

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
 Data File : VX045155.D
 Acq On : 06 Mar 2025 09:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 07 00:36:04 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/10/2025
 Supervised By : Mahesh Dadoda 03/10/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	99532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175834	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	153746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77946	49.233	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.460%		
35) Dibromofluoromethane	5.379	113	59938	50.978	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.960%		
50) Toluene-d8	8.647	98	218659	51.298	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.600%		
62) 4-Bromofluorobenzene	11.079	95	73689	52.170	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.340%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	62832	50.150	ug/l	97
3) Chloromethane	1.307	50	71998	46.958	ug/l	97
4) Vinyl Chloride	1.374	62	72148	47.434	ug/l	95
5) Bromomethane	1.593	94	27896	46.654	ug/l	97
6) Chloroethane	1.660	64	29705	42.341	ug/l	95
7) Trichlorofluoromethane	1.861	101	96812	48.081	ug/l	100
8) Diethyl Ether	2.136	74	36087	45.821	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.313	101	61310	52.999	ug/l	99
10) Methyl Iodide	2.441	142	74610	51.610	ug/l	98
11) Tert butyl alcohol	3.002	59	58538	195.202	ug/l	98
12) 1,1-Dichloroethene	2.307	96	59671	48.789	ug/l	96
13) Acrolein	2.239	56	73987	213.430	ug/l	100
14) Allyl chloride	2.654	41	109096	50.112	ug/l	98
15) Acrylonitrile	3.069	53	198270	246.689	ug/l	99
16) Acetone	2.392	43	171774	233.847	ug/l	100
17) Carbon Disulfide	2.495	76	145559	44.684	ug/l	98
18) Methyl Acetate	2.709	43	95234	53.893	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	200537	48.872	ug/l	99
20) Methylene Chloride	2.782	84	70093	48.172	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	60722	50.255	ug/l	98
22) Diisopropyl ether	3.764	45	224890	50.793	ug/l	96
23) Vinyl Acetate	3.721	43	950142	257.151	ug/l	100
24) 1,1-Dichloroethane	3.599	63	120920	48.731	ug/l	99
25) 2-Butanone	4.562	43	280778	253.939	ug/l	96
26) 2,2-Dichloropropane	4.465	77	79357	68.182	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	74696	50.079	ug/l	98
28) Bromochloromethane	4.891	49	54795	46.329	ug/l	98
29) Tetrahydrofuran	5.007	42	181493	244.426	ug/l	99
30) Chloroform	5.087	83	120327	48.804	ug/l	99
31) Cyclohexane	5.464	56	108111	50.191	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	97325	48.875	ug/l	99
36) 1,1-Dichloropropene	5.684	75	80527	49.941	ug/l	99
37) Ethyl Acetate	4.715	43	104246	50.173	ug/l	99
38) Carbon Tetrachloride	5.666	117	80480	49.163	ug/l	98
39) Methylcyclohexane	7.373	83	105138	54.417	ug/l	98
40) Benzene	6.031	78	257458	50.564	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
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Manual Integrations
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Reviewed By : John Carlone 03/10/2025
 Supervised By : Mahesh Dadoda 03/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	58347	51.935	ug/l	98
42) 1,2-Dichloroethane	6.086	62	93921	51.224	ug/l	100
43) Isopropyl Acetate	6.342	43	158752	51.671	ug/l	99
44) Trichloroethene	7.123	130	60024	50.205	ug/l	99
45) 1,2-Dichloropropane	7.428	63	66275	50.625	ug/l	99
46) Dibromomethane	7.580	93	47874	51.739	ug/l	100
47) Bromodichloromethane	7.818	83	91992	50.685	ug/l	98
48) Methyl methacrylate	7.690	41	80137	51.991	ug/l	99
49) 1,4-Dioxane	7.665	88	32662	1004.564	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	541338	262.414	ug/l	99
52) Toluene	8.714	92	156953	52.538	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	82047	54.074	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	95642	54.055	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	62335	50.685	ug/l	99
56) Ethyl methacrylate	9.116	69	97896	52.367	ug/l	99
57) 1,3-Dichloropropane	9.305	76	107677	50.592	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	249971	274.113	ug/l	99
59) 2-Hexanone	9.433	43	396084	264.998	ug/l	100
60) Dibromochloromethane	9.519	129	66396	51.634	ug/l	100
61) 1,2-Dibromoethane	9.610	107	62076	50.561	ug/l	100
64) Tetrachloroethene	9.269	164	49532	50.303	ug/l	92
65) Chlorobenzene	10.073	112	165756	50.951	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	54204	50.032	ug/l	99
67) Ethyl Benzene	10.189	91	296897	52.376	ug/l	100
68) m/p-Xylenes	10.299	106	216494	104.329	ug/l	97
69) o-Xylene	10.640	106	106776	51.019	ug/l	100
70) Styrene	10.653	104	178838	52.810	ug/l	100
71) Bromoform	10.799	173	40824	49.970	ug/l #	99
73) Isopropylbenzene	10.957	105	276189	50.984	ug/l	99
74) N-amyl acetate	10.842	43	131698	51.811	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	98154	49.376	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79287m	49.083	ug/l	
77) Bromobenzene	11.195	156	64179	50.213	ug/l	98
78) n-propylbenzene	11.305	91	322984	52.781	ug/l	99
79) 2-Chlorotoluene	11.360	91	193846	49.740	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	224986	51.365	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	24421	51.737	ug/l	94
82) 4-Chlorotoluene	11.451	91	215920	50.836	ug/l	99
83) tert-Butylbenzene	11.713	119	226930	50.423	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	227267	51.566	ug/l	100
85) sec-Butylbenzene	11.890	105	284085	52.696	ug/l	99
86) p-Isopropyltoluene	12.006	119	233986	53.707	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	113668	49.852	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	114115	49.469	ug/l	98
89) n-Butylbenzene	12.329	91	209635	55.868	ug/l	99
90) Hexachloroethane	12.536	117	39179	49.718	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	117105	51.199	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19847	51.248	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	70127	53.845	ug/l	99
94) Hexachlorobutadiene	13.725	225	27989	52.418	ug/l	99
95) Naphthalene	13.774	128	266376	53.234	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	73124	53.222	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDCCC050

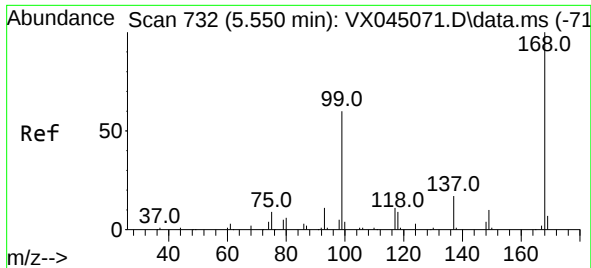
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 03/10/2025

Quant Time: Mar 07 00:36:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

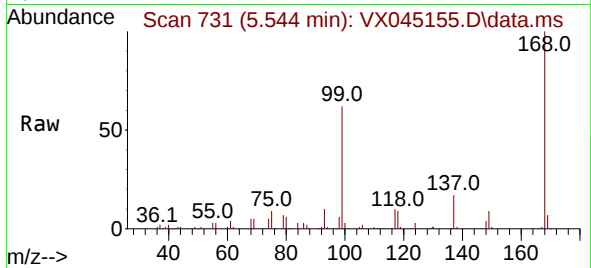
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

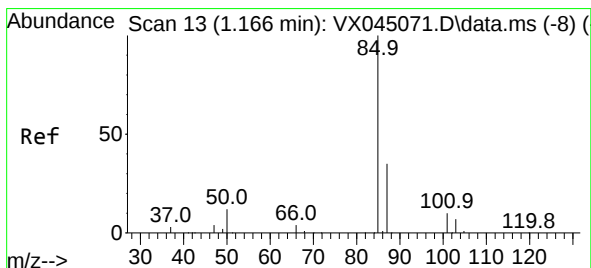
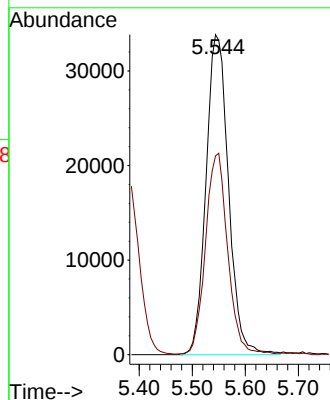
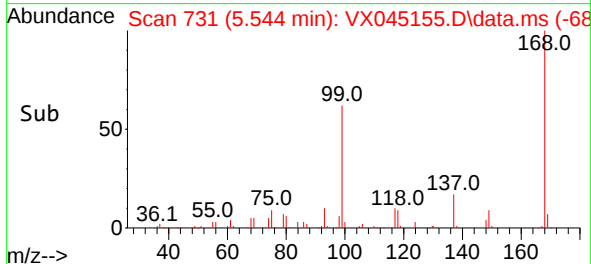
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 99532
Ion Ratio Lower Upper
168 100
99 61.9 48.2 72.4

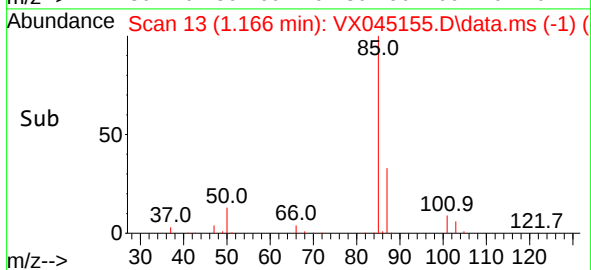
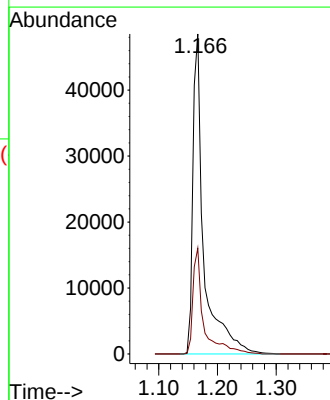
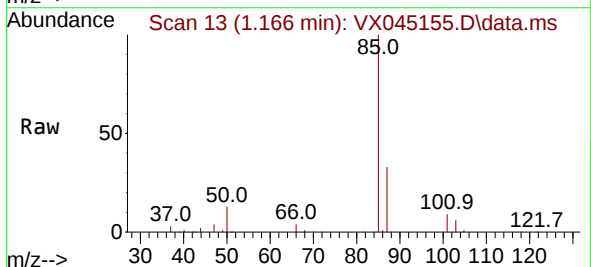
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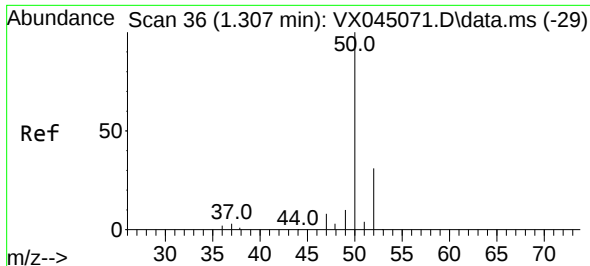
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#2
Dichlorodifluoromethane
Concen: 50.150 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Tgt Ion: 85 Resp: 62832
Ion Ratio Lower Upper
85 100
87 33.0 17.4 52.3





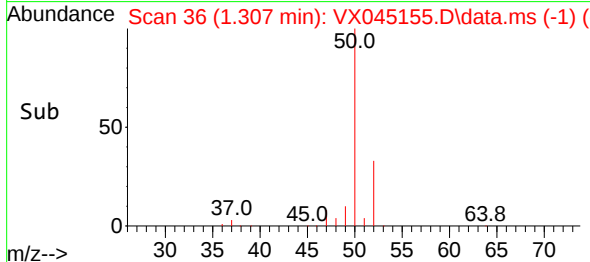
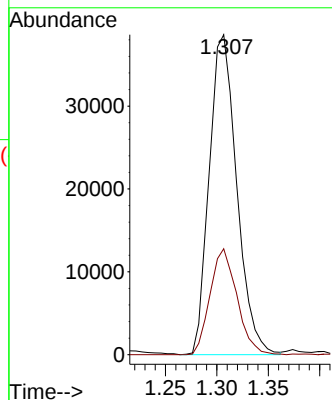
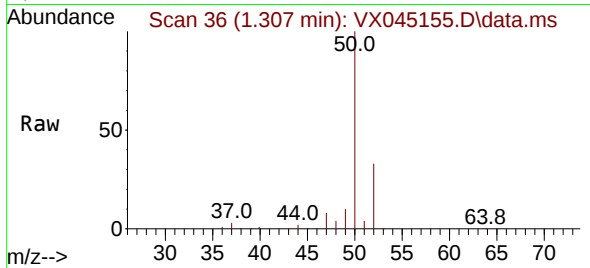
#3
Chloromethane
Concen: 46.958 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 71998
Ion Ratio Lower Upper
50 100
52 33.1 25.0 37.4

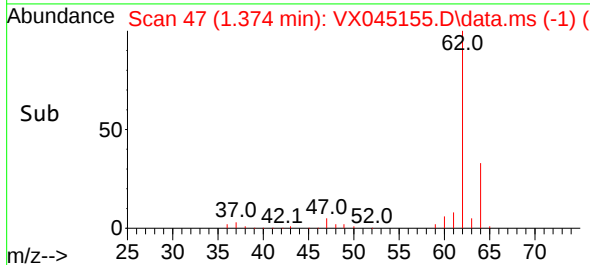
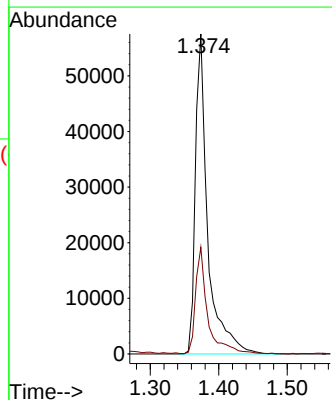
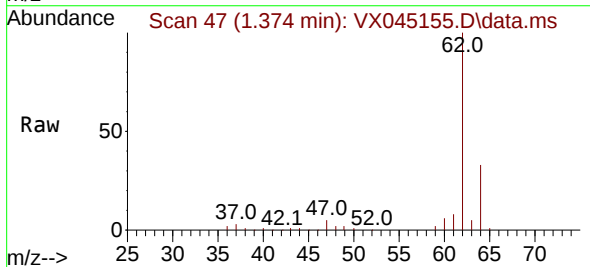
Manual Integrations
APPROVED

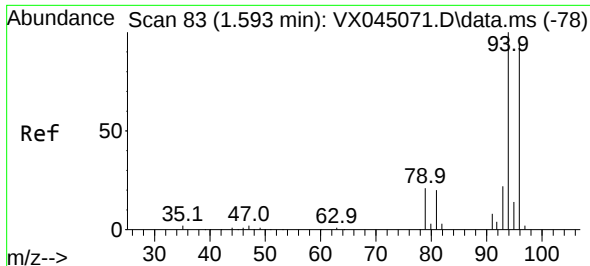
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#4
Vinyl Chloride
Concen: 47.434 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

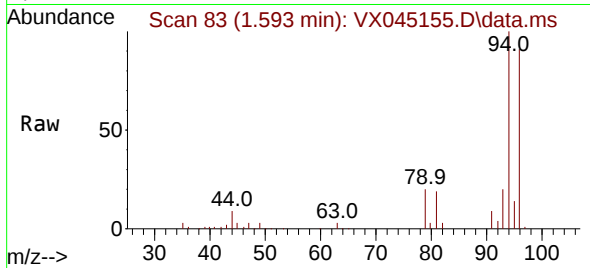
Tgt Ion: 62 Resp: 72148
Ion Ratio Lower Upper
62 100
64 33.2 24.3 36.5





#5
 Bromomethane
 Concen: 46.654 ug/l
 RT: 1.593 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VX045155.D
 Acq: 06 Mar 2025 09:56

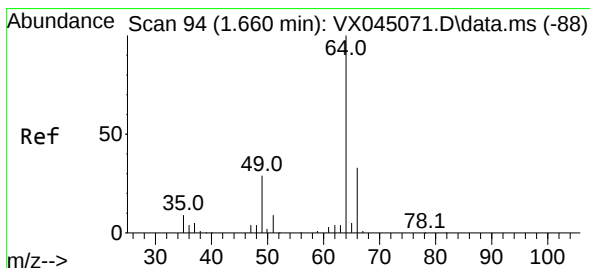
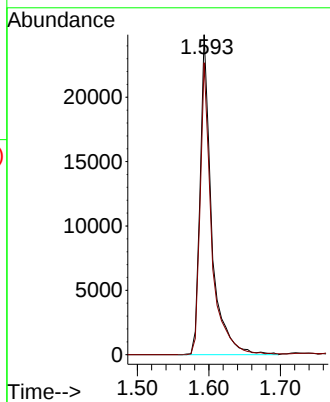
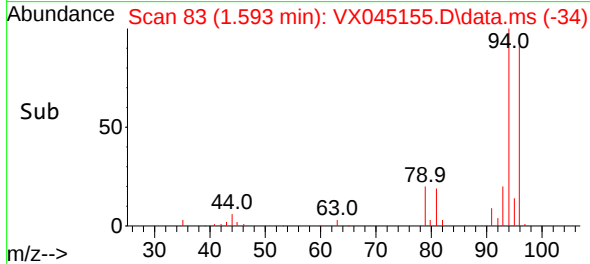
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 94 Resp: 27890
 Ion Ratio Lower Upper
 94 100
 96 91.2 75.0 112.4

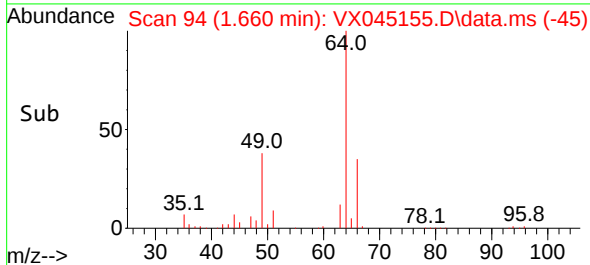
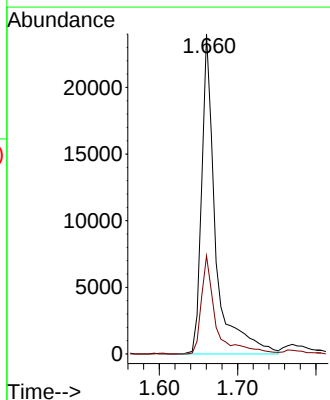
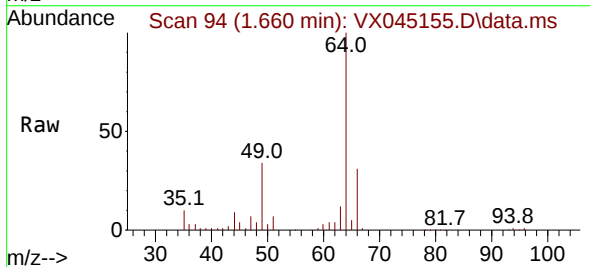
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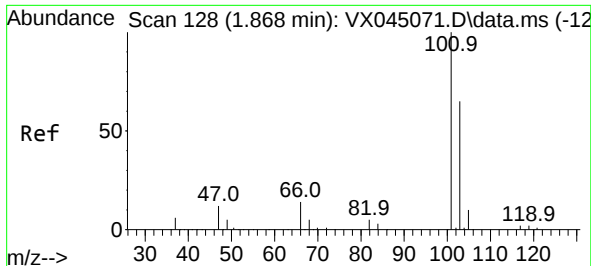
Reviewed By :John Carlone 03/10/2025
 Supervised By :Mahesh Dadoda 03/10/2025



#6
 Chloroethane
 Concen: 42.341 ug/l
 RT: 1.660 min Scan# 94
 Delta R.T. 0.000 min
 Lab File: VX045155.D
 Acq: 06 Mar 2025 09:56

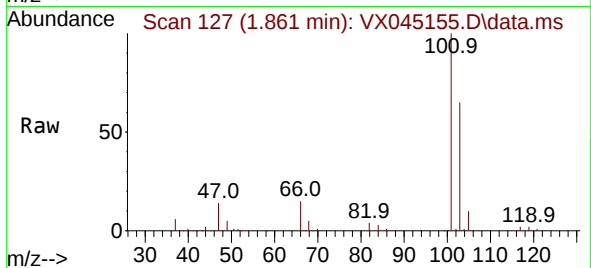
Tgt Ion: 64 Resp: 29705
 Ion Ratio Lower Upper
 64 100
 66 30.6 26.7 40.1





#7
Trichlorofluoromethane
Concen: 48.081 ug/l
RT: 1.861 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

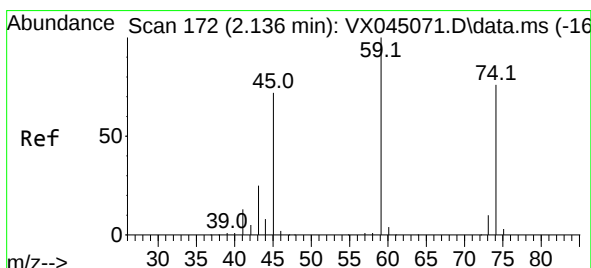
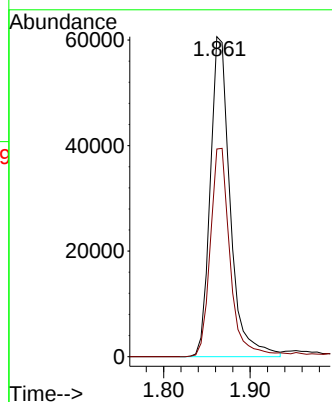
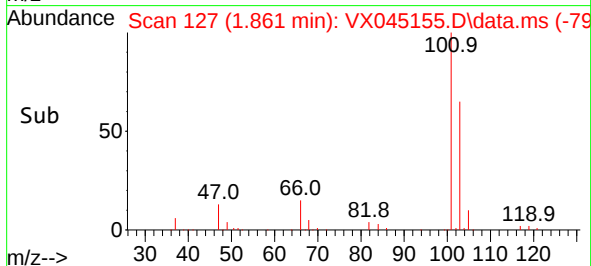
Instrument :
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ClientSampleId :
VSTDCCC050



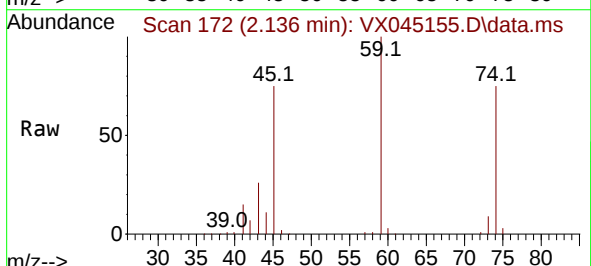
Tgt Ion:101 Resp: 9681
Ion Ratio Lower Upper
101 100
103 64.9 52.1 78.1

Manual Integrations
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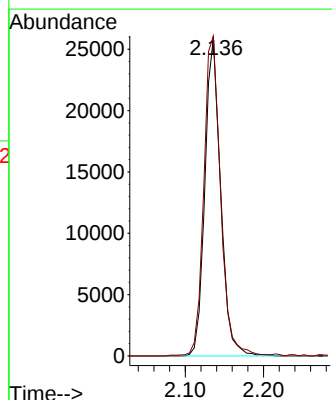
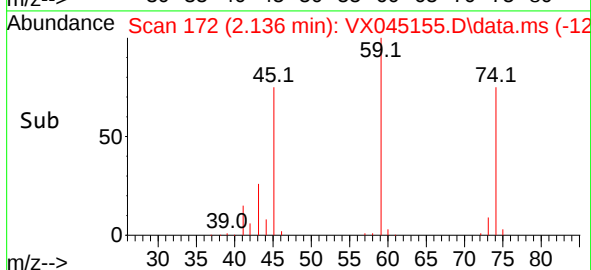
Reviewed By :John Carlone 03/10/2025
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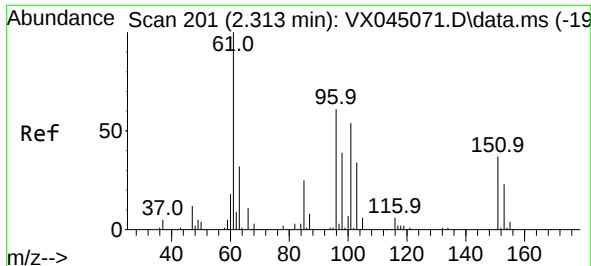


#8
Diethyl Ether
Concen: 45.821 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56



Tgt Ion: 74 Resp: 36087
Ion Ratio Lower Upper
74 100
45 107.4 51.5 154.5





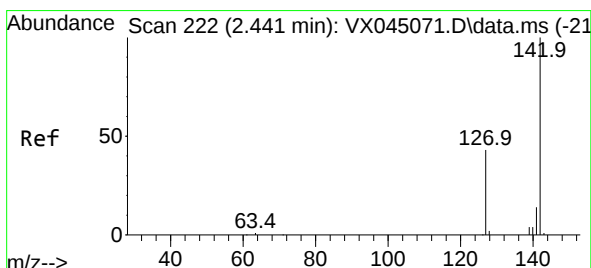
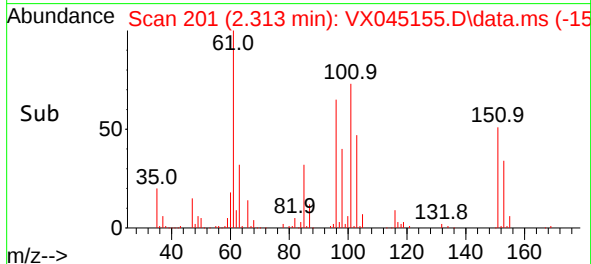
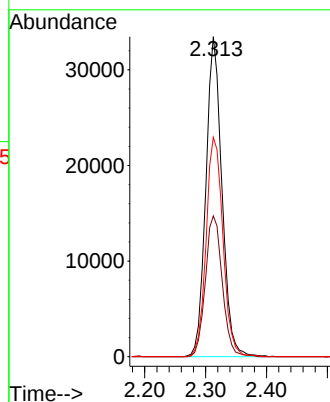
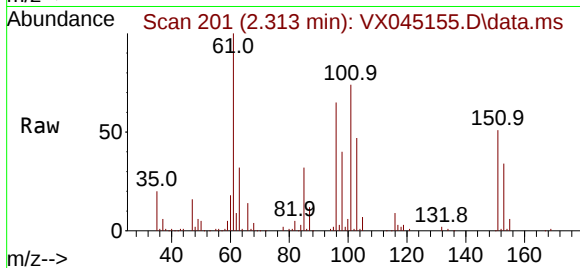
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.999 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:101 Resp: 61310
Ion Ratio Lower Upper
101 100
85 46.2 36.2 54.4
151 71.8 56.4 84.6

