

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031325\
 Data File : VY021516.D
 Acq On : 13 Mar 2025 10:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 14 14:55:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	202933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	311585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	288548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	154472	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	120990	56.409	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.820%	
35) Dibromofluoromethane	7.634	113	112786	55.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.140%	
50) Toluene-d8	10.103	98	413740	53.353	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.700%	
62) 4-Bromofluorobenzene	12.408	95	145891	55.307	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.620%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	85194	45.748	ug/l	100
3) Chloromethane	2.068	50	136071	51.827	ug/l	100
4) Vinyl Chloride	2.202	62	157407	54.862	ug/l	96
5) Bromomethane	2.592	94	108959	52.544	ug/l	94
6) Chloroethane	2.732	64	113994	60.121	ug/l	94
7) Trichlorofluoromethane	3.056	101	214511	53.565	ug/l	98
8) Diethyl Ether	3.452	74	60840	54.820	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	113597	49.683	ug/l	99
10) Methyl Iodide	4.001	142	129221	55.598	ug/l	99
11) Tert butyl alcohol	4.860	59	40220	292.213	ug/l	100
12) 1,1-Dichloroethene	3.787	96	102981	49.402	ug/l	99
13) Acrolein	3.647	56	4546	41.669	ug/l	85
14) Allyl chloride	4.378	41	175098	51.977	ug/l	100
15) Acrylonitrile	5.055	53	139154	294.544	ug/l	99
16) Acetone	3.866	43	139726	298.676	ug/l	95
17) Carbon Disulfide	4.104	76	322690	49.395	ug/l	99
18) Methyl Acetate	4.385	43	71740	69.113	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	297681	56.342	ug/l	99
20) Methylene Chloride	4.616	84	122043	49.698	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	119645	51.250	ug/l	95
22) Diisopropyl ether	6.018	45	402866	55.491	ug/l	96
23) Vinyl Acetate	5.957	43	1173804	283.301	ug/l	100
24) 1,1-Dichloroethane	5.915	63	226621	52.889	ug/l	98
25) 2-Butanone	6.890	43	193179	298.515	ug/l	99
26) 2,2-Dichloropropane	6.884	77	195235	49.520	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	142203	53.619	ug/l	99
28) Bromochloromethane	7.244	49	90992	50.653	ug/l	99
29) Tetrahydrofuran	7.262	42	122004	305.386	ug/l	99
30) Chloroform	7.415	83	241406	54.256	ug/l	97
31) Cyclohexane	7.695	56	189607	47.201	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	212181	52.082	ug/l	99
36) 1,1-Dichloropropene	7.835	75	166636	51.978	ug/l	99
37) Ethyl Acetate	6.982	43	86451	61.011	ug/l	97
38) Carbon Tetrachloride	7.817	117	190903	51.777	ug/l	97
39) Methylcyclohexane	9.103	83	198260	50.417	ug/l	99
40) Benzene	8.079	78	504344	53.404	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	46122	59.779	ug/l #	94
42) 1,2-Dichloroethane	8.152	62	149333	56.523	ug/l	100
43) Isopropyl Acetate	8.195	43	162340	59.018	ug/l #	89
44) Trichloroethene	8.859	130	125768	52.701	ug/l	96
45) 1,2-Dichloropropane	9.140	63	124017	55.176	ug/l	98
46) Dibromomethane	9.231	93	72478	57.954	ug/l	99
47) Bromodichloromethane	9.420	83	187512	56.459	ug/l	99
48) Methyl methacrylate	9.219	41	77107	61.046	ug/l	100
49) 1,4-Dioxane	9.225	88	16544	1347.757	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	448790	316.212	ug/l	99
52) Toluene	10.170	92	325439	54.659	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	169032	57.767	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	194644	56.028	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	96699	59.110	ug/l	98
56) Ethyl methacrylate	10.438	69	130188	62.399	ug/l	99
57) 1,3-Dichloropropane	10.719	76	164468	58.006	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	297839	309.241	ug/l	99
59) 2-Hexanone	10.761	43	307324	327.478	ug/l	100
60) Dibromochloromethane	10.914	129	128876	57.463	ug/l	99
61) 1,2-Dibromoethane	11.011	107	88972	57.625	ug/l	100
64) Tetrachloroethene	10.646	164	136018	57.970	ug/l	99
65) Chlorobenzene	11.438	112	351704	51.615	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	127877	53.082	ug/l	100
67) Ethyl Benzene	11.517	91	621851	51.995	ug/l	99
68) m/p-Xylenes	11.627	106	480269	105.773	ug/l	99
69) o-Xylene	11.956	106	223795	53.479	ug/l	99
70) Styrene	11.969	104	388175	55.915	ug/l	99
71) Bromoform	12.133	173	77304	57.403	ug/l #	99
73) Isopropylbenzene	12.255	105	600464	49.347	ug/l	100
74) N-amyl acetate	12.072	43	149611	56.615	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	109969	51.213	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	83268m	53.494	ug/l	
77) Bromobenzene	12.529	156	142295	49.985	ug/l	100
78) n-propylbenzene	12.597	91	731634	49.509	ug/l	100
79) 2-Chlorotoluene	12.682	91	420644	49.781	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	497679	50.329	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	35490	51.831	ug/l	96
82) 4-Chlorotoluene	12.779	91	439942	50.279	ug/l	100
83) tert-Butylbenzene	12.999	119	441150	50.008	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	502842	51.215	ug/l	99
85) sec-Butylbenzene	13.176	105	646559	49.261	ug/l	99
86) p-Isopropyltoluene	13.292	119	547718	50.653	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	284184	50.151	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	280265	50.573	ug/l	99
89) n-Butylbenzene	13.615	91	511203	51.198	ug/l	100
90) Hexachloroethane	13.883	117	112606	48.815	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	252105	51.908	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17547	54.553	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	147054	55.434	ug/l	99
94) Hexachlorobutadiene	15.023	225	86645	52.106	ug/l	99
95) Naphthalene	15.145	128	257694	56.552	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	128067	57.401	ug/l	99

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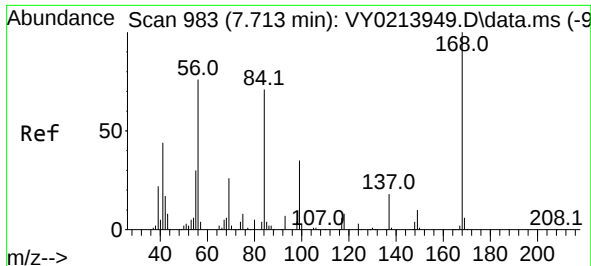
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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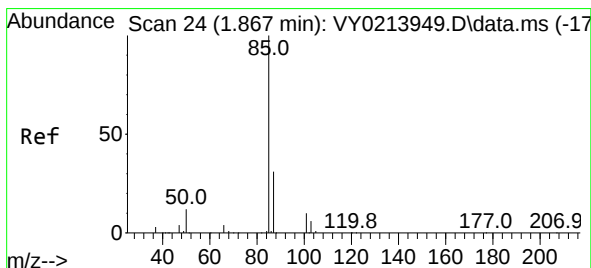
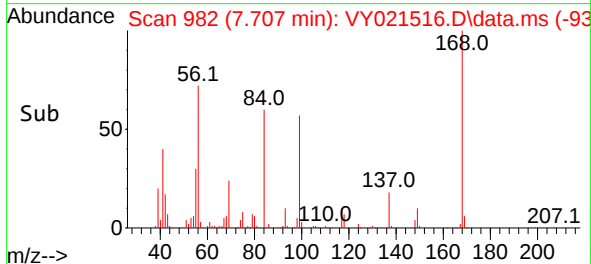
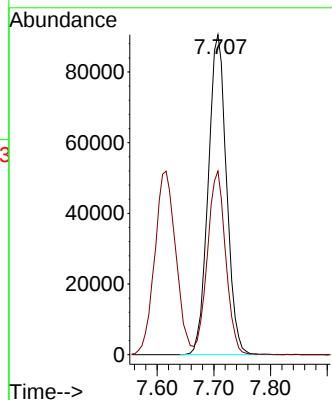
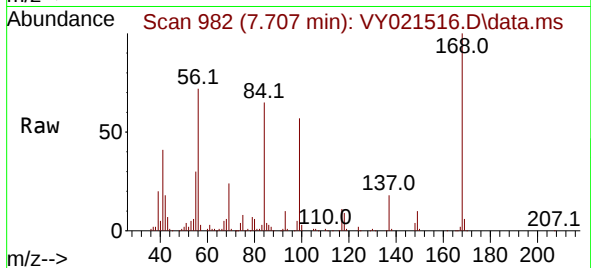




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021516.D
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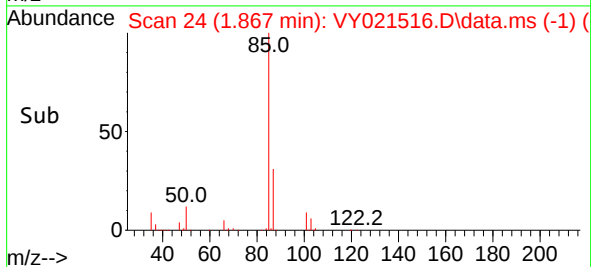
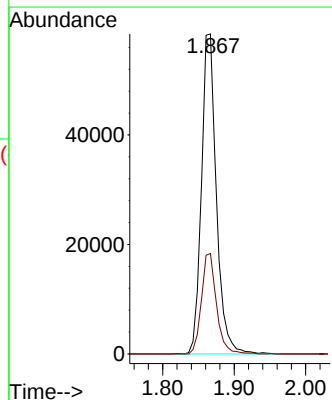
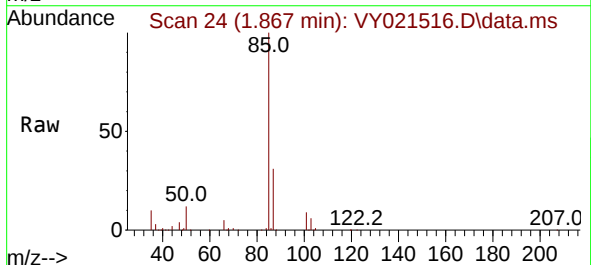
Instrument :
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ClientSampleId :
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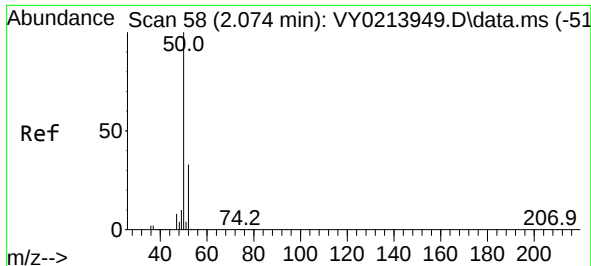
Tgt Ion:168 Resp: 202933
Ion Ratio Lower Upper
168 100
99 57.3 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 45.748 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 85 Resp: 85194
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.0

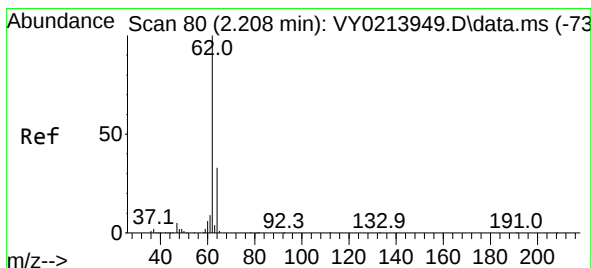
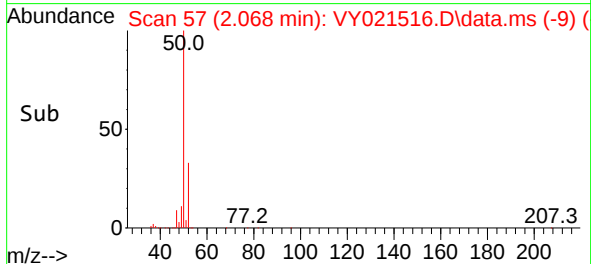
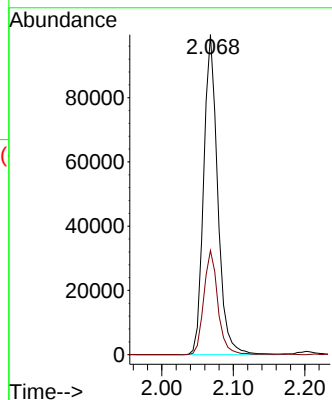
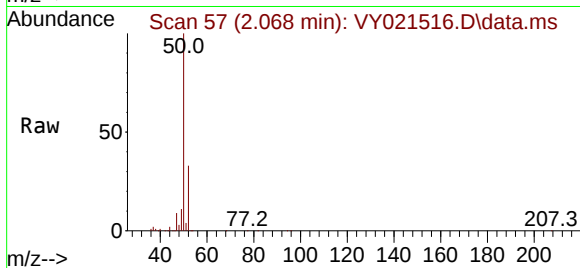




#3
Chloromethane
Concen: 51.827 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

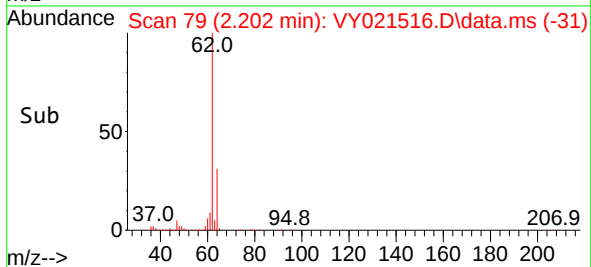
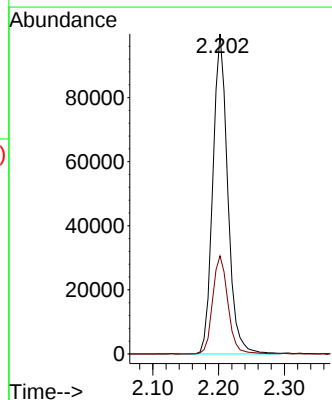
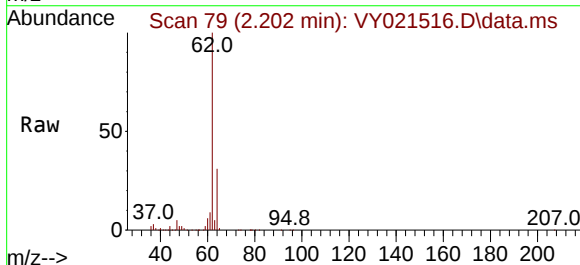
Instrument :
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ClientSampleId :
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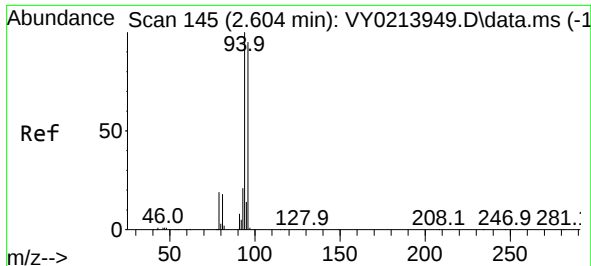
Tgt Ion: 50 Resp: 136071
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.2



#4
Vinyl Chloride
Concen: 54.862 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 62 Resp: 157407
Ion Ratio Lower Upper
62 100
64 30.7 26.2 39.2

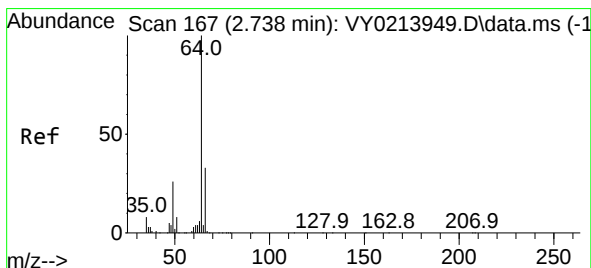
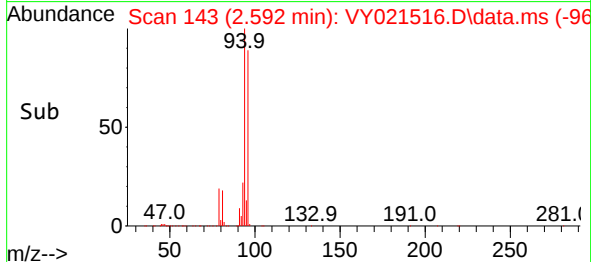
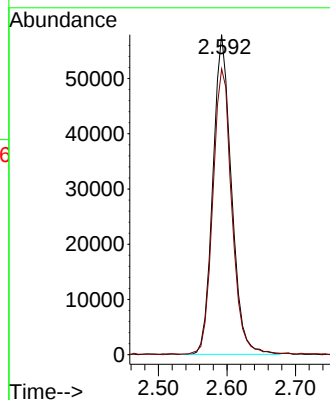
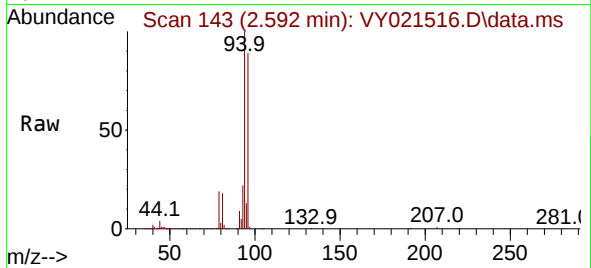




#5
Bromomethane
Concen: 52.544 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

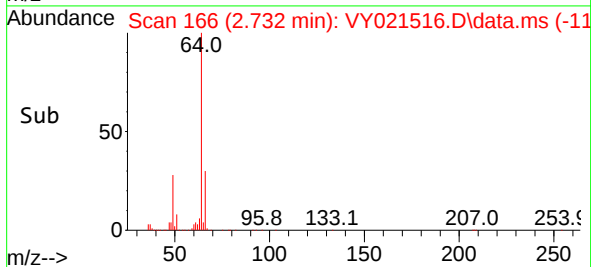
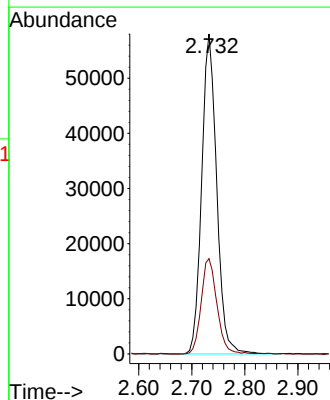
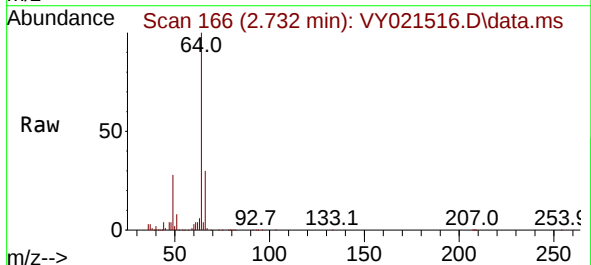
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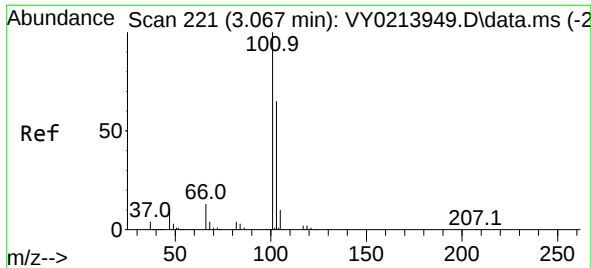
Tgt Ion: 94 Resp: 108959
Ion Ratio Lower Upper
94 100
96 89.2 76.3 114.5



#6
Chloroethane
Concen: 60.121 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 64 Resp: 113994
Ion Ratio Lower Upper
64 100
66 29.8 26.7 40.1

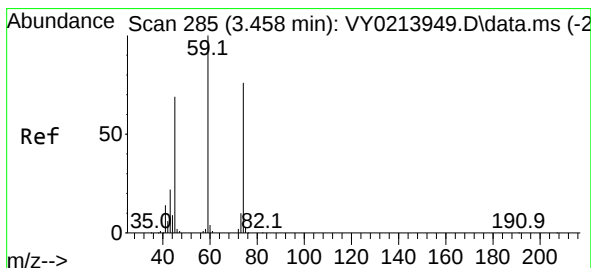
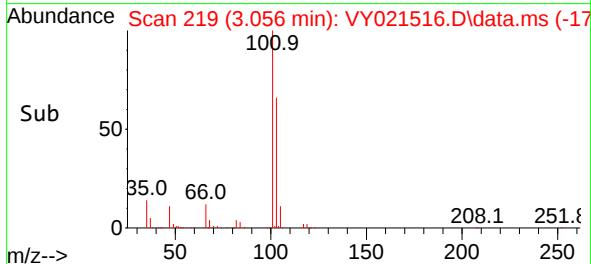
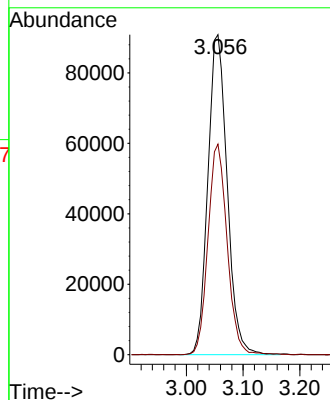
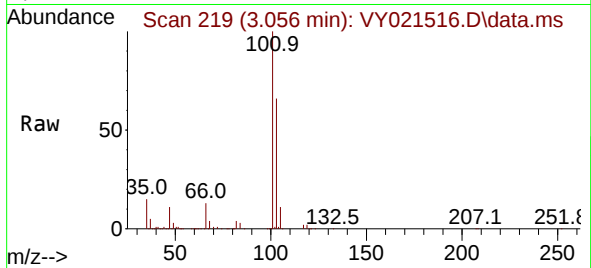




#7
 Trichlorofluoromethane
 Concen: 53.565 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

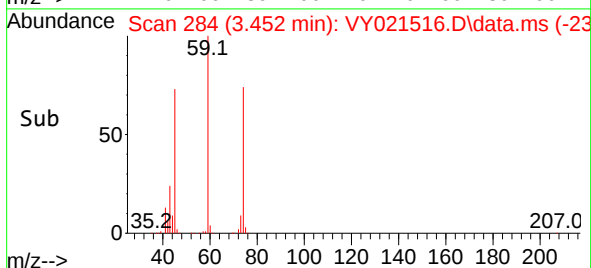
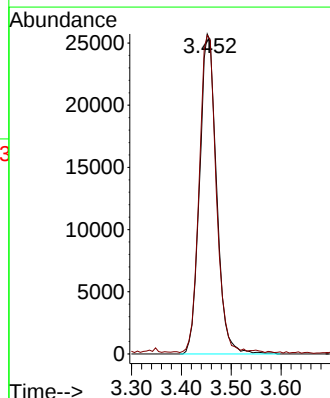
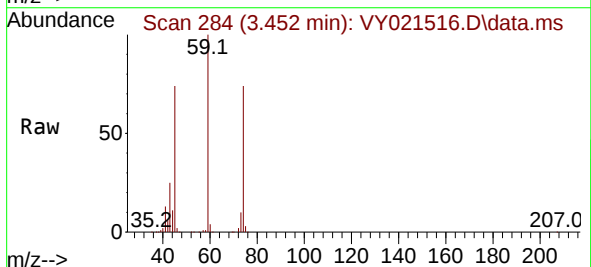
Instrument :
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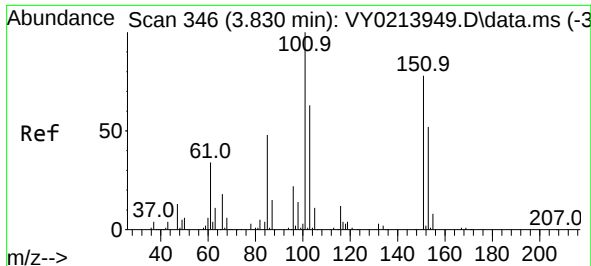
Tgt Ion:101 Resp: 214511
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.7 77.5



#8
 Diethyl Ether
 Concen: 54.820 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

Tgt Ion: 74 Resp: 60840
 Ion Ratio Lower Upper
 74 100
 45 98.9 49.7 149.1

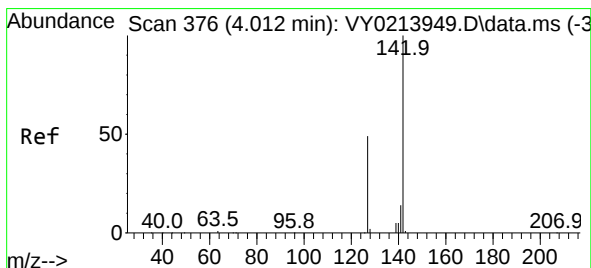
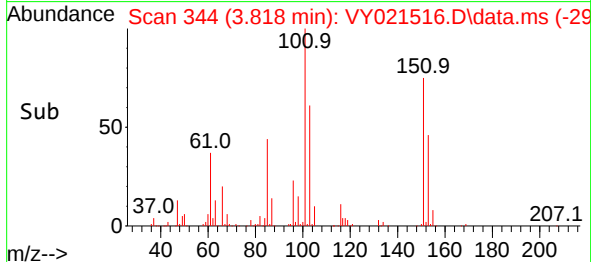
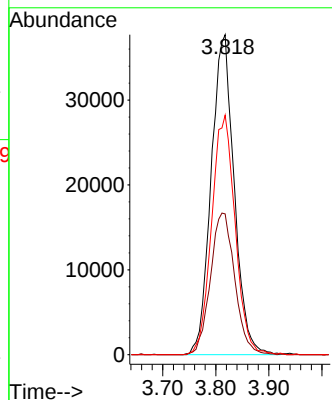
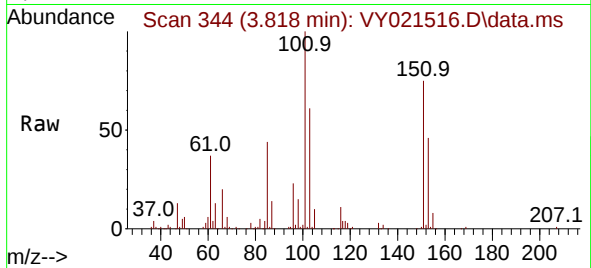




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.683 ug/l
RT: 3.818 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

