

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045211.D
 Acq On : 11 Mar 2025 09:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/12/2025
 Supervised By : Mahesh Dadoda 03/12/2025

Quant Time: Mar 12 01:41:38 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	101357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	176548	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	153652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	80318	49.818	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.640%		
35) Dibromofluoromethane	5.373	113	62691	53.104	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.200%		
50) Toluene-d8	8.641	98	220779	51.586	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.180%		
62) 4-Bromofluorobenzene	11.079	95	78726	55.511	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	111.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	66819	52.372	ug/l	97
3) Chloromethane	1.301	50	74121	47.472	ug/l	97
4) Vinyl Chloride	1.374	62	73280	47.311	ug/l	97
5) Bromomethane	1.593	94	30682	50.390	ug/l	99
6) Chloroethane	1.660	64	39147	54.794	ug/l	100
7) Trichlorofluoromethane	1.874	101	104874	51.147	ug/l	99
8) Diethyl Ether	2.130	74	37439	46.681	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	65226	55.369	ug/l	99
10) Methyl Iodide	2.441	142	77939	52.942	ug/l	98
11) Tert butyl alcohol	2.977	59	59389	194.474	ug/l	97
12) 1,1-Dichloroethene	2.307	96	62298	50.020	ug/l	99
13) Acrolein	2.233	56	77625	219.893	ug/l	100
14) Allyl chloride	2.654	41	118042	53.245	ug/l	99
15) Acrylonitrile	3.063	53	209132	255.519	ug/l	99
16) Acetone	2.380	43	192994	258.004	ug/l	99
17) Carbon Disulfide	2.502	76	156835	47.279	ug/l	96
18) Methyl Acetate	2.703	43	101610	56.465	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	208892	49.992	ug/l	100
20) Methylene Chloride	2.782	84	72325	48.811	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	62483	50.781	ug/l	96
22) Diisopropyl ether	3.758	45	233037	51.685	ug/l	96
23) Vinyl Acetate	3.715	43	995766	264.646	ug/l	98
24) 1,1-Dichloroethane	3.599	63	126144	49.921	ug/l	99
25) 2-Butanone	4.550	43	294568	261.614	ug/l	99
26) 2,2-Dichloropropane	4.465	77	91726	77.390	ug/l	95
27) cis-1,2-Dichloroethene	4.477	96	76526	50.382	ug/l	96
28) Bromochloromethane	4.891	49	58687	48.726	ug/l	99
29) Tetrahydrofuran	5.001	42	185916	245.874	ug/l	99
30) Chloroform	5.087	83	125081	49.818	ug/l	100
31) Cyclohexane	5.458	56	112624	51.345	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	103045	50.816	ug/l	98
36) 1,1-Dichloropropene	5.684	75	83960	51.860	ug/l	100
37) Ethyl Acetate	4.709	43	108170	51.851	ug/l	99
38) Carbon Tetrachloride	5.666	117	87028	52.948	ug/l	98
39) Methylcyclohexane	7.373	83	109872	56.638	ug/l	99
40) Benzene	6.025	78	262366	51.320	ug/l	99

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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)
41) Methacrylonitrile	4.916	41	60141	53.315	ug/l	98
42) 1,2-Dichloroethane	6.080	62	96385	52.356	ug/l	99
43) Isopropyl Acetate	6.336	43	168322	54.564	ug/l	99
44) Trichloroethene	7.117	130	62473	52.042	ug/l	100
45) 1,2-Dichloropropane	7.422	63	67025	50.991	ug/l	99
46) Dibromomethane	7.574	93	49158	52.911	ug/l	98
47) Bromodichloromethane	7.818	83	98381	53.986	ug/l	99
48) Methyl methacrylate	7.690	41	83051	53.663	ug/l	97
49) 1,4-Dioxane	7.659	88	29383	900.059	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	561413	271.045	ug/l	100
52) Toluene	8.714	92	158892	52.972	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	90808	59.606	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	102314	57.592	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	63793	51.661	ug/l	97
56) Ethyl methacrylate	9.116	69	104915	55.894	ug/l	99
57) 1,3-Dichloropropane	9.305	76	111402	52.131	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	266994	291.597	ug/l	99
59) 2-Hexanone	9.427	43	404272	269.382	ug/l	100
60) Dibromochloromethane	9.519	129	71357	55.267	ug/l	99
61) 1,2-Dibromoethane	9.604	107	65874	53.438	ug/l	97
64) Tetrachloroethene	9.269	164	51638	52.473	ug/l	94
65) Chlorobenzene	10.073	112	172081	52.928	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	57191	52.821	ug/l	99
67) Ethyl Benzene	10.189	91	306683	54.136	ug/l	98
68) m/p-Xylenes	10.299	106	226899	109.410	ug/l	99
69) o-Xylene	10.640	106	111278	53.202	ug/l	98
70) Styrene	10.653	104	187697	55.460	ug/l	99
71) Bromoform	10.799	173	46985	57.546	ug/l #	98
73) Isopropylbenzene	10.957	105	293007	53.524	ug/l	99
74) N-amyl acetate	10.842	43	137353	53.471	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	97628	48.598	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	82866m	50.763	ug/l	
77) Bromobenzene	11.195	156	66839	51.748	ug/l	99
78) n-propylbenzene	11.299	91	345156	55.815	ug/l	99
79) 2-Chlorotoluene	11.360	91	203667	51.714	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	239185	54.036	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28423	59.586	ug/l	97
82) 4-Chlorotoluene	11.451	91	230104	53.609	ug/l	100
83) tert-Butylbenzene	11.713	119	240128	52.798	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	240636	54.029	ug/l	100
85) sec-Butylbenzene	11.890	105	306106	56.188	ug/l	99
86) p-Isopropyltoluene	12.006	119	247047	56.113	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	118813	51.564	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	118921	51.014	ug/l	98
89) n-Butylbenzene	12.329	91	225130	59.371	ug/l	100
90) Hexachloroethane	12.536	117	43824	55.032	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	117166	50.690	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20560	52.534	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	72696	55.234	ug/l	99
94) Hexachlorobutadiene	13.725	225	30733	56.956	ug/l	98
95) Naphthalene	13.774	128	261123	51.639	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	72754	52.399	ug/l	99

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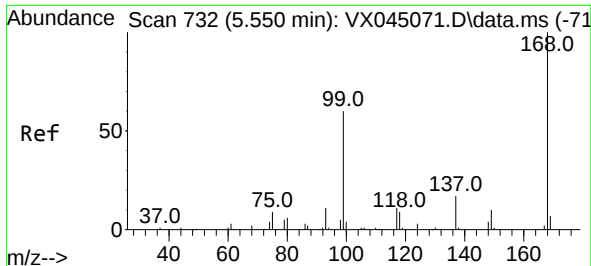
Manual Integrations
APPROVED

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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

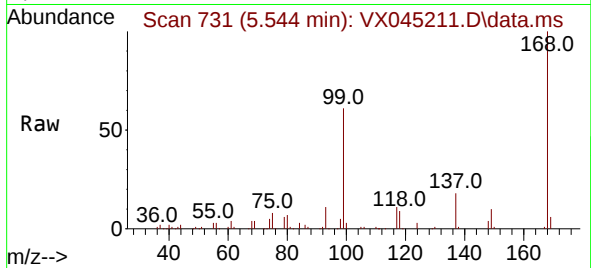
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
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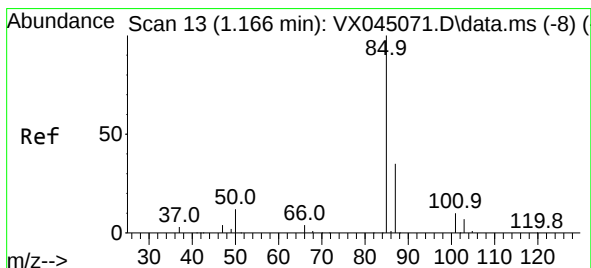
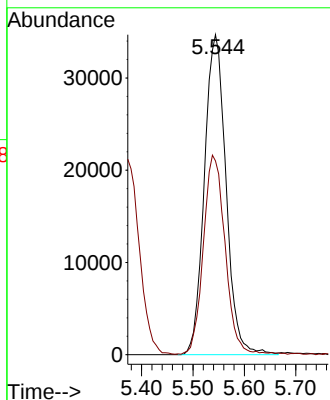
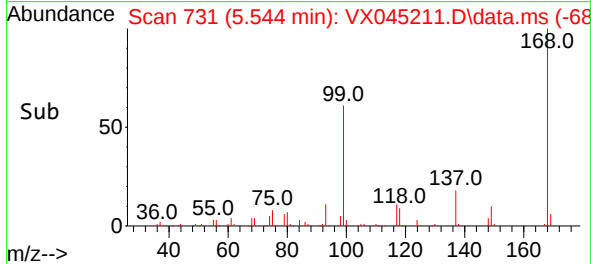
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 10135
Ion Ratio Lower Upper
168 100
99 60.3 48.2 72.4

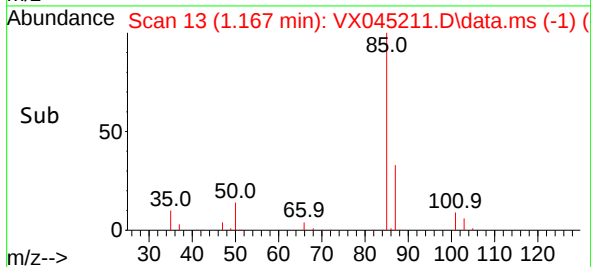
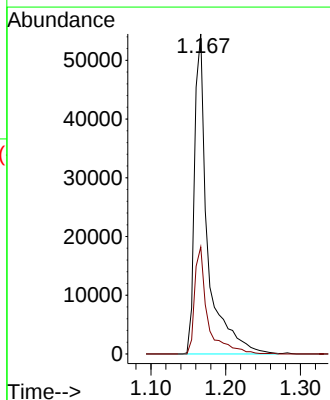
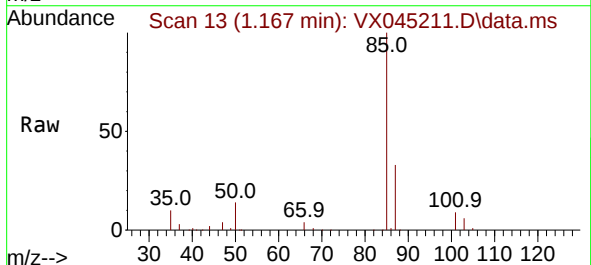
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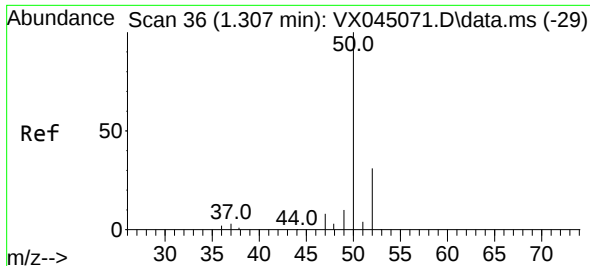
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#2
Dichlorodifluoromethane
Concen: 52.372 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 85 Resp: 66819
Ion Ratio Lower Upper
85 100
87 33.4 17.4 52.3





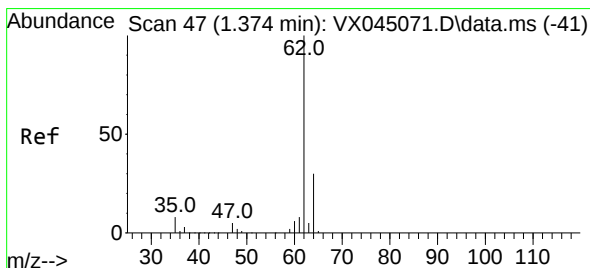
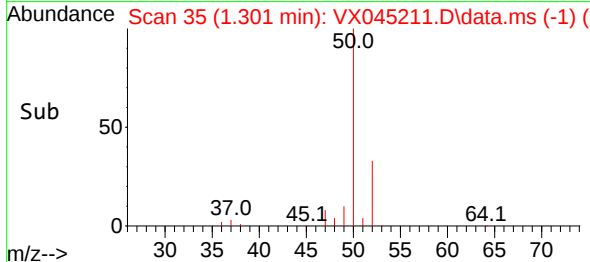
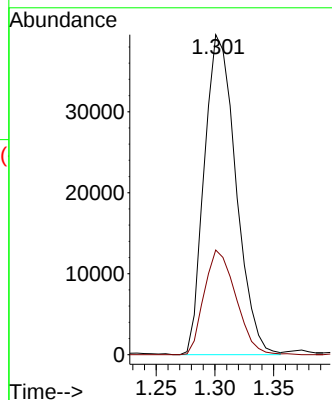
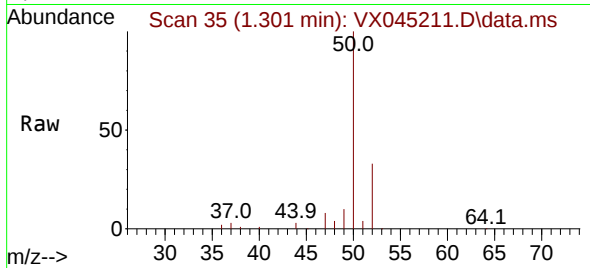
#3
Chloromethane
Concen: 47.472 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

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Tgt Ion: 50 Resp: 7412
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4

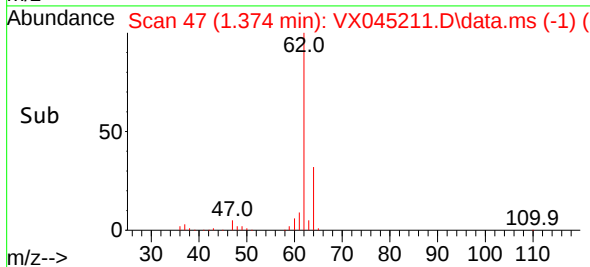
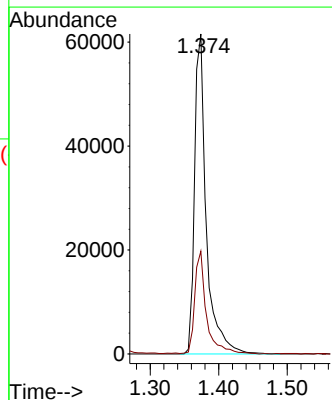
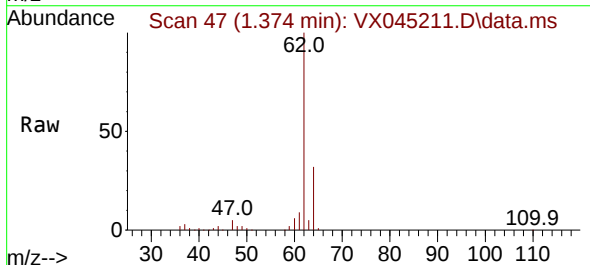
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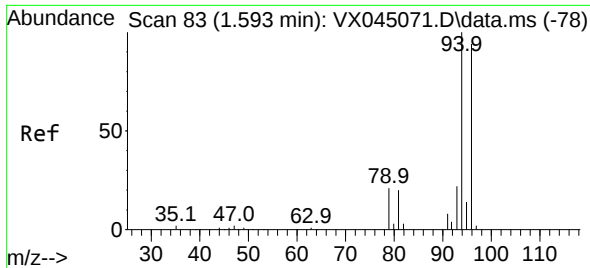
Reviewed By :John Carlone 03/12/2025
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#4
Vinyl Chloride
Concen: 47.311 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

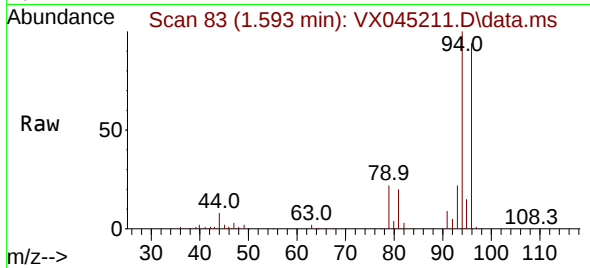
Tgt Ion: 62 Resp: 73280
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5





#5
Bromomethane
Concen: 50.390 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

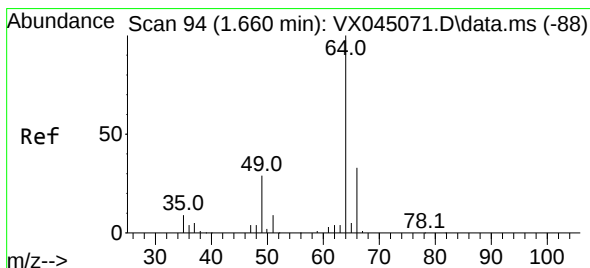
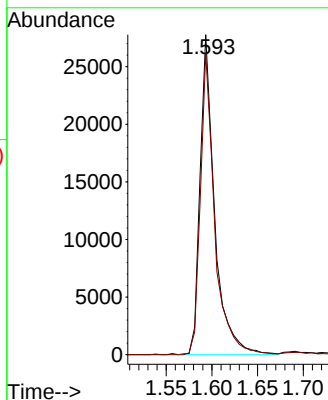
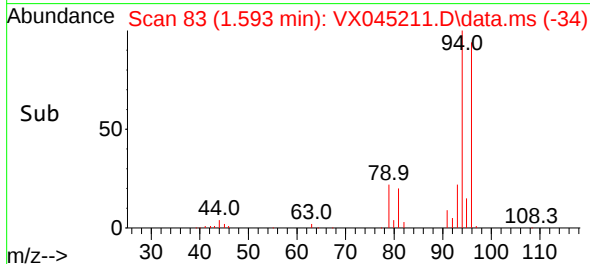
Instrument :
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Tgt Ion: 94 Resp: 3068
Ion Ratio Lower Upper
94 100
96 94.3 75.0 112.4

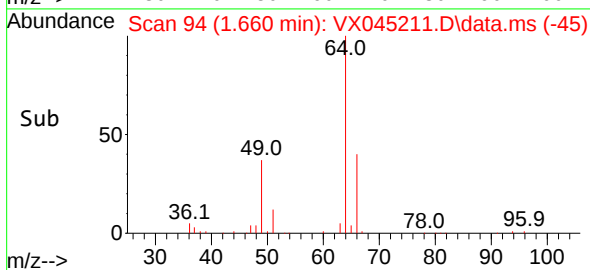
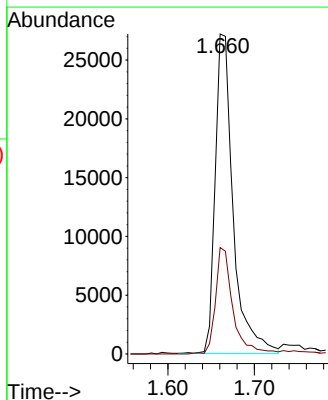
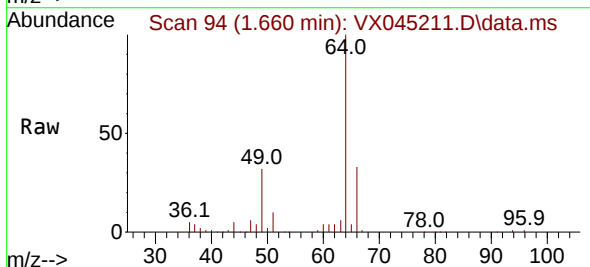
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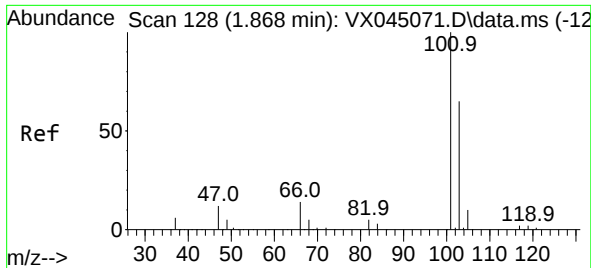
Reviewed By :John Carlone 03/12/2025
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#6
Chloroethane
Concen: 54.794 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 64 Resp: 39147
Ion Ratio Lower Upper
64 100
66 33.3 26.7 40.1





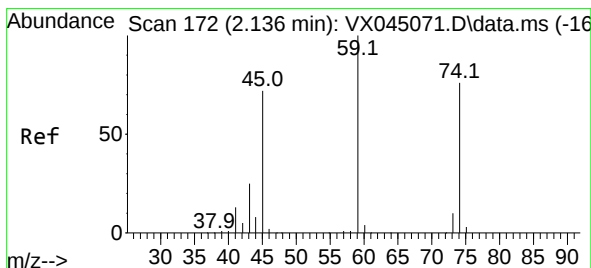
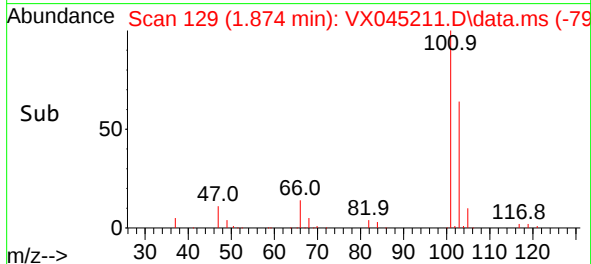
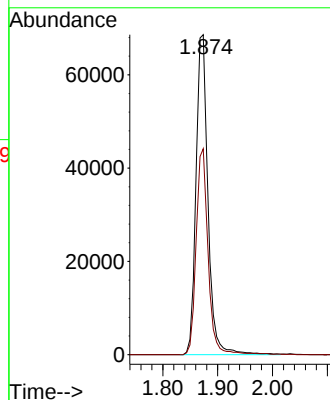
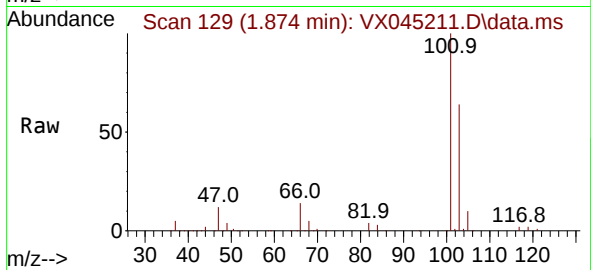
#7
Trichlorofluoromethane
Concen: 51.147 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 104874
Ion Ratio Lower Upper
101 100
103 64.4 52.1 78.1

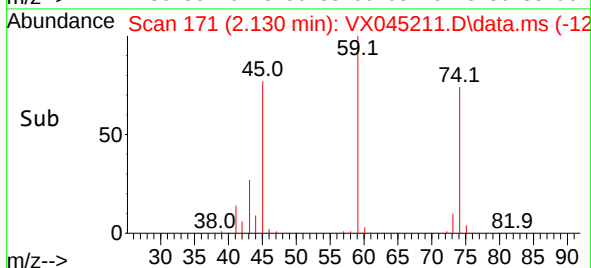
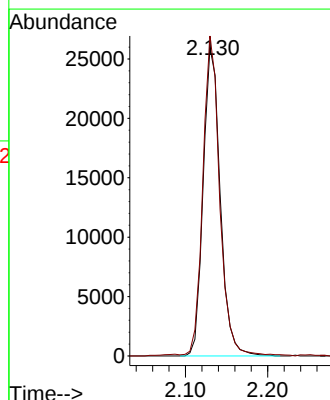
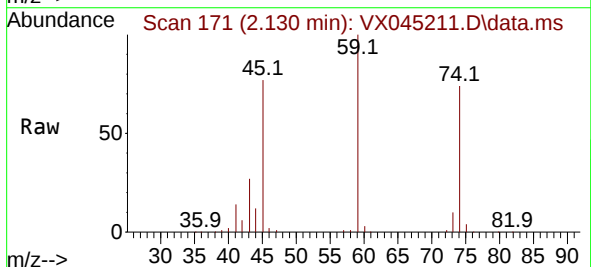
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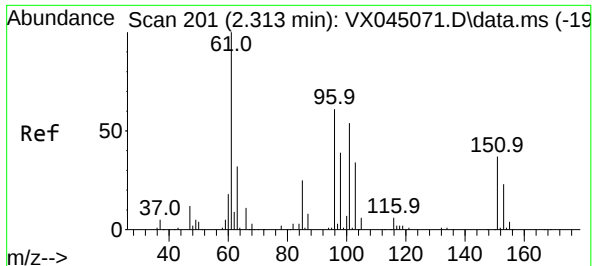
Reviewed By :John Carlone 03/12/2025
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#8
Diethyl Ether
Concen: 46.681 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 74 Resp: 37439
Ion Ratio Lower Upper
74 100
45 103.5 51.5 154.5





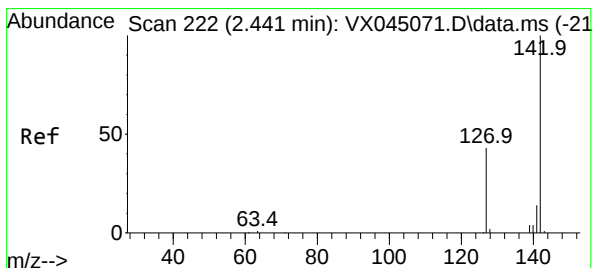
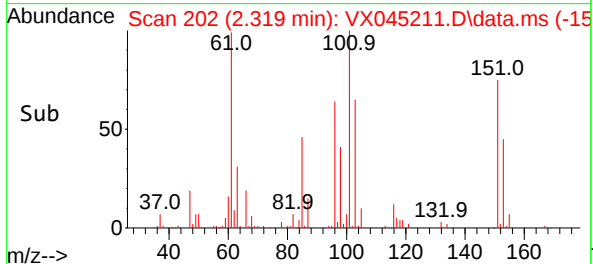
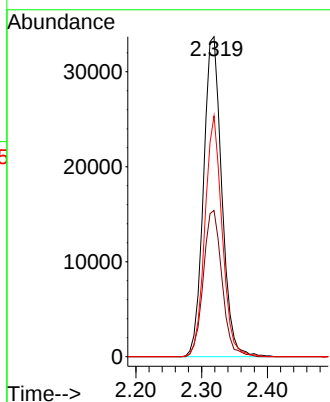
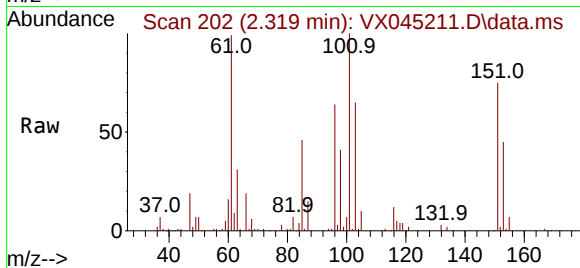
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.369 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 65220
Ion Ratio Lower Upper
101 100
85 46.5 36.2 54.4
151 71.0 56.4 84.6

