

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045209.D
 Acq On : 10 Mar 2025 20:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/11/2025
 Supervised By : Mahesh Dadoda 03/11/2025

Quant Time: Mar 11 04:04:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	89805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	161478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	141315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76819	53.777	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.560%			
35) Dibromofluoromethane	5.379	113	58482	54.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.320%			
50) Toluene-d8	8.647	98	204329	52.198	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.400%			
62) 4-Bromofluorobenzene	11.079	95	72332	55.762	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	56068	49.599	ug/l	95
3) Chloromethane	1.307	50	66438	48.025	ug/l	97
4) Vinyl Chloride	1.374	62	62817	45.773	ug/l	98
5) Bromomethane	1.593	94	27338	50.673	ug/l	99
6) Chloroethane	1.666	64	34461	54.440	ug/l	100
7) Trichlorofluoromethane	1.874	101	92332	50.823	ug/l	98
8) Diethyl Ether	2.130	74	34202	48.131	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	56114	53.761	ug/l	98
10) Methyl Iodide	2.447	142	71173	54.565	ug/l	98
11) Tert butyl alcohol	2.971	59	61066	225.688	ug/l	100
12) 1,1-Dichloroethene	2.313	96	54950	49.795	ug/l	98
13) Acrolein	2.233	56	74133	237.014	ug/l	99
14) Allyl chloride	2.660	41	104974	53.441	ug/l	97
15) Acrylonitrile	3.063	53	194961	268.846	ug/l	99
16) Acetone	2.380	43	168917	254.865	ug/l	98
17) Carbon Disulfide	2.502	76	132826	45.192	ug/l	97
18) Methyl Acetate	2.703	43	95625	59.975	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	198391	53.586	ug/l	98
20) Methylene Chloride	2.782	84	64617	49.218	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	54883	50.342	ug/l	98
22) Diisopropyl ether	3.758	45	215508	53.946	ug/l	90
23) Vinyl Acetate	3.715	43	929015	278.666	ug/l	100
24) 1,1-Dichloroethane	3.605	63	116765	52.153	ug/l	100
25) 2-Butanone	4.556	43	269878	270.518	ug/l	99
26) 2,2-Dichloropropane	4.465	77	70028	66.684	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	68687	51.038	ug/l	94
28) Bromochloromethane	4.892	49	49831	46.695	ug/l	97
29) Tetrahydrofuran	5.001	42	172809	257.939	ug/l	100
30) Chloroform	5.087	83	117022	52.604	ug/l	97
31) Cyclohexane	5.465	56	100388	51.654	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	94427	52.556	ug/l	99
36) 1,1-Dichloropropene	5.684	75	74357	50.215	ug/l	99
37) Ethyl Acetate	4.709	43	100796	52.826	ug/l	99
38) Carbon Tetrachloride	5.666	117	77847	51.782	ug/l	96
39) Methylcyclohexane	7.373	83	95610	53.885	ug/l	97
40) Benzene	6.032	78	242037	51.762	ug/l	99

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Quant Time: Mar 11 04:04:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	58064	56.278	ug/l	99
42) 1,2-Dichloroethane	6.080	62	91915	54.587	ug/l	98
43) Isopropyl Acetate	6.336	43	159254	56.443	ug/l	100
44) Trichloroethene	7.123	130	57349	52.232	ug/l	99
45) 1,2-Dichloropropane	7.428	63	63296	52.648	ug/l	100
46) Dibromomethane	7.574	93	45791	53.887	ug/l	98
47) Bromodichloromethane	7.818	83	91086	54.648	ug/l	99
48) Methyl methacrylate	7.690	41	80293	56.723	ug/l	96
49) 1,4-Dioxane	7.659	88	28702	961.250	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	541601	285.882	ug/l	100
52) Toluene	8.714	92	144568	52.695	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	81003	58.132	ug/l	96
54) cis-1,3-Dichloropropene	8.367	75	93121	57.309	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	60107	53.219	ug/l	99
56) Ethyl methacrylate	9.116	69	99177	57.768	ug/l	97
57) 1,3-Dichloropropane	9.305	76	103733	53.072	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	230339	275.041	ug/l	98
59) 2-Hexanone	9.427	43	396595	288.929	ug/l	100
60) Dibromochloromethane	9.519	129	65571	55.525	ug/l	100
61) 1,2-Dibromoethane	9.610	107	60773	53.901	ug/l	100
64) Tetrachloroethene	9.269	164	45070	49.798	ug/l	97
65) Chlorobenzene	10.074	112	154662	51.723	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	52444	52.665	ug/l	99
67) Ethyl Benzene	10.189	91	275315	52.841	ug/l	99
68) m/p-Xylenes	10.299	106	203608	106.750	ug/l	98
69) o-Xylene	10.640	106	101225	52.621	ug/l	99
70) Styrene	10.653	104	170107	54.651	ug/l	99
71) Bromoform	10.799	173	41916	55.820	ug/l #	99
73) Isopropylbenzene	10.958	105	261410	51.203	ug/l	99
74) N-amyl acetate	10.842	43	133947	55.914	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	95680	51.071	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79650m	52.319	ug/l	
77) Bromobenzene	11.195	156	60709	50.399	ug/l	97
78) n-propylbenzene	11.299	91	307731	53.359	ug/l	98
79) 2-Chlorotoluene	11.360	91	184579	50.254	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	215110	52.109	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24197	54.392	ug/l	94
82) 4-Chlorotoluene	11.451	91	211368	52.803	ug/l	99
83) tert-Butylbenzene	11.713	119	217615	51.306	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	219760	52.908	ug/l	100
85) sec-Butylbenzene	11.890	105	273492	53.829	ug/l	99
86) p-Isopropyltoluene	12.006	119	223861	54.521	ug/l	100
87) 1,3-Dichlorobenzene	11.970	146	110444	51.396	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	110057	50.623	ug/l	99
89) n-Butylbenzene	12.329	91	198652	56.174	ug/l	100
90) Hexachloroethane	12.536	117	38405	51.712	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	111119	51.548	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19480	53.372	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	63774	51.957	ug/l	99
94) Hexachlorobutadiene	13.725	225	25562	50.796	ug/l	99
95) Naphthalene	13.774	128	249638	52.935	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	66492	51.350	ug/l	99

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Instrument :
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ClientSampleId :
VSTDCCC050EC

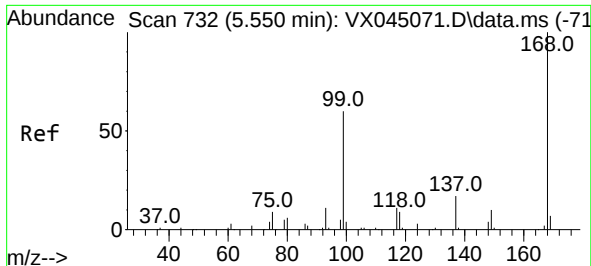
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

Quant Time: Mar 11 04:04:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

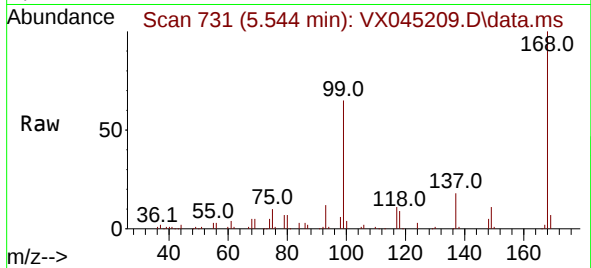
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

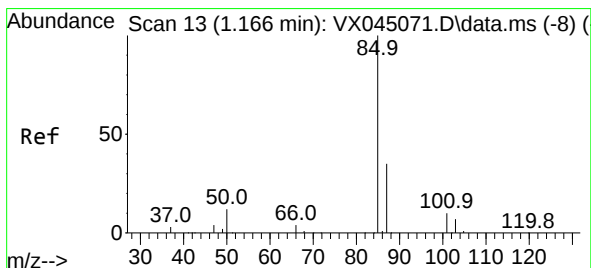
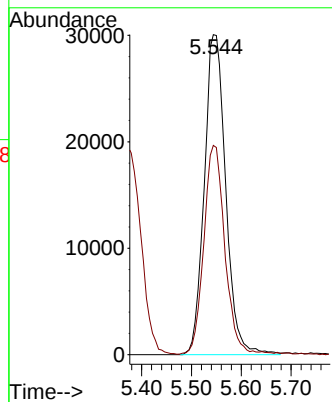
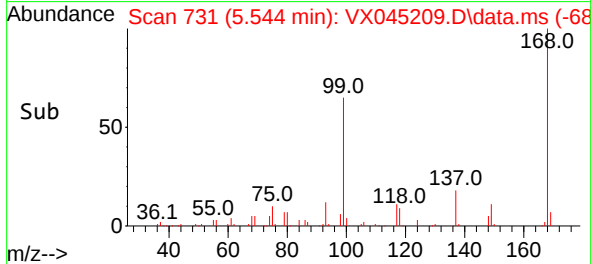
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 8980
Ion Ratio Lower Upper
168 100
99 65.2 48.2 72.4

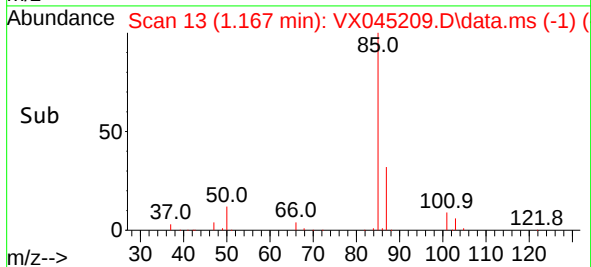
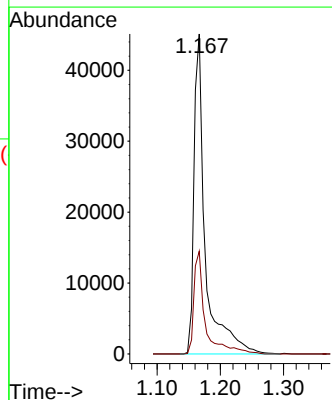
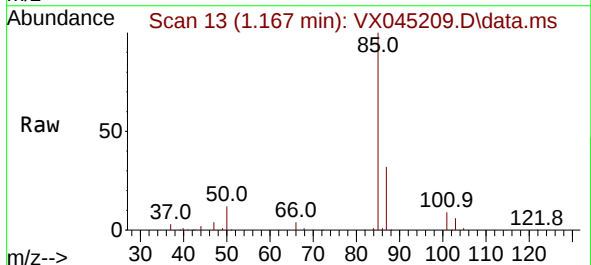
Manual Integrations
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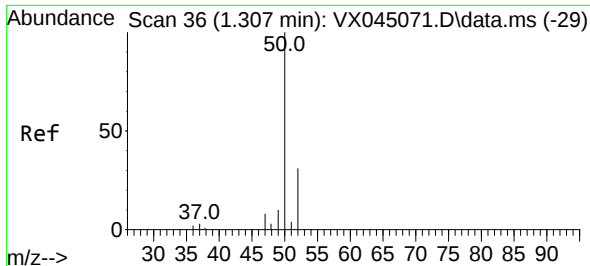
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#2
Dichlorodifluoromethane
Concen: 49.599 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

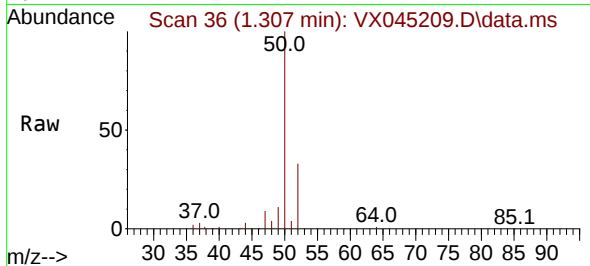
Tgt Ion: 85 Resp: 56068
Ion Ratio Lower Upper
85 100
87 32.1 17.4 52.3





#3
Chloromethane
Concen: 48.025 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

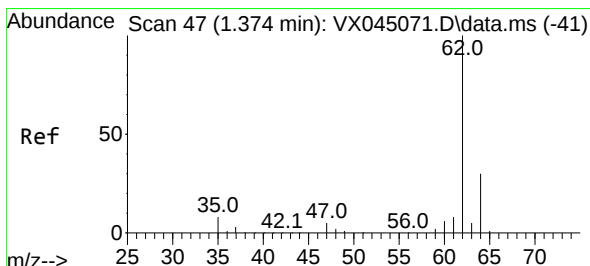
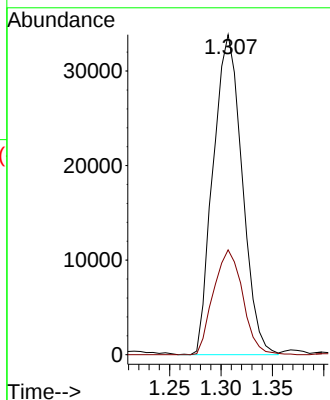
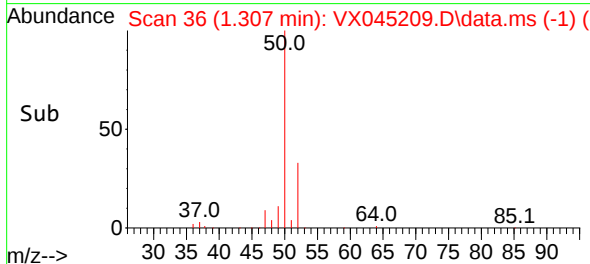
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 66438
Ion Ratio Lower Upper
50 100
52 32.8 25.0 37.4

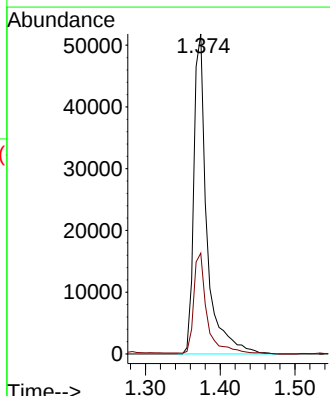
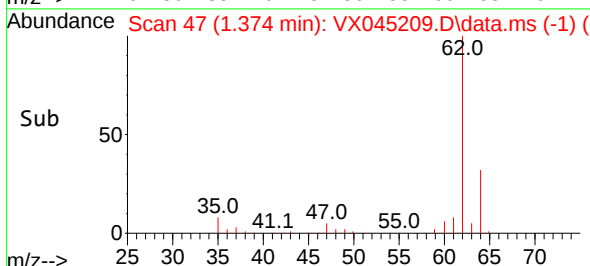
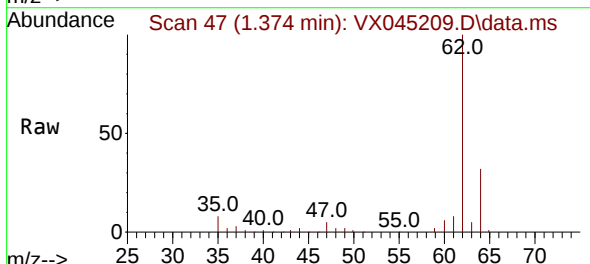
Manual Integrations
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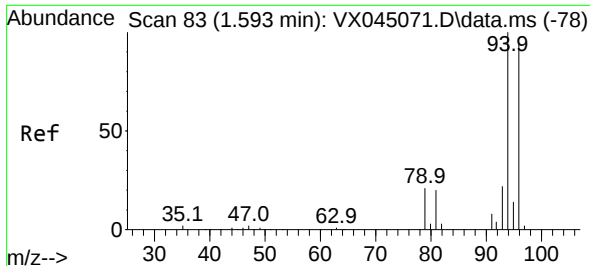
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#4
Vinyl Chloride
Concen: 45.773 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

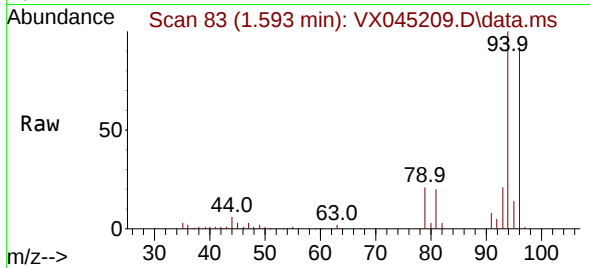
Tgt Ion: 62 Resp: 62817
Ion Ratio Lower Upper
62 100
64 31.5 24.3 36.5





#5
Bromomethane
Concen: 50.673 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

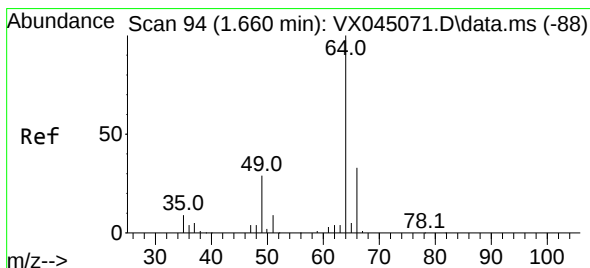
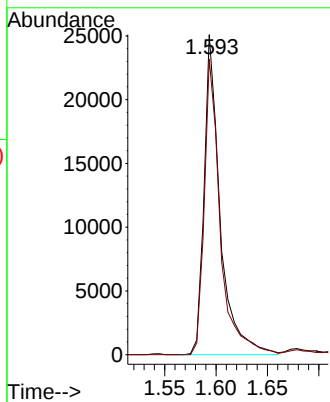
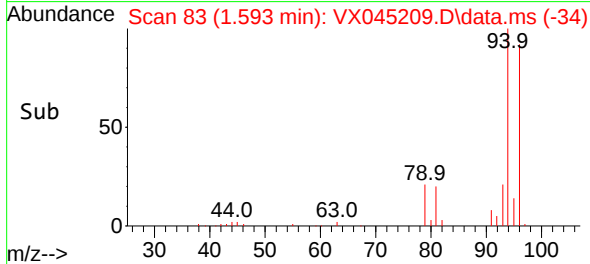
Instrument :
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Tgt Ion: 94 Resp: 27338
Ion Ratio Lower Upper
94 100
96 92.3 75.0 112.4

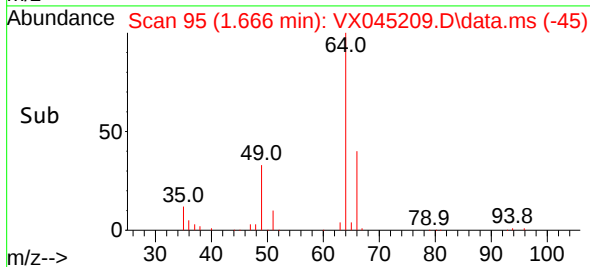
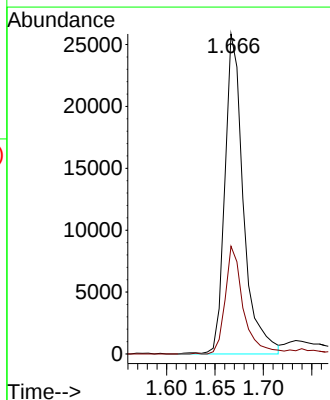
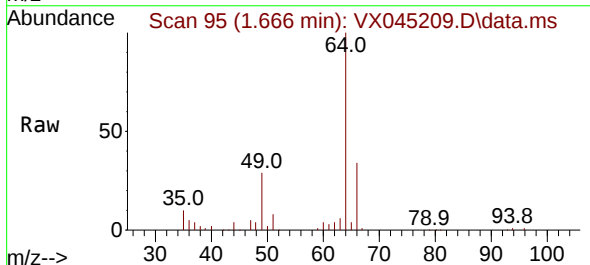
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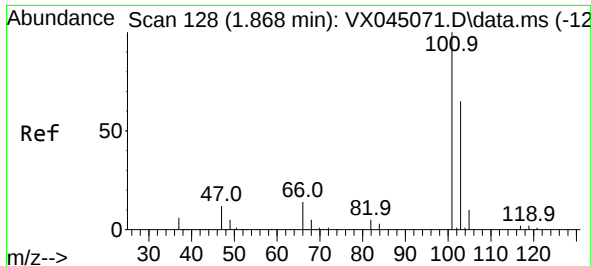
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#6
Chloroethane
Concen: 54.440 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

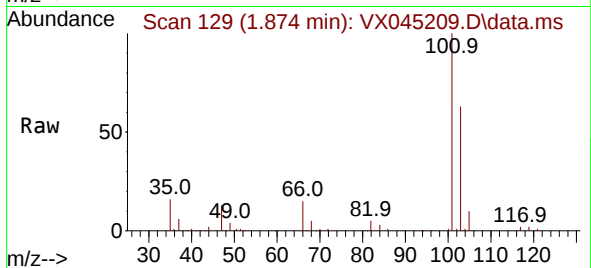
Tgt Ion: 64 Resp: 34461
Ion Ratio Lower Upper
64 100
66 33.7 26.7 40.1





#7
Trichlorofluoromethane
Concen: 50.823 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

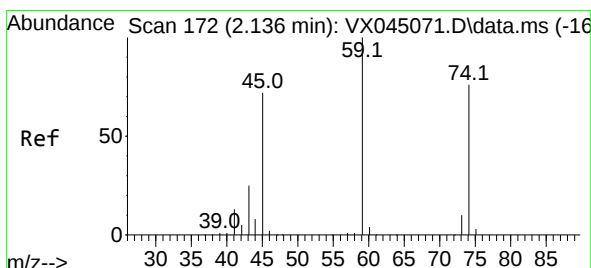
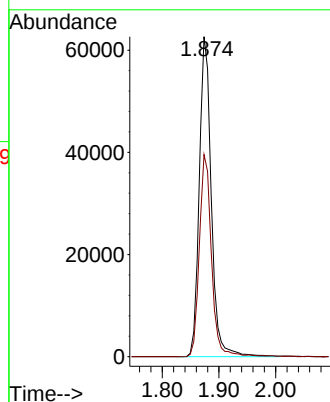
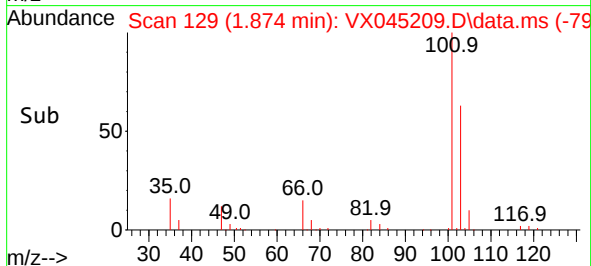
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 9233
Ion Ratio Lower Upper
101 100
103 63.1 52.1 78.1

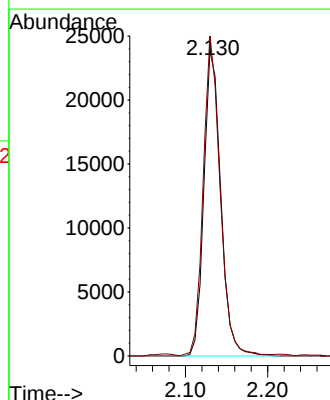
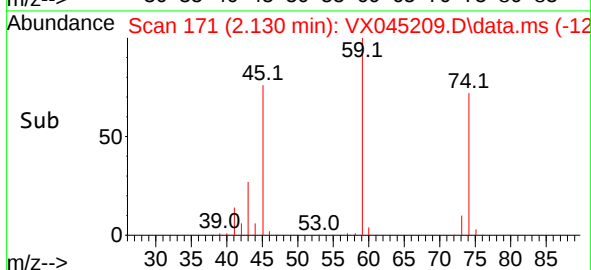
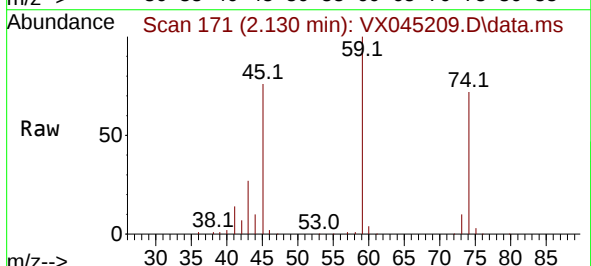
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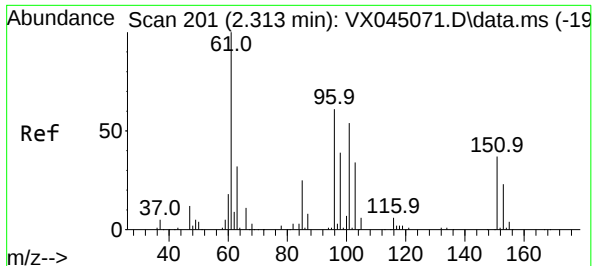
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#8
Diethyl Ether
Concen: 48.131 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Tgt Ion: 74 Resp: 34202
Ion Ratio Lower Upper
74 100
45 104.4 51.5 154.5





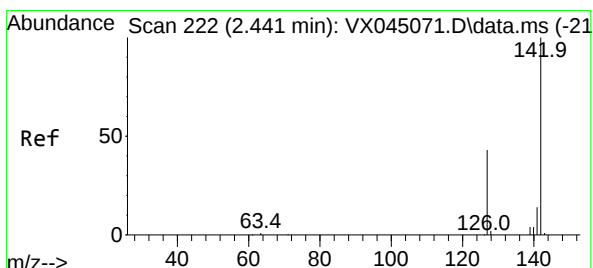
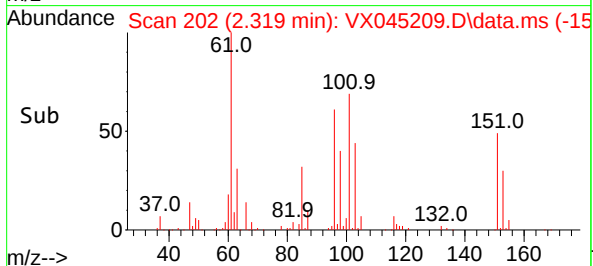
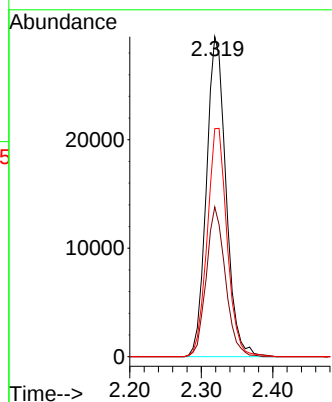
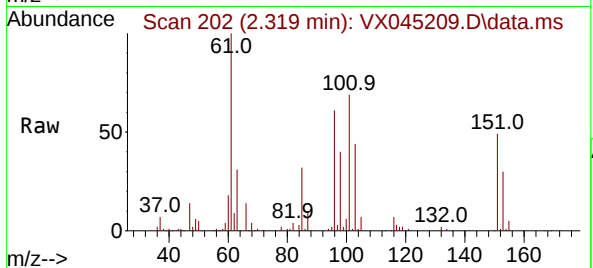
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.761 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 56114
Ion Ratio Lower Upper
101 100
85 45.7 36.2 54.4
151 72.2 56.4 84.6

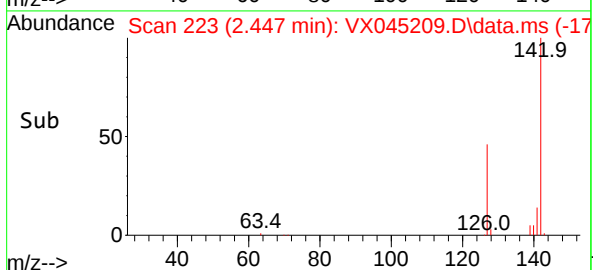
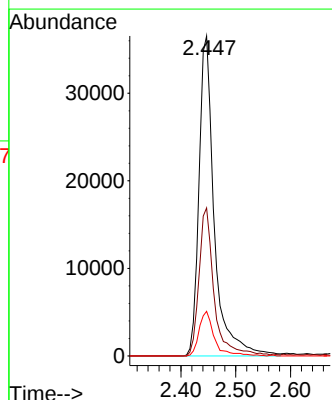
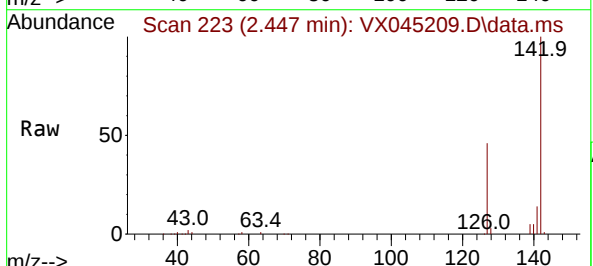
Manual Integrations
APPROVED

