

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
 Data File : VY022875.D
 Acq On : 30 Jun 2025 12:32
 Operator : SY/MD
 Sample : VY0630SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Quant Time: Jul 01 03:36:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	457956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	769619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	654092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	308766	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	249144	48.744	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.480%
35) Dibromofluoromethane	7.634	113	233496	49.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.780%
50) Toluene-d8	10.103	98	926701	49.896	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.800%
62) 4-Bromofluorobenzene	12.401	95	286131	47.924	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.840%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	82732	21.127	ug/l	96
3) Chloromethane	2.068	50	145460	19.452	ug/l	99
4) Vinyl Chloride	2.202	62	179176	19.179	ug/l	99
5) Bromomethane	2.592	94	143449	19.532	ug/l	99
6) Chloroethane	2.732	64	122747	19.547	ug/l	96
7) Trichlorofluoromethane	3.049	101	203795	19.701	ug/l	99
8) Diethyl Ether	3.452	74	57899	22.662	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.805	101	99935	21.140	ug/l	97
10) Methyl Iodide	4.000	142	100506	19.527	ug/l	99
11) Tert butyl alcohol	4.866	59	31791	93.541	ug/l	98
12) 1,1-Dichloroethene	3.787	96	97472	21.028	ug/l	99
13) Acrolein	3.653	56	39361	85.409	ug/l	99
14) Allyl chloride	4.378	41	154821	21.715	ug/l	92
15) Acrylonitrile	5.055	53	105124	98.617	ug/l	99
16) Acetone	3.872	43	128123	132.623	ug/l	99
17) Carbon Disulfide	4.104	76	310886	20.761	ug/l	98
18) Methyl Acetate	4.391	43	55576	17.371	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	254937	20.198	ug/l	97
20) Methylene Chloride	4.610	84	139627	22.886	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	108246	20.432	ug/l	95
22) Diisopropyl ether	6.018	45	339046	21.413	ug/l	98
23) Vinyl Acetate	5.957	43	934821	106.900	ug/l	100
24) 1,1-Dichloroethane	5.909	63	200807	20.996	ug/l	98
25) 2-Butanone	6.890	43	160198	113.936	ug/l	99
26) 2,2-Dichloropropane	6.884	77	175690	21.914	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	125355	20.363	ug/l	97
28) Bromochloromethane	7.244	49	81987	20.390	ug/l	96
29) Tetrahydrofuran	7.262	42	87132	98.140	ug/l	99
30) Chloroform	7.421	83	204540	20.764	ug/l	92
31) Cyclohexane	7.701	56	188997	21.528	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	180433	21.196	ug/l	99
36) 1,1-Dichloropropene	7.835	75	148415	20.920	ug/l	99
37) Ethyl Acetate	6.982	43	63884	20.868	ug/l	98
38) Carbon Tetrachloride	7.817	117	155932	20.831	ug/l	97
39) Methylcyclohexane	9.109	83	195510	21.295	ug/l	98
40) Benzene	8.079	78	454672	20.845	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	26813	14.227	ug/l #	76
42) 1,2-Dichloroethane	8.158	62	123220	20.615	ug/l	98
43) Isopropyl Acetate	8.195	43	127199	19.991	ug/l	99
44) Trichloroethene	8.859	130	111927	20.438	ug/l	98
45) 1,2-Dichloropropane	9.140	63	105621	20.690	ug/l	97
46) Dibromomethane	9.231	93	57674	19.902	ug/l	98
47) Bromodichloromethane	9.420	83	153733	20.572	ug/l	95
48) Methyl methacrylate	9.219	41	59699	19.517	ug/l	94
49) 1,4-Dioxane	9.225	88	12270	358.371	ug/l	95
51) 4-Methyl-2-Pentanone	9.993	43	317300	98.134	ug/l	96
52) Toluene	10.170	92	282203	20.508	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	136528	20.306	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	159892	20.510	ug/l	97
55) 1,1,2-Trichloroethane	10.572	97	76514	20.390	ug/l	96
56) Ethyl methacrylate	10.438	69	97705	19.353	ug/l	95
57) 1,3-Dichloropropane	10.713	76	132001	20.162	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	233088	97.996	ug/l	100
59) 2-Hexanone	10.761	43	229283	104.301	ug/l	98
60) Dibromochloromethane	10.908	129	95842	19.773	ug/l	98
61) 1,2-Dibromoethane	11.011	107	68173	19.414	ug/l	98
64) Tetrachloroethene	10.646	164	118197	19.128	ug/l	97
65) Chlorobenzene	11.438	112	293918	20.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	98077	20.147	ug/l	99
67) Ethyl Benzene	11.517	91	520993	20.631	ug/l	99
68) m/p-Xylenes	11.627	106	399051	40.880	ug/l	100
69) o-Xylene	11.950	106	186280	20.252	ug/l	99
70) Styrene	11.969	104	306192	19.874	ug/l	100
71) Bromoform	12.127	173	52108	19.224	ug/l #	99
73) Isopropylbenzene	12.249	105	488287	21.383	ug/l	100
74) N-amyl acetate	12.066	43	105321	20.548	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.499	83	80576	21.894	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	107407	34.073	ug/l #	100
77) Bromobenzene	12.529	156	106962	20.665	ug/l	99
78) n-propylbenzene	12.590	91	593497	21.527	ug/l	99
79) 2-Chlorotoluene	12.676	91	332637	21.355	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	390931	21.207	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	25803	20.680	ug/l	97
82) 4-Chlorotoluene	12.773	91	337202	20.609	ug/l	100
83) tert-Butylbenzene	12.993	119	344699	21.203	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	392336	21.258	ug/l	99
85) sec-Butylbenzene	13.170	105	528051	21.588	ug/l	99
86) p-Isopropyltoluene	13.285	119	433785	21.310	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	214505	20.635	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	212059	20.536	ug/l	98
89) n-Butylbenzene	13.615	91	415050	21.677	ug/l	99
90) Hexachloroethane	13.877	117	85333	21.048	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	188591	20.587	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.267	75	12577	20.152	ug/l	96
93) 1,2,4-Trichlorobenzene	14.913	180	106828	20.654	ug/l	99
94) Hexachlorobutadiene	15.017	225	63162	21.595	ug/l	98
95) Naphthalene	15.139	128	181037	19.355	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	90763	20.307	ug/l	99