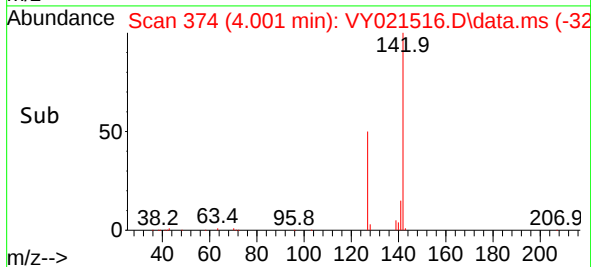
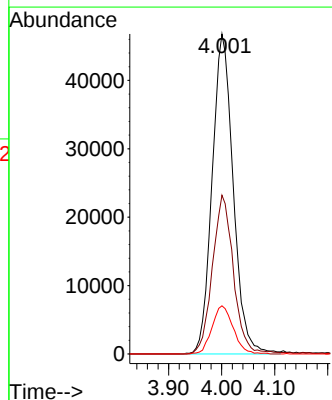
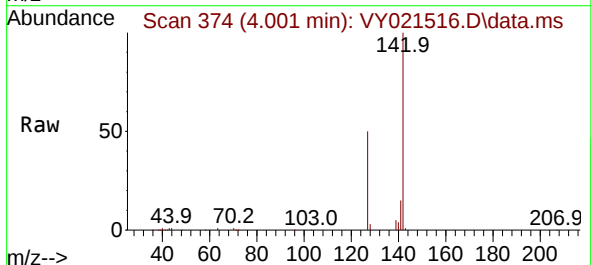
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

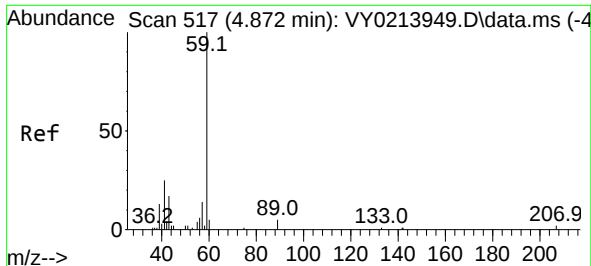
Tgt Ion:101 Resp: 113597
Ion Ratio Lower Upper
101 100
85 46.8 37.1 55.7
151 76.6 62.1 93.1



#10
Methyl Iodide
Concen: 55.598 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.012 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion:142 Resp: 129221
Ion Ratio Lower Upper
142 100
127 49.8 39.1 58.7
141 15.2 11.8 17.6

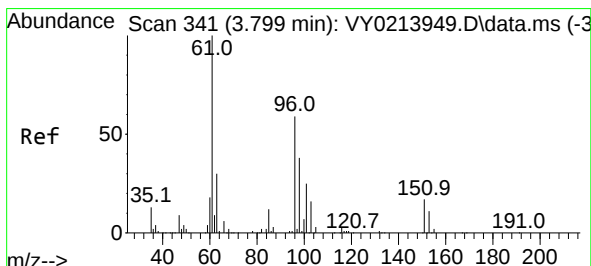
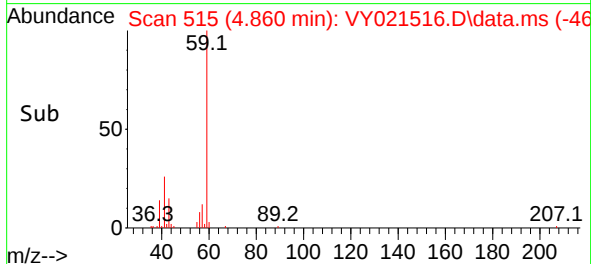
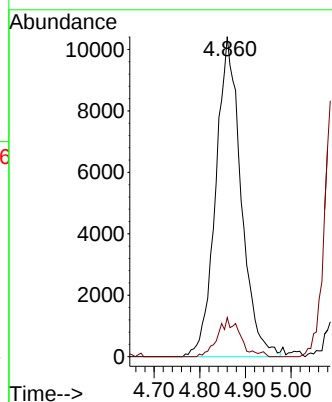
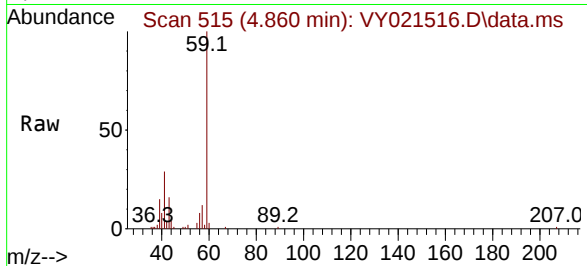




#11
Tert butyl alcohol
Concen: 292.213 ug/l
RT: 4.860 min Scan# 517
Delta R.T. -0.012 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

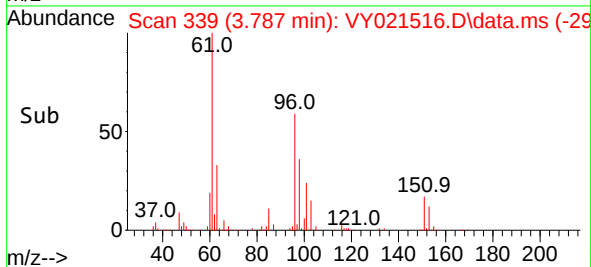
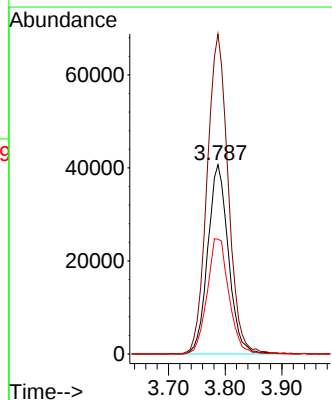
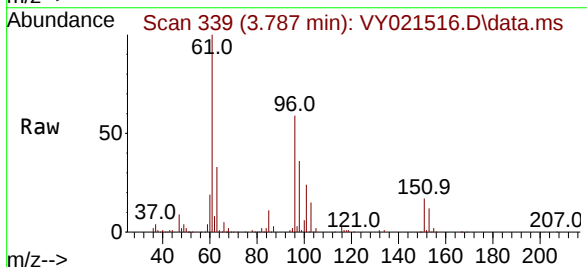
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

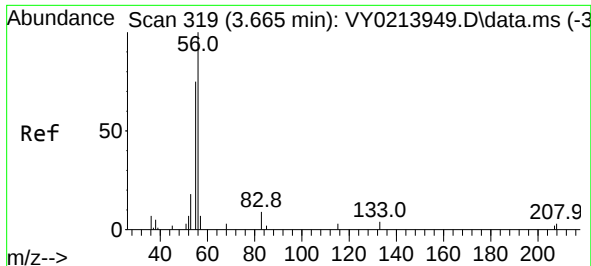
Tgt Ion: 59 Resp: 40220
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4



#12
1,1-Dichloroethene
Concen: 49.402 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 96 Resp: 102981
Ion Ratio Lower Upper
96 100
61 169.0 135.2 202.8
98 60.6 51.4 77.2

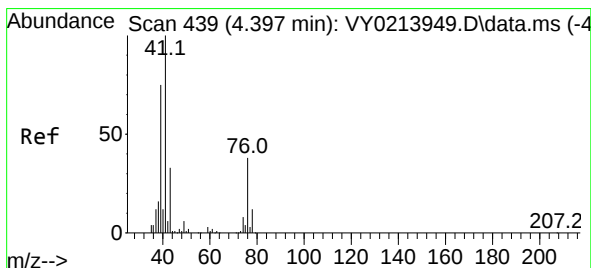
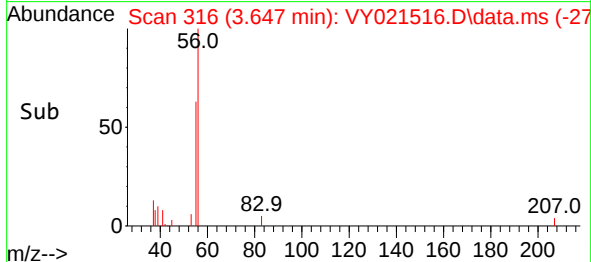
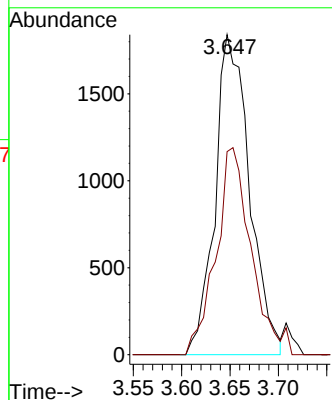
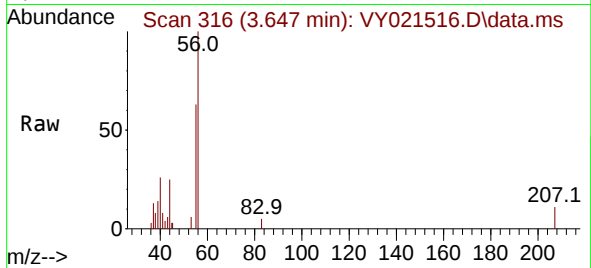




#13
Acrolein
Concen: 41.669 ug/l
RT: 3.647 min Scan# 319
Delta R.T. -0.018 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

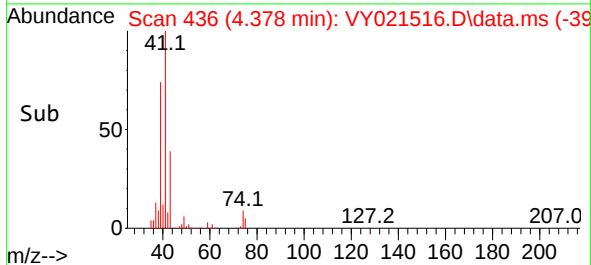
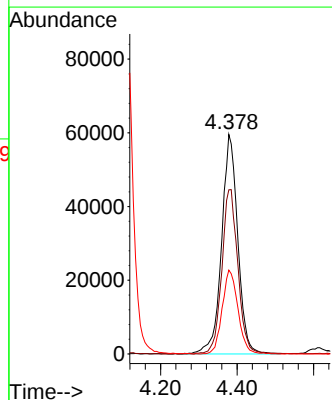
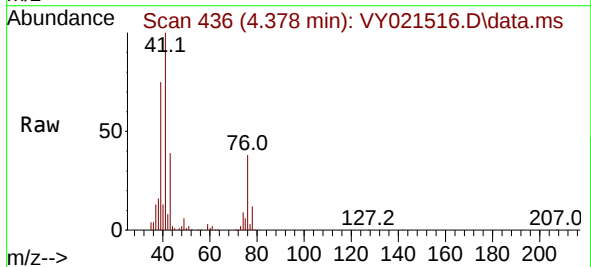
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

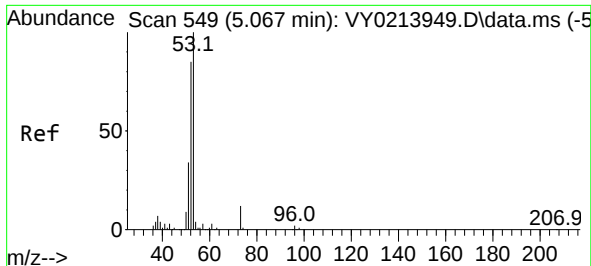
Tgt Ion: 56 Resp: 4546
Ion Ratio Lower Upper
56 100
55 66.1 63.4 95.2



#14
Allyl chloride
Concen: 51.977 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.018 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 41 Resp: 175098
Ion Ratio Lower Upper
41 100
39 74.4 59.3 88.9
76 37.2 29.8 44.8

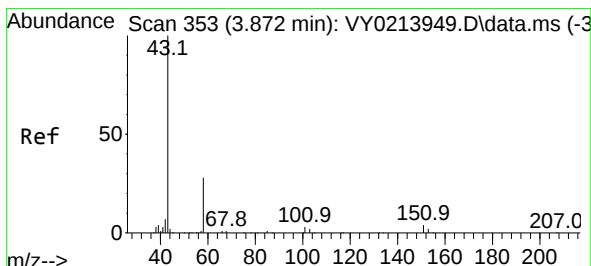
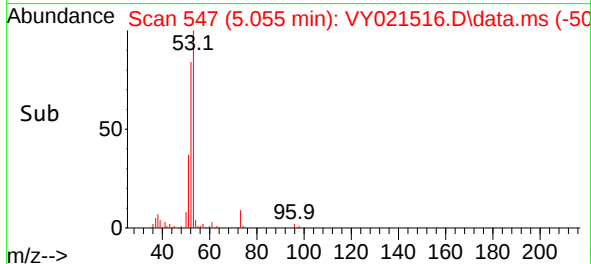
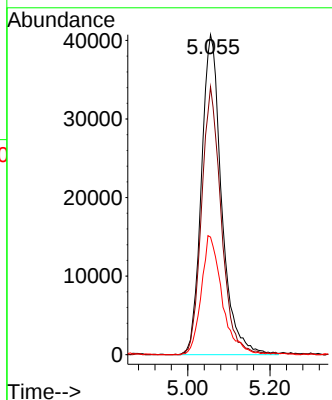
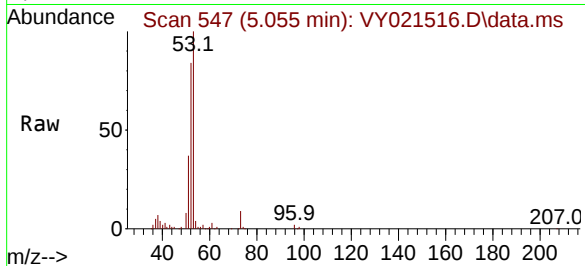




#15
Acrylonitrile
Concen: 294.544 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

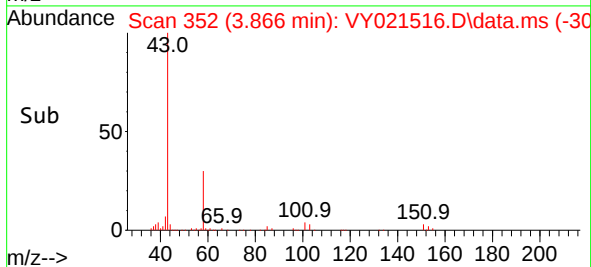
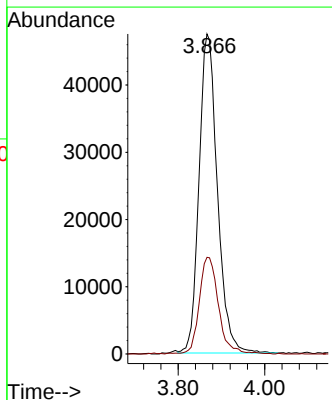
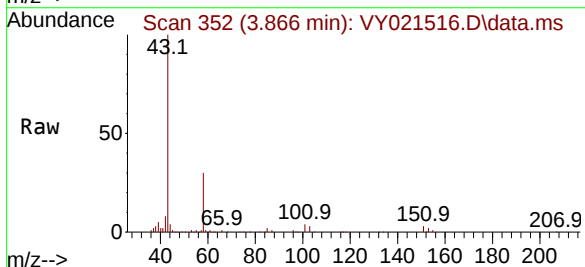
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

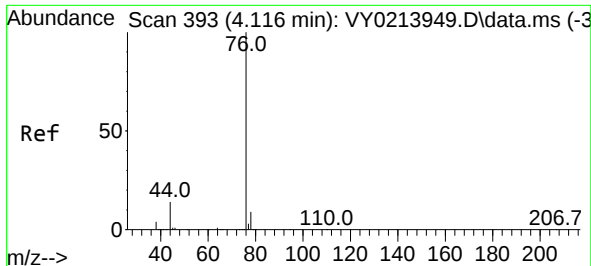
Tgt Ion: 53 Resp: 139154
Ion Ratio Lower Upper
53 100
52 81.4 66.3 99.5
51 38.3 30.3 45.5



#16
Acetone
Concen: 298.676 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 43 Resp: 139726
Ion Ratio Lower Upper
43 100
58 30.1 22.1 33.1

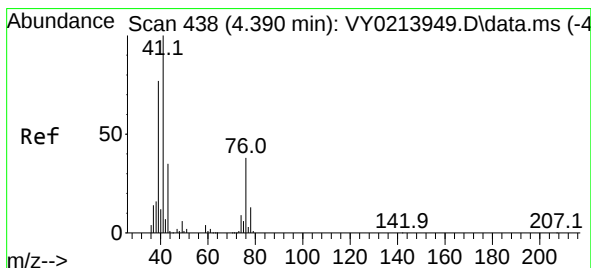
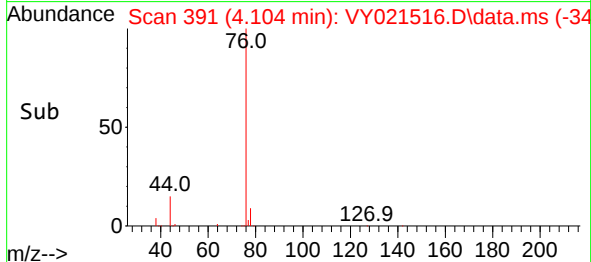
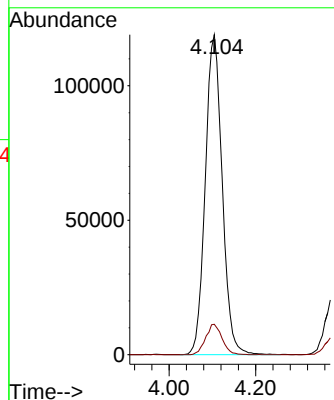
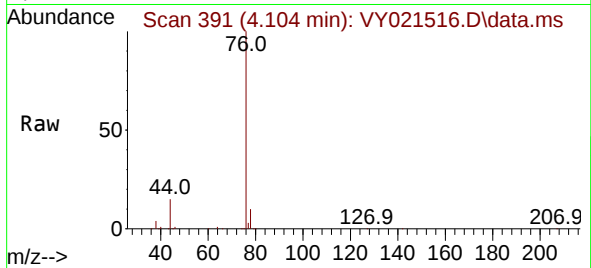




#17
Carbon Disulfide
Concen: 49.395 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

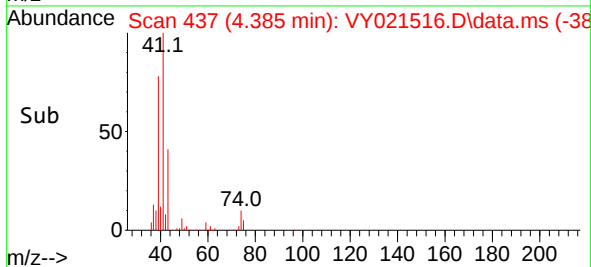
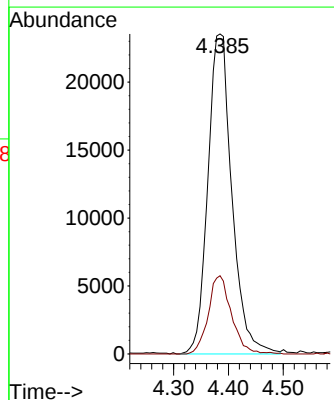
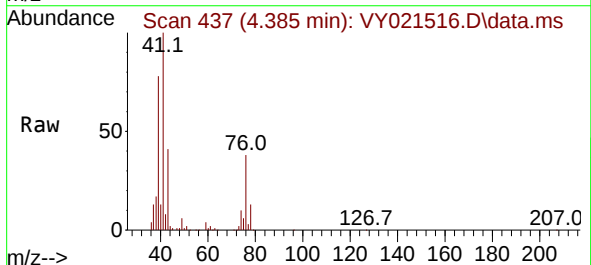
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

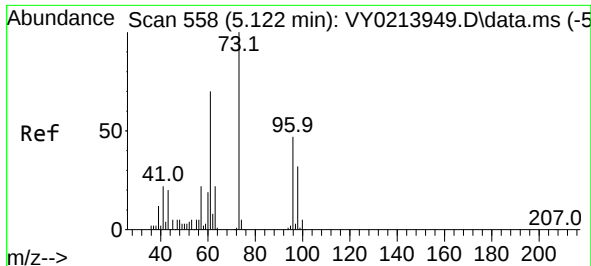
Tgt Ion: 76 Resp: 322690
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 69.113 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 43 Resp: 71740
Ion Ratio Lower Upper
43 100
74 23.6 19.4 29.0

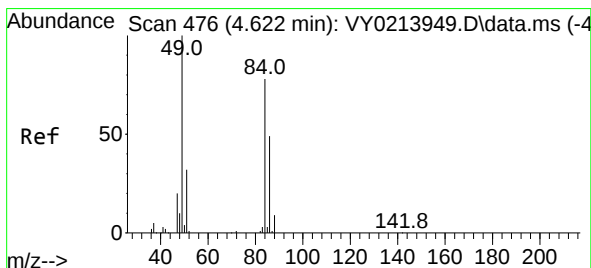
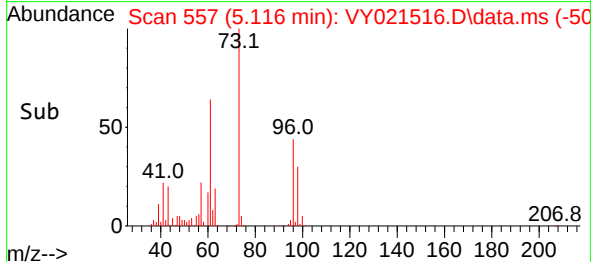
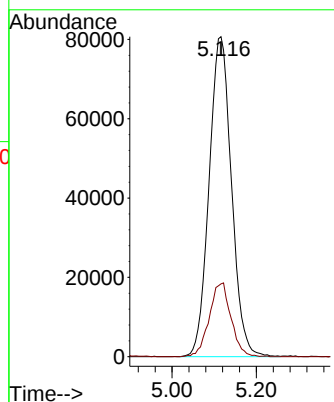
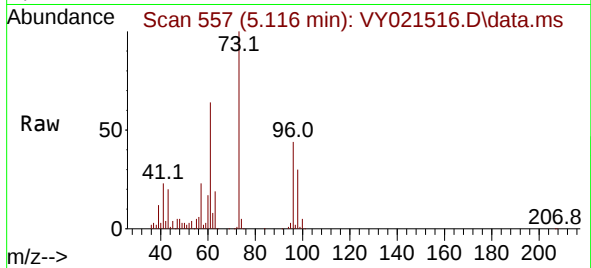




#19
Methyl tert-butyl Ether
Concen: 56.342 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

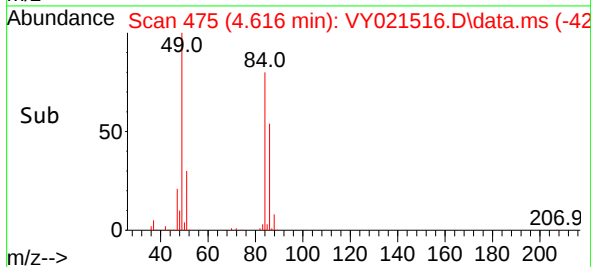
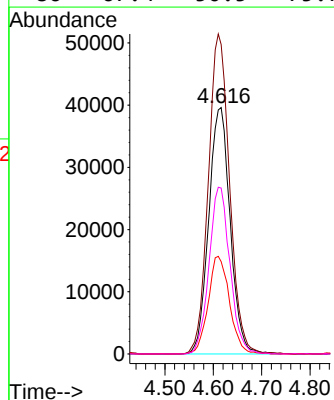
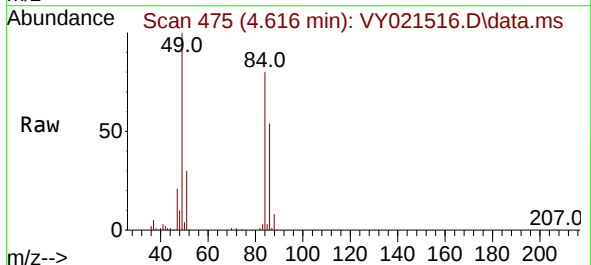
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

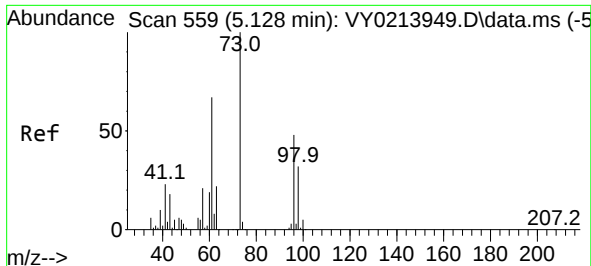
Tgt Ion: 73 Resp: 297681
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9



#20
Methylene Chloride
Concen: 49.698 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 84 Resp: 122043
Ion Ratio Lower Upper
84 100
49 125.5 102.0 153.0
51 37.5 33.0 49.6
86 67.4 50.5 75.7

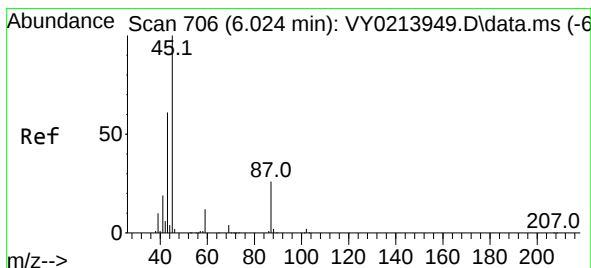
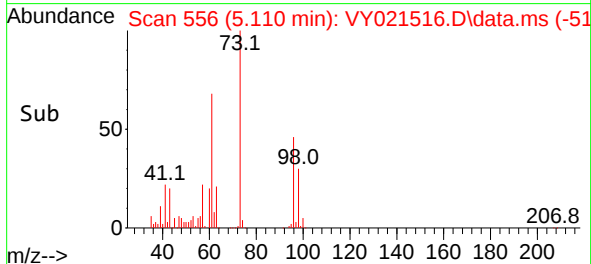
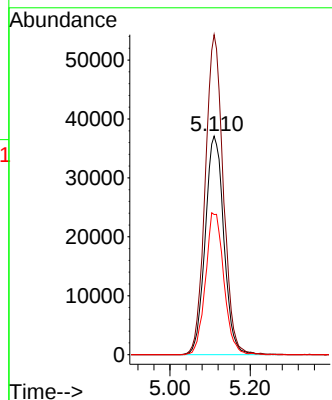
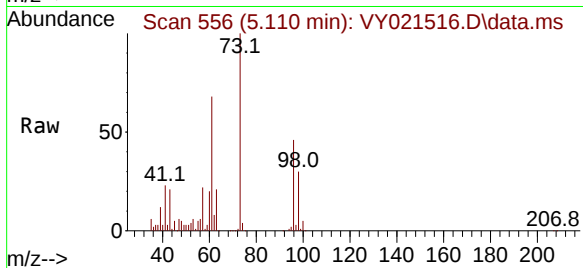




#21
trans-1,2-Dichloroethene
Concen: 51.250 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

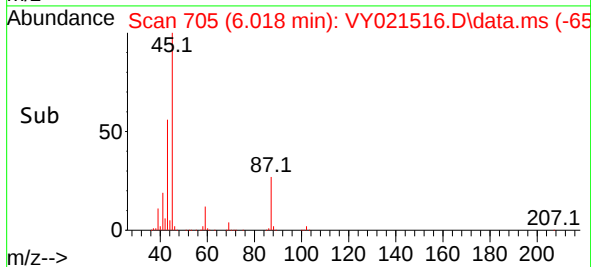
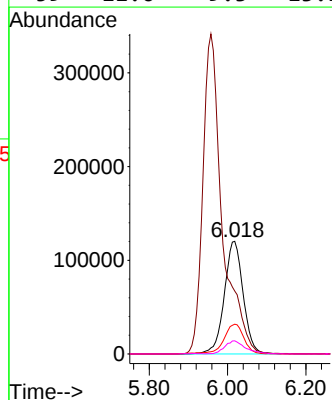
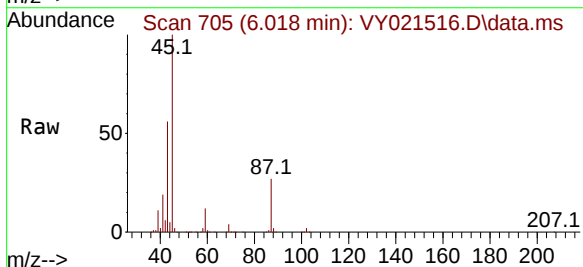
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

