

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051225\
 Data File : VY022211.D
 Acq On : 12 May 2025 09:51
 Operator : SY/MD
 Sample : VY0512SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBS01

Quant Time: May 13 02:16:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	216263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	338089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	309790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	162833	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	109166	54.649	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.300%			
35) Dibromofluoromethane	7.640	113	119160	53.349	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.700%			
50) Toluene-d8	10.109	98	451944	53.671	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.340%			
62) 4-Bromofluorobenzene	12.408	95	149962	52.902	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	36373	19.738	ug/l	96
3) Chloromethane	2.068	50	60978	23.239	ug/l	100
4) Vinyl Chloride	2.202	62	72683	22.541	ug/l	99
5) Bromomethane	2.592	94	79139	28.488	ug/l	98
6) Chloroethane	2.733	64	55086	25.085	ug/l	99
7) Trichlorofluoromethane	3.050	101	93668	22.030	ug/l	96
8) Diethyl Ether	3.452	74	23346	21.096	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	50787	22.019	ug/l	98
10) Methyl Iodide	4.007	142	53890	20.180	ug/l	98
11) Tert butyl alcohol	4.897	59	11721	106.879	ug/l #	92
12) 1,1-Dichloroethene	3.787	96	44237	20.576	ug/l	96
13) Acrolein	3.653	56	7643	38.831	ug/l	99
14) Allyl chloride	4.385	41	54138	21.627	ug/l	96
15) Acrylonitrile	5.067	53	45636	112.642	ug/l	96
16) Acetone	3.885	43	30820	105.529	ug/l	95
17) Carbon Disulfide	4.104	76	136650	19.935	ug/l	98
18) Methyl Acetate	4.391	43	22051	23.632	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	100357	20.856	ug/l	96
20) Methylene Chloride	4.610	84	53749	21.279	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	50618	21.023	ug/l	95
22) Diisopropyl ether	6.019	45	126733	22.749	ug/l	94
23) Vinyl Acetate	5.964	43	332390	110.711	ug/l	99
24) 1,1-Dichloroethane	5.915	63	86946	22.516	ug/l	99
25) 2-Butanone	6.903	43	48902	107.397	ug/l	97
26) 2,2-Dichloropropane	6.884	77	74166	21.914	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	56982	21.166	ug/l	97
28) Bromochloromethane	7.244	49	33757	22.507	ug/l	95
29) Tetrahydrofuran	7.268	42	33147	112.083	ug/l	97
30) Chloroform	7.421	83	96746	22.587	ug/l	97
31) Cyclohexane	7.701	56	68898	20.865	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	84194	21.727	ug/l	98
36) 1,1-Dichloropropene	7.835	75	65523	21.839	ug/l	98
37) Ethyl Acetate	6.988	43	24148	22.410	ug/l	97
38) Carbon Tetrachloride	7.817	117	79467	22.165	ug/l	95
39) Methylcyclohexane	9.109	83	75338	19.953	ug/l	93
40) Benzene	8.079	78	206390	22.006	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	10178	17.278	ug/l #	74
42) 1,2-Dichloroethane	8.158	62	52252	22.502	ug/l	100
43) Isopropyl Acetate	8.195	43	47302	22.858	ug/l	98
44) Trichloroethene	8.866	130	55659	21.425	ug/l	95
45) 1,2-Dichloropropane	9.140	63	47168	22.742	ug/l	97
46) Dibromomethane	9.231	93	28643	22.061	ug/l	99
47) Bromodichloromethane	9.420	83	74034	22.825	ug/l	97
48) Methyl methacrylate	9.219	41	19984	20.890	ug/l	96
49) 1,4-Dioxane	9.244	88	5888	425.482	ug/l	90
51) 4-Methyl-2-Pentanone	10.000	43	123141	113.516	ug/l	96
52) Toluene	10.170	92	134859	22.214	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	59031	21.218	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	73116	22.109	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	38454	22.173	ug/l	95
56) Ethyl methacrylate	10.438	69	40792	20.568	ug/l	97
57) 1,3-Dichloropropane	10.719	76	62382	22.437	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	104794	108.069	ug/l	100
59) 2-Hexanone	10.762	43	80325	112.262	ug/l	95
60) Dibromochloromethane	10.908	129	54387	22.651	ug/l	98
61) 1,2-Dibromoethane	11.012	107	36377	22.218	ug/l	99
64) Tetrachloroethene	10.646	164	65477	22.405	ug/l	96
65) Chlorobenzene	11.444	112	148671	21.460	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	54779	22.460	ug/l	99
67) Ethyl Benzene	11.518	91	233947	20.644	ug/l	100
68) m/p-Xylenes	11.627	106	192656	42.722	ug/l	99
69) o-Xylene	11.957	106	85003	20.451	ug/l	97
70) Styrene	11.969	104	146776	21.032	ug/l	99
71) Bromoform	12.133	173	31521	22.230	ug/l #	98
73) Isopropylbenzene	12.255	105	227948	20.953	ug/l	100
74) N-amyl acetate	12.072	43	39824	21.306	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	41636	22.700	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	53523	38.375	ug/l #	100
77) Bromobenzene	12.530	156	58809	21.393	ug/l	97
78) n-propylbenzene	12.597	91	277323	21.406	ug/l	100
79) 2-Chlorotoluene	12.682	91	162059	21.509	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	193096	21.542	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	12330	21.289	ug/l	96
82) 4-Chlorotoluene	12.780	91	171823	21.938	ug/l	100
83) tert-Butylbenzene	12.999	119	167936	20.890	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	194646	21.710	ug/l	99
85) sec-Butylbenzene	13.176	105	251857	21.410	ug/l	99
86) p-Isopropyltoluene	13.292	119	207628	20.785	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	121365	21.737	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	120102	21.720	ug/l	99
89) n-Butylbenzene	13.615	91	183111	20.508	ug/l	99
90) Hexachloroethane	13.877	117	47889	21.820	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	106964	21.965	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6603	22.628	ug/l	93
93) 1,2,4-Trichlorobenzene	14.919	180	55017	19.937	ug/l	99
94) Hexachlorobutadiene	15.023	225	35158	20.708	ug/l	99
95) Naphthalene	15.145	128	86483	18.866	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	47559	19.966	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

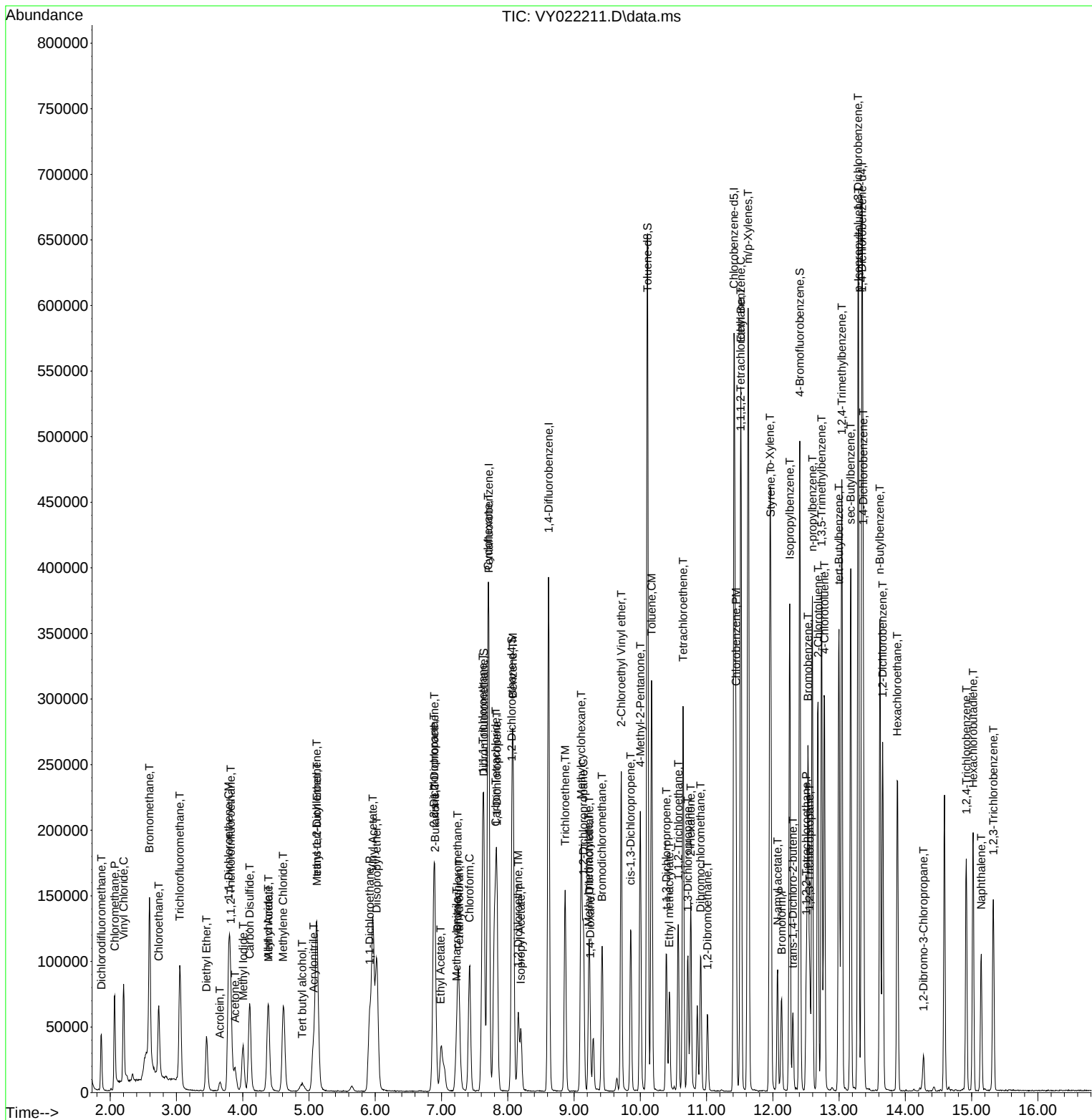
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MSVOA_Y
ClientSampleId :
VY0512SBSD01

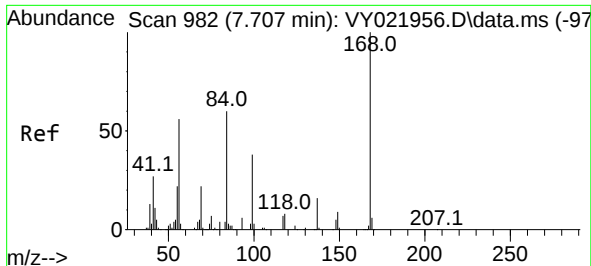
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Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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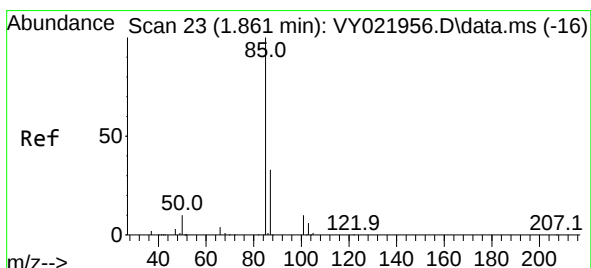
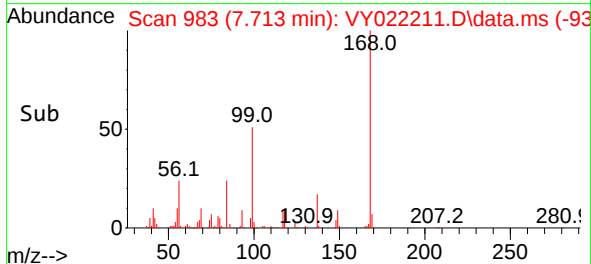
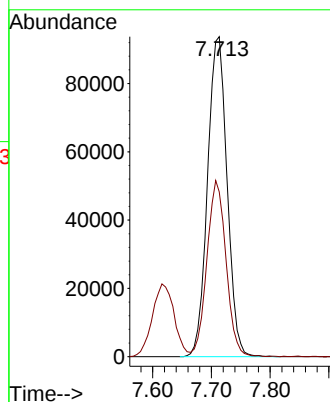
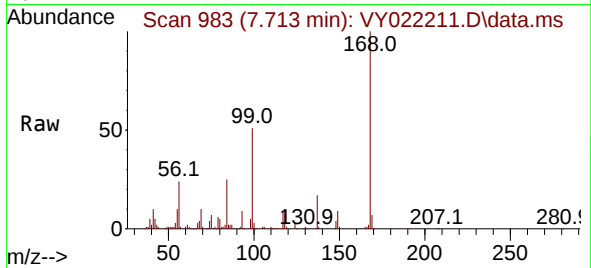




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY022211.D
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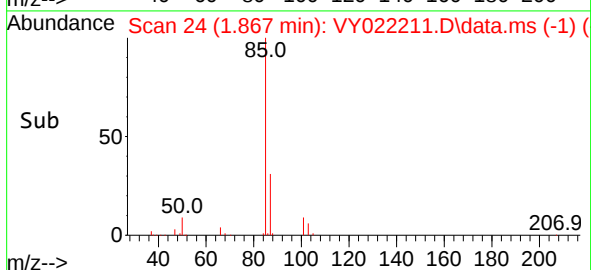
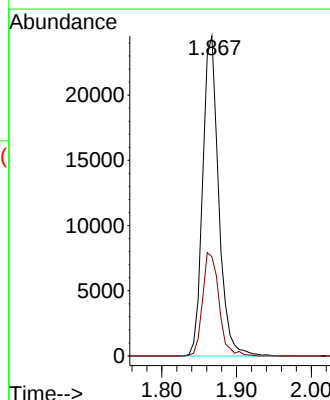
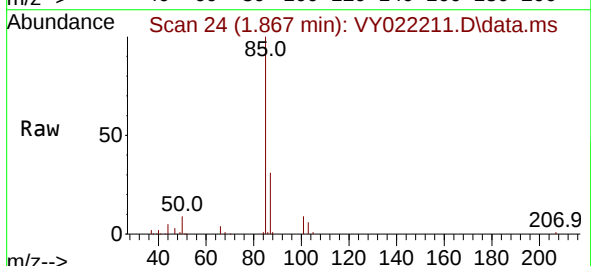
Instrument :
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ClientSampleId :
VY0512SBSD01

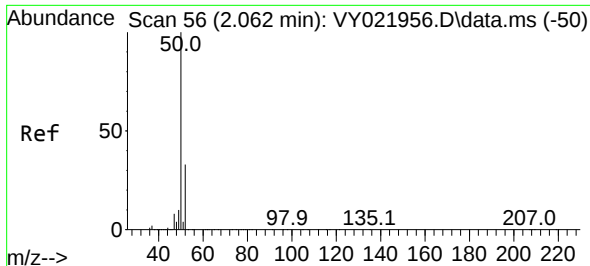
Tgt Ion:168 Resp: 216263
Ion Ratio Lower Upper
168 100
99 51.5 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 19.738 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 85 Resp: 36373
Ion Ratio Lower Upper
85 100
87 31.0 16.6 49.7

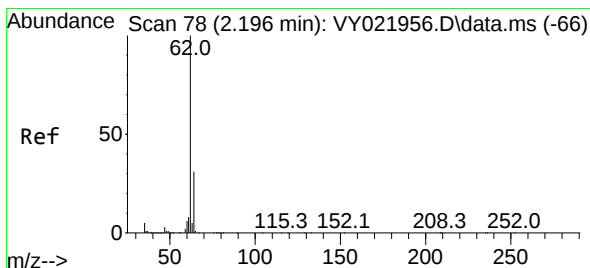
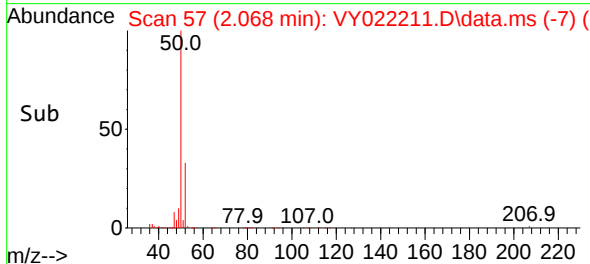
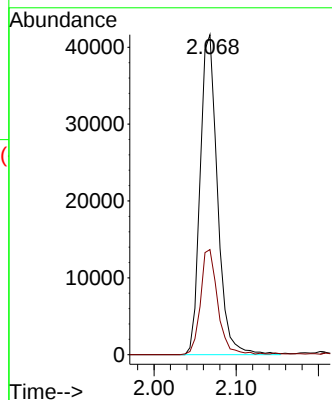
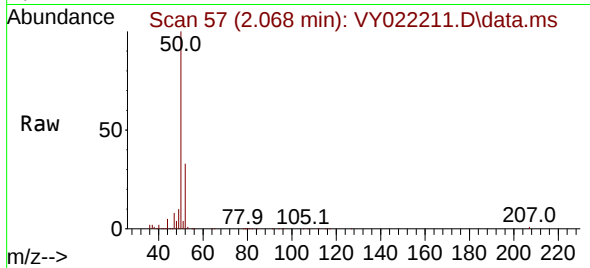




#3
Chloromethane
Concen: 23.239 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

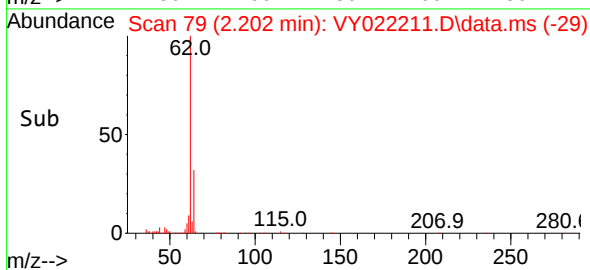
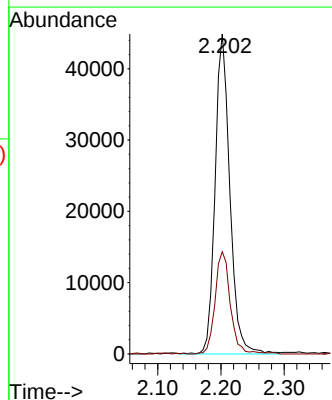
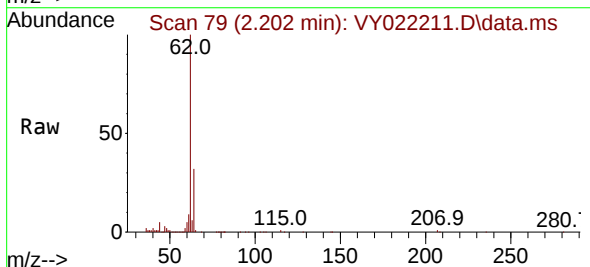
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ClientSampleId :
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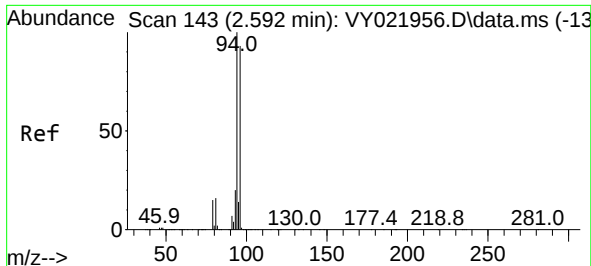
Tgt Ion: 50 Resp: 60978
Ion Ratio Lower Upper
50 100
52 32.8 26.1 39.1



#4
Vinyl Chloride
Concen: 22.541 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 62 Resp: 72683
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7

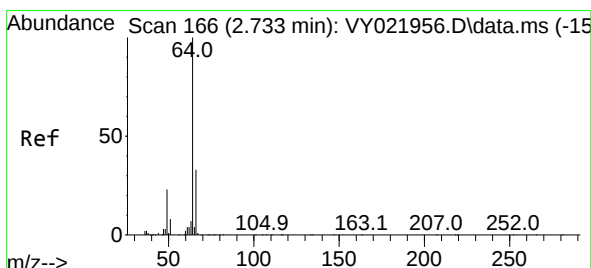
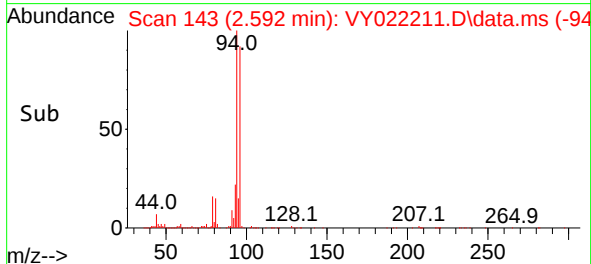
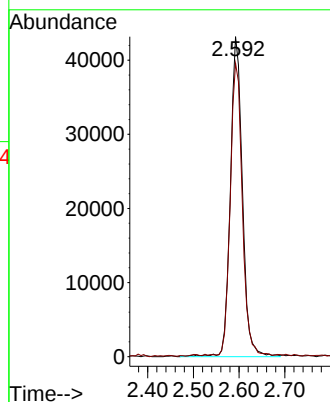
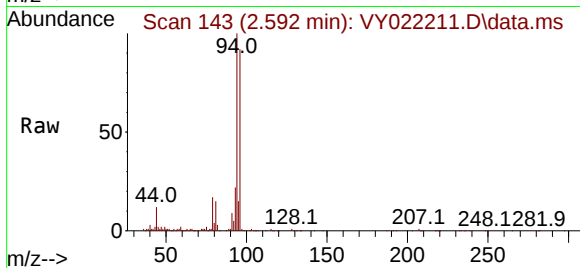




#5
Bromomethane
Concen: 28.488 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

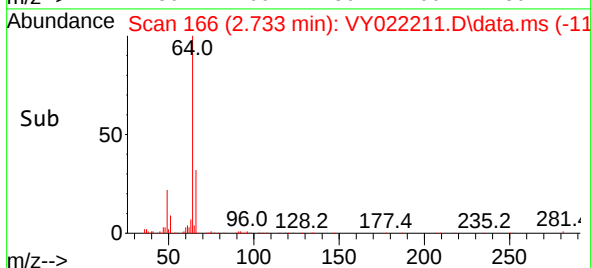
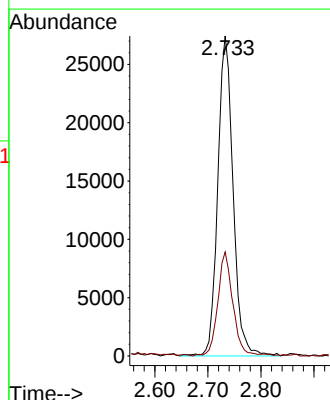
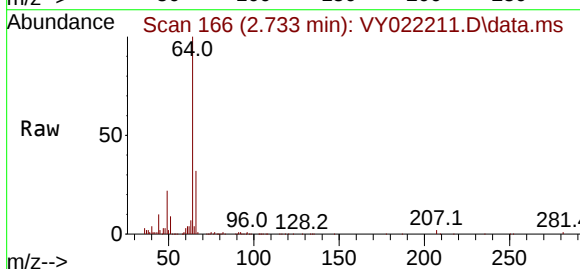
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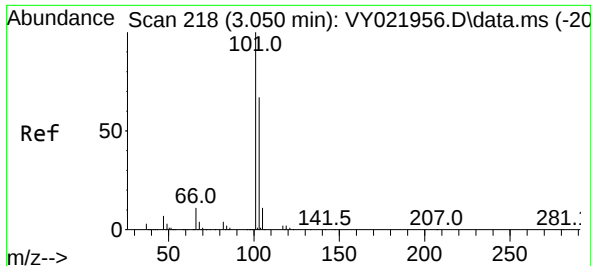
Tgt Ion: 94 Resp: 79139
Ion Ratio Lower Upper
94 100
96 91.3 74.6 111.8



#6
Chloroethane
Concen: 25.085 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022211.D
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Tgt Ion: 64 Resp: 55086
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4

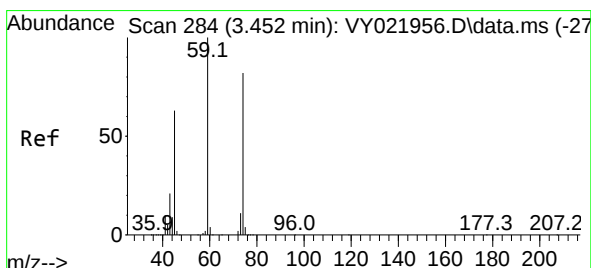
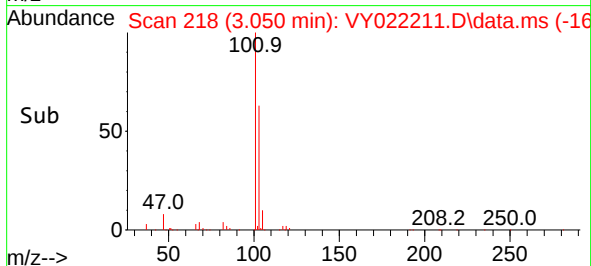
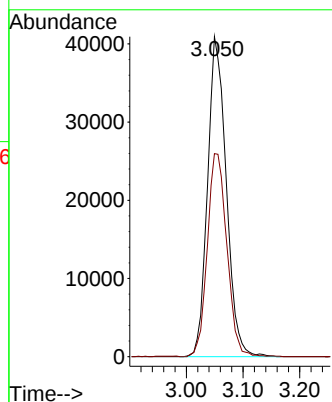
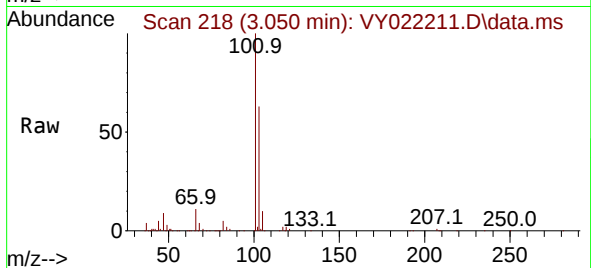




#7
Trichlorofluoromethane
Concen: 22.030 ug/l
RT: 3.050 min Scan# 218
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

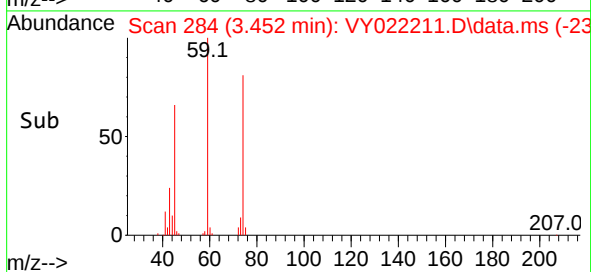
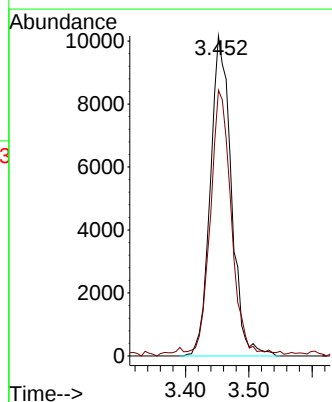
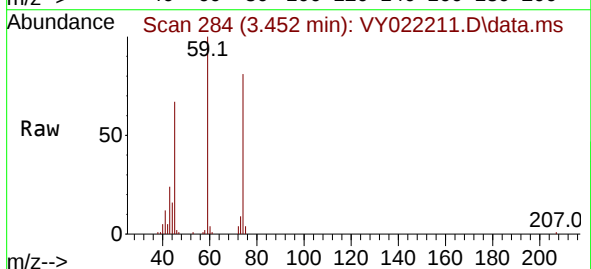
Instrument :
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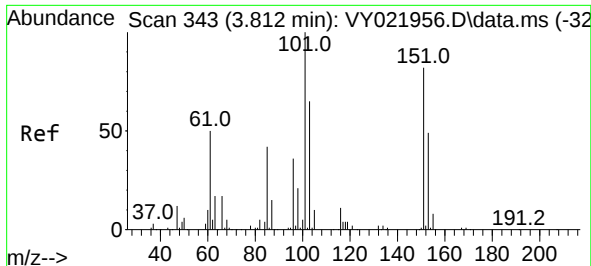
Tgt Ion:101 Resp: 93668
Ion Ratio Lower Upper
101 100
103 63.4 53.6 80.4