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VY0630SBSD01

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Quant Title : SW846 8260
QLast Update : Tue Jun 24 08:29:52 2025
Response via : Initial Calibration

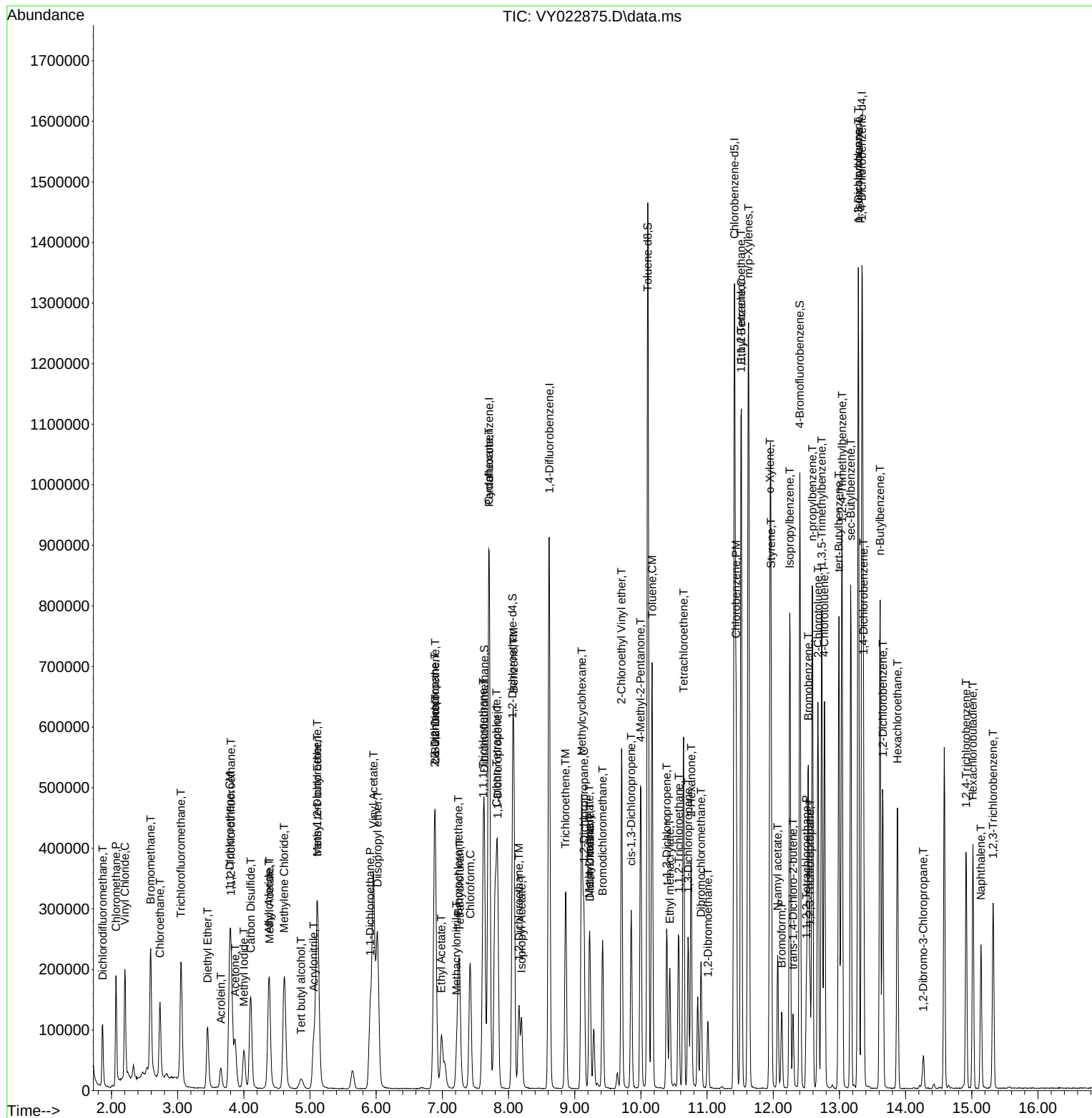
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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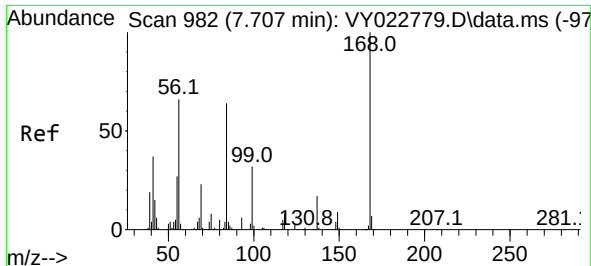
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
 Data File : VY022875.D
