

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032525\
 Data File : VX045455.D
 Acq On : 25 Mar 2025 21:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2025
 Supervised By : Mahesh Dadoda 03/26/2025

Quant Time: Mar 26 01:47:33 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	74211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70804	59.981	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.960%			
35) Dibromofluoromethane	5.379	113	50433	56.066	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.140%			
50) Toluene-d8	8.647	98	172074	52.766	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.540%			
62) 4-Bromofluorobenzene	11.079	95	67367	62.340	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 124.680%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	60758	65.042	ug/l	94
3) Chloromethane	1.307	50	65638	57.417	ug/l	99
4) Vinyl Chloride	1.374	62	57448	50.657	ug/l	95
5) Bromomethane	1.593	94	26828	60.177	ug/l	96
6) Chloroethane	1.666	64	32149	61.459	ug/l	96
7) Trichlorofluoromethane	1.874	101	85653	57.053	ug/l	96
8) Diethyl Ether	2.130	74	28231	48.076	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.319	101	51717	59.961	ug/l	97
10) Methyl Iodide	2.441	142	66828	61.999	ug/l	94
11) Tert butyl alcohol	2.977	59	49333	220.637	ug/l	97
12) 1,1-Dichloroethene	2.306	96	50738	55.640	ug/l	95
13) Acrolein	2.233	56	71073	274.979	ug/l	99
14) Allyl chloride	2.654	41	95094	58.584	ug/l	93
15) Acrylonitrile	3.062	53	159315	265.855	ug/l	99
16) Acetone	2.380	43	146553	267.586	ug/l	95
17) Carbon Disulfide	2.502	76	127223	52.381	ug/l	98
18) Methyl Acetate	2.703	43	68937	52.322	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	173226	56.621	ug/l	97
20) Methylene Chloride	2.782	84	58289	53.728	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	51655	57.338	ug/l	96
22) Diisopropyl ether	3.757	45	187925	56.926	ug/l #	86
23) Vinyl Acetate	3.715	43	846535	307.283	ug/l	99
24) 1,1-Dichloroethane	3.599	63	104188	56.314	ug/l	99
25) 2-Butanone	4.556	43	227375	275.806	ug/l	98
26) 2,2-Dichloropropane	4.465	77	64832	74.708	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	61259	55.084	ug/l	92
28) Bromochloromethane	4.891	49	48535	55.038	ug/l	98
29) Tetrahydrofuran	5.001	42	145386	262.606	ug/l	99
30) Chloroform	5.086	83	105858	57.585	ug/l	100
31) Cyclohexane	5.458	56	93071	57.952	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	90456	60.925	ug/l	98
36) 1,1-Dichloropropene	5.684	75	71380	57.863	ug/l	99
37) Ethyl Acetate	4.715	43	88123	55.438	ug/l	99
38) Carbon Tetrachloride	5.672	117	76081	60.748	ug/l	95
39) Methylcyclohexane	7.373	83	89014	60.220	ug/l	94
40) Benzene	6.031	78	215997	55.448	ug/l	98

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Quant Time: Mar 26 01:47:33 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	49660	57.777	ug/l	97
42) 1,2-Dichloroethane	6.080	62	88076	62.788	ug/l	96
43) Isopropyl Acetate	6.336	43	137894	58.665	ug/l	99
44) Trichloroethene	7.123	130	50548	55.263	ug/l	97
45) 1,2-Dichloropropane	7.428	63	55191	55.105	ug/l	98
46) Dibromomethane	7.574	93	41994	59.321	ug/l	96
47) Bromodichloromethane	7.818	83	82371	59.321	ug/l	98
48) Methyl methacrylate	7.690	41	72446	61.434	ug/l	93
49) 1,4-Dioxane	7.659	88	25038	1006.555	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	471412	298.691	ug/l	99
52) Toluene	8.714	92	131498	57.535	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	71263	61.389	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	81798	60.428	ug/l #	87
55) 1,1,2-Trichloroethane	9.147	97	52613	55.917	ug/l	98
56) Ethyl methacrylate	9.116	69	88478	61.863	ug/l	93
57) 1,3-Dichloropropane	9.305	76	93052	57.147	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	223602	320.494	ug/l	98
59) 2-Hexanone	9.427	43	352820	308.540	ug/l	97
60) Dibromochloromethane	9.519	129	58941	59.912	ug/l	99
61) 1,2-Dibromoethane	9.604	107	54283	57.791	ug/l	98
64) Tetrachloroethene	9.269	164	43318	56.012	ug/l	99
65) Chlorobenzene	10.073	112	141675	55.448	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	48145	56.581	ug/l	98
67) Ethyl Benzene	10.189	91	258353	58.029	ug/l	99
68) m/p-Xylenes	10.299	106	187271	114.904	ug/l	94
69) o-Xylene	10.640	106	93451	56.852	ug/l	96
70) Styrene	10.653	104	158826	59.715	ug/l	97
71) Bromoform	10.799	173	37385	58.263	ug/l #	99
73) Isopropylbenzene	10.957	105	248021	54.809	ug/l	99
74) N-amyl acetate	10.842	43	127825	60.199	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	85723	51.622	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	72660m	53.846	ug/l	
77) Bromobenzene	11.195	156	57349	53.713	ug/l	96
78) n-propylbenzene	11.299	91	291813	57.086	ug/l	98
79) 2-Chlorotoluene	11.360	91	180078	55.315	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	208176	56.895	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	20652	52.375	ug/l	85
82) 4-Chlorotoluene	11.451	91	206254	58.131	ug/l	98
83) tert-Butylbenzene	11.713	119	206906	55.036	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	211760	57.518	ug/l	99
85) sec-Butylbenzene	11.890	105	260527	57.851	ug/l	98
86) p-Isopropyltoluene	12.006	119	214411	58.914	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	103254	54.210	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	103629	53.778	ug/l	99
89) n-Butylbenzene	12.329	91	190918	60.909	ug/l	99
90) Hexachloroethane	12.536	117	36102	54.843	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	104665	54.779	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19044	58.867	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	60255	55.384	ug/l	100
94) Hexachlorobutadiene	13.725	225	25302	56.726	ug/l	98
95) Naphthalene	13.774	128	226227	54.121	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	61143	53.273	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

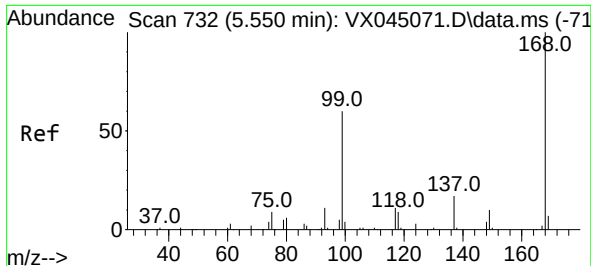
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 03/26/2025

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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



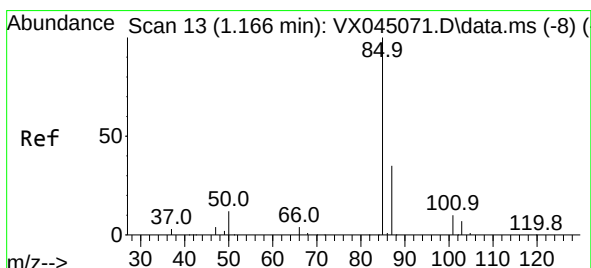
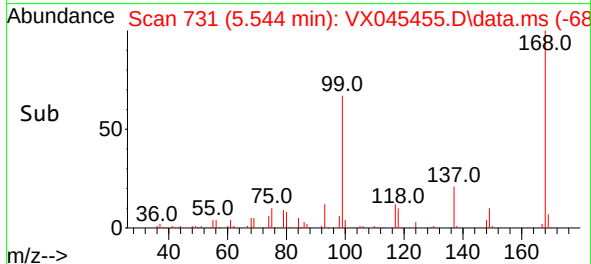
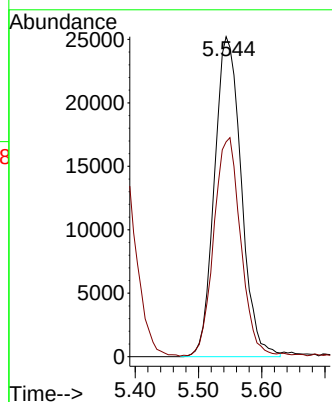
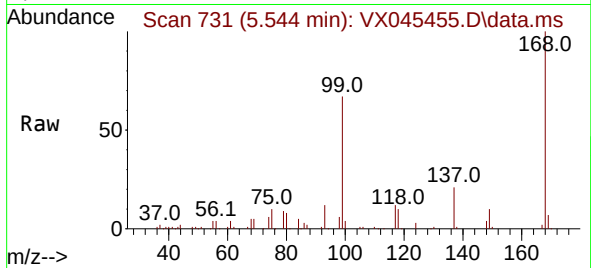
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 7421
Ion Ratio Lower Upper
168 100
99 66.9 48.2 72.4

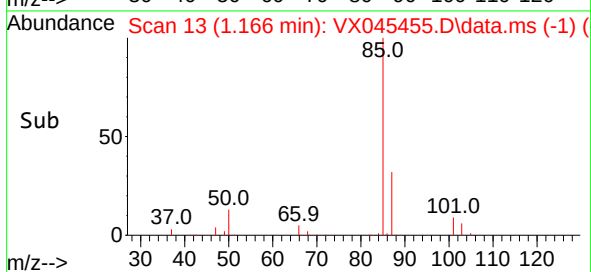
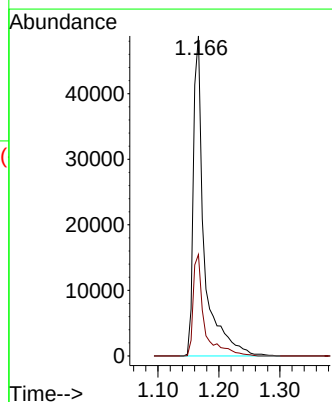
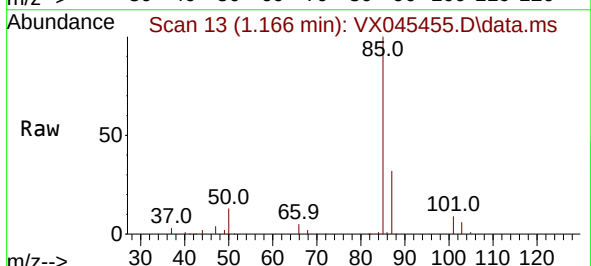
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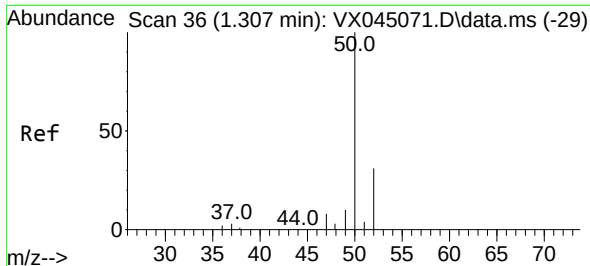
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#2
Dichlorodifluoromethane
Concen: 65.042 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

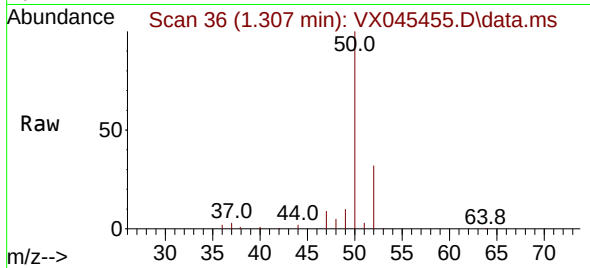
Tgt Ion: 85 Resp: 60758
Ion Ratio Lower Upper
85 100
87 31.7 17.4 52.3





#3
Chloromethane
Concen: 57.417 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

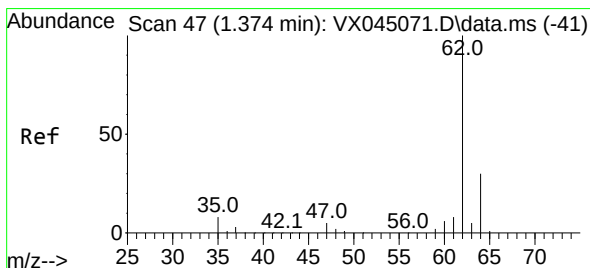
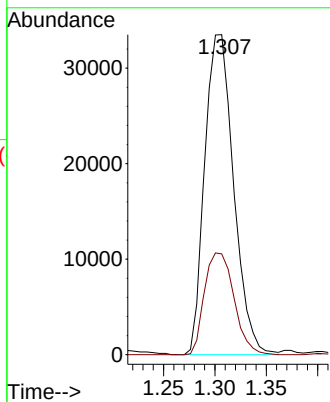
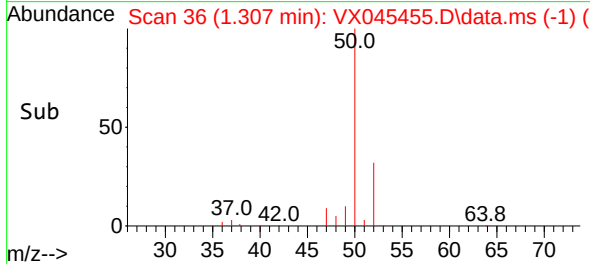
Instrument :
MSVOA_X
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VSTDCCC050EC



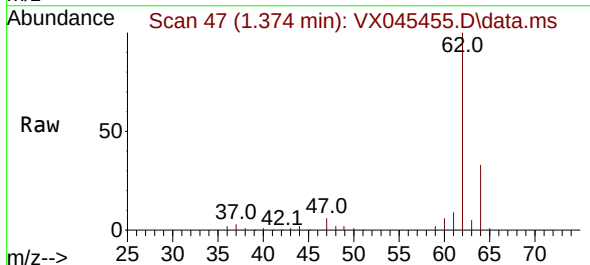
Tgt Ion: 50 Resp: 65638
Ion Ratio Lower Upper
50 100
52 31.5 25.0 37.4

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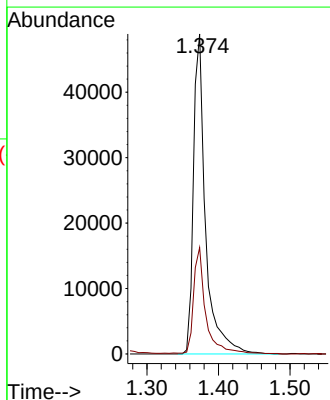
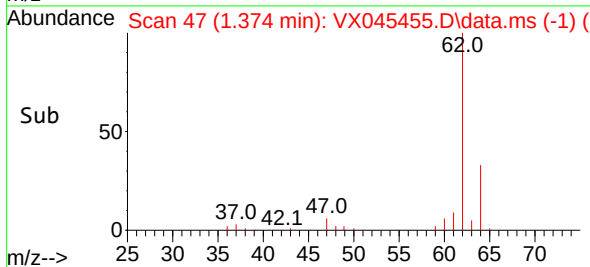
Reviewed By :John Carlone 03/26/2025
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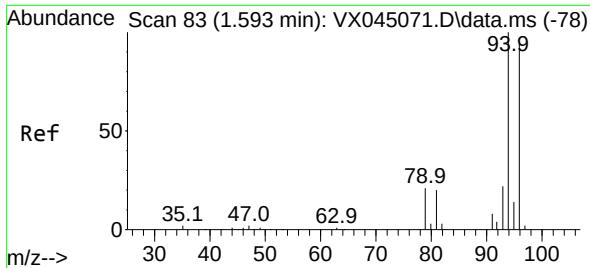


#4
Vinyl Chloride
Concen: 50.657 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00



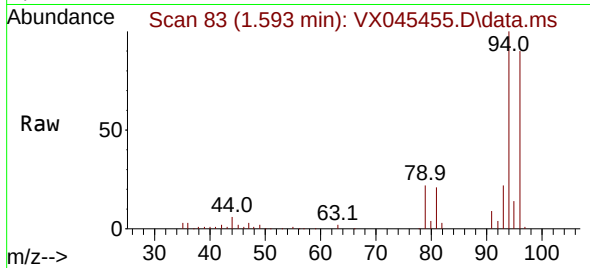
Tgt Ion: 62 Resp: 57448
Ion Ratio Lower Upper
62 100
64 33.1 24.3 36.5





#5
Bromomethane
Concen: 60.177 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

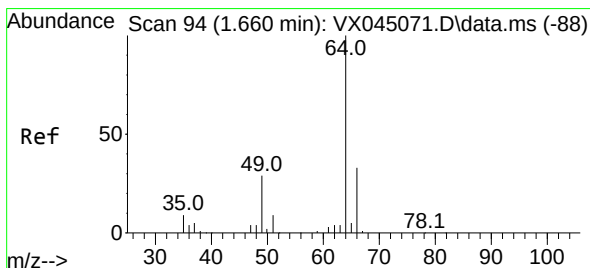
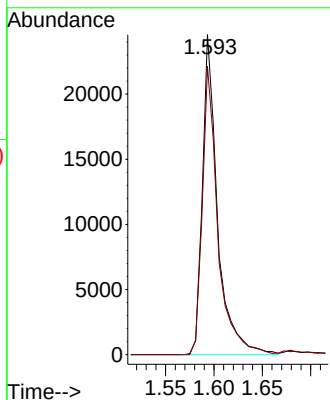
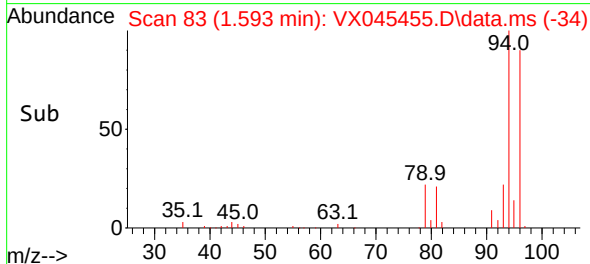
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 26828
Ion Ratio Lower Upper
94 100
96 90.0 75.0 112.4

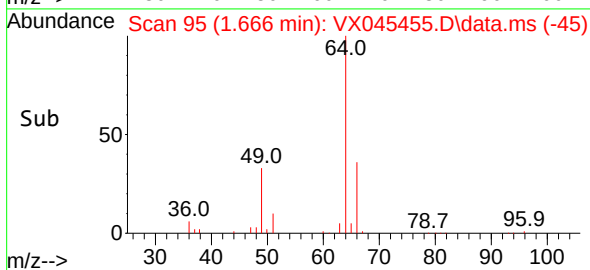
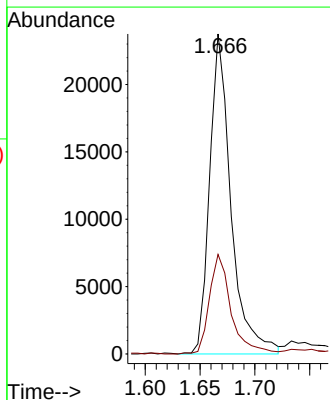
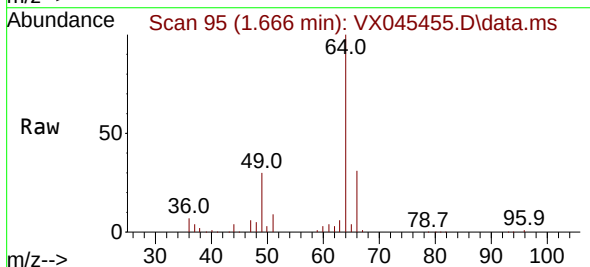
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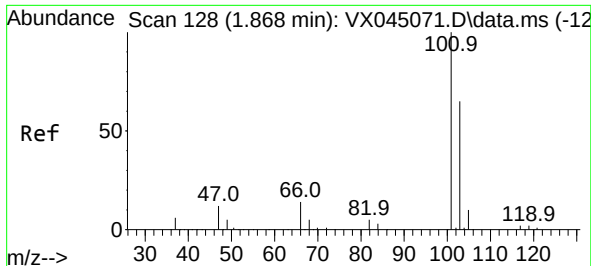
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#6
Chloroethane
Concen: 61.459 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

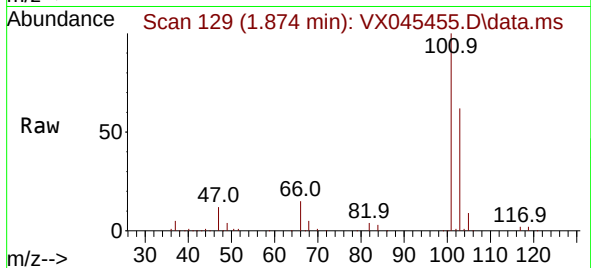
Tgt Ion: 64 Resp: 32149
Ion Ratio Lower Upper
64 100
66 31.1 26.7 40.1





#7
Trichlorofluoromethane
Concen: 57.053 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

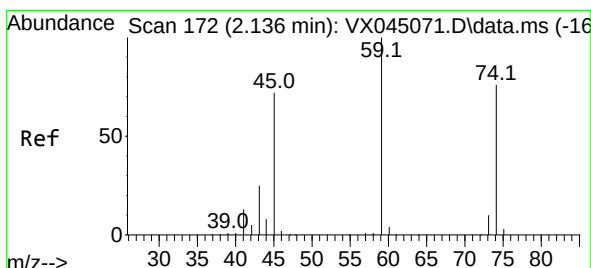
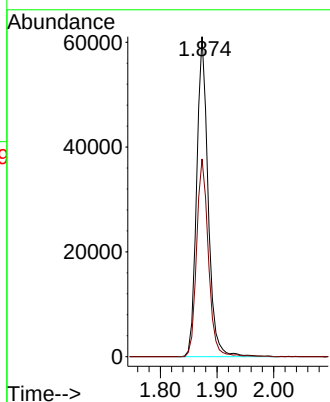
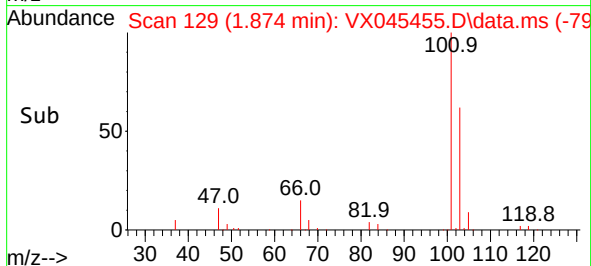
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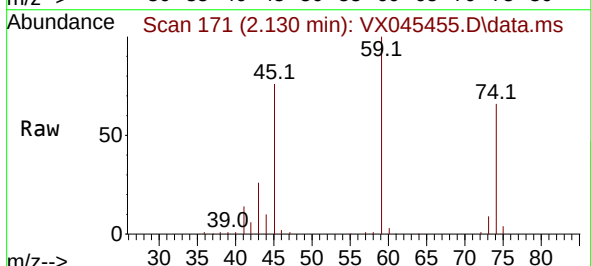
Tgt Ion:101 Resp: 8565
Ion Ratio Lower Upper
101 100
103 61.8 52.1 78.1

Manual Integrations
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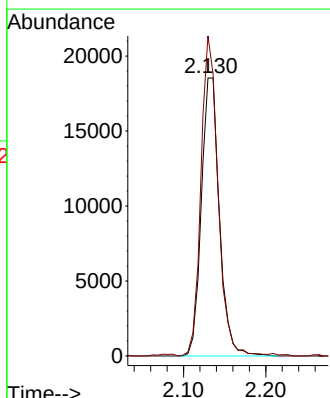
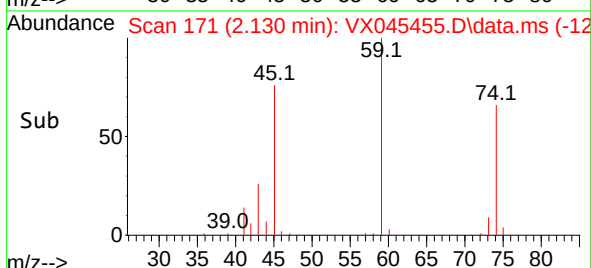
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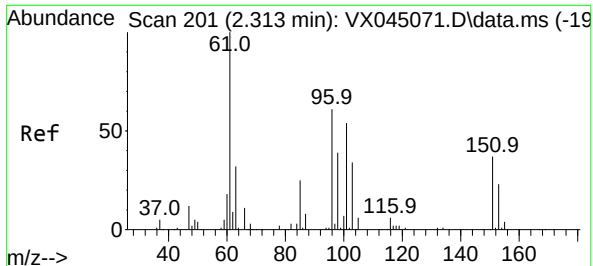


#8
Diethyl Ether
Concen: 48.076 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00



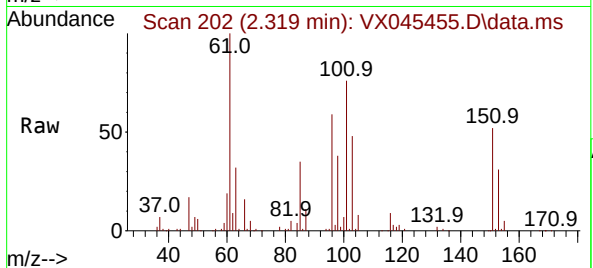
Tgt Ion: 74 Resp: 28231
Ion Ratio Lower Upper
74 100
45 109.1 51.5 154.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.961 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

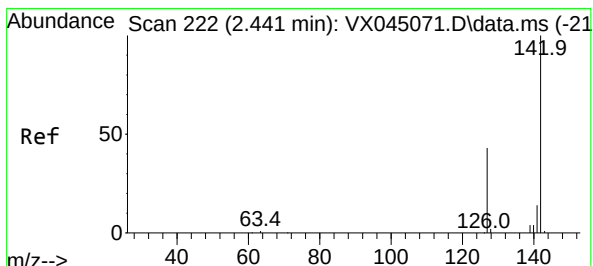
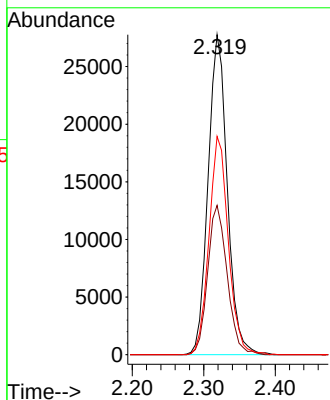
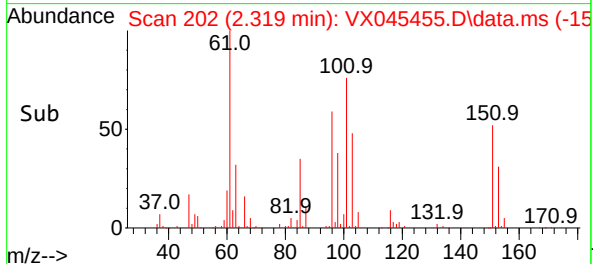
Instrument :
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Tgt Ion:101 Resp: 5171
Ion Ratio Lower Upper
101 100
85 47.6 36.2 54.4
151 68.8 56.4 84.6

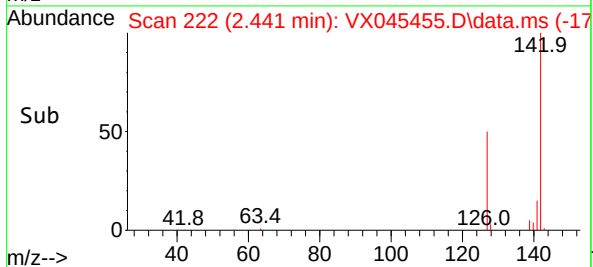
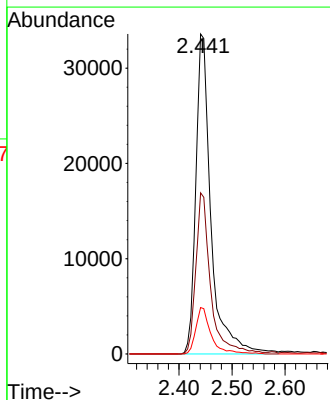
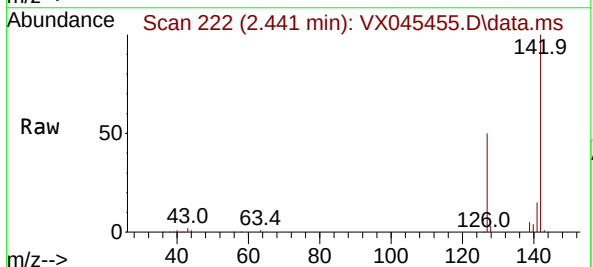
Manual Integrations
APPROVED