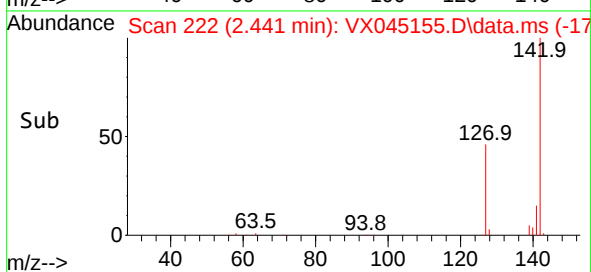
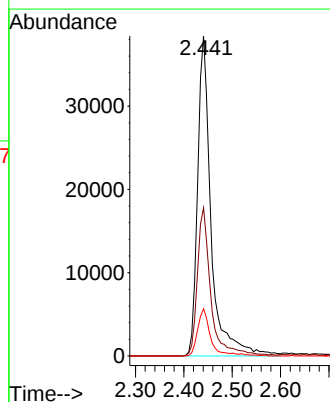
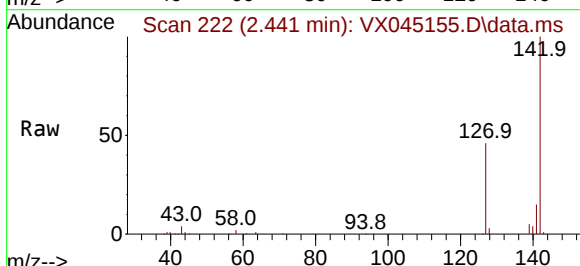
Manual Integrations
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Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#10
Methyl Iodide
Concen: 51.610 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Tgt Ion:142 Resp: 74610
Ion Ratio Lower Upper
142 100
127 46.1 35.4 53.2
141 14.3 11.6 17.4





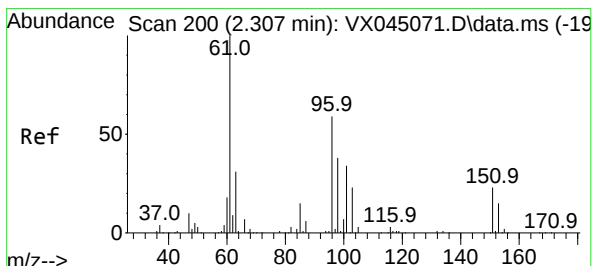
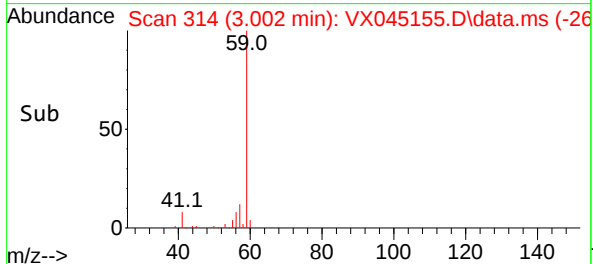
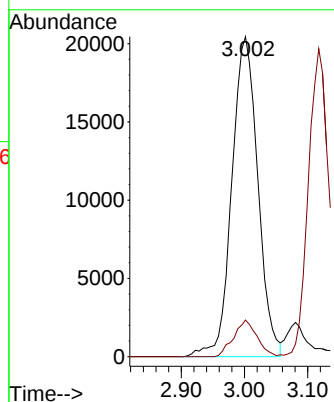
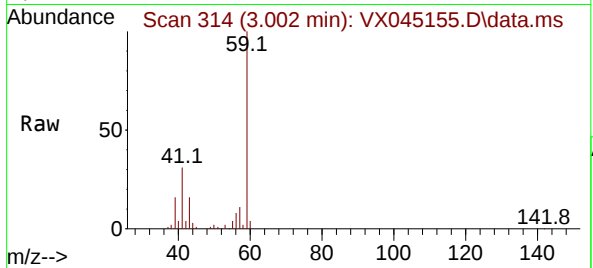
#11
Tert butyl alcohol
Concen: 195.202 ug/l
RT: 3.002 min Scan# 311
Delta R.T. 0.018 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 58538
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.8

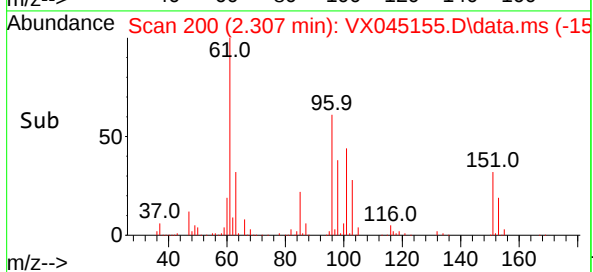
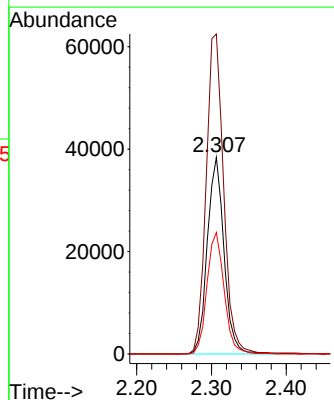
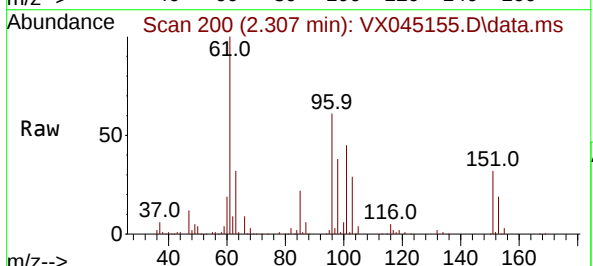
Manual Integrations
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Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#12
1,1-Dichloroethene
Concen: 48.789 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Tgt Ion: 96 Resp: 59671
Ion Ratio Lower Upper
96 100
61 162.7 134.6 202.0
98 61.8 51.0 76.6





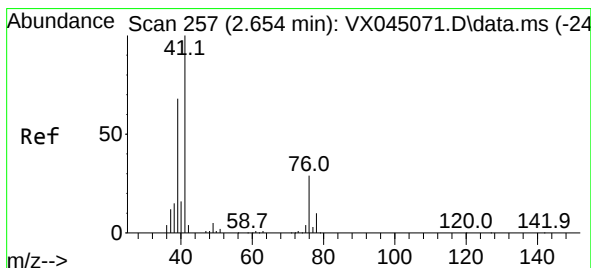
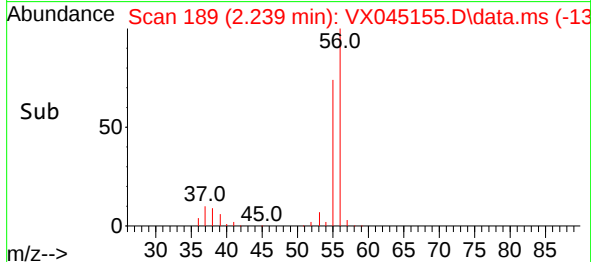
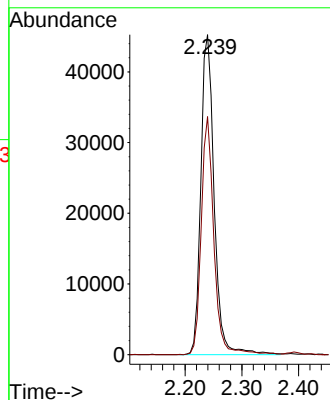
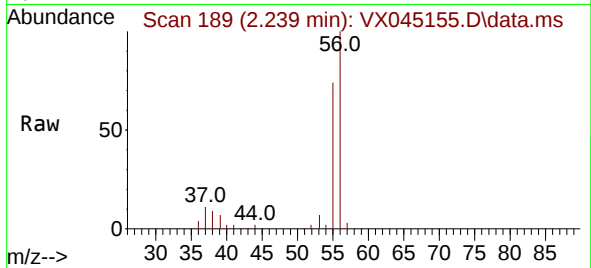
#13
Acrolein
Concen: 213.430 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 7398
Ion Ratio Lower Upper
56 100
55 70.4 56.2 84.4

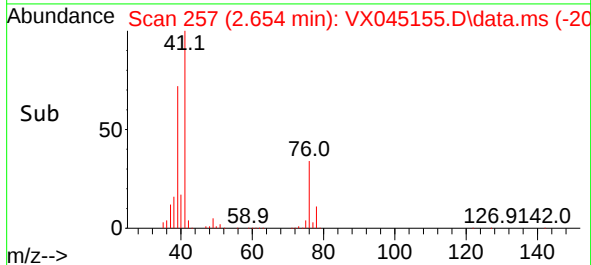
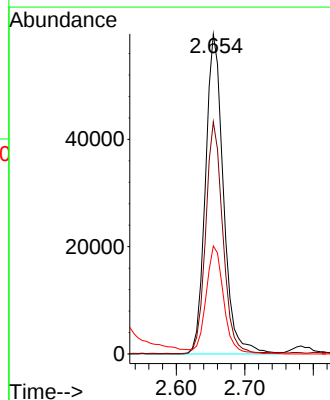
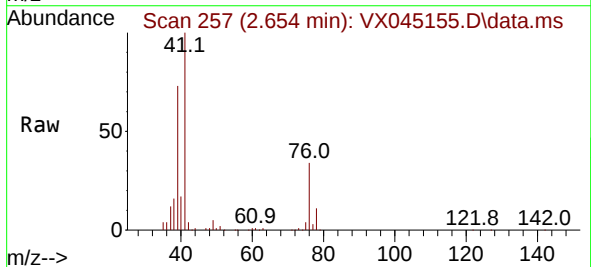
Manual Integrations
APPROVED

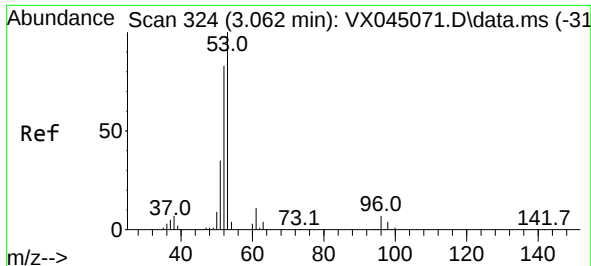
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#14
Allyl chloride
Concen: 50.112 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Tgt Ion: 41 Resp: 109096
Ion Ratio Lower Upper
41 100
39 68.9 53.8 80.8
76 32.5 25.2 37.8





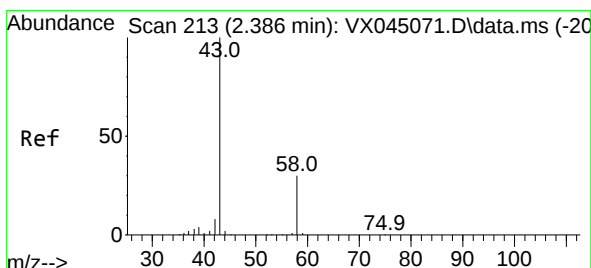
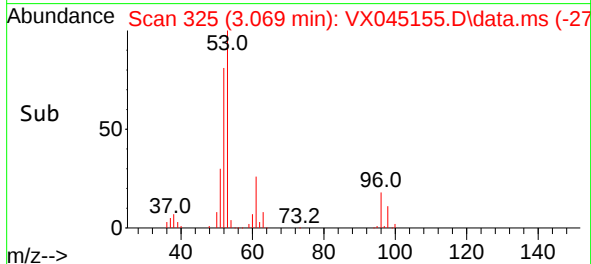
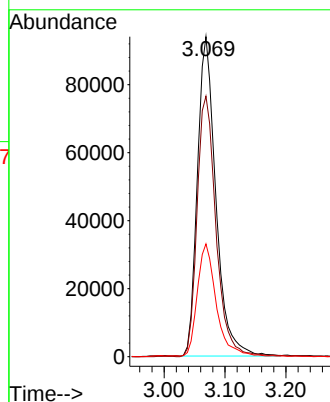
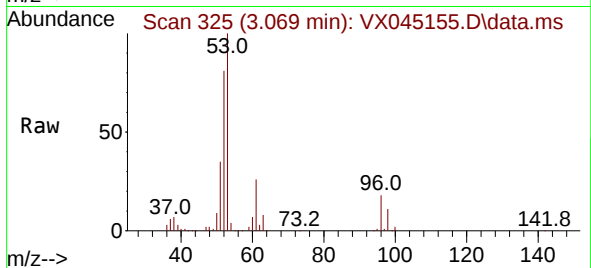
#15
Acrylonitrile
Concen: 246.689 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 198270
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.2
51 35.6 29.0 43.4

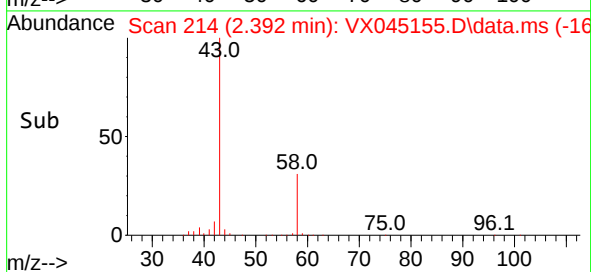
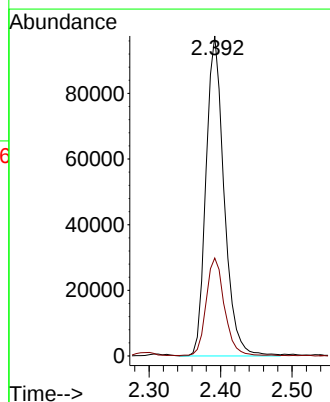
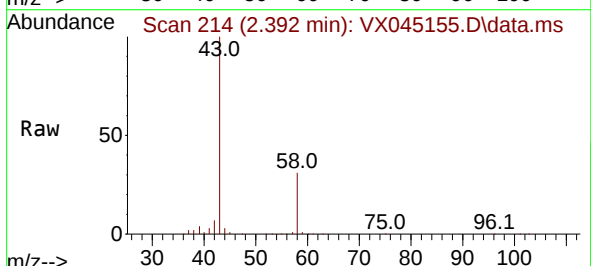
Manual Integrations
APPROVED

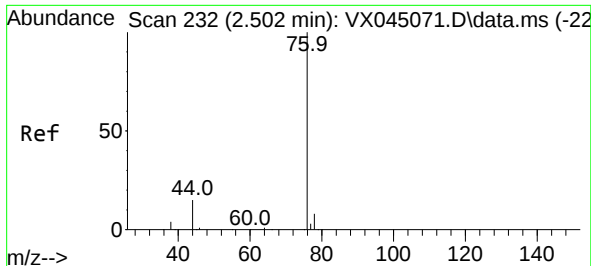
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#16
Acetone
Concen: 233.847 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Tgt Ion: 43 Resp: 171774
Ion Ratio Lower Upper
43 100
58 30.5 24.2 36.4





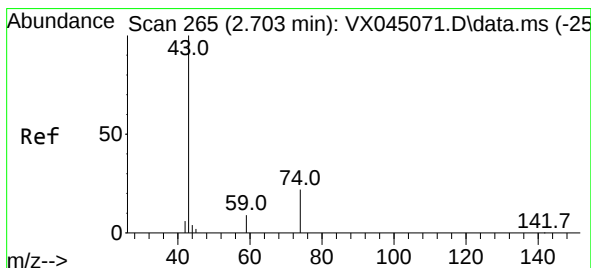
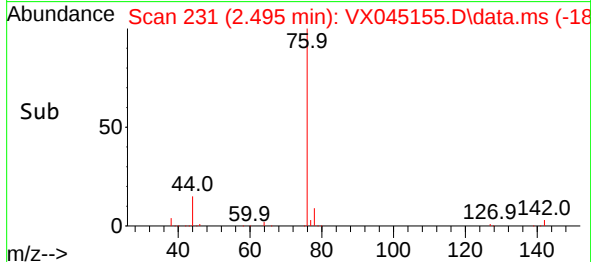
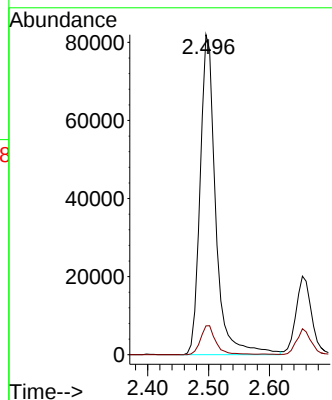
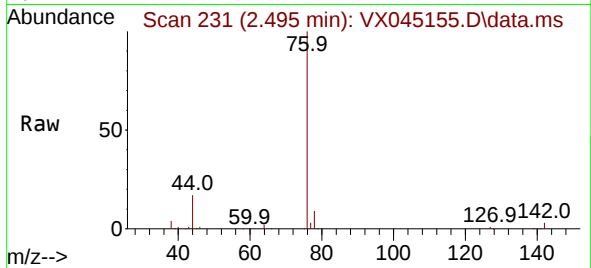
#17
Carbon Disulfide
Concen: 44.684 ug/l
RT: 2.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 14555
Ion Ratio Lower Upper
76 100
78 9.0 6.6 9.8

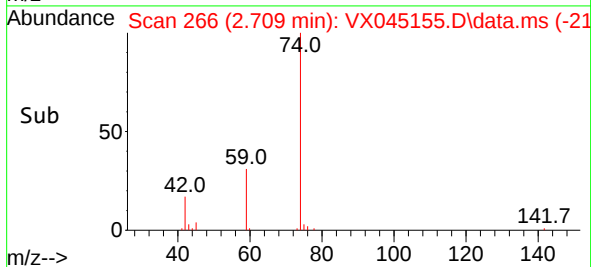
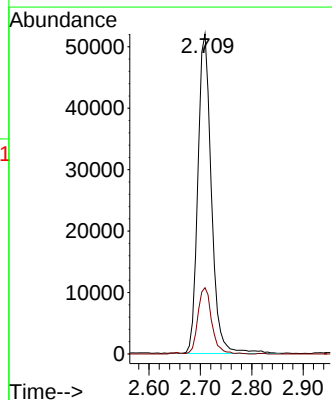
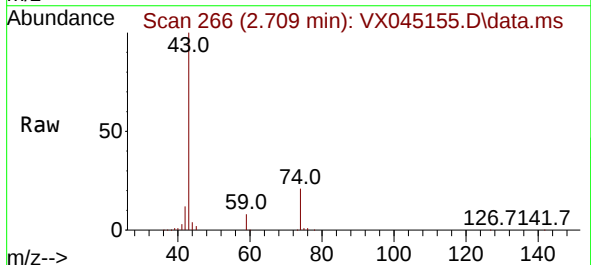
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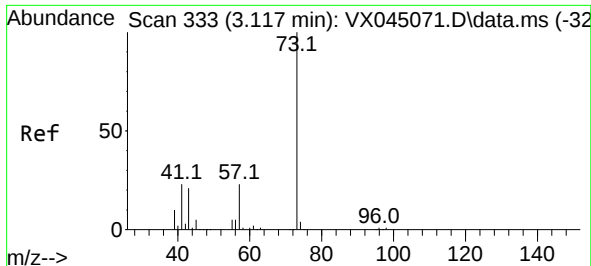
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#18
Methyl Acetate
Concen: 53.893 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Tgt Ion: 43 Resp: 95234
Ion Ratio Lower Upper
43 100
74 20.6 17.4 26.2





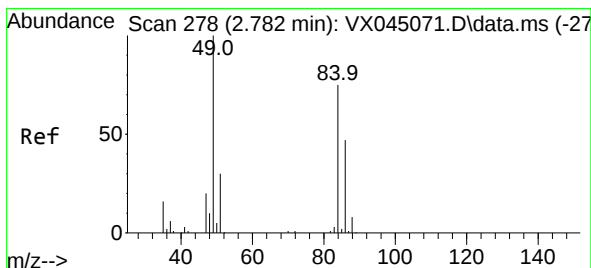
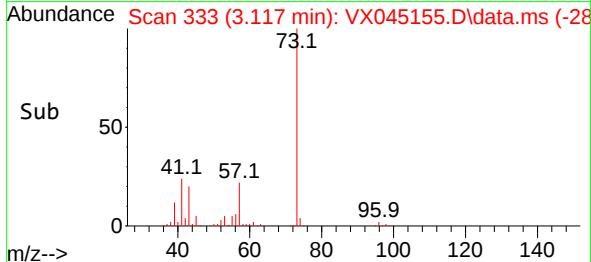
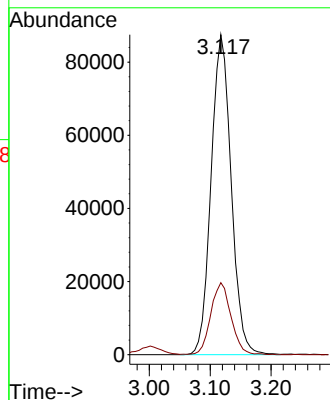
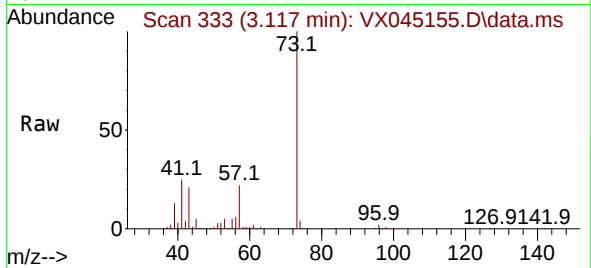
#19
Methyl tert-butyl Ether
Concen: 48.872 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 20053
Ion Ratio Lower Upper
73 100
57 22.5 18.5 27.7

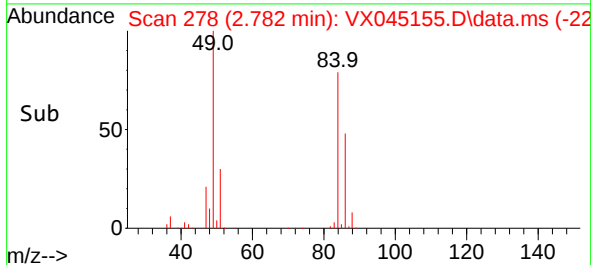
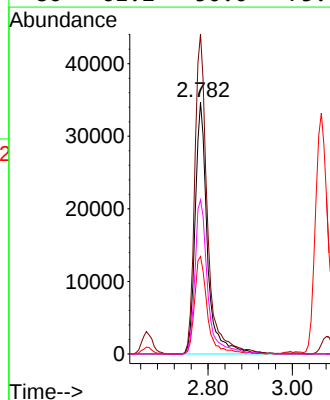
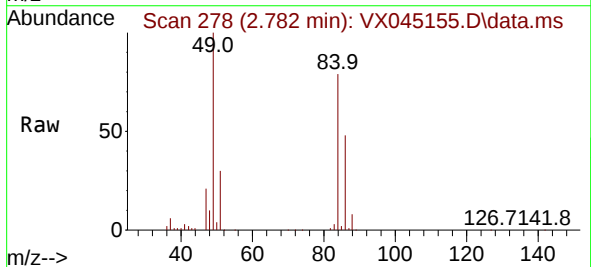
Manual Integrations
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Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#20
Methylene Chloride
Concen: 48.172 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Tgt Ion: 84 Resp: 70093
Ion Ratio Lower Upper
84 100
49 127.1 106.5 159.7
51 38.7 32.1 48.1
86 61.2 50.0 75.0





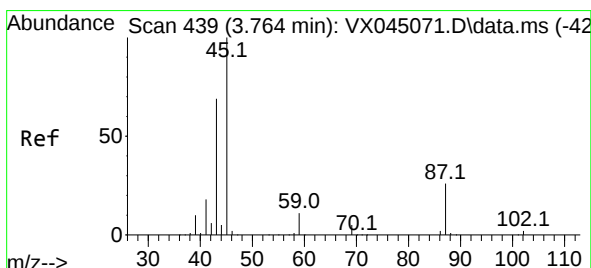
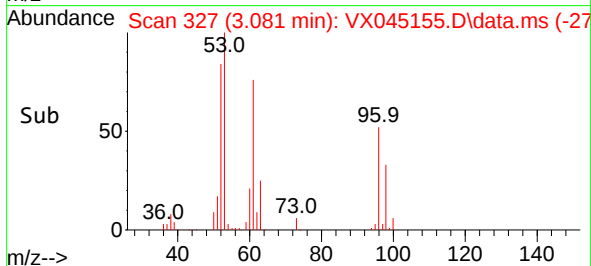
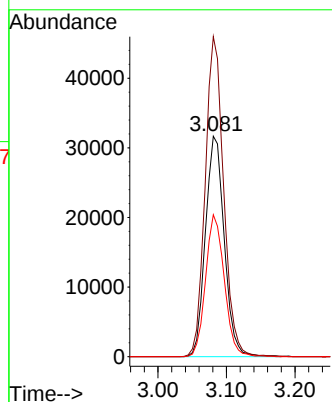
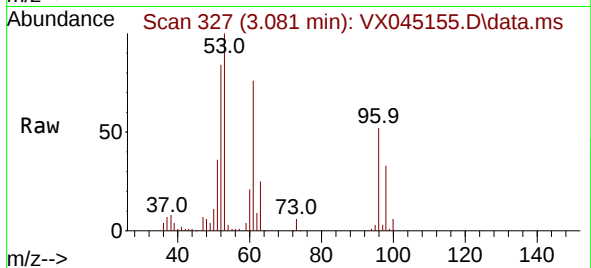
#21
trans-1,2-Dichloroethene
Concen: 50.255 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 6072
Ion Ratio Lower Upper
96 100
61 145.1 117.0 175.4
98 64.4 53.4 80.2

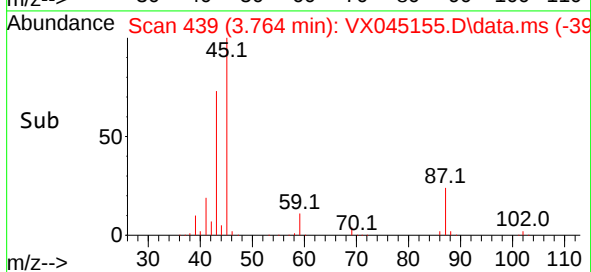
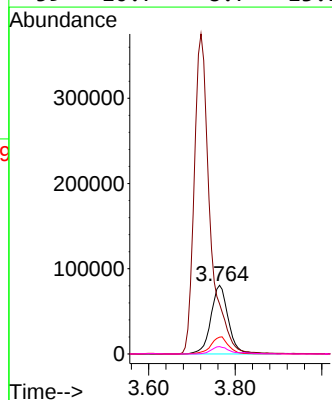
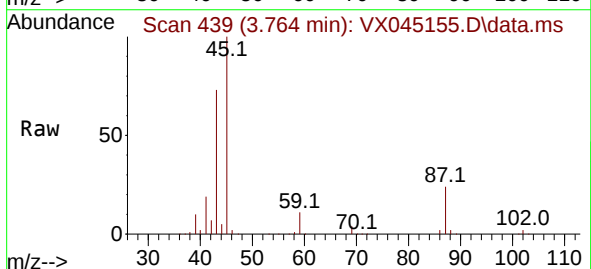
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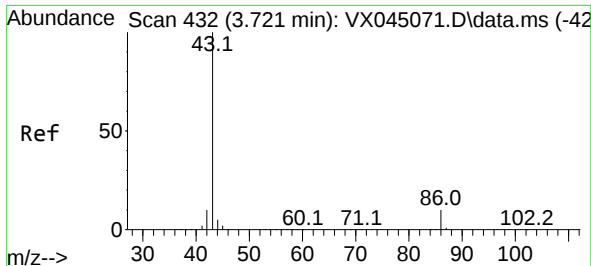
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#22
Diisopropyl ether
Concen: 50.793 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Tgt Ion: 45 Resp: 224890
Ion Ratio Lower Upper
45 100
43 72.7 54.9 82.3
87 24.4 21.0 31.4
59 10.7 8.7 13.1