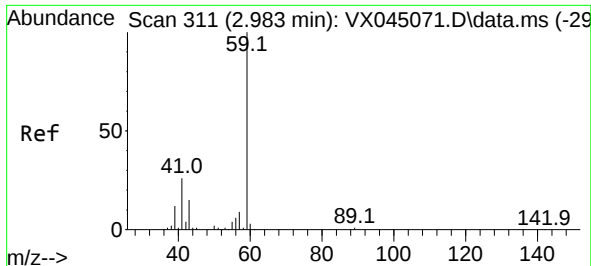
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#10
Methyl Iodide
Concen: 54.565 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Tgt Ion:142 Resp: 71173
Ion Ratio Lower Upper
142 100
127 45.6 35.4 53.2
141 14.0 11.6 17.4





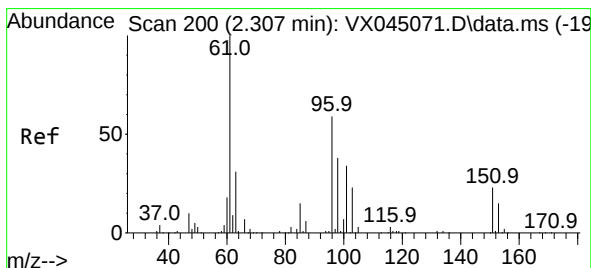
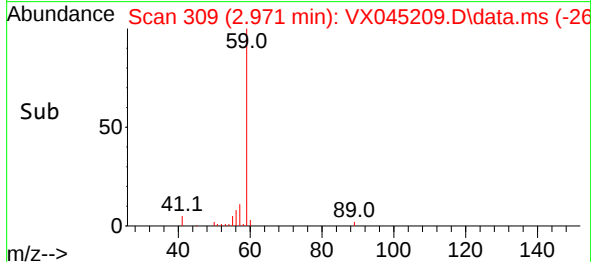
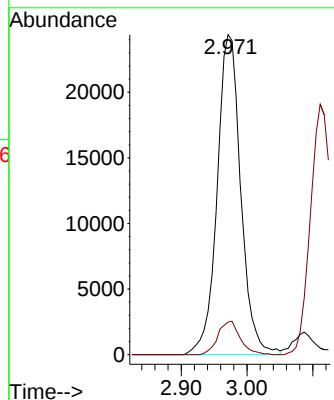
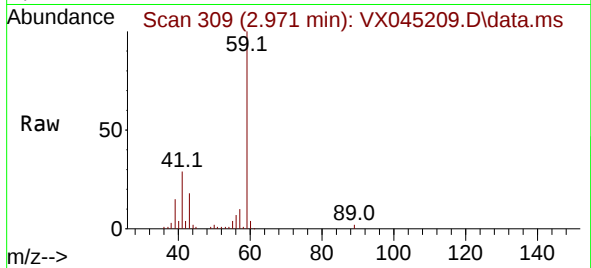
#11
Tert butyl alcohol
Concen: 225.688 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 61060
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.8

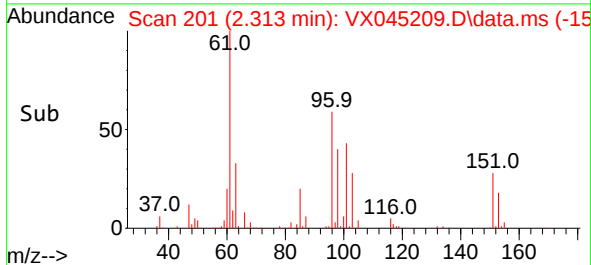
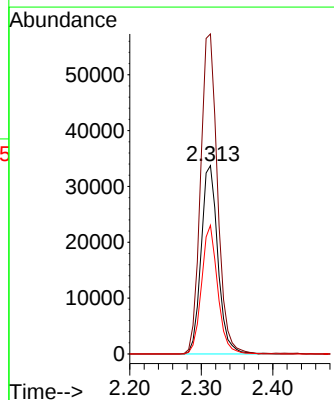
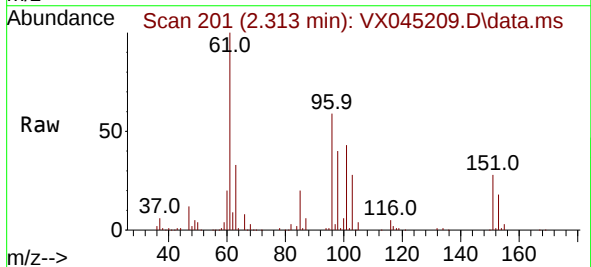
Manual Integrations
APPROVED

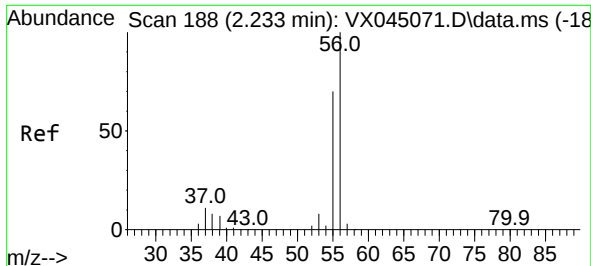
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#12
1,1-Dichloroethene
Concen: 49.795 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Tgt Ion: 96 Resp: 54950
Ion Ratio Lower Upper
96 100
61 170.0 134.6 202.0
98 68.3 51.0 76.6





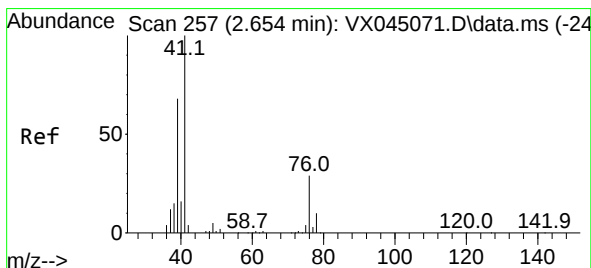
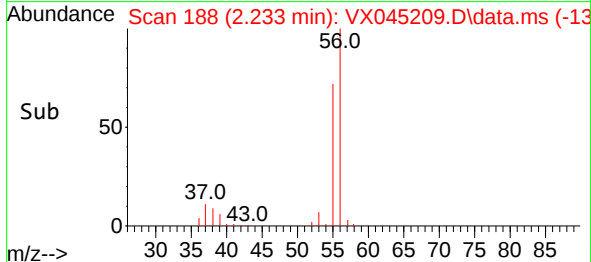
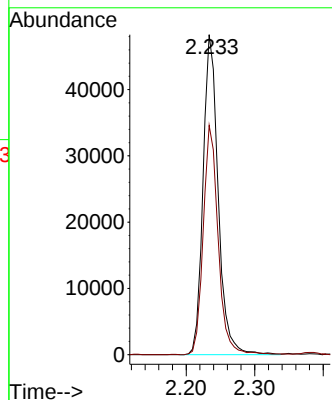
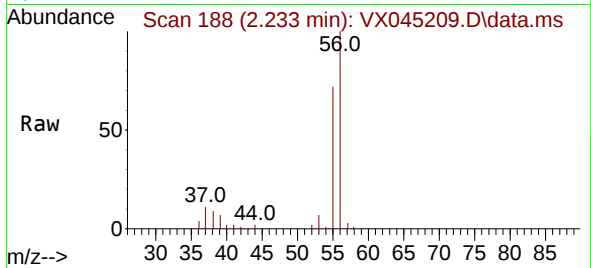
#13
Acrolein
Concen: 237.014 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 7413
Ion Ratio Lower Upper
56 100
55 70.9 56.2 84.4

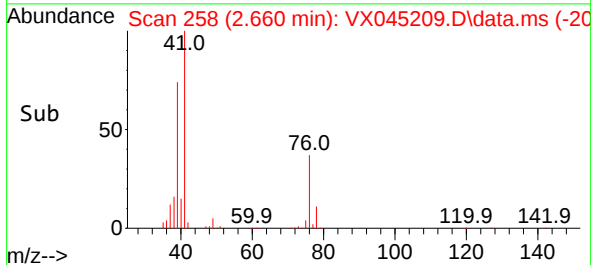
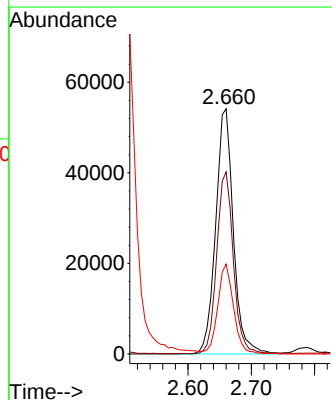
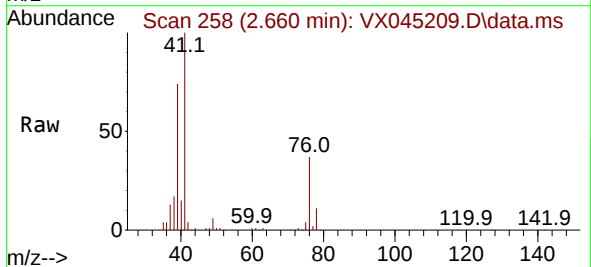
Manual Integrations
APPROVED

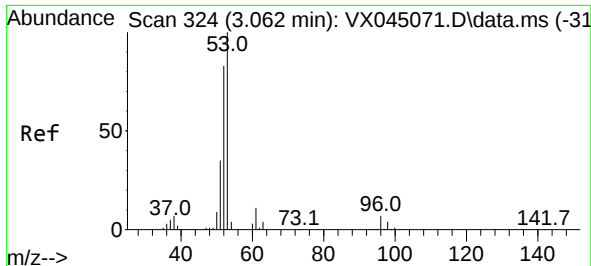
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#14
Allyl chloride
Concen: 53.441 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

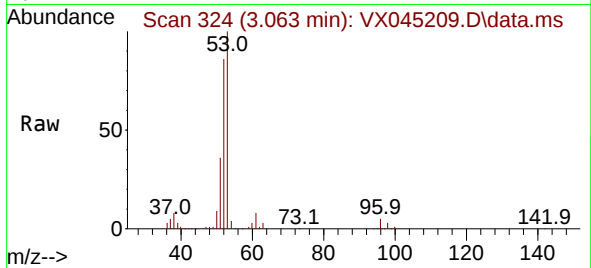
Tgt Ion: 41 Resp: 104974
Ion Ratio Lower Upper
41 100
39 70.0 53.8 80.8
76 32.8 25.2 37.8





#15
Acrylonitrile
Concen: 268.846 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

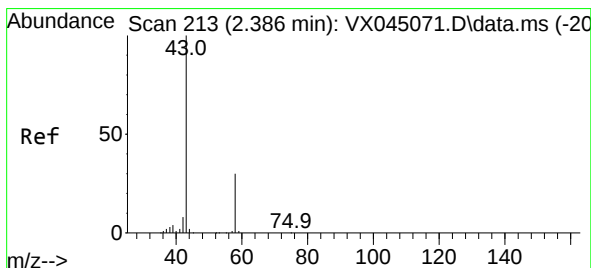
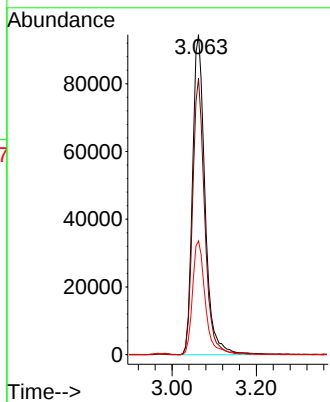
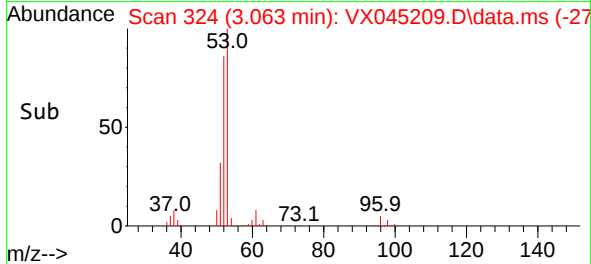
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 19496
Ion Ratio Lower Upper
53 100
52 83.8 66.2 99.2
51 36.6 29.0 43.4

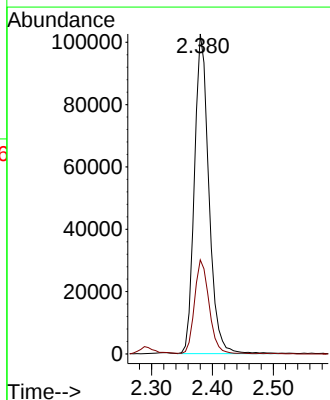
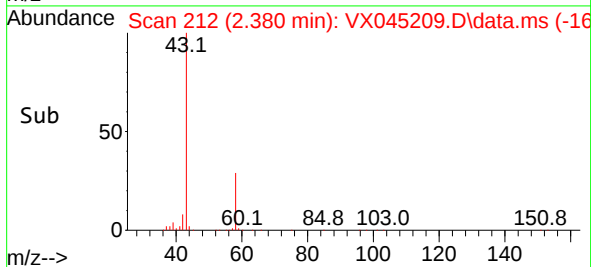
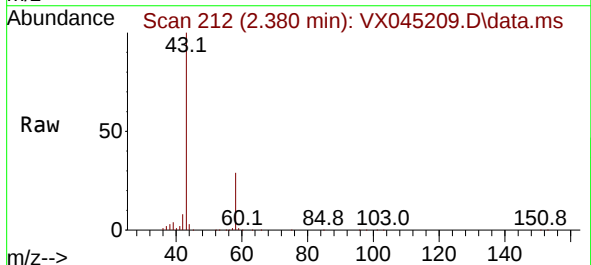
Manual Integrations
APPROVED

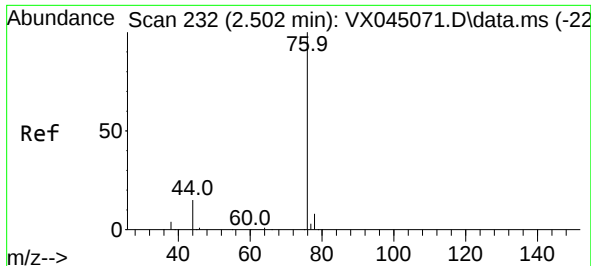
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#16
Acetone
Concen: 254.865 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

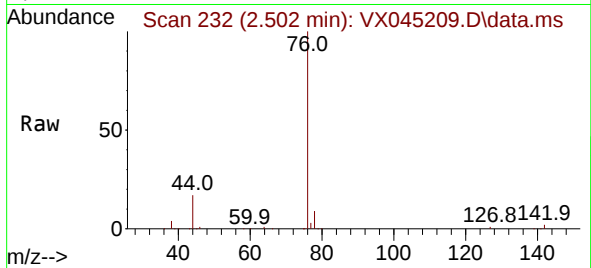
Tgt Ion: 43 Resp: 168917
Ion Ratio Lower Upper
43 100
58 29.3 24.2 36.4





#17
Carbon Disulfide
Concen: 45.192 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

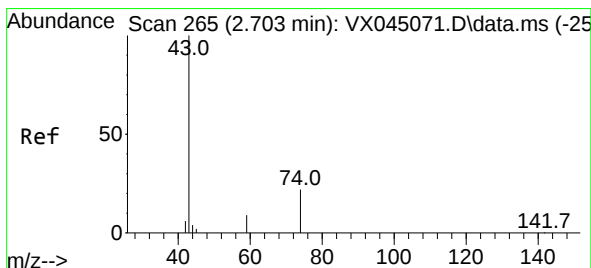
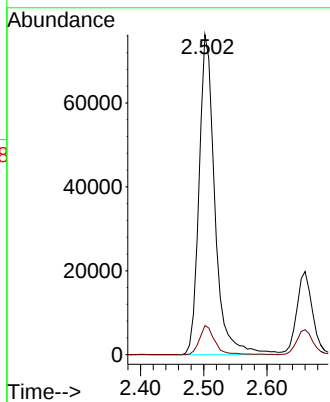
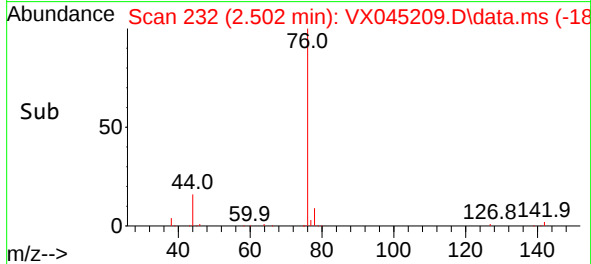
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 132820
Ion Ratio Lower Upper
76 100
78 9.1 6.6 9.8

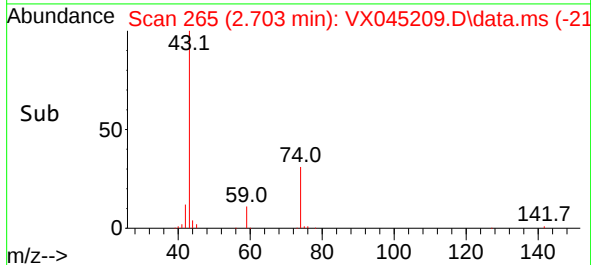
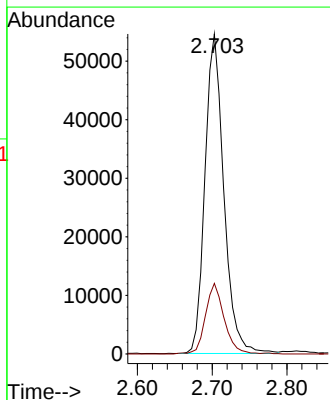
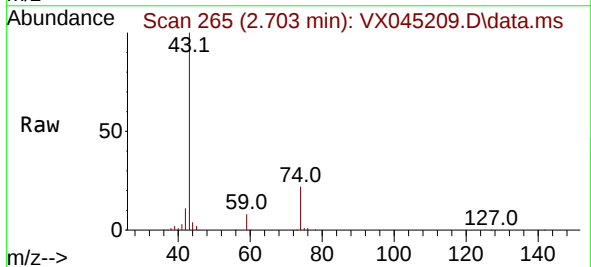
Manual Integrations
APPROVED

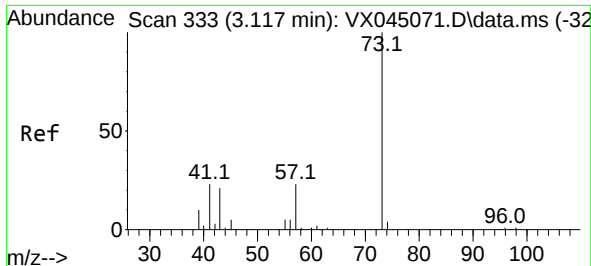
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#18
Methyl Acetate
Concen: 59.975 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Tgt Ion: 43 Resp: 95625
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.2





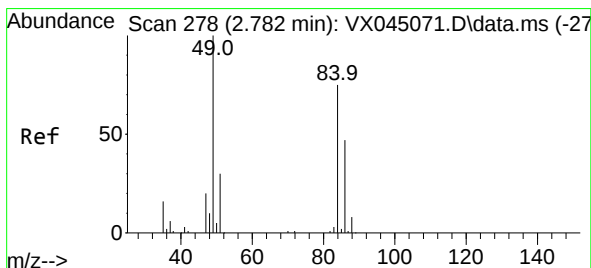
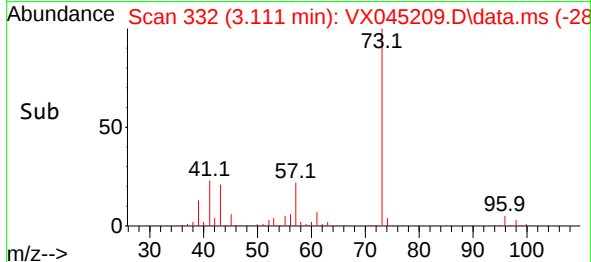
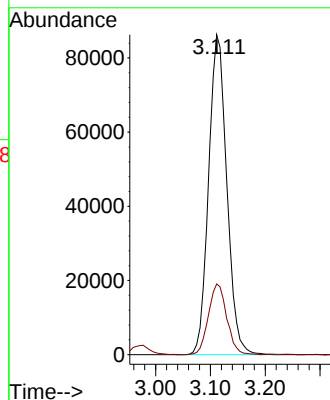
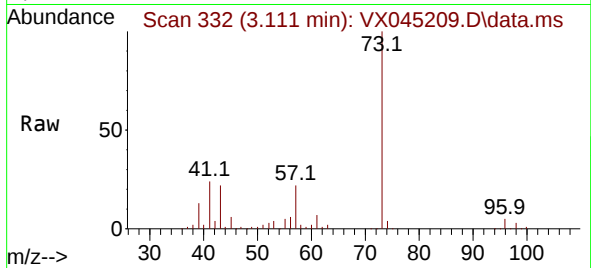
#19
Methyl tert-butyl Ether
Concen: 53.586 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 19839
Ion Ratio Lower Upper
73 100
57 22.1 18.5 27.7

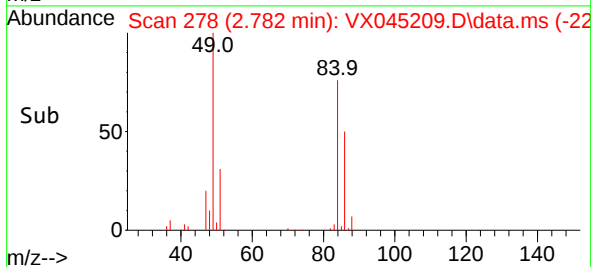
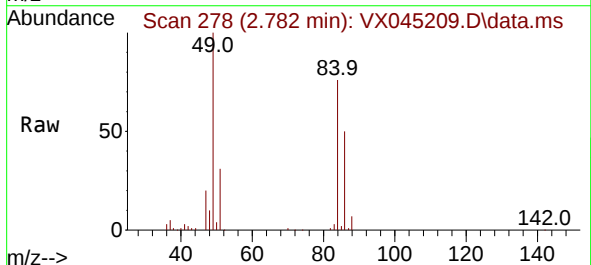
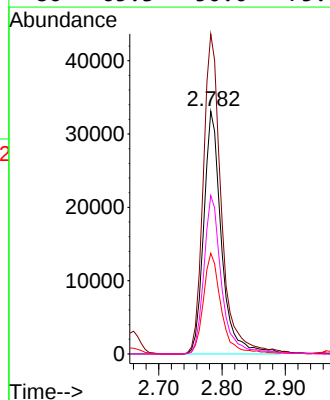
Manual Integrations
APPROVED

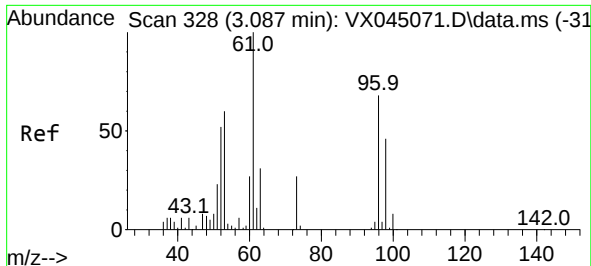
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#20
Methylene Chloride
Concen: 49.218 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

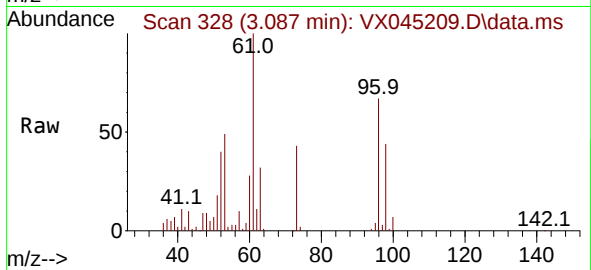
Tgt Ion: 84 Resp: 64617
Ion Ratio Lower Upper
84 100
49 131.9 106.5 159.7
51 41.5 32.1 48.1
86 65.3 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 50.342 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

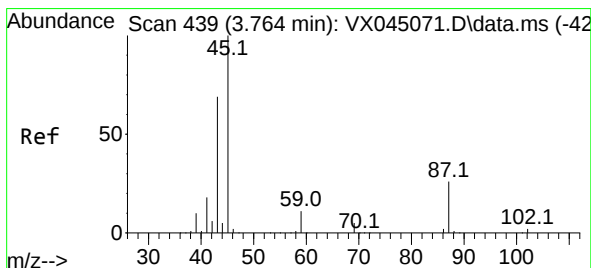
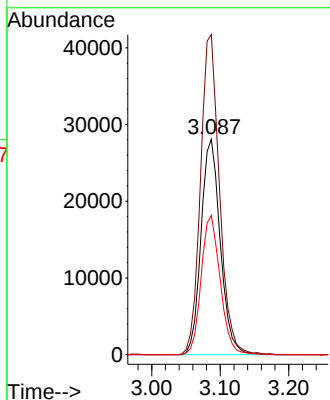
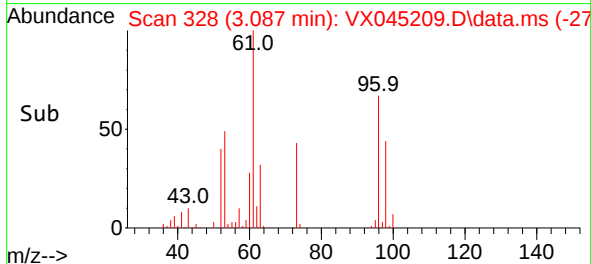
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 5488
Ion Ratio Lower Upper
96 100
61 148.4 117.0 175.4
98 64.6 53.4 80.2

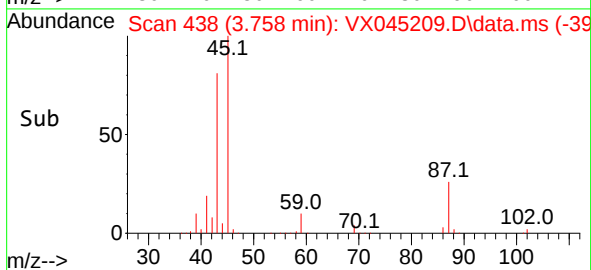
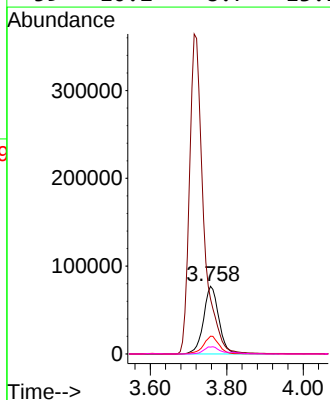
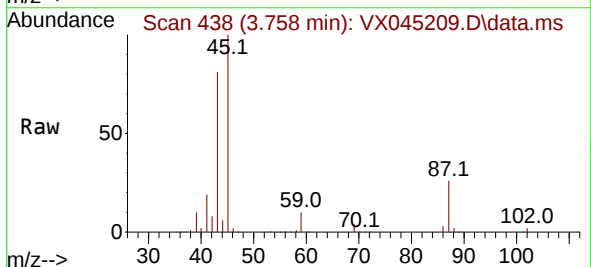
Manual Integrations
APPROVED