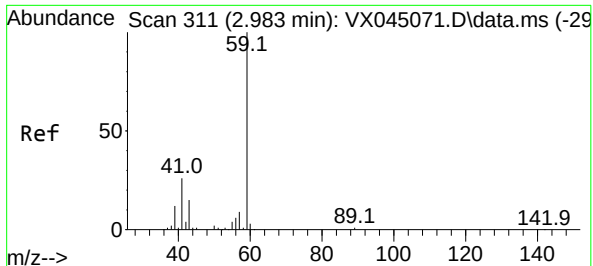
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#10
Methyl Iodide
Concen: 61.999 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Tgt Ion:142 Resp: 66828
Ion Ratio Lower Upper
142 100
127 49.2 35.4 53.2
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 220.637 ug/l

RT: 2.977 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX045455.D

Acq: 25 Mar 2025 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 4933

Ion Ratio Lower Upper

59 100

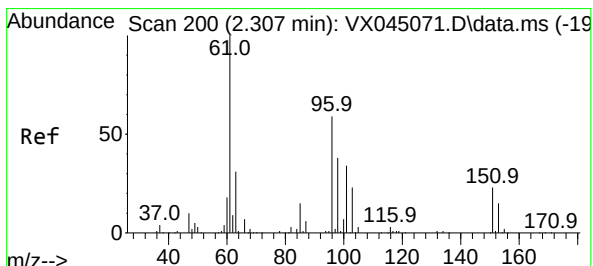
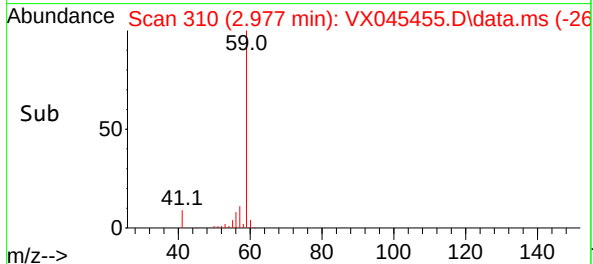
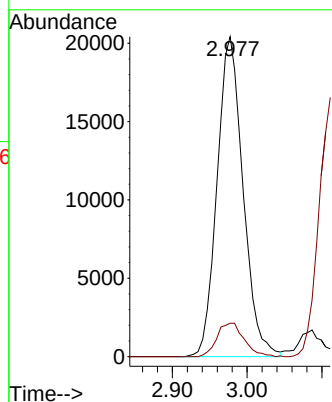
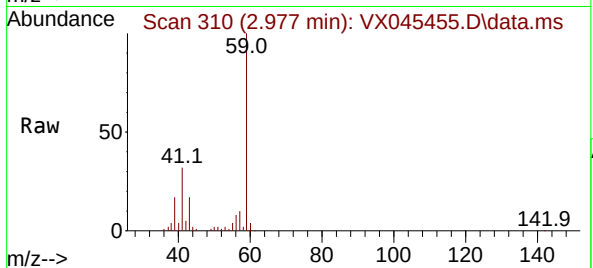
57 11.0 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#12

1,1-Dichloroethene

Concen: 55.640 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX045455.D

Acq: 25 Mar 2025 21:00

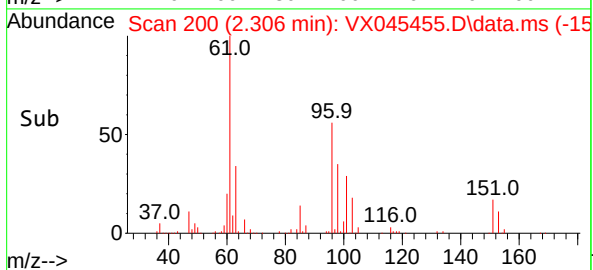
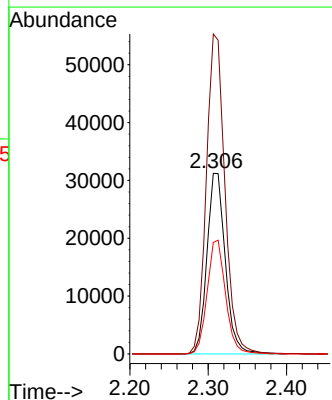
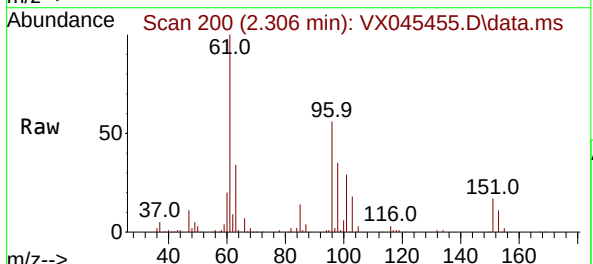
Tgt Ion: 96 Resp: 50738

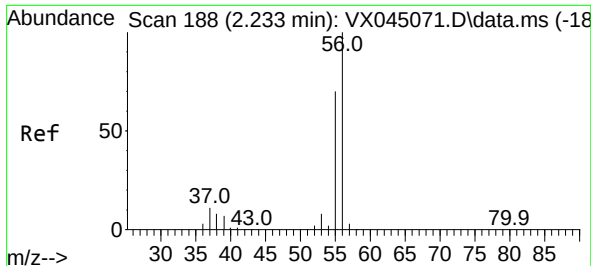
Ion Ratio Lower Upper

96 100

61 177.1 134.6 202.0

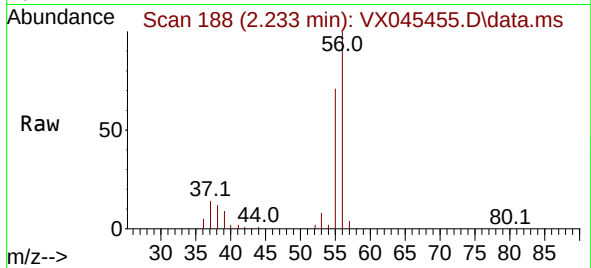
98 61.7 51.0 76.6





#13
Acrolein
Concen: 274.979 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

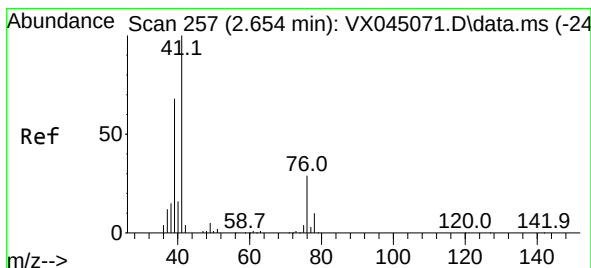
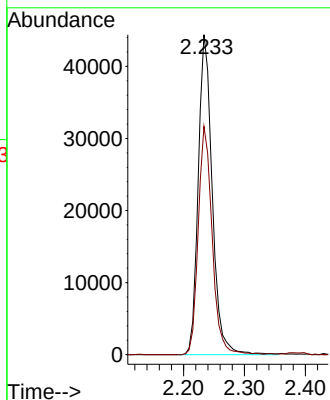
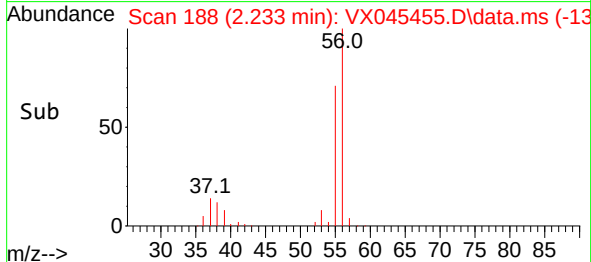
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 71073
Ion Ratio Lower Upper
56 100
55 71.1 56.2 84.4

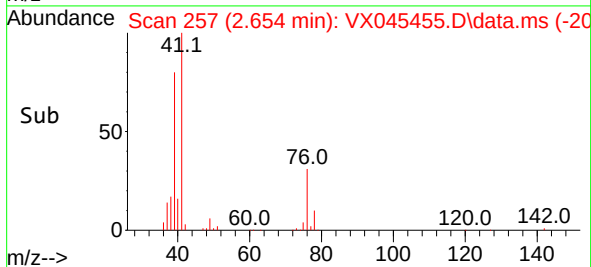
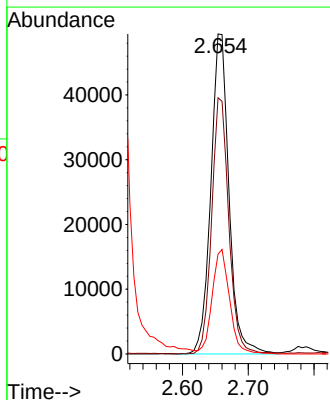
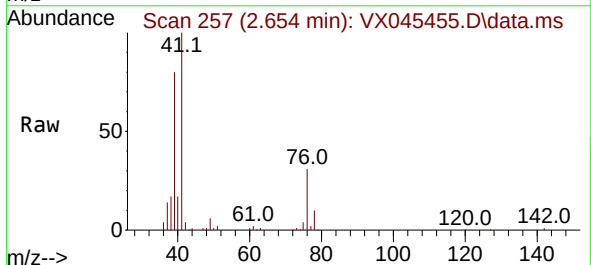
Manual Integrations
APPROVED

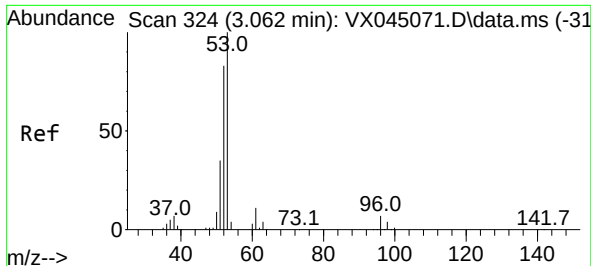
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#14
Allyl chloride
Concen: 58.584 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

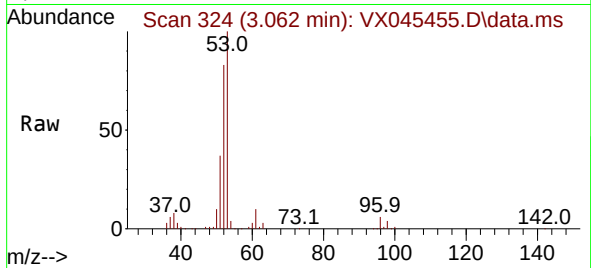
Tgt Ion: 41 Resp: 95094
Ion Ratio Lower Upper
41 100
39 75.6 53.8 80.8
76 31.5 25.2 37.8





#15
Acrylonitrile
Concen: 265.855 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

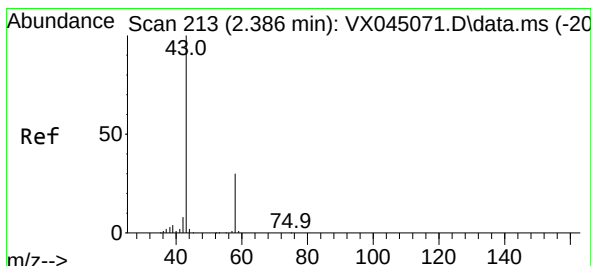
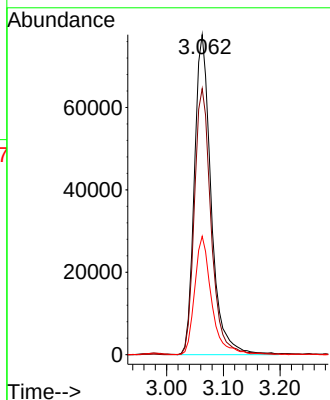
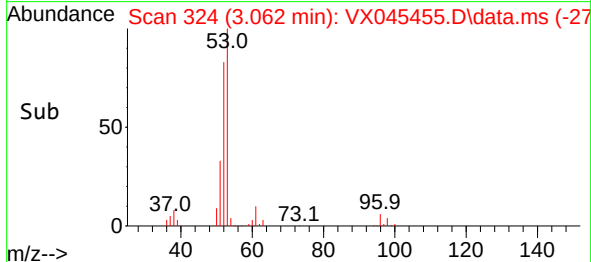
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



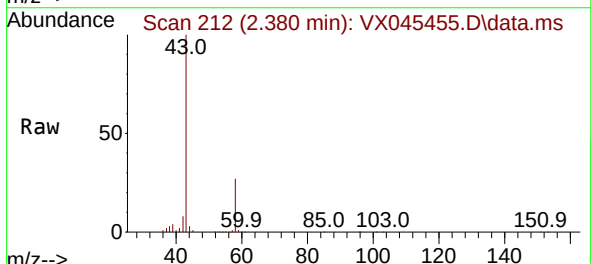
Tgt Ion: 53 Resp: 159315
Ion Ratio Lower Upper
53 100
52 83.5 66.2 99.2
51 37.0 29.0 43.4

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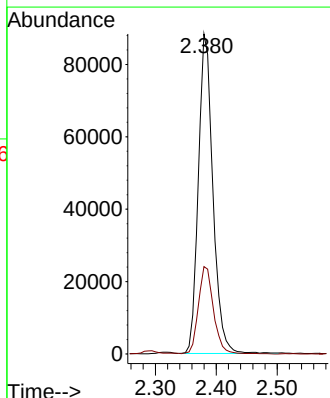
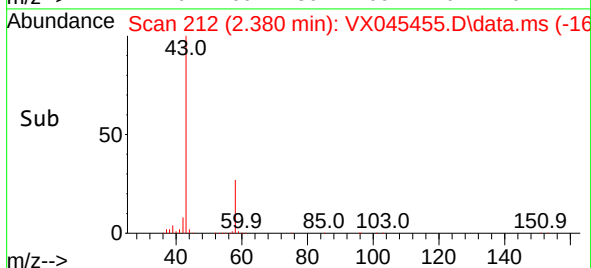
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

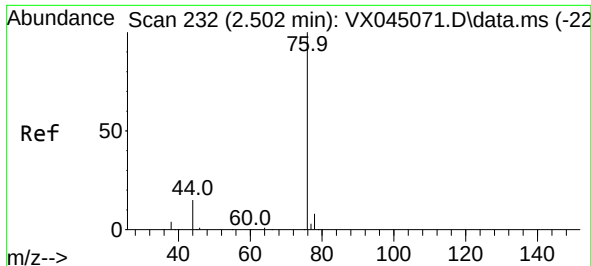


#16
Acetone
Concen: 267.586 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00



Tgt Ion: 43 Resp: 146553
Ion Ratio Lower Upper
43 100
58 27.3 24.2 36.4





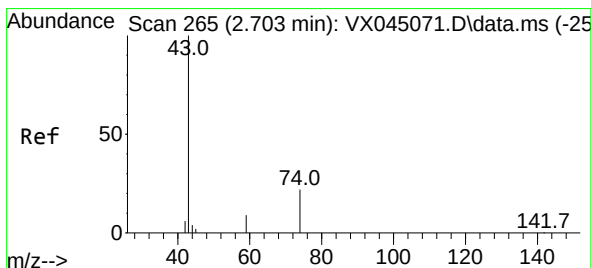
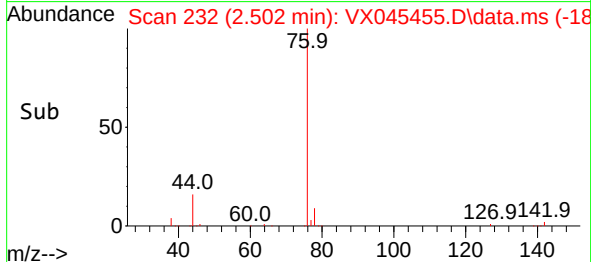
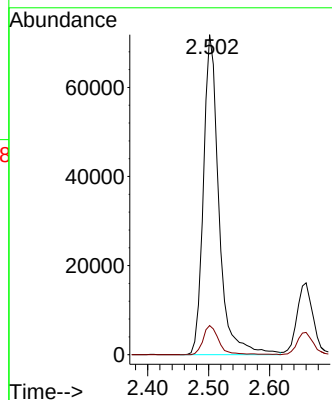
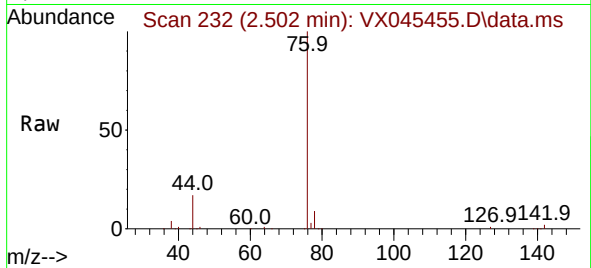
#17
Carbon Disulfide
Concen: 52.381 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 12722
Ion Ratio Lower Upper
76 100
78 9.1 6.6 9.8

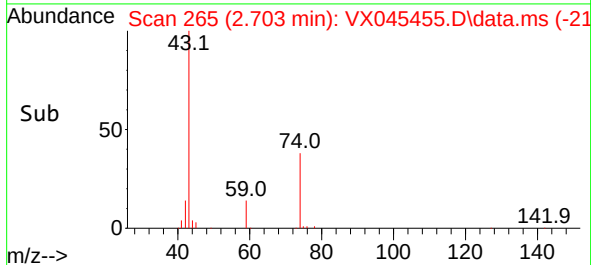
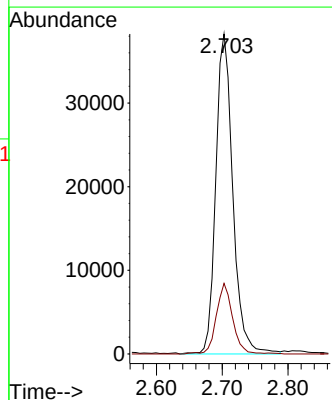
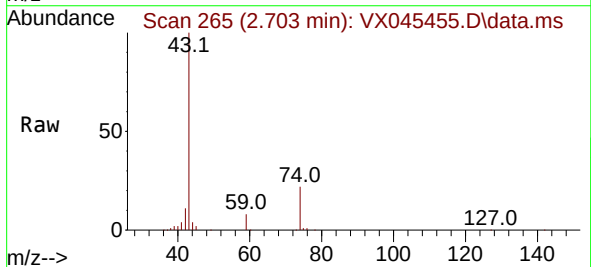
Manual Integrations
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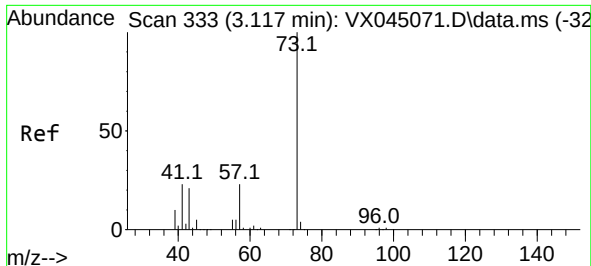
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#18
Methyl Acetate
Concen: 52.322 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

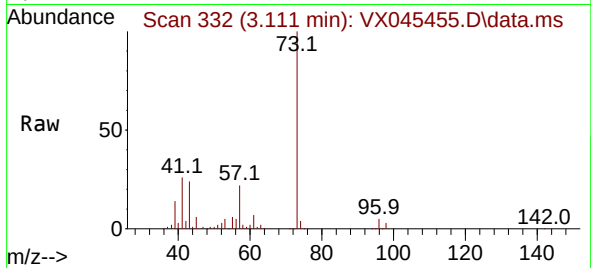
Tgt Ion: 43 Resp: 68937
Ion Ratio Lower Upper
43 100
74 21.1 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 56.621 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

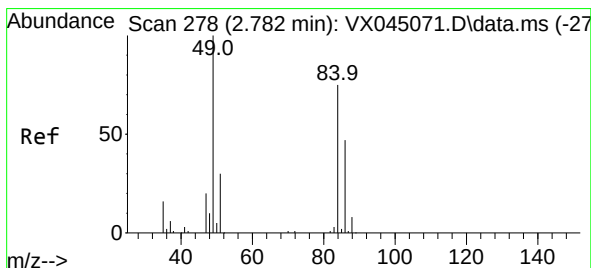
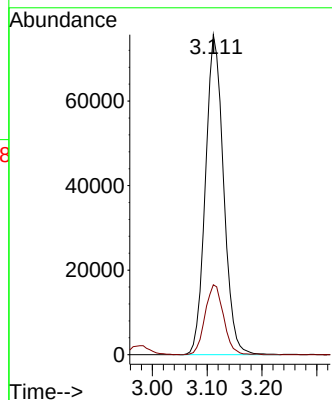
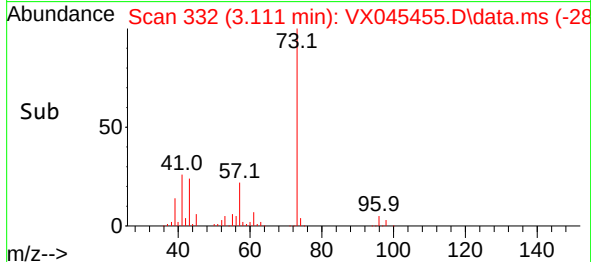
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 173220
Ion Ratio Lower Upper
73 100
57 21.8 18.5 27.7

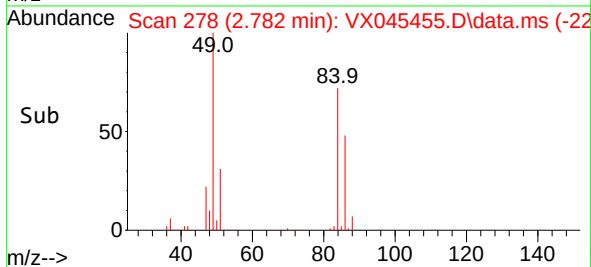
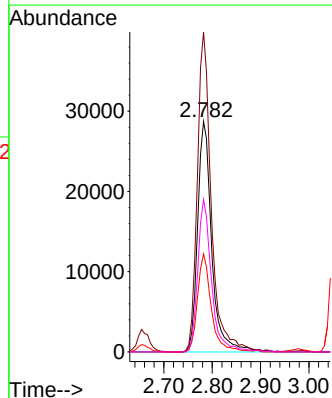
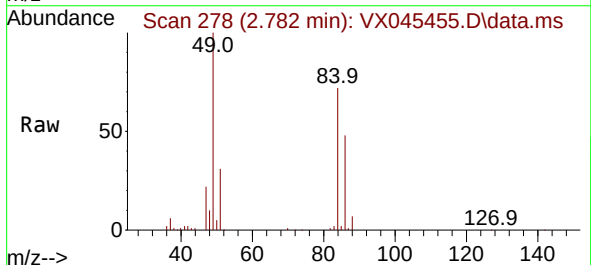
Manual Integrations
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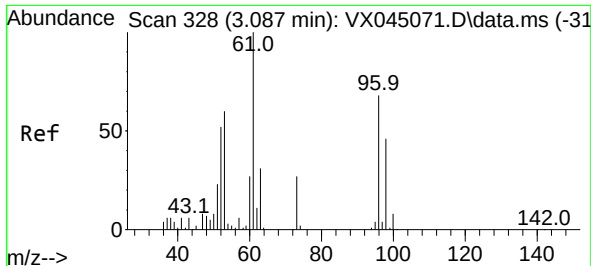
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#20
Methylene Chloride
Concen: 53.728 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

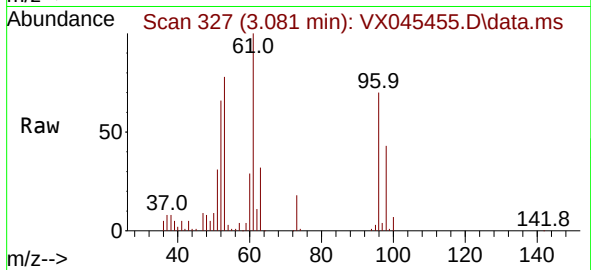
Tgt Ion: 84 Resp: 58289
Ion Ratio Lower Upper
84 100
49 138.8 106.5 159.7
51 42.5 32.1 48.1
86 66.2 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 57.338 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

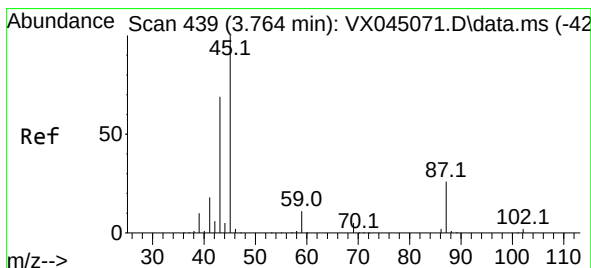
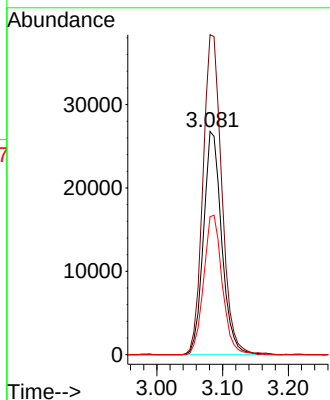
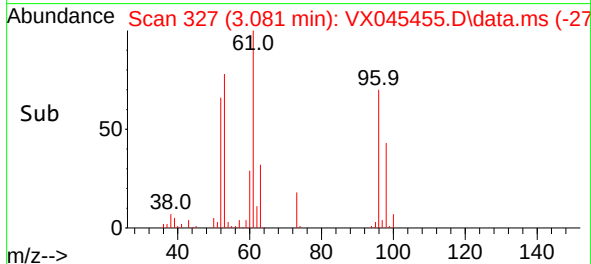
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 5165
Ion Ratio Lower Upper
96 100
61 143.4 117.0 175.4
98 61.8 53.4 80.2

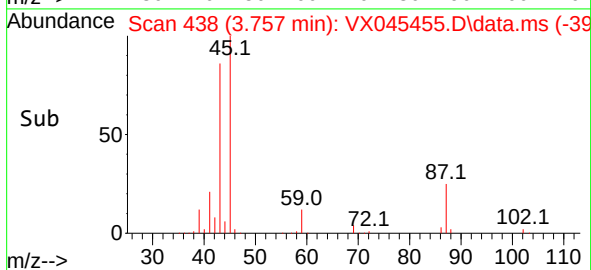
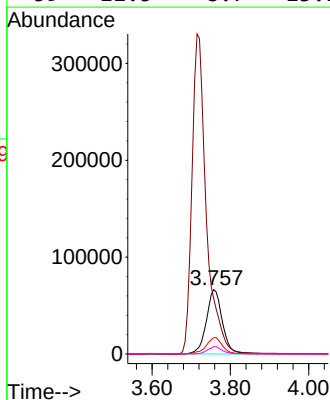
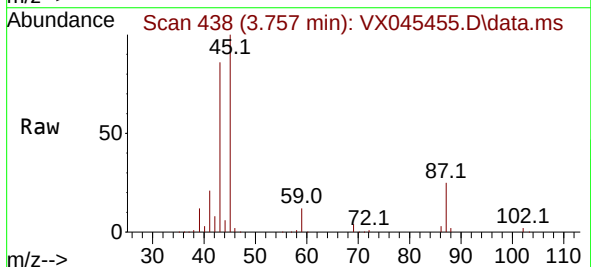
Manual Integrations
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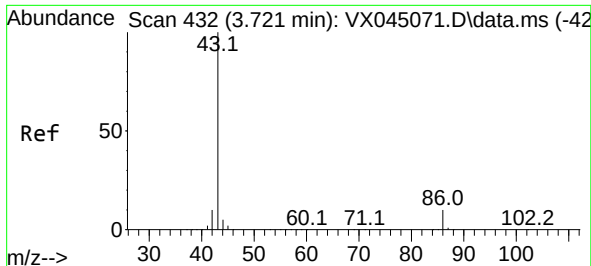
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#22
Diisopropyl ether
Concen: 56.926 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Tgt Ion: 45 Resp: 187925
Ion Ratio Lower Upper
45 100
43 85.8 54.9 82.3#
87 25.2 21.0 31.4
59 11.5 8.7 13.1





