

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041825\
 Data File : VX045863.D
 Acq On : 18 Apr 2025 17:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2025
 Supervised By : Mahesh Dadoda 04/21/2025

Quant Time: Apr 19 01:52:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	83434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63174	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76654	50.239	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.480%			
35) Dibromofluoromethane	5.379	113	53450	50.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.280%			
50) Toluene-d8	8.647	98	180085	48.399	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.800%			
62) 4-Bromofluorobenzene	11.079	95	71423	52.698	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.400%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	59472	47.663	ug/l	99
3) Chloromethane	1.301	50	60300	47.041	ug/l	99
4) Vinyl Chloride	1.374	62	58344	49.734	ug/l	100
5) Bromomethane	1.593	94	25713	46.227	ug/l	96
6) Chloroethane	1.660	64	26024	41.813	ug/l	96
7) Trichlorofluoromethane	1.868	101	87470	50.002	ug/l	97
8) Diethyl Ether	2.136	74	28659	48.797	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	51929	50.659	ug/l	98
10) Methyl Iodide	2.441	142	66827	52.267	ug/l	96
11) Tert butyl alcohol	2.989	59	50029	243.980	ug/l	98
12) 1,1-Dichloroethene	2.307	96	49694	49.613	ug/l	99
13) Acrolein	2.240	56	67325	238.425	ug/l	99
14) Allyl chloride	2.654	41	93892	49.405	ug/l	100
15) Acrylonitrile	3.063	53	154108	238.085	ug/l	99
16) Acetone	2.386	43	147267	235.051	ug/l	97
17) Carbon Disulfide	2.502	76	108386	43.813	ug/l	99
18) Methyl Acetate	2.703	43	69825	48.405	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	180115	51.405	ug/l	99
20) Methylene Chloride	2.782	84	56811	48.434	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	50015	48.877	ug/l	96
22) Diisopropyl ether	3.764	45	190254	50.821	ug/l	98
23) Vinyl Acetate	3.721	43	850600	262.979	ug/l	100
24) 1,1-Dichloroethane	3.605	63	104003	49.124	ug/l	99
25) 2-Butanone	4.556	43	221080	241.060	ug/l	100
26) 2,2-Dichloropropane	4.471	77	61374	44.868	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	61058	48.976	ug/l	99
28) Bromochloromethane	4.898	49	49372	48.257	ug/l	99
29) Tetrahydrofuran	5.001	42	141625	238.187	ug/l	99
30) Chloroform	5.093	83	110176	50.574	ug/l	93
31) Cyclohexane	5.458	56	93956	50.199	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	93897	50.938	ug/l	98
36) 1,1-Dichloropropene	5.684	75	71524	49.692	ug/l	99
37) Ethyl Acetate	4.715	43	84284	46.466	ug/l	99
38) Carbon Tetrachloride	5.672	117	77687	49.941	ug/l	98
39) Methylcyclohexane	7.373	83	90397	51.235	ug/l	98
40) Benzene	6.032	78	214076	48.699	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	48673	50.857	ug/l	99
42) 1,2-Dichloroethane	6.080	62	91953	50.645	ug/l	100
43) Isopropyl Acetate	6.336	43	138892	50.521	ug/l	100
44) Trichloroethene	7.123	130	50072	47.923	ug/l	96
45) 1,2-Dichloropropane	7.428	63	54578	49.760	ug/l	98
46) Dibromomethane	7.574	93	42814	50.850	ug/l	100
47) Bromodichloromethane	7.818	83	82533	49.084	ug/l	99
48) Methyl methacrylate	7.690	41	73113	51.508	ug/l	99
49) 1,4-Dioxane	7.665	88	25492	992.620	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	450991	247.461	ug/l	99
52) Toluene	8.714	92	133294	50.111	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	73536	45.685	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	81137	51.349	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	52593	49.618	ug/l	97
56) Ethyl methacrylate	9.116	69	87896	53.581	ug/l	99
57) 1,3-Dichloropropane	9.305	76	92079	49.886	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	221616	267.059	ug/l	99
59) 2-Hexanone	9.427	43	337083	249.767	ug/l	100
60) Dibromochloromethane	9.519	129	58620	50.729	ug/l	98
61) 1,2-Dibromoethane	9.604	107	54675	50.955	ug/l	100
64) Tetrachloroethene	9.269	164	44754	47.853	ug/l	98
65) Chlorobenzene	10.073	112	143336	50.639	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	48681	49.537	ug/l	99
67) Ethyl Benzene	10.189	91	262159	51.712	ug/l	100
68) m/p-Xylenes	10.299	106	191166	103.678	ug/l	99
69) o-Xylene	10.640	106	95074	52.343	ug/l	99
70) Styrene	10.653	104	158249	52.787	ug/l	98
71) Bromoform	10.799	173	36423	49.639	ug/l #	97
73) Isopropylbenzene	10.957	105	250341	49.472	ug/l	100
74) N-amyl acetate	10.842	43	126546	52.279	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	82586	46.459	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	70692m	45.875	ug/l	
77) Bromobenzene	11.195	156	56529	48.348	ug/l	99
78) n-propylbenzene	11.299	91	289837	49.726	ug/l	100
79) 2-Chlorotoluene	11.360	91	181948	48.829	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	210293	50.256	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20088	44.243	ug/l	94
82) 4-Chlorotoluene	11.451	91	207084	49.845	ug/l	99
83) tert-Butylbenzene	11.713	119	208940	50.435	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	214370	51.042	ug/l	100
85) sec-Butylbenzene	11.890	105	261011	51.297	ug/l	99
86) p-Isopropyltoluene	12.006	119	215465	51.363	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	104725	49.206	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	103266	47.860	ug/l	98
89) n-Butylbenzene	12.329	91	189647	52.134	ug/l	100
90) Hexachloroethane	12.536	117	36269	50.308	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	104667	49.465	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18872	50.763	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	61852	52.514	ug/l	98
94) Hexachlorobutadiene	13.725	225	24021	47.328	ug/l	97
95) Naphthalene	13.774	128	228613	52.158	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	63296	51.321	ug/l	99

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QLast Update : Wed Apr 02 03:11:43 2025
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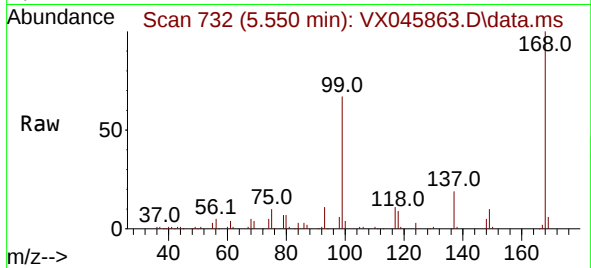
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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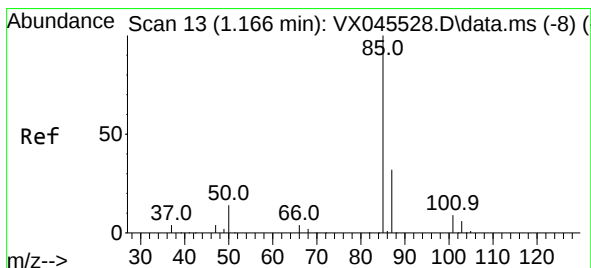
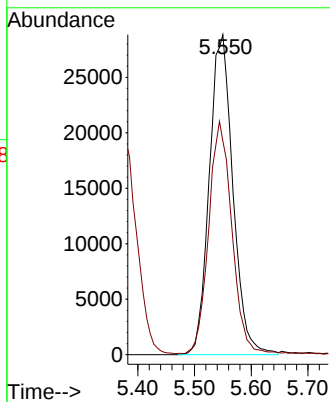
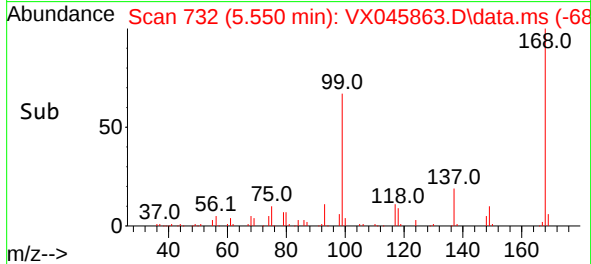
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 83434
Ion Ratio Lower Upper
168 100
99 66.4 52.3 78.5

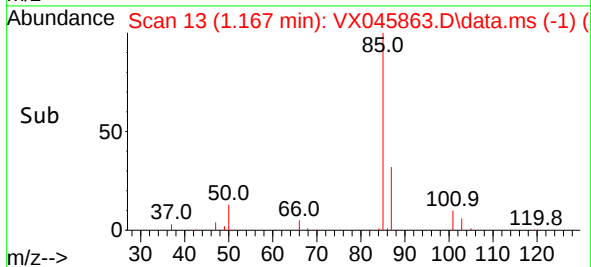
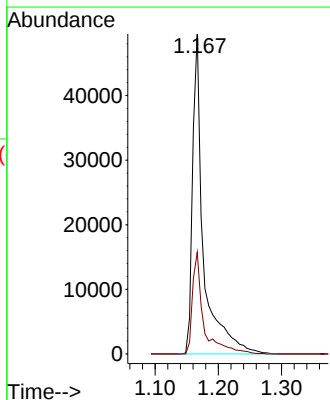
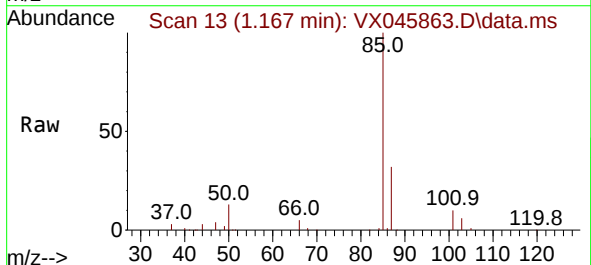
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#2
Dichlorodifluoromethane
Concen: 47.663 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Tgt Ion: 85 Resp: 59472
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.2





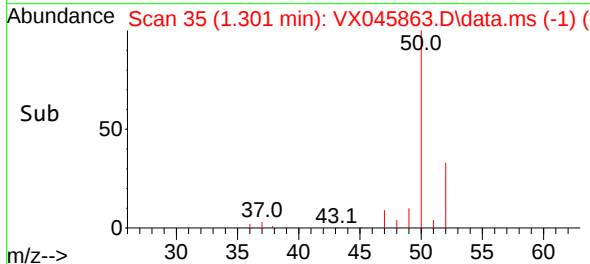
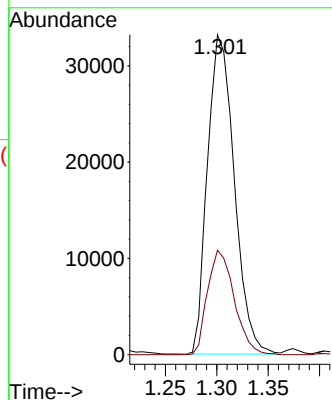
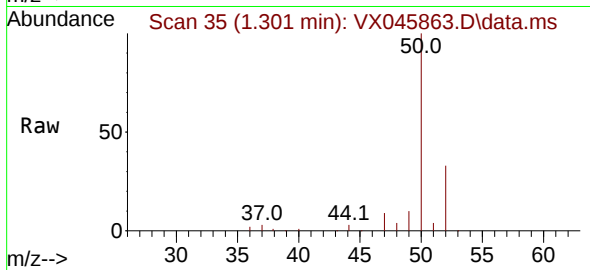
#3
Chloromethane
Concen: 47.041 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 60300
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9

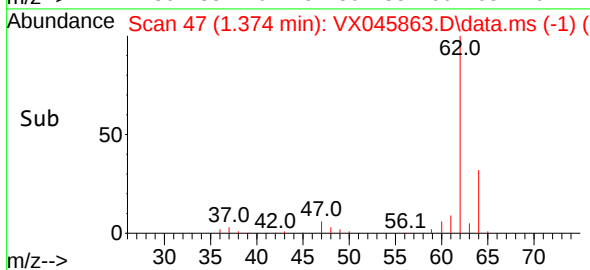
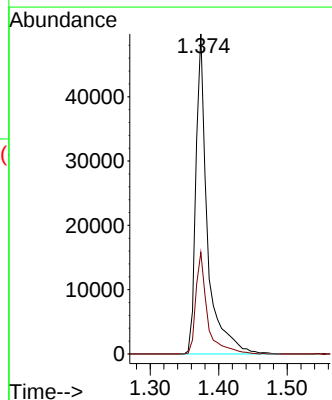
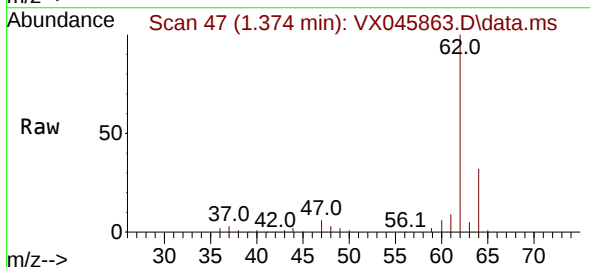
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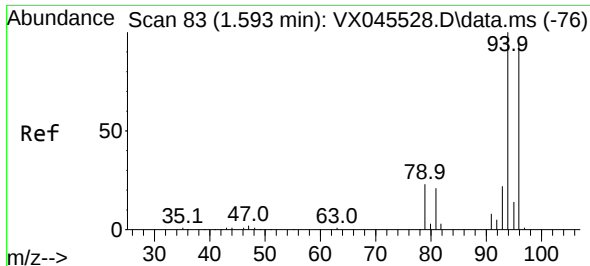
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#4
Vinyl Chloride
Concen: 49.734 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

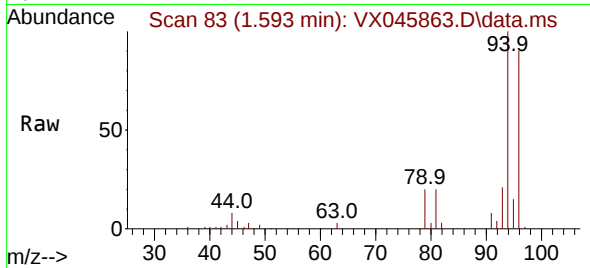
Tgt Ion: 62 Resp: 58344
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3





#5
Bromomethane
Concen: 46.227 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

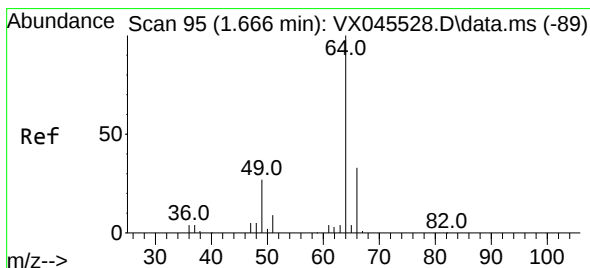
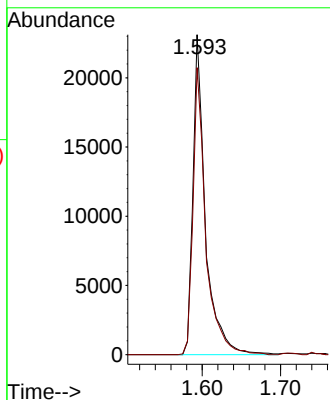
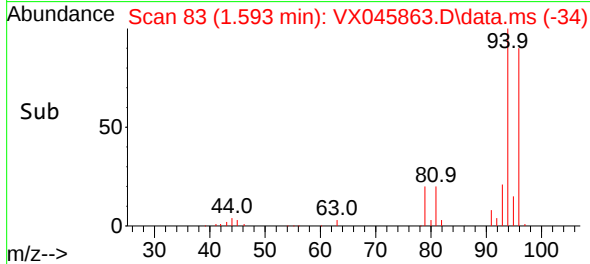
Instrument :
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VSTDCCC050EC



Tgt Ion: 94 Resp: 2571
Ion Ratio Lower Upper
94 100
96 89.7 74.8 112.2

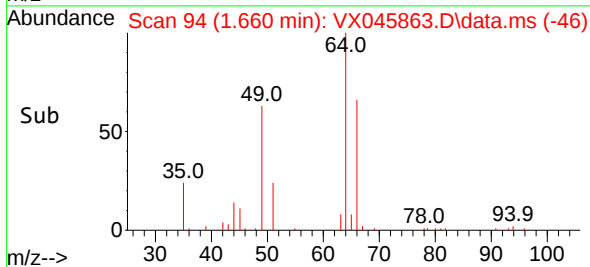
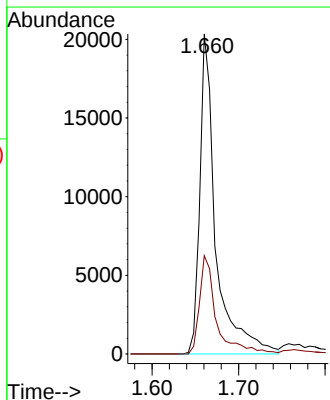
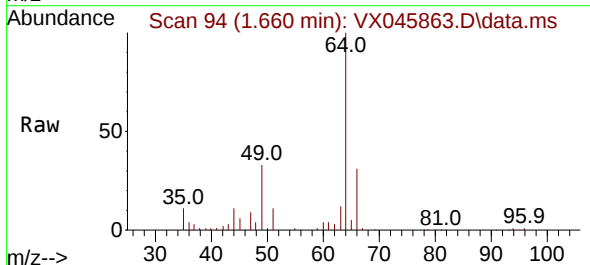
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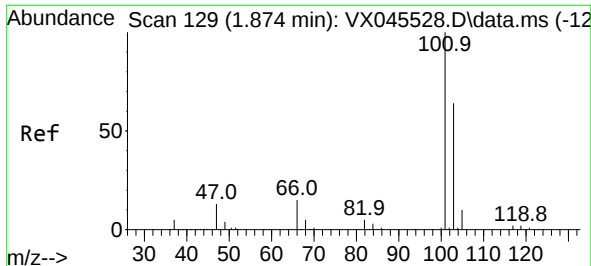
Reviewed By :John Carlone 04/21/2025
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#6
Chloroethane
Concen: 41.813 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

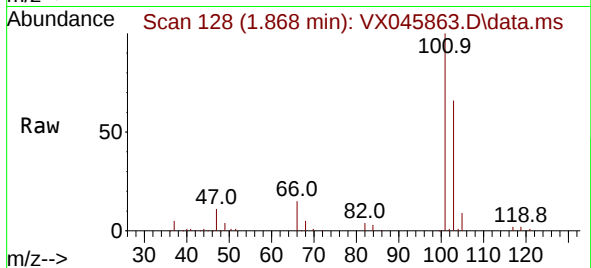
Tgt Ion: 64 Resp: 26024
Ion Ratio Lower Upper
64 100
66 30.7 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 50.002 ug/l
 RT: 1.868 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX045863.D
 Acq: 18 Apr 2025 17:14

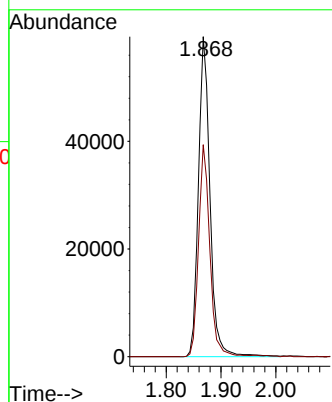
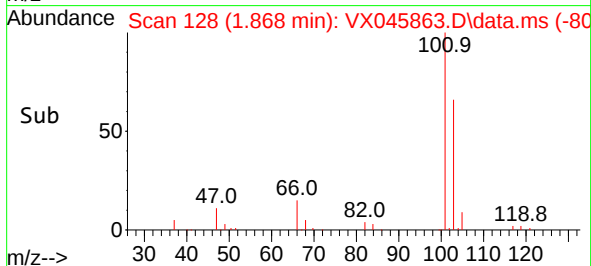
Instrument :
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Tgt Ion:101 Resp: 87470
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.1 76.7

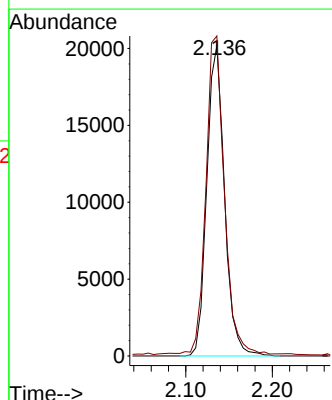
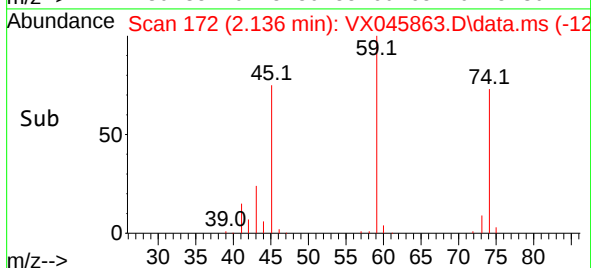
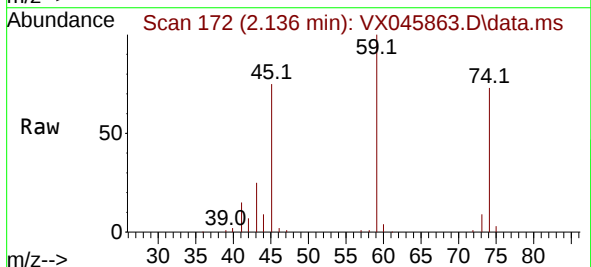
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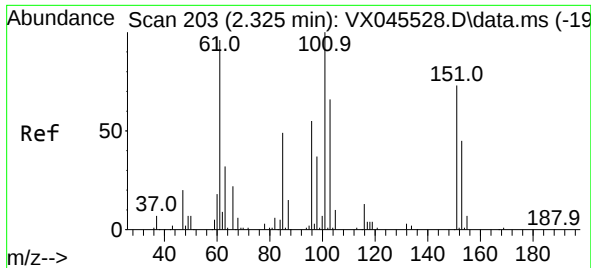
Reviewed By :John Carlone 04/21/2025
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#8
 Diethyl Ether
 Concen: 48.797 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX045863.D
 Acq: 18 Apr 2025 17:14

Tgt Ion: 74 Resp: 28659
 Ion Ratio Lower Upper
 74 100
 45 106.2 53.0 159.1





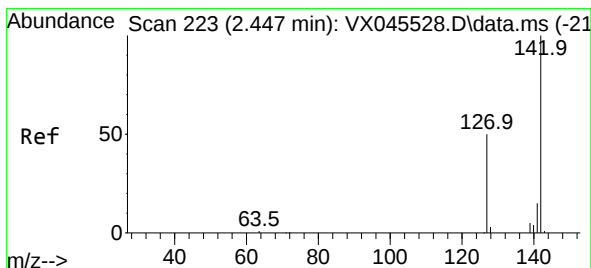
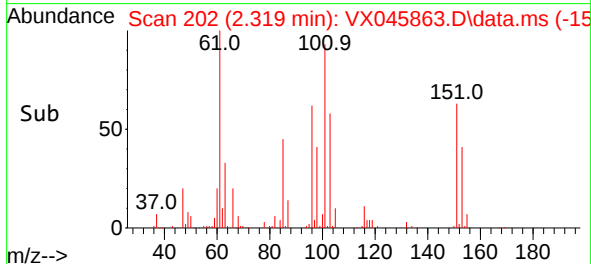
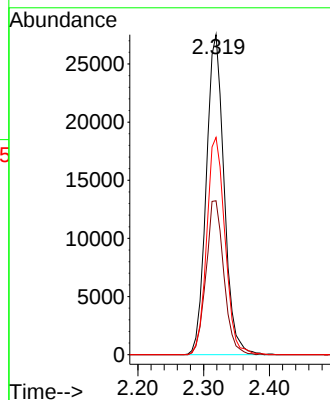
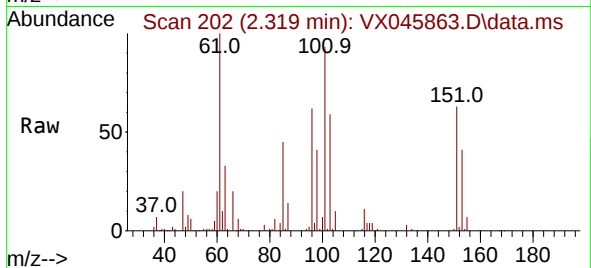
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.659 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX045863.D
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Instrument :
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Tgt Ion:101 Resp: 51929
Ion Ratio Lower Upper
101 100
85 48.1 38.9 58.3
151 69.5 57.5 86.3

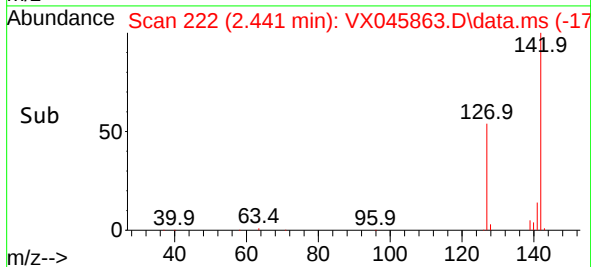
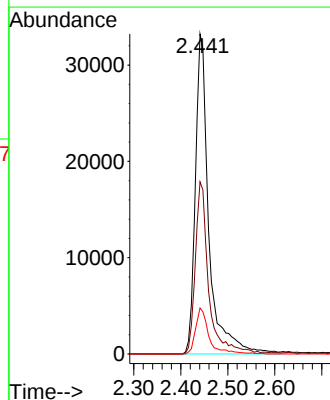
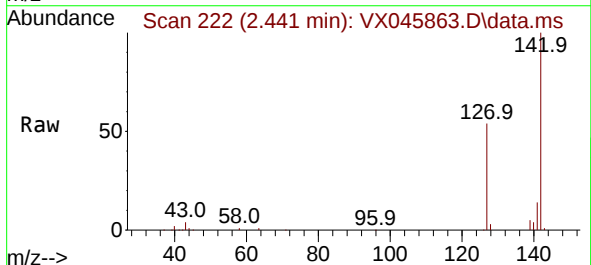
Manual Integrations
APPROVED