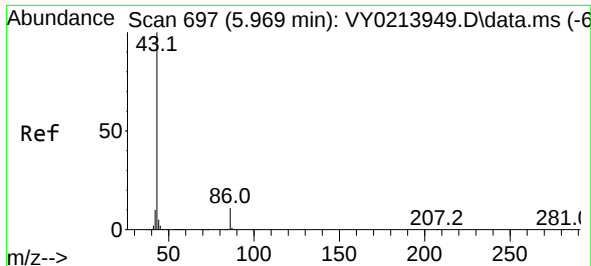
Tgt Ion: 96 Resp: 119645
Ion Ratio Lower Upper
96 100
61 146.5 111.5 167.3
98 64.2 53.8 80.8



#22
Diisopropyl ether
Concen: 55.491 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 45 Resp: 402866
Ion Ratio Lower Upper
45 100
43 55.8 48.7 73.1
87 26.5 21.5 32.3
59 11.6 9.3 13.9

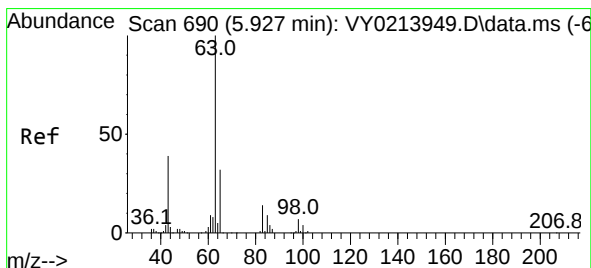
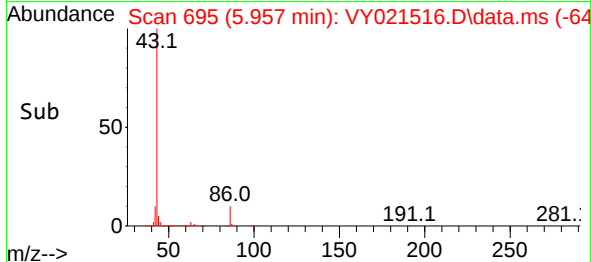
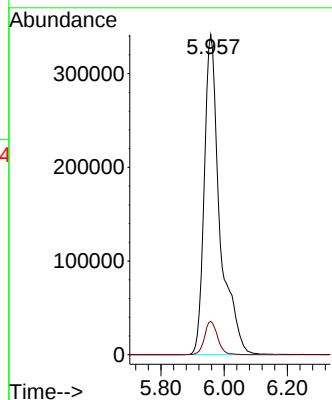
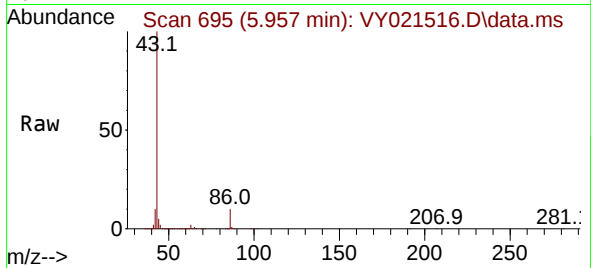




#23
 Vinyl Acetate
 Concen: 283.301 ug/l
 RT: 5.957 min Scan# 697
 Delta R.T. -0.012 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

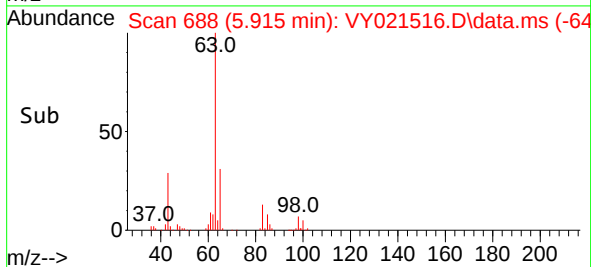
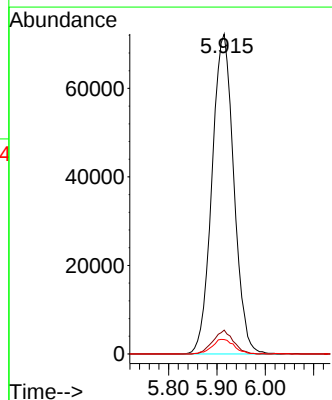
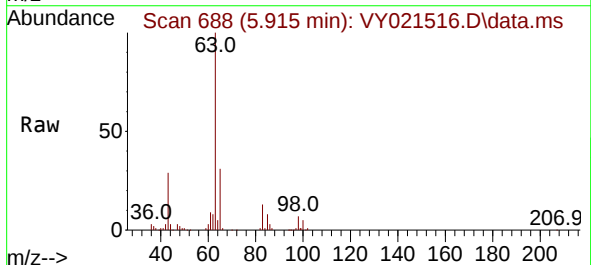
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

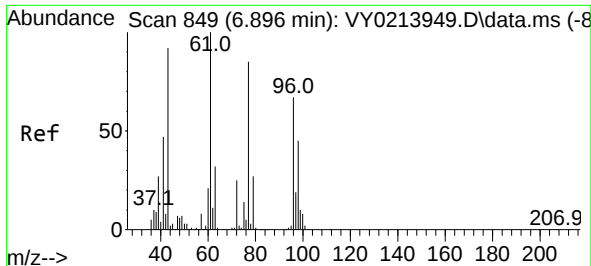
Tgt Ion: 43 Resp: 1173804
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 52.889 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

Tgt Ion: 63 Resp: 226621
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.9
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 298.515 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

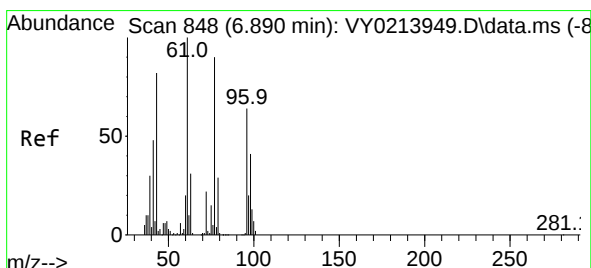
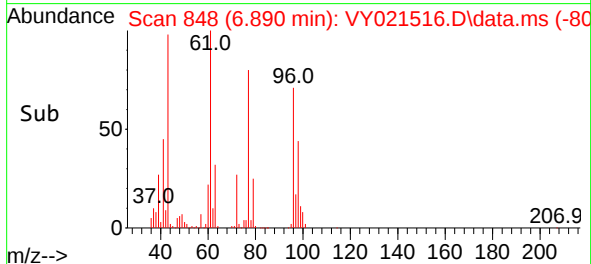
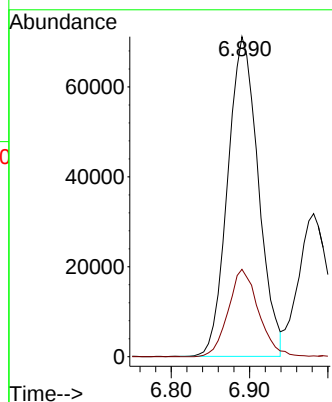
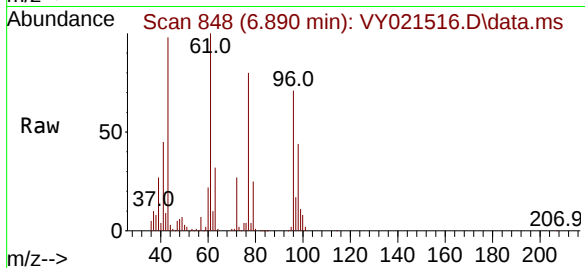
VSTDCCC050

Tgt Ion: 43 Resp: 193179

Ion Ratio Lower Upper

43 100

72 27.3 21.4 32.0



#26

2,2-Dichloropropane

Concen: 49.520 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY021516.D

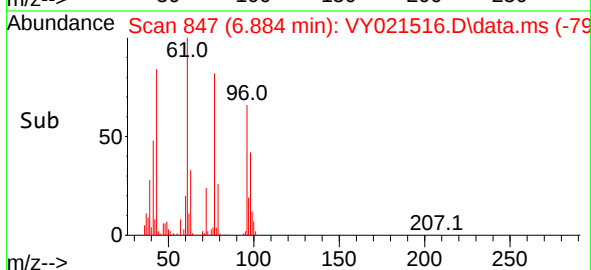
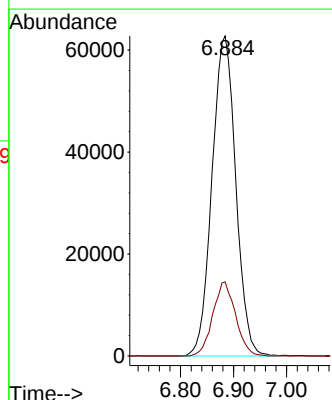
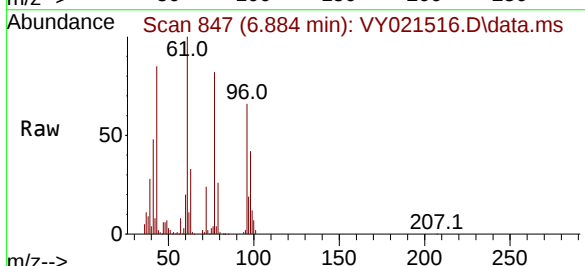
Acq: 13 Mar 2025 10:31

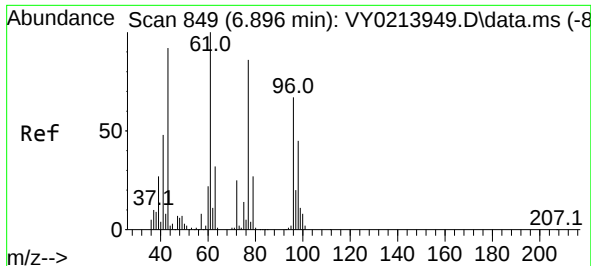
Tgt Ion: 77 Resp: 195235

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8



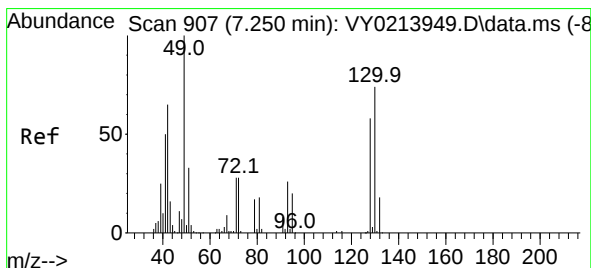
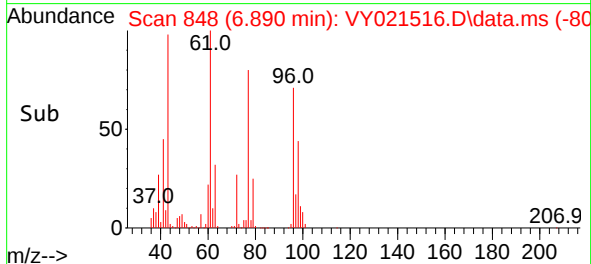
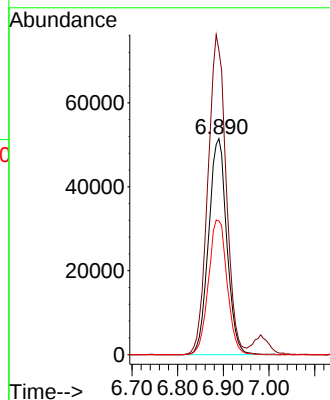
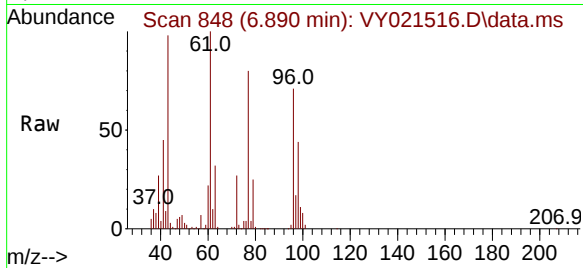


#27
 cis-1,2-Dichloroethene
 Concen: 53.619 ug/l
 RT: 6.890 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 142203

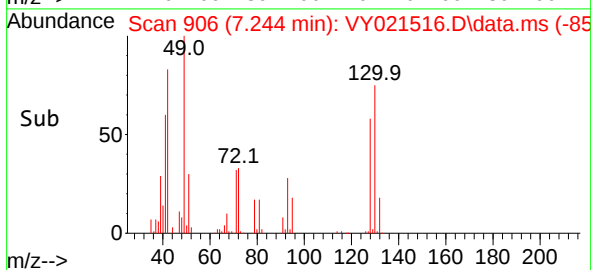
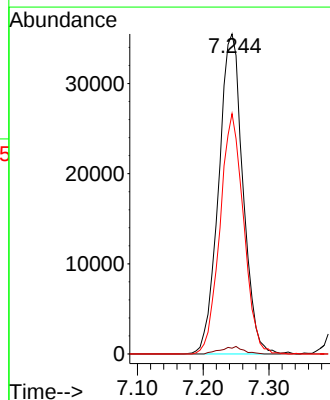
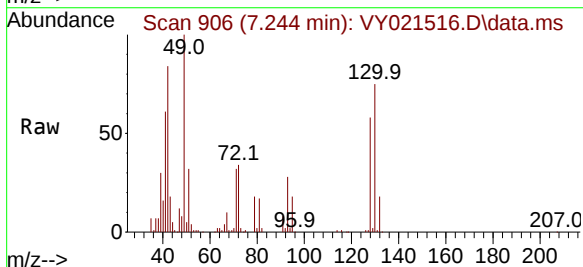
Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	300.8
98	64.0	0.0	130.0

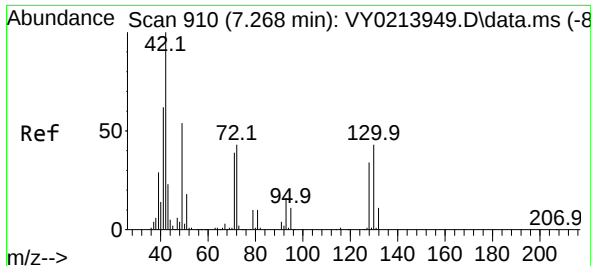


#28
 Bromochloromethane
 Concen: 50.653 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

Tgt Ion: 49 Resp: 90992

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	73.2	59.6	89.4





#29

Tetrahydrofuran

Concen: 305.386 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

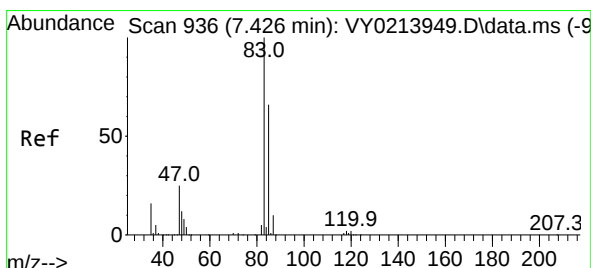
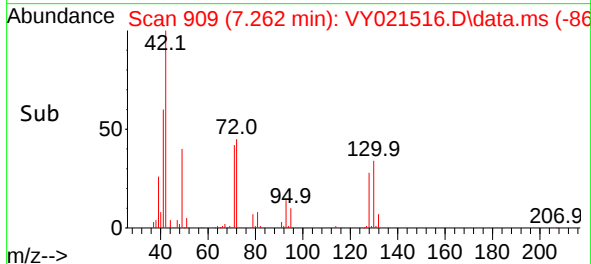
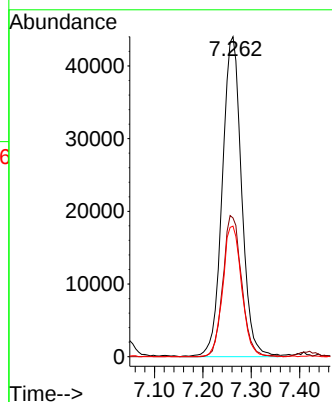
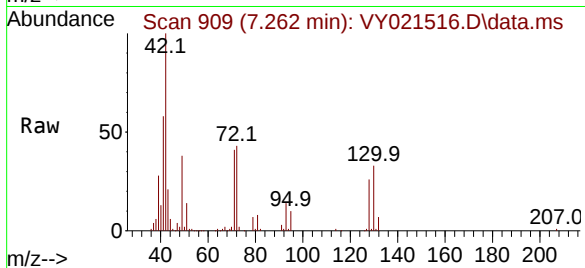
Tgt Ion: 42 Resp: 122004

Ion Ratio Lower Upper

42 100

72 42.7 34.8 52.2

71 40.0 32.6 48.8



#30

Chloroform

Concen: 54.256 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY021516.D

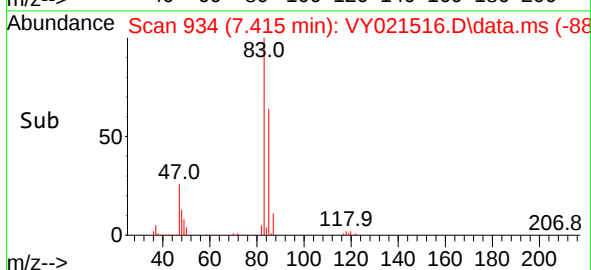
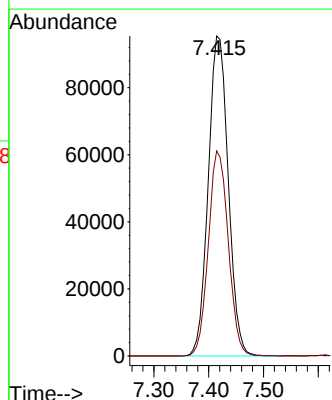
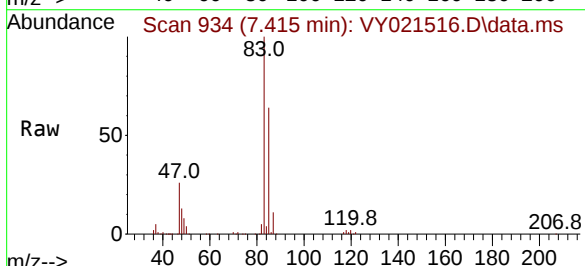
Acq: 13 Mar 2025 10:31

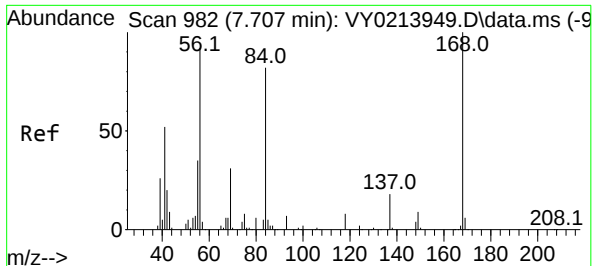
Tgt Ion: 83 Resp: 241406

Ion Ratio Lower Upper

83 100

85 64.1 53.1 79.7

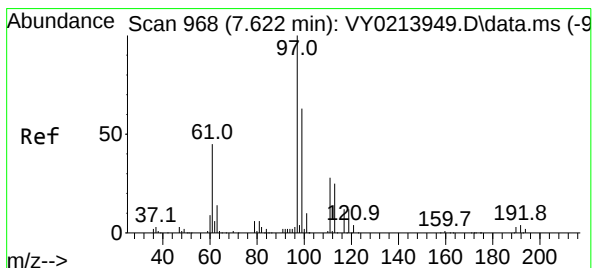
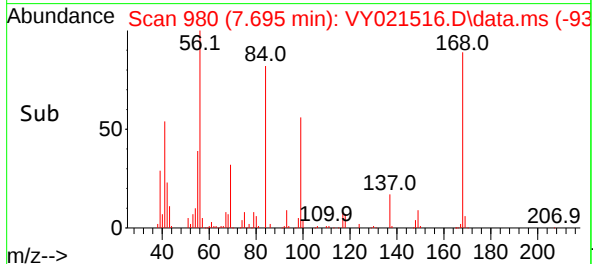
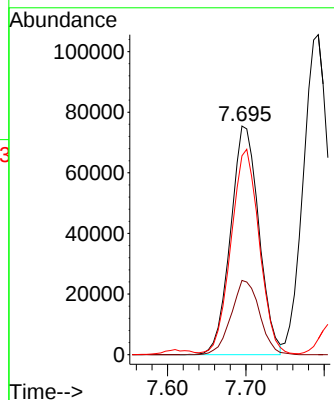
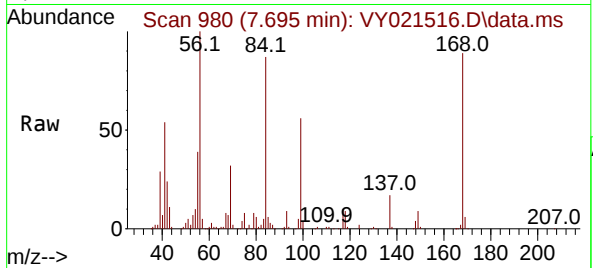




#31
Cyclohexane
Concen: 47.201 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

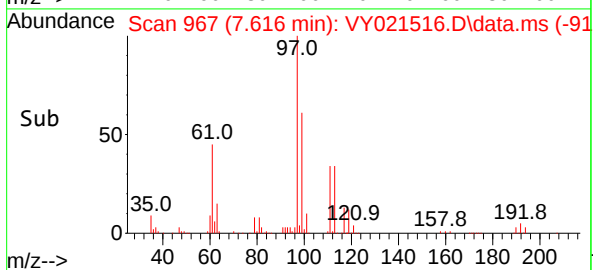
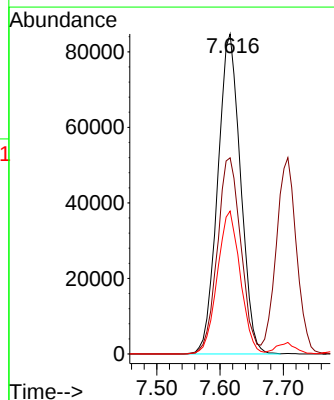
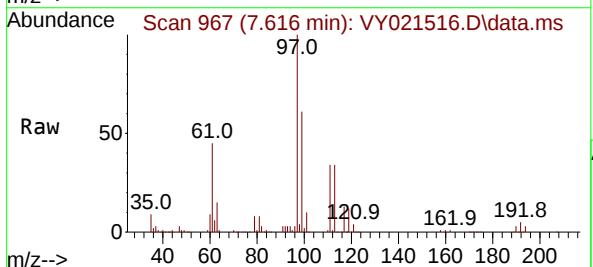
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

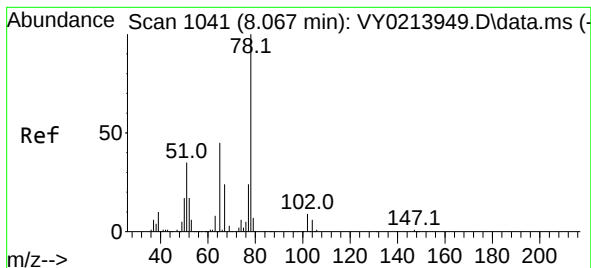
Tgt Ion: 56 Resp: 189607
Ion Ratio Lower Upper
56 100
69 32.5 27.0 40.4
84 85.4 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 52.082 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 97 Resp: 212181
Ion Ratio Lower Upper
97 100
99 63.4 51.7 77.5
61 45.0 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 56.409 ug/l

RT: 8.055 min Scan# 1109

Delta R.T. -0.012 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

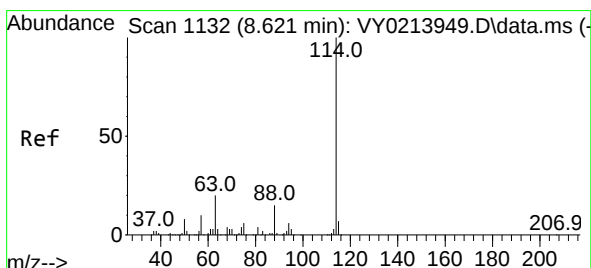
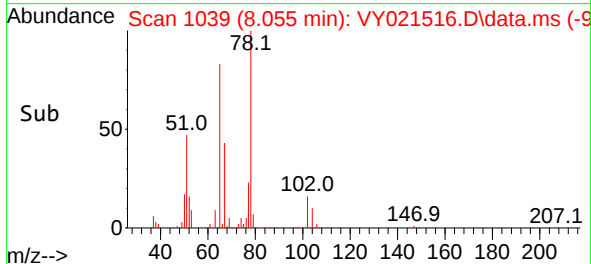
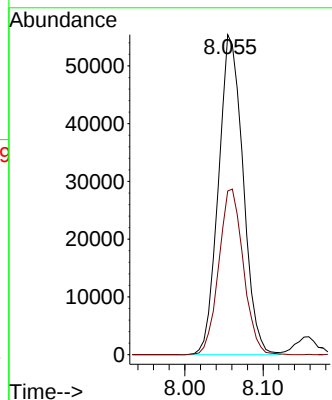
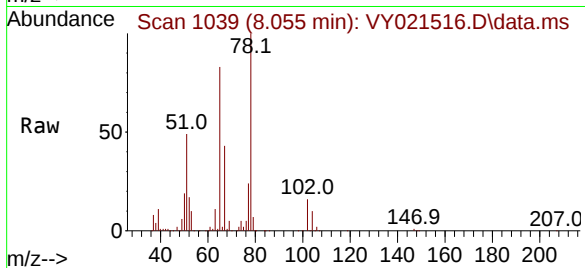
VSTDCCC050

Tgt Ion: 65 Resp: 120990

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

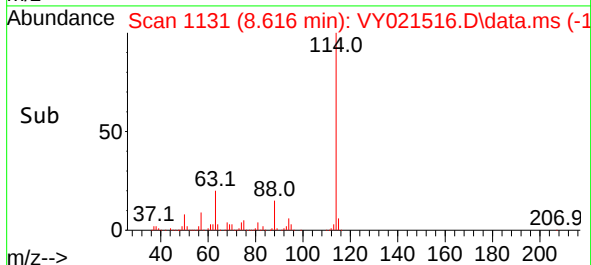
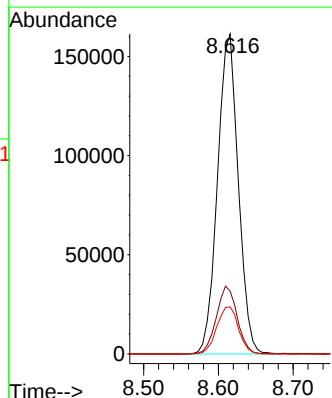
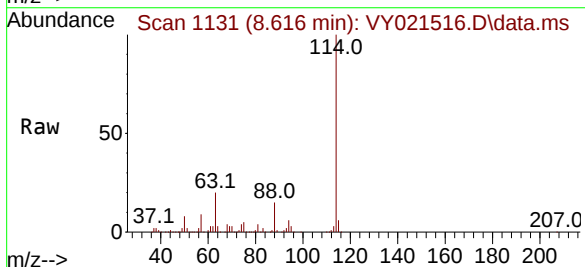
Tgt Ion: 114 Resp: 311585