#8
Diethyl Ether
Concen: 21.096 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY022211.D
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Tgt Ion: 74 Resp: 23346
Ion Ratio Lower Upper
74 100
45 79.8 39.1 117.5

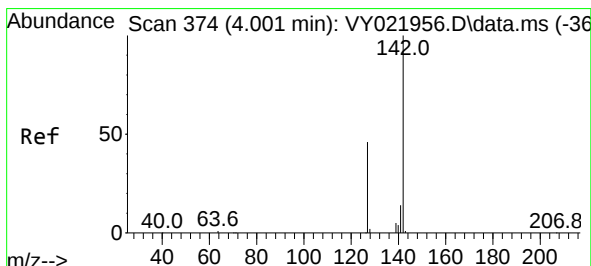
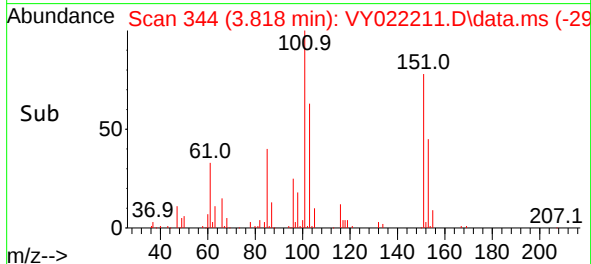
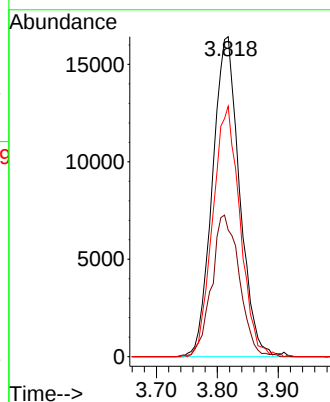
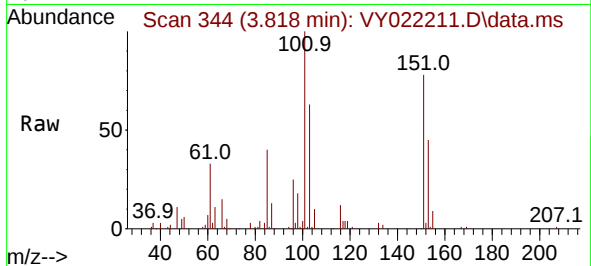




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.019 ug/l
RT: 3.818 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

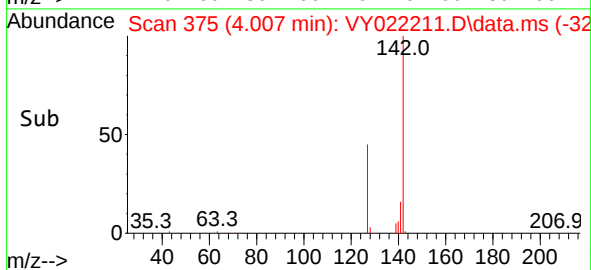
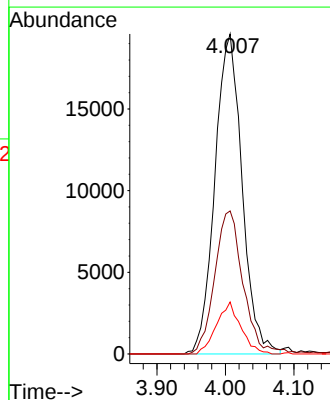
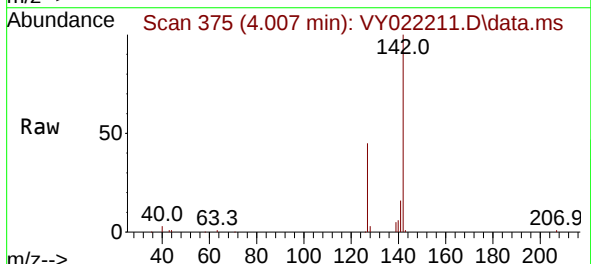
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

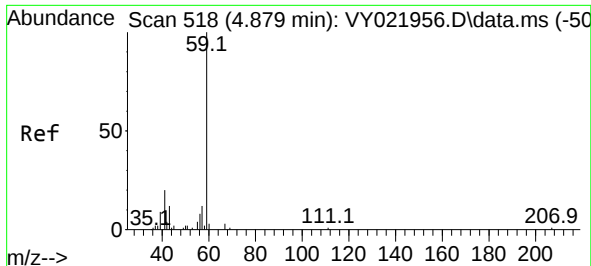
Tgt Ion:101 Resp: 50787
Ion Ratio Lower Upper
101 100
85 45.1 34.6 51.8
151 78.7 63.7 95.5



#10
Methyl Iodide
Concen: 20.180 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion:142 Resp: 53890
Ion Ratio Lower Upper
142 100
127 46.9 36.2 54.2
141 14.5 11.7 17.5

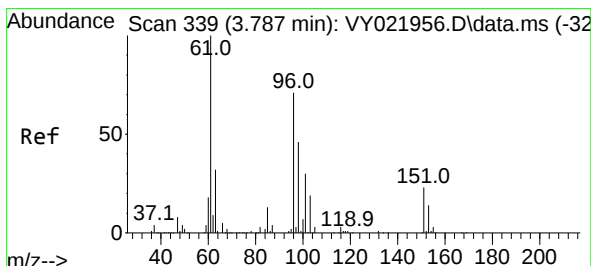
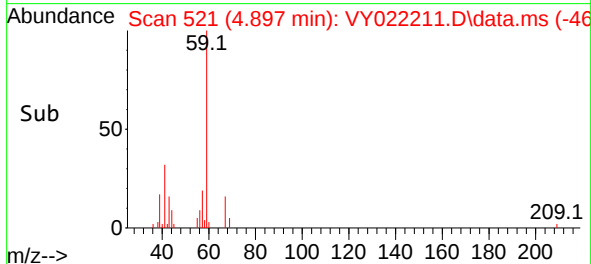
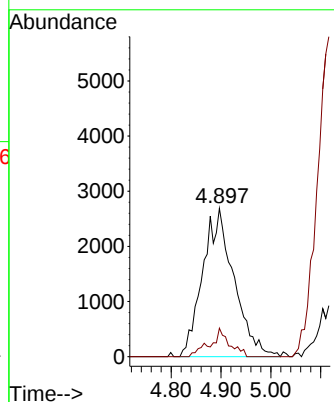
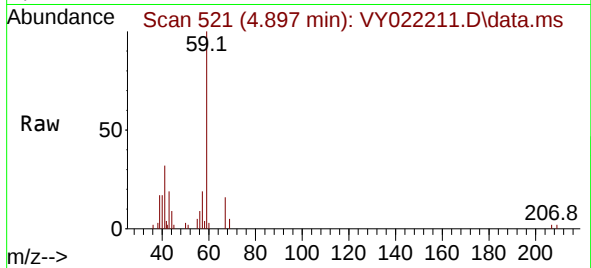




#11
Tert butyl alcohol
Concen: 106.879 ug/l
RT: 4.897 min Scan# 518
Delta R.T. 0.018 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

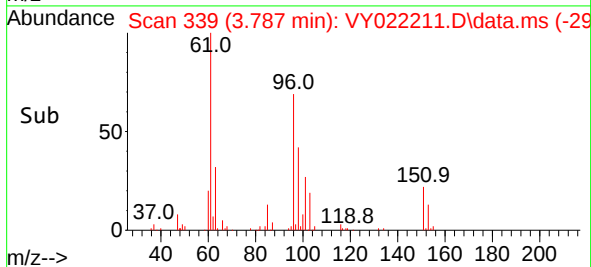
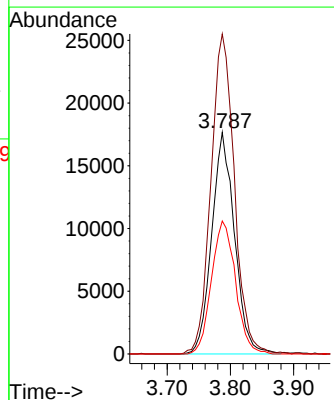
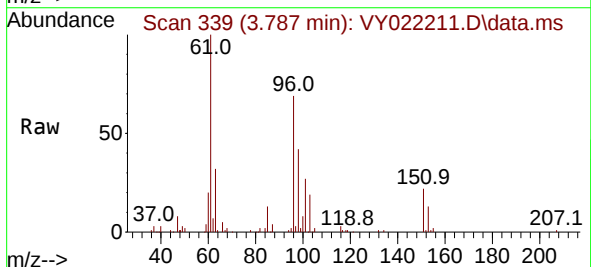
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBS01

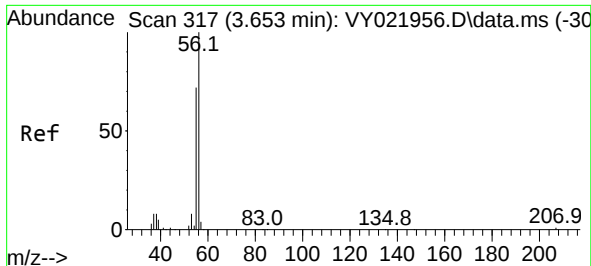
Tgt Ion: 59 Resp: 11721
Ion Ratio Lower Upper
59 100
57 8.5 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 20.576 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 96 Resp: 44237
Ion Ratio Lower Upper
96 100
61 144.4 113.0 169.4
98 60.0 51.4 77.2

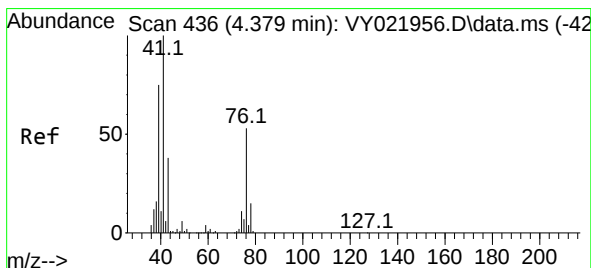
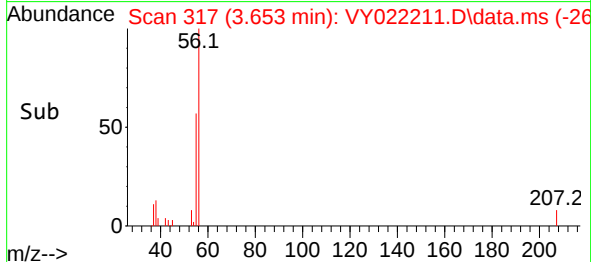
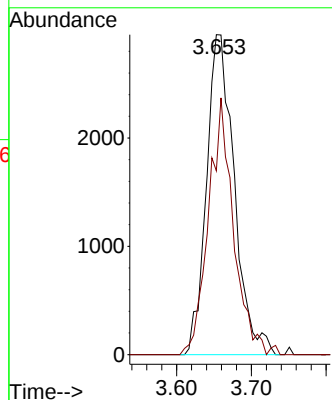
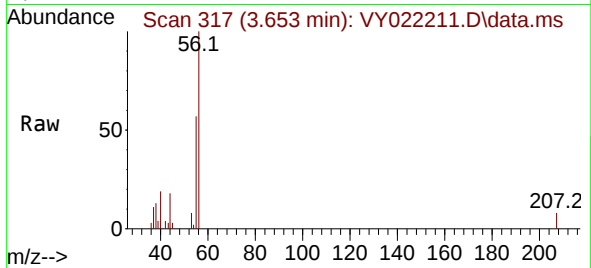




#13
Acrolein
Concen: 38.831 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

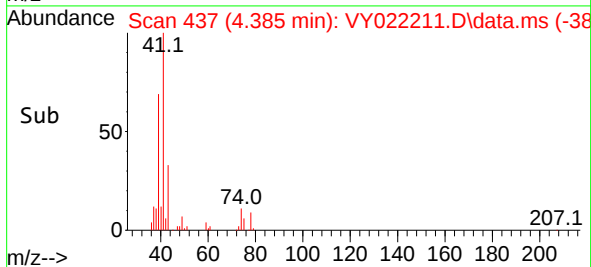
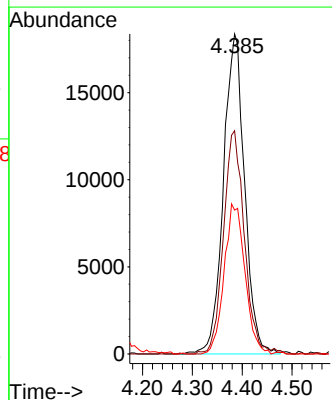
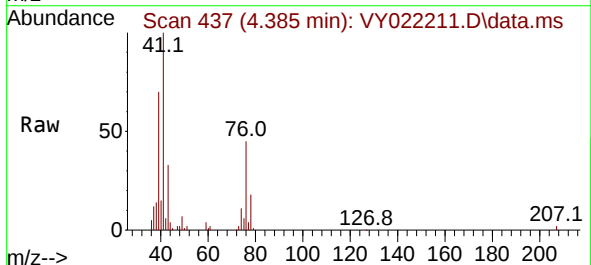
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

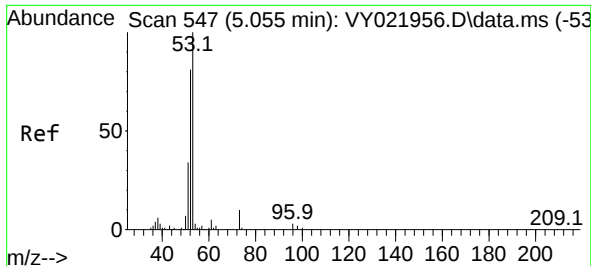
Tgt Ion: 56 Resp: 7643
Ion Ratio Lower Upper
56 100
55 72.4 57.4 86.0



#14
Allyl chloride
Concen: 21.627 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 41 Resp: 54138
Ion Ratio Lower Upper
41 100
39 68.3 57.2 85.8
76 46.2 39.7 59.5

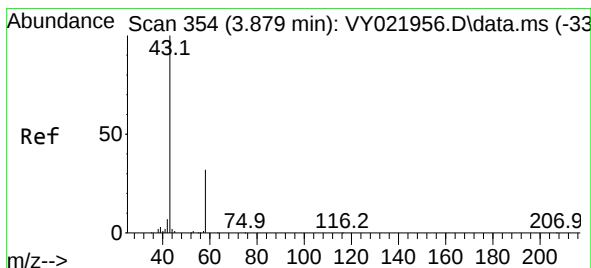
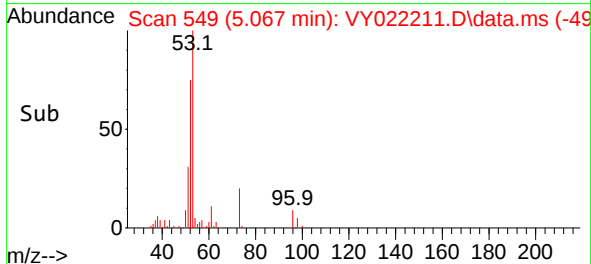
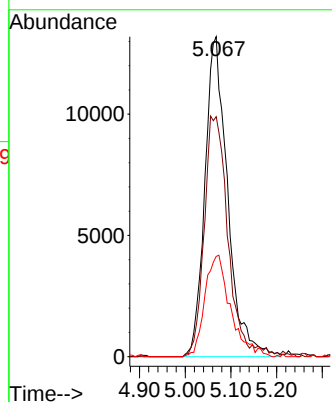
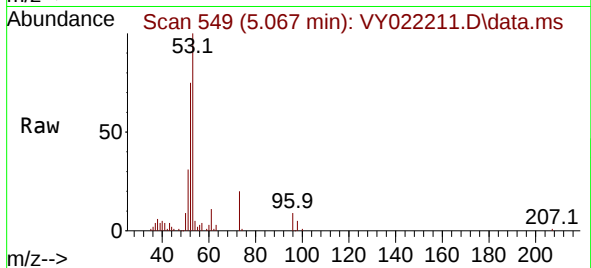




#15
Acrylonitrile
Concen: 112.642 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.012 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

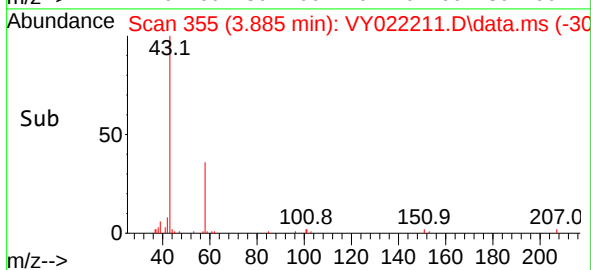
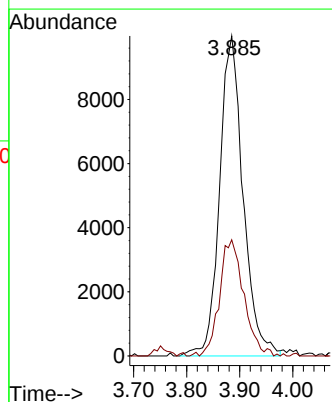
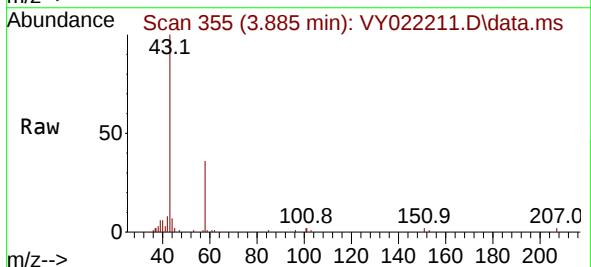
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

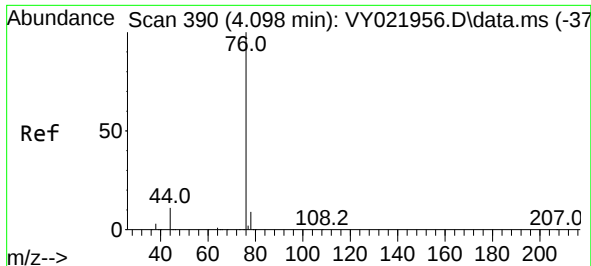
Tgt Ion: 53	Resp: 45636
Ion Ratio	Lower Upper
53 100	
52 76.5	65.0 97.6
51 35.8	28.9 43.3



#16
Acetone
Concen: 105.529 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 43	Resp: 30820
Ion Ratio	Lower Upper
43 100	
58 36.3	27.0 40.4

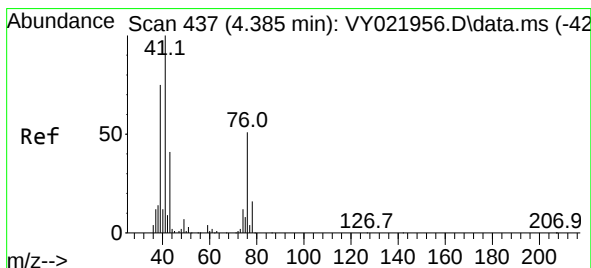
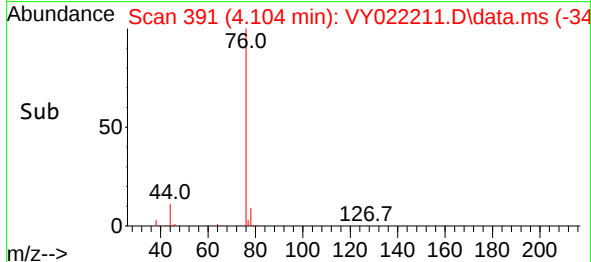
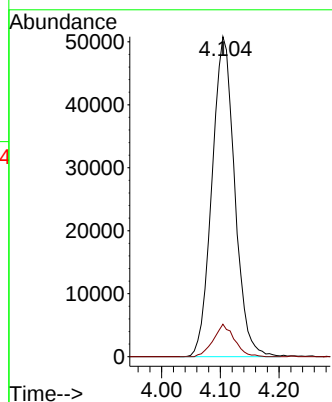
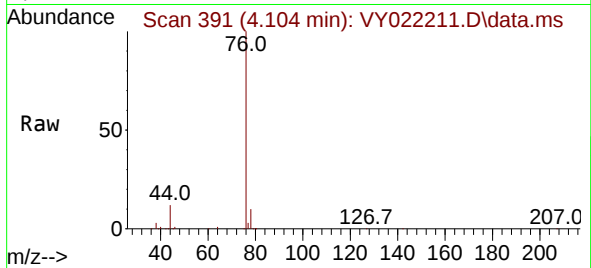




#17
Carbon Disulfide
Concen: 19.935 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

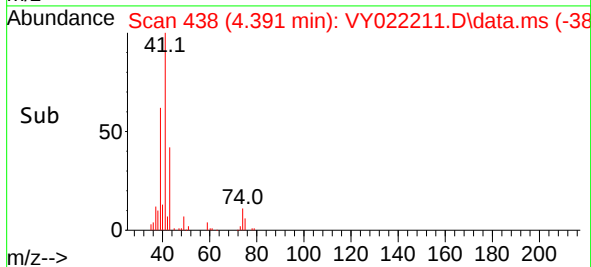
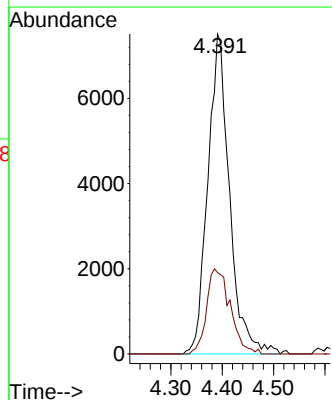
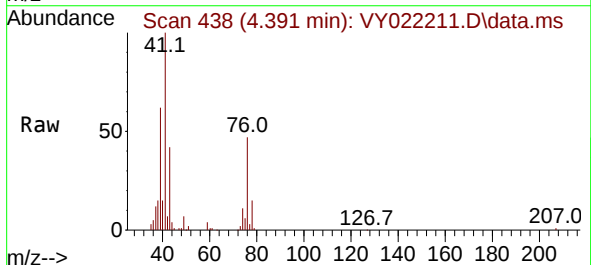
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

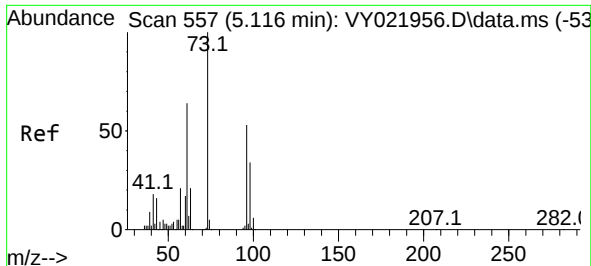
Tgt Ion: 76 Resp: 136650
Ion Ratio Lower Upper
76 100
78 10.1 7.6 11.4



#18
Methyl Acetate
Concen: 23.632 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 43 Resp: 22051
Ion Ratio Lower Upper
43 100
74 29.0 24.2 36.4

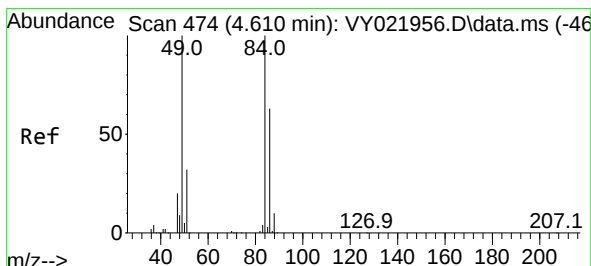
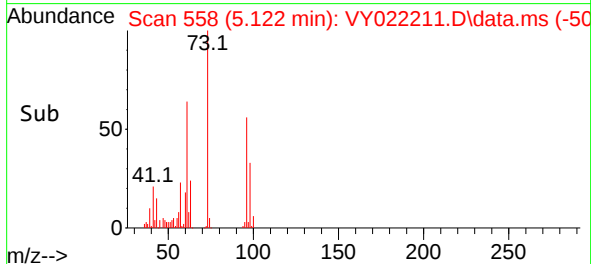
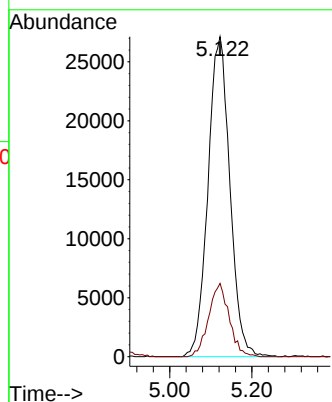
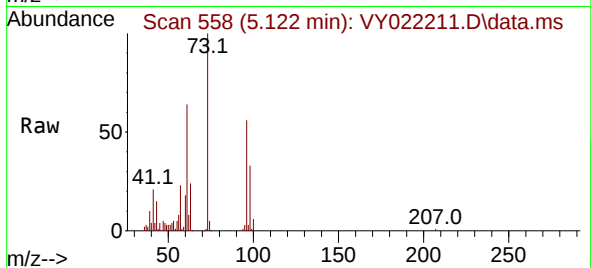




#19
Methyl tert-butyl Ether
Concen: 20.856 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

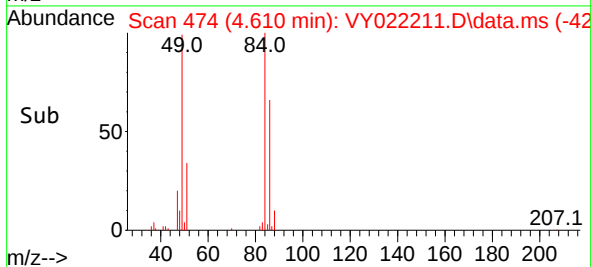
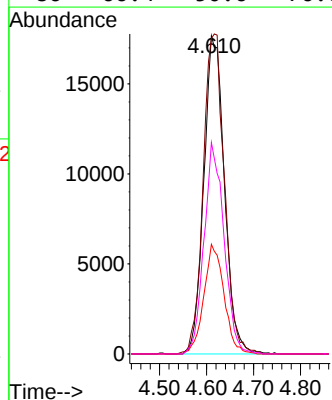
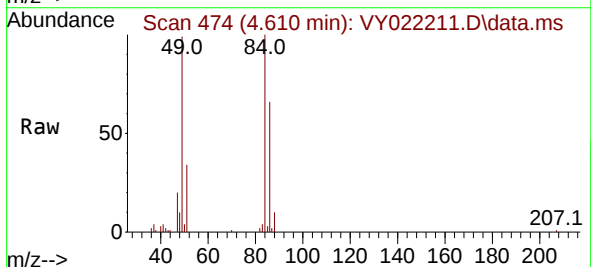
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

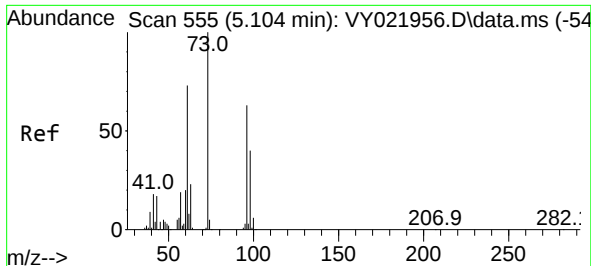
Tgt Ion: 73 Resp: 100357
Ion Ratio Lower Upper
73 100
57 22.9 16.9 25.3



#20
Methylene Chloride
Concen: 21.279 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 84 Resp: 53749
Ion Ratio Lower Upper
84 100
49 99.1 79.9 119.9
51 34.4 25.4 38.0
86 66.4 50.6 76.0