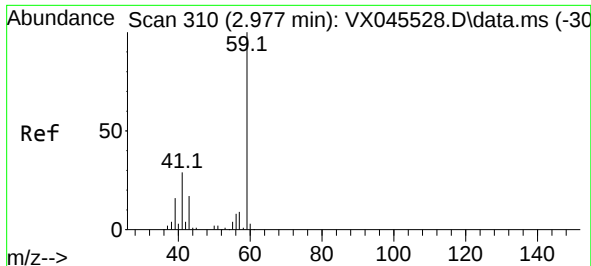
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#10
Methyl Iodide
Concen: 52.267 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Tgt Ion:142 Resp: 66827
Ion Ratio Lower Upper
142 100
127 53.5 40.2 60.4
141 14.2 11.7 17.5





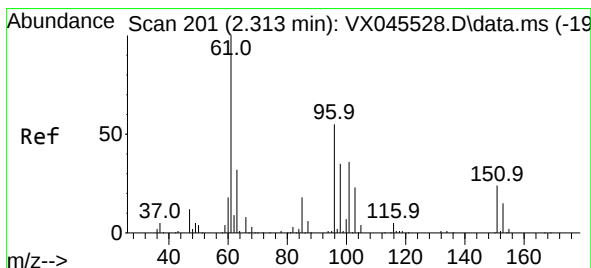
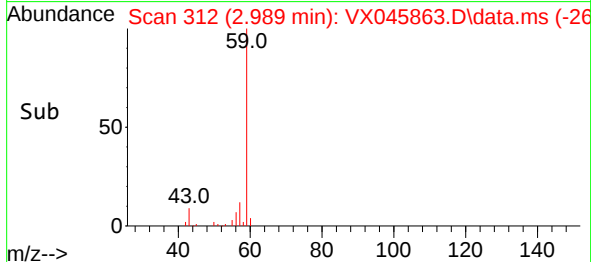
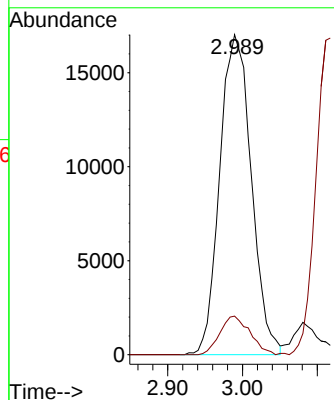
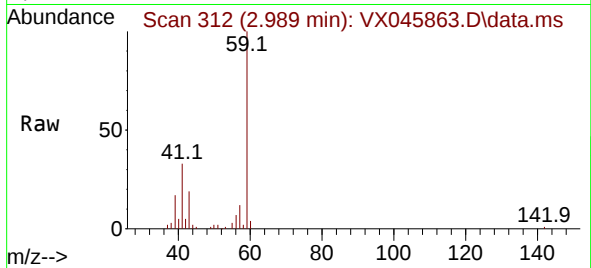
#11
Tert butyl alcohol
Concen: 243.980 ug/l
RT: 2.989 min Scan# 310
Delta R.T. 0.012 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 50029
Ion Ratio Lower Upper
59 100
57 11.5 8.6 12.8

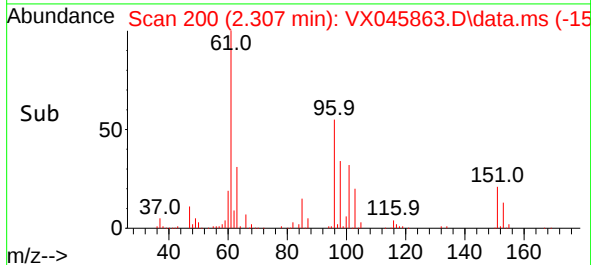
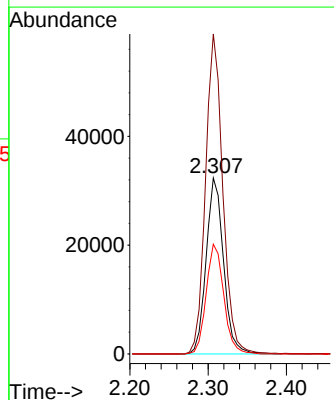
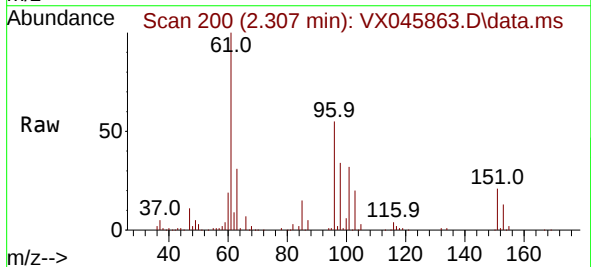
Manual Integrations
APPROVED

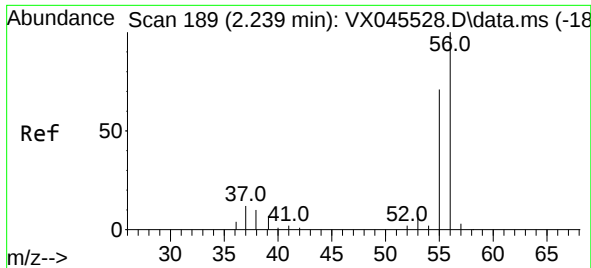
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#12
1,1-Dichloroethene
Concen: 49.613 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

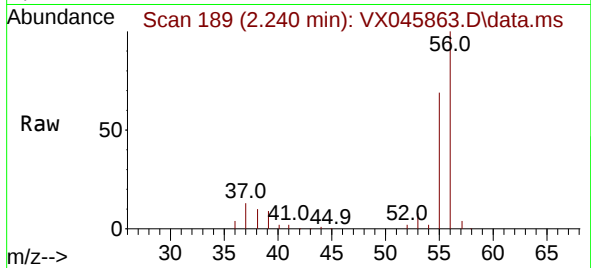
Tgt Ion: 96 Resp: 49694
Ion Ratio Lower Upper
96 100
61 181.8 145.7 218.5
98 62.4 51.6 77.4





#13
Acrolein
Concen: 238.425 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

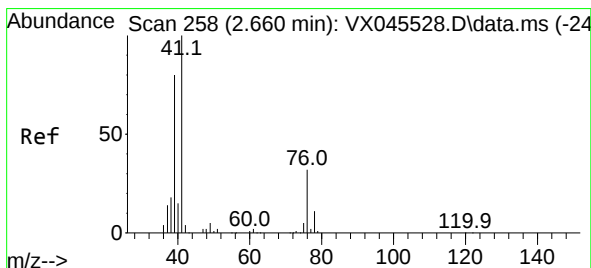
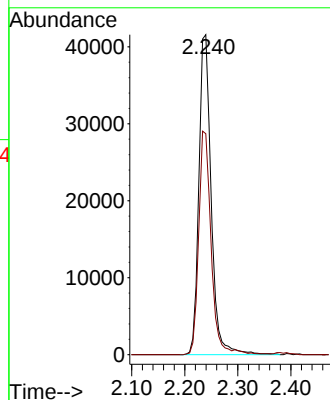
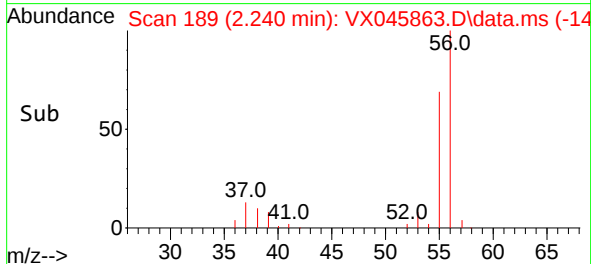
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 6732
Ion Ratio Lower Upper
56 100
55 70.7 56.2 84.2

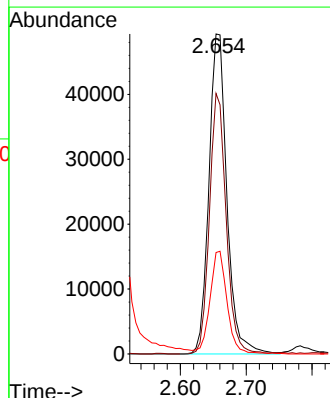
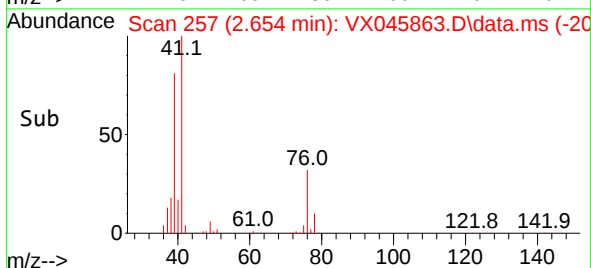
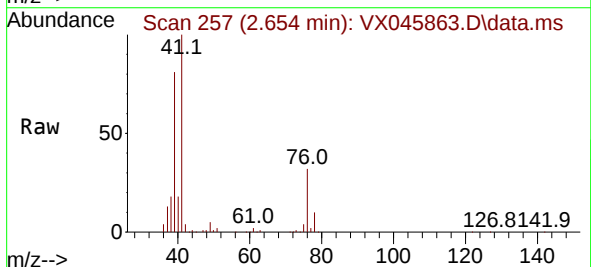
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#14
Allyl chloride
Concen: 49.405 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

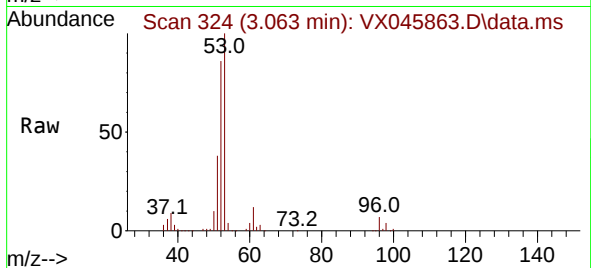
Tgt Ion: 41 Resp: 93892
Ion Ratio Lower Upper
41 100
39 75.7 60.2 90.2
76 30.7 24.6 36.8





#15
Acrylonitrile
Concen: 238.085 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

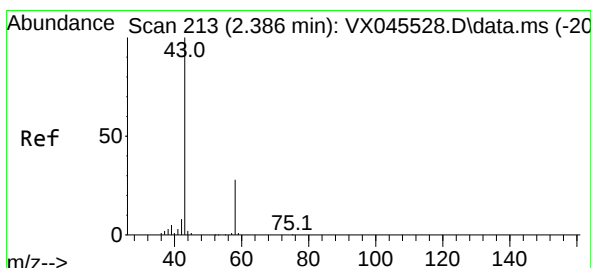
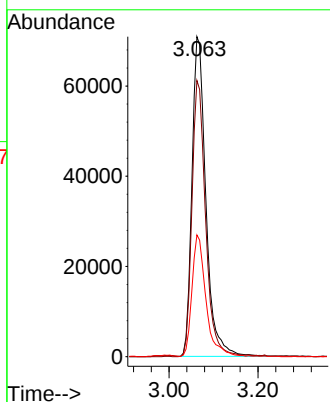
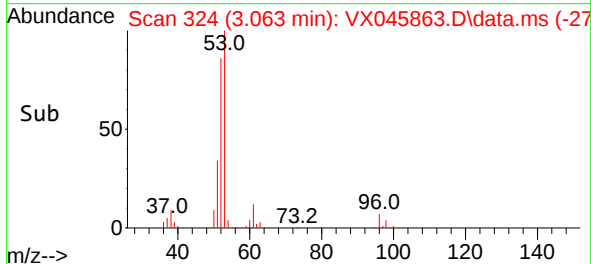
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 154108
Ion Ratio Lower Upper
53 100
52 84.8 67.4 101.2
51 38.1 29.9 44.9

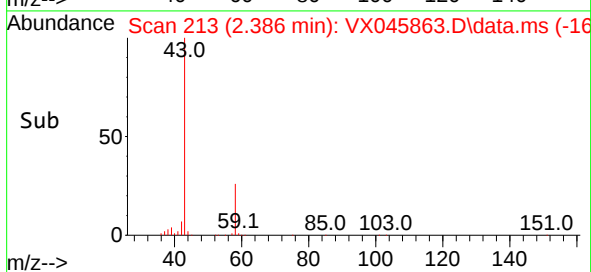
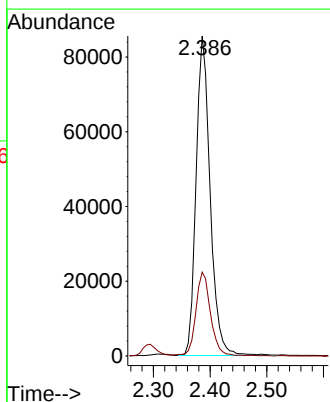
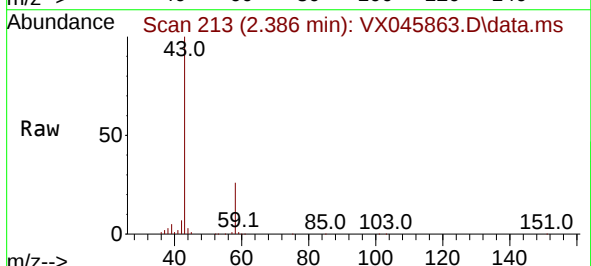
Manual Integrations
APPROVED

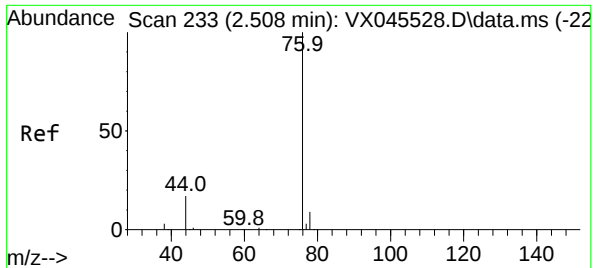
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#16
Acetone
Concen: 235.051 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Tgt Ion: 43 Resp: 147267
Ion Ratio Lower Upper
43 100
58 26.2 22.3 33.5





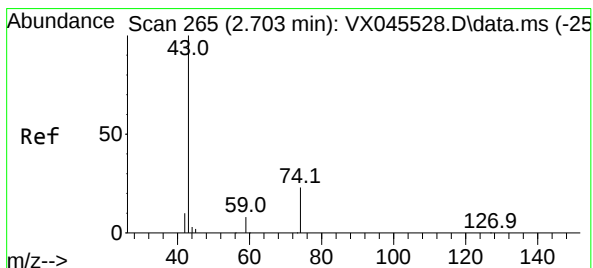
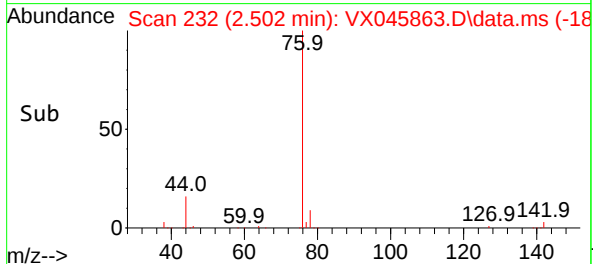
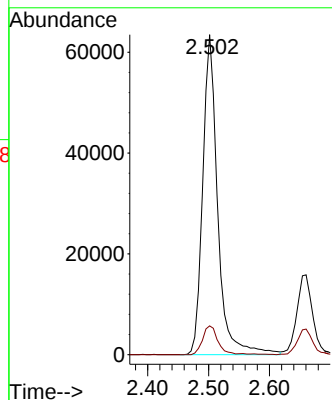
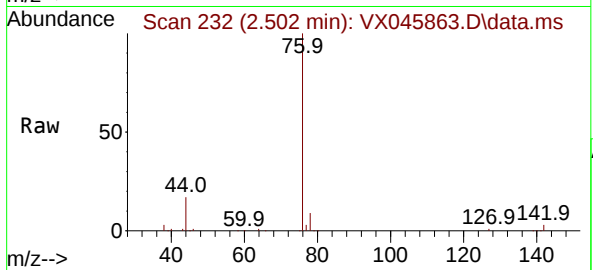
#17
Carbon Disulfide
Concen: 43.813 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 108380
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6

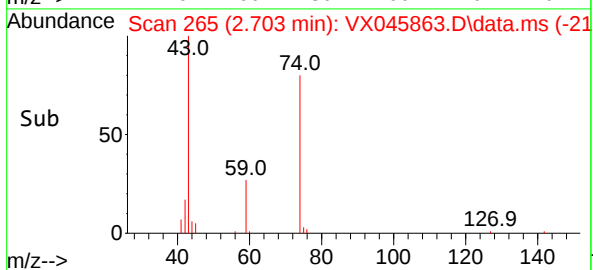
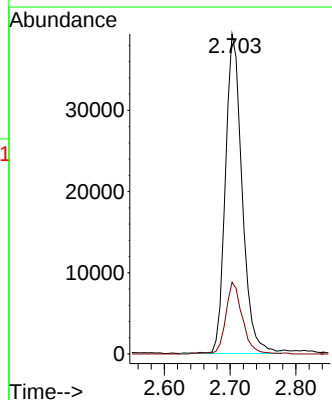
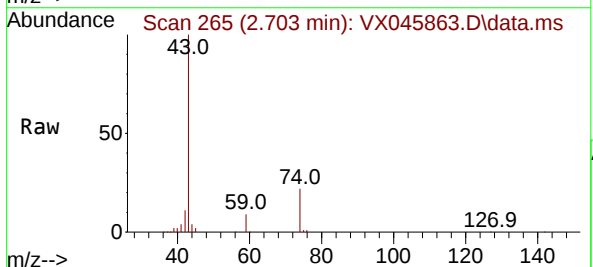
Manual Integrations
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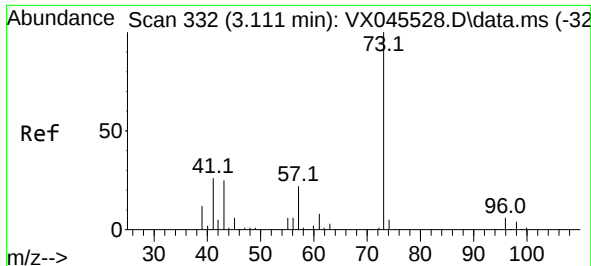
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#18
Methyl Acetate
Concen: 48.405 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Tgt Ion: 43 Resp: 69825
Ion Ratio Lower Upper
43 100
74 22.3 17.5 26.3





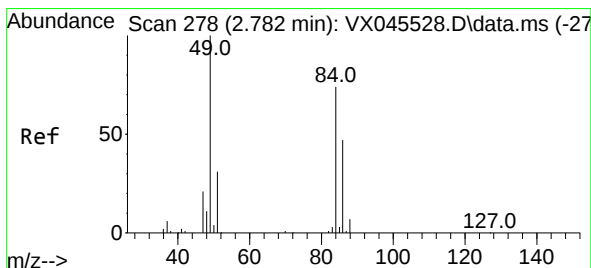
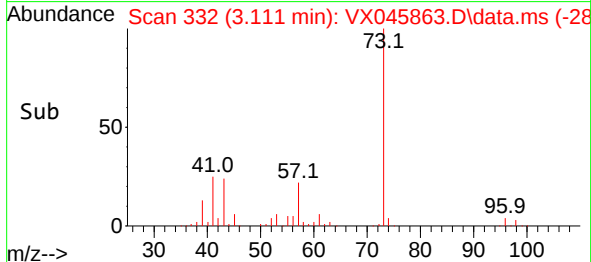
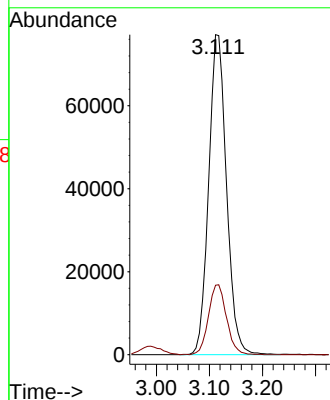
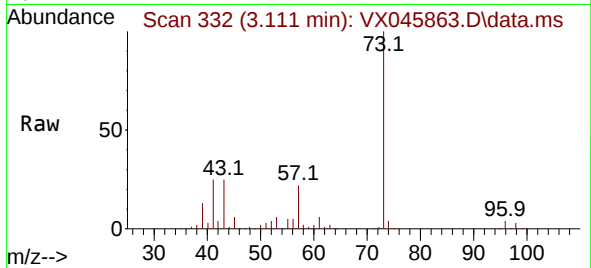
#19
Methyl tert-butyl Ether
Concen: 51.405 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 18011
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4

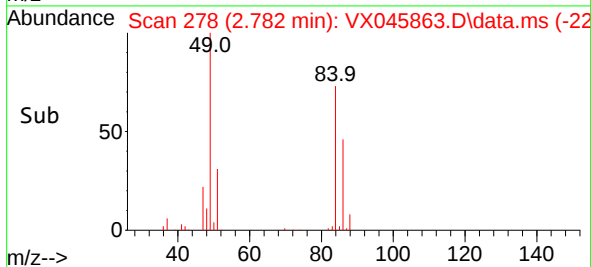
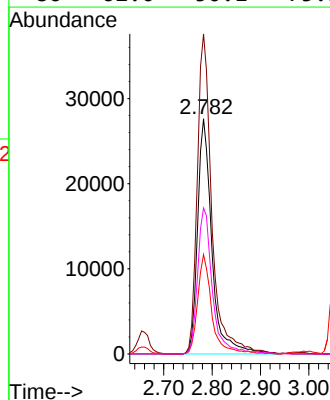
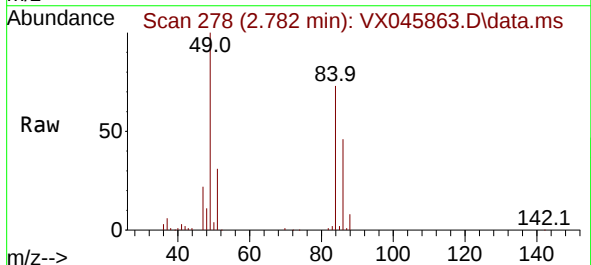
Manual Integrations
APPROVED

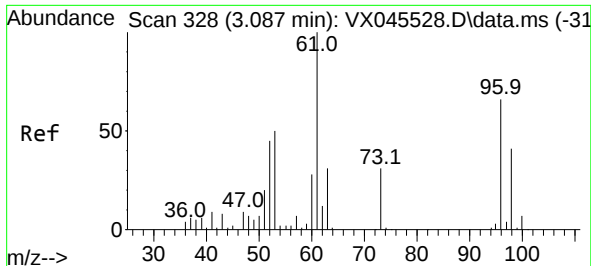
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#20
Methylene Chloride
Concen: 48.434 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

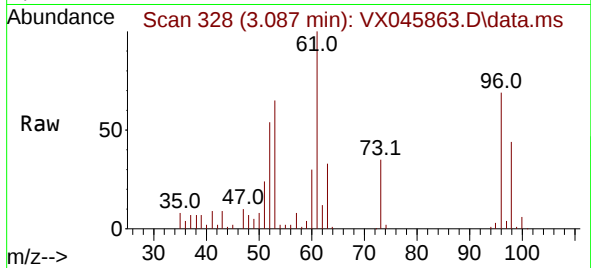
Tgt Ion: 84 Resp: 56811
Ion Ratio Lower Upper
84 100
49 136.1 107.5 161.3
51 42.2 33.0 49.6
86 62.0 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 48.877 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

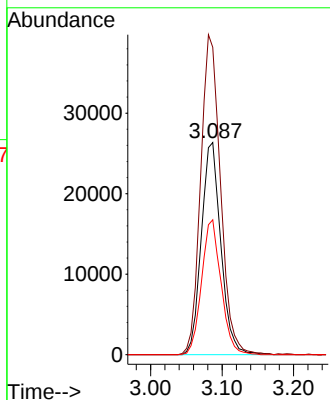
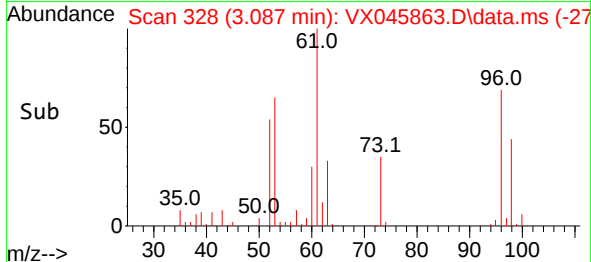
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 5001
Ion Ratio Lower Upper
96 100
61 144.9 121.0 181.6
98 63.6 49.7 74.5

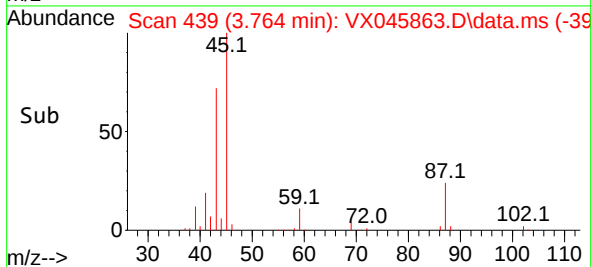
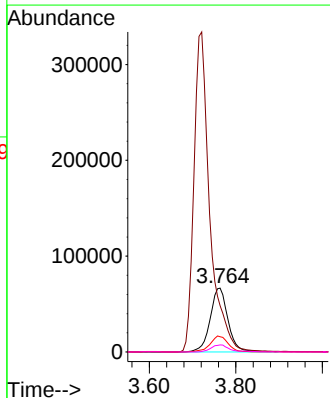
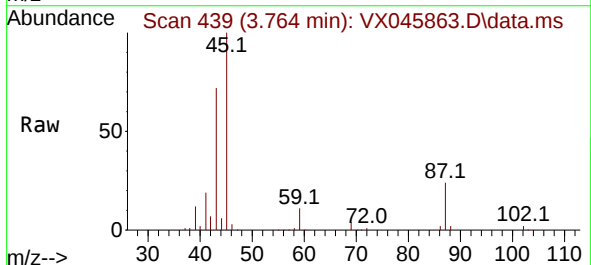
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#22
Diisopropyl ether
Concen: 50.821 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Tgt Ion: 45 Resp: 190254
Ion Ratio Lower Upper
45 100
43 72.2 59.3 88.9
87 23.9 20.4 30.6
59 11.0 9.0 13.6