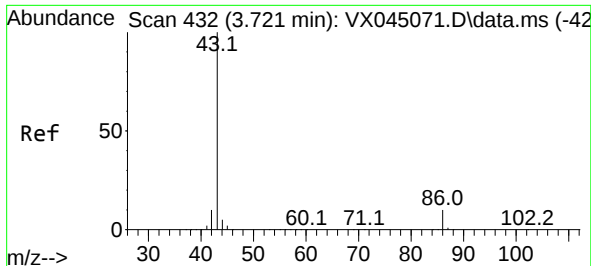
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#22
Diisopropyl ether
Concen: 53.946 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Tgt Ion: 45 Resp: 215508
Ion Ratio Lower Upper
45 100
43 80.9 54.9 82.3
87 26.3 21.0 31.4
59 10.2 8.7 13.1





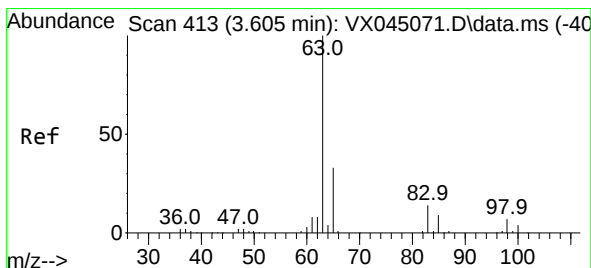
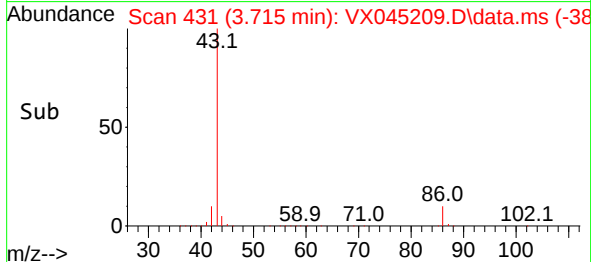
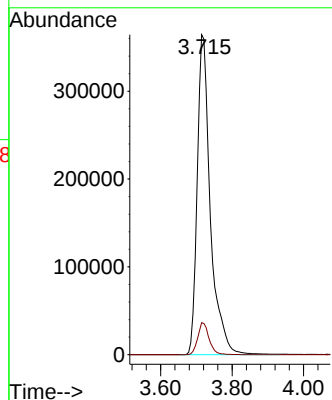
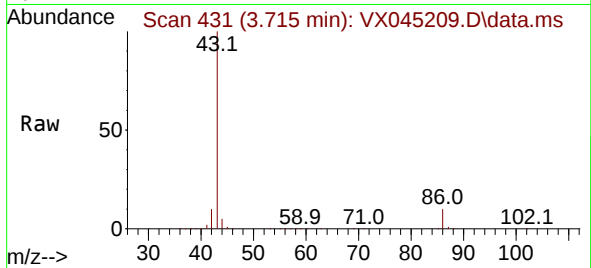
#23
 Vinyl Acetate
 Concen: 278.666 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045209.D
 Acq: 10 Mar 2025 20:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 929015
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1

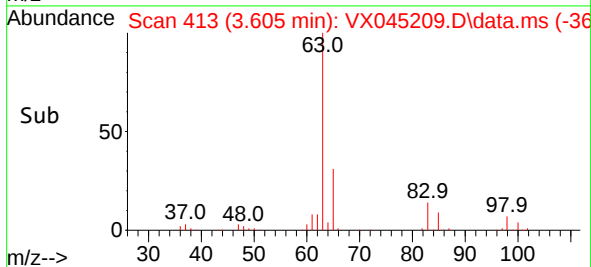
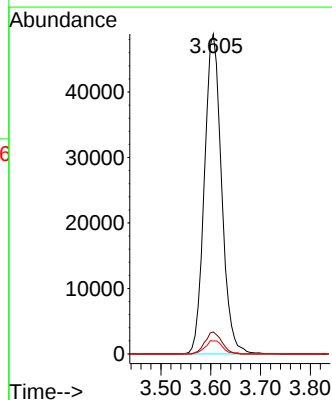
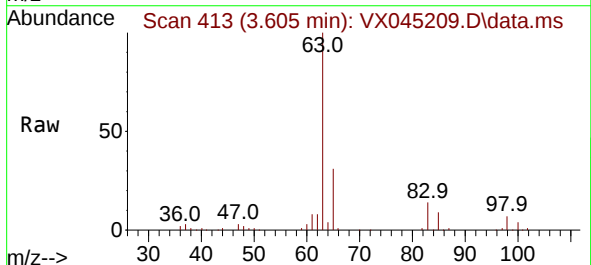
Manual Integrations
 APPROVED

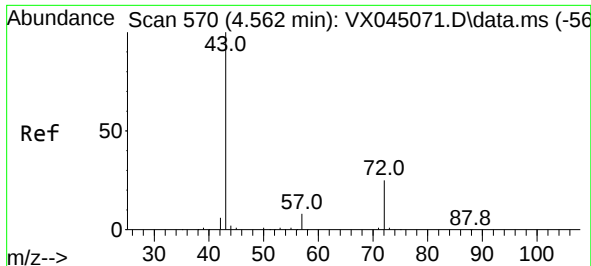
Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025



#24
 1,1-Dichloroethane
 Concen: 52.153 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045209.D
 Acq: 10 Mar 2025 20:17

Tgt Ion: 63 Resp: 116765
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.0 2.1 6.5





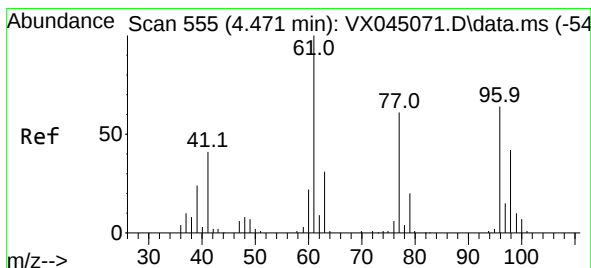
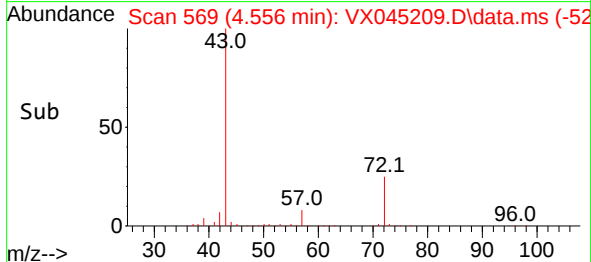
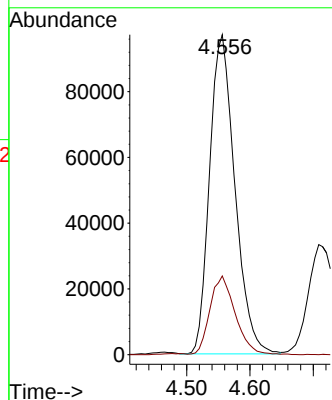
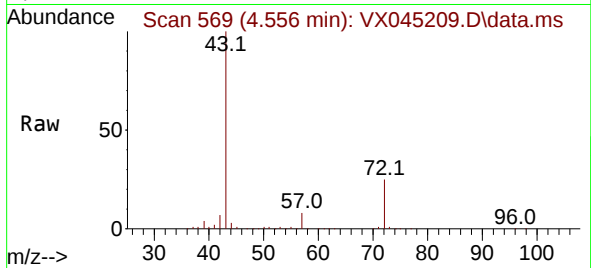
#25
2-Butanone
Concen: 270.518 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 269878
Ion Ratio Lower Upper
43 100
72 24.5 20.0 30.0

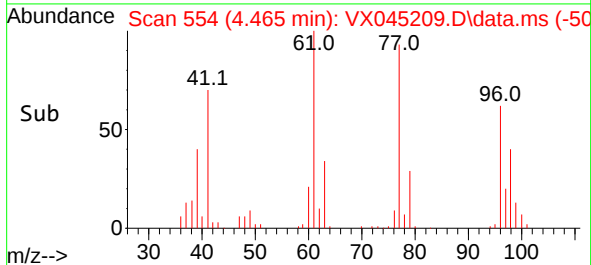
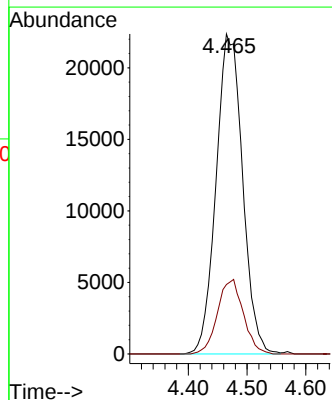
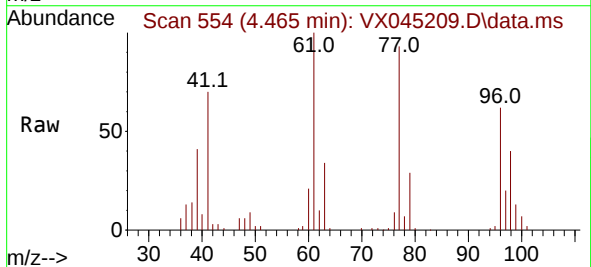
Manual Integrations
APPROVED

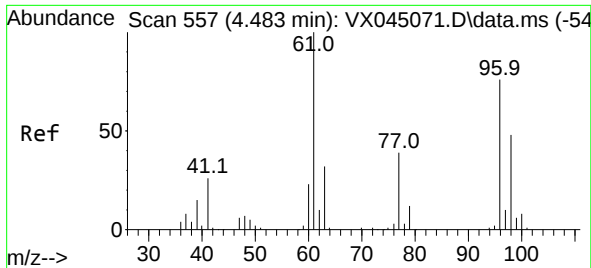
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#26
2,2-Dichloropropane
Concen: 66.684 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

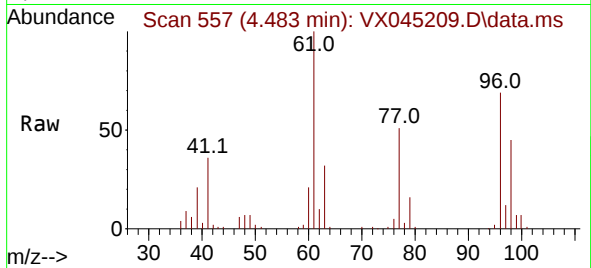
Tgt Ion: 77 Resp: 70028
Ion Ratio Lower Upper
77 100
97 22.7 12.4 37.0





#27
 cis-1,2-Dichloroethene
 Concen: 51.038 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX045209.D
 Acq: 10 Mar 2025 20:17

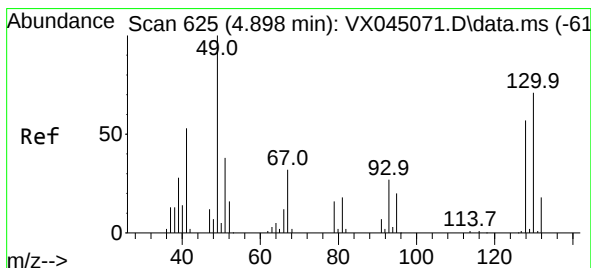
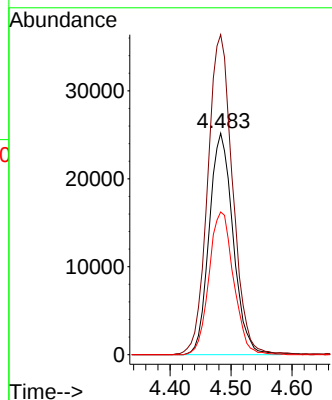
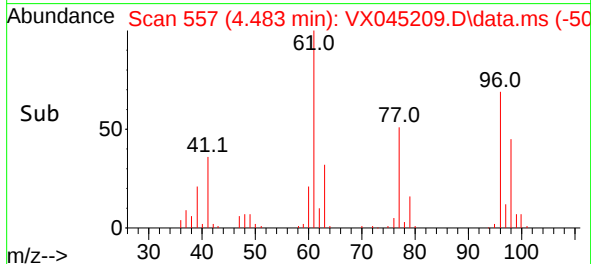
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 6868
 Ion Ratio Lower Upper
 96 100
 61 151.0 0.0 283.2
 98 66.1 0.0 128.0

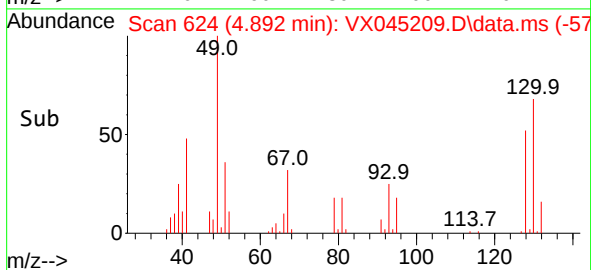
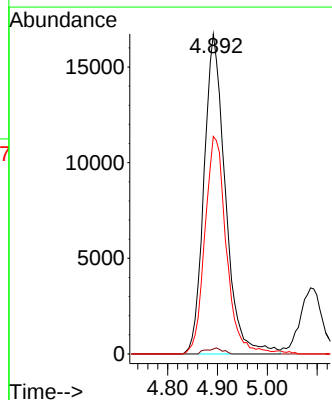
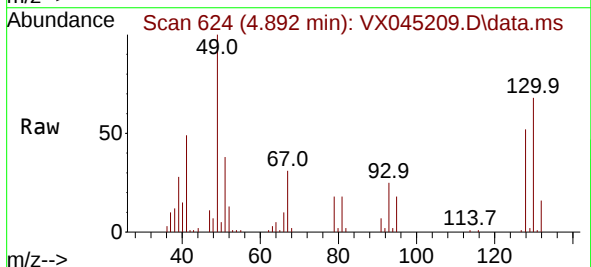
Manual Integrations
 APPROVED

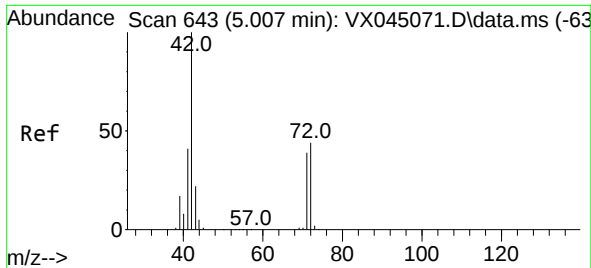
Reviewed By :John Carlone 03/11/2025
 Supervised By :Mahesh Dadoda 03/11/2025



#28
 Bromochloromethane
 Concen: 46.695 ug/l
 RT: 4.892 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045209.D
 Acq: 10 Mar 2025 20:17

Tgt Ion: 49 Resp: 49831
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.4
 130 68.0 56.1 84.1





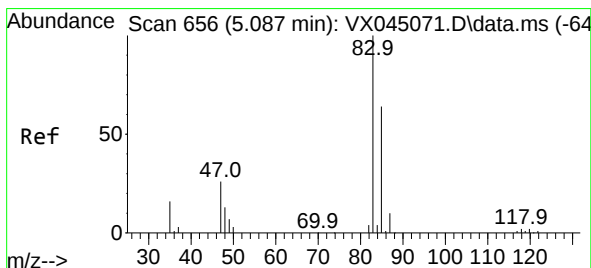
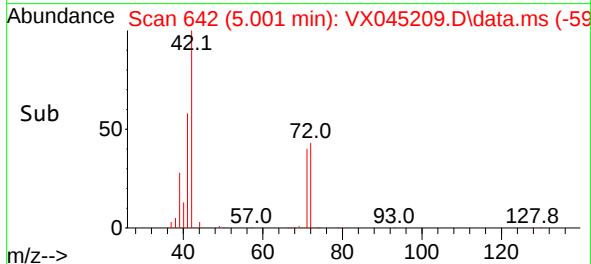
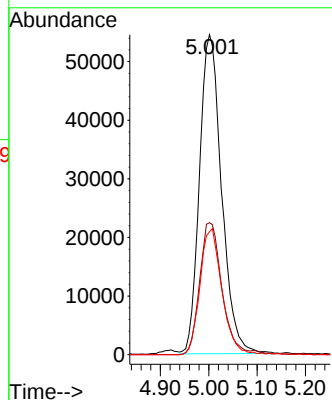
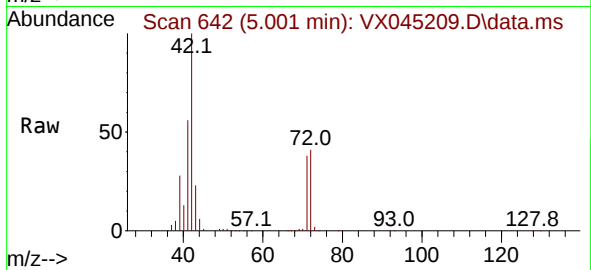
#29
Tetrahydrofuran
Concen: 257.939 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 172809
Ion Ratio Lower Upper
42 100
72 42.0 34.1 51.1
71 39.2 31.4 47.0

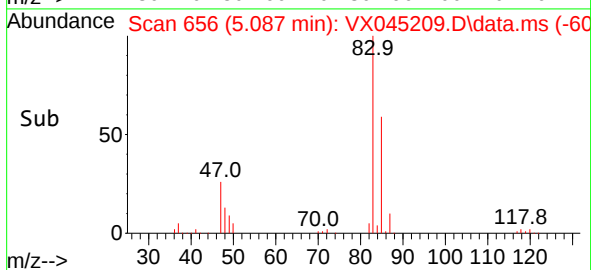
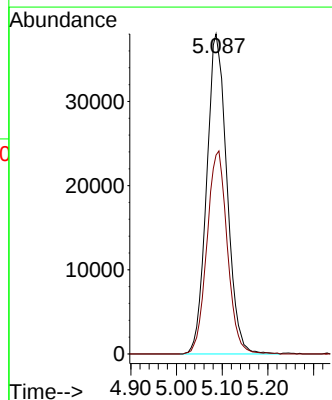
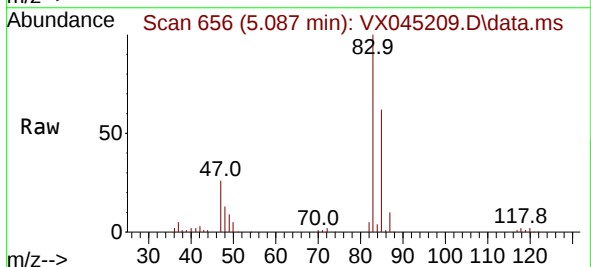
Manual Integrations
APPROVED

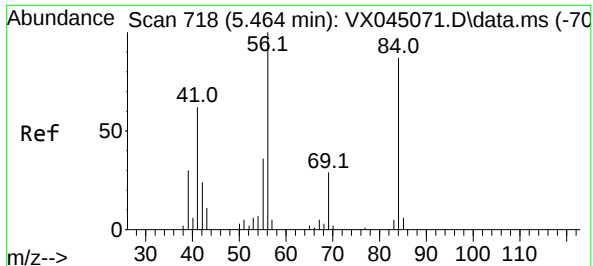
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#30
Chloroform
Concen: 52.604 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

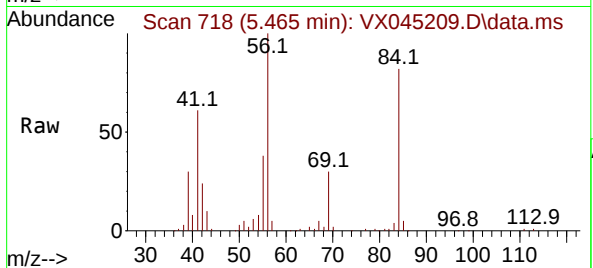
Tgt Ion: 83 Resp: 117022
Ion Ratio Lower Upper
83 100
85 62.1 51.4 77.2





#31
Cyclohexane
Concen: 51.654 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

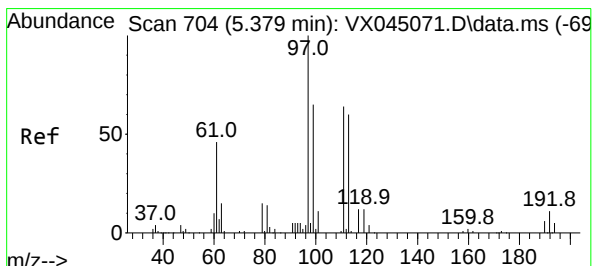
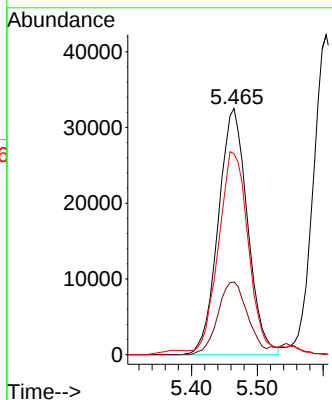
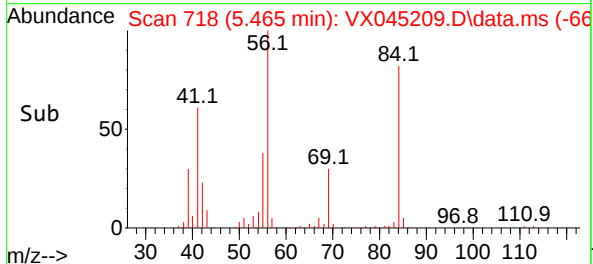
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 10038
Ion Ratio Lower Upper
56 100
69 29.5 23.4 35.2
84 79.9 69.4 104.2

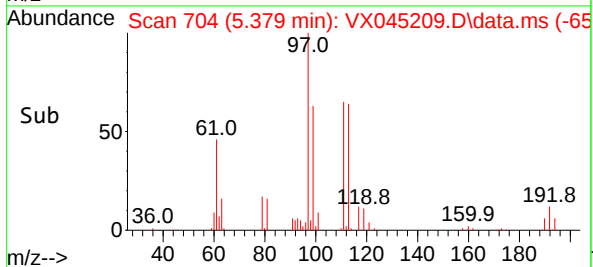
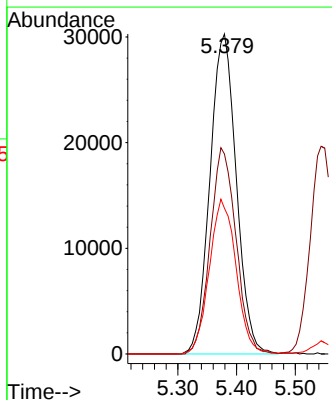
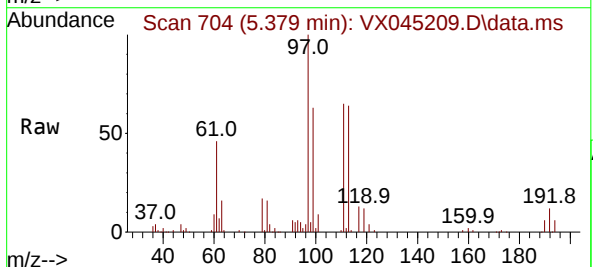
Manual Integrations
APPROVED

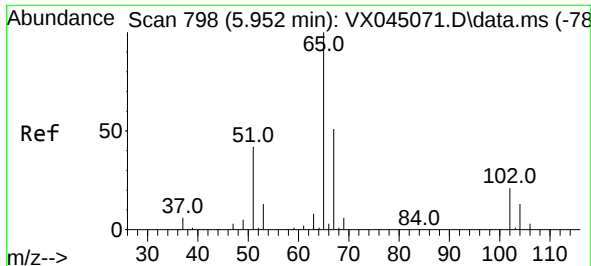
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#32
1,1,1-Trichloroethane
Concen: 52.556 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Tgt Ion: 97 Resp: 94427
Ion Ratio Lower Upper
97 100
99 63.4 51.6 77.4
61 49.1 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 53.777 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045209.D

Acq: 10 Mar 2025 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 76819

Ion Ratio Lower Upper

65 100

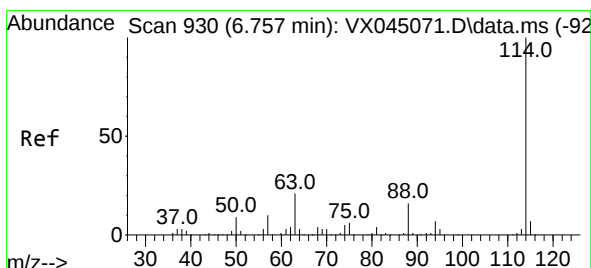
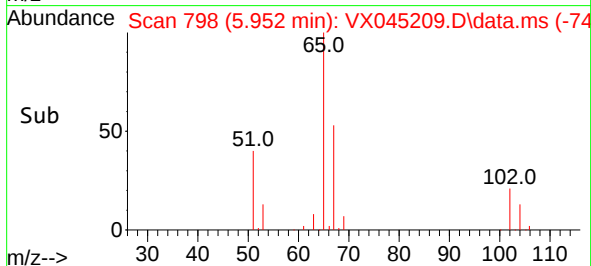
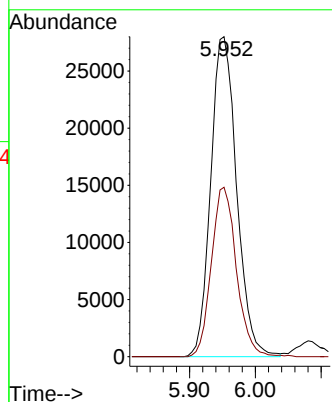
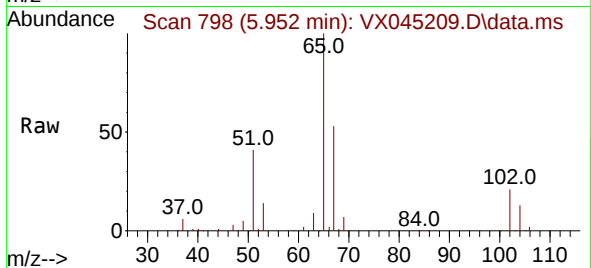
67 51.2 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045209.D

Acq: 10 Mar 2025 20:17

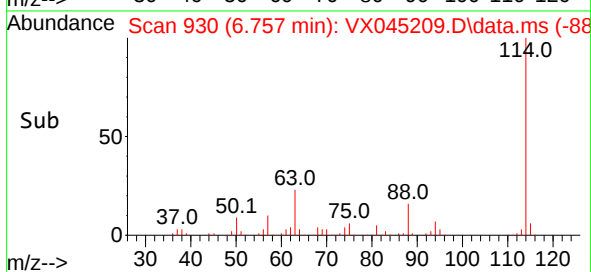
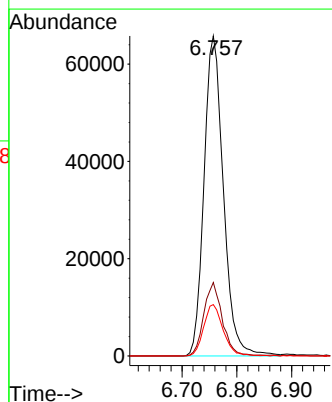
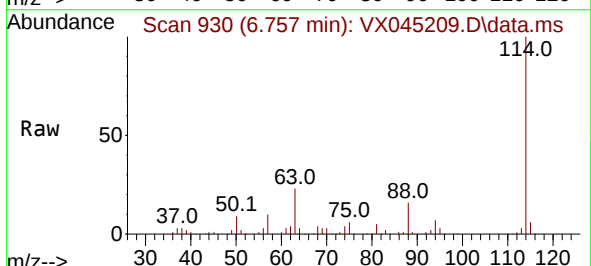
Tgt Ion:114 Resp: 161478