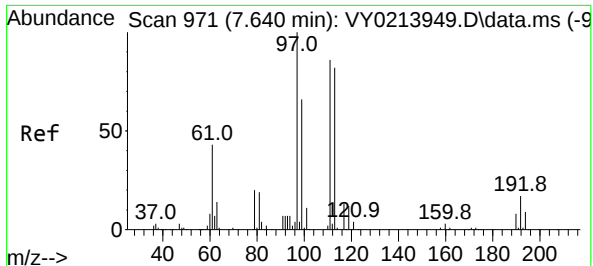
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 14.7 0.0 30.8





#35

Dibromofluoromethane

Concen: 55.069 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

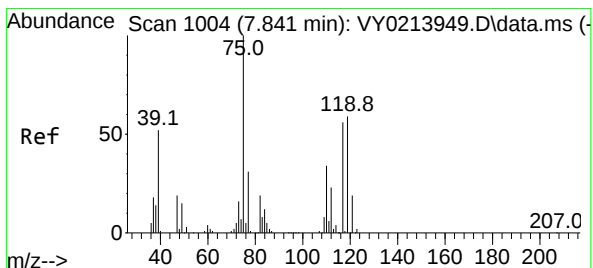
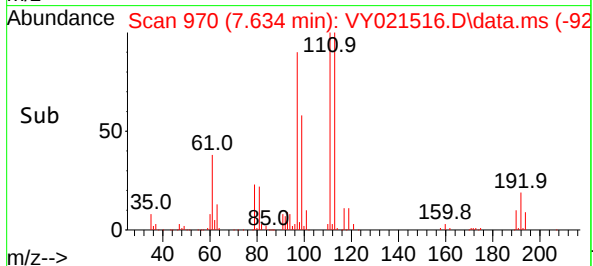
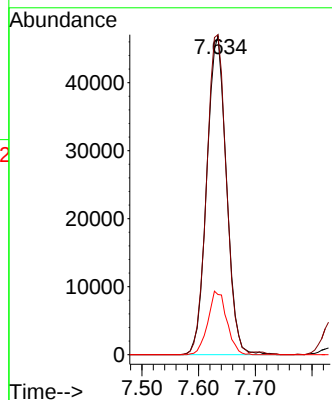
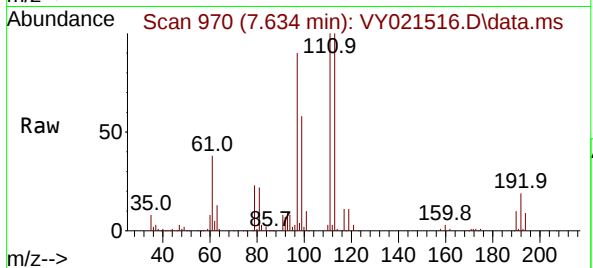
Tgt Ion:113 Resp: 112786

Ion Ratio Lower Upper

113 100

111 100.8 82.0 123.0

192 19.1 15.9 23.9



#36

1,1-Dichloropropene

Concen: 51.978 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

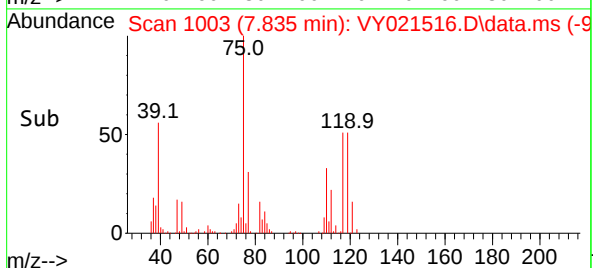
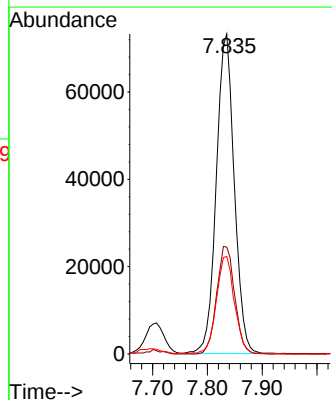
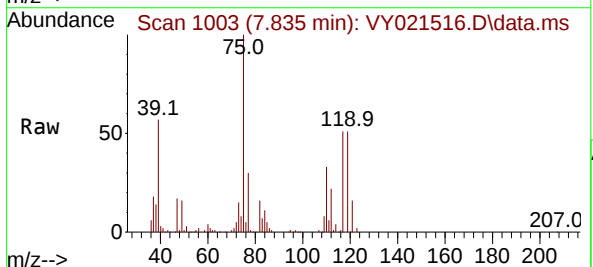
Tgt Ion: 75 Resp: 166636

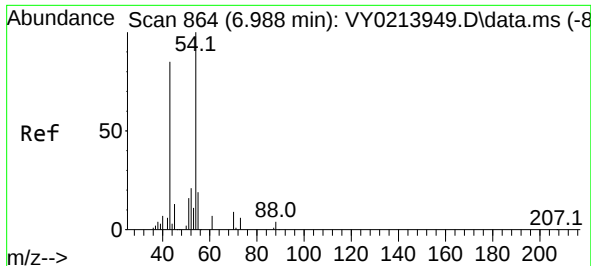
Ion Ratio Lower Upper

75 100

110 33.8 17.3 51.7

77 30.9 25.4 38.2





#37

Ethyl Acetate

Concen: 61.011 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

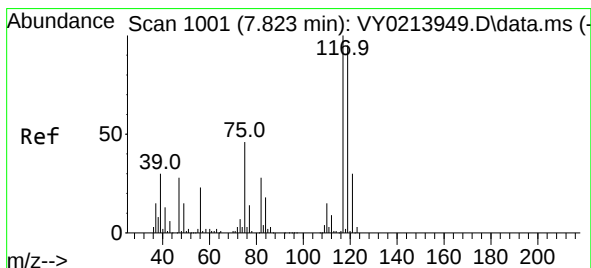
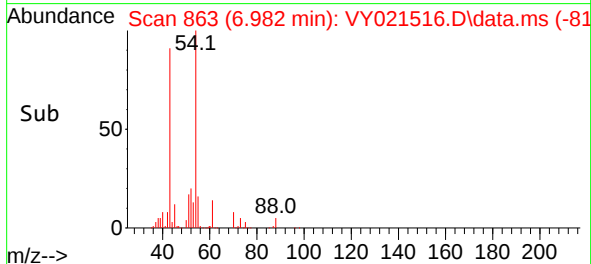
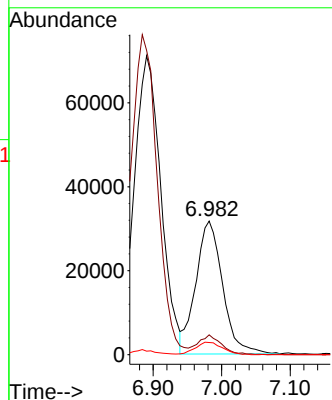
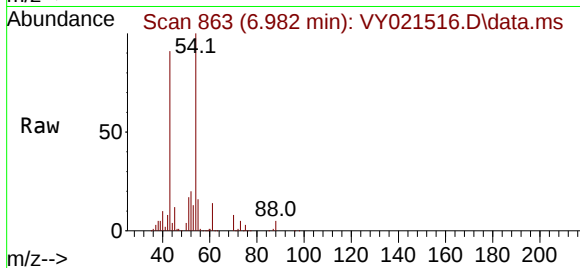
Tgt Ion: 43 Resp: 86451

Ion Ratio Lower Upper

43 100

61 13.0 11.4 17.0

70 9.5 8.2 12.2



#38

Carbon Tetrachloride

Concen: 51.777 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

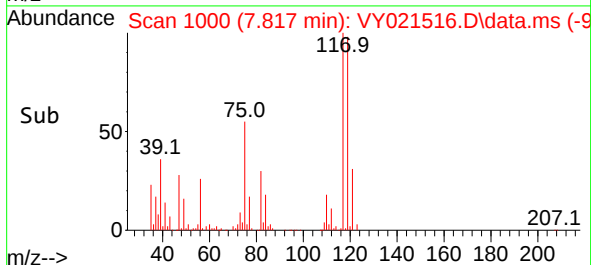
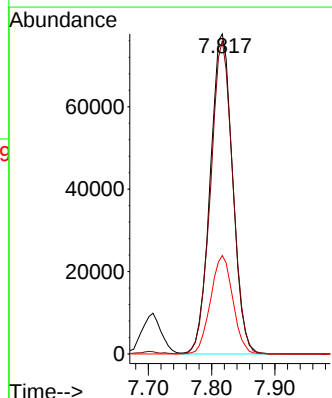
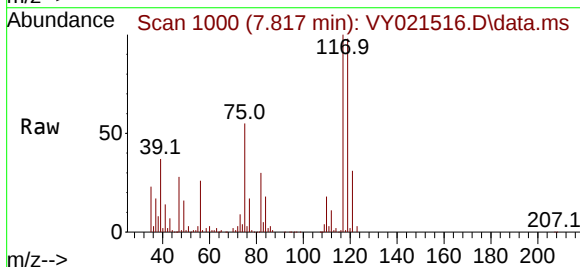
Tgt Ion: 117 Resp: 190903

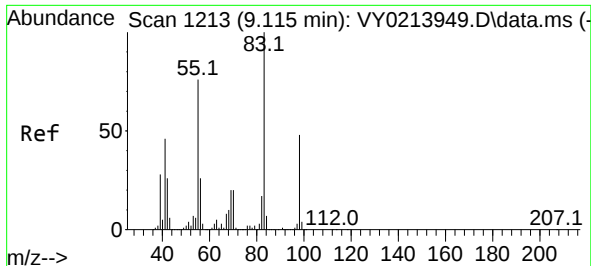
Ion Ratio Lower Upper

117 100

119 97.8 75.8 113.8

121 30.7 23.9 35.9





#39

Methylcyclohexane

Concen: 50.417 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

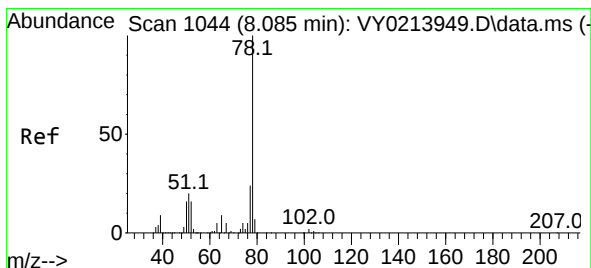
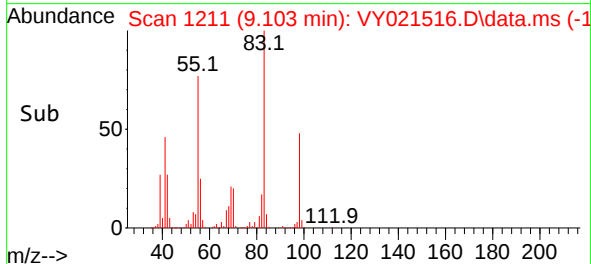
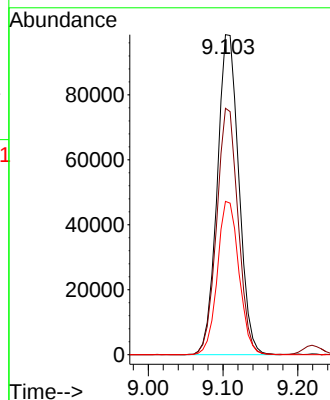
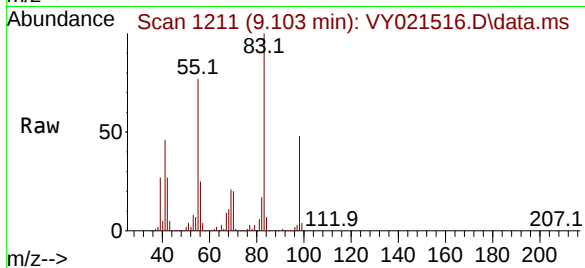
Tgt Ion: 83 Resp: 198260

Ion Ratio Lower Upper

83 100

55 77.0 60.7 91.1

98 47.9 38.6 57.8



#40

Benzene

Concen: 53.404 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY021516.D

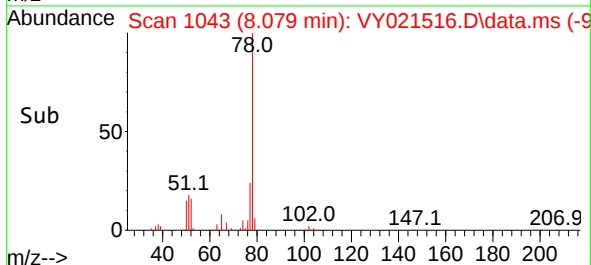
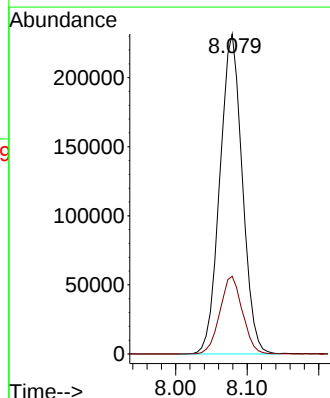
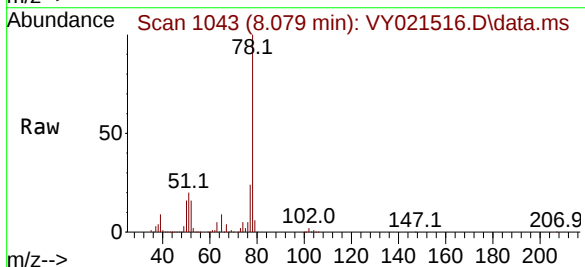
Acq: 13 Mar 2025 10:31

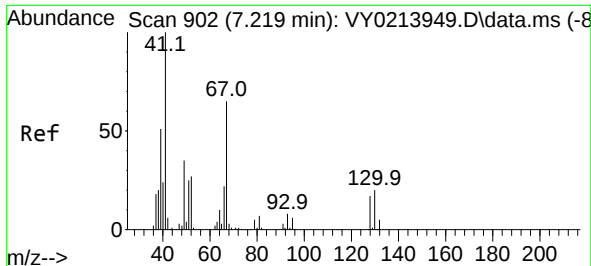
Tgt Ion: 78 Resp: 504344

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4

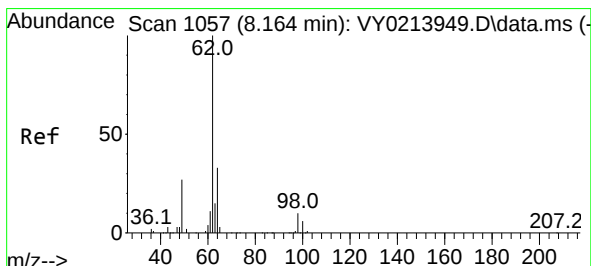
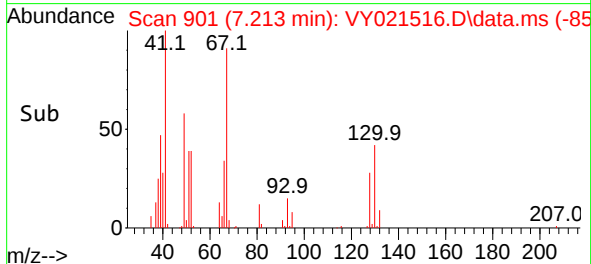
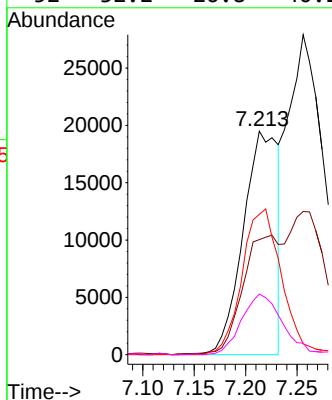
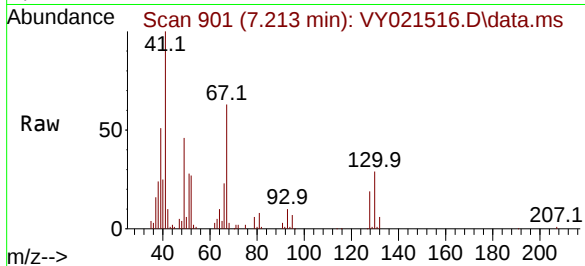




#41
Methacrylonitrile
Concen: 59.779 ug/l
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

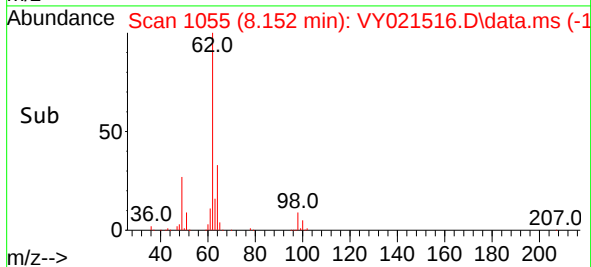
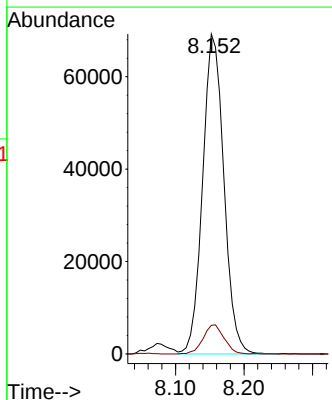
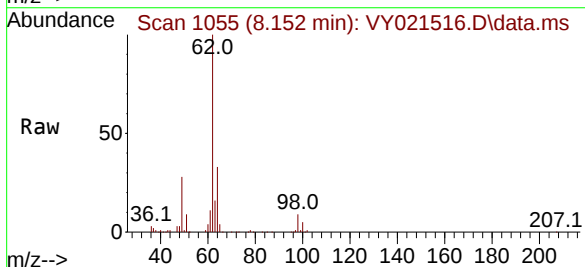
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

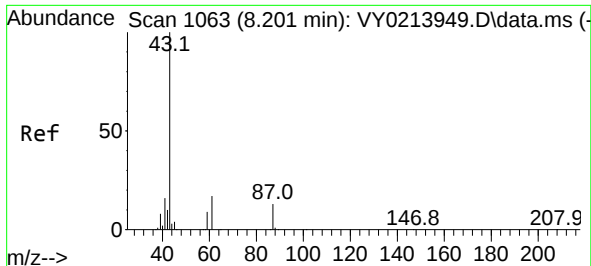
Tgt Ion:	41	Resp:	46122
Ion	Ratio	Lower	Upper
41	100		
39	53.8	35.0	52.6#
67	74.1	61.2	91.8
52	32.2	26.8	40.2



#42
1,2-Dichloroethane
Concen: 56.523 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion:	62	Resp:	149333
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.2

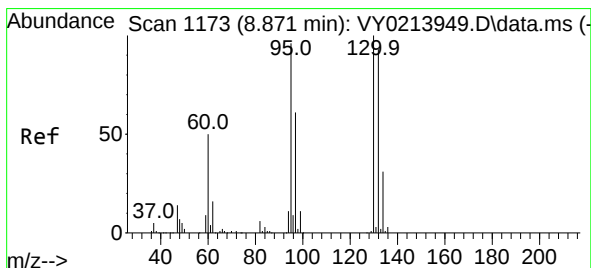
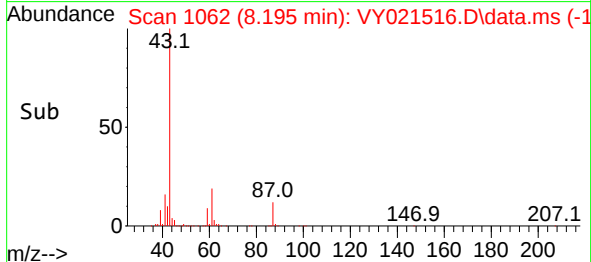
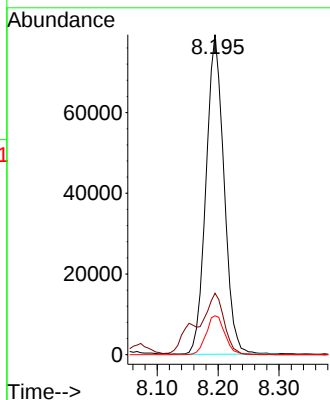
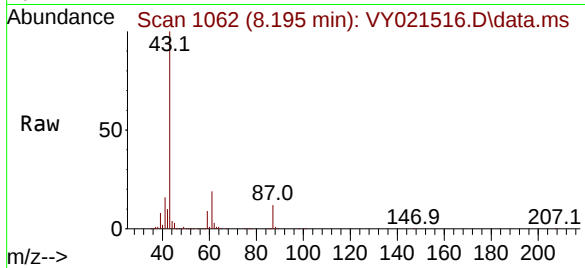




#43
Isopropyl Acetate
Concen: 59.018 ug/l
RT: 8.195 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

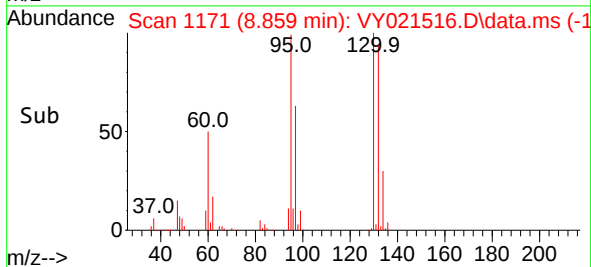
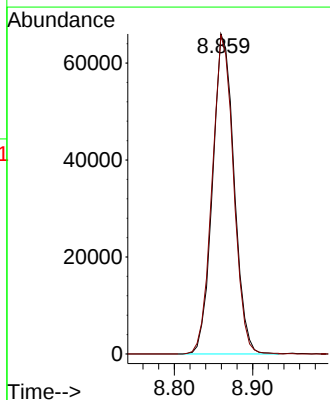
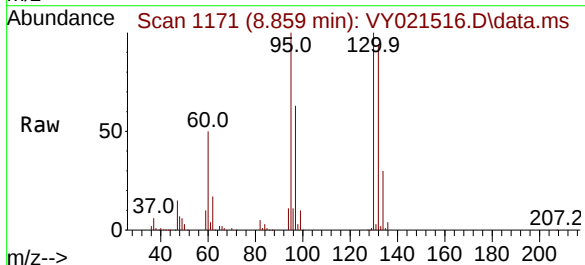
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

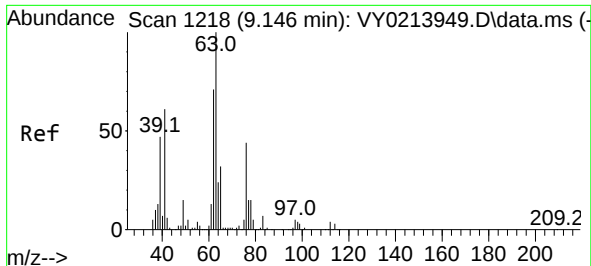
Tgt Ion: 43 Resp: 162340
Ion Ratio Lower Upper
43 100
61 20.7 23.4 35.0#
87 12.7 10.5 15.7



#44
Trichloroethene
Concen: 52.701 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.012 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion:130 Resp: 125768
Ion Ratio Lower Upper
130 100
95 99.6 0.0 191.6





#45

1,2-Dichloropropane

Concen: 55.176 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

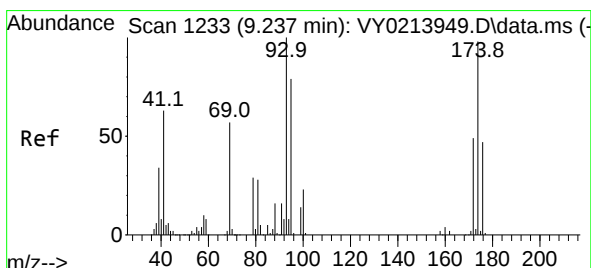
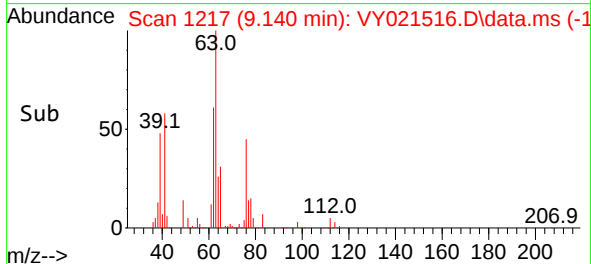
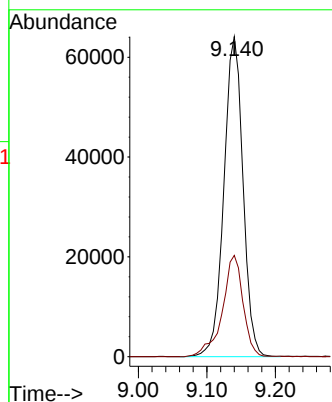
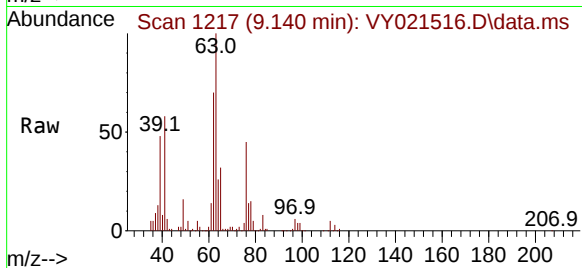
VSTDCCC050

Tgt Ion: 63 Resp: 124017

Ion Ratio Lower Upper

63 100

65 31.7 26.0 39.0



#46

Dibromomethane

Concen: 57.954 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

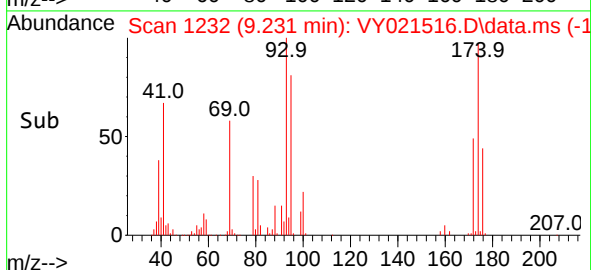
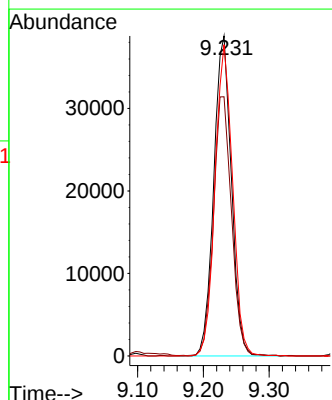
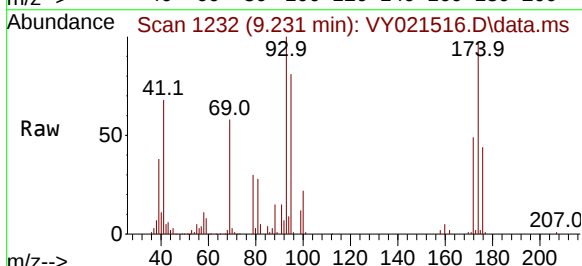
Tgt Ion: 93 Resp: 72478