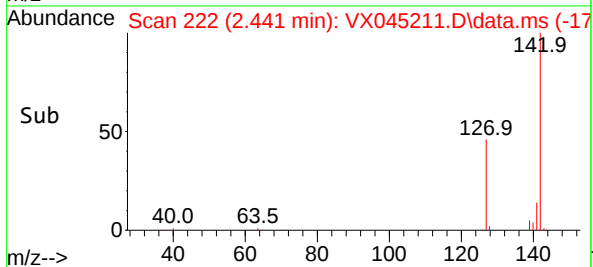
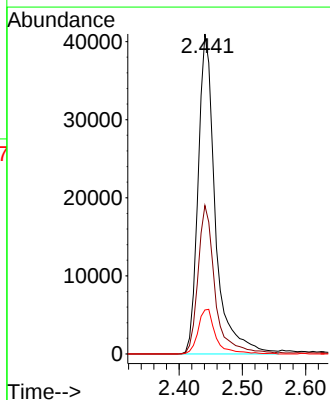
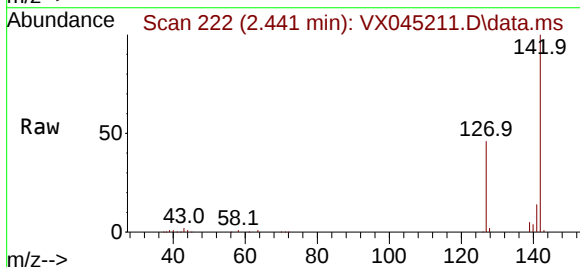
Manual Integrations
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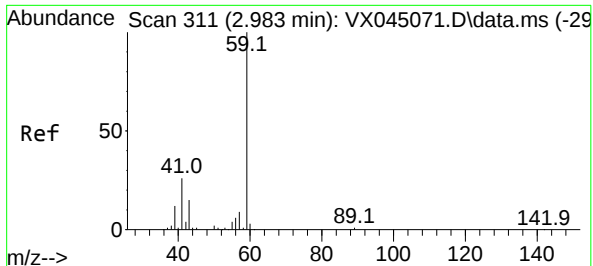
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#10
Methyl Iodide
Concen: 52.942 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion:142 Resp: 77939
Ion Ratio Lower Upper
142 100
127 46.0 35.4 53.2
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 194.474 ug/l

RT: 2.977 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 5938

Ion Ratio Lower Upper

59 100

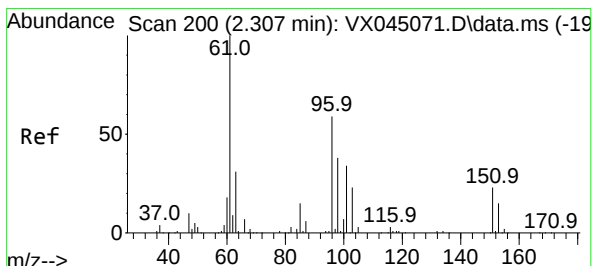
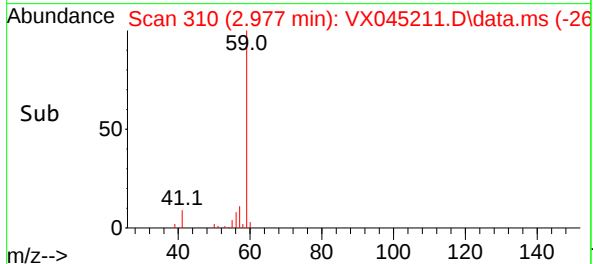
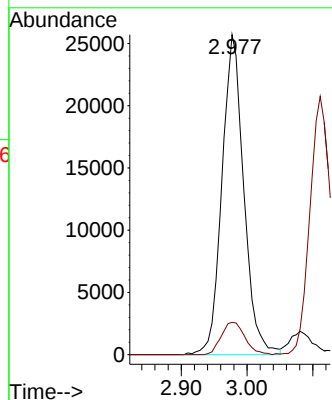
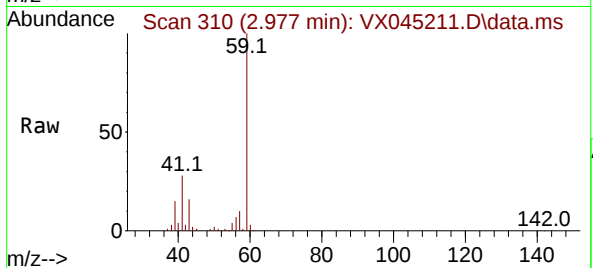
57 11.0 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#12

1,1-Dichloroethene

Concen: 50.020 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

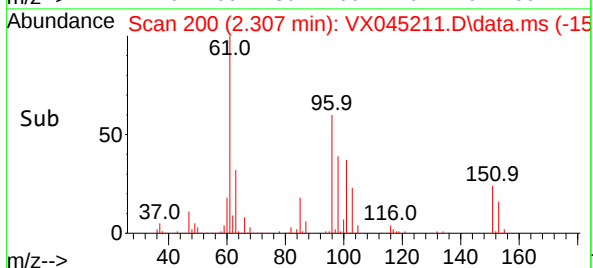
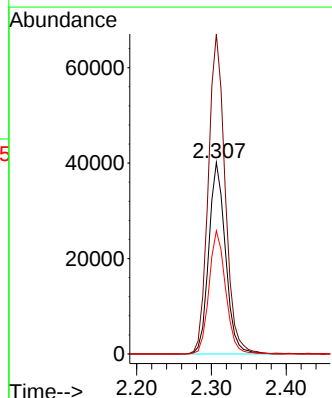
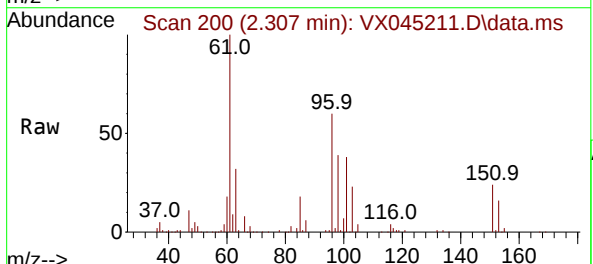
Tgt Ion: 96 Resp: 62298

Ion Ratio Lower Upper

96 100

61 167.1 134.6 202.0

98 64.3 51.0 76.6





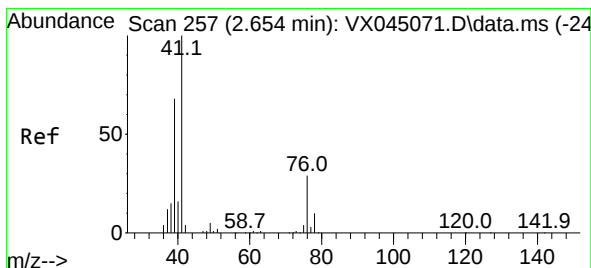
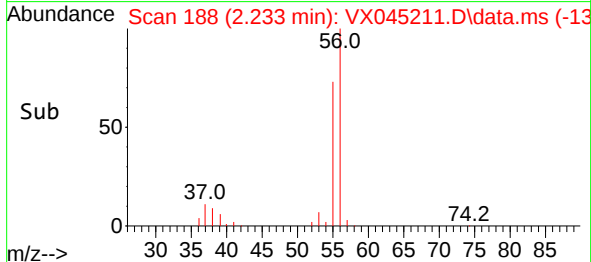
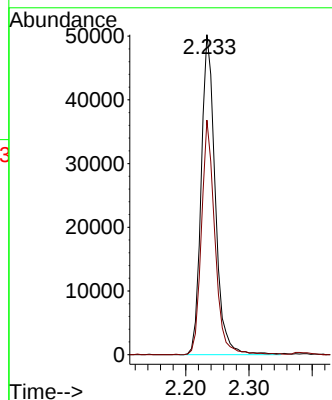
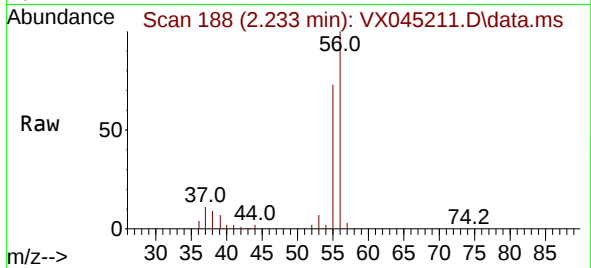
#13
Acrolein
Concen: 219.893 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 77625
Ion Ratio Lower Upper
56 100
55 70.2 56.2 84.4

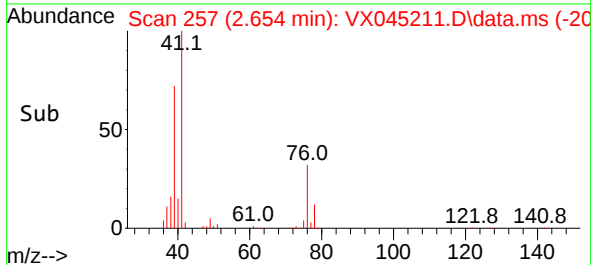
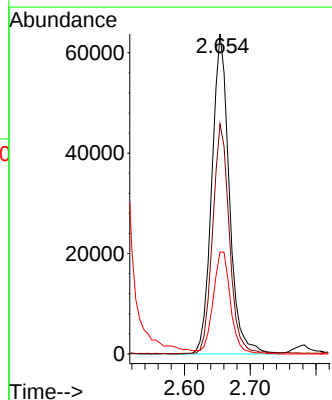
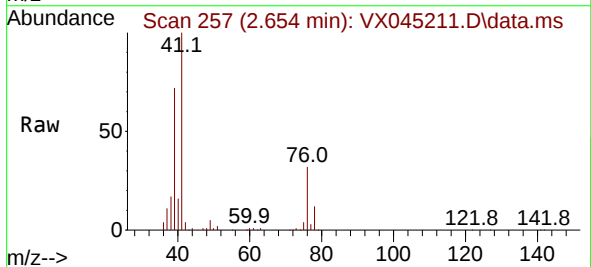
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#14
Allyl chloride
Concen: 53.245 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

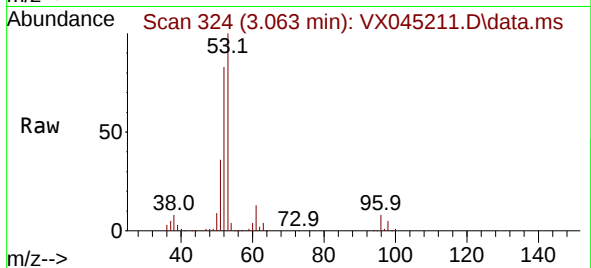
Tgt Ion: 41 Resp: 118042
Ion Ratio Lower Upper
41 100
39 68.3 53.8 80.8
76 31.7 25.2 37.8





#15
Acrylonitrile
Concen: 255.519 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

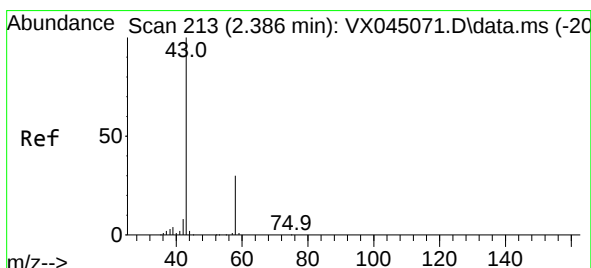
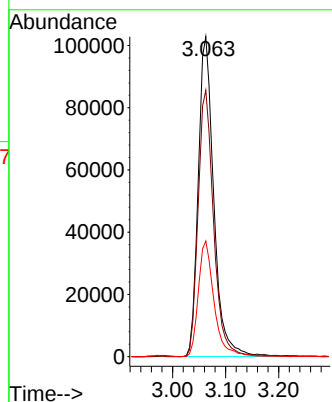
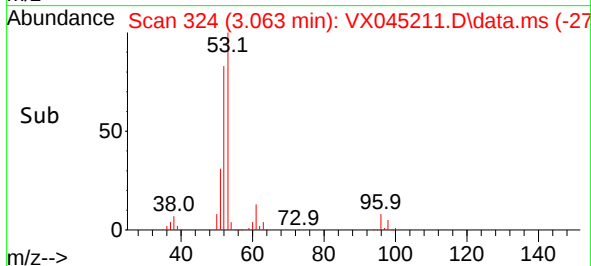
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 20913
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.2
51 36.8 29.0 43.4

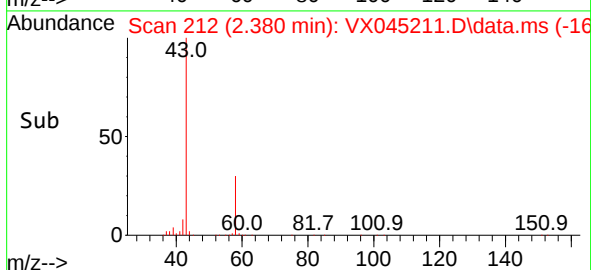
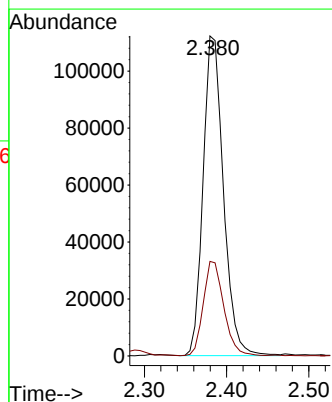
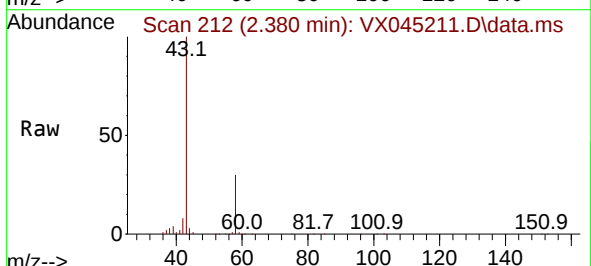
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#16
Acetone
Concen: 258.004 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 43 Resp: 192994
Ion Ratio Lower Upper
43 100
58 29.5 24.2 36.4





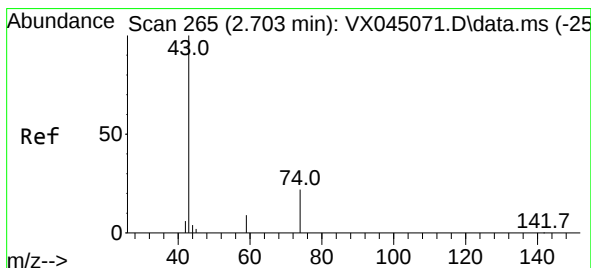
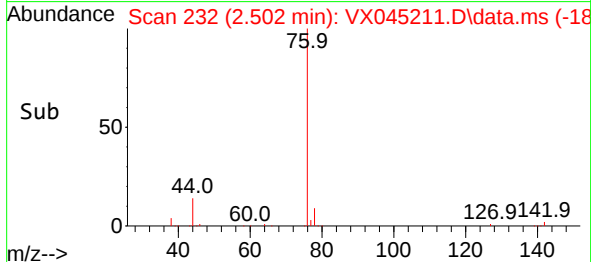
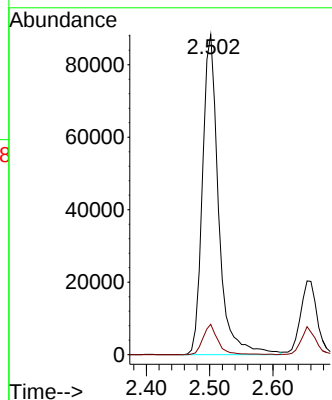
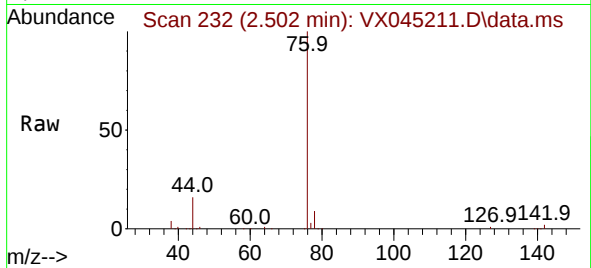
#17
Carbon Disulfide
Concen: 47.279 ug/l
RT: 2.502 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 15683
Ion Ratio Lower Upper
76 100
78 9.5 6.6 9.8

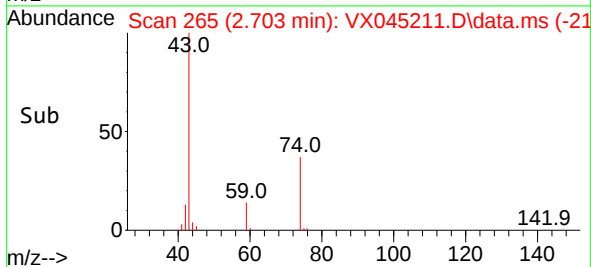
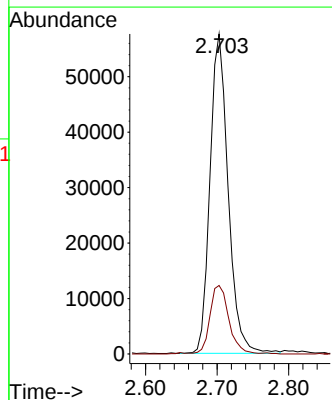
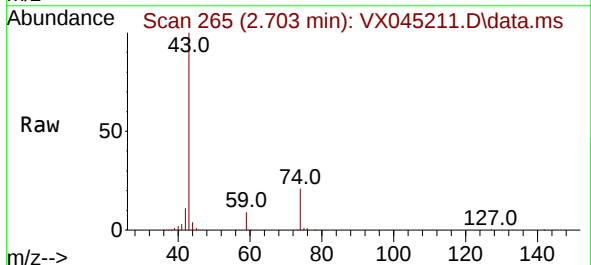
Manual Integrations
APPROVED

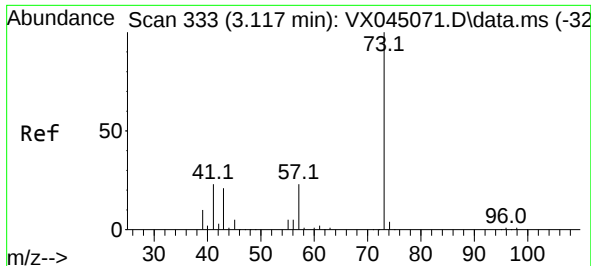
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#18
Methyl Acetate
Concen: 56.465 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 43 Resp: 101610
Ion Ratio Lower Upper
43 100
74 22.4 17.4 26.2





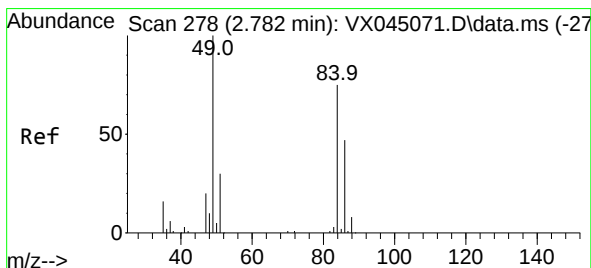
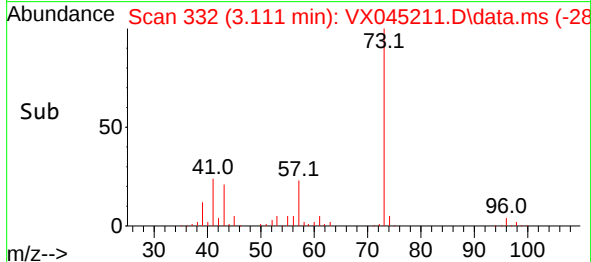
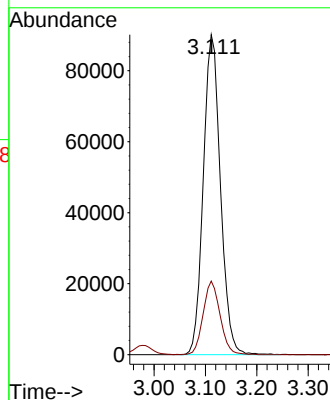
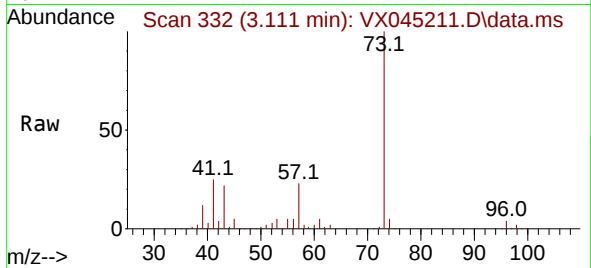
#19
Methyl tert-butyl Ether
Concen: 49.992 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 208892
Ion Ratio Lower Upper
73 100
57 23.0 18.5 27.7

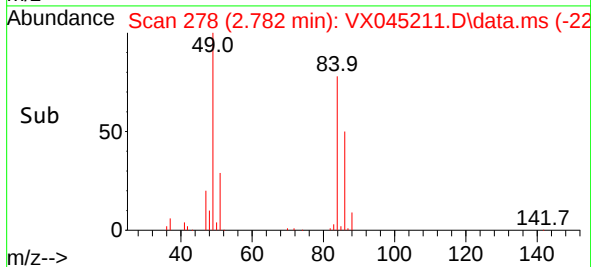
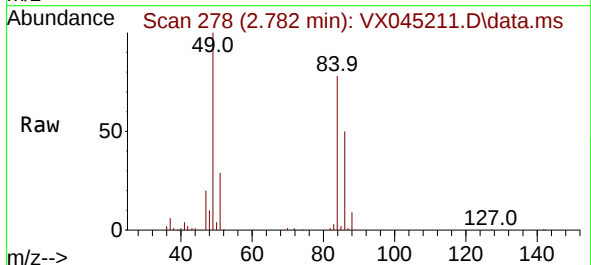
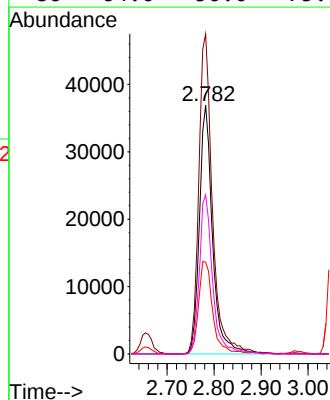
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#20
Methylene Chloride
Concen: 48.811 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 84 Resp: 72325
Ion Ratio Lower Upper
84 100
49 128.7 106.5 159.7
51 37.0 32.1 48.1
86 64.0 50.0 75.0





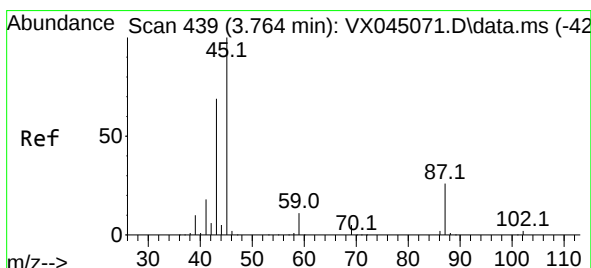
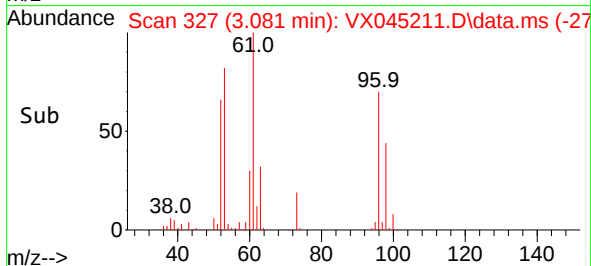
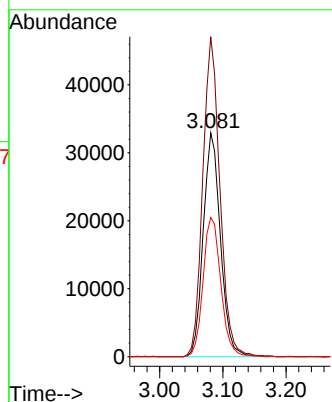
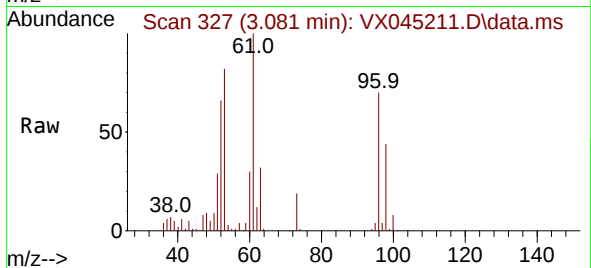
#21
trans-1,2-Dichloroethene
Concen: 50.781 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 6248
Ion Ratio Lower Upper
96 100
61 143.0 117.0 175.4
98 62.2 53.4 80.2

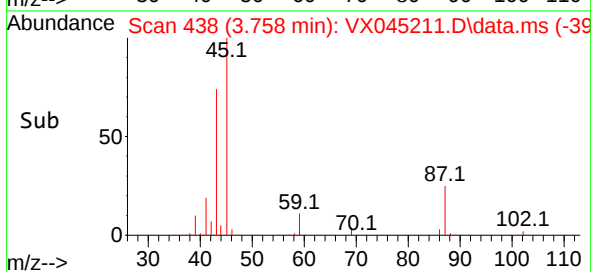
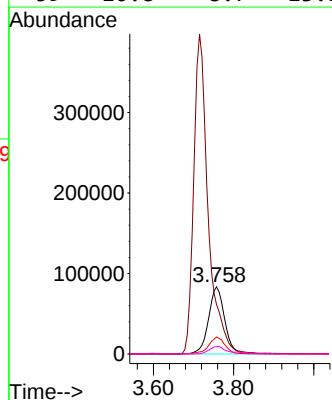
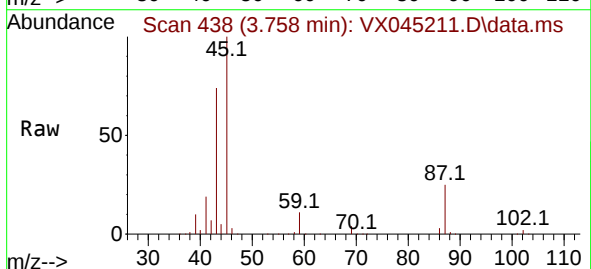
Manual Integrations
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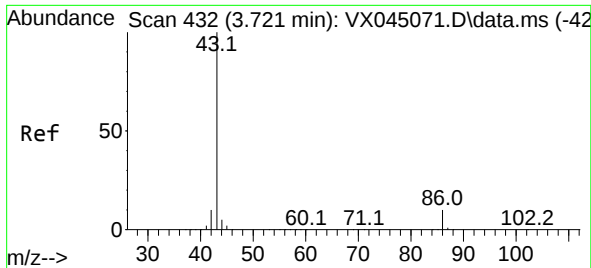
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#22
Diisopropyl ether
Concen: 51.685 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

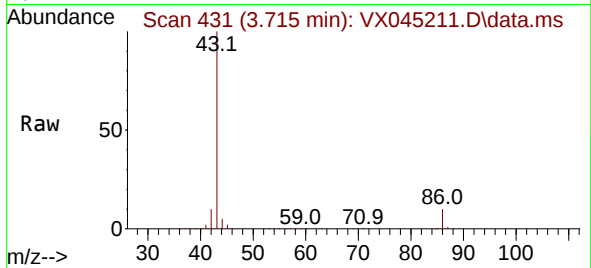
Tgt Ion: 45 Resp: 233037
Ion Ratio Lower Upper
45 100
43 73.5 54.9 82.3
87 25.3 21.0 31.4
59 10.8 8.7 13.1





