

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032625\
 Data File : VX045457.D
 Acq On : 26 Mar 2025 10:03
 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 03/28/2025
 Supervised By : Mahesh Dadoda 03/28/2025

Quant Time: Mar 27 01:31:35 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	5.538	168	91964	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	157025	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	77877	53.238	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.480%			
35) Dibromofluoromethane	5.373	113	56697	53.998	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.000%			
50) Toluene-d8	8.641	98	191234	50.238	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.480%			
62) 4-Bromofluorobenzene	11.079	95	69676	55.238	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	73314	63.332	ug/l	96
3) Chloromethane	1.307	50	70570	49.814	ug/l	95
4) Vinyl Chloride	1.374	62	66907	47.609	ug/l	97
5) Bromomethane	1.593	94	31086	56.268	ug/l	98
6) Chloroethane	1.666	64	36275	55.960	ug/l	96
7) Trichlorofluoromethane	1.868	101	99236	53.340	ug/l	99
8) Diethyl Ether	2.130	74	31961	43.921	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.313	101	62646	58.611	ug/l	98
10) Methyl Iodide	2.441	142	73438	54.980	ug/l	92
11) Tert butyl alcohol	2.977	59	53162	191.864	ug/l	96
12) 1,1-Dichloroethene	2.307	96	58592	51.849	ug/l	99
13) Acrolein	2.233	56	88940	277.678	ug/l	99
14) Allyl chloride	2.654	41	109634	54.503	ug/l	93
15) Acrylonitrile	3.063	53	185146	249.317	ug/l	99
16) Acetone	2.380	43	197870	291.541	ug/l	97
17) Carbon Disulfide	2.502	76	149890	49.800	ug/l	97
18) Methyl Acetate	2.703	43	76403	46.794	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	191625	50.544	ug/l	97
20) Methylene Chloride	2.782	84	66154	49.206	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	58856	52.719	ug/l	97
22) Diisopropyl ether	3.757	45	210362	51.421	ug/l	92
23) Vinyl Acetate	3.715	43	941179	275.687	ug/l	98
24) 1,1-Dichloroethane	3.599	63	118227	51.567	ug/l	99
25) 2-Butanone	4.550	43	270734	265.005	ug/l	97
26) 2,2-Dichloropropane	4.465	77	84239	78.333	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	69593	50.497	ug/l	91
28) Bromochloromethane	4.891	49	56942	52.106	ug/l	96
29) Tetrahydrofuran	5.001	42	167731	244.481	ug/l	99
30) Chloroform	5.080	83	119559	52.483	ug/l	100
31) Cyclohexane	5.458	56	105662	53.091	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	100867	54.822	ug/l	98
36) 1,1-Dichloropropene	5.678	75	79534	55.234	ug/l	100
37) Ethyl Acetate	4.709	43	100294	54.053	ug/l	99
38) Carbon Tetrachloride	5.666	117	86484	59.159	ug/l	98
39) Methylcyclohexane	7.373	83	104410	60.514	ug/l	98
40) Benzene	6.025	78	239569	52.687	ug/l	100

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Quant Time: Mar 27 01:31:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	55124	54.944	ug/l	97
42) 1,2-Dichloroethane	6.074	62	96212	58.759	ug/l	97
43) Isopropyl Acetate	6.336	43	154279	56.230	ug/l	98
44) Trichloroethene	7.117	130	57002	53.389	ug/l	99
45) 1,2-Dichloropropane	7.428	63	61406	52.525	ug/l	94
46) Dibromomethane	7.574	93	46702	56.518	ug/l	96
47) Bromodichloromethane	7.818	83	93673	57.794	ug/l	98
48) Methyl methacrylate	7.690	41	78351	56.921	ug/l	94
49) 1,4-Dioxane	7.659	88	27963	963.058	ug/l	94
51) 4-Methyl-2-Pentanone	8.568	43	509094	276.344	ug/l	99
52) Toluene	8.714	92	145998	54.725	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	82038	60.544	ug/l	95
54) cis-1,3-Dichloropropene	8.360	75	94158	59.591	ug/l	91
55) 1,1,2-Trichloroethane	9.147	97	58300	53.083	ug/l	99
56) Ethyl methacrylate	9.116	69	94629	56.682	ug/l	93
57) 1,3-Dichloropropane	9.305	76	102224	53.783	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	235219	288.833	ug/l	99
59) 2-Hexanone	9.427	43	374413	280.504	ug/l	97
60) Dibromochloromethane	9.519	129	65721	57.231	ug/l	98
61) 1,2-Dibromoethane	9.604	107	60652	55.319	ug/l	97
64) Tetrachloroethene	9.269	164	48945	55.374	ug/l	96
65) Chlorobenzene	10.073	112	156208	53.491	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	52947	54.444	ug/l	98
67) Ethyl Benzene	10.189	91	284774	55.966	ug/l	100
68) m/p-Xylenes	10.299	106	208248	111.797	ug/l	96
69) o-Xylene	10.640	106	101072	53.800	ug/l	96
70) Styrene	10.653	104	171021	56.260	ug/l	97
71) Bromoform	10.799	173	41772	56.960	ug/l #	98
73) Isopropylbenzene	10.957	105	269678	54.796	ug/l	99
74) N-amyl acetate	10.842	43	128614	55.694	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	89098	49.335	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	76552m	52.163	ug/l	
77) Bromobenzene	11.195	156	59631	51.354	ug/l	94
78) n-propylbenzene	11.299	91	317882	57.179	ug/l	99
79) 2-Chlorotoluene	11.360	91	187848	53.055	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	222923	56.020	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24810	57.854	ug/l	89
82) 4-Chlorotoluene	11.451	91	216854	56.197	ug/l	98
83) tert-Butylbenzene	11.713	119	221337	54.134	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	222016	55.448	ug/l	98
85) sec-Butylbenzene	11.890	105	281382	57.451	ug/l	98
86) p-Isopropyltoluene	12.006	119	230228	58.167	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	108155	52.211	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	107631	51.357	ug/l	98
89) n-Butylbenzene	12.329	91	207819	60.962	ug/l	99
90) Hexachloroethane	12.536	117	40417	56.455	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	106186	51.100	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19761	56.165	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	62951	53.203	ug/l	98
94) Hexachlorobutadiene	13.719	225	27769	57.244	ug/l	97
95) Naphthalene	13.774	128	232852	51.221	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	64177	51.414	ug/l	98

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MSVOA_X
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VSTDCCC050

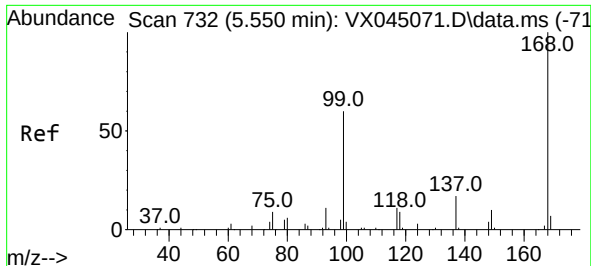
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/28/2025

Quant Time: Mar 27 01:31:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

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



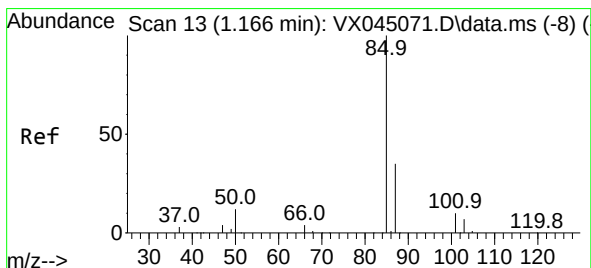
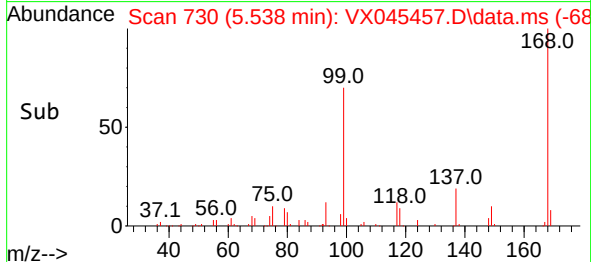
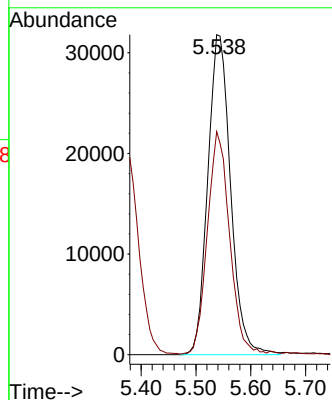
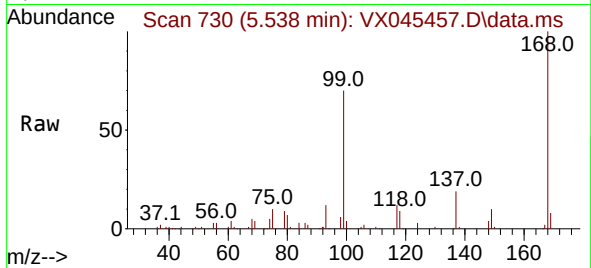
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 91964
Ion Ratio Lower Upper
168 100
99 69.5 48.2 72.4

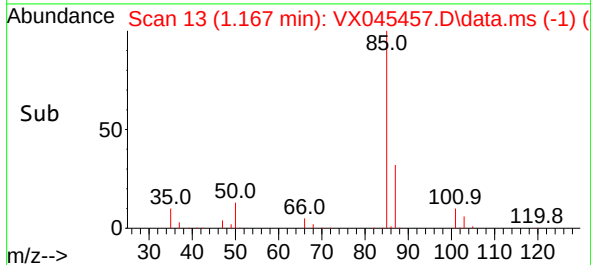
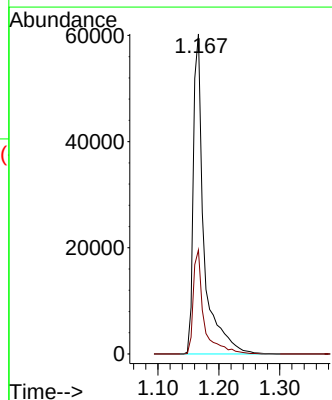
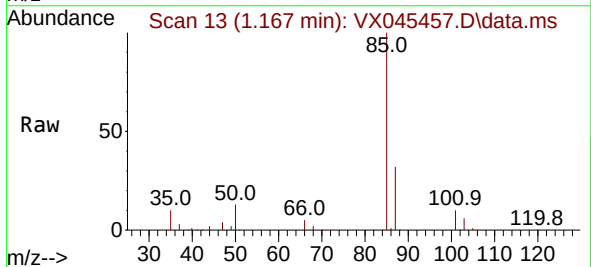
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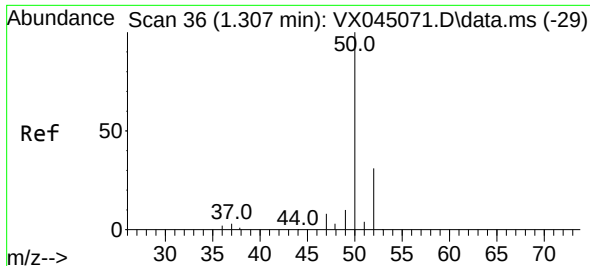
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#2
Dichlorodifluoromethane
Concen: 63.332 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Tgt Ion: 85 Resp: 73314
Ion Ratio Lower Upper
85 100
87 32.5 17.4 52.3





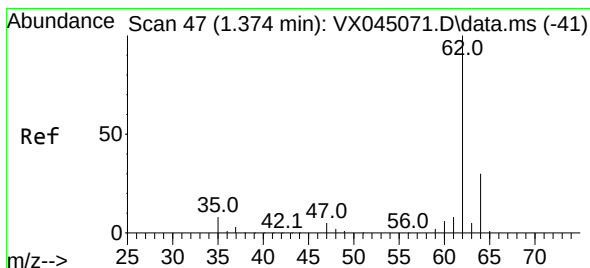
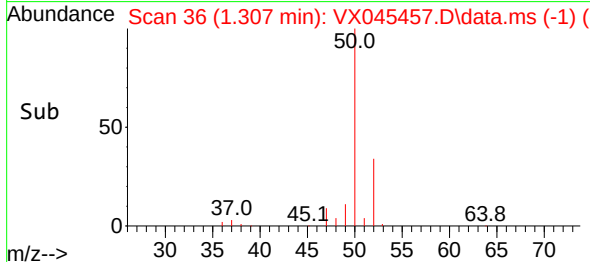
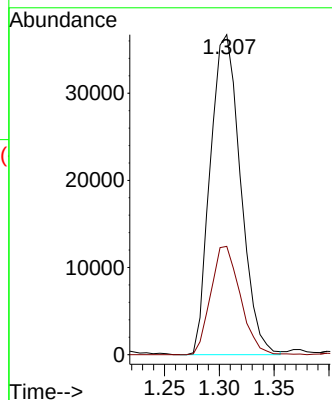
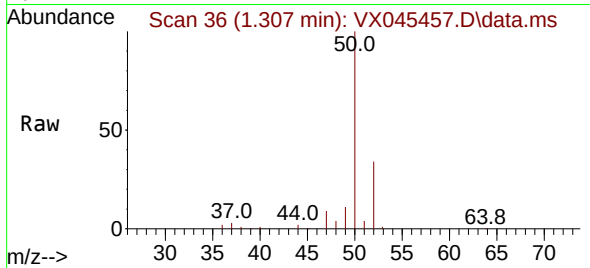
#3
Chloromethane
Concen: 49.814 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 70570
Ion Ratio Lower Upper
50 100
52 33.9 25.0 37.4

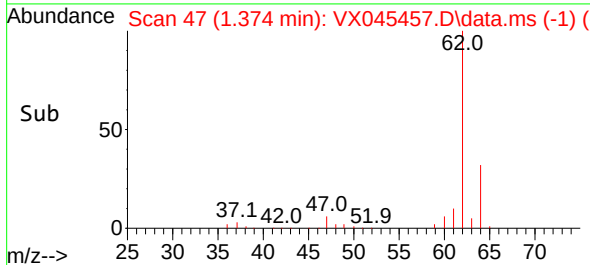
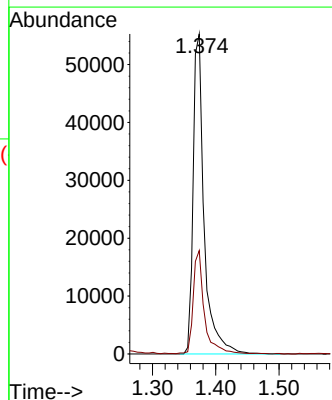
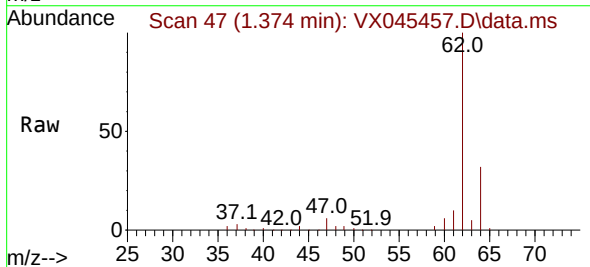
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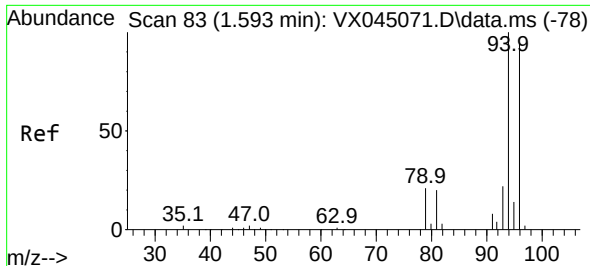
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#4
Vinyl Chloride
Concen: 47.609 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

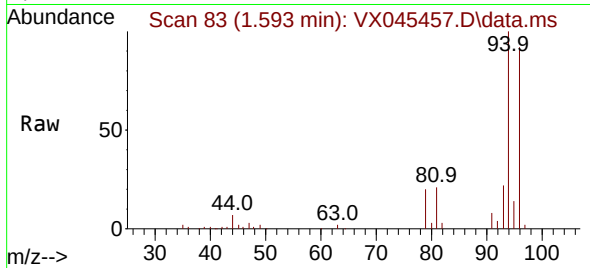
Tgt Ion: 62 Resp: 66907
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5





#5
Bromomethane
Concen: 56.268 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

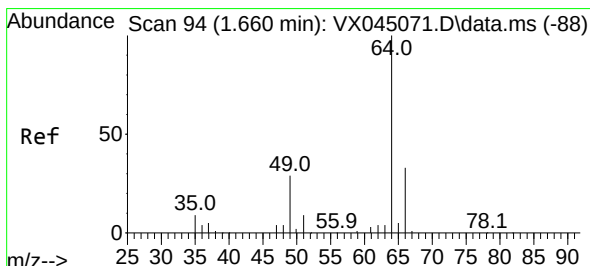
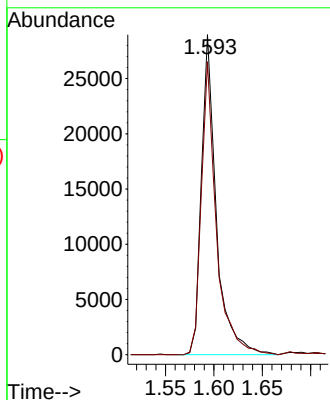
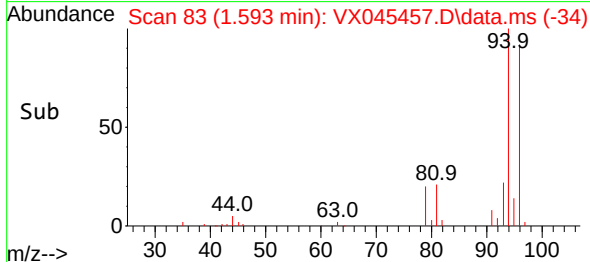
Instrument :
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Tgt Ion: 94 Resp: 31080
Ion Ratio Lower Upper
94 100
96 91.6 75.0 112.4

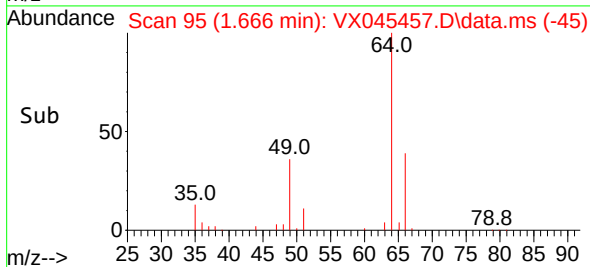
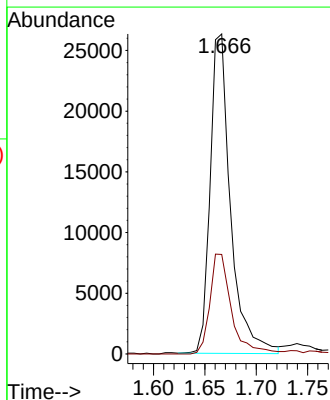
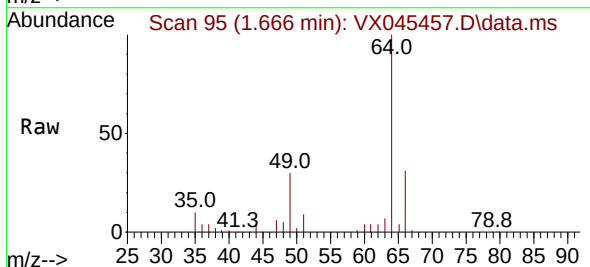
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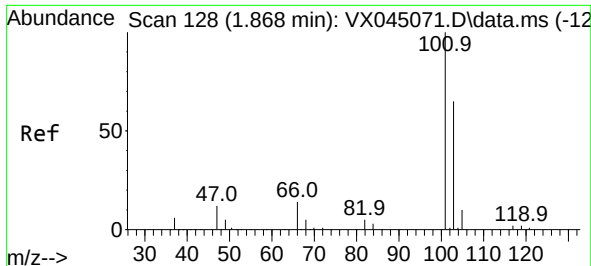
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#6
Chloroethane
Concen: 55.960 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

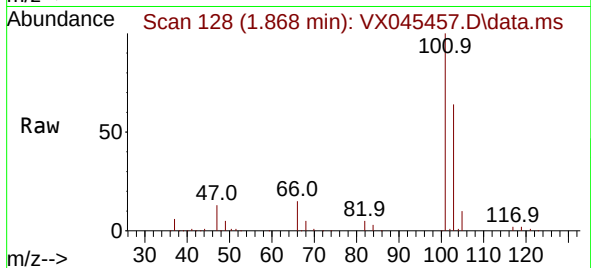
Tgt Ion: 64 Resp: 36275
Ion Ratio Lower Upper
64 100
66 31.2 26.7 40.1





#7
Trichlorofluoromethane
Concen: 53.340 ug/l
RT: 1.868 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

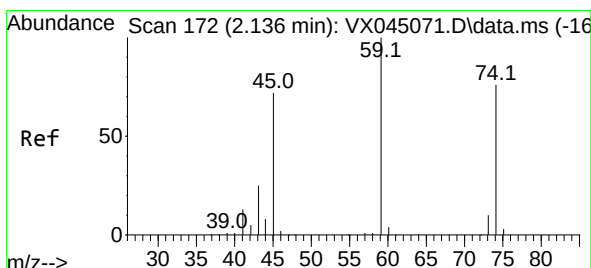
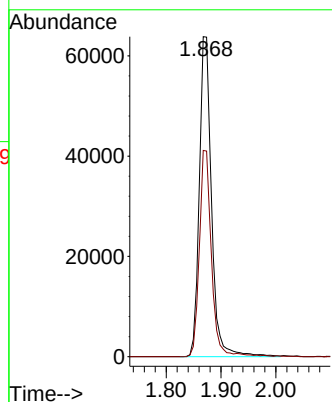
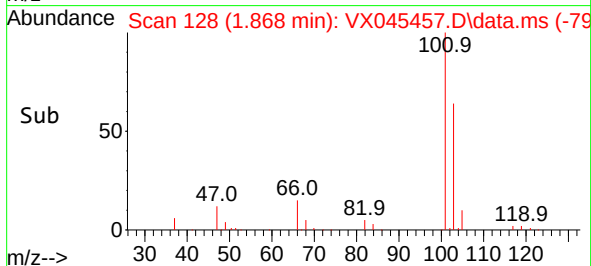
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



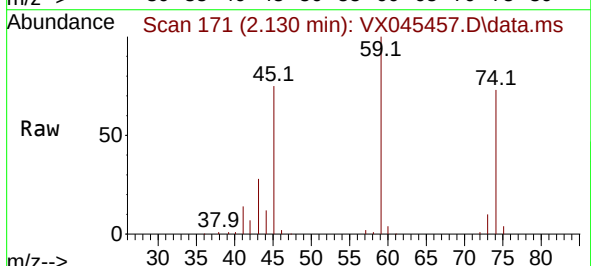
Tgt Ion:101 Resp: 99230
Ion Ratio Lower Upper
101 100
103 64.5 52.1 78.1

Manual Integrations
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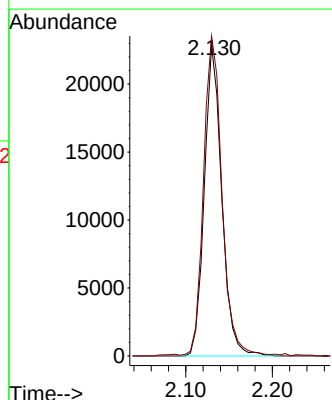
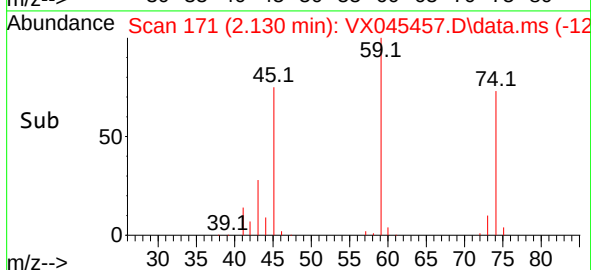
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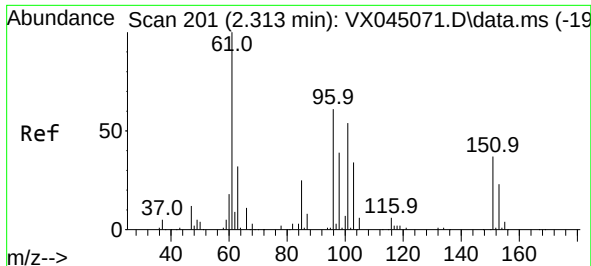


#8
Diethyl Ether
Concen: 43.921 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03



Tgt Ion: 74 Resp: 31961
Ion Ratio Lower Upper
74 100
45 109.1 51.5 154.5





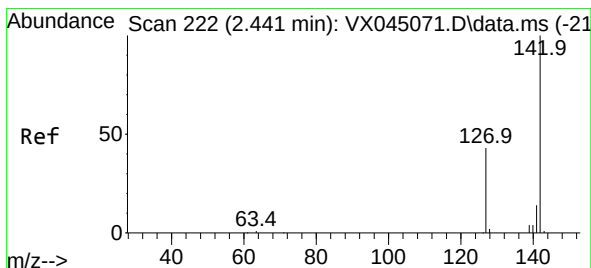
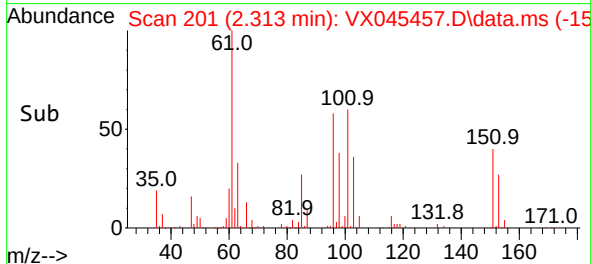
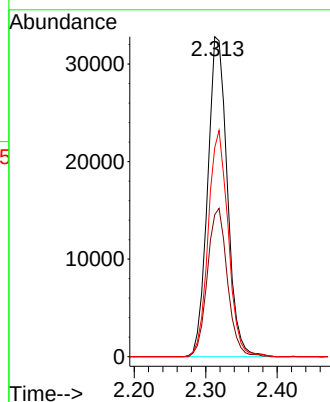
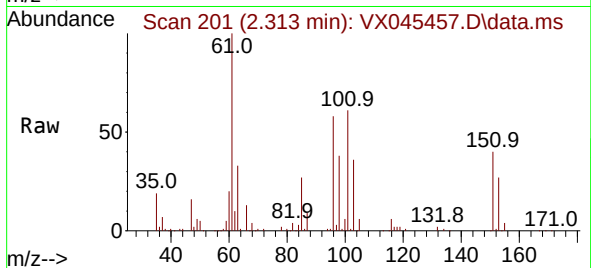
#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.611 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 62640
Ion Ratio Lower Upper
101 100
85 47.3 36.2 54.4
151 71.7 56.4 84.6

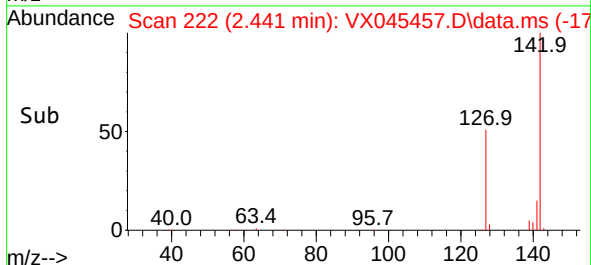
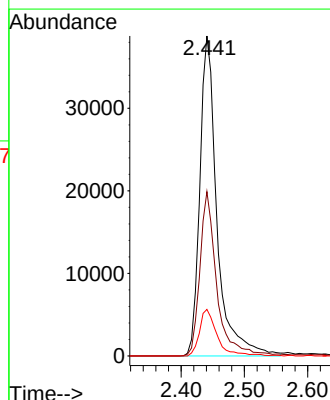
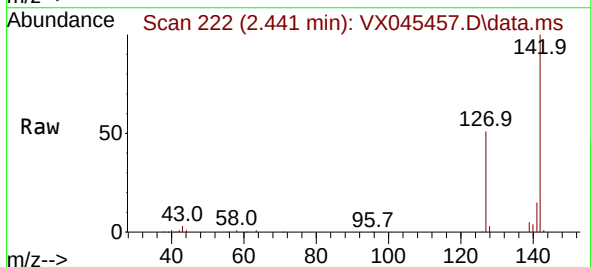
Manual Integrations
APPROVED