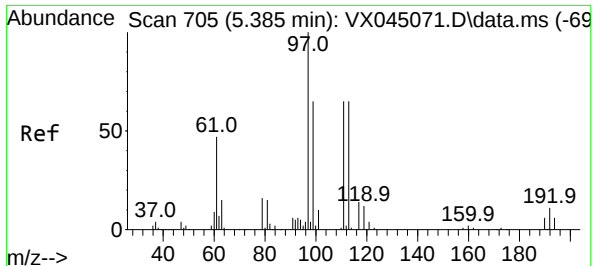
Ion Ratio Lower Upper

114 100

63 23.0 0.0 41.8

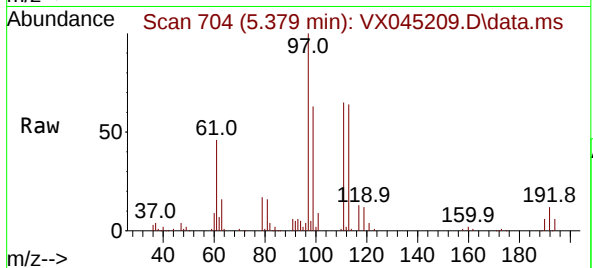
88 16.1 0.0 32.8





#35
Dibromofluoromethane
Concen: 54.162 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

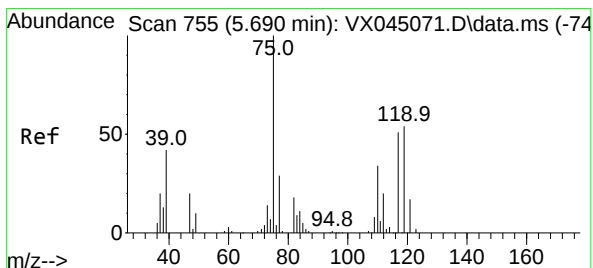
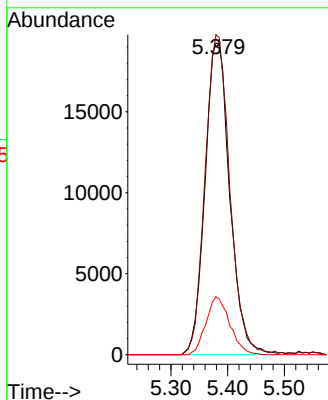
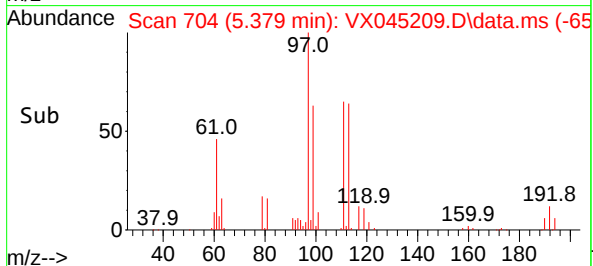
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 5848
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 17.8 14.3 21.5

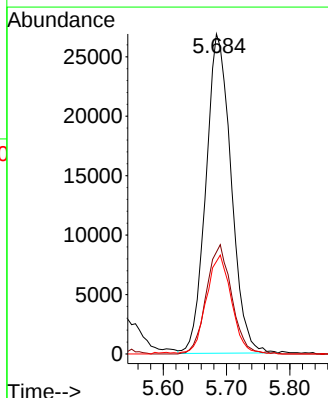
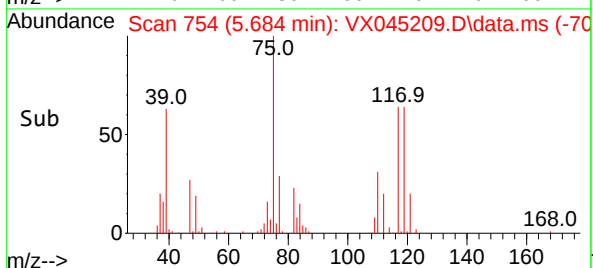
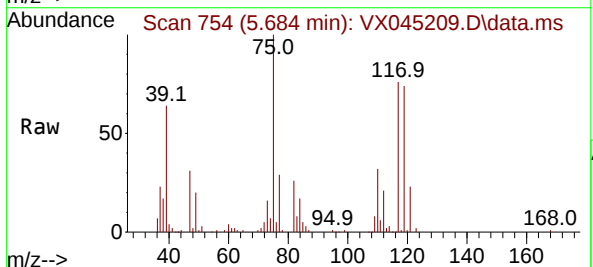
Manual Integrations
APPROVED

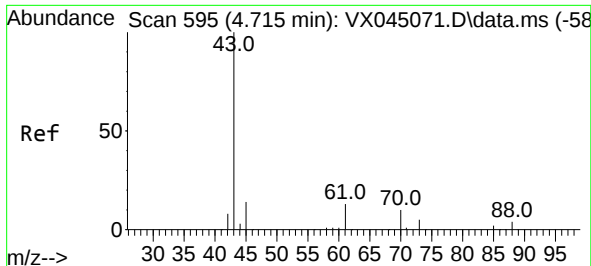
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#36
1,1-Dichloropropene
Concen: 50.215 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

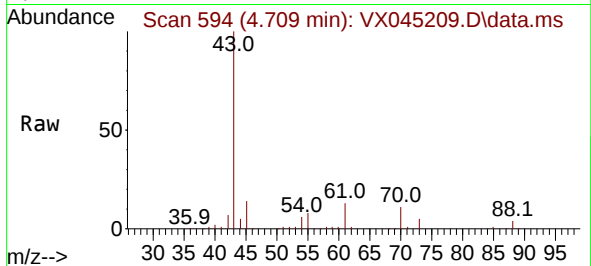
Tgt Ion: 75 Resp: 74357
Ion Ratio Lower Upper
75 100
110 34.3 16.9 50.6
77 30.9 24.5 36.7





#37
Ethyl Acetate
Concen: 52.826 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

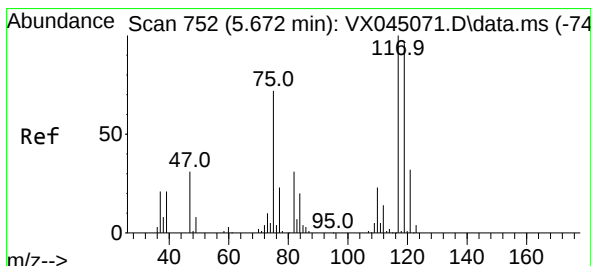
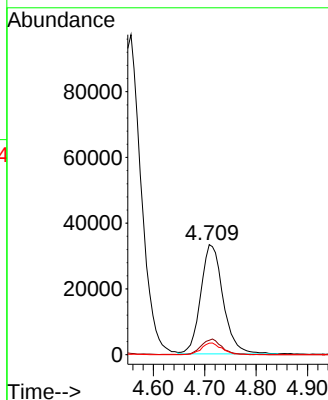
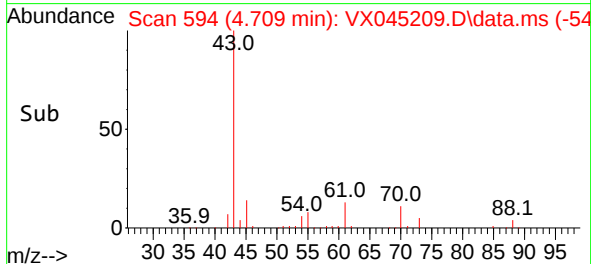
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 100790
Ion Ratio Lower Upper
43 100
61 13.1 10.8 16.2
70 9.8 7.7 11.5

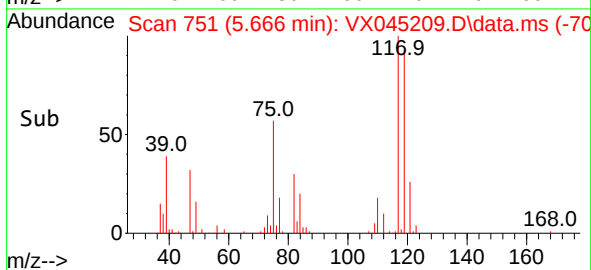
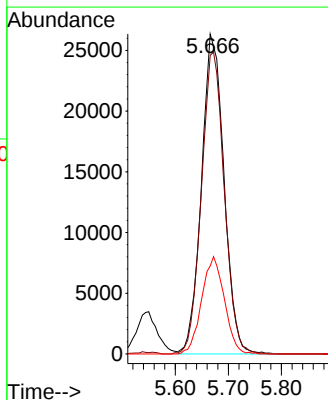
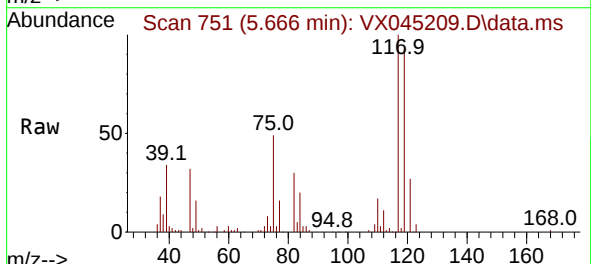
Manual Integrations
APPROVED

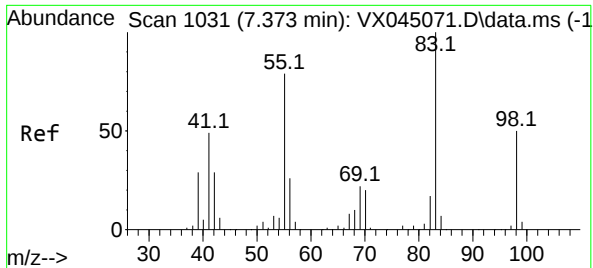
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#38
Carbon Tetrachloride
Concen: 51.782 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Tgt Ion:117 Resp: 77847
Ion Ratio Lower Upper
117 100
119 93.3 76.7 115.1
121 27.5 25.5 38.3





#39
Methylcyclohexane
Concen: 53.885 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

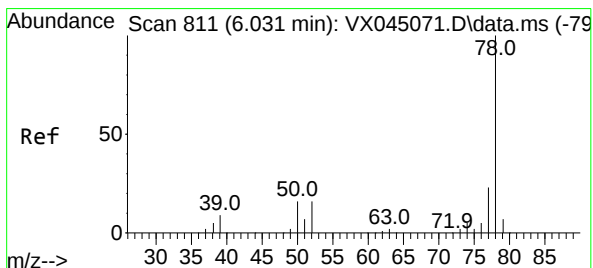
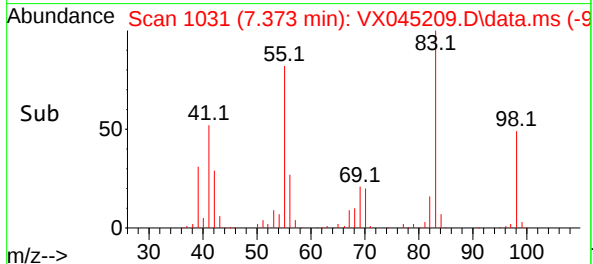
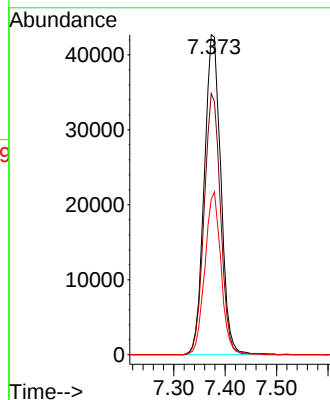
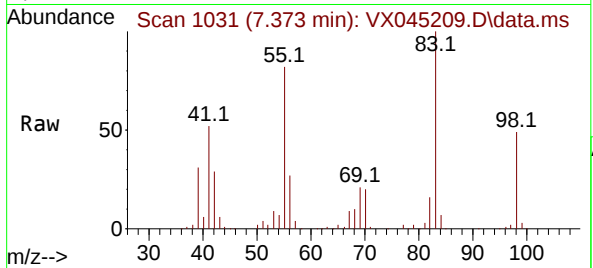
Tgt Ion: 83 Resp: 95610
Ion Ratio Lower Upper
83 100
55 81.6 63.0 94.4
98 48.5 39.7 59.5

Manual Integrations

APPROVED

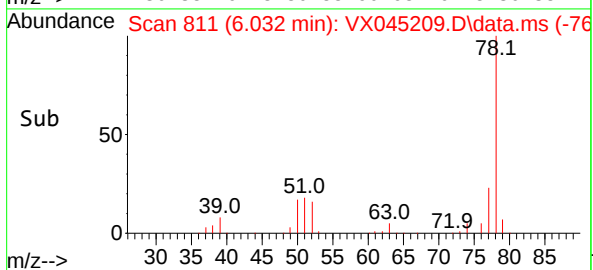
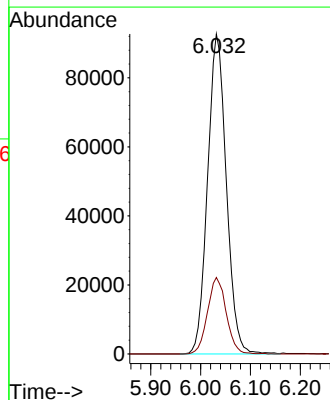
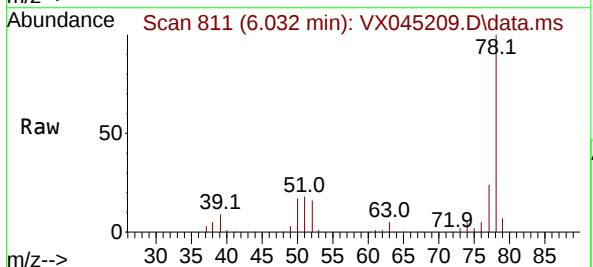
Reviewed By :John Carlone 03/11/2025

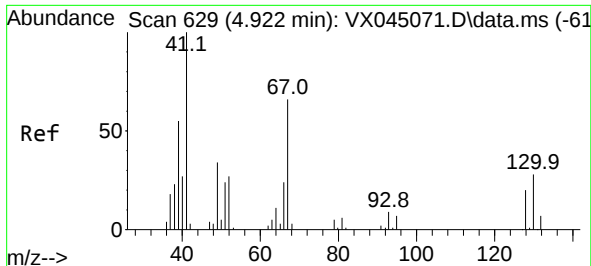
Supervised By :Mahesh Dadoda 03/11/2025



#40
Benzene
Concen: 51.762 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

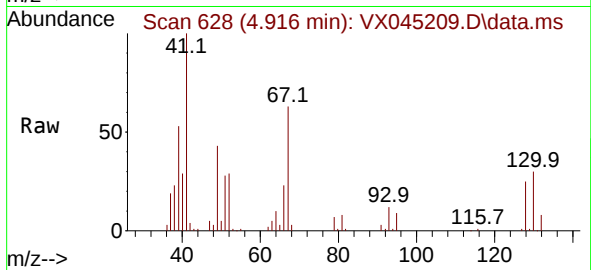
Tgt Ion: 78 Resp: 242037
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2





#41
Methacrylonitrile
Concen: 56.278 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

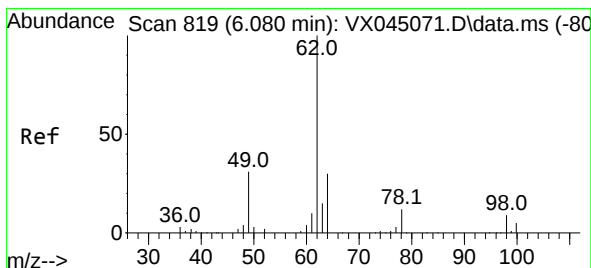
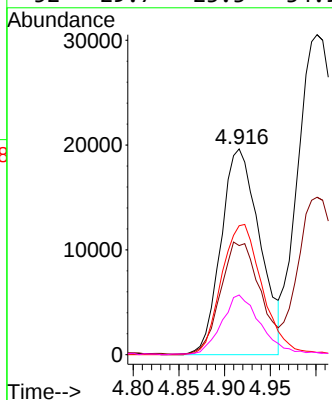
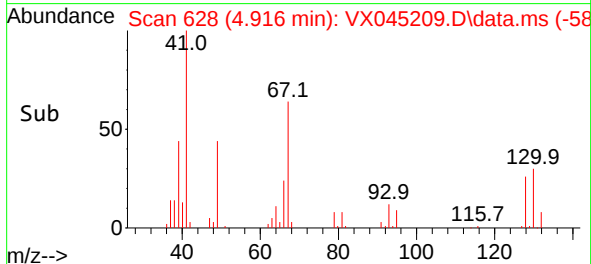
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41	Resp: 58064
Ion Ratio	Lower Upper
41	100
39	55.5 44.6 67.0
67	66.8 53.9 80.9
52	29.7 23.3 34.9

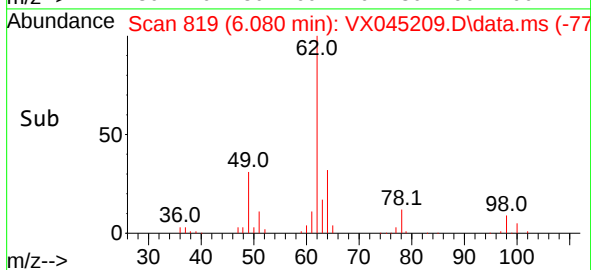
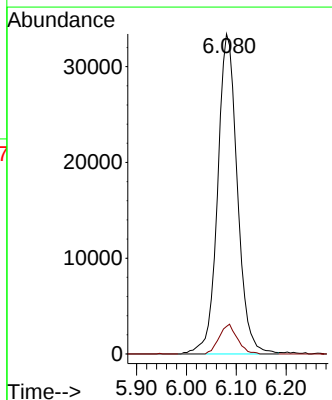
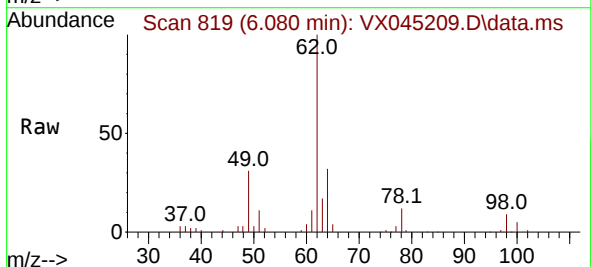
Manual Integrations
APPROVED

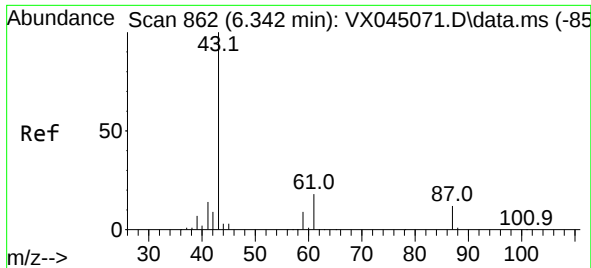
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#42
1,2-Dichloroethane
Concen: 54.587 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

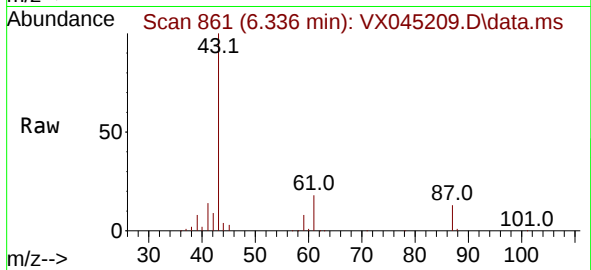
Tgt Ion: 62	Resp: 91915
Ion Ratio	Lower Upper
62	100
98	8.5 0.0 18.2





#43
Isopropyl Acetate
Concen: 56.443 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

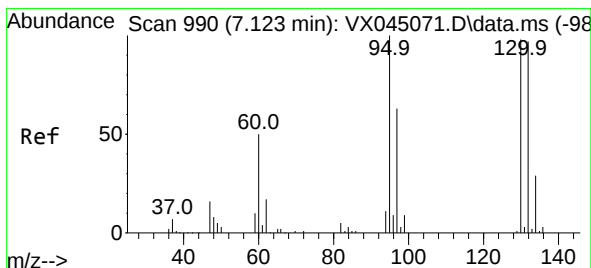
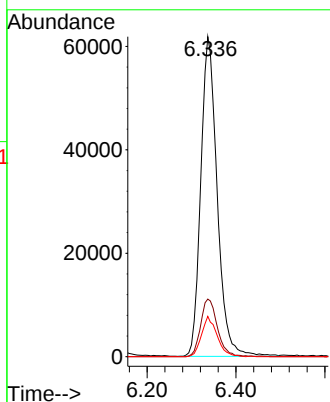
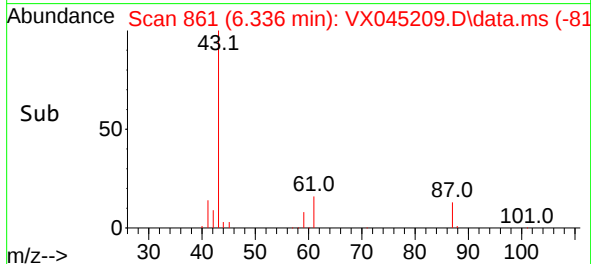
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 159254
Ion Ratio Lower Upper
43 100
61 18.4 14.9 22.3
87 11.9 9.4 14.2

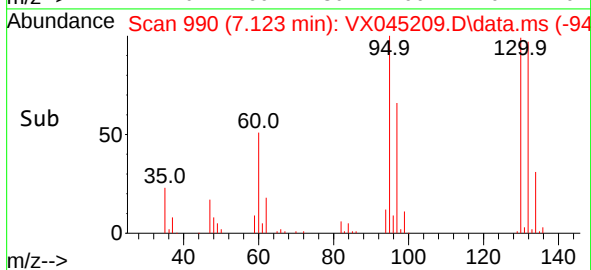
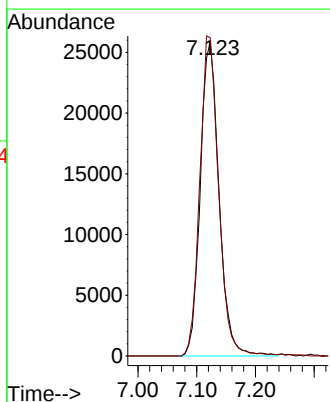
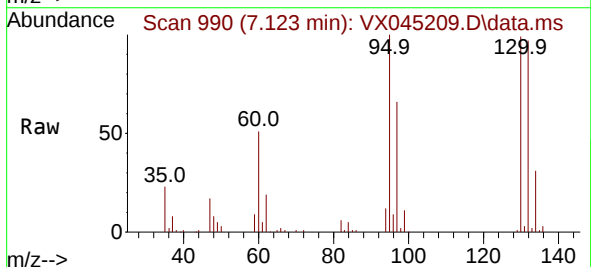
Manual Integrations
APPROVED

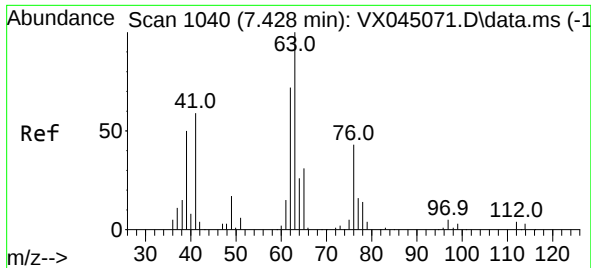
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#44
Trichloroethene
Concen: 52.232 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Tgt Ion:130 Resp: 57349
Ion Ratio Lower Upper
130 100
95 101.5 0.0 205.0





#45

1,2-Dichloropropane

Concen: 52.648 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045209.D

Acq: 10 Mar 2025 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 63290

Ion Ratio Lower Upper

63 100

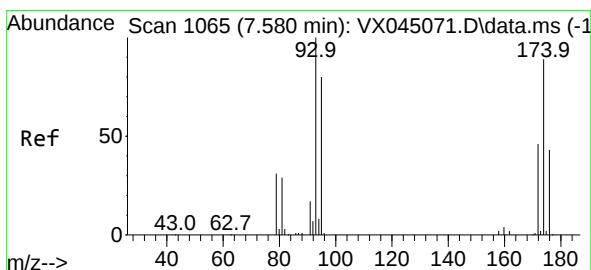
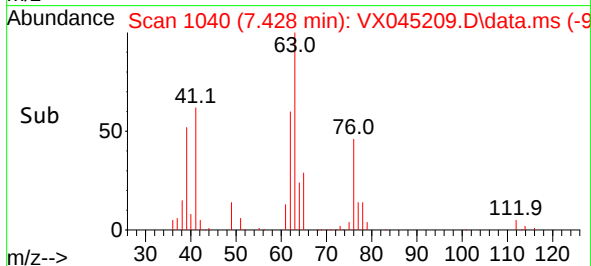
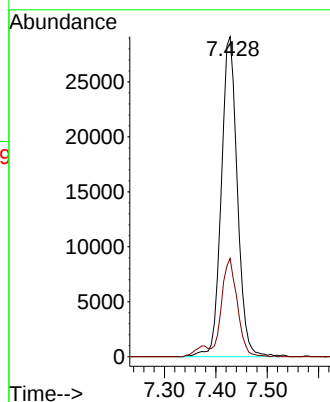
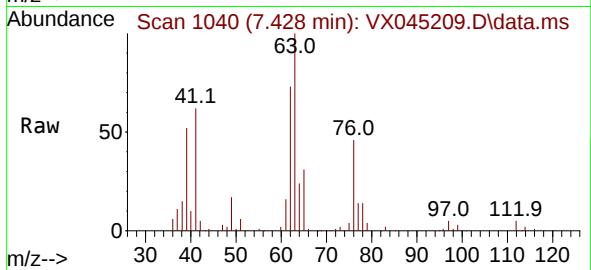
65 30.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#46

Dibromomethane

Concen: 53.887 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045209.D

Acq: 10 Mar 2025 20:17

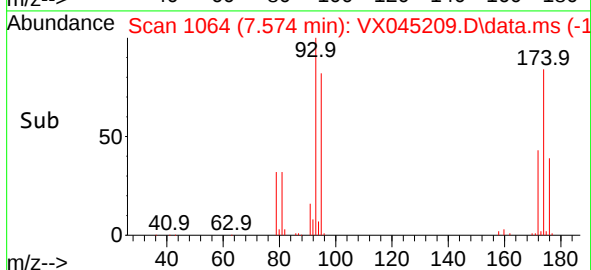
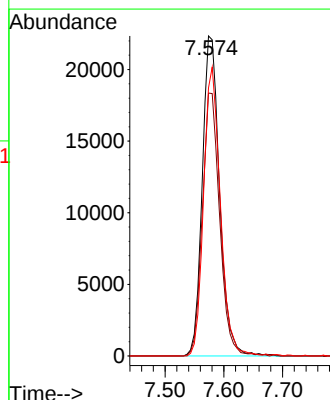
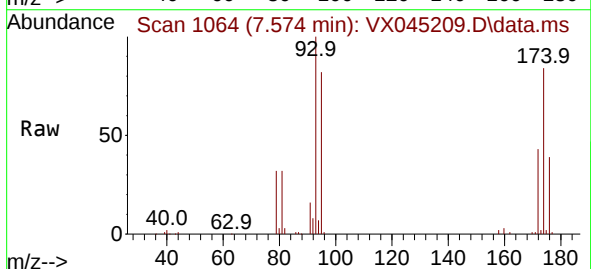
Tgt Ion: 93 Resp: 45791