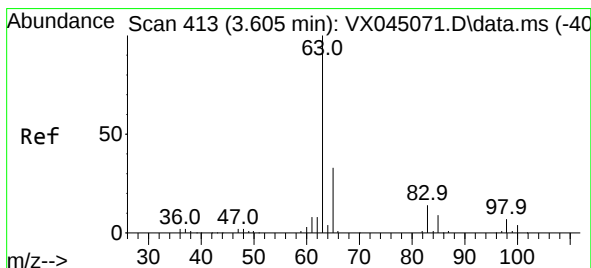
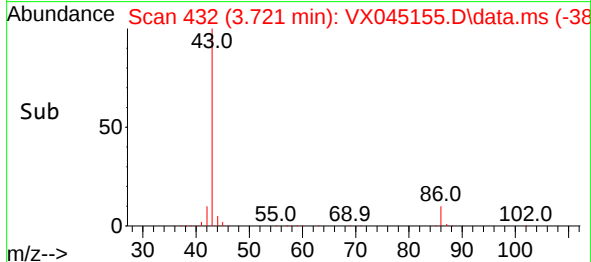
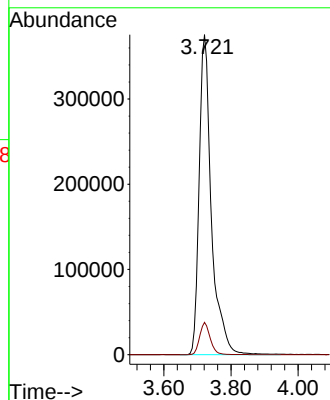
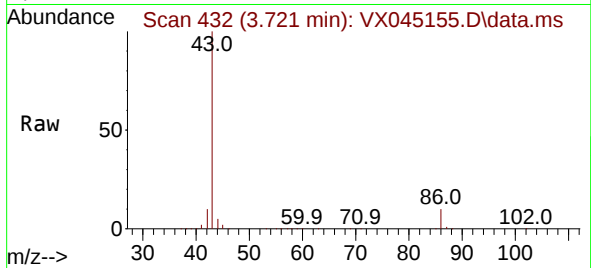
#23
 Vinyl Acetate
 Concen: 257.151 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX045155.D
 Acq: 06 Mar 2025 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 95014
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.1 12.1

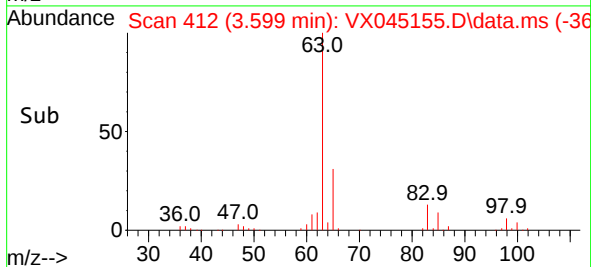
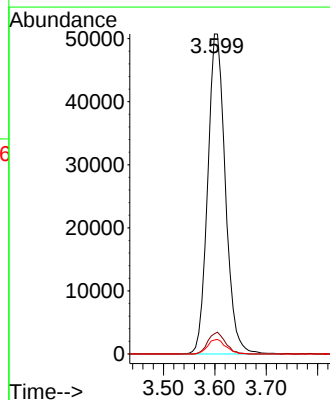
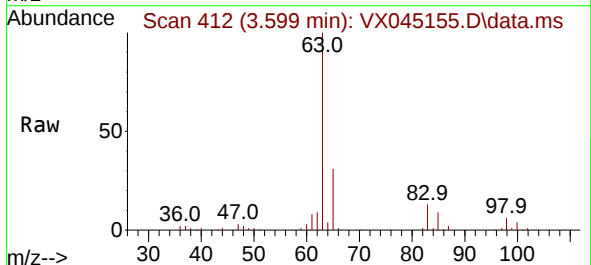
Manual Integrations
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Reviewed By :John Carlone 03/10/2025
 Supervised By :Mahesh Dadoda 03/10/2025



#24
 1,1-Dichloroethane
 Concen: 48.731 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX045155.D
 Acq: 06 Mar 2025 09:56

Tgt Ion: 63 Resp: 120920
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.2
 100 4.4 2.1 6.5





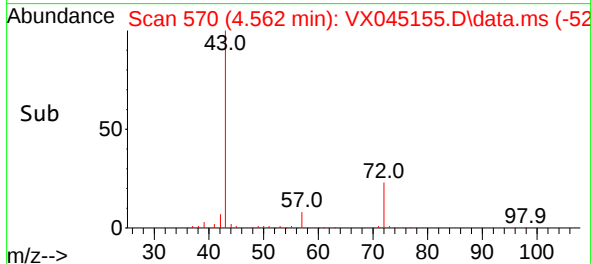
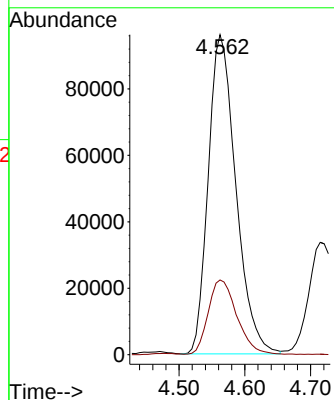
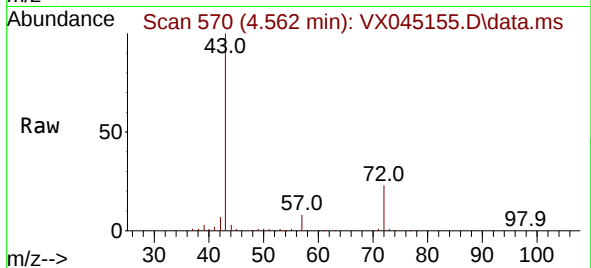
#25
2-Butanone
Concen: 253.939 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 280778
Ion Ratio Lower Upper
43 100
72 23.2 20.0 30.0

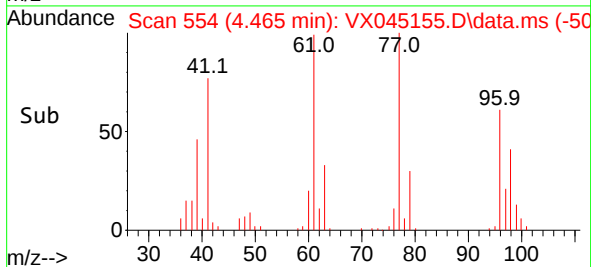
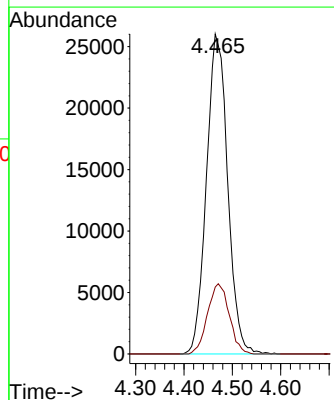
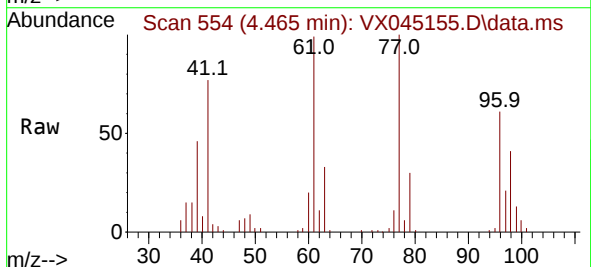
Manual Integrations
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Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#26
2,2-Dichloropropane
Concen: 68.182 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Tgt Ion: 77 Resp: 79357
Ion Ratio Lower Upper
77 100
97 22.4 12.4 37.0





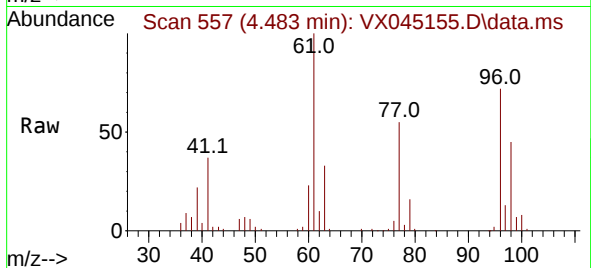
#27
cis-1,2-Dichloroethene
Concen: 50.079 ug/l
RT: 4.483 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



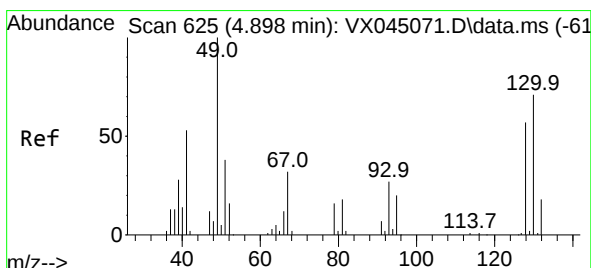
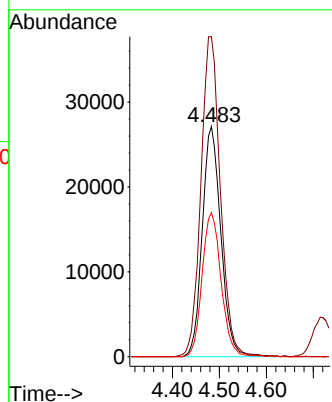
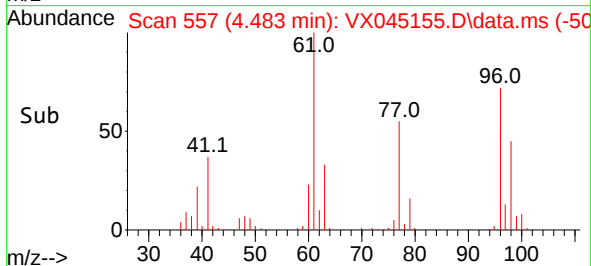
Tgt Ion: 96 Resp: 74690
Ion Ratio Lower Upper
96 100
61 145.5 0.0 283.2
98 63.7 0.0 128.0

Manual Integrations

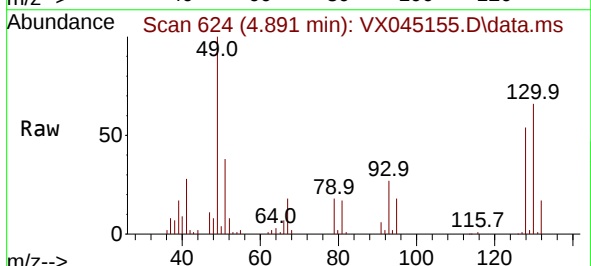
APPROVED

Reviewed By :John Carlone 03/10/2025

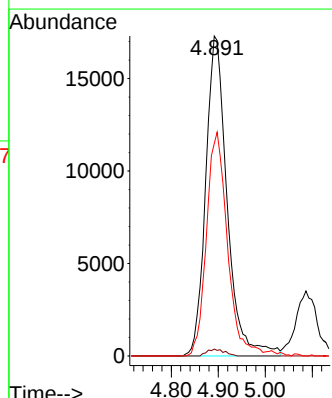
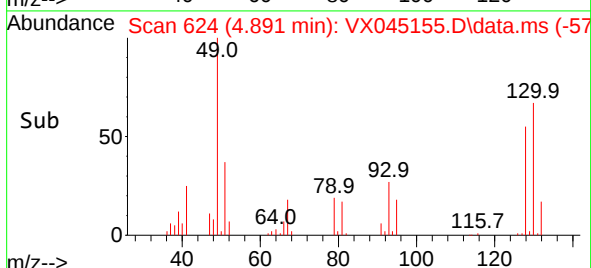
Supervised By :Mahesh Dadoda 03/10/2025

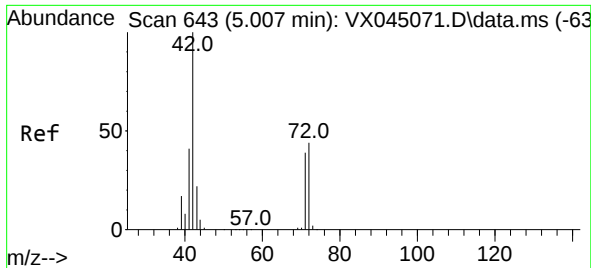


#28
Bromochloromethane
Concen: 46.329 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56



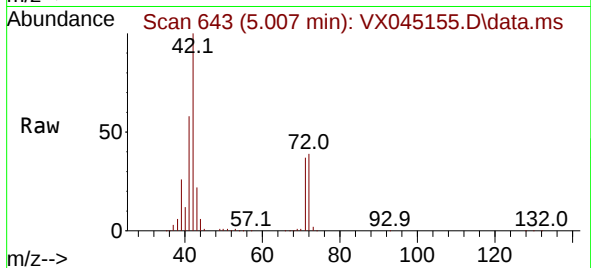
Tgt Ion: 49 Resp: 54795
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.4
130 68.4 56.1 84.1





#29
Tetrahydrofuran
Concen: 244.426 ug/l
RT: 5.007 min Scan# 643
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

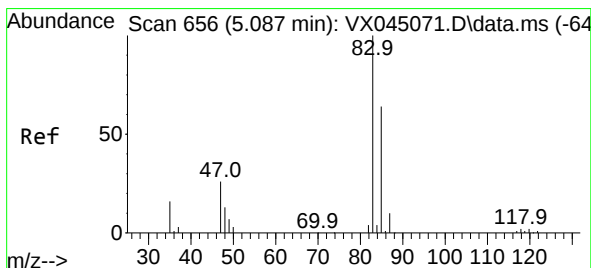
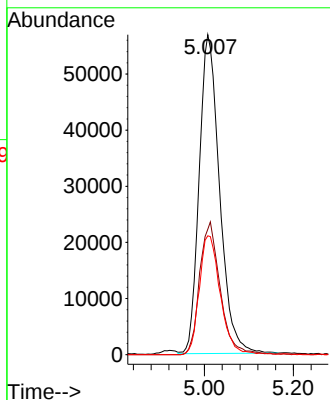
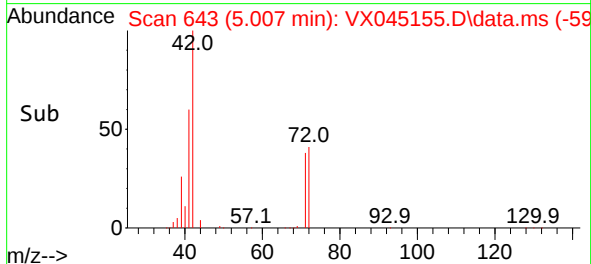
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 18149
Ion Ratio Lower Upper
42 100
72 41.9 34.1 51.1
71 38.3 31.4 47.0

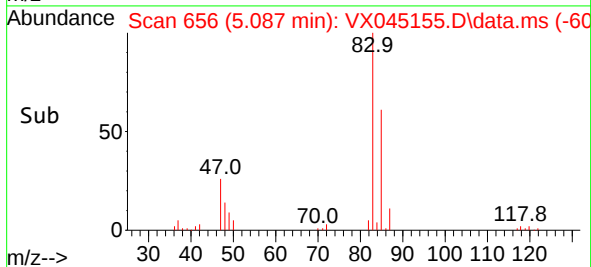
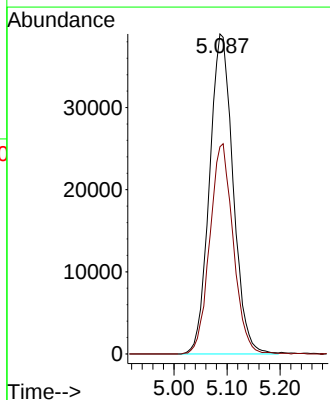
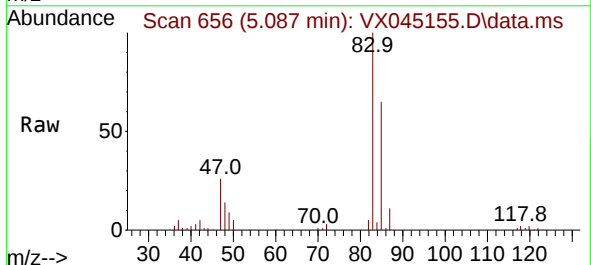
Manual Integrations
APPROVED

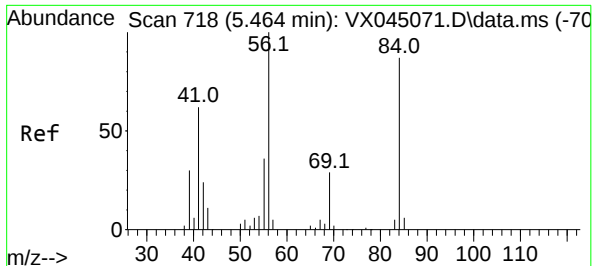
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#30
Chloroform
Concen: 48.804 ug/l
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

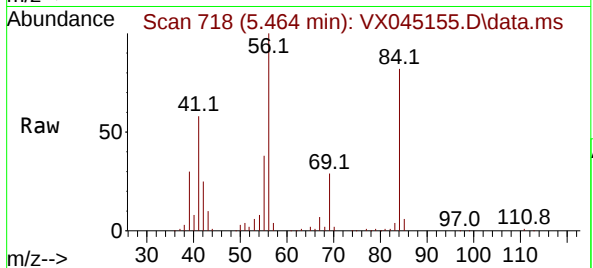
Tgt Ion: 83 Resp: 120327
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.2





#31
Cyclohexane
Concen: 50.191 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

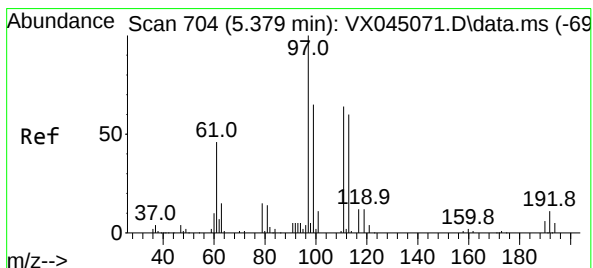
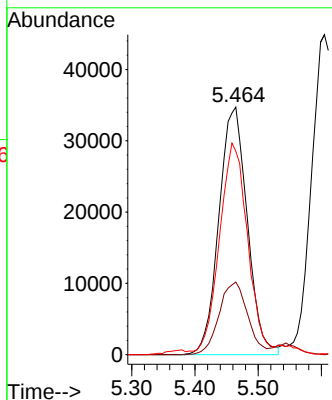
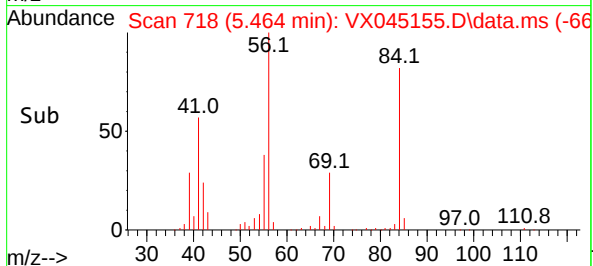
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



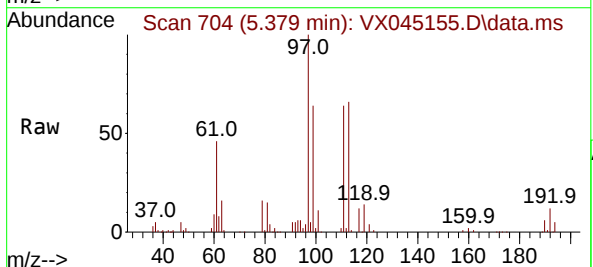
Tgt Ion: 56 Resp: 10811
Ion Ratio Lower Upper
56 100
69 29.4 23.4 35.2
84 80.2 69.4 104.2

Manual Integrations
APPROVED

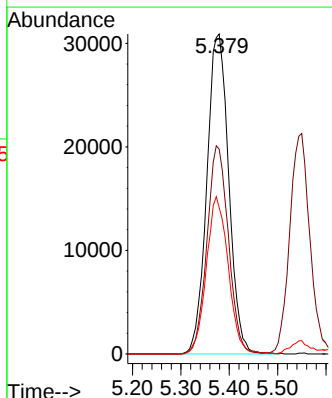
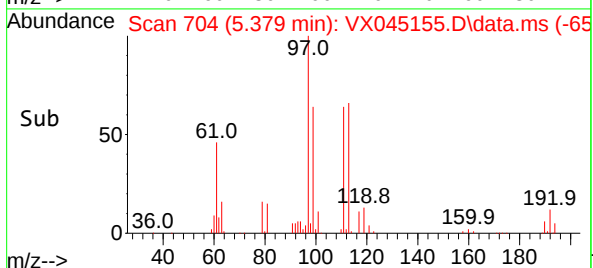
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#32
1,1,1-Trichloroethane
Concen: 48.875 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56



Tgt Ion: 97 Resp: 97325
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 49.0 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 49.233 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045155.D

Acq: 06 Mar 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 77940

Ion Ratio Lower Upper

65 100

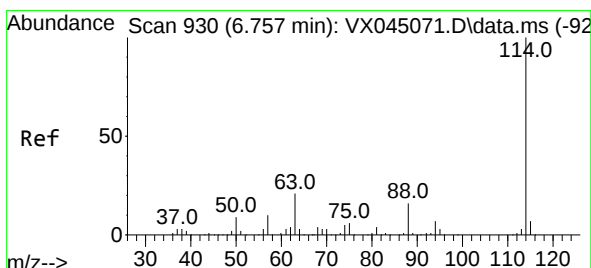
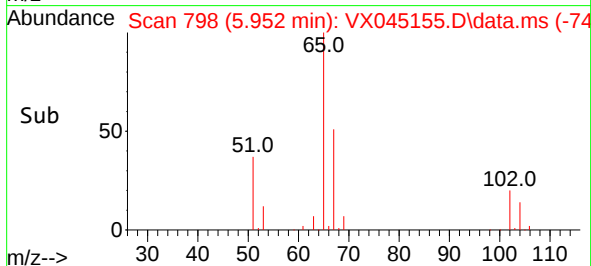
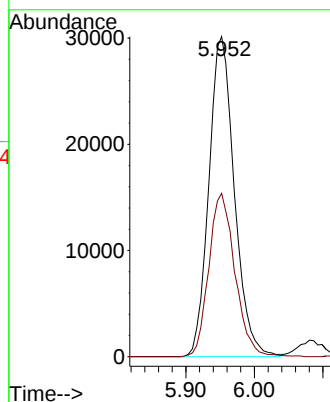
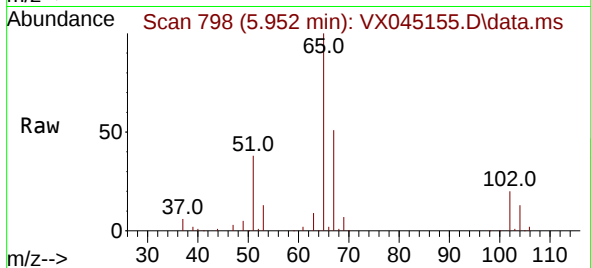
67 52.3 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2025

Supervised By :Mahesh Dadoda 03/10/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045155.D

Acq: 06 Mar 2025 09:56

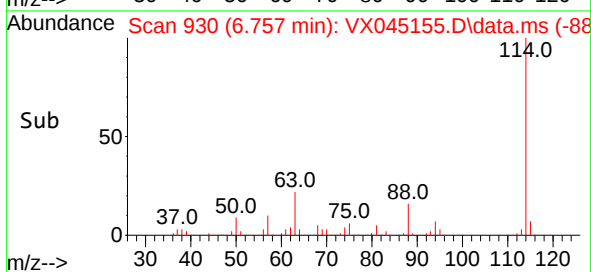
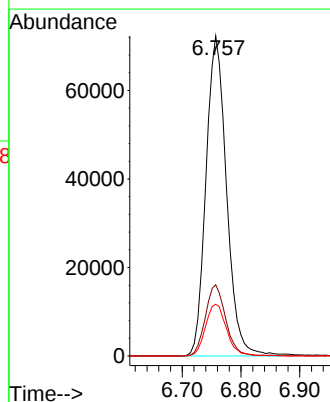
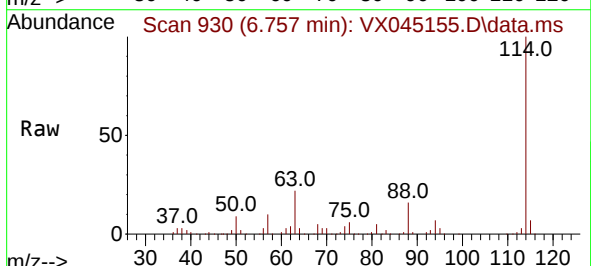
Tgt Ion:114 Resp: 175834

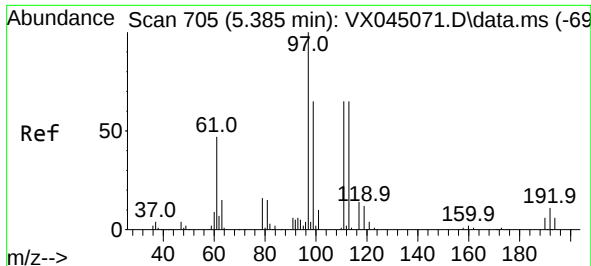
Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

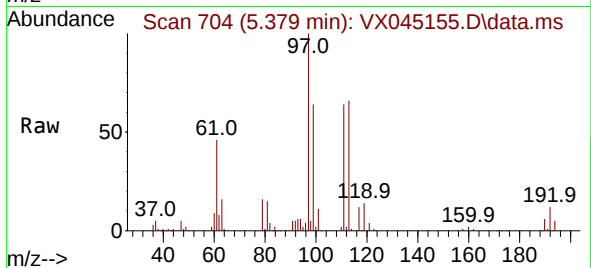
88 16.2 0.0 32.8





#35
Dibromofluoromethane
Concen: 50.978 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