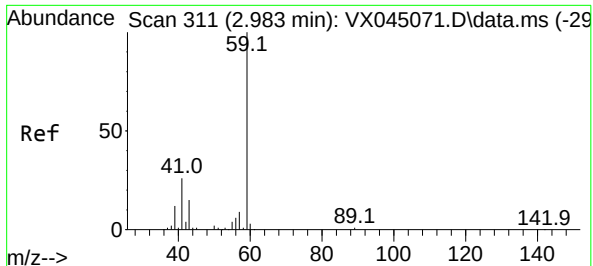
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#10
Methyl Iodide
Concen: 54.980 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Tgt Ion:142 Resp: 73438
Ion Ratio Lower Upper
142 100
127 50.6 35.4 53.2
141 14.9 11.6 17.4





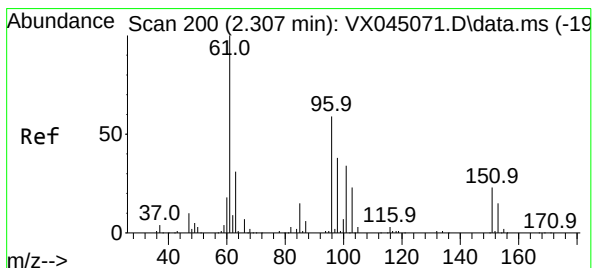
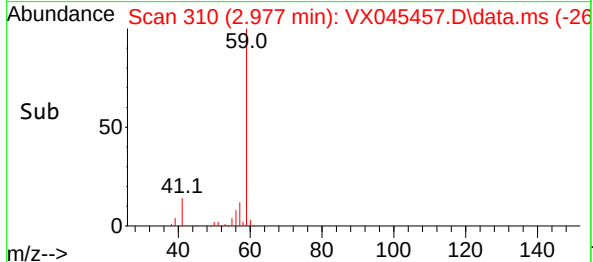
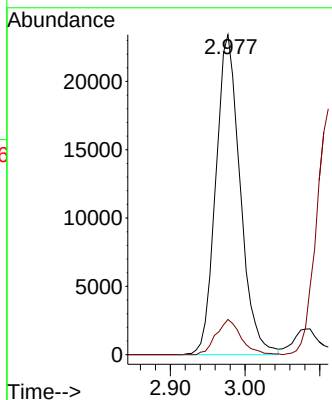
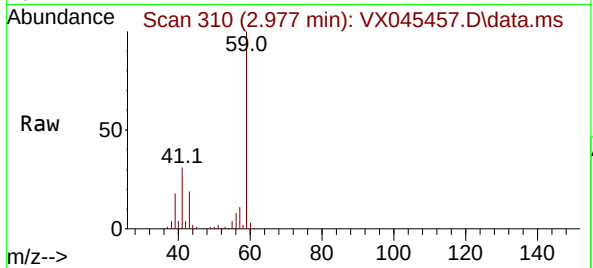
#11
Tert butyl alcohol
Concen: 191.864 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 53162
Ion Ratio Lower Upper
59 100
57 11.2 7.8 11.8

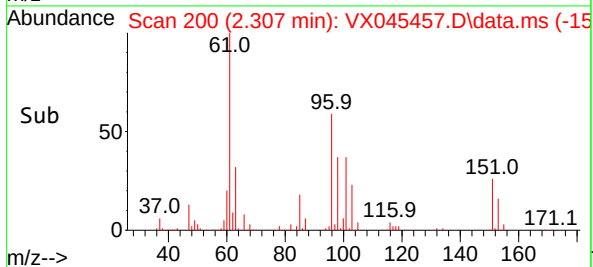
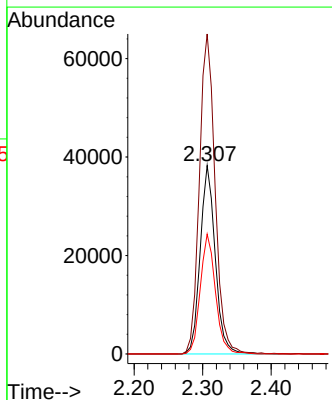
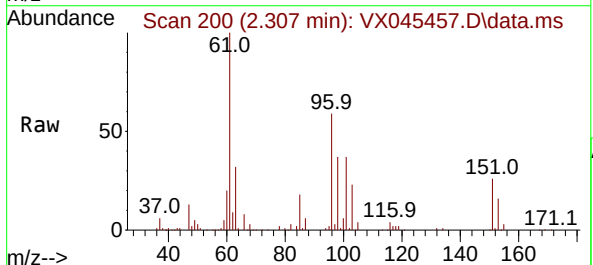
Manual Integrations
APPROVED

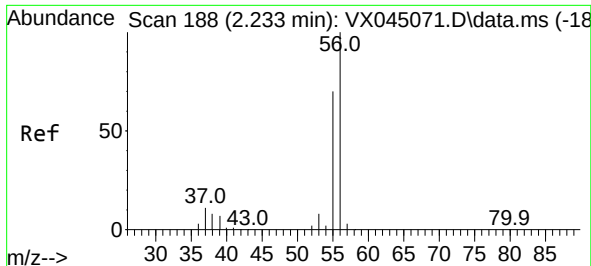
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#12
1,1-Dichloroethene
Concen: 51.849 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

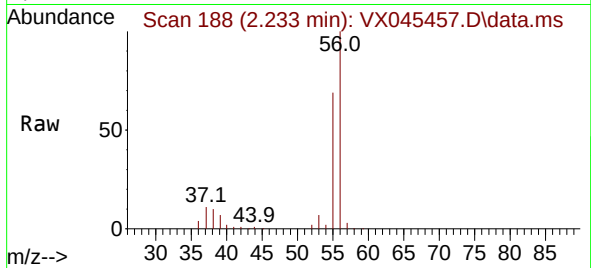
Tgt Ion: 96 Resp: 58592
Ion Ratio Lower Upper
96 100
61 169.7 134.6 202.0
98 63.6 51.0 76.6





#13
Acrolein
Concen: 277.678 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

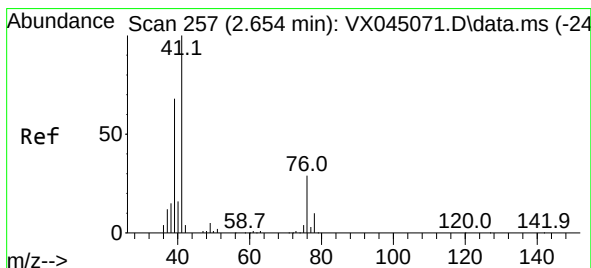
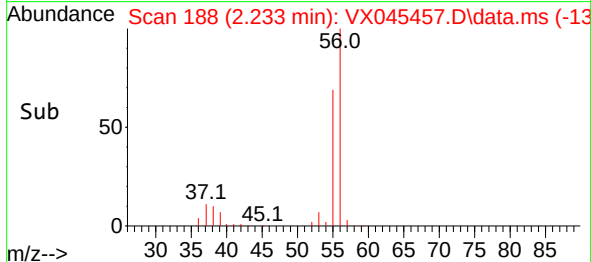
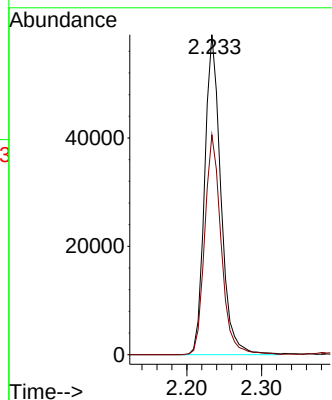
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 88940
Ion Ratio Lower Upper
56 100
55 69.8 56.2 84.4

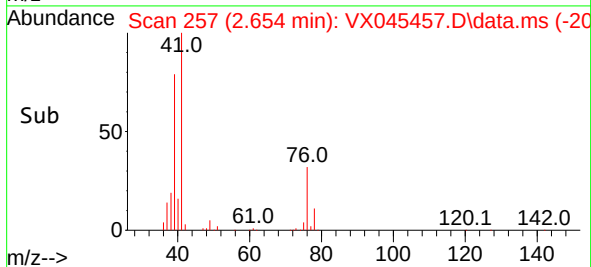
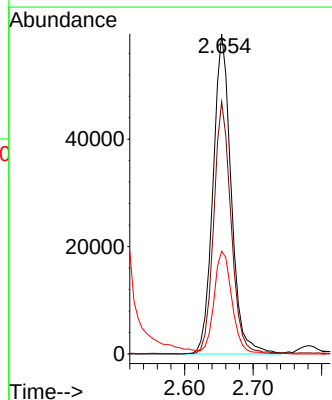
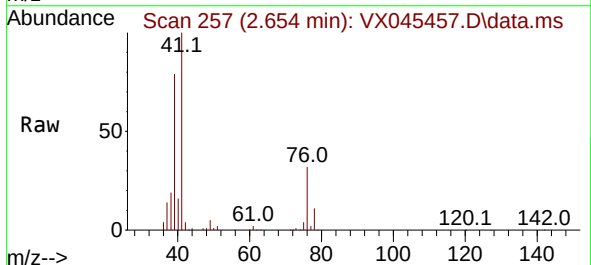
Manual Integrations
APPROVED

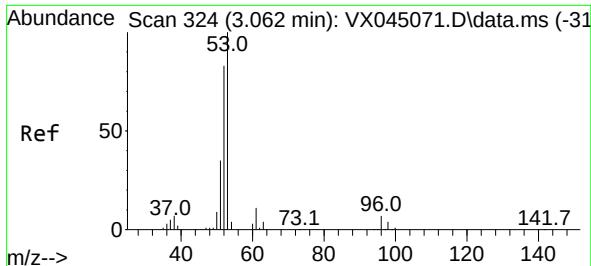
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#14
Allyl chloride
Concen: 54.503 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

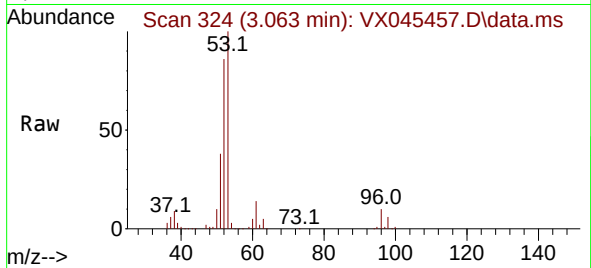
Tgt Ion: 41 Resp: 109634
Ion Ratio Lower Upper
41 100
39 75.4 53.8 80.8
76 32.0 25.2 37.8





#15
Acrylonitrile
Concen: 249.317 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

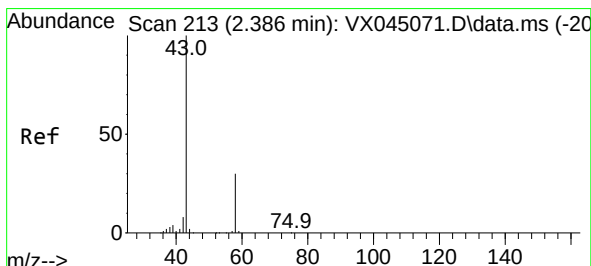
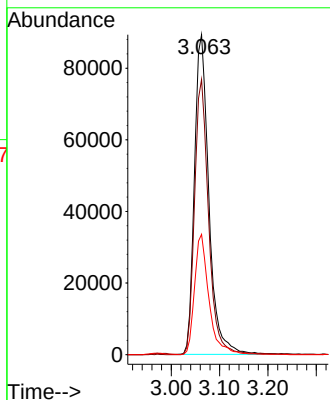
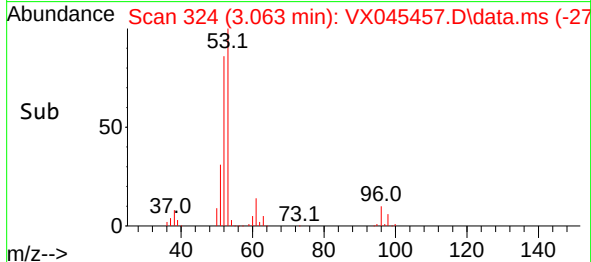
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 185140
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.2
51 37.4 29.0 43.4

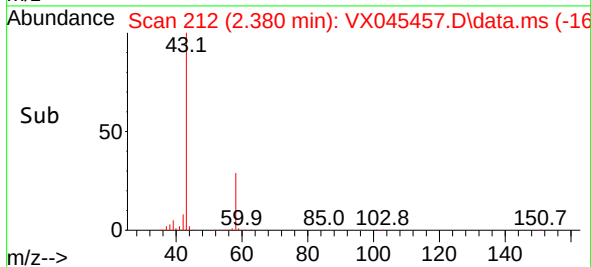
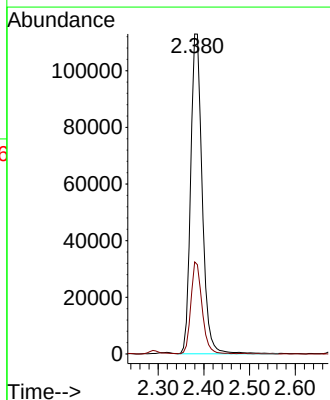
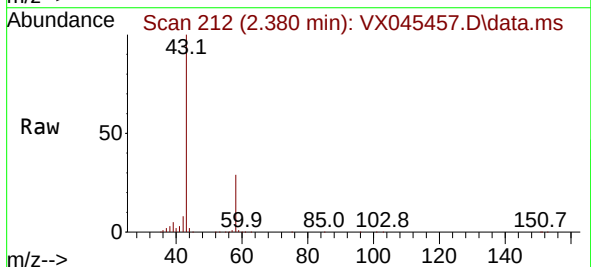
Manual Integrations
APPROVED

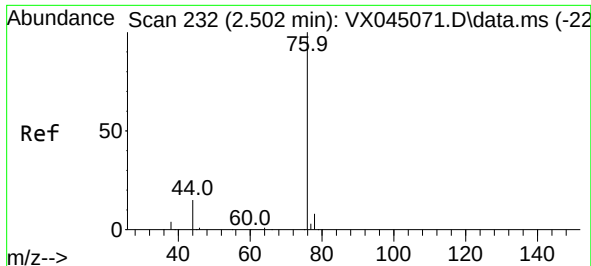
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#16
Acetone
Concen: 291.541 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

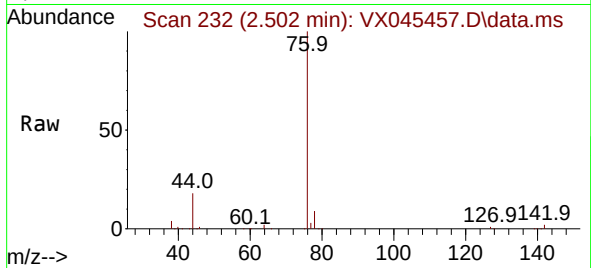
Tgt Ion: 43 Resp: 197870
Ion Ratio Lower Upper
43 100
58 28.8 24.2 36.4





#17
Carbon Disulfide
Concen: 49.800 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

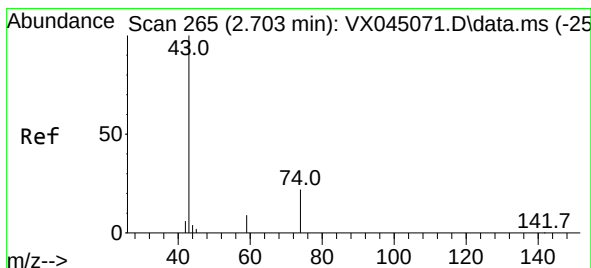
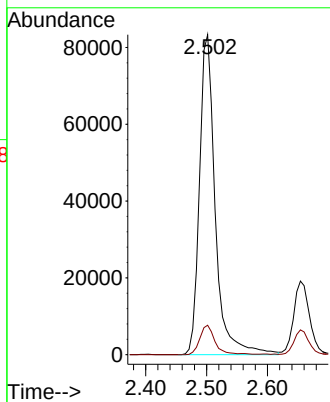
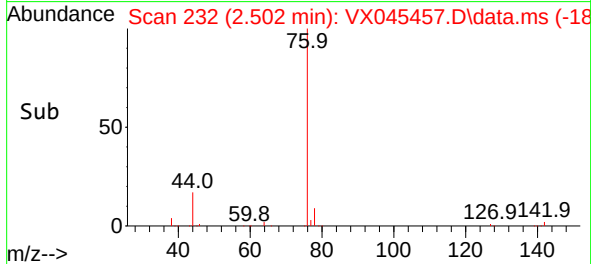
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



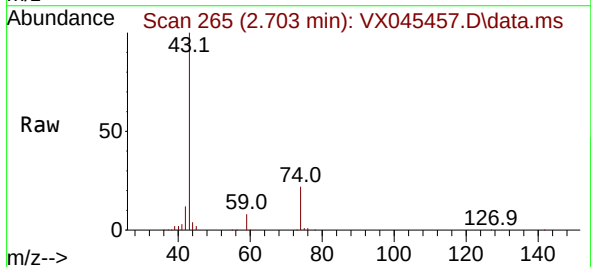
Tgt Ion: 76 Resp: 149890
Ion Ratio Lower Upper
76 100
78 9.2 6.6 9.8

Manual Integrations
APPROVED

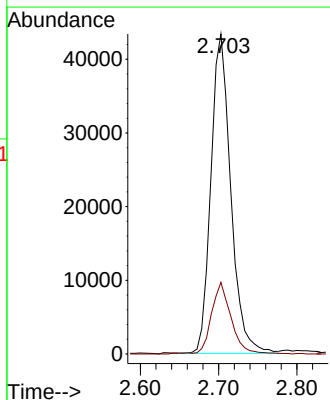
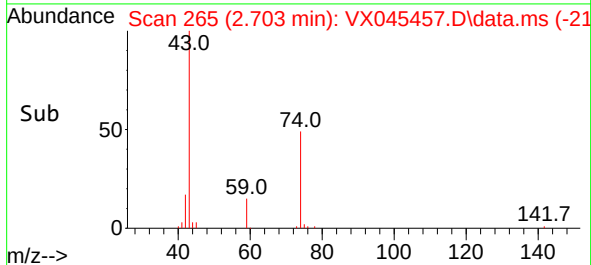
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

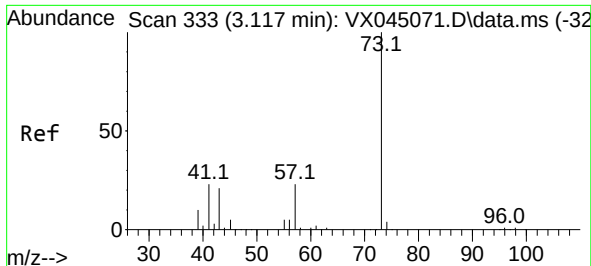


#18
Methyl Acetate
Concen: 46.794 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03



Tgt Ion: 43 Resp: 76403
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.2





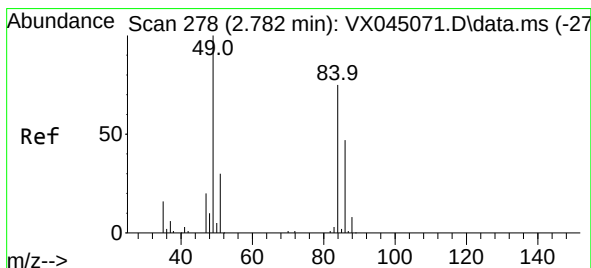
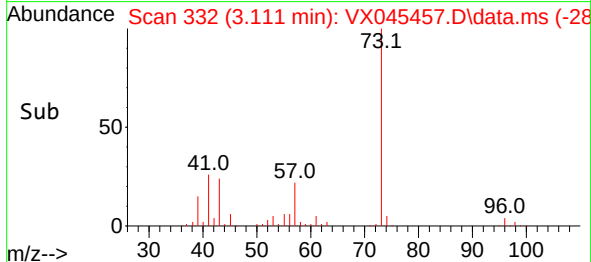
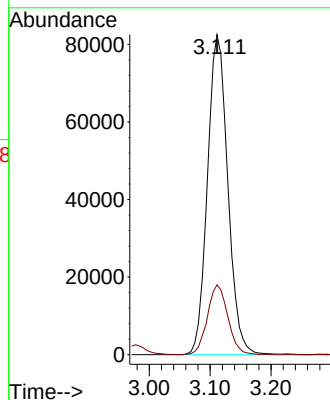
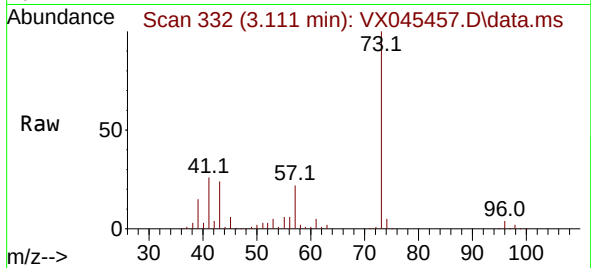
#19
Methyl tert-butyl Ether
Concen: 50.544 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 191629
Ion Ratio Lower Upper
73 100
57 21.8 18.5 27.7

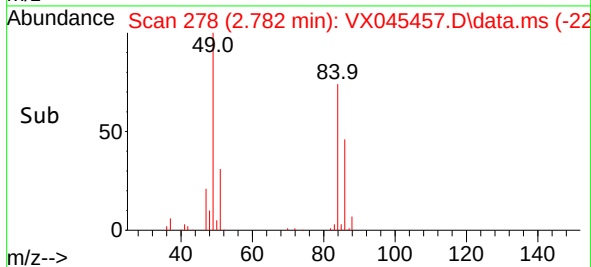
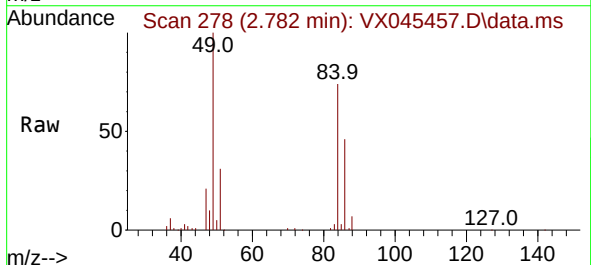
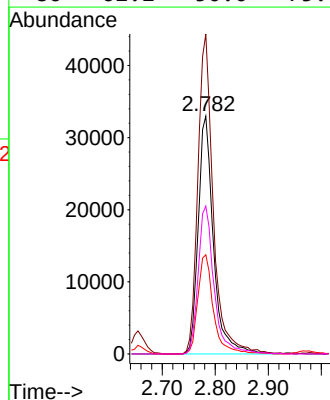
Manual Integrations
APPROVED

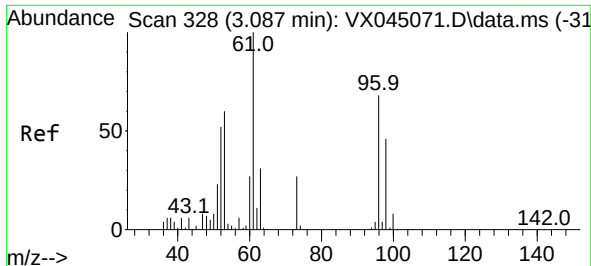
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#20
Methylene Chloride
Concen: 49.206 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Tgt Ion: 84 Resp: 66154
Ion Ratio Lower Upper
84 100
49 134.6 106.5 159.7
51 41.7 32.1 48.1
86 62.2 50.0 75.0





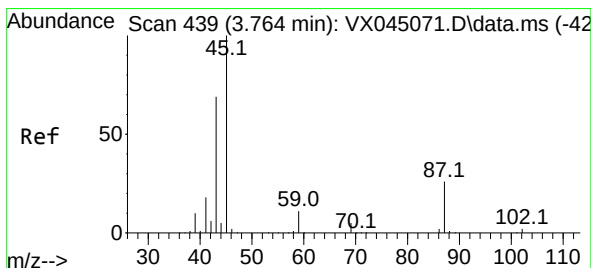
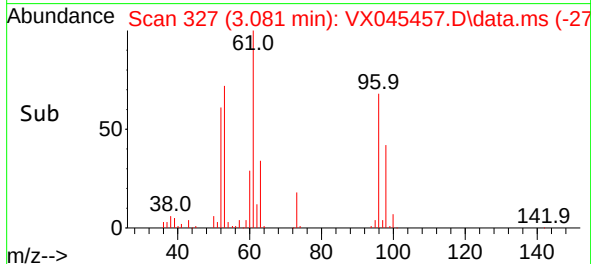
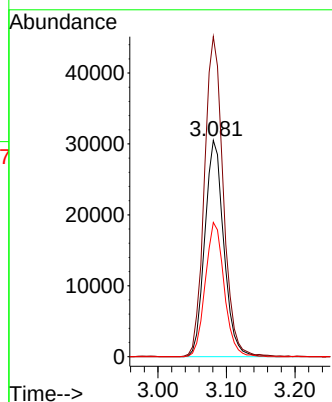
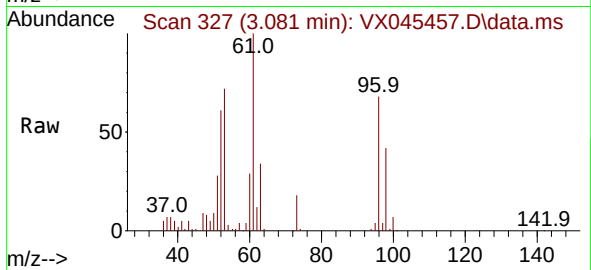
#21
trans-1,2-Dichloroethene
Concen: 52.719 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 5885
Ion Ratio Lower Upper
96 100
61 147.9 117.0 175.4
98 62.1 53.4 80.2

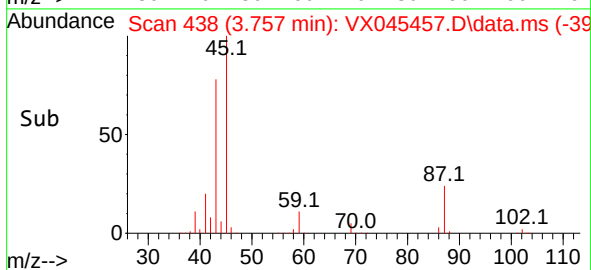
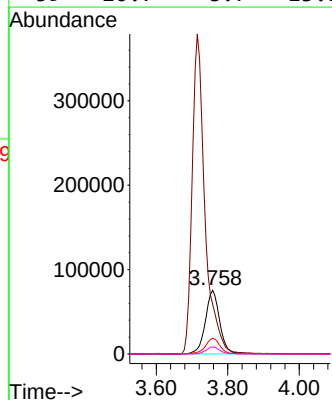
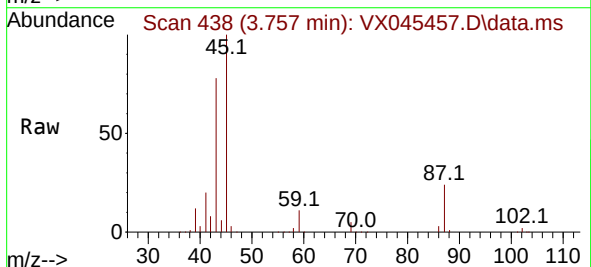
Manual Integrations
APPROVED