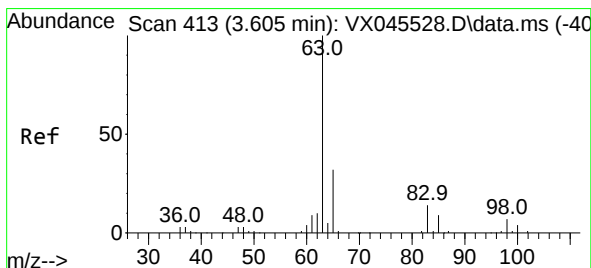
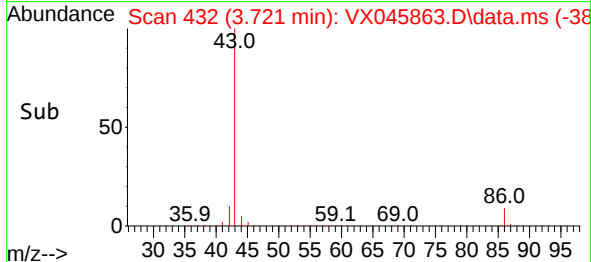
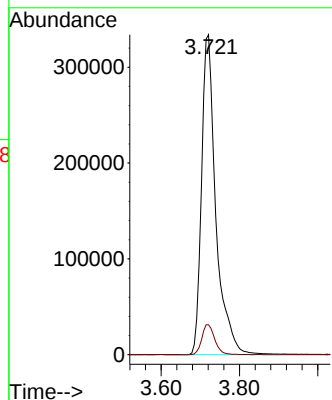
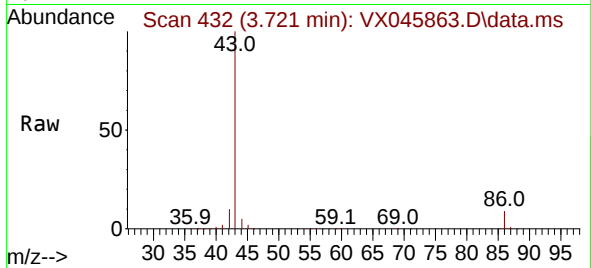
#23
 Vinyl Acetate
 Concen: 262.979 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045863.D
 Acq: 18 Apr 2025 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 850600
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.5 11.3

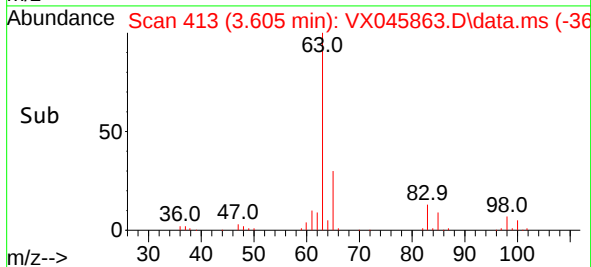
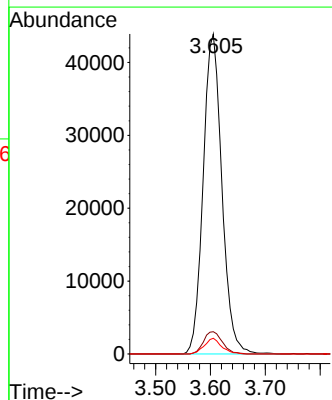
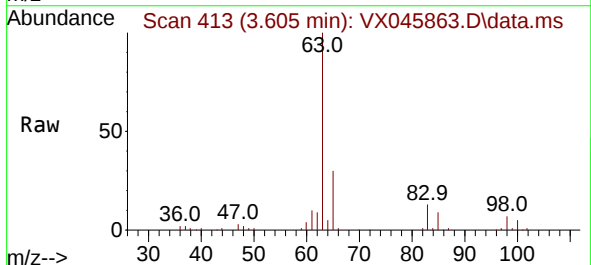
Manual Integrations
 APPROVED

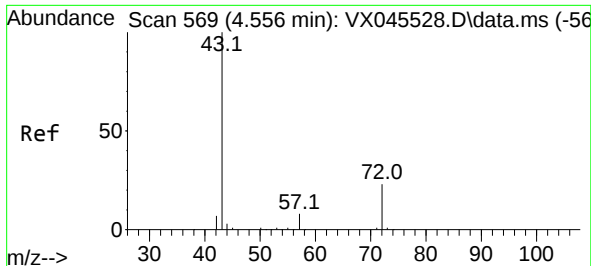
Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#24
 1,1-Dichloroethane
 Concen: 49.124 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX045863.D
 Acq: 18 Apr 2025 17:14

Tgt Ion: 63 Resp: 104003
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.4 10.1
 100 4.9 2.2 6.6





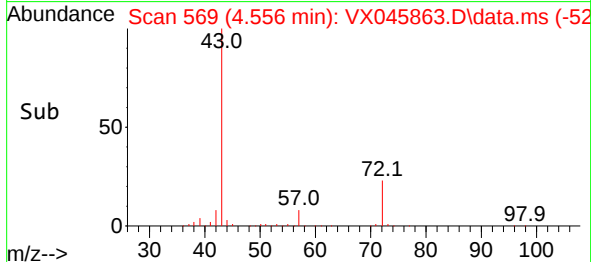
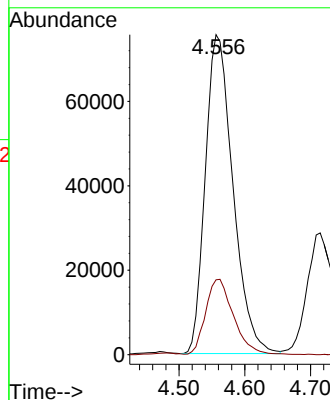
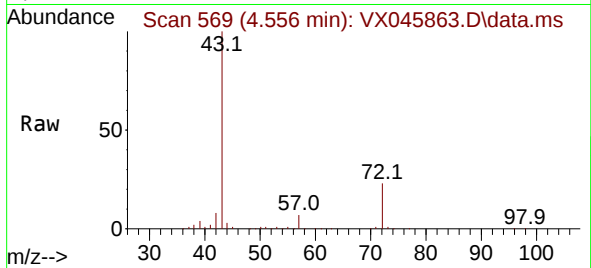
#25
2-Butanone
Concen: 241.060 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 221080
Ion Ratio Lower Upper
43 100
72 23.2 18.6 28.0

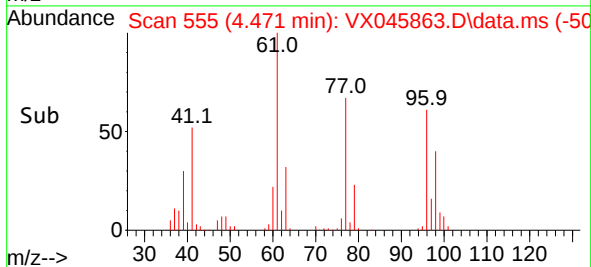
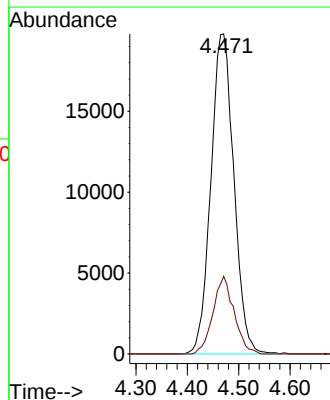
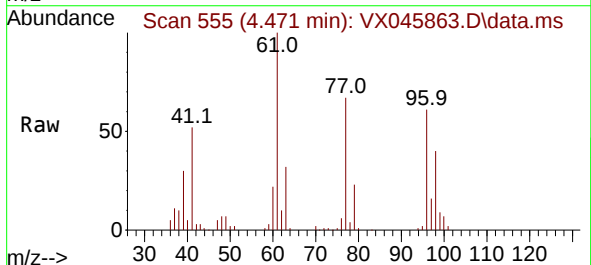
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#26
2,2-Dichloropropane
Concen: 44.868 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

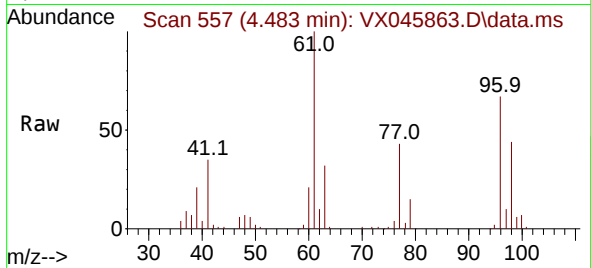
Tgt Ion: 77 Resp: 61374
Ion Ratio Lower Upper
77 100
97 22.3 10.6 31.8





#27
cis-1,2-Dichloroethene
Concen: 48.976 ug/l
RT: 4.483 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

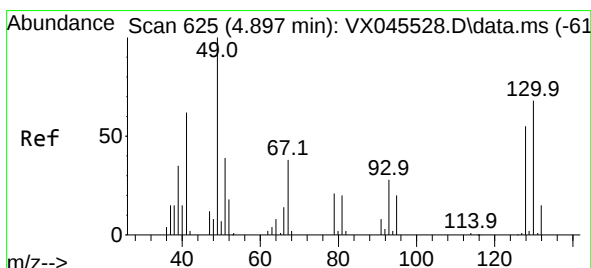
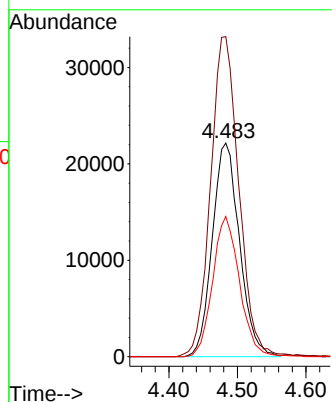
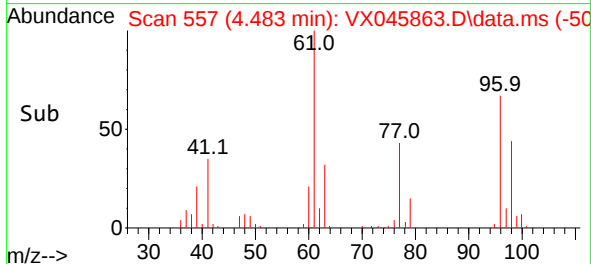
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



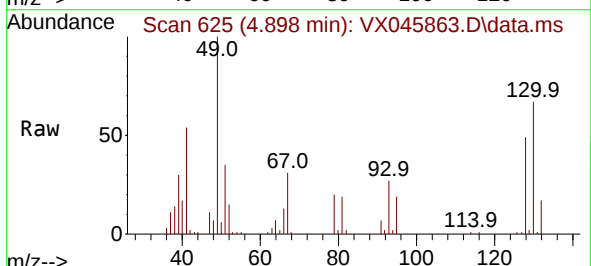
Tgt Ion: 96 Resp: 61058
Ion Ratio Lower Upper
96 100
61 155.9 0.0 313.2
98 64.7 0.0 126.4

Manual Integrations
APPROVED

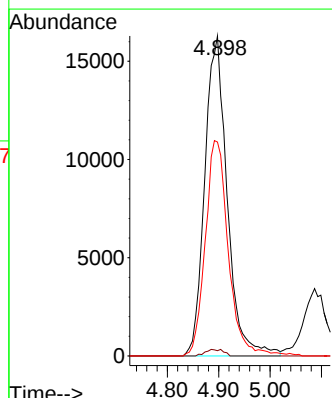
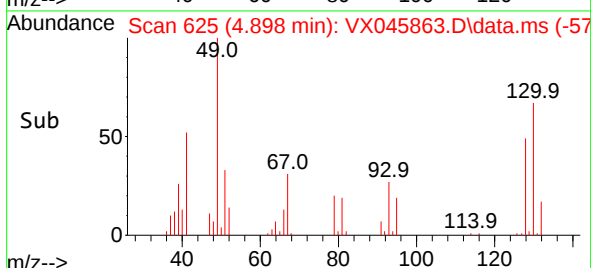
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

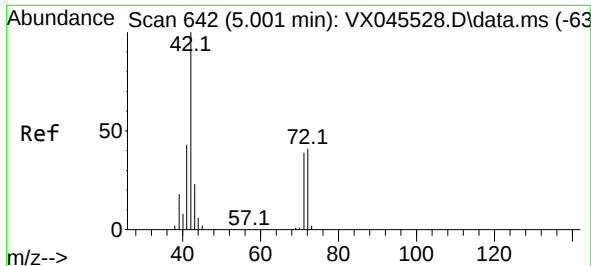


#28
Bromochloromethane
Concen: 48.257 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14



Tgt Ion: 49 Resp: 49372
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.8
130 69.4 54.6 81.8





#29

Tetrahydrofuran

Concen: 238.187 ug/l

RT: 5.001 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX045863.D

Acq: 18 Apr 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

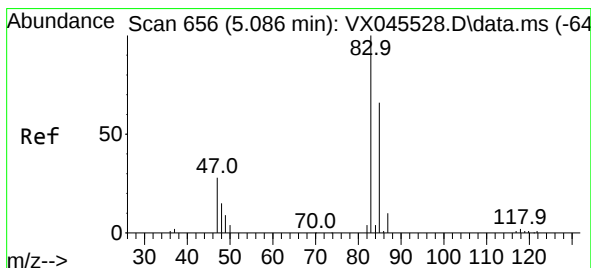
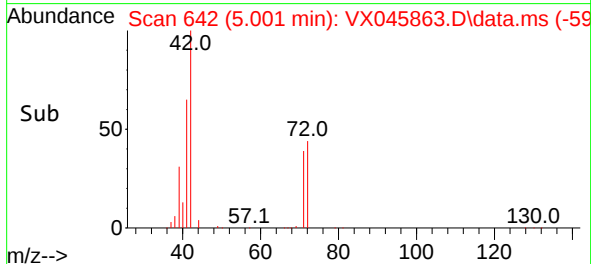
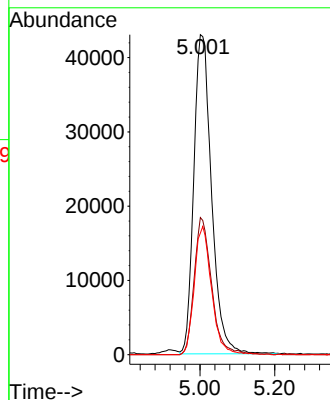
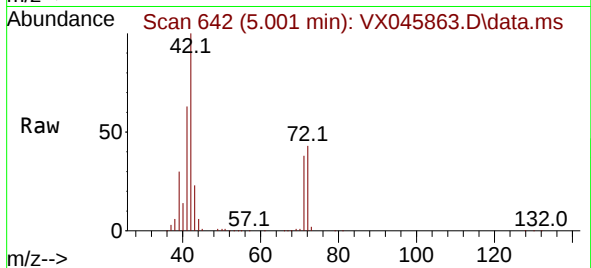
Tgt Ion: 42 Resp: 141629
 Ion Ratio Lower Upper
 42 100
 72 42.3 33.4 50.0
 71 39.1 31.4 47.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#30

Chloroform

Concen: 50.574 ug/l

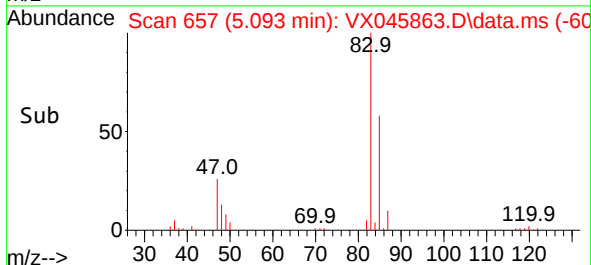
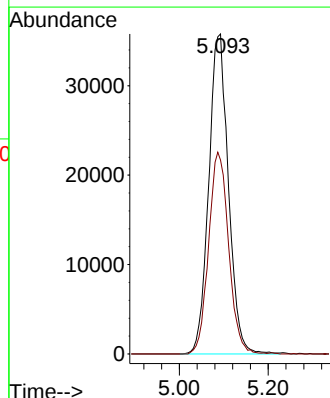
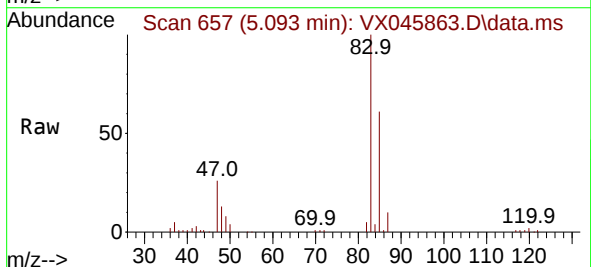
RT: 5.093 min Scan# 657

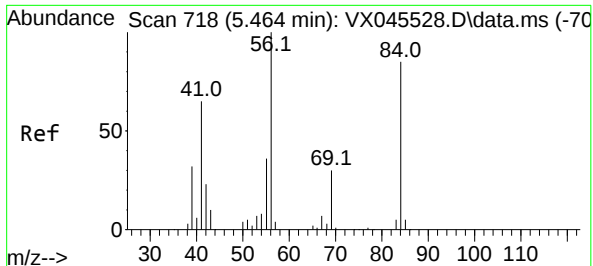
Delta R.T. 0.006 min

Lab File: VX045863.D

Acq: 18 Apr 2025 17:14

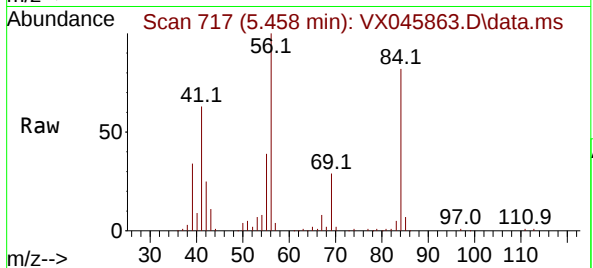
Tgt Ion: 83 Resp: 110176
 Ion Ratio Lower Upper
 83 100
 85 60.6 52.8 79.2





#31
Cyclohexane
Concen: 50.199 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

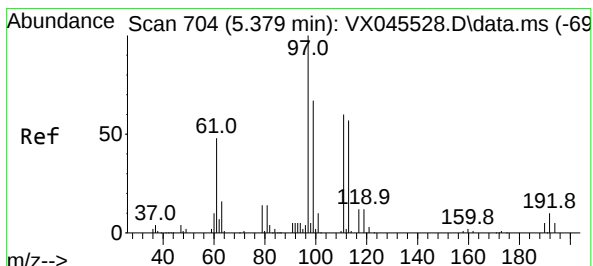
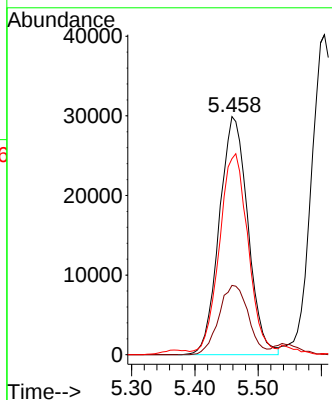
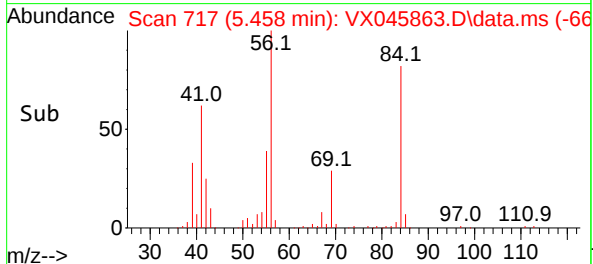
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 93950
Ion Ratio Lower Upper
56 100
69 29.1 23.6 35.4
84 80.5 67.7 101.5

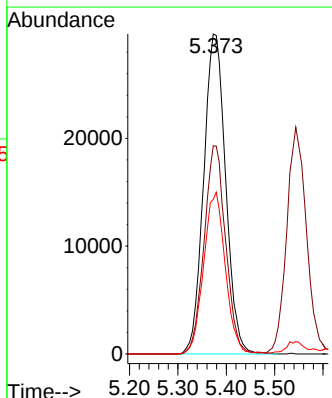
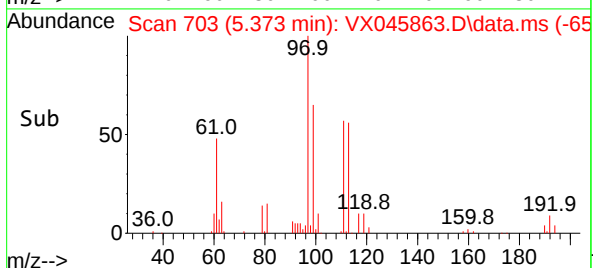
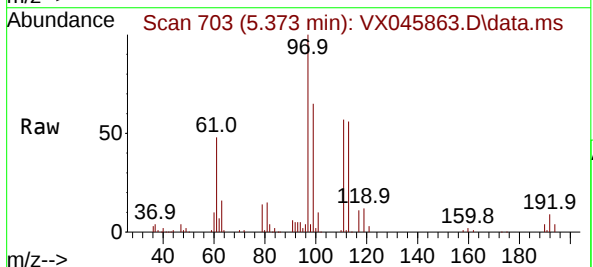
Manual Integrations
APPROVED

Reviewed By :John Carbone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#32
1,1,1-Trichloroethane
Concen: 50.938 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Tgt Ion: 97 Resp: 93897
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 49.8 41.0 61.4





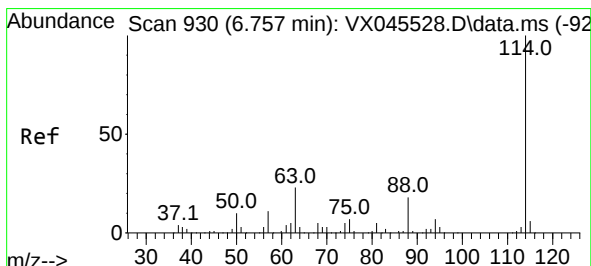
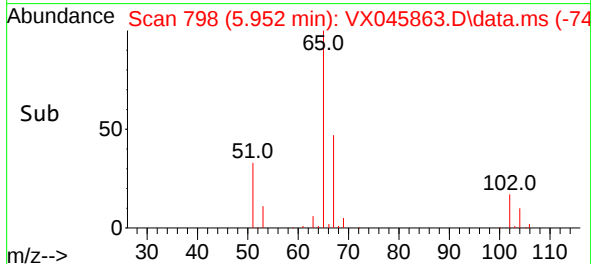
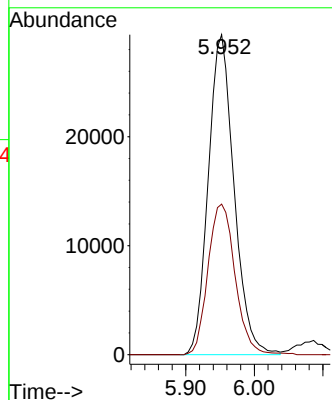
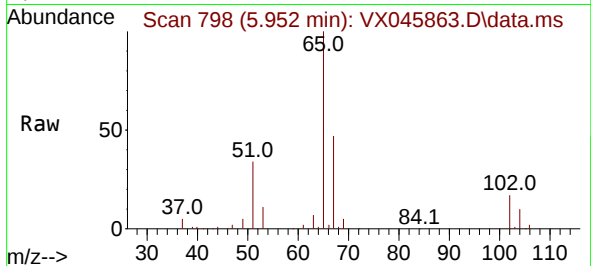
#33
1,2-Dichloroethane-d4
Concen: 50.239 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 76654
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

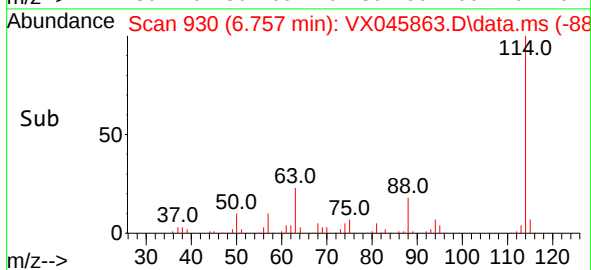
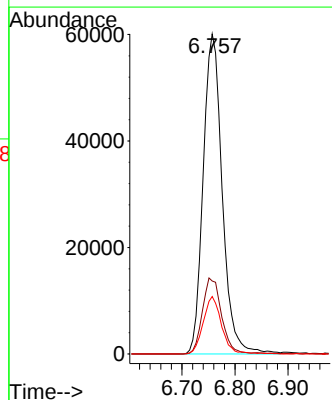
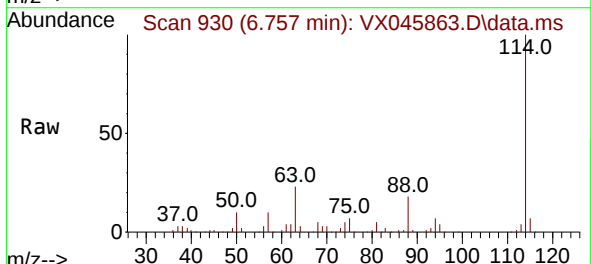
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Tgt Ion:114 Resp: 150250
Ion Ratio Lower Upper
114 100
63 22.8 0.0 46.8
88 17.9 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.140 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045863.D

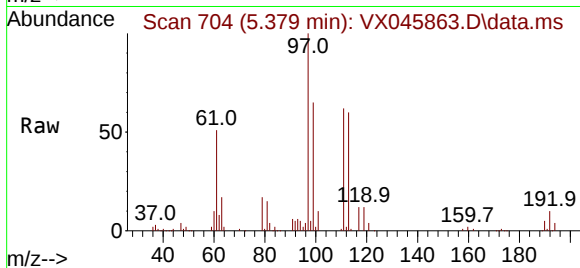
Acq: 18 Apr 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



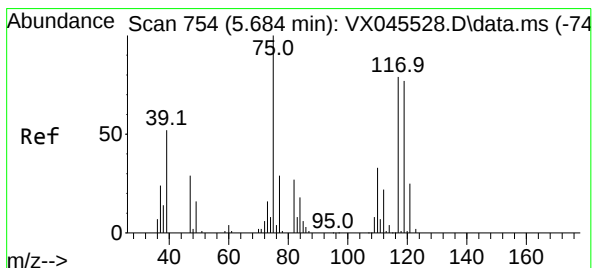
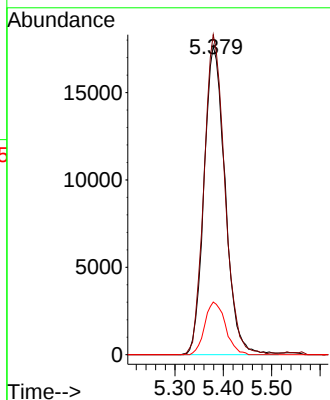
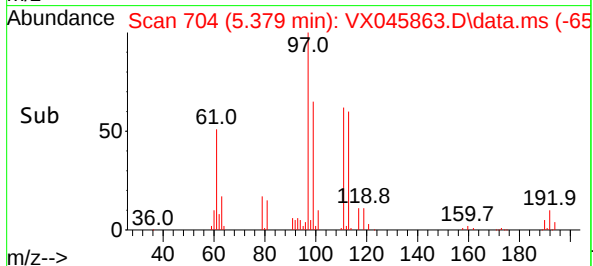
Tgt Ion:	113	Resp:	53450
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.8	122.6
192	16.7	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#36