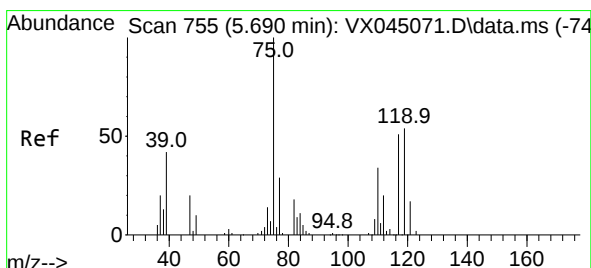
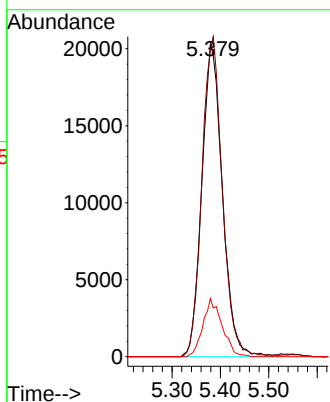
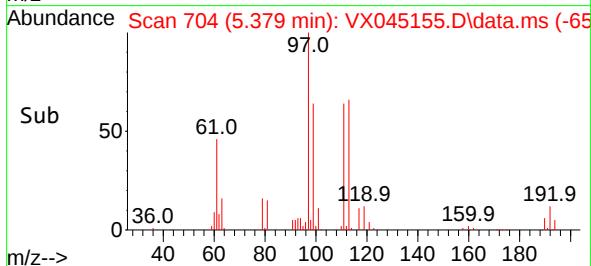
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 59938
Ion Ratio Lower Upper
113 100
111 101.6 81.8 122.6
192 17.3 14.3 21.5

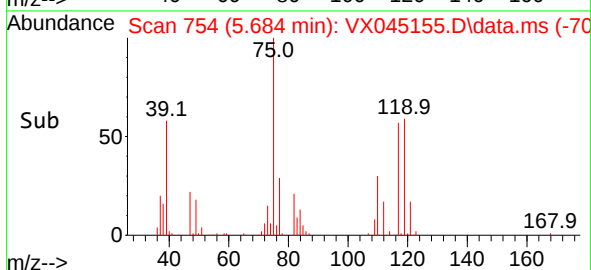
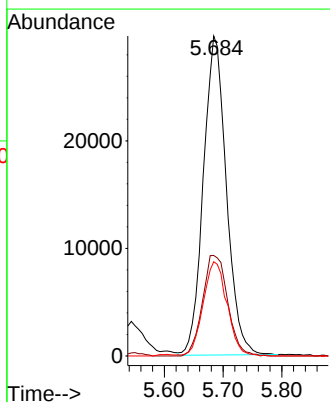
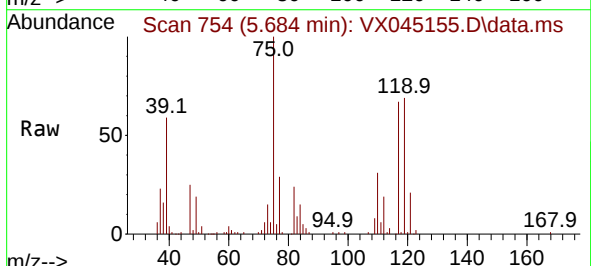
Manual Integrations
APPROVED

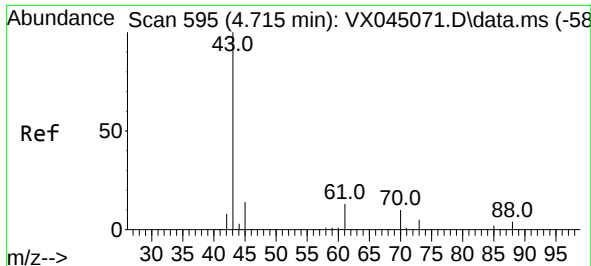
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#36
1,1-Dichloropropene
Concen: 49.941 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

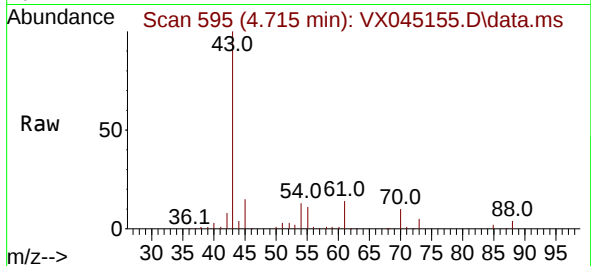
Tgt Ion: 75 Resp: 80527
Ion Ratio Lower Upper
75 100
110 34.4 16.9 50.6
77 30.7 24.5 36.7





#37
Ethyl Acetate
Concen: 50.173 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

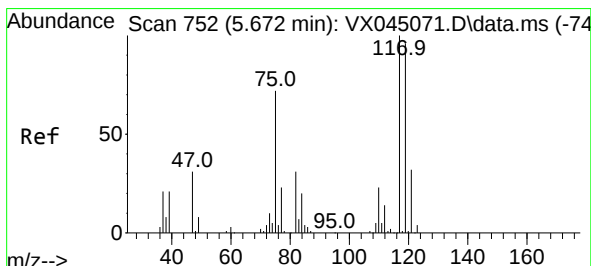
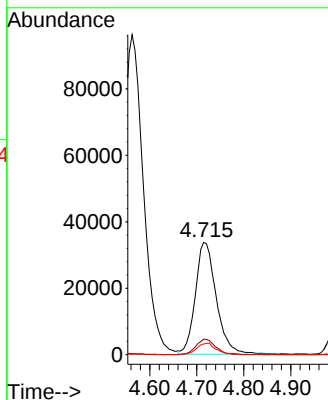
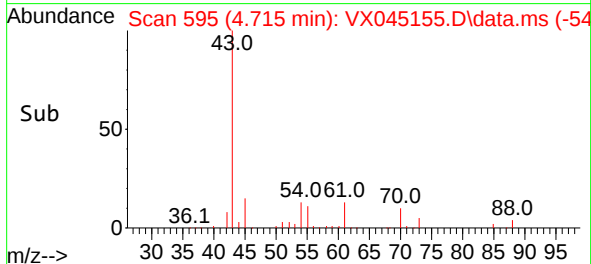
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 104240
Ion Ratio Lower Upper
43 100
61 13.2 10.8 16.2
70 9.5 7.7 11.5

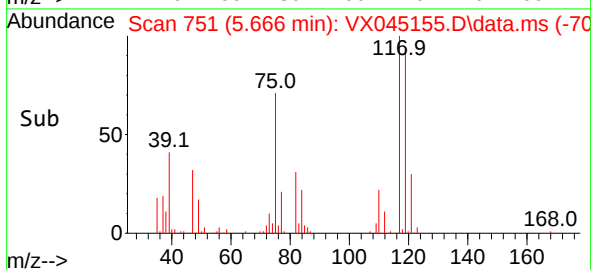
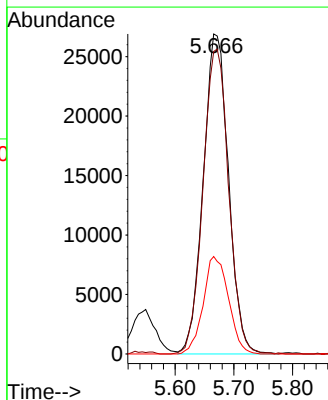
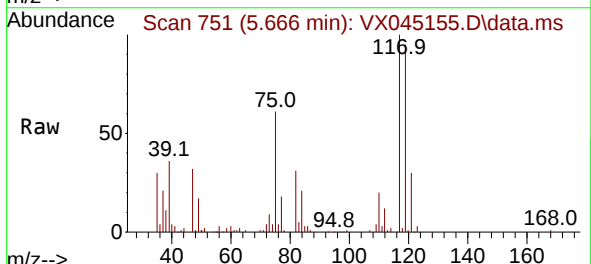
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#38
Carbon Tetrachloride
Concen: 49.163 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Tgt Ion:117 Resp: 80480
Ion Ratio Lower Upper
117 100
119 94.2 76.7 115.1
121 30.4 25.5 38.3





#39

Methylcyclohexane

Concen: 54.417 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX045155.D

Acq: 06 Mar 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 105138

Ion Ratio Lower Upper

83 100

55 80.5 63.0 94.4

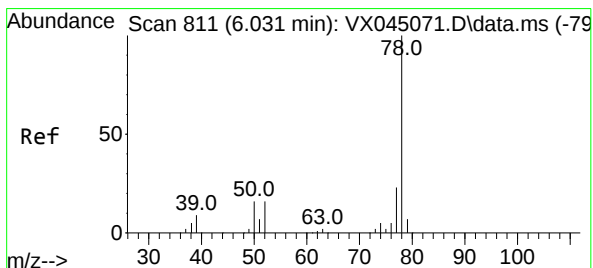
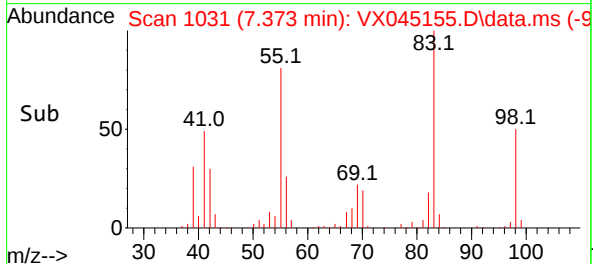
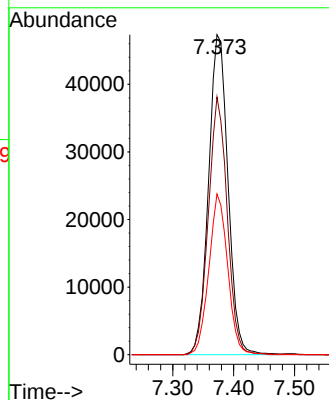
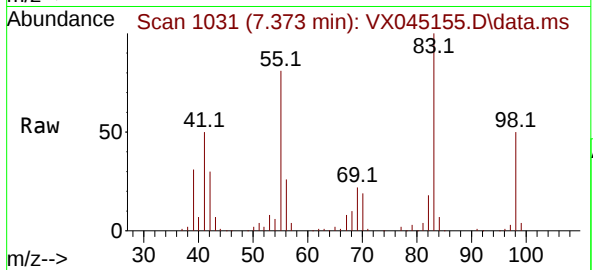
98 50.2 39.7 59.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2025

Supervised By :Mahesh Dadoda 03/10/2025



#40

Benzene

Concen: 50.564 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045155.D

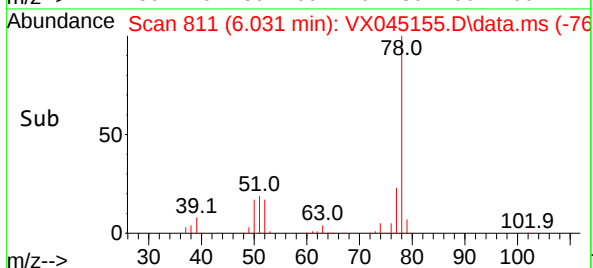
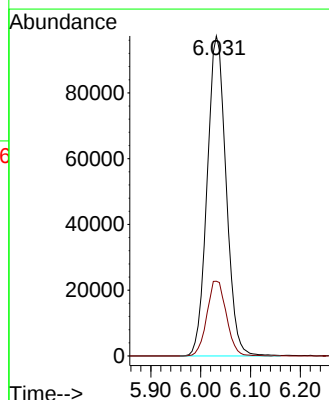
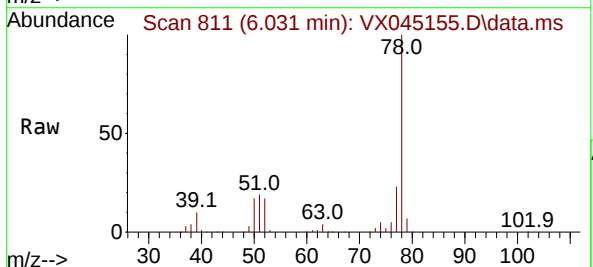
Acq: 06 Mar 2025 09:56

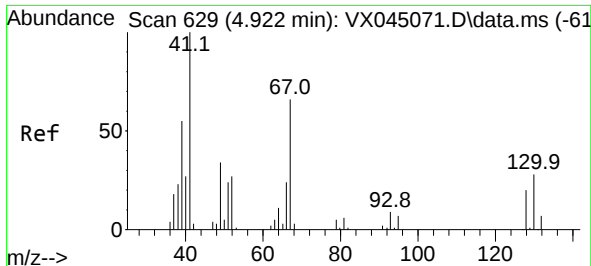
Tgt Ion: 78 Resp: 257458

Ion Ratio Lower Upper

78 100

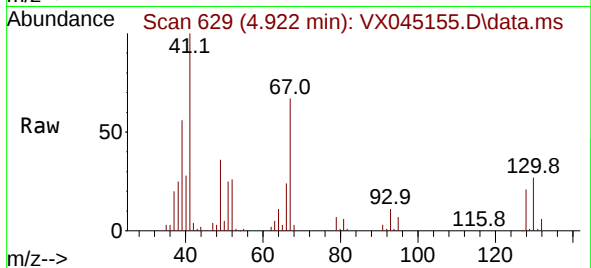
77 23.3 18.8 28.2





#41
Methacrylonitrile
Concen: 51.935 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

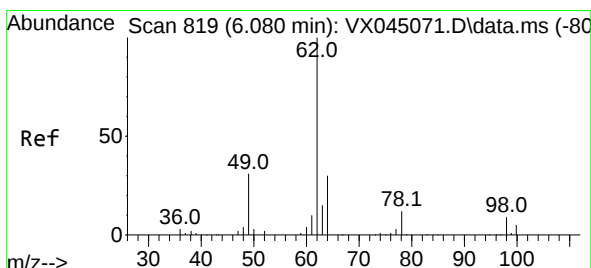
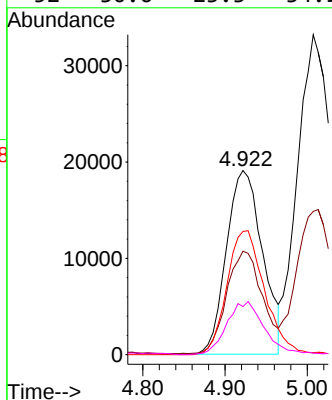
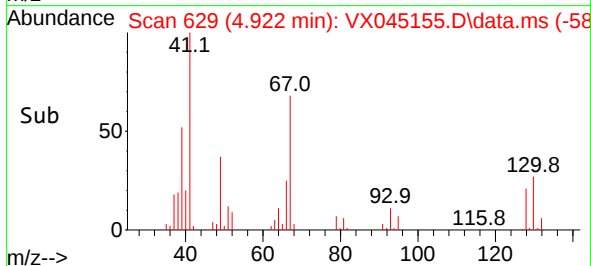
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41	Resp: 5834
Ion Ratio	Lower Upper
41 100	
39 55.9	44.6 67.0
67 70.7	53.9 80.9
52 30.6	23.3 34.9

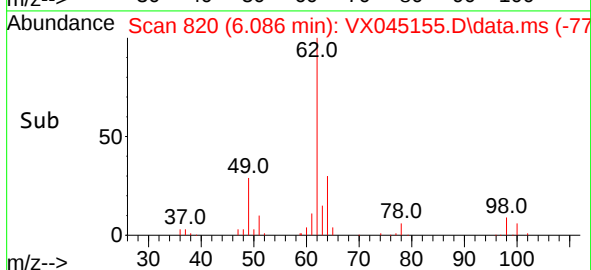
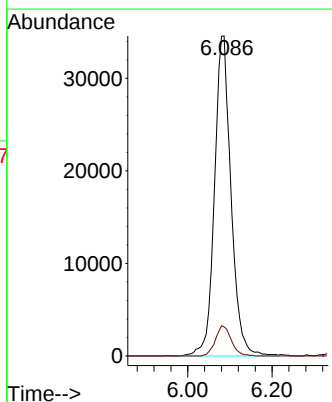
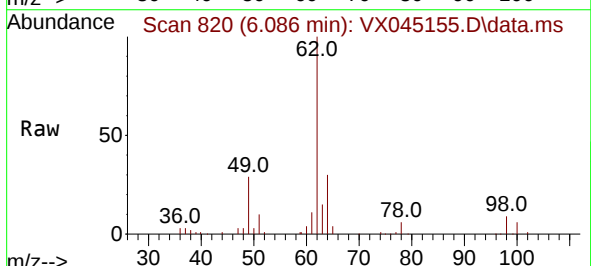
Manual Integrations
APPROVED

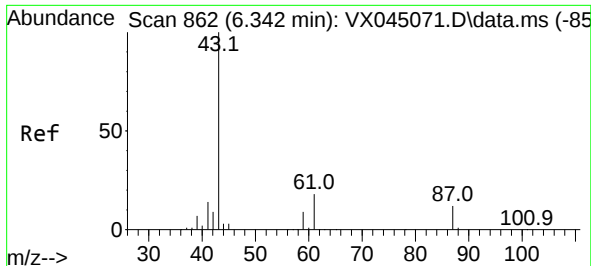
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#42
1,2-Dichloroethane
Concen: 51.224 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Tgt Ion: 62	Resp: 93921
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 18.2





#43

Isopropyl Acetate

Concen: 51.671 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX045155.D

Acq: 06 Mar 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

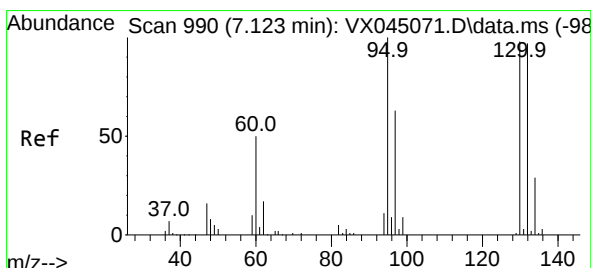
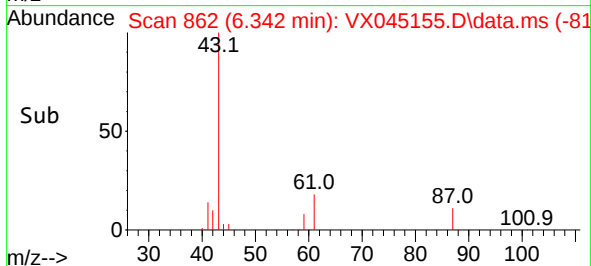
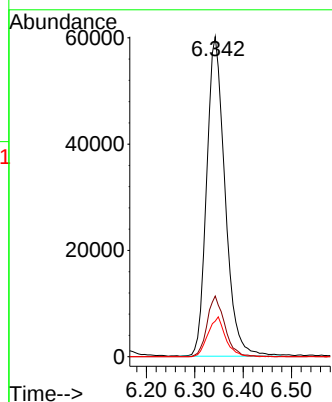
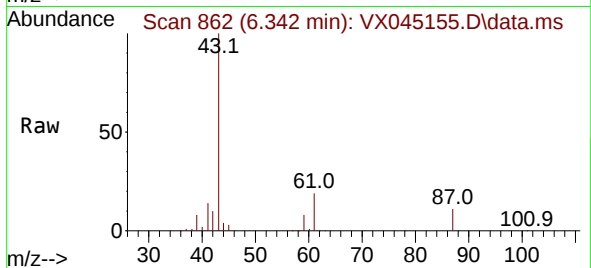
Tgt Ion: 43 Resp: 158752
 Ion Ratio Lower Upper
 43 100
 61 18.2 14.9 22.3
 87 11.9 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2025

Supervised By :Mahesh Dadoda 03/10/2025



#44

Trichloroethene

Concen: 50.205 ug/l

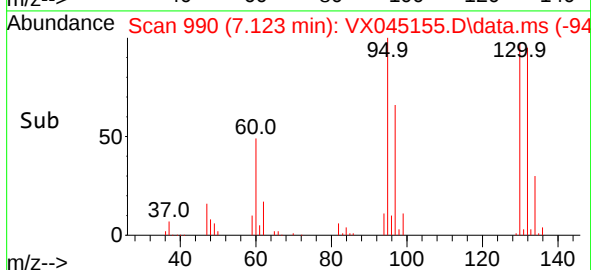
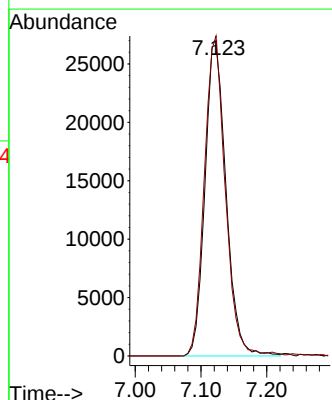
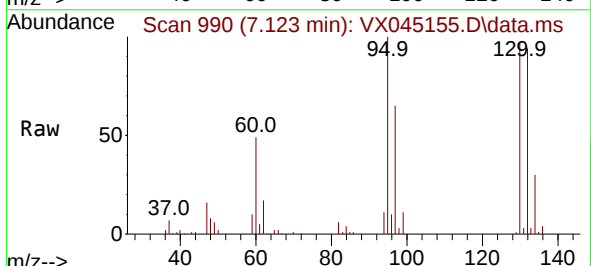
RT: 7.123 min Scan# 990

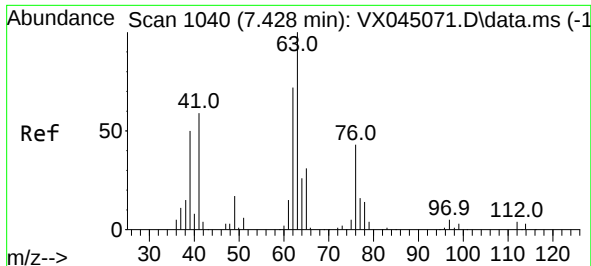
Delta R.T. 0.000 min

Lab File: VX045155.D

Acq: 06 Mar 2025 09:56

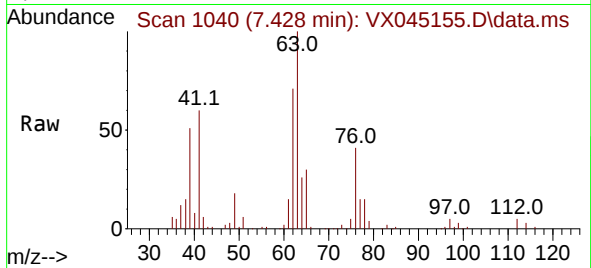
Tgt Ion:130 Resp: 60024
 Ion Ratio Lower Upper
 130 100
 95 103.0 0.0 205.0





#45
1,2-Dichloropropane
Concen: 50.625 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

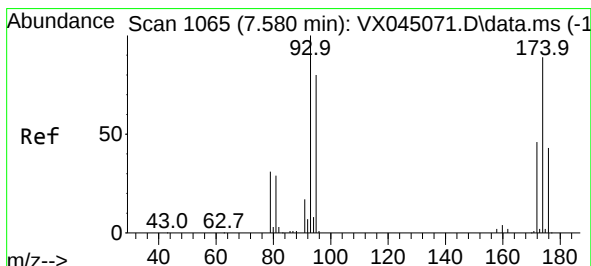
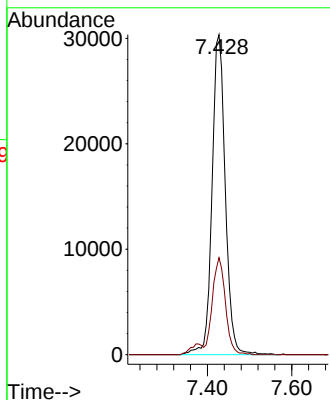
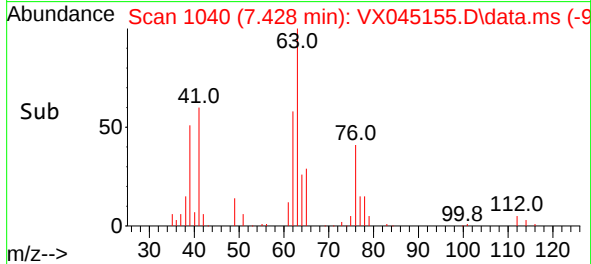
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 66275
Ion Ratio Lower Upper
63 100
65 30.3 24.7 37.1

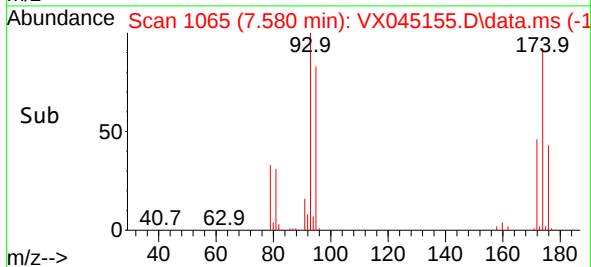
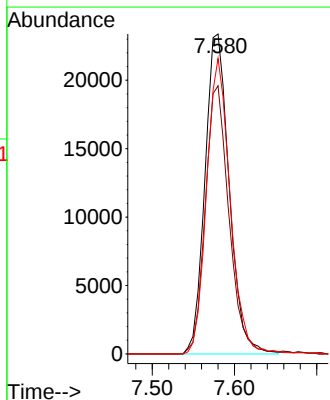
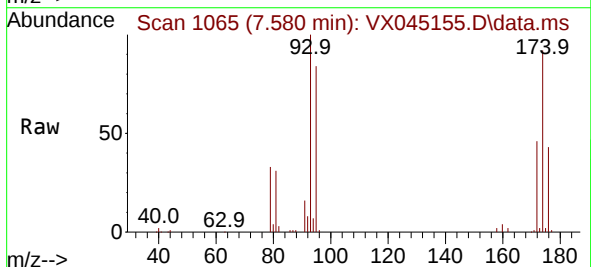
Manual Integrations
APPROVED

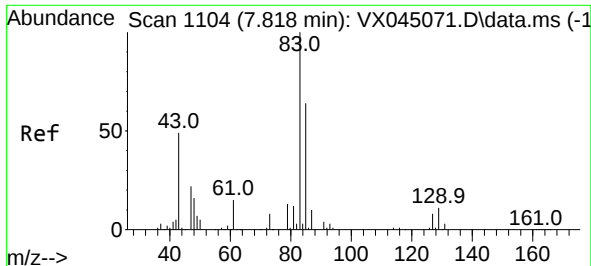
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#46
Dibromomethane
Concen: 51.739 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Tgt Ion: 93 Resp: 47874
Ion Ratio Lower Upper
93 100
95 82.5 65.8 98.8
174 90.1 72.2 108.2