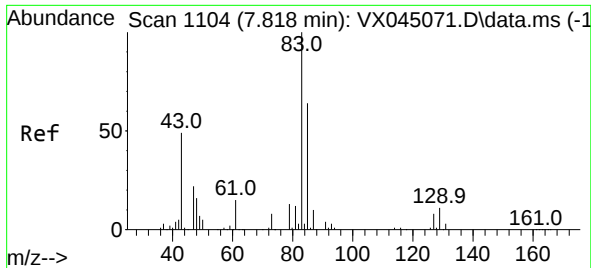
Ion Ratio Lower Upper

93 100

95 82.0 65.8 98.8

174 87.4 72.2 108.2





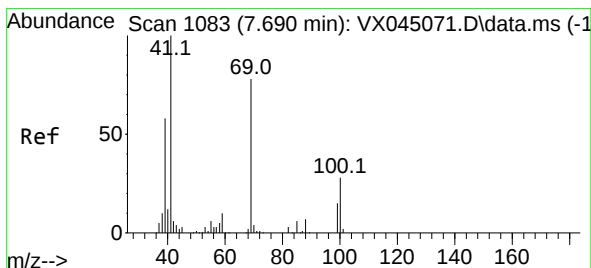
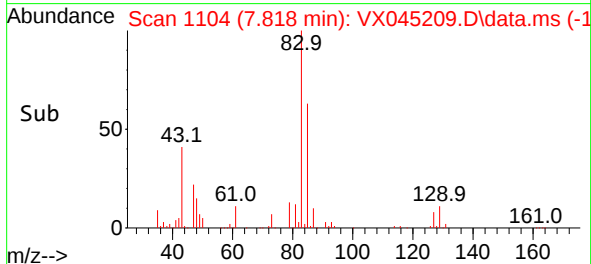
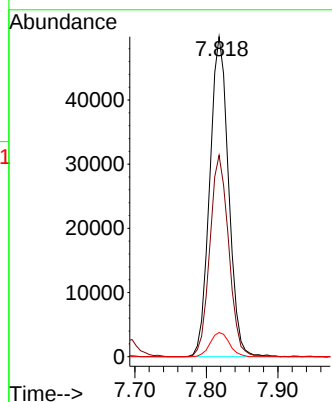
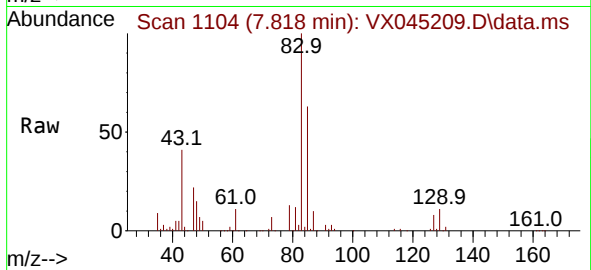
#47
Bromodichloromethane
Concen: 54.648 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 91080
Ion Ratio Lower Upper
83 100
85 62.9 51.1 76.7
127 7.5 6.4 9.6

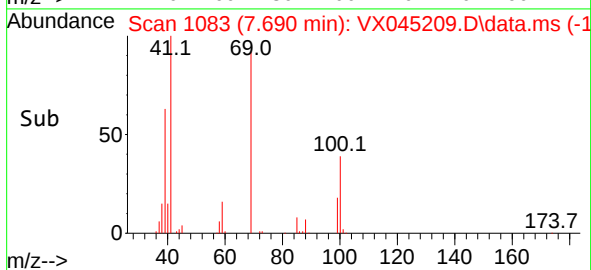
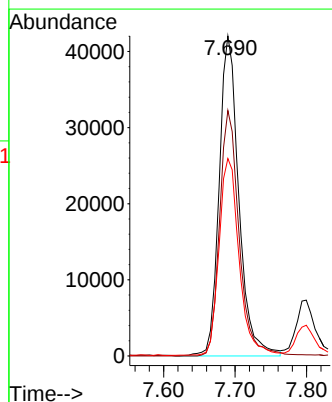
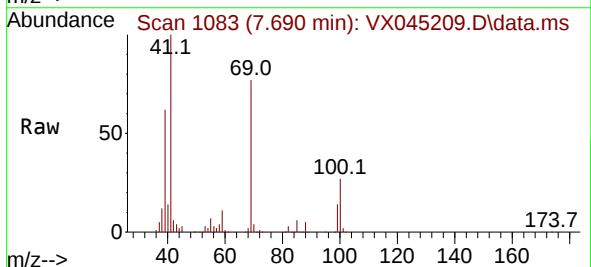
Manual Integrations
APPROVED

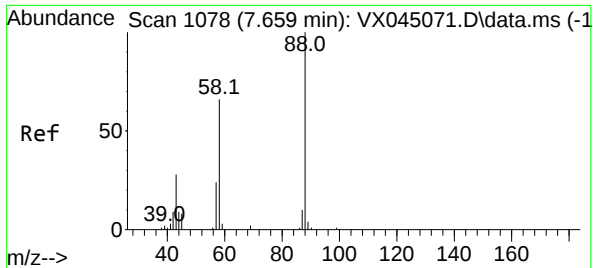
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#48
Methyl methacrylate
Concen: 56.723 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

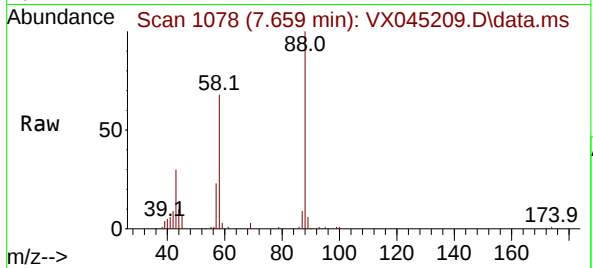
Tgt Ion: 41 Resp: 80293
Ion Ratio Lower Upper
41 100
69 76.4 63.0 94.6
39 63.0 47.5 71.3





#49
1,4-Dioxane
Concen: 961.250 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

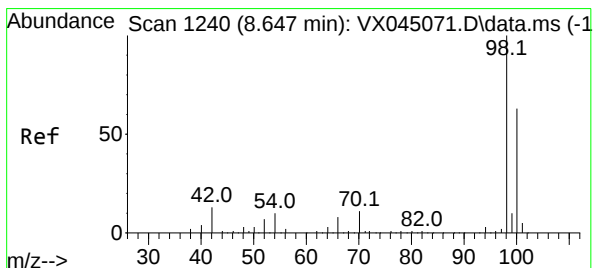
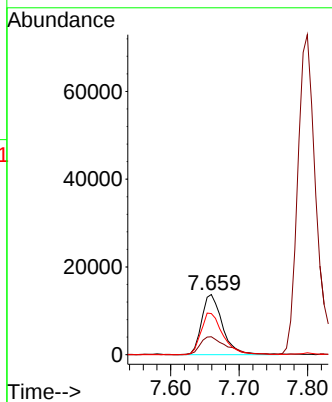
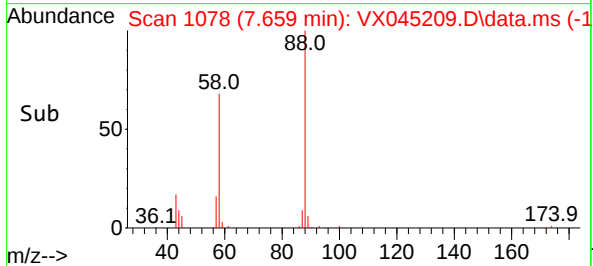
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 28702
Ion Ratio Lower Upper
88 100
43 38.8 28.7 43.1
58 73.2 55.8 83.8

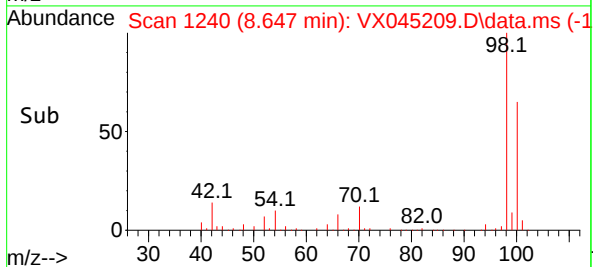
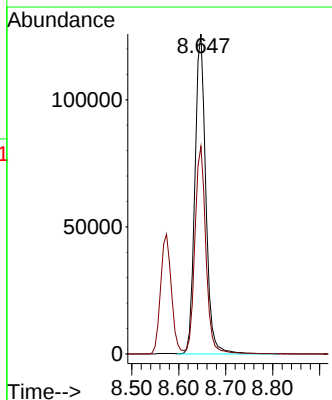
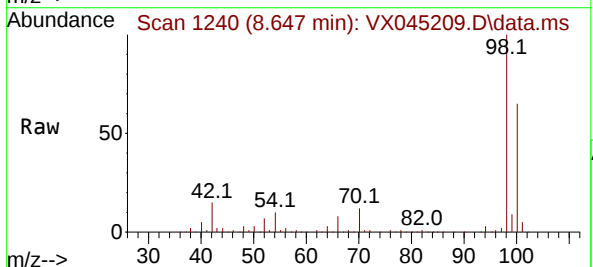
Manual Integrations
APPROVED

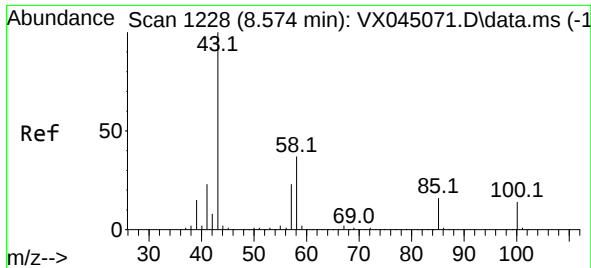
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#50
Toluene-d8
Concen: 52.198 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Tgt Ion: 98 Resp: 204329
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0





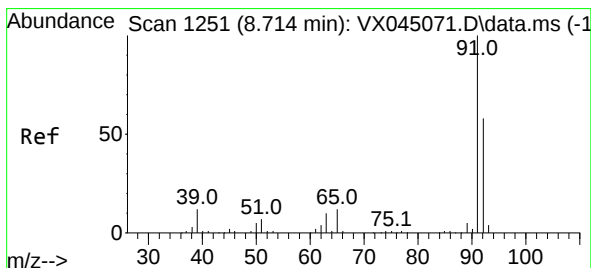
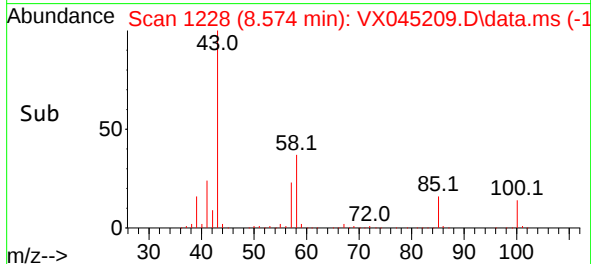
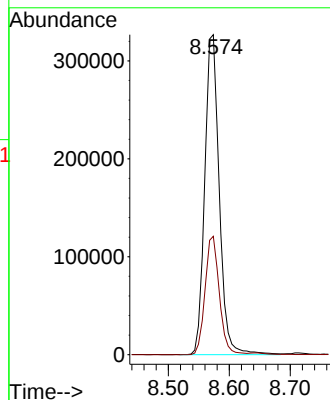
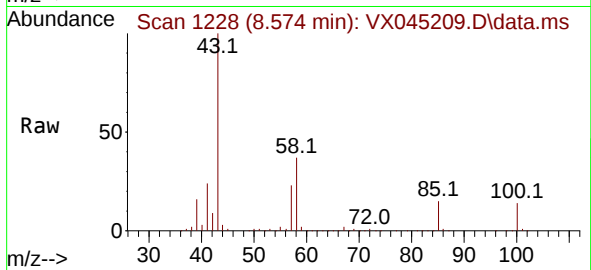
#51
4-Methyl-2-Pentanone
Concen: 285.882 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 54160
Ion Ratio Lower Upper
43 100
58 36.4 29.2 43.8

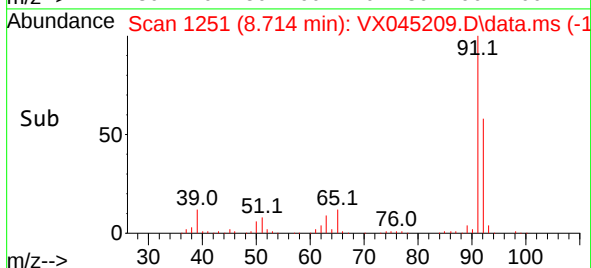
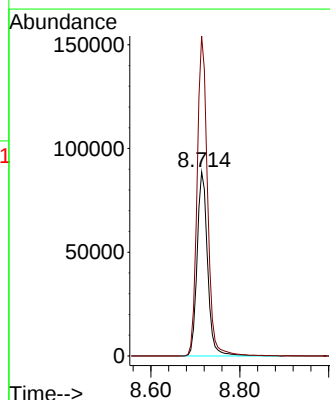
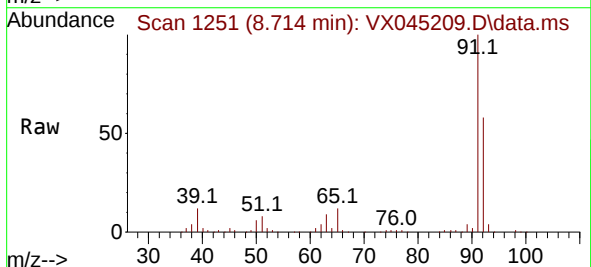
Manual Integrations
APPROVED

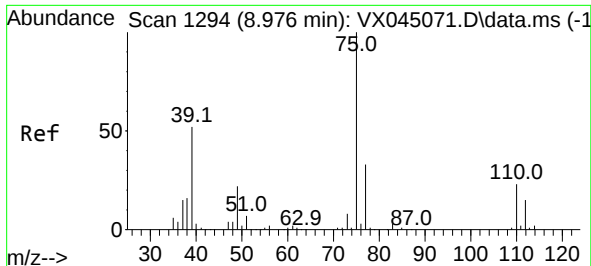
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#52
Toluene
Concen: 52.695 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

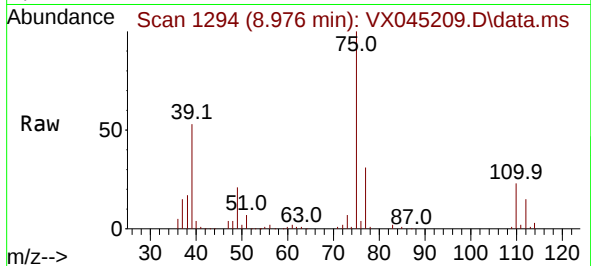
Tgt Ion: 92 Resp: 144568
Ion Ratio Lower Upper
92 100
91 173.1 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 58.132 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

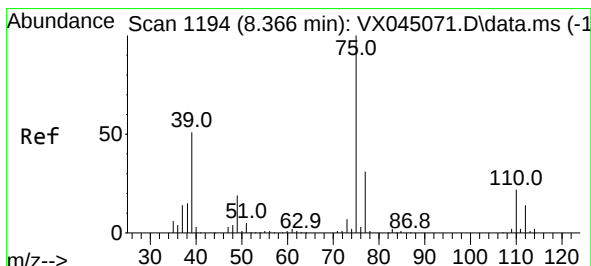
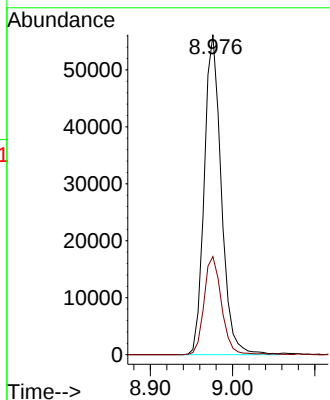
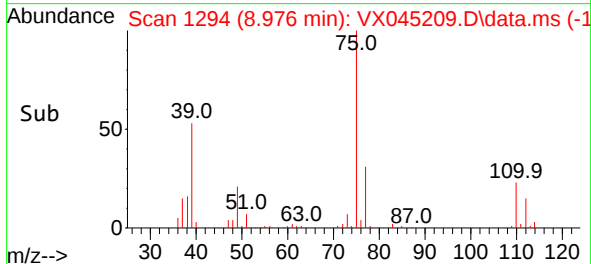
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 8100
Ion Ratio Lower Upper
75 100
77 30.6 26.5 39.7

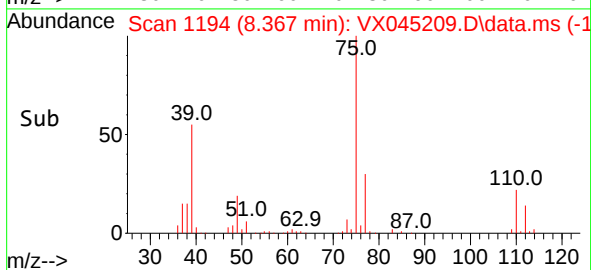
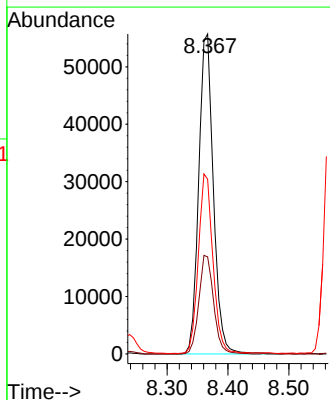
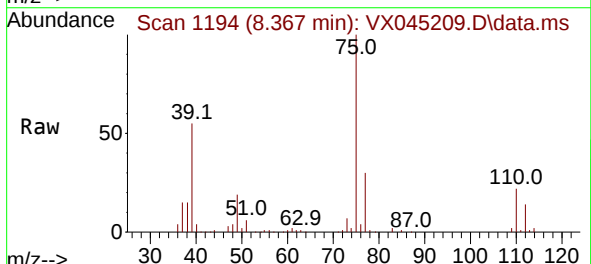
Manual Integrations
APPROVED

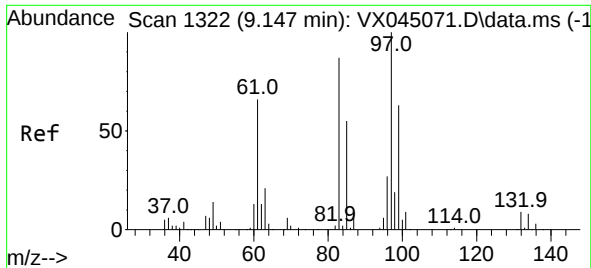
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#54
cis-1,3-Dichloropropene
Concen: 57.309 ug/l
RT: 8.367 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

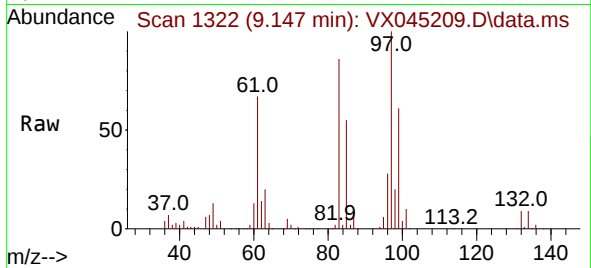
Tgt Ion: 75 Resp: 93121
Ion Ratio Lower Upper
75 100
77 30.4 24.7 37.1
39 54.5 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 53.219 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

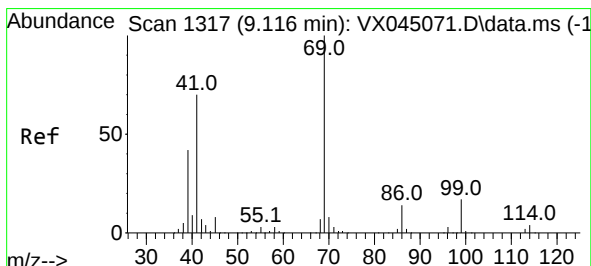
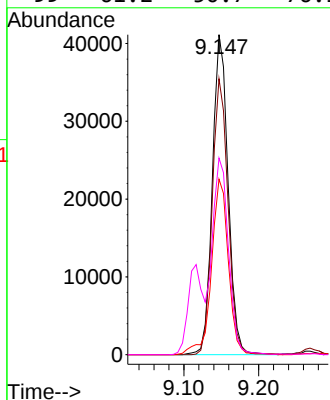
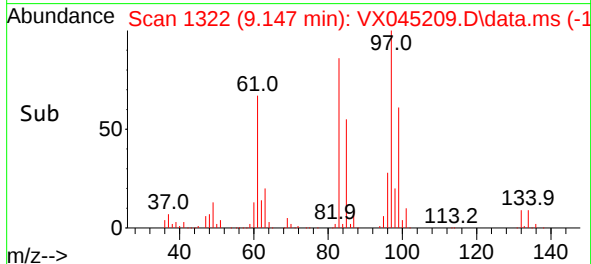
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



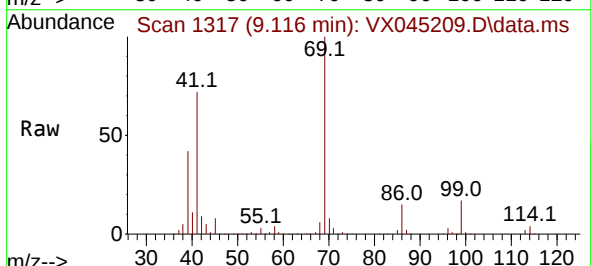
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.4	104.2
85	54.9	44.1	66.1
99	61.2	50.7	76.1

Manual Integrations
APPROVED

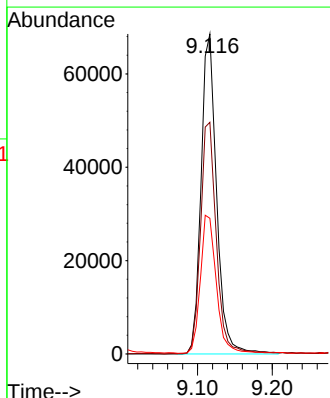
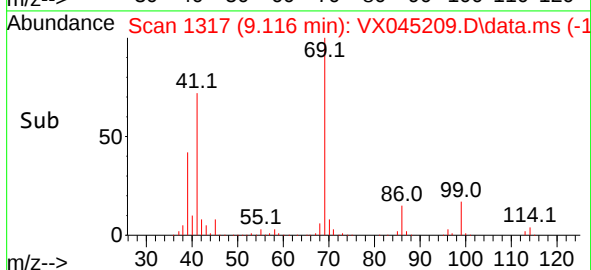
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

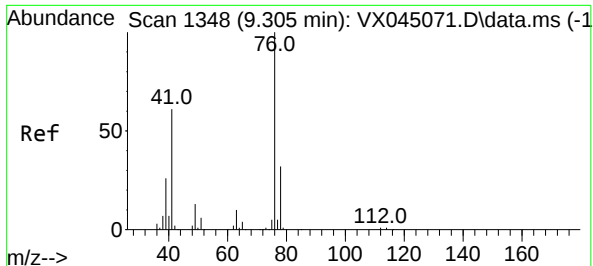


#56
Ethyl methacrylate
Concen: 57.768 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17



Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.2	57.0	85.4
39	44.3	34.2	51.4





#57

1,3-Dichloropropane

Concen: 53.072 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045209.D

Acq: 10 Mar 2025 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 10373

Ion Ratio Lower Upper

76 100

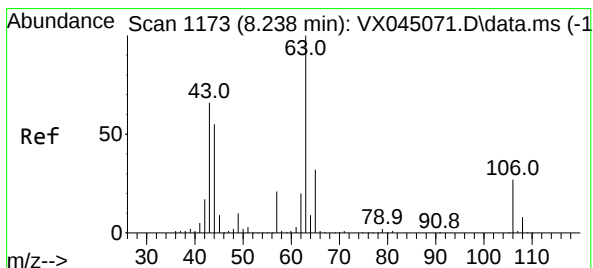
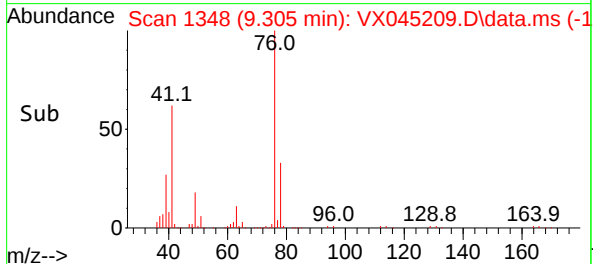
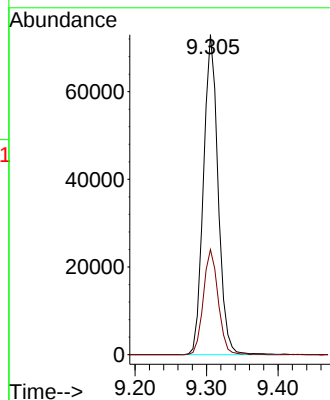
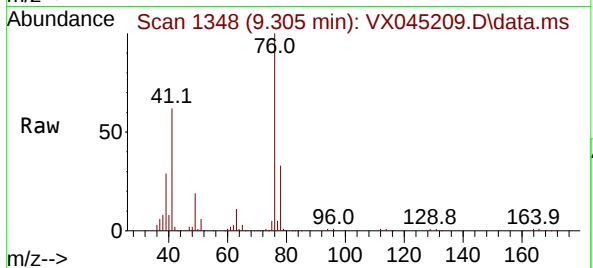
78 33.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 275.041 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045209.D

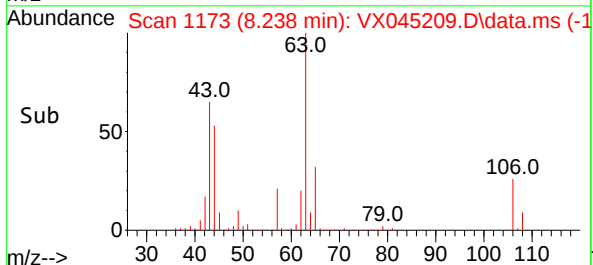
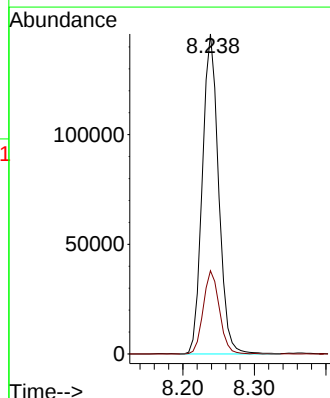
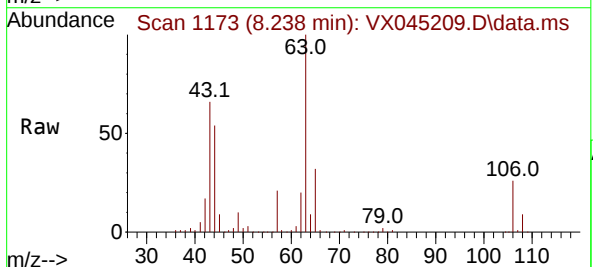
Acq: 10 Mar 2025 20:17

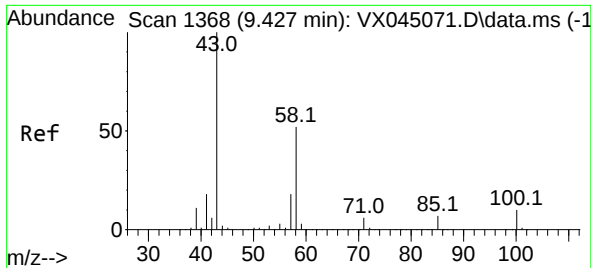
Tgt Ion: 63 Resp: 230339

Ion Ratio Lower Upper

63 100

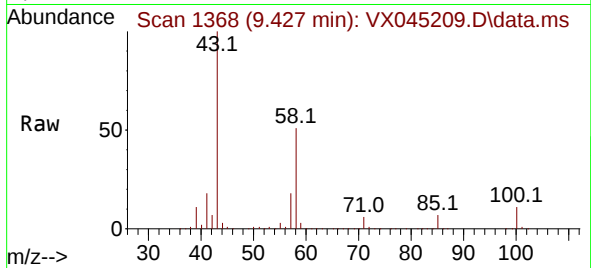
106 25.9 21.5 32.3





#59
2-Hexanone
Concen: 288.929 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