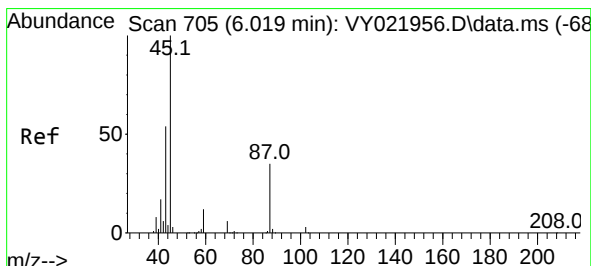
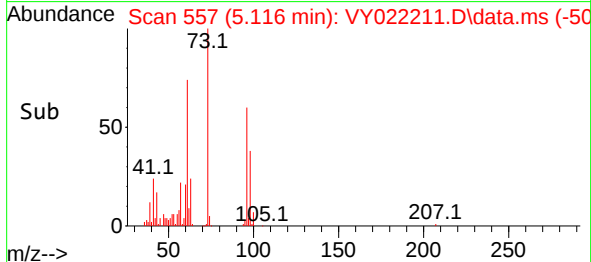
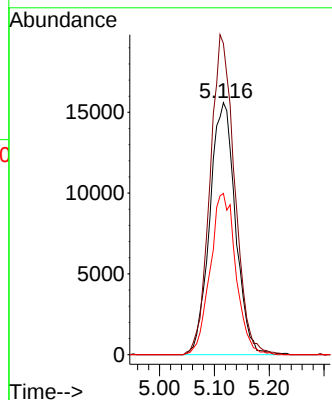
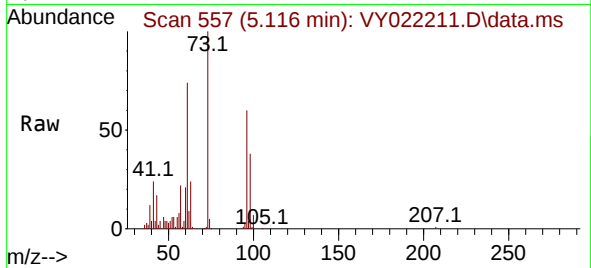




#21
trans-1,2-Dichloroethene
Concen: 21.023 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

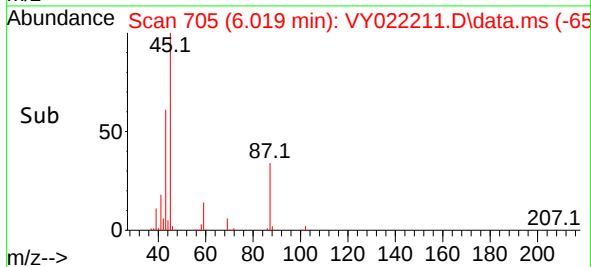
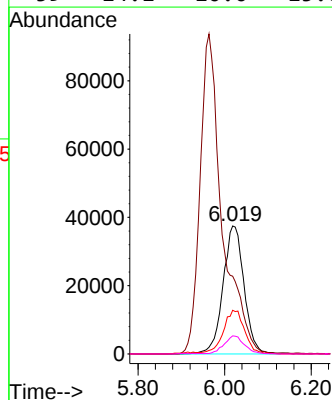
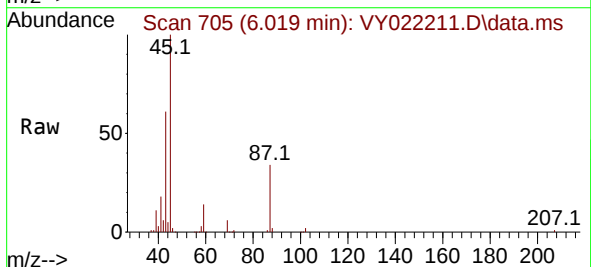
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

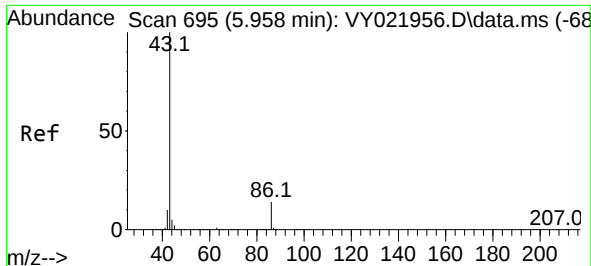
Tgt Ion: 96 Resp: 50618
Ion Ratio Lower Upper
96 100
61 123.5 92.6 138.8
98 64.0 50.2 75.4



#22
Diisopropyl ether
Concen: 22.749 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 45 Resp: 126733
Ion Ratio Lower Upper
45 100
43 60.5 43.6 65.4
87 34.2 28.2 42.4
59 14.1 10.0 15.0

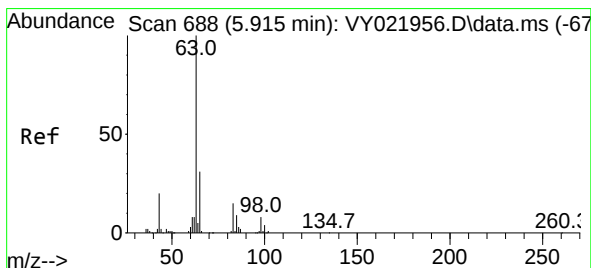
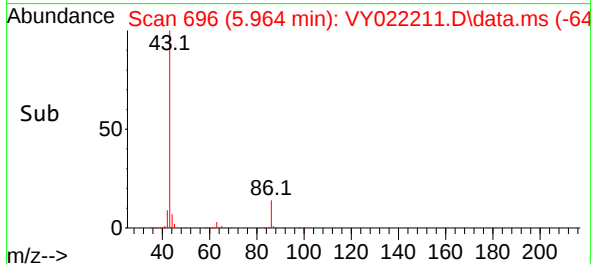
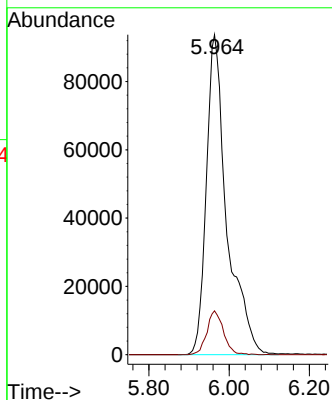
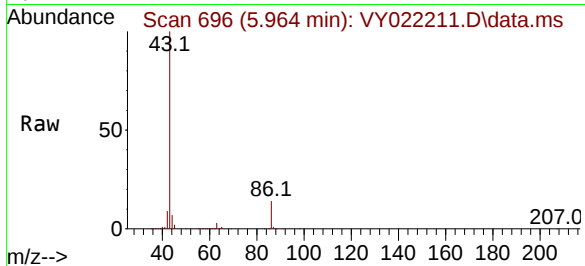




#23
 Vinyl Acetate
 Concen: 110.711 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY022211.D
 Acq: 12 May 2025 09:51

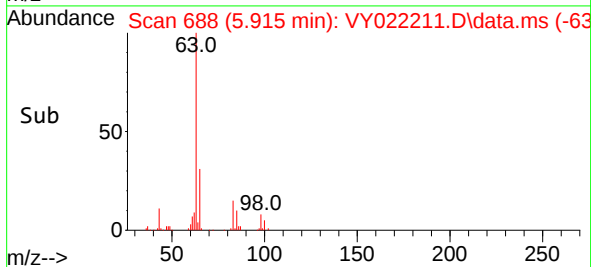
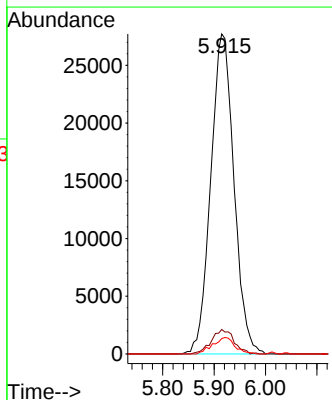
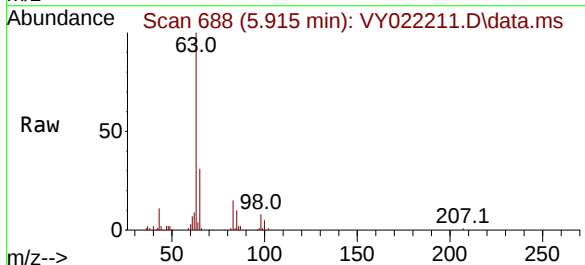
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBSD01

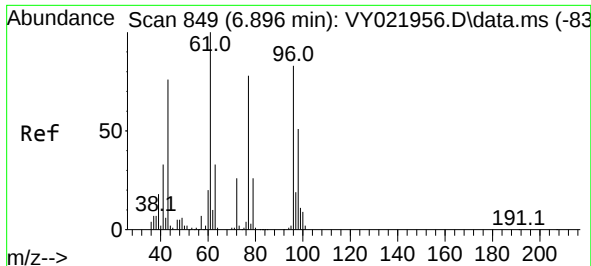
Tgt Ion: 43 Resp: 332390
 Ion Ratio Lower Upper
 43 100
 86 13.7 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 22.516 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022211.D
 Acq: 12 May 2025 09:51

Tgt Ion: 63 Resp: 86946
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 11.9
 100 4.8 2.0 6.0

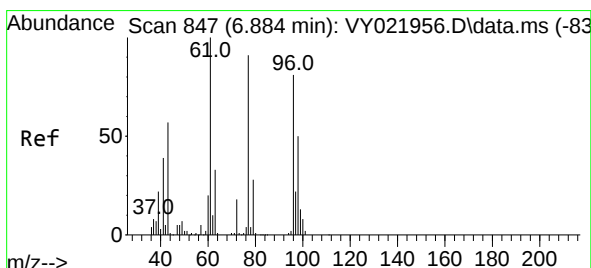
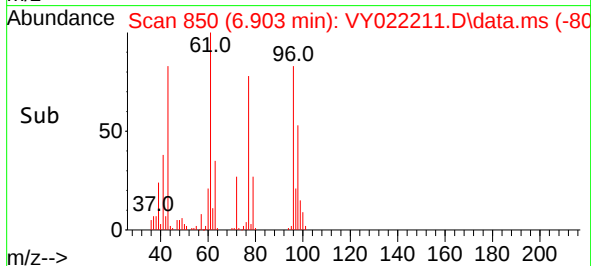
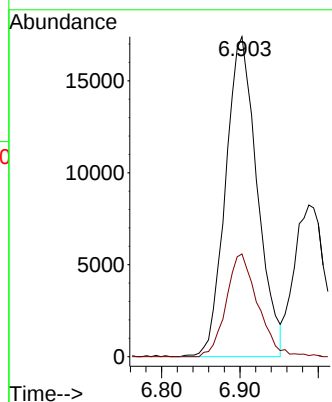
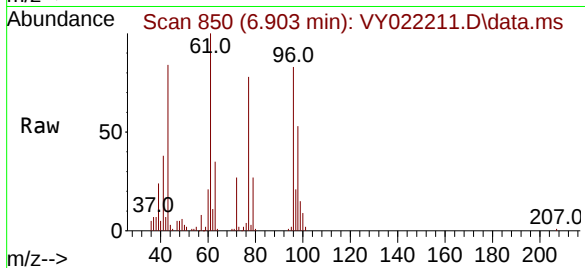




#25
2-Butanone
Concen: 107.397 ug/l
RT: 6.903 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

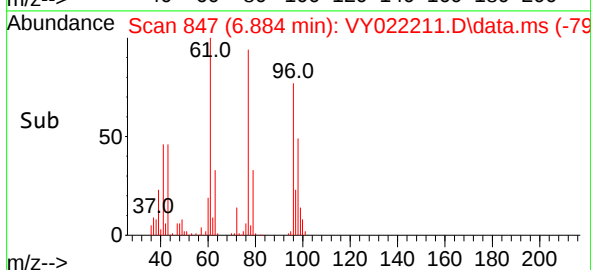
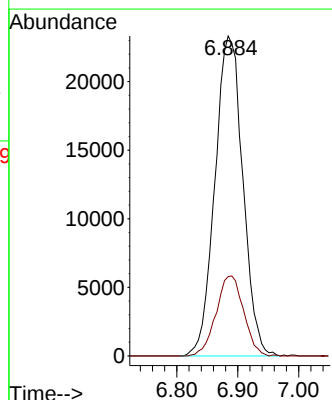
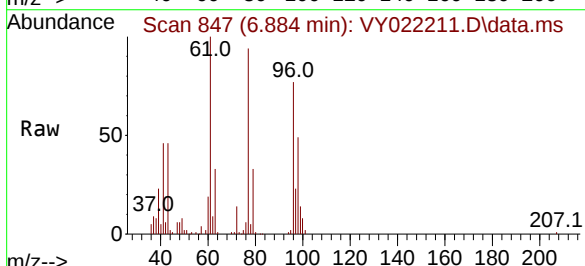
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

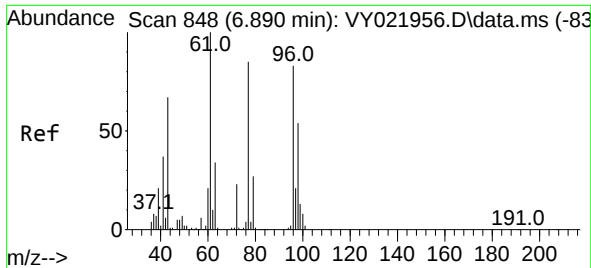
Tgt Ion: 43 Resp: 48902
Ion Ratio Lower Upper
43 100
72 32.1 27.0 40.4



#26
2,2-Dichloropropane
Concen: 21.914 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 77 Resp: 74166
Ion Ratio Lower Upper
77 100
97 24.7 12.4 37.4

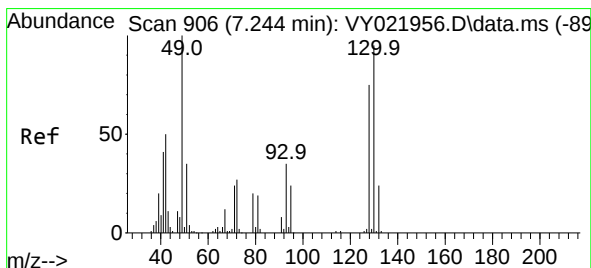
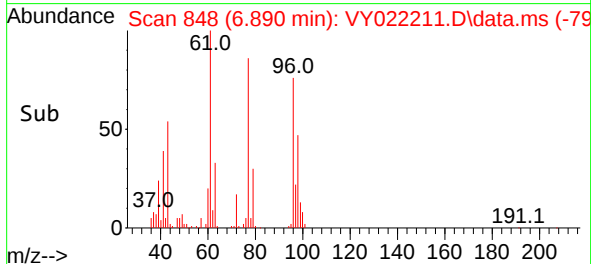
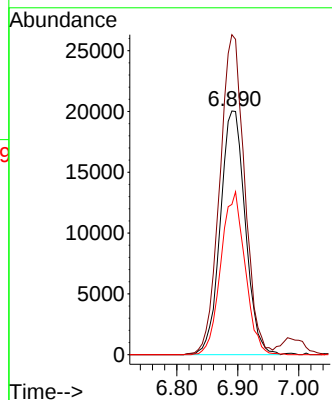
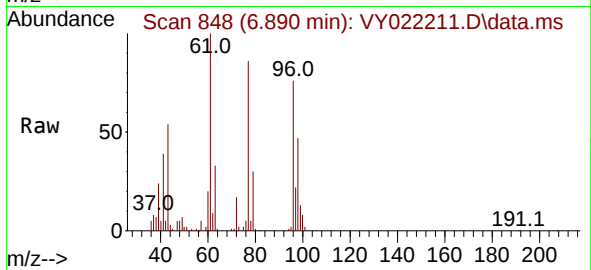




#27
 cis-1,2-Dichloroethene
 Concen: 21.166 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY022211.D
 Acq: 12 May 2025 09:51

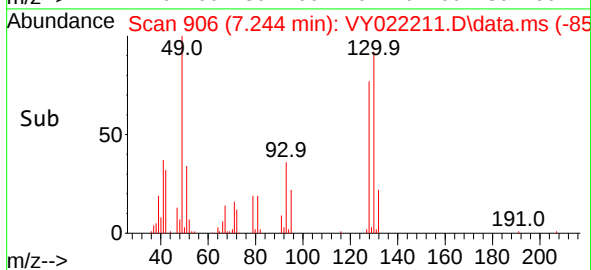
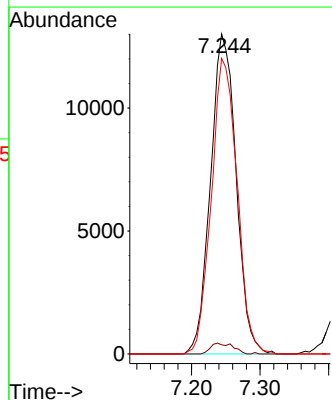
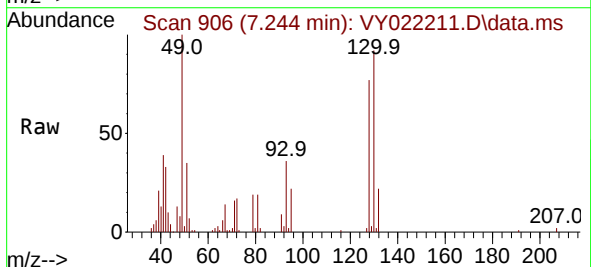
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBS01

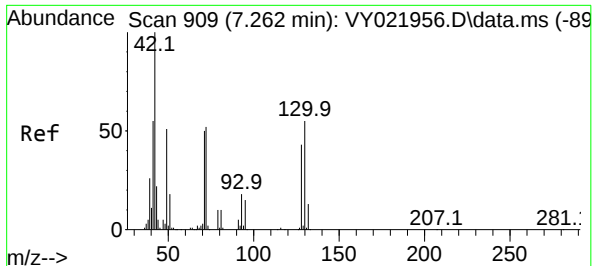
Tgt Ion: 96 Resp: 56982
 Ion Ratio Lower Upper
 96 100
 61 130.9 0.0 251.4
 98 64.7 0.0 128.4



#28
 Bromochloromethane
 Concen: 22.507 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022211.D
 Acq: 12 May 2025 09:51

Tgt Ion: 49 Resp: 33757
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 5.0
 130 92.8 78.2 117.4





#29

Tetrahydrofuran

Concen: 112.083 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

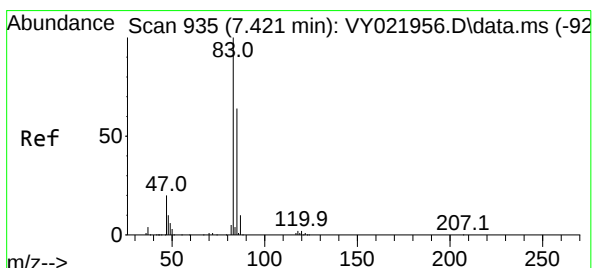
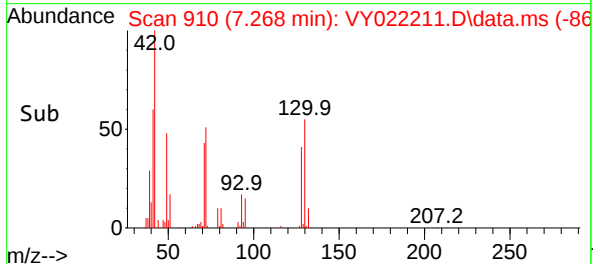
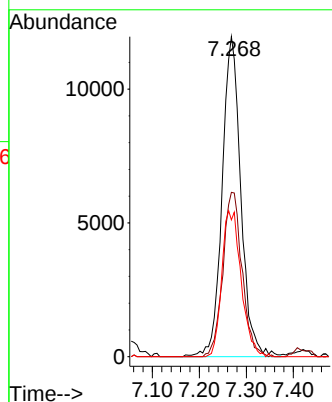
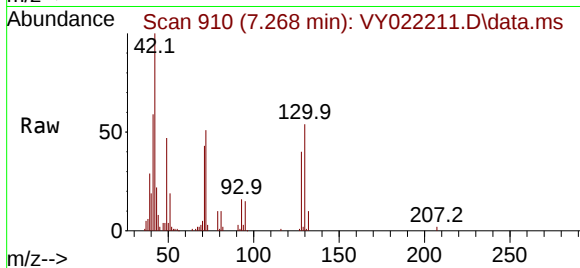
Tgt Ion: 42 Resp: 33147

Ion Ratio Lower Upper

42 100

72 52.8 42.6 63.8

71 47.1 40.6 61.0



#30

Chloroform

Concen: 22.587 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022211.D

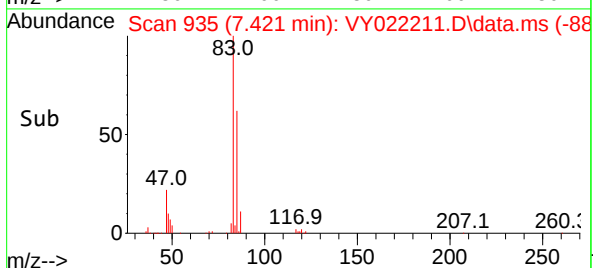
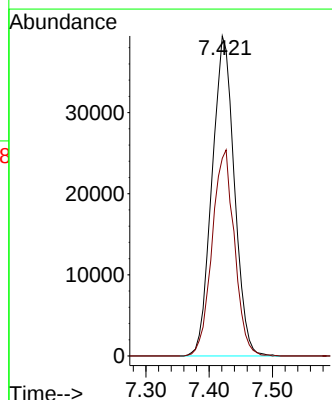
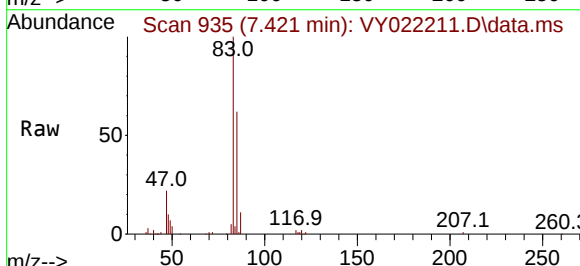
Acq: 12 May 2025 09:51

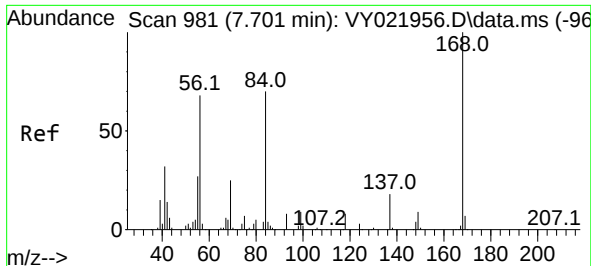
Tgt Ion: 83 Resp: 96746

Ion Ratio Lower Upper

83 100

85 61.8 51.3 76.9

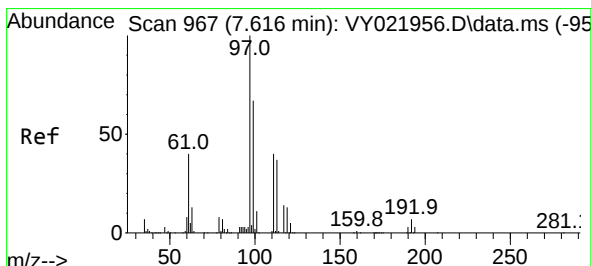
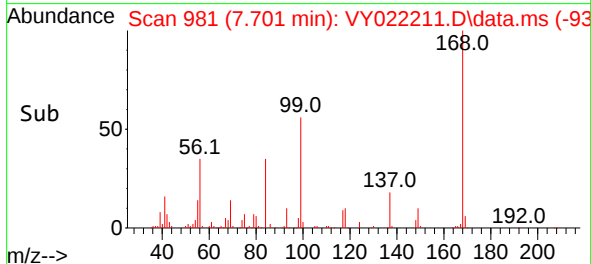
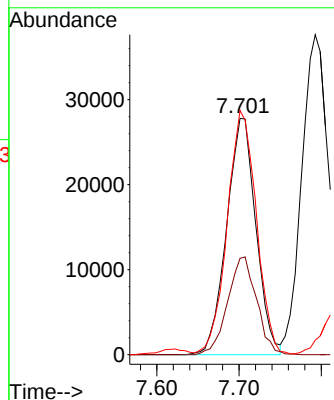
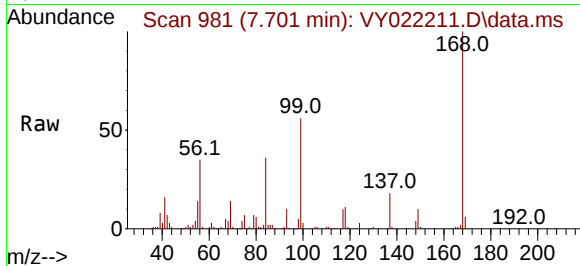




#31
Cyclohexane
Concen: 20.865 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

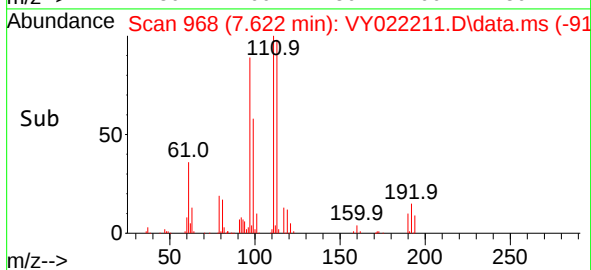
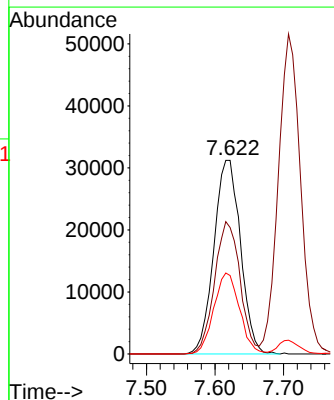
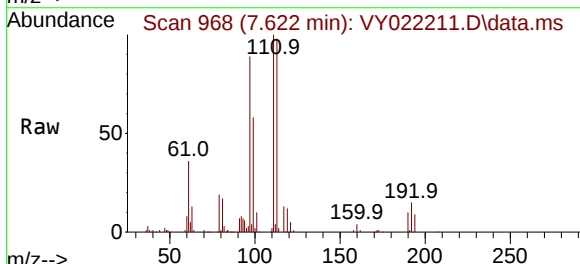
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

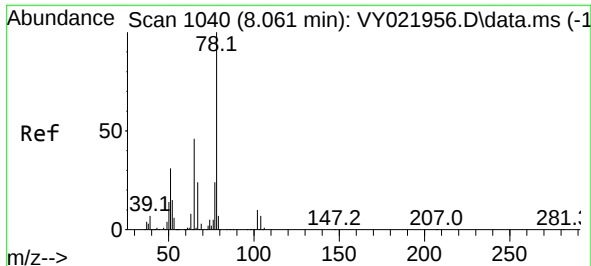
Tgt Ion: 56 Resp: 68898
Ion Ratio Lower Upper
56 100
69 40.8 29.4 44.2
84 101.8 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 21.727 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 97 Resp: 84194
Ion Ratio Lower Upper
97 100
99 65.6 51.4 77.2
61 40.5 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 54.649 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

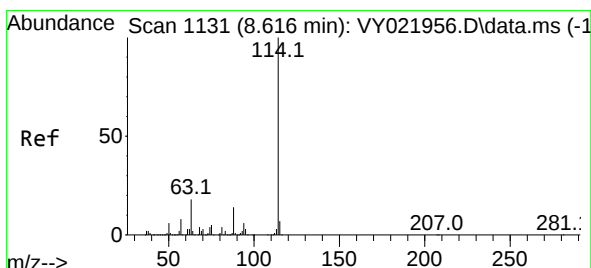
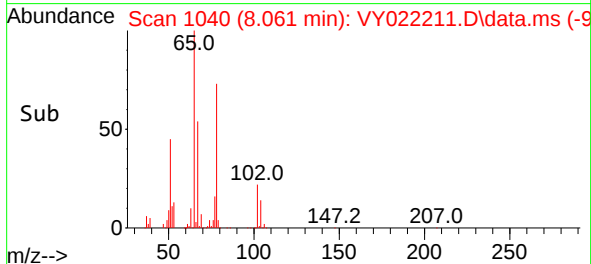
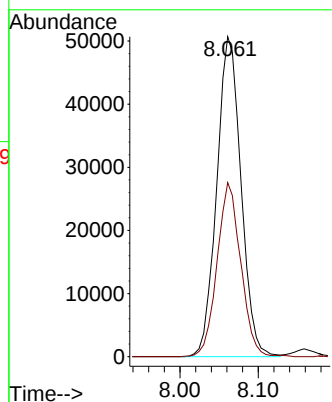
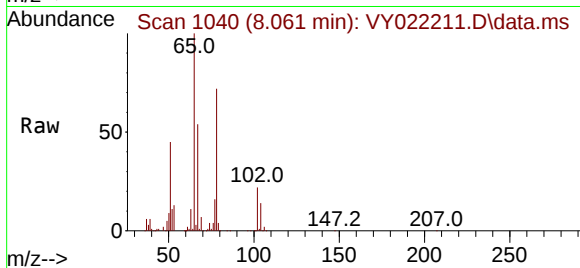
VY0512SBSD01