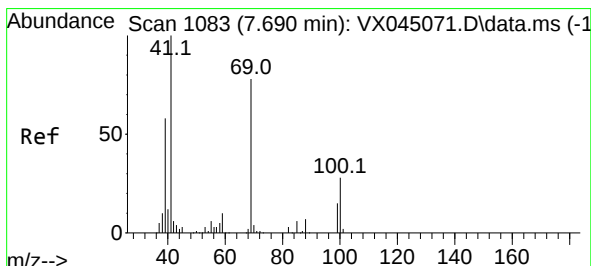
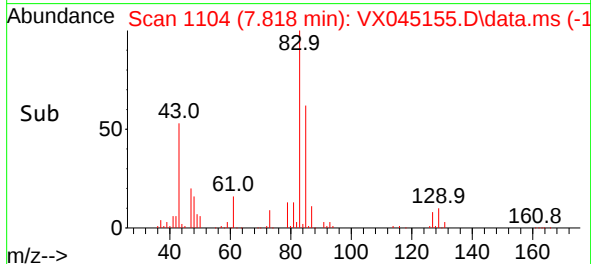
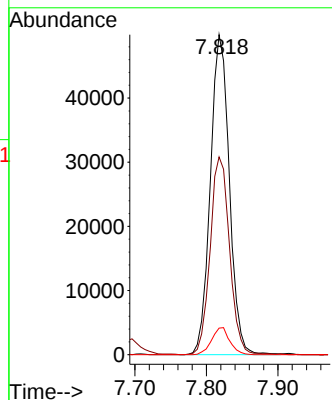
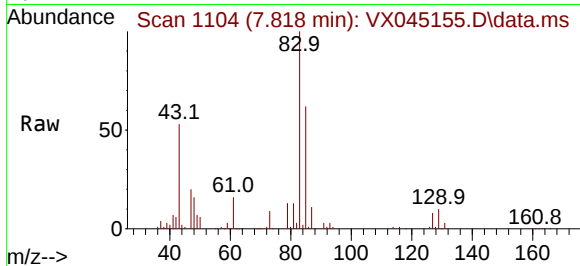
#47
Bromodichloromethane
Concen: 50.685 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 91992
Ion Ratio Lower Upper
83 100
85 61.8 51.1 76.7
127 8.3 6.4 9.6

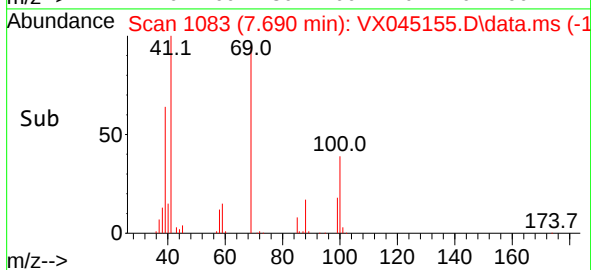
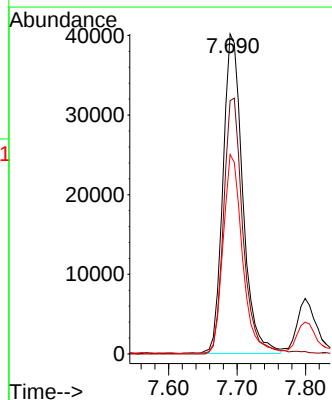
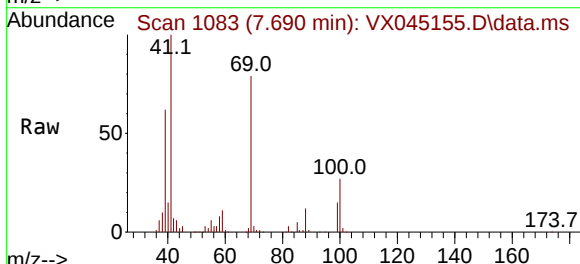
Manual Integrations
APPROVED

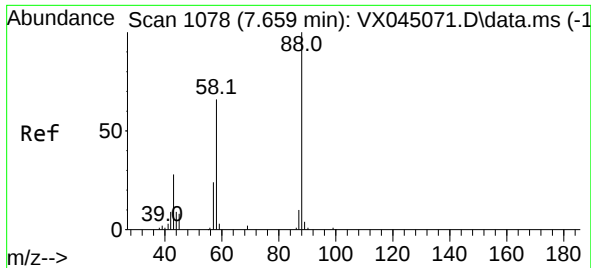
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#48
Methyl methacrylate
Concen: 51.991 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

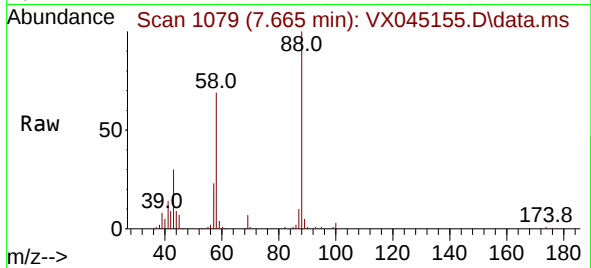
Tgt Ion: 41 Resp: 80137
Ion Ratio Lower Upper
41 100
69 78.3 63.0 94.6
39 61.0 47.5 71.3





#49
1,4-Dioxane
Concen: 1004.564 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

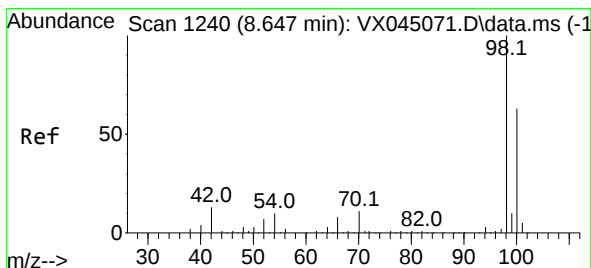
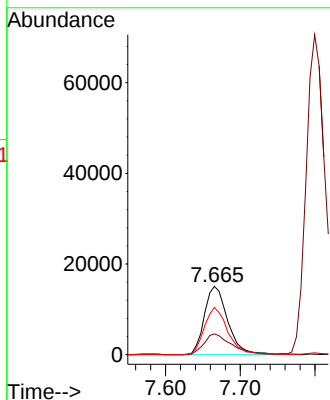
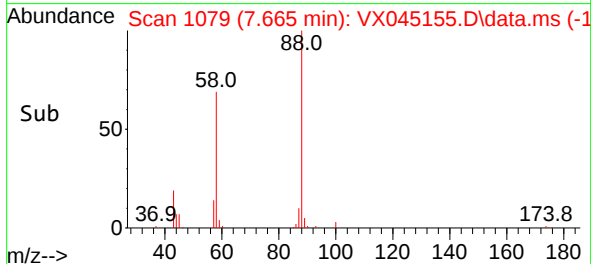
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 32662
Ion Ratio Lower Upper
88 100
43 35.7 28.7 43.1
58 70.0 55.8 83.8

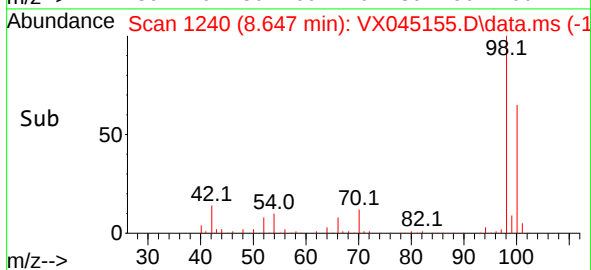
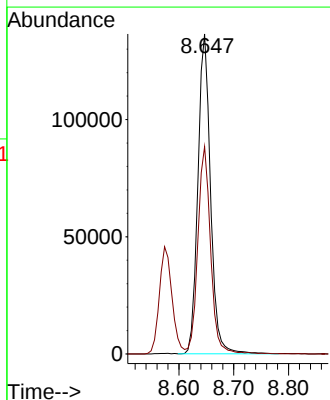
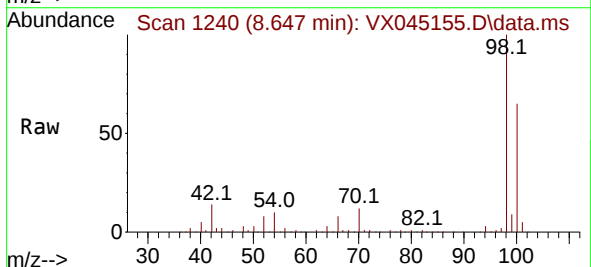
Manual Integrations
APPROVED

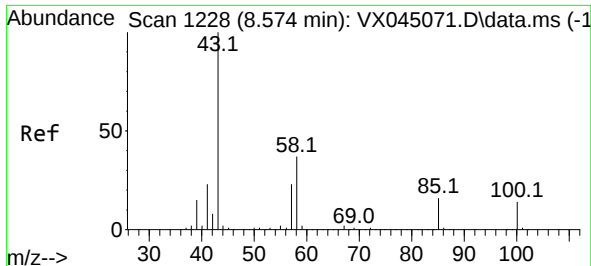
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#50
Toluene-d8
Concen: 51.298 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

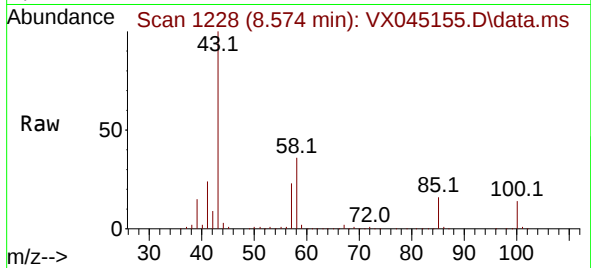
Tgt Ion: 98 Resp: 218659
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 262.414 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

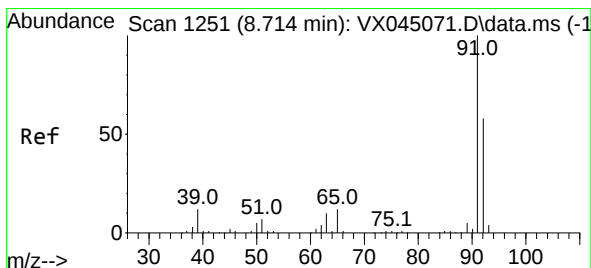
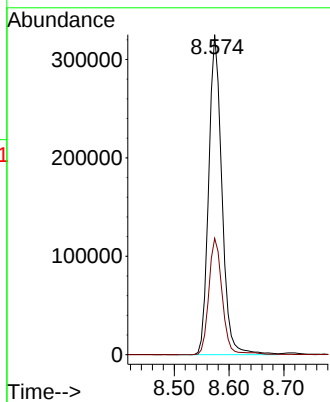
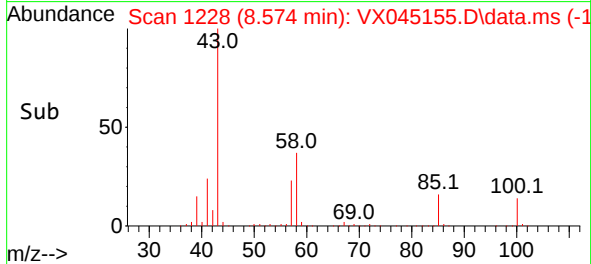
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



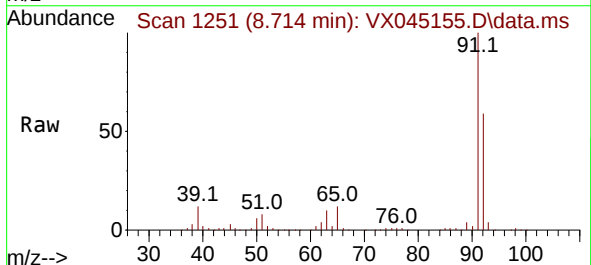
Tgt Ion: 43 Resp: 541338
Ion Ratio Lower Upper
43 100
58 37.2 29.2 43.8

Manual Integrations
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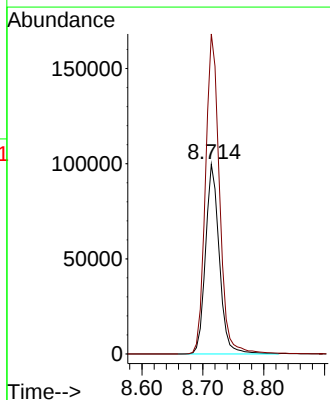
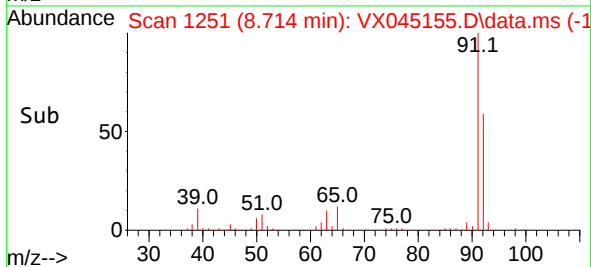
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025

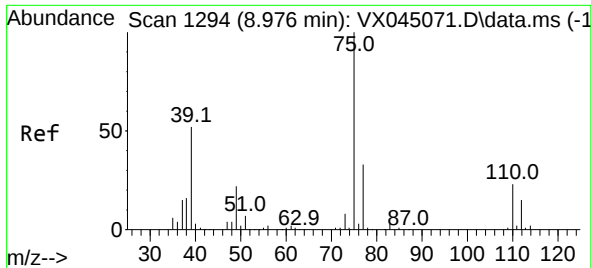


#52
Toluene
Concen: 52.538 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56



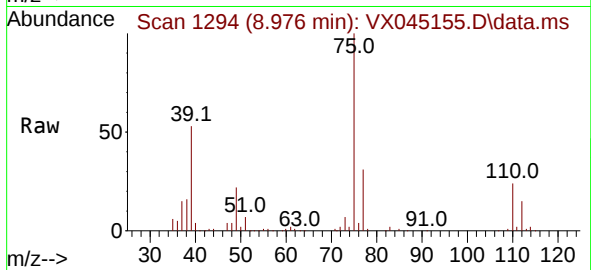
Tgt Ion: 92 Resp: 156953
Ion Ratio Lower Upper
92 100
91 172.1 138.9 208.3





#53
 t-1,3-Dichloropropene
 Concen: 54.074 ug/l
 RT: 8.976 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX045155.D
 Acq: 06 Mar 2025 09:56

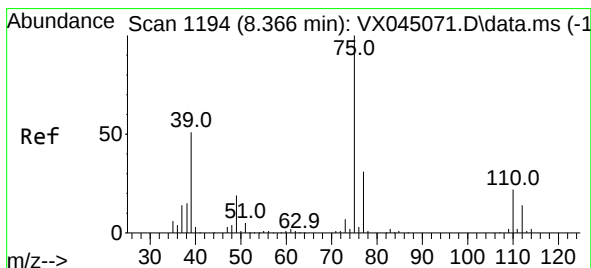
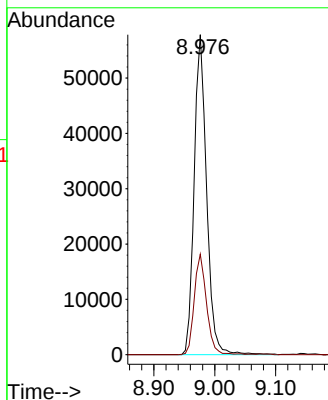
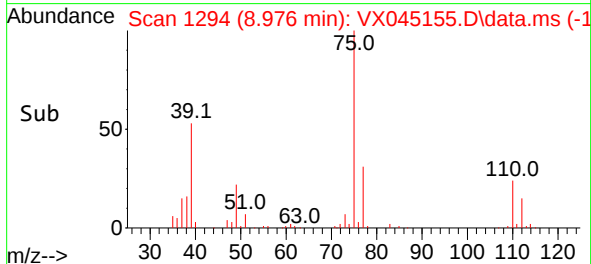
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



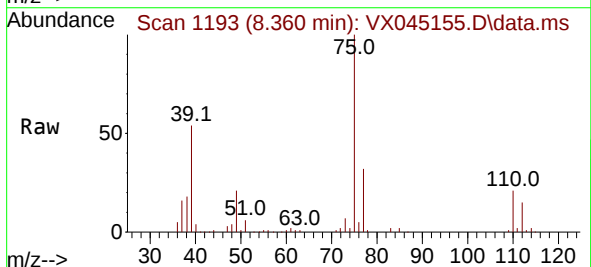
Tgt Ion: 75 Resp: 8204
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.5 39.7

Manual Integrations
 APPROVED

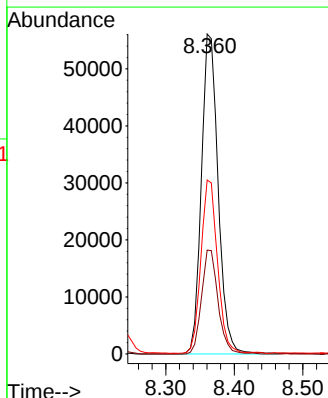
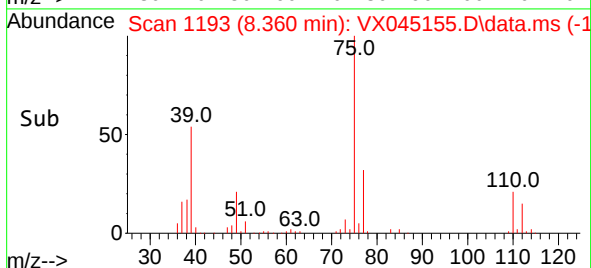
Reviewed By :John Carlone 03/10/2025
 Supervised By :Mahesh Dadoda 03/10/2025

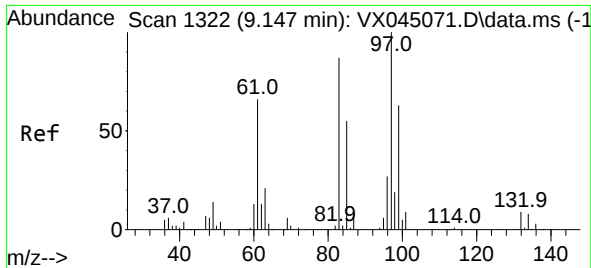


#54
 cis-1,3-Dichloropropene
 Concen: 54.055 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX045155.D
 Acq: 06 Mar 2025 09:56



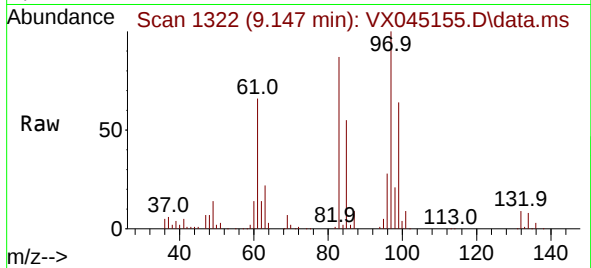
Tgt Ion: 75 Resp: 95642
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.7 37.1
 39 54.2 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 50.685 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

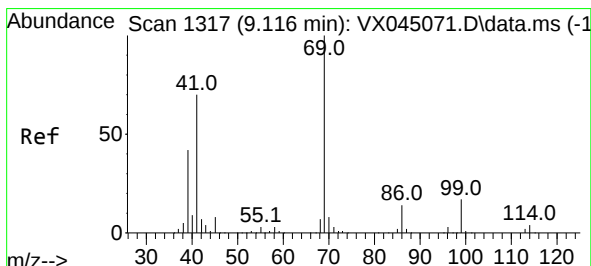
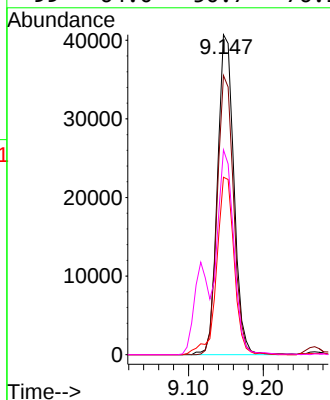
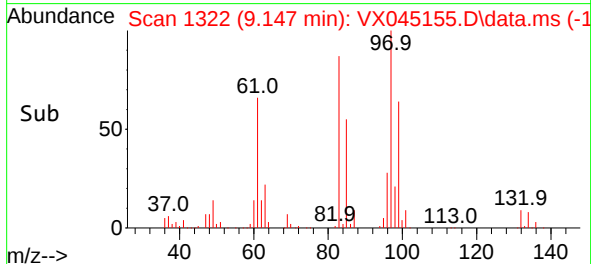


Tgt Ion: 97 Resp: 6233

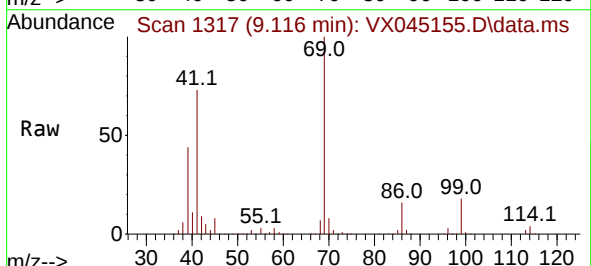
Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.4	104.2
85	55.5	44.1	66.1
99	64.0	50.7	76.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025

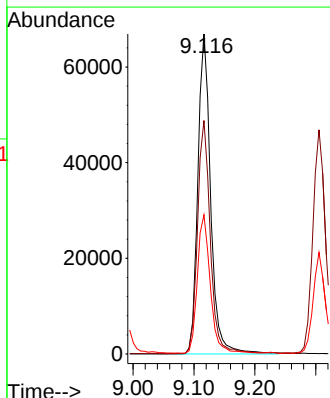
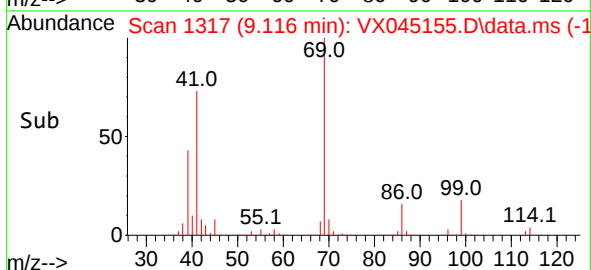


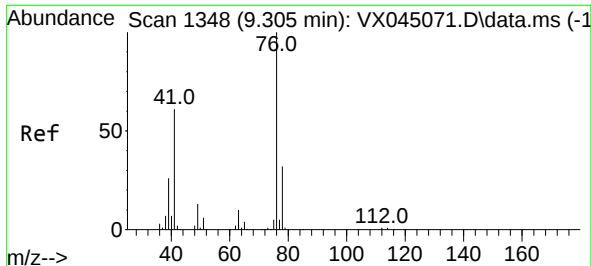
#56
Ethyl methacrylate
Concen: 52.367 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56



Tgt Ion: 69 Resp: 97896

Ion	Ratio	Lower	Upper
69	100		
41	72.4	57.0	85.4
39	43.4	34.2	51.4





#57

1,3-Dichloropropane

Concen: 50.592 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045155.D

Acq: 06 Mar 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 10767

Ion Ratio Lower Upper

76 100

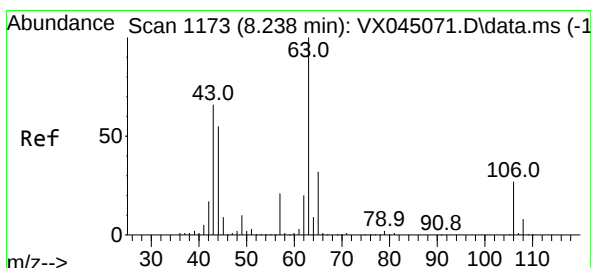
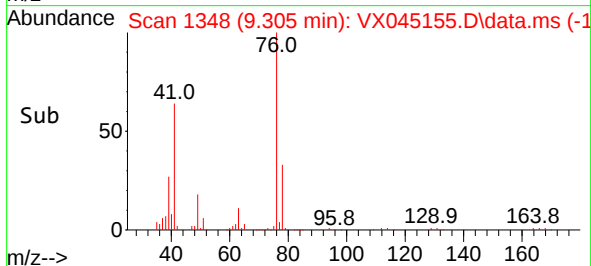
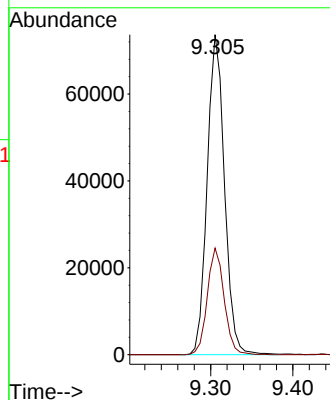
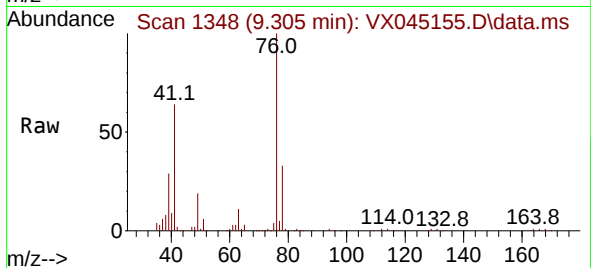
78 32.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2025

Supervised By :Mahesh Dadoda 03/10/2025



#58

2-Chloroethyl Vinyl ether

Concen: 274.113 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045155.D

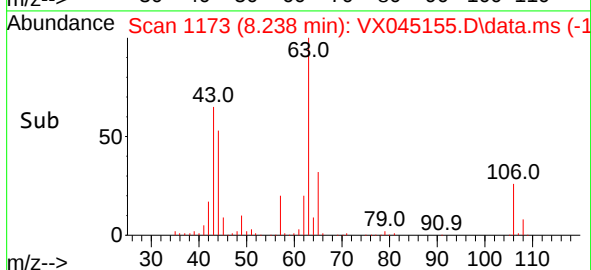
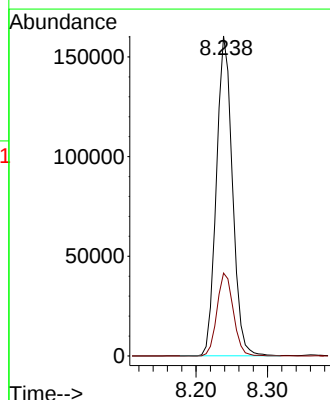
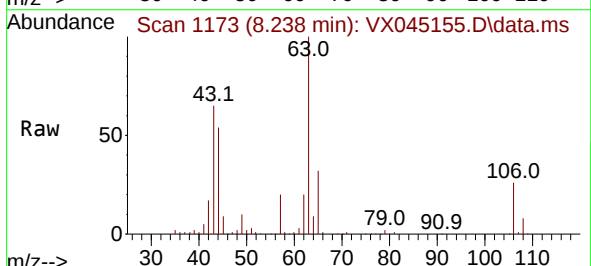
Acq: 06 Mar 2025 09:56

Tgt Ion: 63 Resp: 249971

Ion Ratio Lower Upper

63 100

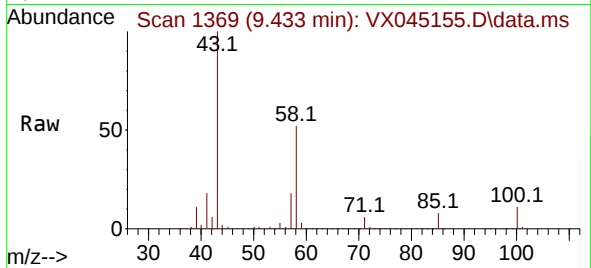
106 26.4 21.5 32.3





#59
2-Hexanone
Concen: 264.998 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