#23
 Vinyl Acetate
 Concen: 264.646 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX045211.D
 Acq: 11 Mar 2025 09:59

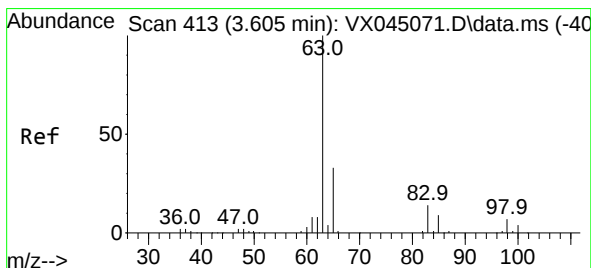
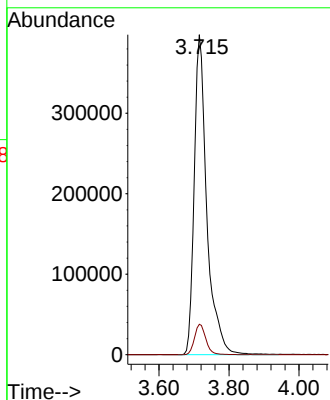
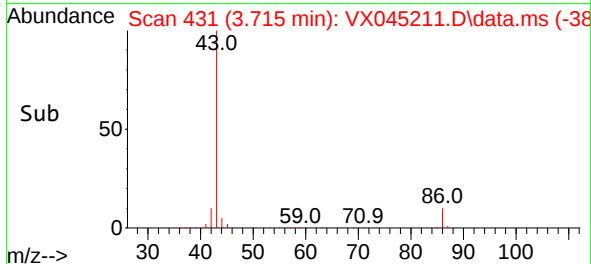
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



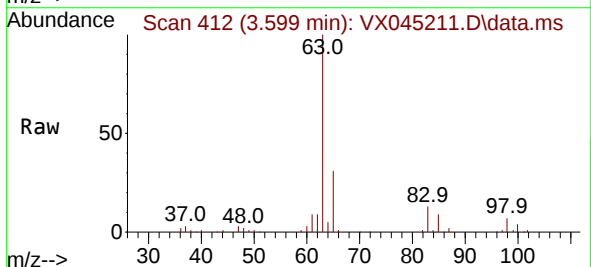
Tgt Ion: 43 Resp: 995760
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.1 12.1

Manual Integrations
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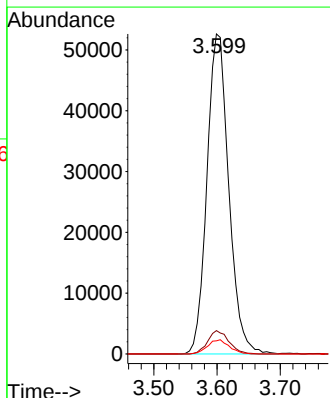
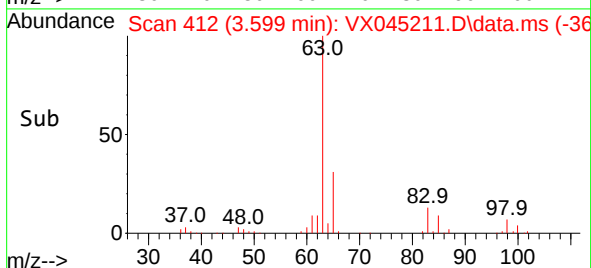
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025

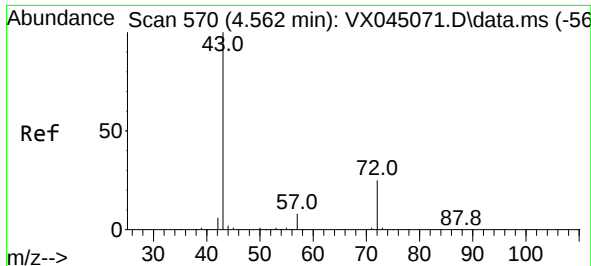


#24
 1,1-Dichloroethane
 Concen: 49.921 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045211.D
 Acq: 11 Mar 2025 09:59



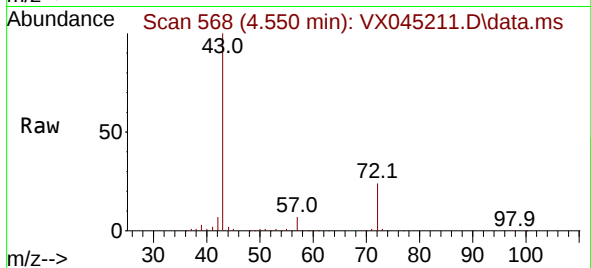
Tgt Ion: 63 Resp: 126144
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.1 2.1 6.5





#25
2-Butanone
Concen: 261.614 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

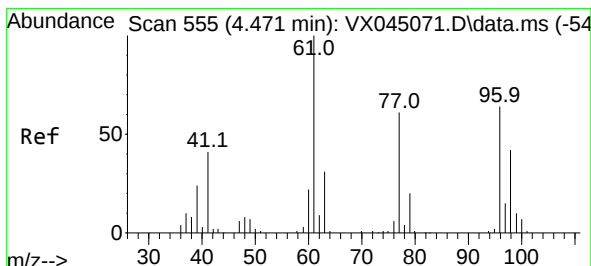
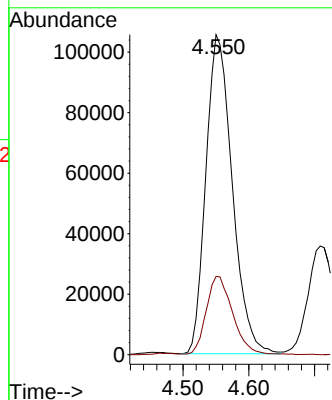
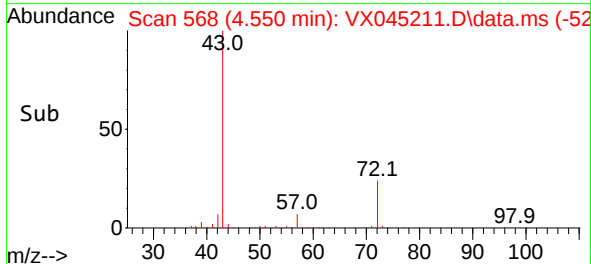
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 29456
Ion Ratio Lower Upper
43 100
72 24.3 20.0 30.0

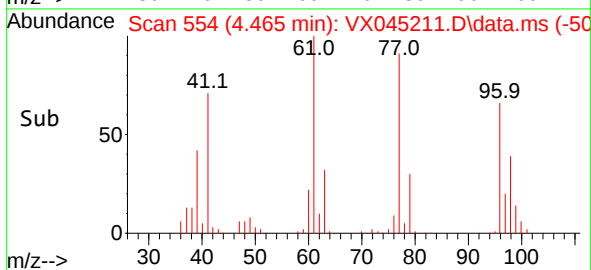
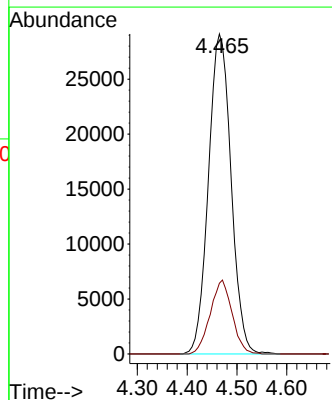
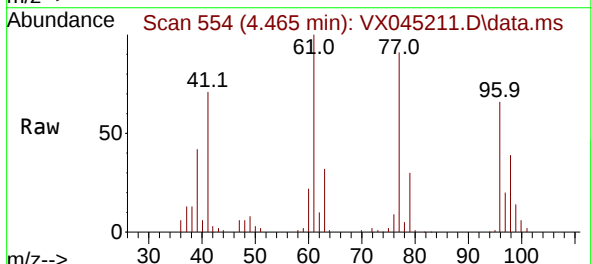
Manual Integrations
APPROVED

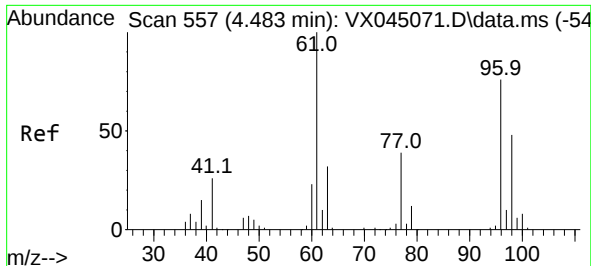
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#26
2,2-Dichloropropane
Concen: 77.390 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 77 Resp: 91726
Ion Ratio Lower Upper
77 100
97 22.3 12.4 37.0





#27

cis-1,2-Dichloroethene

Concen: 50.382 ug/l

RT: 4.477 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 76520

Ion Ratio Lower Upper

96 100

61 148.9 0.0 283.2

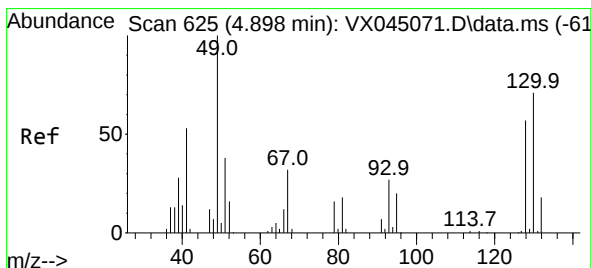
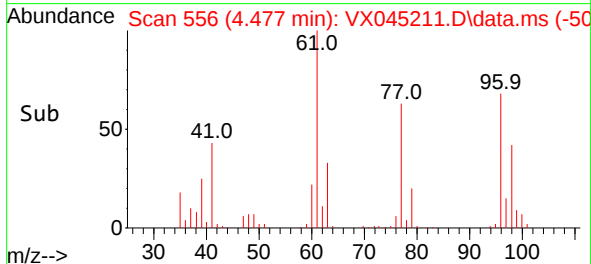
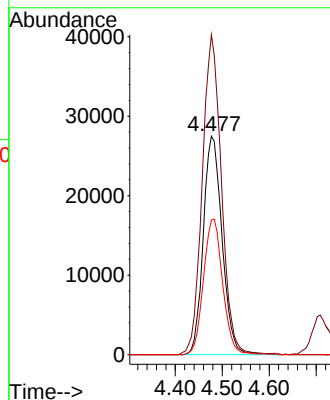
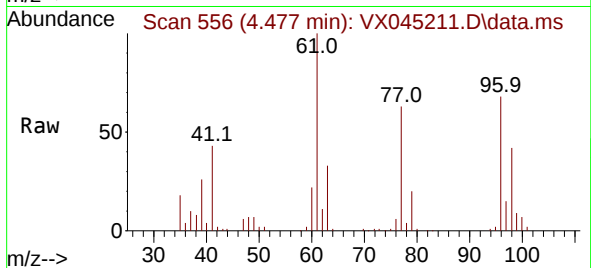
98 63.1 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#28

Bromochloromethane

Concen: 48.726 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

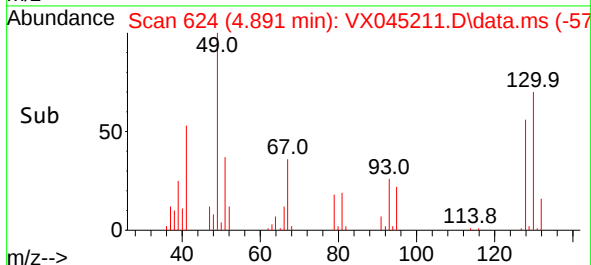
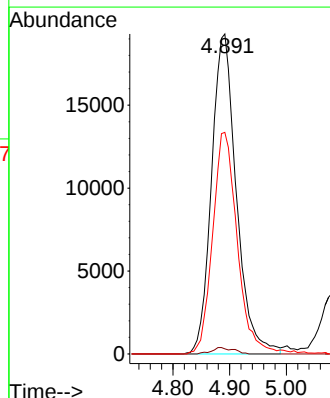
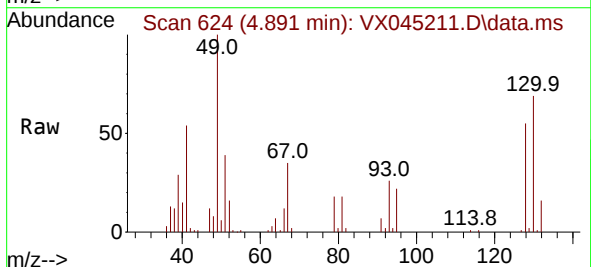
Tgt Ion: 49 Resp: 58687

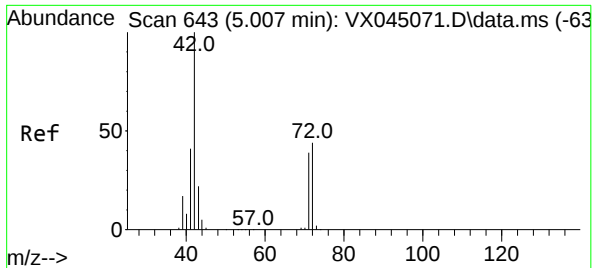
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

130 69.2 56.1 84.1





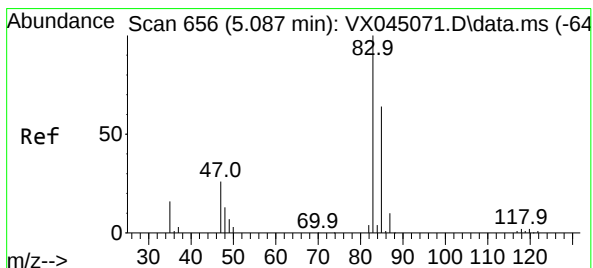
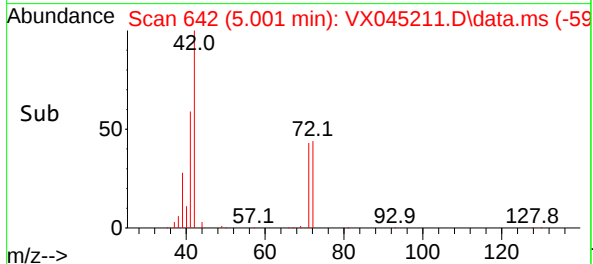
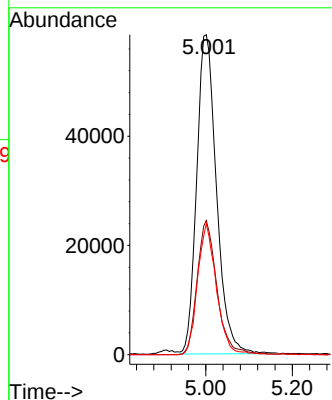
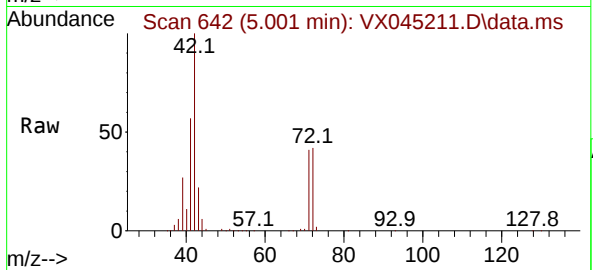
#29
Tetrahydrofuran
Concen: 245.874 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 185910
Ion Ratio Lower Upper
42 100
72 42.0 34.1 51.1
71 39.0 31.4 47.0

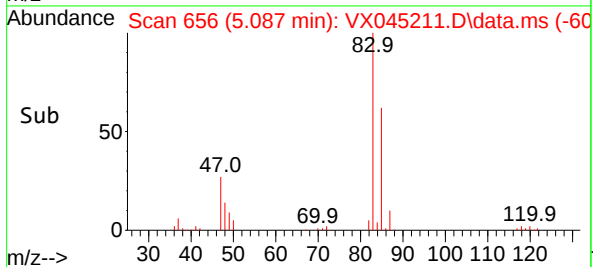
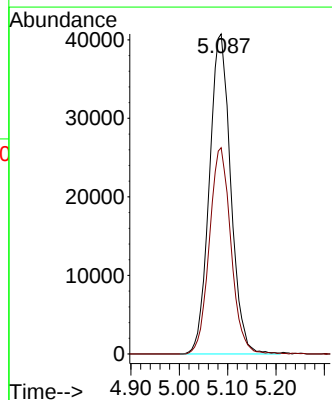
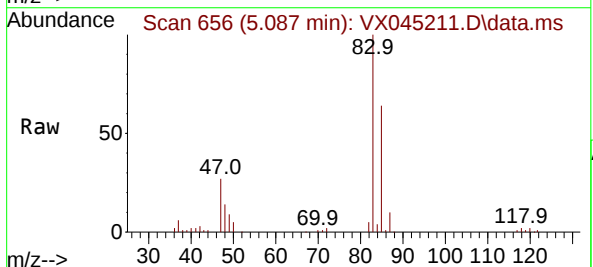
Manual Integrations
APPROVED

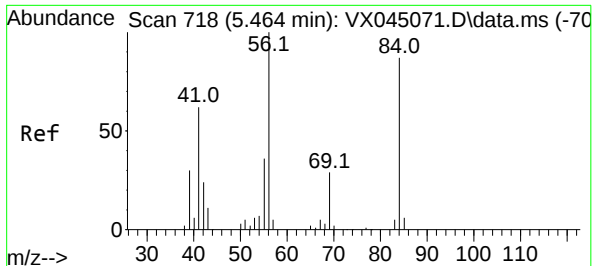
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#30
Chloroform
Concen: 49.818 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

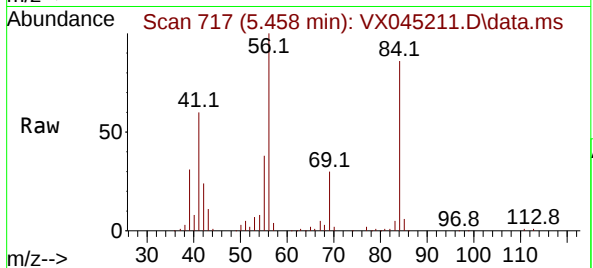
Tgt Ion: 83 Resp: 125081
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.2





#31
Cyclohexane
Concen: 51.345 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

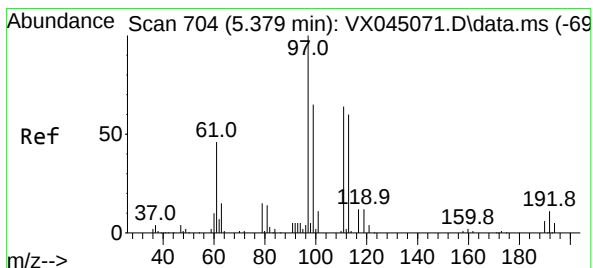
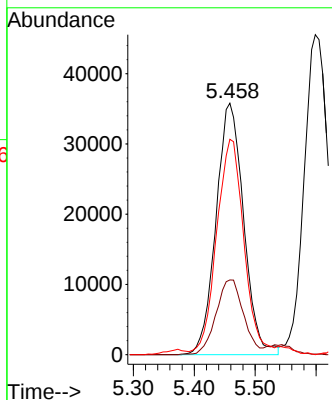
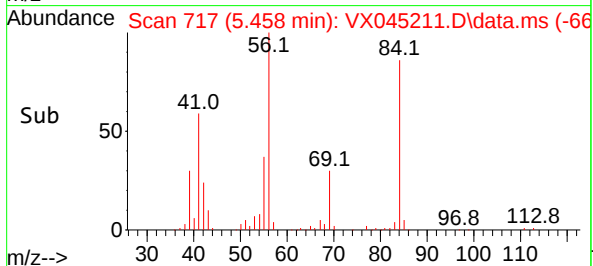
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



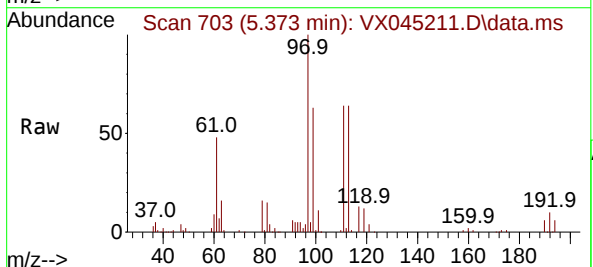
Tgt Ion: 56 Resp: 112624
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.2
84 83.4 69.4 104.2

Manual Integrations
APPROVED

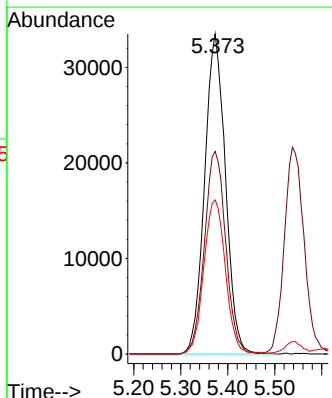
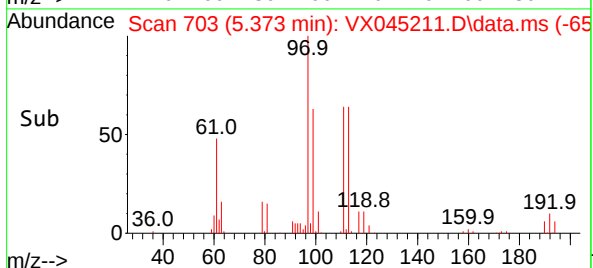
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

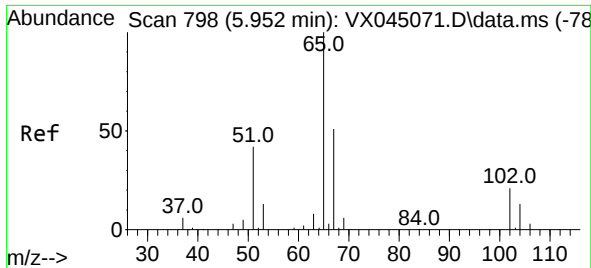


#32
1,1,1-Trichloroethane
Concen: 50.816 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59



Tgt Ion: 97 Resp: 103045
Ion Ratio Lower Upper
97 100
99 64.7 51.6 77.4
61 50.2 38.4 57.6





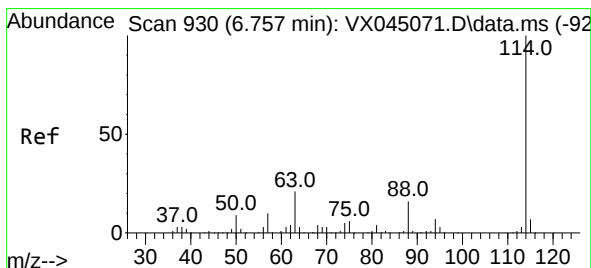
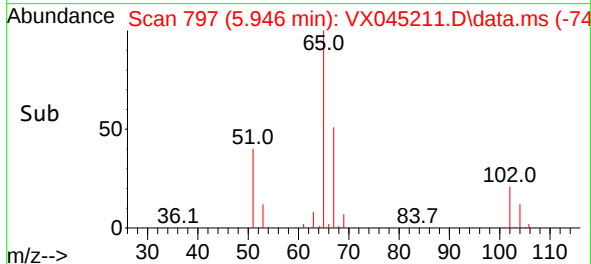
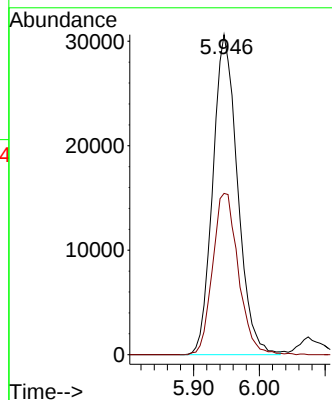
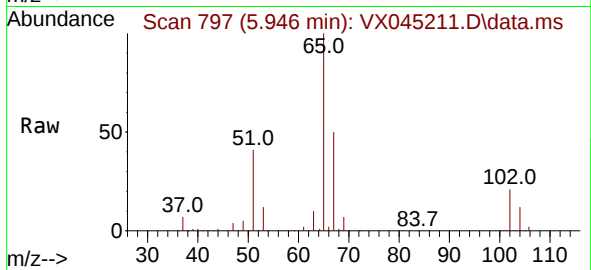
#33
 1,2-Dichloroethane-d4
 Concen: 49.818 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX045211.D
 Acq: 11 Mar 2025 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 80318
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.2

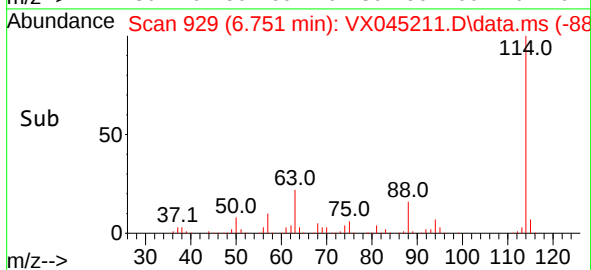
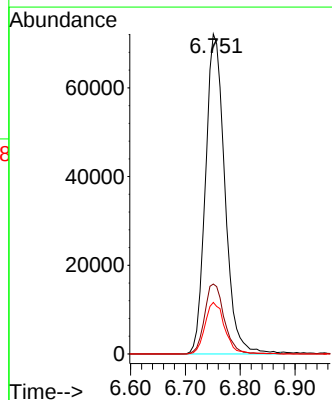
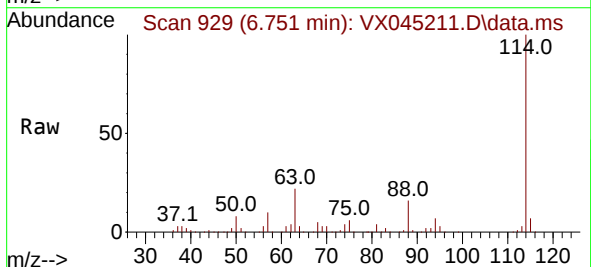
Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX045211.D
 Acq: 11 Mar 2025 09:59

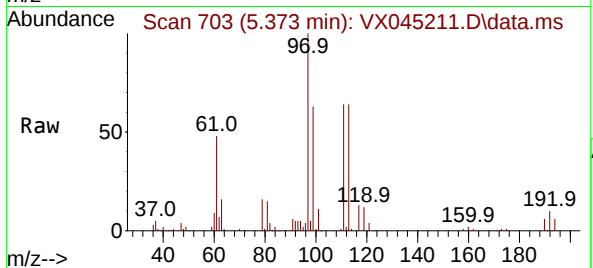
Tgt Ion:114 Resp: 176548
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 41.8
 88 16.1 0.0 32.8





#35
Dibromofluoromethane
Concen: 53.104 ug/l
RT: 5.373 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