Tgt Ion: 65 Resp: 109166

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

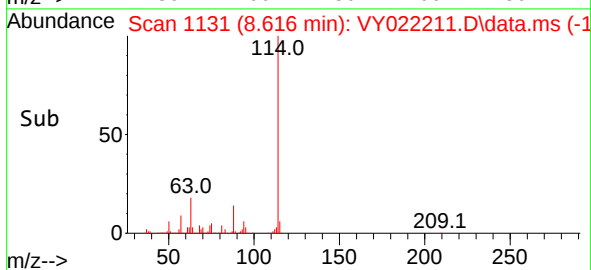
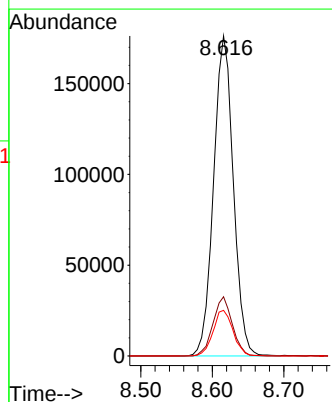
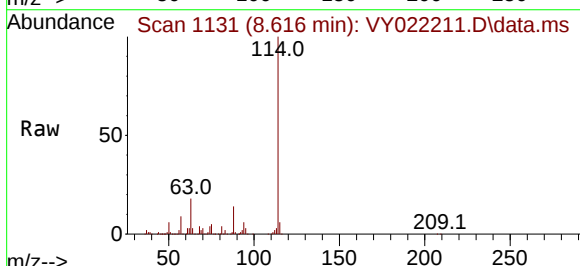
Tgt Ion:114 Resp: 338089

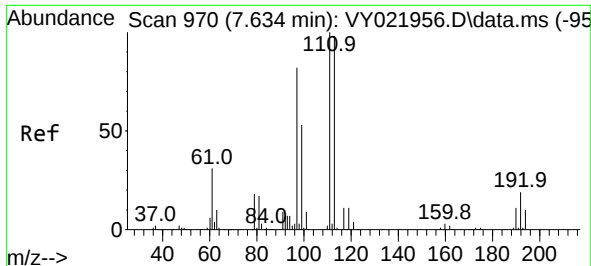
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.4

88 14.2 0.0 28.2

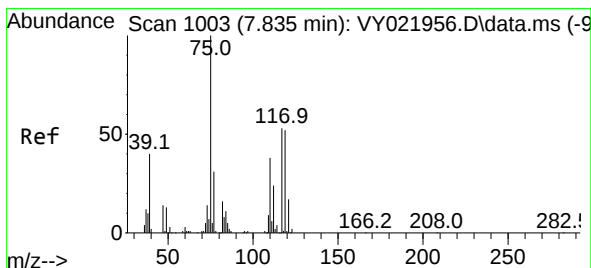
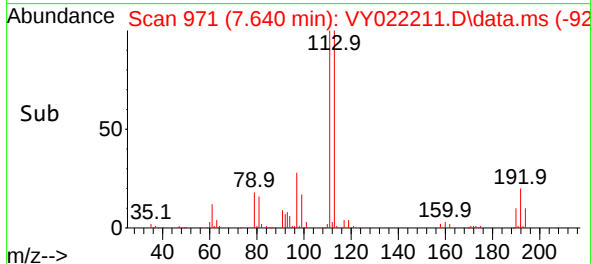
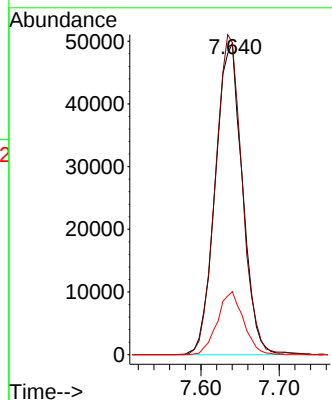
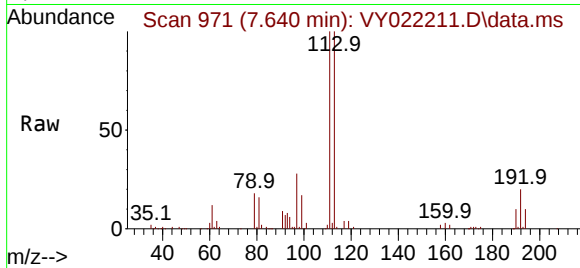




#35
 Dibromofluoromethane
 Concen: 53.349 ug/l
 RT: 7.640 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY022211.D
 Acq: 12 May 2025 09:51

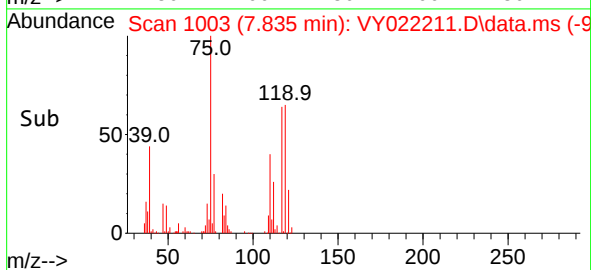
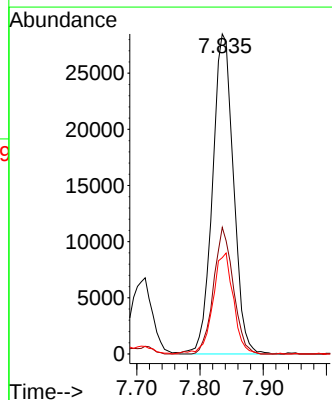
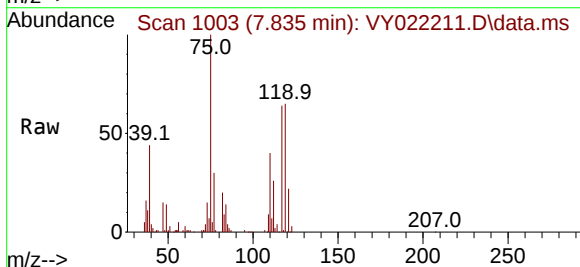
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBS01

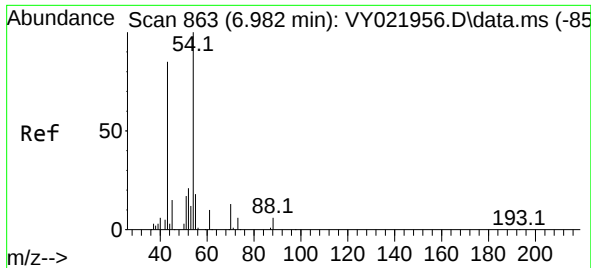
Tgt Ion:113 Resp: 119160
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.8 122.8
 192 19.5 15.6 23.4



#36
 1,1-Dichloropropene
 Concen: 21.839 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. -0.000 min
 Lab File: VY022211.D
 Acq: 12 May 2025 09:51

Tgt Ion: 75 Resp: 65523
 Ion Ratio Lower Upper
 75 100
 110 37.0 19.1 57.3
 77 30.9 25.5 38.3

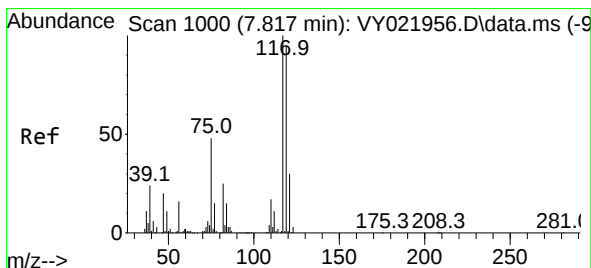
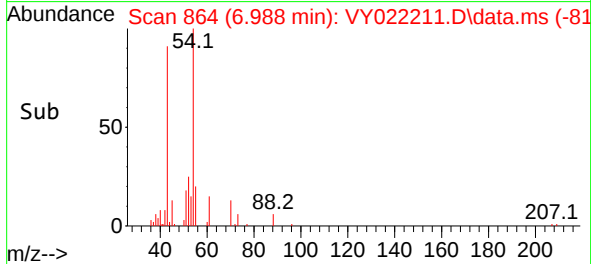
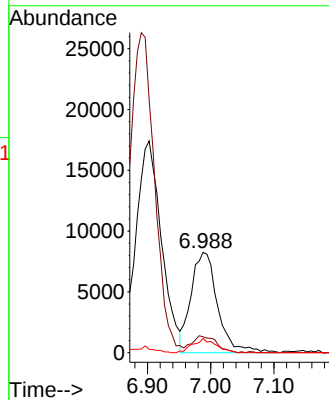
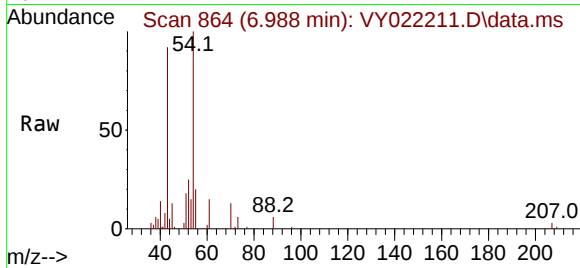




#37
Ethyl Acetate
Concen: 22.410 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

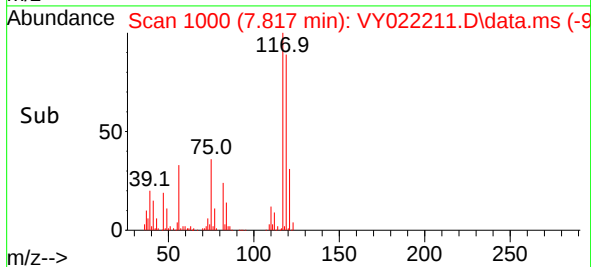
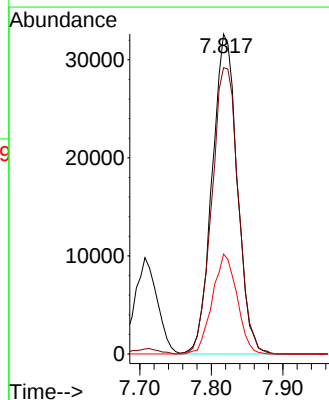
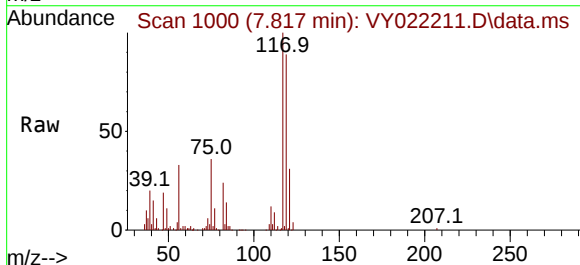
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

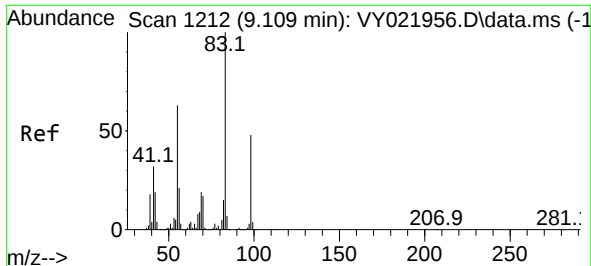
Tgt Ion: 43 Resp: 24148
Ion Ratio Lower Upper
43 100
61 15.2 13.8 20.6
70 12.1 9.2 13.8



#38
Carbon Tetrachloride
Concen: 22.165 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 117 Resp: 79467
Ion Ratio Lower Upper
117 100
119 89.4 76.2 114.4
121 31.2 24.0 36.0





#39

Methylcyclohexane

Concen: 19.953 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBSD01

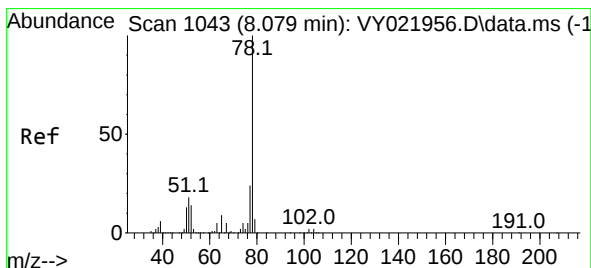
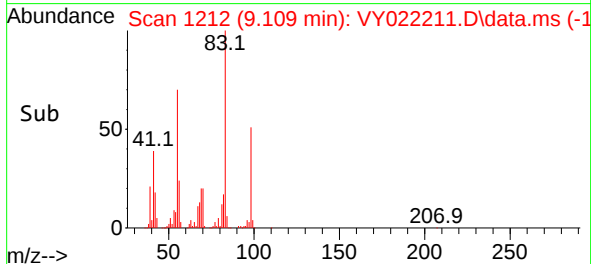
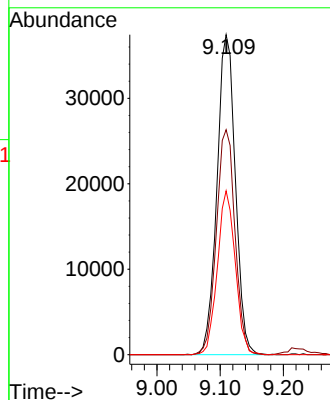
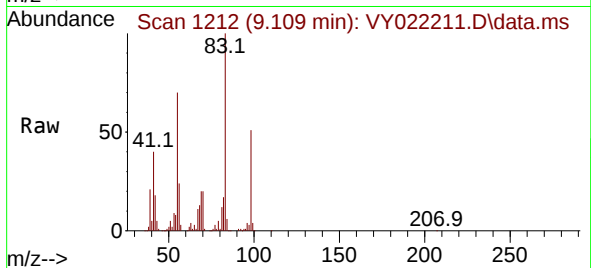
Tgt Ion: 83 Resp: 75338

Ion Ratio Lower Upper

83 100

55 70.3 50.6 75.8

98 51.2 38.6 58.0



#40

Benzene

Concen: 22.006 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022211.D

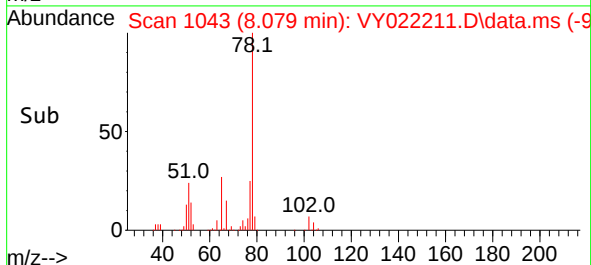
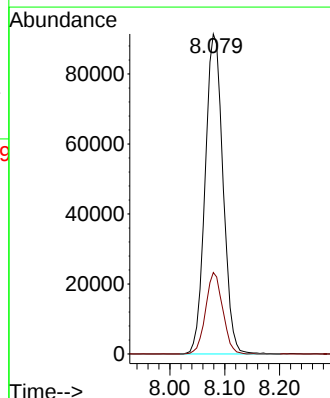
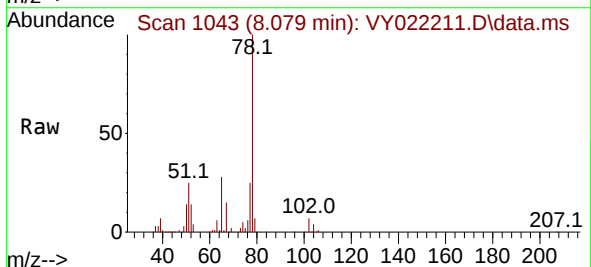
Acq: 12 May 2025 09:51

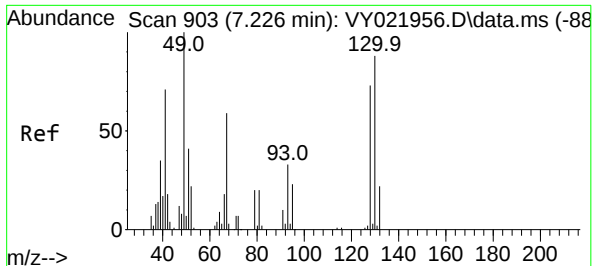
Tgt Ion: 78 Resp: 206390

Ion Ratio Lower Upper

78 100

77 25.5 19.3 28.9

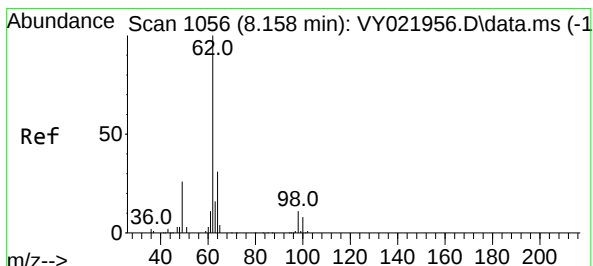
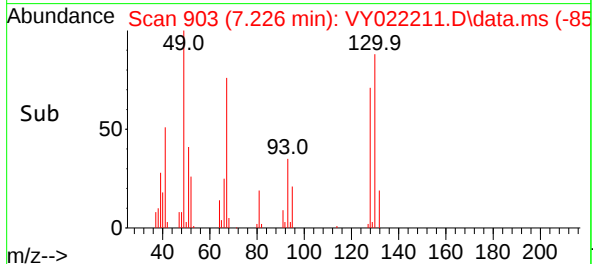
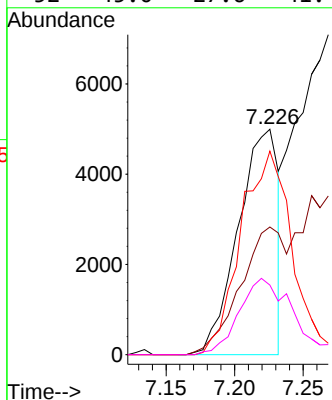
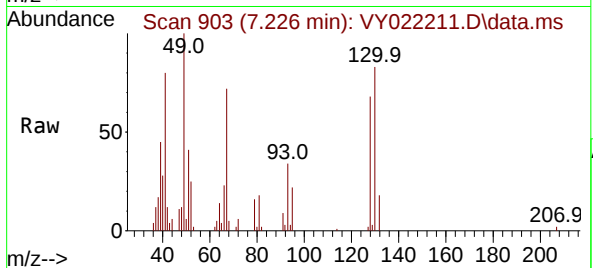




#41
Methacrylonitrile
Concen: 17.278 ug/l
RT: 7.226 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

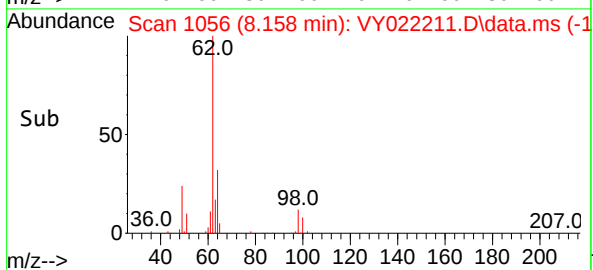
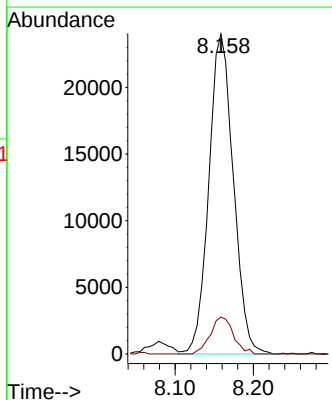
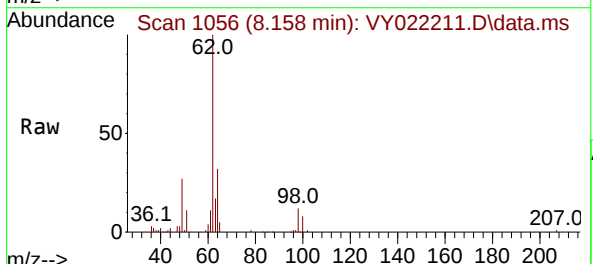
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

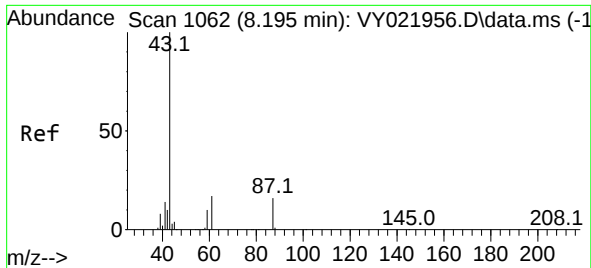
Tgt Ion:	41	Resp:	10178
Ion	Ratio	Lower	Upper
41	100		
39	63.7	36.6	55.0#
67	116.3	72.2	108.4#
52	45.0	27.6	41.4#



#42
1,2-Dichloroethane
Concen: 22.502 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion:	62	Resp:	52252
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0

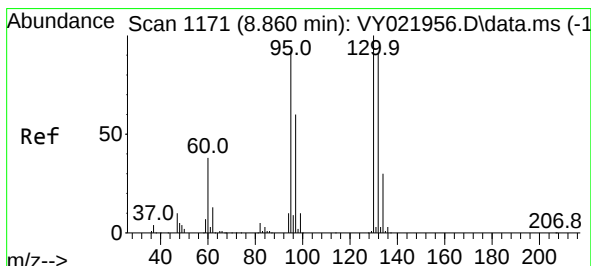
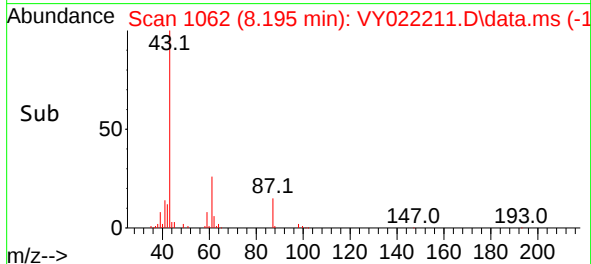
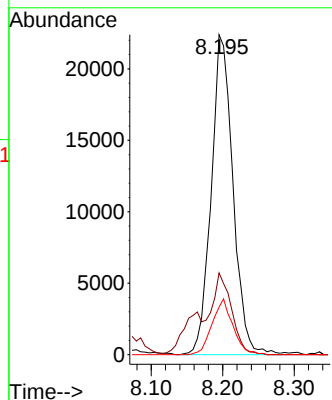
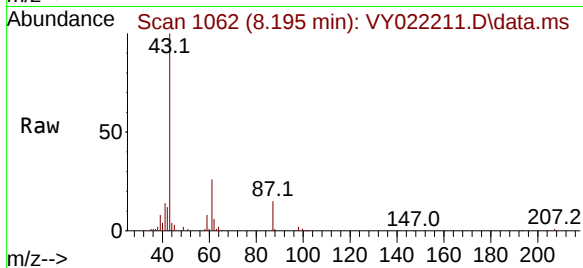




#43
Isopropyl Acetate
Concen: 22.858 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

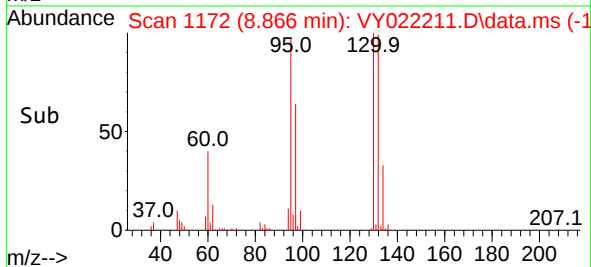
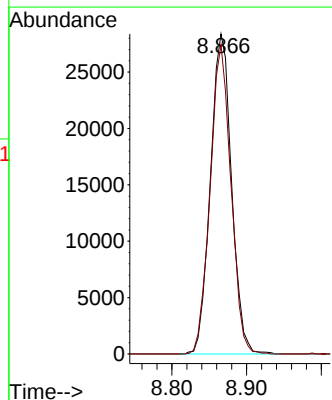
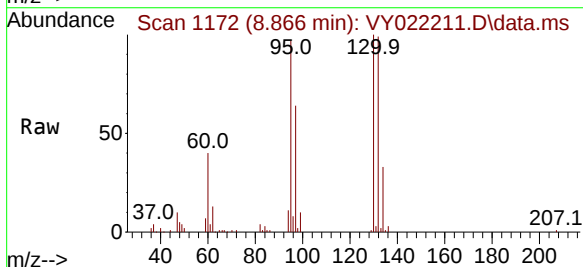
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

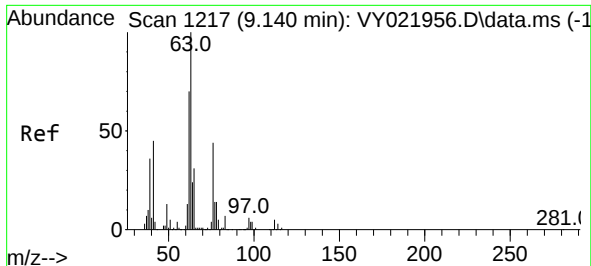
Tgt Ion: 43 Resp: 47302
Ion Ratio Lower Upper
43 100
61 22.1 18.9 28.3
87 16.7 13.7 20.5



#44
Trichloroethene
Concen: 21.425 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion:130 Resp: 55659
Ion Ratio Lower Upper
130 100
95 96.6 0.0 183.2





#45

1,2-Dichloropropane

Concen: 22.742 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

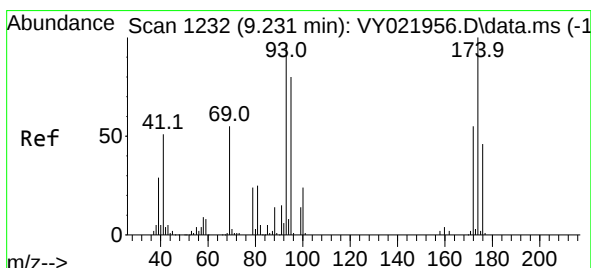
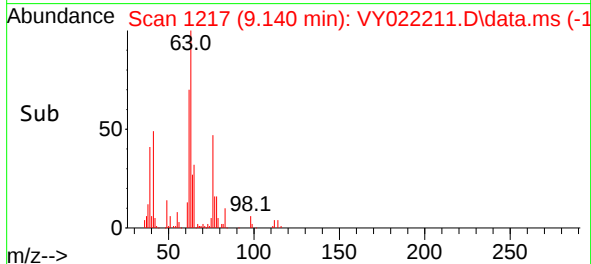
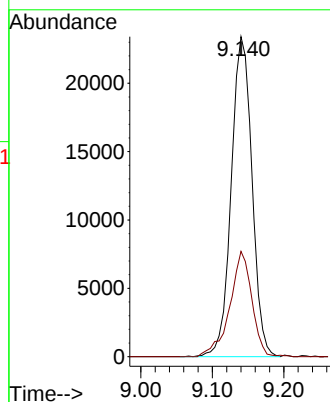
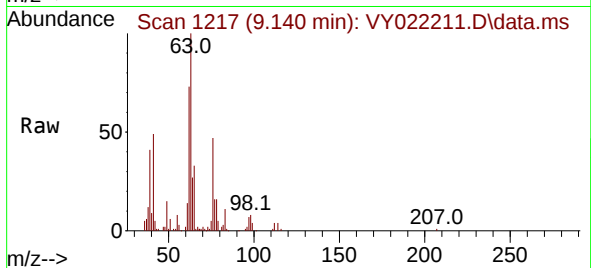
VY0512SBSD01