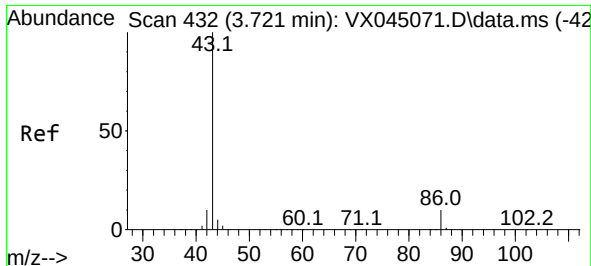
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#22
Diisopropyl ether
Concen: 51.421 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

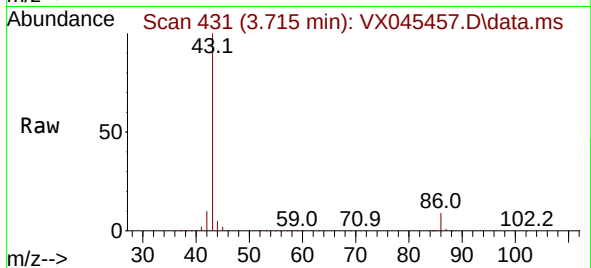
Tgt Ion: 45 Resp: 210362
Ion Ratio Lower Upper
45 100
43 77.6 54.9 82.3
87 24.5 21.0 31.4
59 10.7 8.7 13.1





#23
 Vinyl Acetate
 Concen: 275.687 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX045457.D
 Acq: 26 Mar 2025 10:03

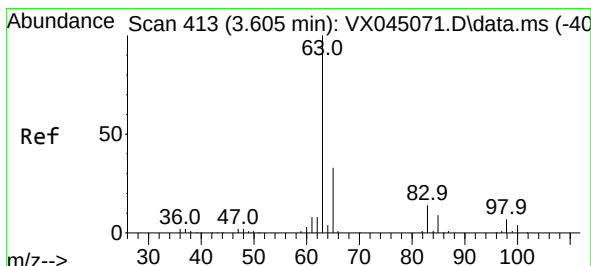
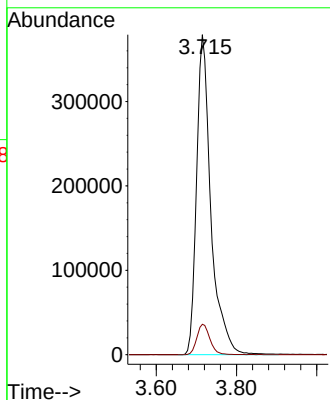
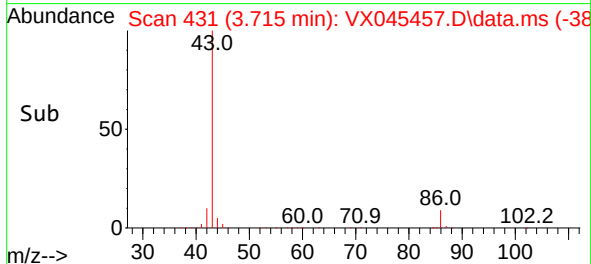
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



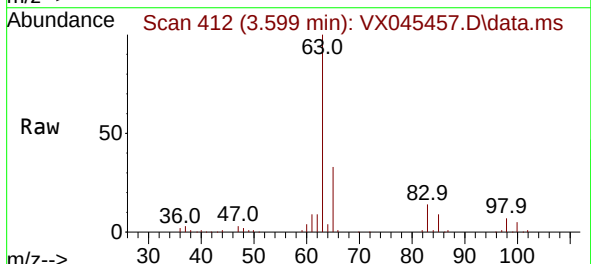
Tgt Ion: 43 Resp: 941179
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.1 12.1

Manual Integrations
 APPROVED

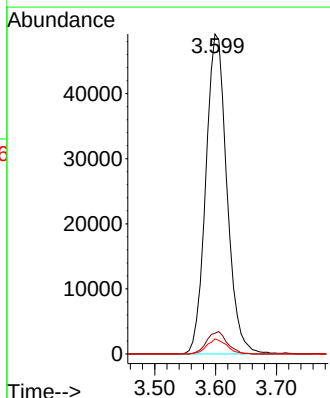
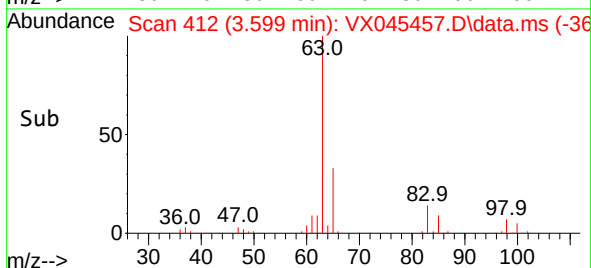
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

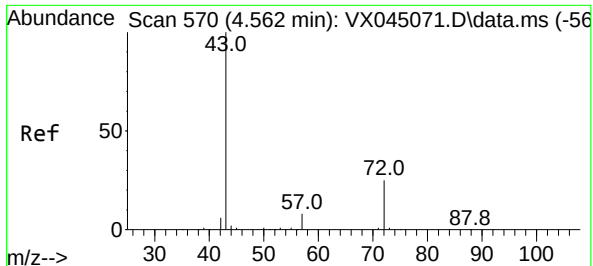


#24
 1,1-Dichloroethane
 Concen: 51.567 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045457.D
 Acq: 26 Mar 2025 10:03



Tgt Ion: 63 Resp: 118227
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.2
 100 4.7 2.1 6.5





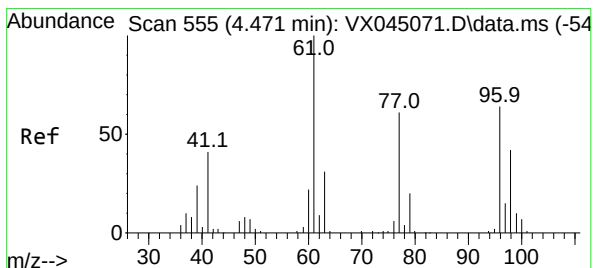
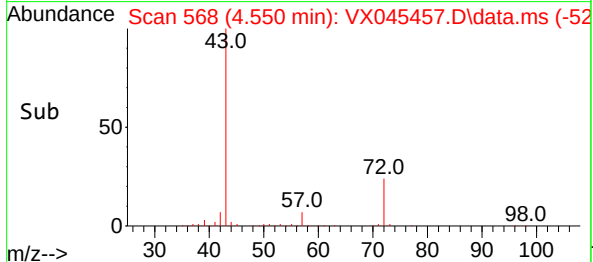
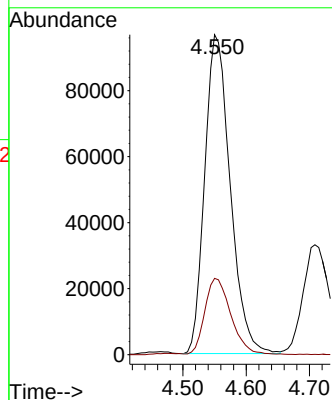
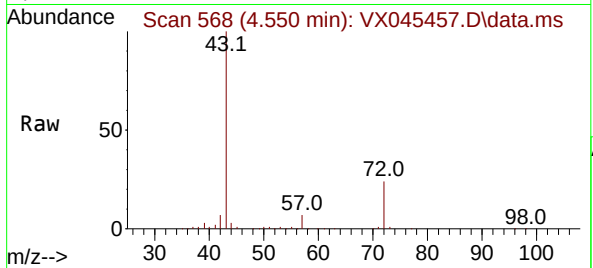
#25
2-Butanone
Concen: 265.005 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 270734
Ion Ratio Lower Upper
43 100
72 23.7 20.0 30.0

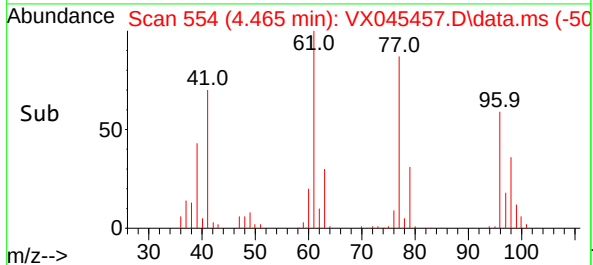
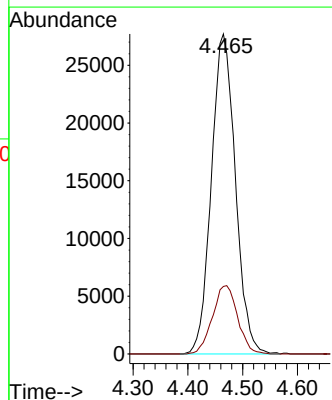
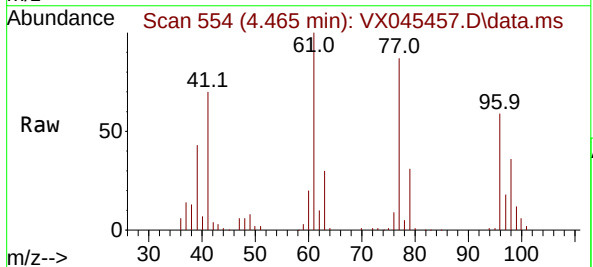
Manual Integrations
APPROVED

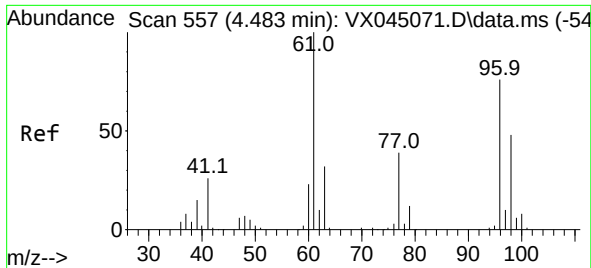
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#26
2,2-Dichloropropane
Concen: 78.333 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

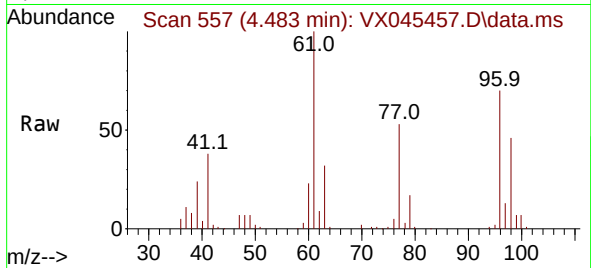
Tgt Ion: 77 Resp: 84239
Ion Ratio Lower Upper
77 100
97 22.4 12.4 37.0





#27
 cis-1,2-Dichloroethene
 Concen: 50.497 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: VX045457.D
 Acq: 26 Mar 2025 10:03

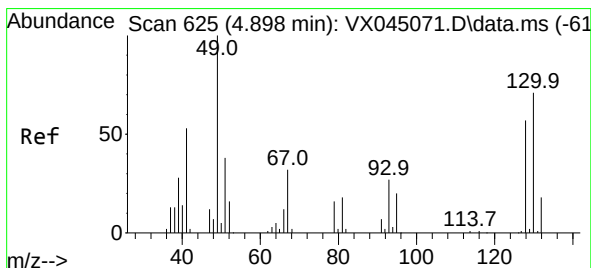
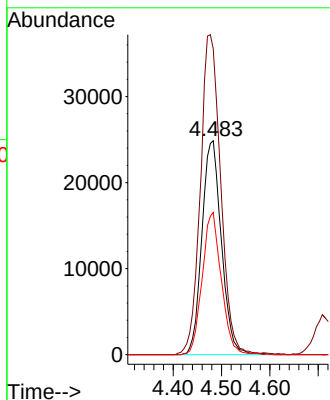
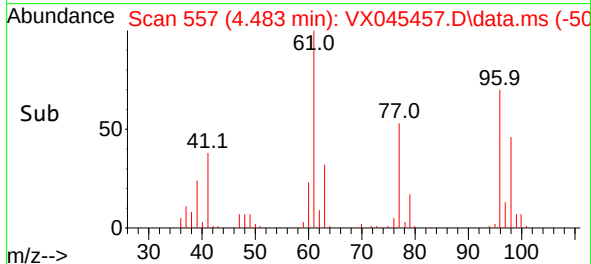
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 6959
 Ion Ratio Lower Upper
 96 100
 61 156.0 0.0 283.2
 98 65.1 0.0 128.0

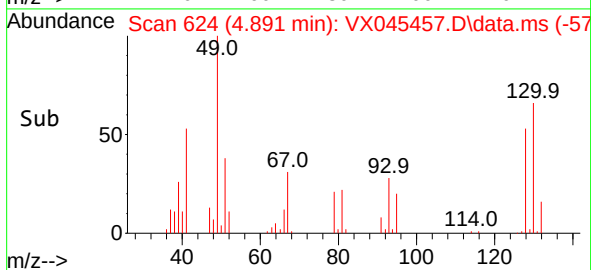
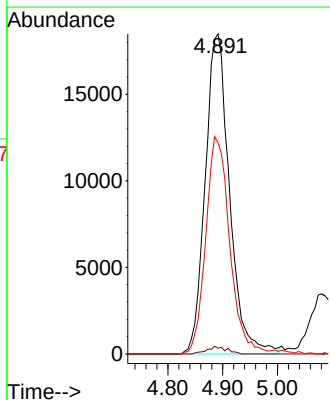
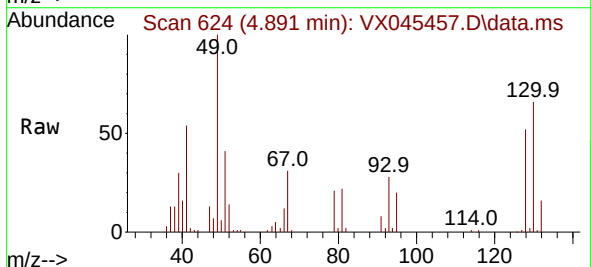
Manual Integrations
 APPROVED

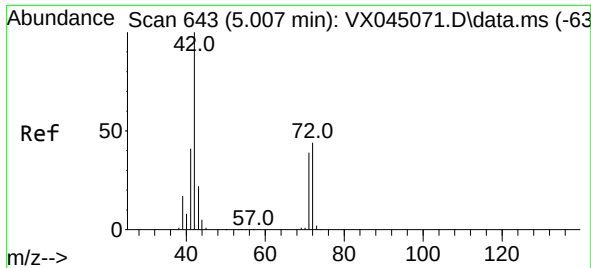
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#28
 Bromochloromethane
 Concen: 52.106 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX045457.D
 Acq: 26 Mar 2025 10:03

Tgt Ion: 49 Resp: 56942
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 66.6 56.1 84.1





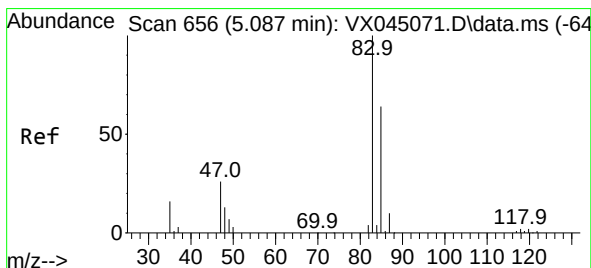
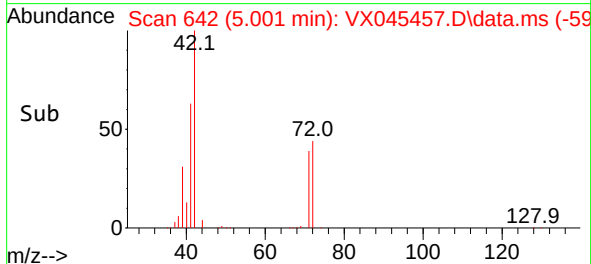
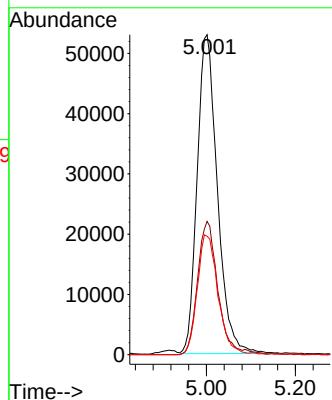
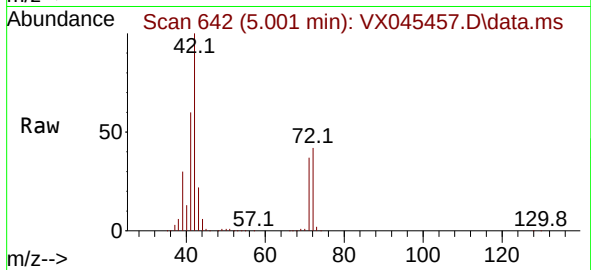
#29
Tetrahydrofuran
Concen: 244.481 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 16773
Ion Ratio Lower Upper
42 100
72 42.1 34.1 51.1
71 38.3 31.4 47.0

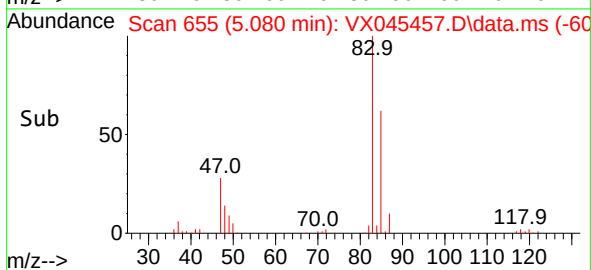
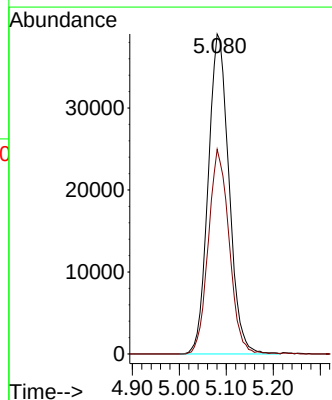
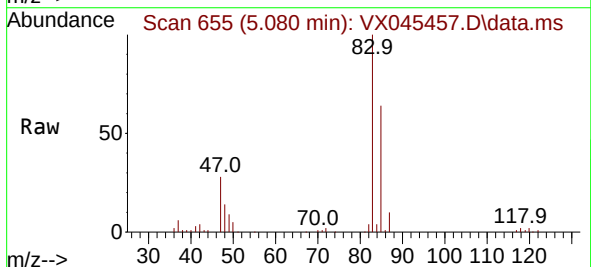
Manual Integrations
APPROVED

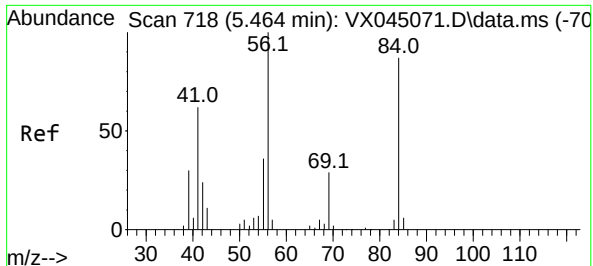
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#30
Chloroform
Concen: 52.483 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

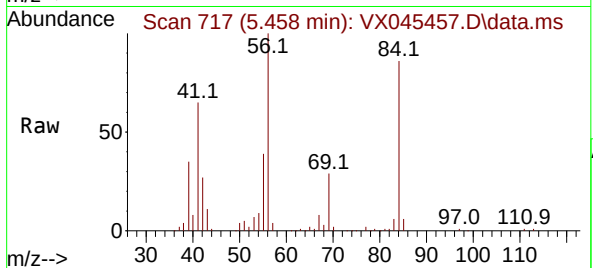
Tgt Ion: 83 Resp: 119559
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.2





#31
Cyclohexane
Concen: 53.091 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

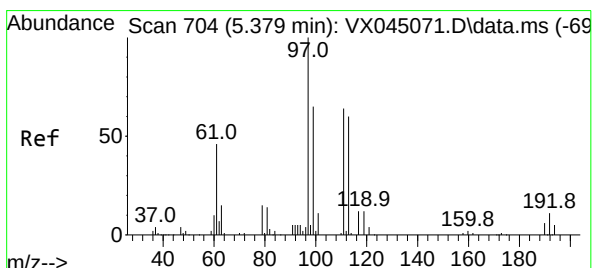
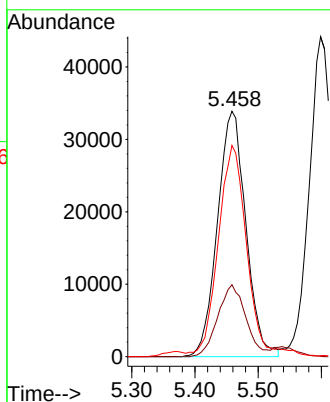
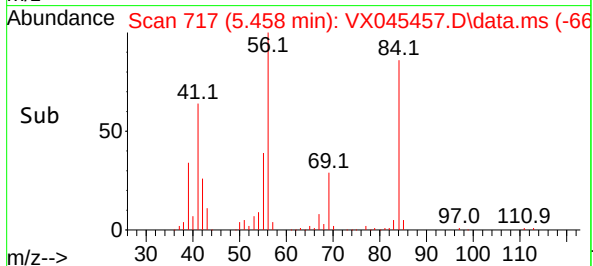
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



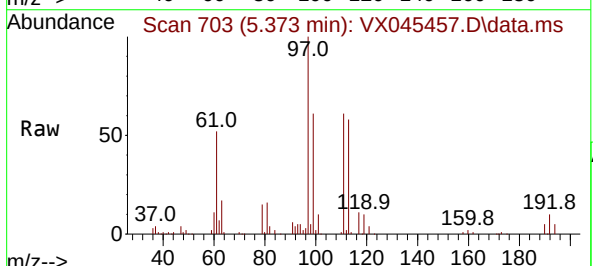
Tgt Ion: 56 Resp: 105662
Ion Ratio Lower Upper
56 100
69 29.4 23.4 35.2
84 84.0 69.4 104.2

Manual Integrations
APPROVED

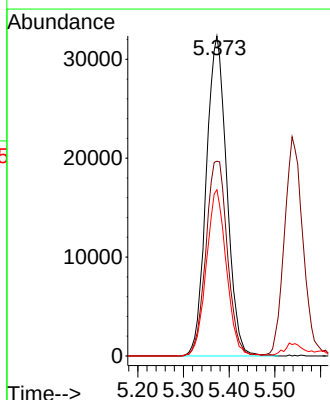
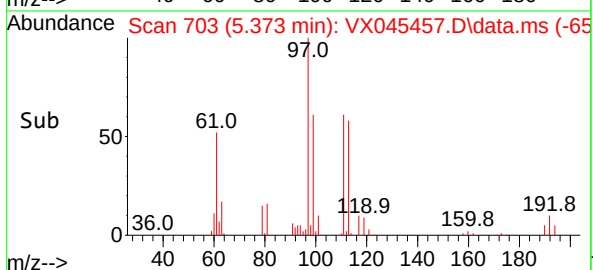
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

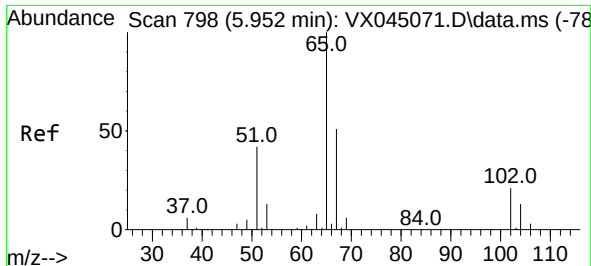


#32
1,1,1-Trichloroethane
Concen: 54.822 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03



Tgt Ion: 97 Resp: 100867
Ion Ratio Lower Upper
97 100
99 63.9 51.6 77.4
61 51.0 38.4 57.6





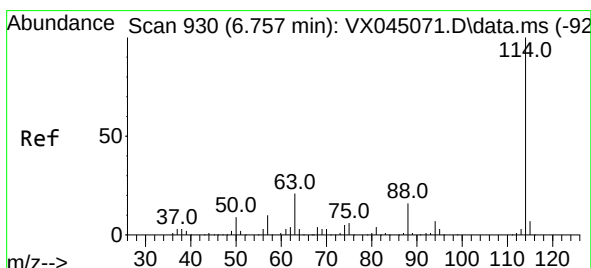
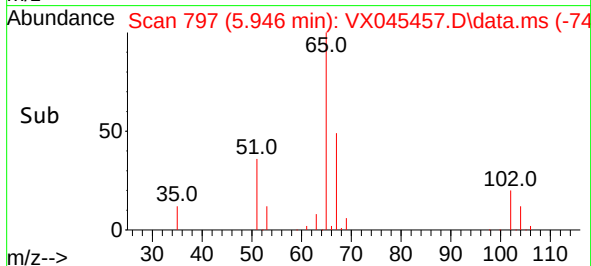
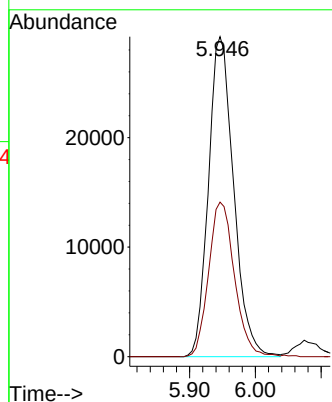
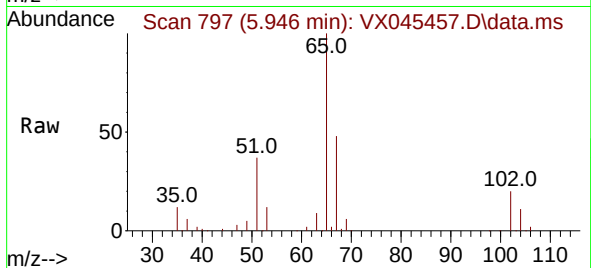
#33
 1,2-Dichloroethane-d4
 Concen: 53.238 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX045457.D
 Acq: 26 Mar 2025 10:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 7787
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 106.2

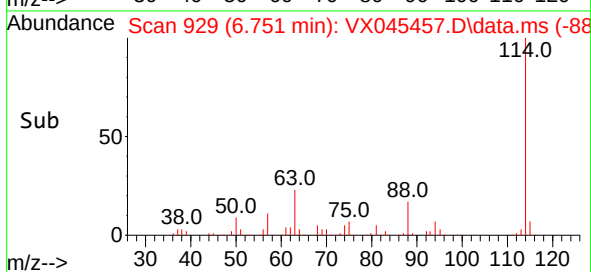
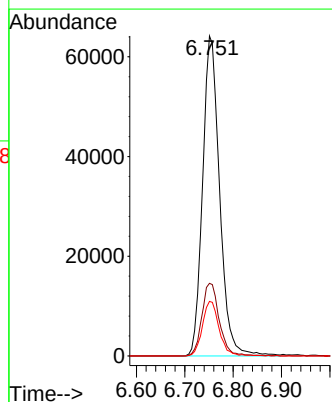
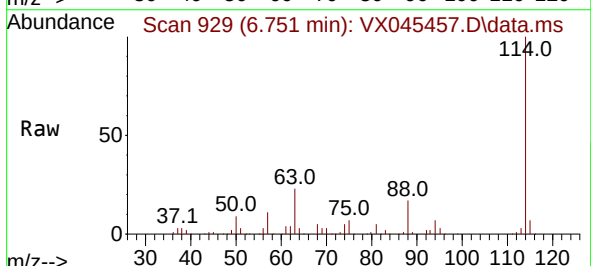
Manual Integrations
 APPROVED

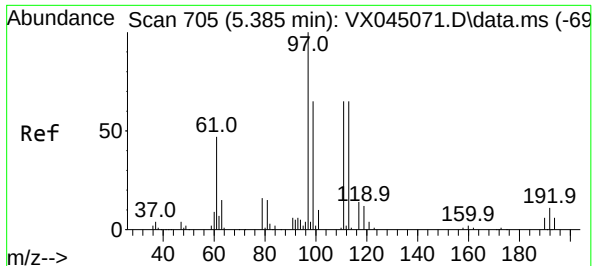
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX045457.D
 Acq: 26 Mar 2025 10:03