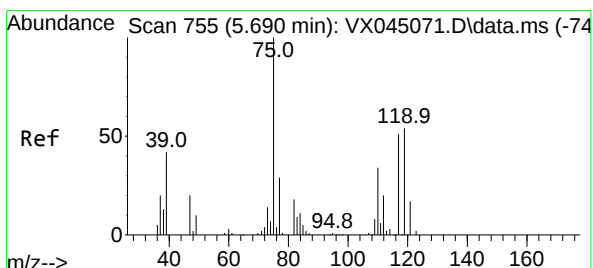
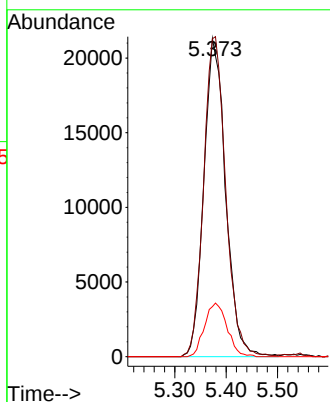
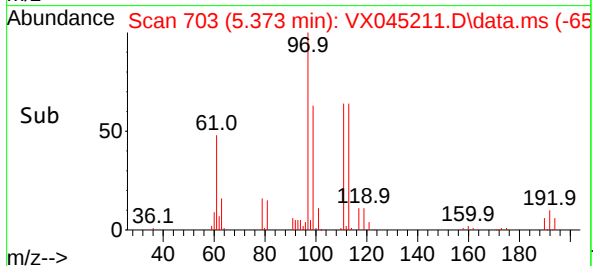
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 6269
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.6
192 17.4 14.3 21.5

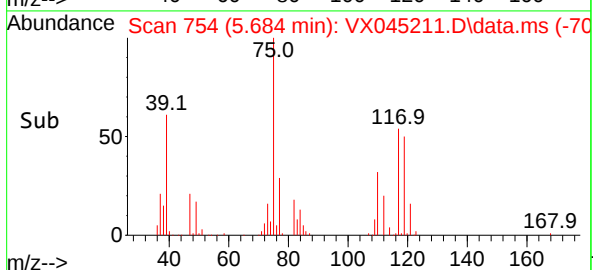
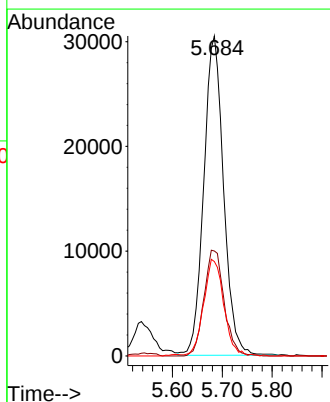
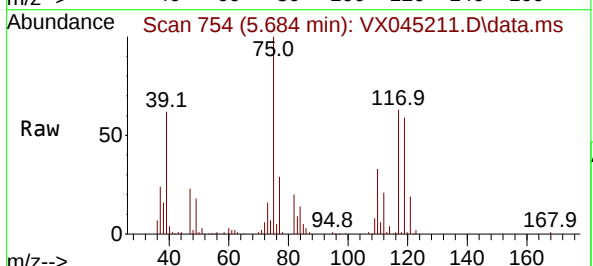
Manual Integrations
APPROVED

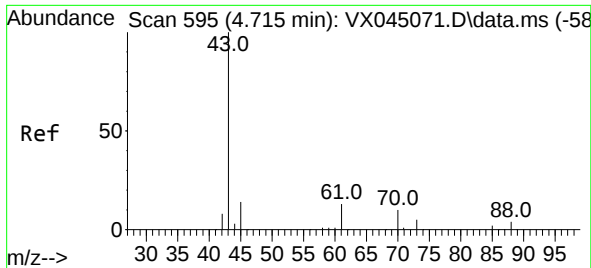
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#36
1,1-Dichloropropene
Concen: 51.860 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 75 Resp: 83960
Ion Ratio Lower Upper
75 100
110 33.7 16.9 50.6
77 30.3 24.5 36.7





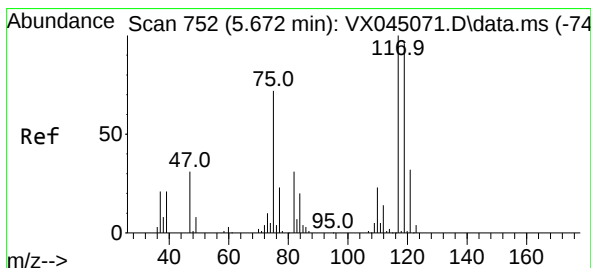
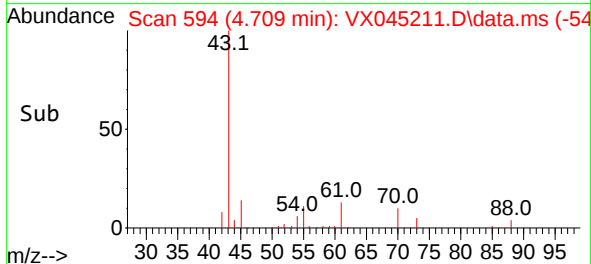
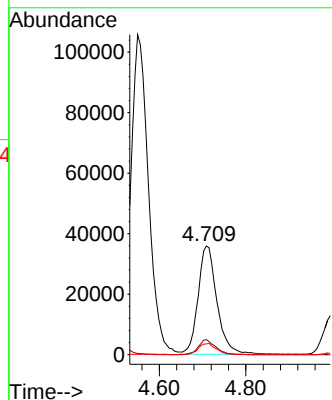
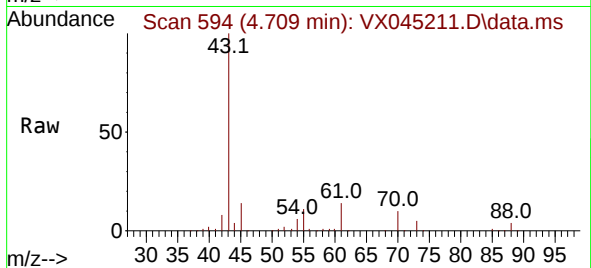
#37
Ethyl Acetate
Concen: 51.851 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 108170
Ion Ratio Lower Upper
43 100
61 12.8 10.8 16.2
70 10.0 7.7 11.5

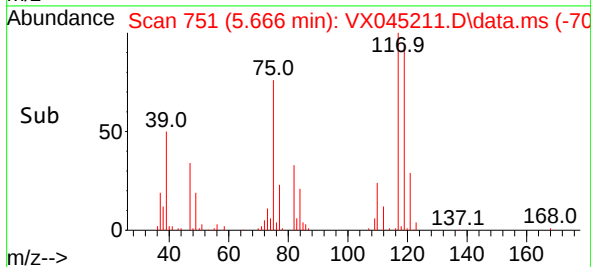
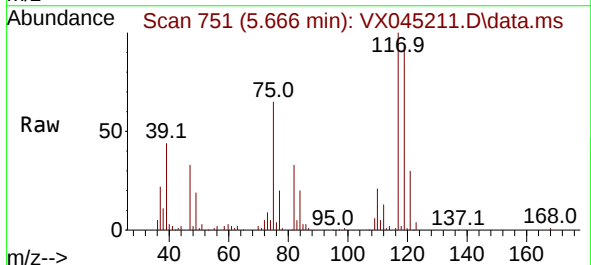
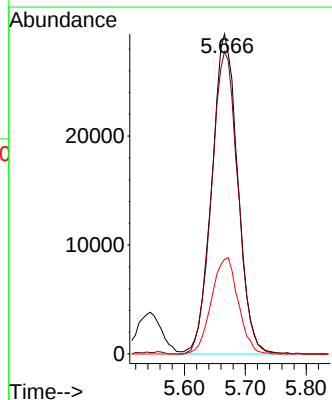
Manual Integrations
APPROVED

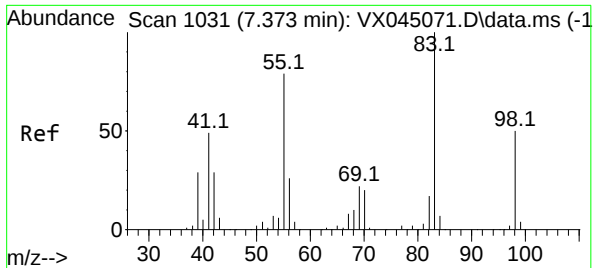
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#38
Carbon Tetrachloride
Concen: 52.948 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion:117 Resp: 87028
Ion Ratio Lower Upper
117 100
119 94.5 76.7 115.1
121 29.6 25.5 38.3





#39

Methylcyclohexane

Concen: 56.638 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 109872

Ion Ratio Lower Upper

83 100

55 79.8 63.0 94.4

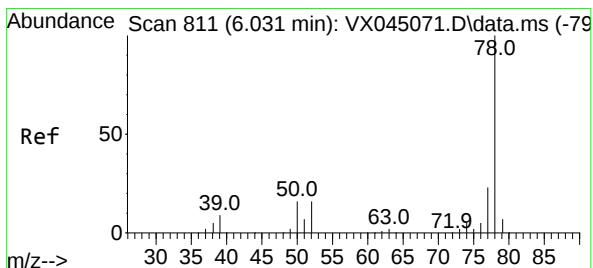
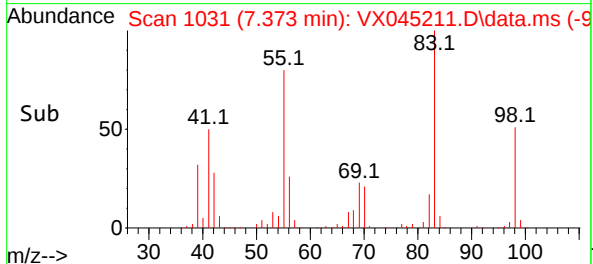
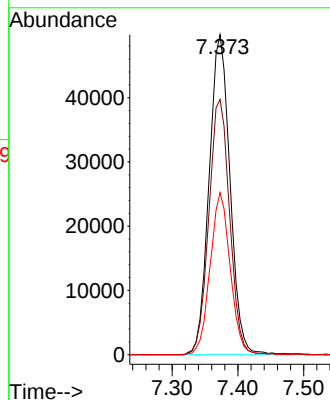
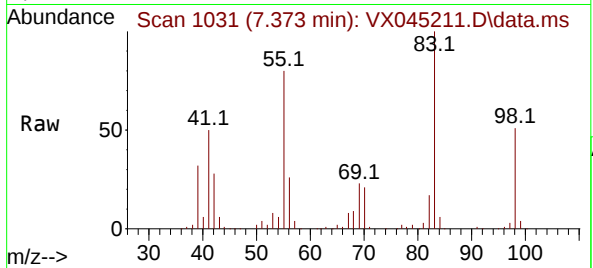
98 50.7 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#40

Benzene

Concen: 51.320 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.006 min

Lab File: VX045211.D

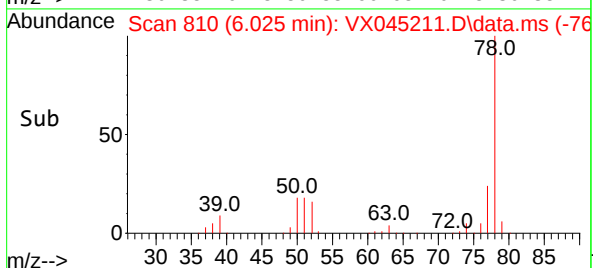
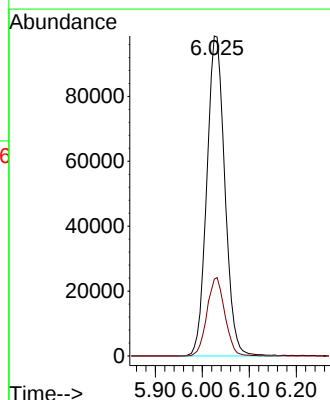
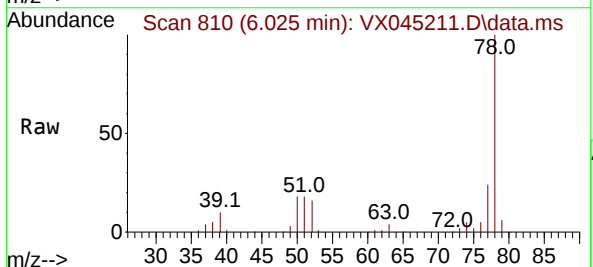
Acq: 11 Mar 2025 09:59

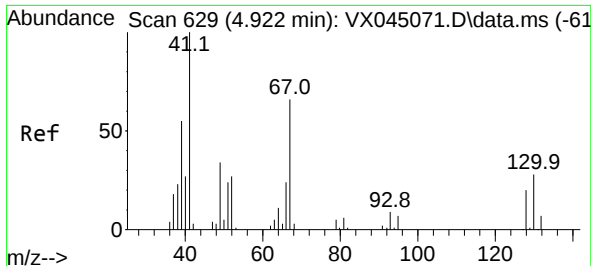
Tgt Ion: 78 Resp: 262366

Ion Ratio Lower Upper

78 100

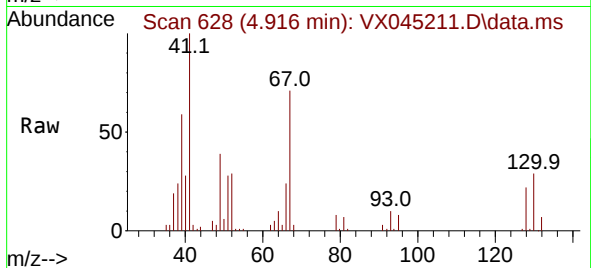
77 24.0 18.8 28.2





#41
Methacrylonitrile
Concen: 53.315 ug/l
RT: 4.916 min Scan# 614
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

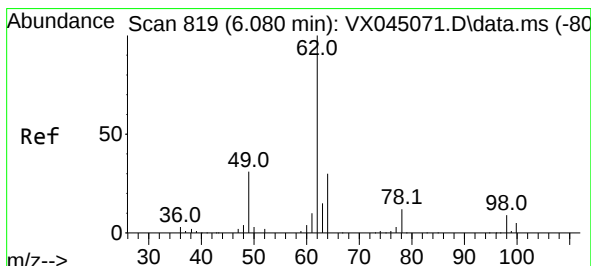
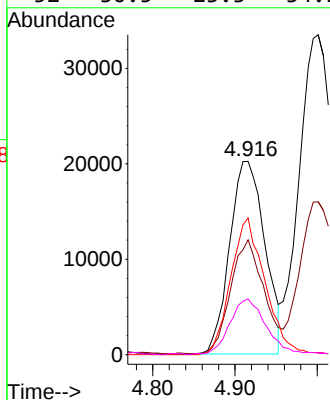
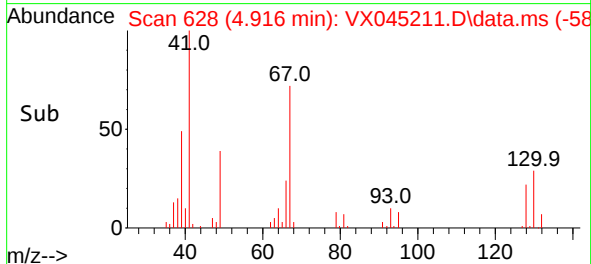
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



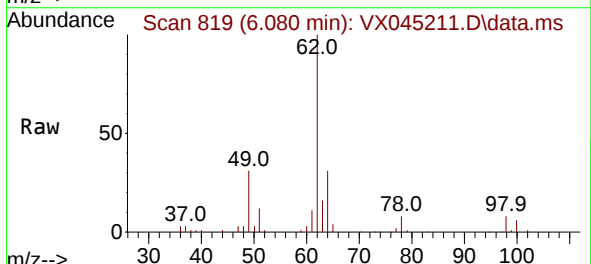
Tgt Ion: 41 Resp: 6014
Ion Ratio Lower Upper
41 100
39 56.5 44.6 67.0
67 69.3 53.9 80.9
52 30.5 23.3 34.9

Manual Integrations
APPROVED

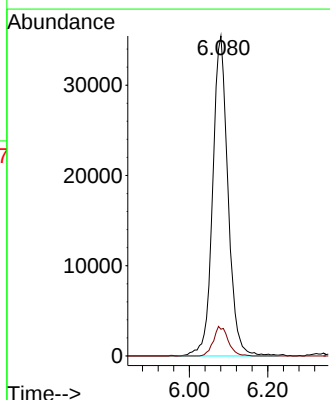
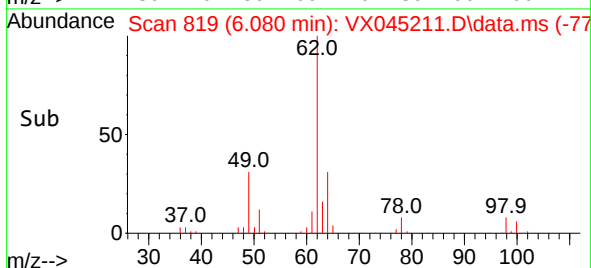
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

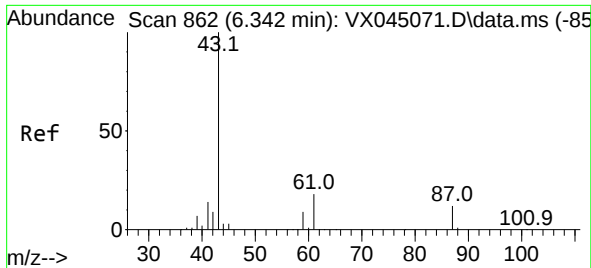


#42
1,2-Dichloroethane
Concen: 52.356 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59



Tgt Ion: 62 Resp: 96385
Ion Ratio Lower Upper
62 100
98 8.9 0.0 18.2





#43

Isopropyl Acetate

Concen: 54.564 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 16832

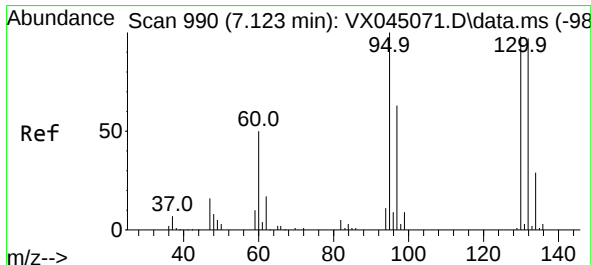
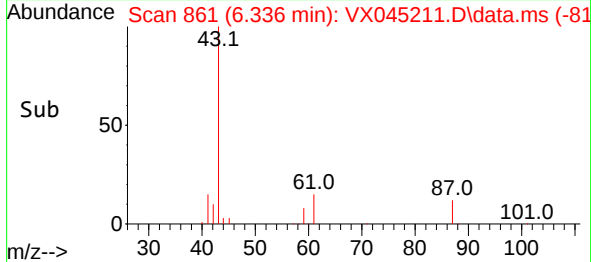
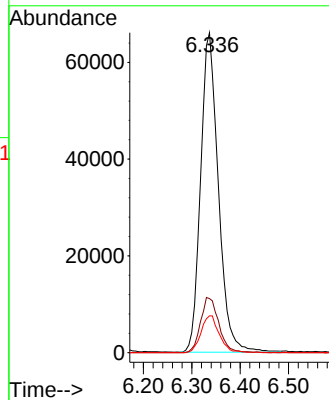
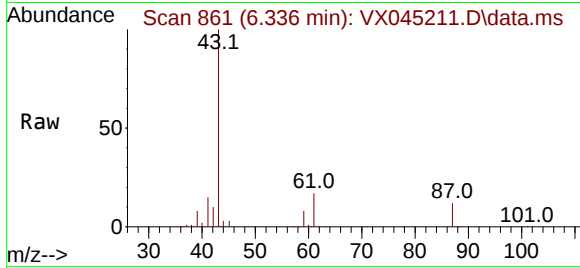
Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.9	22.3
87	11.9	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#44

Trichloroethene

Concen: 52.042 ug/l

RT: 7.117 min Scan# 989

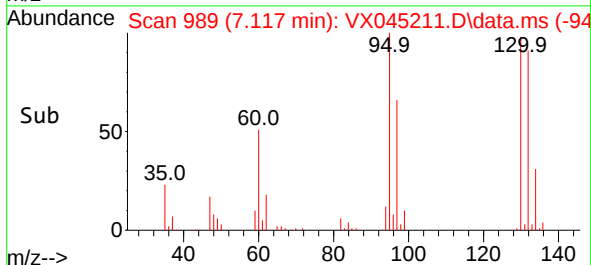
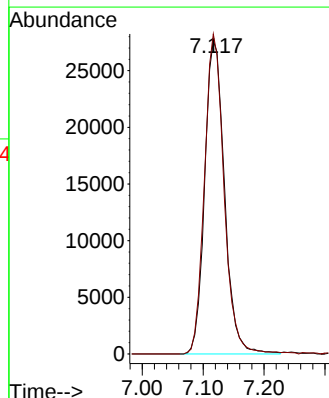
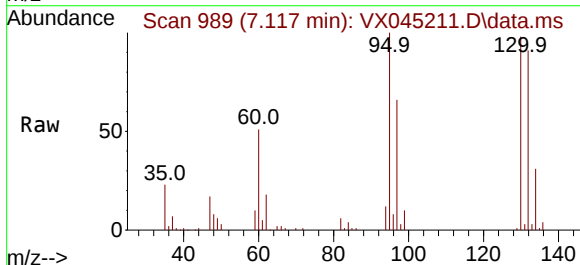
Delta R.T. -0.006 min

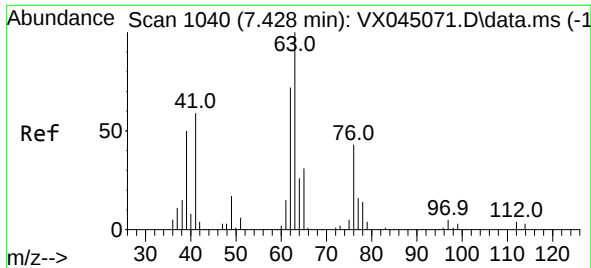
Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Tgt Ion:130 Resp: 62473

Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	205.0





#45

1,2-Dichloropropane

Concen: 50.991 ug/l

RT: 7.422 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 67025

Ion Ratio Lower Upper

63 100

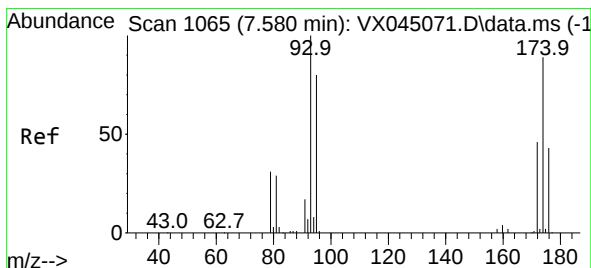
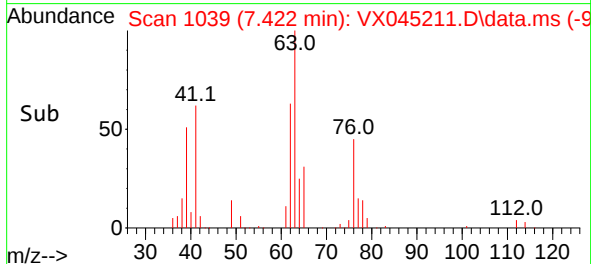
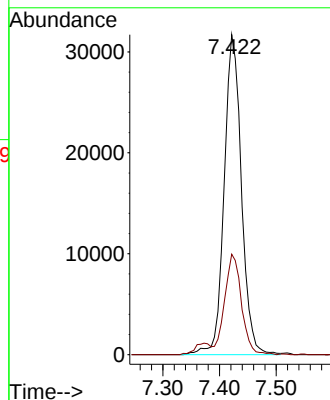
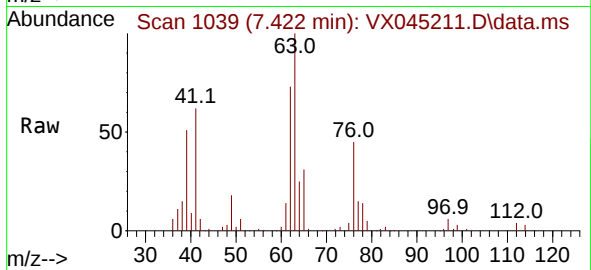
65 31.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#46

Dibromomethane

Concen: 52.911 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

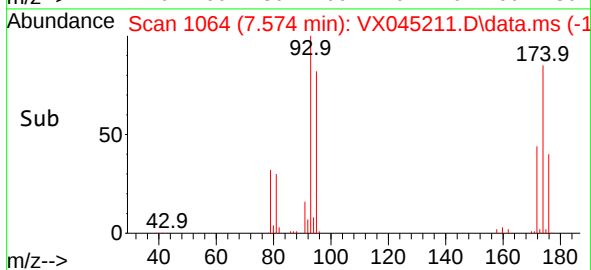
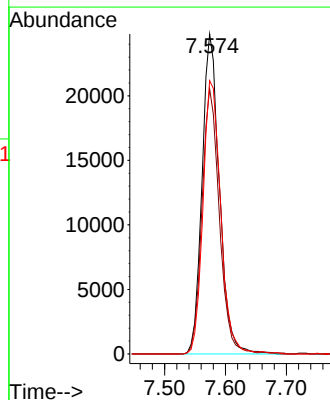
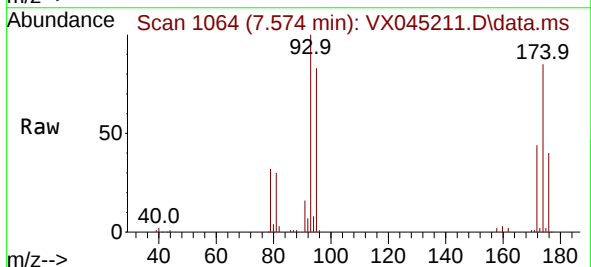
Tgt Ion: 93 Resp: 49158

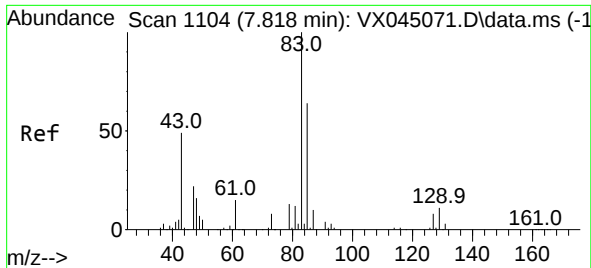
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 87.6 72.2 108.2





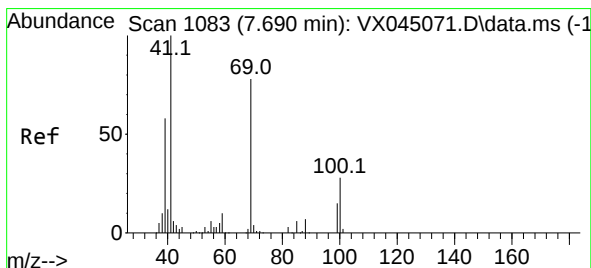
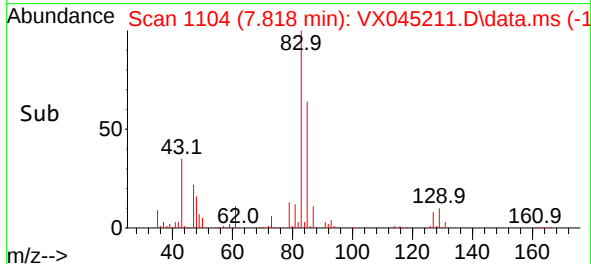
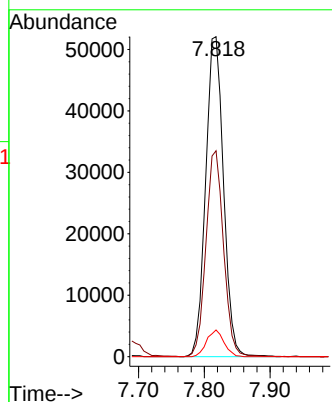
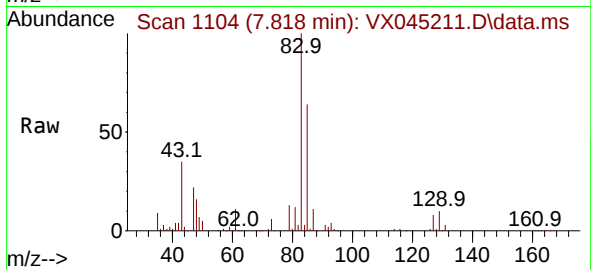
#47
Bromodichloromethane
Concen: 53.986 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9838
Ion Ratio Lower Upper
83 100
85 64.3 51.1 76.7
127 8.4 6.4 9.6