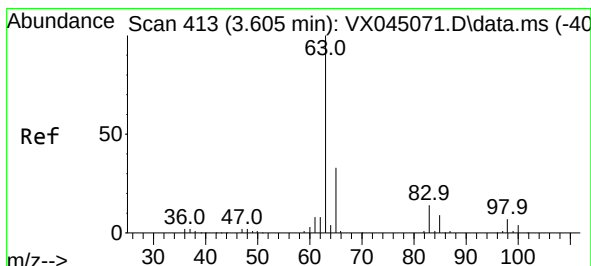
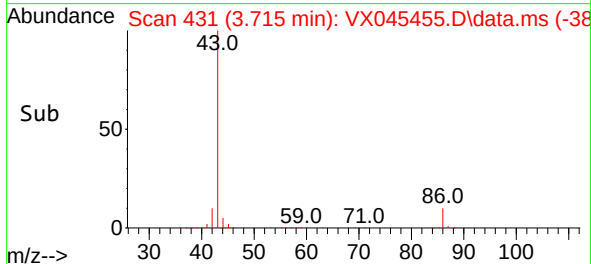
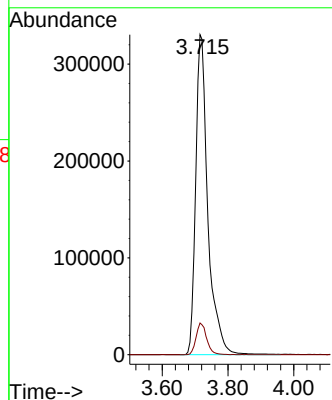
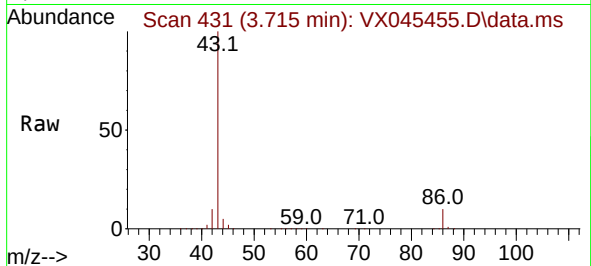
#23
 Vinyl Acetate
 Concen: 307.283 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045455.D
 Acq: 25 Mar 2025 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 84653
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.1 12.1

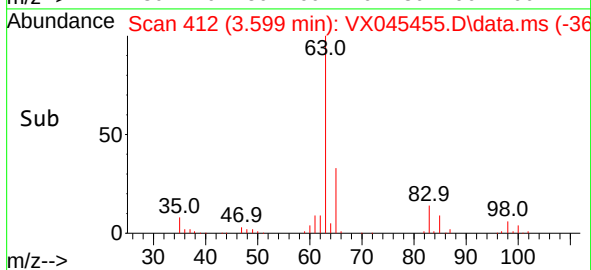
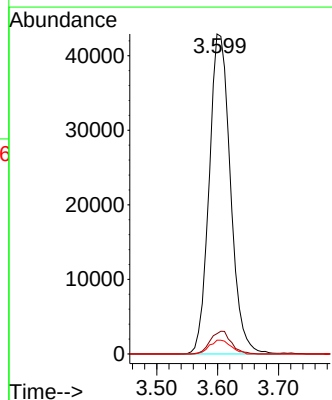
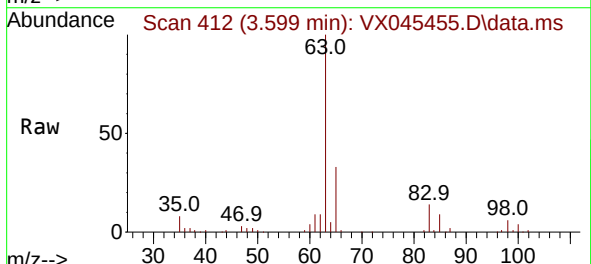
Manual Integrations
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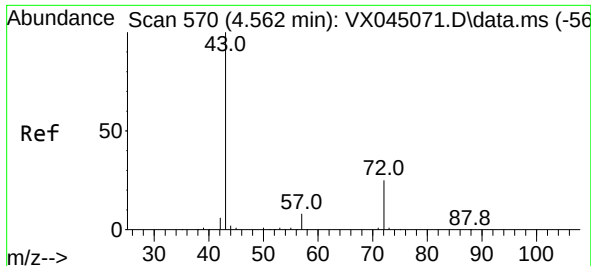
Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#24
 1,1-Dichloroethane
 Concen: 56.314 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045455.D
 Acq: 25 Mar 2025 21:00

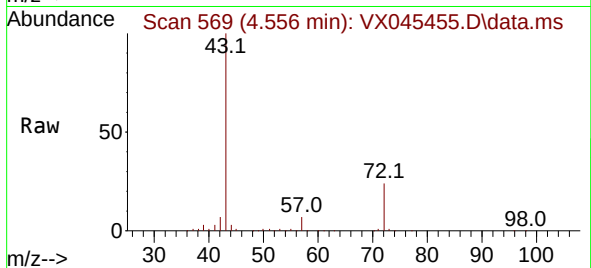
Tgt Ion: 63 Resp: 104188
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.2
 100 4.3 2.1 6.5





#25
2-Butanone
Concen: 275.806 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

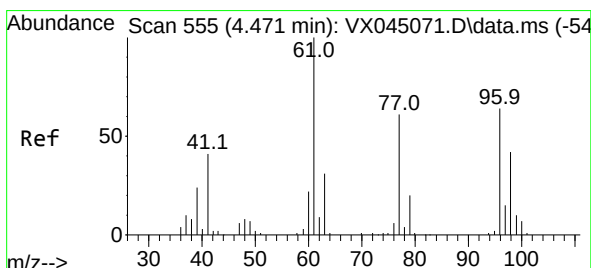
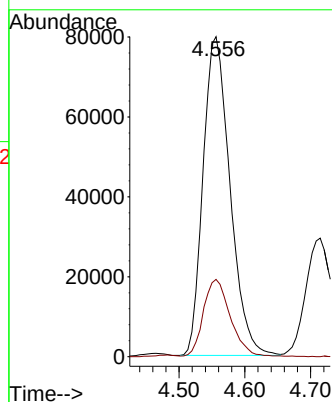
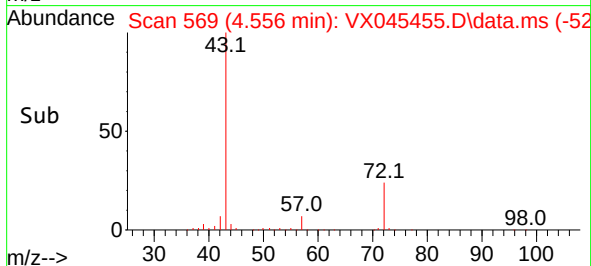
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 227375
Ion Ratio Lower Upper
43 100
72 24.0 20.0 30.0

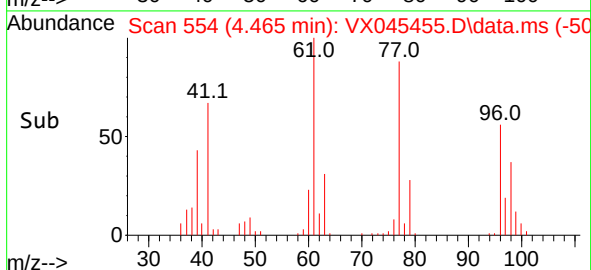
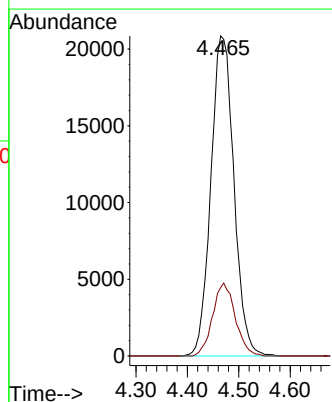
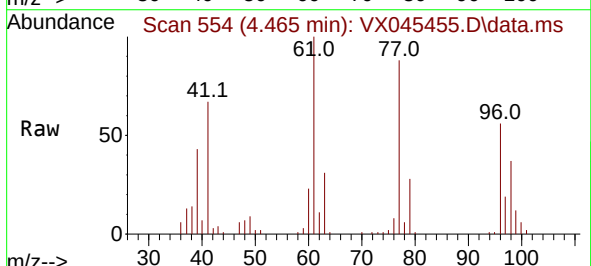
Manual Integrations
APPROVED

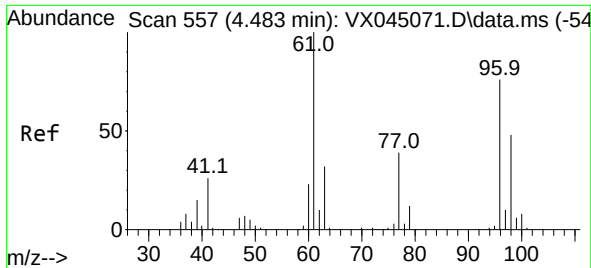
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#26
2,2-Dichloropropane
Concen: 74.708 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

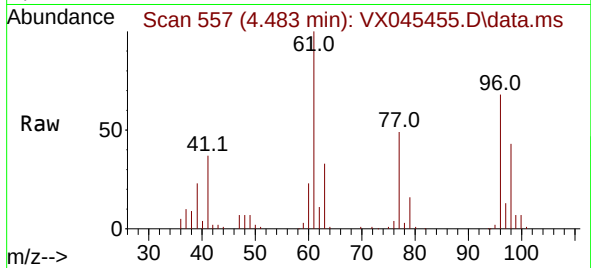
Tgt Ion: 77 Resp: 64832
Ion Ratio Lower Upper
77 100
97 22.4 12.4 37.0





#27
 cis-1,2-Dichloroethene
 Concen: 55.084 ug/l
 RT: 4.483 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VX045455.D
 Acq: 25 Mar 2025 21:00

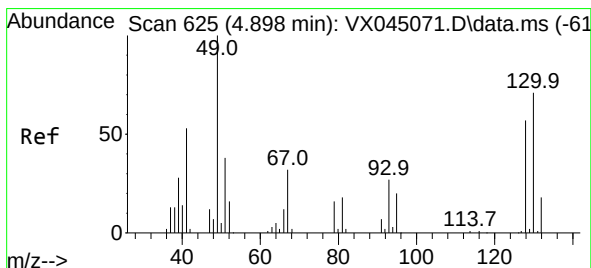
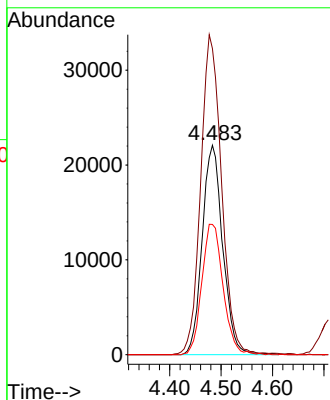
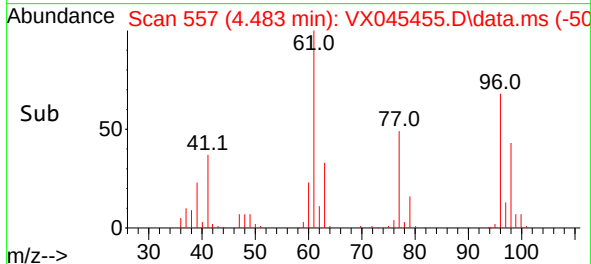
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 61259
 Ion Ratio Lower Upper
 96 100
 61 155.7 0.0 283.2
 98 64.3 0.0 128.0

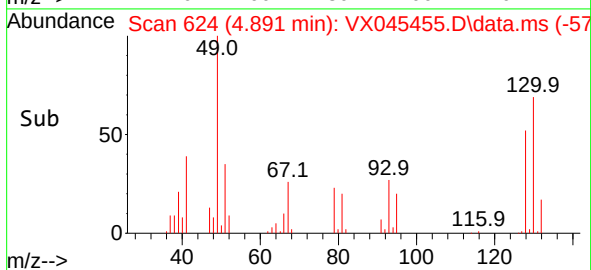
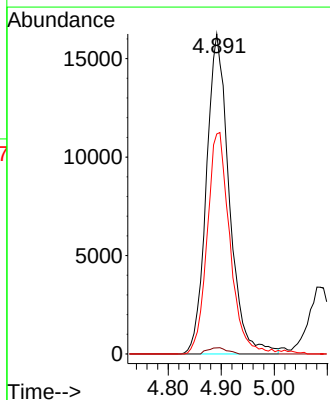
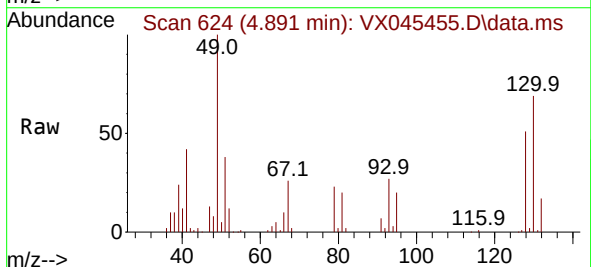
Manual Integrations
 APPROVED

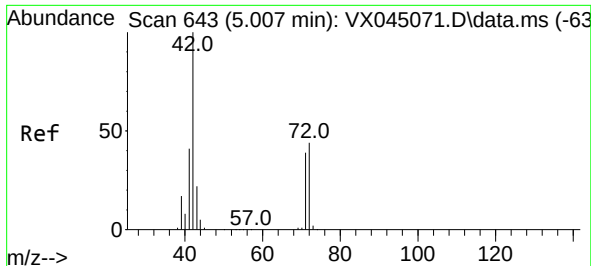
Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#28
 Bromochloromethane
 Concen: 55.038 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045455.D
 Acq: 25 Mar 2025 21:00

Tgt Ion: 49 Resp: 48535
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 68.6 56.1 84.1





#29

Tetrahydrofuran

Concen: 262.606 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX045455.D

Acq: 25 Mar 2025 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

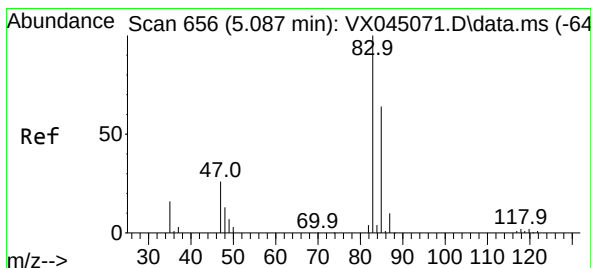
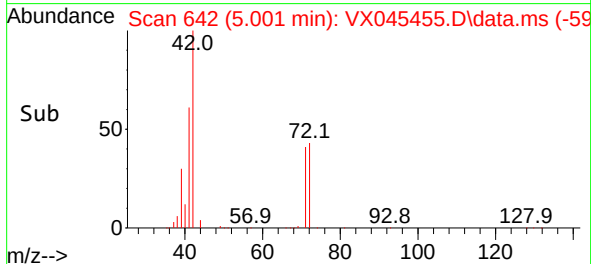
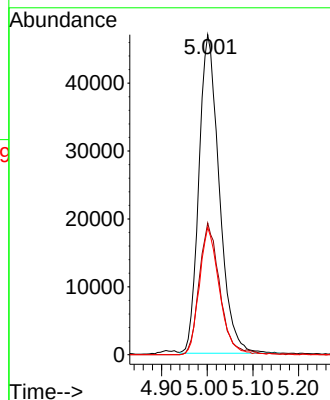
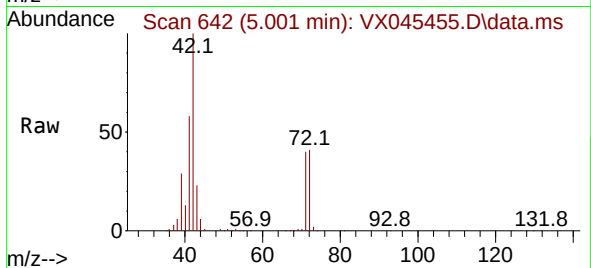
Tgt Ion: 42 Resp: 145386
 Ion Ratio Lower Upper
 42 100
 72 41.6 34.1 51.1
 71 39.3 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#30

Chloroform

Concen: 57.585 ug/l

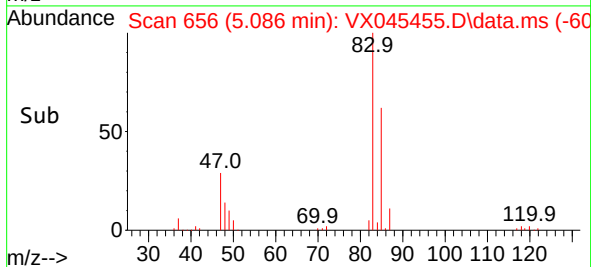
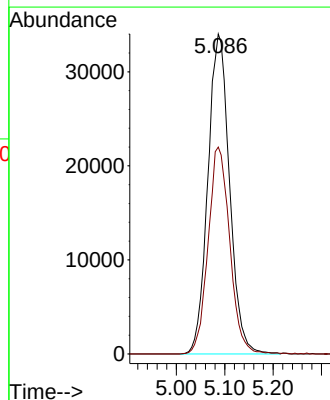
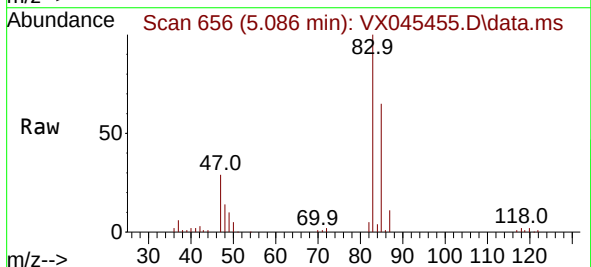
RT: 5.086 min Scan# 656

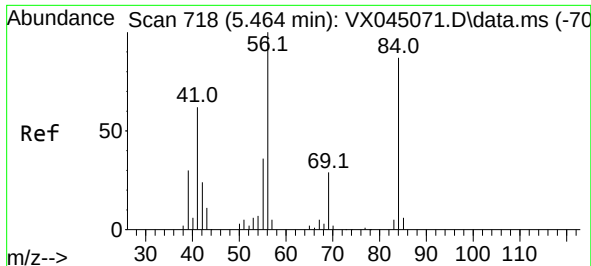
Delta R.T. -0.000 min

Lab File: VX045455.D

Acq: 25 Mar 2025 21:00

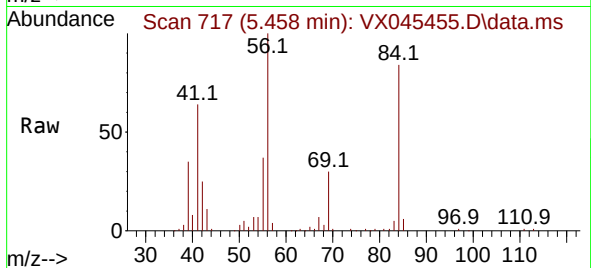
Tgt Ion: 83 Resp: 105858
 Ion Ratio Lower Upper
 83 100
 85 64.7 51.4 77.2





#31
Cyclohexane
Concen: 57.952 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

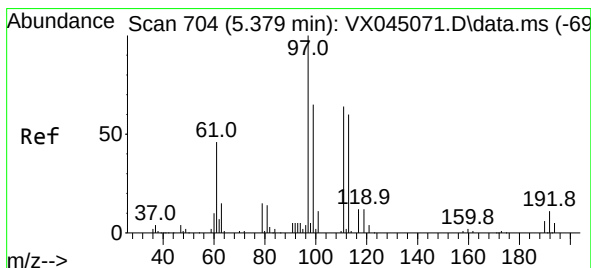
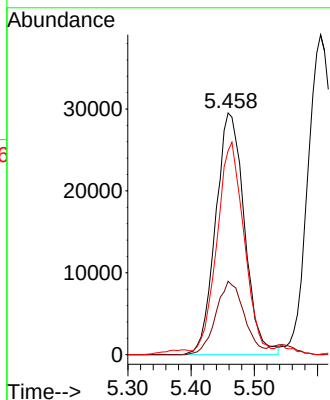
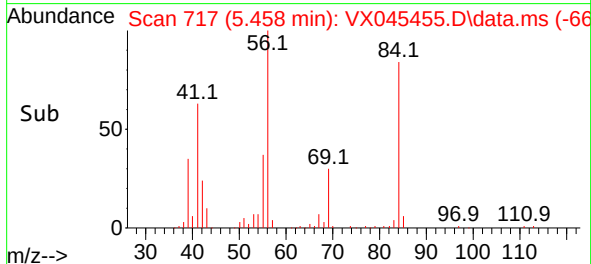
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 9307
Ion Ratio Lower Upper
56 100
69 30.4 23.4 35.2
84 82.7 69.4 104.2

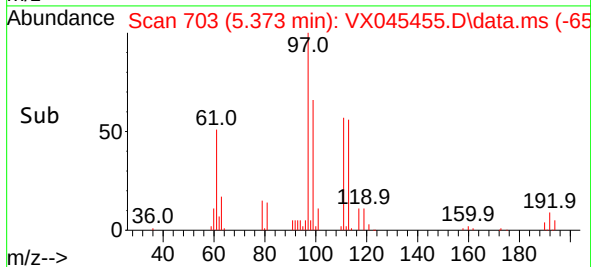
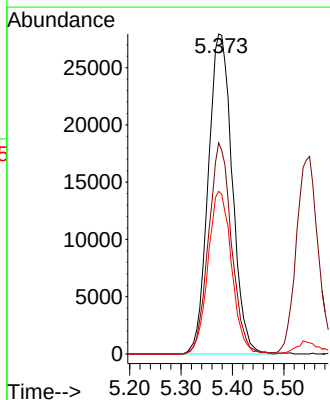
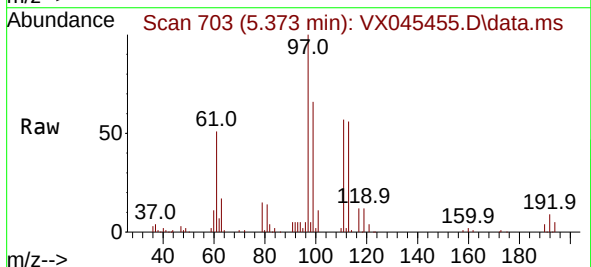
Manual Integrations
APPROVED

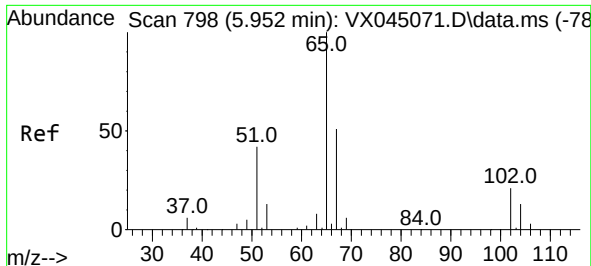
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#32
1,1,1-Trichloroethane
Concen: 60.925 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Tgt Ion: 97 Resp: 90456
Ion Ratio Lower Upper
97 100
99 63.2 51.6 77.4
61 50.1 38.4 57.6





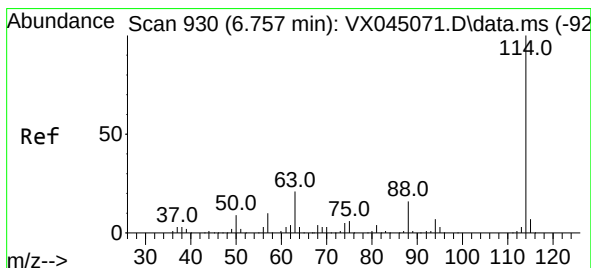
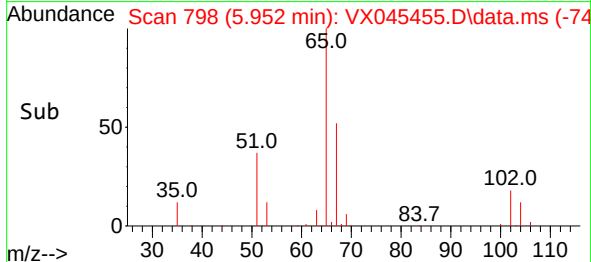
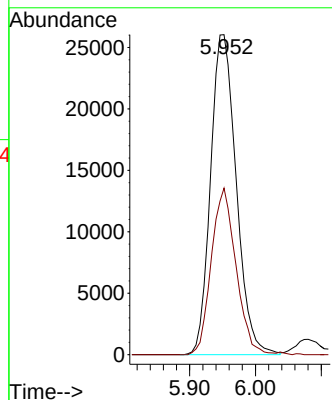
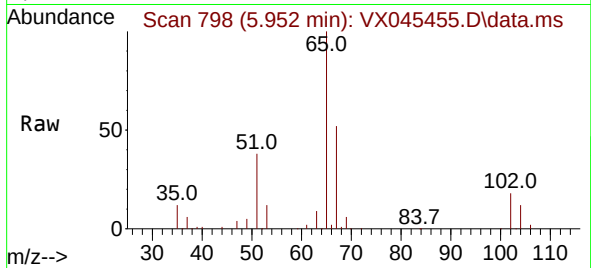
#33
 1,2-Dichloroethane-d4
 Concen: 59.981 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX045455.D
 Acq: 25 Mar 2025 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 70804
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 106.2

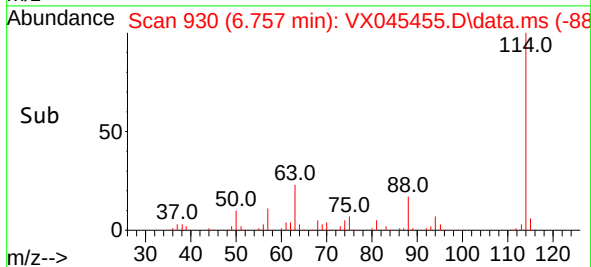
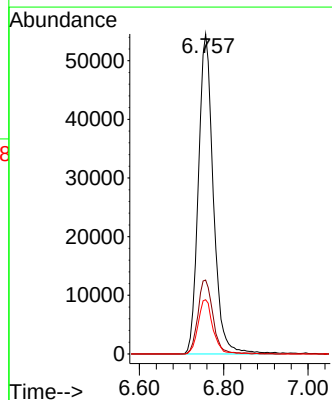
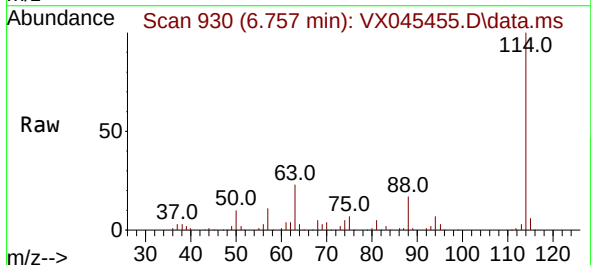
Manual Integrations
 APPROVED

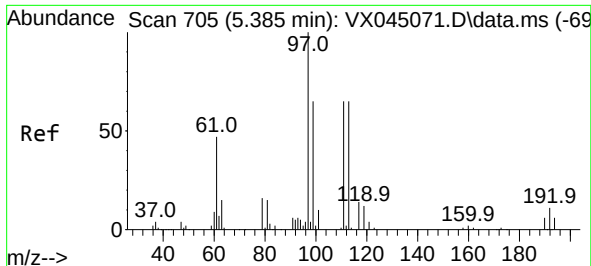
Reviewed By :John Carlone 03/26/2025
 Supervised By :Mahesh Dadoda 03/26/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX045455.D
 Acq: 25 Mar 2025 21:00