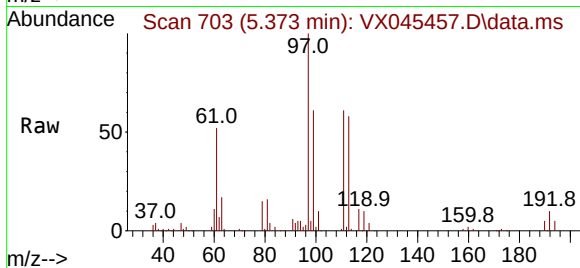
Tgt Ion:114 Resp: 157025
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 41.8
 88 17.1 0.0 32.8





#35
Dibromofluoromethane
Concen: 53.998 ug/l
RT: 5.373 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

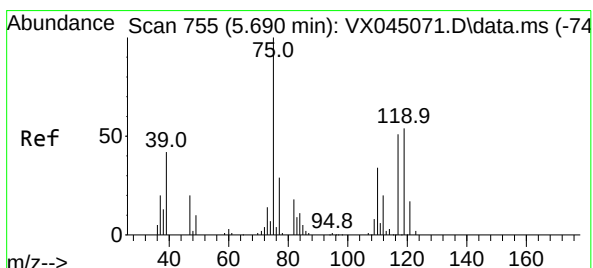
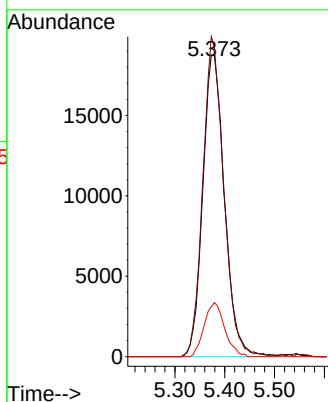
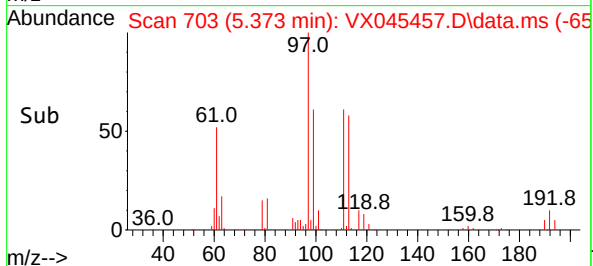
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 5669
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.6
192 17.0 14.3 21.5

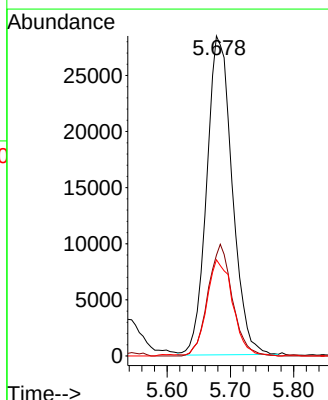
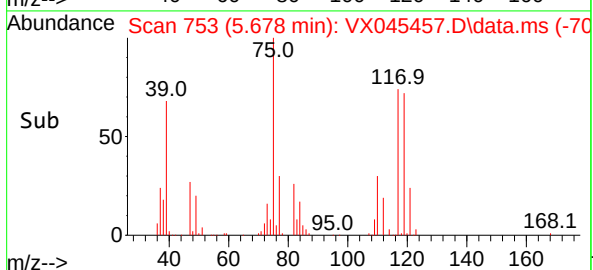
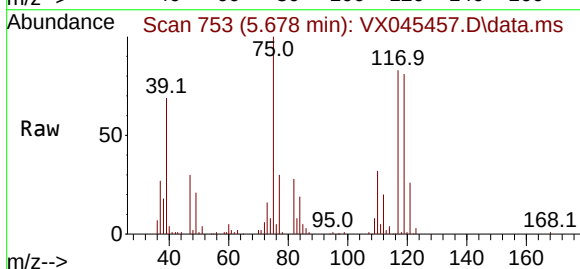
Manual Integrations
APPROVED

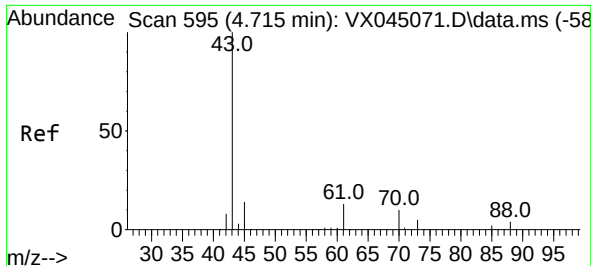
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#36
1,1-Dichloropropene
Concen: 55.234 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.012 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Tgt Ion: 75 Resp: 79534
Ion Ratio Lower Upper
75 100
110 33.6 16.9 50.6
77 30.8 24.5 36.7





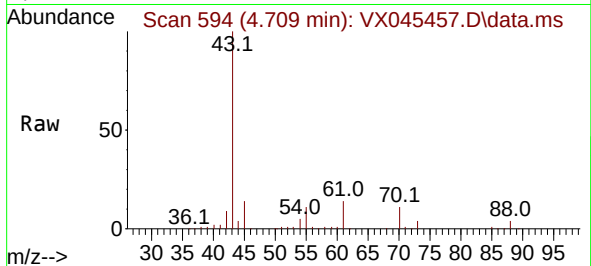
#37
Ethyl Acetate
Concen: 54.053 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

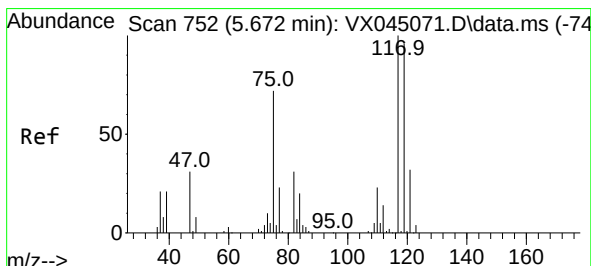
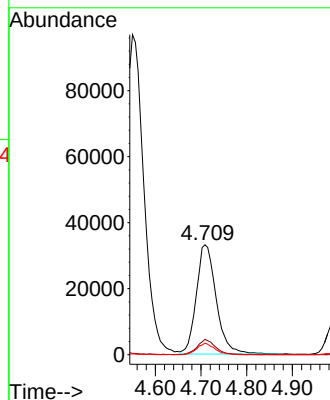
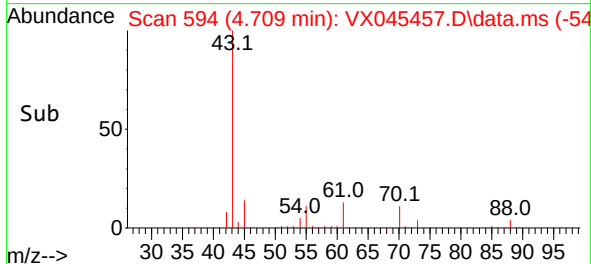


Tgt Ion: 43 Resp: 100294
Ion Ratio Lower Upper
43 100
61 12.8 10.8 16.2
70 9.2 7.7 11.5

Manual Integrations

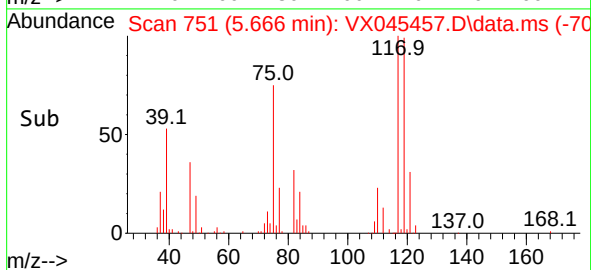
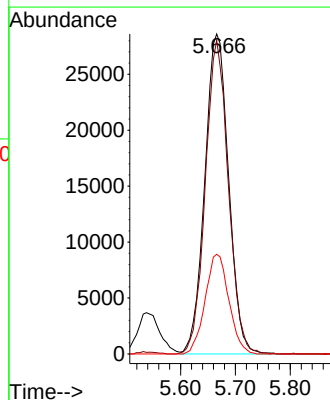
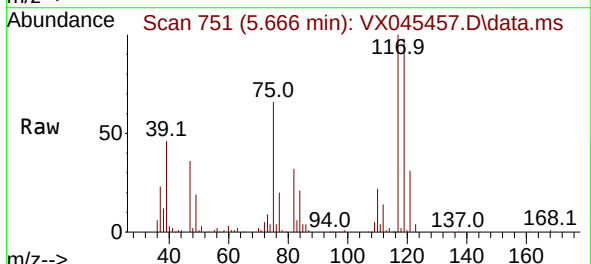
APPROVED

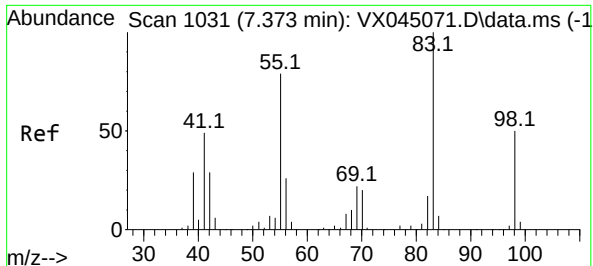
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#38
Carbon Tetrachloride
Concen: 59.159 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

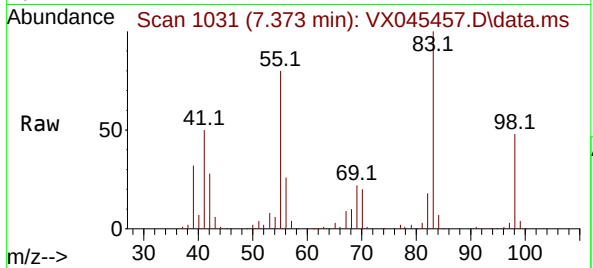
Tgt Ion:117 Resp: 86484
Ion Ratio Lower Upper
117 100
119 98.0 76.7 115.1
121 31.1 25.5 38.3





#39
Methylcyclohexane
Concen: 60.514 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

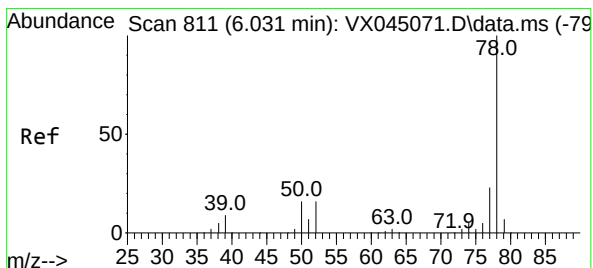
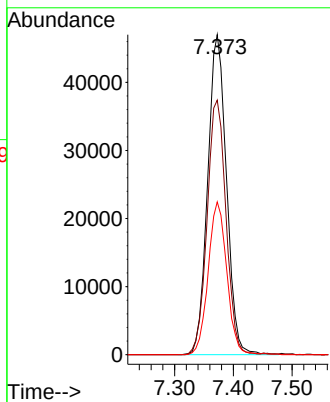
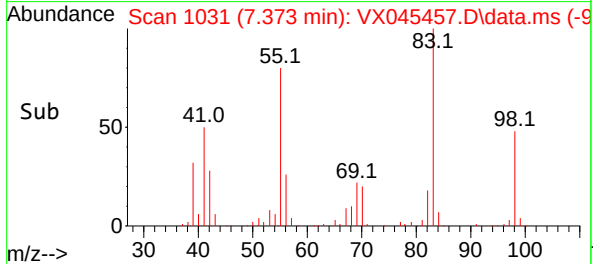
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



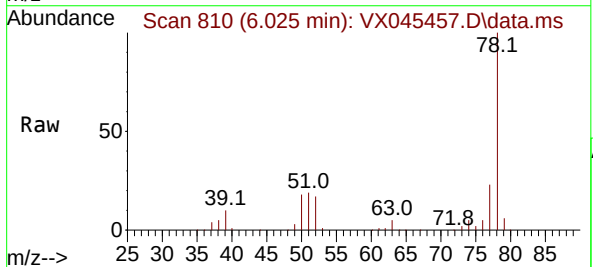
Tgt Ion: 83 Resp: 104410
Ion Ratio Lower Upper
83 100
55 79.6 63.0 94.4
98 47.7 39.7 59.5

Manual Integrations
APPROVED

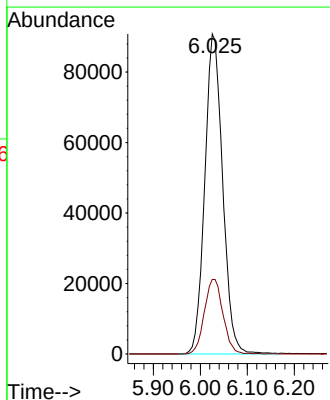
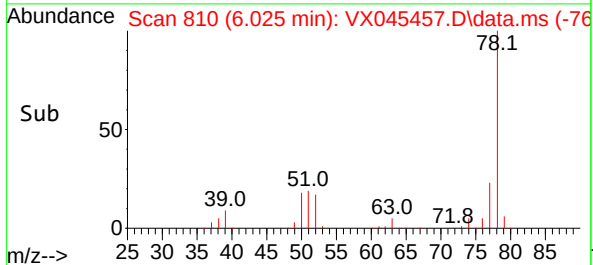
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

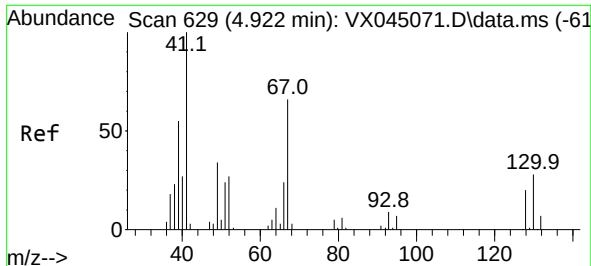


#40
Benzene
Concen: 52.687 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03



Tgt Ion: 78 Resp: 239569
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2





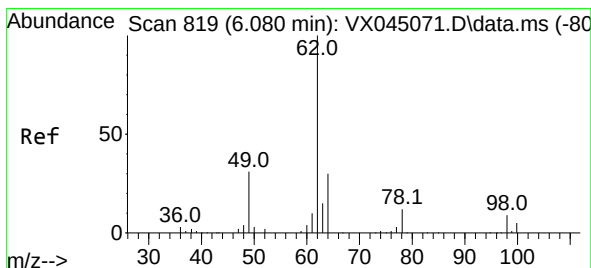
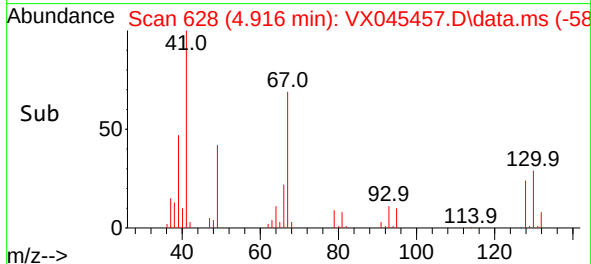
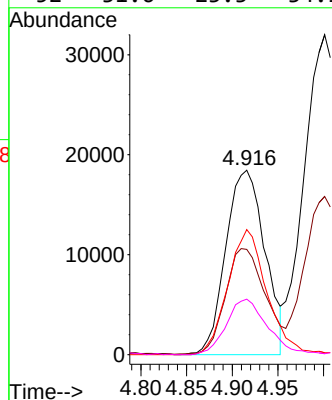
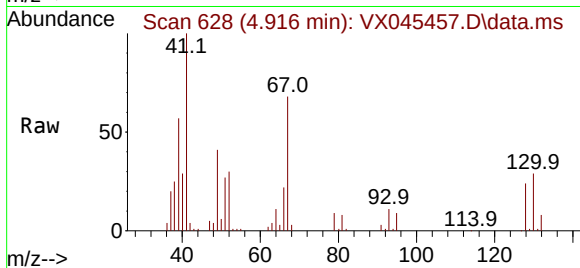
#41
Methacrylonitrile
Concen: 54.944 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 55124
Ion Ratio Lower Upper
41 100
39 59.2 44.6 67.0
67 67.8 53.9 80.9
52 31.6 23.3 34.9

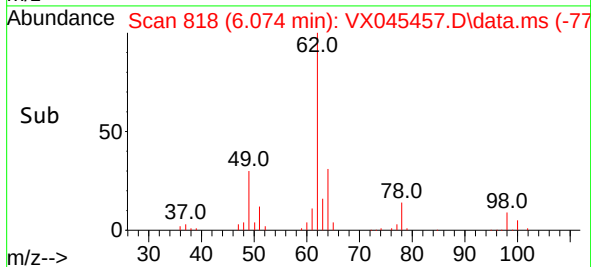
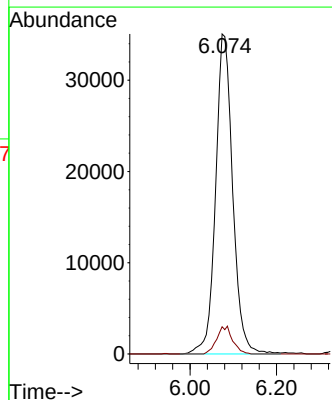
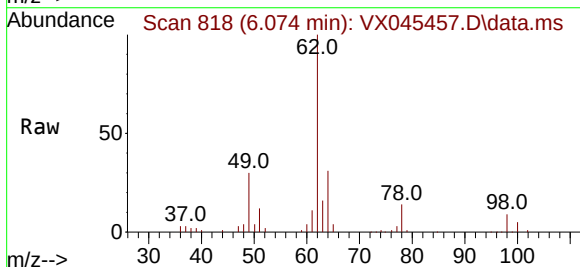
Manual Integrations
APPROVED

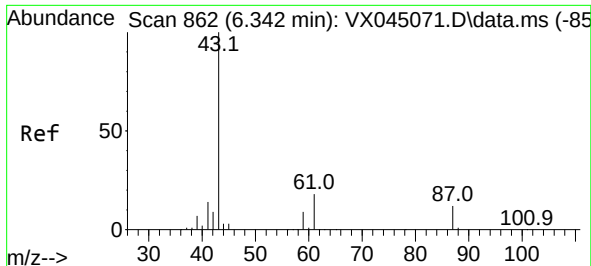
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#42
1,2-Dichloroethane
Concen: 58.759 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

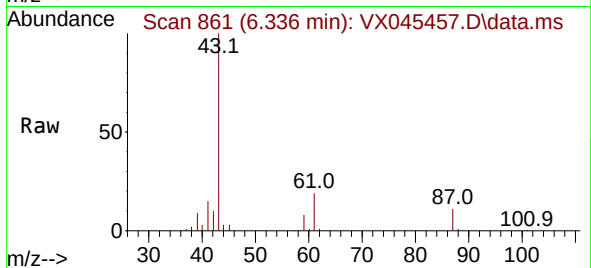
Tgt Ion: 62 Resp: 96212
Ion Ratio Lower Upper
62 100
98 8.0 0.0 18.2





#43
Isopropyl Acetate
Concen: 56.230 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

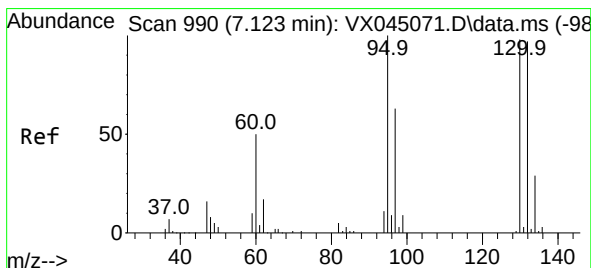
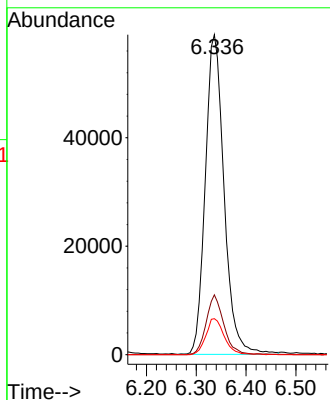
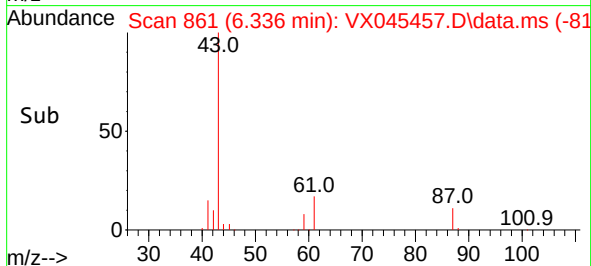
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 154279
Ion Ratio Lower Upper
43 100
61 17.6 14.9 22.3
87 11.0 9.4 14.2

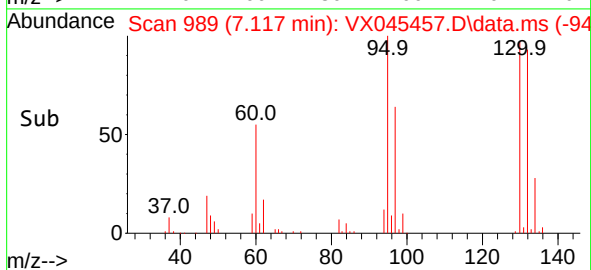
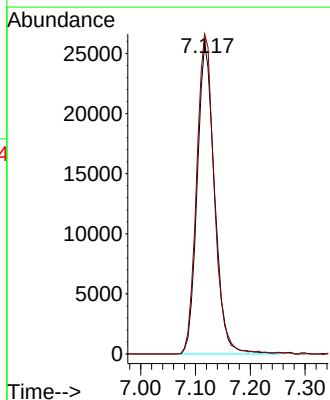
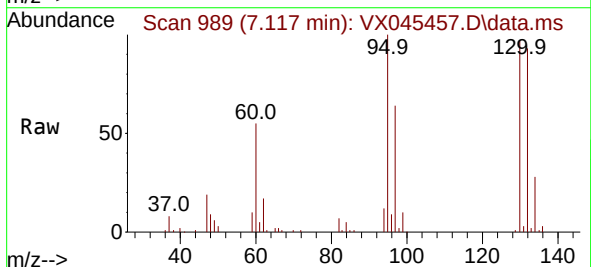
Manual Integrations
APPROVED

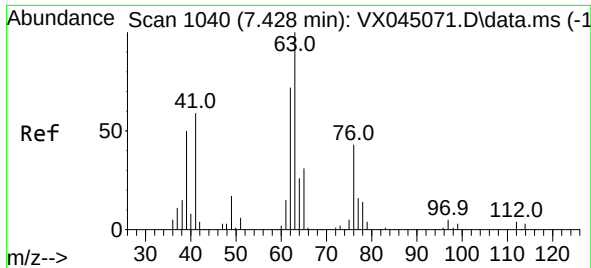
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#44
Trichloroethene
Concen: 53.389 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

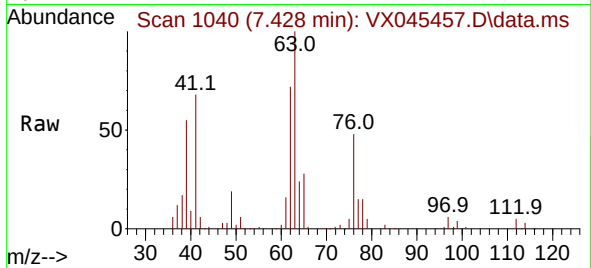
Tgt Ion:130 Resp: 57002
Ion Ratio Lower Upper
130 100
95 103.1 0.0 205.0





#45
1,2-Dichloropropane
Concen: 52.525 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

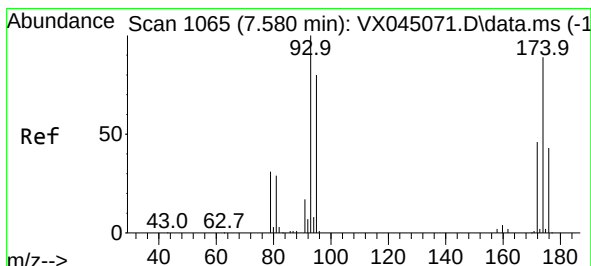
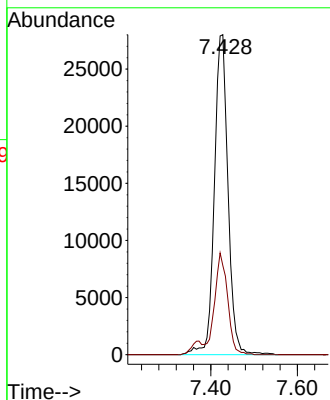
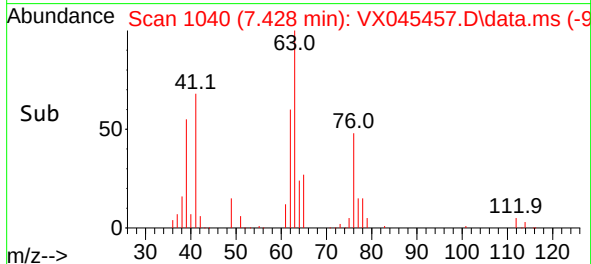
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 61400
Ion Ratio Lower Upper
63 100
65 27.9 24.7 37.1

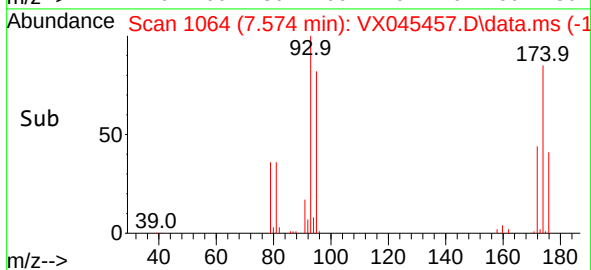
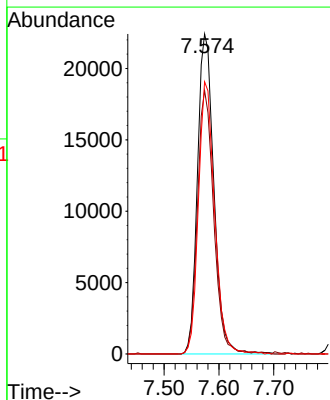
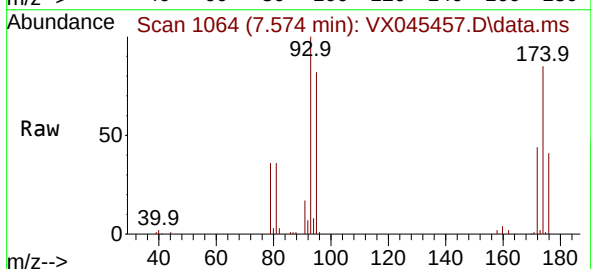
Manual Integrations
APPROVED

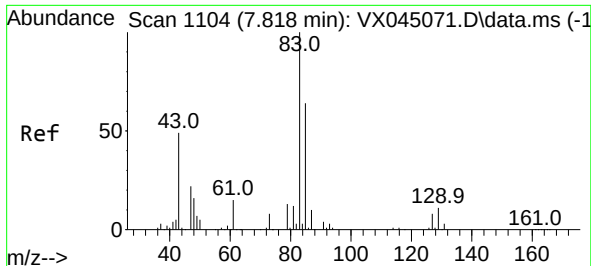
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#46
Dibromomethane
Concen: 56.518 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Tgt Ion: 93 Resp: 46702
Ion Ratio Lower Upper
93 100
95 81.5 65.8 98.8
174 84.2 72.2 108.2