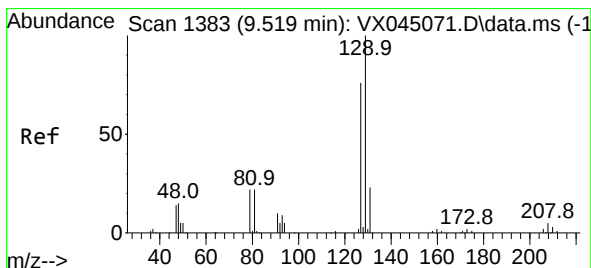
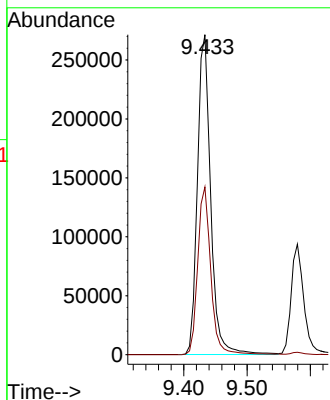
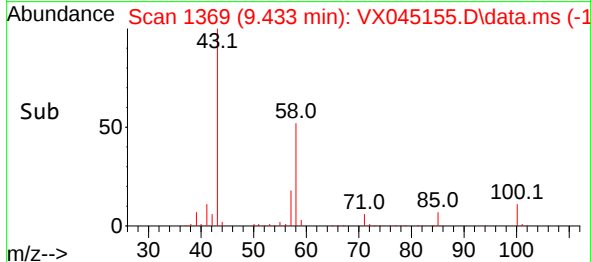
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 396084
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.6

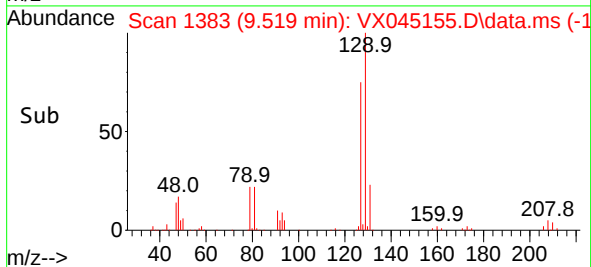
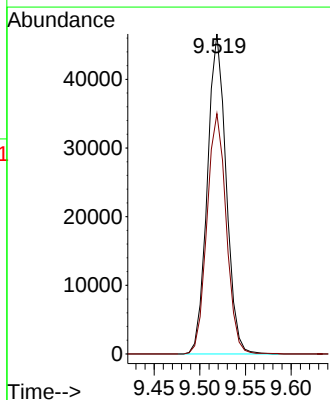
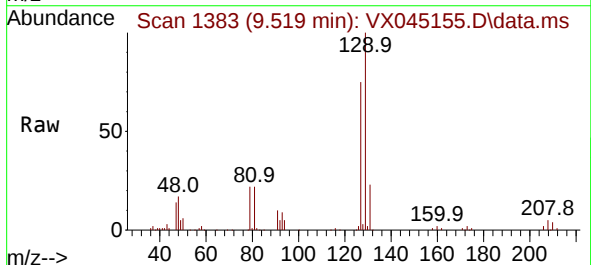
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#60
Dibromochloromethane
Concen: 51.634 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Tgt Ion:129 Resp: 66396
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





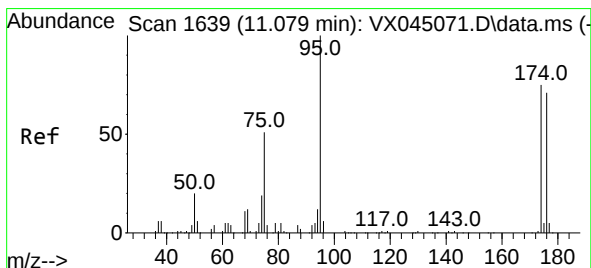
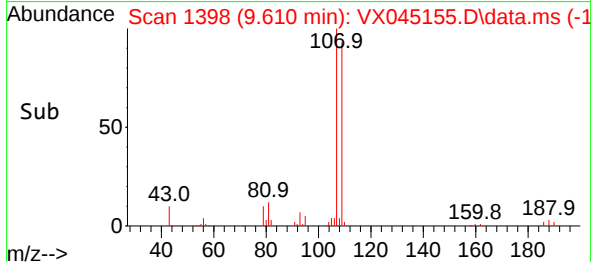
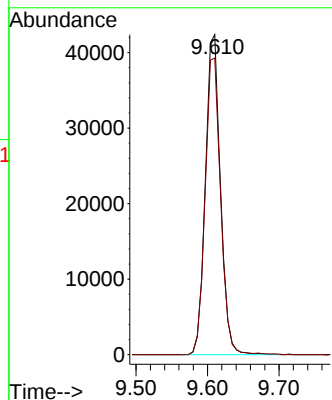
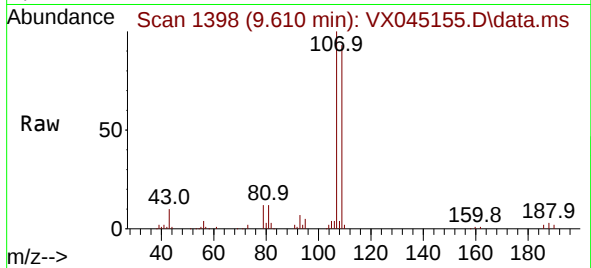
#61
1,2-Dibromoethane
Concen: 50.561 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 62070
Ion Ratio Lower Upper
107 100
109 95.4 76.1 114.1

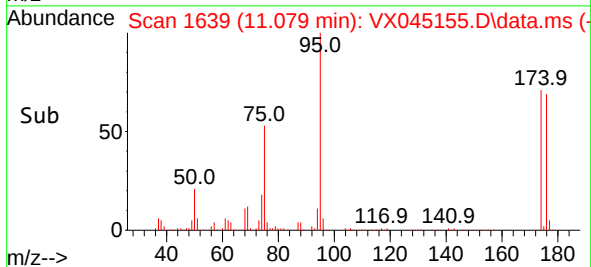
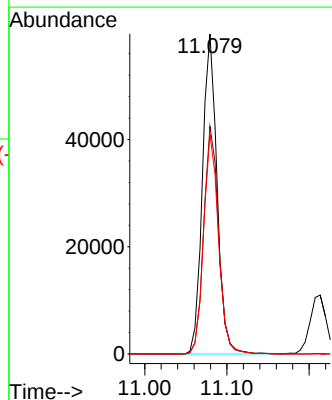
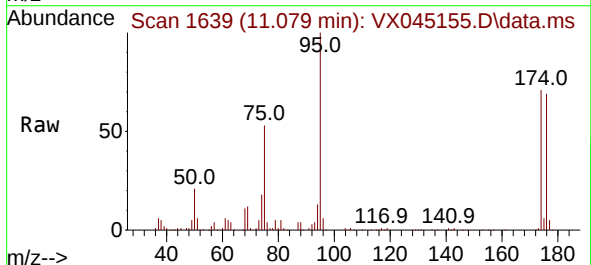
Manual Integrations
APPROVED

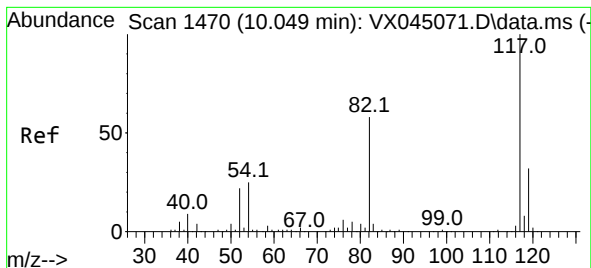
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#62
4-Bromofluorobenzene
Concen: 52.170 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

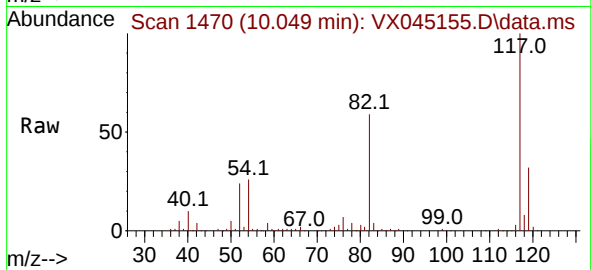
Tgt Ion: 95 Resp: 73689
Ion Ratio Lower Upper
95 100
174 72.7 0.0 148.2
176 70.0 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

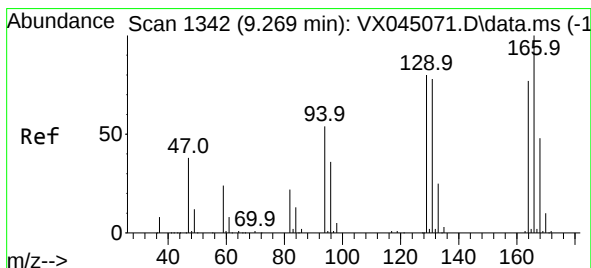
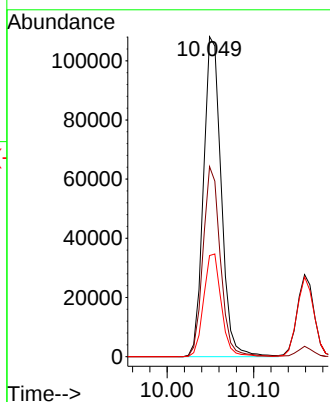
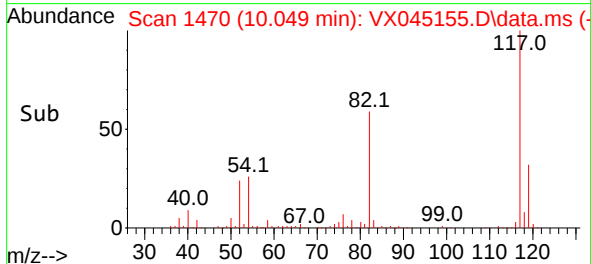
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 153740
Ion Ratio Lower Upper
117 100
82 59.4 46.3 69.5
119 31.6 25.7 38.5

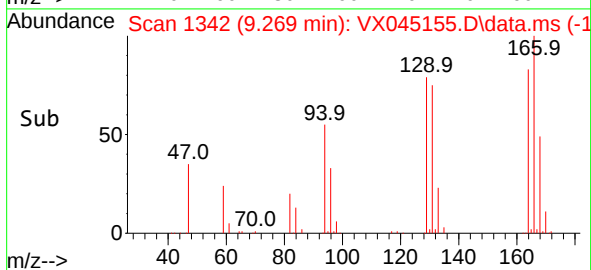
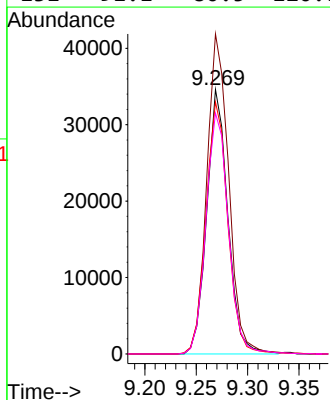
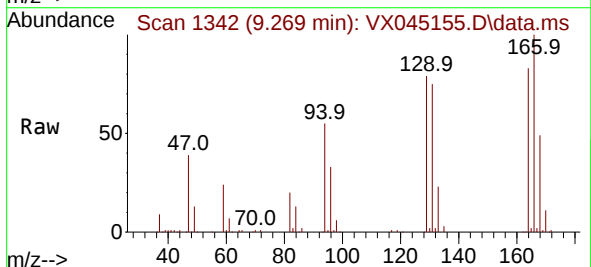
Manual Integrations
APPROVED

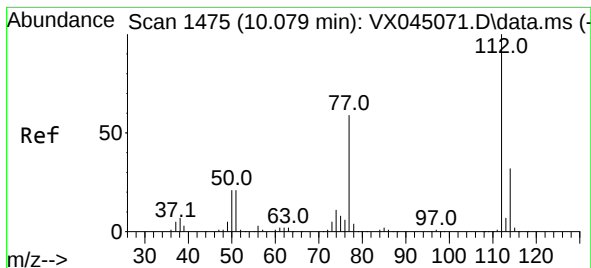
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#64
Tetrachloroethene
Concen: 50.303 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Tgt Ion:164 Resp: 49532
Ion Ratio Lower Upper
164 100
166 121.0 103.6 155.4
129 95.3 82.7 124.1
131 91.1 80.5 120.7





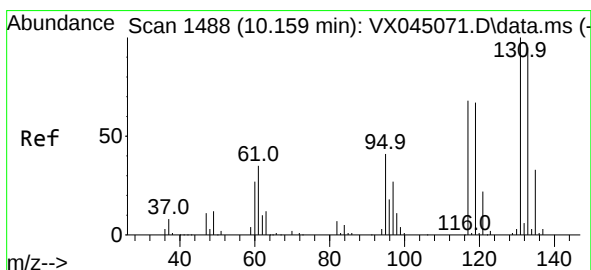
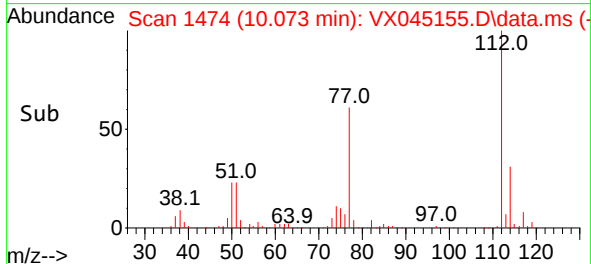
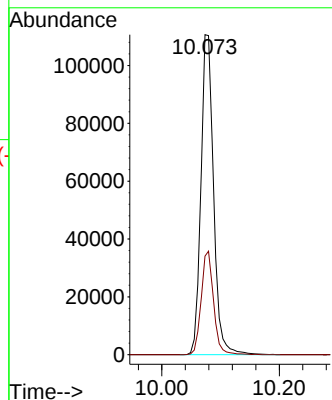
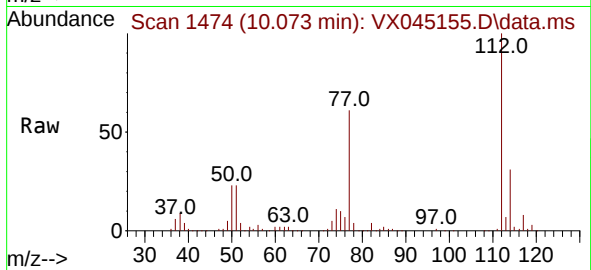
#65
Chlorobenzene
Concen: 50.951 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 165750
Ion Ratio Lower Upper
112 100
114 30.8 26.0 39.0

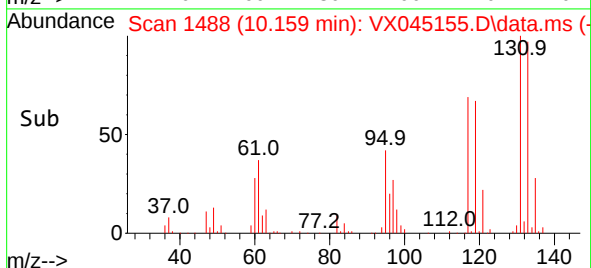
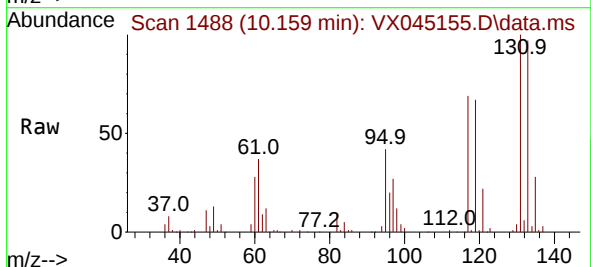
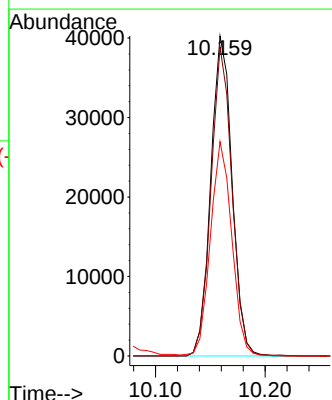
Manual Integrations
APPROVED

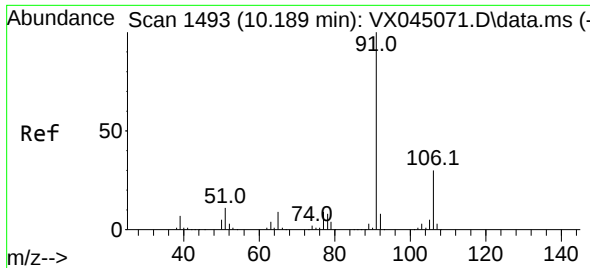
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.032 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

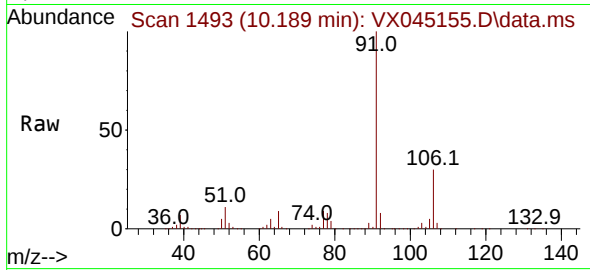
Tgt Ion:131 Resp: 54204
Ion Ratio Lower Upper
131 100
133 95.4 48.6 145.9
119 67.4 33.9 101.7





#67
Ethyl Benzene
Concen: 52.376 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

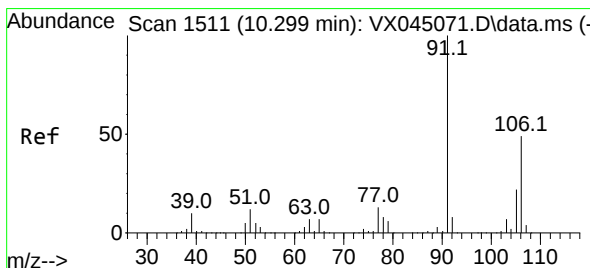
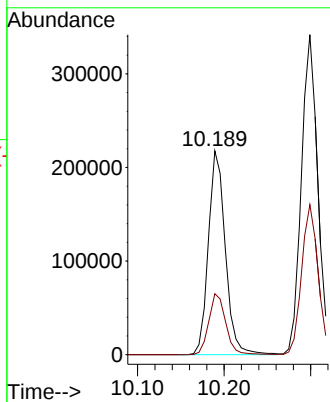
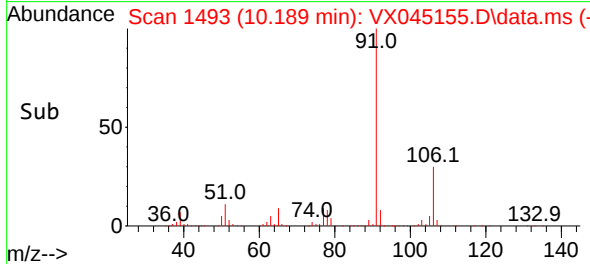
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



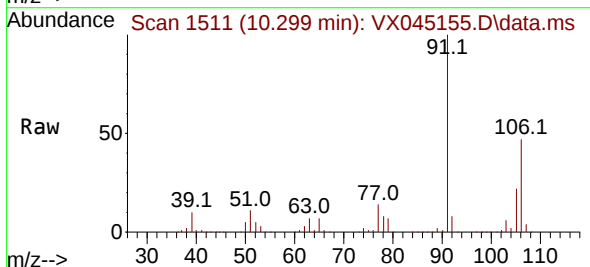
Tgt Ion: 91 Resp: 296897
Ion Ratio Lower Upper
91 100
106 29.9 23.9 35.9

Manual Integrations
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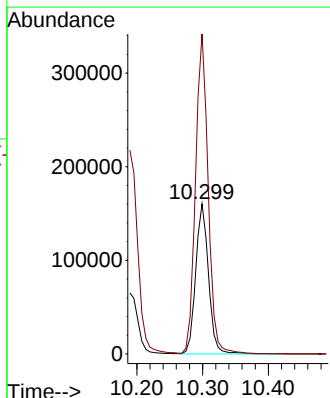
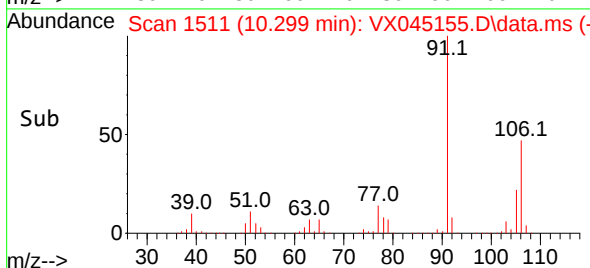
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025

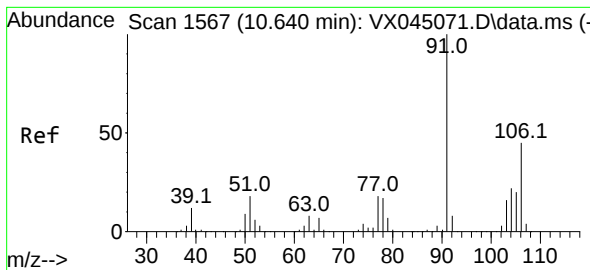


#68
m/p-Xylenes
Concen: 104.329 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56



Tgt Ion:106 Resp: 216494
Ion Ratio Lower Upper
106 100
91 210.8 165.4 248.0





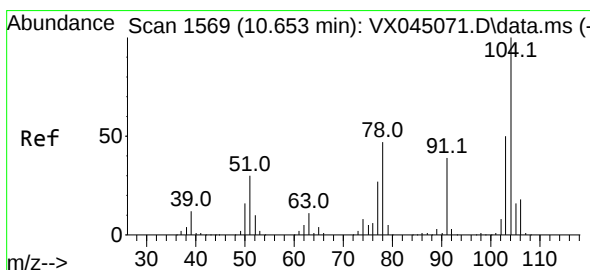
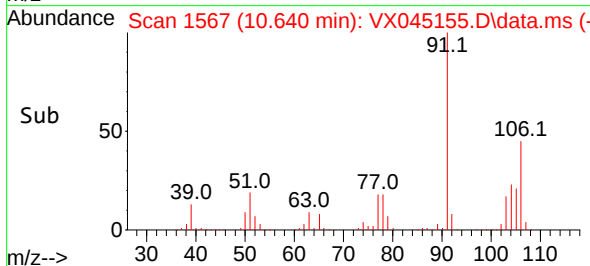
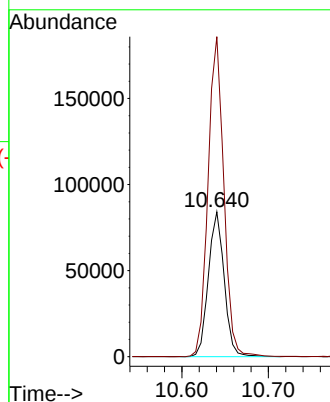
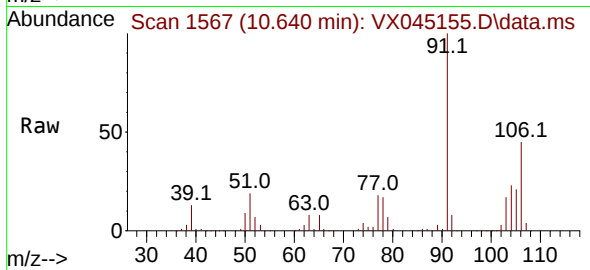
#69
o-Xylene
Concen: 51.019 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 106770
Ion Ratio Lower Upper
106 100
91 219.8 109.9 329.6

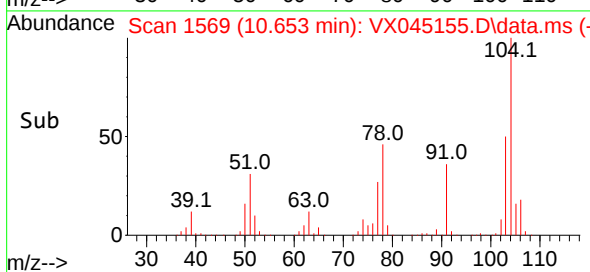
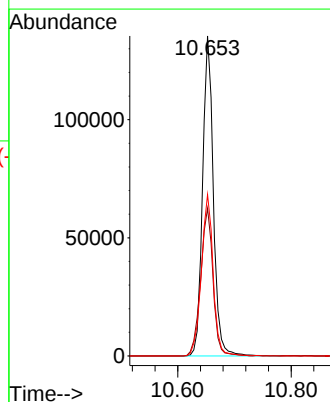
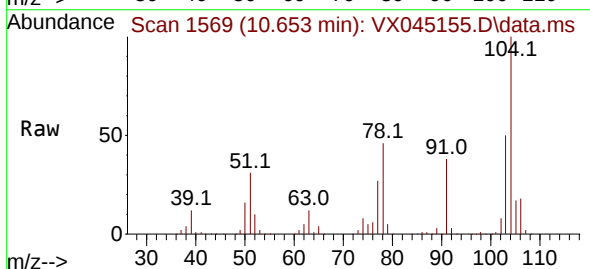
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#70
Styrene
Concen: 52.810 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

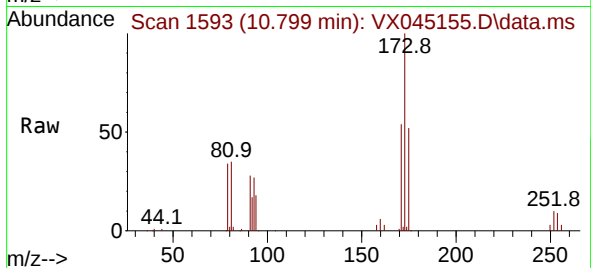
Tgt Ion:104 Resp: 178838
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.4
103 55.2 43.8 65.8





#71
Bromoform
Concen: 49.970 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

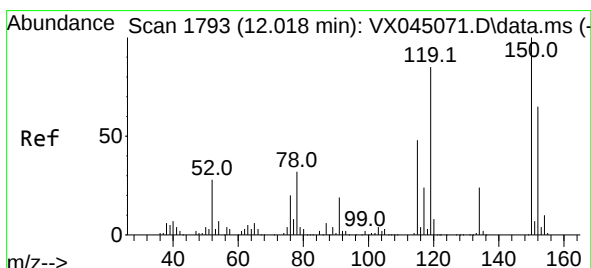
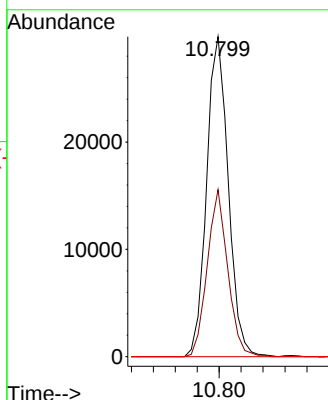
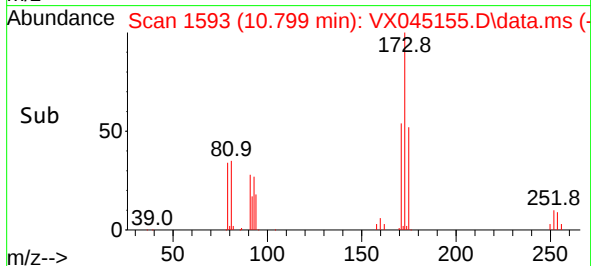
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 40824
Ion Ratio Lower Upper
173 100
175 49.6 24.6 73.6
254 0.0 0.0 0.0