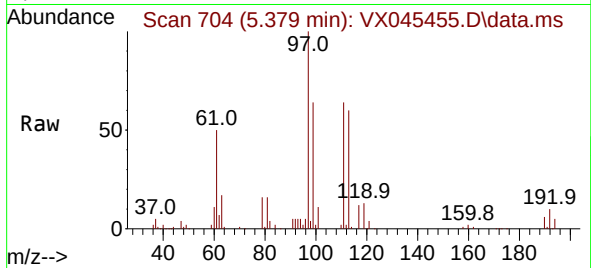
Tgt Ion:114 Resp: 134524
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 41.8
 88 17.0 0.0 32.8





#35
Dibromofluoromethane
Concen: 56.066 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

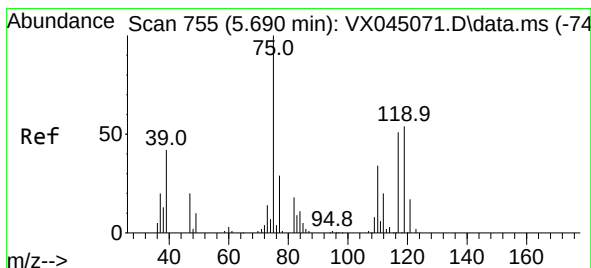
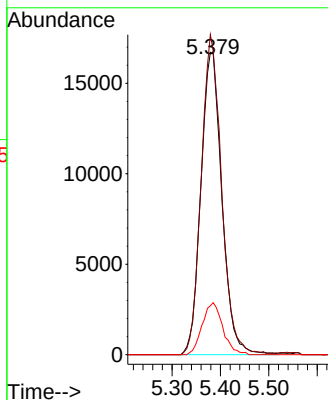
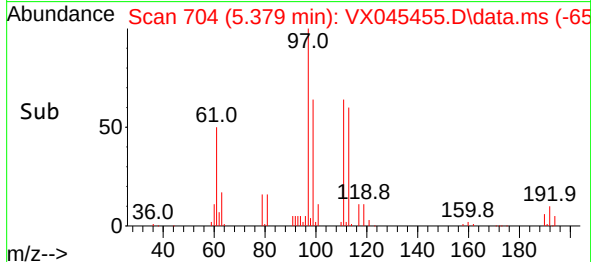
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 5043
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.6
192 16.8 14.3 21.5

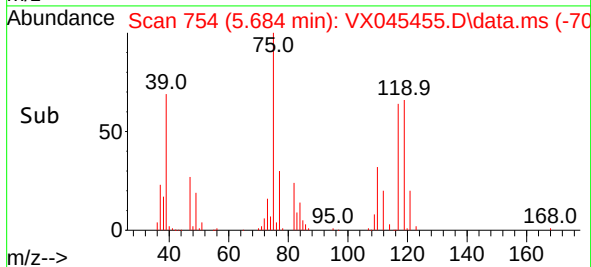
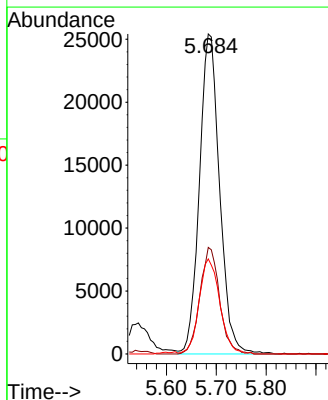
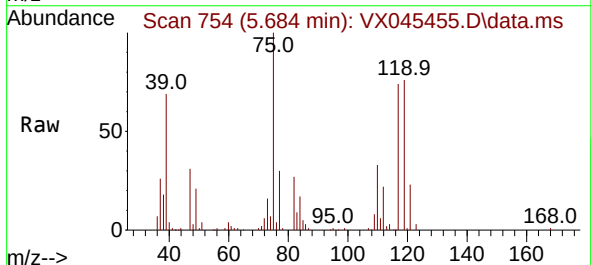
Manual Integrations
APPROVED

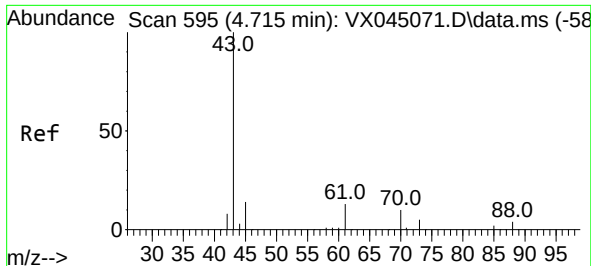
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#36
1,1-Dichloropropene
Concen: 57.863 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

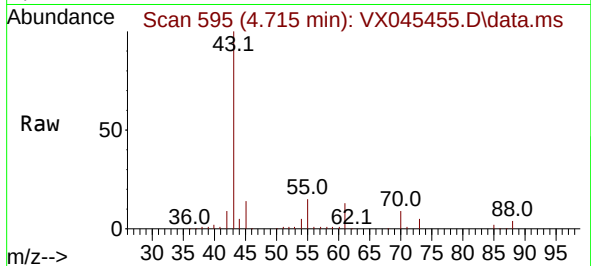
Tgt Ion: 75 Resp: 71380
Ion Ratio Lower Upper
75 100
110 32.5 16.9 50.6
77 30.5 24.5 36.7





#37
Ethyl Acetate
Concen: 55.438 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

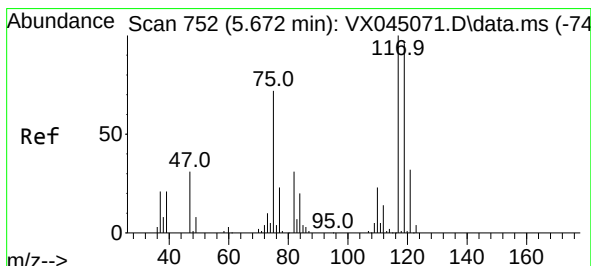
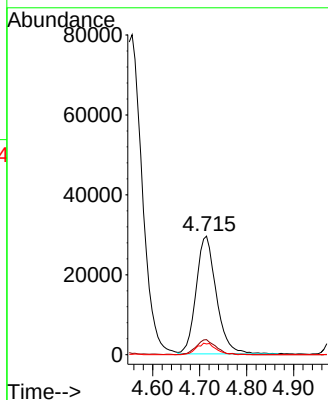
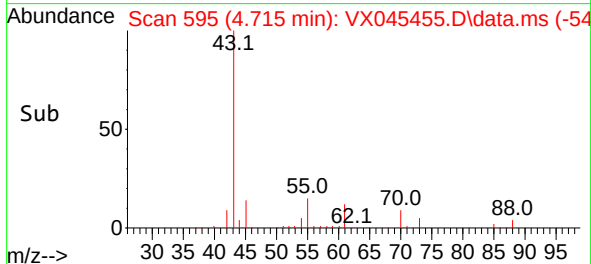
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 8812
Ion Ratio Lower Upper
43 100
61 12.7 10.8 16.2
70 9.4 7.7 11.5

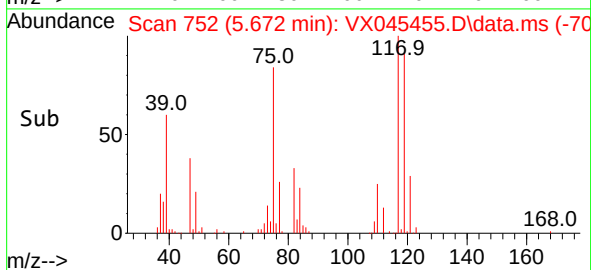
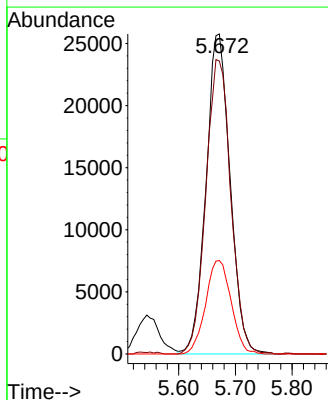
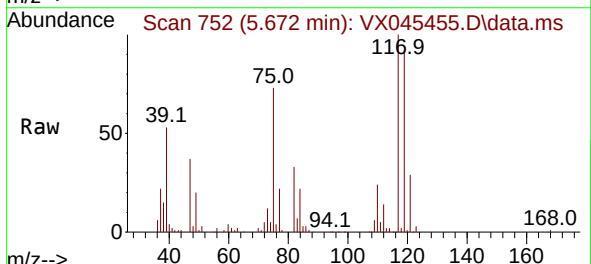
Manual Integrations
APPROVED

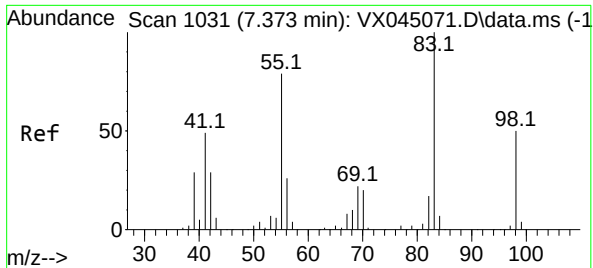
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#38
Carbon Tetrachloride
Concen: 60.748 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Tgt Ion:117 Resp: 76081
Ion Ratio Lower Upper
117 100
119 91.6 76.7 115.1
121 29.2 25.5 38.3





#39
Methylcyclohexane
Concen: 60.220 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Instrument :

MSVOA_X

ClientSampleId :

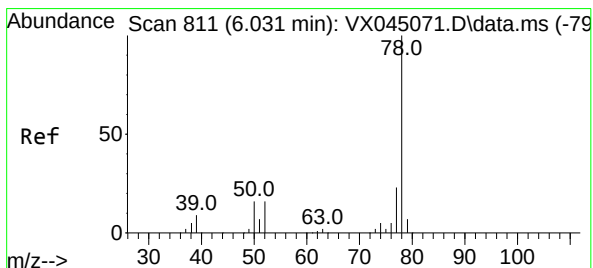
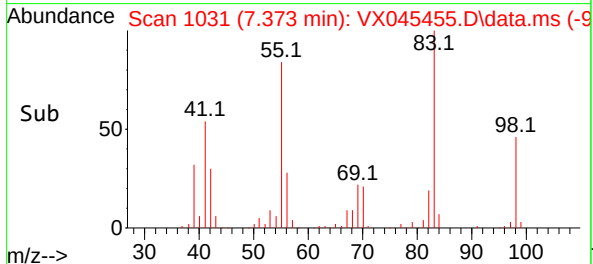
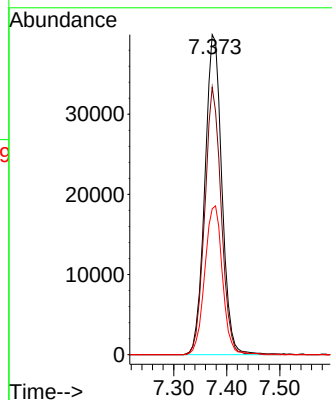
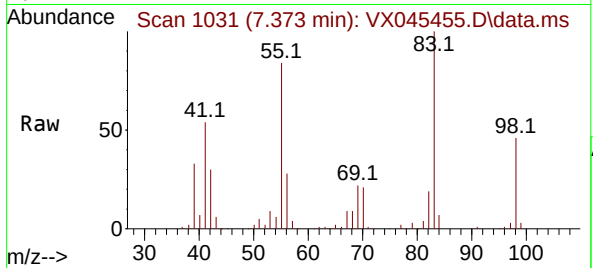
VSTDCCC050EC

Tgt Ion: 83 Resp: 89014
Ion Ratio Lower Upper
83 100
55 83.6 63.0 94.4
98 45.6 39.7 59.5

Manual Integrations

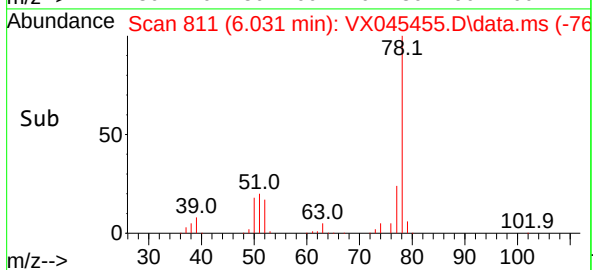
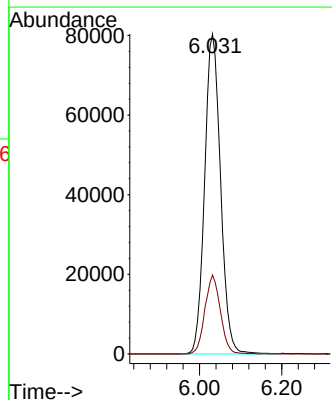
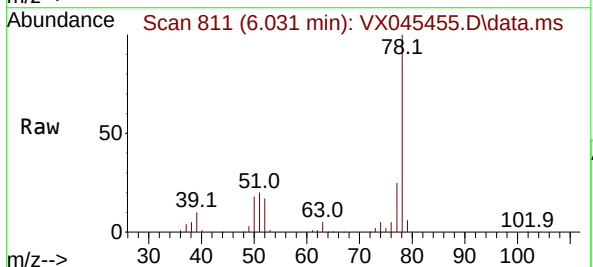
APPROVED

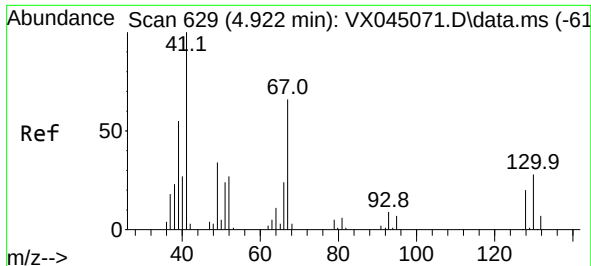
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#40
Benzene
Concen: 55.448 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

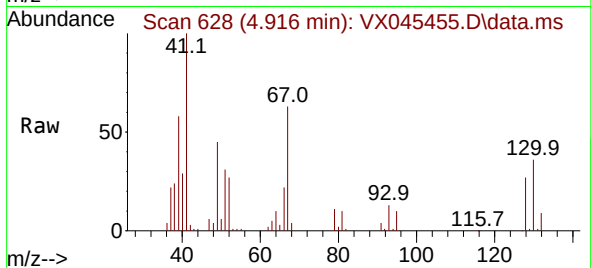
Tgt Ion: 78 Resp: 215997
Ion Ratio Lower Upper
78 100
77 24.7 18.8 28.2





#41
Methacrylonitrile
Concen: 57.777 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

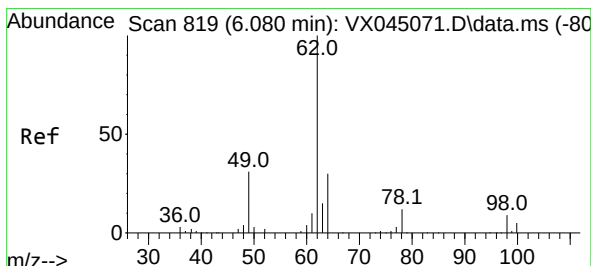
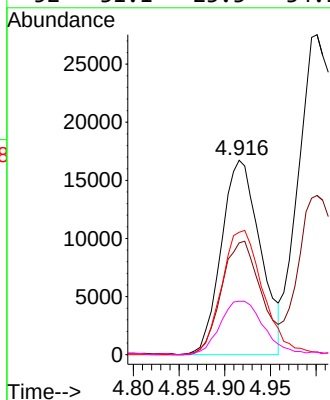
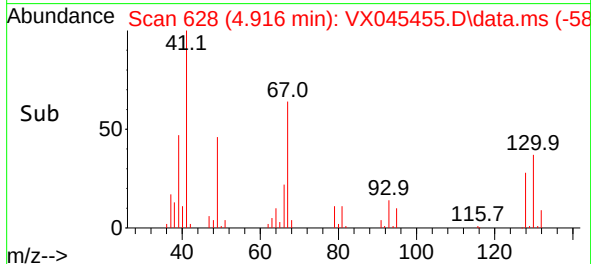
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 49660
Ion Ratio Lower Upper
41 100
39 59.4 44.6 67.0
67 68.0 53.9 80.9
52 31.1 23.3 34.9

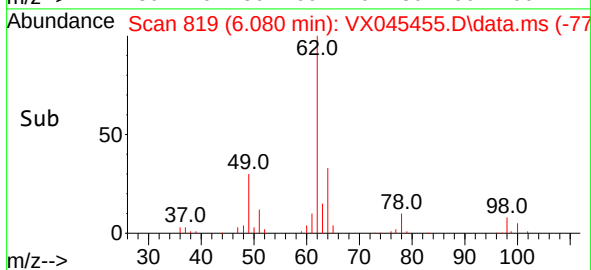
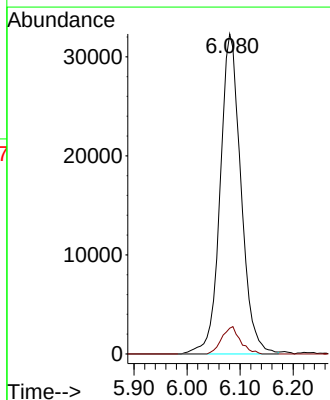
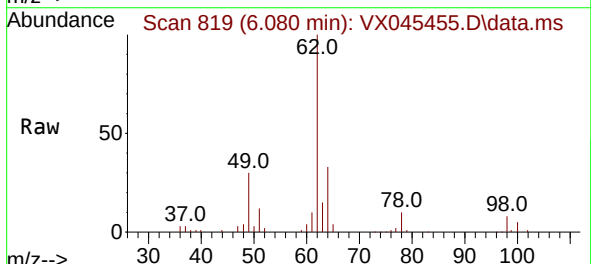
Manual Integrations
APPROVED

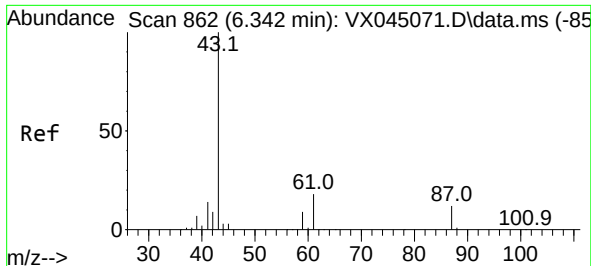
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#42
1,2-Dichloroethane
Concen: 62.788 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

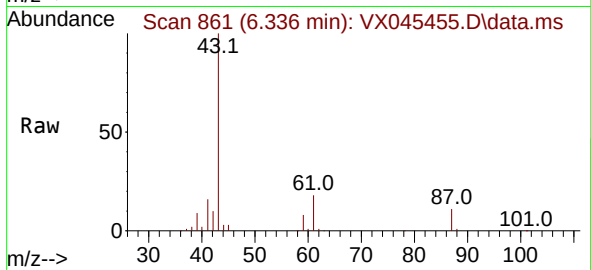
Tgt Ion: 62 Resp: 88076
Ion Ratio Lower Upper
62 100
98 7.6 0.0 18.2





#43
Isopropyl Acetate
Concen: 58.665 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

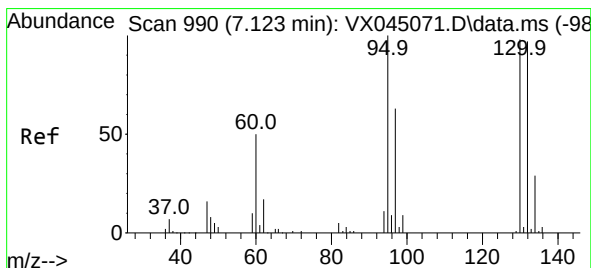
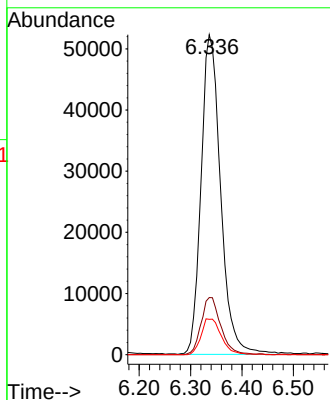
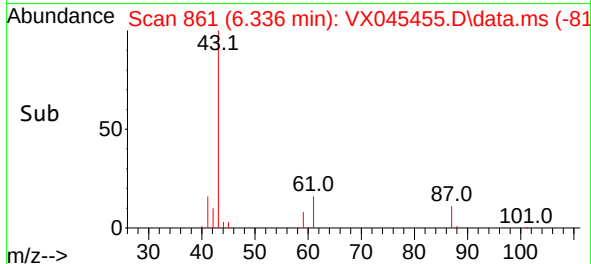
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 137894
Ion Ratio Lower Upper
43 100
61 18.0 14.9 22.3
87 11.6 9.4 14.2

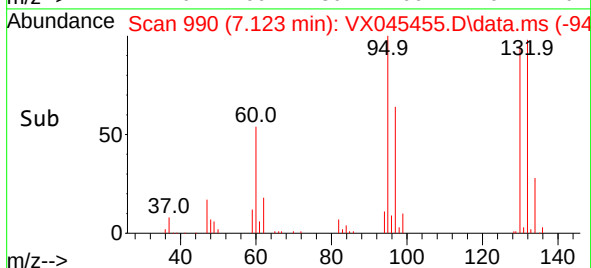
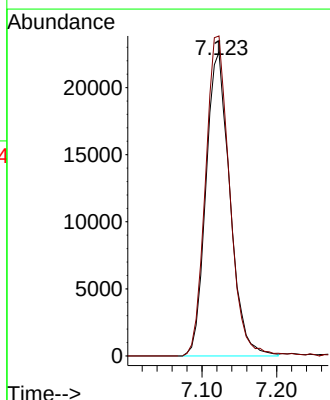
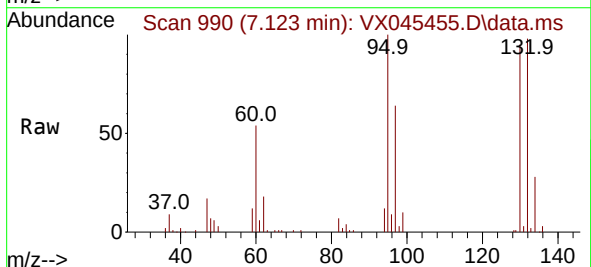
Manual Integrations
APPROVED

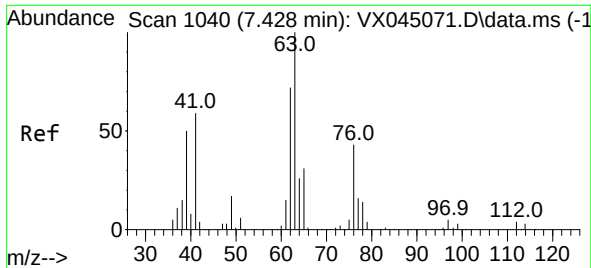
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#44
Trichloroethene
Concen: 55.263 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

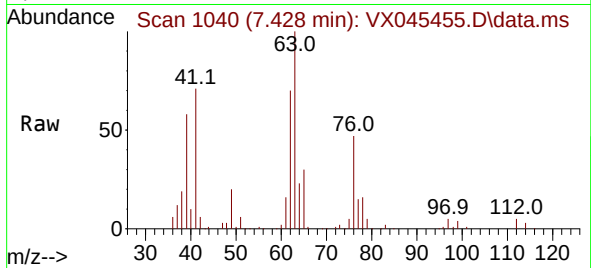
Tgt Ion:130 Resp: 50548
Ion Ratio Lower Upper
130 100
95 105.3 0.0 205.0





#45
1,2-Dichloropropane
Concen: 55.105 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

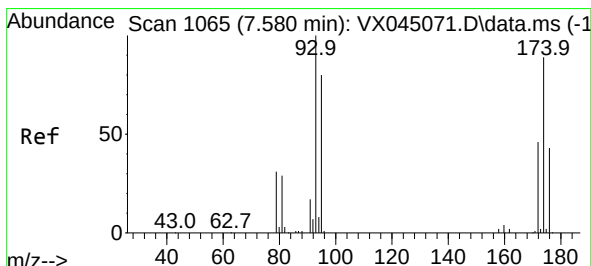
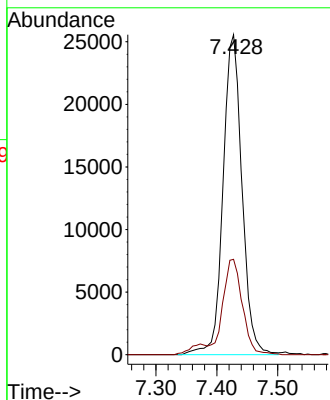
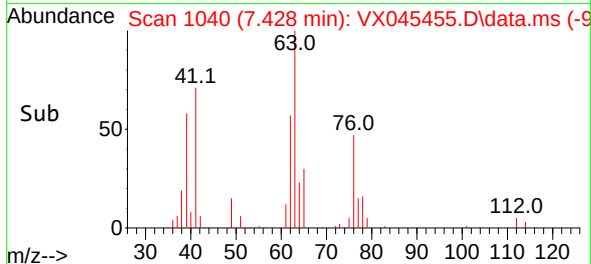
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



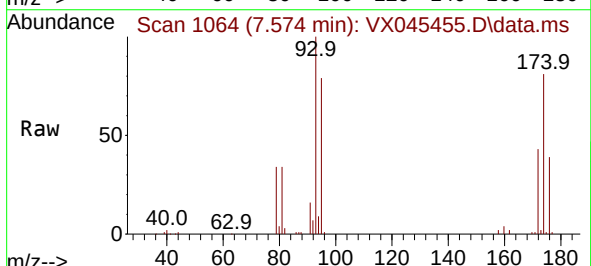
Tgt Ion: 63 Resp: 5519
Ion Ratio Lower Upper
63 100
65 29.5 24.7 37.1

Manual Integrations
APPROVED

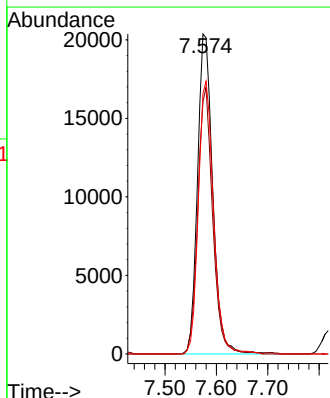
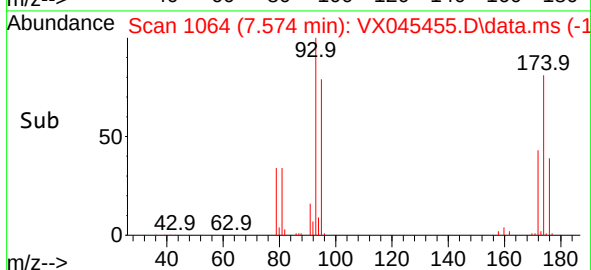
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

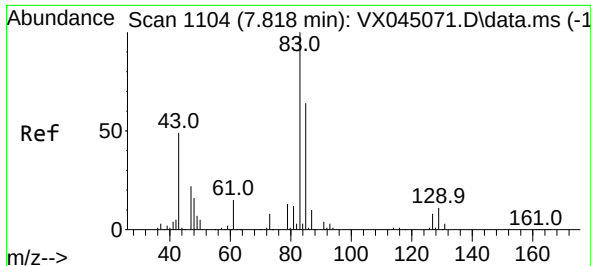


#46
Dibromomethane
Concen: 59.321 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00



Tgt Ion: 93 Resp: 41994
Ion Ratio Lower Upper
93 100
95 80.8 65.8 98.8
174 85.0 72.2 108.2