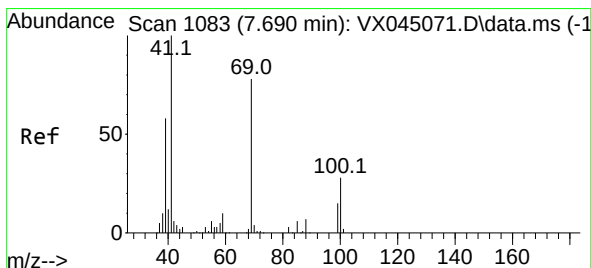
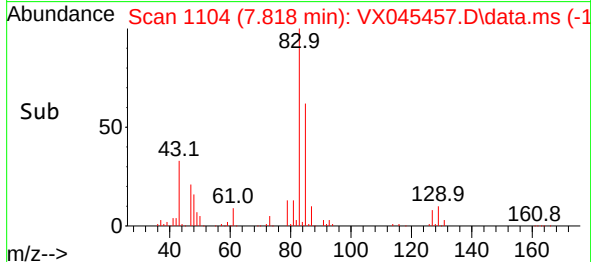
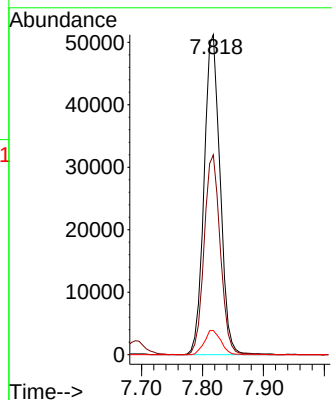
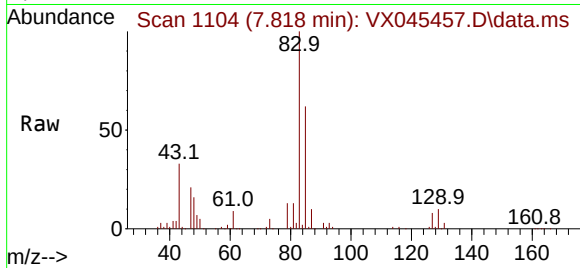
#47
Bromodichloromethane
Concen: 57.794 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9367
Ion Ratio Lower Upper
83 100
85 62.5 51.1 76.7
127 7.5 6.4 9.6

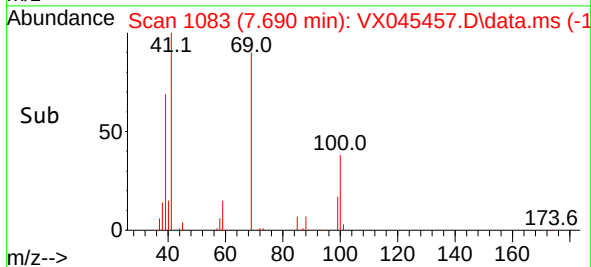
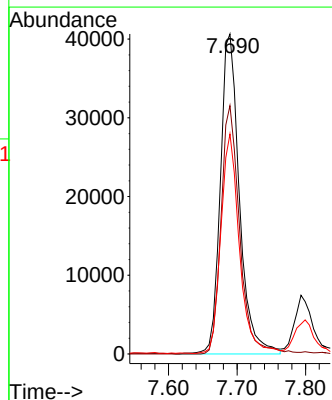
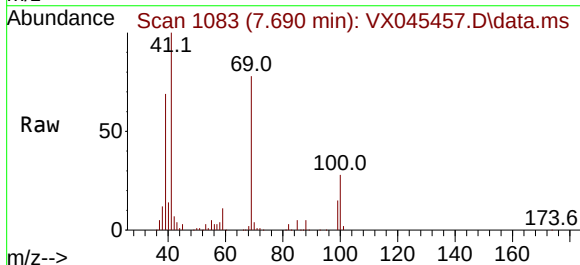
Manual Integrations
APPROVED

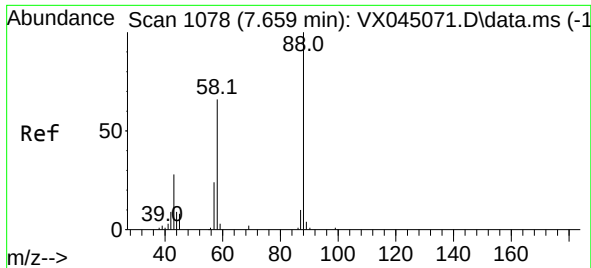
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#48
Methyl methacrylate
Concen: 56.921 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Tgt Ion: 41 Resp: 78351
Ion Ratio Lower Upper
41 100
69 75.8 63.0 94.6
39 66.5 47.5 71.3





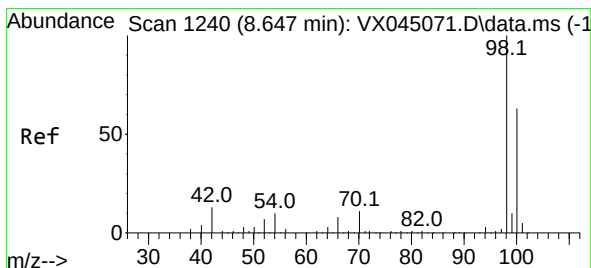
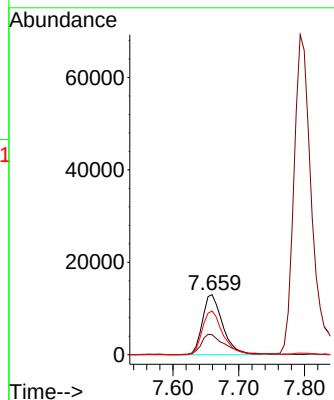
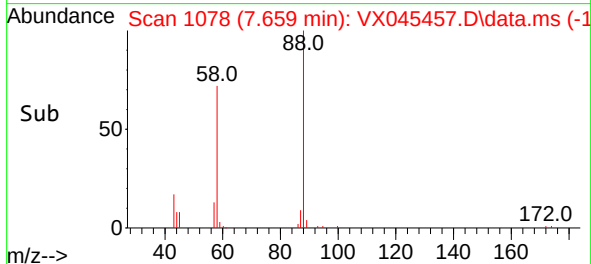
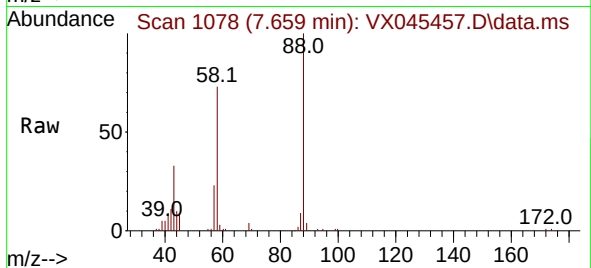
#49
1,4-Dioxane
Concen: 963.058 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 27963
Ion Ratio Lower Upper
88 100
43 41.3 28.7 43.1
58 73.0 55.8 83.8

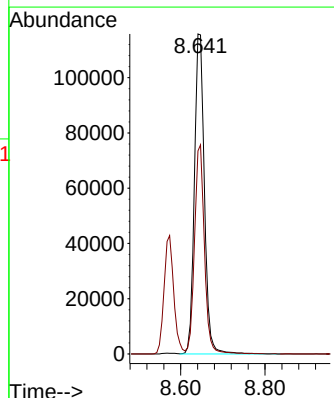
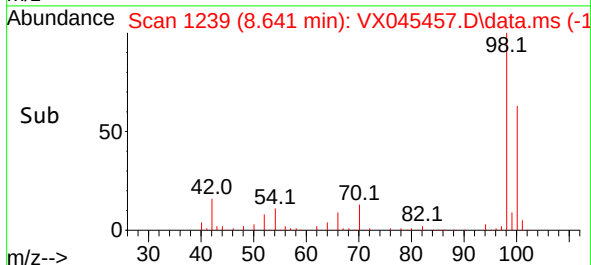
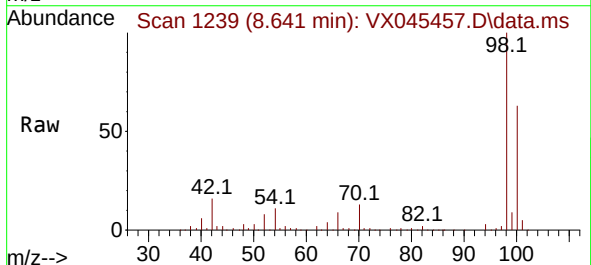
Manual Integrations
APPROVED

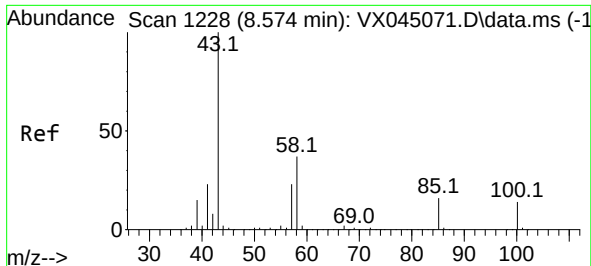
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#50
Toluene-d8
Concen: 50.238 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

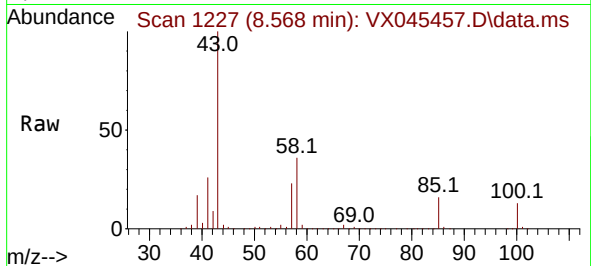
Tgt Ion: 98 Resp: 191234
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 276.344 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

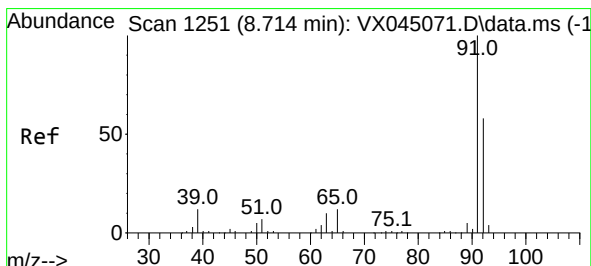
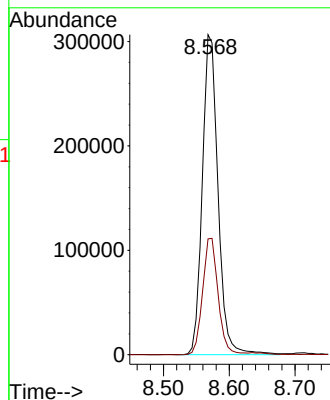
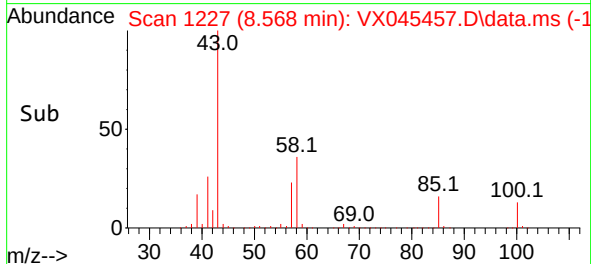
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 509094
Ion Ratio Lower Upper
43 100
58 36.0 29.2 43.8

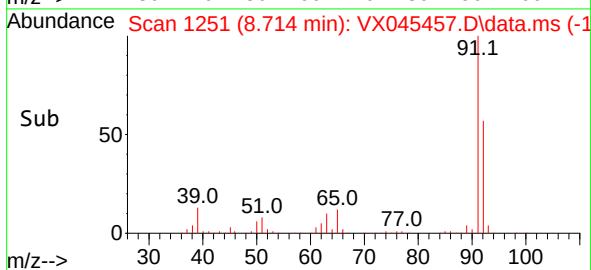
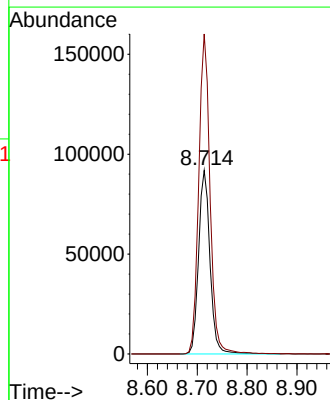
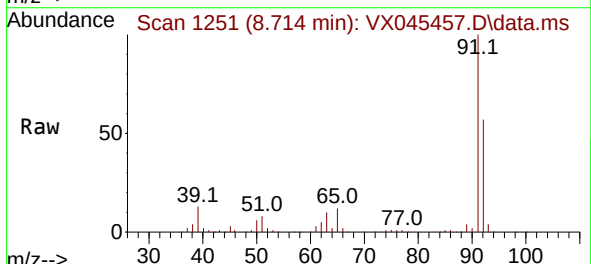
Manual Integrations
APPROVED

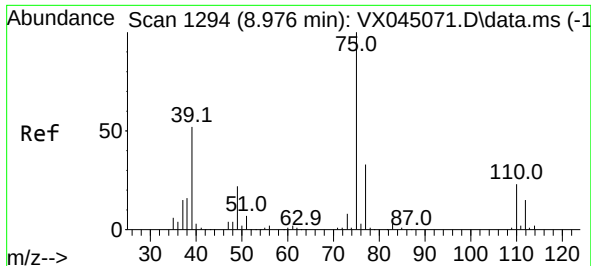
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#52
Toluene
Concen: 54.725 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Tgt Ion: 92 Resp: 145998
Ion Ratio Lower Upper
92 100
91 172.7 138.9 208.3





#53
 t-1,3-Dichloropropene
 Concen: 60.544 ug/l
 RT: 8.976 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX045457.D
 Acq: 26 Mar 2025 10:03

Instrument :

MSVOA_X

ClientSampleId :

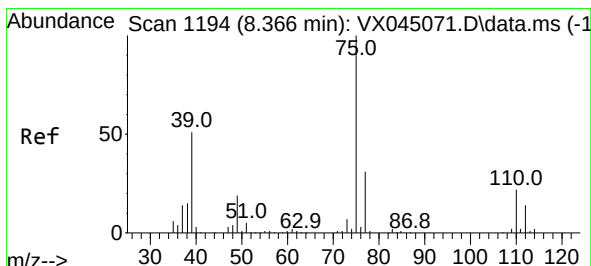
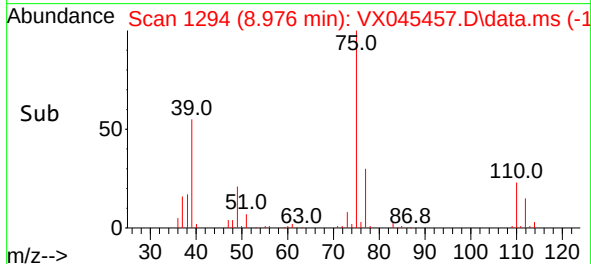
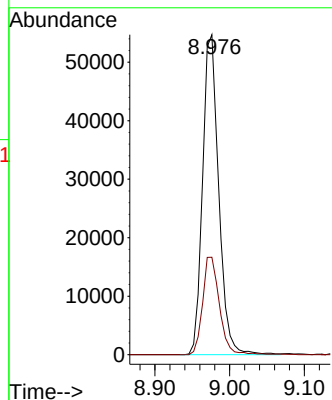
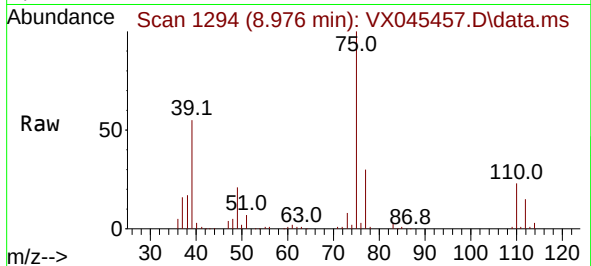
VSTDCCC050

Tgt Ion: 75 Resp: 82038
 Ion Ratio Lower Upper
 75 100
 77 30.5 26.5 39.7

Manual Integrations

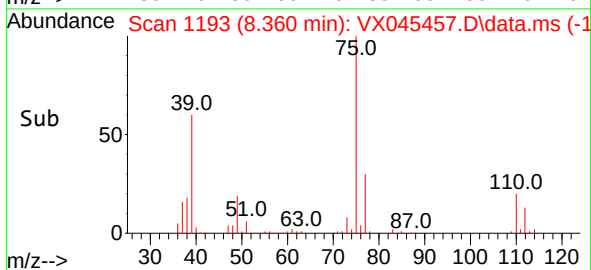
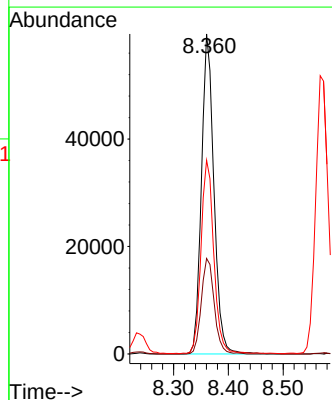
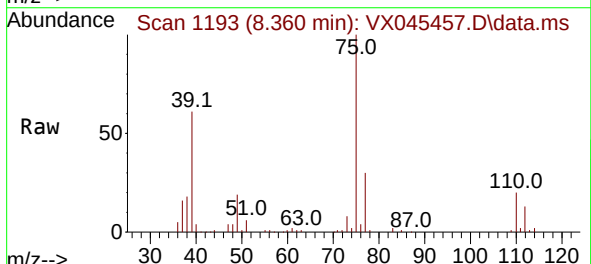
APPROVED

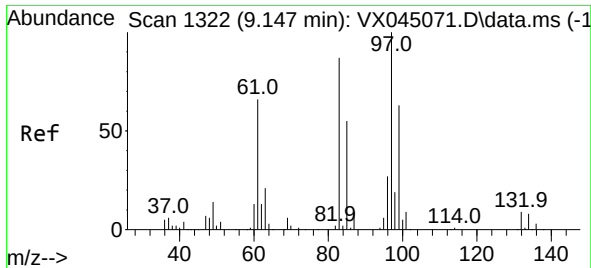
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025



#54
 cis-1,3-Dichloropropene
 Concen: 59.591 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX045457.D
 Acq: 26 Mar 2025 10:03

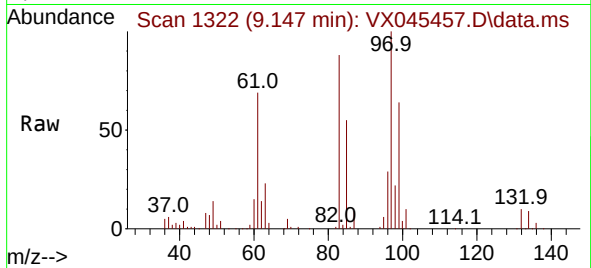
Tgt Ion: 75 Resp: 94158
 Ion Ratio Lower Upper
 75 100
 77 29.8 24.7 37.1
 39 60.4 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 53.083 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

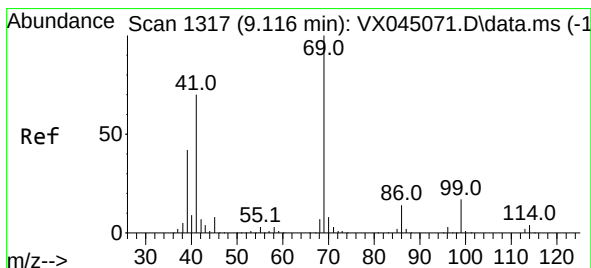
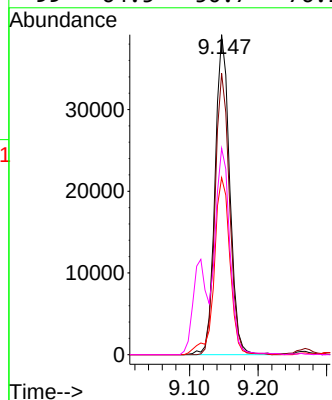
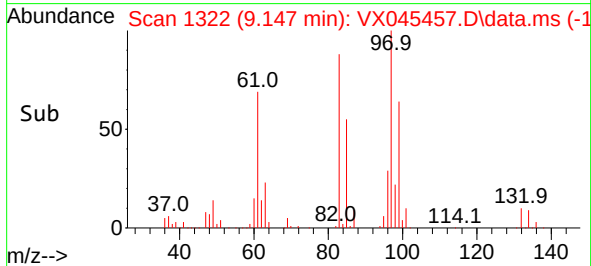


Tgt Ion: 97 Resp: 58300

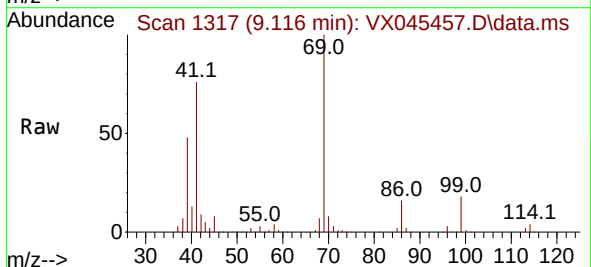
Ion	Ratio	Lower	Upper
97	100		
83	87.9	69.4	104.2
85	55.3	44.1	66.1
99	64.5	50.7	76.1

Manual Integrations
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Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

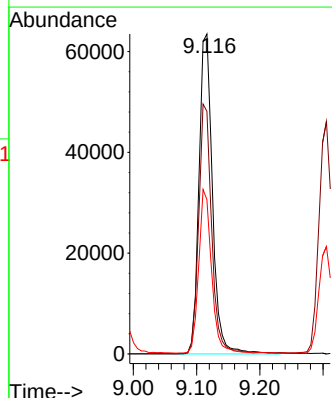
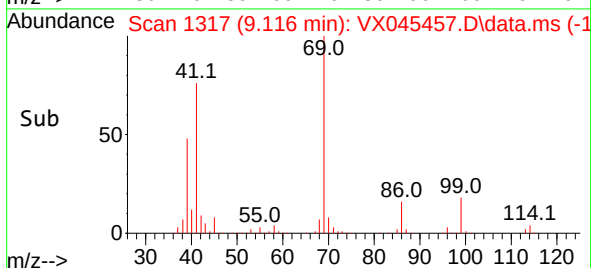


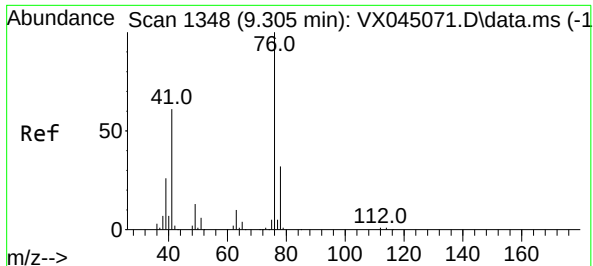
#56
Ethyl methacrylate
Concen: 56.682 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03



Tgt Ion: 69 Resp: 94629

Ion	Ratio	Lower	Upper
69	100		
41	75.7	57.0	85.4
39	48.7	34.2	51.4





#57

1,3-Dichloropropane

Concen: 53.783 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045457.D

Acq: 26 Mar 2025 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 102224

Ion Ratio Lower Upper

76 100

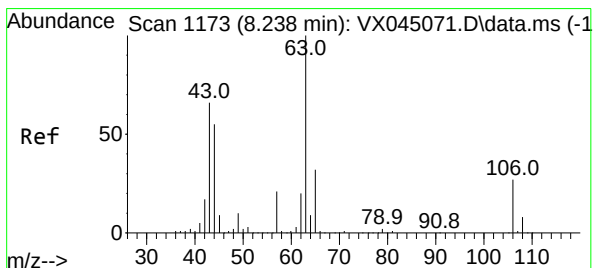
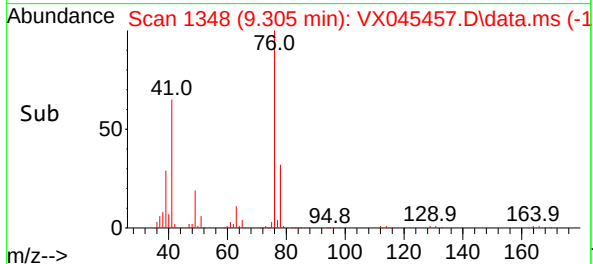
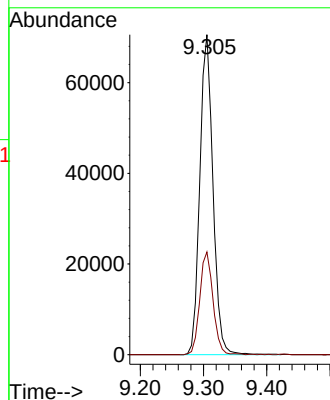
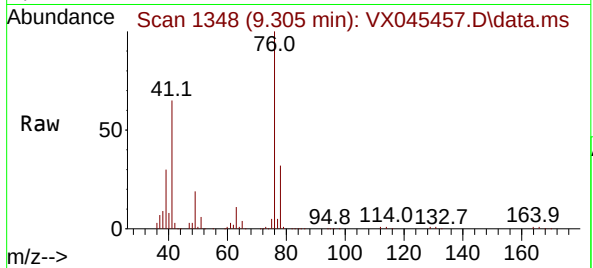
78 32.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#58

2-Chloroethyl Vinyl ether

Concen: 288.833 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045457.D

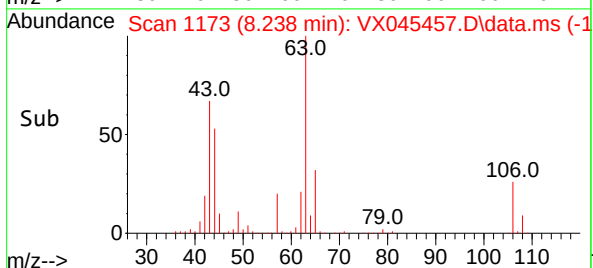
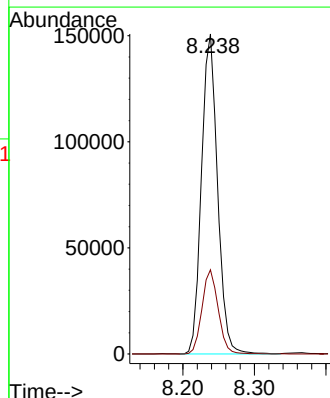
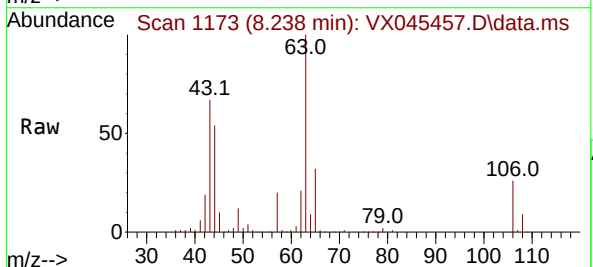
Acq: 26 Mar 2025 10:03

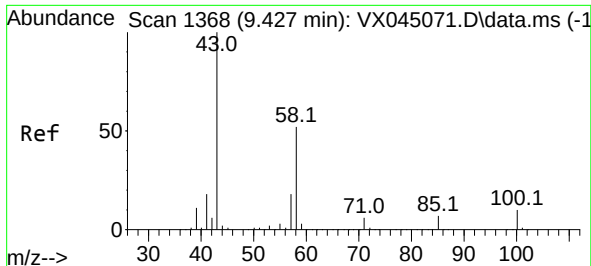
Tgt Ion: 63 Resp: 235219

Ion Ratio Lower Upper

63 100

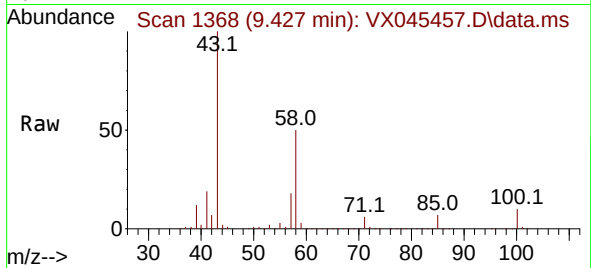
106 26.5 21.5 32.3





#59
2-Hexanone
Concen: 280.504 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