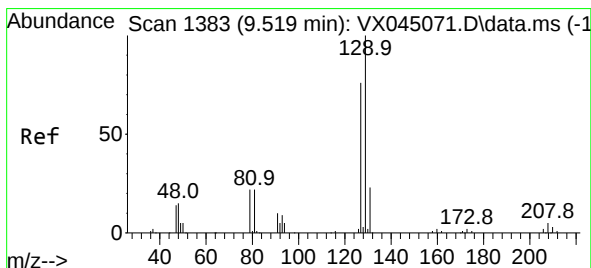
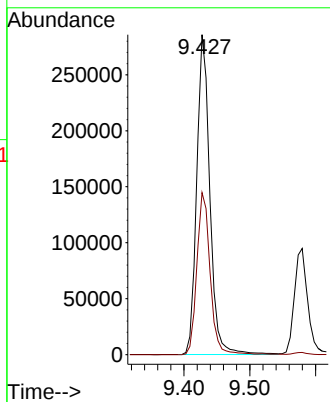
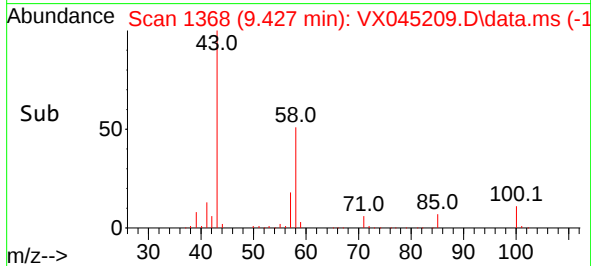
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 396598
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.6

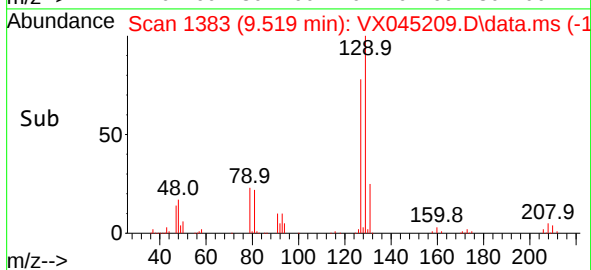
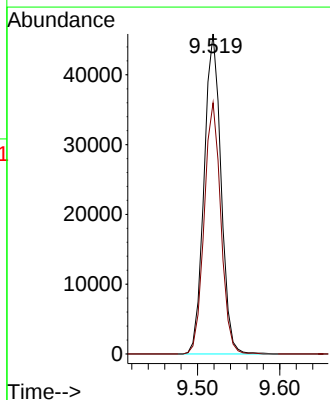
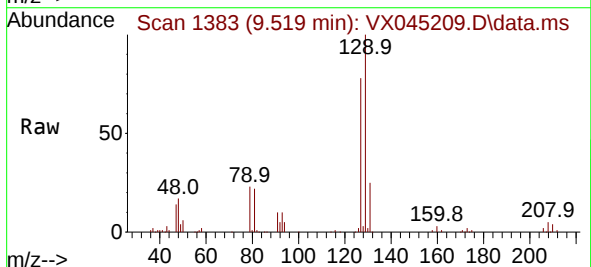
Manual Integrations
APPROVED

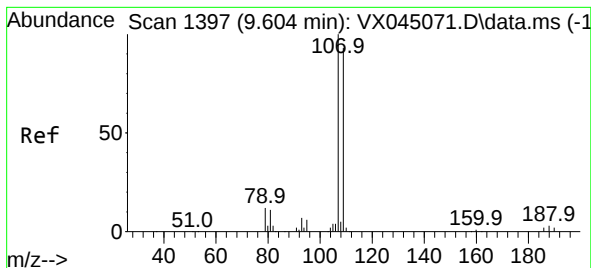
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#60
Dibromochloromethane
Concen: 55.525 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

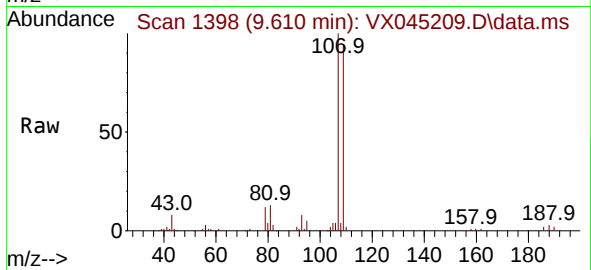
Tgt Ion:129 Resp: 65571
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 53.901 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

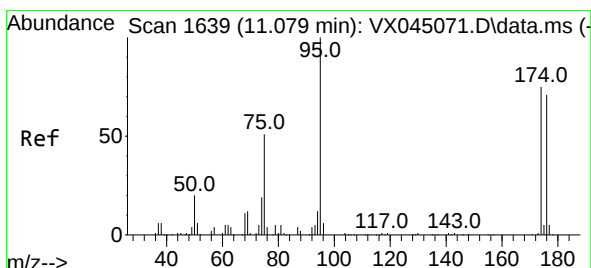
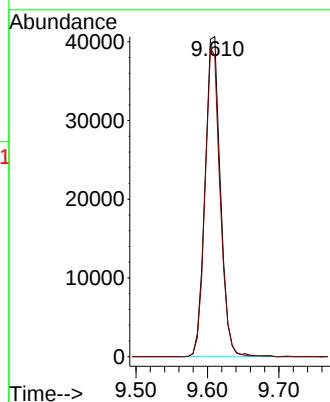
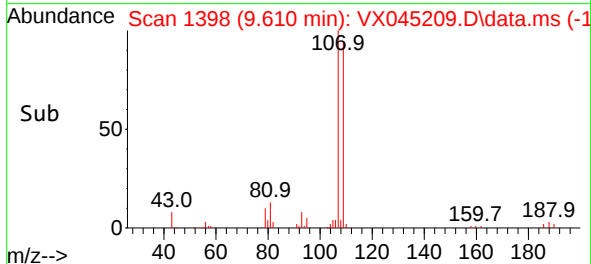
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 60773
Ion Ratio Lower Upper
107 100
109 94.7 76.1 114.1

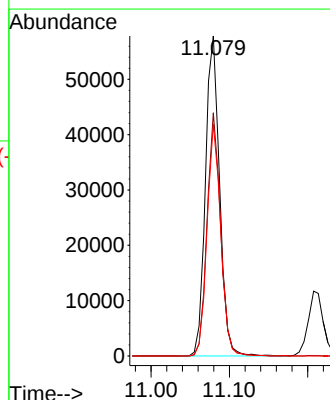
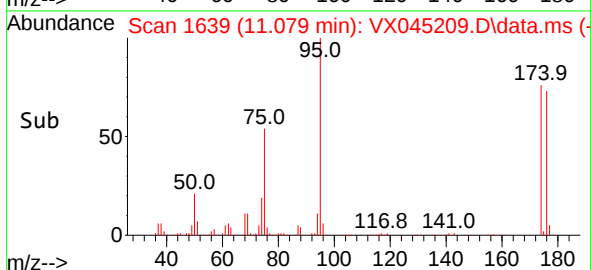
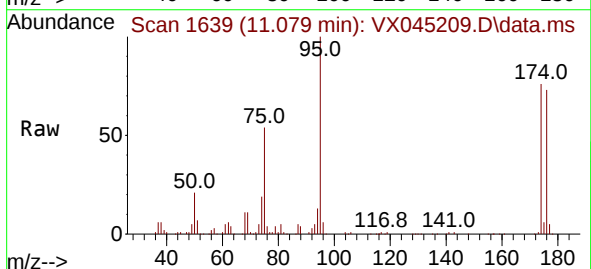
Manual Integrations
APPROVED

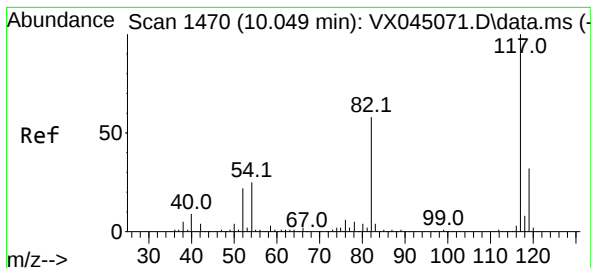
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#62
4-Bromofluorobenzene
Concen: 55.762 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

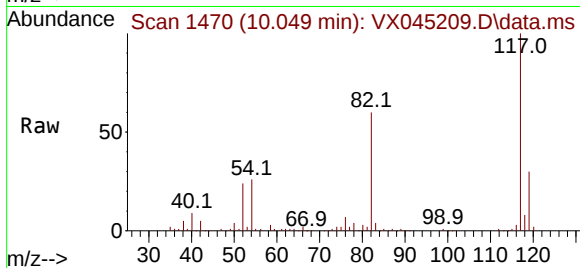
Tgt Ion: 95 Resp: 72332
Ion Ratio Lower Upper
95 100
174 72.6 0.0 148.2
176 69.9 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

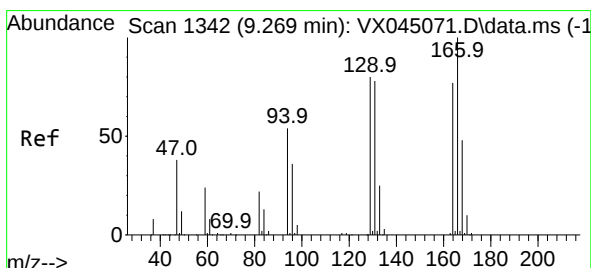
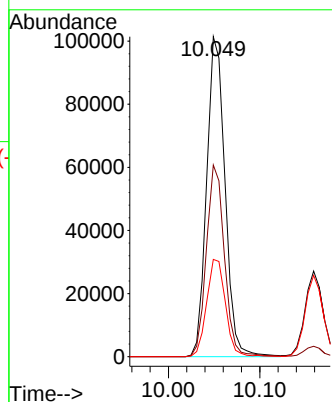
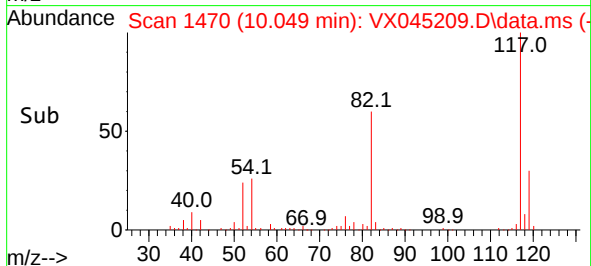
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 141315
Ion Ratio Lower Upper
117 100
82 59.9 46.3 69.5
119 30.4 25.7 38.5

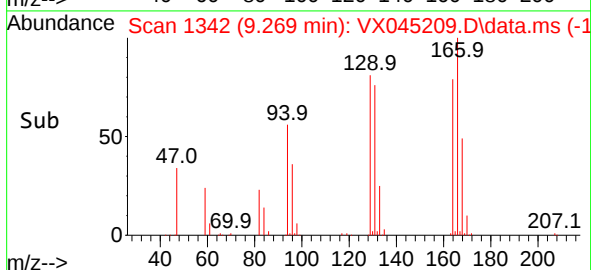
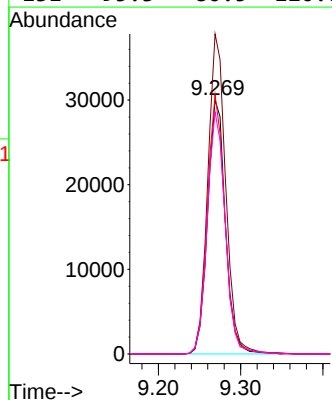
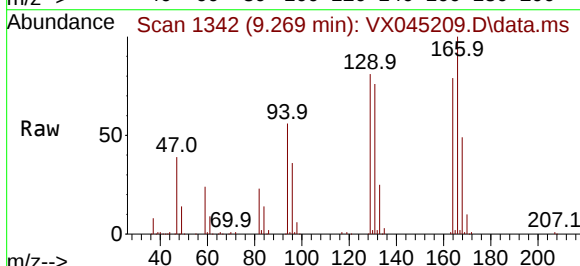
Manual Integrations
APPROVED

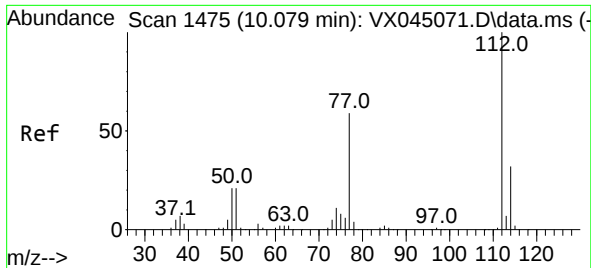
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#64
Tetrachloroethene
Concen: 49.798 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

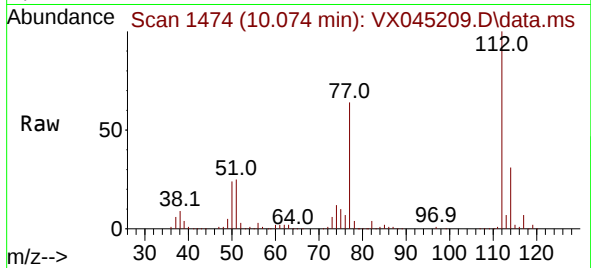
Tgt Ion:164 Resp: 45070
Ion Ratio Lower Upper
164 100
166 126.1 103.6 155.4
129 102.1 82.7 124.1
131 95.3 80.5 120.7





#65
Chlorobenzene
Concen: 51.723 ug/l
RT: 10.074 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

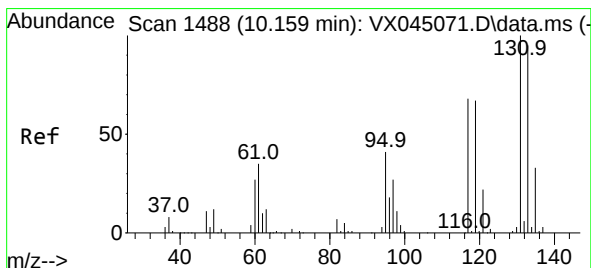
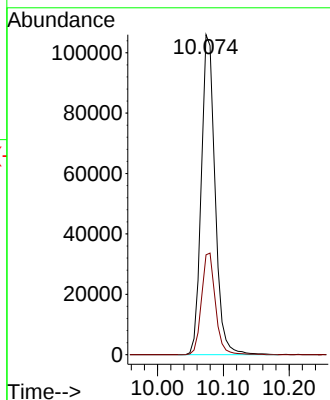
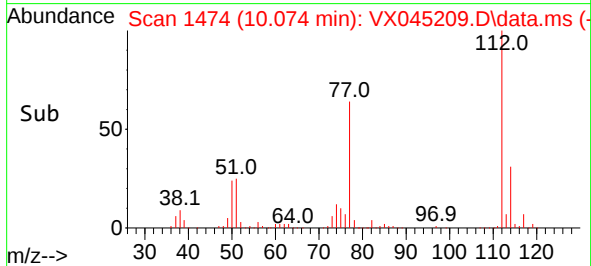
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 154662
Ion Ratio Lower Upper
112 100
114 31.2 26.0 39.0

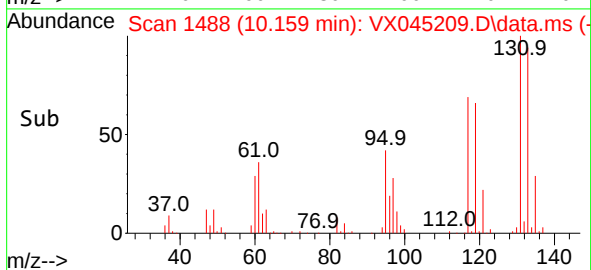
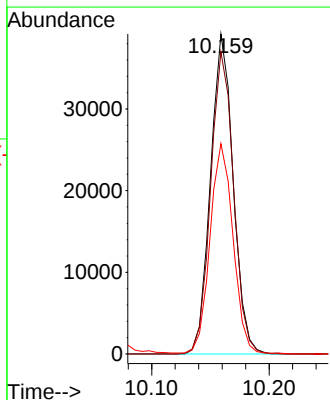
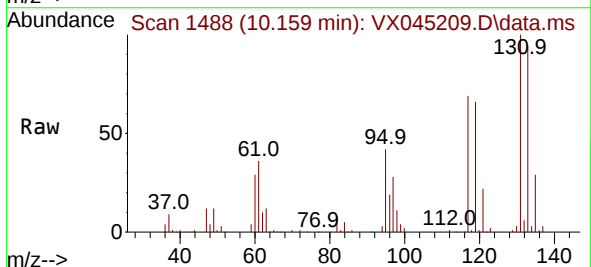
Manual Integrations
APPROVED

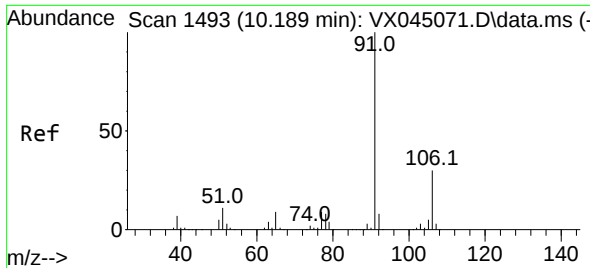
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.665 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

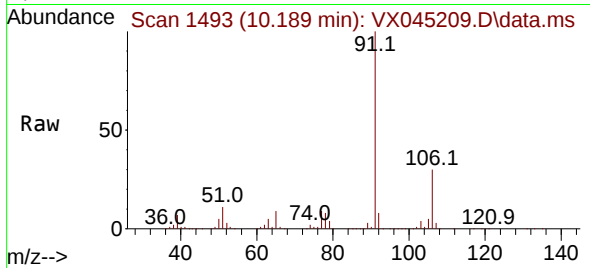
Tgt Ion:131 Resp: 52444
Ion Ratio Lower Upper
131 100
133 95.7 48.6 145.9
119 67.1 33.9 101.7





#67
Ethyl Benzene
Concen: 52.841 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

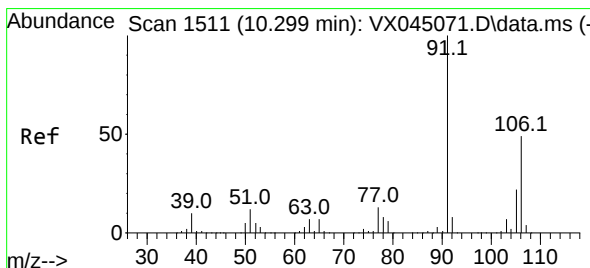
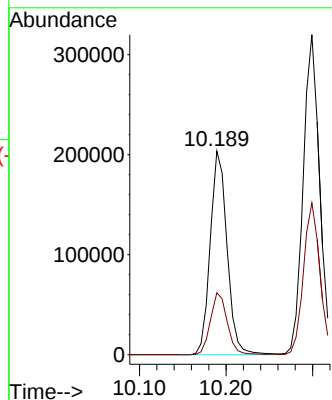
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 275315
Ion Ratio Lower Upper
91 100
106 30.4 23.9 35.9

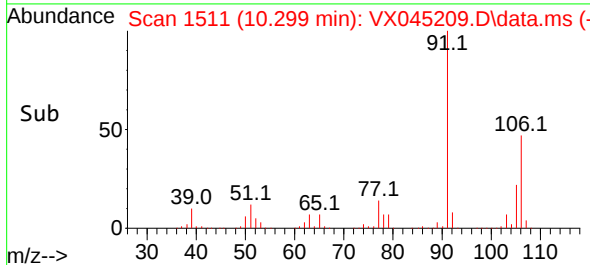
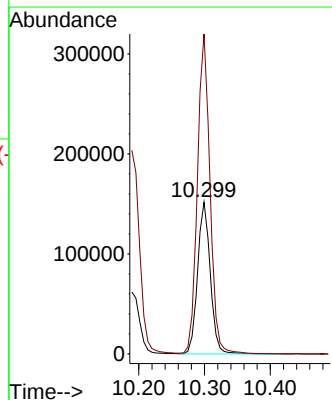
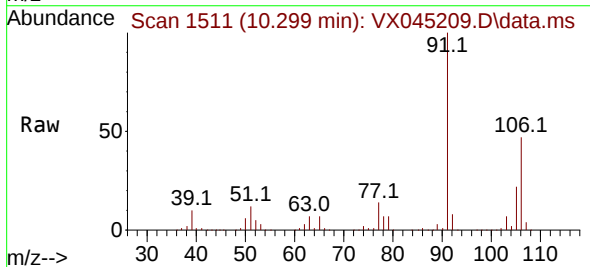
Manual Integrations
APPROVED

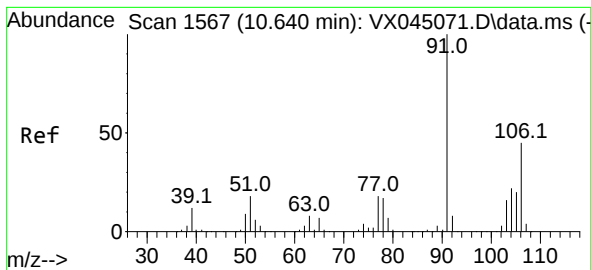
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#68
m/p-Xylenes
Concen: 106.750 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Tgt Ion:106 Resp: 203608
Ion Ratio Lower Upper
106 100
91 209.3 165.4 248.0





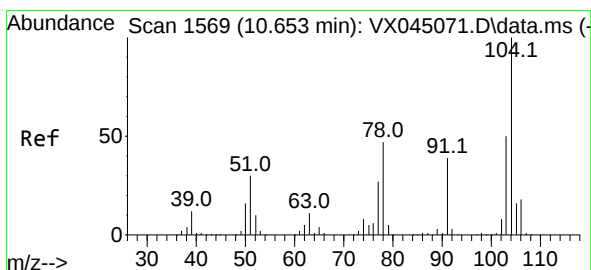
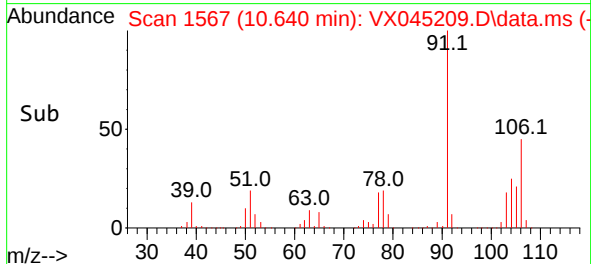
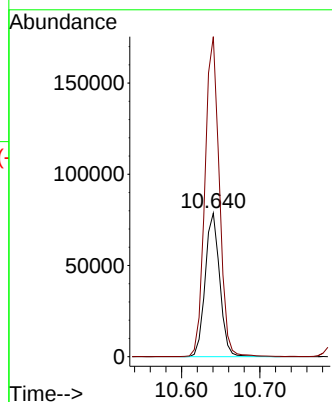
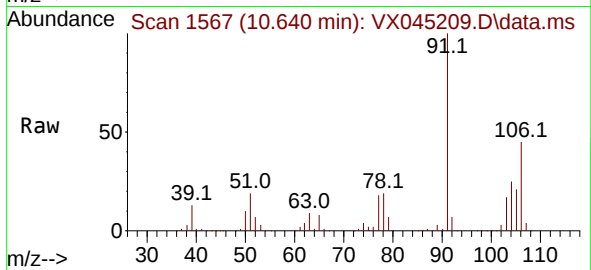
#69
o-Xylene
Concen: 52.621 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 101225
Ion Ratio Lower Upper
106 100
91 221.2 109.9 329.6

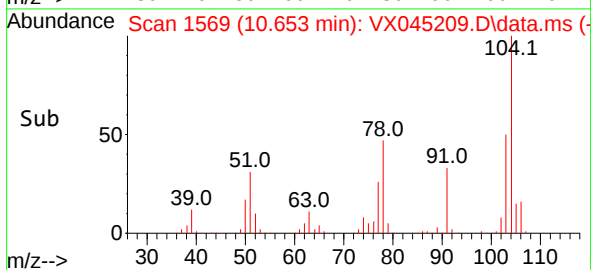
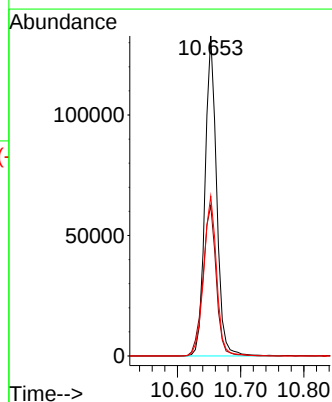
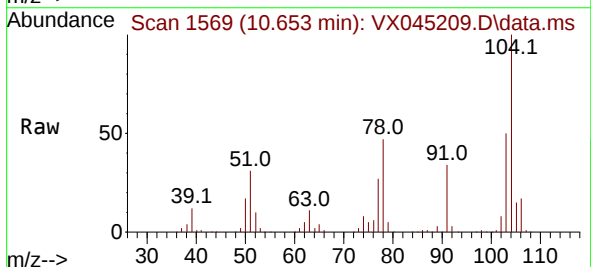
Manual Integrations
APPROVED

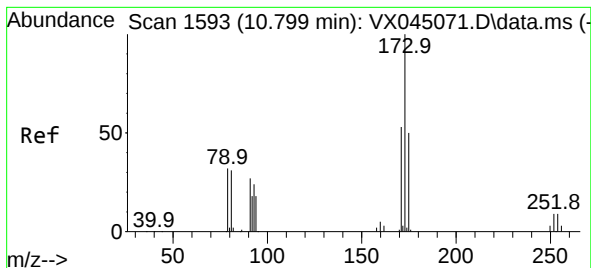
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#70
Styrene
Concen: 54.651 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

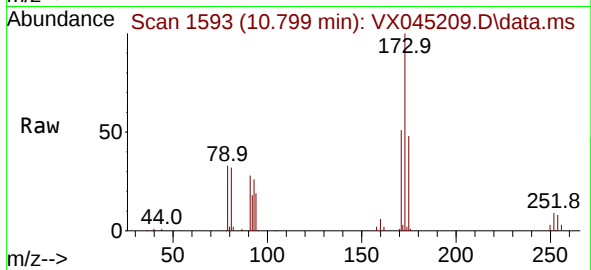
Tgt Ion:104 Resp: 170107
Ion Ratio Lower Upper
104 100
78 53.6 42.2 63.4
103 55.4 43.8 65.8





#71
Bromoform
Concen: 55.820 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

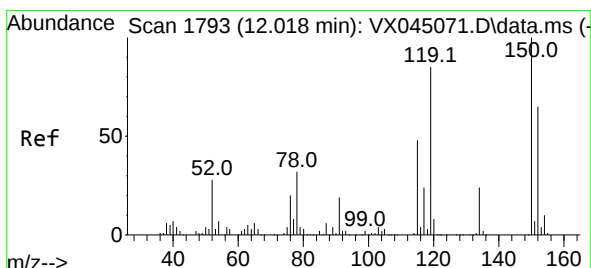
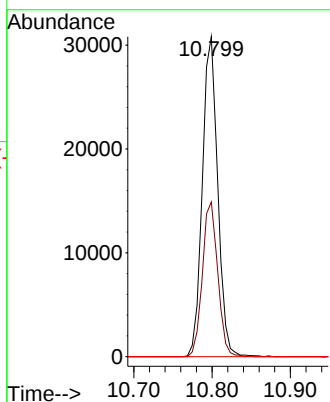
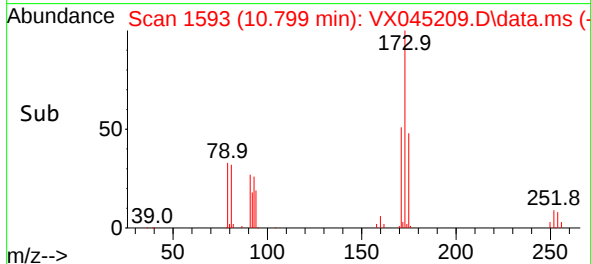
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