1,1-Dichloropropene

Concen: 49.692 ug/l

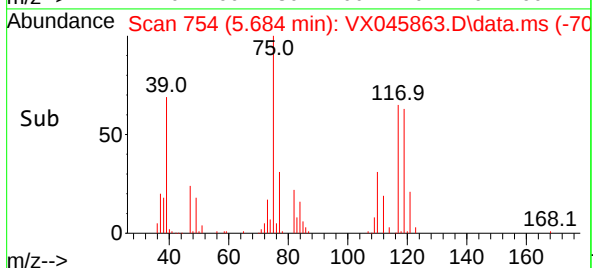
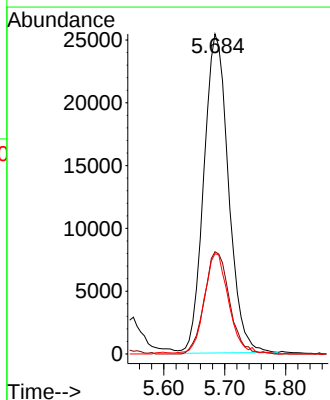
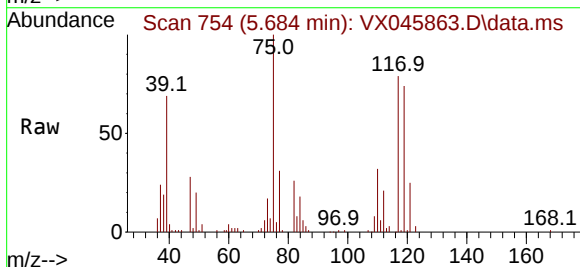
RT: 5.684 min Scan# 754

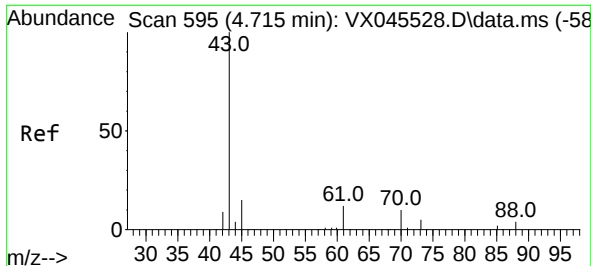
Delta R.T. 0.000 min

Lab File: VX045863.D

Acq: 18 Apr 2025 17:14

Tgt Ion:	75	Resp:	71524
Ion Ratio	Lower	Upper	
75	100		
110	32.6	16.9	50.6
77	31.1	25.0	37.4





#37

Ethyl Acetate

Concen: 46.466 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX045863.D

Acq: 18 Apr 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 84284

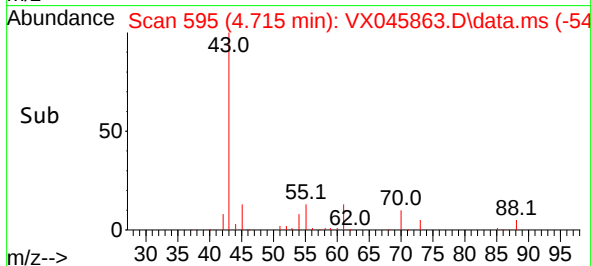
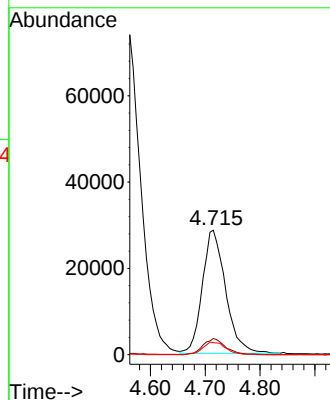
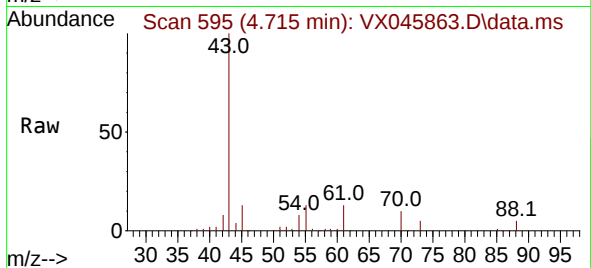
Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.9	14.9
70	10.1	7.5	11.3

Manual Integrations

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Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#38

Carbon Tetrachloride

Concen: 49.941 ug/l

RT: 5.672 min Scan# 752

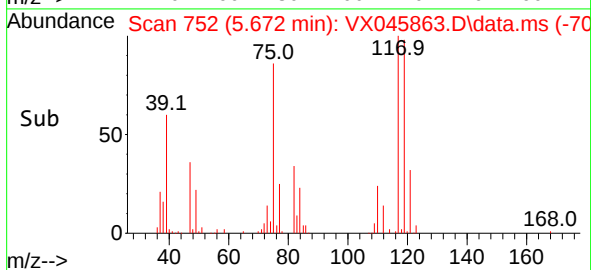
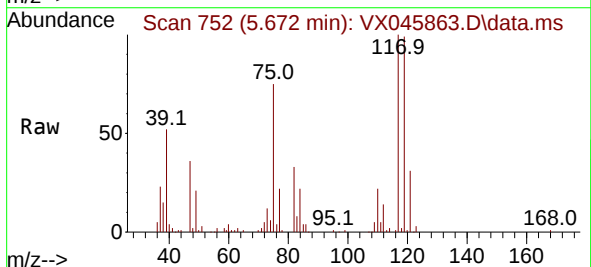
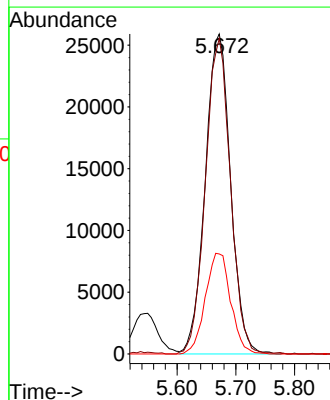
Delta R.T. 0.000 min

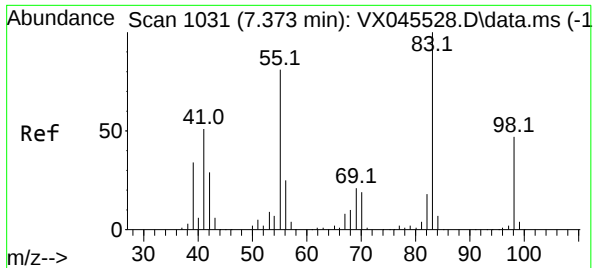
Lab File: VX045863.D

Acq: 18 Apr 2025 17:14

Tgt Ion:117 Resp: 77687

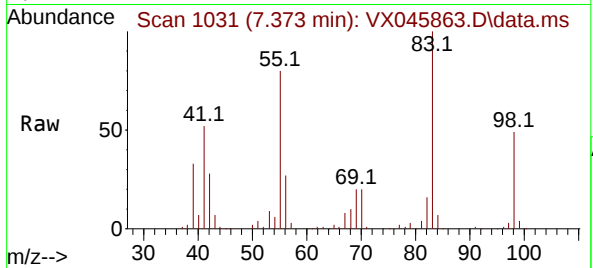
Ion	Ratio	Lower	Upper
117	100		
119	98.2	76.9	115.3
121	31.3	24.2	36.2





#39
Methylcyclohexane
Concen: 51.235 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

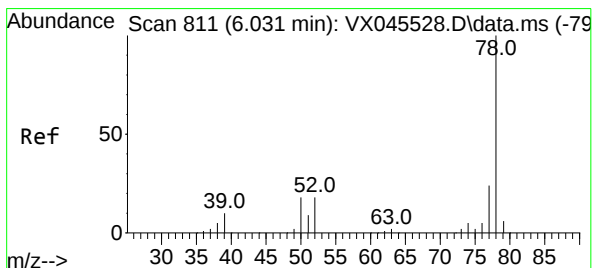
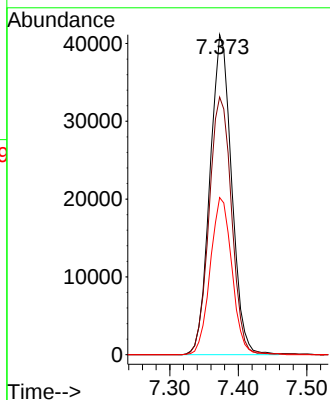
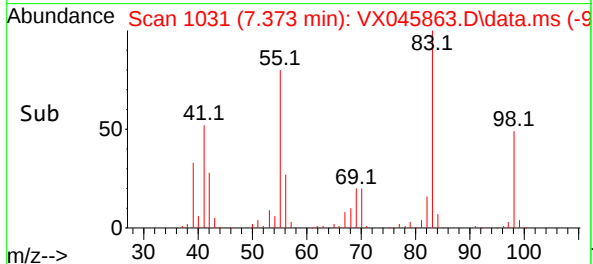
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



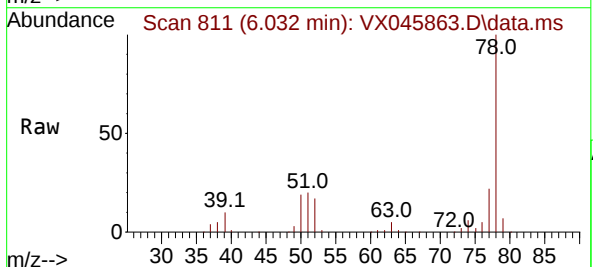
Tgt Ion: 83 Resp: 9039
Ion Ratio Lower Upper
83 100
55 80.5 64.9 97.3
98 49.1 37.4 56.0

Manual Integrations
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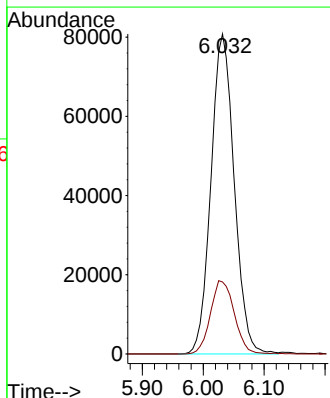
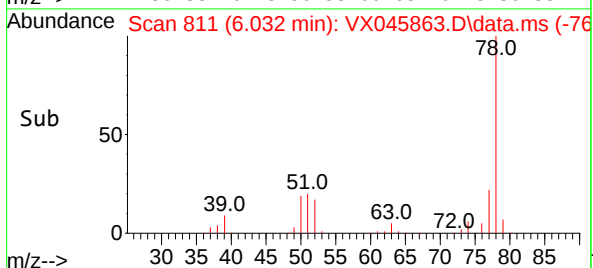
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#40
Benzene
Concen: 48.699 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14



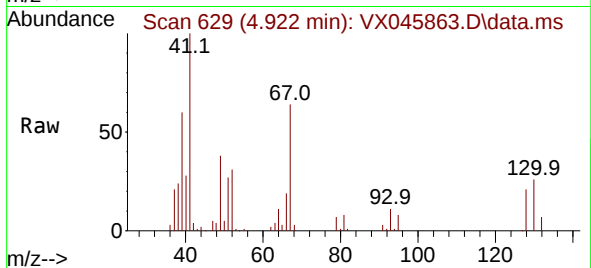
Tgt Ion: 78 Resp: 214076
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.6





#41
Methacrylonitrile
Concen: 50.857 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

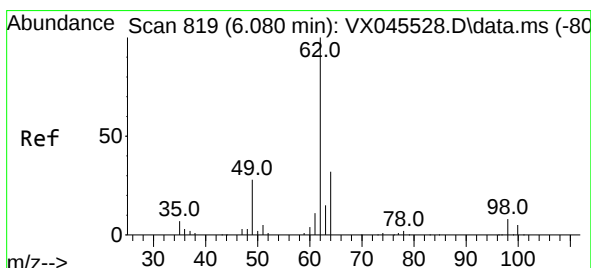
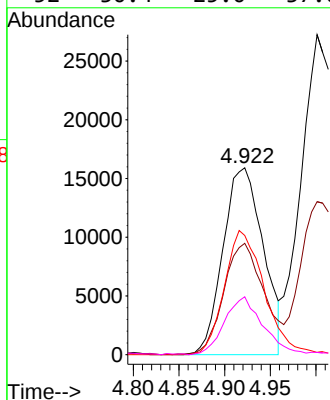
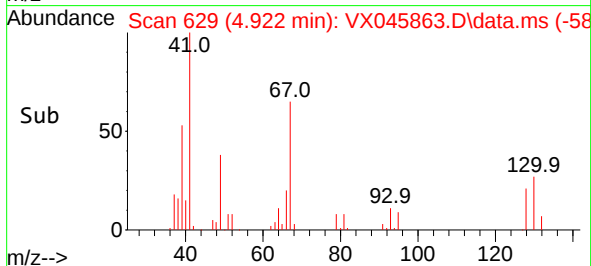
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41	Resp: 4867
Ion Ratio	Lower Upper
41	100
39	60.7 47.0 70.6
67	66.6 53.2 79.8
52	30.4 25.0 37.6

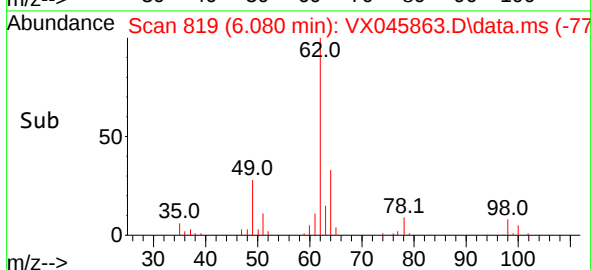
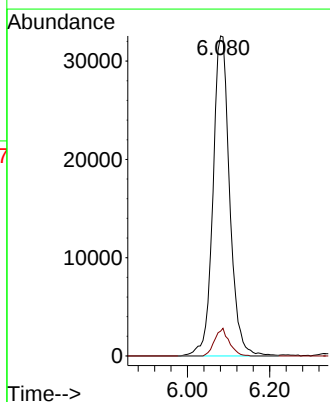
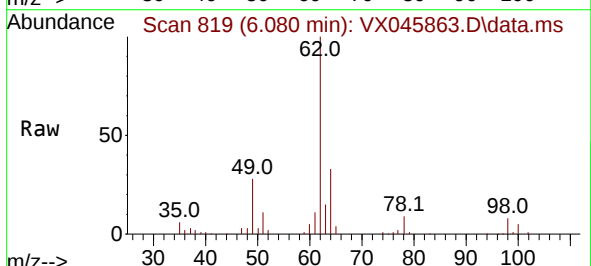
Manual Integrations
APPROVED

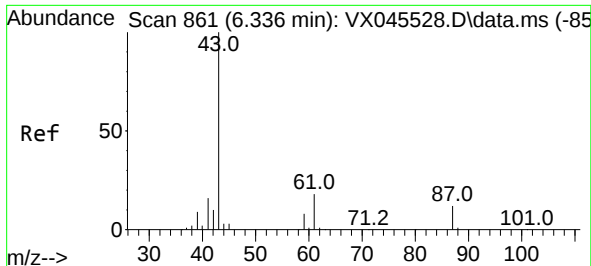
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#42
1,2-Dichloroethane
Concen: 50.645 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

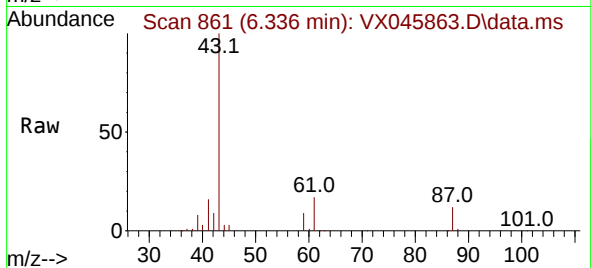
Tgt Ion: 62	Resp: 91953
Ion Ratio	Lower Upper
62	100
98	7.5 0.0 15.2





#43
Isopropyl Acetate
Concen: 50.521 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

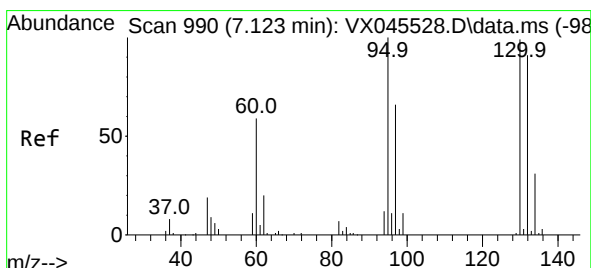
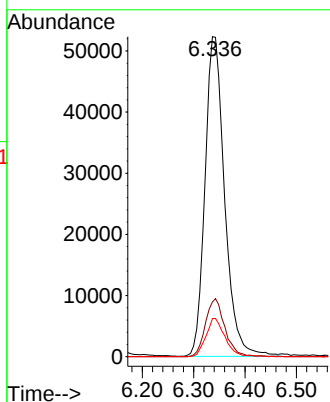
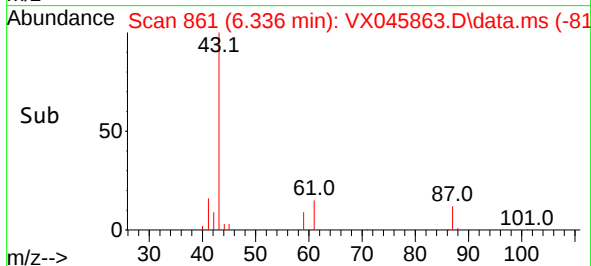
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 138892
Ion Ratio Lower Upper
43 100
61 17.8 14.1 21.1
87 11.6 9.2 13.8

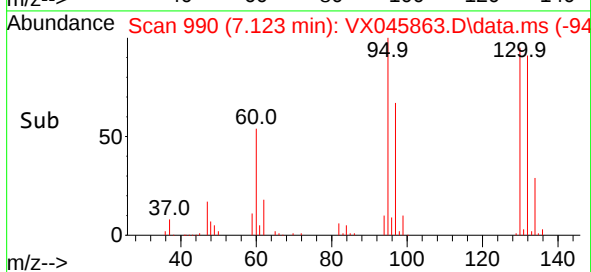
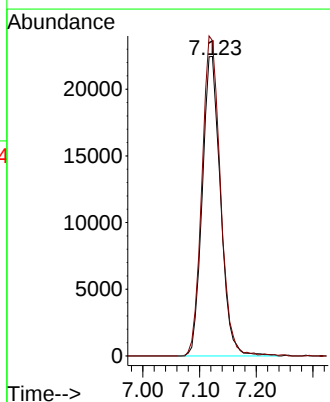
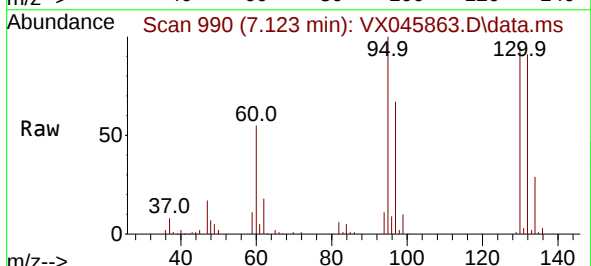
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#44
Trichloroethene
Concen: 47.923 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Tgt Ion:130 Resp: 50072
Ion Ratio Lower Upper
130 100
95 105.3 0.0 202.0





#45

1,2-Dichloropropane

Concen: 49.760 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX045863.D

Acq: 18 Apr 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 54578

Ion Ratio Lower Upper

63 100

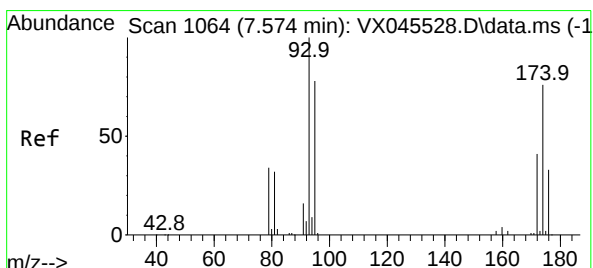
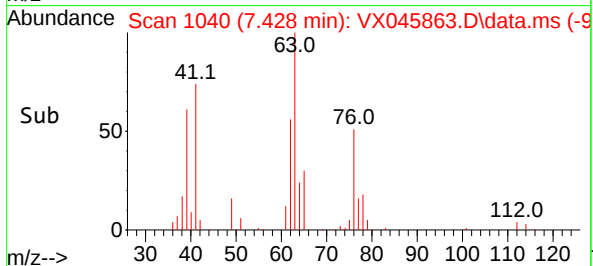
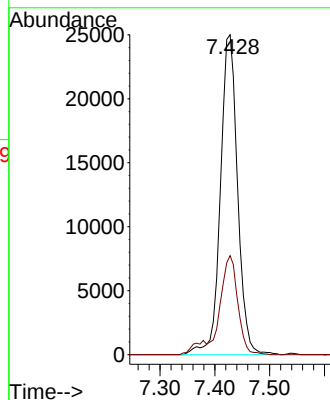
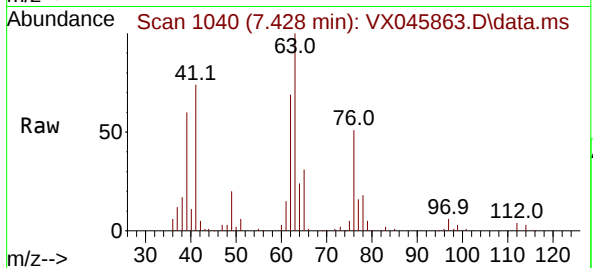
65 30.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#46

Dibromomethane

Concen: 50.850 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX045863.D

Acq: 18 Apr 2025 17:14

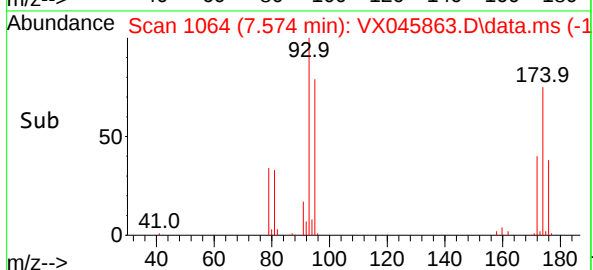
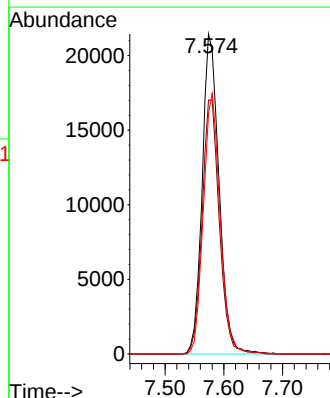
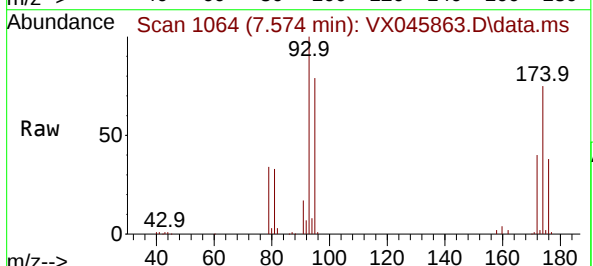
Tgt Ion: 93 Resp: 42814

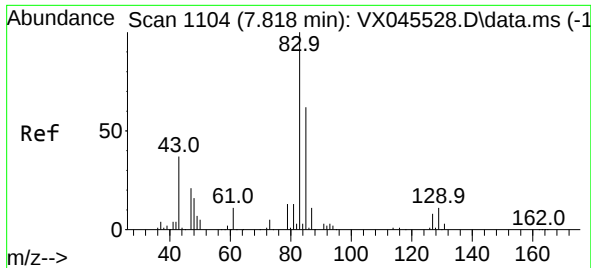
Ion Ratio Lower Upper

93 100

95 80.9 64.8 97.2

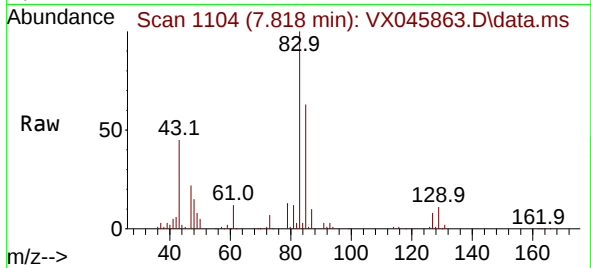
174 81.4 65.4 98.0





#47
Bromodichloromethane
Concen: 49.084 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

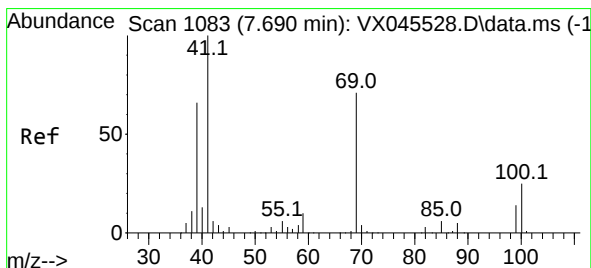
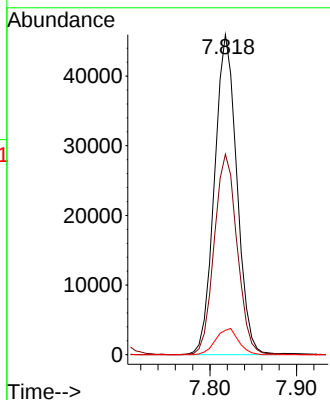
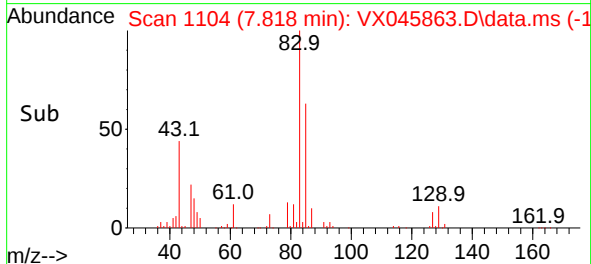
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