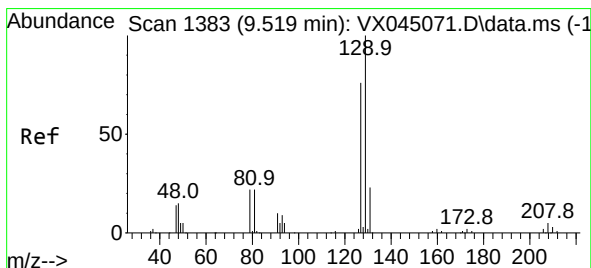
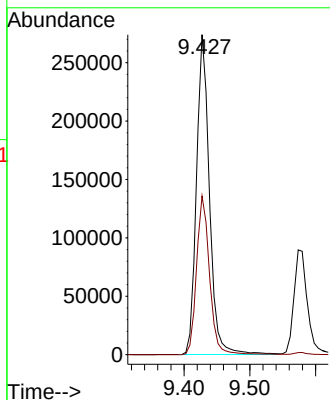
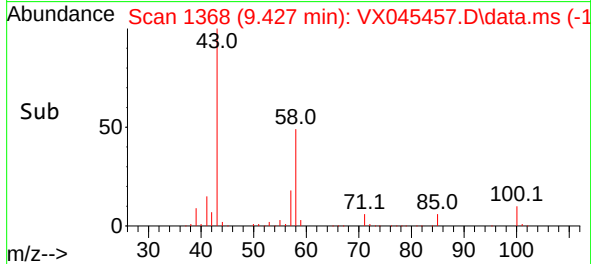
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 37441
Ion Ratio Lower Upper
43 100
58 49.8 25.9 77.6

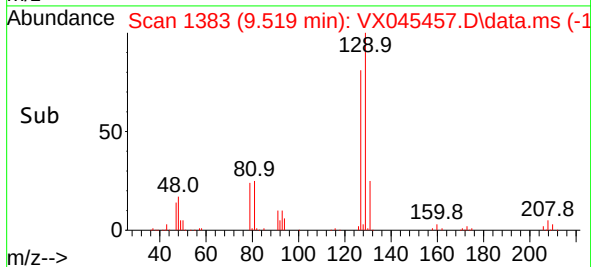
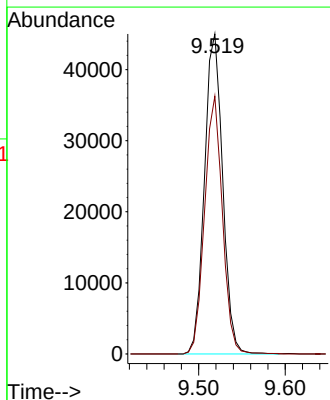
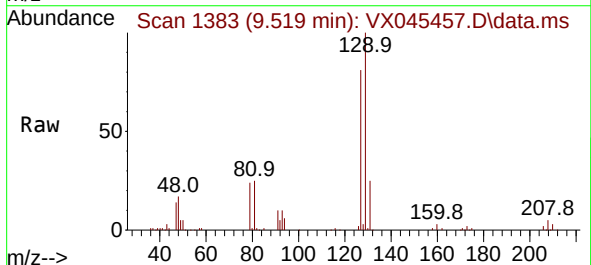
Manual Integrations
APPROVED

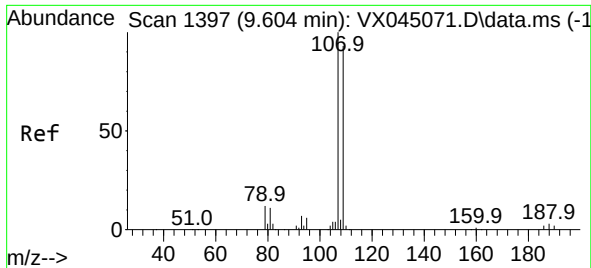
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#60
Dibromochloromethane
Concen: 57.231 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Tgt Ion:129 Resp: 65721
Ion Ratio Lower Upper
129 100
127 79.0 38.5 115.5





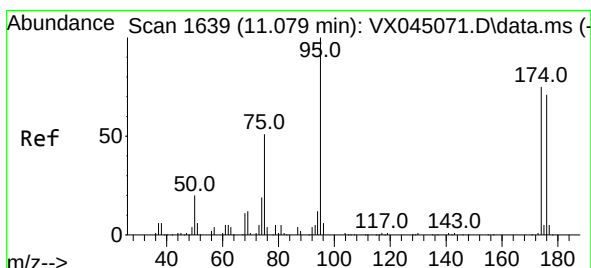
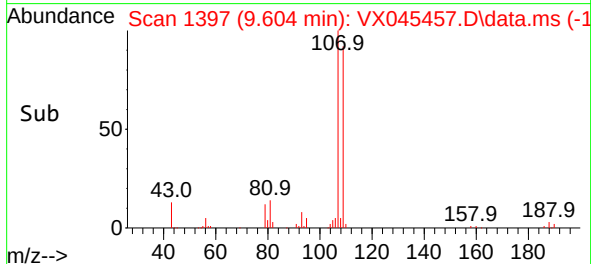
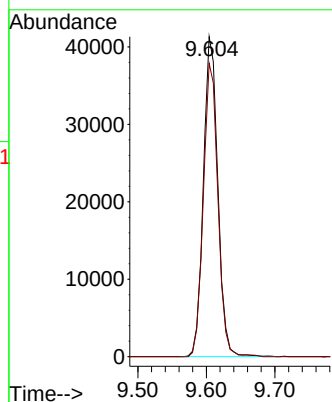
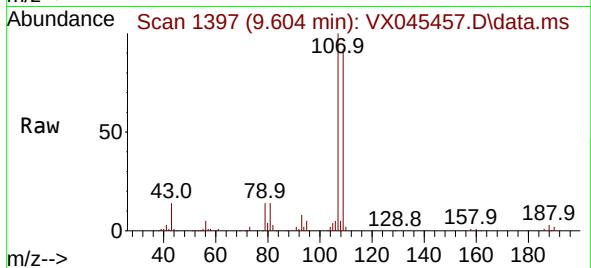
#61
1,2-Dibromoethane
Concen: 55.319 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 60652
Ion Ratio Lower Upper
107 100
109 92.4 76.1 114.1

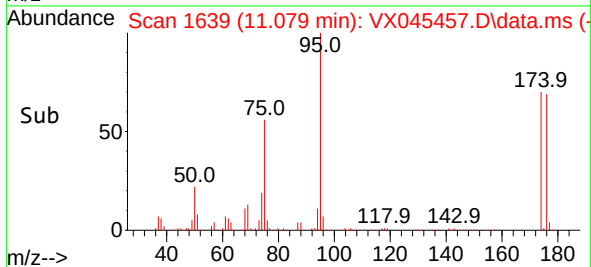
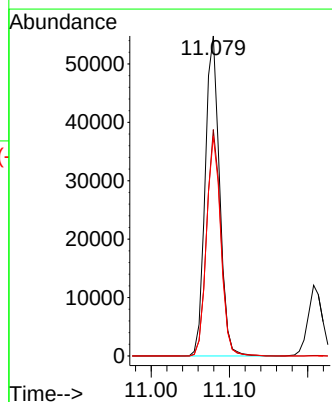
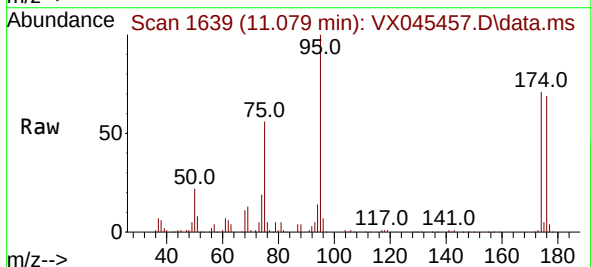
Manual Integrations
APPROVED

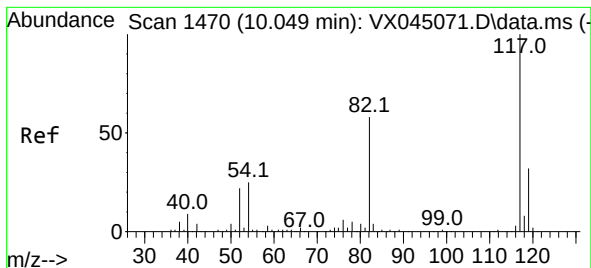
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#62
4-Bromofluorobenzene
Concen: 55.238 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

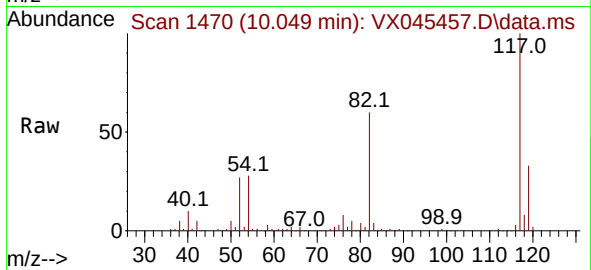
Tgt Ion: 95 Resp: 69676
Ion Ratio Lower Upper
95 100
174 69.9 0.0 148.2
176 68.1 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

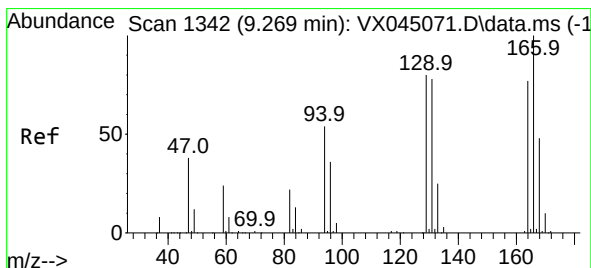
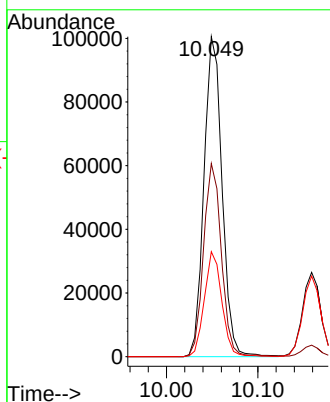
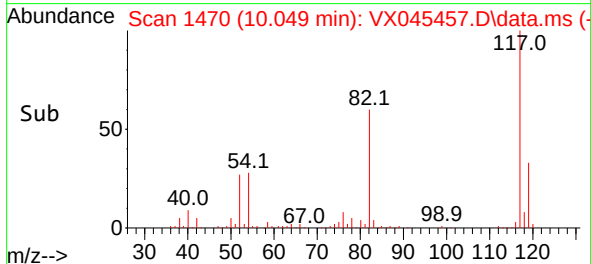
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 138010
Ion Ratio Lower Upper
117 100
82 60.4 46.3 69.5
119 32.8 25.7 38.5

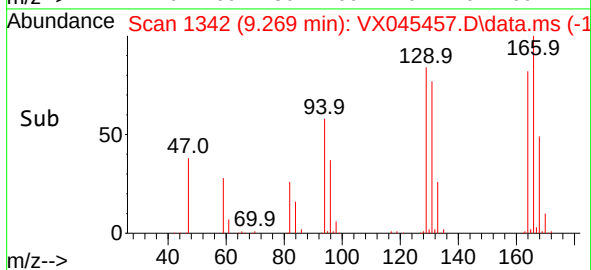
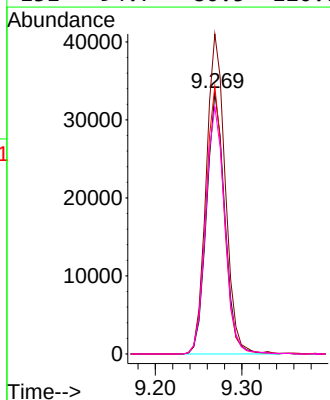
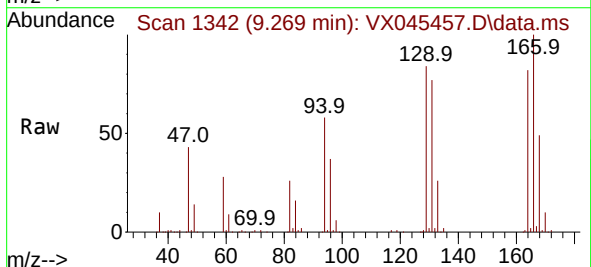
Manual Integrations
APPROVED

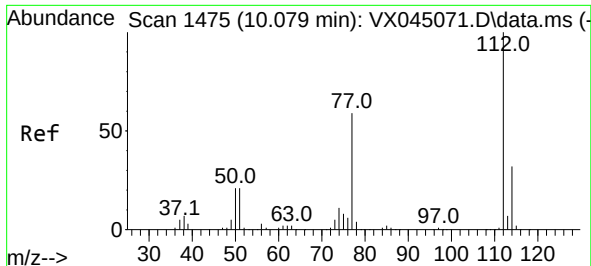
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#64
Tetrachloroethene
Concen: 55.374 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Tgt Ion:164 Resp: 48945
Ion Ratio Lower Upper
164 100
166 122.6 103.6 155.4
129 102.5 82.7 124.1
131 94.7 80.5 120.7





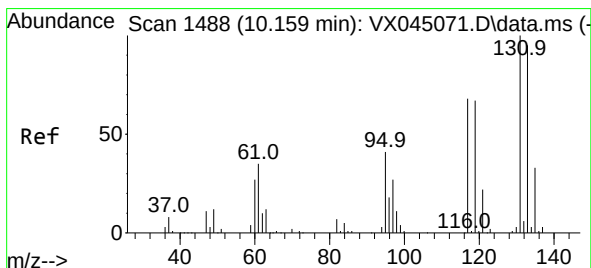
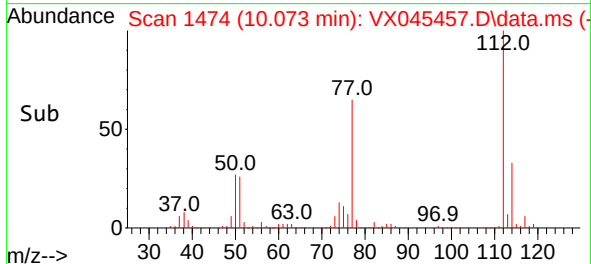
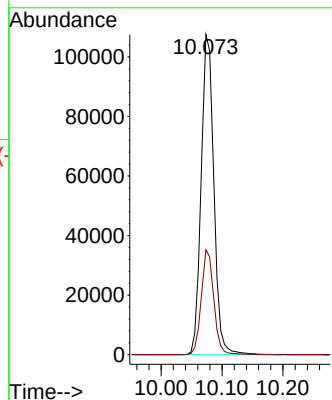
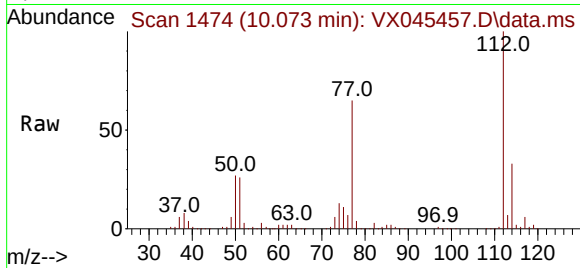
#65
Chlorobenzene
Concen: 53.491 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 156208
Ion Ratio Lower Upper
112 100
114 32.7 26.0 39.0

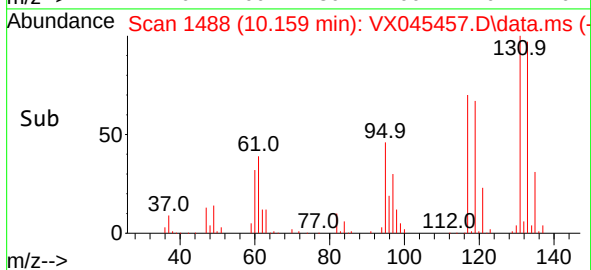
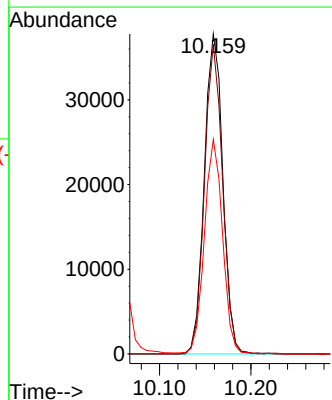
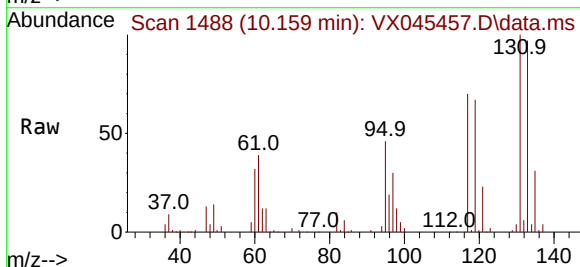
Manual Integrations
APPROVED

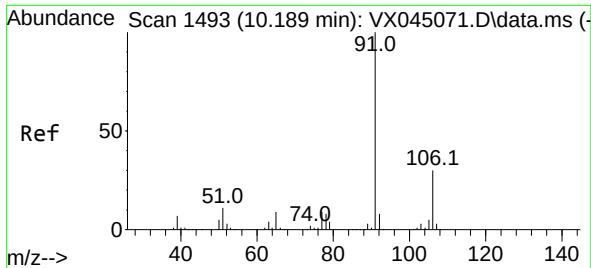
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 54.444 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

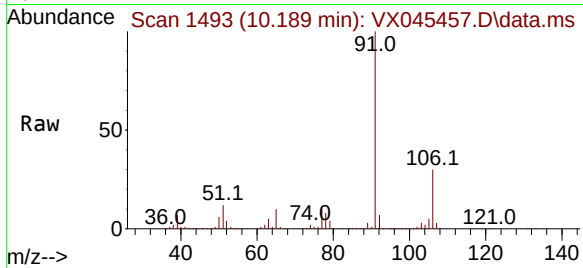
Tgt Ion:131 Resp: 52947
Ion Ratio Lower Upper
131 100
133 94.7 48.6 145.9
119 66.1 33.9 101.7





#67
Ethyl Benzene
Concen: 55.966 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

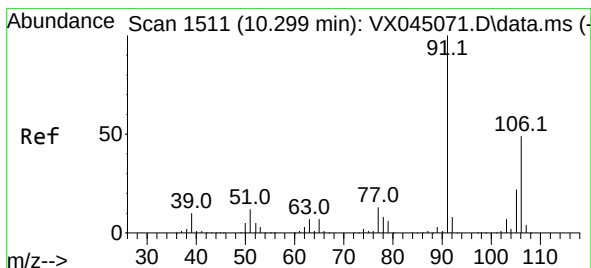
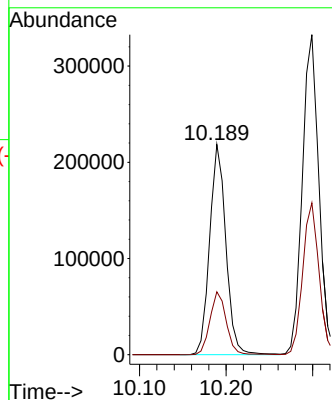
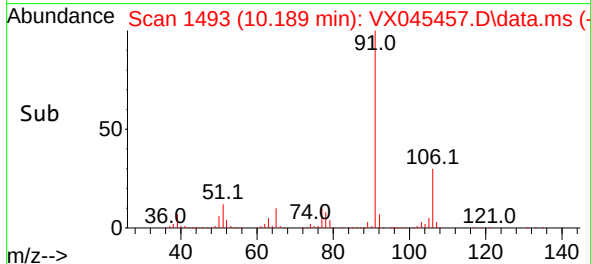
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



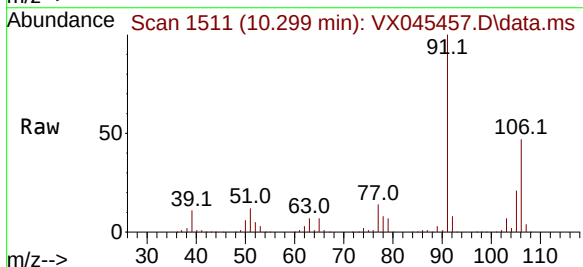
Tgt Ion: 91 Resp: 284774
Ion Ratio Lower Upper
91 100
106 29.9 23.9 35.9

Manual Integrations
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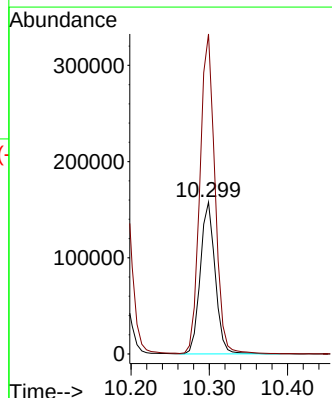
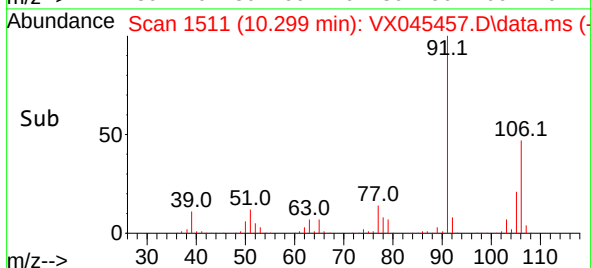
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

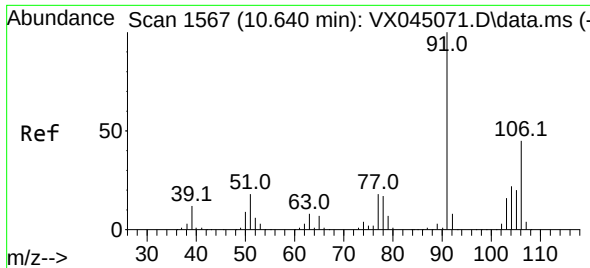


#68
m/p-Xylenes
Concen: 111.797 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03



Tgt Ion:106 Resp: 208248
Ion Ratio Lower Upper
106 100
91 213.5 165.4 248.0





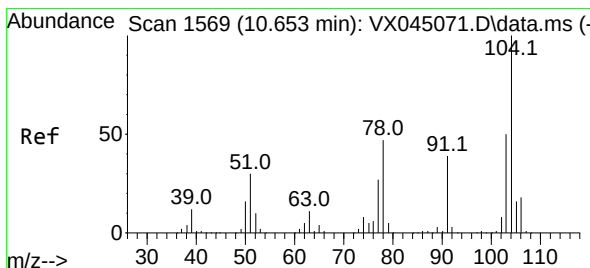
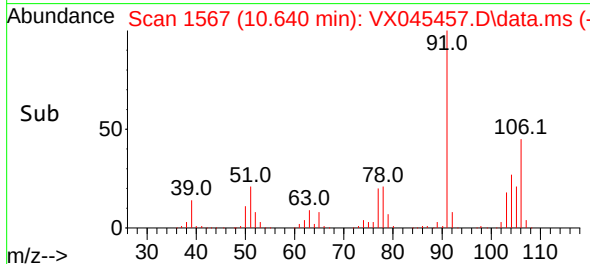
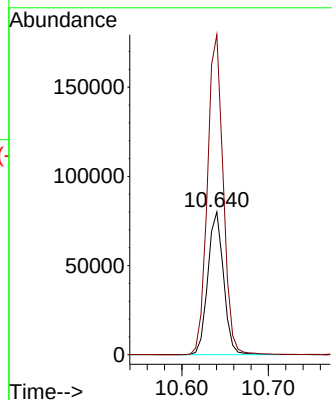
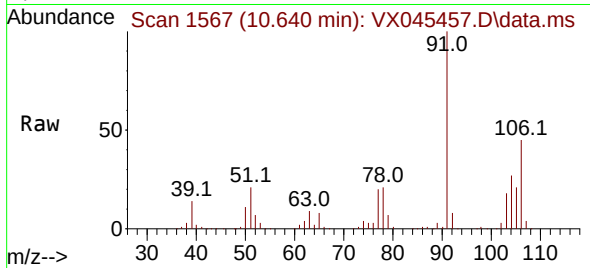
#69
o-Xylene
Concen: 53.800 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 101072
Ion Ratio Lower Upper
106 100
91 225.4 109.9 329.6

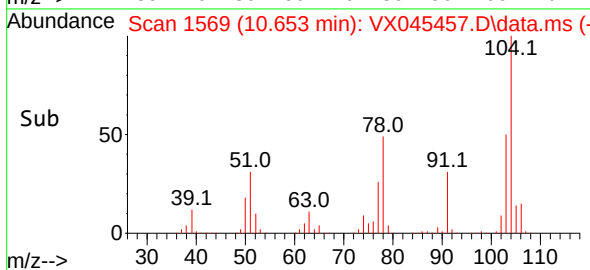
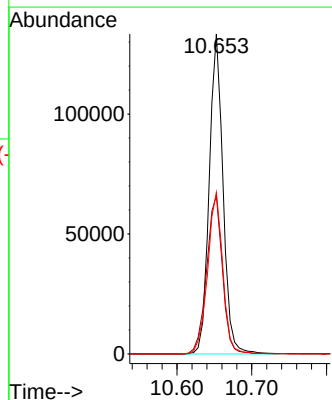
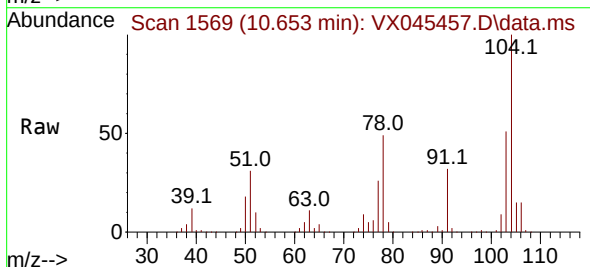
Manual Integrations
APPROVED

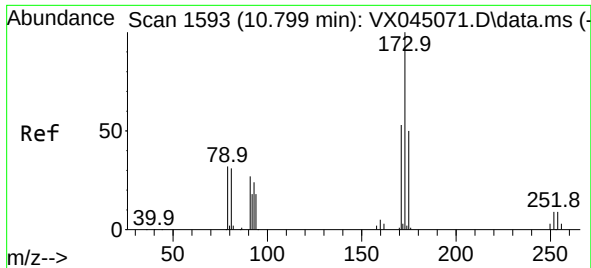
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#70
Styrene
Concen: 56.260 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

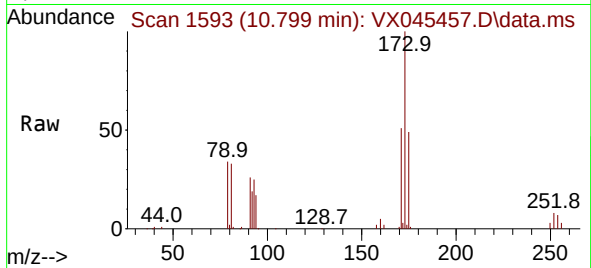
Tgt Ion:104 Resp: 171021
Ion Ratio Lower Upper
104 100
78 56.7 42.2 63.4
103 55.5 43.8 65.8





#71
Bromoform
Concen: 56.960 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

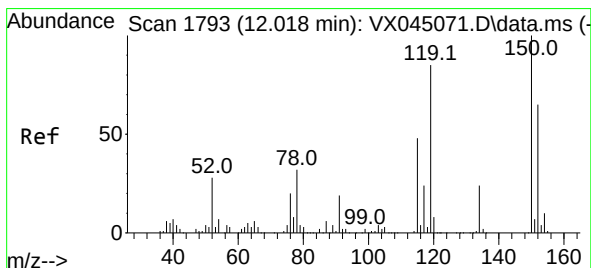
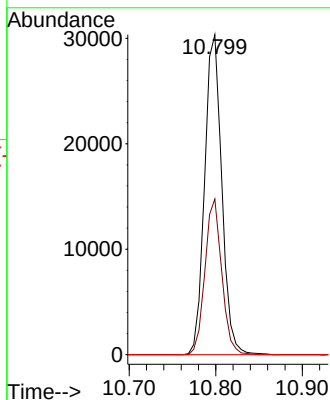
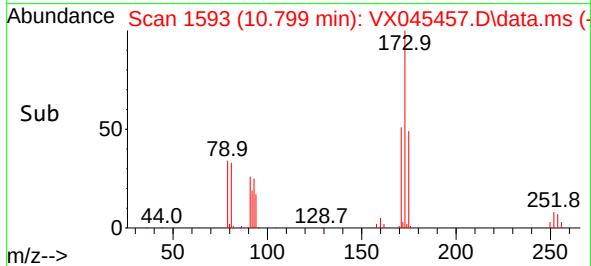
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