Tgt Ion: 63 Resp: 47168

Ion Ratio Lower Upper

63 100

65 32.9 25.2 37.8



#46

Dibromomethane

Concen: 22.061 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

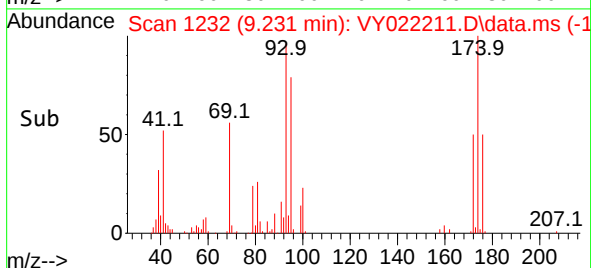
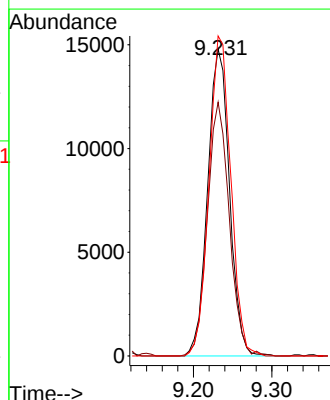
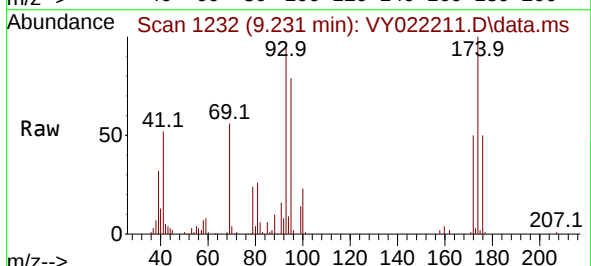
Tgt Ion: 93 Resp: 28643

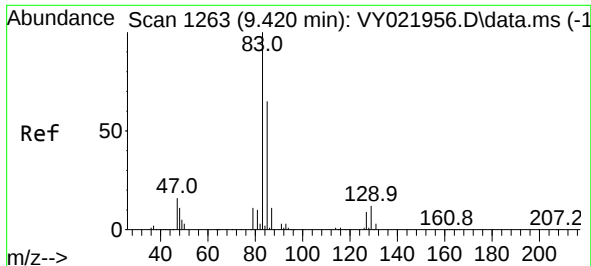
Ion Ratio Lower Upper

93 100

95 83.1 66.7 100.1

174 104.3 84.6 127.0

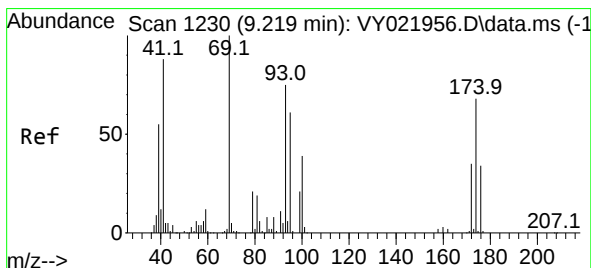
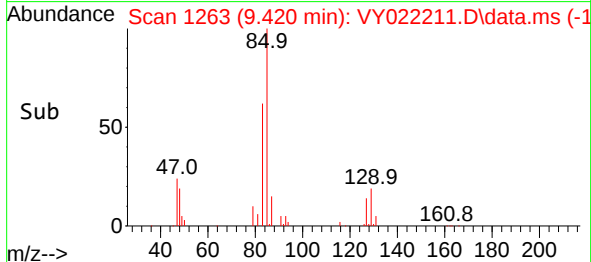
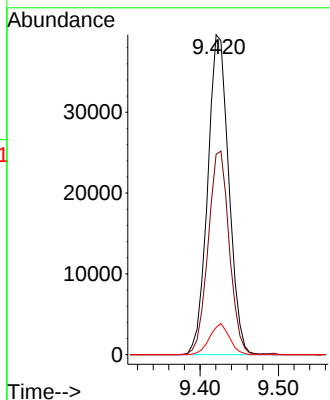
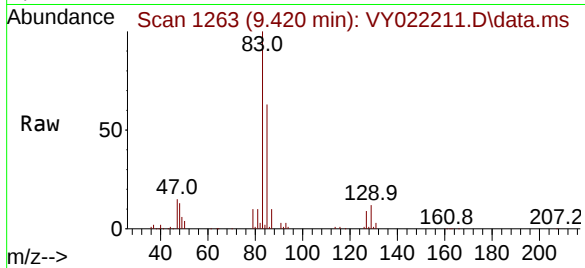




#47
Bromodichloromethane
Concen: 22.825 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

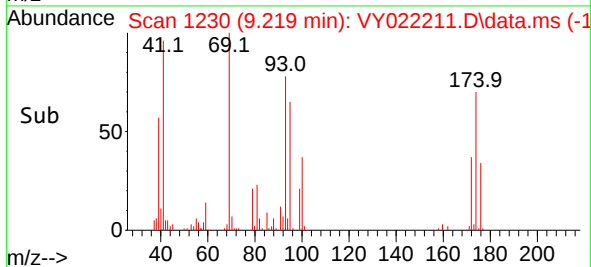
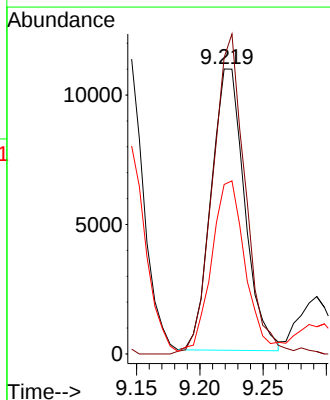
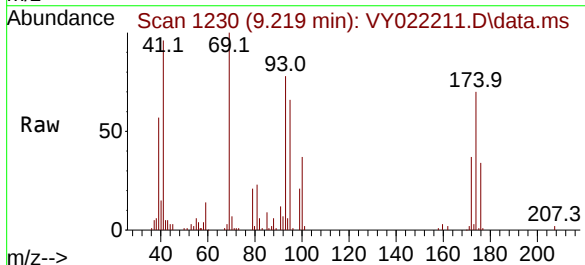
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

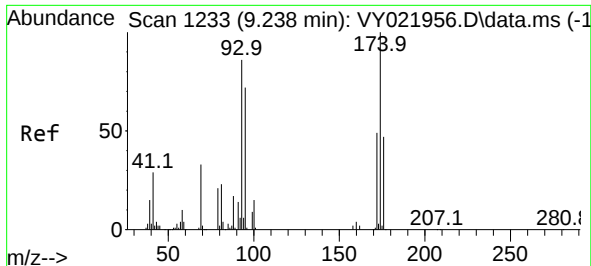
Tgt Ion: 83 Resp: 74034
Ion Ratio Lower Upper
83 100
85 62.6 51.8 77.8
127 8.5 7.0 10.6



#48
Methyl methacrylate
Concen: 20.890 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 41 Resp: 19984
Ion Ratio Lower Upper
41 100
69 110.9 85.5 128.3
39 61.8 46.2 69.4





#49

1,4-Dioxane

Concen: 425.482 ug/l

RT: 9.244 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBSD01

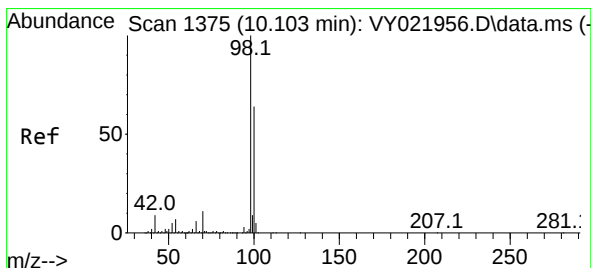
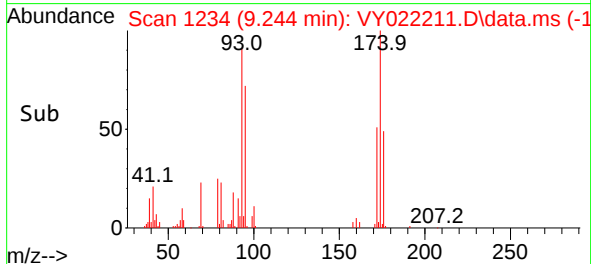
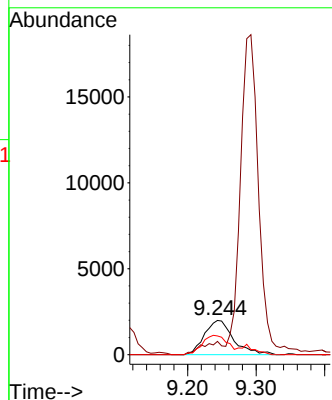
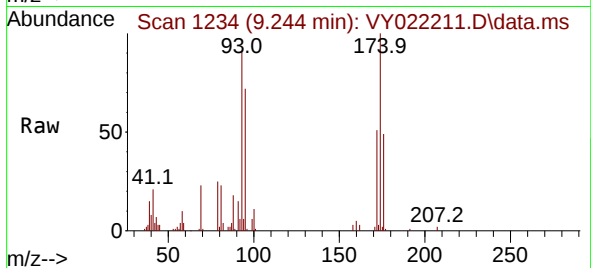
Tgt Ion: 88 Resp: 5888

Ion Ratio Lower Upper

88 100

43 28.9 21.3 31.9

58 53.3 50.5 75.7



#50

Toluene-d8

Concen: 53.671 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022211.D

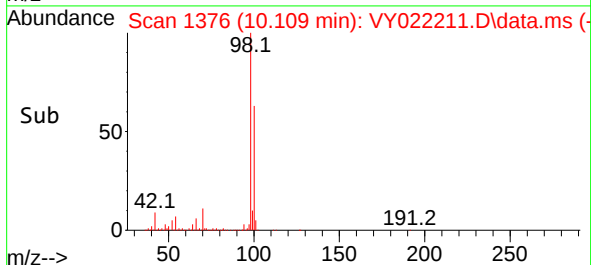
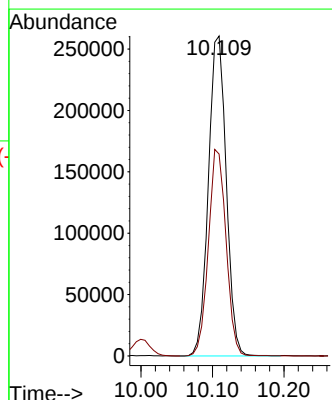
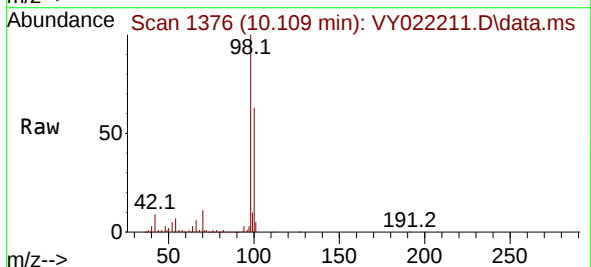
Acq: 12 May 2025 09:51

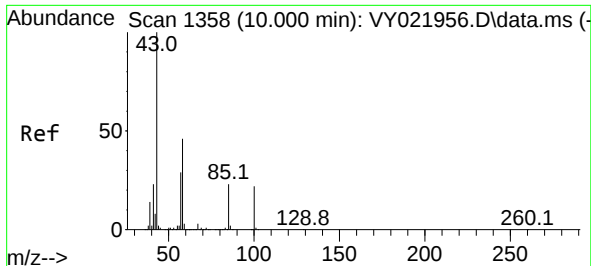
Tgt Ion: 98 Resp: 451944

Ion Ratio Lower Upper

98 100

100 63.9 51.6 77.4

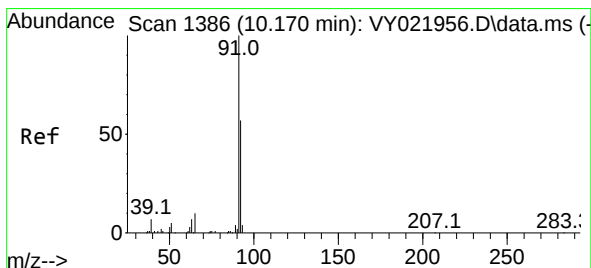
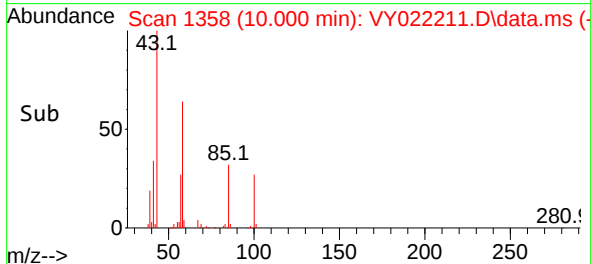
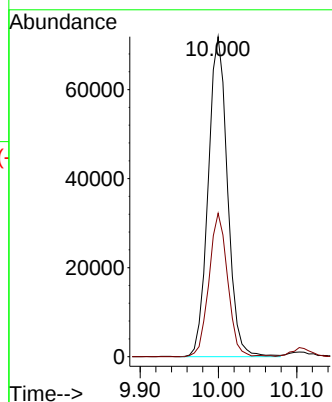
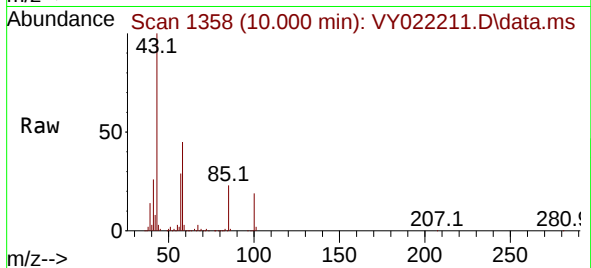




#51
4-Methyl-2-Pentanone
Concen: 113.516 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

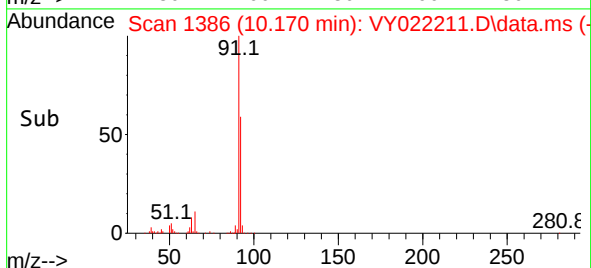
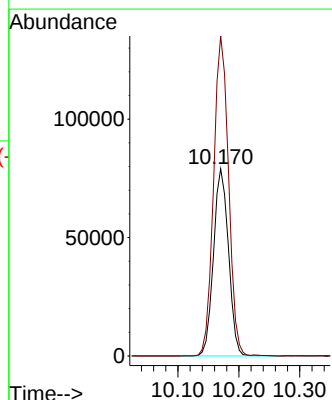
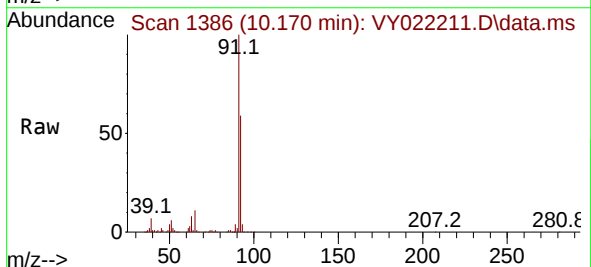
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

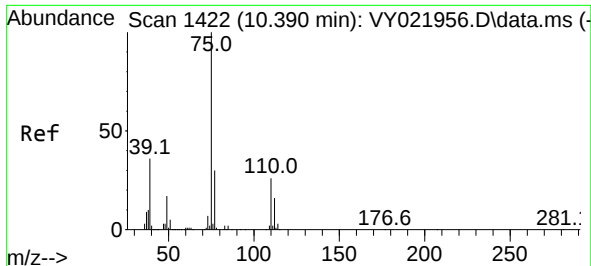
Tgt Ion: 43 Resp: 123141
Ion Ratio Lower Upper
43 100
58 43.3 36.6 55.0



#52
Toluene
Concen: 22.214 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 92 Resp: 134859
Ion Ratio Lower Upper
92 100
91 170.9 138.6 207.8

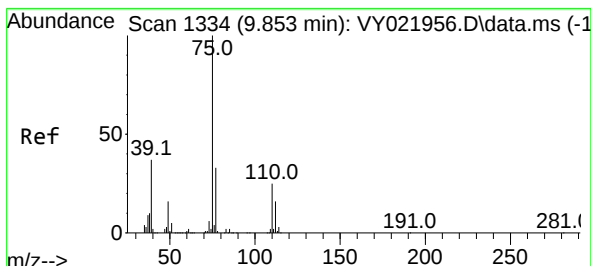
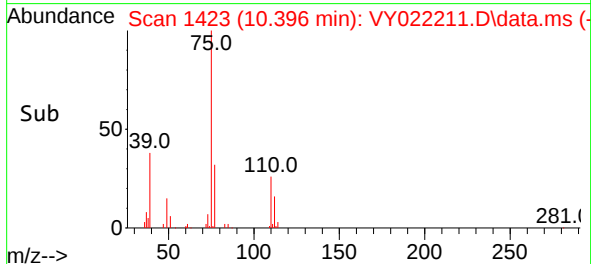
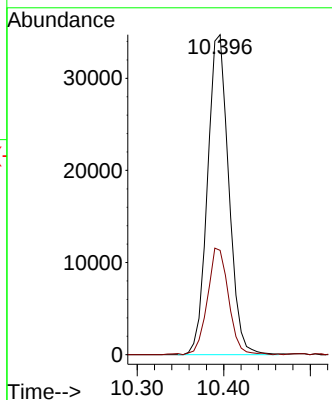
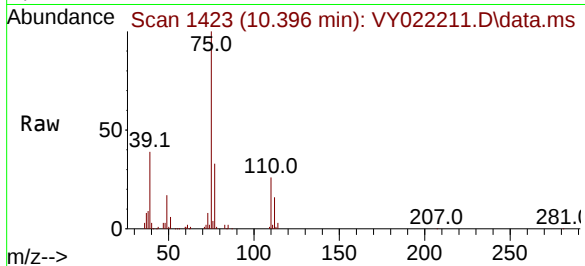




#53
 t-1,3-Dichloropropene
 Concen: 21.218 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022211.D
 Acq: 12 May 2025 09:51

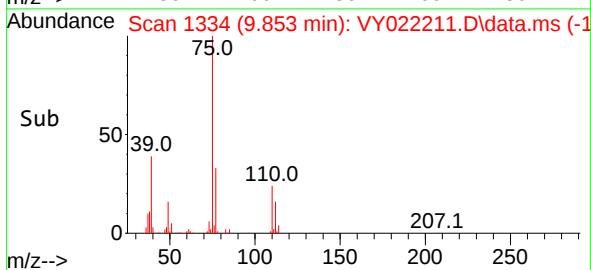
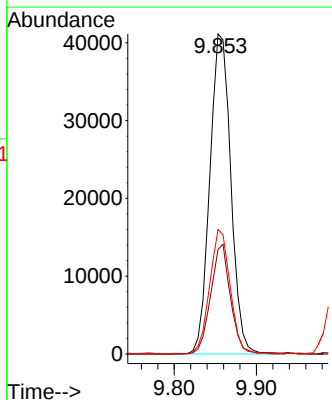
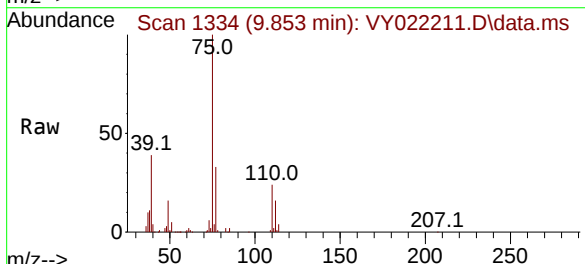
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBSD01

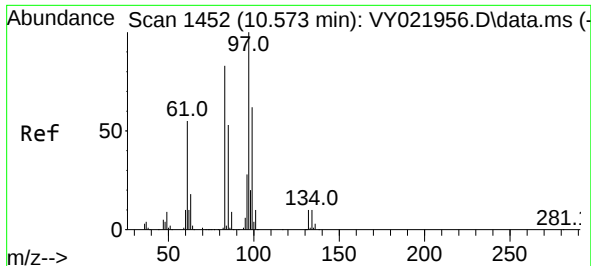
Tgt Ion: 75 Resp: 59031
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 22.109 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY022211.D
 Acq: 12 May 2025 09:51

Tgt Ion: 75 Resp: 73116
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.6 40.0
 39 38.8 29.6 44.4

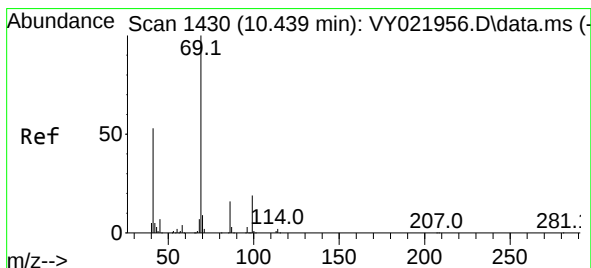
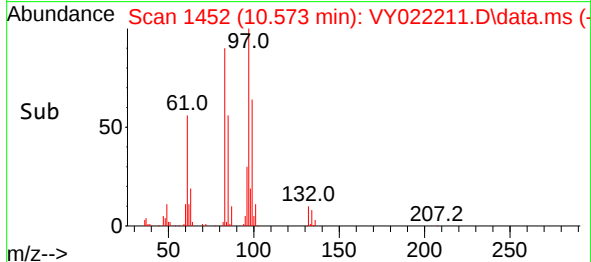
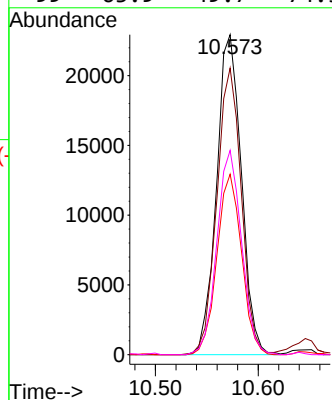
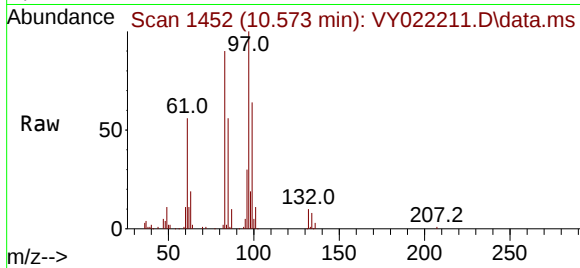




#55
1,1,2-Trichloroethane
Concen: 22.173 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

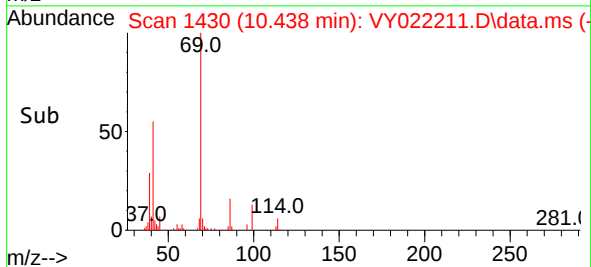
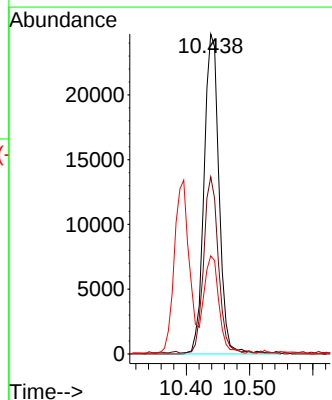
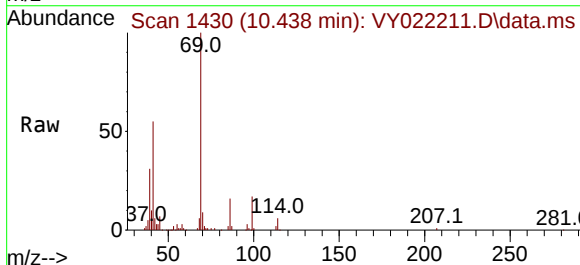
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

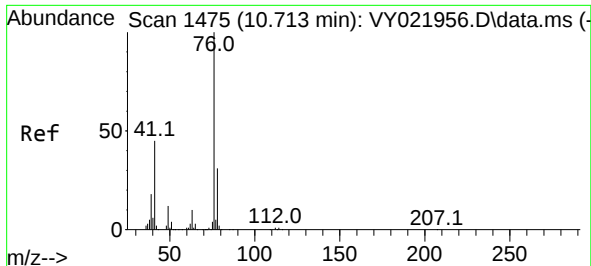
Tgt Ion:	97	Resp:	38454
Ion	Ratio	Lower	Upper
97	100		
83	89.5	66.7	100.1
85	56.4	42.6	64.0
99	63.9	49.7	74.5



#56
Ethyl methacrylate
Concen: 20.568 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion:	69	Resp:	40792
Ion	Ratio	Lower	Upper
69	100		
41	53.8	40.7	61.1
39	29.6	23.3	34.9





#57

1,3-Dichloropropane

Concen: 22.437 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

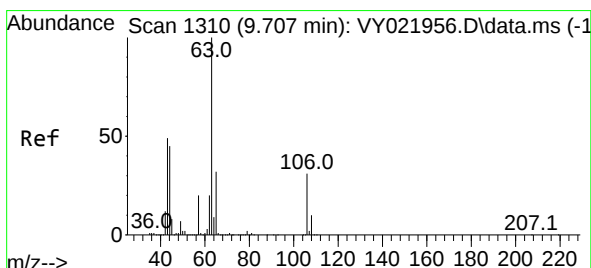
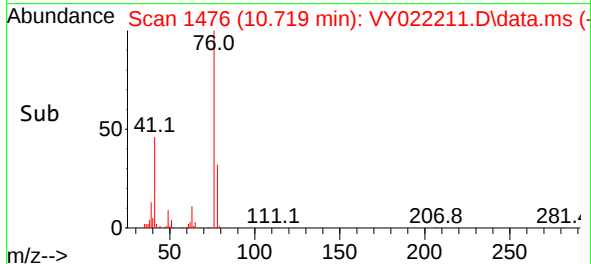
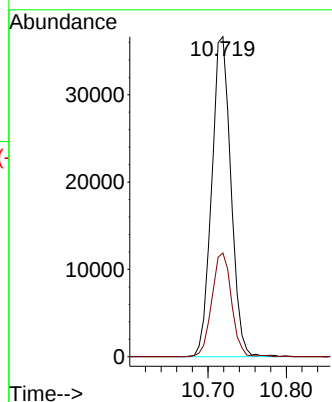
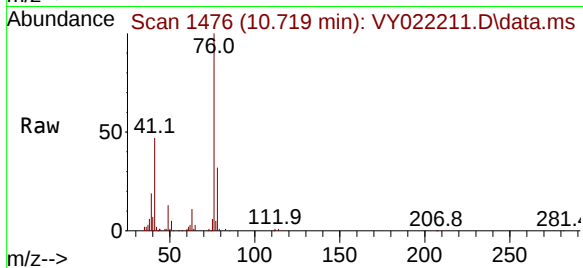
VY0512SBSD01

Tgt Ion: 76 Resp: 62382

Ion Ratio Lower Upper

76 100

78 33.0 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 108.069 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022211.D

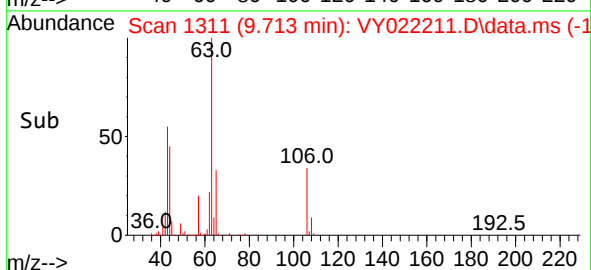
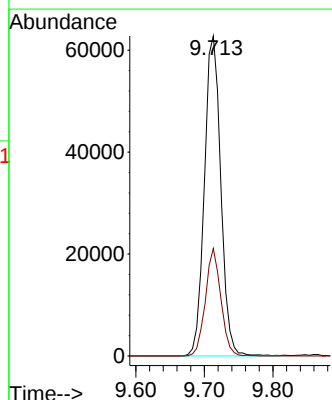
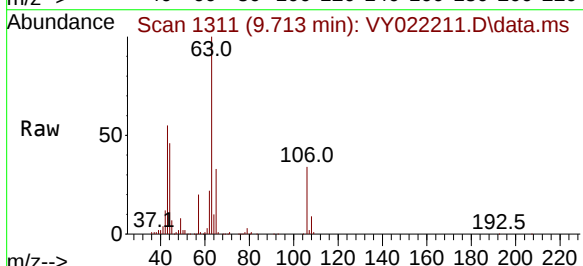
Acq: 12 May 2025 09:51