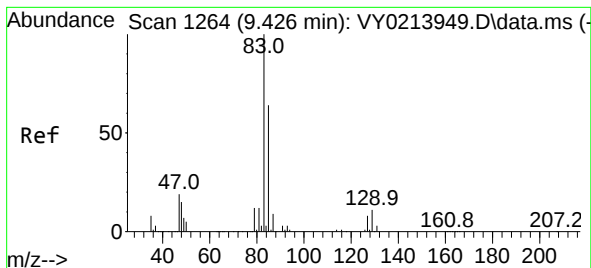
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.8

174 97.0 77.9 116.9





#47

Bromodichloromethane

Concen: 56.459 ug/l

RT: 9.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

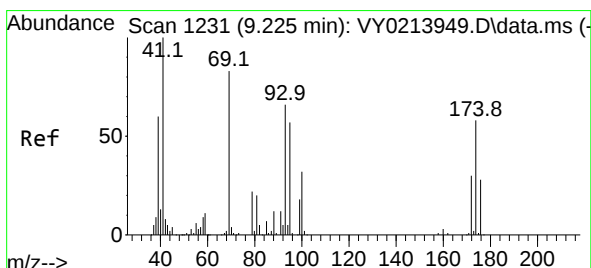
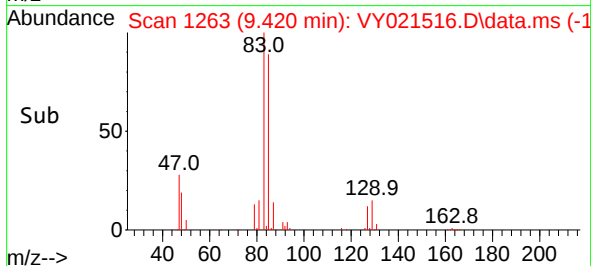
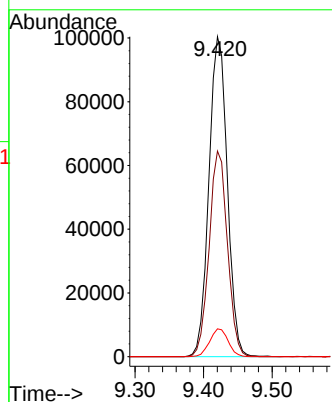
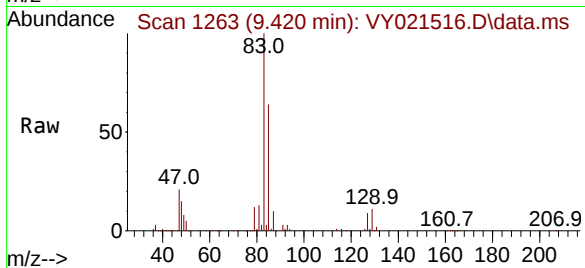
Tgt Ion: 83 Resp: 187512

Ion Ratio Lower Upper

83 100

85 64.3 51.1 76.7

127 8.7 6.7 10.1



#48

Methyl methacrylate

Concen: 61.046 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

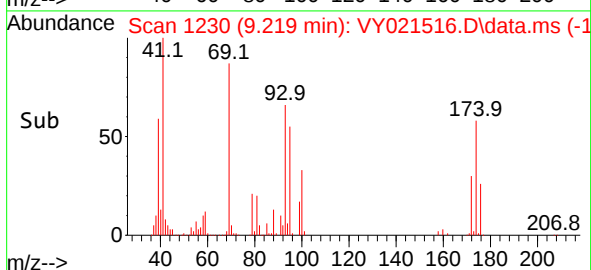
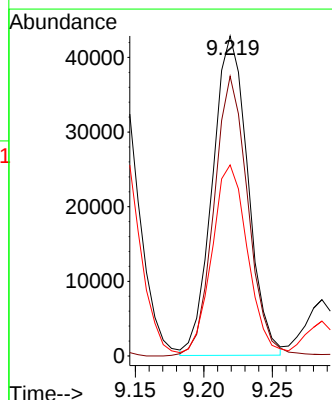
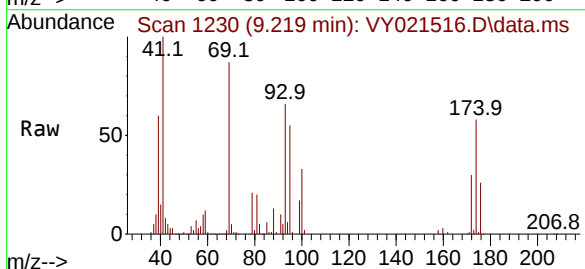
Tgt Ion: 41 Resp: 77107

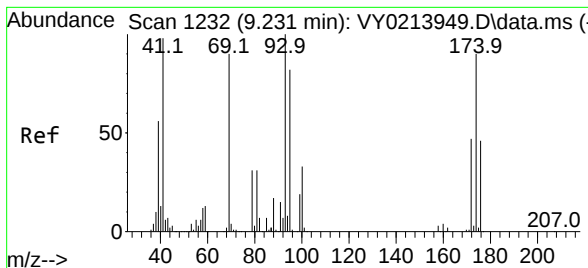
Ion Ratio Lower Upper

41 100

69 84.5 67.8 101.8

39 58.3 46.4 69.6





#49

1,4-Dioxane

Concen: 1347.757 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

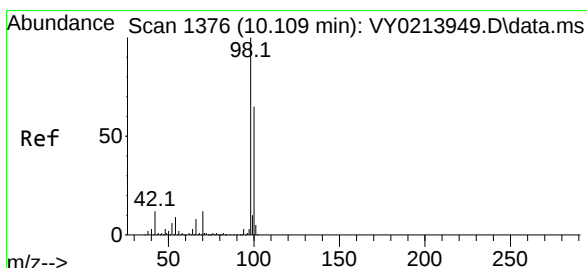
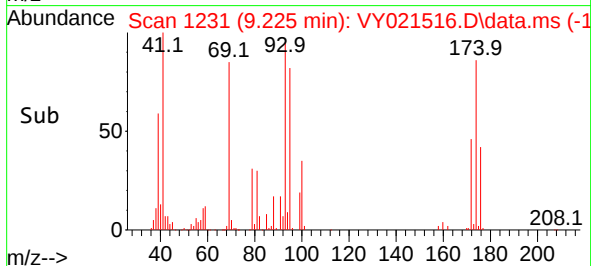
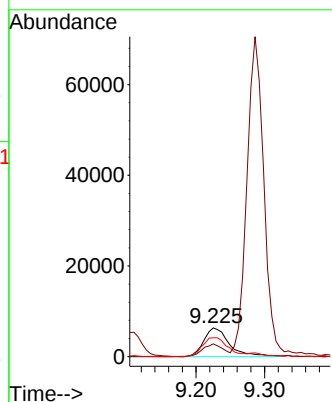
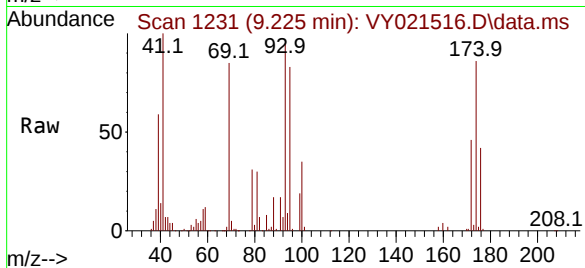
Tgt Ion: 88 Resp: 16544

Ion Ratio Lower Upper

88 100

43 34.5 25.0 37.4

58 66.2 58.4 87.6



#50

Toluene-d8

Concen: 53.353 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021516.D

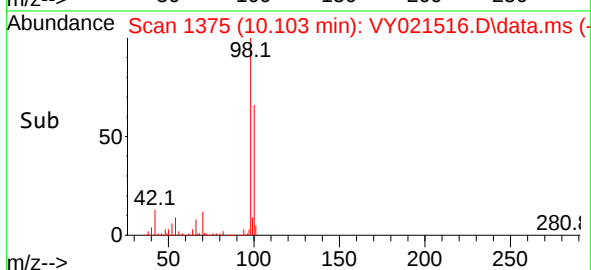
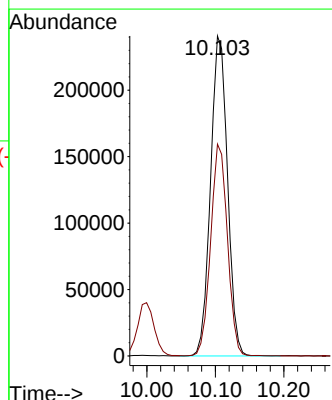
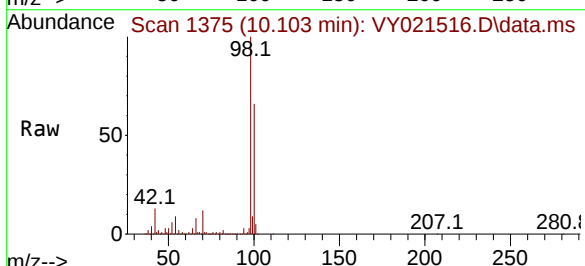
Acq: 13 Mar 2025 10:31

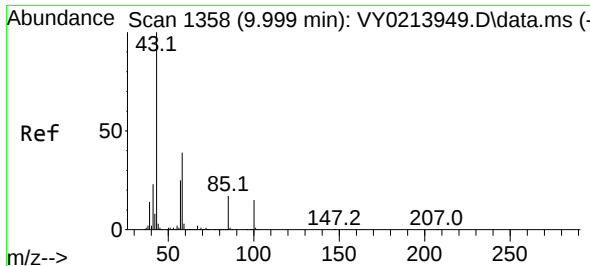
Tgt Ion: 98 Resp: 413740

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1

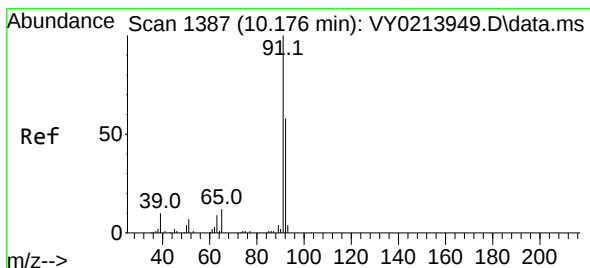
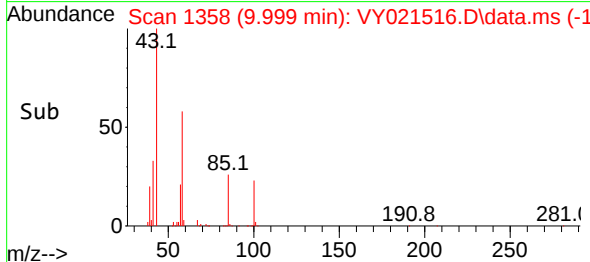
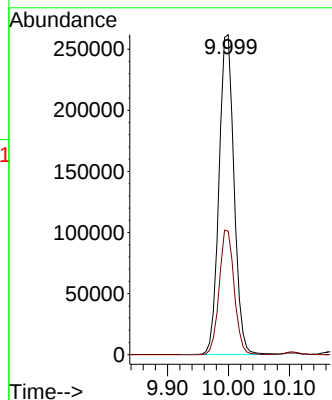
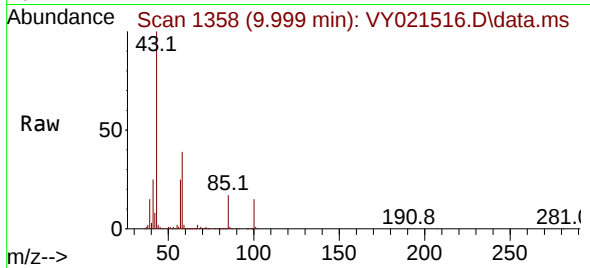




#51
4-Methyl-2-Pentanone
Concen: 316.212 ug/l
RT: 9.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

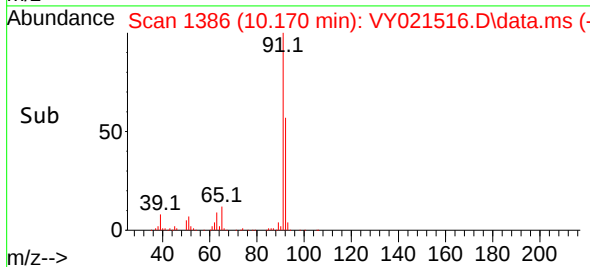
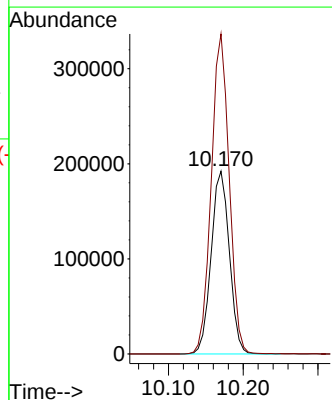
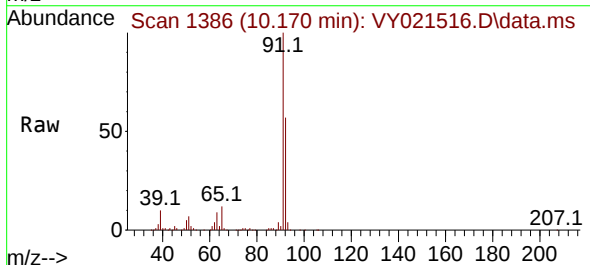
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

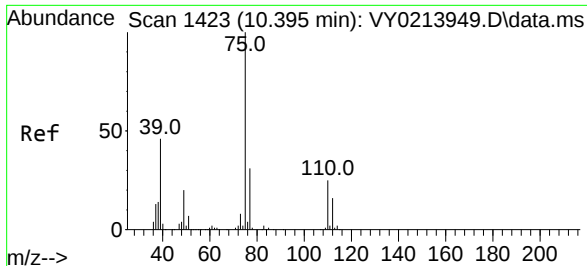
Tgt Ion: 43 Resp: 448790
Ion Ratio Lower Upper
43 100
58 38.9 31.4 47.2



#52
Toluene
Concen: 54.659 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 92 Resp: 325439
Ion Ratio Lower Upper
92 100
91 172.4 138.2 207.2

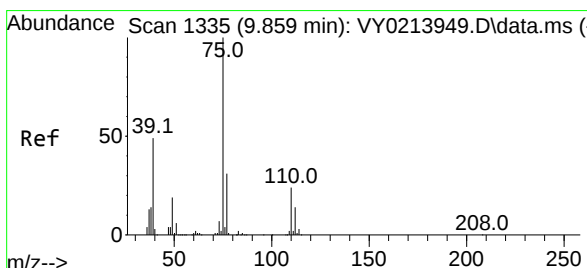
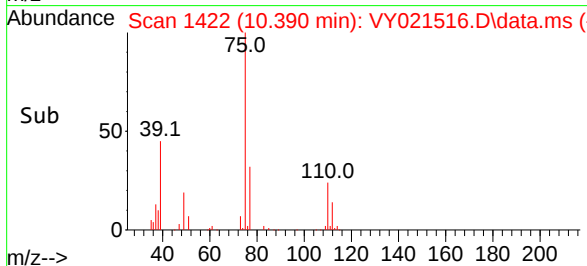
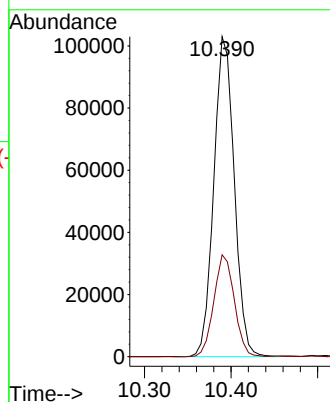
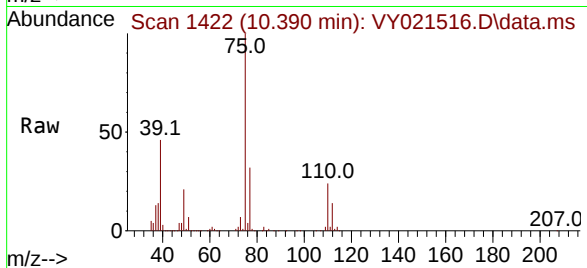




#53
 t-1,3-Dichloropropene
 Concen: 57.767 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

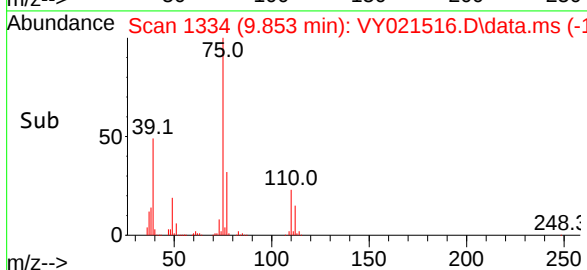
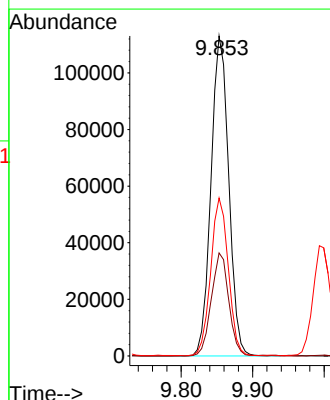
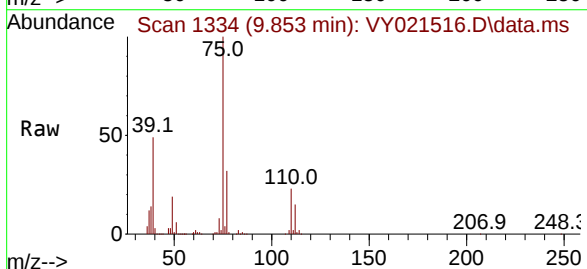
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

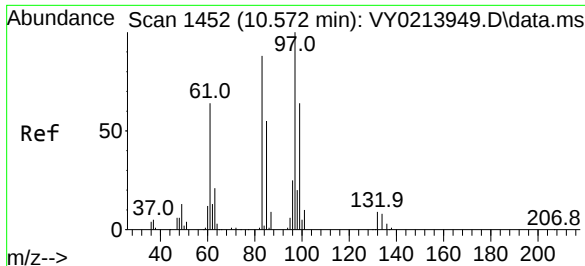
Tgt Ion: 75 Resp: 169032
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 56.028 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

Tgt Ion: 75 Resp: 194644
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 37.0
 39 49.2 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 59.110 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 96699

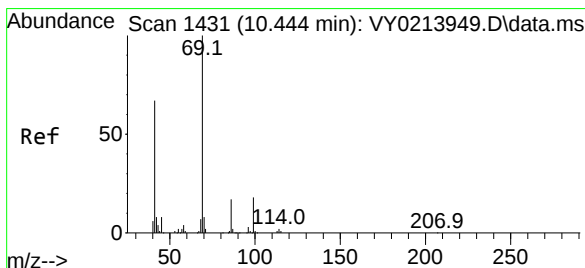
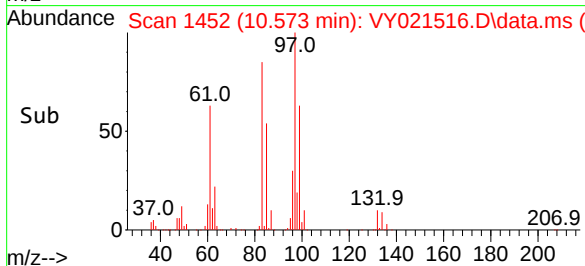
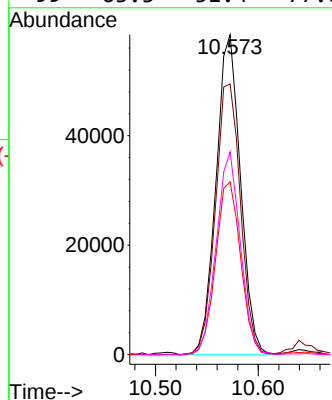
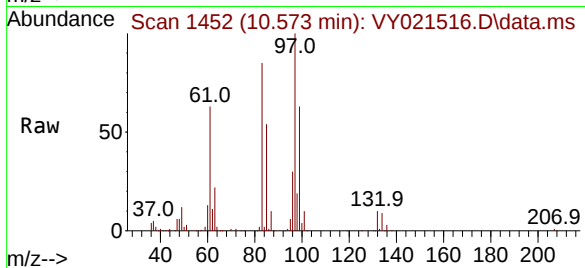
Ion Ratio Lower Upper

97 100

83 84.6 70.0 105.0

85 54.0 44.3 66.5

99 63.3 51.4 77.0



#56

Ethyl methacrylate

Concen: 62.399 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

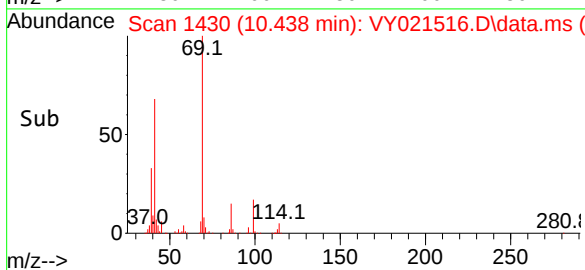
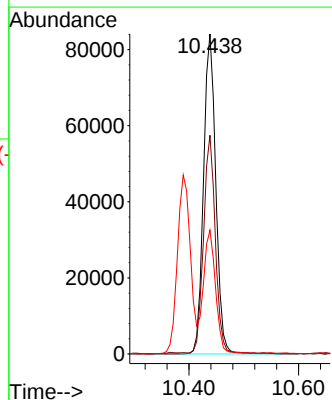
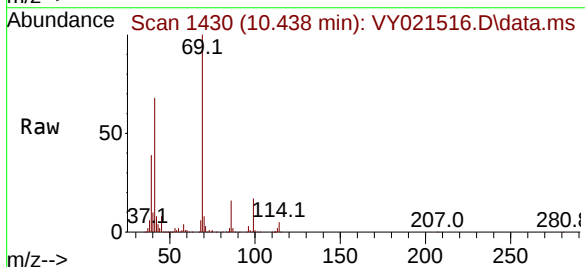
Tgt Ion: 69 Resp: 130188

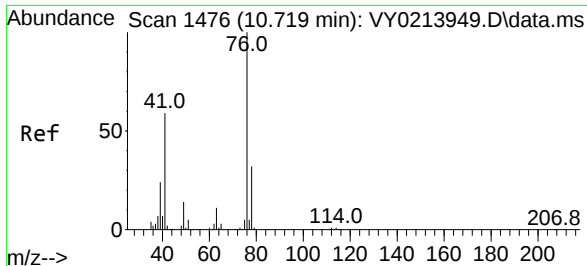
Ion Ratio Lower Upper

69 100

41 65.5 53.3 79.9

39 38.4 31.0 46.6





#57

1,3-Dichloropropane

Concen: 58.006 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

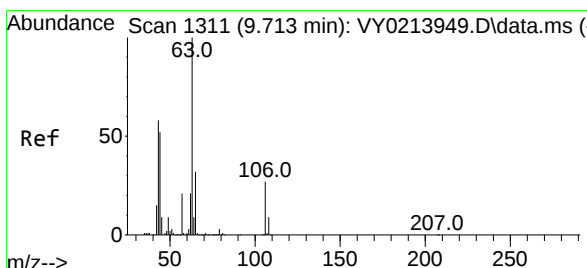
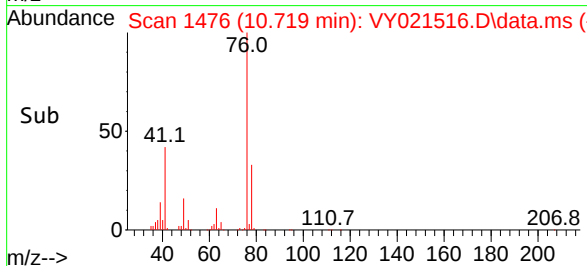
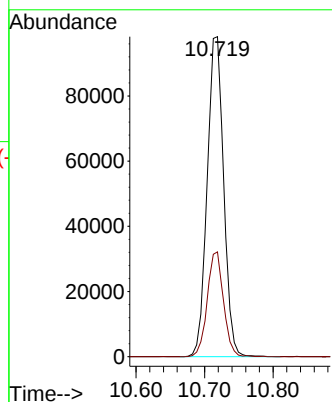
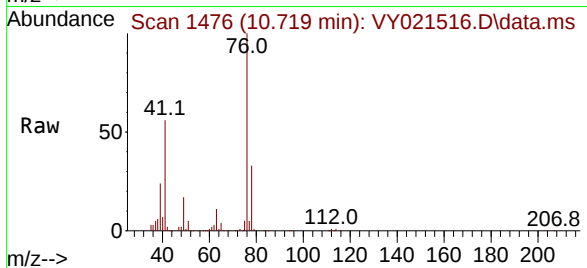
VSTDCCC050

Tgt Ion: 76 Resp: 164468

Ion Ratio Lower Upper

76 100

78 32.4 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 309.241 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY021516.D

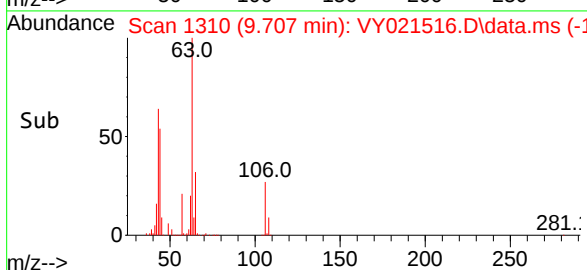
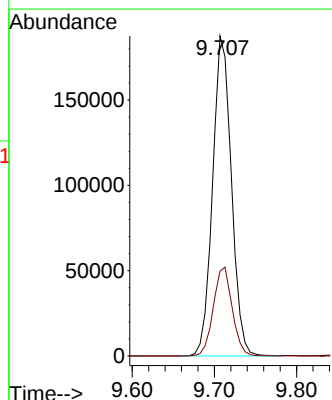
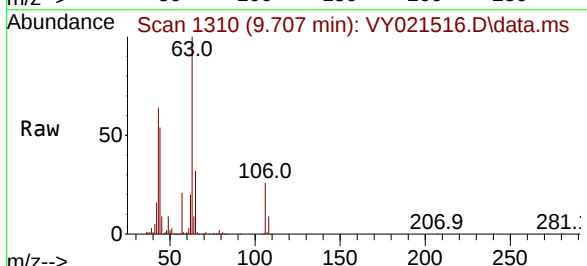
Acq: 13 Mar 2025 10:31