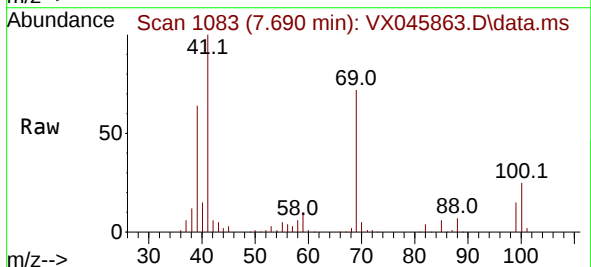
Tgt Ion: 83 Resp: 8253
Ion Ratio Lower Upper
83 100
85 62.7 49.7 74.5
127 7.6 6.1 9.1

Manual Integrations
APPROVED

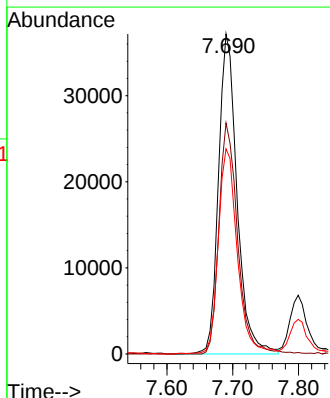
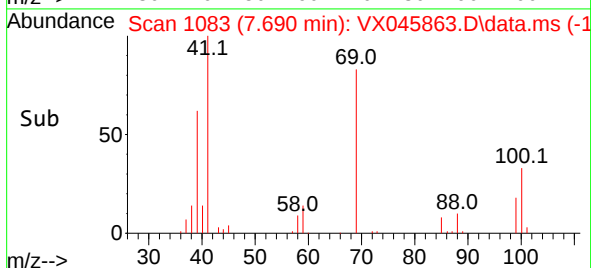
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

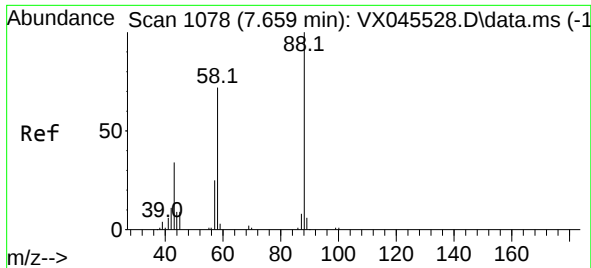


#48
Methyl methacrylate
Concen: 51.508 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14



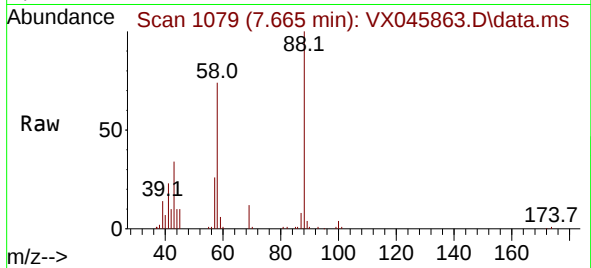
Tgt Ion: 41 Resp: 73113
Ion Ratio Lower Upper
41 100
69 72.7 58.2 87.2
39 65.0 53.6 80.4





#49
1,4-Dioxane
Concen: 992.620 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

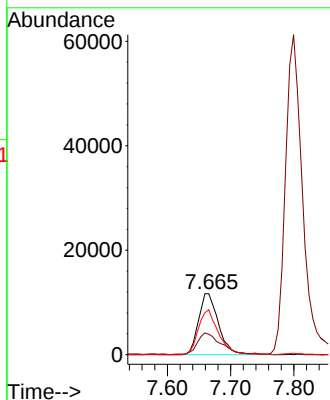
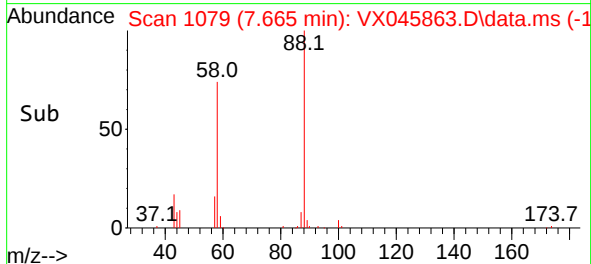
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 25492
Ion Ratio Lower Upper
88 100
43 43.7 32.2 48.4
58 73.9 58.6 88.0

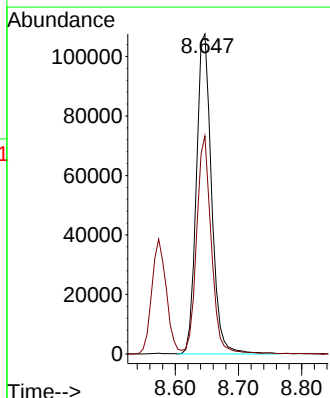
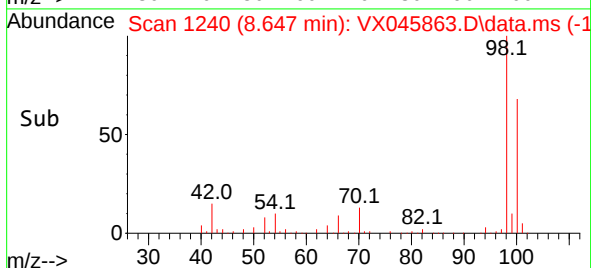
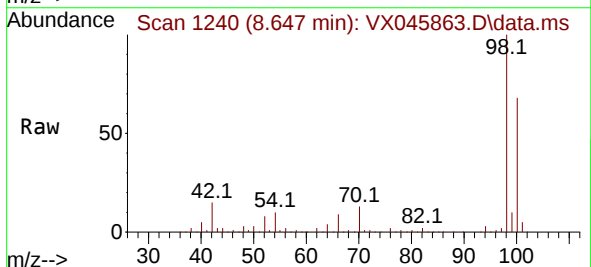
Manual Integrations
APPROVED

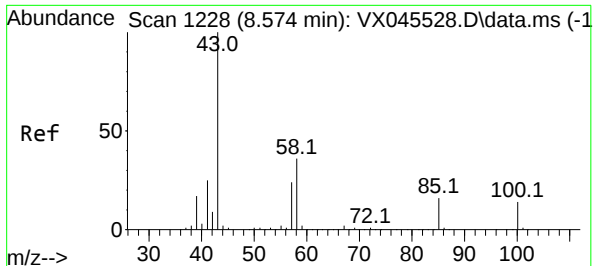
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#50
Toluene-d8
Concen: 48.399 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Tgt Ion: 98 Resp: 180085
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4





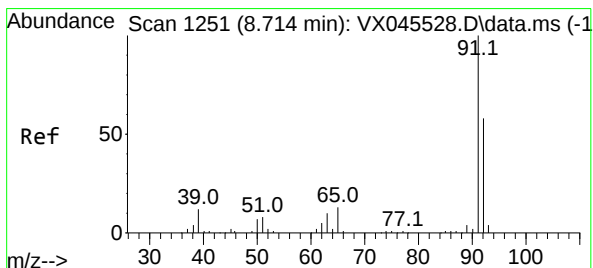
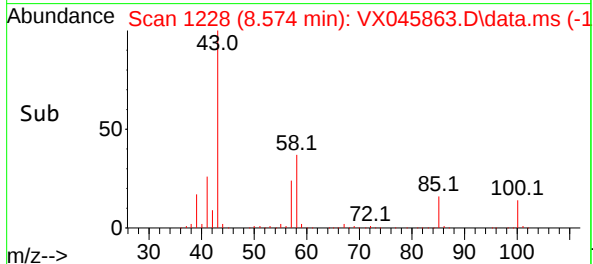
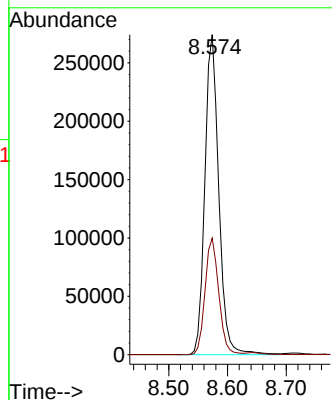
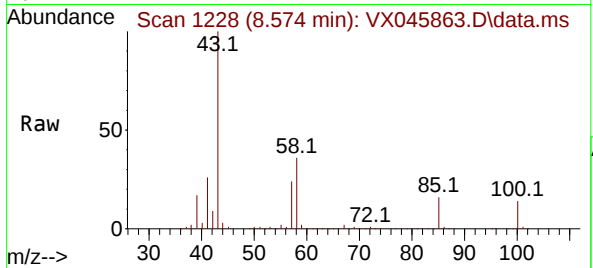
#51
4-Methyl-2-Pentanone
Concen: 247.461 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 45099
Ion Ratio Lower Upper
43 100
58 36.1 28.5 42.7

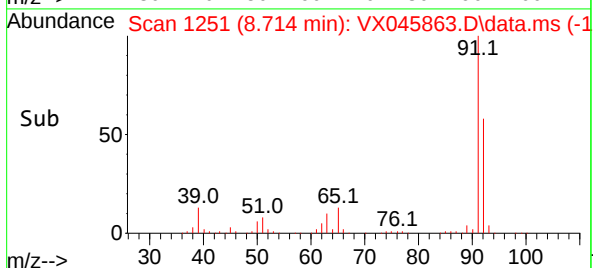
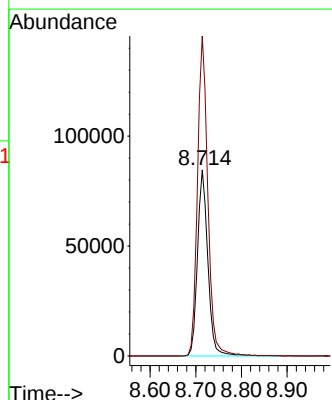
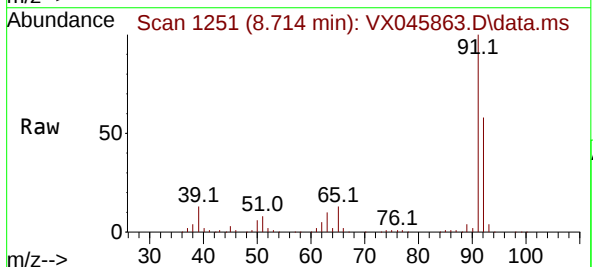
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#52
Toluene
Concen: 50.111 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Tgt Ion: 92 Resp: 133294
Ion Ratio Lower Upper
92 100
91 172.3 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 45.685 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX045863.D

Acq: 18 Apr 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 73530

Ion Ratio Lower Upper

75 100

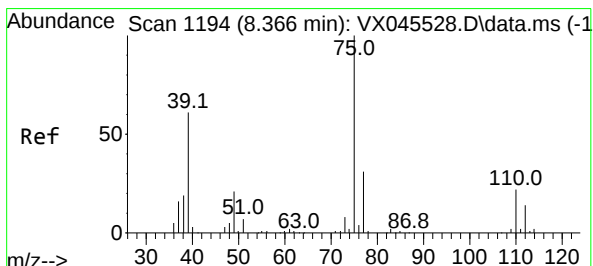
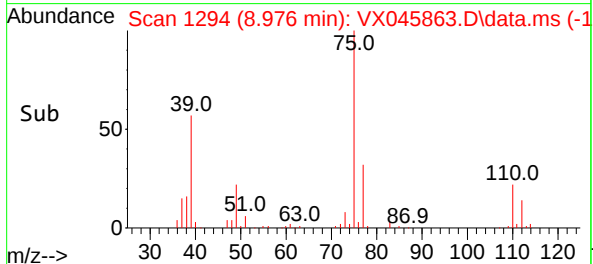
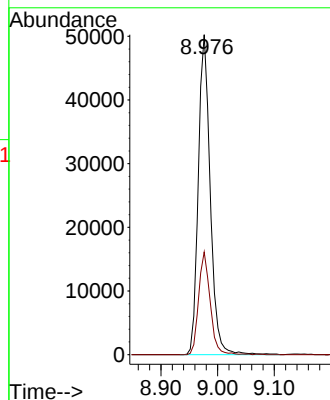
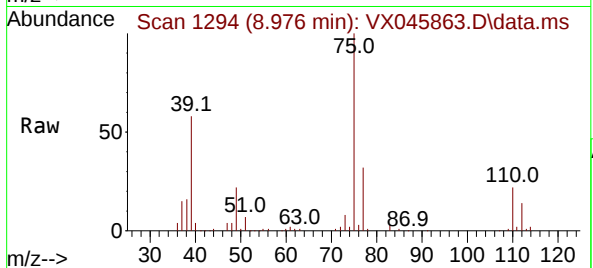
77 32.1 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#54

cis-1,3-Dichloropropene

Concen: 51.349 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX045863.D

Acq: 18 Apr 2025 17:14

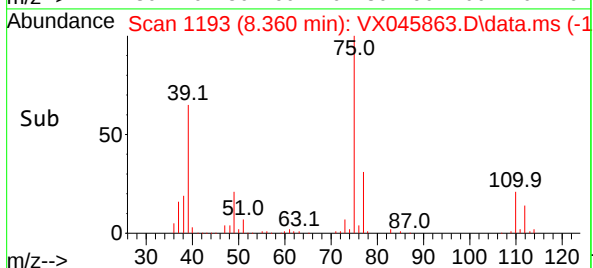
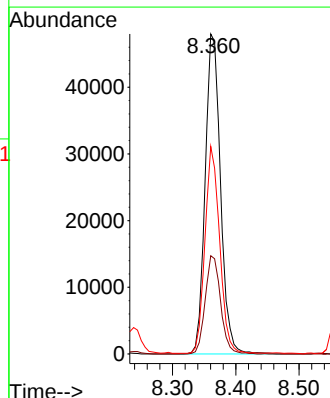
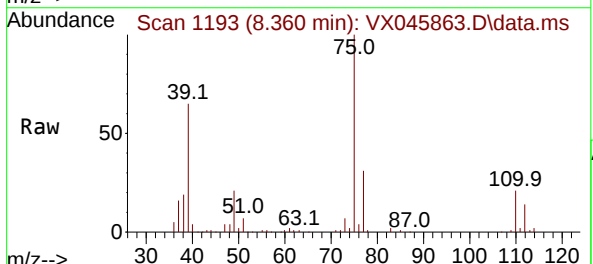
Tgt Ion: 75 Resp: 81137

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8

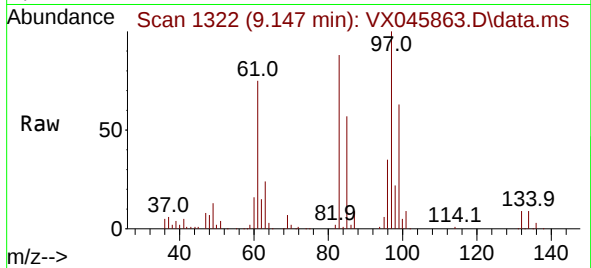
39 64.6 48.4 72.6





#55
1,1,2-Trichloroethane
Concen: 49.618 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

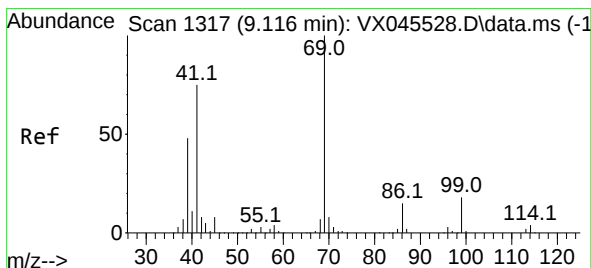
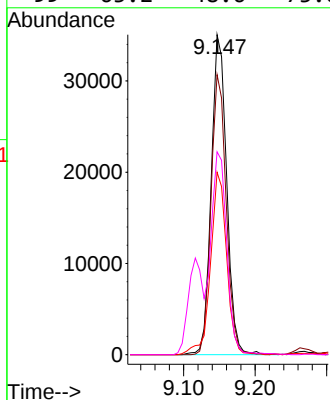
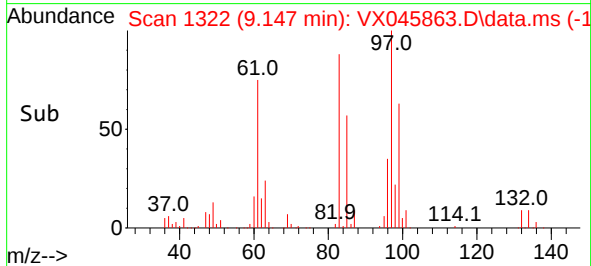
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



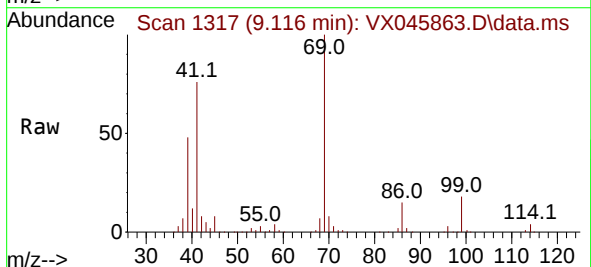
Tgt Ion: 97 Resp: 5259
Ion Ratio Lower Upper
97 100
83 87.5 71.8 107.8
85 57.0 47.0 70.6
99 63.2 48.6 73.0

Manual Integrations
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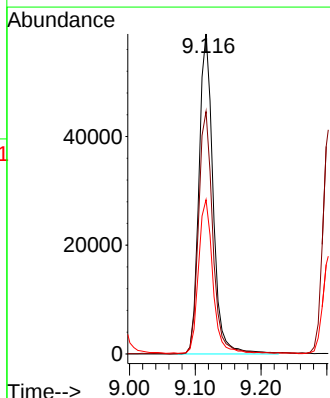
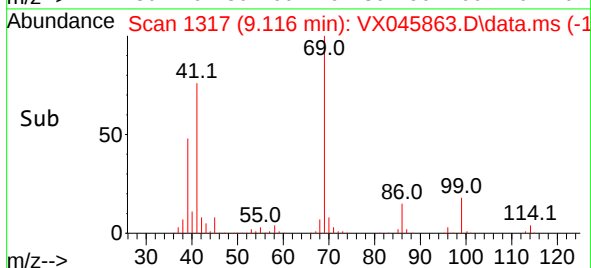
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

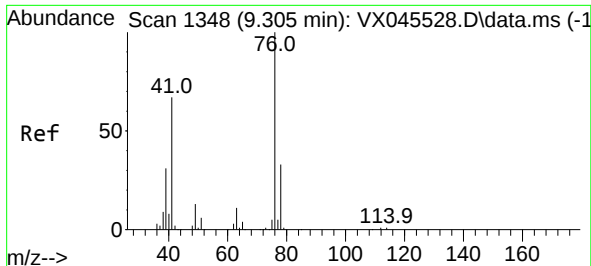


#56
Ethyl methacrylate
Concen: 53.581 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14



Tgt Ion: 69 Resp: 87896
Ion Ratio Lower Upper
69 100
41 77.4 61.3 91.9
39 48.7 40.2 60.2





#57

1,3-Dichloropropane

Concen: 49.886 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX045863.D

Acq: 18 Apr 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 92079

Ion Ratio Lower Upper

76 100

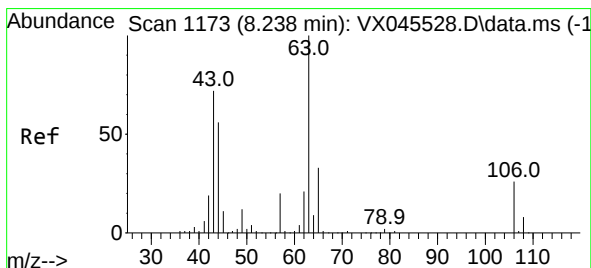
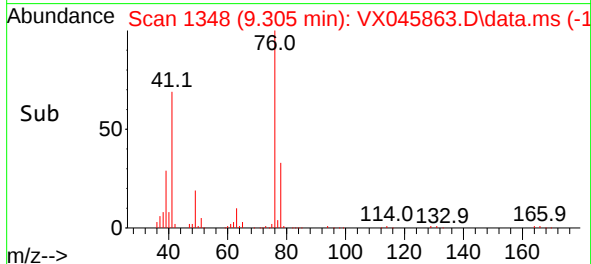
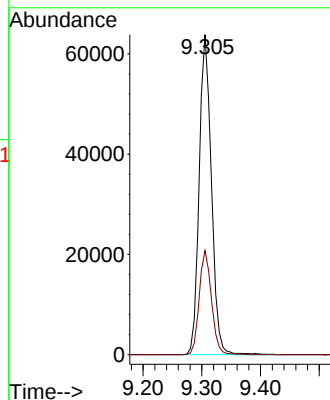
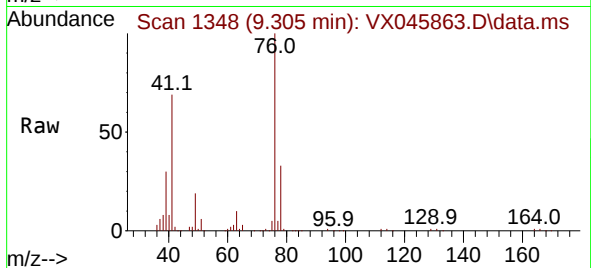
78 32.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 267.059 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX045863.D

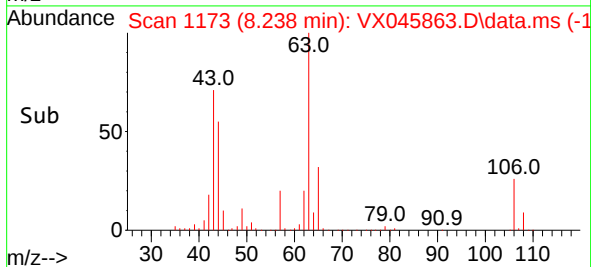
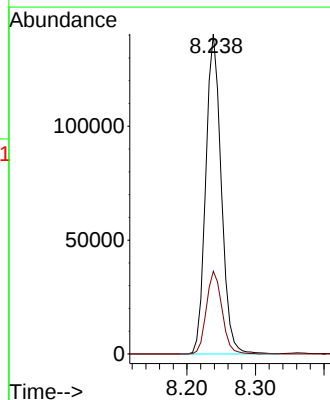
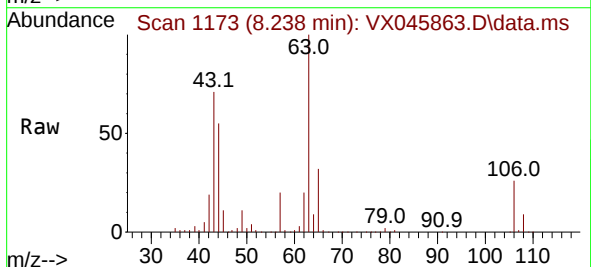
Acq: 18 Apr 2025 17:14

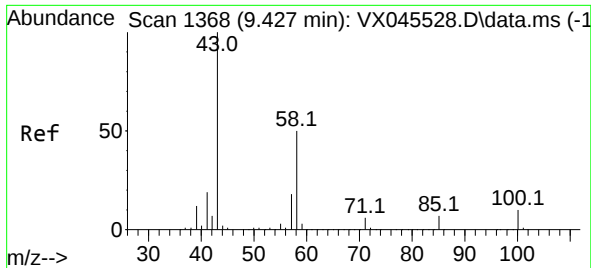
Tgt Ion: 63 Resp: 221616

Ion Ratio Lower Upper

63 100

106 26.0 21.0 31.6





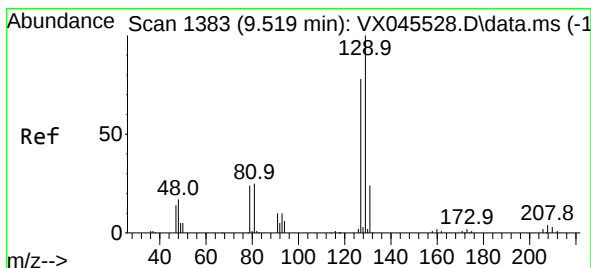
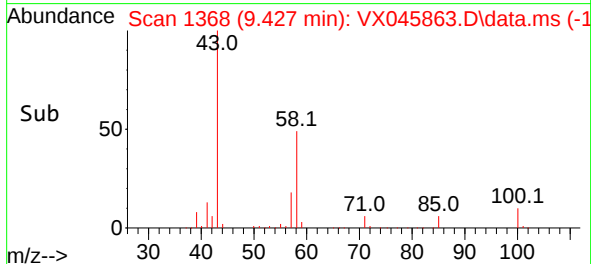
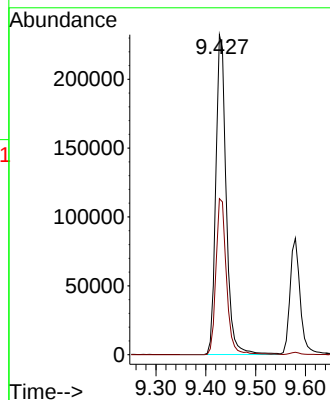
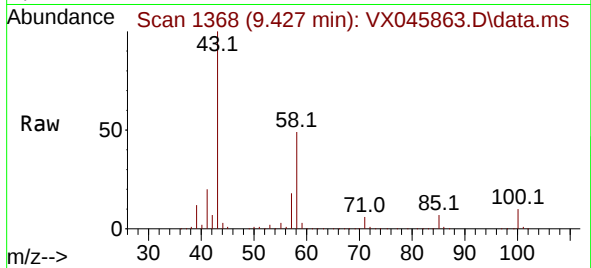
#59
2-Hexanone
Concen: 249.767 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 337083
Ion Ratio Lower Upper
43 100
58 49.4 24.9 74.6

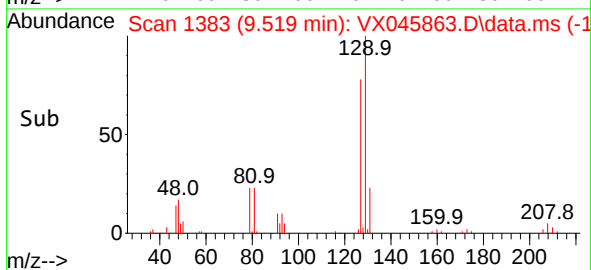
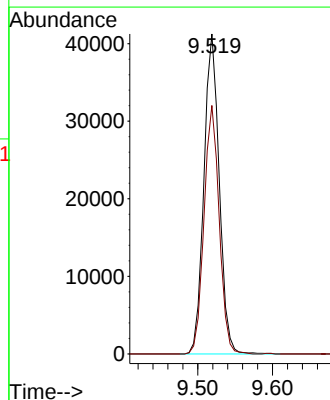
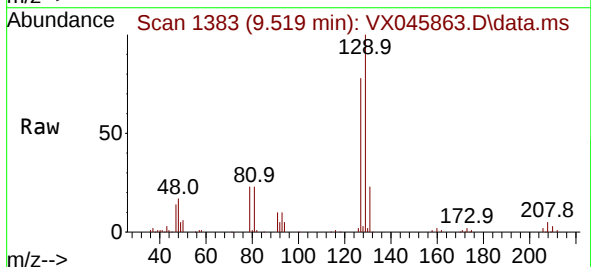
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#60
Dibromochloromethane
Concen: 50.729 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