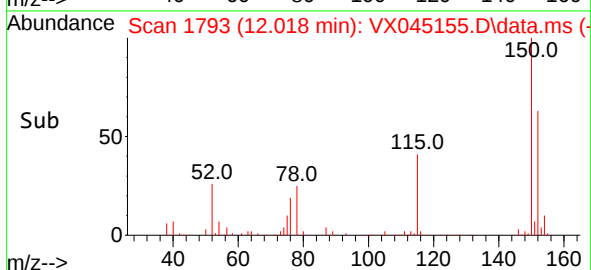
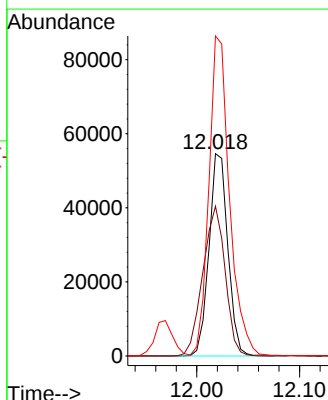
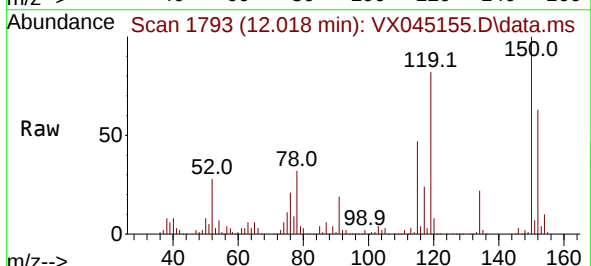
Manual Integrations
APPROVED

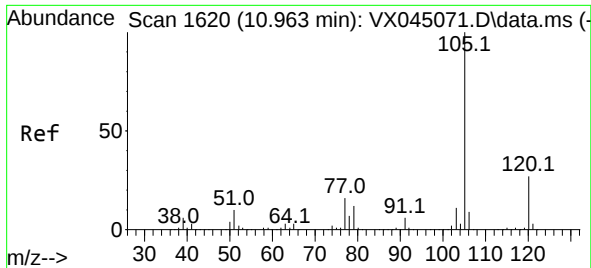
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

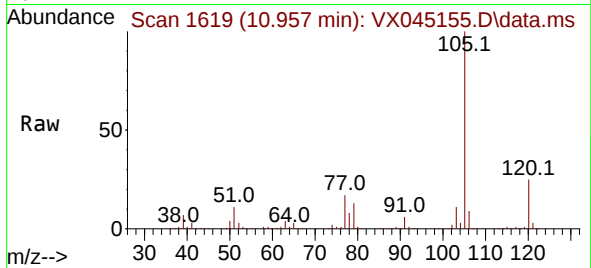
Tgt Ion:152 Resp: 69403
Ion Ratio Lower Upper
152 100
115 87.7 44.2 132.6
150 173.0 0.0 349.0





#73
Isopropylbenzene
Concen: 50.984 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

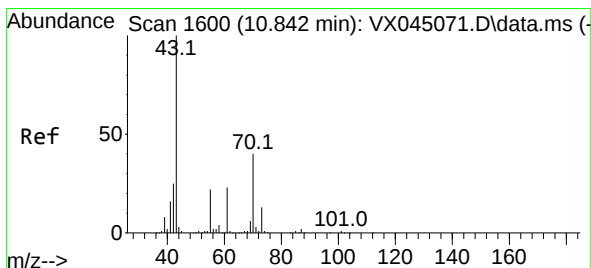
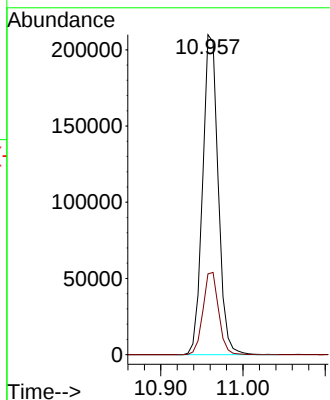
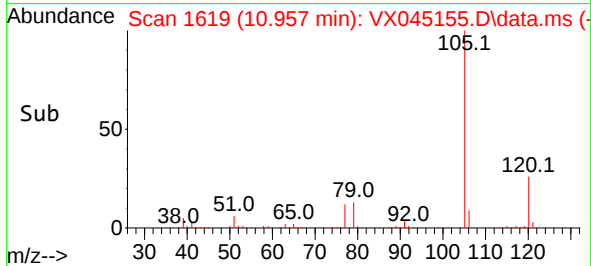
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



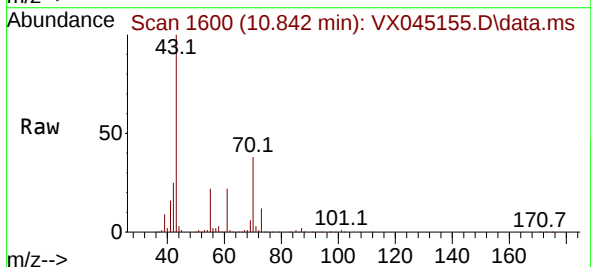
Tgt Ion:105 Resp: 276189
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5

Manual Integrations
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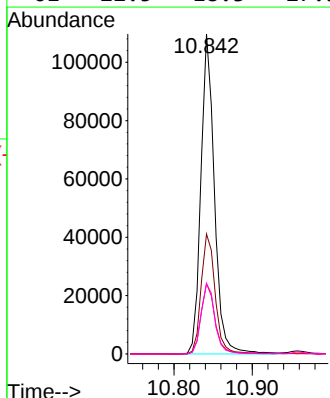
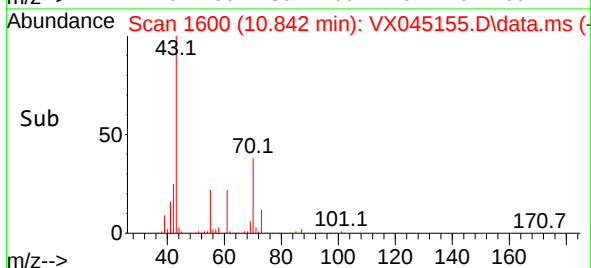
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#74
N-ethyl acetate
Concen: 51.811 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56



Tgt Ion: 43 Resp: 131698
Ion Ratio Lower Upper
43 100
70 39.0 31.8 47.6
55 22.9 18.3 27.5
61 22.5 18.3 27.5





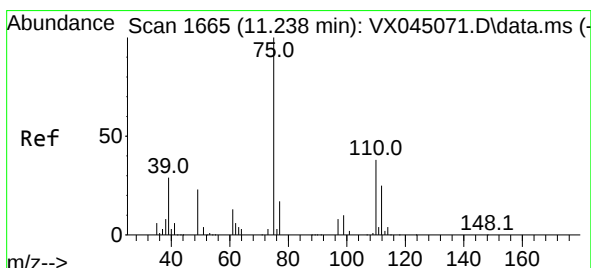
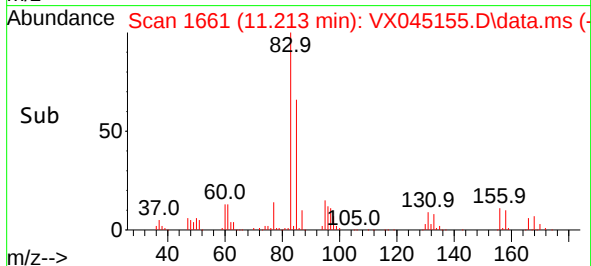
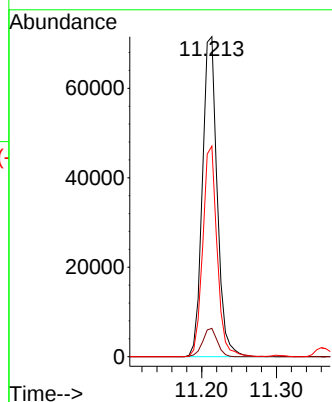
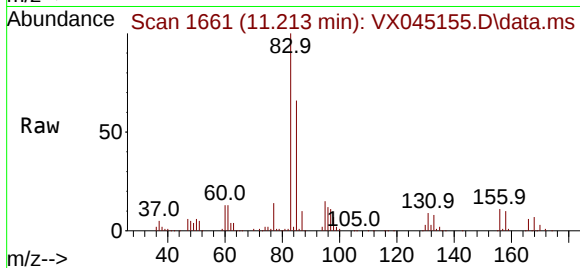
#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.376 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX045155.D
 Acq: 06 Mar 2025 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 98154
 Ion Ratio Lower Upper
 83 100
 131 8.8 4.5 13.4
 85 63.9 31.7 95.1

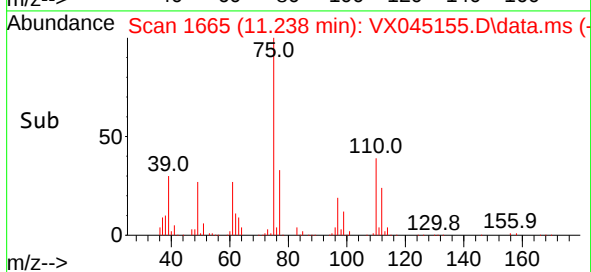
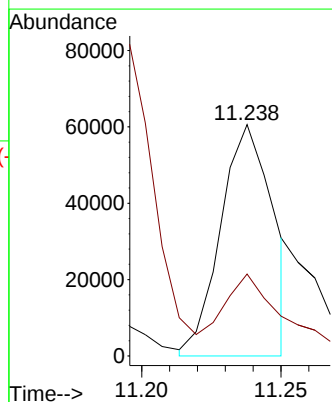
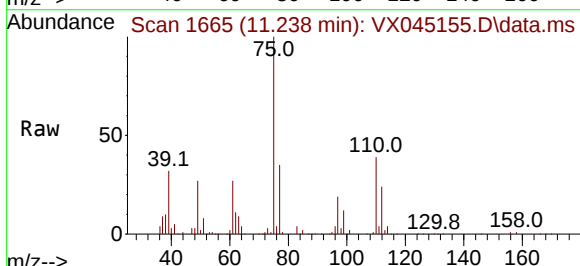
Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/10/2025
 Supervised By :Mahesh Dadoda 03/10/2025



#76
 1,2,3-Trichloropropane
 Concen: 49.083 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX045155.D
 Acq: 06 Mar 2025 09:56

Tgt Ion: 75 Resp: 79287
 Ion Ratio Lower Upper
 75 100
 77 42.3 20.7 62.1





#77

Bromobenzene

Concen: 50.213 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX045155.D

Acq: 06 Mar 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 64179

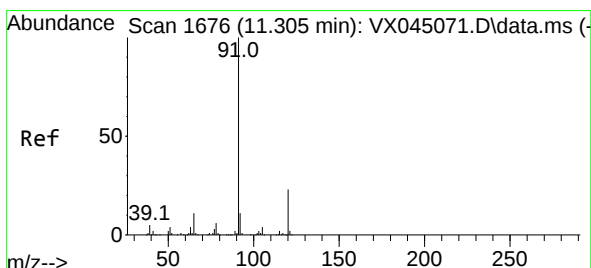
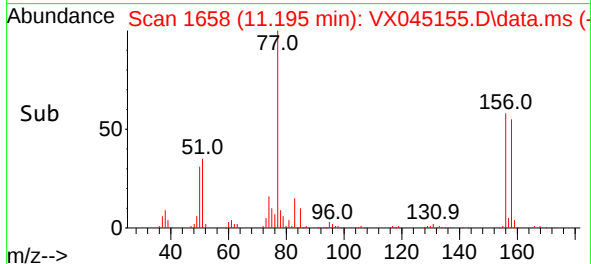
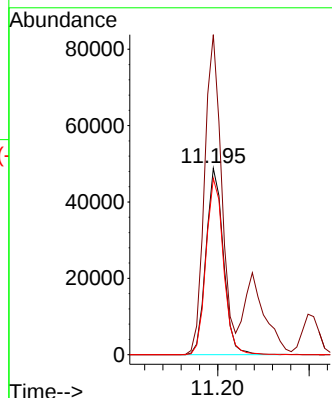
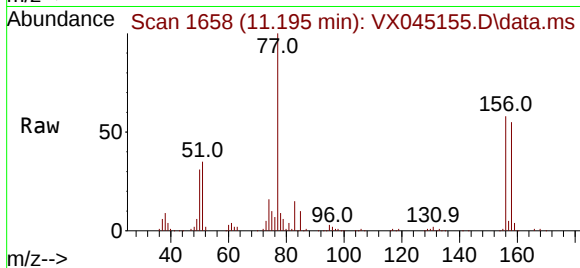
Ion	Ratio	Lower	Upper
156	100		
77	169.2	85.8	257.4
158	95.3	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2025

Supervised By :Mahesh Dadoda 03/10/2025



#78

n-propylbenzene

Concen: 52.781 ug/l

RT: 11.305 min Scan# 1676

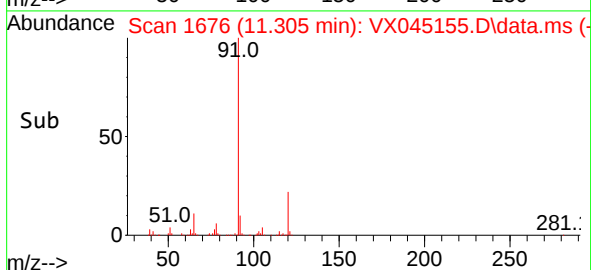
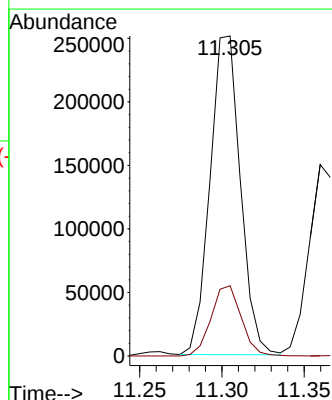
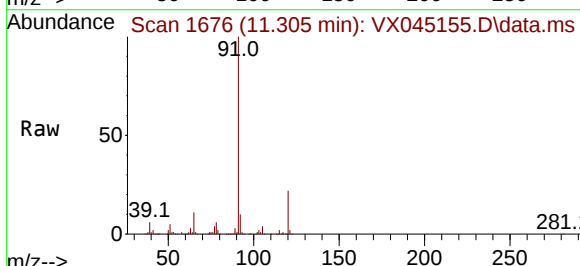
Delta R.T. 0.000 min

Lab File: VX045155.D

Acq: 06 Mar 2025 09:56

Tgt Ion: 91 Resp: 322984

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.2	33.6





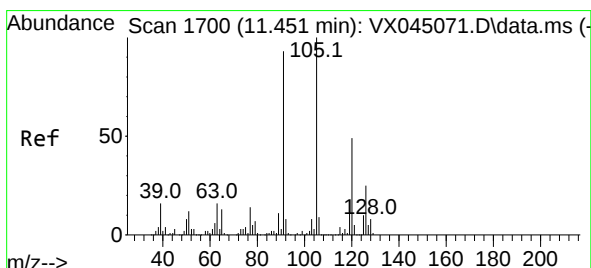
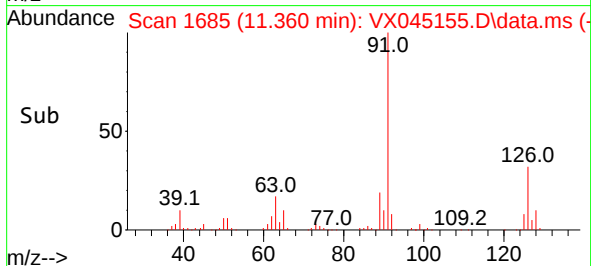
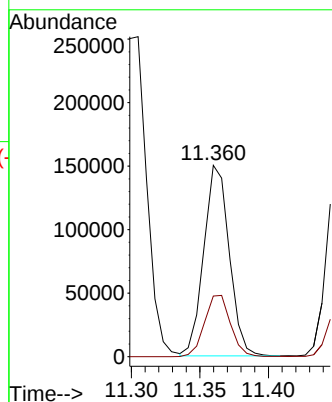
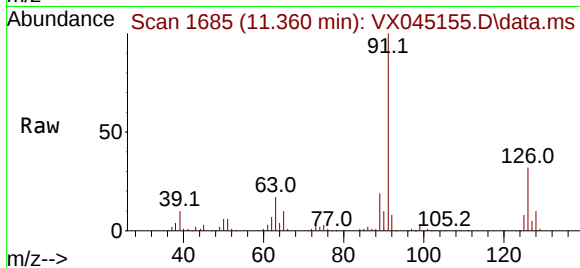
#79
2-Chlorotoluene
Concen: 49.740 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 193840
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.4

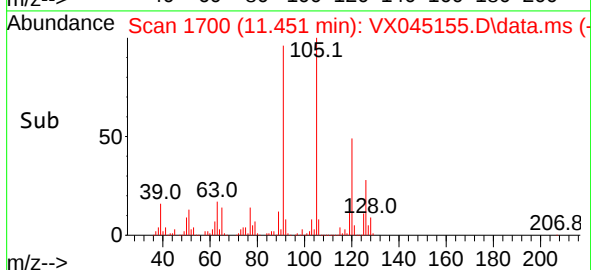
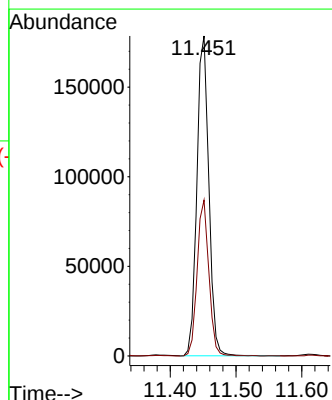
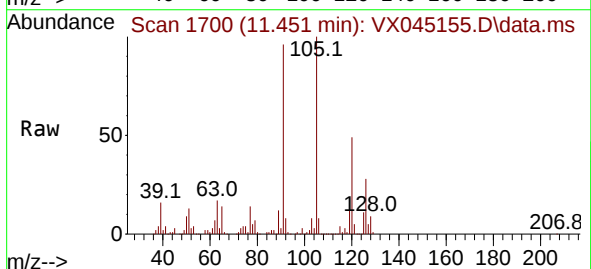
Manual Integrations
APPROVED

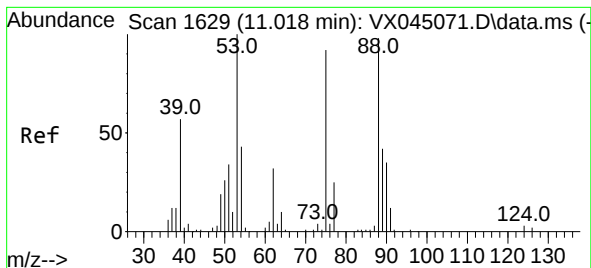
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.365 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Tgt Ion:105 Resp: 224986
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.2





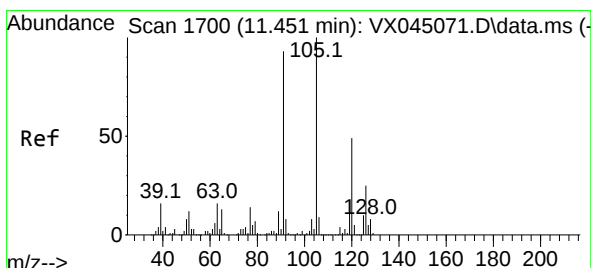
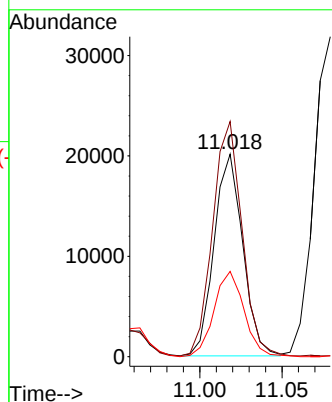
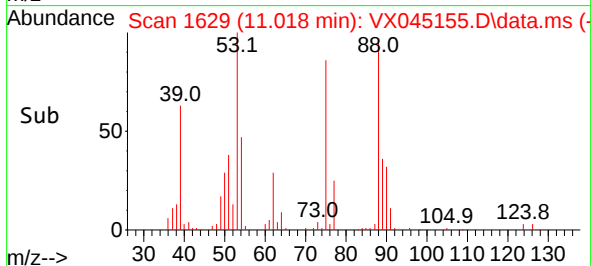
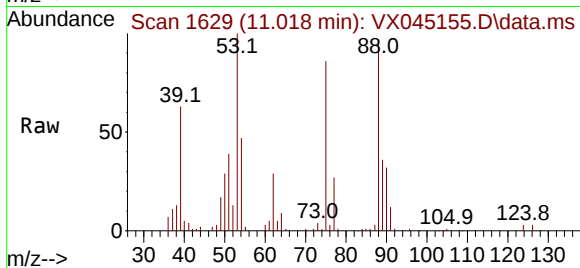
#81
trans-1,4-Dichloro-2-butene
Concen: 51.737 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2442
Ion Ratio Lower Upper
75 100
53 118.4 88.5 132.7
89 44.2 36.2 54.4

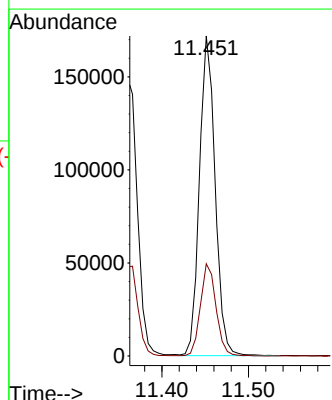
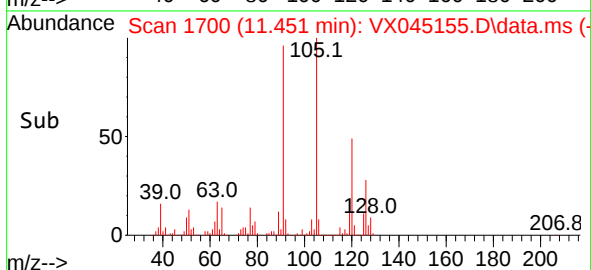
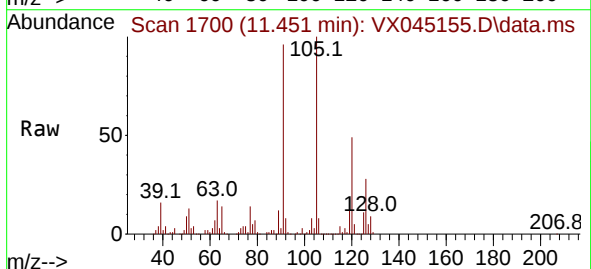
Manual Integrations
APPROVED

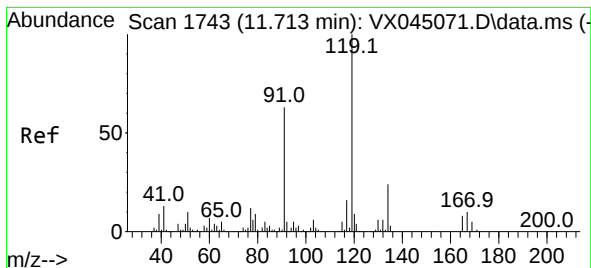
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#82
4-Chlorotoluene
Concen: 50.836 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

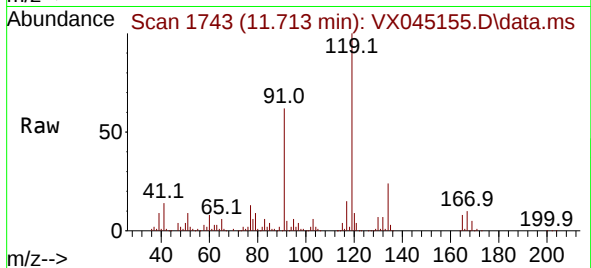
Tgt Ion: 91 Resp: 215920
Ion Ratio Lower Upper
91 100
126 28.8 14.1 42.4





#83
tert-Butylbenzene
Concen: 50.423 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

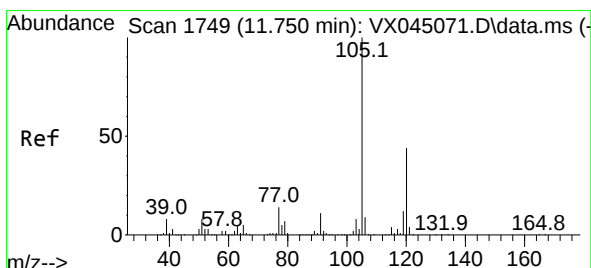
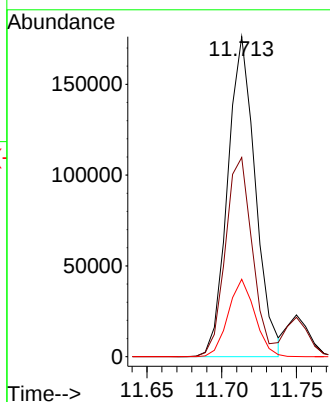
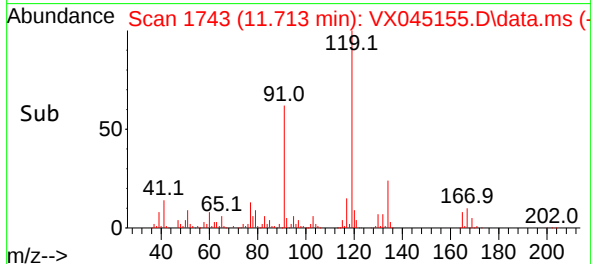
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



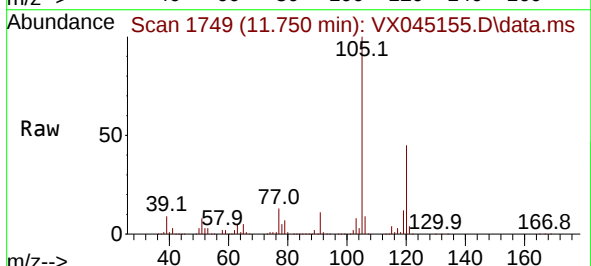
Tgt Ion:119 Resp: 226930
Ion Ratio Lower Upper
119 100
91 61.6 30.7 92.1
134 23.3 11.7 35.0