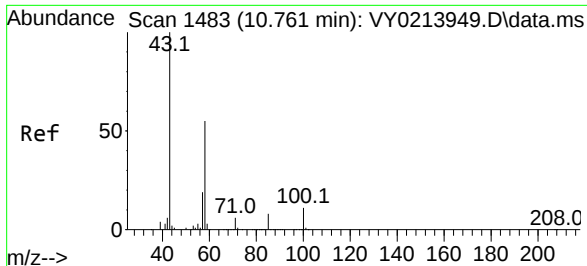
Tgt Ion: 63 Resp: 297839

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1





#59

2-Hexanone

Concen: 327.478 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

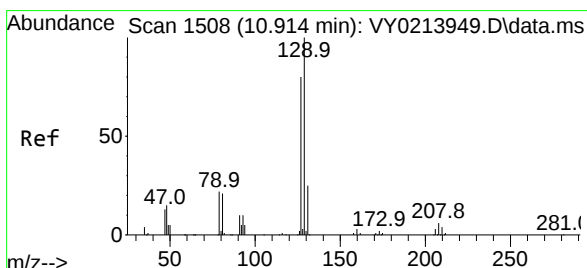
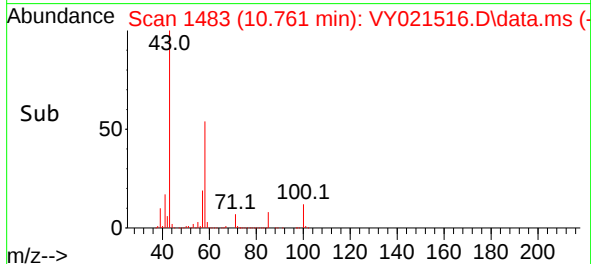
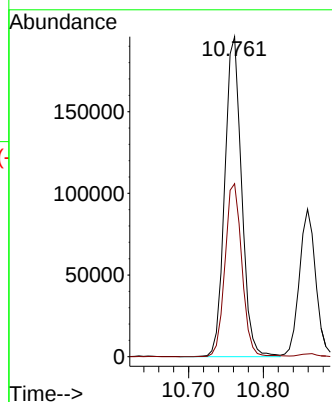
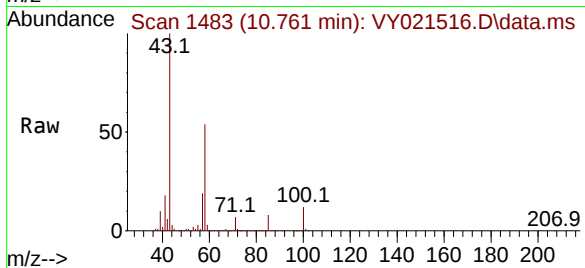
VSTDCCC050

Tgt Ion: 43 Resp: 307324

Ion Ratio Lower Upper

43 100

58 54.3 27.3 81.8



#60

Dibromochloromethane

Concen: 57.463 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY021516.D

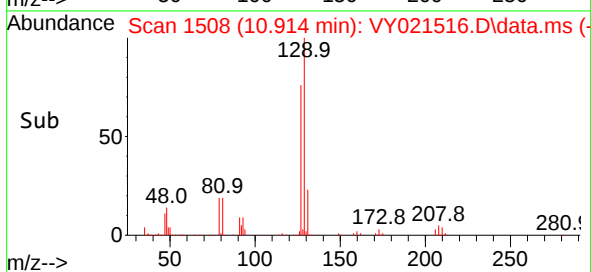
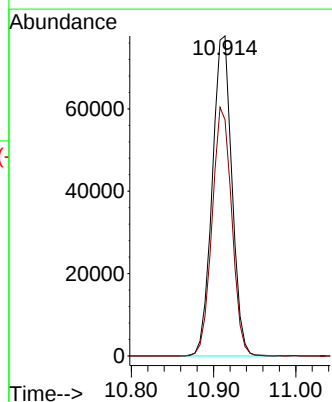
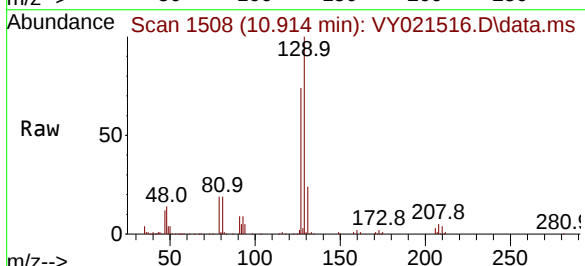
Acq: 13 Mar 2025 10:31

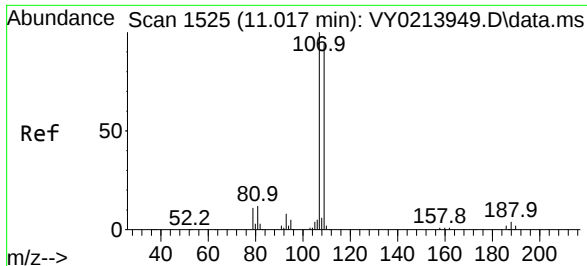
Tgt Ion: 129 Resp: 128876

Ion Ratio Lower Upper

129 100

127 77.8 39.1 117.3

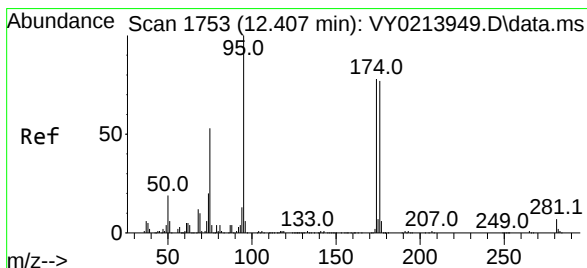
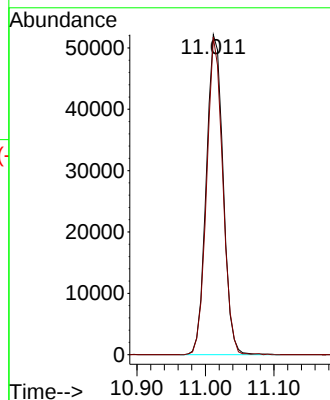
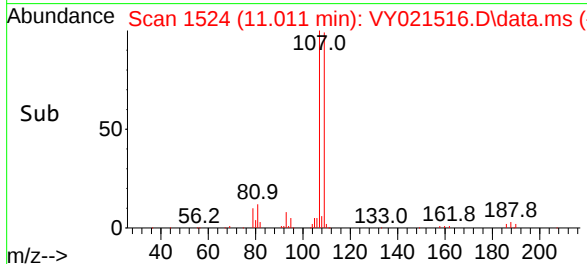
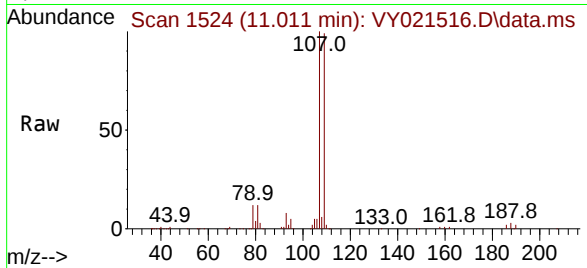




#61
1,2-Dibromoethane
Concen: 57.625 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

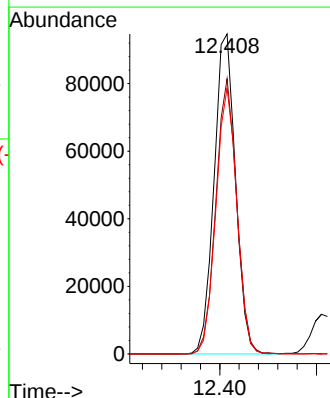
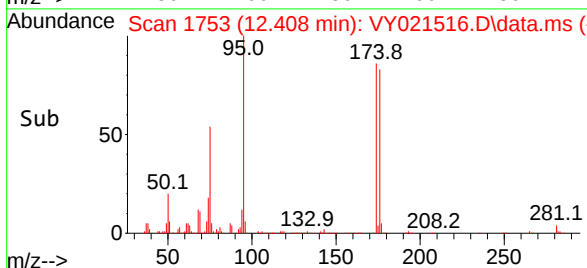
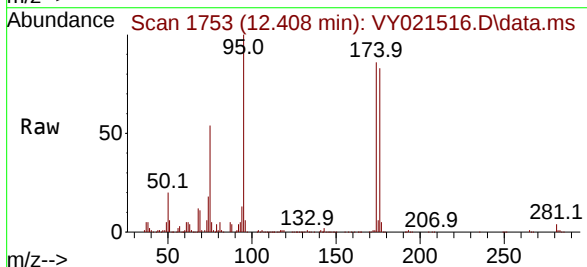
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

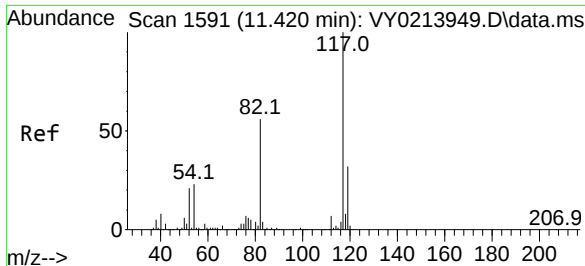
Tgt Ion:107 Resp: 88972
Ion Ratio Lower Upper
107 100
109 95.2 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 55.307 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 95 Resp: 145891
Ion Ratio Lower Upper
95 100
174 83.5 0.0 165.0
176 81.2 0.0 160.0

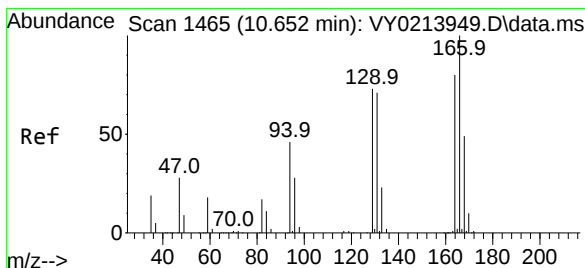
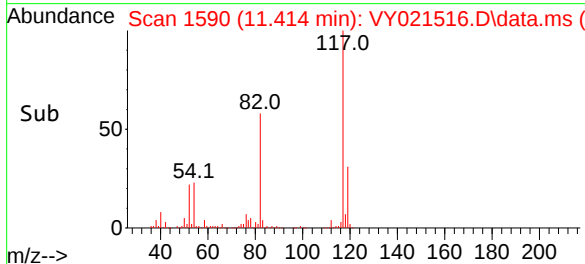
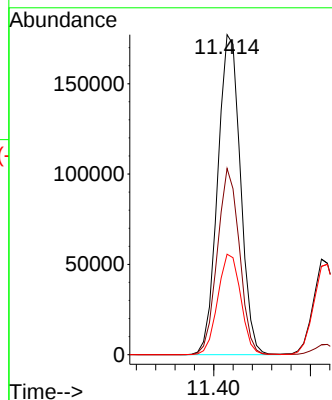
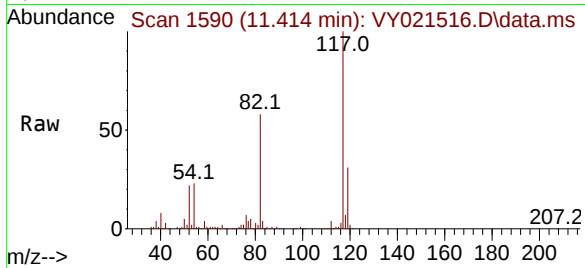




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

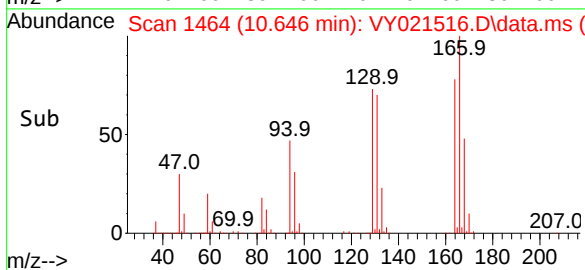
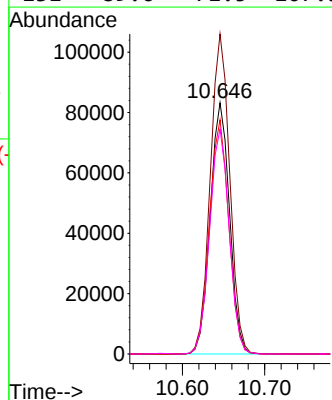
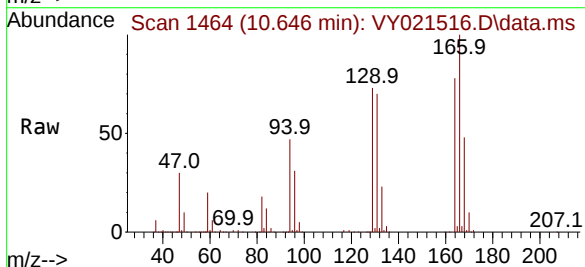
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

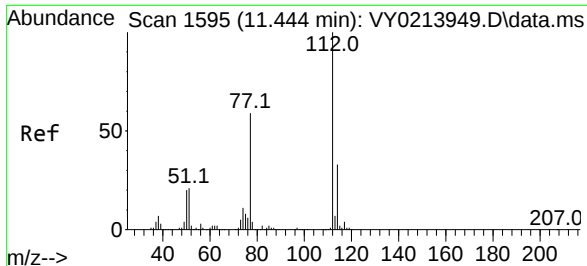
Tgt Ion:117 Resp: 288548
Ion Ratio Lower Upper
117 100
82 58.2 44.6 67.0
119 31.4 25.4 38.0



#64
Tetrachloroethene
Concen: 57.970 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion:164 Resp: 136018
Ion Ratio Lower Upper
164 100
166 127.4 100.4 150.6
129 93.3 73.8 110.8
131 89.6 71.5 107.3

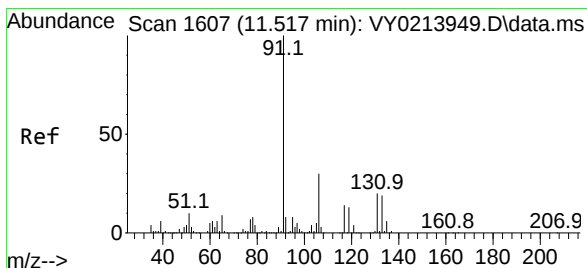
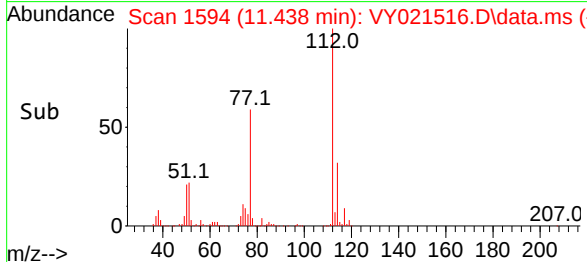
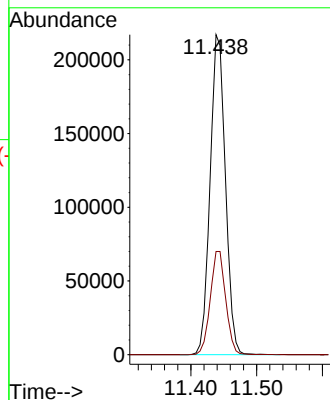
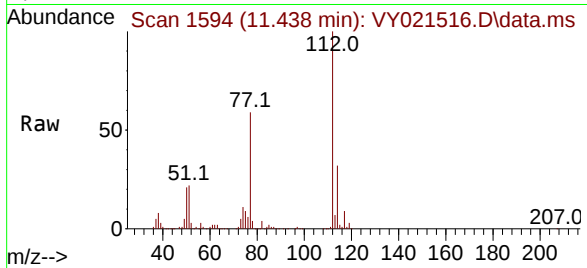




#65
Chlorobenzene
Concen: 51.615 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

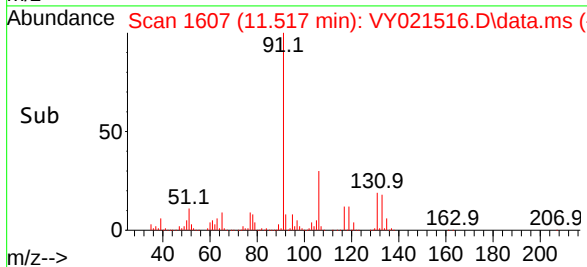
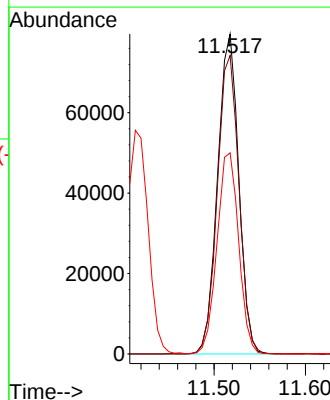
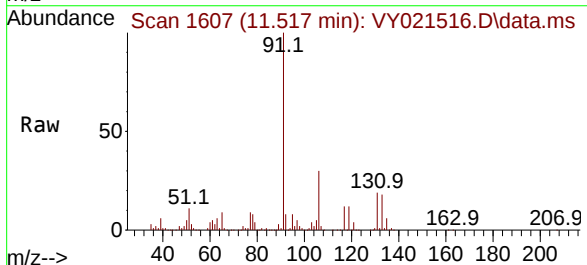
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

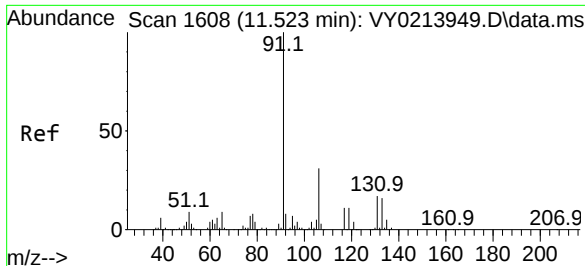
Tgt Ion:112 Resp: 351704
Ion Ratio Lower Upper
112 100
114 32.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 53.082 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion:131 Resp: 127877
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 64.6 32.3 96.9





#67

Ethyl Benzene

Concen: 51.995 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

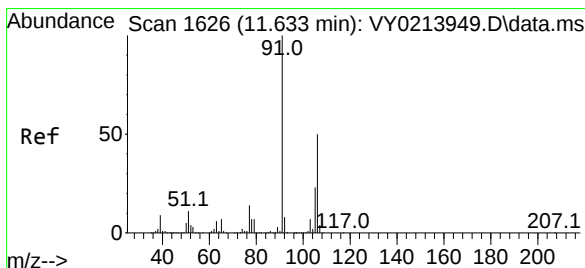
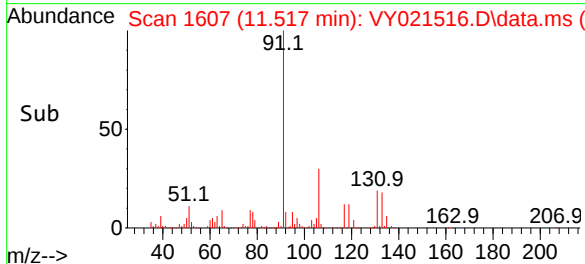
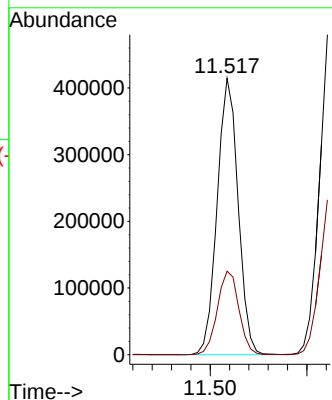
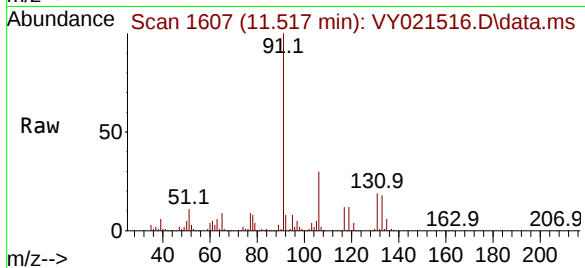
VSTDCCC050

Tgt Ion: 91 Resp: 621851

Ion Ratio Lower Upper

91 100

106 30.2 24.6 36.8



#68

m/p-Xylenes

Concen: 105.773 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY021516.D

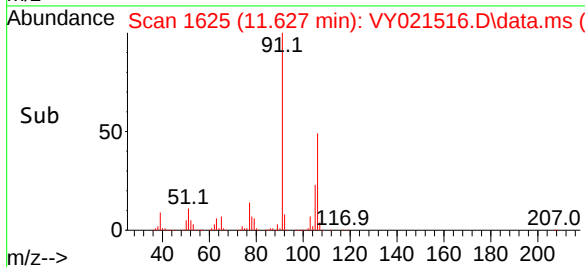
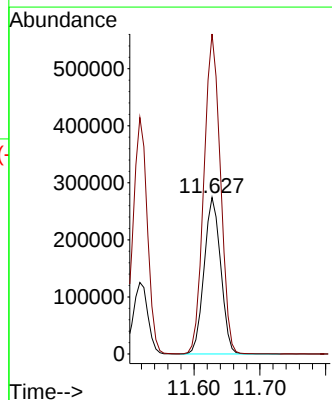
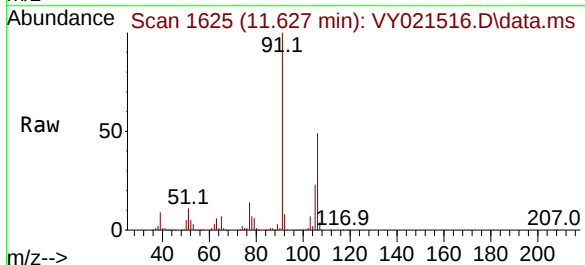
Acq: 13 Mar 2025 10:31

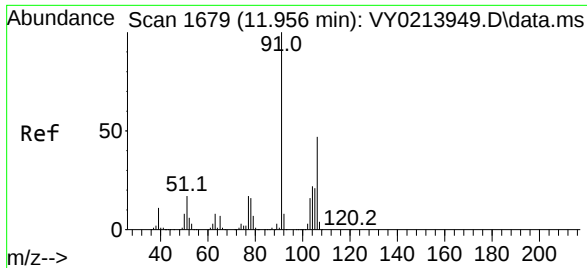
Tgt Ion:106 Resp: 480269

Ion Ratio Lower Upper

106 100

91 203.9 161.7 242.5

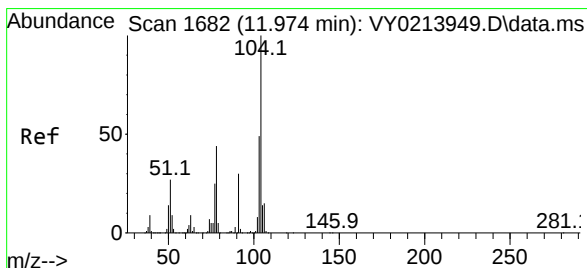
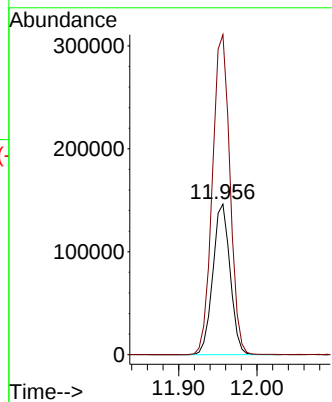
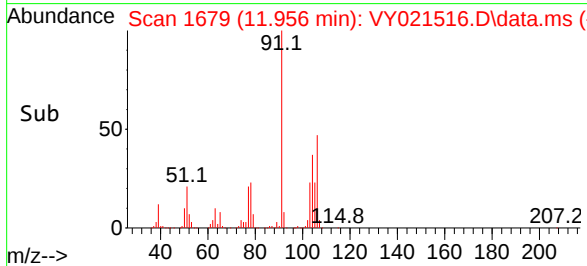
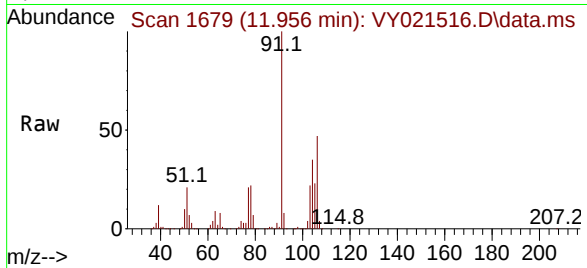




#69
o-Xylene
Concen: 53.479 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

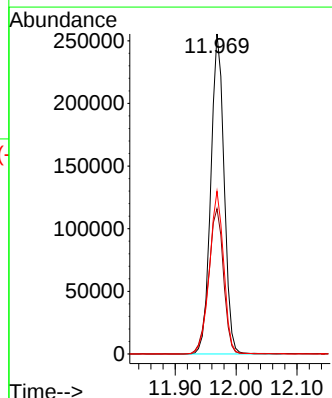
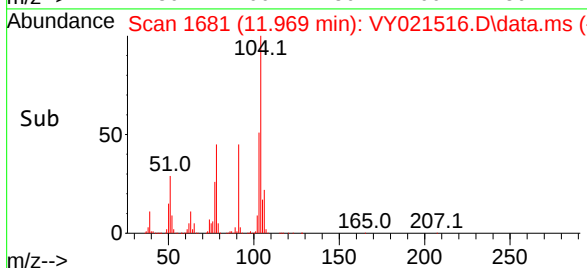
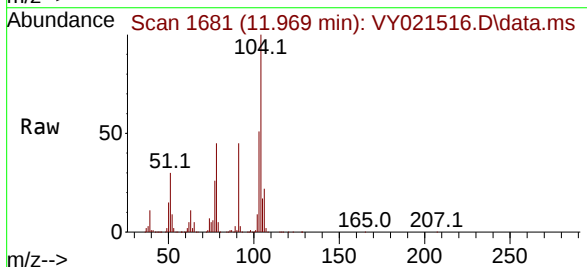
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

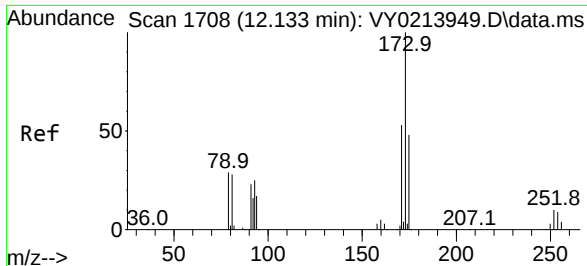
Tgt Ion:106 Resp: 223795
Ion Ratio Lower Upper
106 100
91 216.6 107.6 322.8



#70
Styrene
Concen: 55.915 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion:104 Resp: 388175
Ion Ratio Lower Upper
104 100
78 50.8 40.7 61.1
103 54.3 44.1 66.1