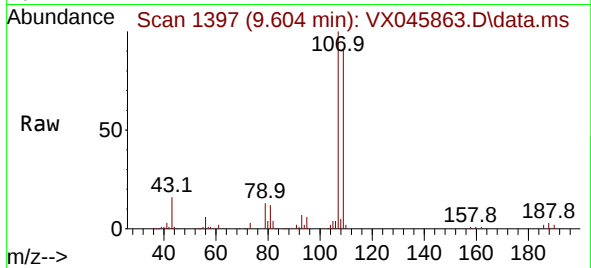
Tgt Ion:129 Resp: 58620
Ion Ratio Lower Upper
129 100
127 76.9 39.4 118.2





#61
1,2-Dibromoethane
Concen: 50.955 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

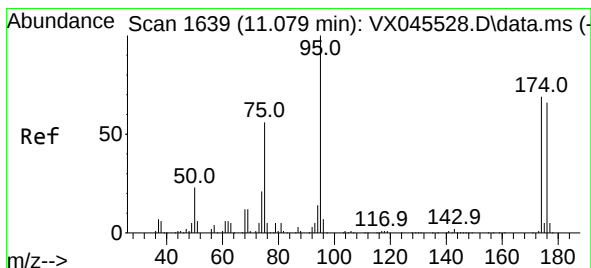
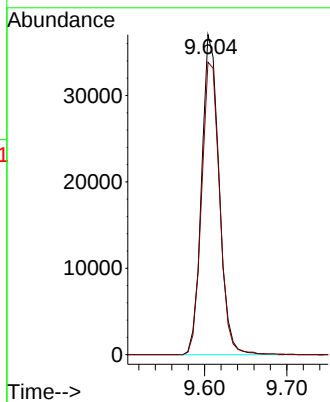
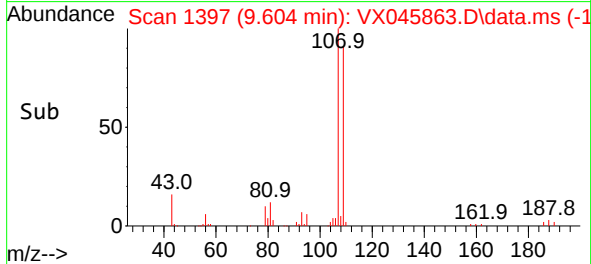
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 54675
Ion Ratio Lower Upper
107 100
109 94.2 75.7 113.5

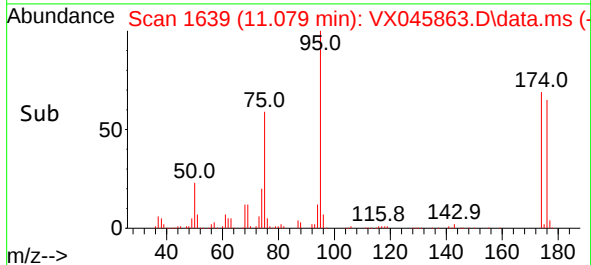
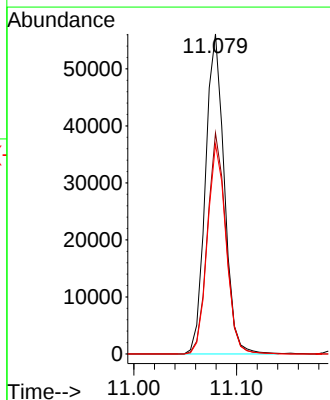
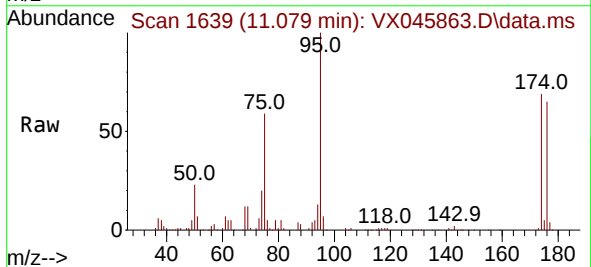
Manual Integrations
APPROVED

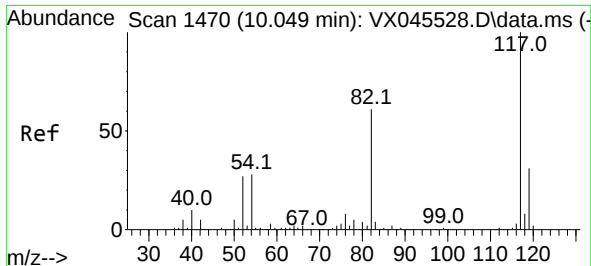
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#62
4-Bromofluorobenzene
Concen: 52.698 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

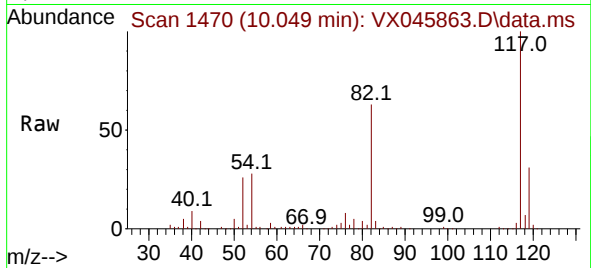
Tgt Ion: 95 Resp: 71423
Ion Ratio Lower Upper
95 100
174 67.8 0.0 135.8
176 64.9 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

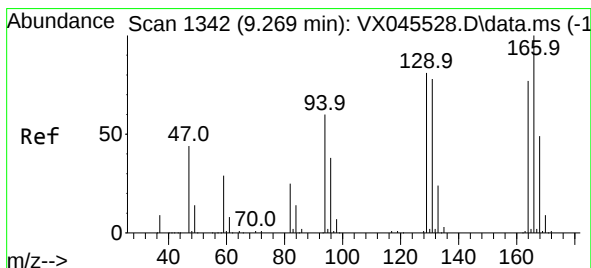
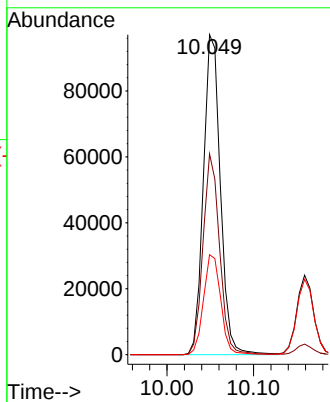
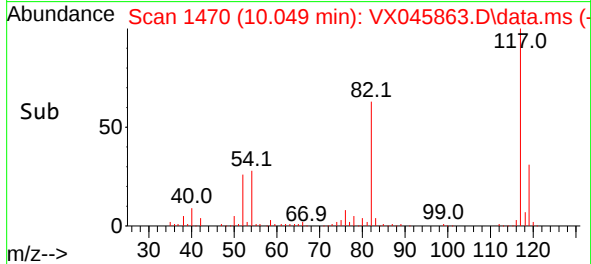
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 13246
Ion Ratio Lower Upper
117 100
82 62.7 49.2 73.8
119 31.3 25.1 37.7

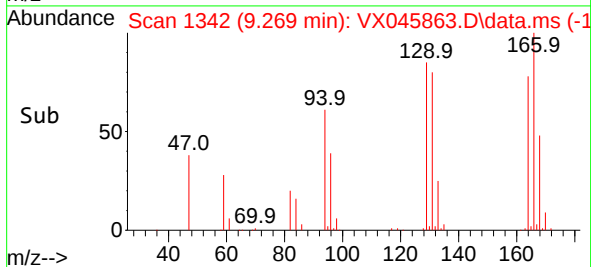
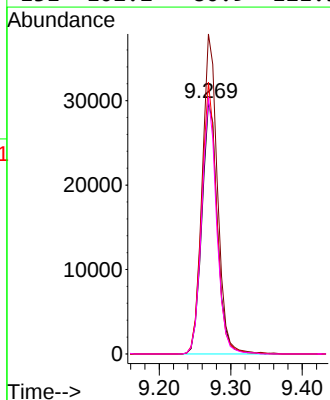
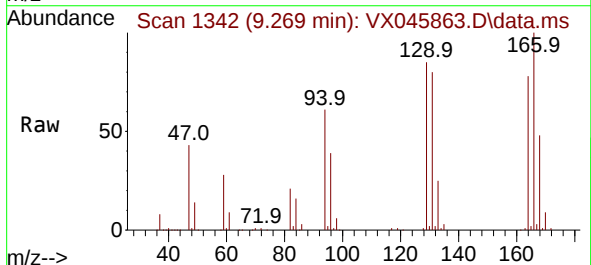
Manual Integrations
APPROVED

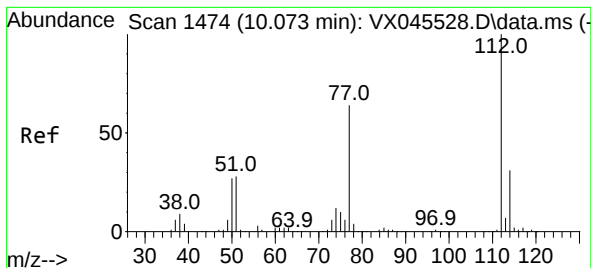
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#64
Tetrachloroethene
Concen: 47.853 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

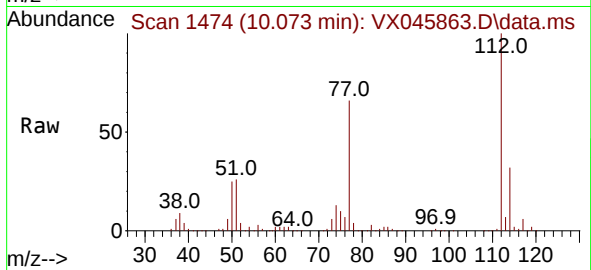
Tgt Ion:164 Resp: 44754
Ion Ratio Lower Upper
164 100
166 127.5 103.8 155.8
129 108.2 84.3 126.5
131 102.2 80.9 121.3





#65
Chlorobenzene
Concen: 50.639 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

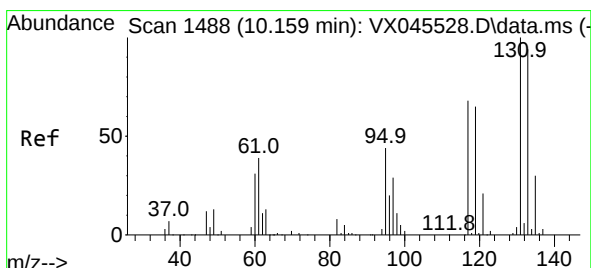
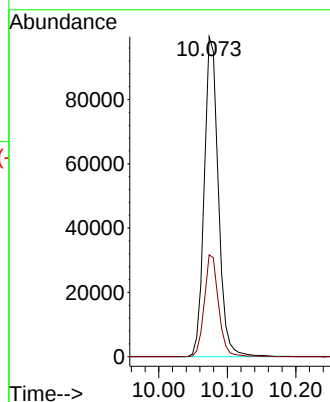
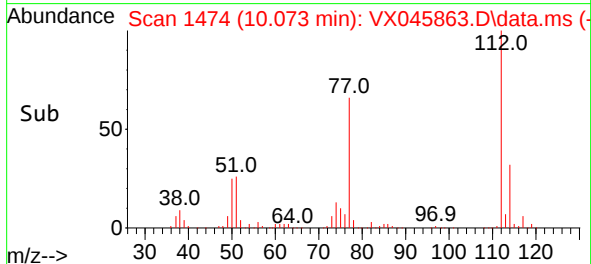
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



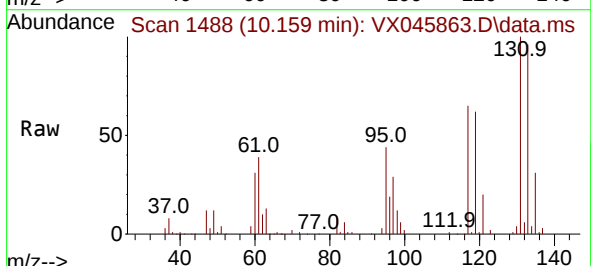
Tgt Ion:112 Resp: 143330
Ion Ratio Lower Upper
112 100
114 31.9 24.7 37.1

Manual Integrations
APPROVED

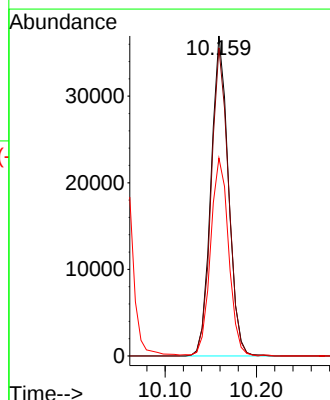
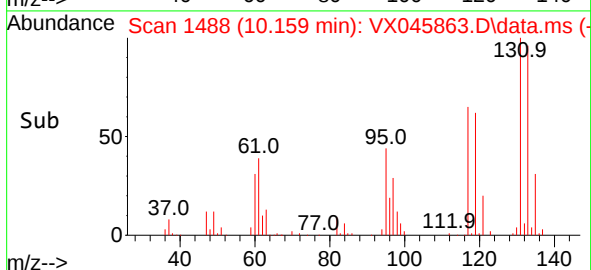
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

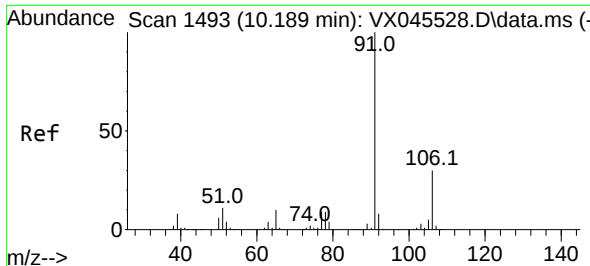


#66
1,1,1,2-Tetrachloroethane
Concen: 49.537 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14



Tgt Ion:131 Resp: 48681
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.5
119 64.2 32.9 98.6





#67

Ethyl Benzene

Concen: 51.712 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX045863.D

Acq: 18 Apr 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 262159

Ion Ratio Lower Upper

91 100

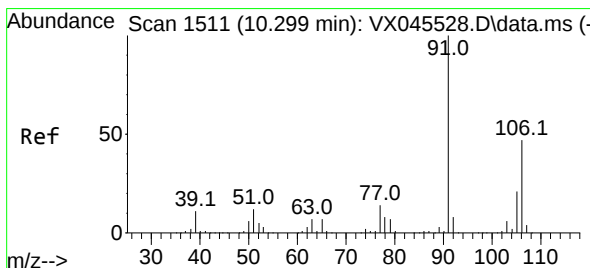
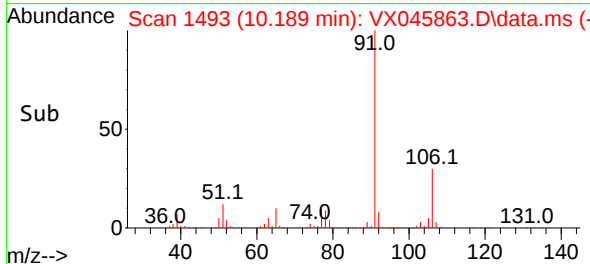
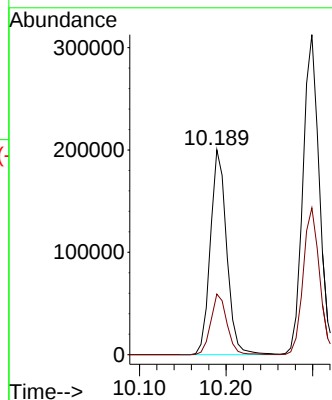
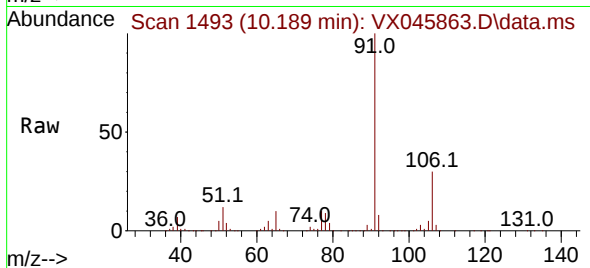
106 29.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#68

m/p-Xylenes

Concen: 103.678 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045863.D

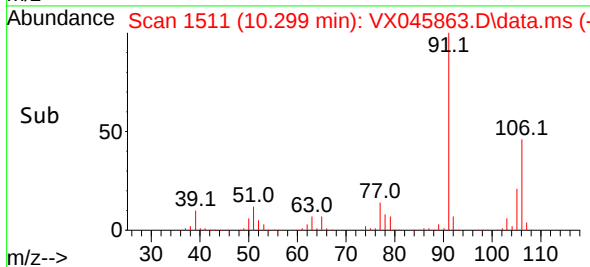
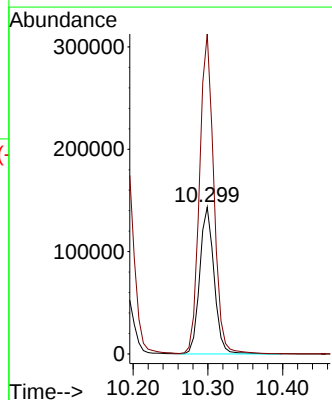
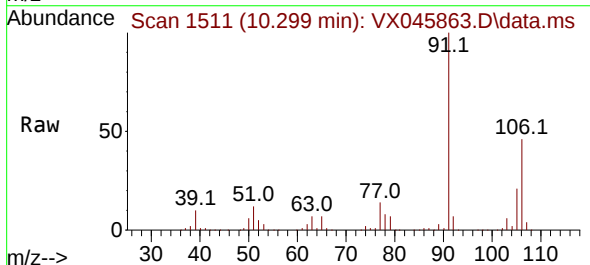
Acq: 18 Apr 2025 17:14

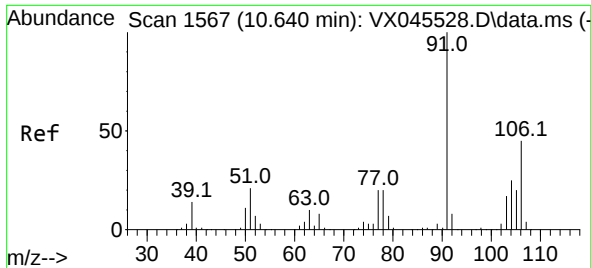
Tgt Ion:106 Resp: 191166

Ion Ratio Lower Upper

106 100

91 216.9 172.6 258.8





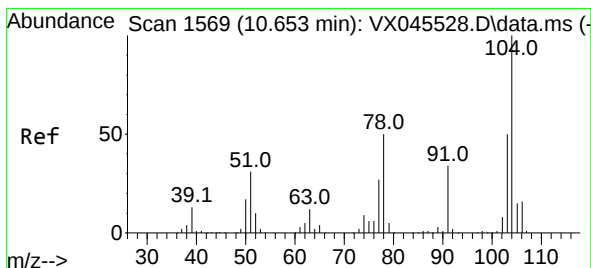
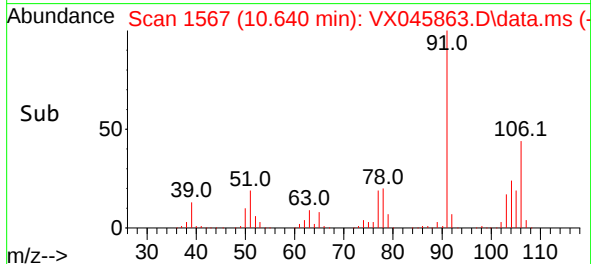
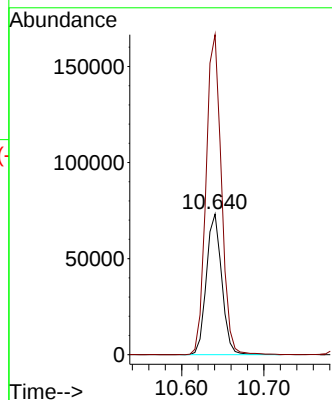
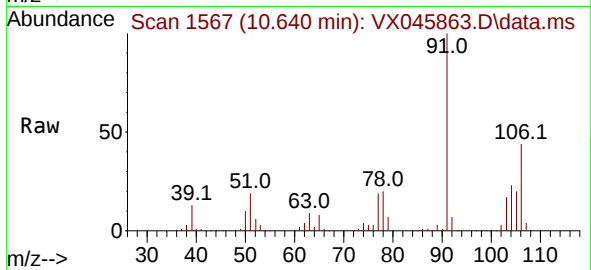
#69
o-Xylene
Concen: 52.343 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 95074
Ion Ratio Lower Upper
106 100
91 228.0 113.6 340.6

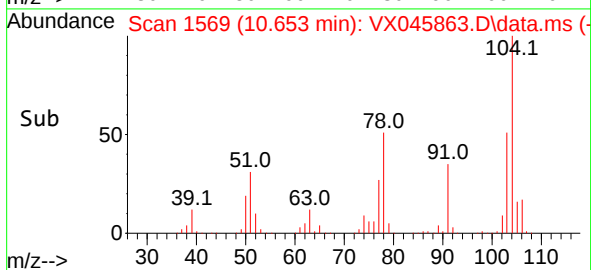
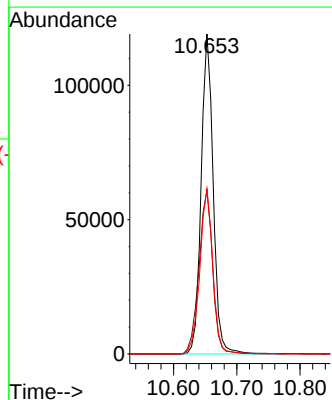
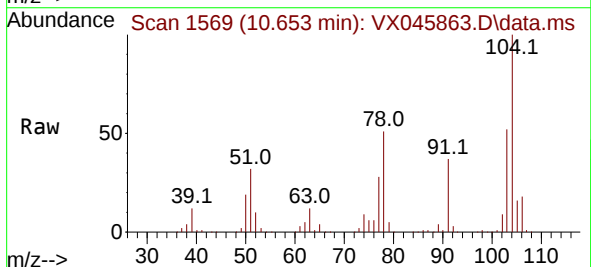
Manual Integrations
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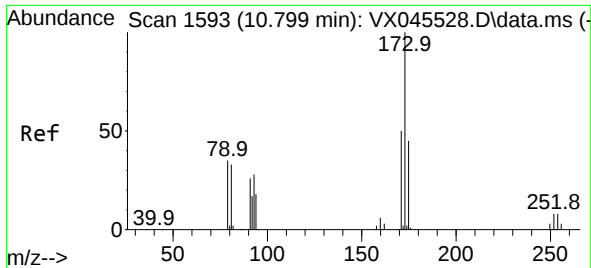
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#70
Styrene
Concen: 52.787 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

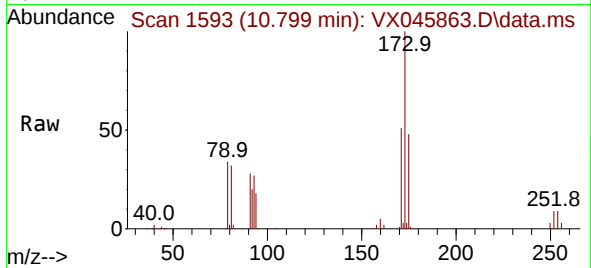
Tgt Ion:104 Resp: 158249
Ion Ratio Lower Upper
104 100
78 58.1 45.4 68.2
103 55.8 43.8 65.8





#71
Bromoform
Concen: 49.639 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

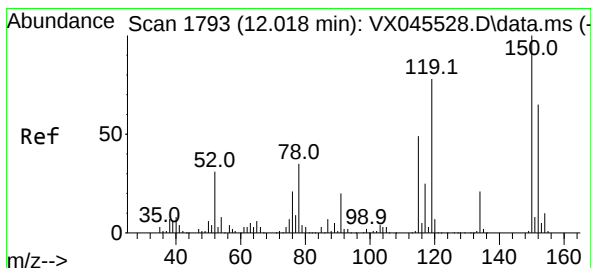
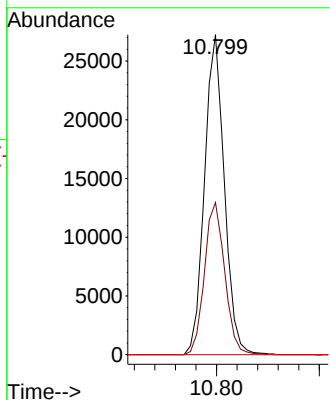
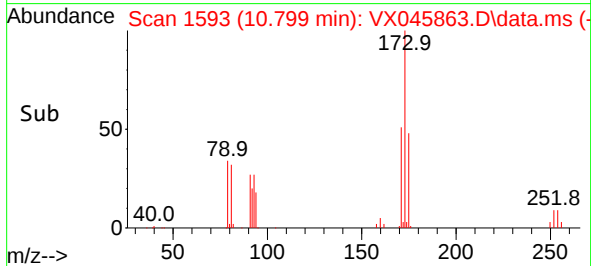
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 3642
Ion Ratio Lower Upper
173 100
175 48.8 23.4 70.2
254 0.0 0.0 0.0