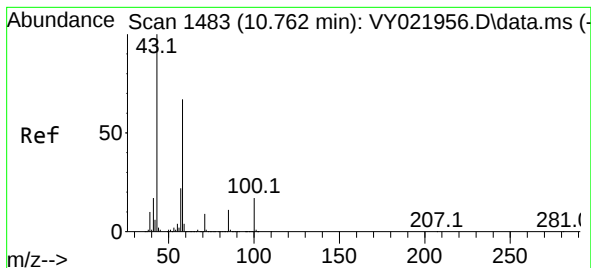
Tgt Ion: 63 Resp: 104794

Ion Ratio Lower Upper

63 100

106 31.6 25.3 37.9

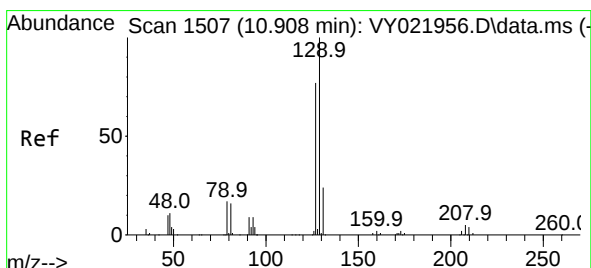
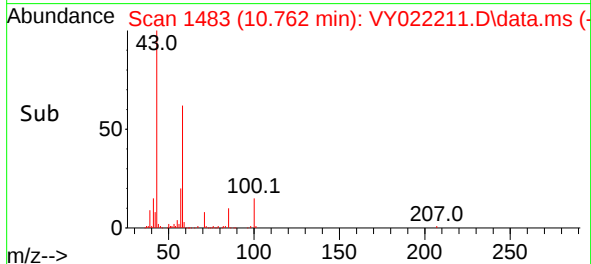
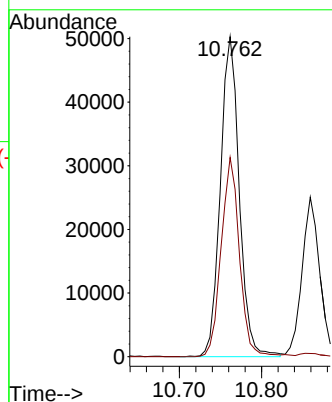
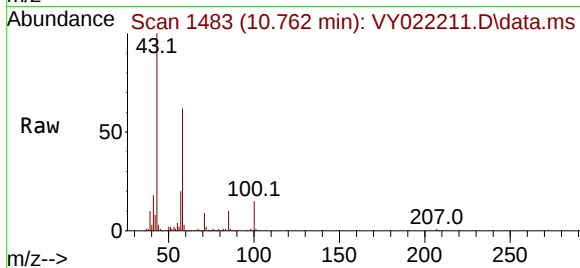




#59
2-Hexanone
Concen: 112.262 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

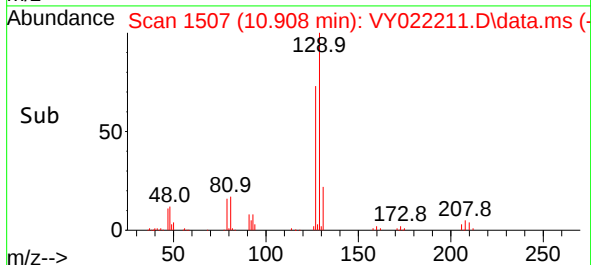
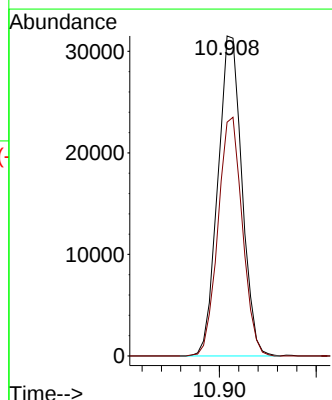
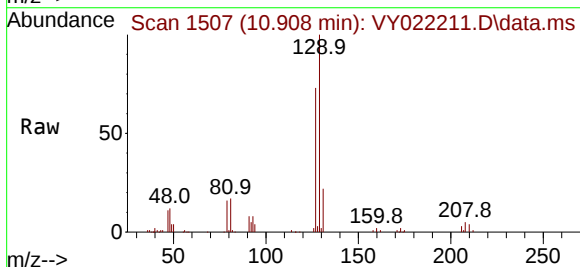
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

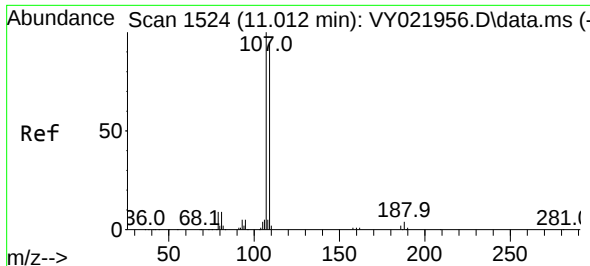
Tgt Ion: 43 Resp: 80325
Ion Ratio Lower Upper
43 100
58 60.5 32.0 96.0



#60
Dibromochloromethane
Concen: 22.651 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 129 Resp: 54387
Ion Ratio Lower Upper
129 100
127 75.5 38.5 115.3

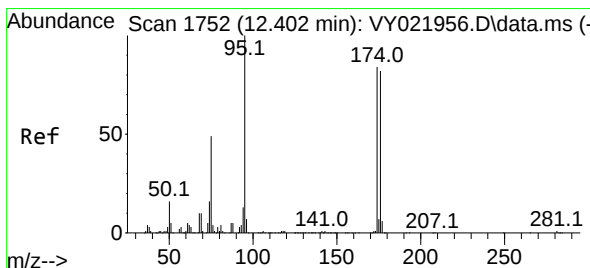
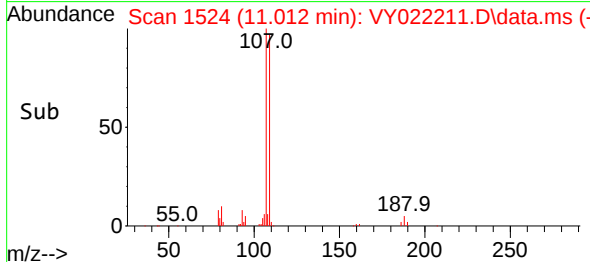
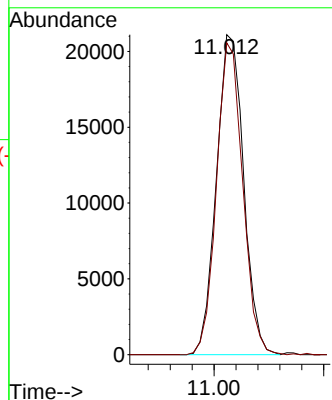
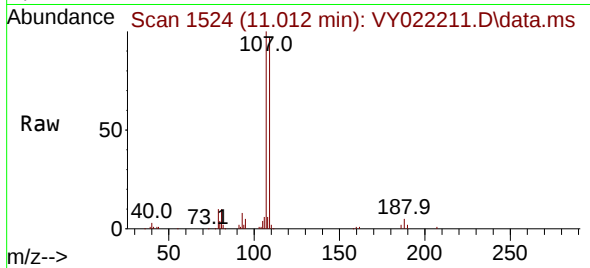




#61
1,2-Dibromoethane
Concen: 22.218 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

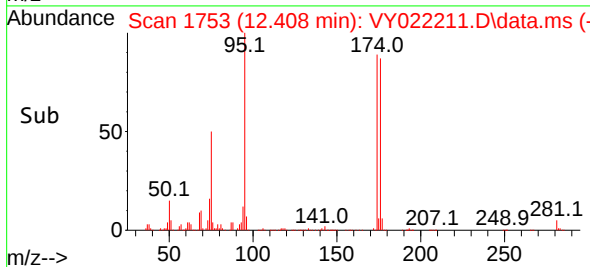
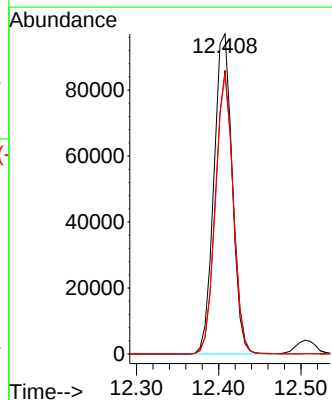
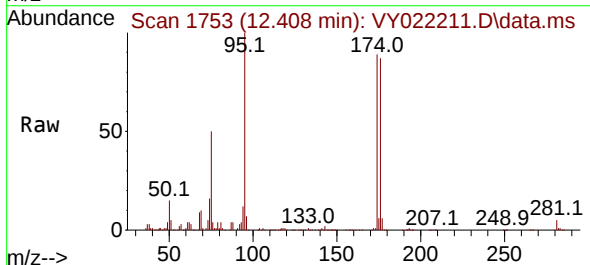
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

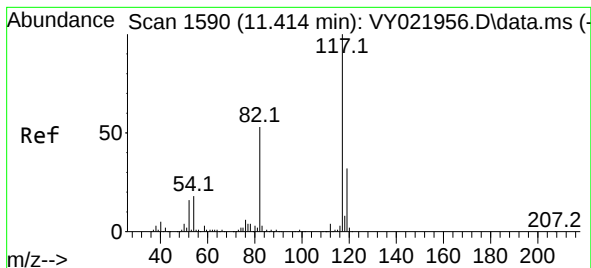
Tgt Ion:107 Resp: 36377
Ion Ratio Lower Upper
107 100
109 93.9 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 52.902 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 95 Resp: 149962
Ion Ratio Lower Upper
95 100
174 86.1 0.0 179.0
176 84.6 0.0 171.8

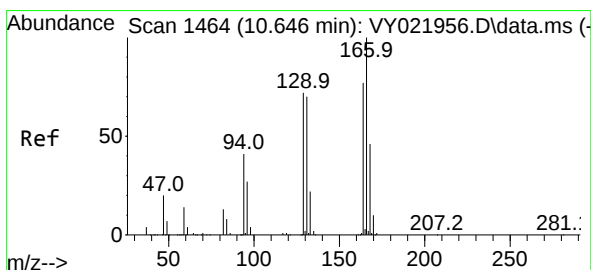
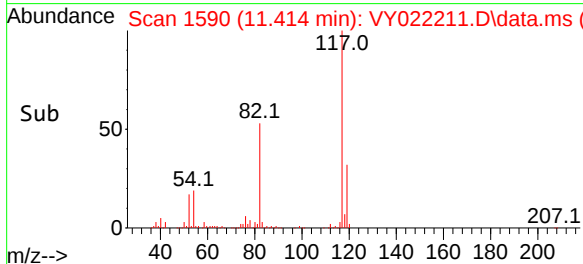
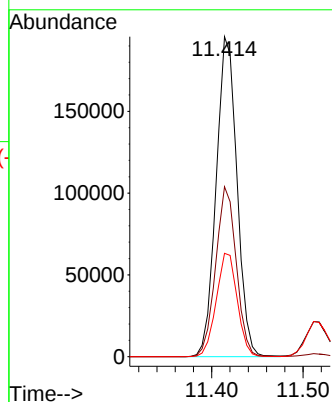
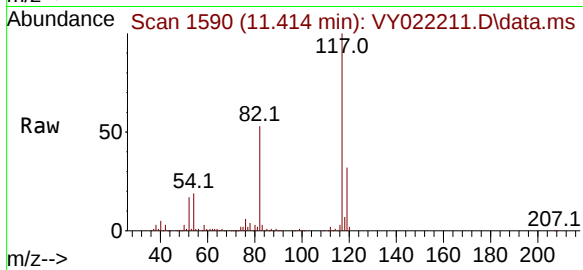




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

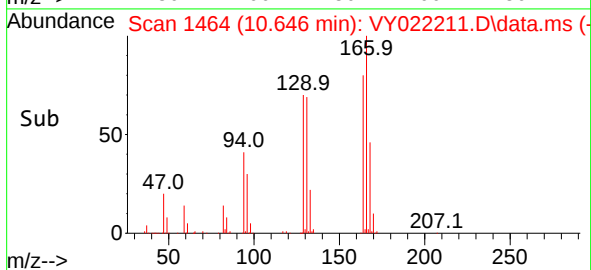
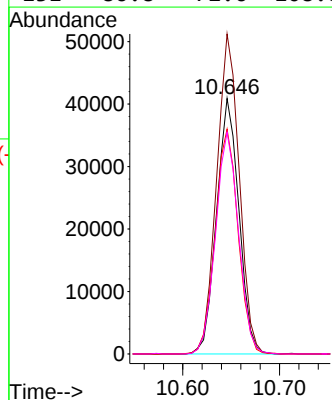
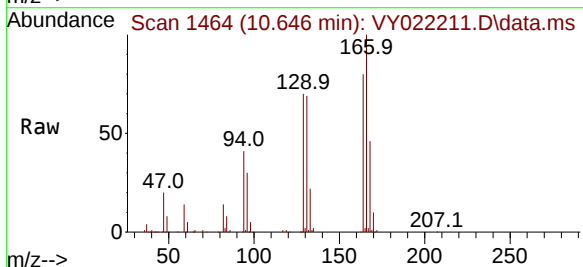
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

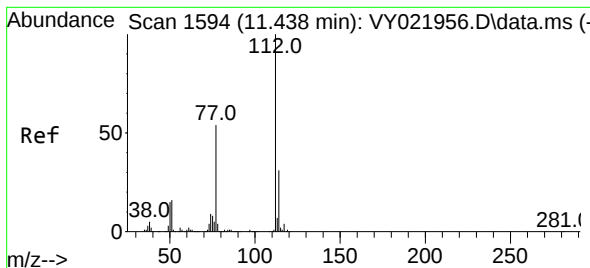
Tgt Ion:117 Resp: 309790
Ion Ratio Lower Upper
117 100
82 53.1 42.1 63.1
119 32.3 25.7 38.5



#64
Tetrachloroethene
Concen: 22.405 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion:164 Resp: 65477
Ion Ratio Lower Upper
164 100
166 125.3 103.6 155.4
129 88.0 74.2 111.4
131 86.8 72.6 108.8





#65

Chlorobenzene

Concen: 21.460 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

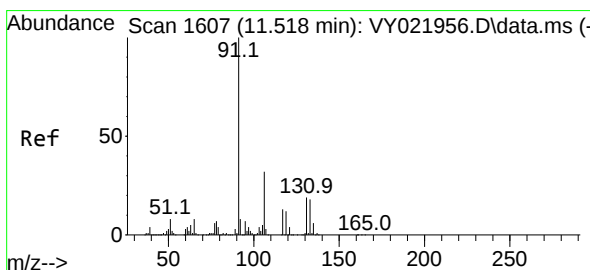
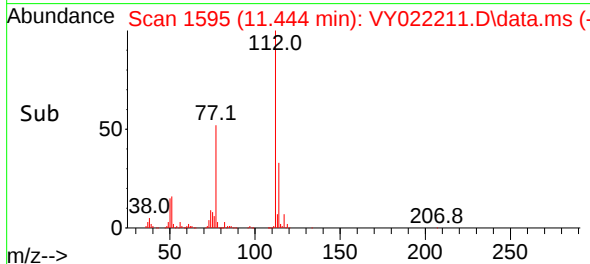
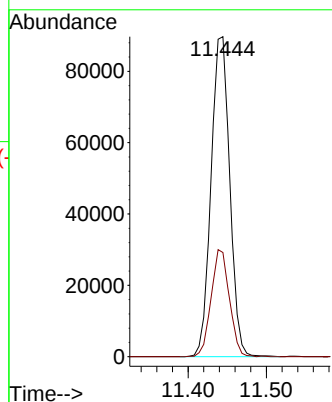
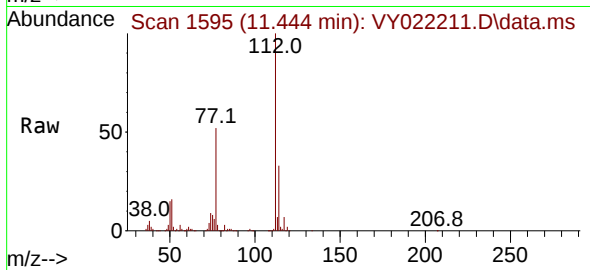
VY0512SBSD01

Tgt Ion:112 Resp: 148671

Ion Ratio Lower Upper

112 100

114 32.5 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 22.460 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

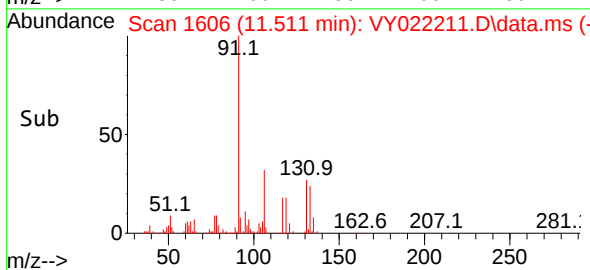
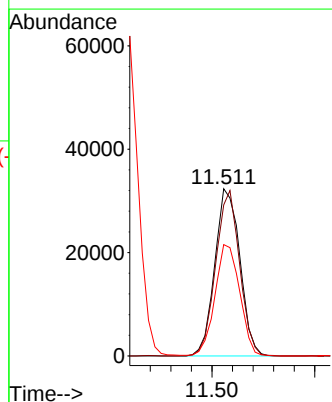
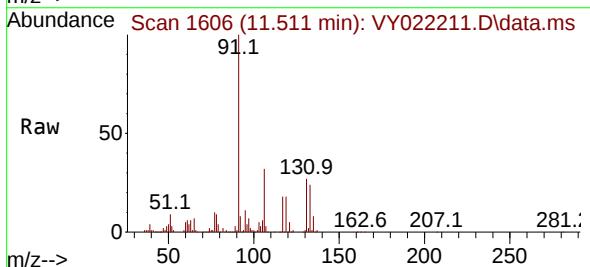
Tgt Ion:131 Resp: 54779

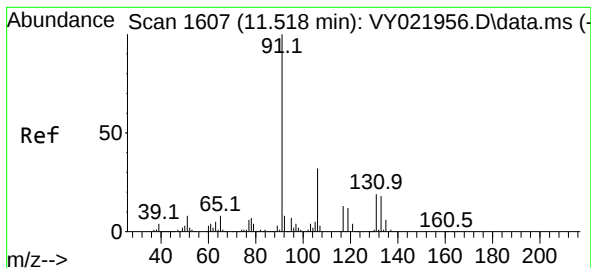
Ion Ratio Lower Upper

131 100

133 94.3 47.8 143.3

119 65.9 32.4 97.0

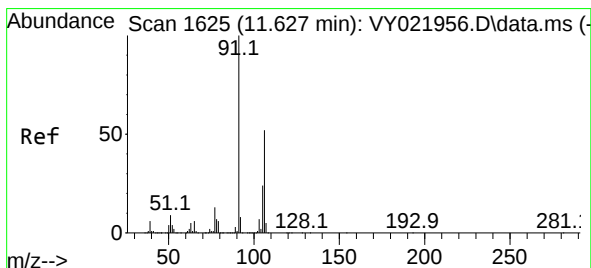
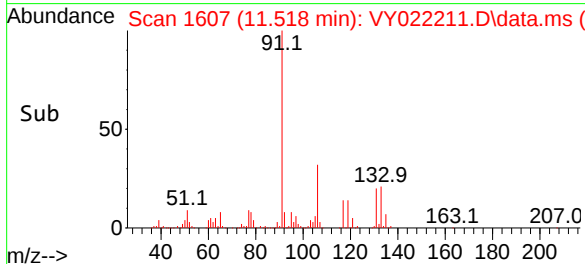
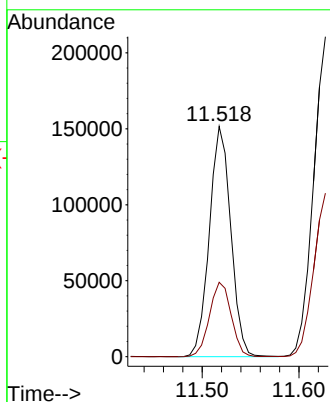
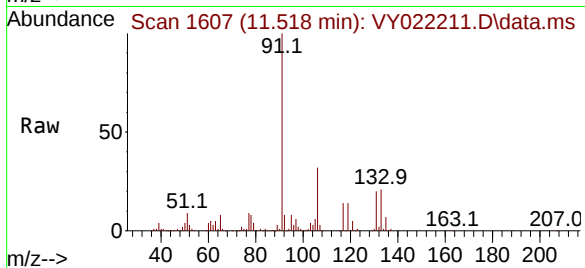




#67
Ethyl Benzene
Concen: 20.644 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

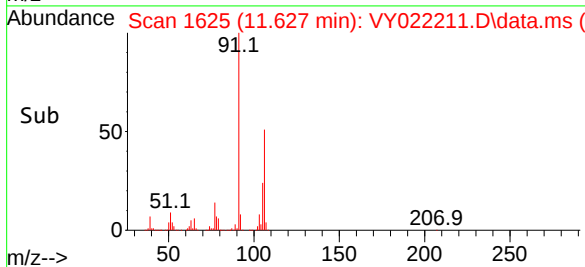
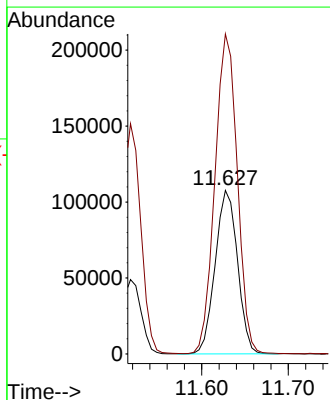
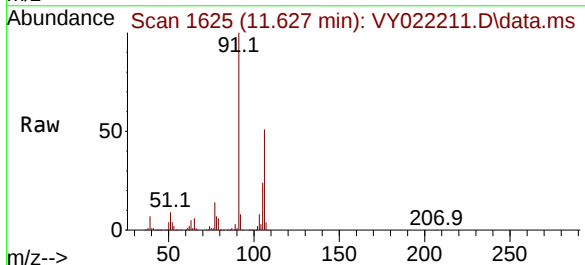
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

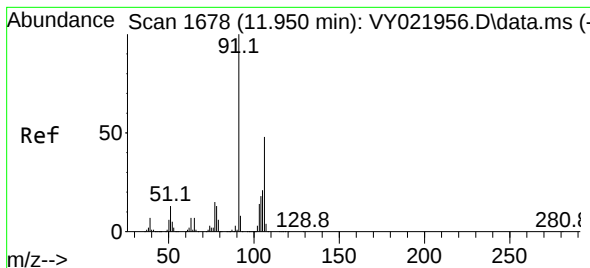
Tgt Ion: 91 Resp: 233947
Ion Ratio Lower Upper
91 100
106 32.3 25.9 38.9



#68
m/p-Xylenes
Concen: 42.722 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 106 Resp: 192656
Ion Ratio Lower Upper
106 100
91 196.2 156.2 234.2

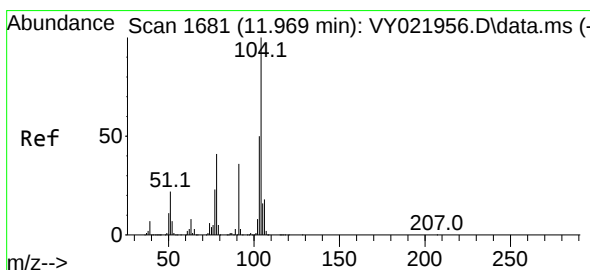
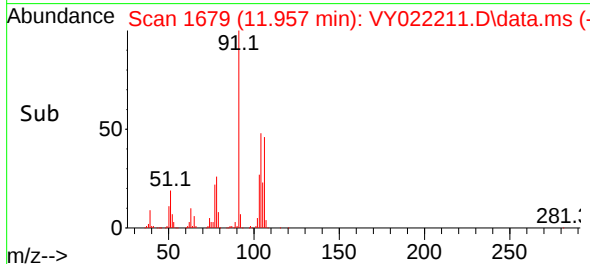
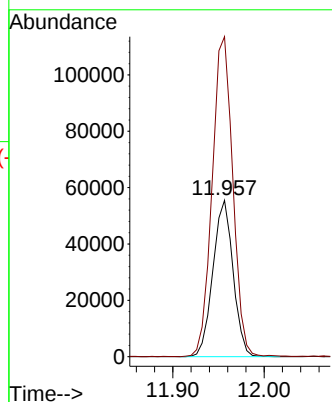
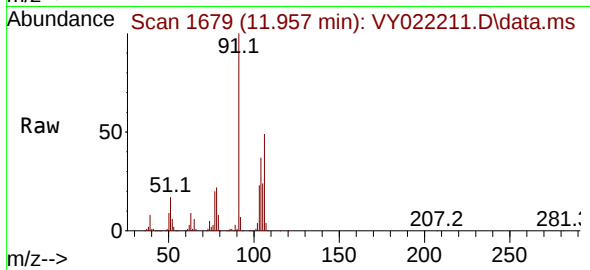




#69
o-Xylene
Concen: 20.451 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

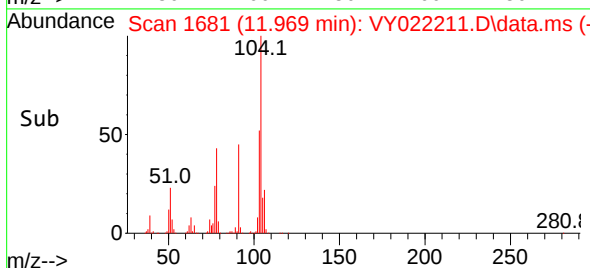
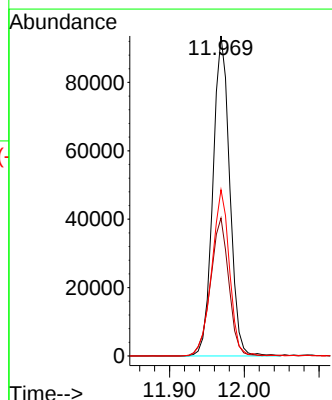
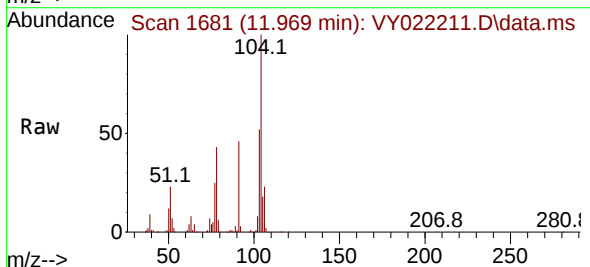
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

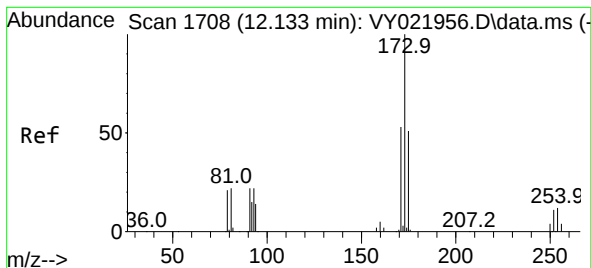
Tgt Ion:106 Resp: 85003
Ion Ratio Lower Upper
106 100
91 209.8 103.0 308.9



#70
Styrene
Concen: 21.032 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion:104 Resp: 146776
Ion Ratio Lower Upper
104 100
78 46.6 36.6 54.8
103 54.5 43.8 65.8