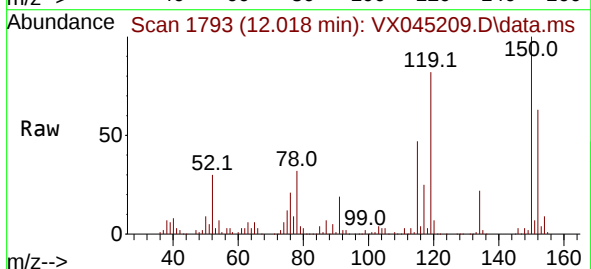
Tgt Ion:173 Resp: 41910
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

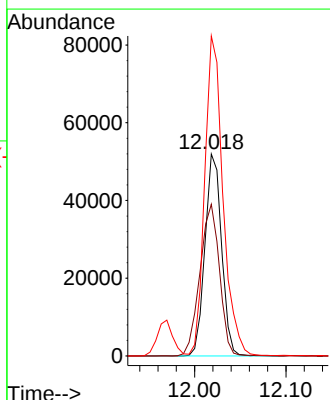
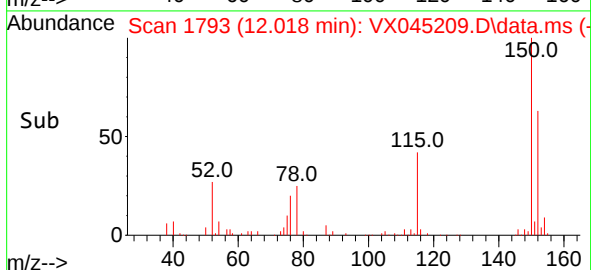
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

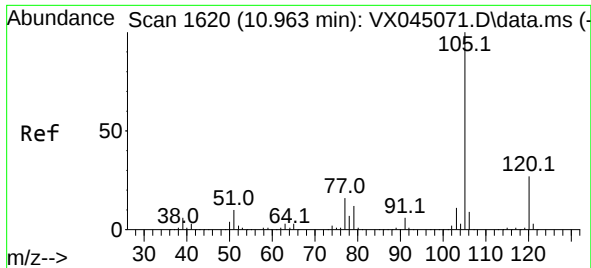


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17



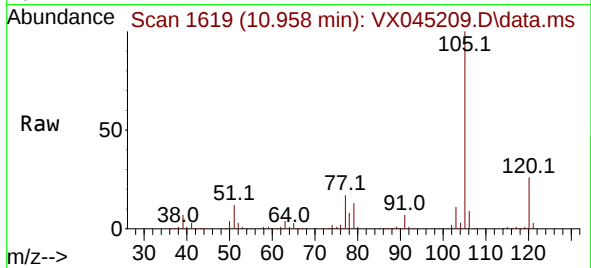
Tgt Ion:152 Resp: 65409
Ion Ratio Lower Upper
152 100
115 88.8 44.2 132.6
150 173.4 0.0 349.0





#73
Isopropylbenzene
Concen: 51.203 ug/l
RT: 10.958 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

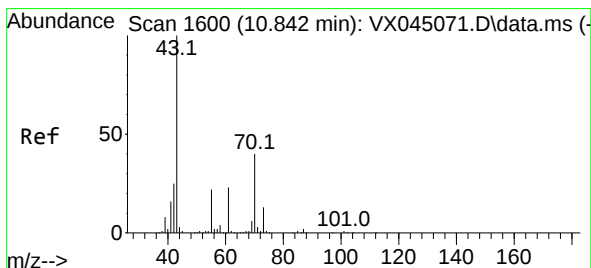
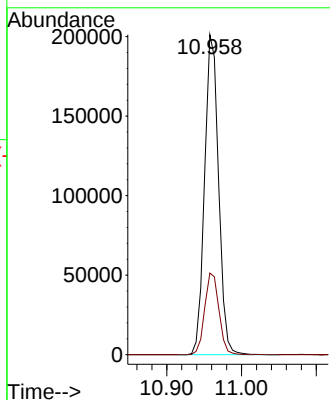
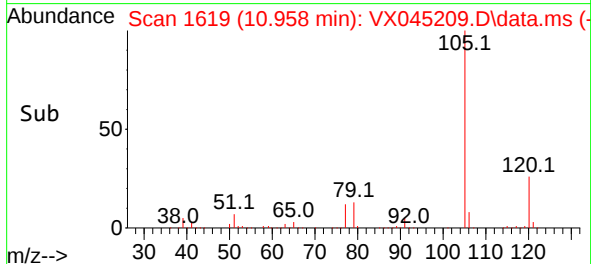
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 261410
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5

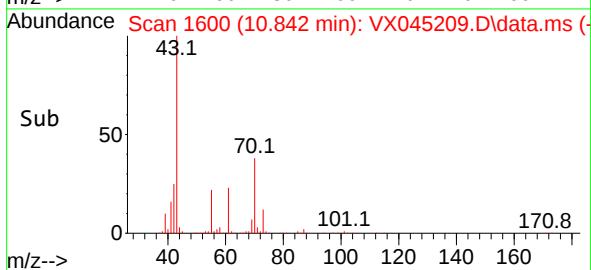
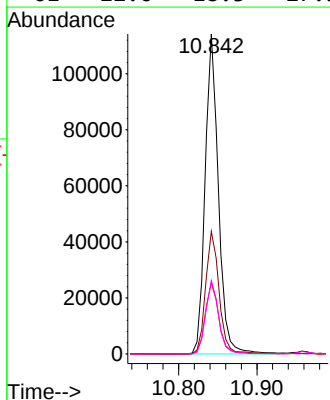
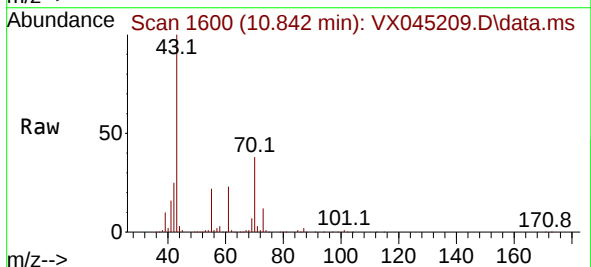
Manual Integrations
APPROVED

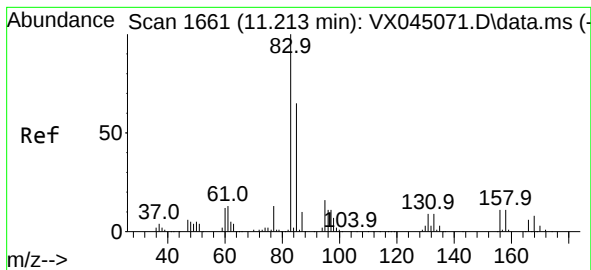
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#74
N-ethyl acetate
Concen: 55.914 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Tgt Ion: 43 Resp: 133947
Ion Ratio Lower Upper
43 100
70 39.3 31.8 47.6
55 23.2 18.3 27.5
61 22.6 18.3 27.5





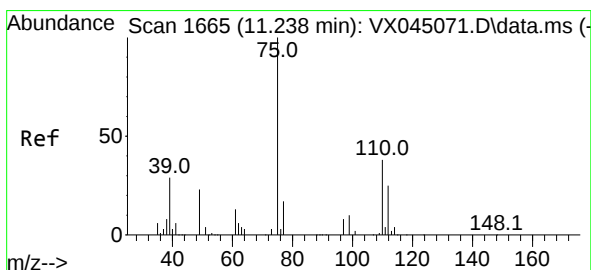
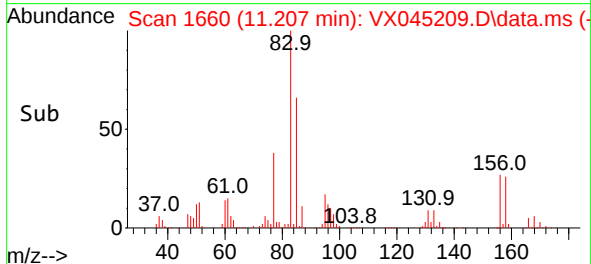
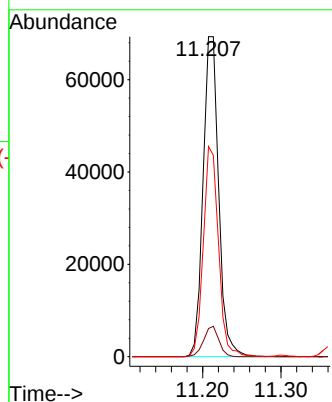
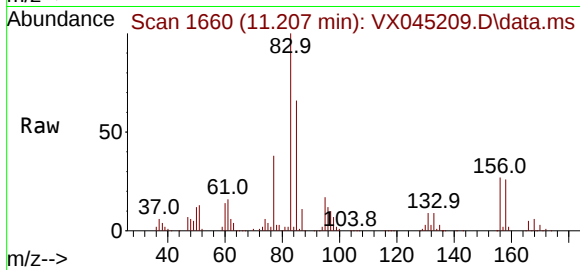
#75
1,1,2,2-Tetrachloroethane
Concen: 51.071 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 95680
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.4
85 63.8 31.7 95.1

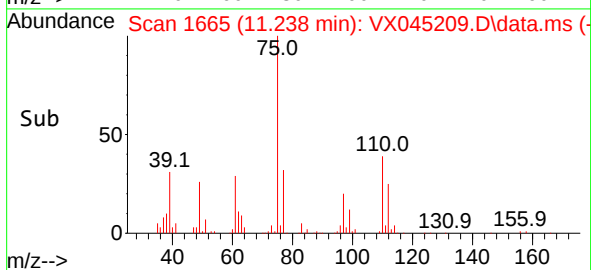
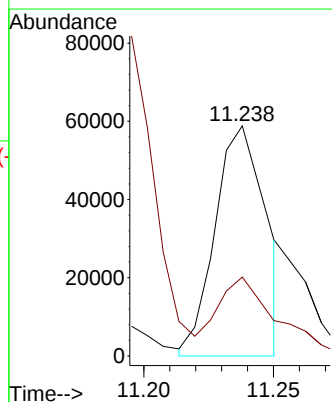
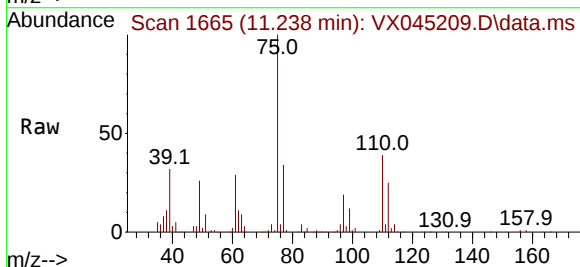
Manual Integrations
APPROVED

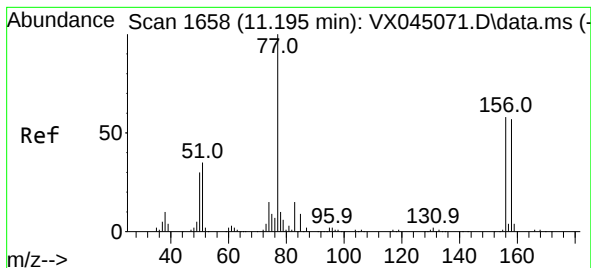
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#76
1,2,3-Trichloropropane
Concen: 52.319 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Tgt Ion: 75 Resp: 79650
Ion Ratio Lower Upper
75 100
77 40.5 20.7 62.1





#77

Bromobenzene

Concen: 50.399 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045209.D

Acq: 10 Mar 2025 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

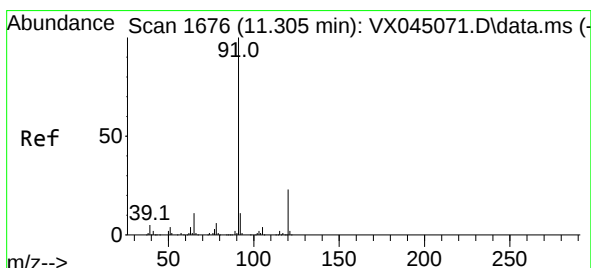
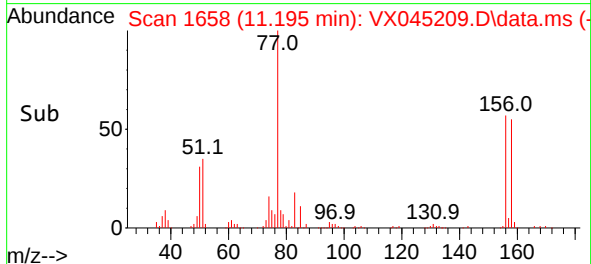
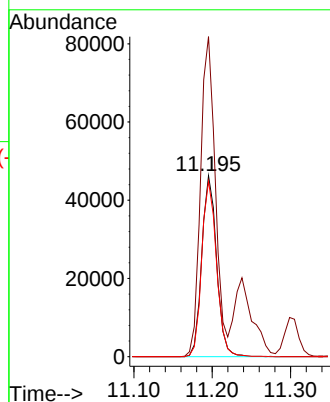
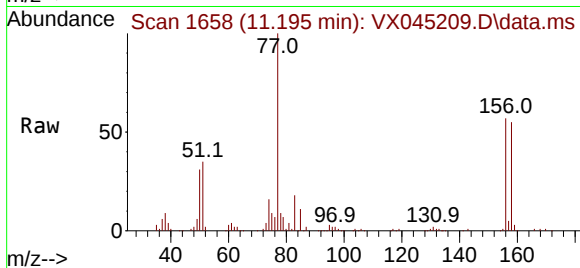
Tgt Ion:	156	Resp:	60709
Ion Ratio	Lower	Upper	
156	100		
77	177.3	85.8	257.4
158	97.0	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#78

n-propylbenzene

Concen: 53.359 ug/l

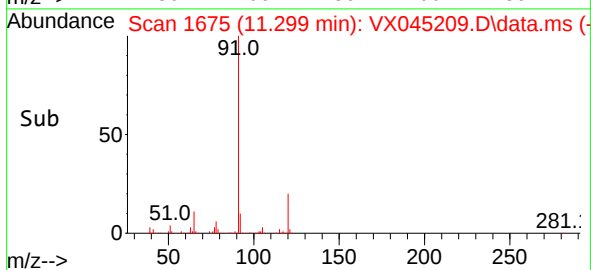
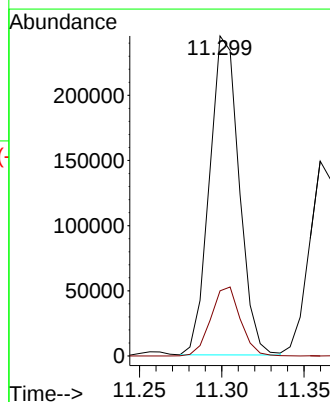
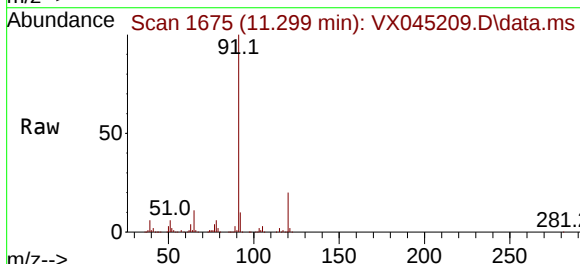
RT: 11.299 min Scan# 1675

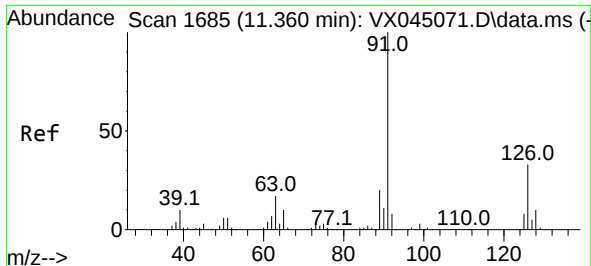
Delta R.T. -0.006 min

Lab File: VX045209.D

Acq: 10 Mar 2025 20:17

Tgt Ion:	91	Resp:	307731
Ion Ratio	Lower	Upper	
91	100		
120	21.6	11.2	33.6





#79

2-Chlorotoluene

Concen: 50.254 ug/l

RT: 11.360 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045209.D

Acq: 10 Mar 2025 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 184579

Ion Ratio Lower Upper

91 100

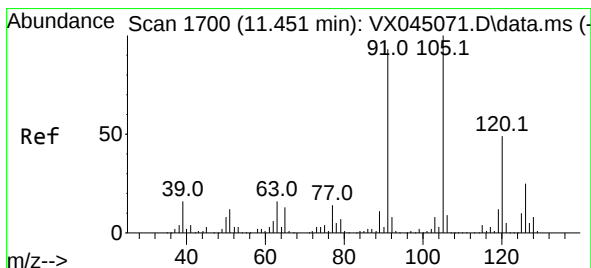
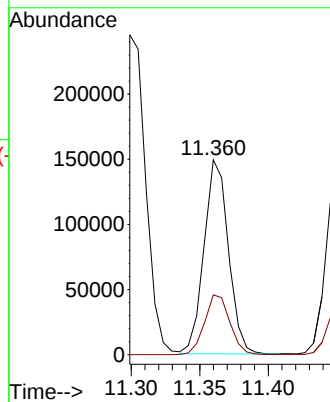
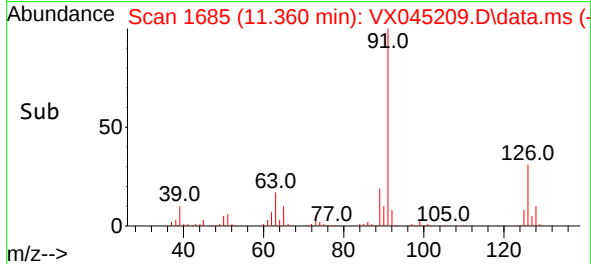
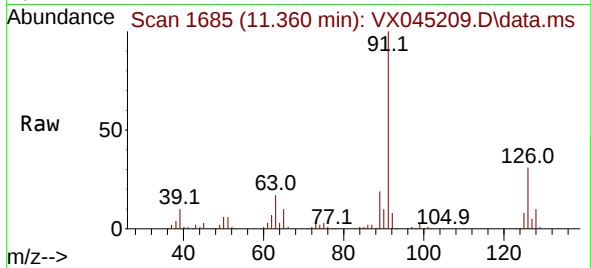
126 32.0 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#80

1,3,5-Trimethylbenzene

Concen: 52.109 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045209.D

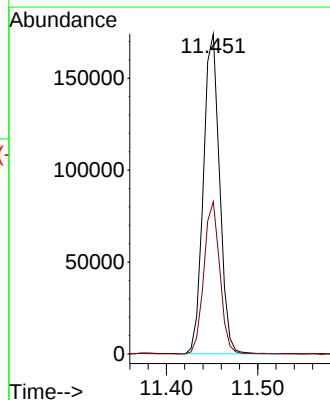
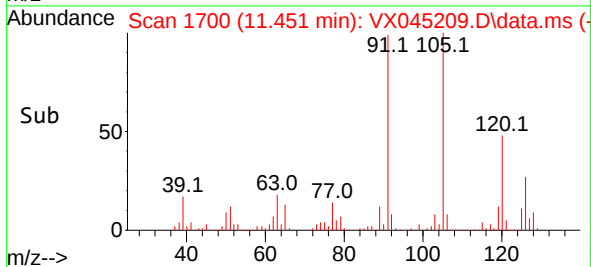
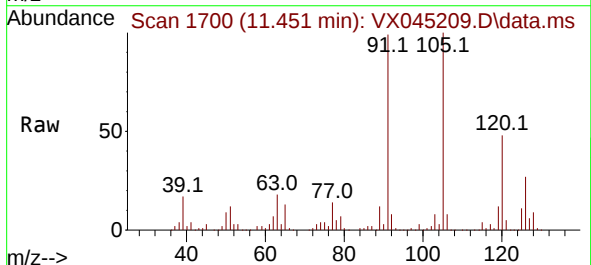
Acq: 10 Mar 2025 20:17

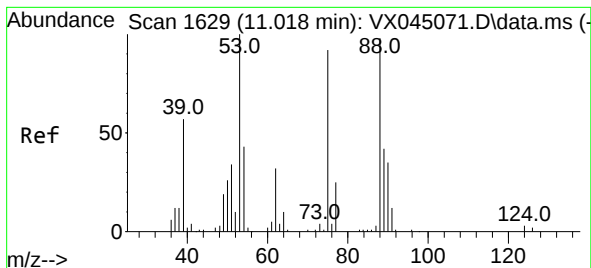
Tgt Ion:105 Resp: 215110

Ion Ratio Lower Upper

105 100

120 46.8 24.1 72.2





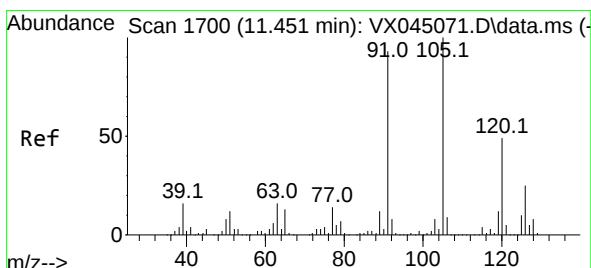
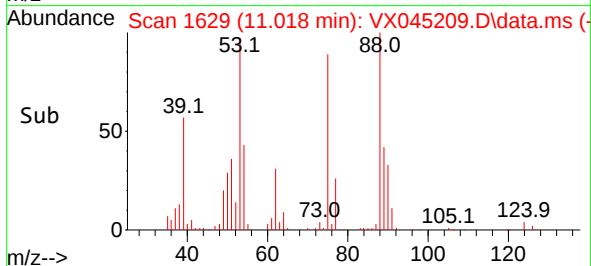
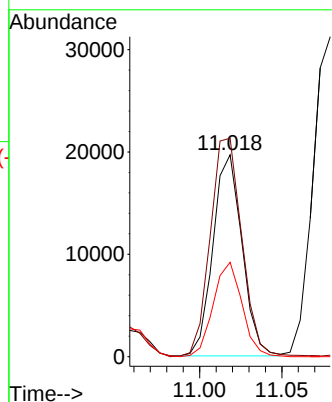
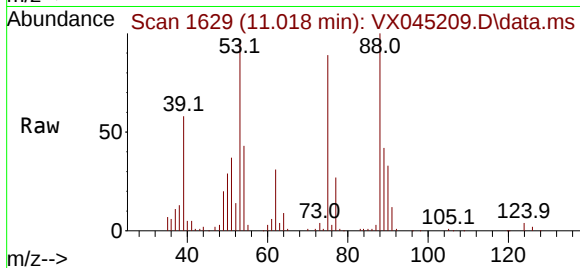
#81
trans-1,4-Dichloro-2-butene
Concen: 54.392 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 2419
Ion Ratio Lower Upper
75 100
53 118.4 88.5 132.7
89 46.4 36.2 54.4

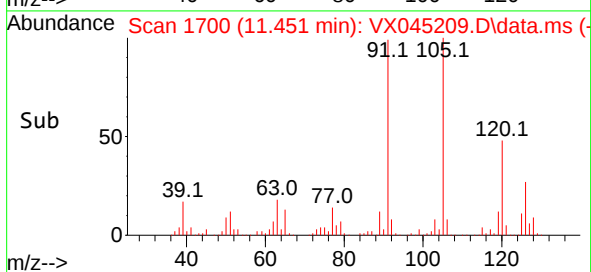
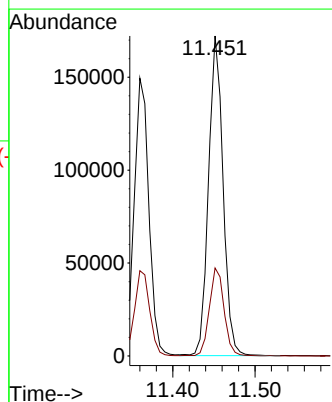
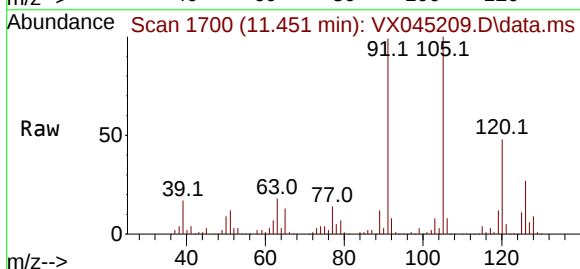
Manual Integrations
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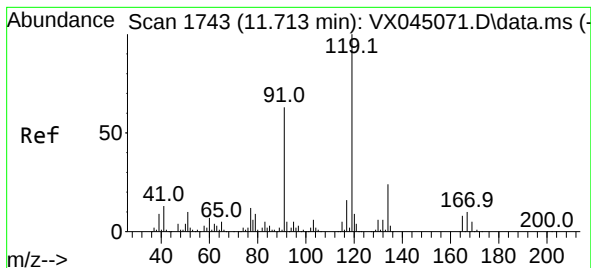
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#82
4-Chlorotoluene
Concen: 52.803 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

Tgt Ion: 91 Resp: 211368
Ion Ratio Lower Upper
91 100
126 27.7 14.1 42.4





#83

tert-Butylbenzene

Concen: 51.306 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045209.D

Acq: 10 Mar 2025 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

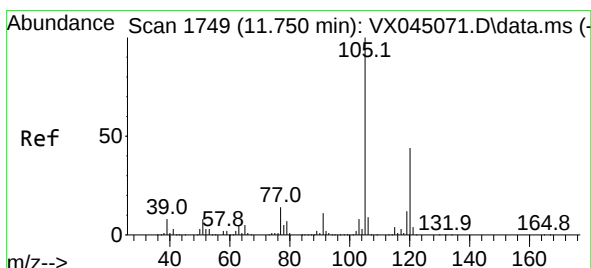
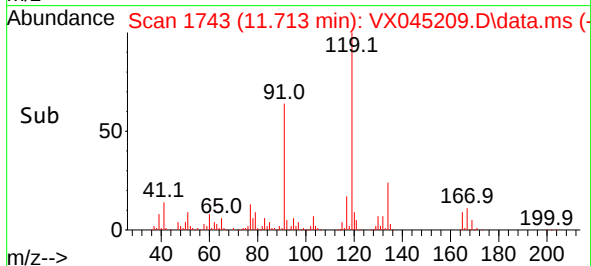
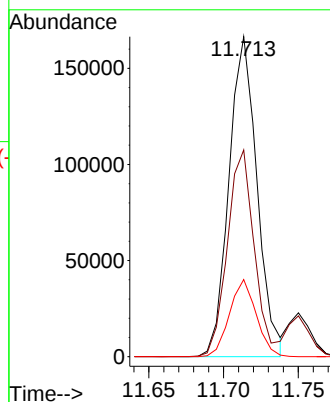
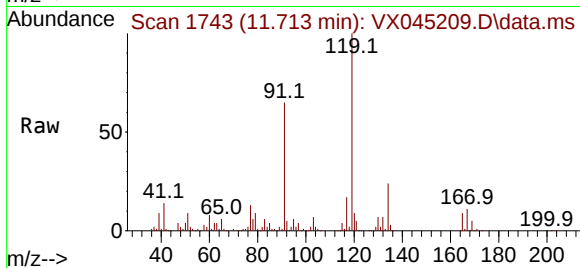
Tgt Ion:119 Resp: 217615
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.7 92.1
 134 22.9 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/11/2025