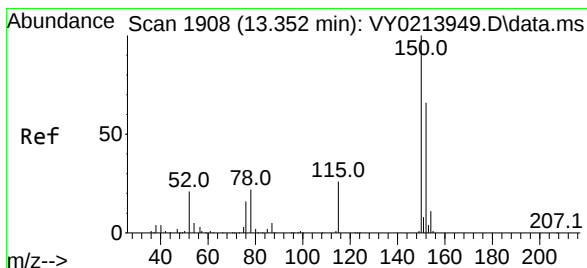
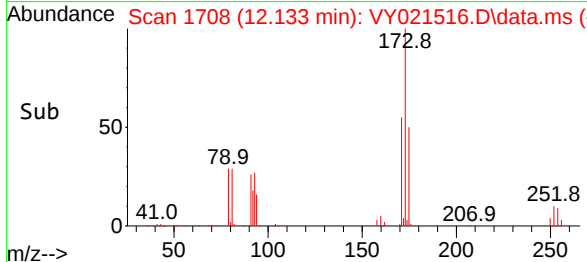
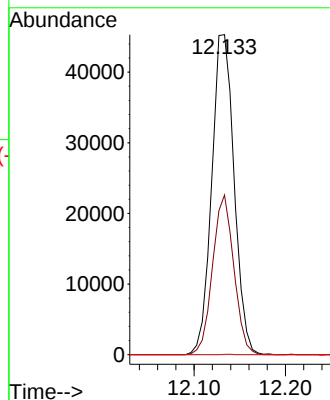
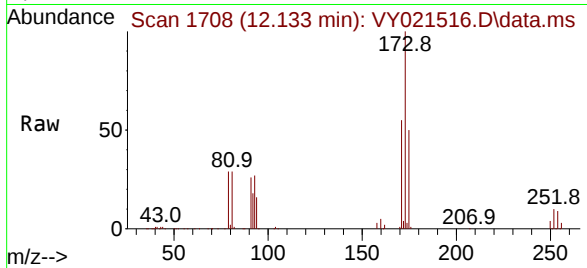




#71
Bromoform
Concen: 57.403 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

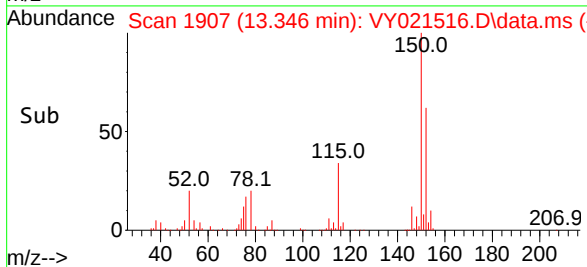
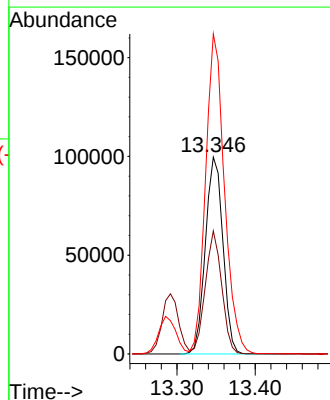
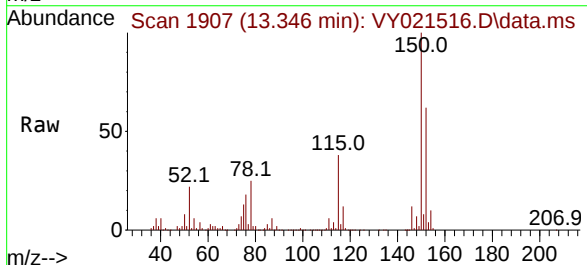
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

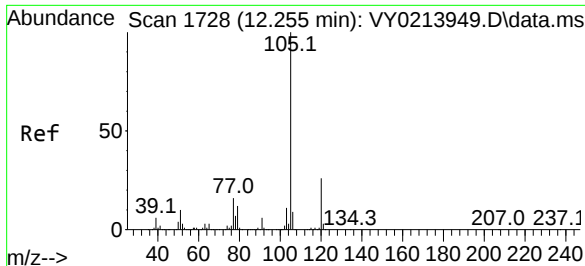
Tgt Ion:173 Resp: 77304
Ion Ratio Lower Upper
173 100
175 47.3 23.9 71.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion:152 Resp: 154472
Ion Ratio Lower Upper
152 100
115 58.6 29.0 87.0
150 174.7 0.0 347.2

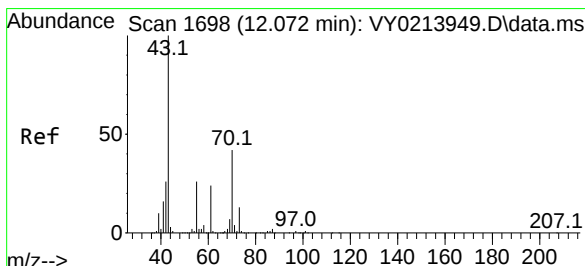
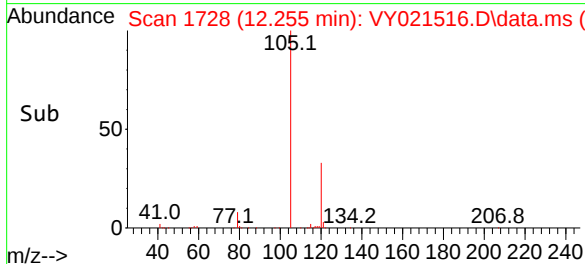
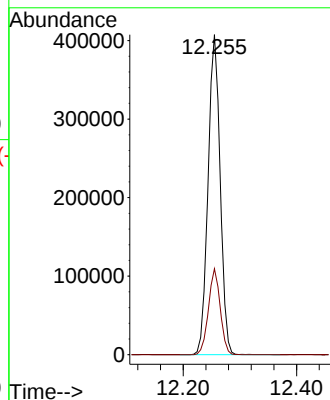
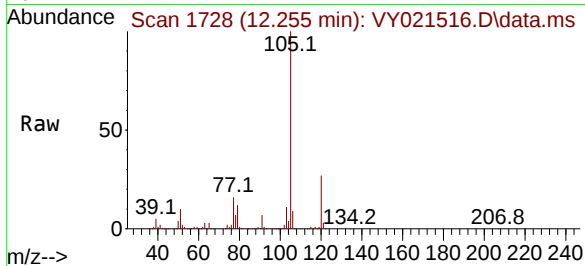




#73
Isopropylbenzene
Concen: 49.347 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

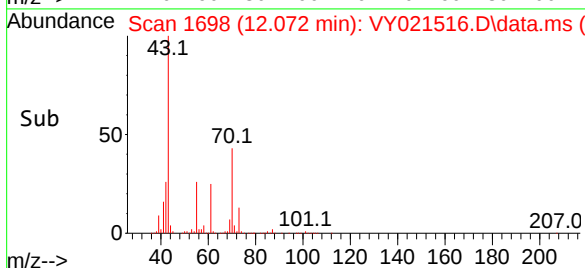
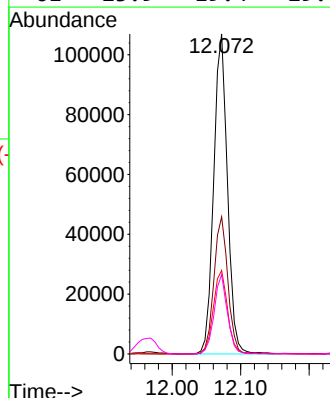
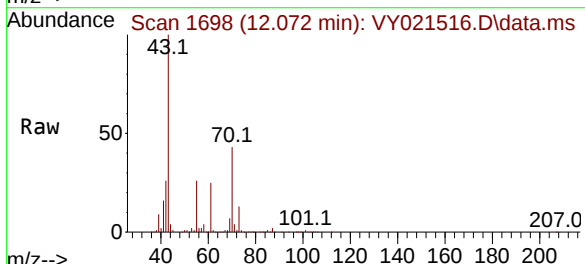
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

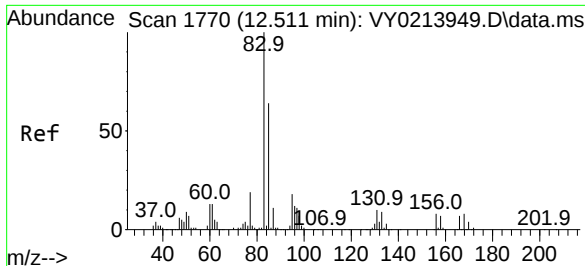
Tgt Ion:105 Resp: 600464
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3



#74
N-ethyl acetate
Concen: 56.615 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 43 Resp: 149611
Ion Ratio Lower Upper
43 100
70 43.5 34.6 51.8
55 27.3 21.1 31.7
61 23.9 19.4 29.0

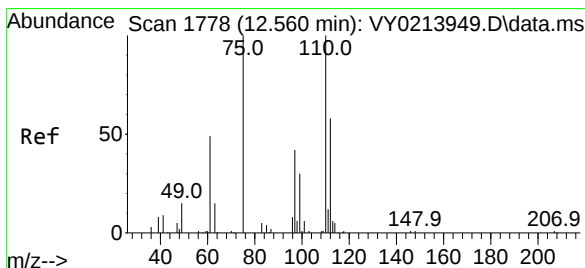
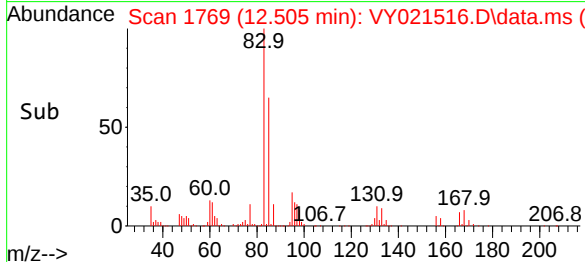
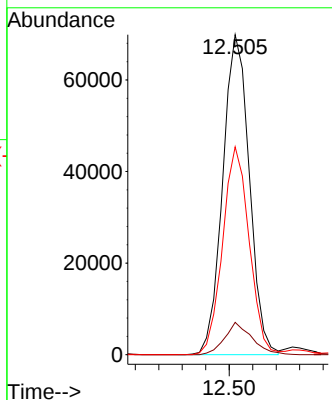
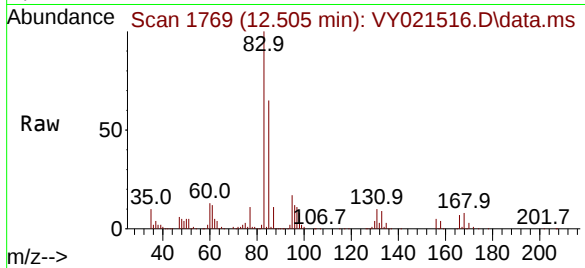




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.213 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.006 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

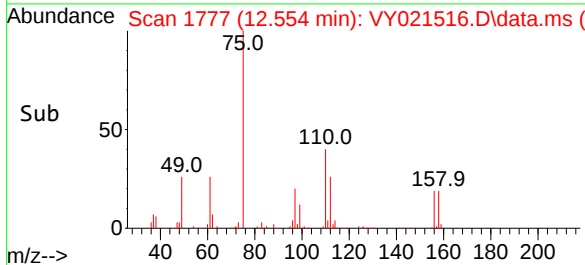
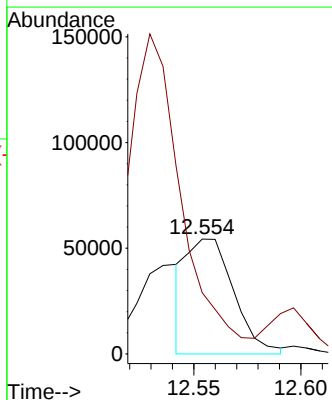
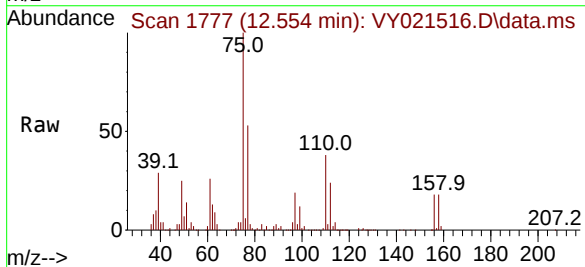
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

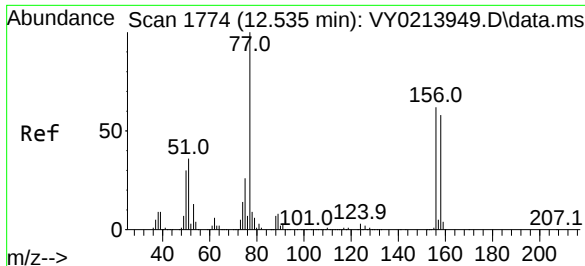
Tgt Ion: 83 Resp: 109969
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.3 16.1
 85 64.7 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 53.494 ug/l m
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

Tgt Ion: 75 Resp: 83268
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

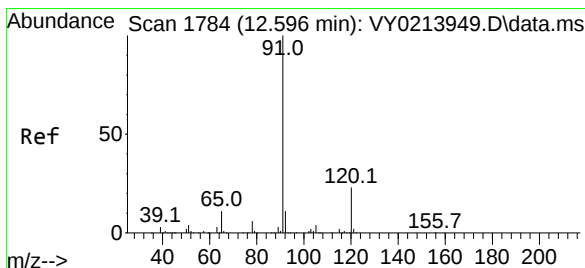
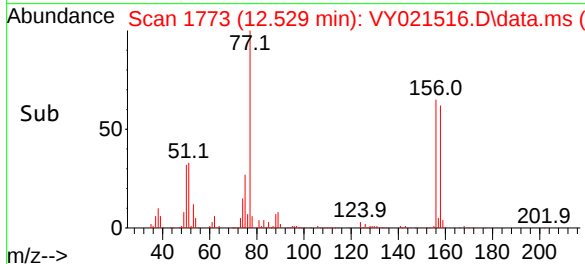
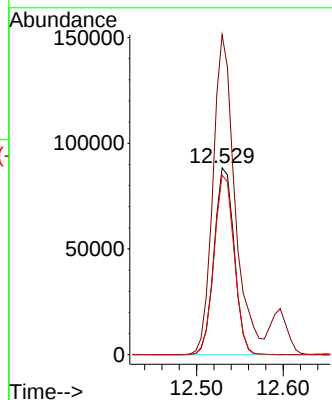
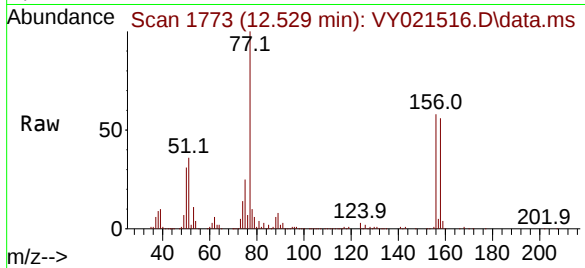




#77
Bromobenzene
Concen: 49.985 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

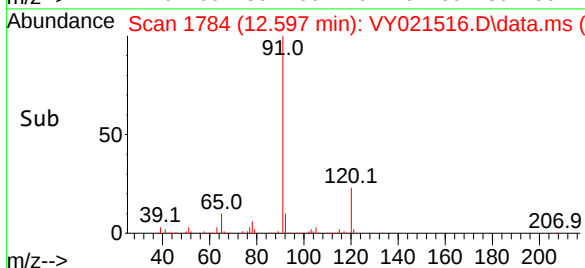
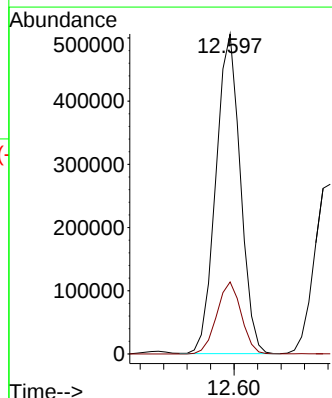
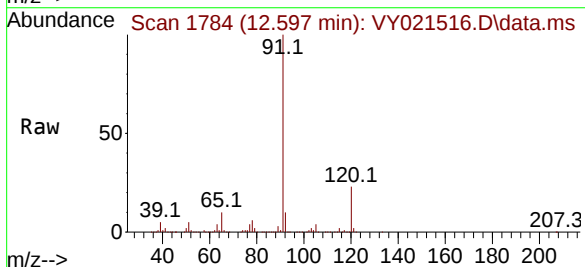
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

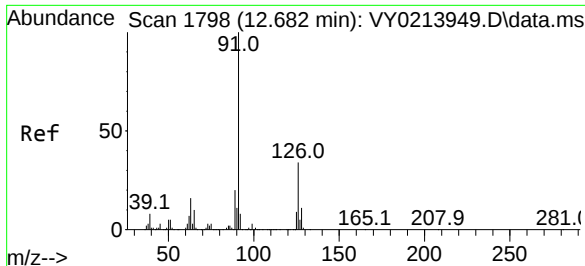
Tgt Ion:156 Resp: 142295
Ion Ratio Lower Upper
156 100
77 188.1 93.6 280.8
158 96.6 48.3 144.8



#78
n-propylbenzene
Concen: 49.509 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 91 Resp: 731634
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8





#79

2-Chlorotoluene

Concen: 49.781 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

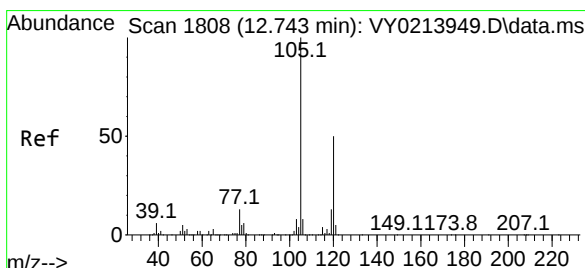
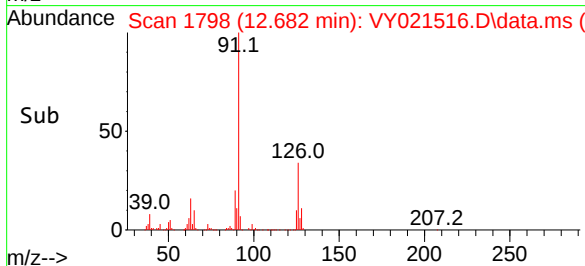
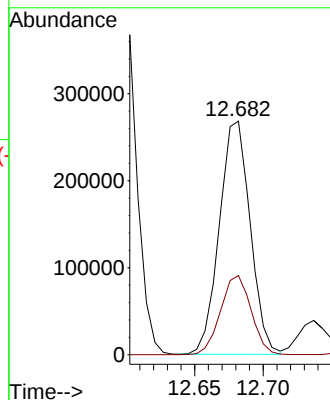
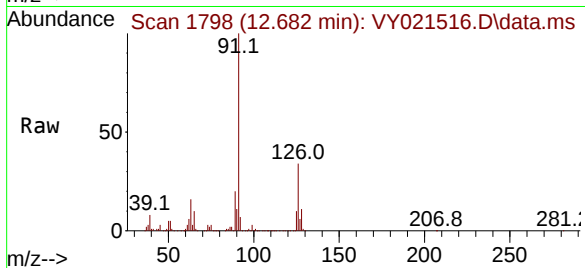
VSTDCCC050

Tgt Ion: 91 Resp: 420644

Ion Ratio Lower Upper

91 100

126 33.5 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 50.329 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021516.D

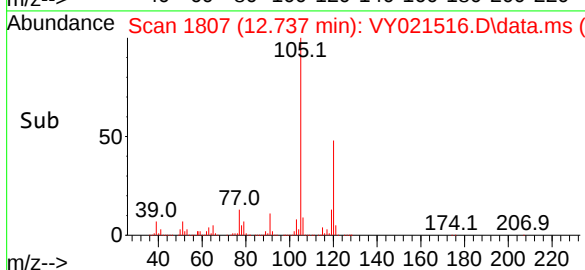
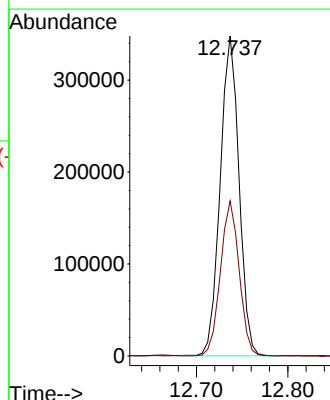
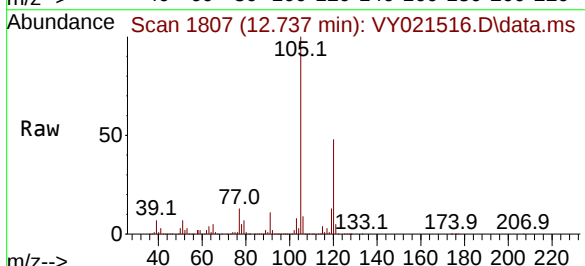
Acq: 13 Mar 2025 10:31

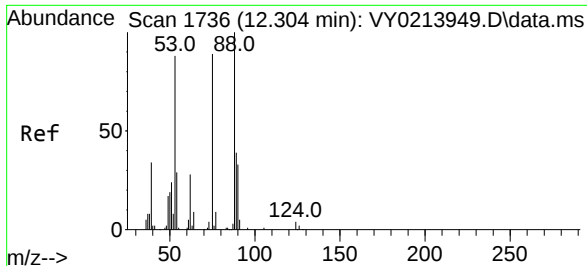
Tgt Ion:105 Resp: 497679

Ion Ratio Lower Upper

105 100

120 48.2 24.6 73.6

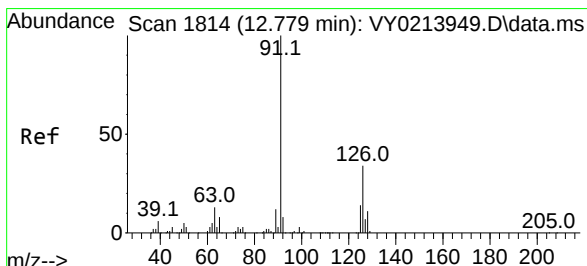
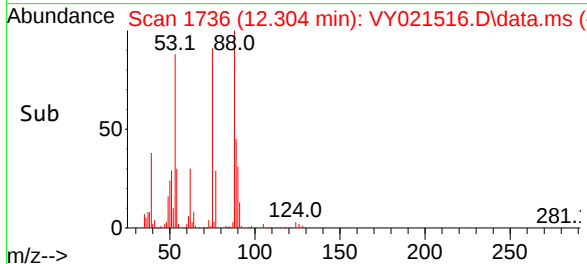
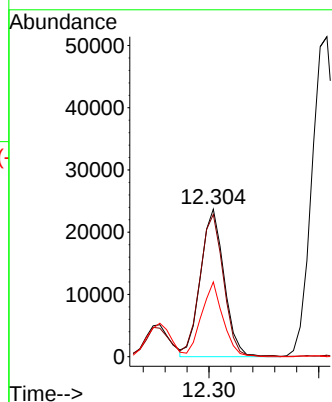
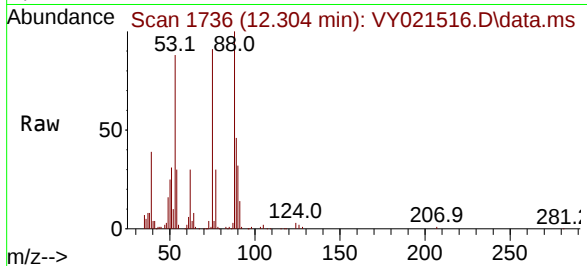




#81
trans-1,4-Dichloro-2-butene
Concen: 51.831 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

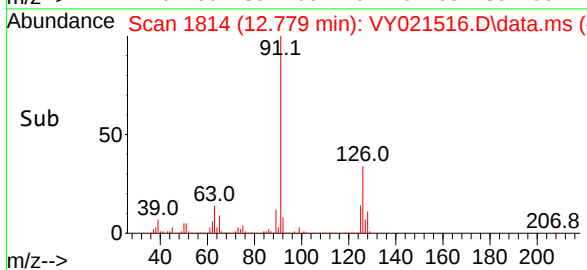
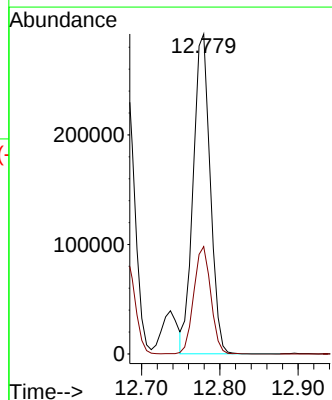
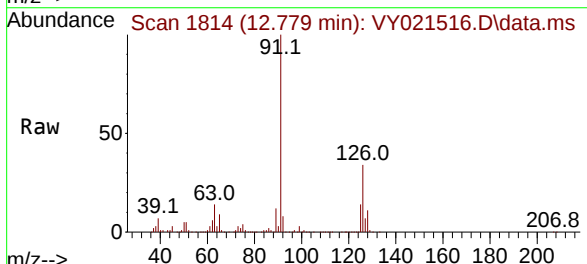
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

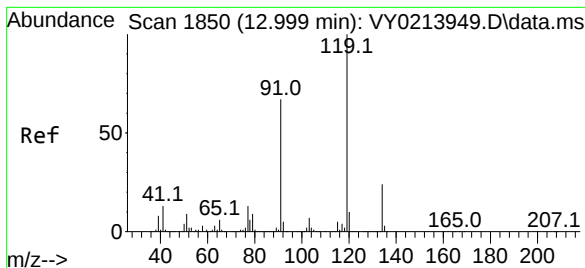
Tgt Ion: 75 Resp: 35490
Ion Ratio Lower Upper
75 100
53 95.1 81.0 121.4
89 45.8 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.279 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 91 Resp: 439942
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0

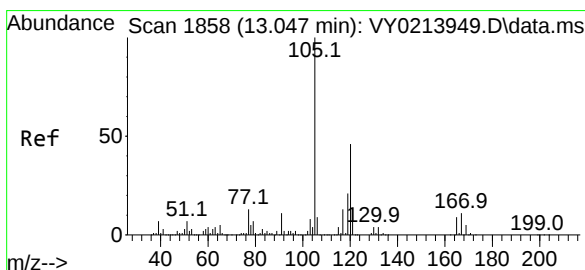
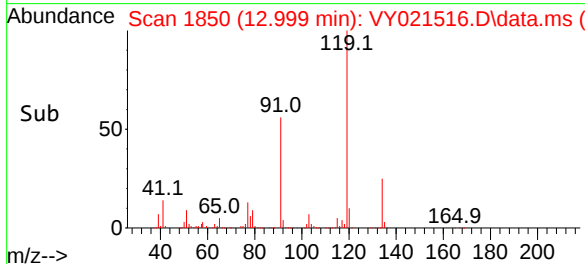
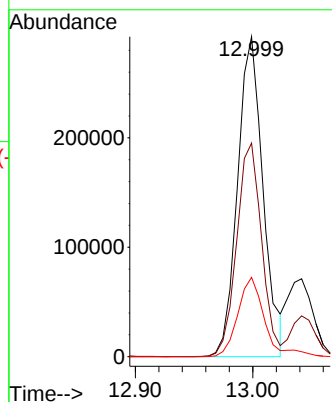
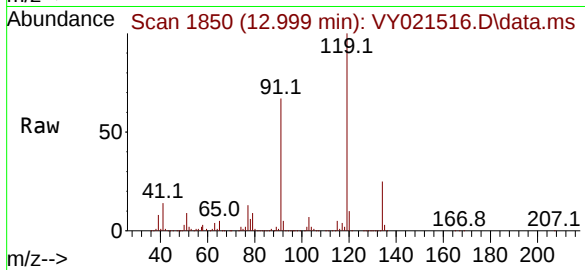