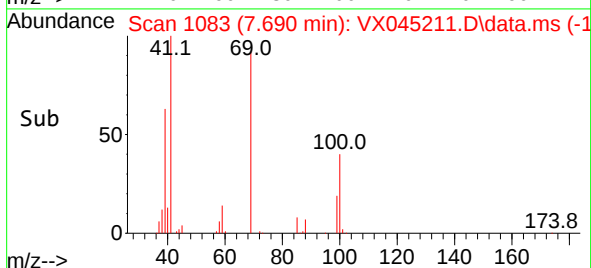
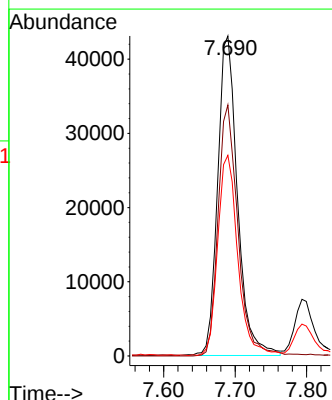
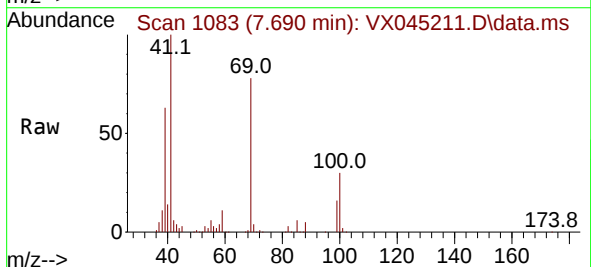
Manual Integrations
APPROVED

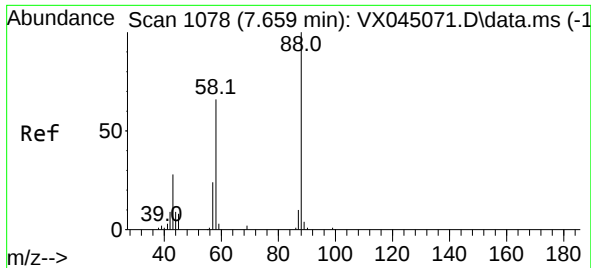
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#48
Methyl methacrylate
Concen: 53.663 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

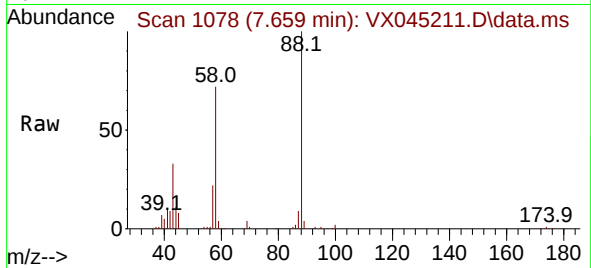
Tgt Ion: 41 Resp: 83051
Ion Ratio Lower Upper
41 100
69 78.6 63.0 94.6
39 63.7 47.5 71.3





#49
1,4-Dioxane
Concen: 900.059 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

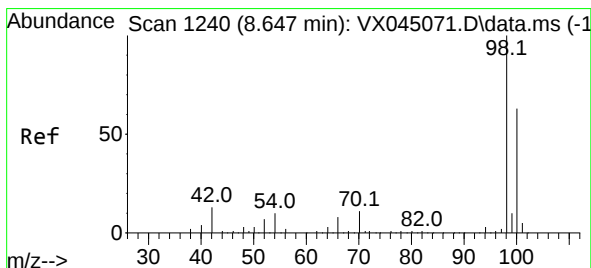
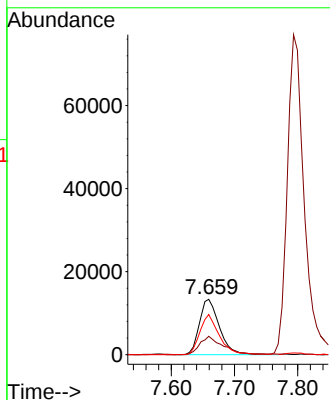
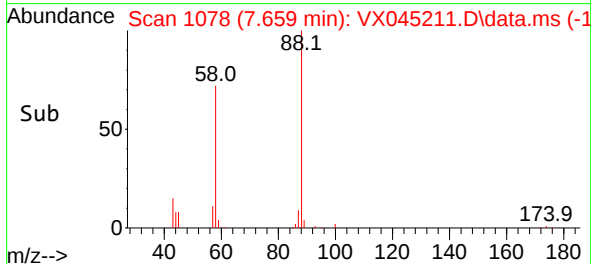
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 2938
Ion Ratio Lower Upper
88 100
43 38.0 28.7 43.1
58 70.1 55.8 83.8

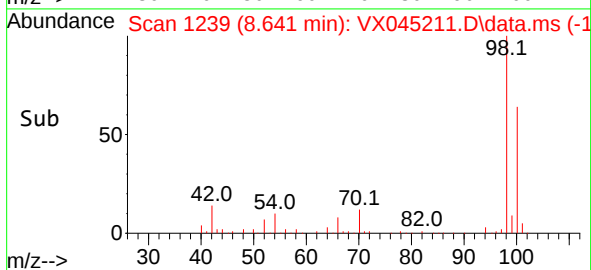
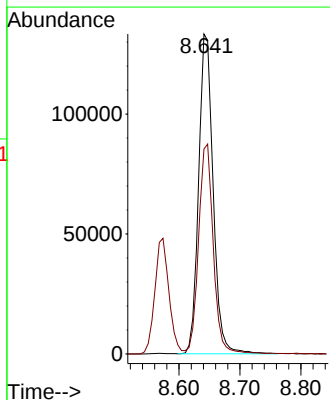
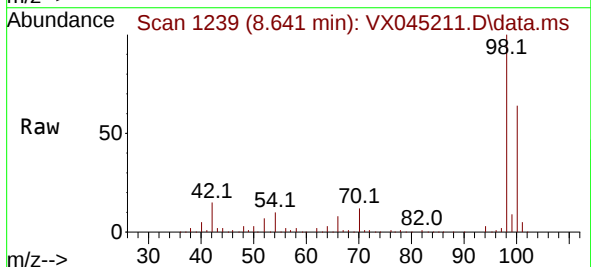
Manual Integrations
APPROVED

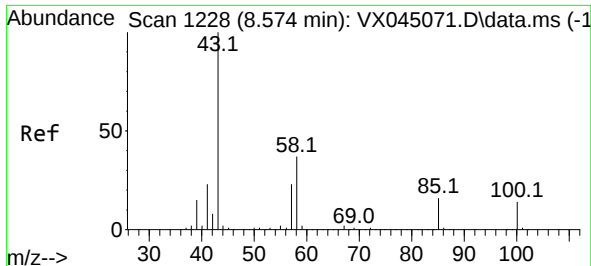
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#50
Toluene-d8
Concen: 51.586 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 98 Resp: 220779
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0





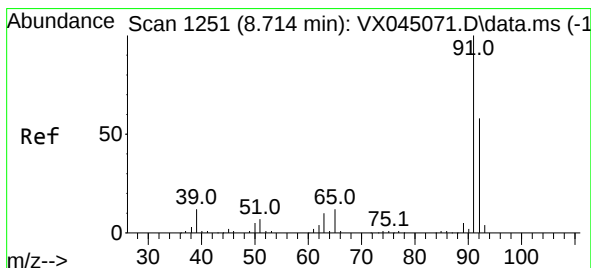
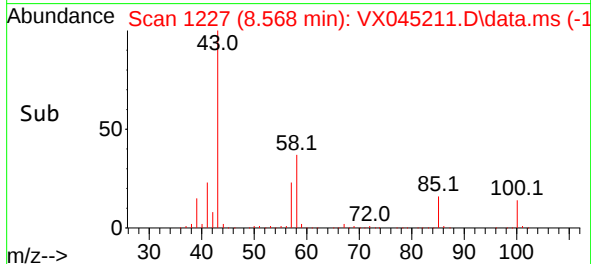
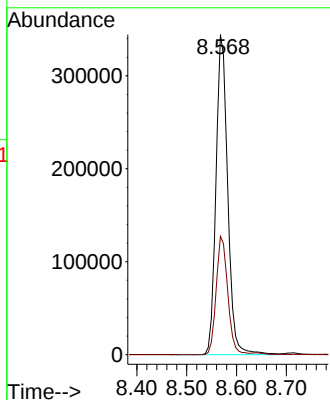
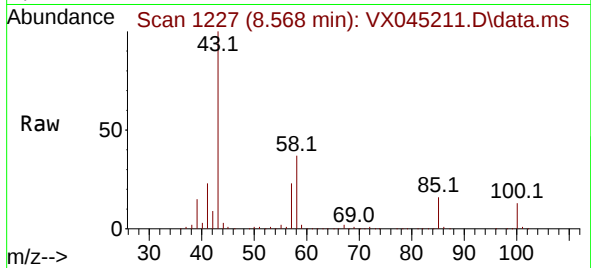
#51
4-Methyl-2-Pentanone
Concen: 271.045 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 56141
Ion Ratio Lower Upper
43 100
58 36.6 29.2 43.8

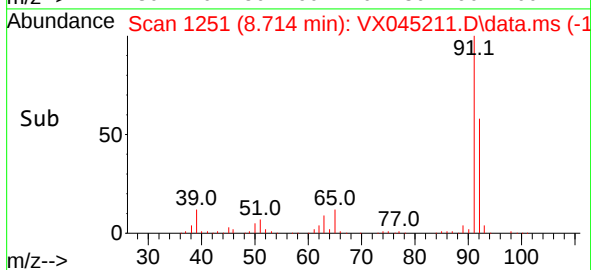
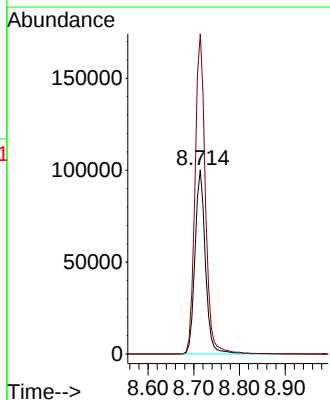
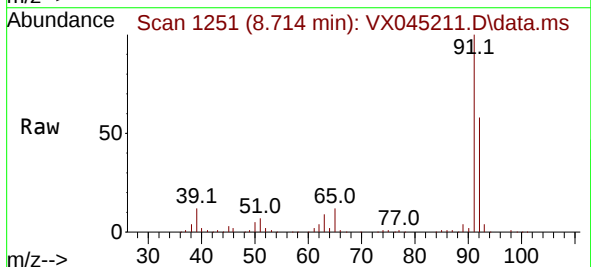
Manual Integrations
APPROVED

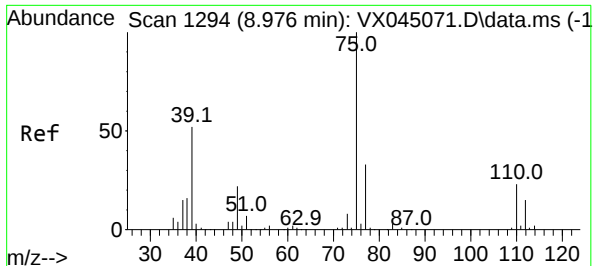
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#52
Toluene
Concen: 52.972 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

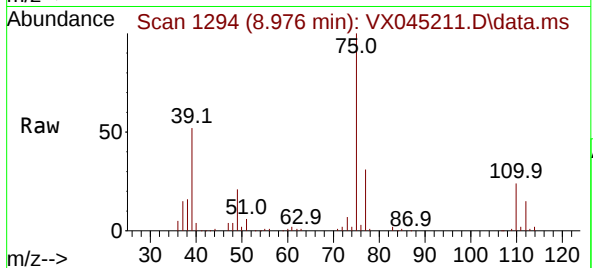
Tgt Ion: 92 Resp: 158892
Ion Ratio Lower Upper
92 100
91 173.6 138.9 208.3





#53
t-1,3-Dichloropropene
Concen: 59.606 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

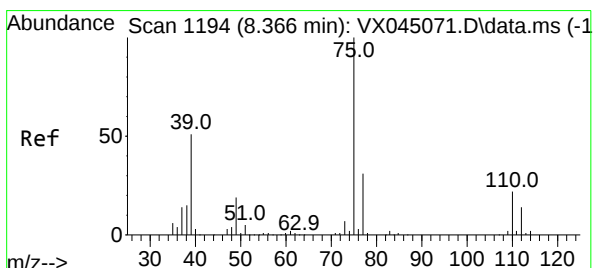
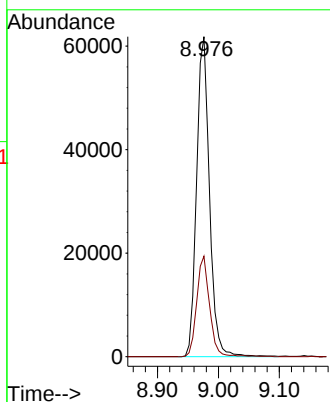
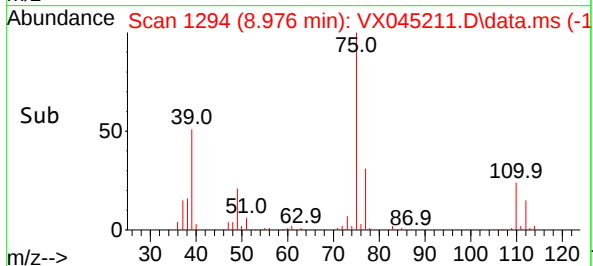
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



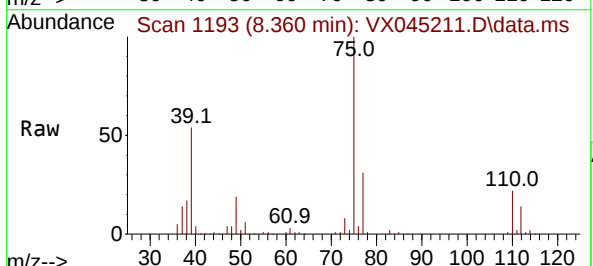
Tgt Ion: 75 Resp: 90808
Ion Ratio Lower Upper
75 100
77 31.4 26.5 39.7

Manual Integrations
APPROVED

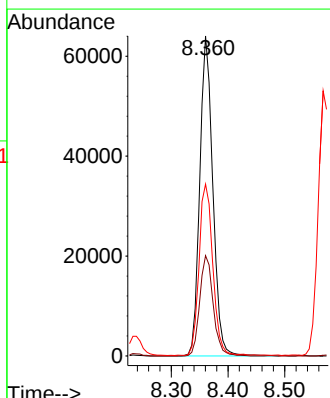
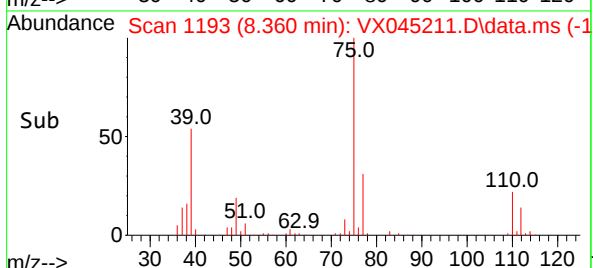
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

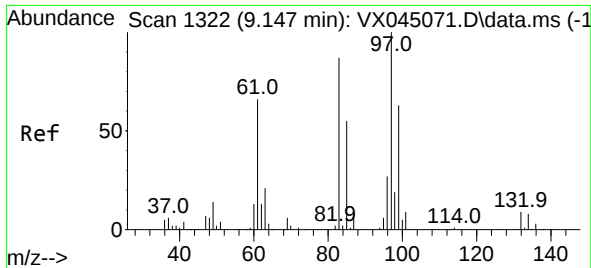


#54
cis-1,3-Dichloropropene
Concen: 57.592 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59



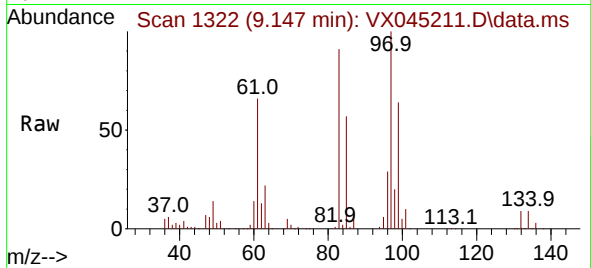
Tgt Ion: 75 Resp: 102314
Ion Ratio Lower Upper
75 100
77 31.4 24.7 37.1
39 53.4 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 51.661 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

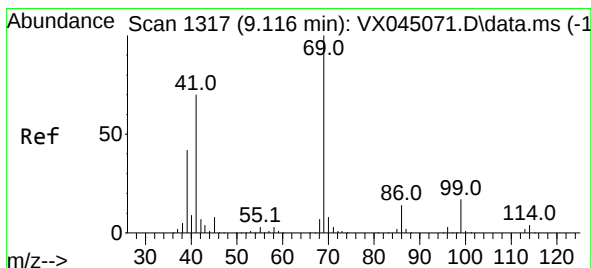
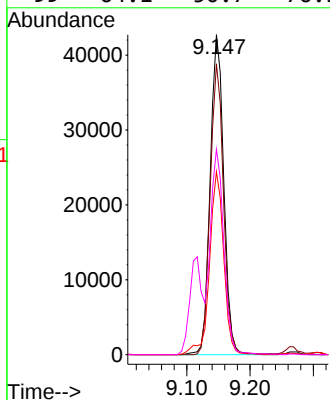
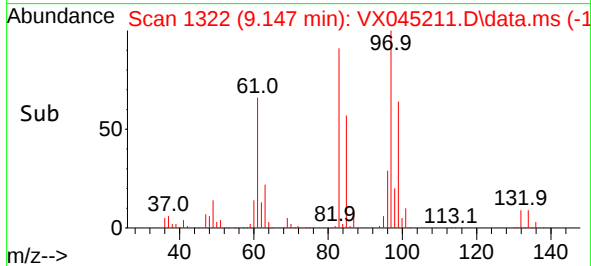
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



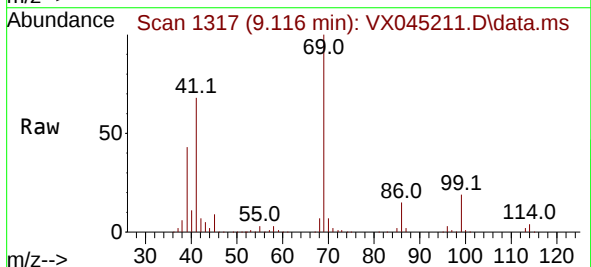
Tgt Ion: 97 Resp: 6379
Ion Ratio Lower Upper
97 100
83 90.9 69.4 104.2
85 57.2 44.1 66.1
99 64.1 50.7 76.1

Manual Integrations
APPROVED

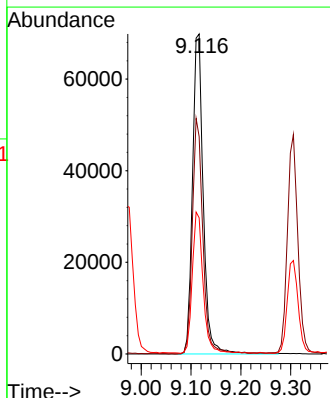
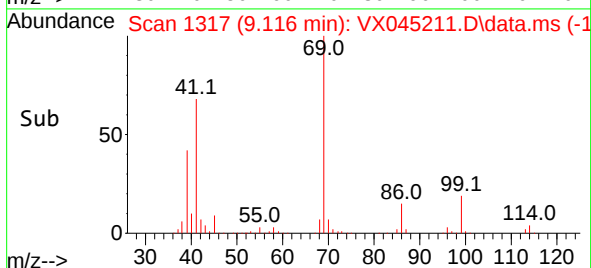
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

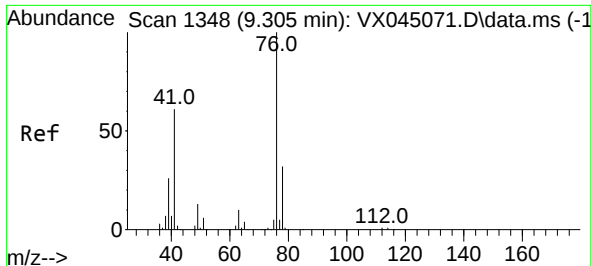


#56
Ethyl methacrylate
Concen: 55.894 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59



Tgt Ion: 69 Resp: 104915
Ion Ratio Lower Upper
69 100
41 71.9 57.0 85.4
39 44.3 34.2 51.4





#57

1,3-Dichloropropane

Concen: 52.131 ug/l

RT: 9.305 min Scan# 11140

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11140

Ion Ratio Lower Upper

76 100

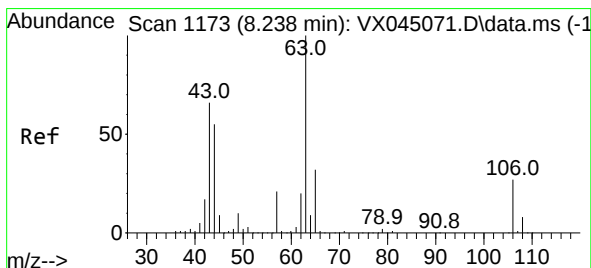
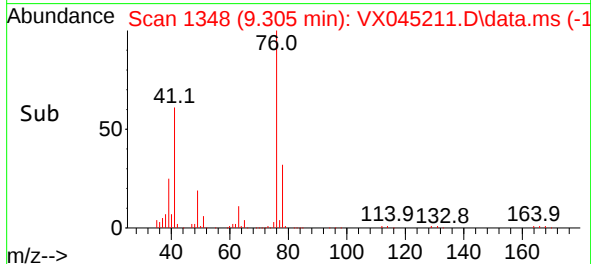
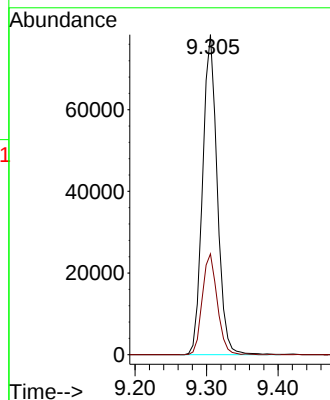
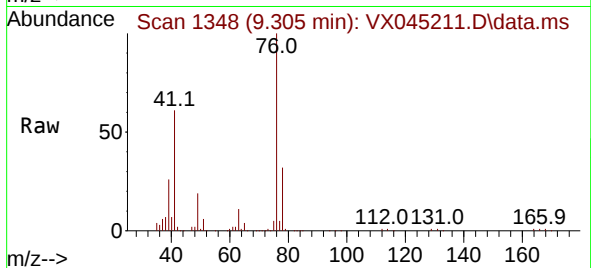
78 32.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 291.597 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045211.D

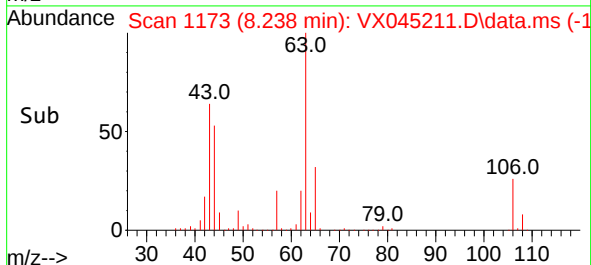
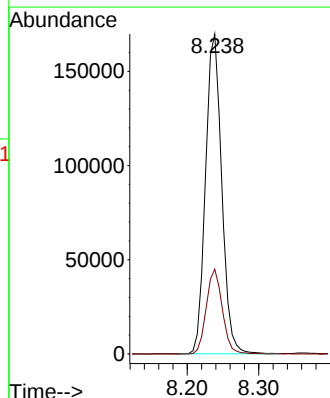
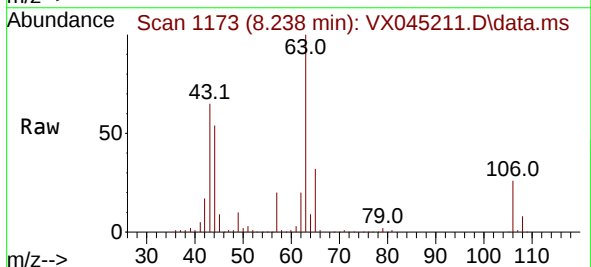
Acq: 11 Mar 2025 09:59

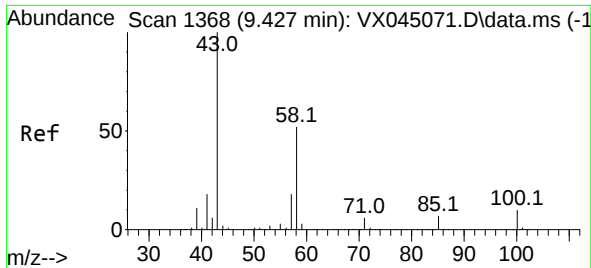
Tgt Ion: 63 Resp: 266994

Ion Ratio Lower Upper

63 100

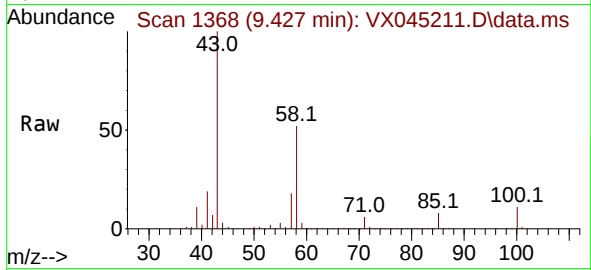
106 26.2 21.5 32.3





#59
2-Hexanone
Concen: 269.382 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