Supervised By :Mahesh Dadoda 03/11/2025



#84

1,2,4-Trimethylbenzene

Concen: 52.908 ug/l

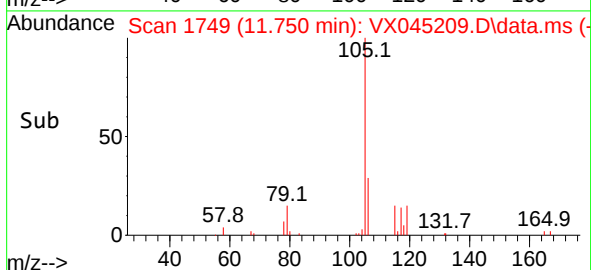
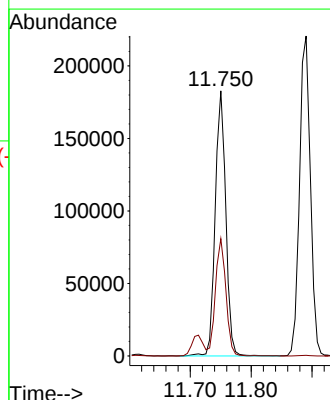
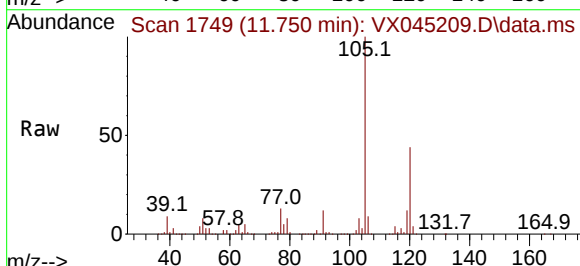
RT: 11.750 min Scan# 1749

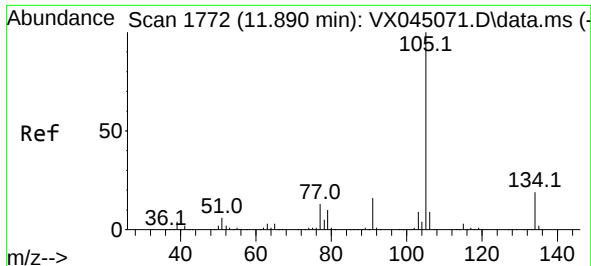
Delta R.T. 0.000 min

Lab File: VX045209.D

Acq: 10 Mar 2025 20:17

Tgt Ion:105 Resp: 219760
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 53.829 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045209.D
 Acq: 10 Mar 2025 20:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

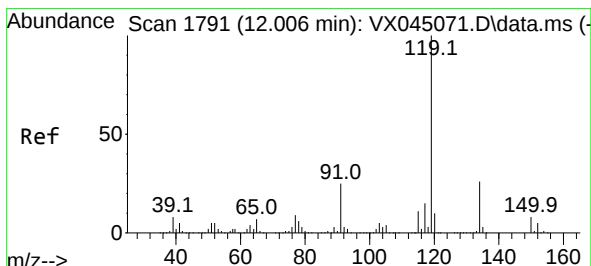
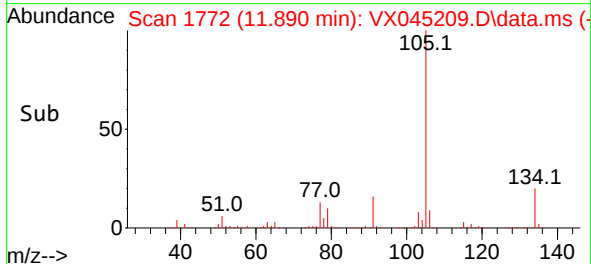
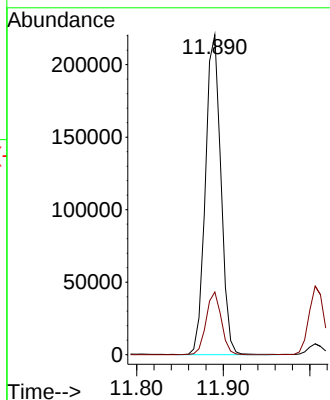
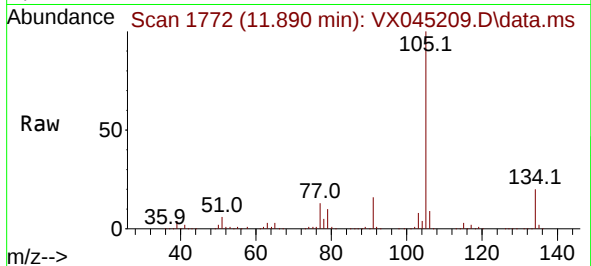
Tgt Ion:105 Resp: 273492
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

Manual Integrations

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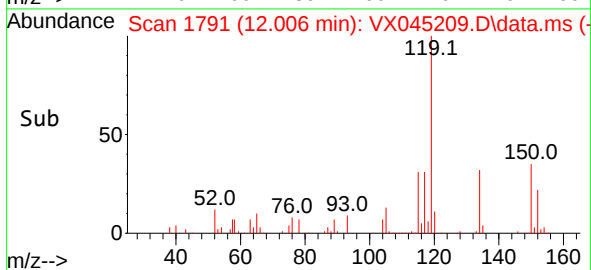
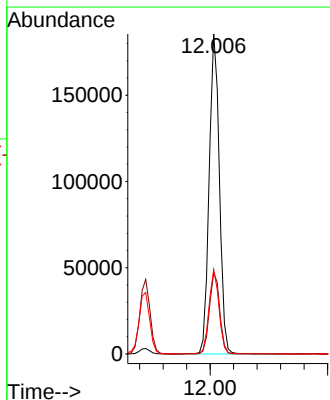
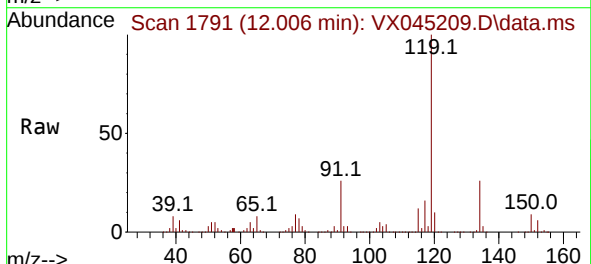
Reviewed By :John Carlone 03/11/2025

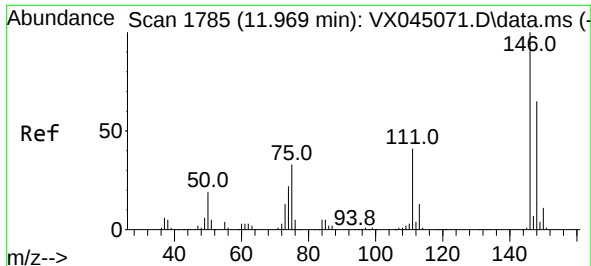
Supervised By :Mahesh Dadoda 03/11/2025



#86
 p-Isopropyltoluene
 Concen: 54.521 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045209.D
 Acq: 10 Mar 2025 20:17

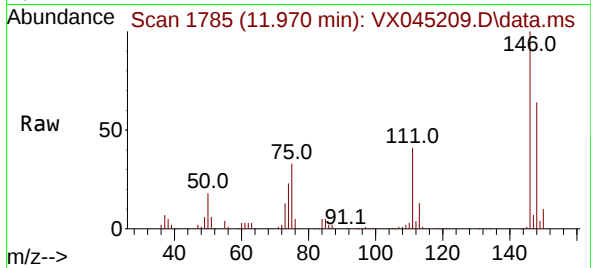
Tgt Ion:119 Resp: 223861
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 25.6 12.7 38.0





#87
1,3-Dichlorobenzene
Concen: 51.396 ug/l
RT: 11.970 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

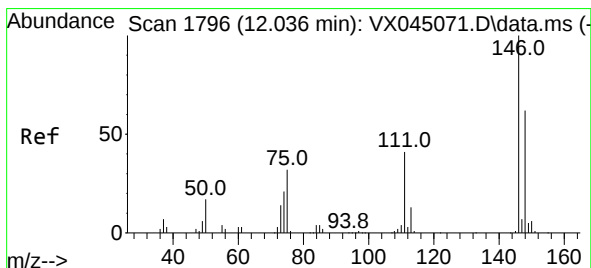
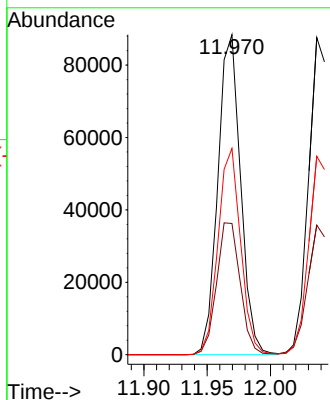
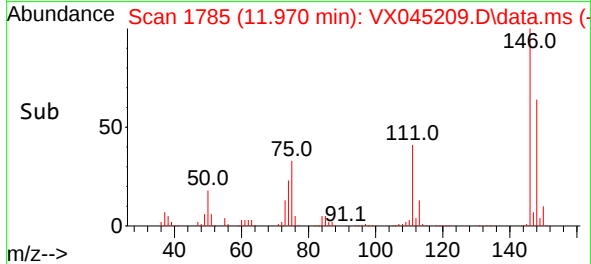
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



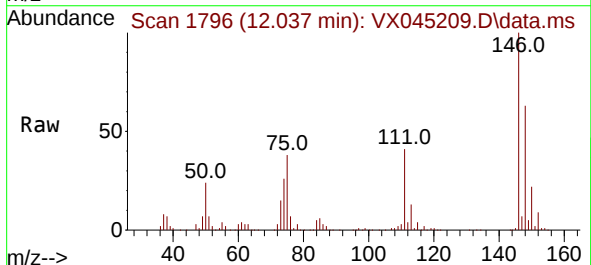
Tgt Ion:146 Resp: 11044
Ion Ratio Lower Upper
146 100
111 42.8 21.1 63.4
148 64.0 31.9 95.7

Manual Integrations
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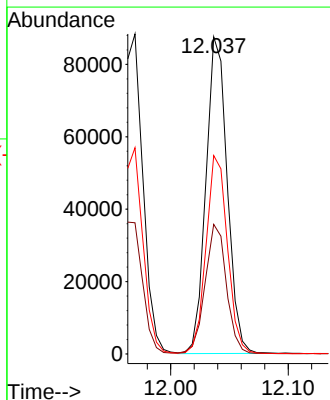
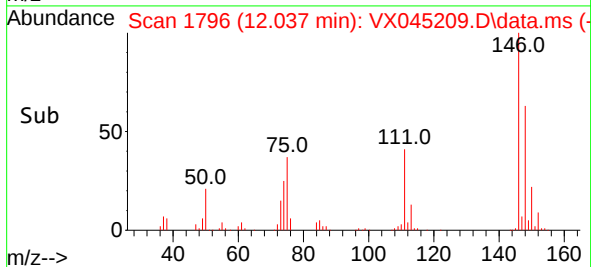
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

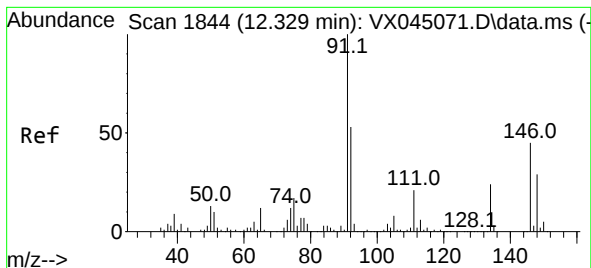


#88
1,4-Dichlorobenzene
Concen: 50.623 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17



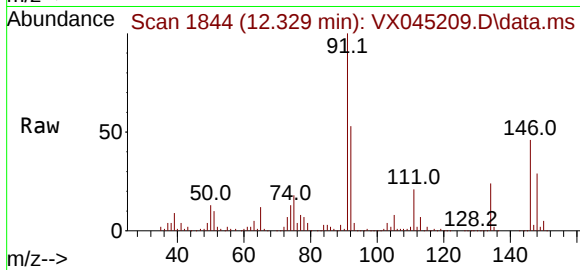
Tgt Ion:146 Resp: 110057
Ion Ratio Lower Upper
146 100
111 41.1 20.2 60.5
148 63.3 31.9 95.9





#89
n-Butylbenzene
Concen: 56.174 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

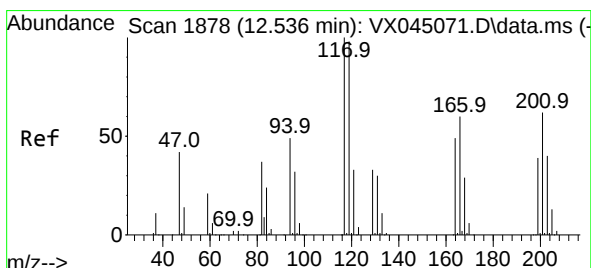
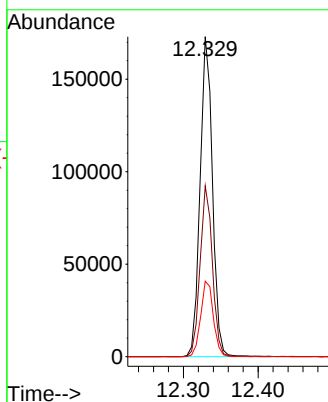
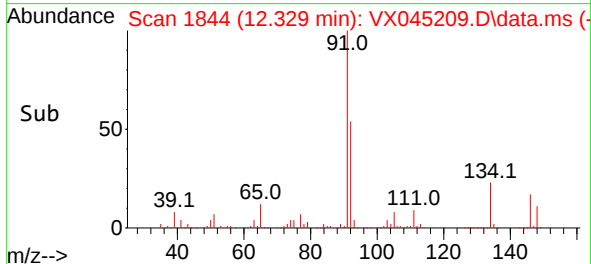
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 198652
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.0
134 24.2 12.2 36.6

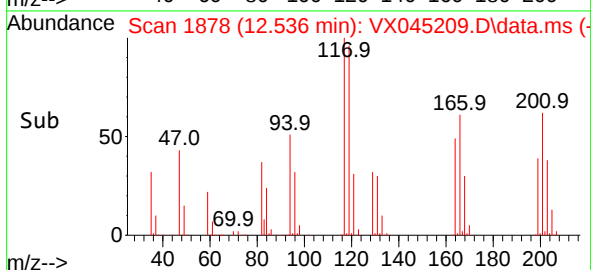
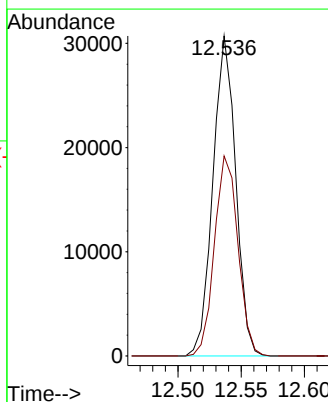
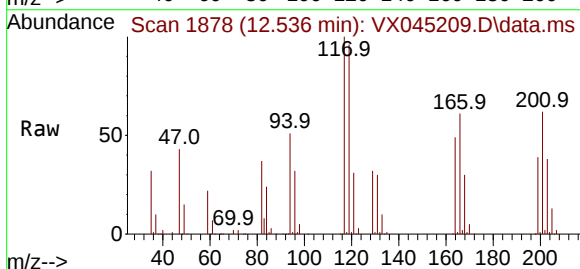
Manual Integrations
APPROVED

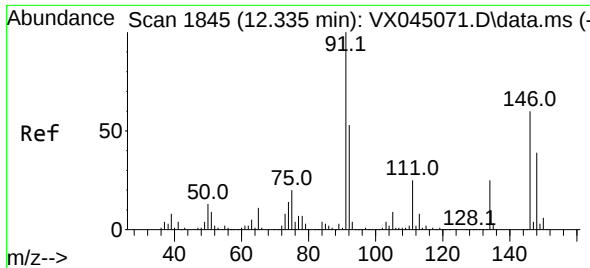
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#90
Hexachloroethane
Concen: 51.712 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

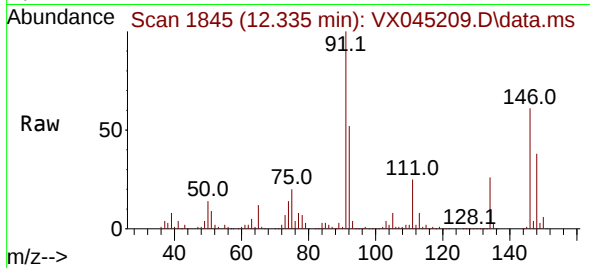
Tgt Ion:117 Resp: 38405
Ion Ratio Lower Upper
117 100
201 64.6 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 51.548 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

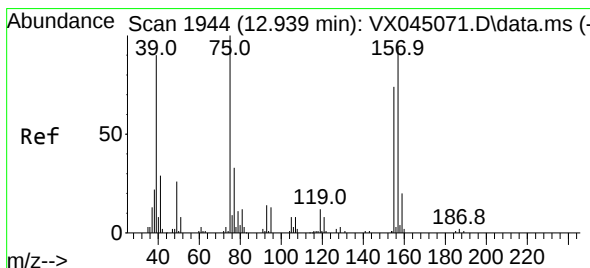
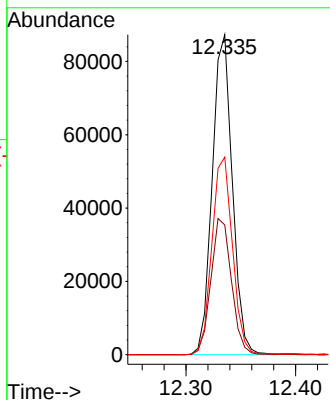
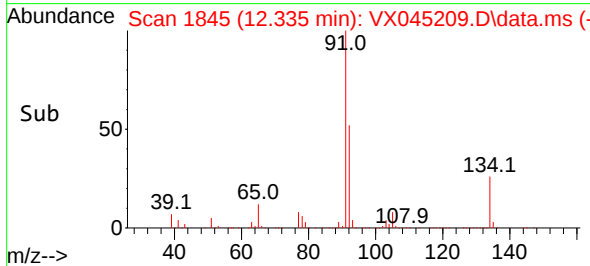
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



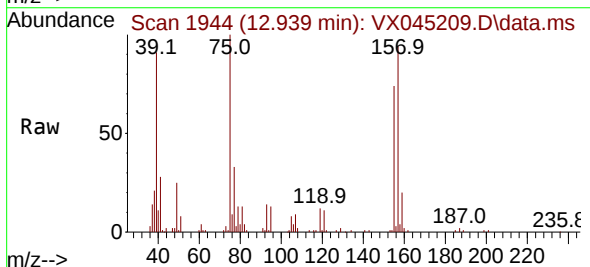
Tgt Ion:146 Resp: 111119
Ion Ratio Lower Upper
146 100
111 43.7 21.6 65.0
148 63.7 31.9 95.9

Manual Integrations
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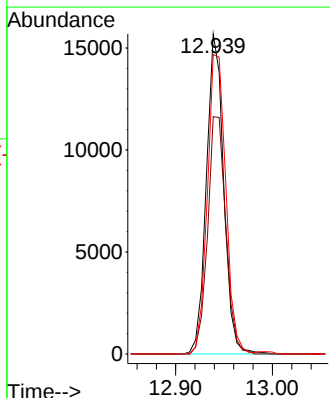
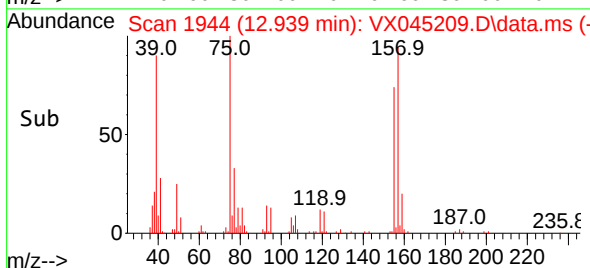
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

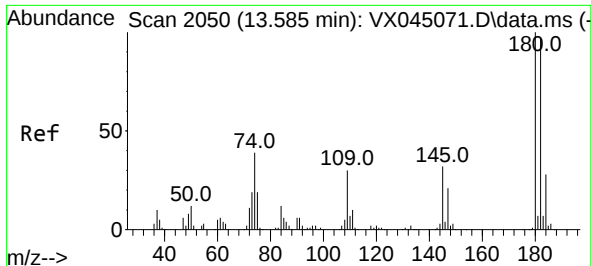


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.372 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17



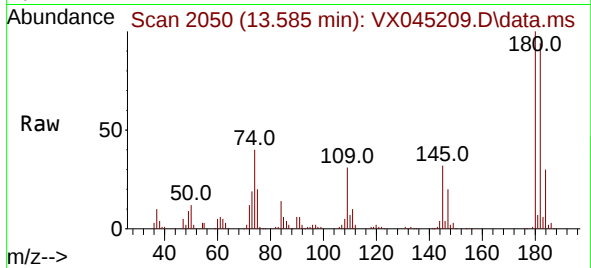
Tgt Ion: 75 Resp: 19480
Ion Ratio Lower Upper
75 100
155 78.2 39.6 118.7
157 99.9 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 51.957 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

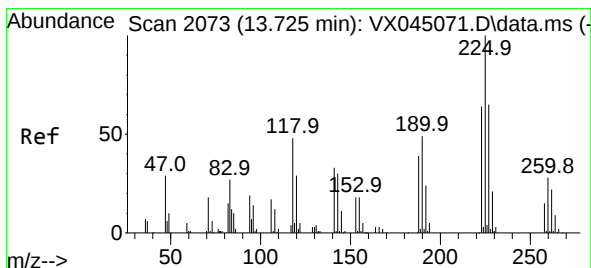
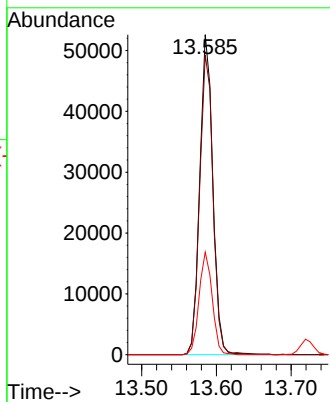
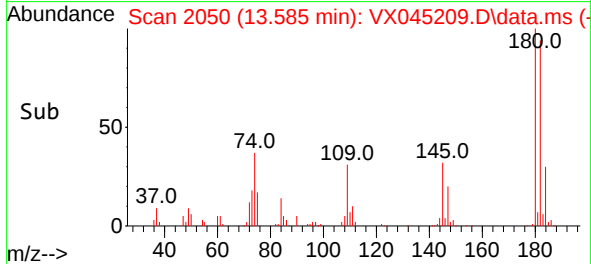
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



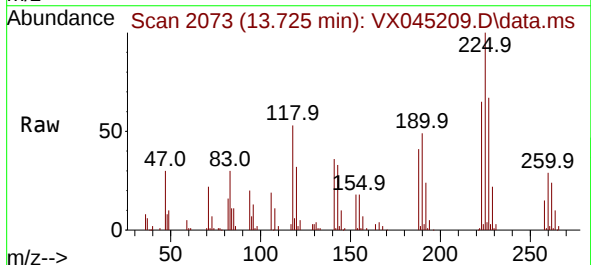
Tgt Ion:180 Resp: 63774
Ion Ratio Lower Upper
180 100
182 95.9 47.3 141.9
145 32.2 16.3 48.9

Manual Integrations
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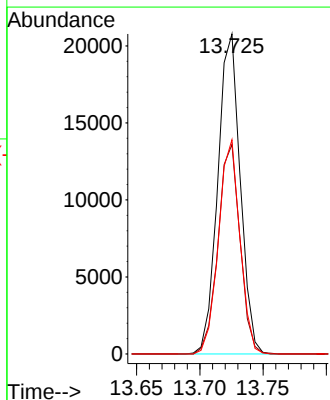
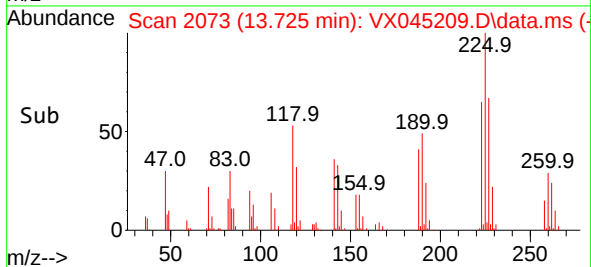
Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025

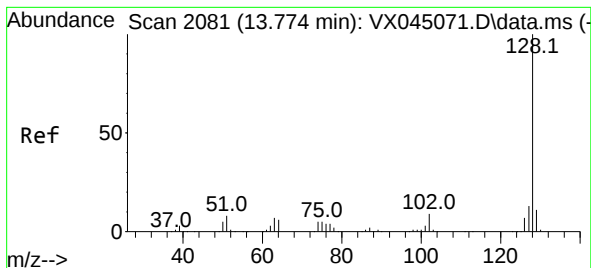


#94
Hexachlorobutadiene
Concen: 50.796 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17



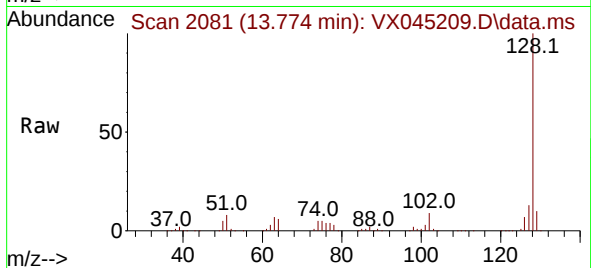
Tgt Ion:225 Resp: 25562
Ion Ratio Lower Upper
225 100
223 64.0 31.9 95.7
227 63.8 31.4 94.0





#95
Naphthalene
Concen: 52.935 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17

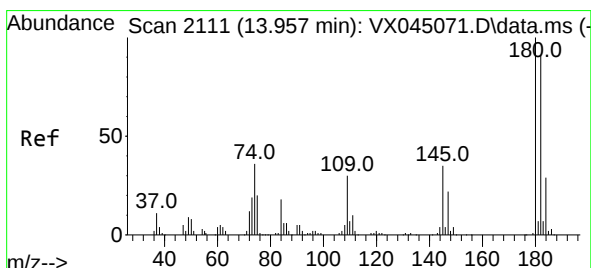
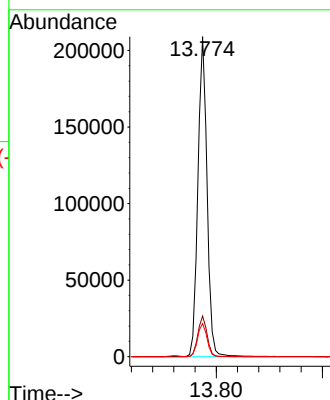
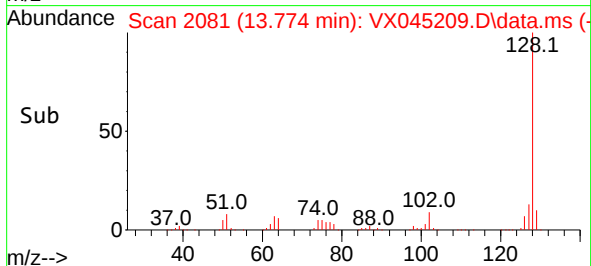
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



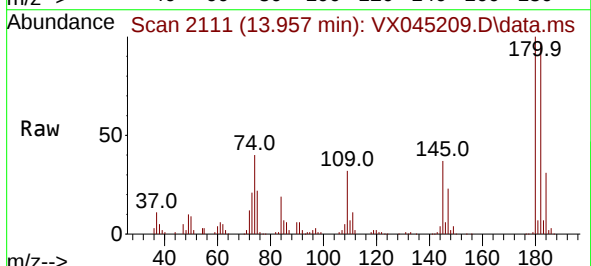
Tgt Ion:128 Resp: 249638
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/11/2025
Supervised By :Mahesh Dadoda 03/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.350 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045209.D
Acq: 10 Mar 2025 20:17



Tgt Ion:180 Resp: 66492
Ion Ratio Lower Upper
180 100
182 95.1 47.5 142.6
145 35.2 17.0 50.9