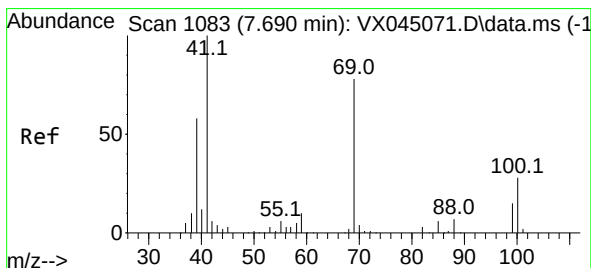
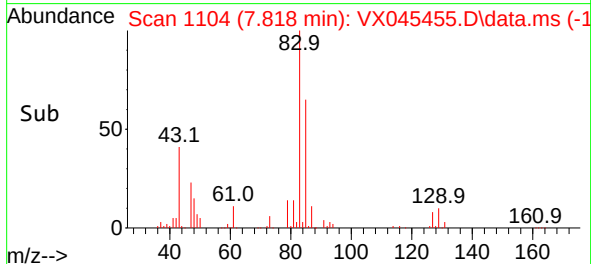
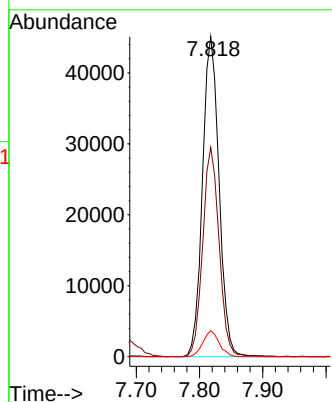
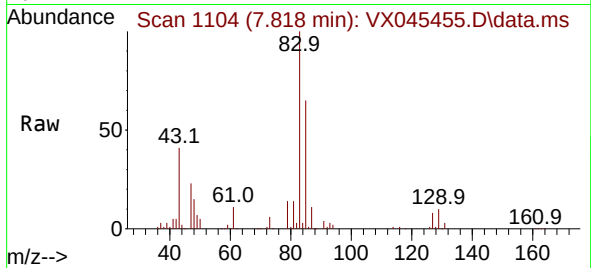
#47
Bromodichloromethane
Concen: 59.321 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8237
Ion Ratio Lower Upper
83 100
85 65.4 51.1 76.7
127 8.1 6.4 9.6

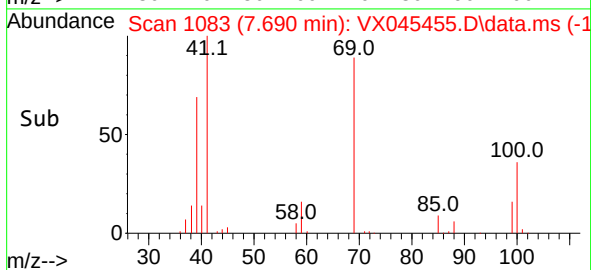
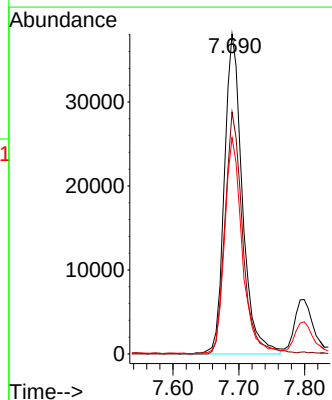
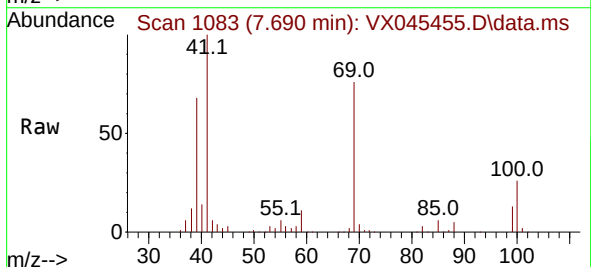
Manual Integrations
APPROVED

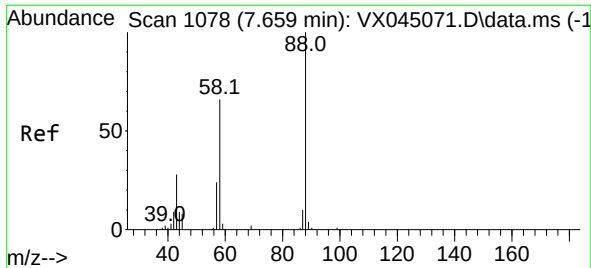
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#48
Methyl methacrylate
Concen: 61.434 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

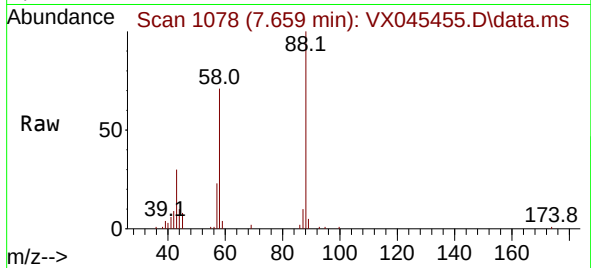
Tgt Ion: 41 Resp: 72446
Ion Ratio Lower Upper
41 100
69 74.5 63.0 94.6
39 66.8 47.5 71.3





#49
1,4-Dioxane
Concen: 1006.555 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

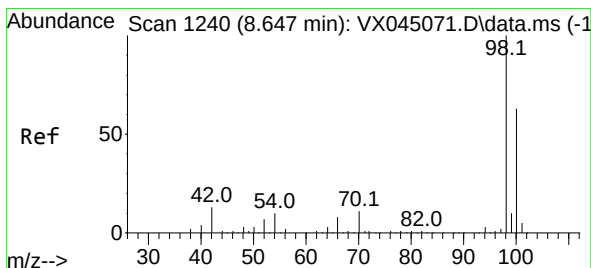
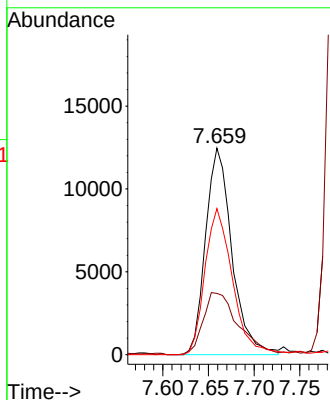
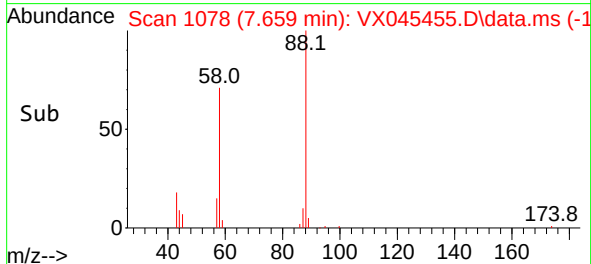
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 25038
Ion Ratio Lower Upper
88 100
43 40.3 28.7 43.1
58 73.9 55.8 83.8

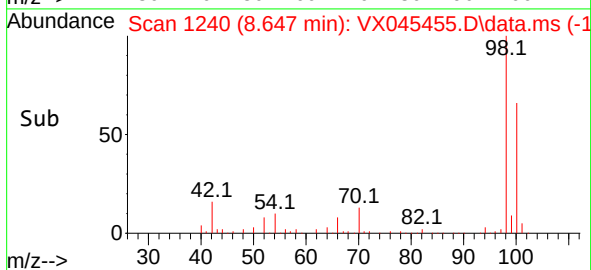
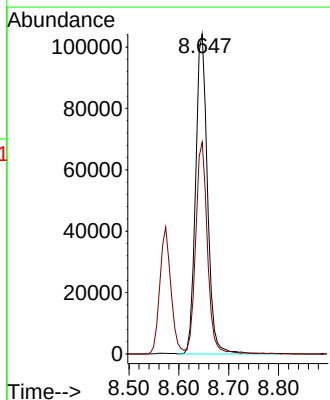
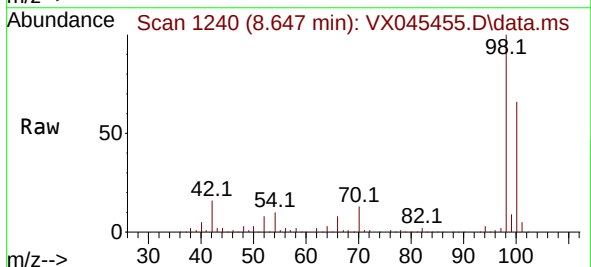
Manual Integrations
APPROVED

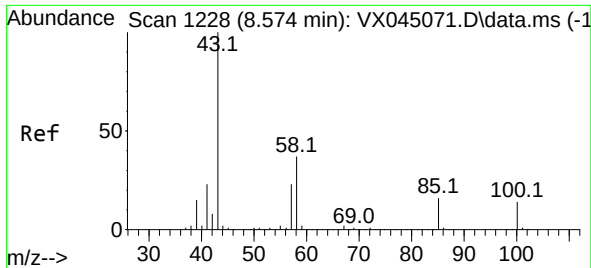
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#50
Toluene-d8
Concen: 52.766 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Tgt Ion: 98 Resp: 172074
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0





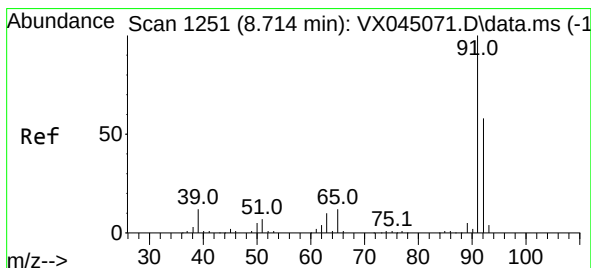
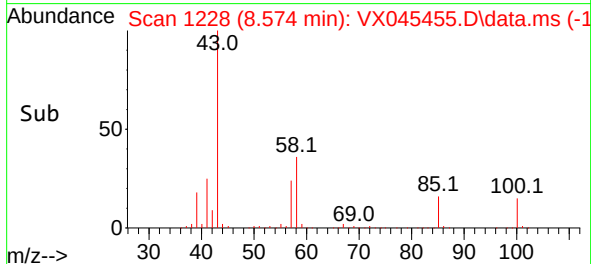
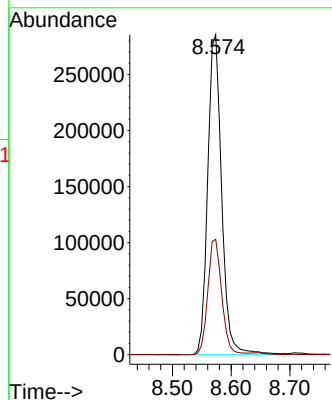
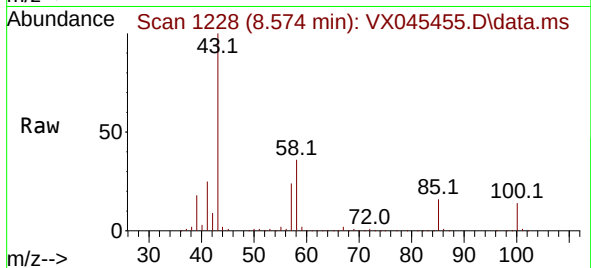
#51
4-Methyl-2-Pentanone
Concen: 298.691 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 471412
Ion Ratio Lower Upper
43 100
58 36.0 29.2 43.8

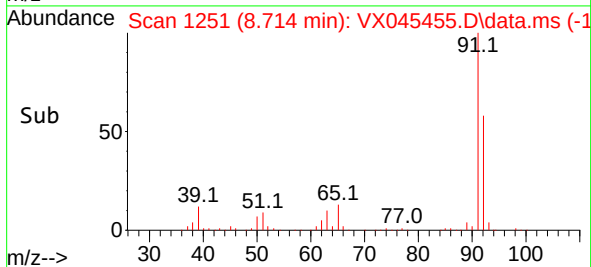
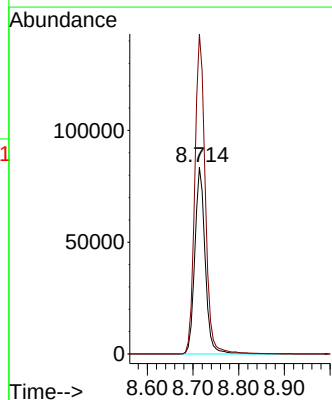
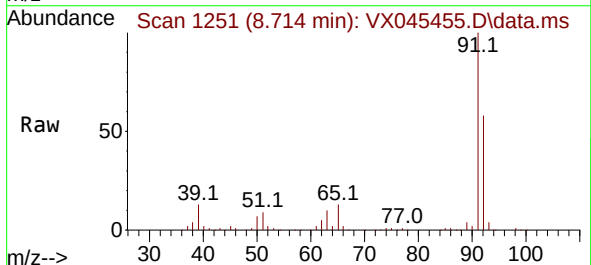
Manual Integrations
APPROVED

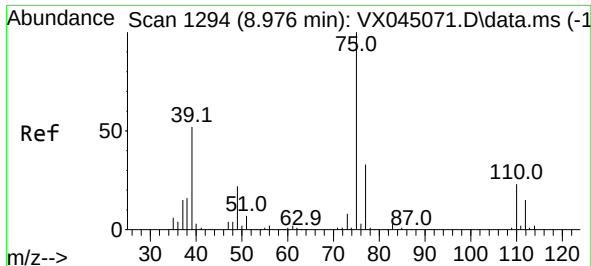
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#52
Toluene
Concen: 57.535 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

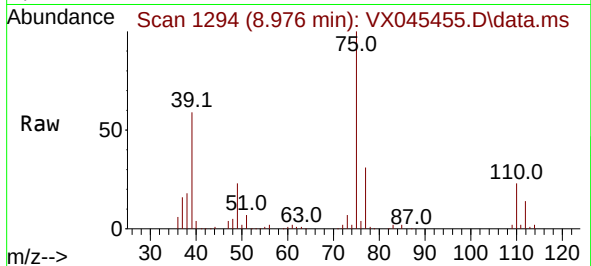
Tgt Ion: 92 Resp: 131498
Ion Ratio Lower Upper
92 100
91 173.4 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 61.389 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

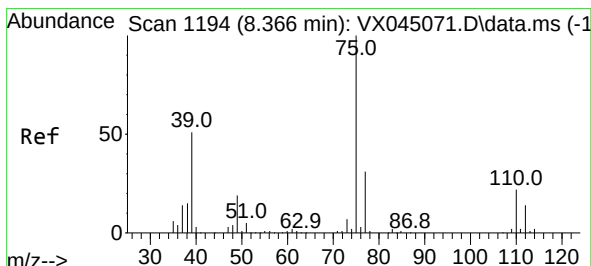
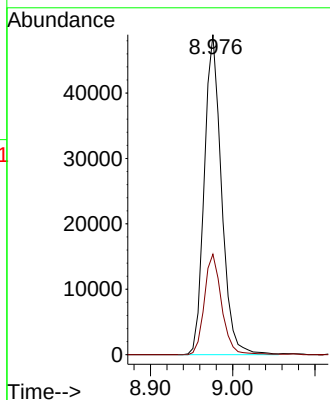
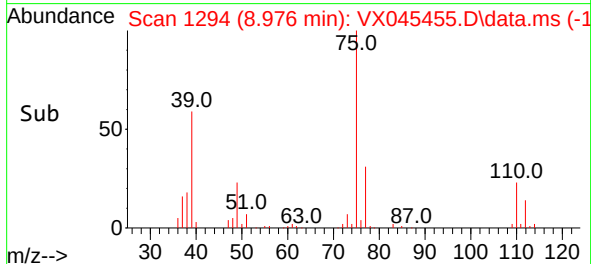
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



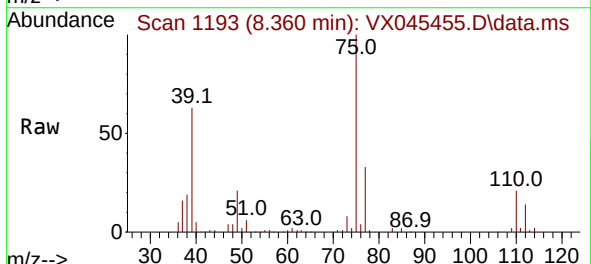
Tgt Ion: 75 Resp: 7126
Ion Ratio Lower Upper
75 100
77 31.4 26.5 39.7

Manual Integrations
APPROVED

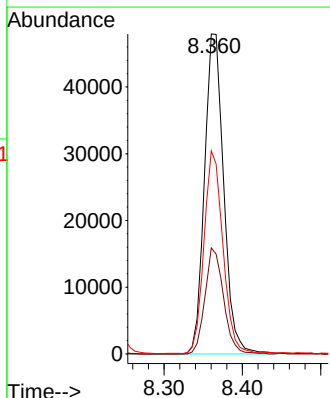
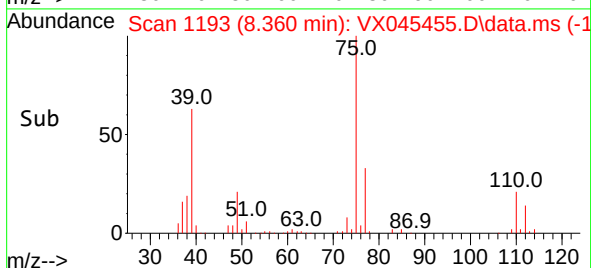
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

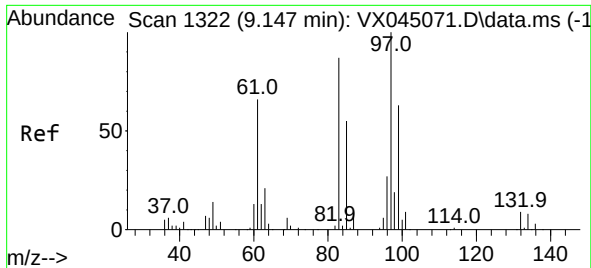


#54
cis-1,3-Dichloropropene
Concen: 60.428 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00



Tgt Ion: 75 Resp: 81798
Ion Ratio Lower Upper
75 100
77 33.2 24.7 37.1
39 63.3 40.7 61.1#





#55
1,1,2-Trichloroethane
Concen: 55.917 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

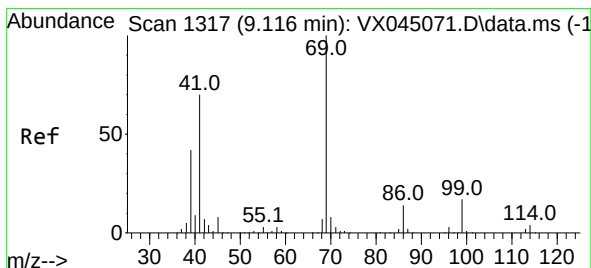
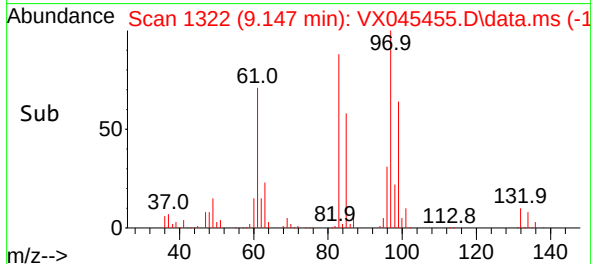
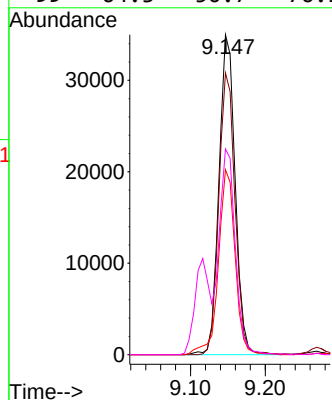
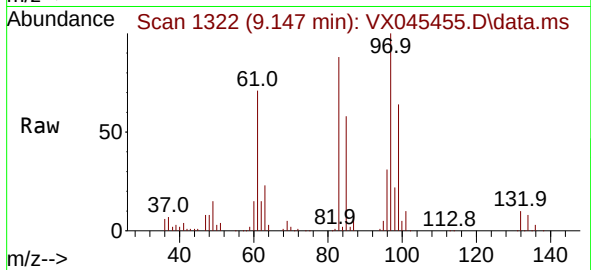
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 5261

Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.4	104.2
85	57.8	44.1	66.1
99	64.3	50.7	76.1

Manual Integrations
APPROVED

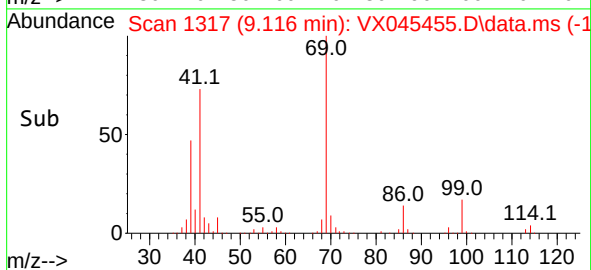
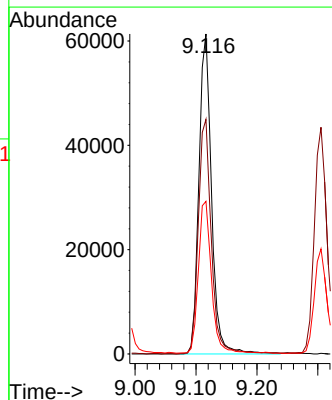
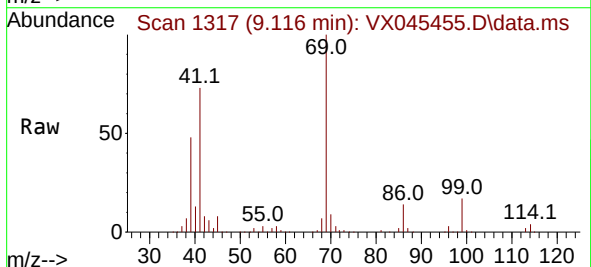
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

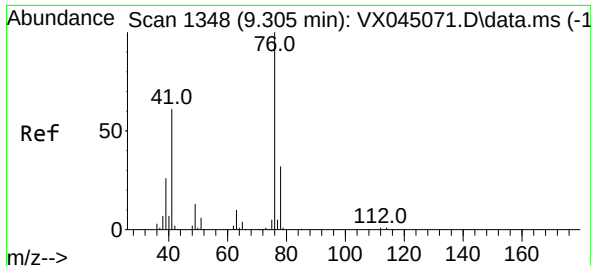


#56
Ethyl methacrylate
Concen: 61.863 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Tgt Ion: 69 Resp: 88478

Ion	Ratio	Lower	Upper
69	100		
41	75.7	57.0	85.4
39	48.8	34.2	51.4





#57

1,3-Dichloropropane

Concen: 57.147 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045455.D

Acq: 25 Mar 2025 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 9305

Ion Ratio Lower Upper

76 100

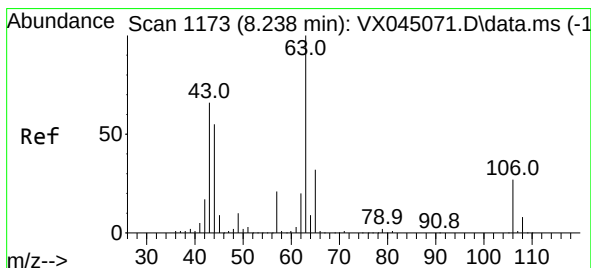
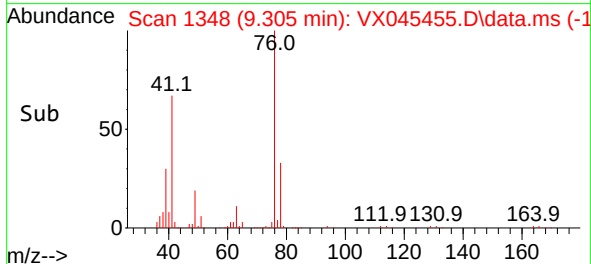
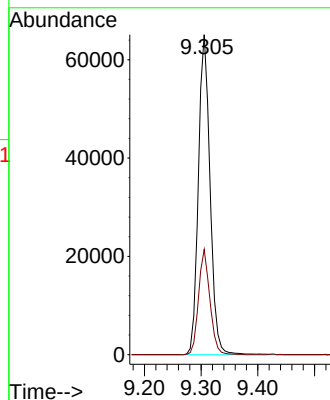
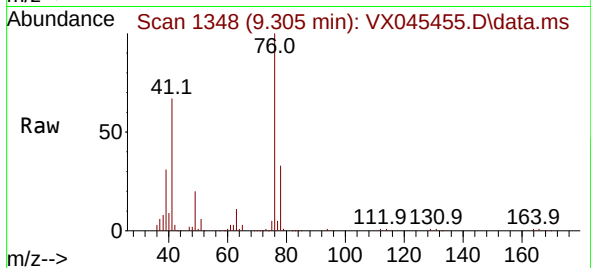
78 32.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 320.494 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.000 min

Lab File: VX045455.D

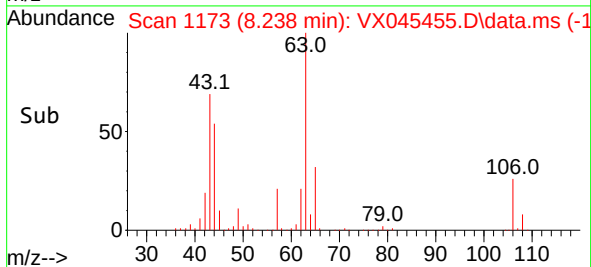
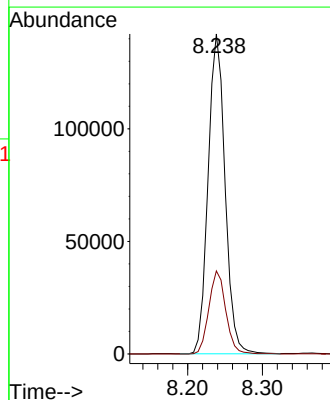
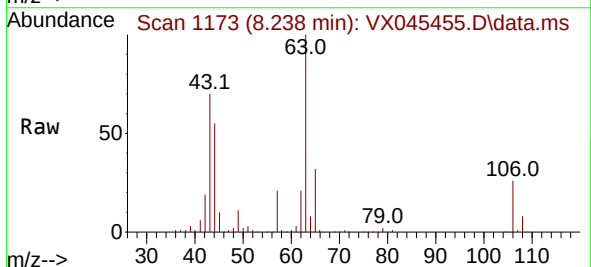
Acq: 25 Mar 2025 21:00

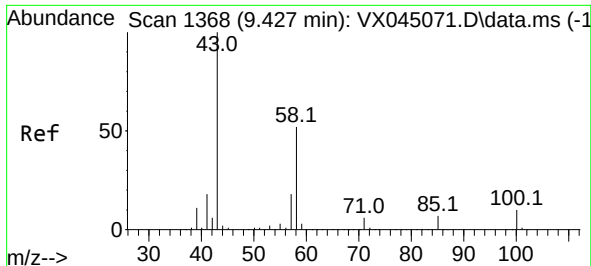
Tgt Ion: 63 Resp: 223602

Ion Ratio Lower Upper

63 100

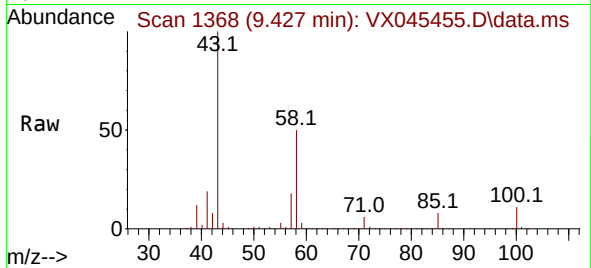
106 25.9 21.5 32.3





#59
2-Hexanone
Concen: 308.540 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