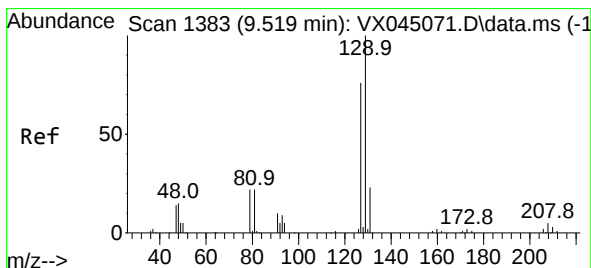
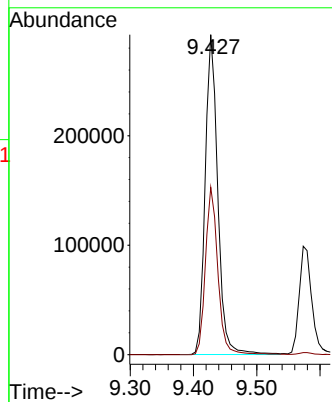
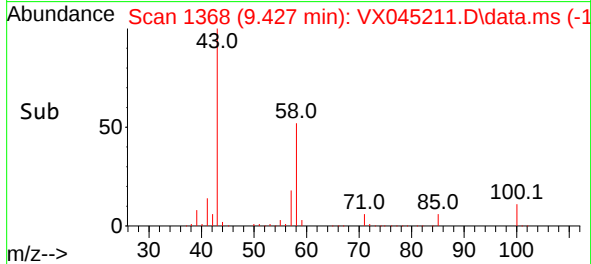
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 404272
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.6

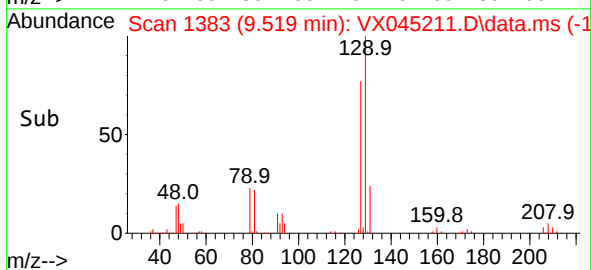
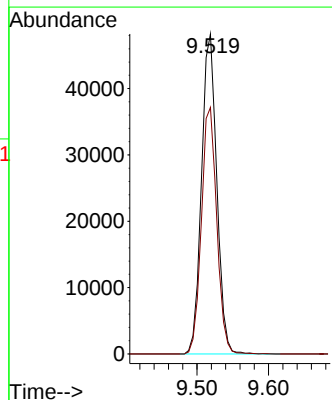
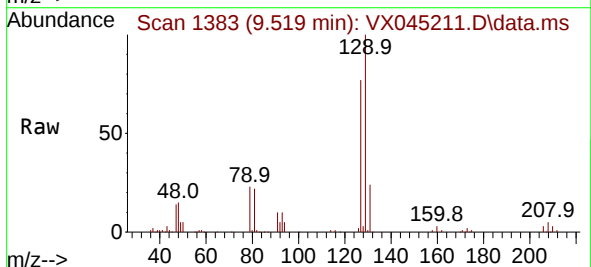
Manual Integrations
APPROVED

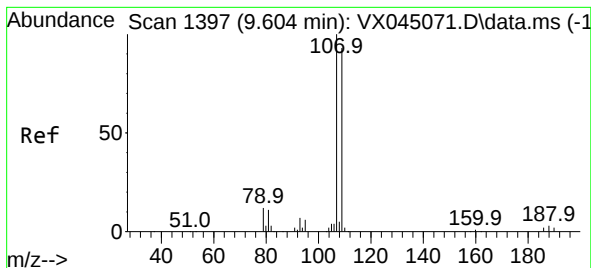
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#60
Dibromochloromethane
Concen: 55.267 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

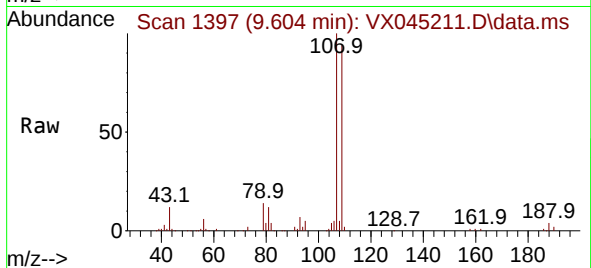
Tgt Ion:129 Resp: 71357
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 53.438 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

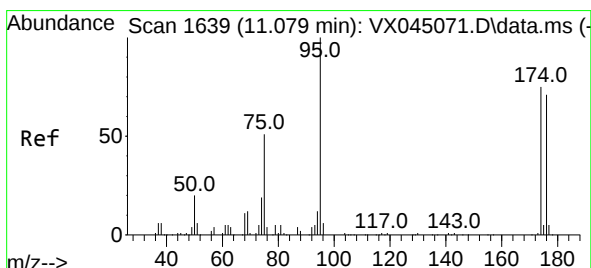
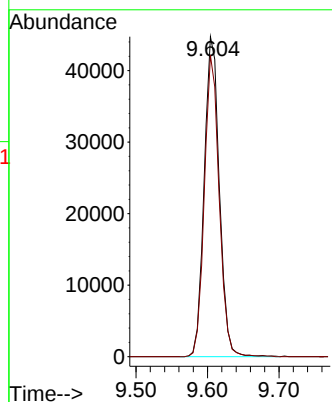
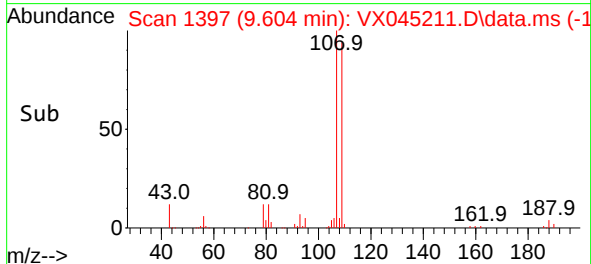
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



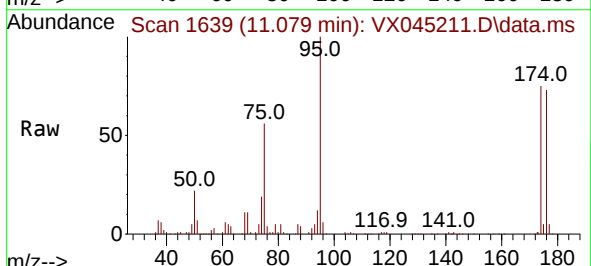
Tgt Ion:107 Resp: 65874
Ion Ratio Lower Upper
107 100
109 92.1 76.1 114.1

Manual Integrations
APPROVED

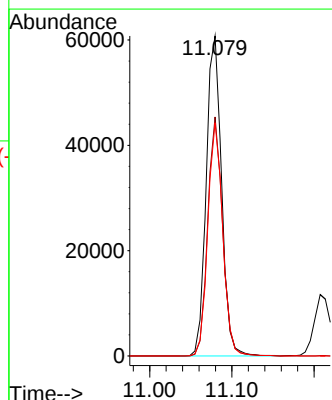
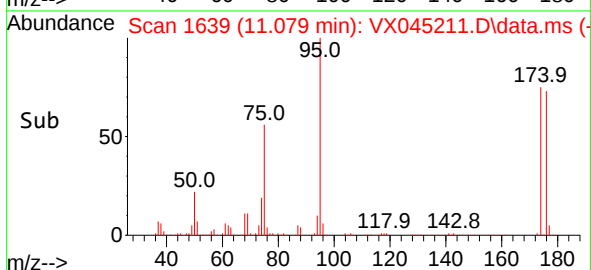
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

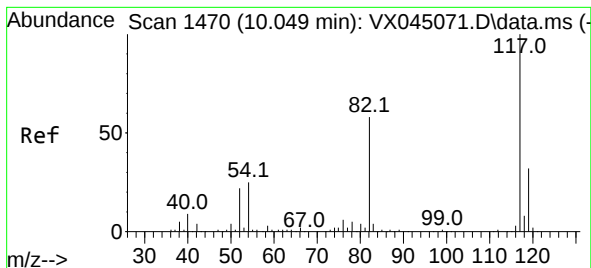


#62
4-Bromofluorobenzene
Concen: 55.511 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59



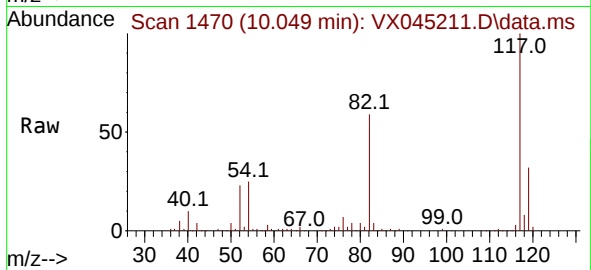
Tgt Ion: 95 Resp: 78726
Ion Ratio Lower Upper
95 100
174 72.2 0.0 148.2
176 70.8 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

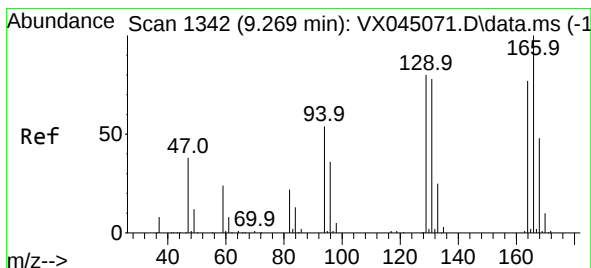
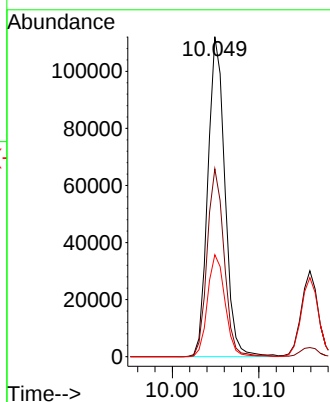
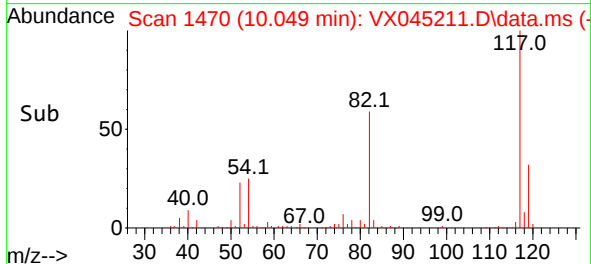
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 153652
Ion Ratio Lower Upper
117 100
82 58.7 46.3 69.5
119 31.8 25.7 38.5

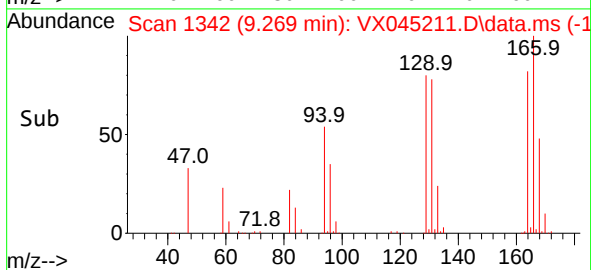
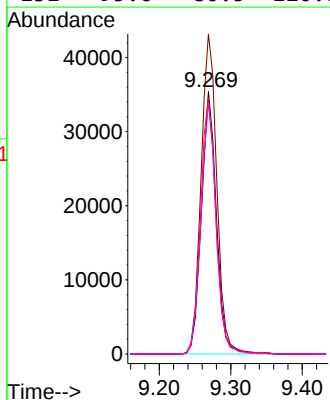
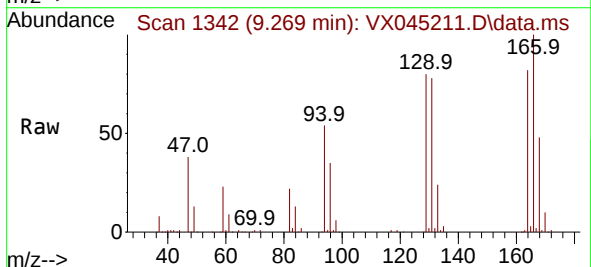
Manual Integrations
APPROVED

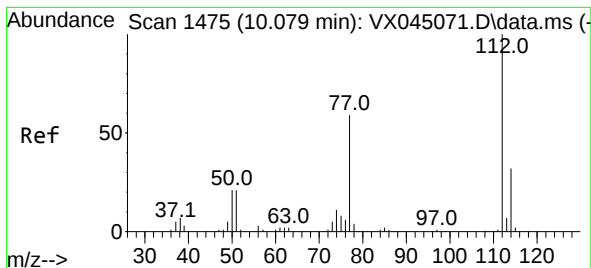
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#64
Tetrachloroethene
Concen: 52.473 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion:164 Resp: 51638
Ion Ratio Lower Upper
164 100
166 121.9 103.6 155.4
129 97.7 82.7 124.1
131 95.6 80.5 120.7





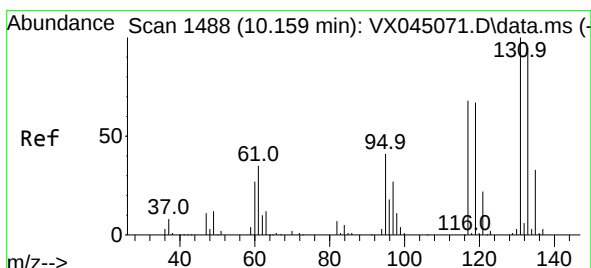
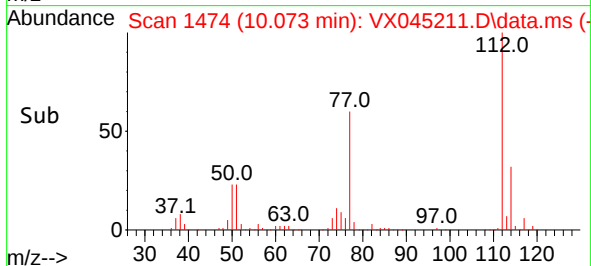
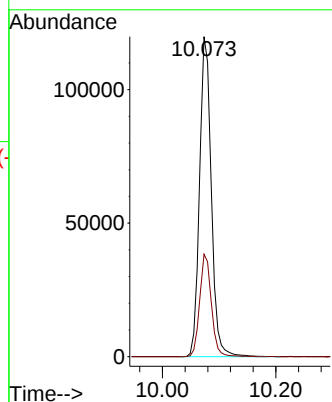
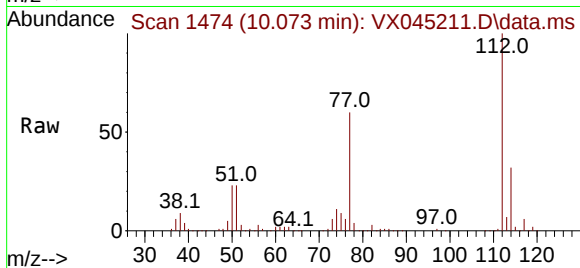
#65
Chlorobenzene
Concen: 52.928 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 17208
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0

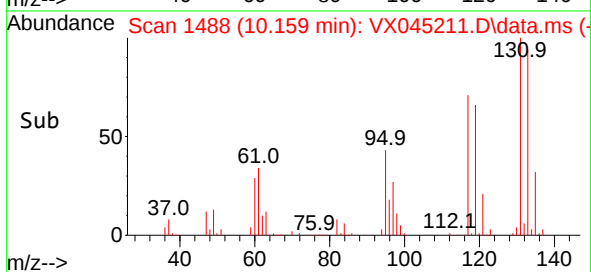
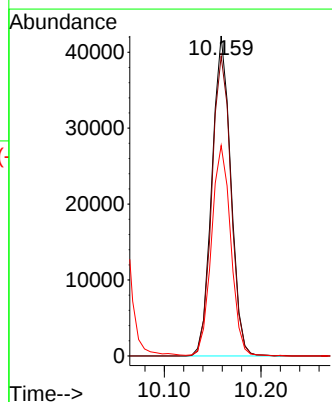
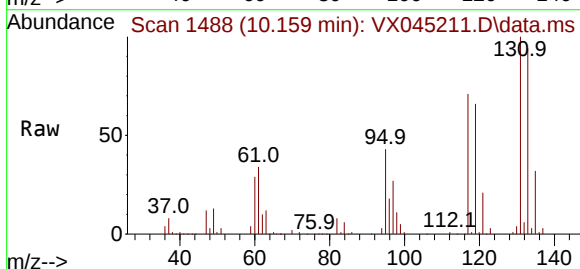
Manual Integrations
APPROVED

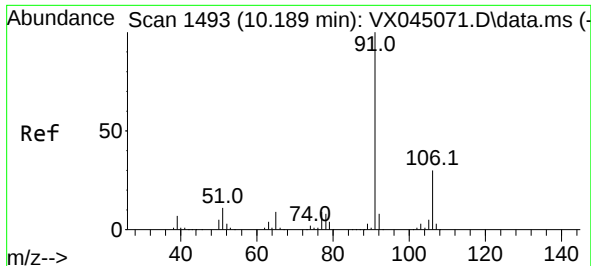
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.821 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

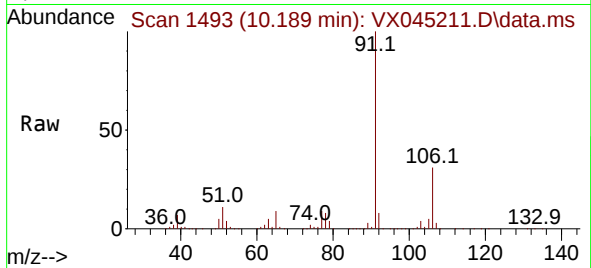
Tgt Ion:131 Resp: 57191
Ion Ratio Lower Upper
131 100
133 95.4 48.6 145.9
119 67.1 33.9 101.7





#67
Ethyl Benzene
Concen: 54.136 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

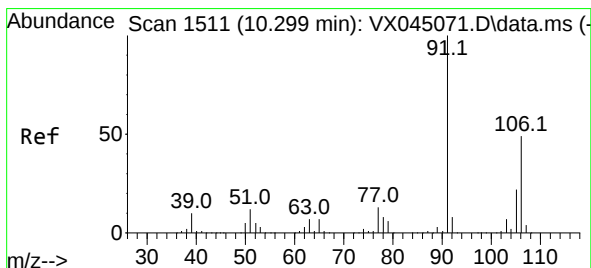
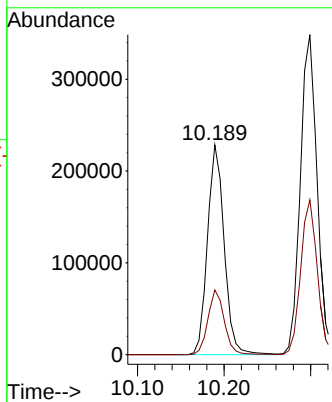
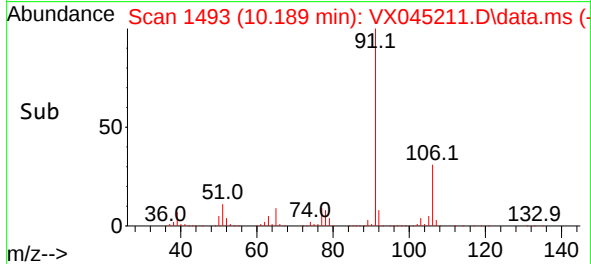
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 306683
Ion Ratio Lower Upper
91 100
106 30.8 23.9 35.9

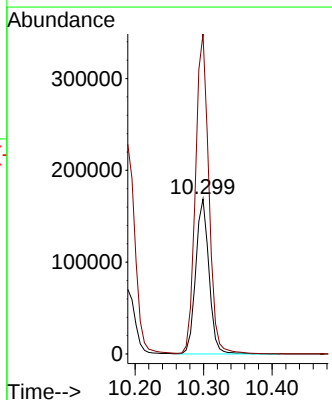
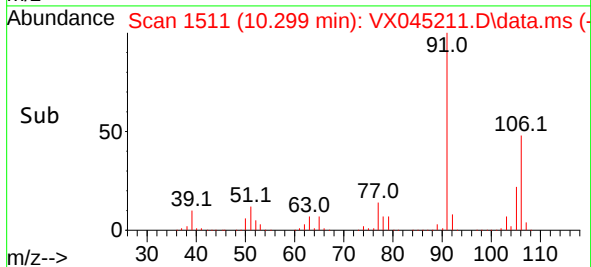
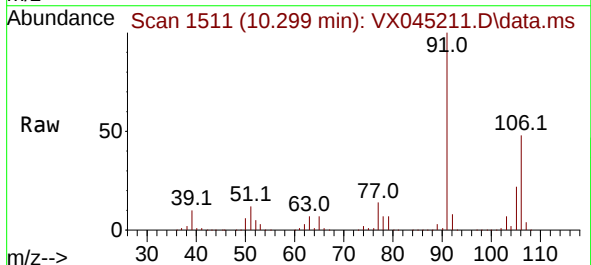
Manual Integrations
APPROVED

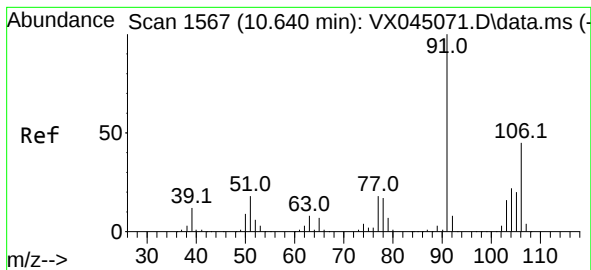
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#68
m/p-Xylenes
Concen: 109.410 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion:106 Resp: 226899
Ion Ratio Lower Upper
106 100
91 208.7 165.4 248.0





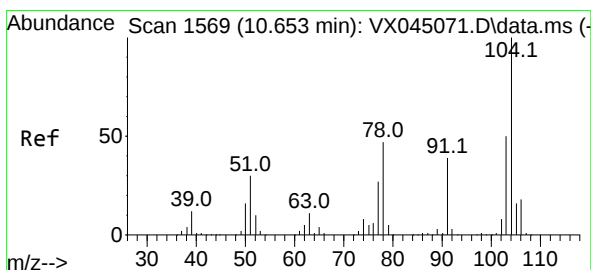
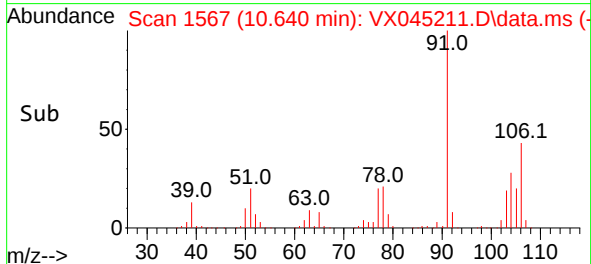
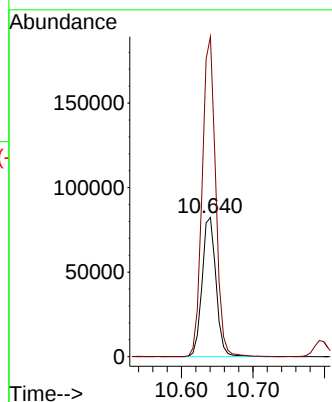
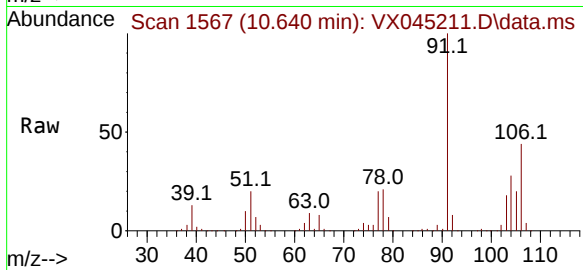
#69
o-Xylene
Concen: 53.202 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 111278
Ion Ratio Lower Upper
106 100
91 222.9 109.9 329.6

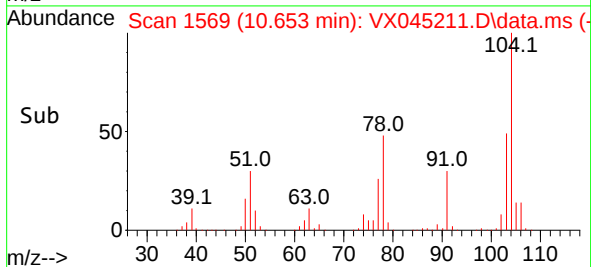
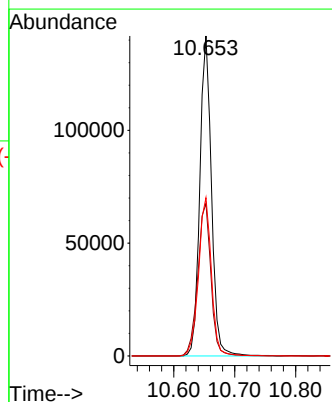
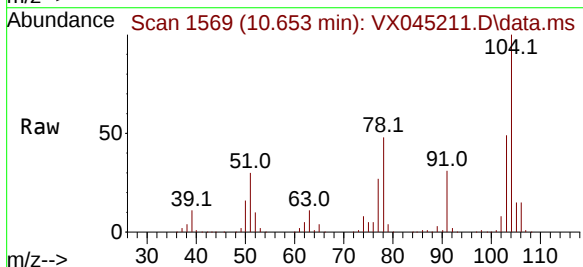
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#70
Styrene
Concen: 55.460 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion:104 Resp: 187697
Ion Ratio Lower Upper
104 100
78 54.1 42.2 63.4
103 54.7 43.8 65.8





#71

Bromoform

Concen: 57.546 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

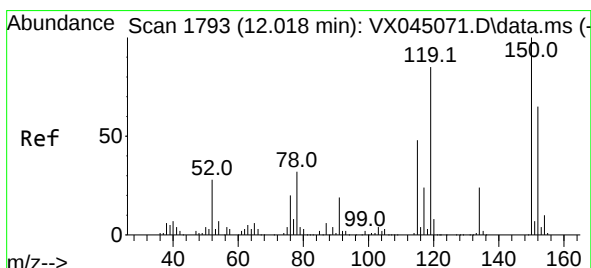
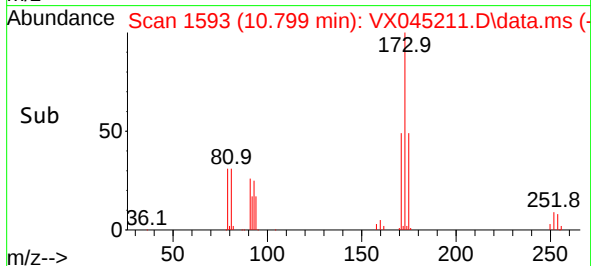
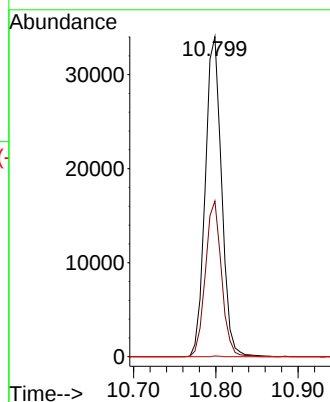
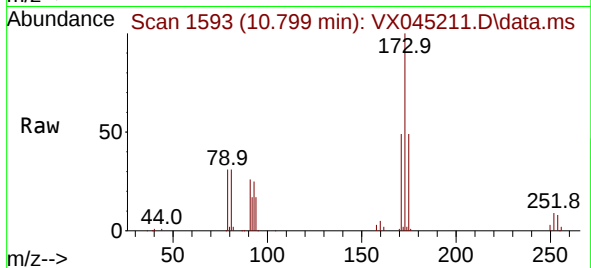
Tgt Ion:	173	Resp:	4698
Ion Ratio	Lower	Upper	
173	100		
175	48.1	24.6	73.6
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