#71

Bromoform

Concen: 22.230 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBSD01

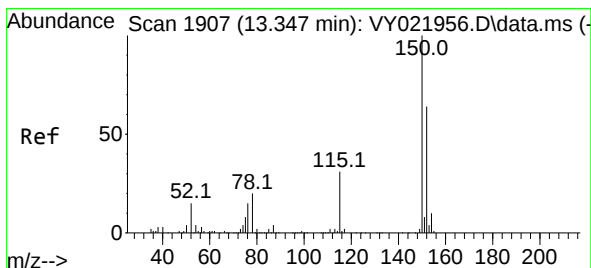
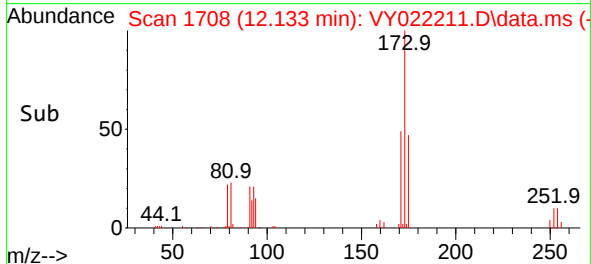
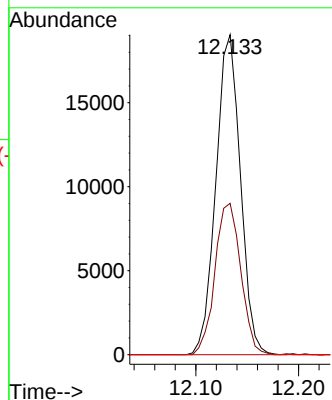
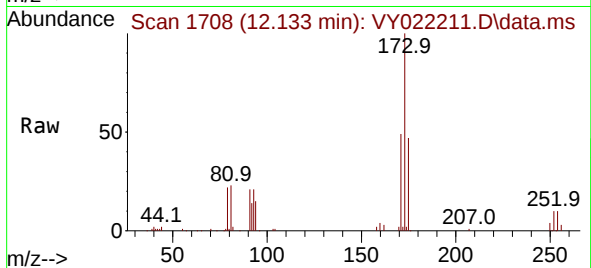
Tgt Ion:173 Resp: 31521

Ion Ratio Lower Upper

173 100

175 49.8 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

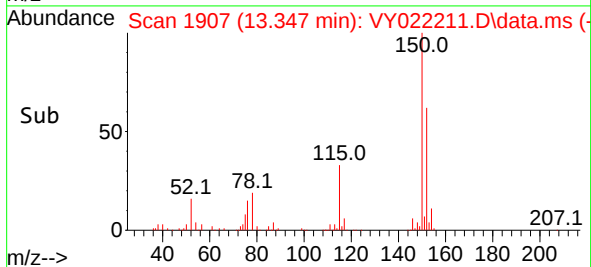
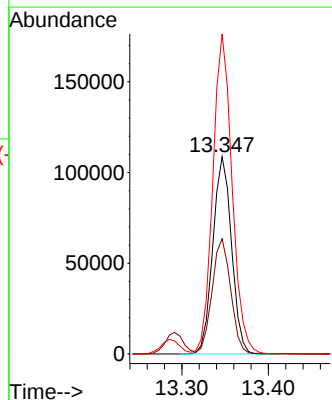
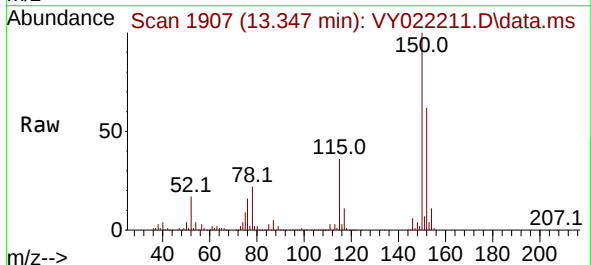
Tgt Ion:152 Resp: 162833

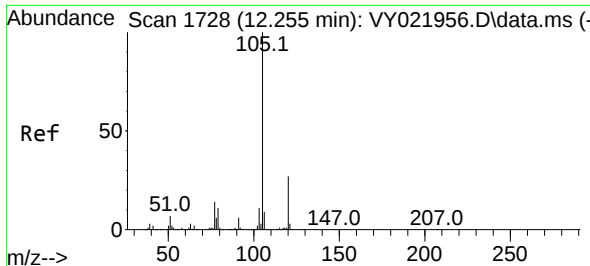
Ion Ratio Lower Upper

152 100

115 58.0 28.0 84.0

150 167.2 0.0 345.6

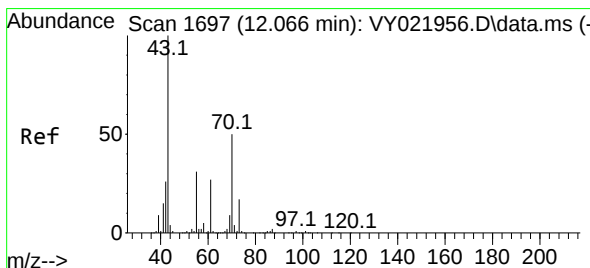
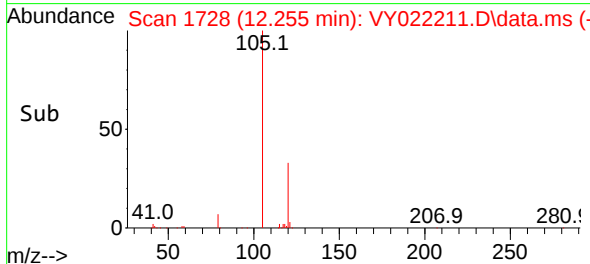
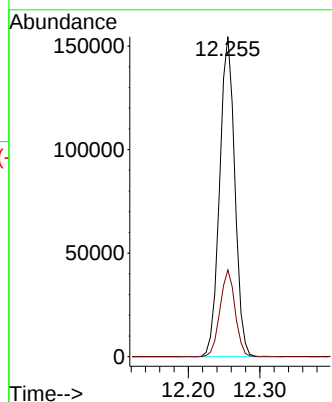
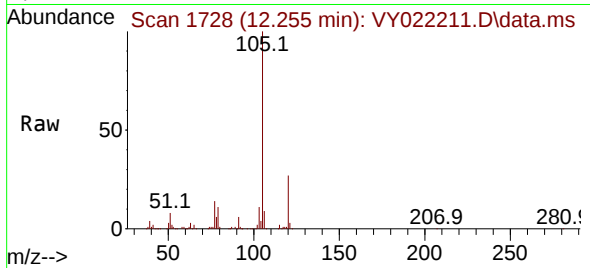




#73
Isopropylbenzene
Concen: 20.953 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

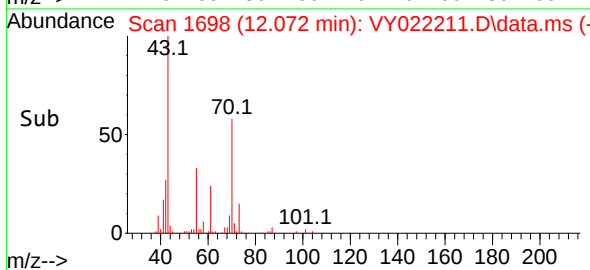
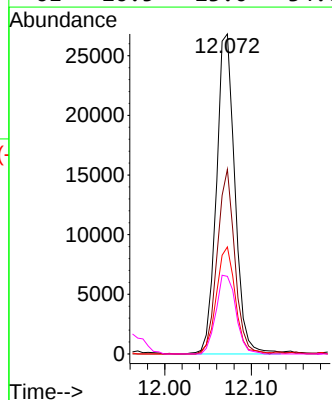
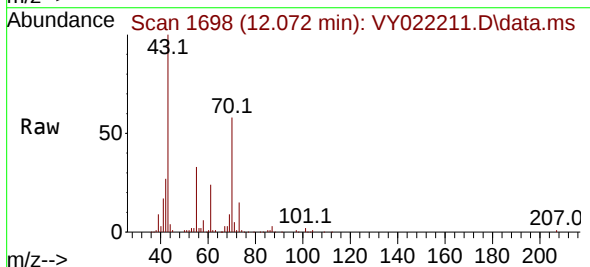
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

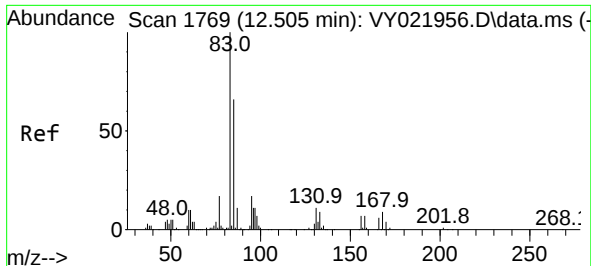
Tgt Ion:105 Resp: 227948
Ion Ratio Lower Upper
105 100
120 26.8 13.5 40.5



#74
N-ethyl acetate
Concen: 21.306 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 43 Resp: 39824
Ion Ratio Lower Upper
43 100
70 54.7 43.2 64.8
55 34.5 25.7 38.5
61 26.5 23.0 34.6

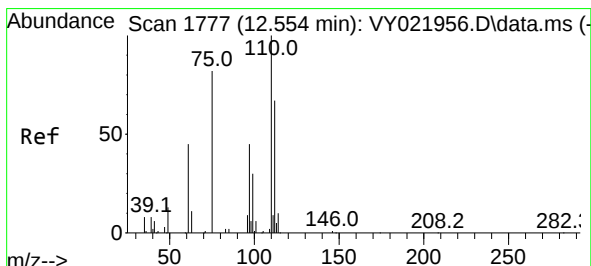
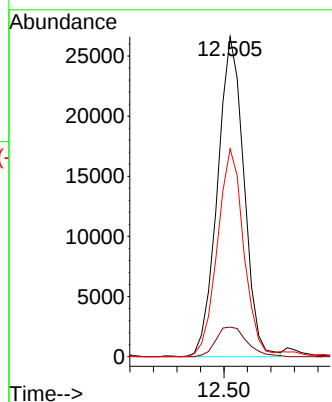
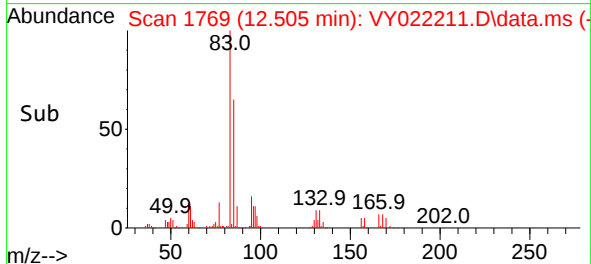
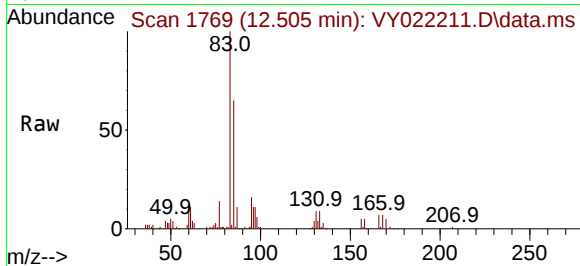




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.700 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022211.D
 Acq: 12 May 2025 09:51

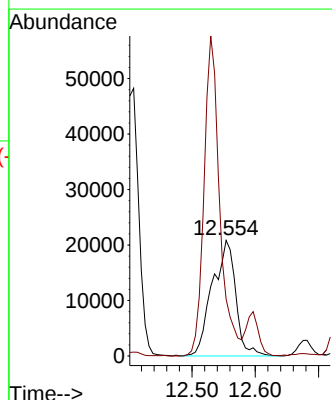
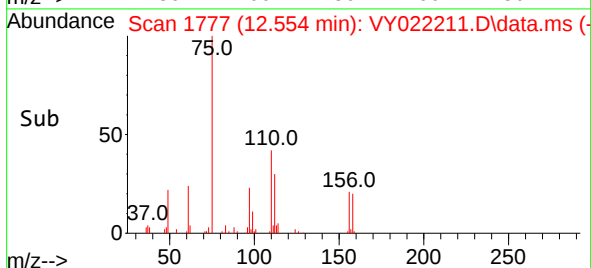
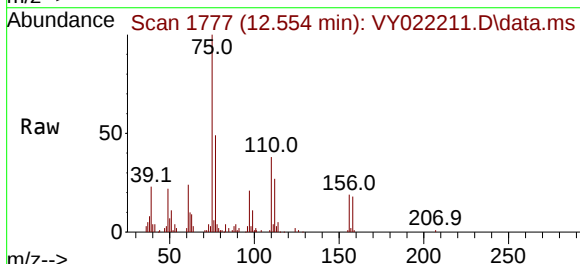
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBSD01

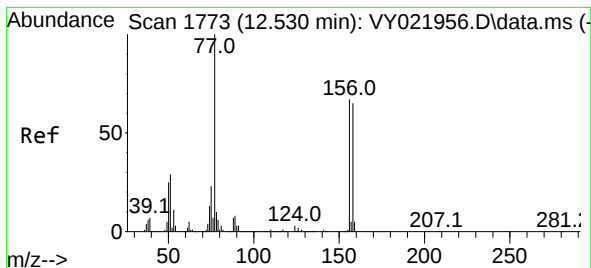
Tgt Ion: 83 Resp: 41636
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.5 16.4
 85 64.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 38.375 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022211.D
 Acq: 12 May 2025 09:51

Tgt Ion: 75 Resp: 53523
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.393 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBSD01

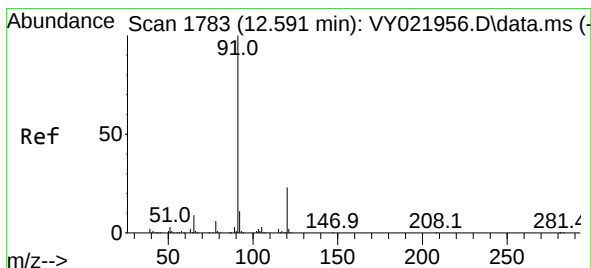
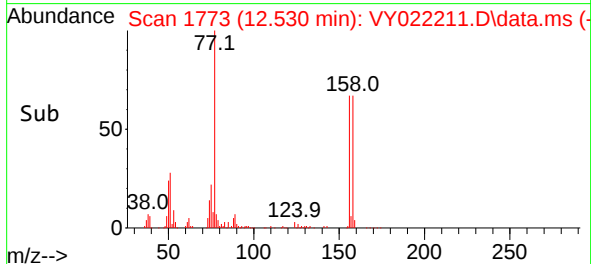
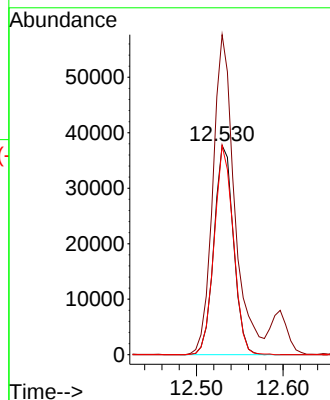
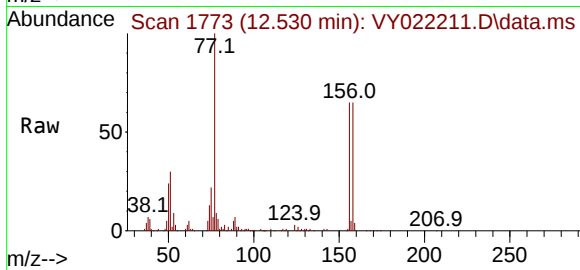
Tgt Ion:156 Resp: 58809

Ion Ratio Lower Upper

156 100

77 170.3 82.7 248.1

158 98.5 48.1 144.4



#78

n-propylbenzene

Concen: 21.406 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022211.D

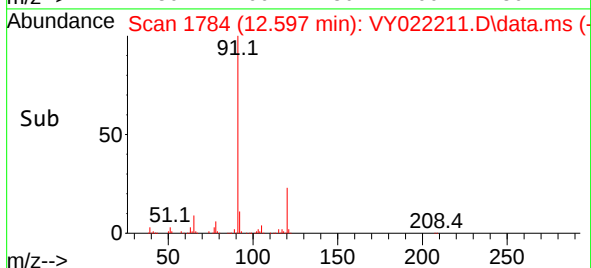
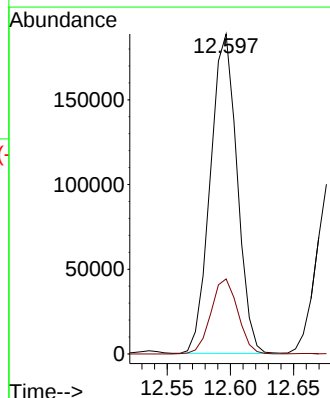
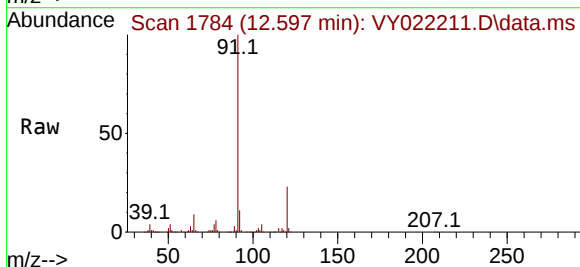
Acq: 12 May 2025 09:51

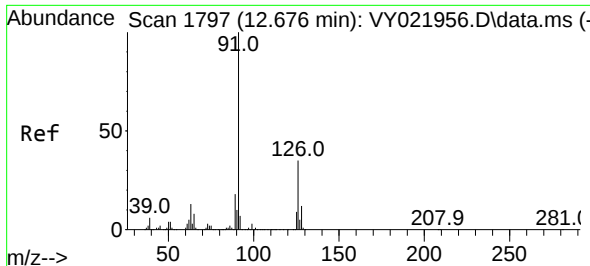
Tgt Ion: 91 Resp: 277323

Ion Ratio Lower Upper

91 100

120 23.7 11.9 35.5

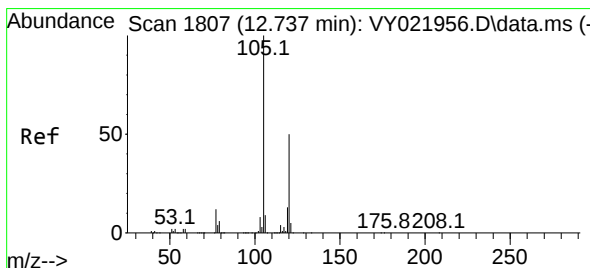
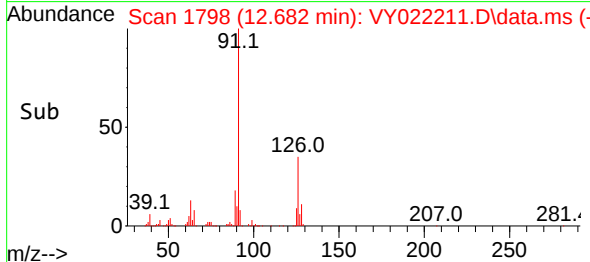
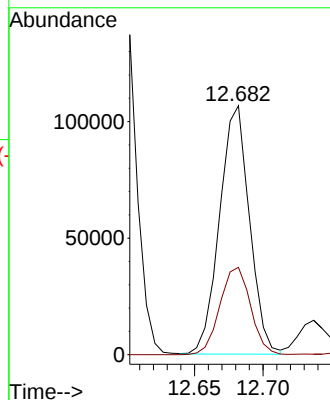
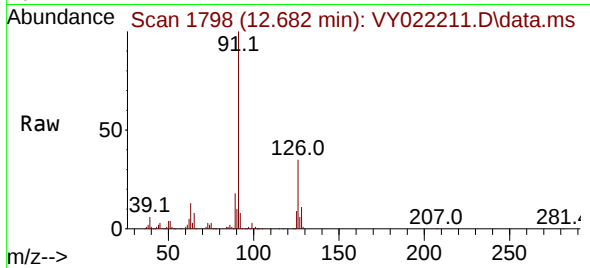




#79
2-Chlorotoluene
Concen: 21.509 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

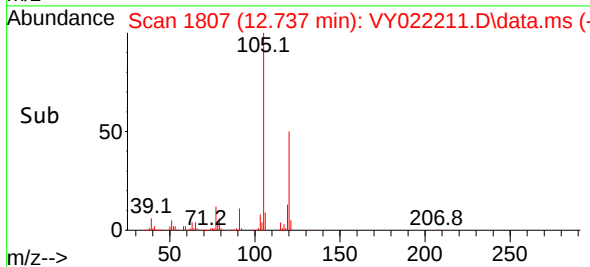
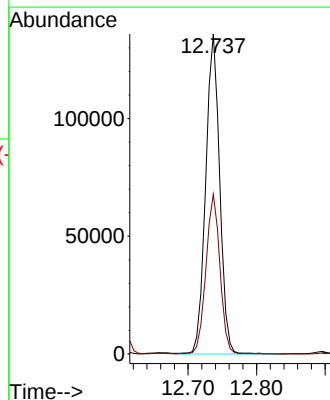
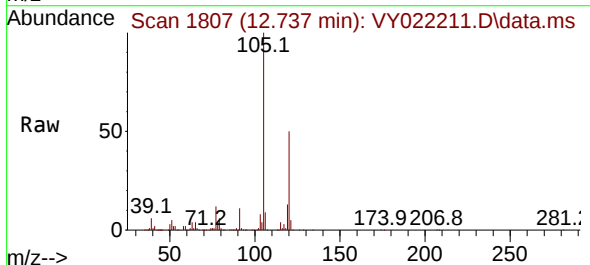
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

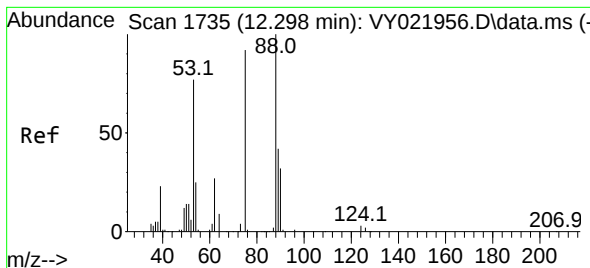
Tgt Ion: 91 Resp: 162059
Ion Ratio Lower Upper
91 100
126 36.0 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 21.542 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 105 Resp: 193096
Ion Ratio Lower Upper
105 100
120 49.9 25.0 75.0

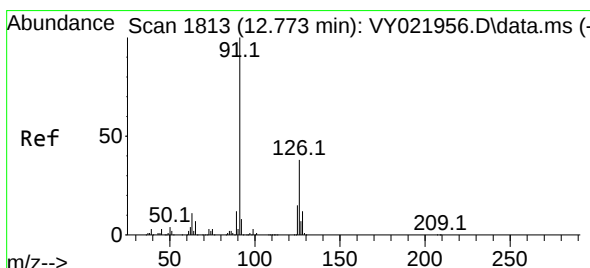
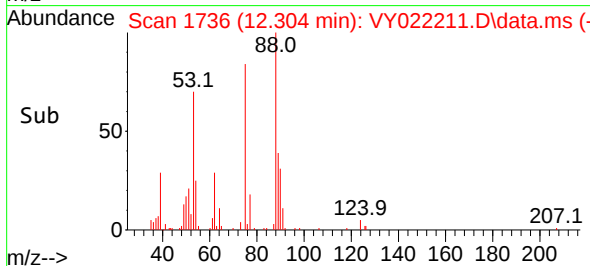
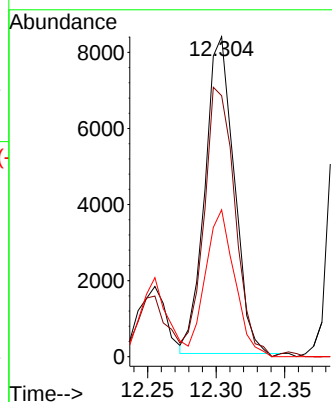
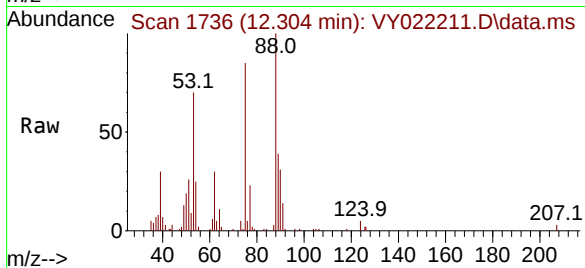




#81
trans-1,4-Dichloro-2-butene
Concen: 21.289 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

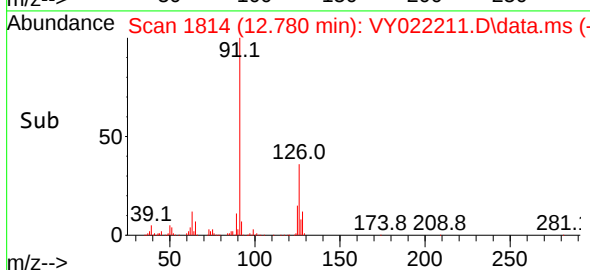
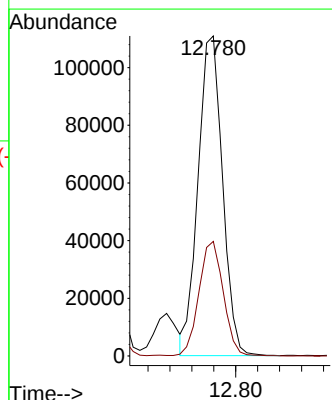
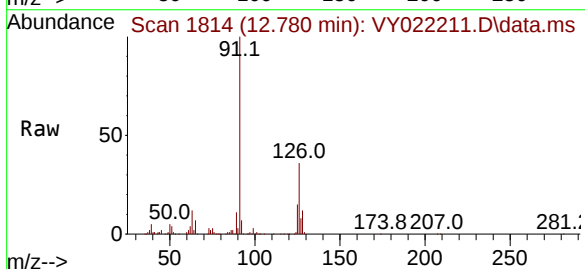
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

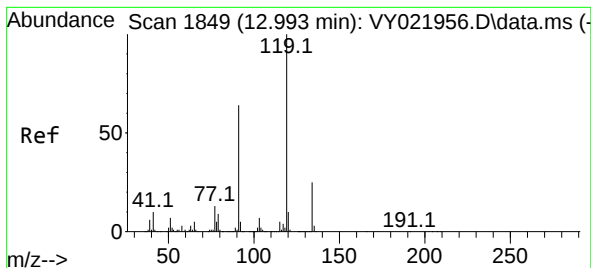
Tgt Ion: 75 Resp: 12330
Ion Ratio Lower Upper
75 100
53 88.5 66.0 99.0
89 46.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 21.938 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 91 Resp: 171823
Ion Ratio Lower Upper
91 100
126 35.9 17.9 53.8





#83

tert-Butylbenzene

Concen: 20.890 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

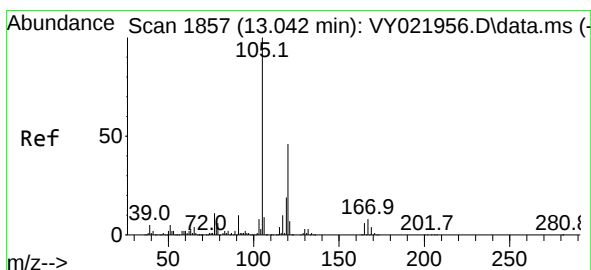
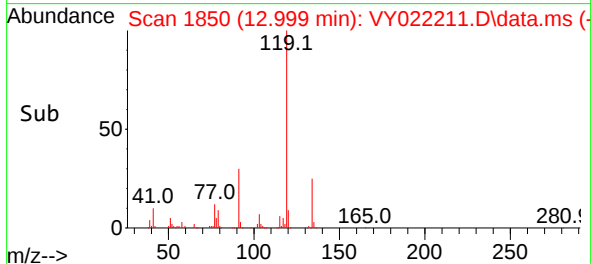
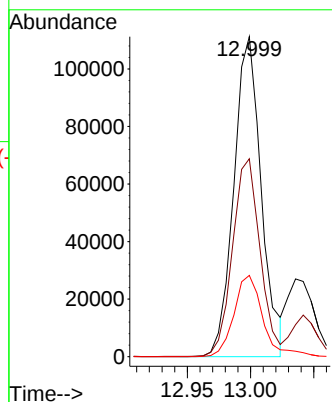
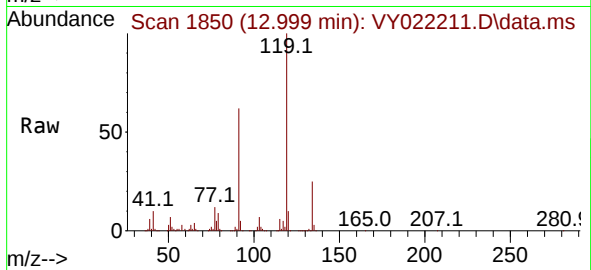
Tgt Ion:119 Resp: 167936