Manual Integrations
APPROVED

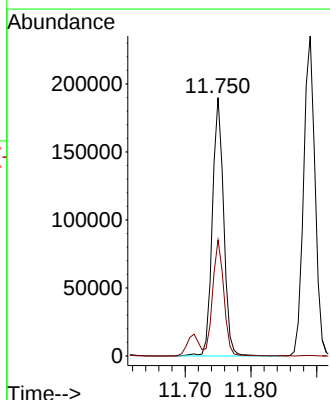
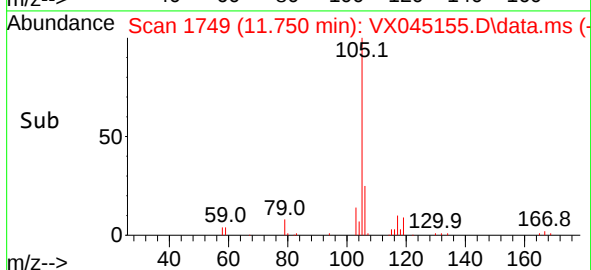
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025

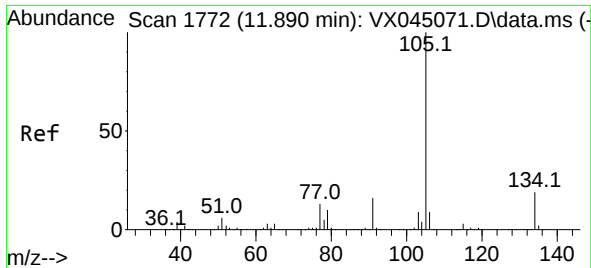


#84
1,2,4-Trimethylbenzene
Concen: 51.566 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56



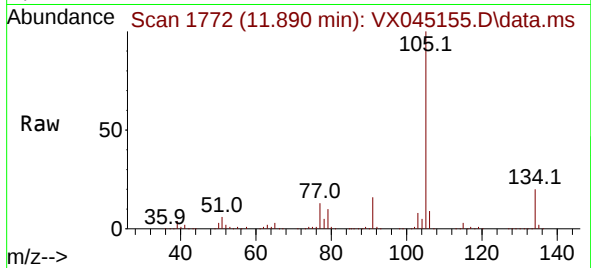
Tgt Ion:105 Resp: 227267
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 52.696 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045155.D
 Acq: 06 Mar 2025 09:56

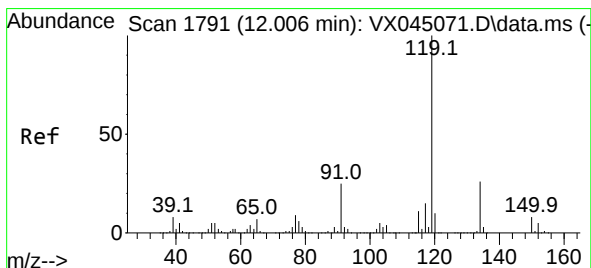
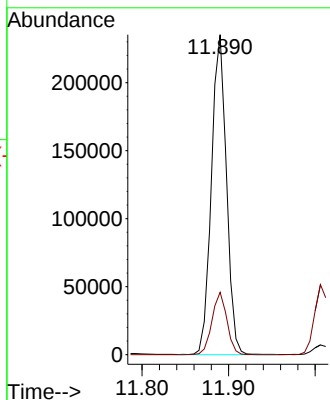
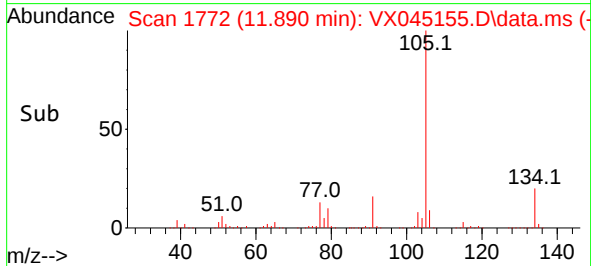
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 284085
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

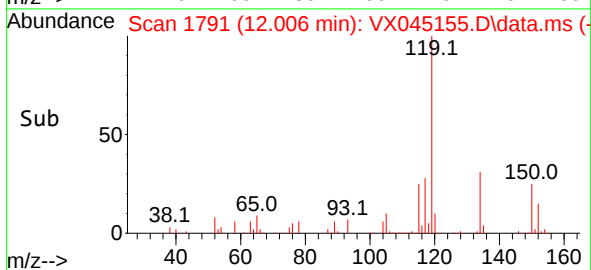
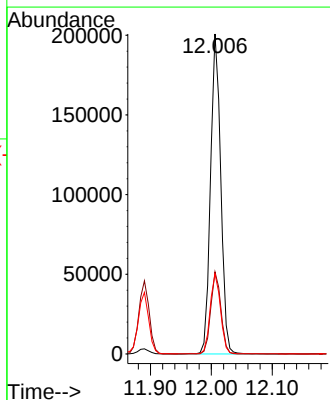
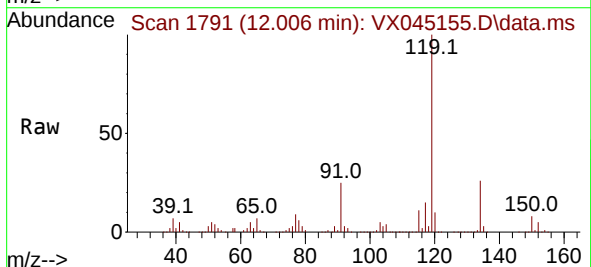
Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/10/2025
 Supervised By :Mahesh Dadoda 03/10/2025



#86
 p-Isopropyltoluene
 Concen: 53.707 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045155.D
 Acq: 06 Mar 2025 09:56

Tgt Ion:119 Resp: 233986
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 25.3 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 49.852 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045155.D

Acq: 06 Mar 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 11366

Ion Ratio Lower Upper

146 100

111 43.1 21.1 63.4

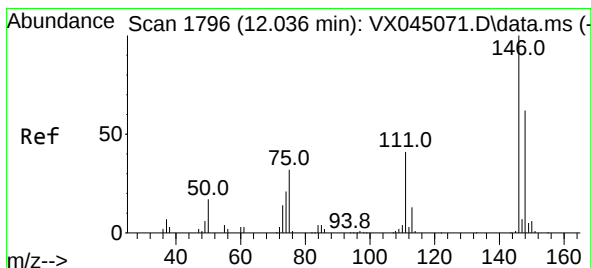
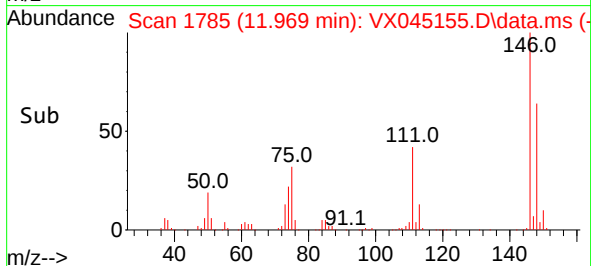
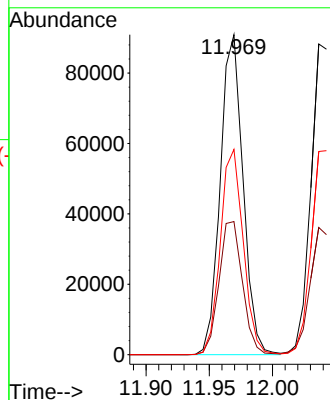
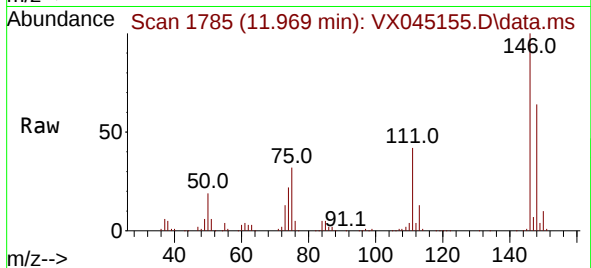
148 64.6 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/10/2025

Supervised By :Mahesh Dadoda 03/10/2025



#88

1,4-Dichlorobenzene

Concen: 49.469 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX045155.D

Acq: 06 Mar 2025 09:56

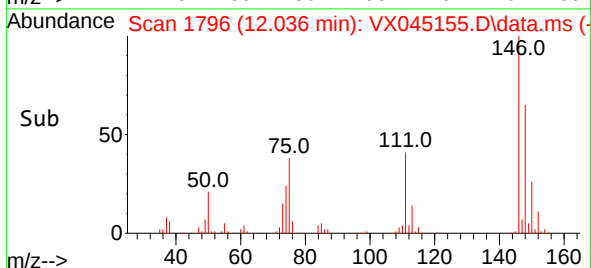
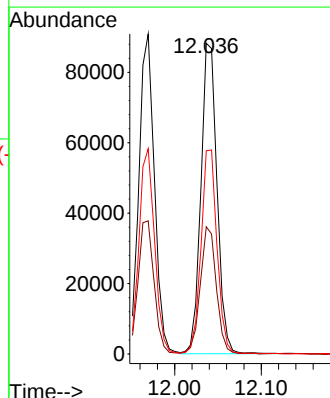
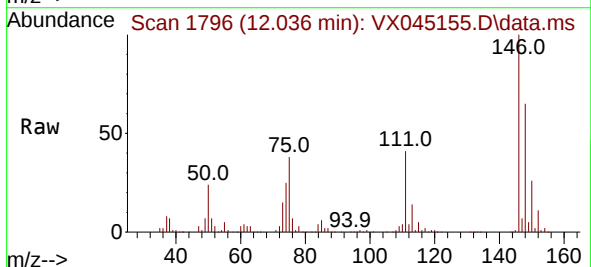
Tgt Ion:146 Resp: 114115

Ion Ratio Lower Upper

146 100

111 40.9 20.2 60.5

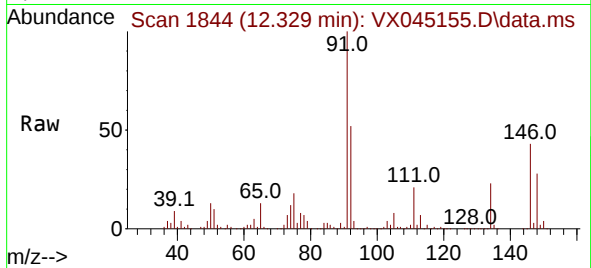
148 65.5 31.9 95.9





#89
n-Butylbenzene
Concen: 55.868 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

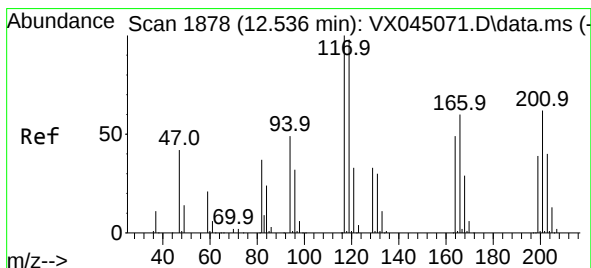
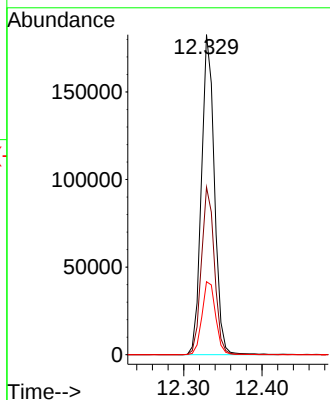
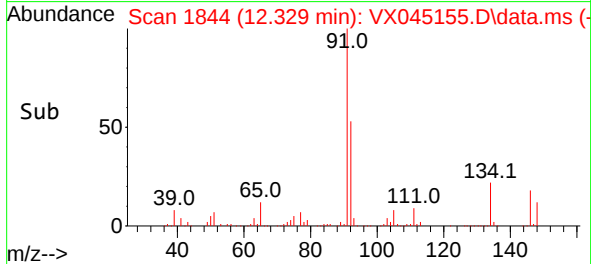
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 20963
Ion Ratio Lower Upper
91 100
92 52.6 26.7 80.0
134 24.0 12.2 36.6

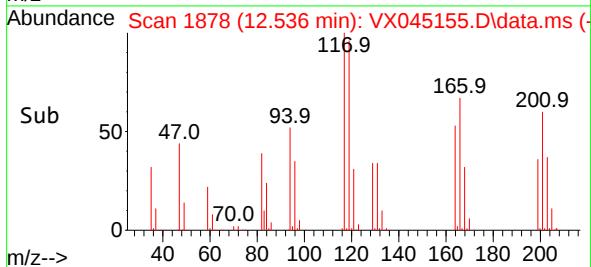
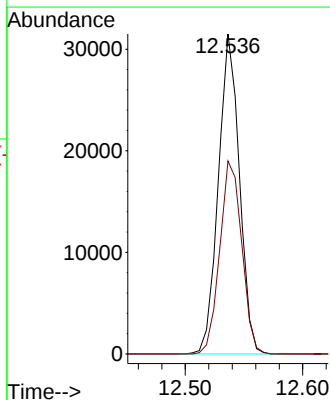
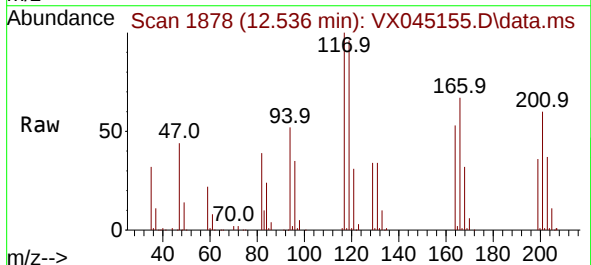
Manual Integrations
APPROVED

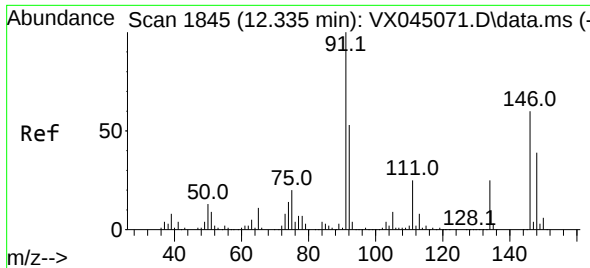
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#90
Hexachloroethane
Concen: 49.718 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

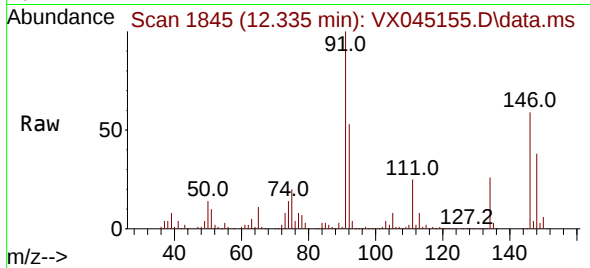
Tgt Ion:117 Resp: 39179
Ion Ratio Lower Upper
117 100
201 63.1 31.9 95.9





#91
1,2-Dichlorobenzene
Concen: 51.199 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

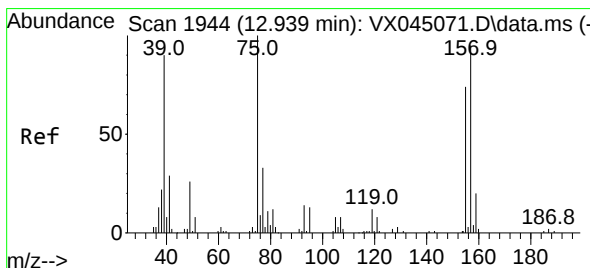
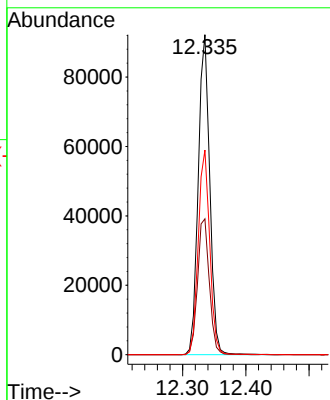
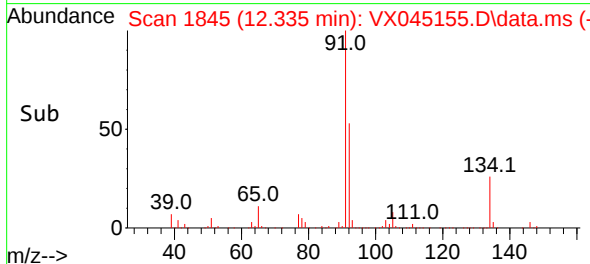
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



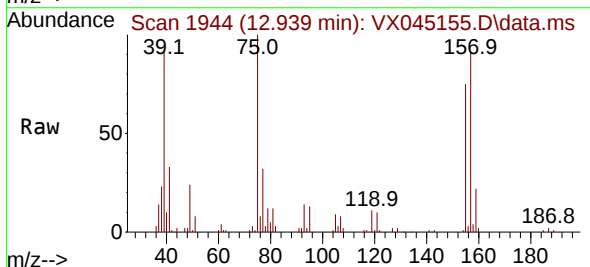
Tgt Ion:146 Resp: 11710
Ion Ratio Lower Upper
146 100
111 43.4 21.6 65.0
148 63.6 31.9 95.9

Manual Integrations
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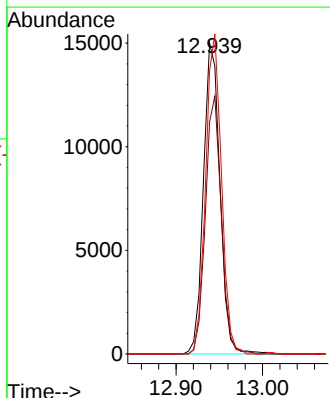
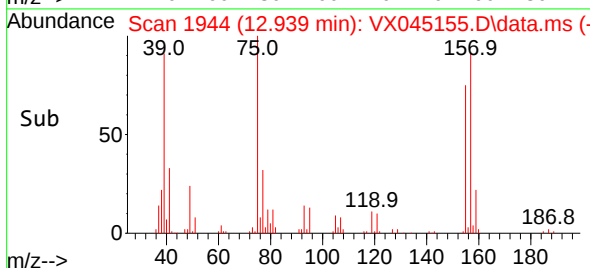
Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025

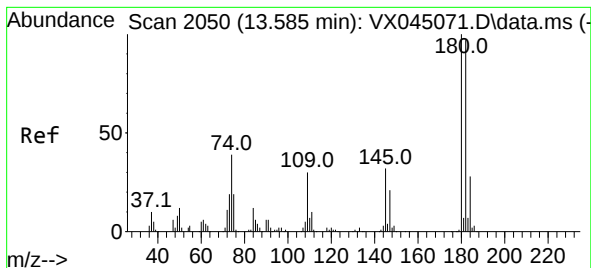


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.248 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56



Tgt Ion: 75 Resp: 19847
Ion Ratio Lower Upper
75 100
155 80.0 39.6 118.7
157 98.8 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 53.845 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045155.D

Acq: 06 Mar 2025 09:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

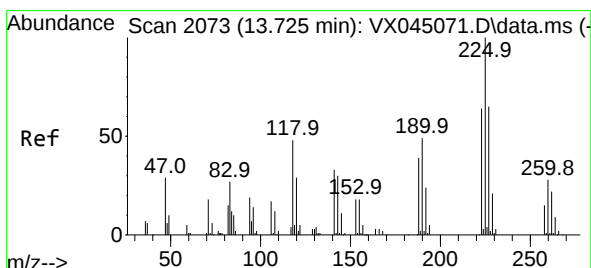
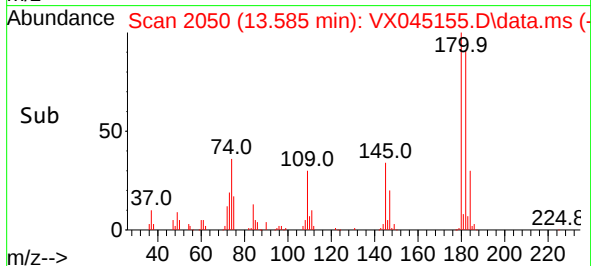
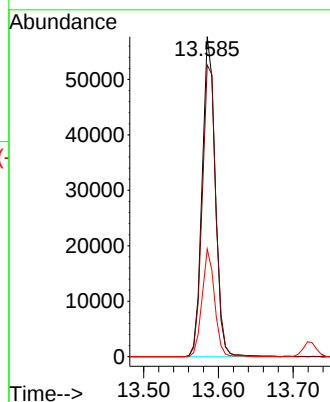
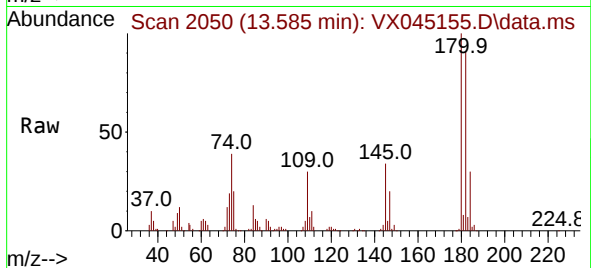
Tgt Ion:180	Resp:	7012
Ion Ratio	Lower	Upper
180	100	
182	95.0	47.3 141.9
145	32.1	16.3 48.9

Manual Integrations

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Reviewed By :John Carlone 03/10/2025

Supervised By :Mahesh Dadoda 03/10/2025



#94

Hexachlorobutadiene

Concen: 52.418 ug/l

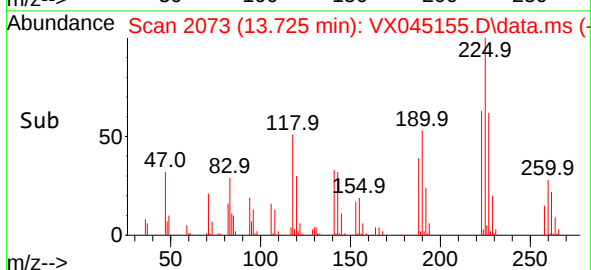
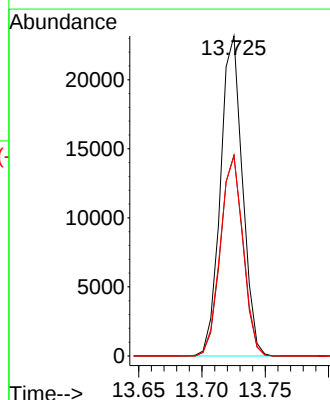
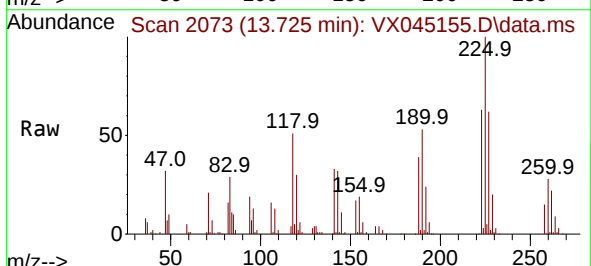
RT: 13.725 min Scan# 2073

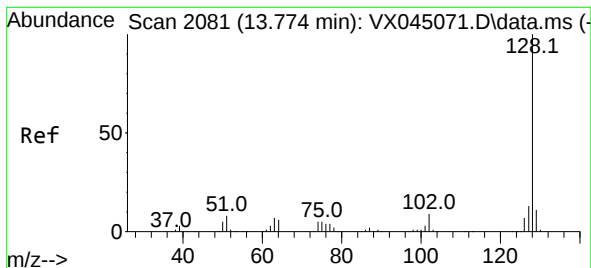
Delta R.T. 0.000 min

Lab File: VX045155.D

Acq: 06 Mar 2025 09:56

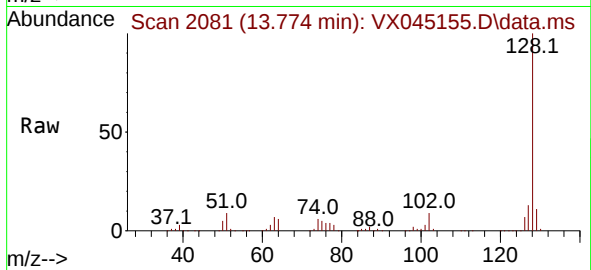
Tgt Ion:225	Resp:	27989
Ion Ratio	Lower	Upper
225	100	
223	63.6	31.9 95.7
227	64.8	31.4 94.0





#95
Naphthalene
Concen: 53.234 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56

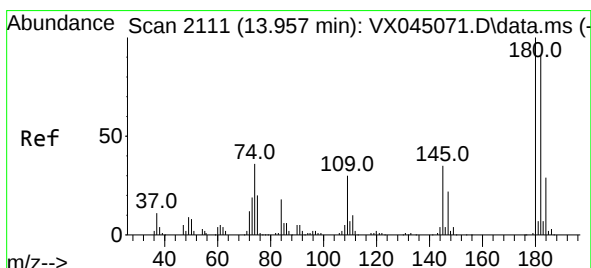
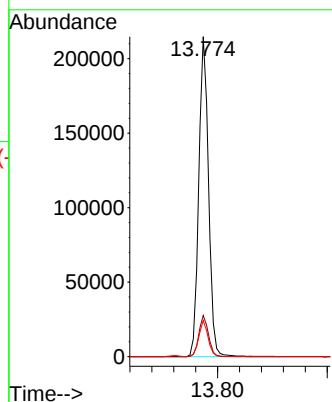
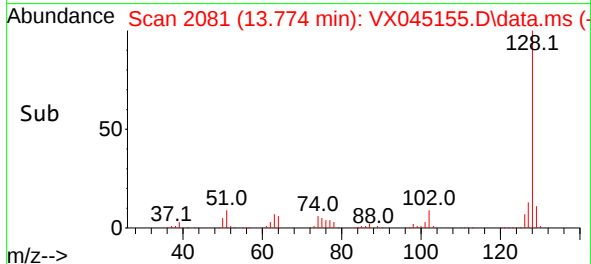
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



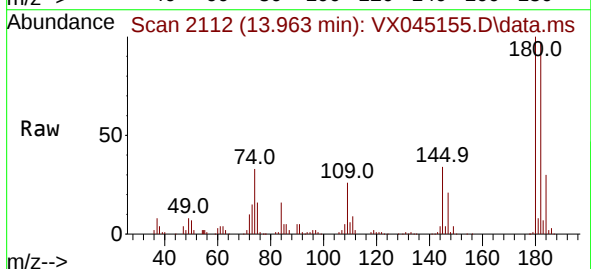
Tgt Ion:128 Resp: 266370
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/10/2025
Supervised By :Mahesh Dadoda 03/10/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.222 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX045155.D
Acq: 06 Mar 2025 09:56



Tgt Ion:180 Resp: 73124
Ion Ratio Lower Upper
180 100
182 93.9 47.5 142.6
145 34.3 17.0 50.9