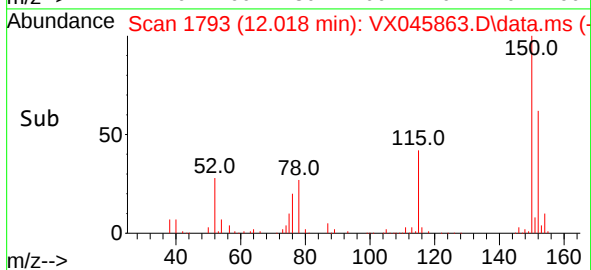
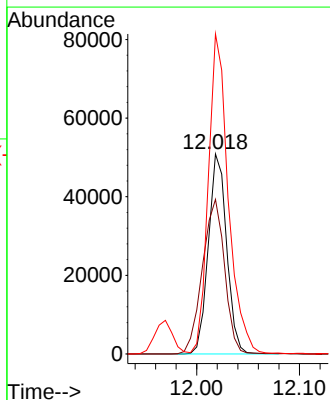
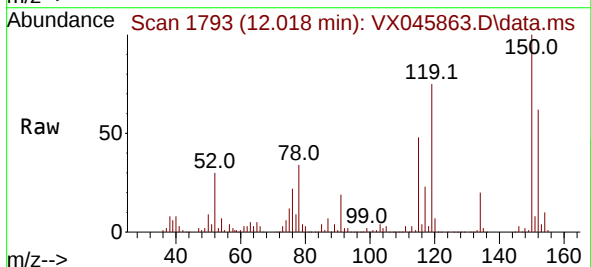
Manual Integrations
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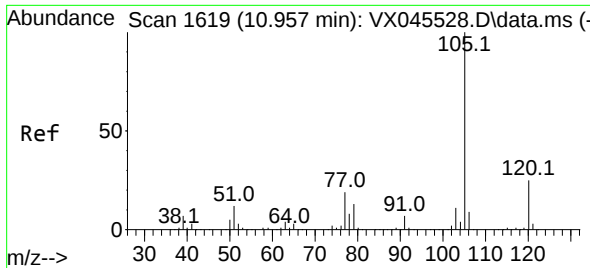
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Tgt Ion:152 Resp: 63174
Ion Ratio Lower Upper
152 100
115 93.9 46.9 140.7
150 173.8 0.0 349.4





#73
Isopropylbenzene
Concen: 49.472 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Instrument :

MSVOA_X

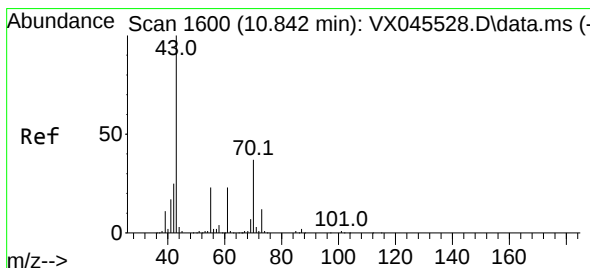
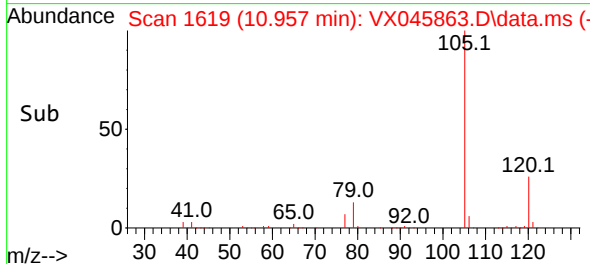
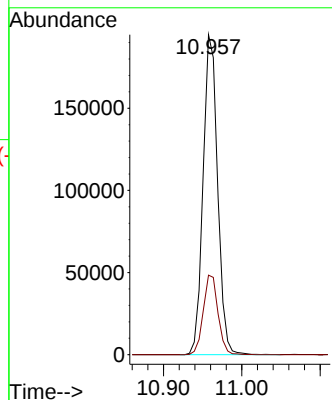
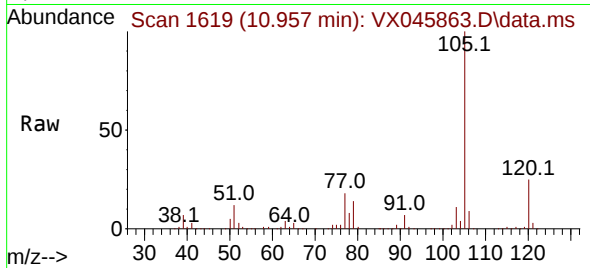
ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 25034
Ion Ratio Lower Upper
105 100
120 25.2 12.7 38.0

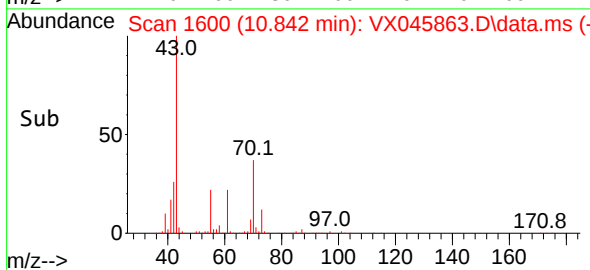
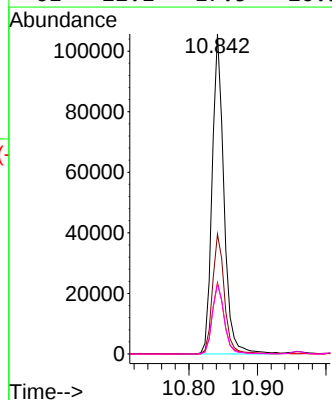
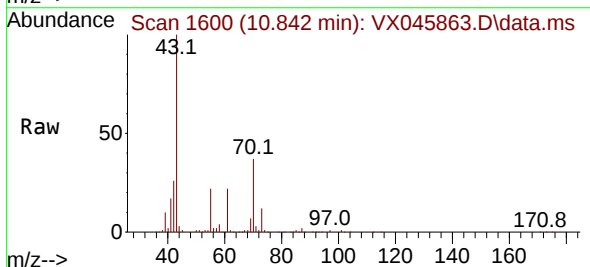
Manual Integrations
APPROVED

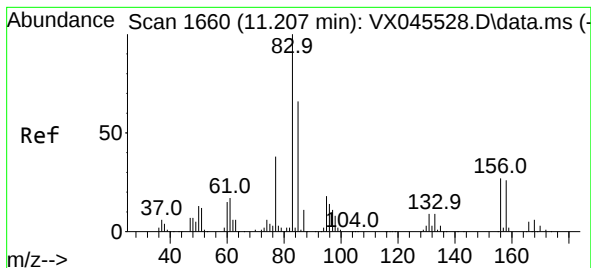
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#74
N-ethyl acetate
Concen: 52.279 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Tgt Ion: 43 Resp: 126546
Ion Ratio Lower Upper
43 100
70 38.1 30.1 45.1
55 22.8 18.3 27.5
61 22.1 17.5 26.3





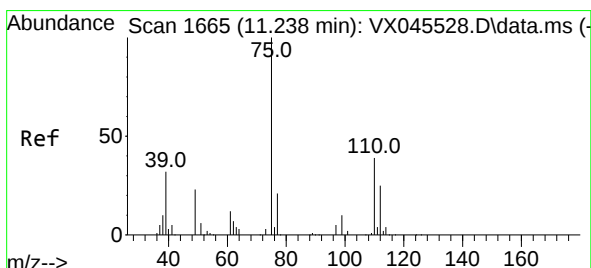
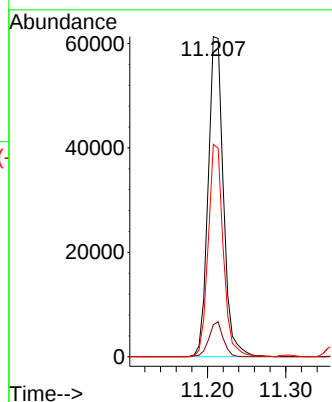
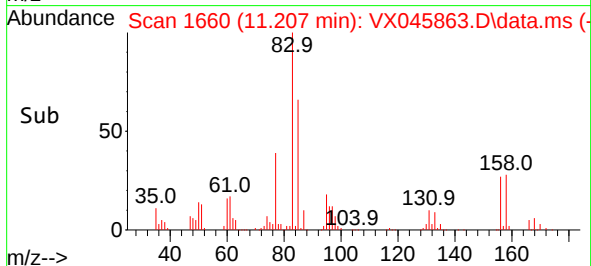
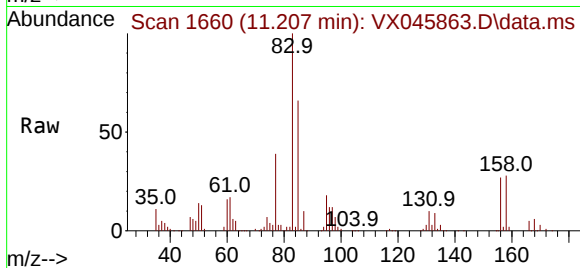
#75
1,1,2,2-Tetrachloroethane
Concen: 46.459 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 82580
Ion Ratio Lower Upper
83 100
131 10.2 4.7 14.1
85 65.3 32.4 97.2

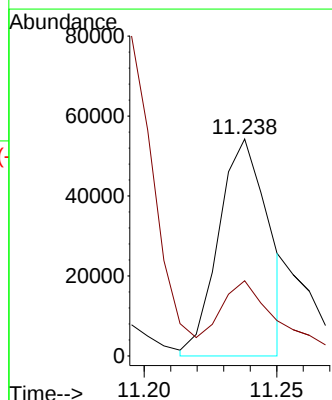
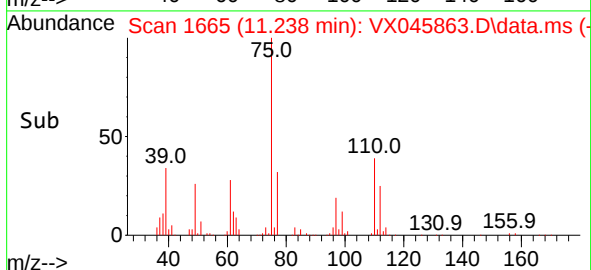
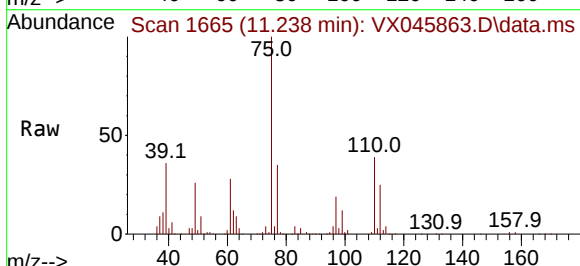
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#76
1,2,3-Trichloropropane
Concen: 45.875 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

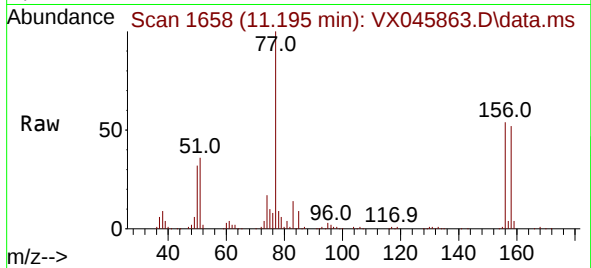
Tgt Ion: 75 Resp: 70692
Ion Ratio Lower Upper
75 100
77 41.1 20.0 59.9





#77
Bromobenzene
Concen: 48.348 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

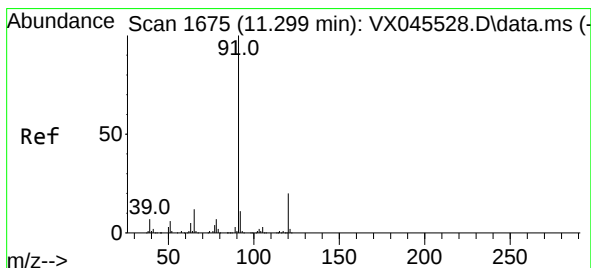
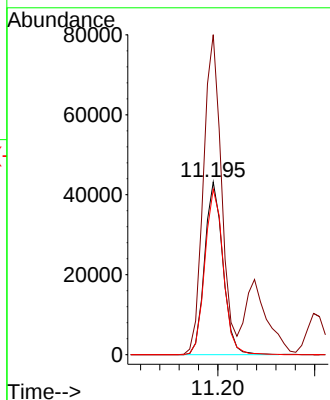
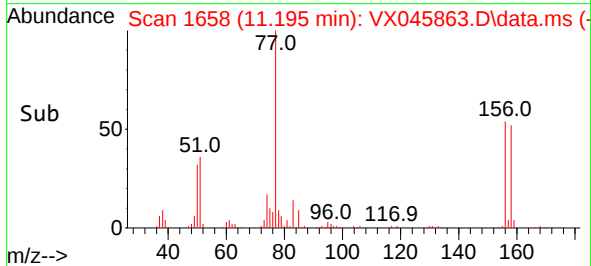
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 56529
Ion Ratio Lower Upper
156 100
77 184.3 92.6 277.8
158 97.3 48.1 144.4

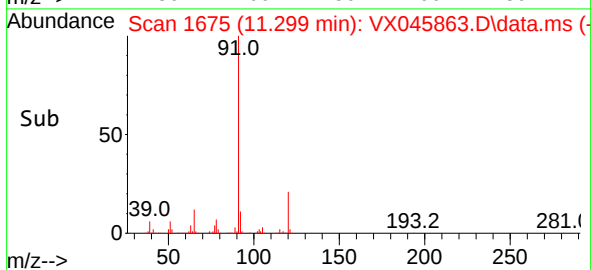
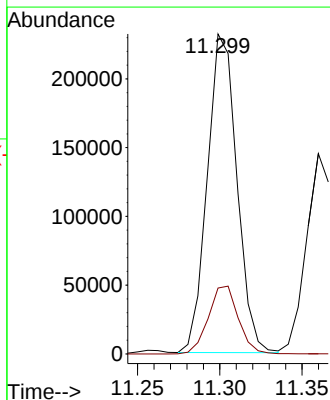
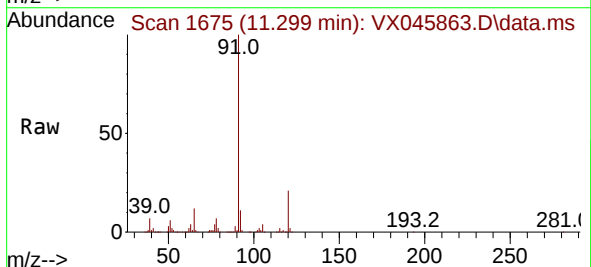
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#78
n-propylbenzene
Concen: 49.726 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Tgt Ion: 91 Resp: 289837
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.3





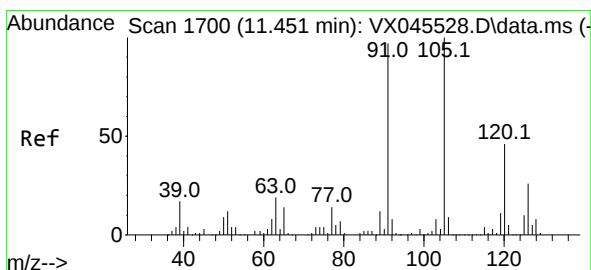
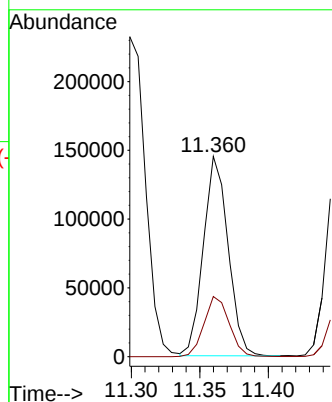
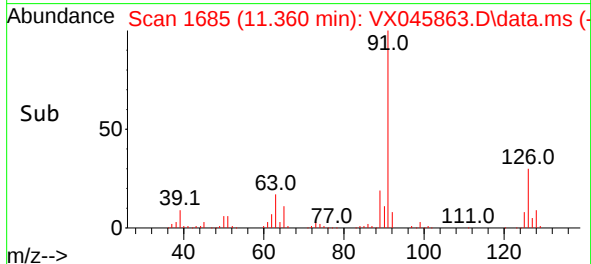
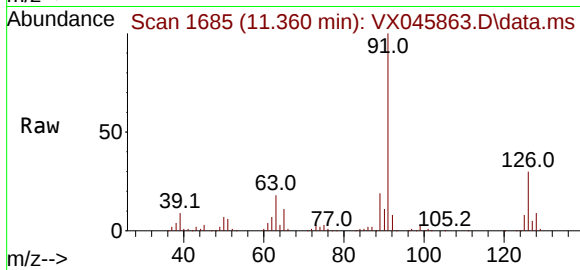
#79
2-Chlorotoluene
Concen: 48.829 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 181948
Ion Ratio Lower Upper
91 100
126 30.9 15.8 47.4

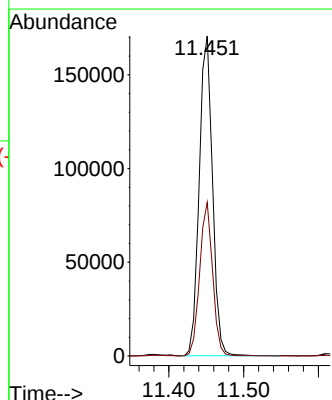
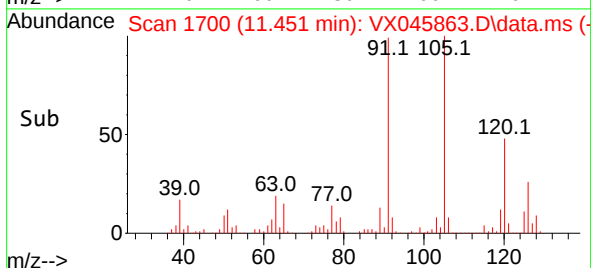
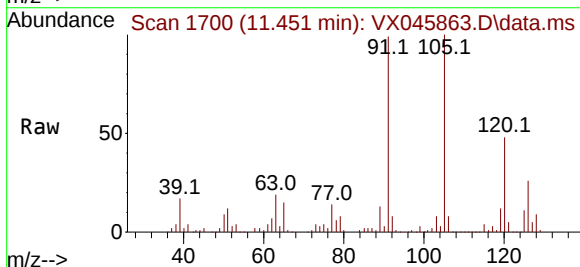
Manual Integrations
APPROVED

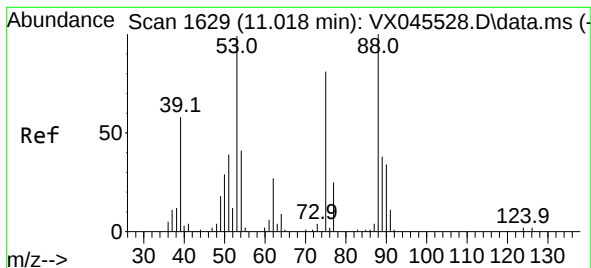
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 50.256 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

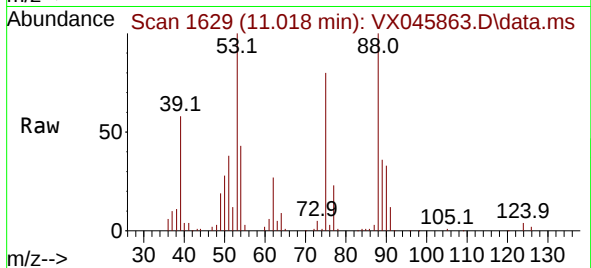
Tgt Ion:105 Resp: 210293
Ion Ratio Lower Upper
105 100
120 46.9 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 44.243 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

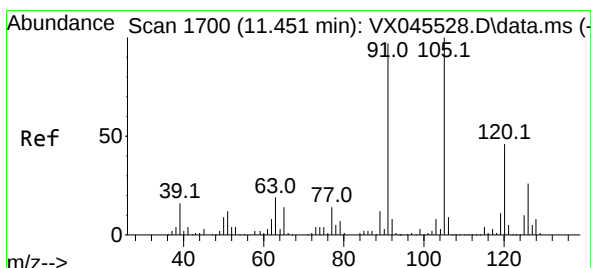
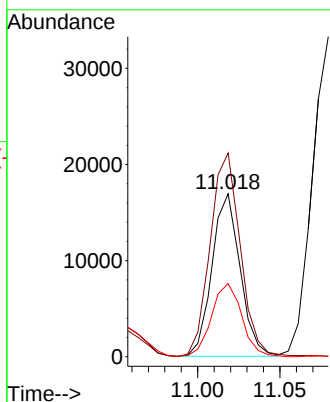
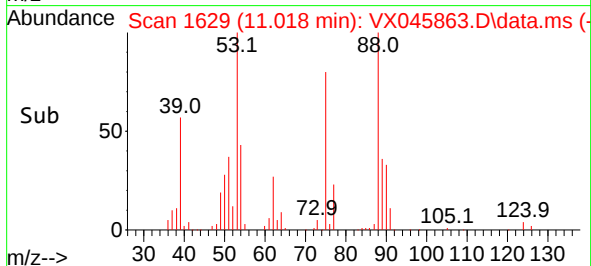
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 20084
Ion Ratio Lower Upper
75 100
53 134.9 101.8 152.6
89 48.5 37.2 55.8

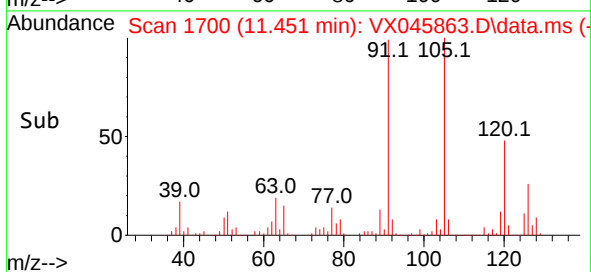
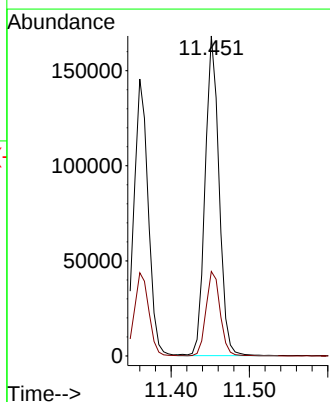
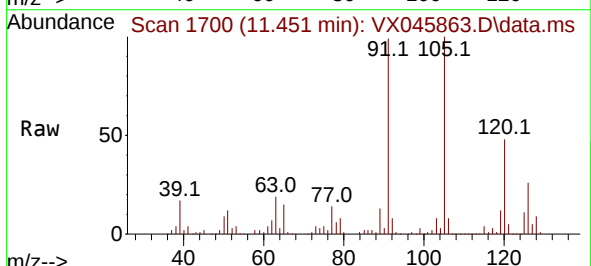
Manual Integrations
APPROVED

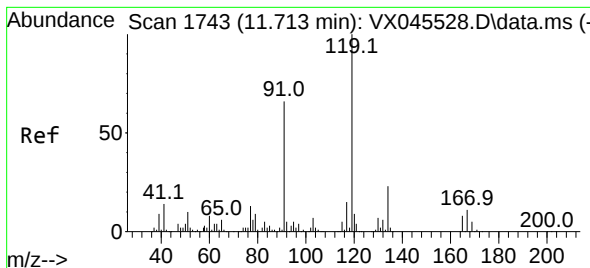
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#82
4-Chlorotoluene
Concen: 49.845 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

Tgt Ion: 91 Resp: 207084
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.9





#83

tert-Butylbenzene

Concen: 50.435 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX045863.D

Acq: 18 Apr 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 208940

Ion Ratio Lower Upper

119 100

91 64.3 32.4 97.2

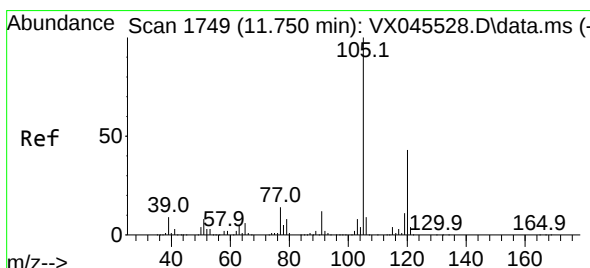
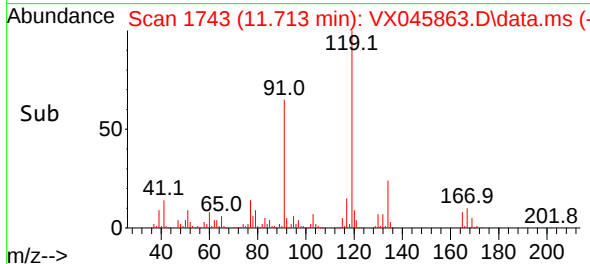
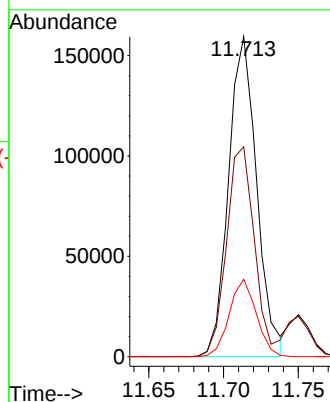
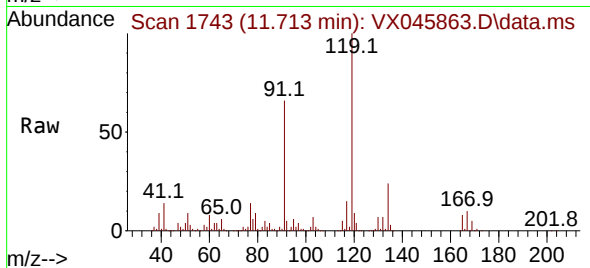
134 23.2 11.5 34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#84

1,2,4-Trimethylbenzene

Concen: 51.042 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX045863.D

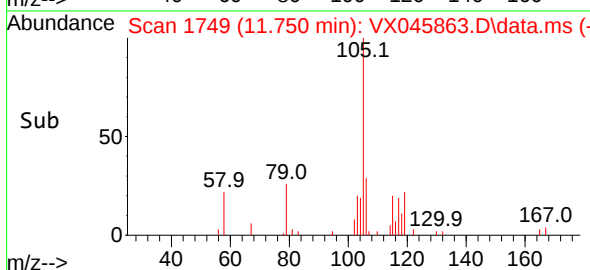
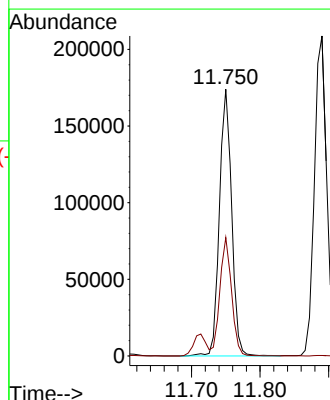
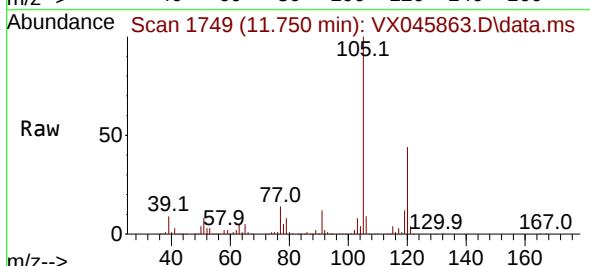
Acq: 18 Apr 2025 17:14