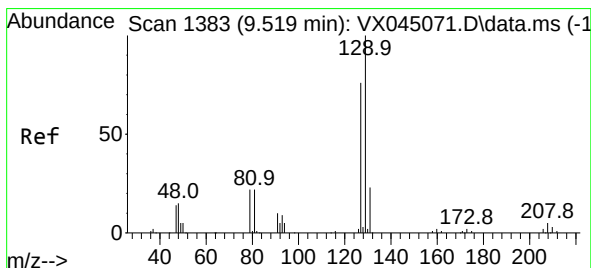
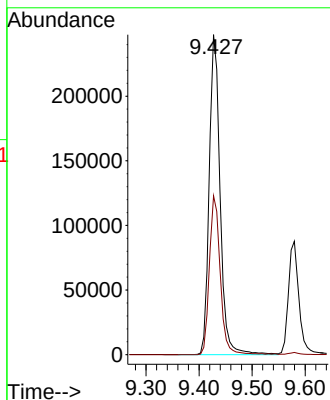
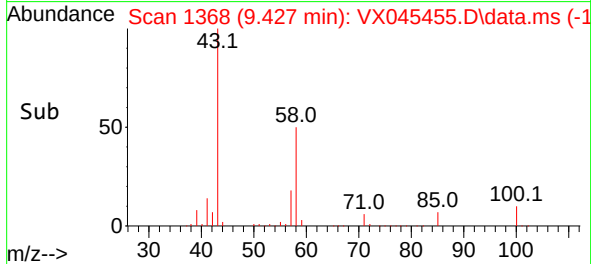
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 352820
Ion Ratio Lower Upper
43 100
58 49.8 25.9 77.6

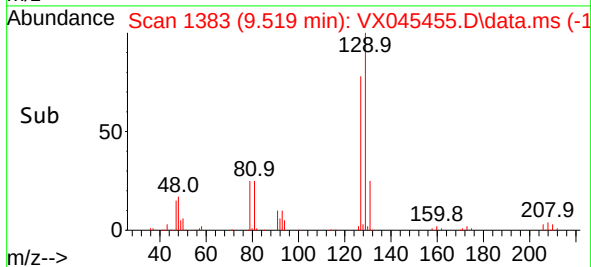
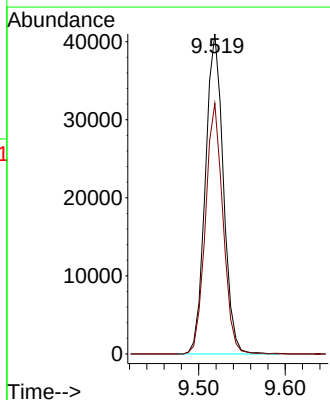
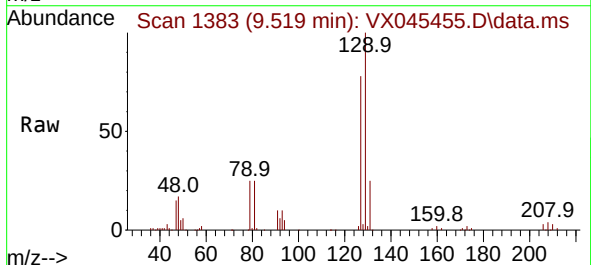
Manual Integrations
APPROVED

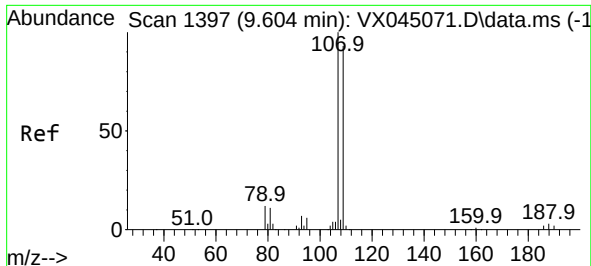
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#60
Dibromochloromethane
Concen: 59.912 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

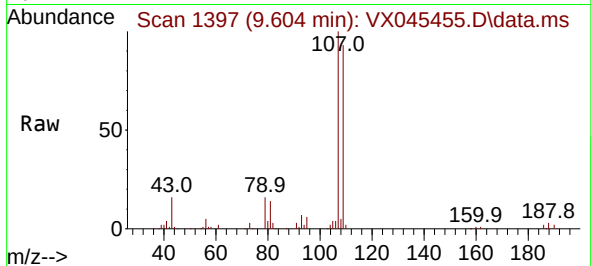
Tgt Ion:129 Resp: 58941
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61
1,2-Dibromoethane
Concen: 57.791 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

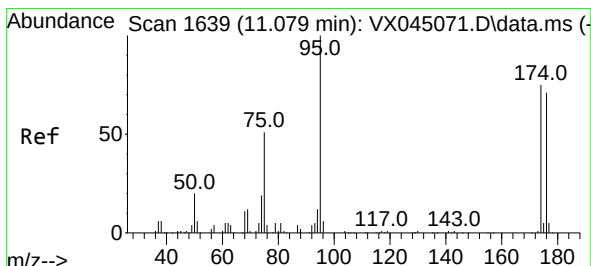
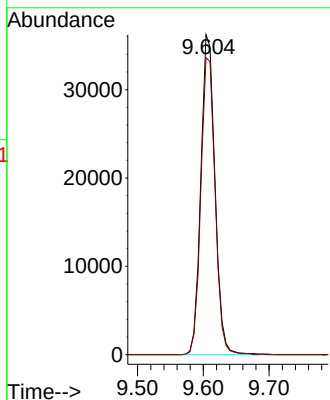
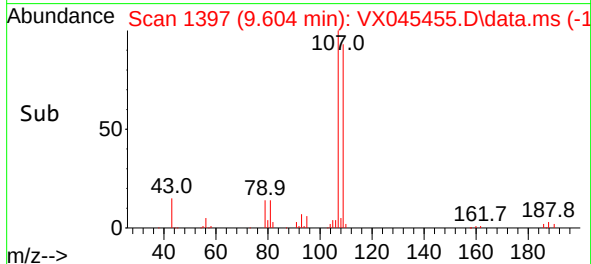
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 5428
Ion Ratio Lower Upper
107 100
109 93.6 76.1 114.1

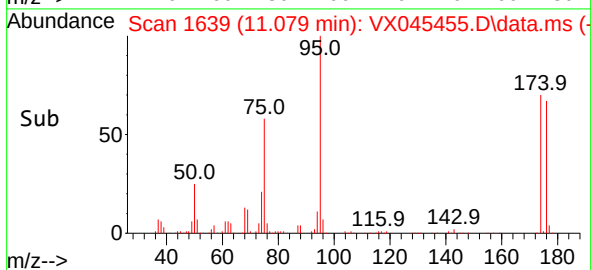
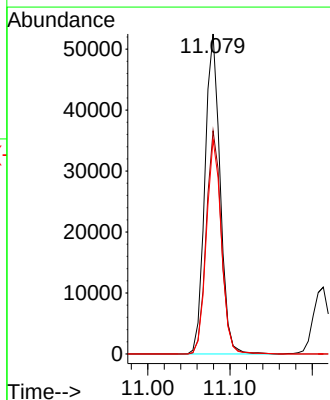
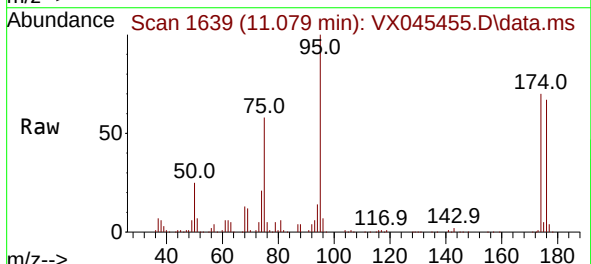
Manual Integrations
APPROVED

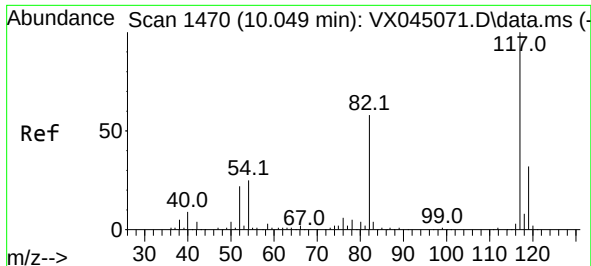
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#62
4-Bromofluorobenzene
Concen: 62.340 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

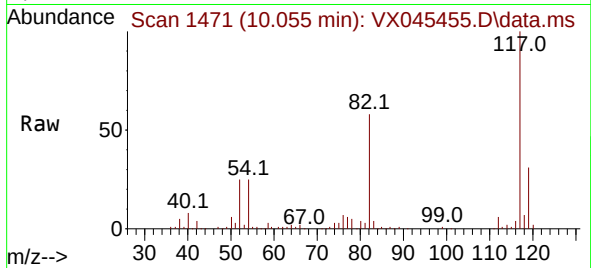
Tgt Ion: 95 Resp: 67367
Ion Ratio Lower Upper
95 100
174 69.1 0.0 148.2
176 66.2 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

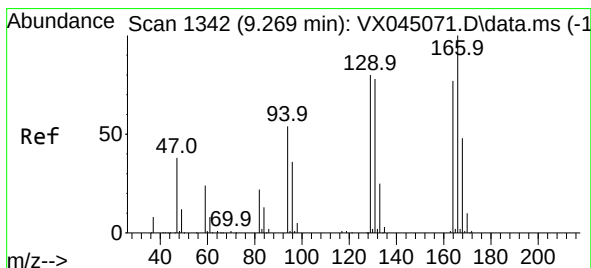
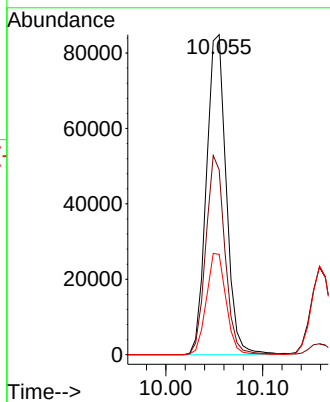
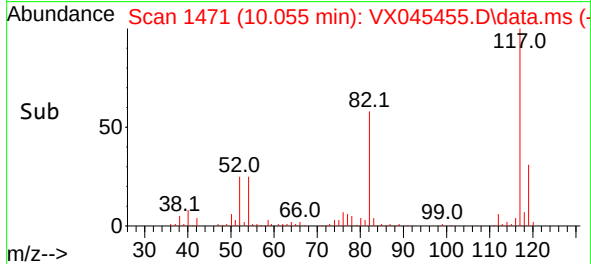
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 12075
Ion Ratio Lower Upper
117 100
82 57.8 46.3 69.5
119 31.4 25.7 38.5

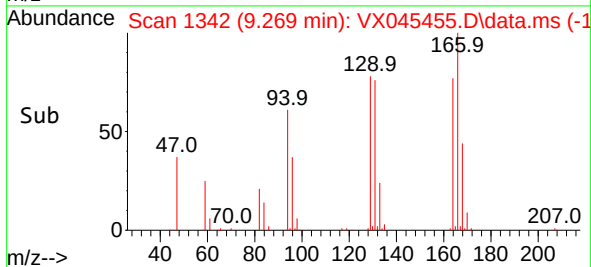
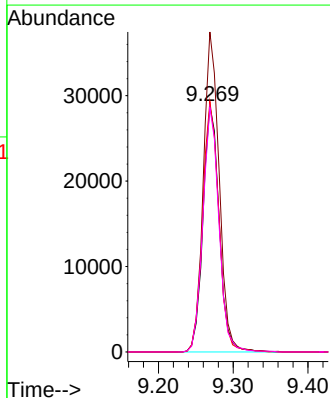
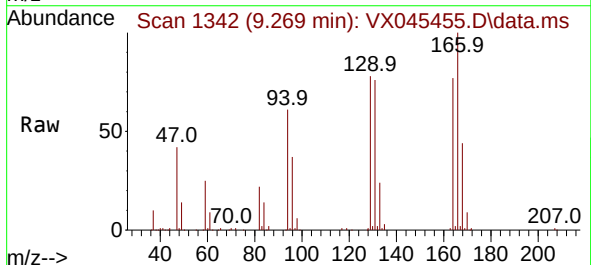
Manual Integrations
APPROVED

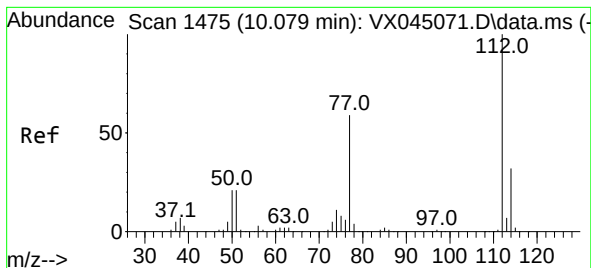
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#64
Tetrachloroethene
Concen: 56.012 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Tgt Ion:164 Resp: 43318
Ion Ratio Lower Upper
164 100
166 130.0 103.6 155.4
129 101.8 82.7 124.1
131 99.4 80.5 120.7





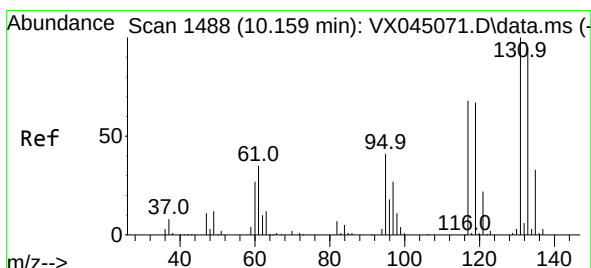
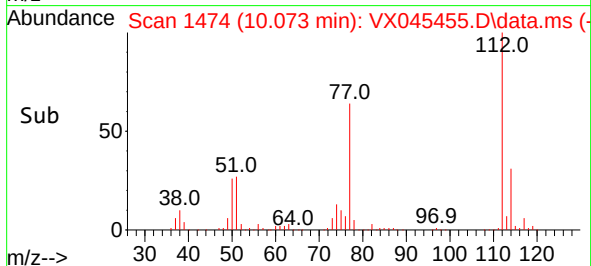
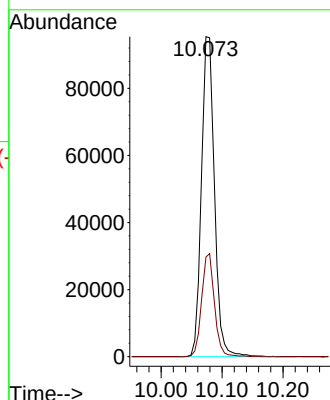
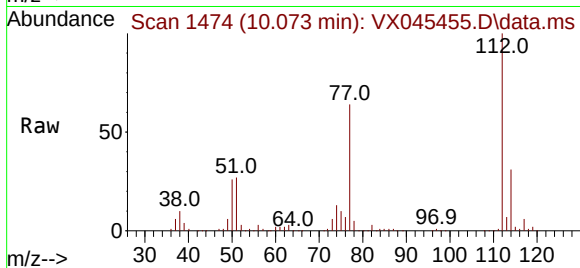
#65
Chlorobenzene
Concen: 55.448 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 141675
Ion Ratio Lower Upper
112 100
114 31.2 26.0 39.0

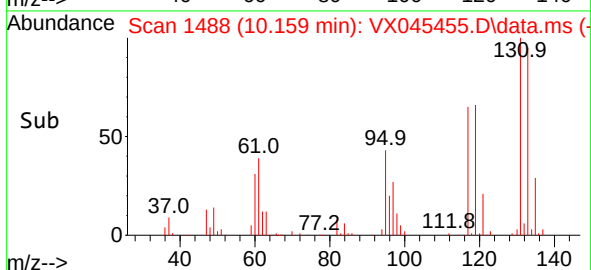
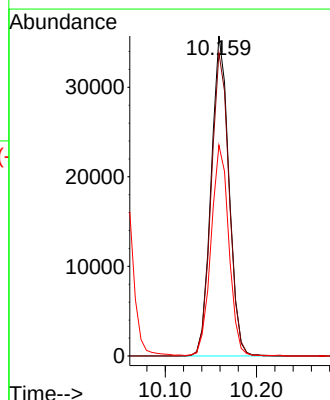
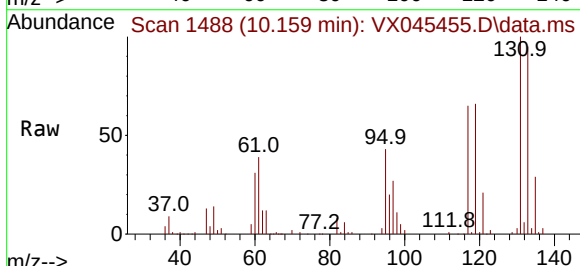
Manual Integrations
APPROVED

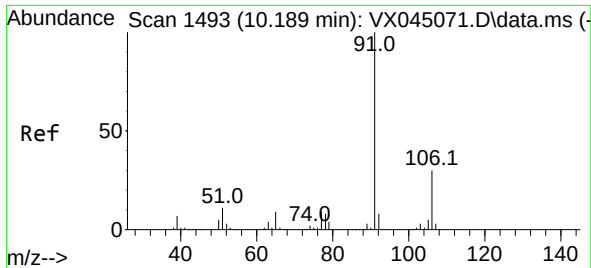
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 56.581 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

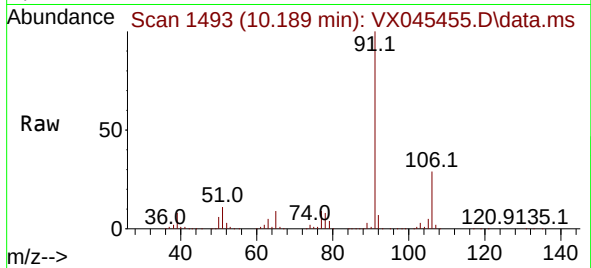
Tgt Ion:131 Resp: 48145
Ion Ratio Lower Upper
131 100
133 95.6 48.6 145.9
119 66.0 33.9 101.7





#67
Ethyl Benzene
Concen: 58.029 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

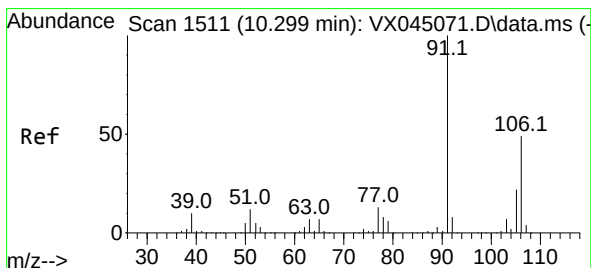
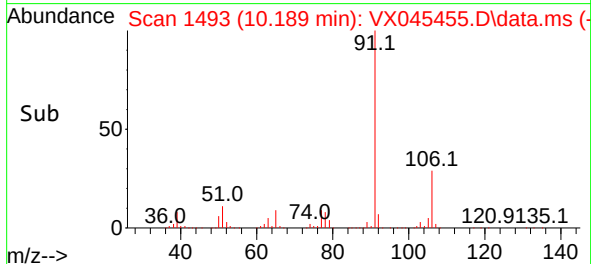
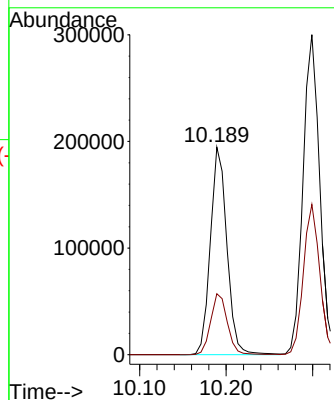
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 25835
Ion Ratio Lower Upper
91 100
106 29.4 23.9 35.9

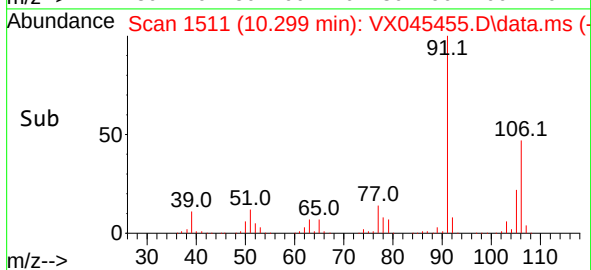
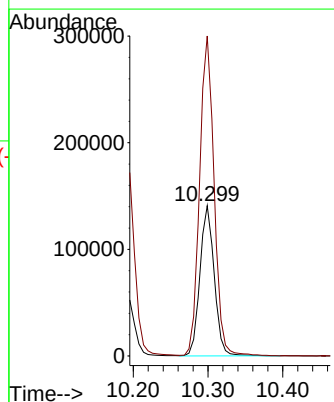
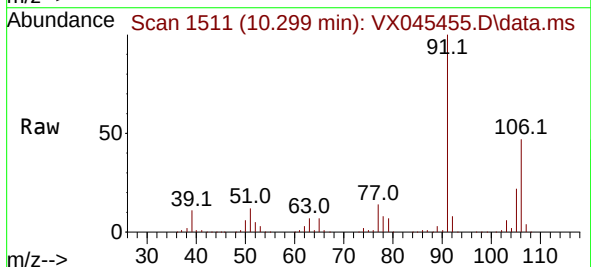
Manual Integrations
APPROVED

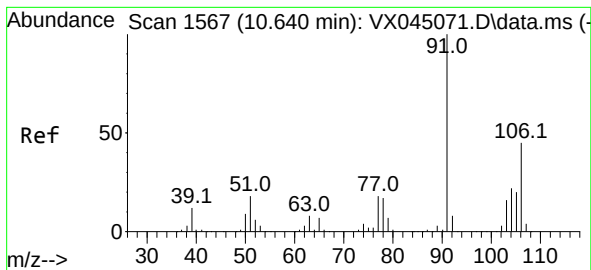
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#68
m/p-Xylenes
Concen: 114.904 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Tgt Ion:106 Resp: 187271
Ion Ratio Lower Upper
106 100
91 215.8 165.4 248.0





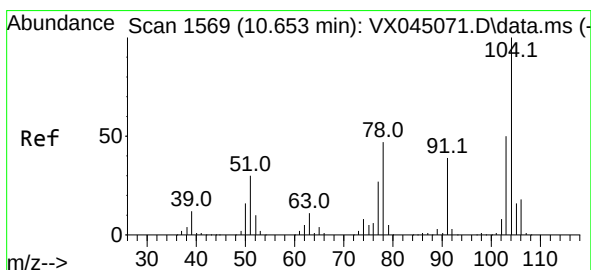
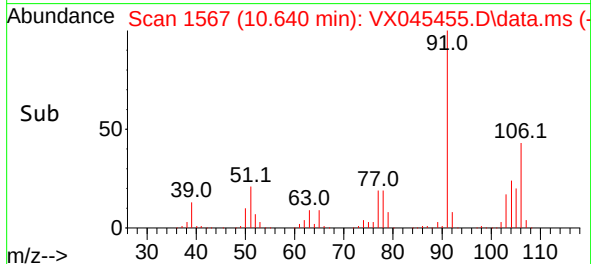
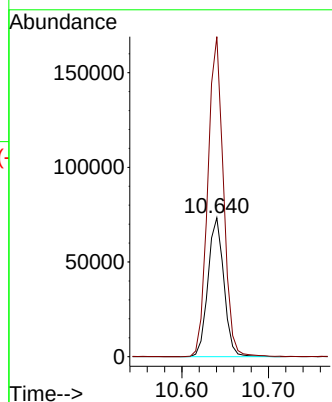
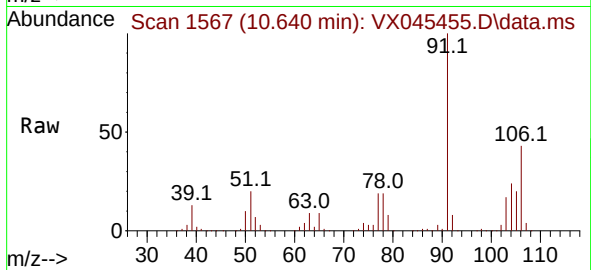
#69
o-Xylene
Concen: 56.852 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 9345
Ion Ratio Lower Upper
106 100
91 226.8 109.9 329.6

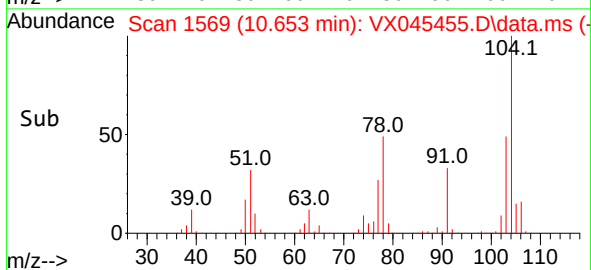
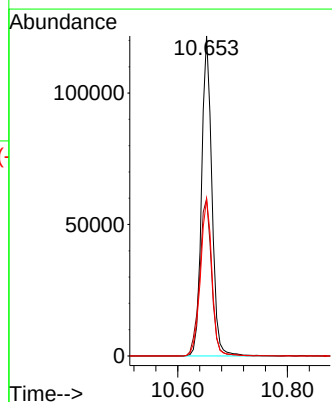
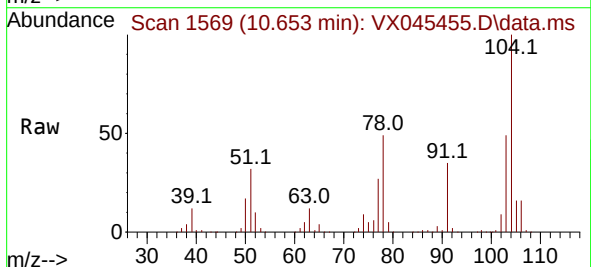
Manual Integrations
APPROVED

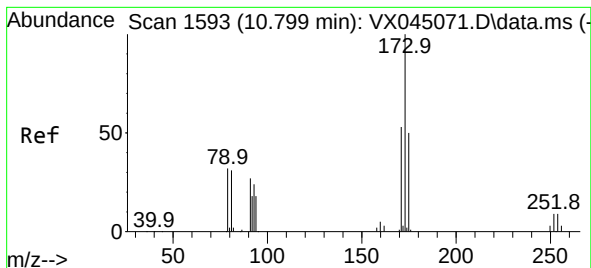
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#70
Styrene
Concen: 59.715 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Tgt Ion:104 Resp: 158826
Ion Ratio Lower Upper
104 100
78 56.8 42.2 63.4
103 54.8 43.8 65.8





#71

Bromoform

Concen: 58.263 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX045455.D

Acq: 25 Mar 2025 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

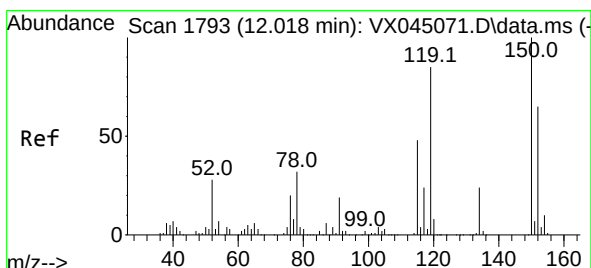
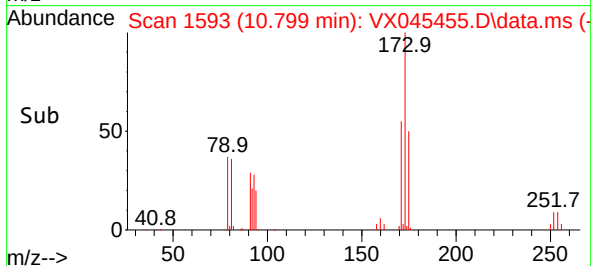
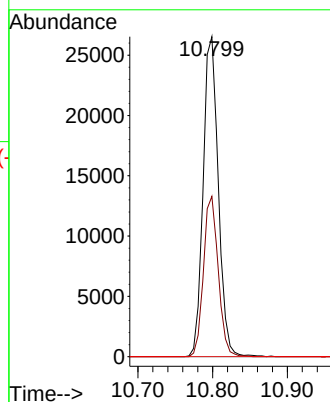
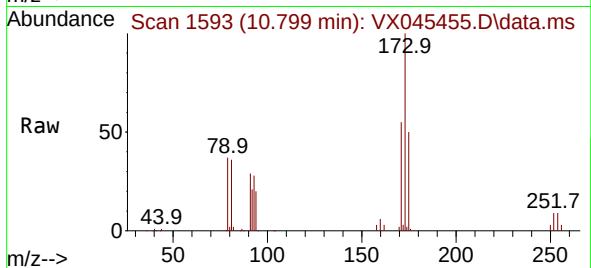
Tgt Ion:173 Resp: 37385
 Ion Ratio Lower Upper
 173 100
 175 48.7 24.6 73.6
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