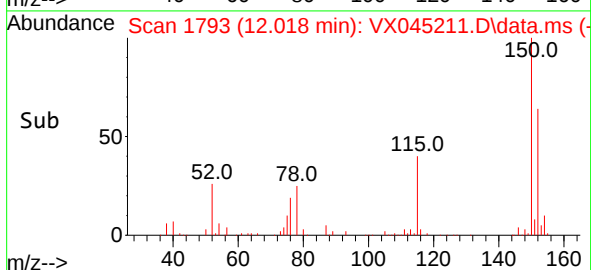
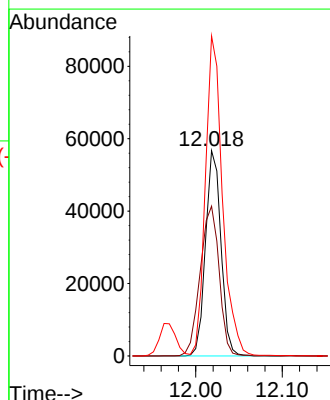
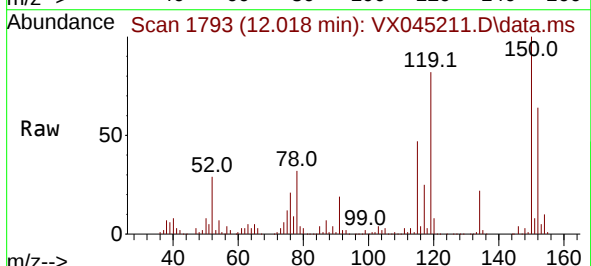
RT: 12.018 min Scan# 1793

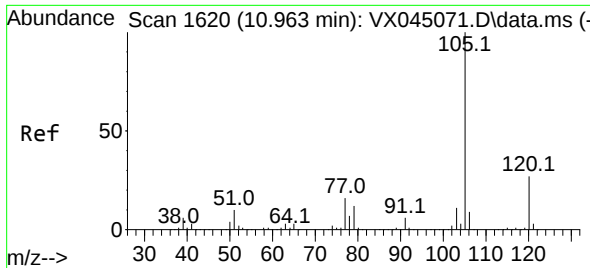
Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Tgt Ion:	152	Resp:	70136
Ion Ratio	Lower	Upper	
152	100		
115	89.7	44.2	132.6
150	172.9	0.0	349.0





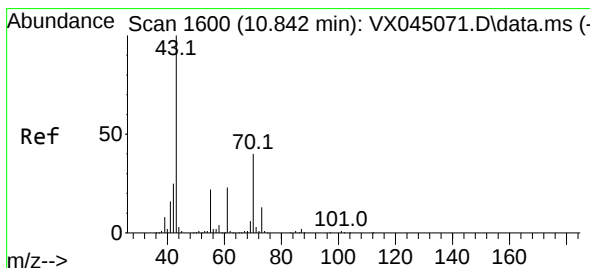
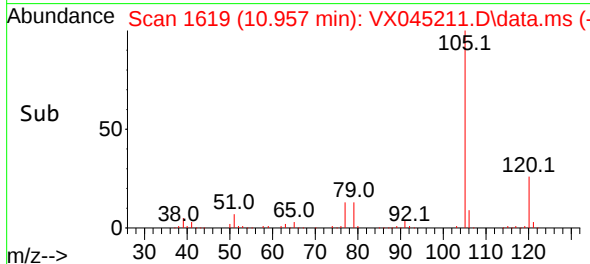
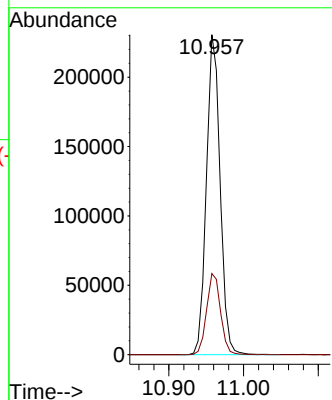
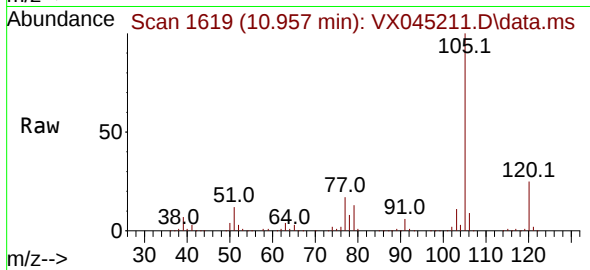
#73
Isopropylbenzene
Concen: 53.524 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 29300
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5

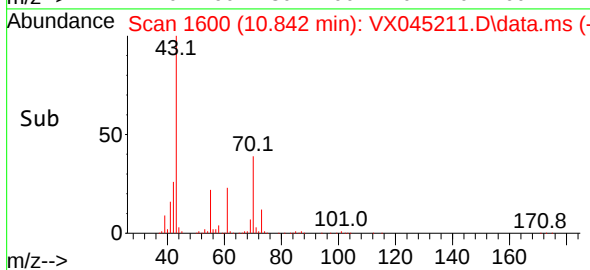
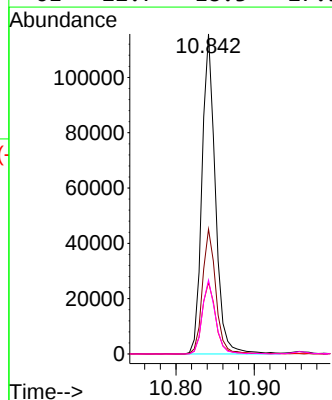
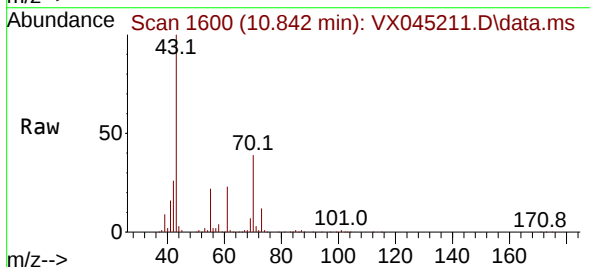
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#74
N-ethyl acetate
Concen: 53.471 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 43 Resp: 137353
Ion Ratio Lower Upper
43 100
70 39.2 31.8 47.6
55 22.8 18.3 27.5
61 22.7 18.3 27.5





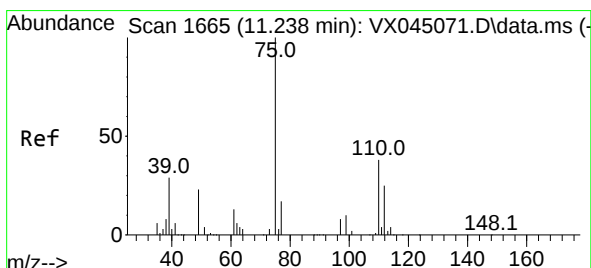
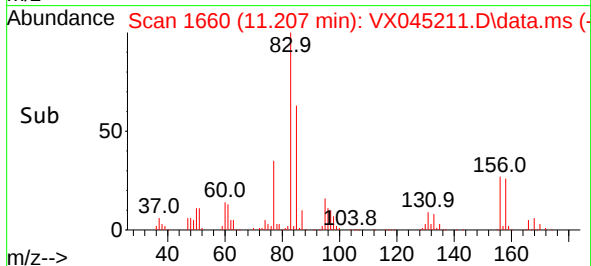
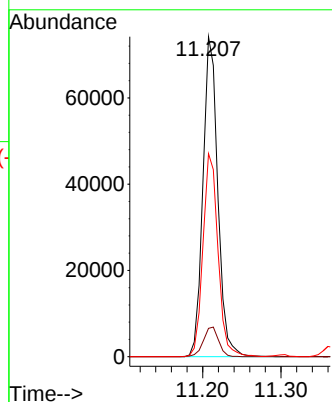
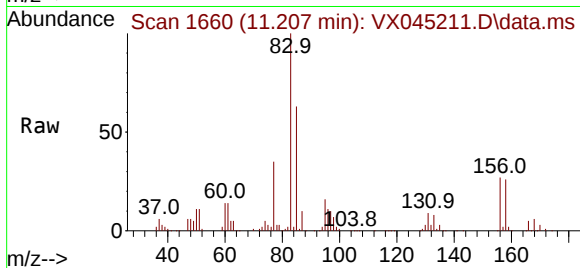
#75
1,1,2,2-Tetrachloroethane
Concen: 48.598 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 97628
Ion Ratio Lower Upper
83 100
131 9.5 4.5 13.4
85 64.3 31.7 95.1

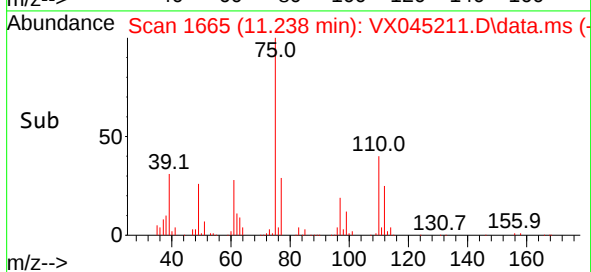
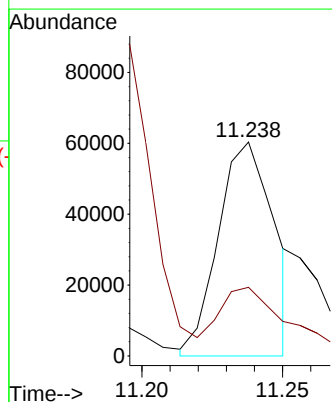
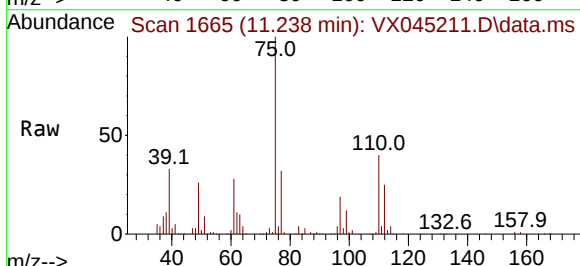
Manual Integrations
APPROVED

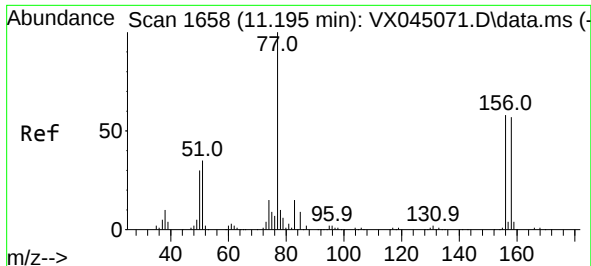
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#76
1,2,3-Trichloropropane
Concen: 50.763 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

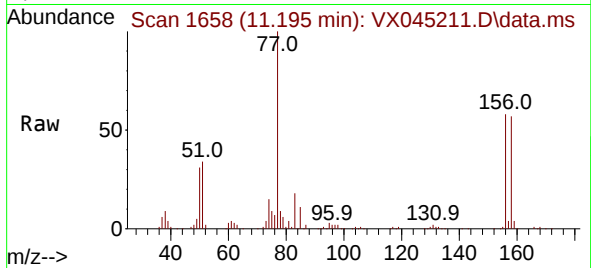
Tgt Ion: 75 Resp: 82866
Ion Ratio Lower Upper
75 100
77 40.3 20.7 62.1





#77
Bromobenzene
Concen: 51.748 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

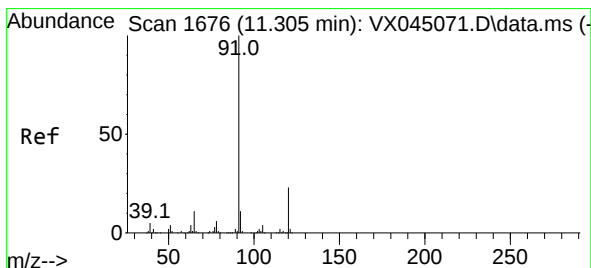
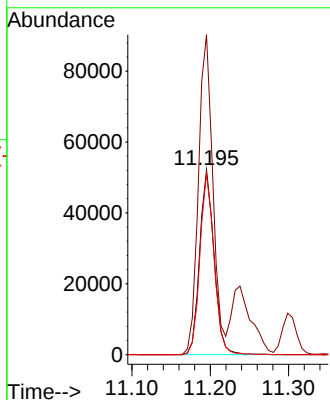
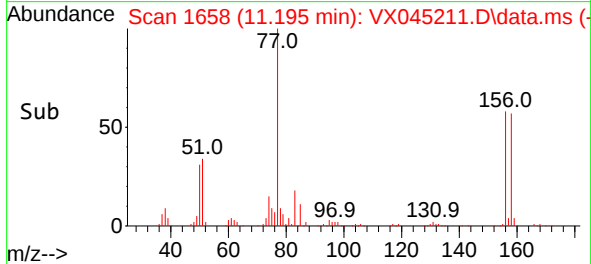
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 66839
Ion Ratio Lower Upper
156 100
77 173.3 85.8 257.4
158 96.2 48.4 145.2

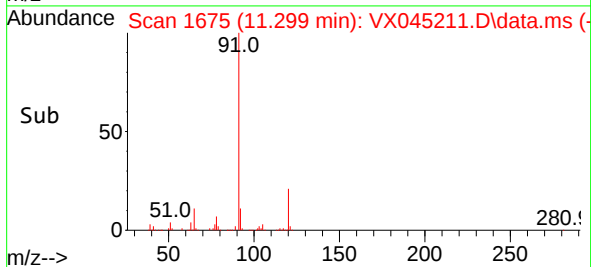
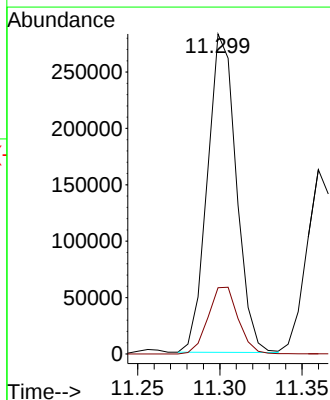
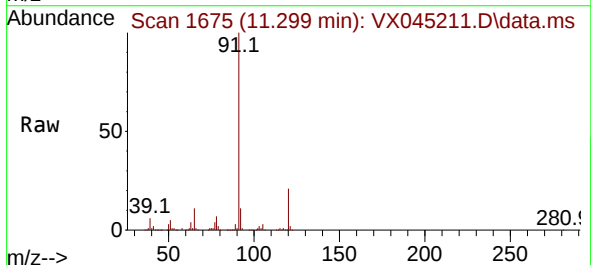
Manual Integrations
APPROVED

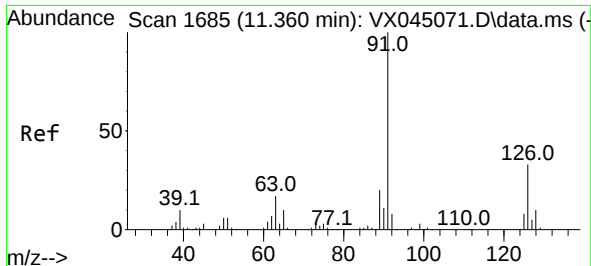
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#78
n-propylbenzene
Concen: 55.815 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion: 91 Resp: 345156
Ion Ratio Lower Upper
91 100
120 22.0 11.2 33.6





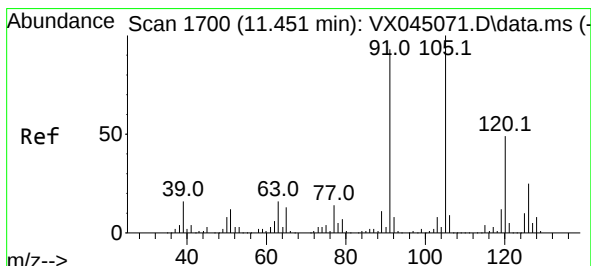
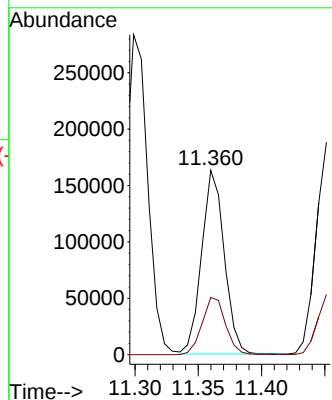
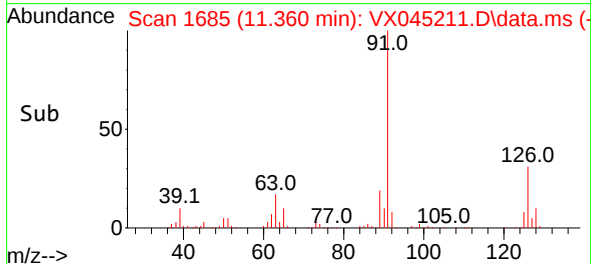
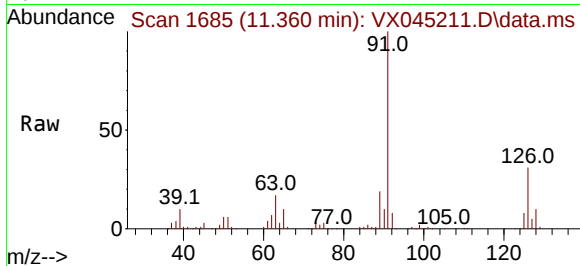
#79
2-Chlorotoluene
Concen: 51.714 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 20366
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.4

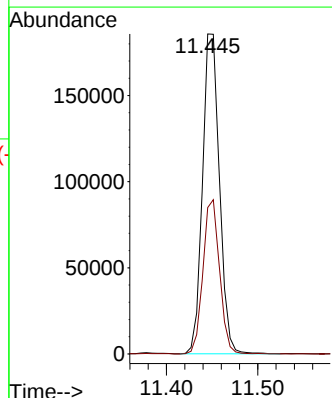
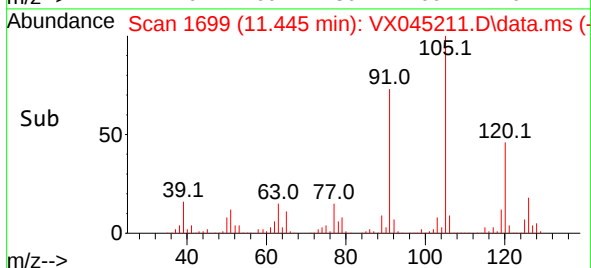
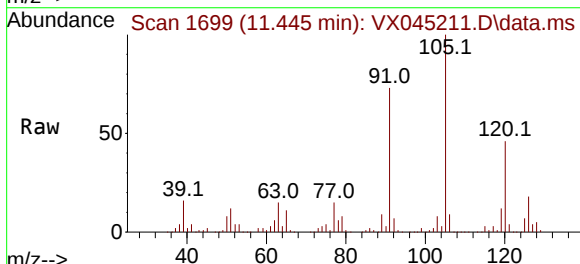
Manual Integrations
APPROVED

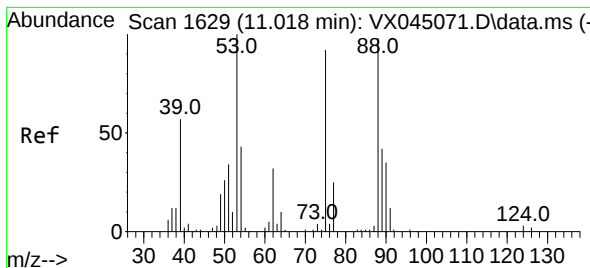
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.036 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Tgt Ion:105 Resp: 239185
Ion Ratio Lower Upper
105 100
120 47.2 24.1 72.2





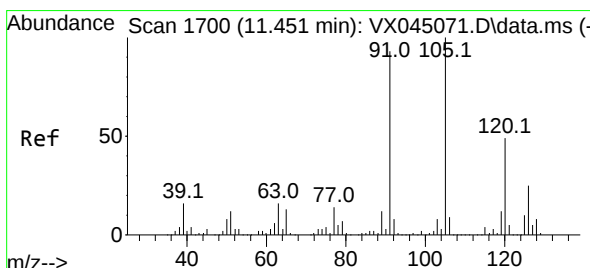
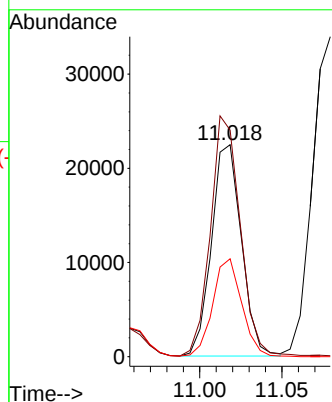
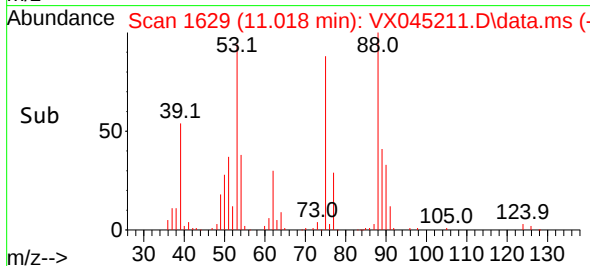
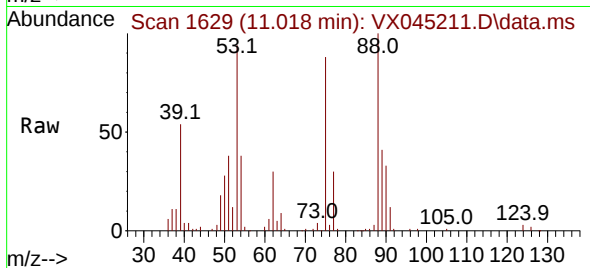
#81
trans-1,4-Dichloro-2-butene
Concen: 59.586 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2842
Ion Ratio Lower Upper
75 100
53 114.6 88.5 132.7
89 45.1 36.2 54.4

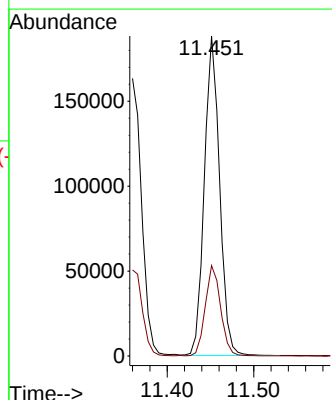
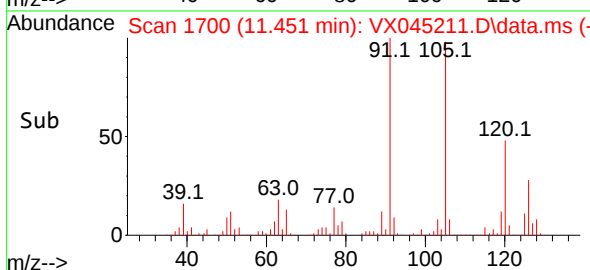
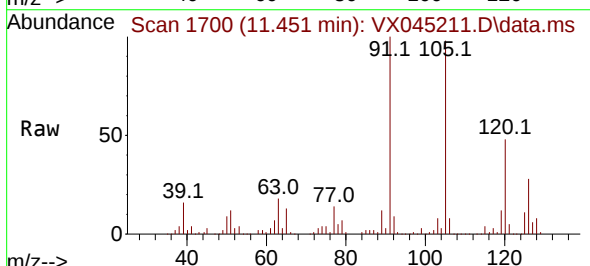
Manual Integrations
APPROVED

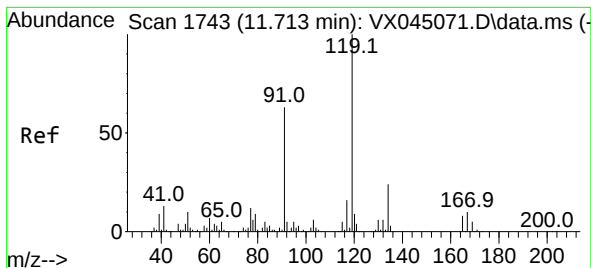
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#82
4-Chlorotoluene
Concen: 53.609 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

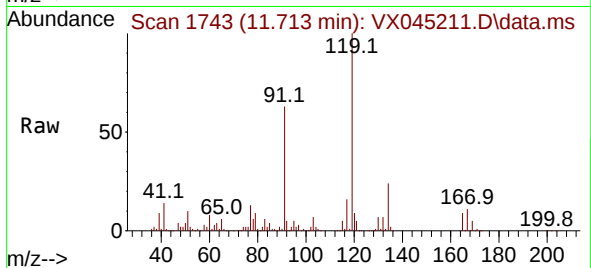
Tgt Ion: 91 Resp: 230104
Ion Ratio Lower Upper
91 100
126 28.4 14.1 42.4





#83
tert-Butylbenzene
Concen: 52.798 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

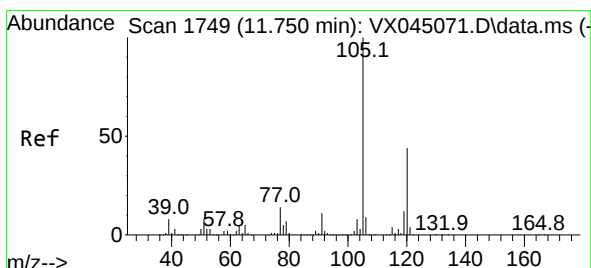
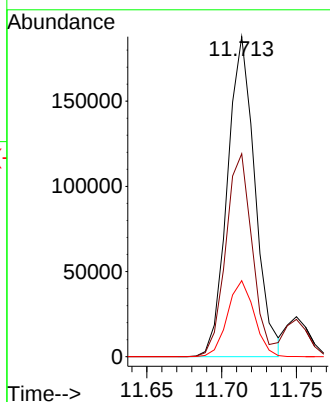
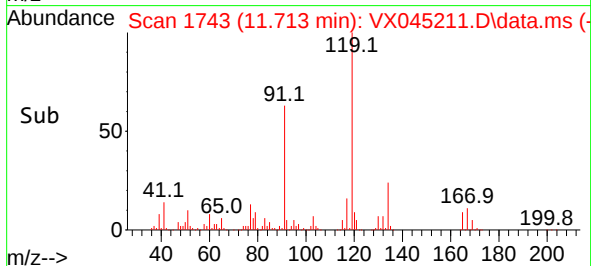
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



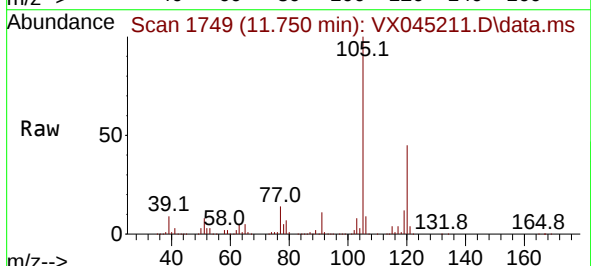
Tgt Ion:119 Resp: 240128
Ion Ratio Lower Upper
119 100
91 60.6 30.7 92.1
134 23.1 11.7 35.0