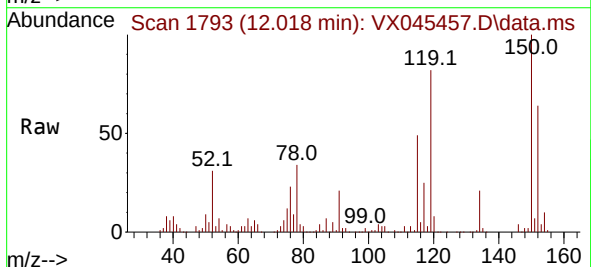
Tgt Ion:173 Resp: 41772
Ion Ratio Lower Upper
173 100
175 47.5 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

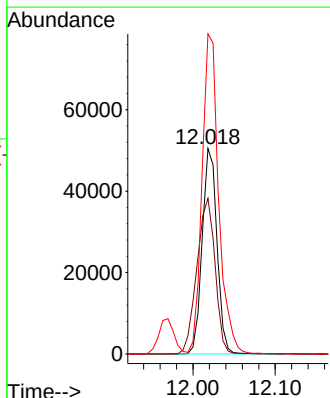
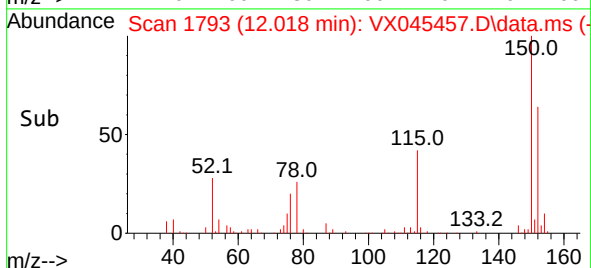
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

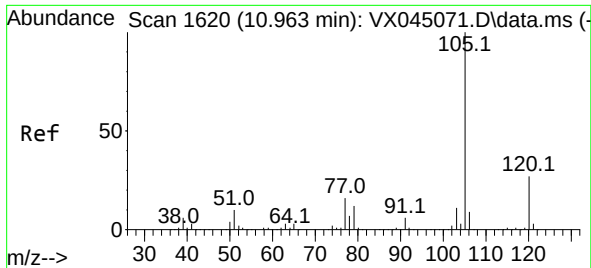


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03



Tgt Ion:152 Resp: 63053
Ion Ratio Lower Upper
152 100
115 93.2 44.2 132.6
150 175.3 0.0 349.0





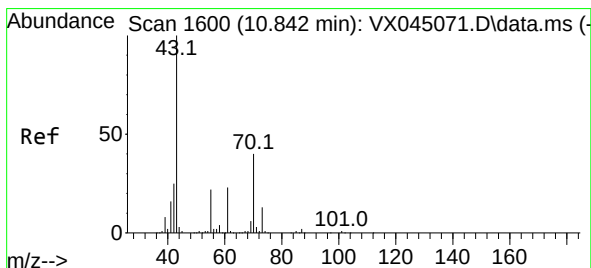
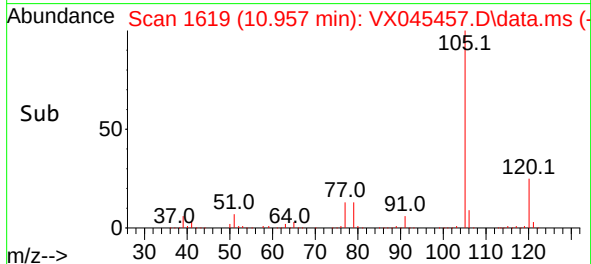
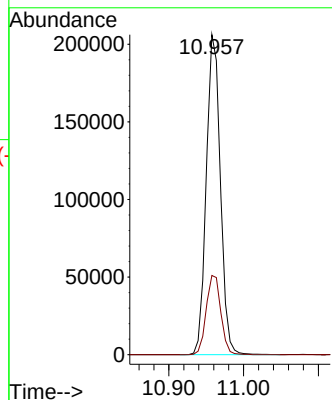
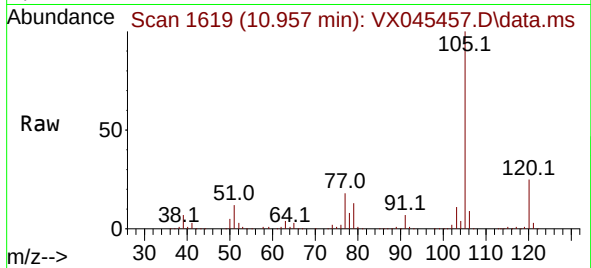
#73
Isopropylbenzene
Concen: 54.796 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 269678
Ion Ratio Lower Upper
105 100
120 25.6 13.2 39.5

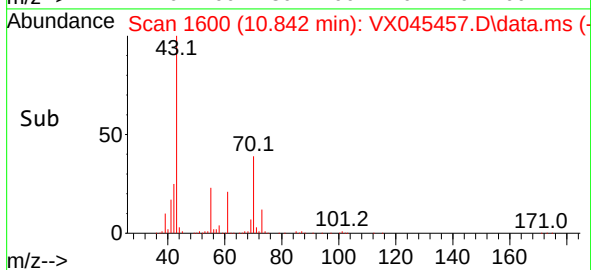
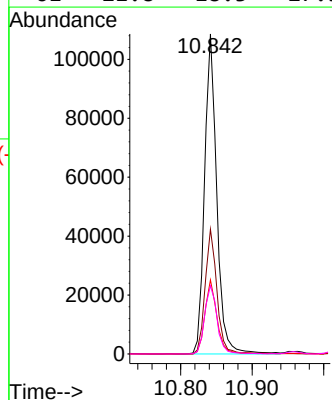
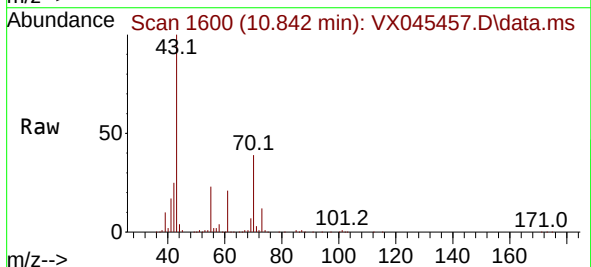
Manual Integrations
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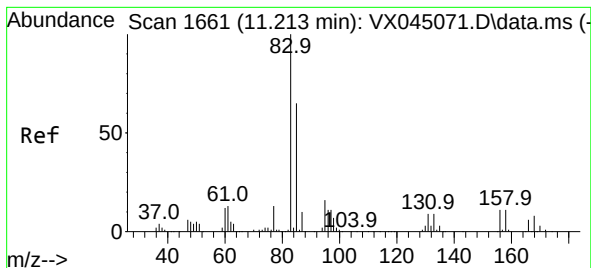
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#74
N-ethyl acetate
Concen: 55.694 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Tgt Ion: 43 Resp: 128614
Ion Ratio Lower Upper
43 100
70 38.1 31.8 47.6
55 22.9 18.3 27.5
61 21.8 18.3 27.5





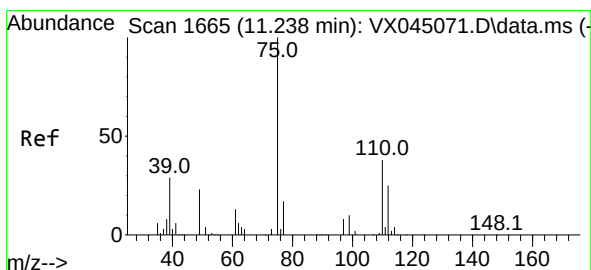
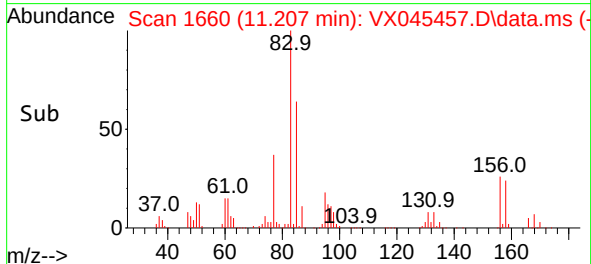
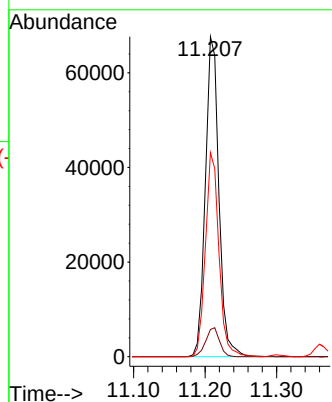
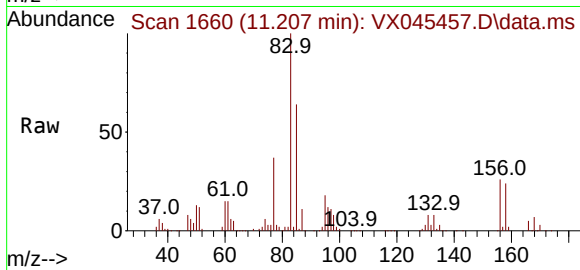
#75
1,1,2,2-Tetrachloroethane
Concen: 49.335 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 89098
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.4
85 63.7 31.7 95.1

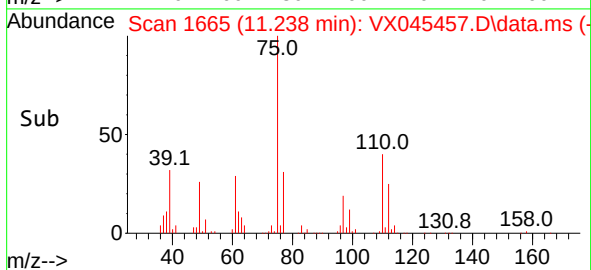
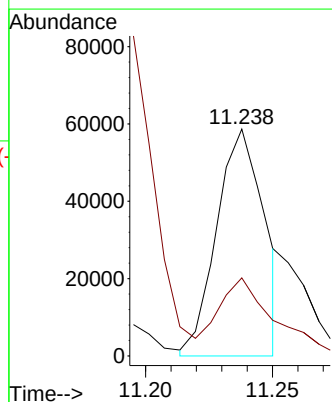
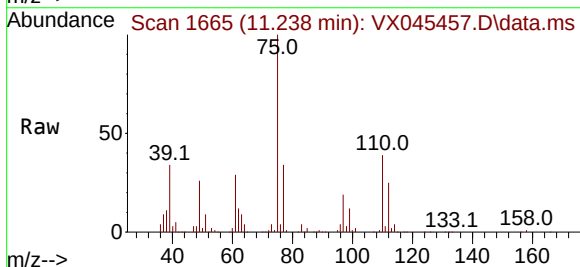
Manual Integrations
APPROVED

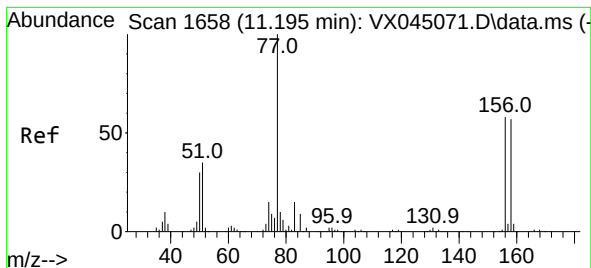
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#76
1,2,3-Trichloropropane
Concen: 52.163 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Tgt Ion: 75 Resp: 76552
Ion Ratio Lower Upper
75 100
77 40.8 20.7 62.1





#77

Bromobenzene

Concen: 51.354 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045457.D

Acq: 26 Mar 2025 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

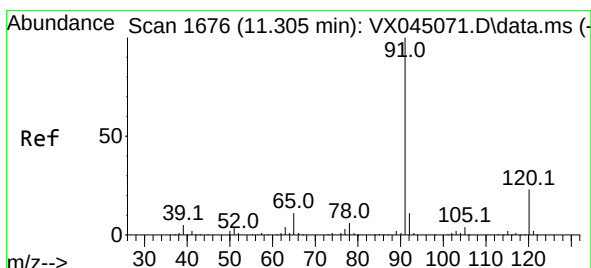
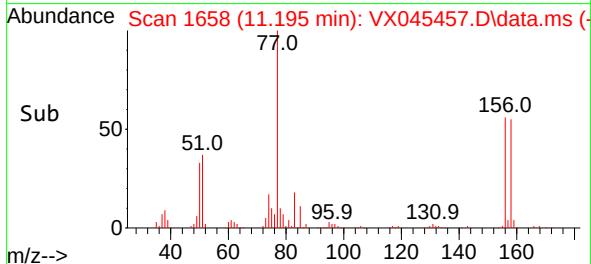
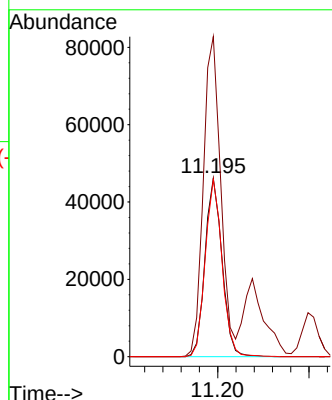
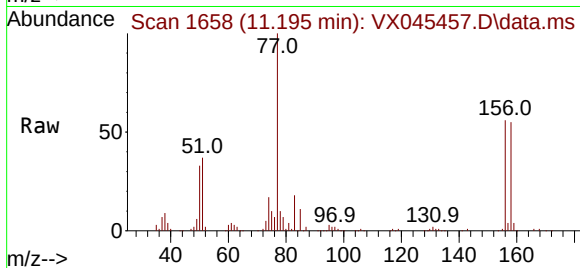
Tgt Ion:	156	Resp:	5963
Ion Ratio	Lower	Upper	
156	100		
77	183.3	85.8	257.4
158	98.3	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#78

n-propylbenzene

Concen: 57.179 ug/l

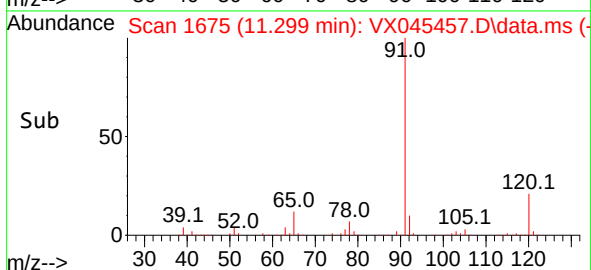
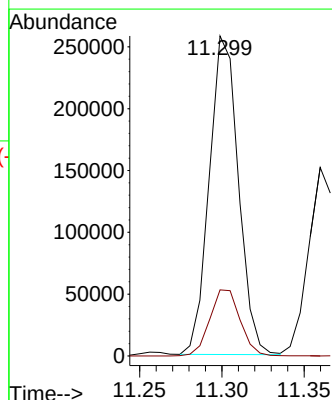
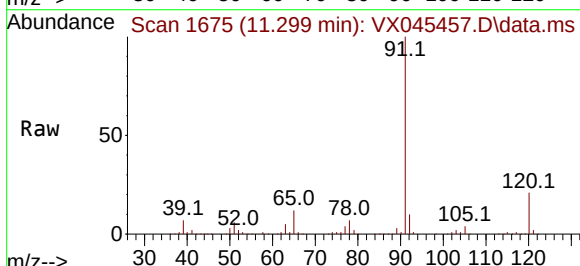
RT: 11.299 min Scan# 1675

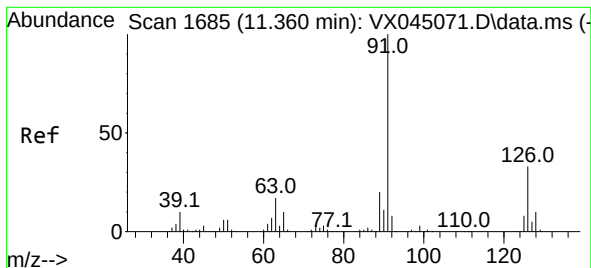
Delta R.T. -0.006 min

Lab File: VX045457.D

Acq: 26 Mar 2025 10:03

Tgt Ion:	91	Resp:	317882
Ion Ratio	Lower	Upper	
91	100		
120	21.7	11.2	33.6





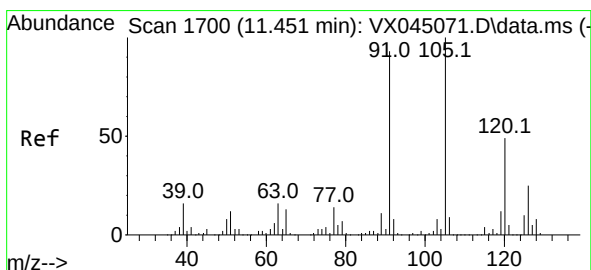
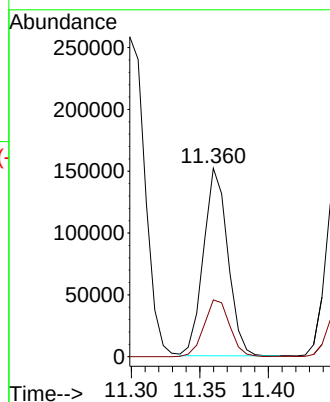
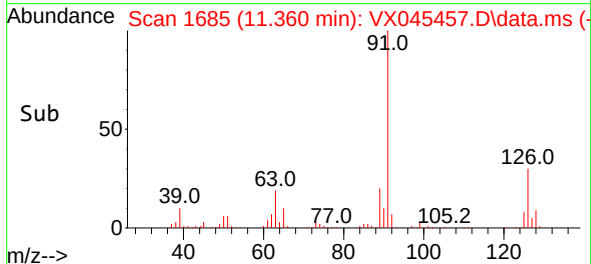
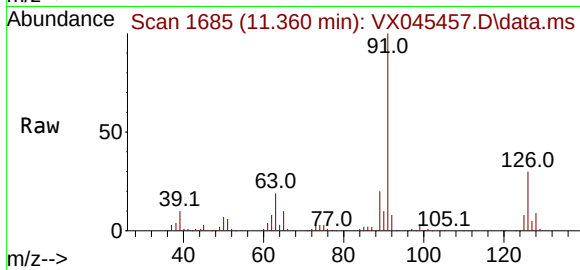
#79
2-Chlorotoluene
Concen: 53.055 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 187848
Ion Ratio Lower Upper
91 100
126 32.1 16.4 49.4

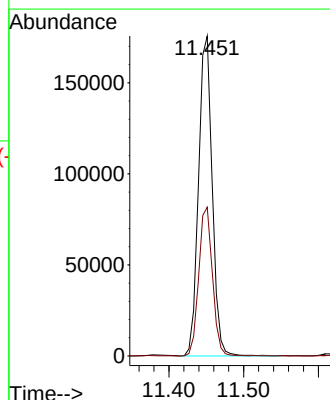
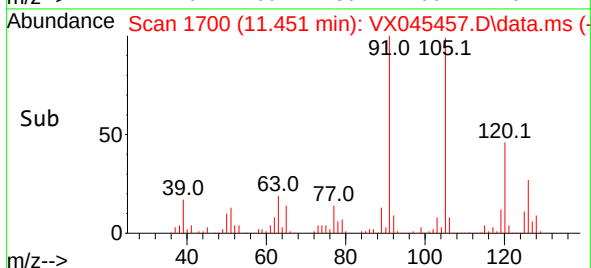
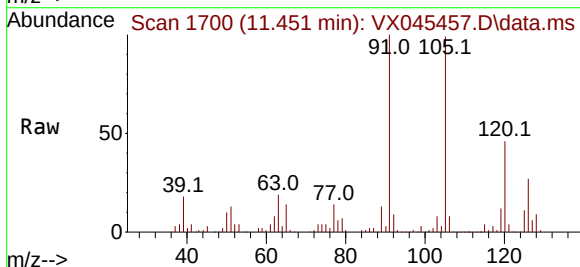
Manual Integrations
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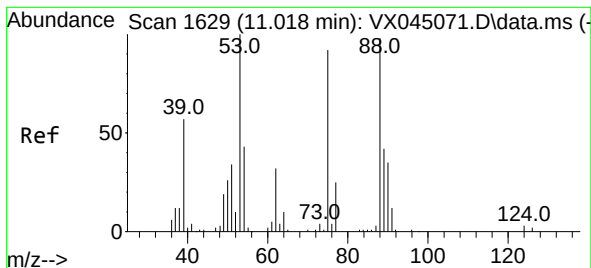
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#80
1,3,5-Trimethylbenzene
Concen: 56.020 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Tgt Ion:105 Resp: 222923
Ion Ratio Lower Upper
105 100
120 46.7 24.1 72.2





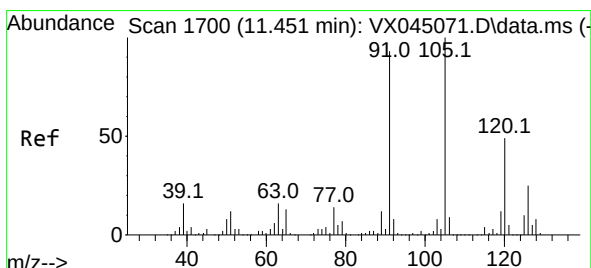
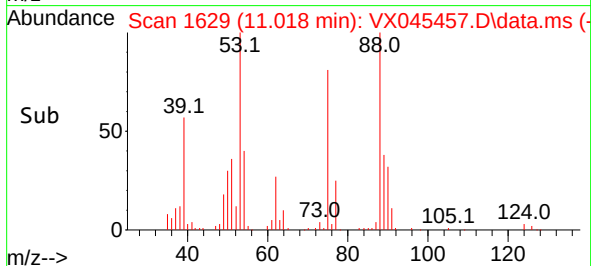
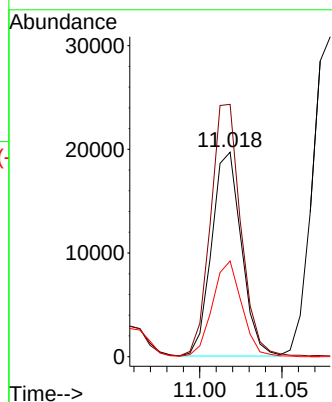
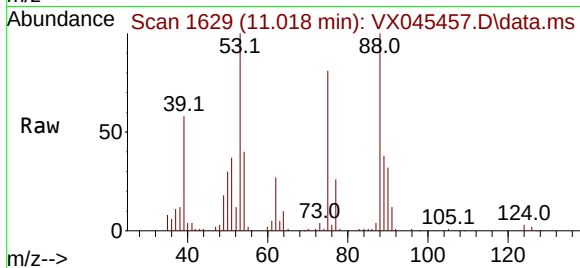
#81
trans-1,4-Dichloro-2-butene
Concen: 57.854 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 24810
Ion Ratio Lower Upper
75 100
53 126.9 88.5 132.7
89 46.2 36.2 54.4

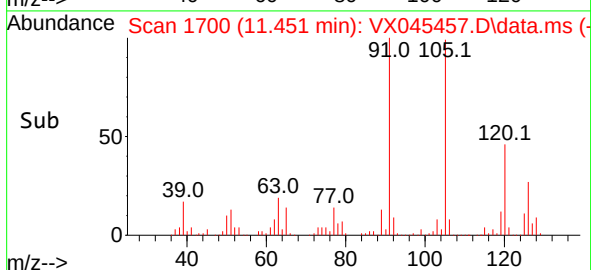
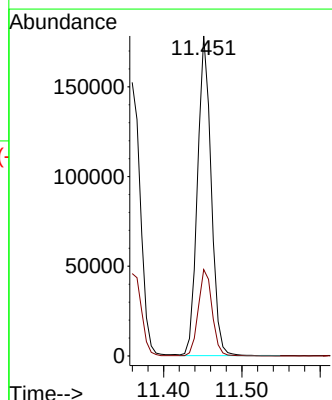
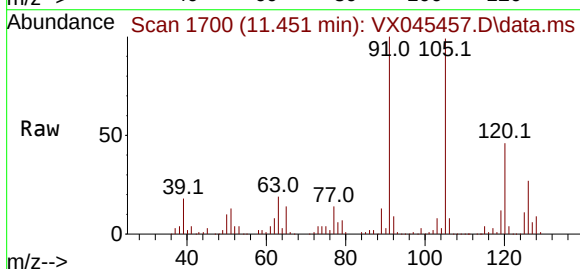
Manual Integrations
APPROVED

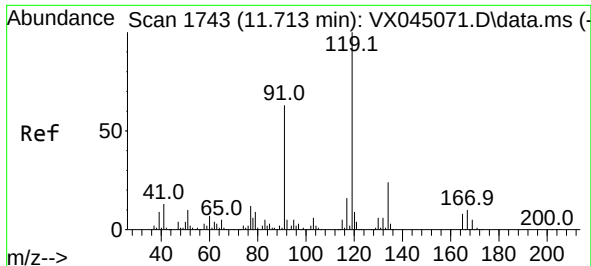
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#82
4-Chlorotoluene
Concen: 56.197 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

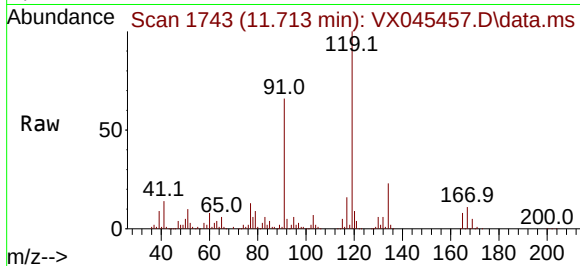
Tgt Ion: 91 Resp: 216854
Ion Ratio Lower Upper
91 100
126 27.4 14.1 42.4





#83
tert-Butylbenzene
Concen: 54.134 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

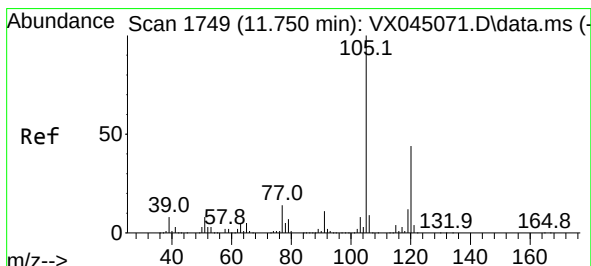
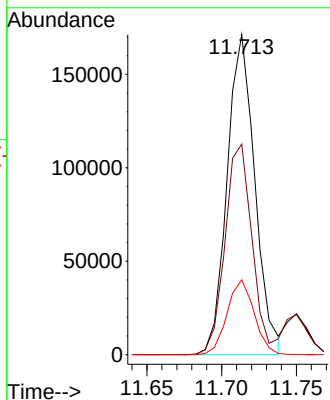
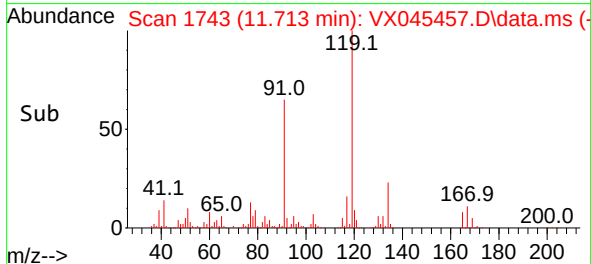
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



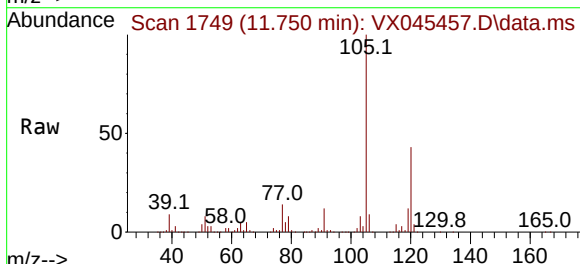
Tgt Ion:119 Resp: 22133
Ion Ratio Lower Upper
119 100
91 63.5 30.7 92.1
134 22.8 11.7 35.0