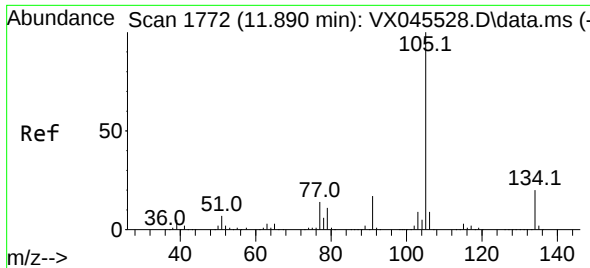
Tgt Ion:105 Resp: 214370

Ion Ratio Lower Upper

105 100

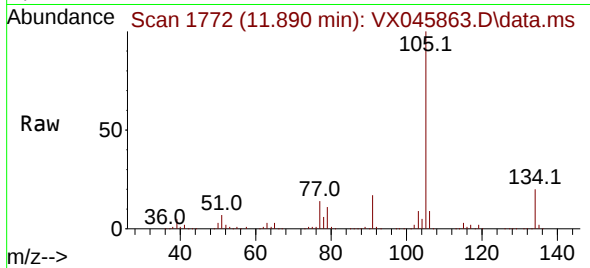
120 42.7 21.4 64.3





#85
 sec-Butylbenzene
 Concen: 51.297 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX045863.D
 Acq: 18 Apr 2025 17:14

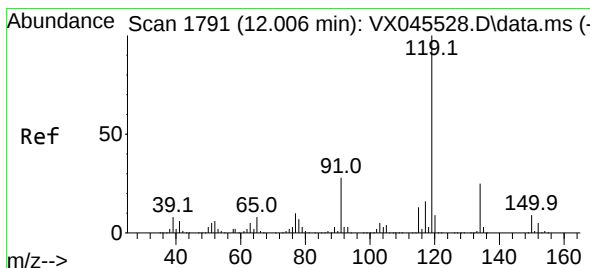
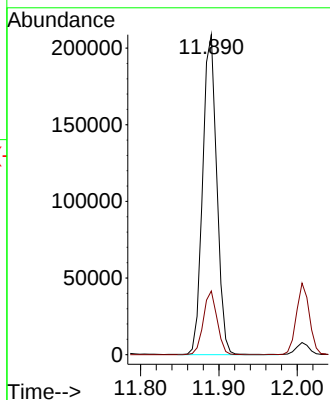
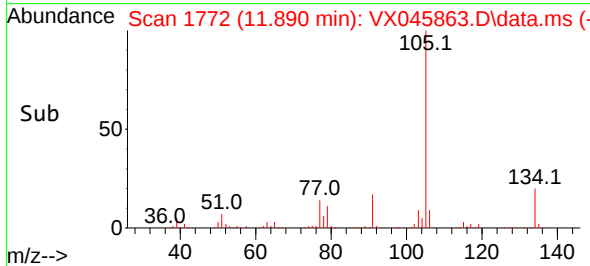
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



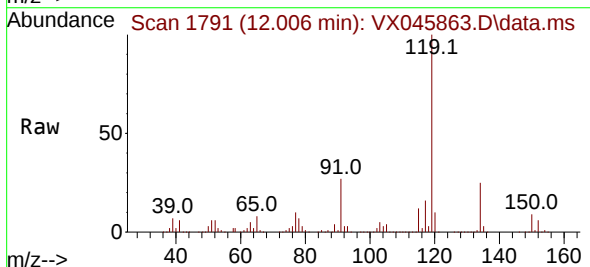
Tgt Ion:105 Resp: 26101
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.6

Manual Integrations
 APPROVED

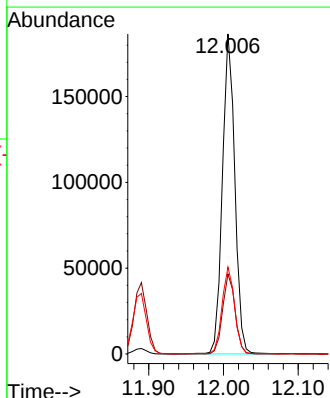
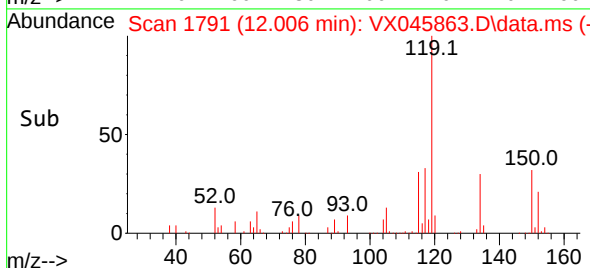
Reviewed By :John Carlone 04/21/2025
 Supervised By :Mahesh Dadoda 04/21/2025



#86
 p-Isopropyltoluene
 Concen: 51.363 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX045863.D
 Acq: 18 Apr 2025 17:14



Tgt Ion:119 Resp: 215465
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.6 37.8
 91 27.4 13.7 41.1





#87

1,3-Dichlorobenzene

Concen: 49.206 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX045863.D

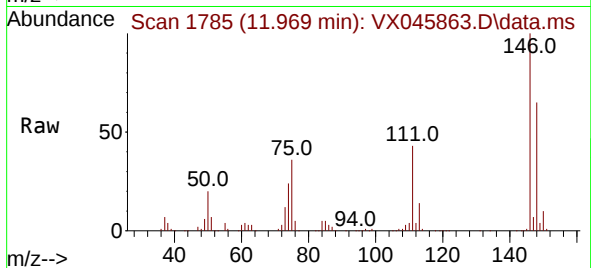
Acq: 18 Apr 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 104729

Ion Ratio Lower Upper

146 100

111 44.0 22.2 66.6

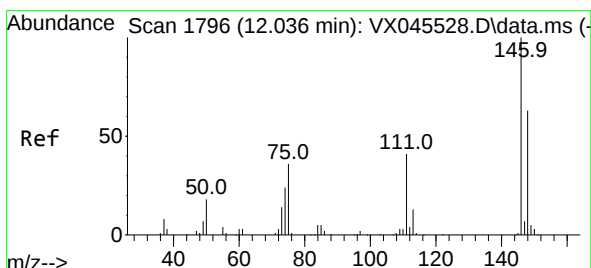
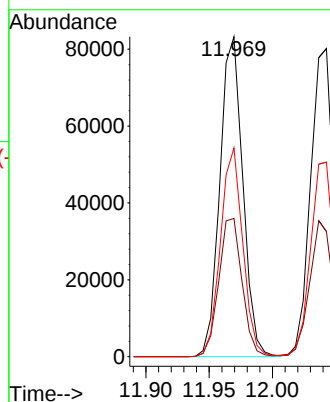
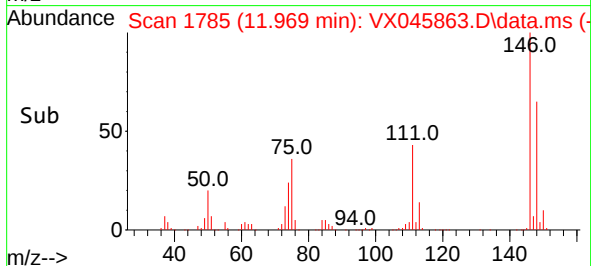
148 63.5 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#88

1,4-Dichlorobenzene

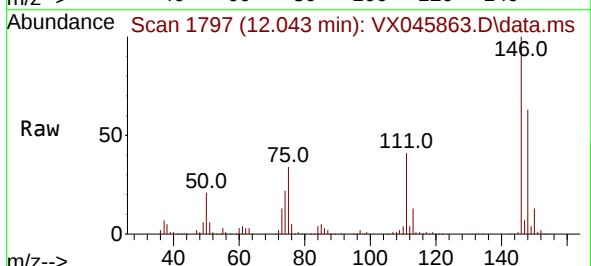
Concen: 47.860 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX045863.D

Acq: 18 Apr 2025 17:14



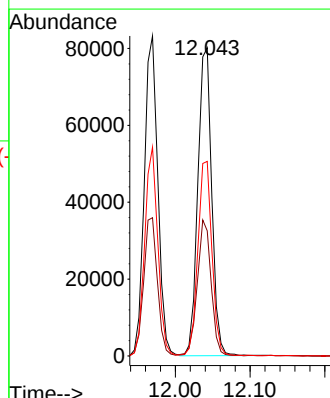
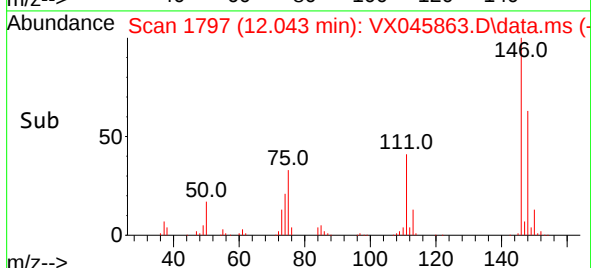
Tgt Ion:146 Resp: 103266

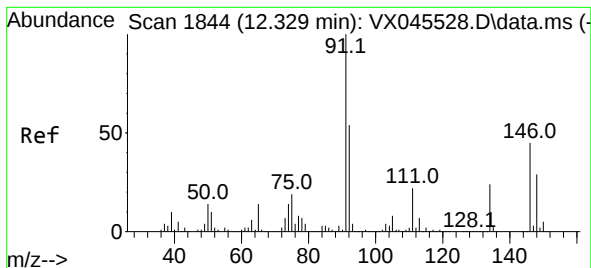
Ion Ratio Lower Upper

146 100

111 43.7 20.9 62.8

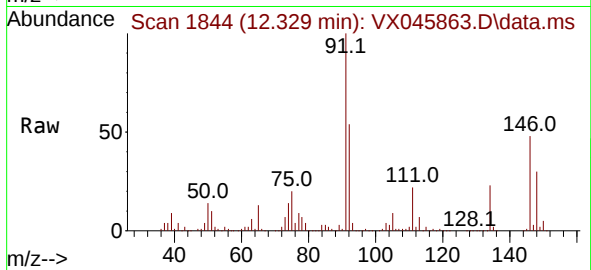
148 63.8 31.5 94.5





#89
n-Butylbenzene
Concen: 52.134 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

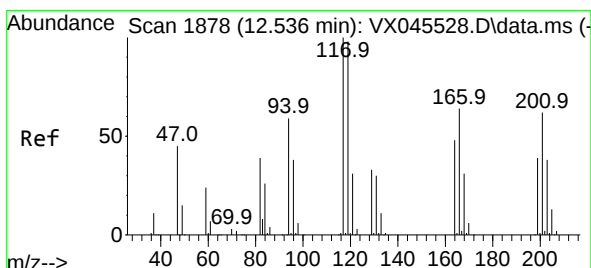
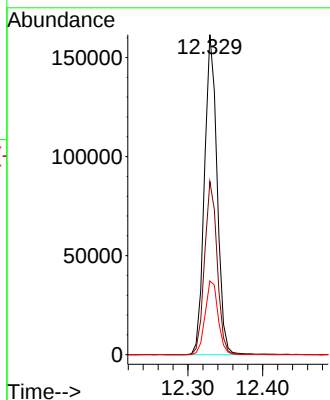
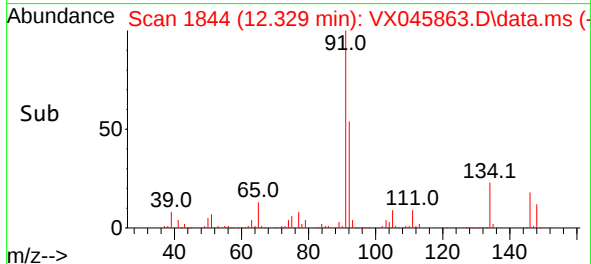
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 18964
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.6
134 23.8 11.9 35.7

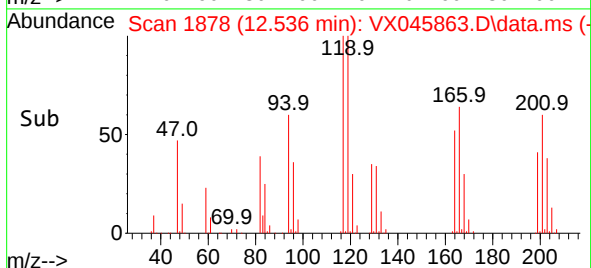
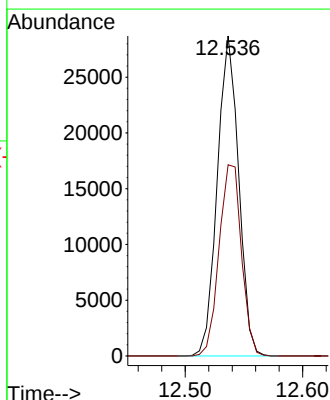
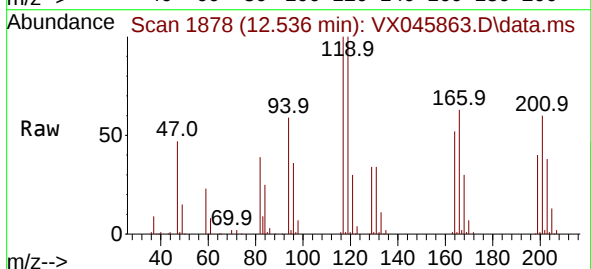
Manual Integrations
APPROVED

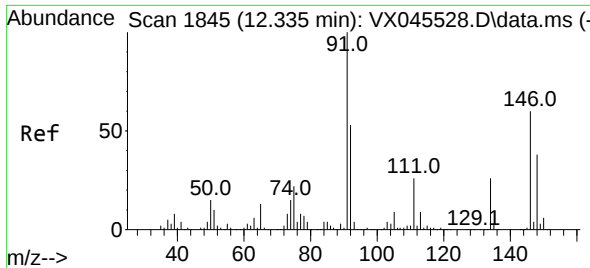
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025



#90
Hexachloroethane
Concen: 50.308 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

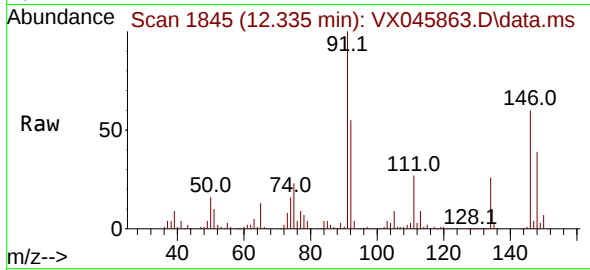
Tgt Ion:117 Resp: 36269
Ion Ratio Lower Upper
117 100
201 62.7 31.2 93.6





#91
1,2-Dichlorobenzene
Concen: 49.465 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14

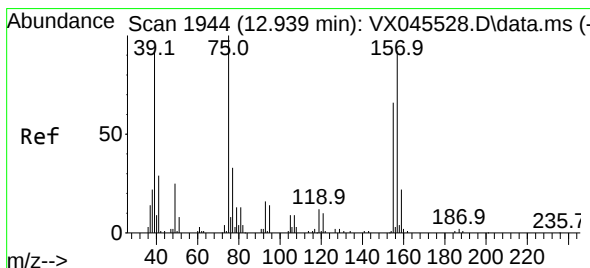
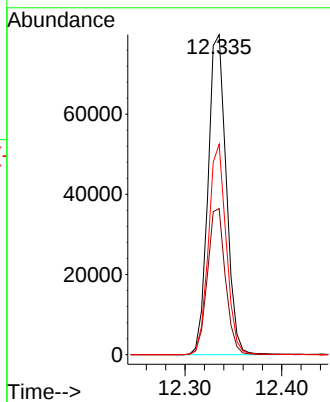
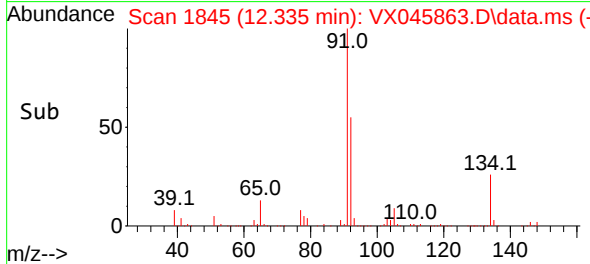
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



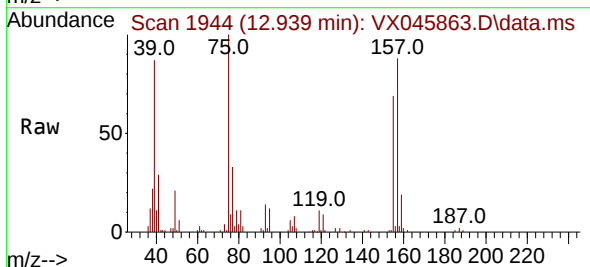
Tgt Ion:146 Resp: 10466
Ion Ratio Lower Upper
146 100
111 45.3 22.9 68.8
148 64.0 31.9 95.5

Manual Integrations
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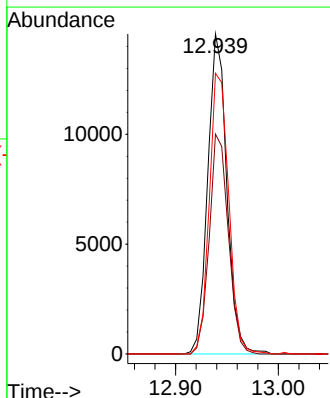
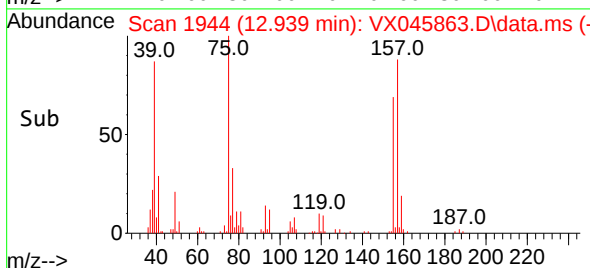
Reviewed By :John Carlone 04/21/2025
Supervised By :Mahesh Dadoda 04/21/2025

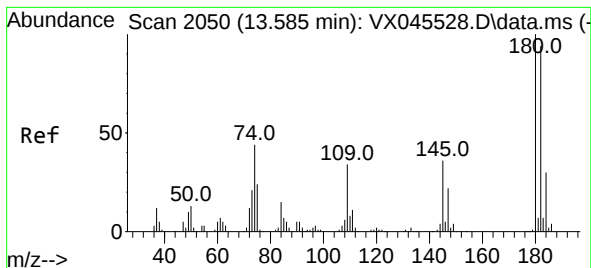


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.763 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX045863.D
Acq: 18 Apr 2025 17:14



Tgt Ion: 75 Resp: 18872
Ion Ratio Lower Upper
75 100
155 68.5 34.9 104.7
157 89.1 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.514 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX045863.D

Acq: 18 Apr 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

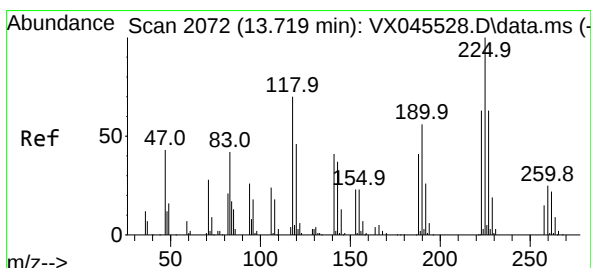
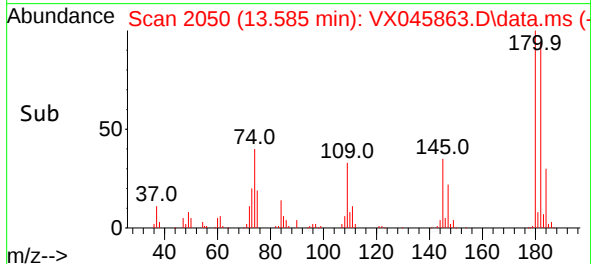
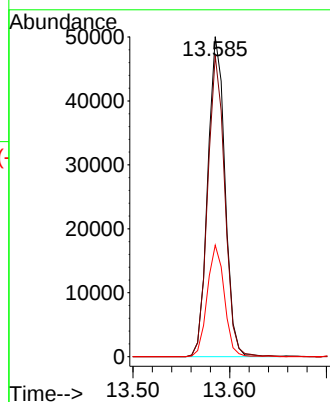
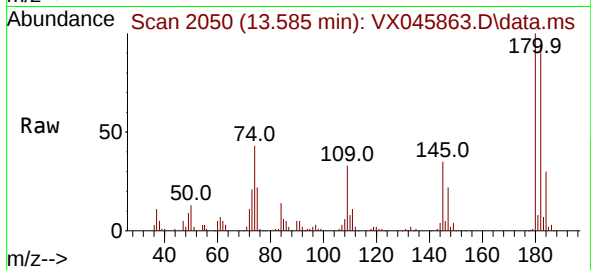
Tgt Ion:180	Resp: 6185
Ion Ratio	Lower Upper
180 100	
182 93.5	47.9 143.6
145 34.6	17.9 53.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#94

Hexachlorobutadiene

Concen: 47.328 ug/l

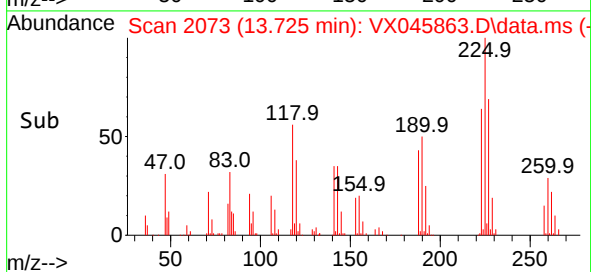
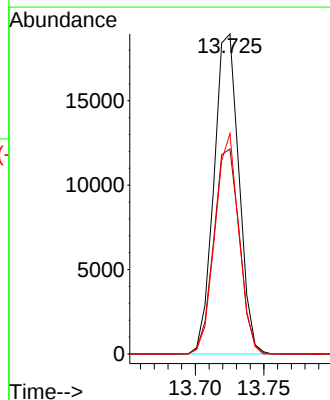
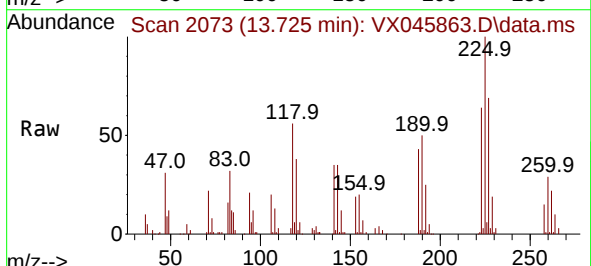
RT: 13.725 min Scan# 2073

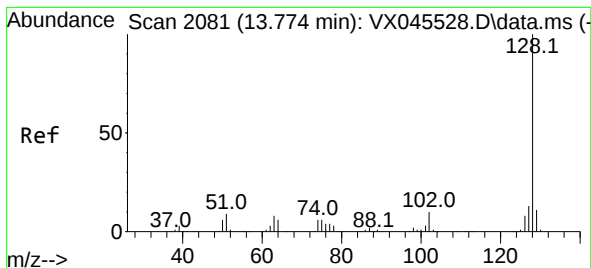
Delta R.T. 0.006 min

Lab File: VX045863.D

Acq: 18 Apr 2025 17:14

Tgt Ion:225	Resp: 24021
Ion Ratio	Lower Upper
225 100	
223 65.9	31.1 93.3
227 65.6	32.2 96.6





#95

Naphthalene

Concen: 52.158 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX045863.D

Acq: 18 Apr 2025 17:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:128 Resp: 22861

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

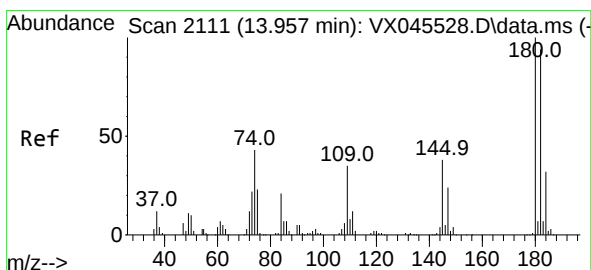
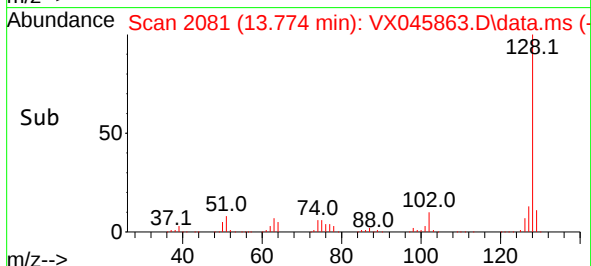
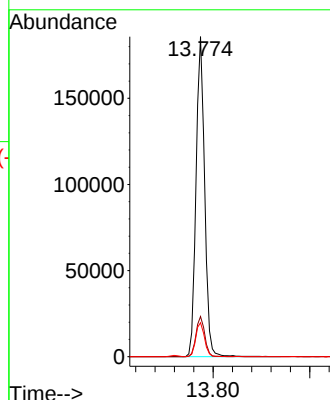
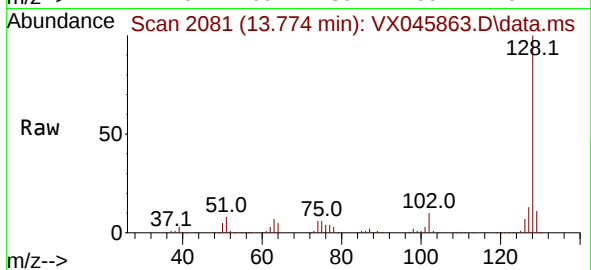
129 10.8 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2025

Supervised By :Mahesh Dadoda 04/21/2025



#96

1,2,3-Trichlorobenzene

Concen: 51.321 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX045863.D

Acq: 18 Apr 2025 17:14

Tgt Ion:180 Resp: 63296

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.8

145 36.7 18.2 54.6