Manual Integrations
APPROVED

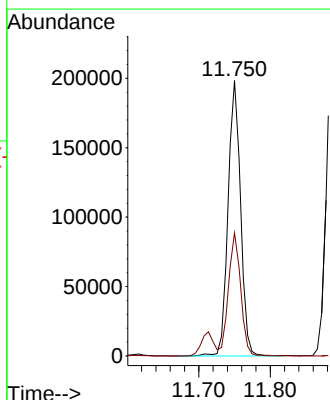
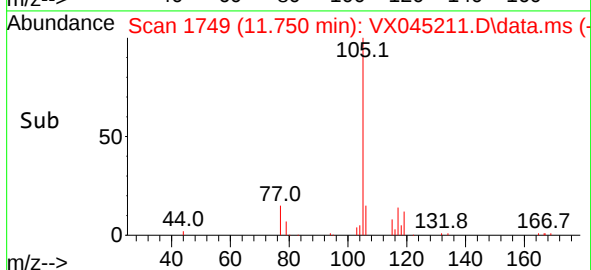
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

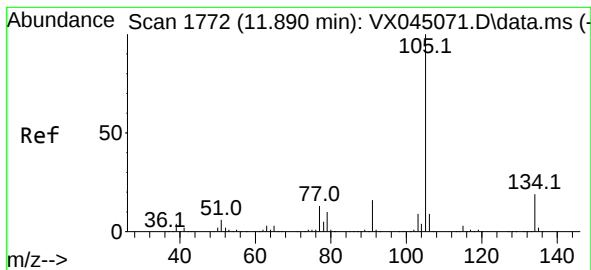


#84
1,2,4-Trimethylbenzene
Concen: 54.029 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59



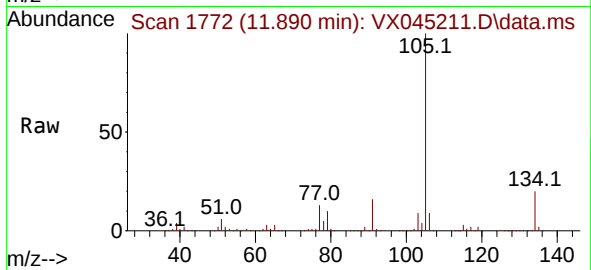
Tgt Ion:105 Resp: 240636
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 56.188 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045211.D
 Acq: 11 Mar 2025 09:59

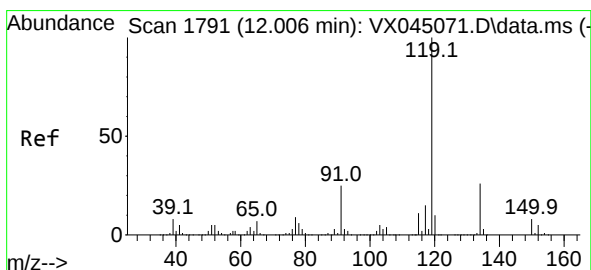
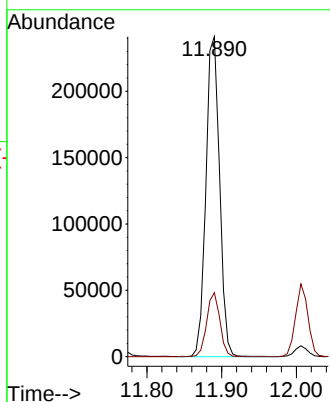
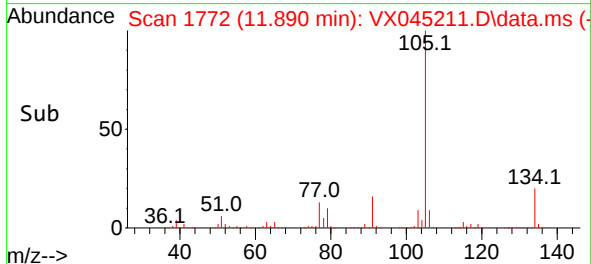
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



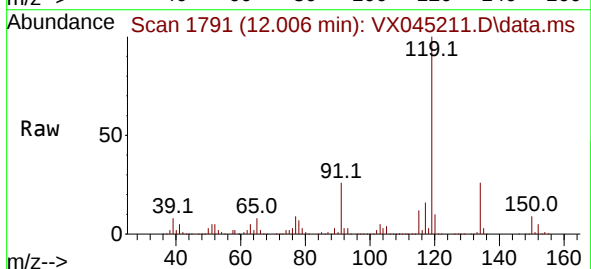
Tgt Ion:105 Resp: 306100
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

Manual Integrations
 APPROVED

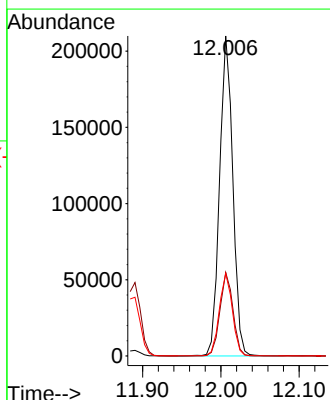
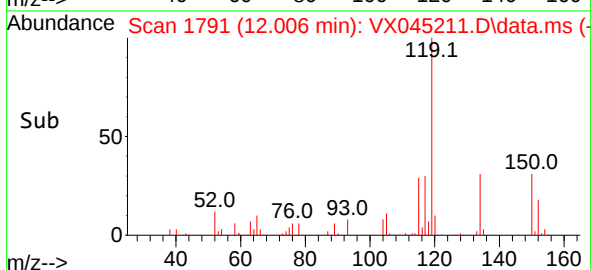
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025

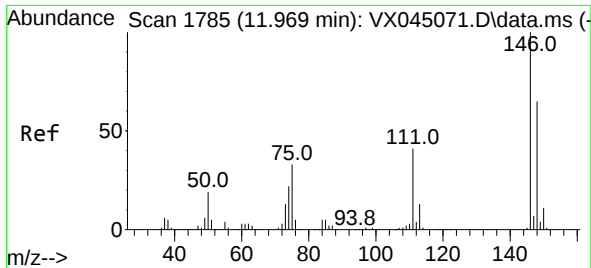


#86
 p-Isopropyltoluene
 Concen: 56.113 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045211.D
 Acq: 11 Mar 2025 09:59



Tgt Ion:119 Resp: 247047
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 25.6 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 51.564 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 11881

Ion Ratio Lower Upper

146 100

111 42.4 21.1 63.4

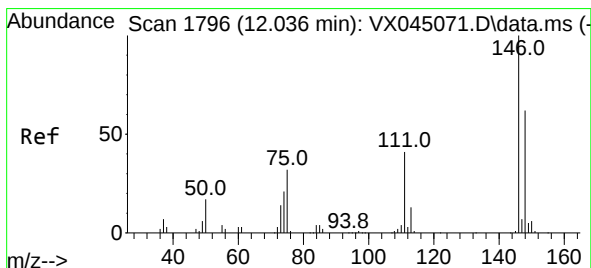
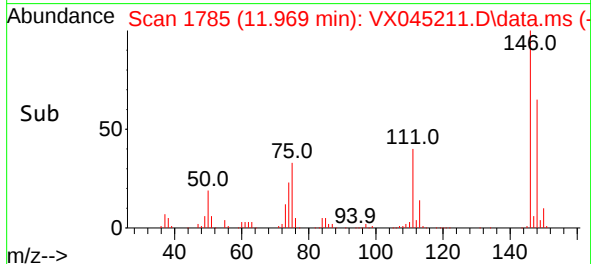
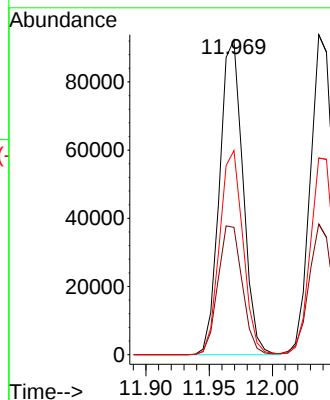
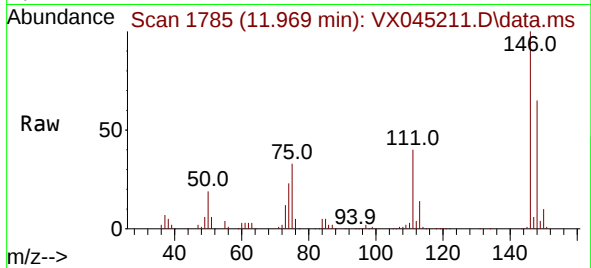
148 64.9 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#88

1,4-Dichlorobenzene

Concen: 51.014 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

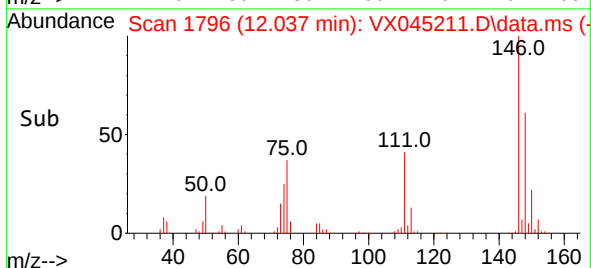
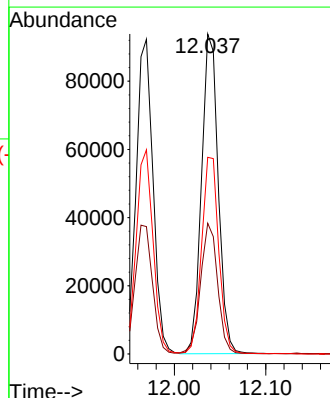
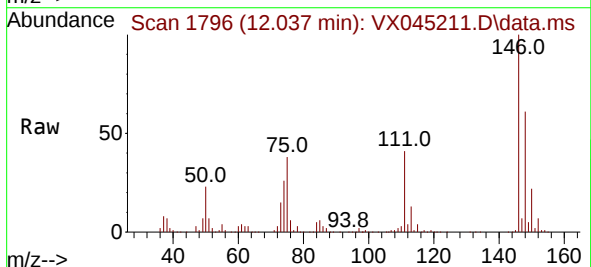
Tgt Ion:146 Resp: 118921

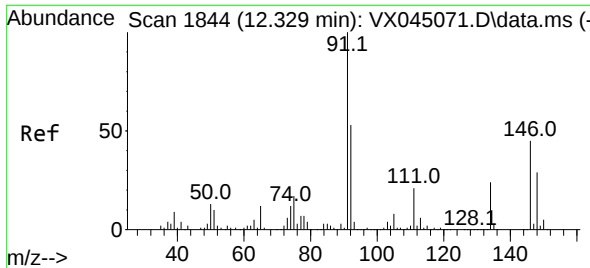
Ion Ratio Lower Upper

146 100

111 41.6 20.2 60.5

148 63.0 31.9 95.9





#89

n-Butylbenzene

Concen: 59.371 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 225130

Ion Ratio Lower Upper

91 100

92 53.3 26.7 80.0

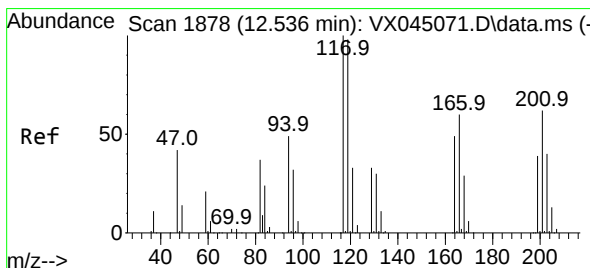
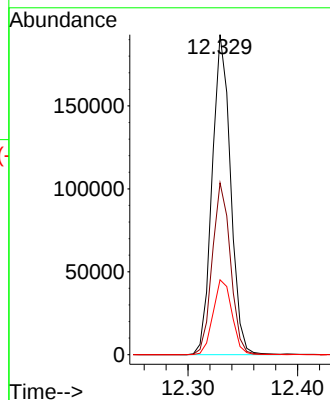
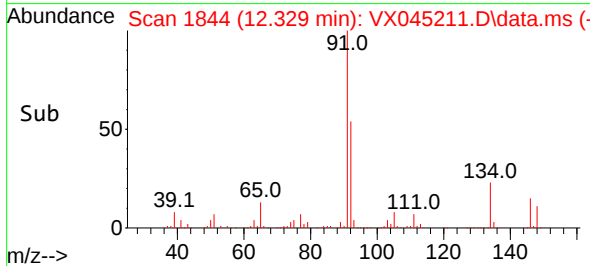
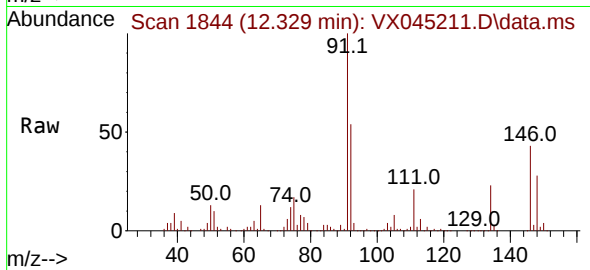
134 24.1 12.2 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#90

Hexachloroethane

Concen: 55.032 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX045211.D

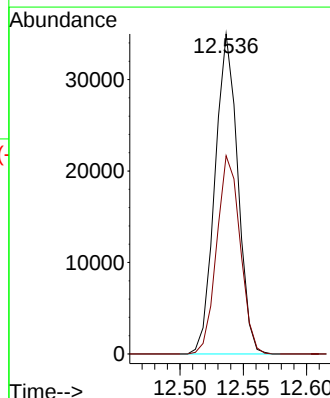
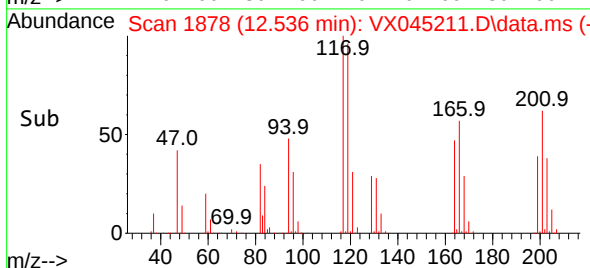
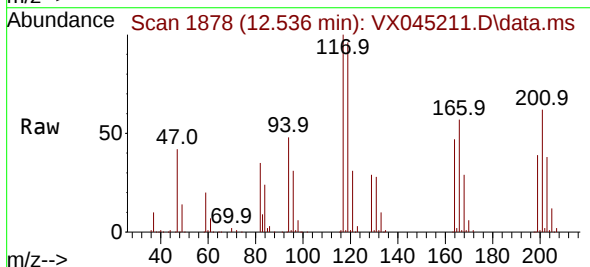
Acq: 11 Mar 2025 09:59

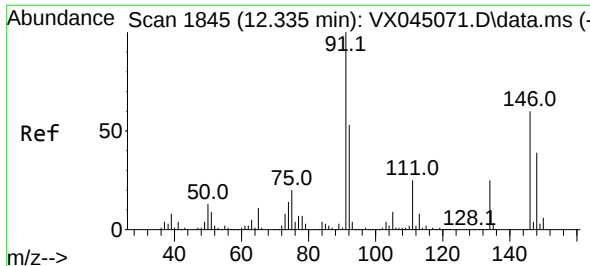
Tgt Ion:117 Resp: 43824

Ion Ratio Lower Upper

117 100

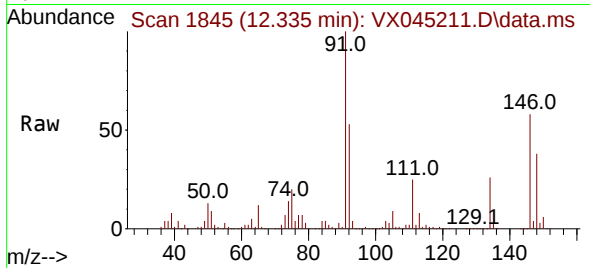
201 63.6 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 50.690 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

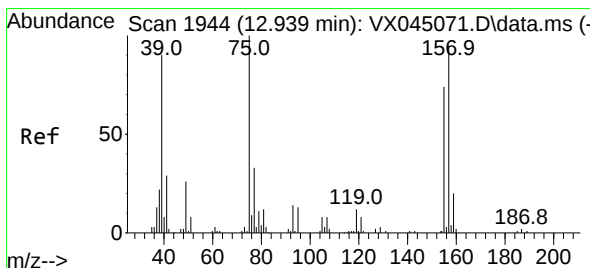
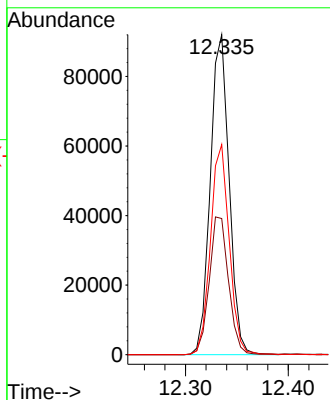
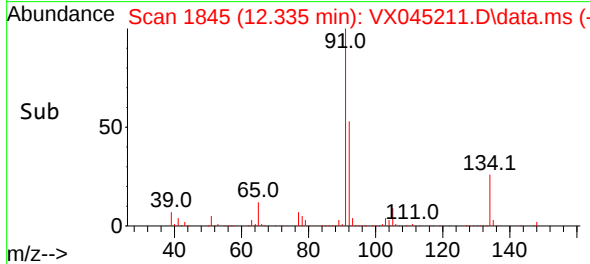
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



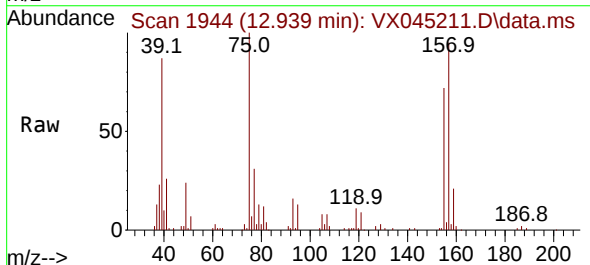
Tgt Ion:146 Resp: 117160
Ion Ratio Lower Upper
146 100
111 44.3 21.6 65.0
148 65.5 31.9 95.9

Manual Integrations
APPROVED

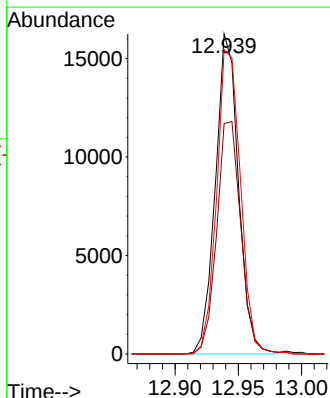
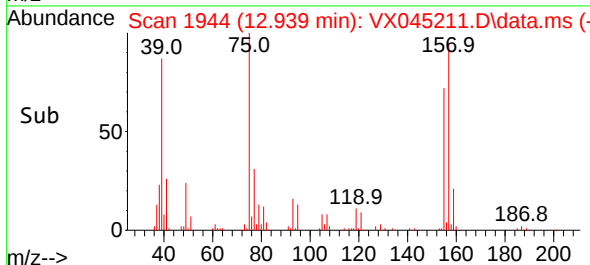
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

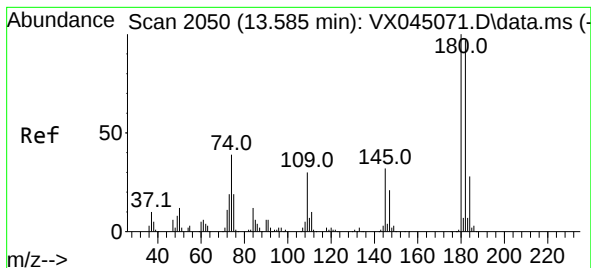


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.534 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59



Tgt Ion: 75 Resp: 20560
Ion Ratio Lower Upper
75 100
155 76.0 39.6 118.7
157 98.2 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 55.234 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

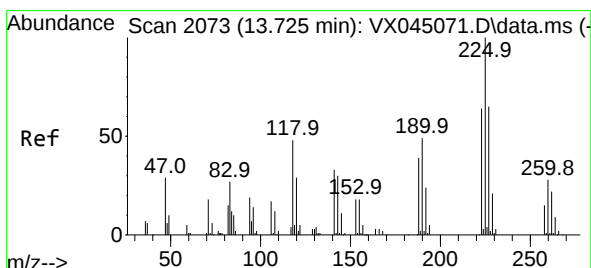
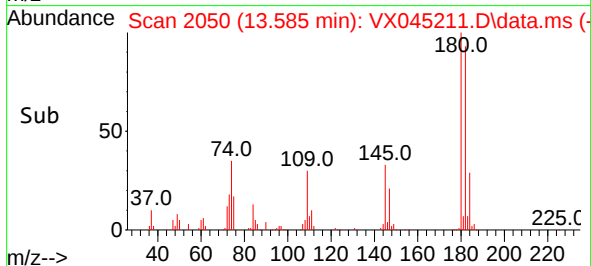
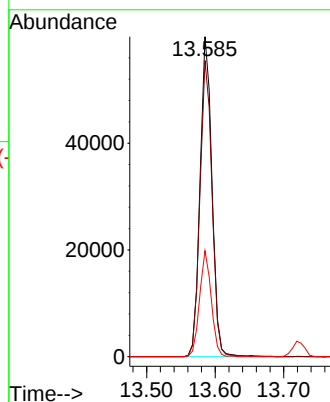
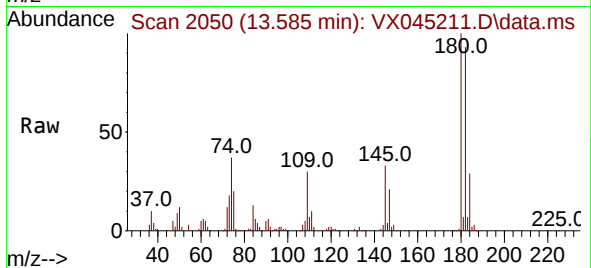
Tgt Ion:180	Resp:	72690
Ion Ratio	Lower	Upper
180	100	
182	93.6	47.3 141.9
145	32.3	16.3 48.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#94

Hexachlorobutadiene

Concen: 56.956 ug/l

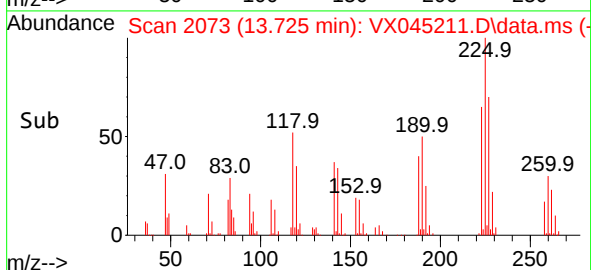
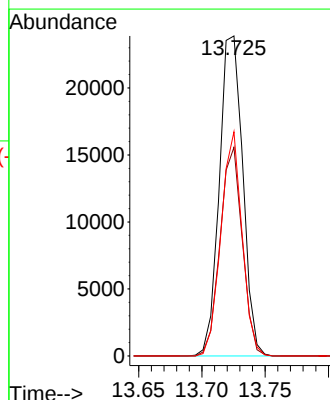
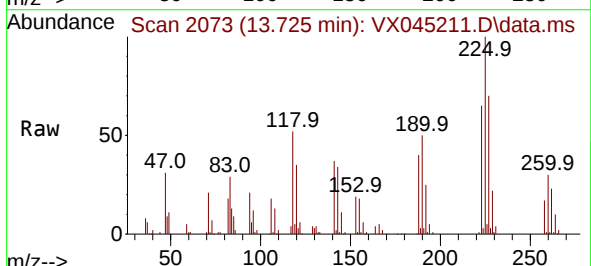
RT: 13.725 min Scan# 2073

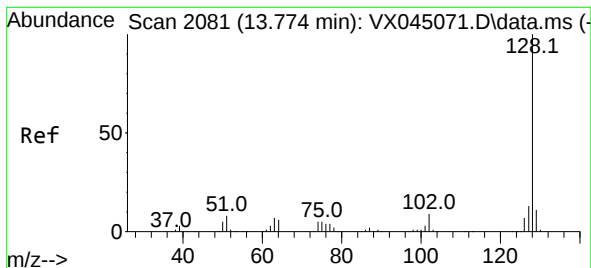
Delta R.T. 0.000 min

Lab File: VX045211.D

Acq: 11 Mar 2025 09:59

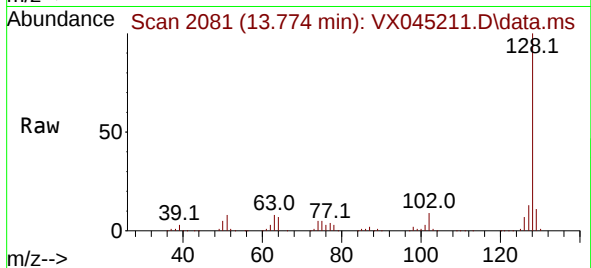
Tgt Ion:225	Resp:	30733
Ion Ratio	Lower	Upper
225	100	
223	61.6	31.9 95.7
227	63.1	31.4 94.0





#95
Naphthalene
Concen: 51.639 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59

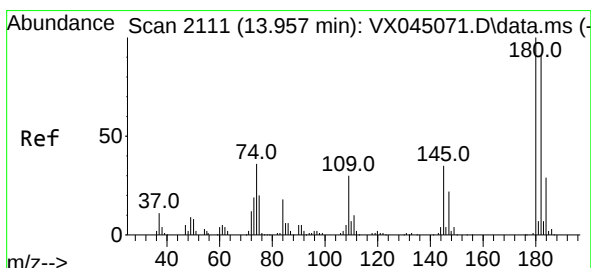
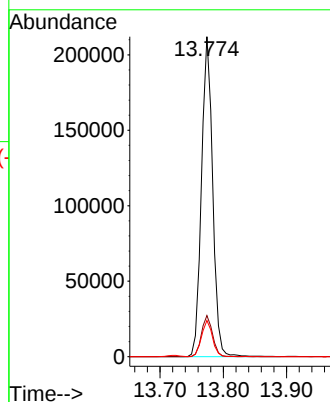
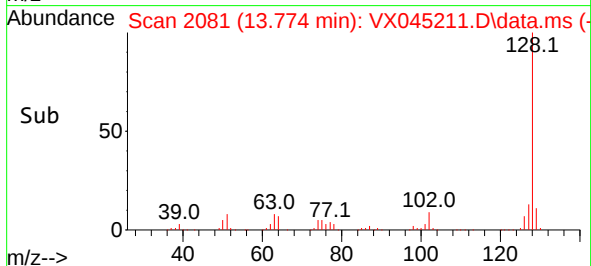
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



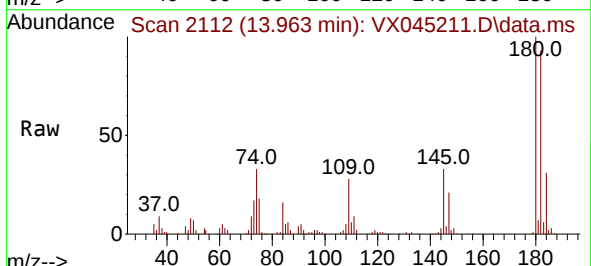
Tgt Ion:128 Resp: 26112
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 52.399 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045211.D
Acq: 11 Mar 2025 09:59



Tgt Ion:180 Resp: 72754
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.6
145 34.9 17.0 50.9