Manual Integrations
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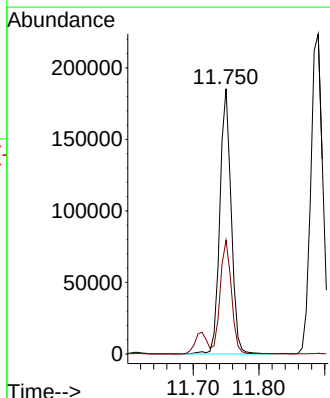
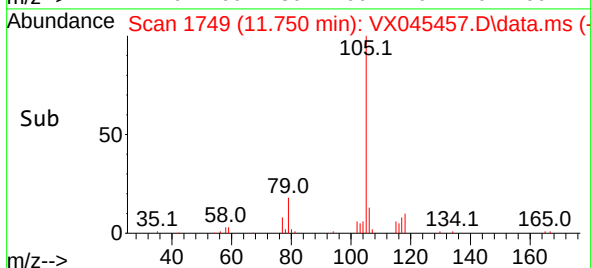
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

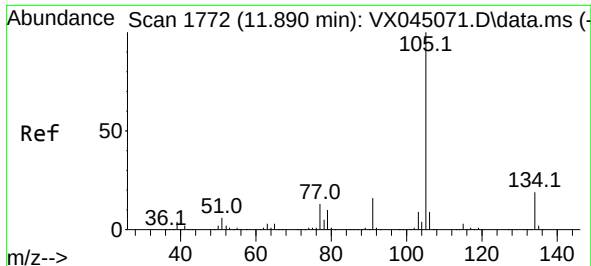


#84
1,2,4-Trimethylbenzene
Concen: 55.448 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03



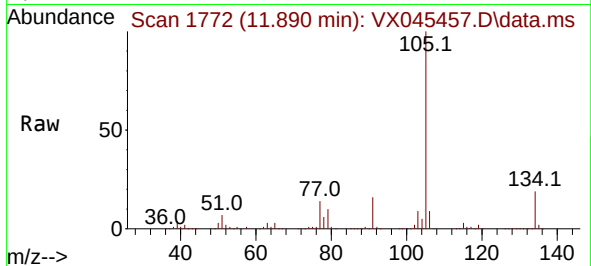
Tgt Ion:105 Resp: 222016
Ion Ratio Lower Upper
105 100
120 42.8 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 57.451 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045457.D
 Acq: 26 Mar 2025 10:03

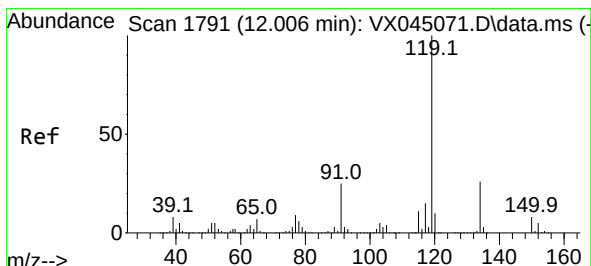
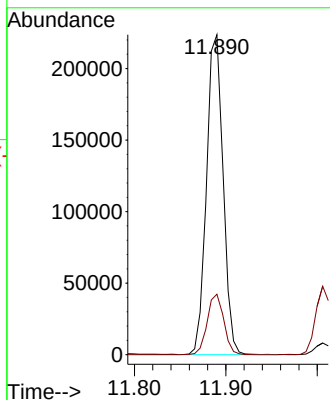
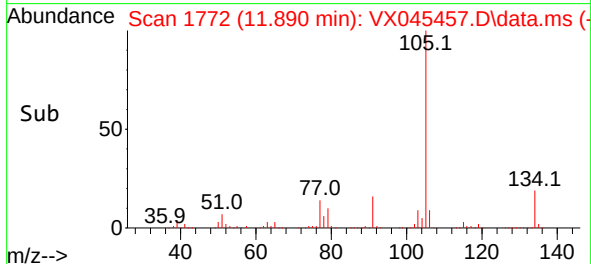
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



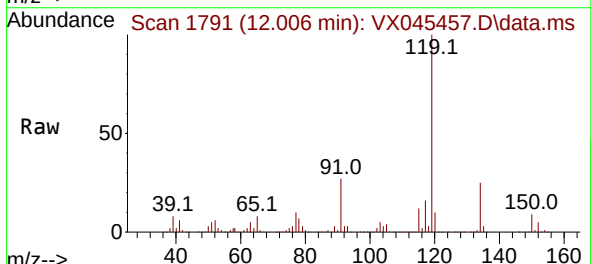
Tgt Ion:105 Resp: 28138
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4

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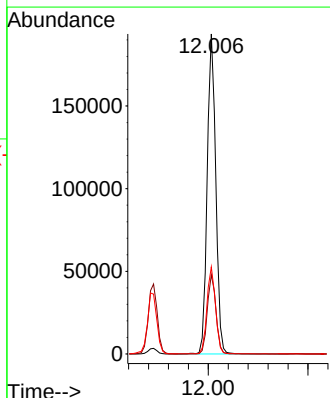
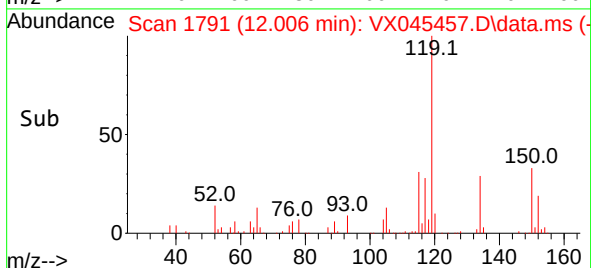
Reviewed By :John Carlone 03/28/2025
 Supervised By :Mahesh Dadoda 03/28/2025

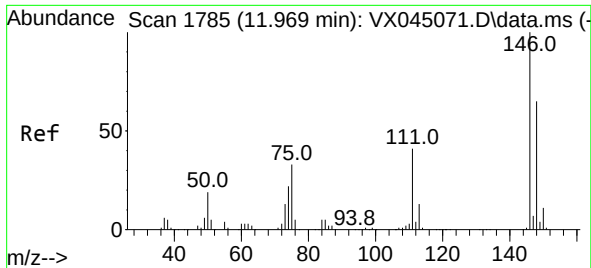


#86
 p-Isopropyltoluene
 Concen: 58.167 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045457.D
 Acq: 26 Mar 2025 10:03



Tgt Ion:119 Resp: 230228
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.9 38.6
 91 27.1 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 52.211 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045457.D

Acq: 26 Mar 2025 10:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 10815

Ion Ratio Lower Upper

146 100

111 43.6 21.1 63.4

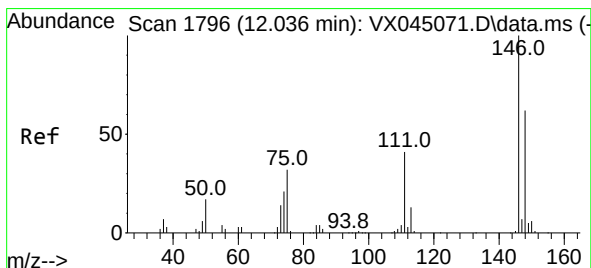
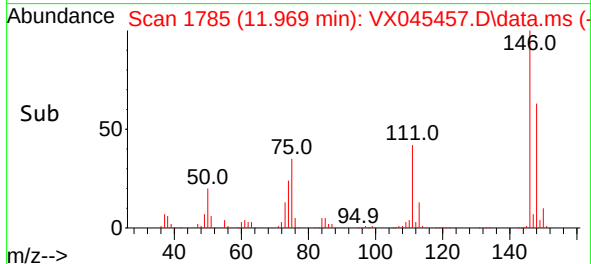
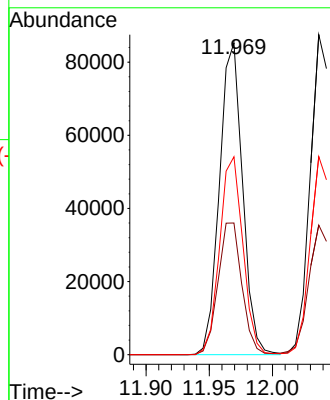
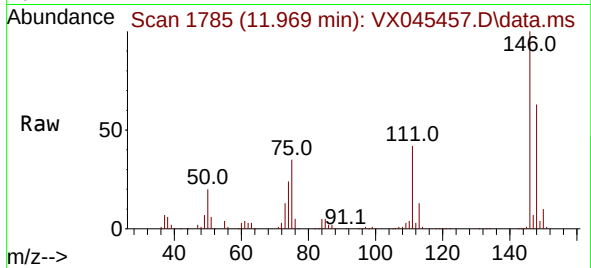
148 64.0 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/28/2025

Supervised By :Mahesh Dadoda 03/28/2025



#88

1,4-Dichlorobenzene

Concen: 51.357 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045457.D

Acq: 26 Mar 2025 10:03

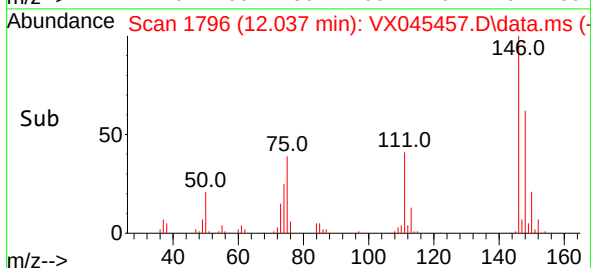
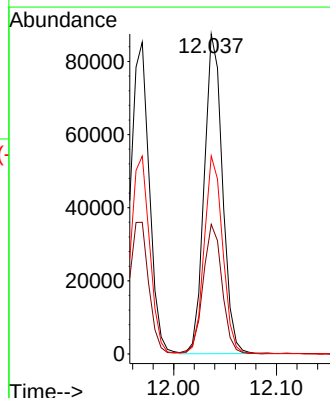
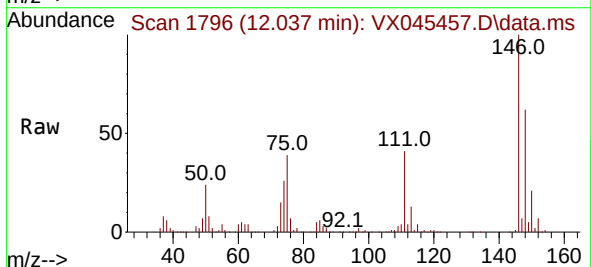
Tgt Ion:146 Resp: 107631

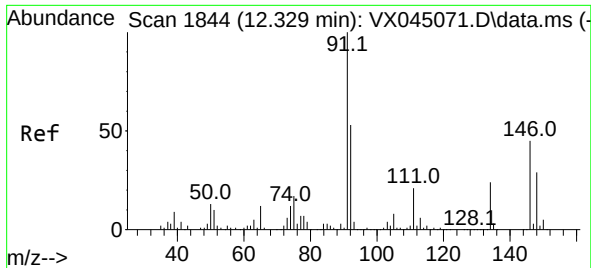
Ion Ratio Lower Upper

146 100

111 42.3 20.2 60.5

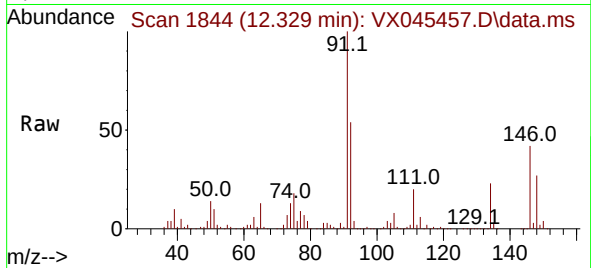
148 62.6 31.9 95.9





#89
n-Butylbenzene
Concen: 60.962 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

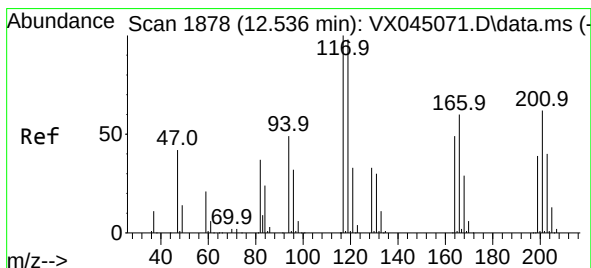
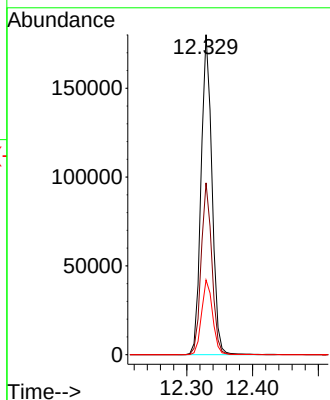
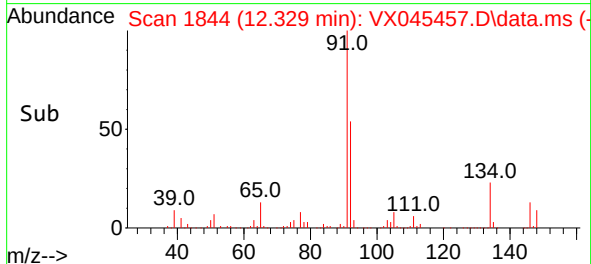
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 207819
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.0
134 23.6 12.2 36.6

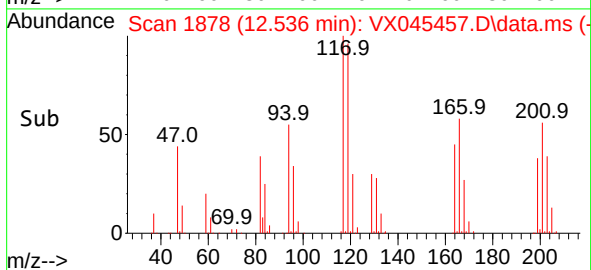
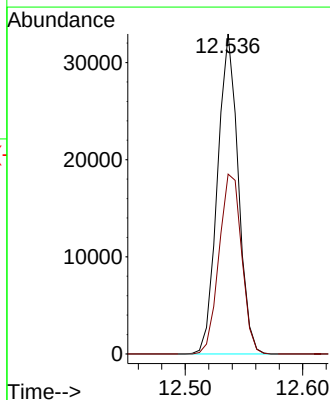
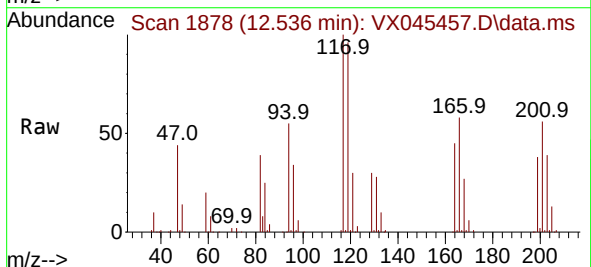
Manual Integrations
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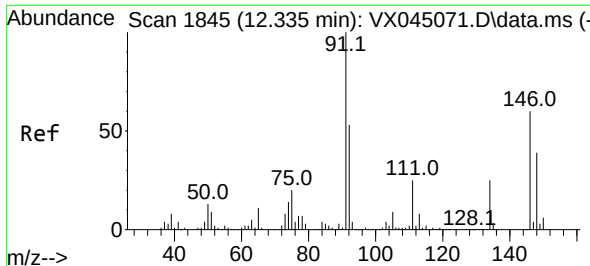
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#90
Hexachloroethane
Concen: 56.455 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

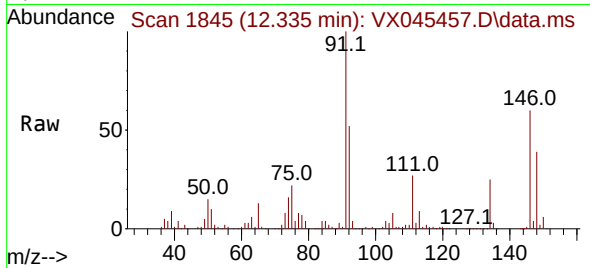
Tgt Ion:117 Resp: 40417
Ion Ratio Lower Upper
117 100
201 61.2 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 51.100 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

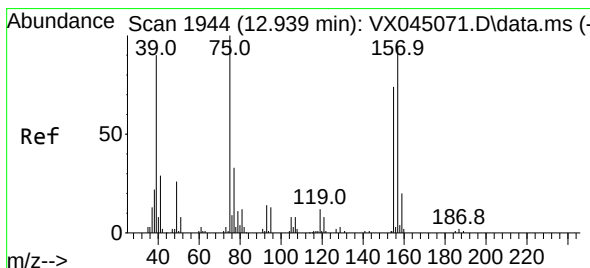
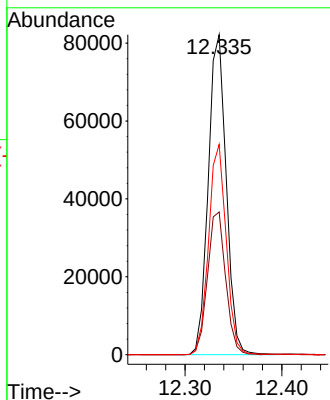
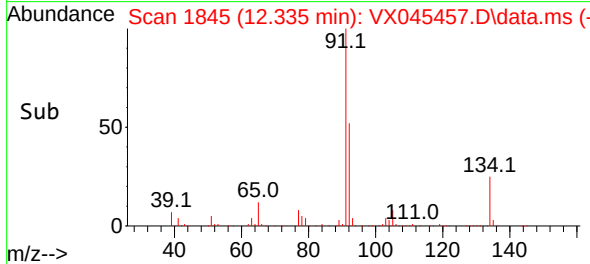
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



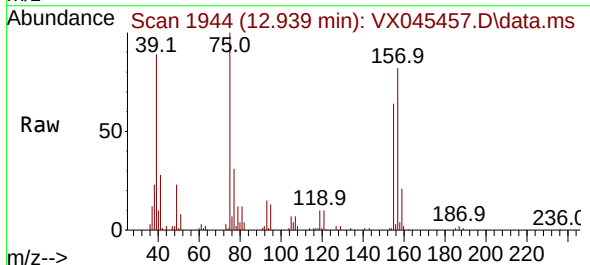
Tgt Ion:146 Resp: 106180
Ion Ratio Lower Upper
146 100
111 45.2 21.6 65.0
148 64.6 31.9 95.9

Manual Integrations
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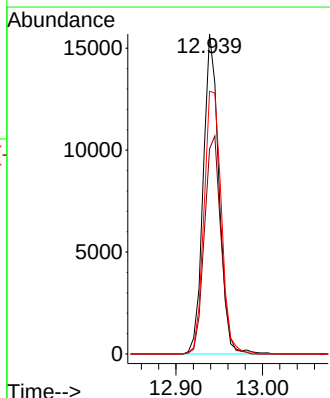
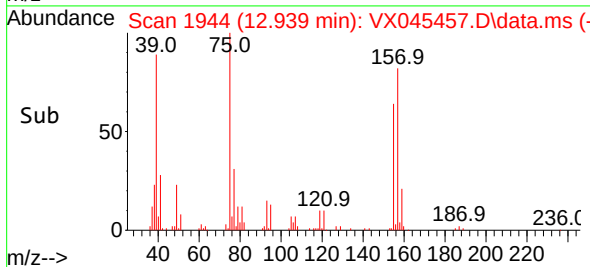
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

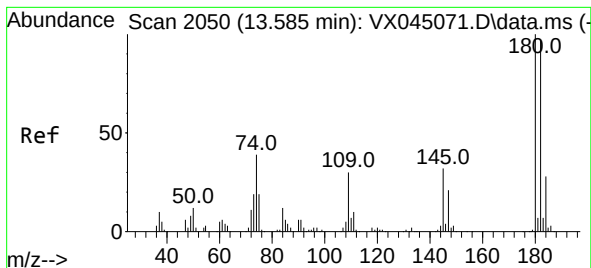


#92
1,2-Dibromo-3-Chloropropane
Concen: 56.165 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03



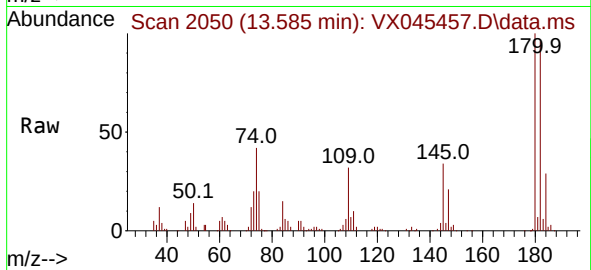
Tgt Ion: 75 Resp: 19761
Ion Ratio Lower Upper
75 100
155 72.2 39.6 118.7
157 90.2 51.1 153.4





#93
1,2,4-Trichlorobenzene
Concen: 53.203 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

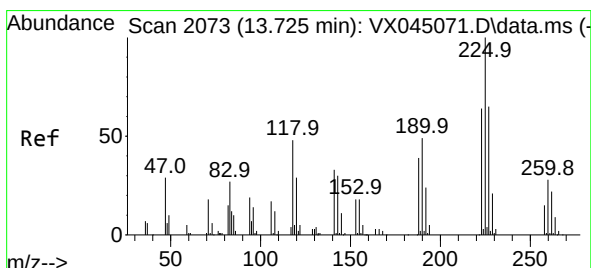
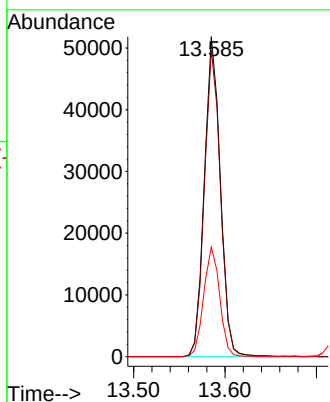
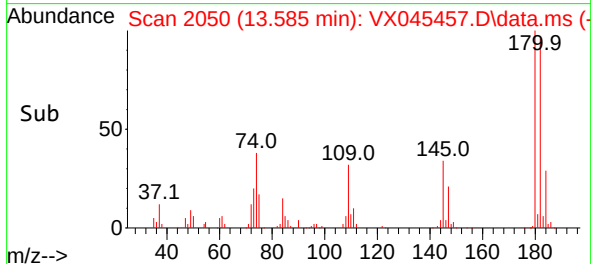
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



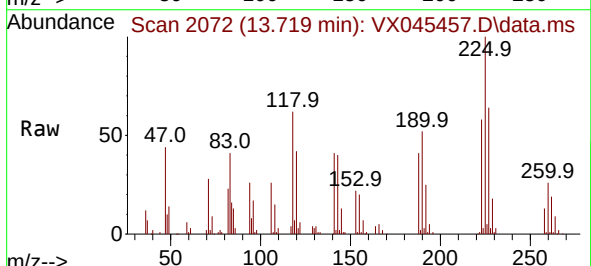
Tgt Ion:180 Resp: 6295
Ion Ratio Lower Upper
180 100
182 96.3 47.3 141.9
145 34.1 16.3 48.9

Manual Integrations
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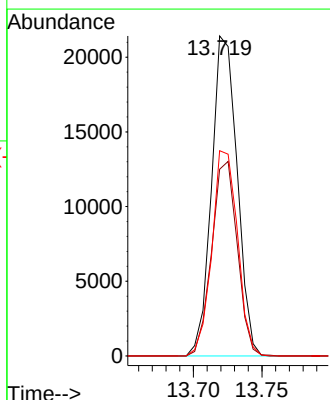
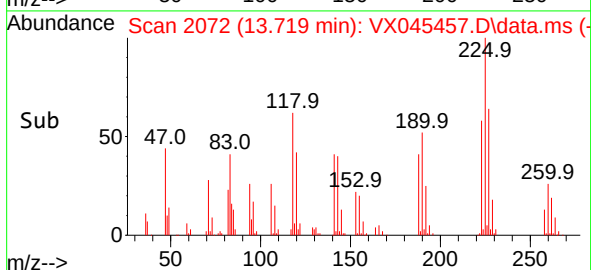
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025

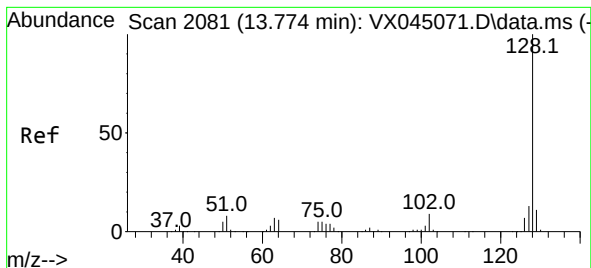


#94
Hexachlorobutadiene
Concen: 57.244 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03



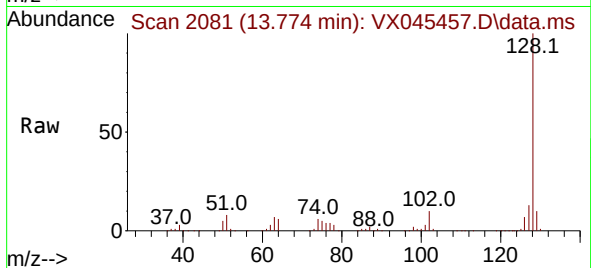
Tgt Ion:225 Resp: 27769
Ion Ratio Lower Upper
225 100
223 60.9 31.9 95.7
227 64.3 31.4 94.0





#95
Naphthalene
Concen: 51.221 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03

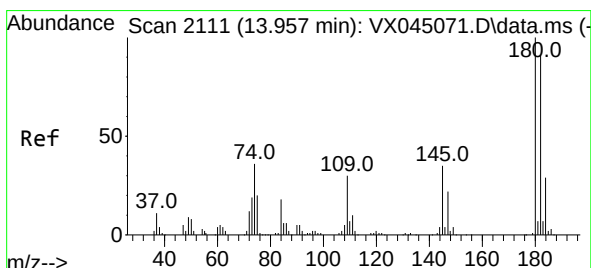
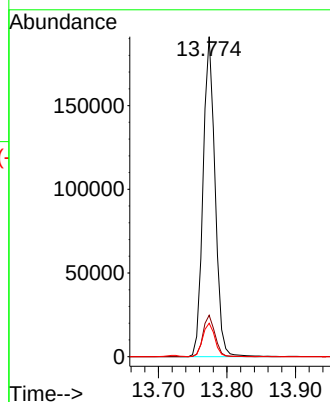
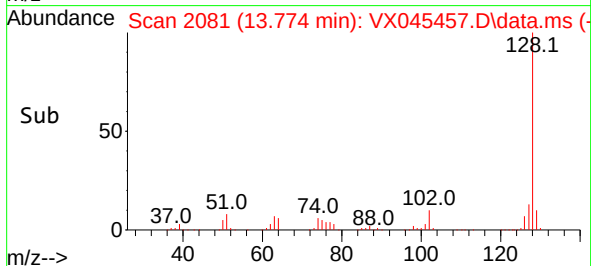
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



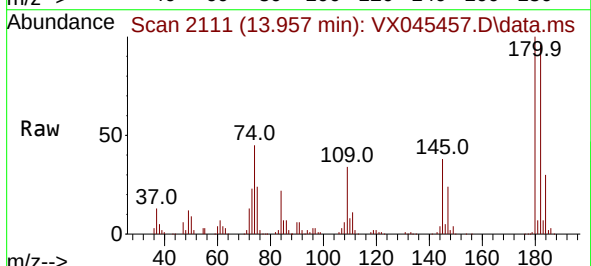
Tgt Ion:128 Resp: 232852
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#96
1,2,3-Trichlorobenzene
Concen: 51.414 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX045457.D
Acq: 26 Mar 2025 10:03



Tgt Ion:180 Resp: 64177
Ion Ratio Lower Upper
180 100
182 96.0 47.5 142.6
145 36.7 17.0 50.9