#83
 tert-Butylbenzene
 Concen: 50.008 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

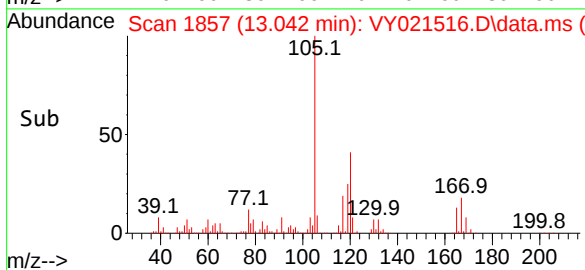
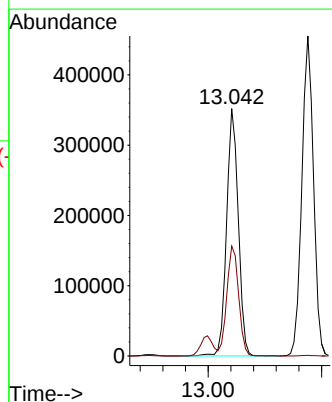
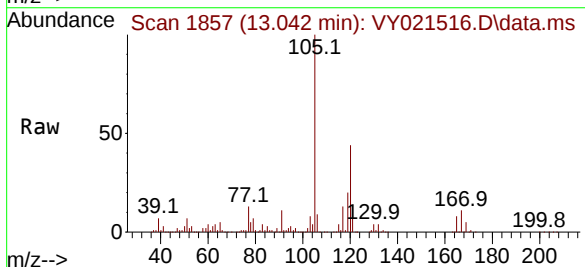
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

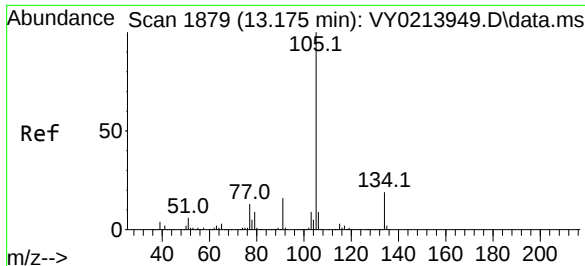
Tgt Ion:119 Resp: 441150
 Ion Ratio Lower Upper
 119 100
 91 65.3 33.2 99.6
 134 26.0 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 51.215 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

Tgt Ion:105 Resp: 502842
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.7 68.1

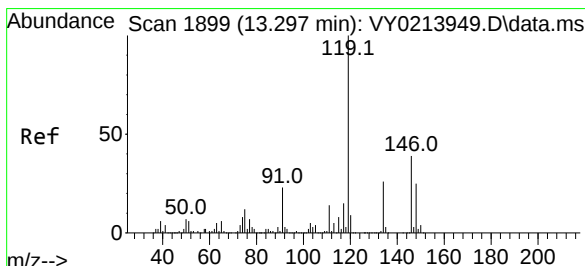
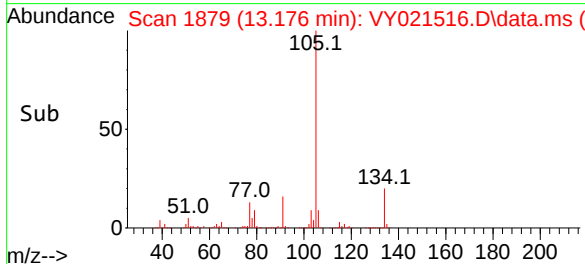
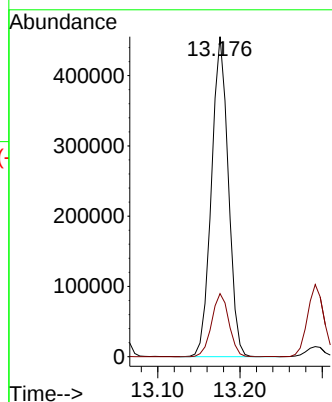
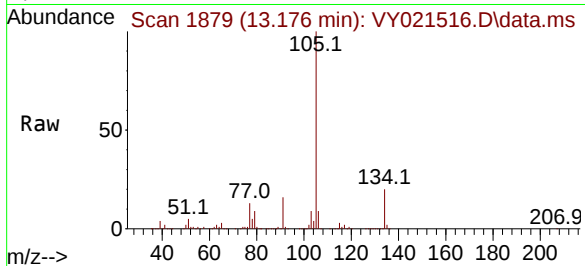




#85
 sec-Butylbenzene
 Concen: 49.261 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

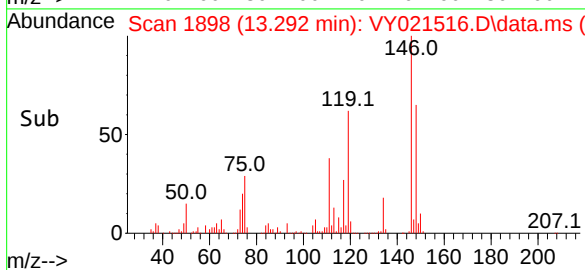
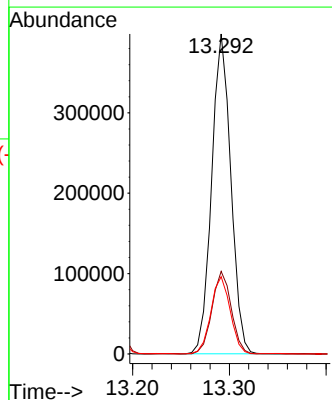
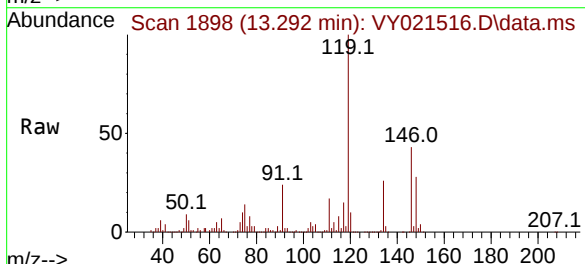
Instrument :
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 ClientSampleId :
 VSTDCCC050

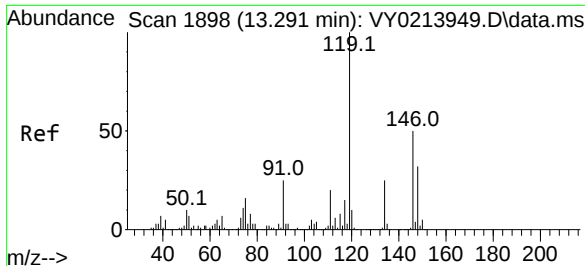
Tgt Ion:105 Resp: 646559
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 50.653 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.006 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

Tgt Ion:119 Resp: 547718
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.1
 91 24.3 12.2 36.6

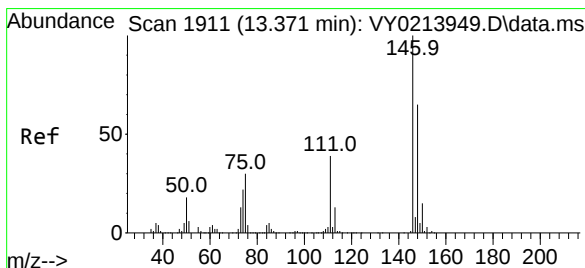
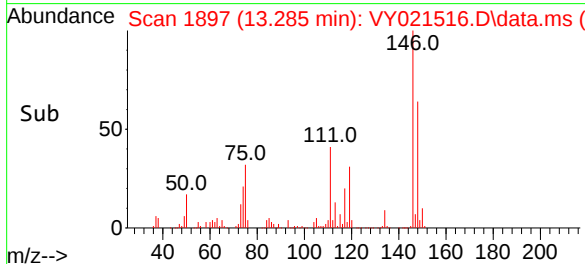
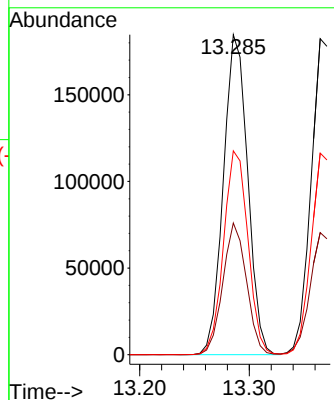
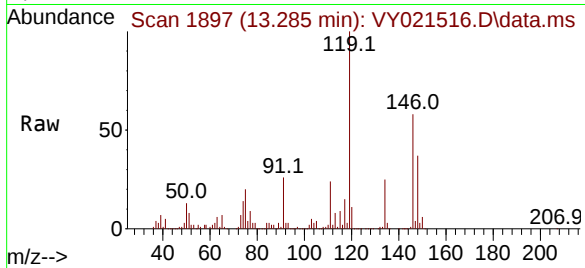




#87
 1,3-Dichlorobenzene
 Concen: 50.151 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

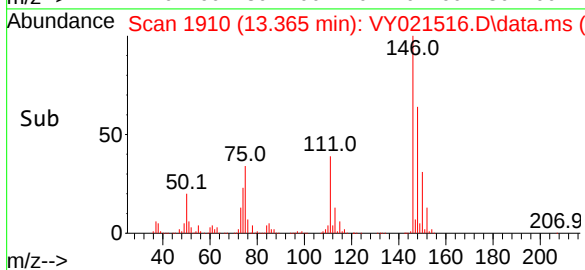
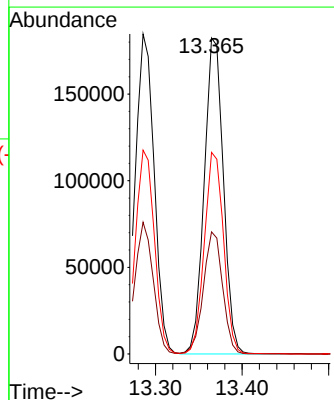
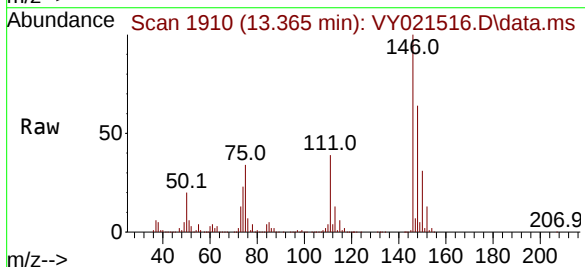
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

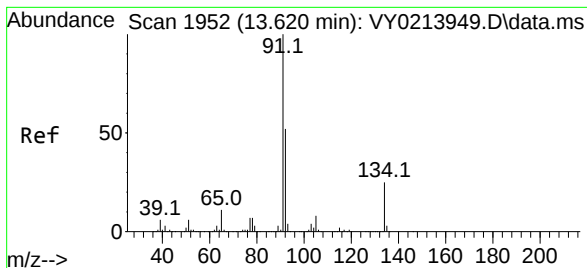
Tgt Ion:146 Resp: 284184
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 60.0
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.573 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

Tgt Ion:146 Resp: 280265
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.6 58.8
 148 64.1 32.3 96.8





#89

n-Butylbenzene

Concen: 51.198 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021516.D

Acq: 13 Mar 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

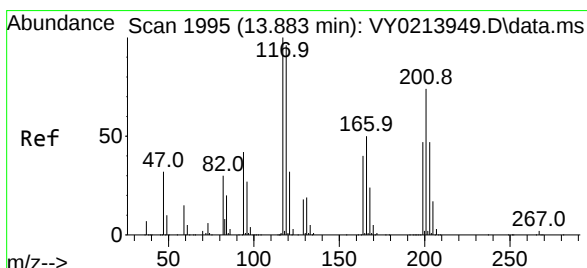
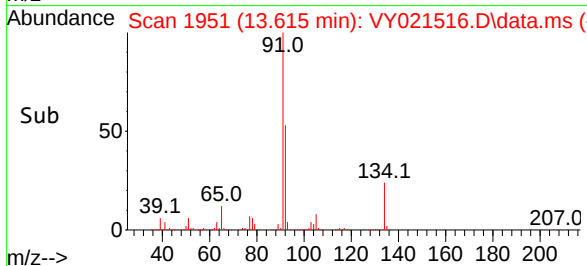
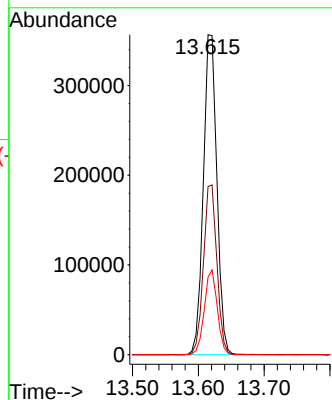
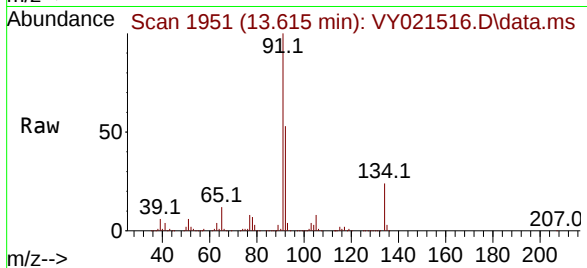
Tgt Ion: 91 Resp: 511203

Ion Ratio Lower Upper

91 100

92 52.6 26.1 78.3

134 25.3 12.6 37.8



#90

Hexachloroethane

Concen: 48.815 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021516.D

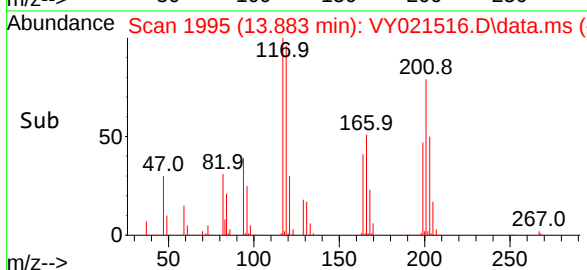
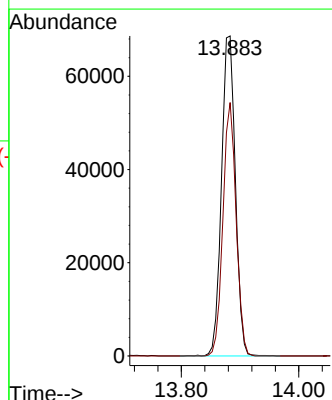
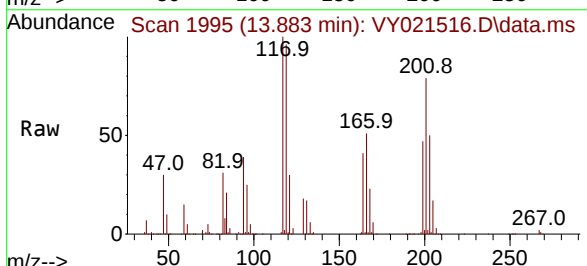
Acq: 13 Mar 2025 10:31

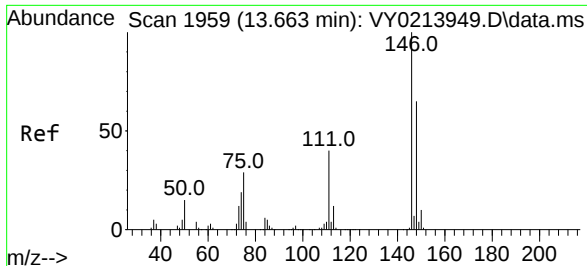
Tgt Ion: 117 Resp: 112606

Ion Ratio Lower Upper

117 100

201 75.2 37.4 112.2

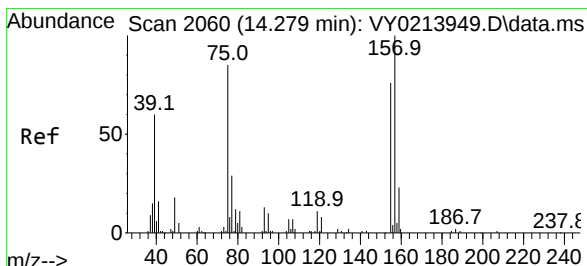
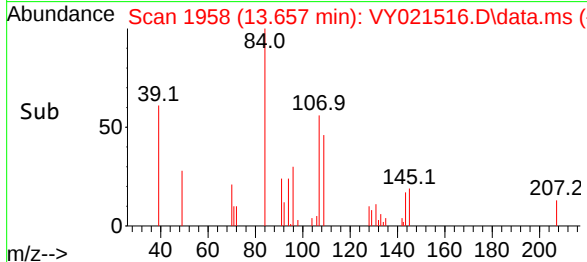
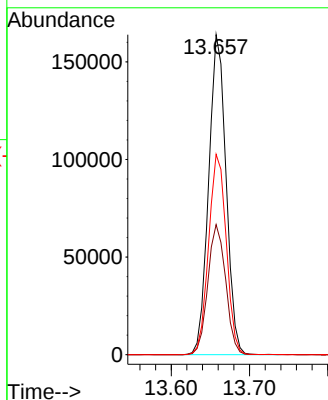
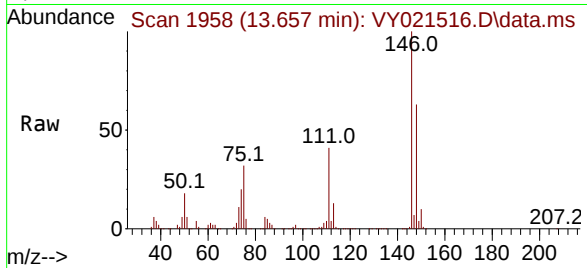




#91
1,2-Dichlorobenzene
Concen: 51.908 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

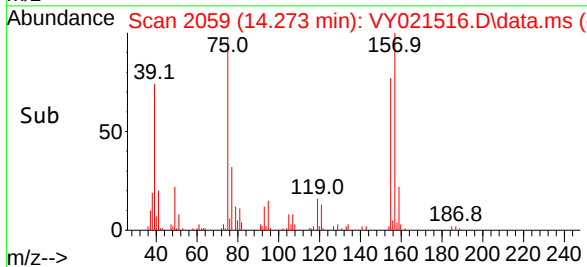
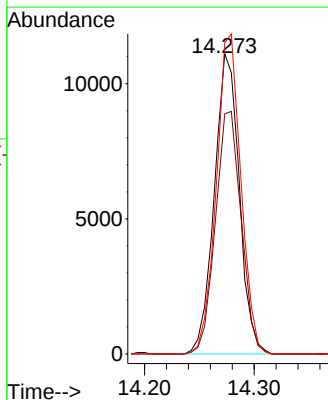
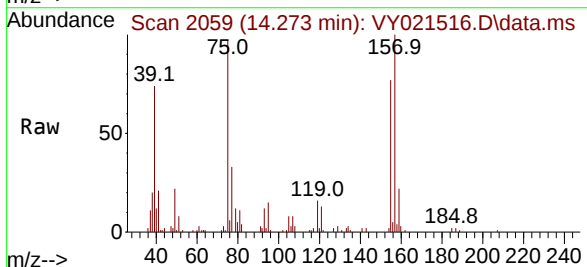
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

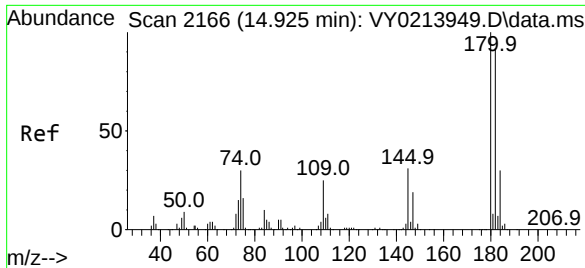
Tgt Ion:146 Resp: 252105
Ion Ratio Lower Upper
146 100
111 41.7 20.7 62.1
148 63.7 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.553 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion: 75 Resp: 17547
Ion Ratio Lower Upper
75 100
155 83.4 43.5 130.5
157 105.1 54.4 163.2

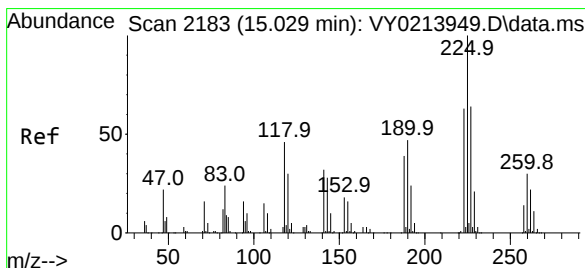
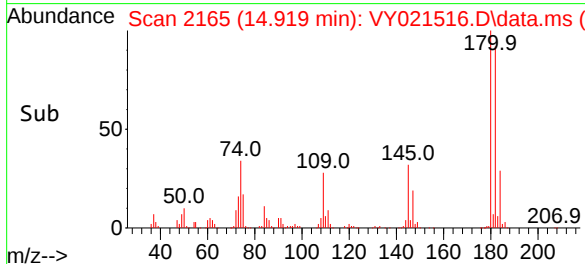
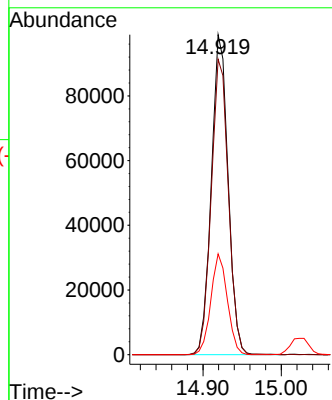
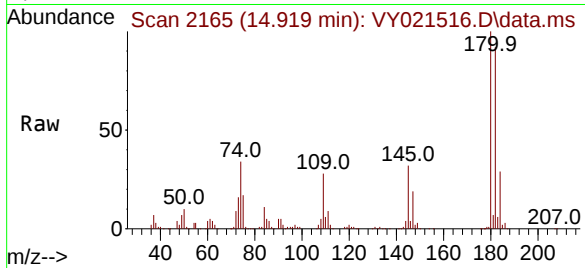




#93
 1,2,4-Trichlorobenzene
 Concen: 55.434 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.006 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

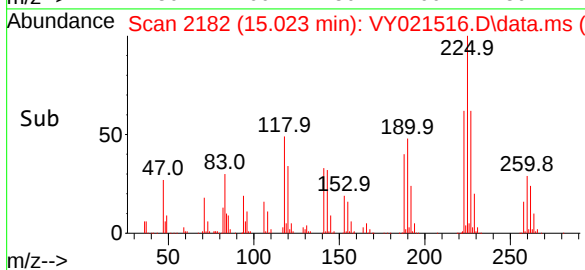
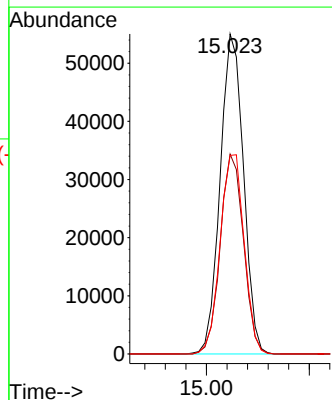
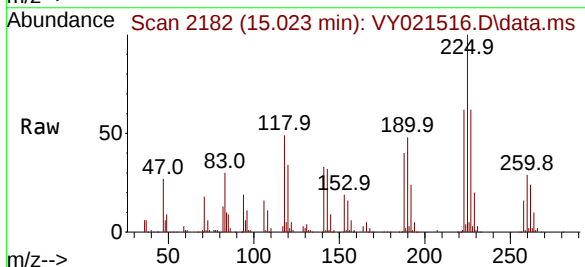
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

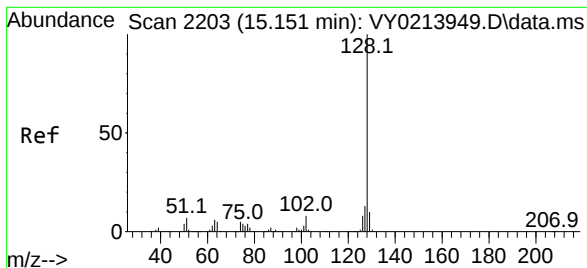
Tgt Ion:180 Resp: 147054
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.7 140.0
 145 30.9 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 52.106 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: VY021516.D
 Acq: 13 Mar 2025 10:31

Tgt Ion:225 Resp: 86645
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.4 94.2
 227 64.1 31.8 95.4

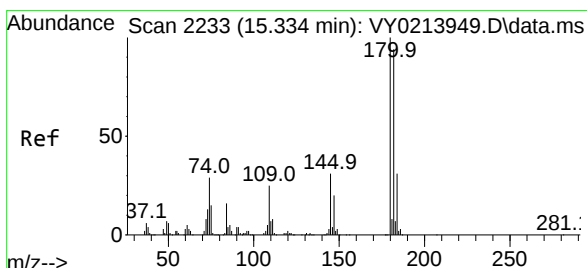
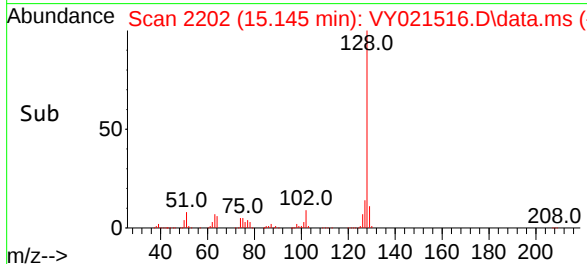
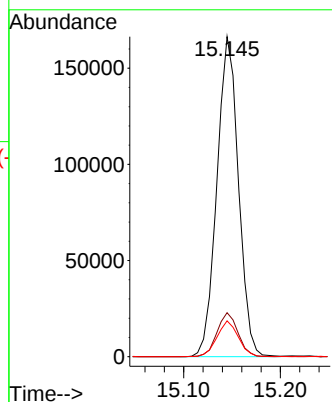
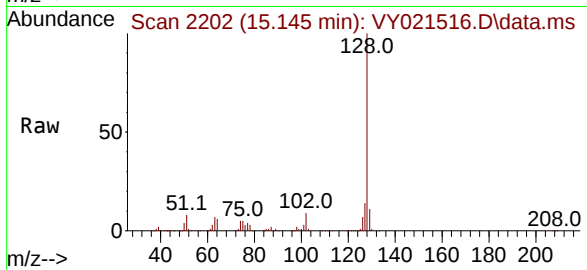




#95
Naphthalene
Concen: 56.552 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 257694
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 57.401 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY021516.D
Acq: 13 Mar 2025 10:31

Tgt Ion:180 Resp: 128067
Ion Ratio Lower Upper
180 100
182 94.7 47.2 141.6
145 31.1 16.4 49.1