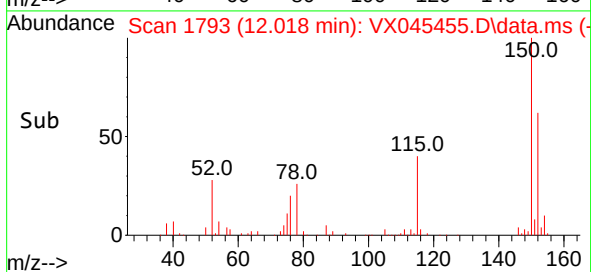
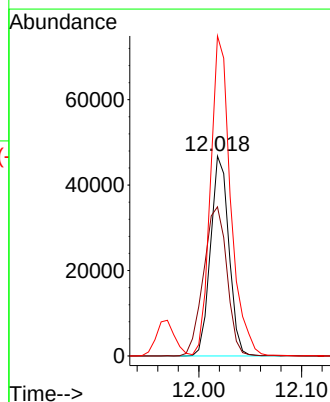
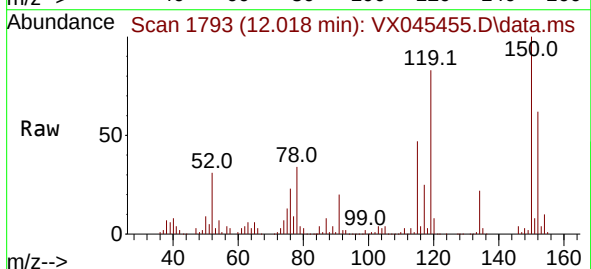
RT: 12.018 min Scan# 1793

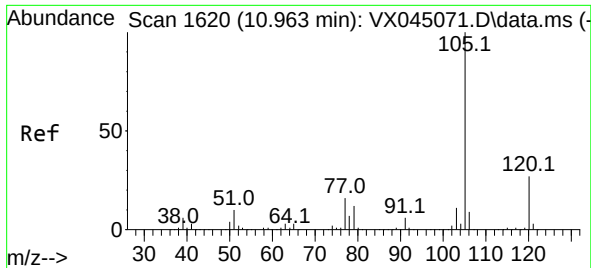
Delta R.T. -0.000 min

Lab File: VX045455.D

Acq: 25 Mar 2025 21:00

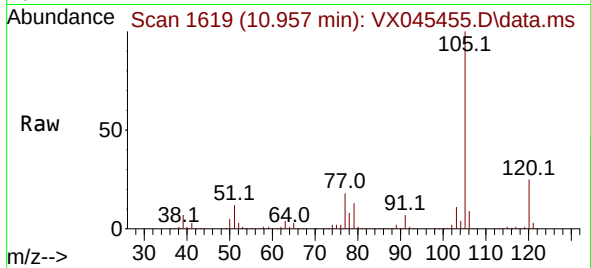
Tgt Ion:152 Resp: 57976
 Ion Ratio Lower Upper
 152 100
 115 95.4 44.2 132.6
 150 176.0 0.0 349.0





#73
Isopropylbenzene
Concen: 54.809 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

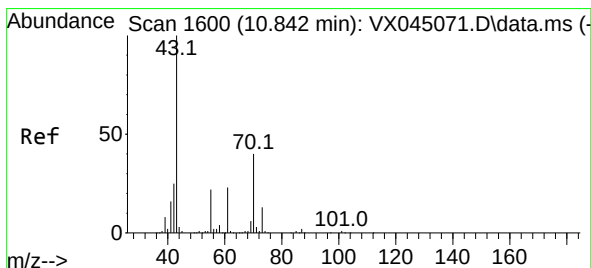
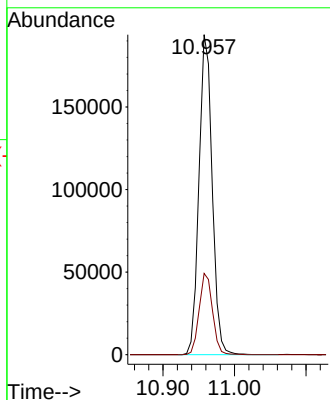
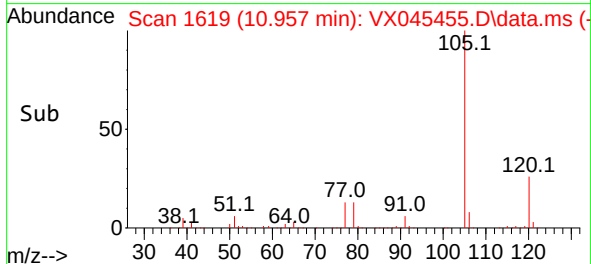
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 24802
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.5

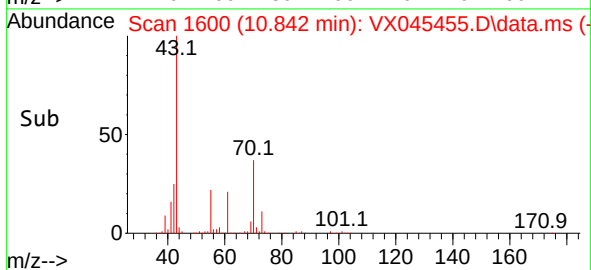
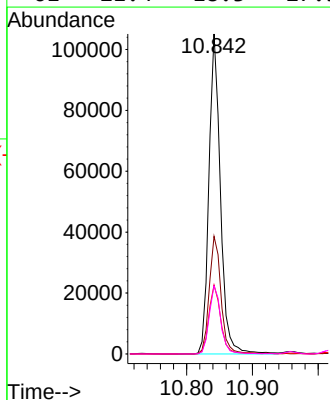
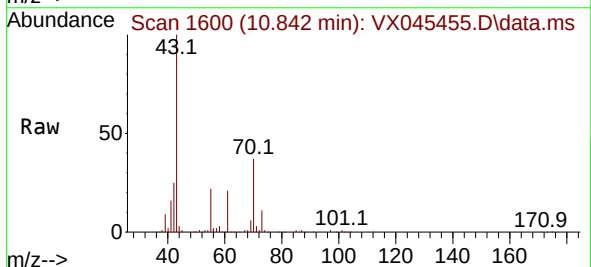
Manual Integrations
APPROVED

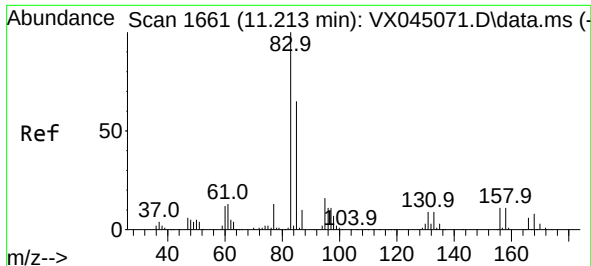
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#74
N-ethyl acetate
Concen: 60.199 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Tgt Ion: 43 Resp: 127825
Ion Ratio Lower Upper
43 100
70 37.9 31.8 47.6
55 22.3 18.3 27.5
61 21.4 18.3 27.5





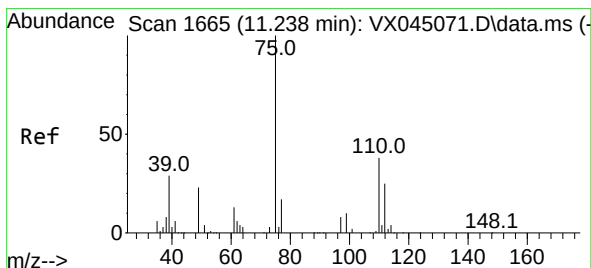
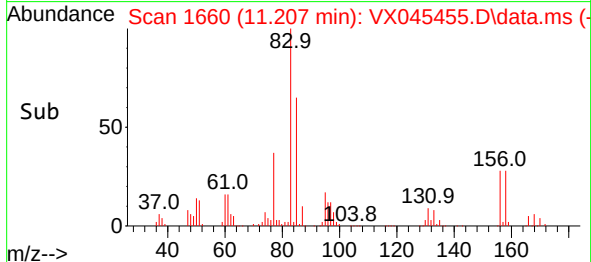
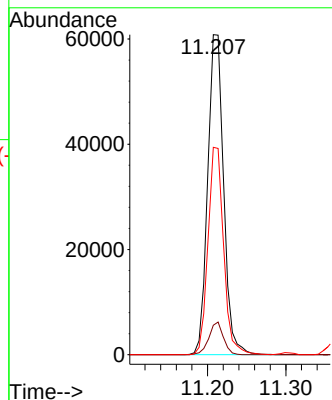
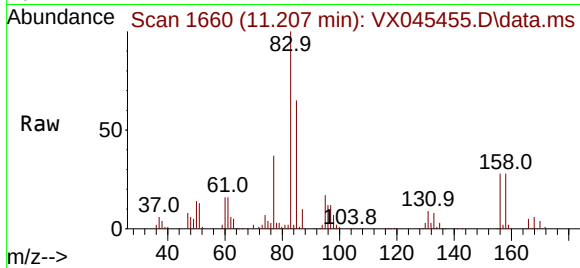
#75
1,1,2,2-Tetrachloroethane
Concen: 51.622 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8572
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.4
85 63.5 31.7 95.1

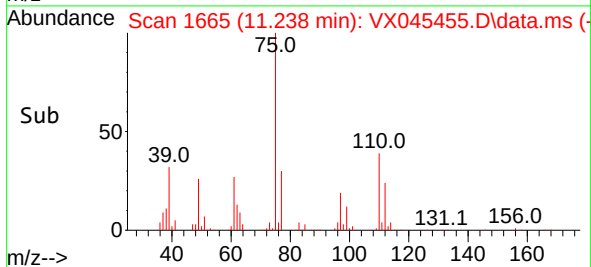
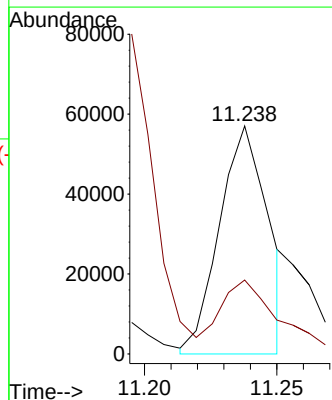
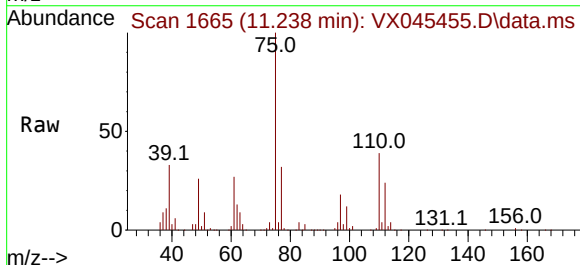
Manual Integrations
APPROVED

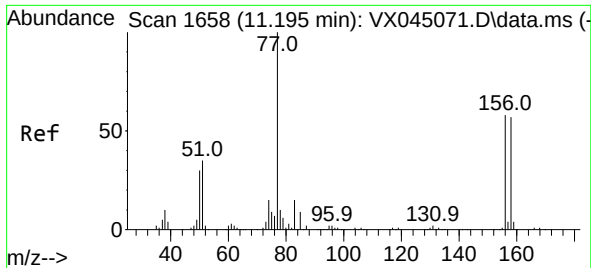
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#76
1,2,3-Trichloropropane
Concen: 53.846 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

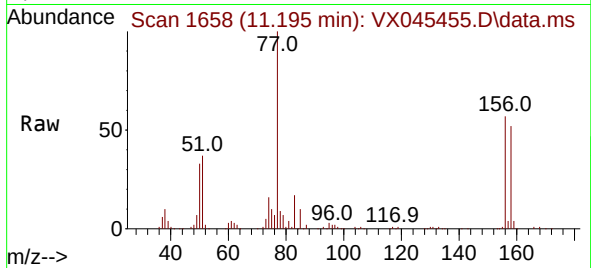
Tgt Ion: 75 Resp: 72660
Ion Ratio Lower Upper
75 100
77 40.0 20.7 62.1





#77
Bromobenzene
Concen: 53.713 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

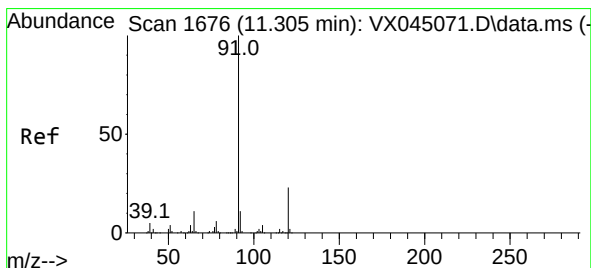
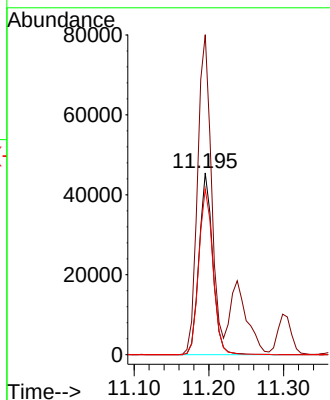
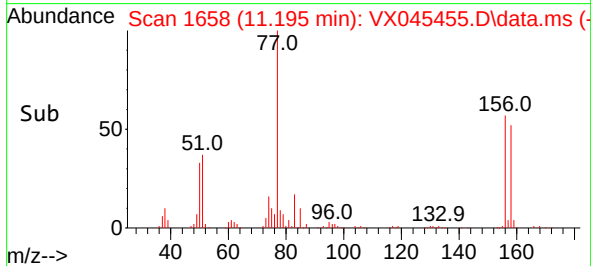
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



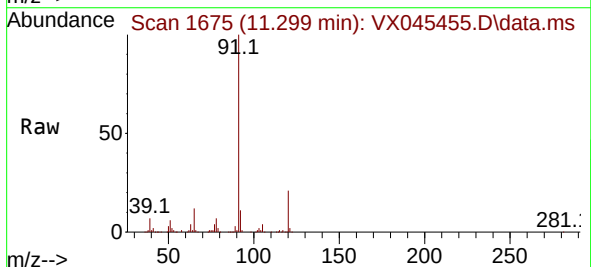
Tgt Ion:156 Resp: 57349
Ion Ratio Lower Upper
156 100
77 179.8 85.8 257.4
158 95.2 48.4 145.2

Manual Integrations
APPROVED

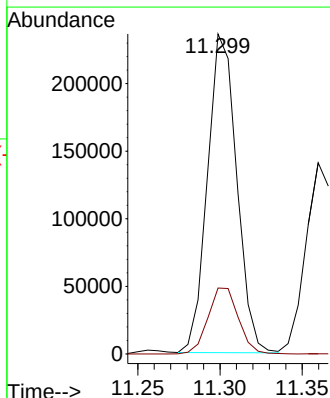
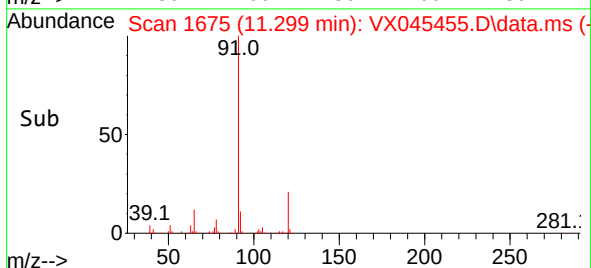
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

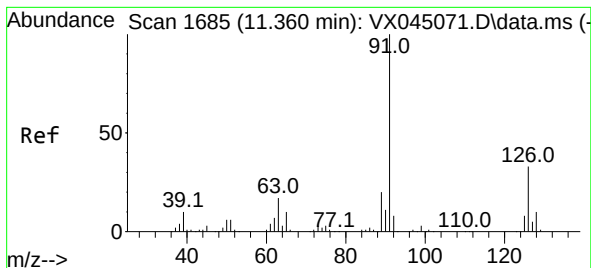


#78
n-propylbenzene
Concen: 57.086 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00



Tgt Ion: 91 Resp: 291813
Ion Ratio Lower Upper
91 100
120 21.6 11.2 33.6





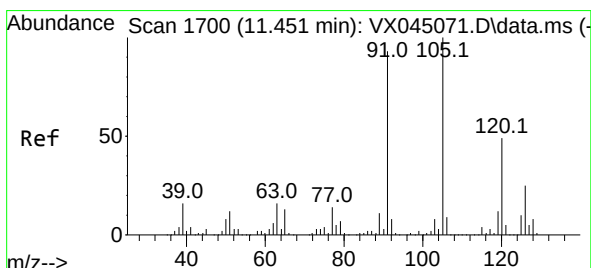
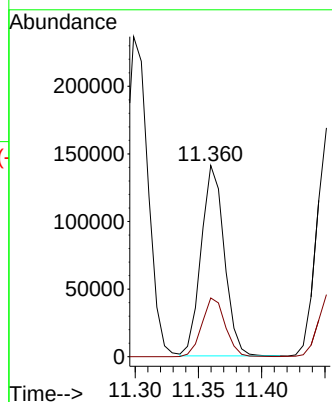
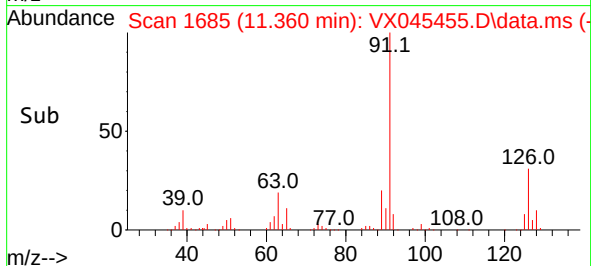
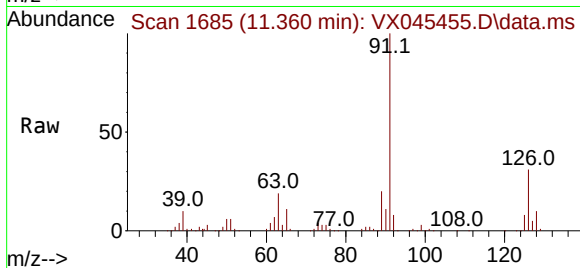
#79
2-Chlorotoluene
Concen: 55.315 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 180078
Ion Ratio Lower Upper
91 100
126 31.2 16.4 49.4

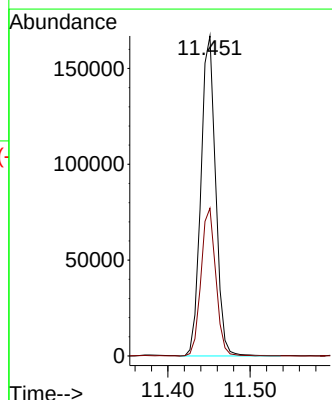
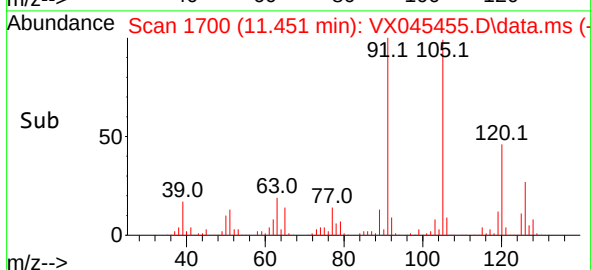
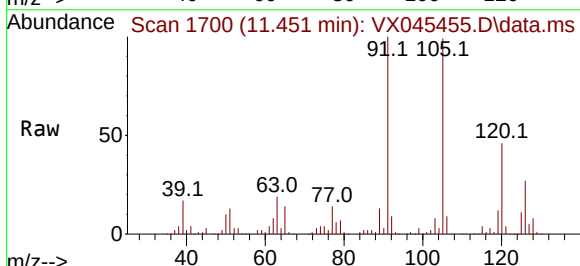
Manual Integrations
APPROVED

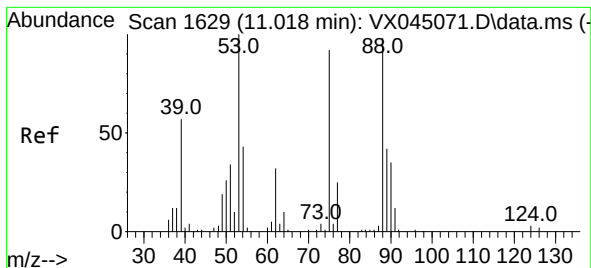
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 56.895 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

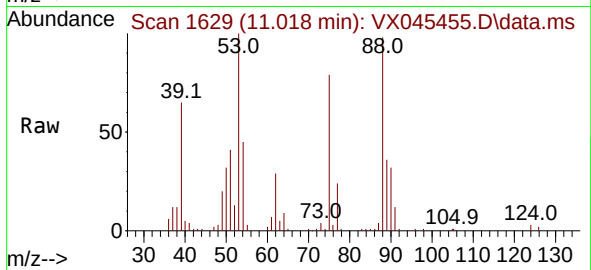
Tgt Ion:105 Resp: 208176
Ion Ratio Lower Upper
105 100
120 46.3 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 52.375 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

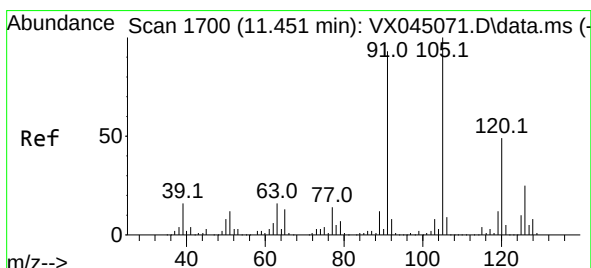
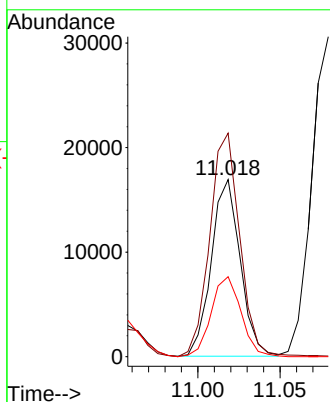
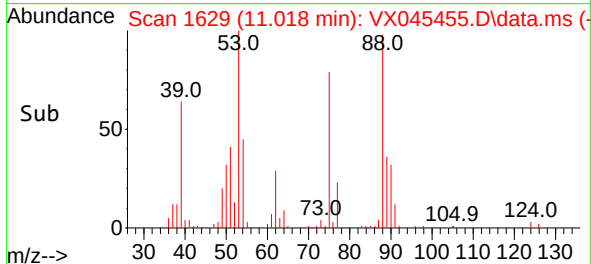
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



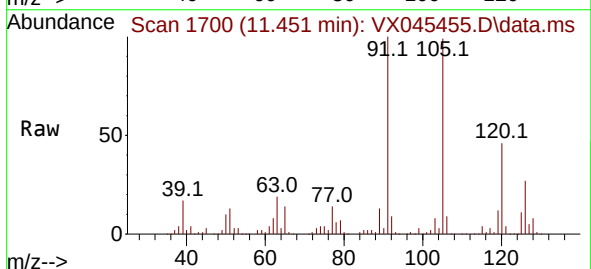
Tgt Ion: 75 Resp: 20652
Ion Ratio Lower Upper
75 100
53 131.6 88.5 132.7
89 46.8 36.2 54.4

Manual Integrations
APPROVED

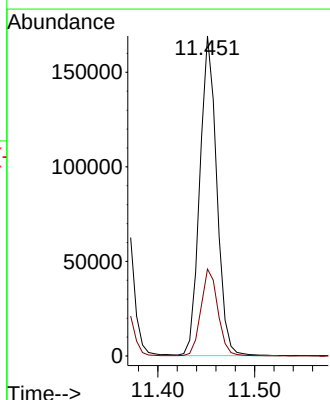
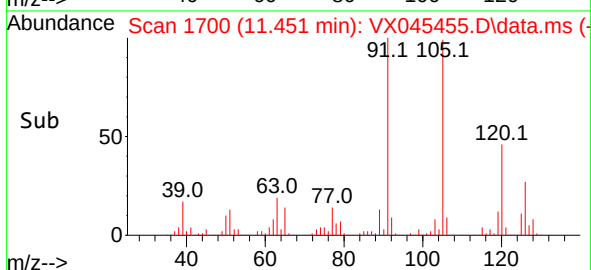
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

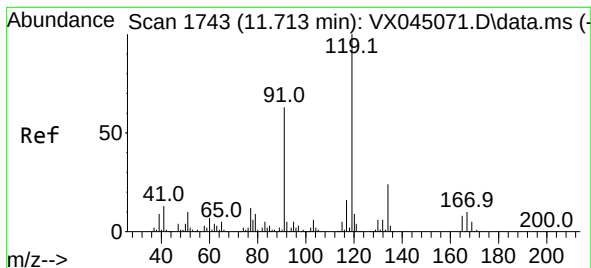


#82
4-Chlorotoluene
Concen: 58.131 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00



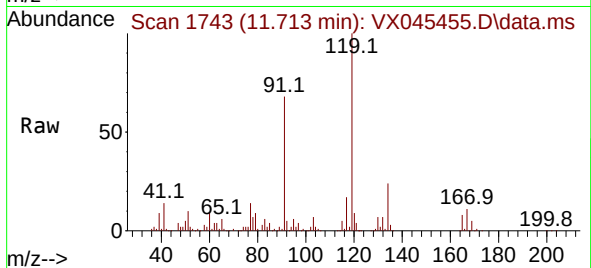
Tgt Ion: 91 Resp: 206254
Ion Ratio Lower Upper
91 100
126 27.4 14.1 42.4





#83
tert-Butylbenzene
Concen: 55.036 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

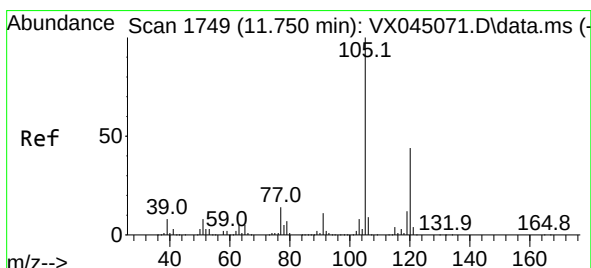
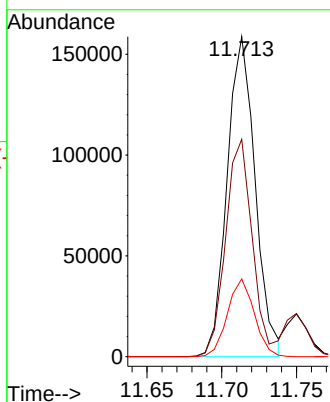
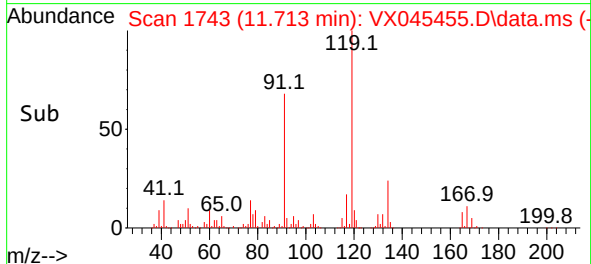
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 206900
Ion Ratio Lower Upper
119 100
91 63.9 30.7 92.1
134 23.3 11.7 35.0