Ion Ratio Lower Upper

119 100

91 62.0 30.3 90.9

134 26.9 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 21.710 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022211.D

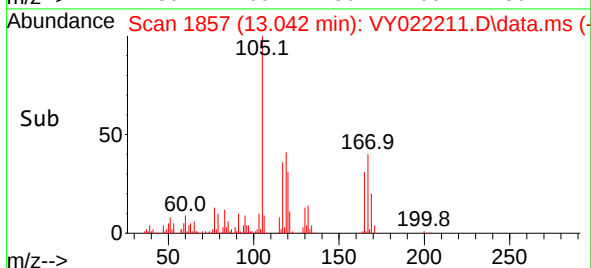
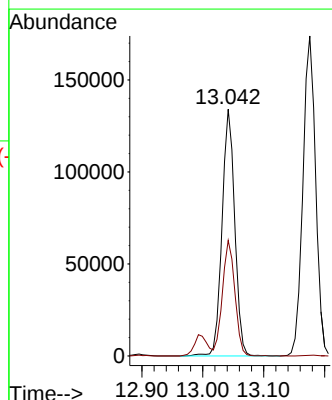
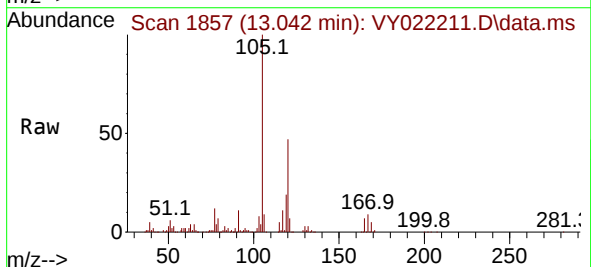
Acq: 12 May 2025 09:51

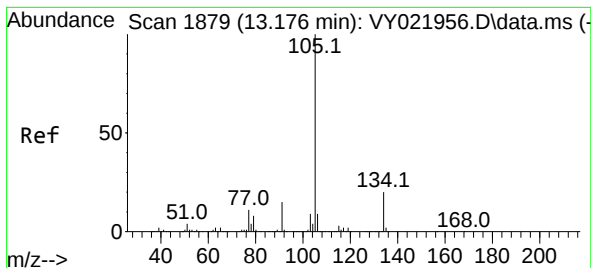
Tgt Ion:105 Resp: 194646

Ion Ratio Lower Upper

105 100

120 45.9 23.4 70.0





#85

sec-Butylbenzene

Concen: 21.410 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

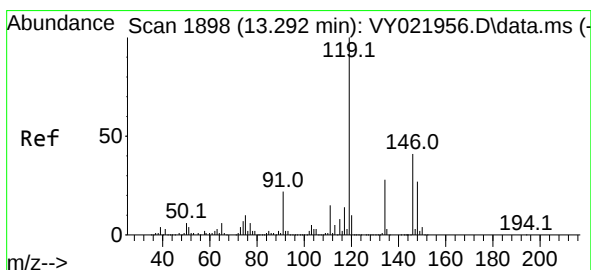
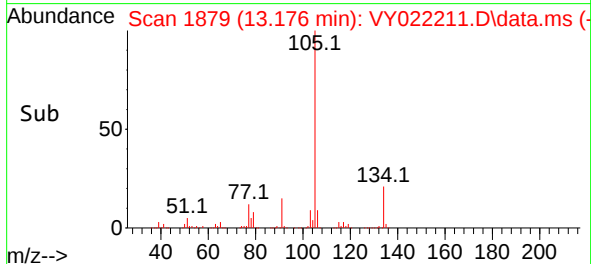
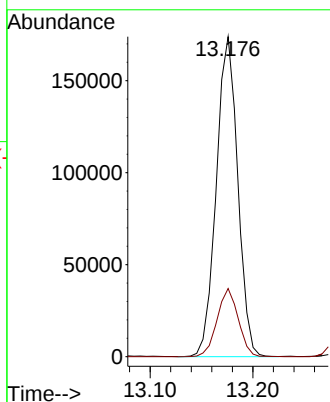
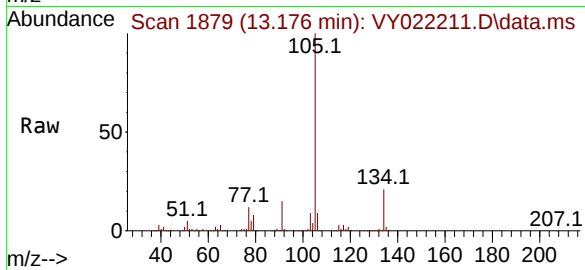
VY0512SBSD01

Tgt Ion:105 Resp: 251857

Ion Ratio Lower Upper

105 100

134 21.0 10.3 30.9



#86

p-Isopropyltoluene

Concen: 20.785 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

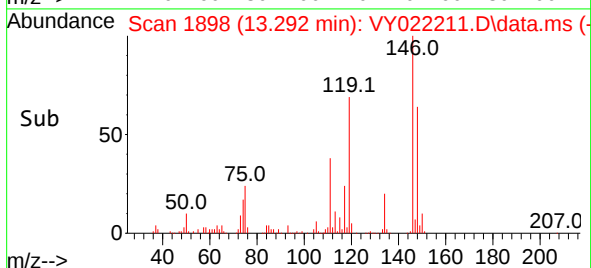
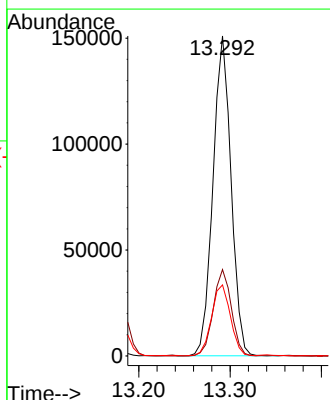
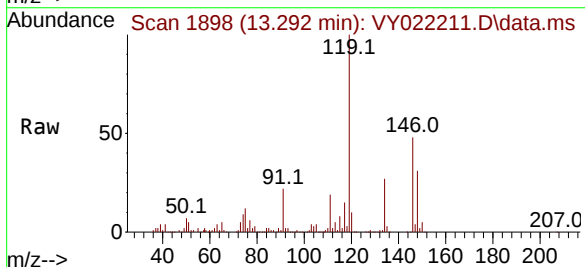
Tgt Ion:119 Resp: 207628

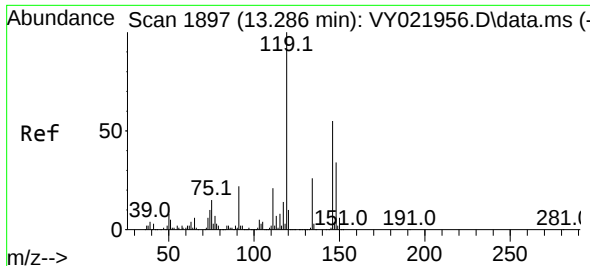
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 23.0 11.0 33.0

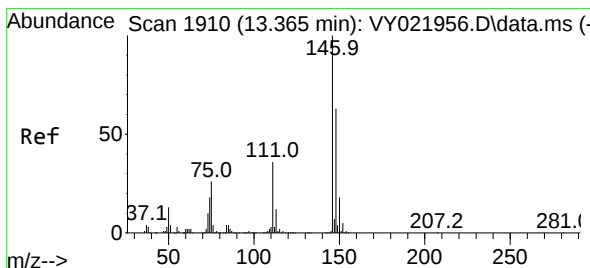
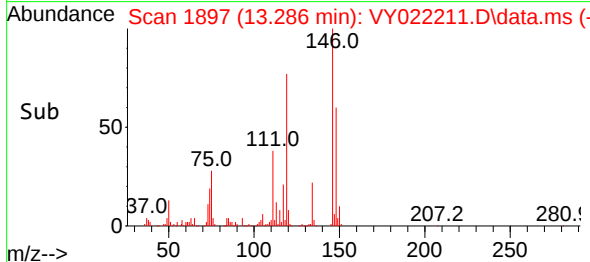
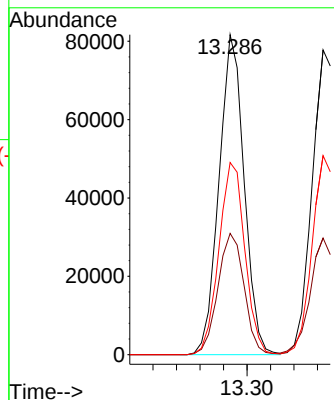
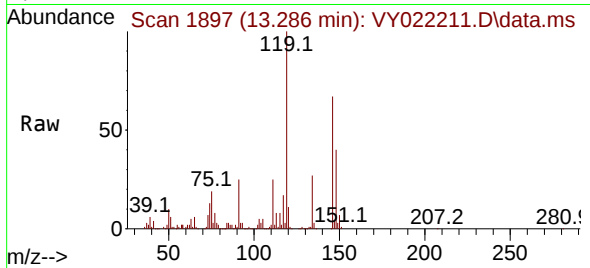




#87
 1,3-Dichlorobenzene
 Concen: 21.737 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. -0.000 min
 Lab File: VY022211.D
 Acq: 12 May 2025 09:51

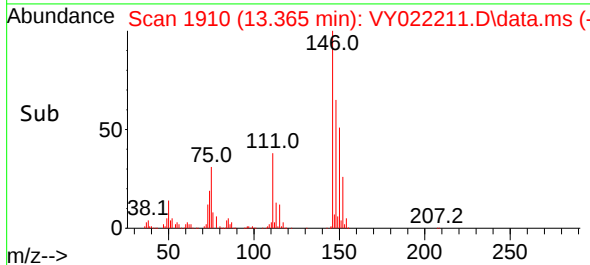
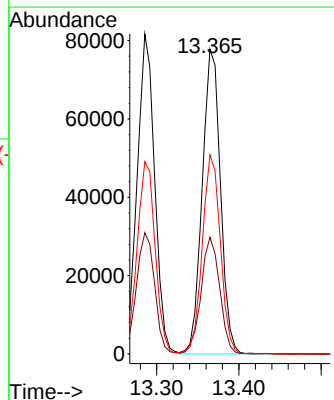
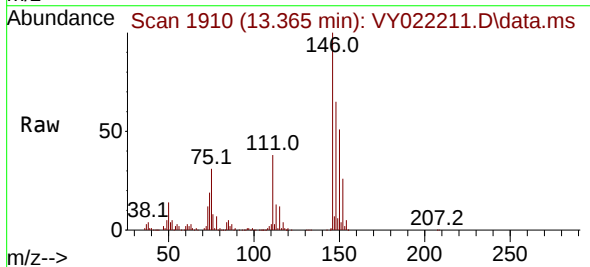
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0512SBSD01

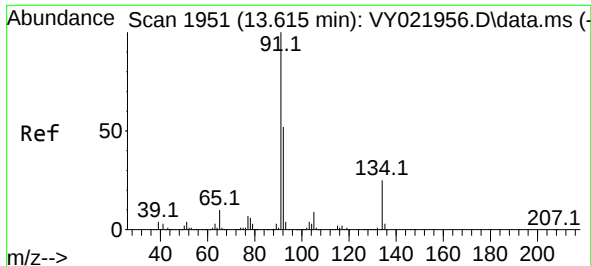
Tgt Ion:146 Resp: 121365
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.1 57.5
 148 62.2 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 21.720 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.000 min
 Lab File: VY022211.D
 Acq: 12 May 2025 09:51

Tgt Ion:146 Resp: 120102
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.2 57.6
 148 64.8 32.0 96.0

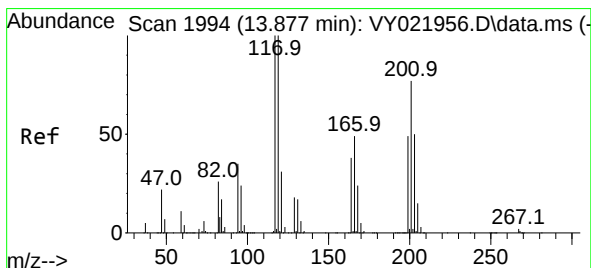
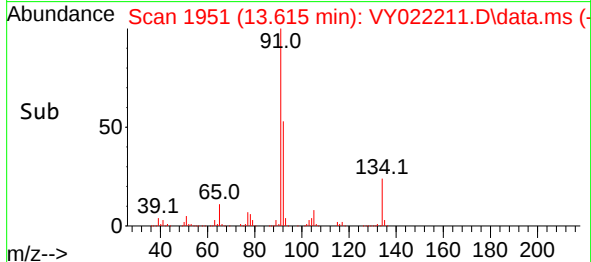
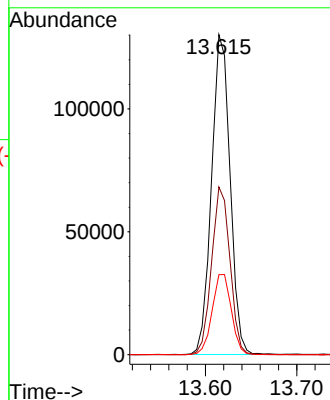
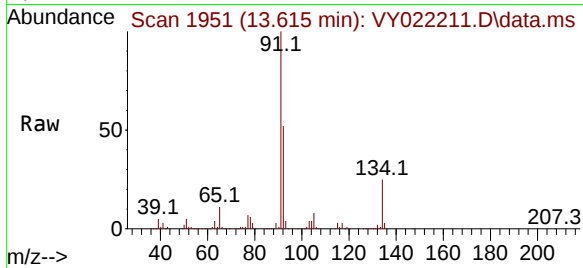




#89
n-Butylbenzene
Concen: 20.508 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

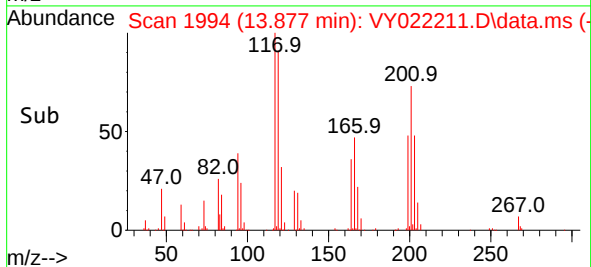
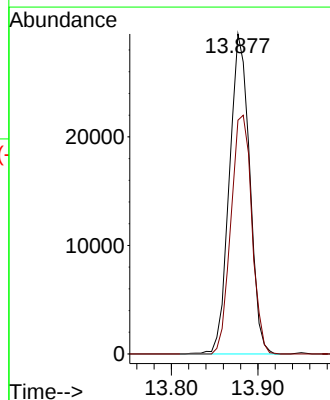
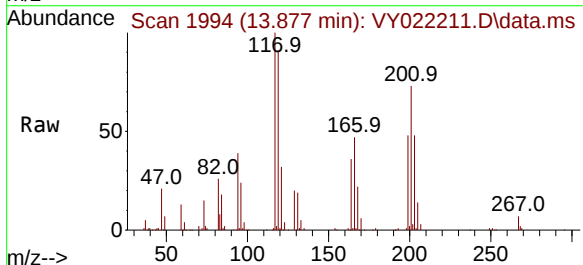
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

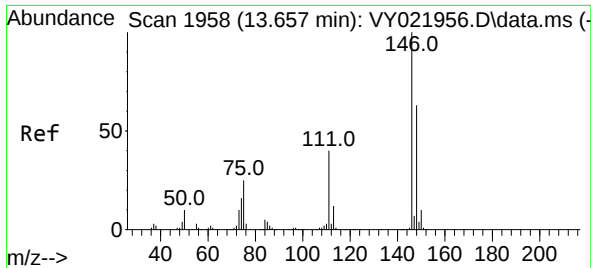
Tgt Ion: 91 Resp: 183111
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.5
134 26.0 13.4 40.1



#90
Hexachloroethane
Concen: 21.820 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 117 Resp: 47889
Ion Ratio Lower Upper
117 100
201 76.9 38.7 116.1

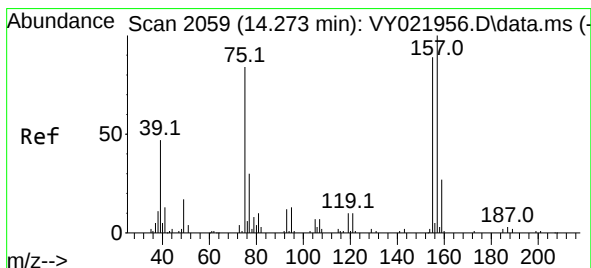
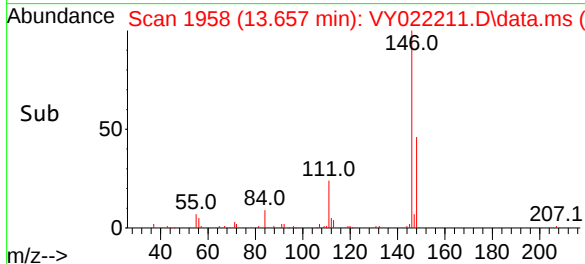
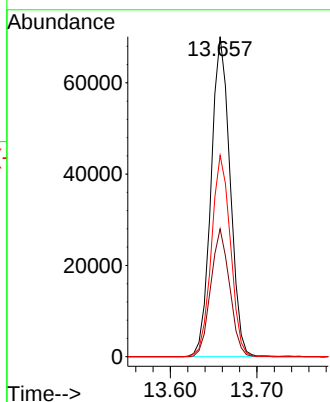
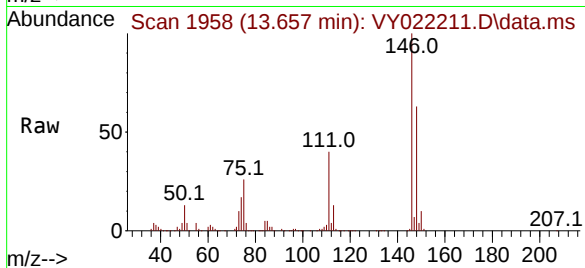




#91
1,2-Dichlorobenzene
Concen: 21.965 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

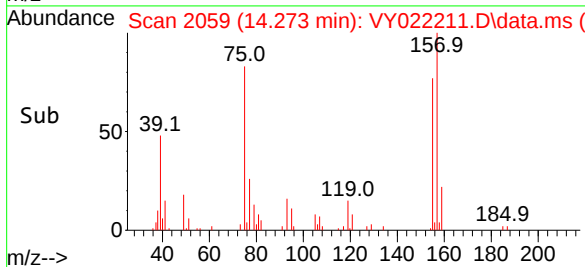
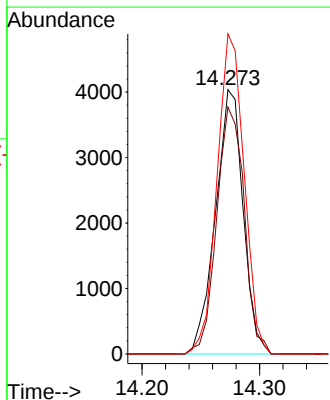
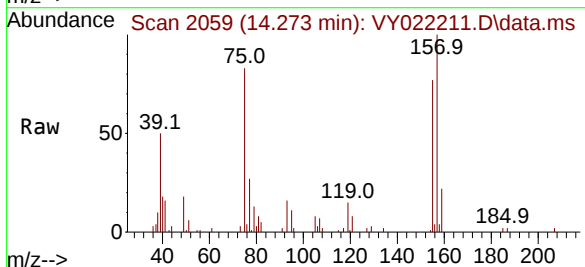
Instrument :
MSVOA_Y
ClientSampleId :
VY0512SBSD01

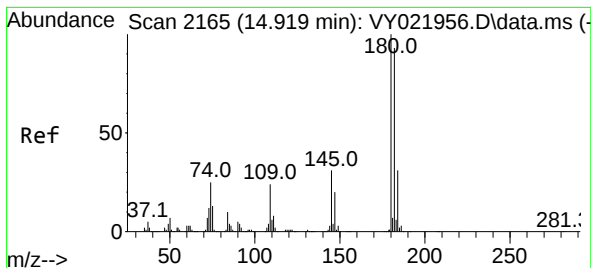
Tgt Ion:146 Resp: 106964
Ion Ratio Lower Upper
146 100
111 39.5 19.7 59.1
148 63.0 32.1 96.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.628 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.000 min
Lab File: VY022211.D
Acq: 12 May 2025 09:51

Tgt Ion: 75 Resp: 6603
Ion Ratio Lower Upper
75 100
155 92.6 50.7 152.3
157 118.3 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 19.937 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBS01

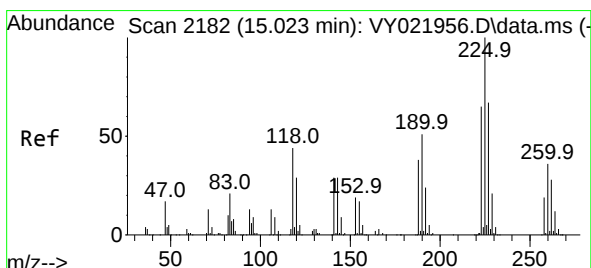
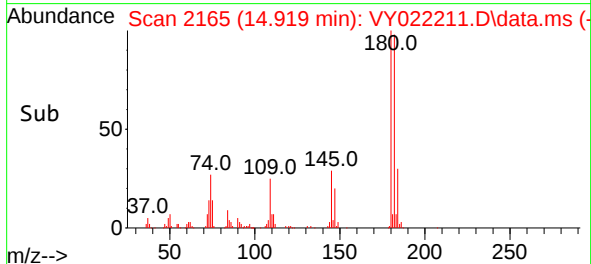
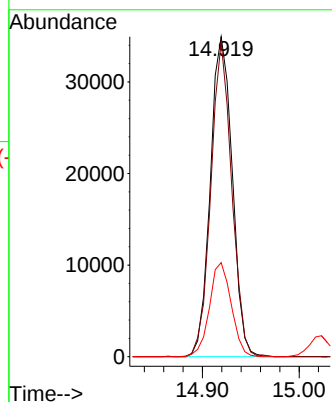
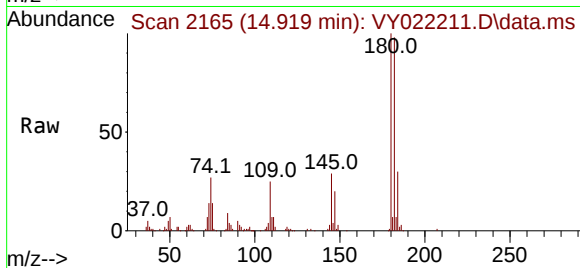
Tgt Ion:180 Resp: 55017

Ion Ratio Lower Upper

180 100

182 93.5 47.1 141.4

145 29.2 15.0 45.0



#94

Hexachlorobutadiene

Concen: 20.708 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

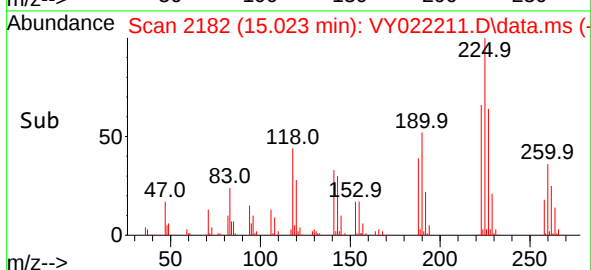
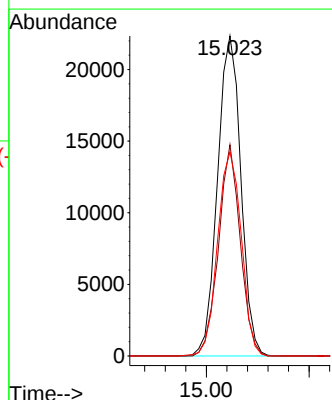
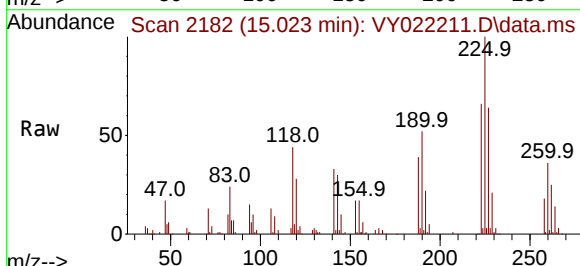
Tgt Ion:225 Resp: 35158

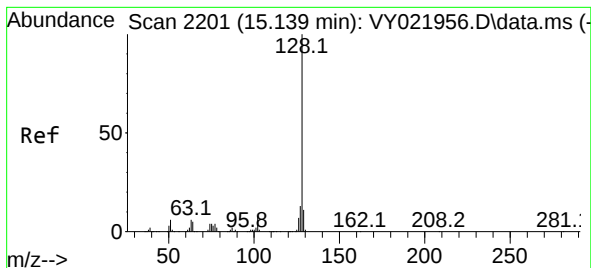
Ion Ratio Lower Upper

225 100

223 61.6 31.9 95.5

227 64.7 32.3 96.9





#95

Naphthalene

Concen: 18.866 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0512SBSD01

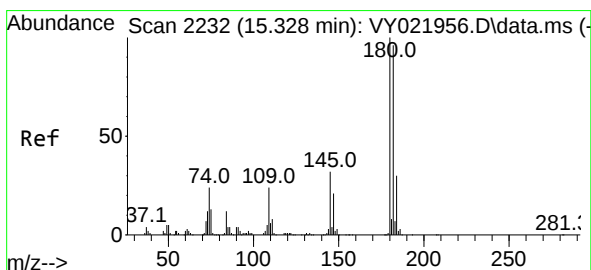
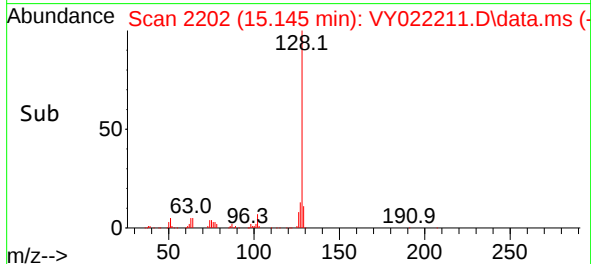
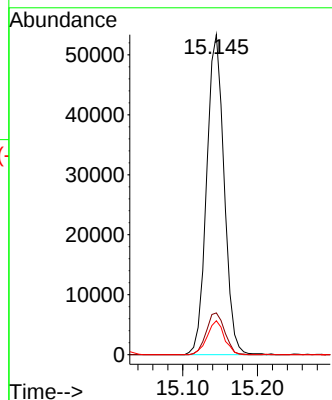
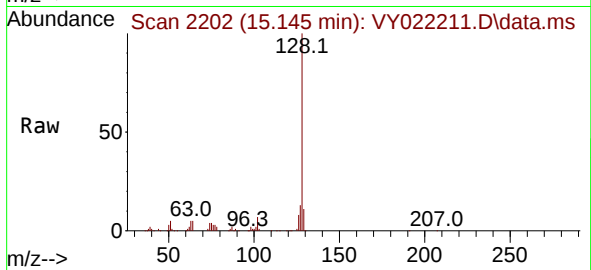
Tgt Ion:128 Resp: 86483

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 10.4 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.966 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022211.D

Acq: 12 May 2025 09:51

Tgt Ion:180 Resp: 47559

Ion Ratio Lower Upper

180 100

182 93.9 48.1 144.4

145 32.3 16.0 48.0