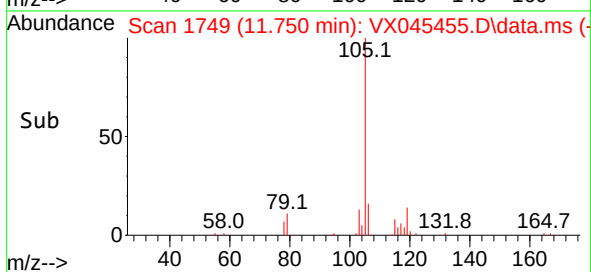
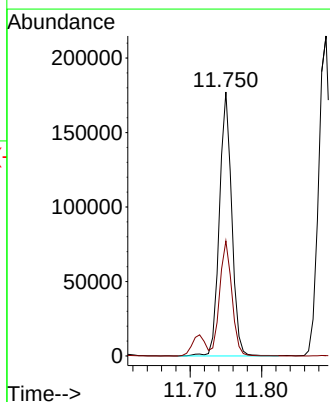
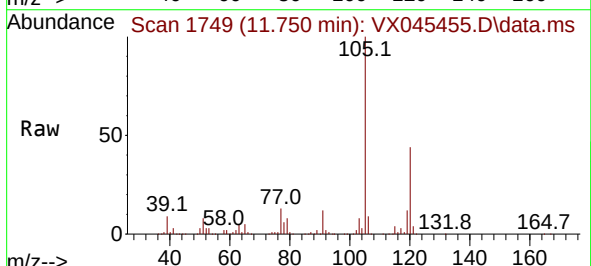
Manual Integrations
APPROVED

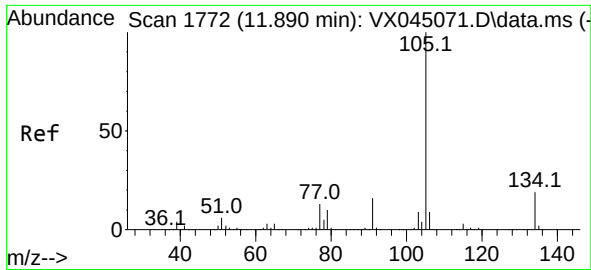
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#84
1,2,4-Trimethylbenzene
Concen: 57.518 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

Tgt Ion:105 Resp: 211760
Ion Ratio Lower Upper
105 100
120 43.4 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 57.851 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045455.D
 Acq: 25 Mar 2025 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

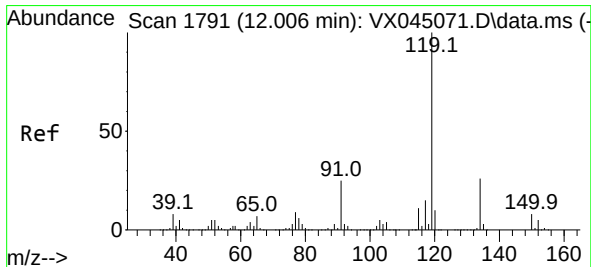
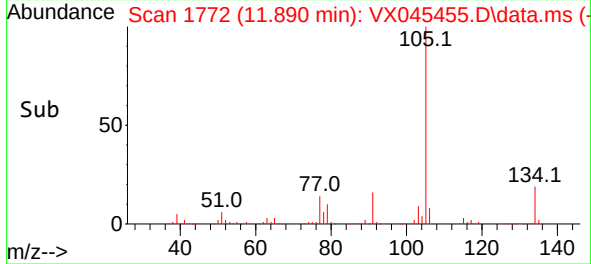
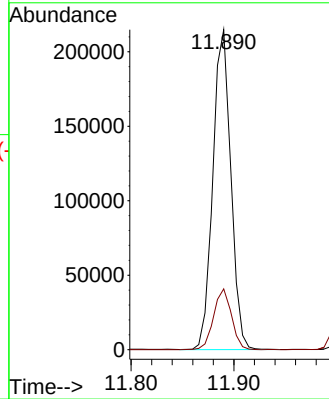
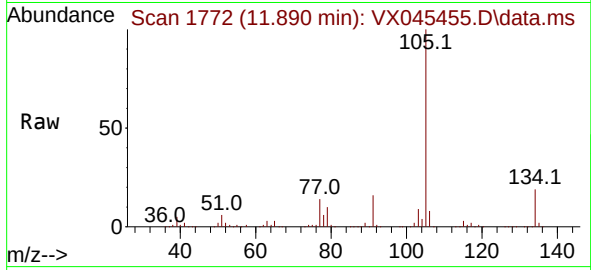
Tgt Ion:105 Resp: 26052
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4

Manual Integrations

APPROVED

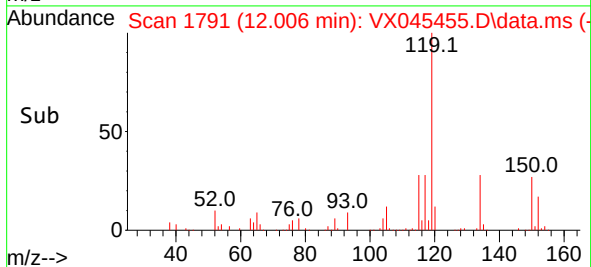
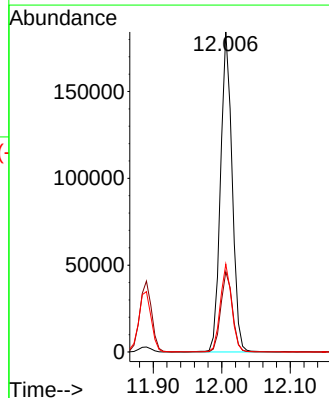
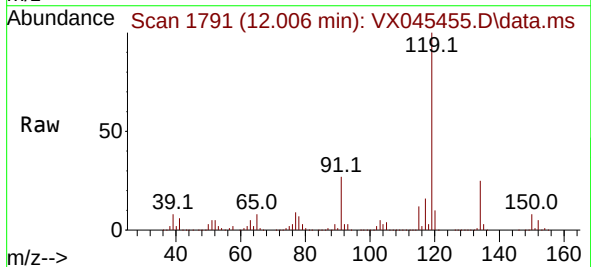
Reviewed By :John Carlone 03/26/2025

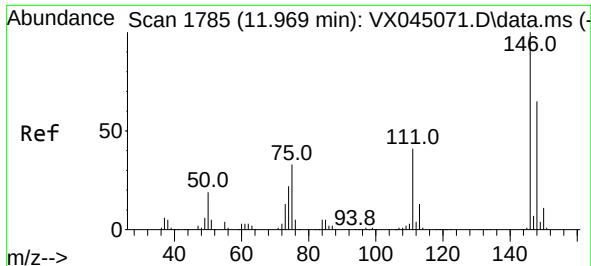
Supervised By :Mahesh Dadoda 03/26/2025



#86
 p-Isopropyltoluene
 Concen: 58.914 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX045455.D
 Acq: 25 Mar 2025 21:00

Tgt Ion:119 Resp: 214411
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.6
 91 27.1 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 54.210 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX045455.D

Acq: 25 Mar 2025 21:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

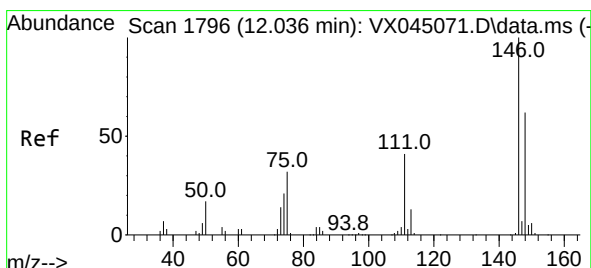
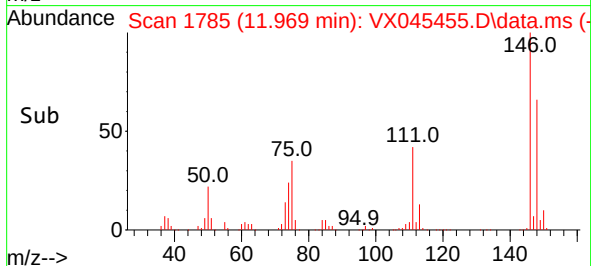
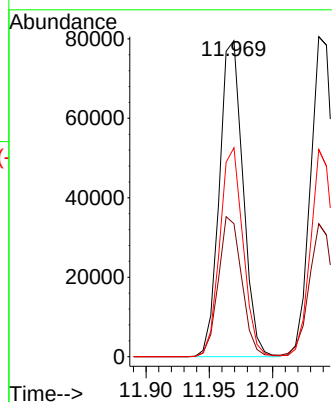
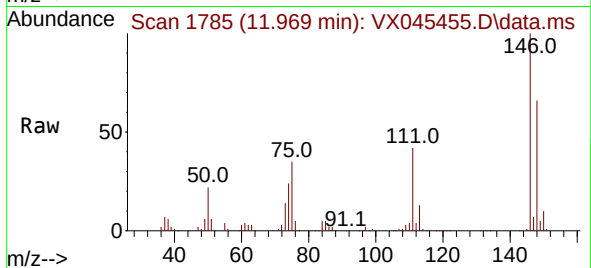
Tgt Ion:146 Resp: 103254
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.1 63.4
 148 65.0 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2025

Supervised By :Mahesh Dadoda 03/26/2025



#88

1,4-Dichlorobenzene

Concen: 53.778 ug/l

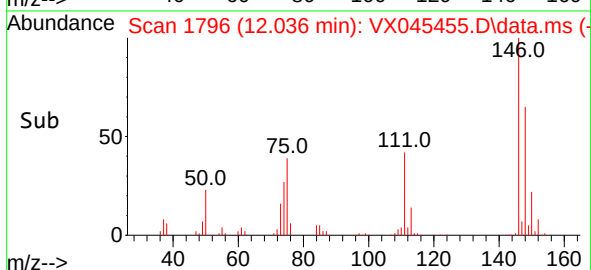
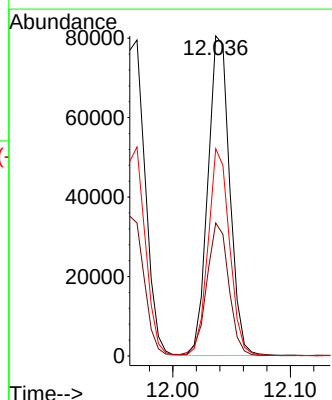
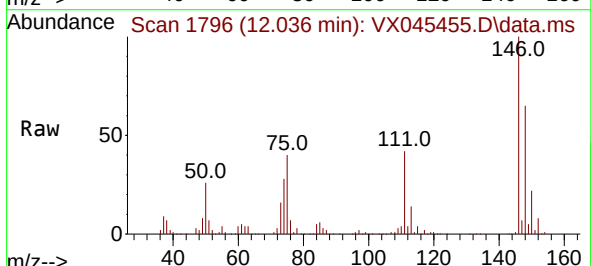
RT: 12.036 min Scan# 1796

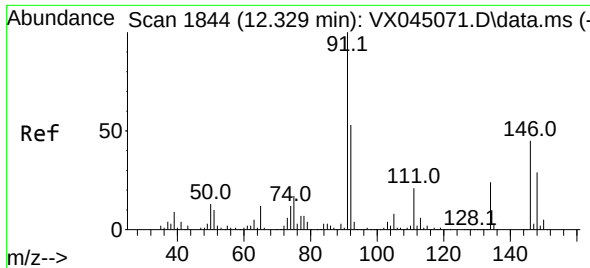
Delta R.T. -0.000 min

Lab File: VX045455.D

Acq: 25 Mar 2025 21:00

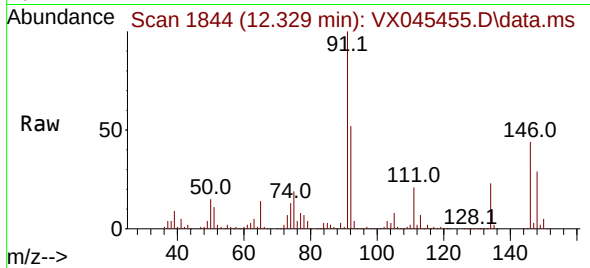
Tgt Ion:146 Resp: 103629
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.2 60.5
 148 63.8 31.9 95.9





#89
n-Butylbenzene
Concen: 60.909 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

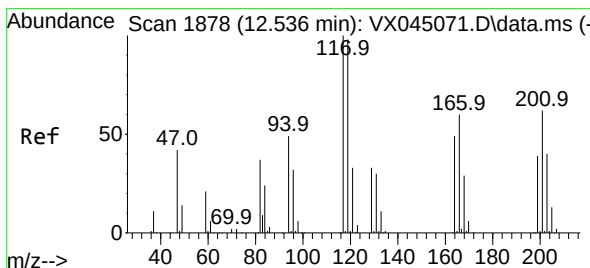
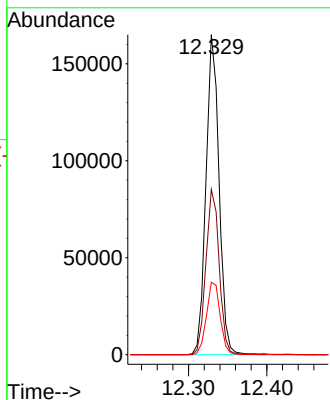
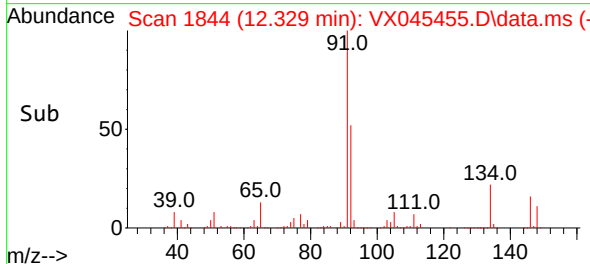
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 190918
Ion Ratio Lower Upper
91 100
92 52.6 26.7 80.0
134 23.7 12.2 36.6

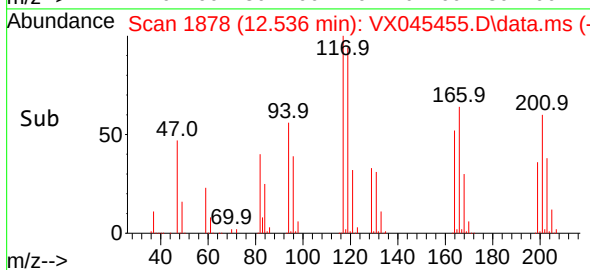
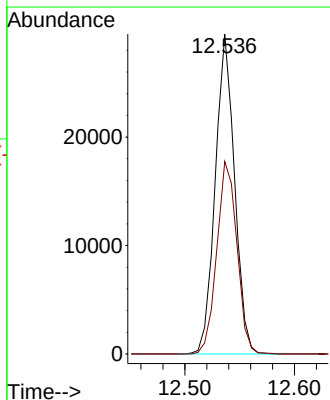
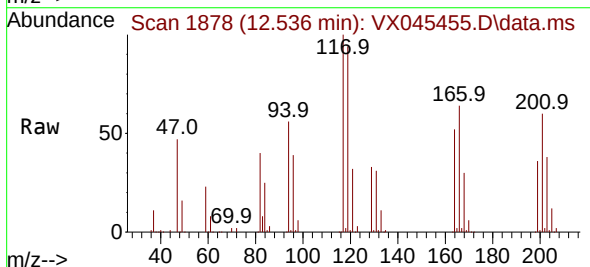
Manual Integrations
APPROVED

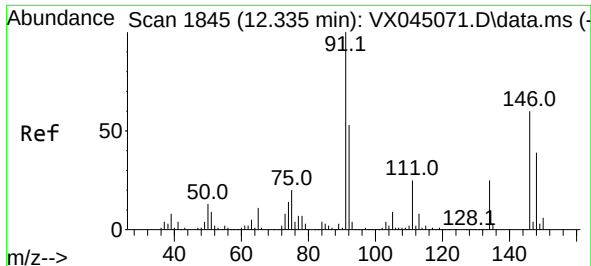
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#90
Hexachloroethane
Concen: 54.843 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

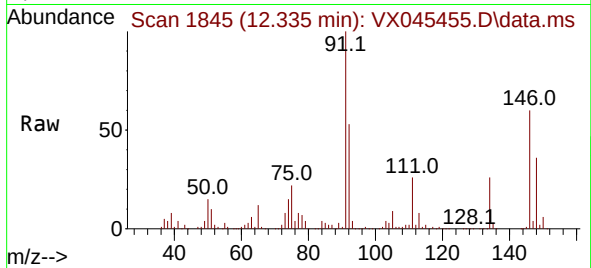
Tgt Ion:117 Resp: 36102
Ion Ratio Lower Upper
117 100
201 62.8 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 54.779 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

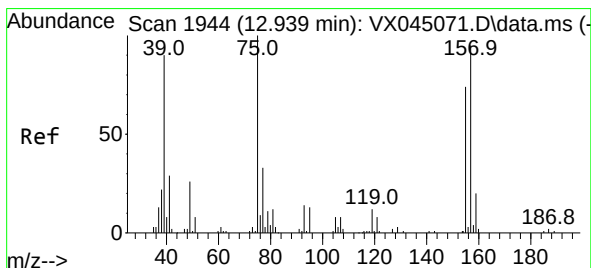
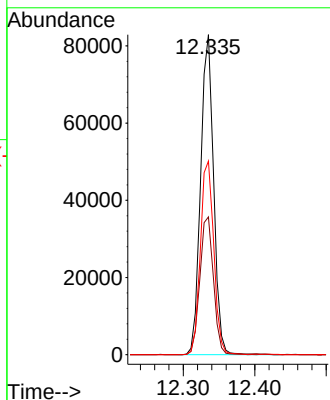
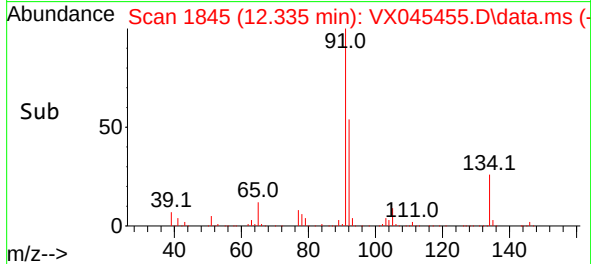
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



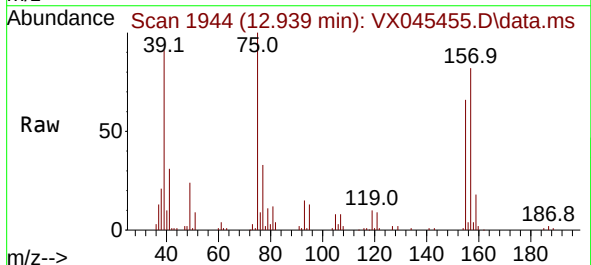
Tgt Ion:146 Resp: 10466
Ion Ratio Lower Upper
146 100
111 45.1 21.6 65.0
148 62.4 31.9 95.9

Manual Integrations
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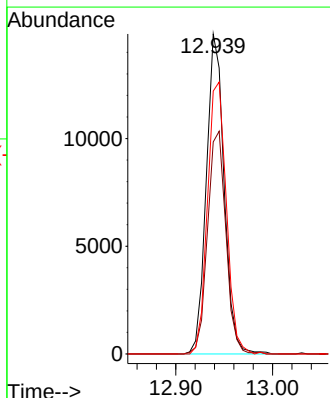
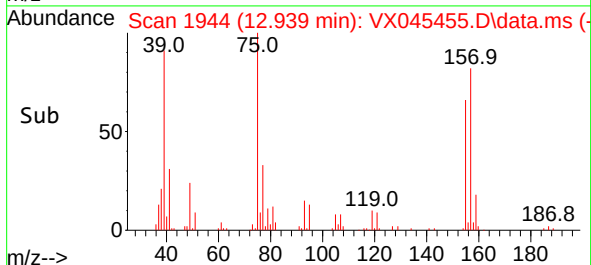
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

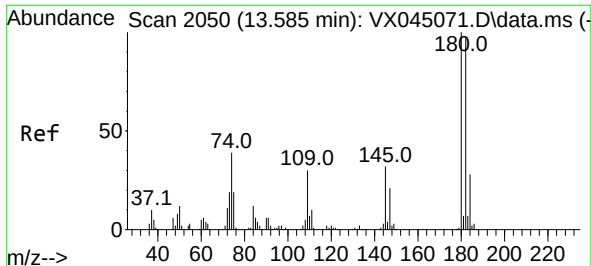


#92
1,2-Dibromo-3-Chloropropane
Concen: 58.867 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00



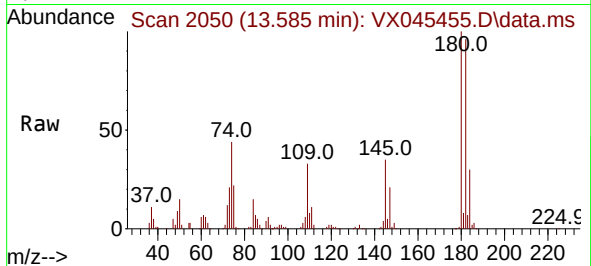
Tgt Ion: 75 Resp: 19044
Ion Ratio Lower Upper
75 100
155 71.5 39.6 118.7
157 89.8 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 55.384 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

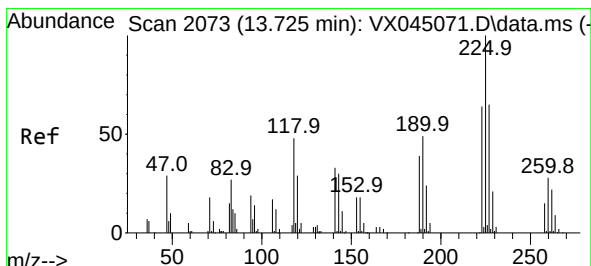
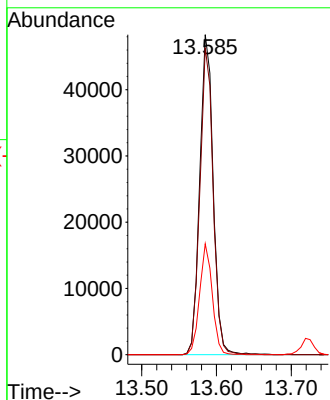
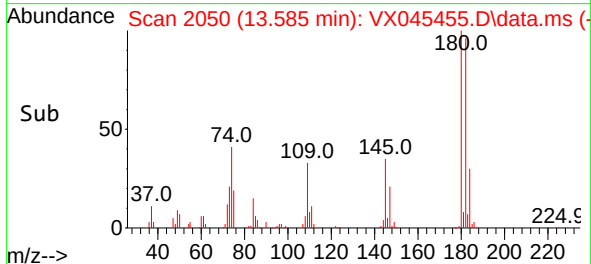
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



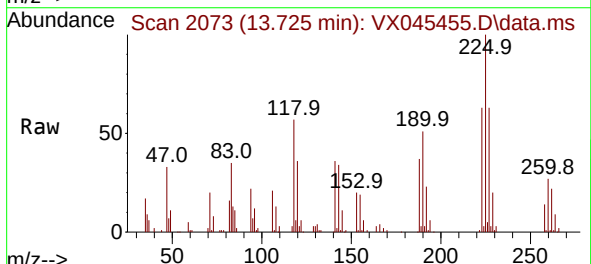
Tgt Ion:180 Resp: 6025
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.9
145 32.8 16.3 48.9

Manual Integrations
APPROVED

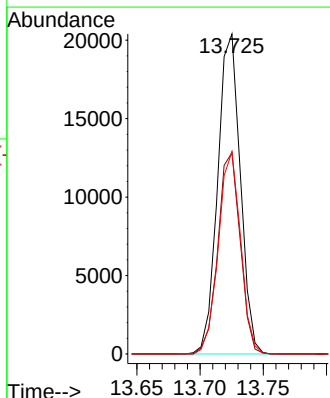
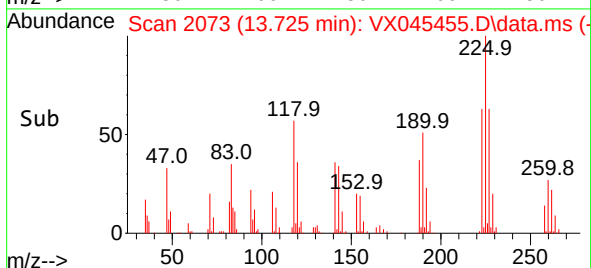
Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025

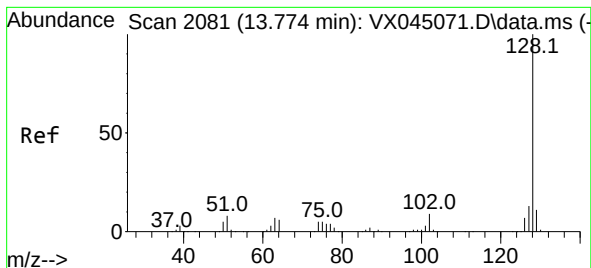


#94
Hexachlorobutadiene
Concen: 56.726 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00



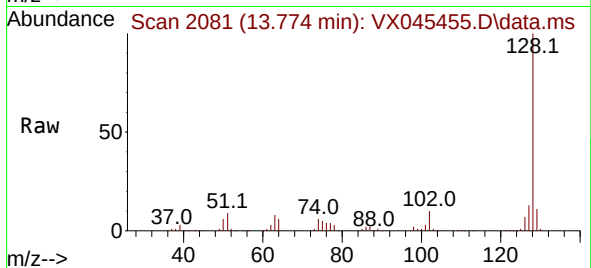
Tgt Ion:225 Resp: 25302
Ion Ratio Lower Upper
225 100
223 62.1 31.9 95.7
227 61.9 31.4 94.0





#95
Naphthalene
Concen: 54.121 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00

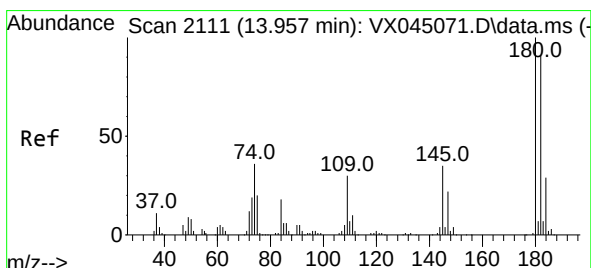
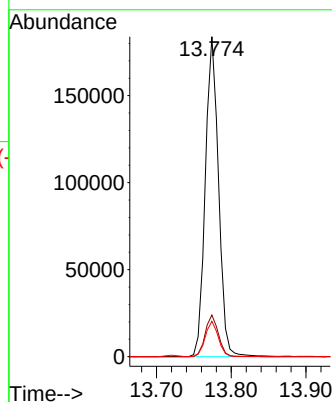
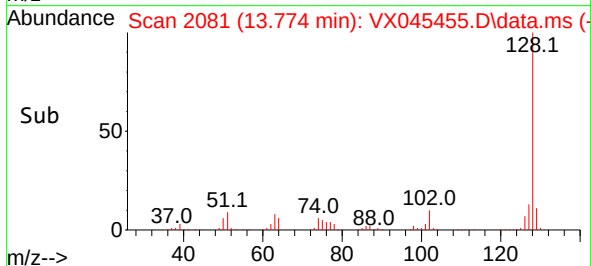
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



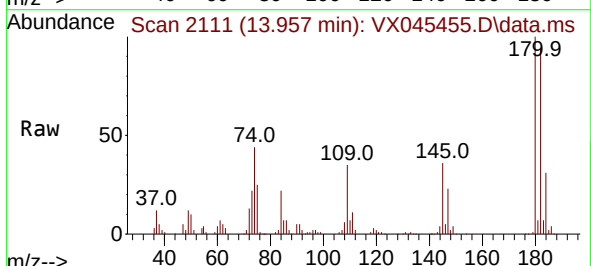
Tgt Ion:128 Resp: 226227
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2025
Supervised By :Mahesh Dadoda 03/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.273 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX045455.D
Acq: 25 Mar 2025 21:00



Tgt Ion:180 Resp: 61143
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.6
145 34.5 17.0 50.9