 Acq On : 30 Jun 2025 12:32
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 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
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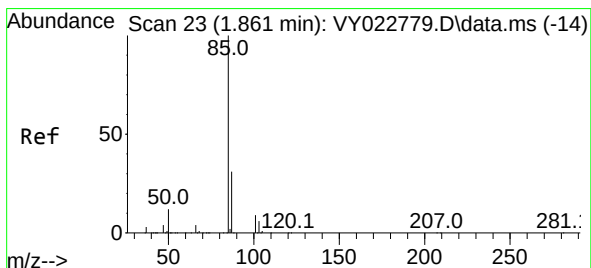
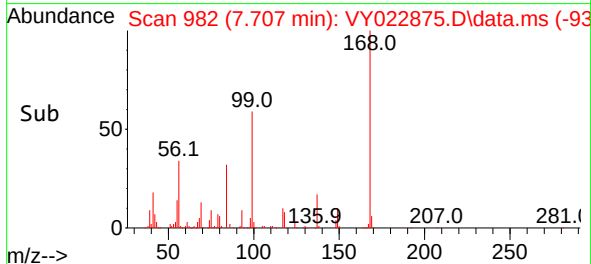
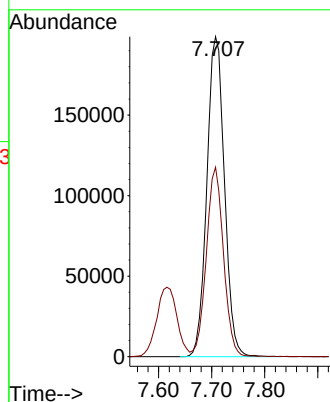
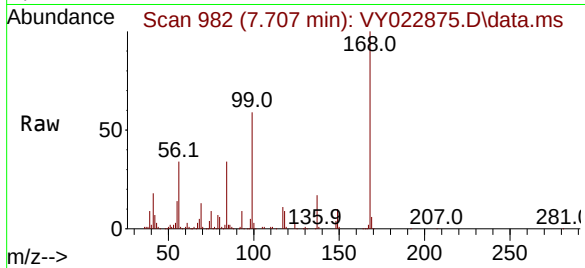




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022875.D
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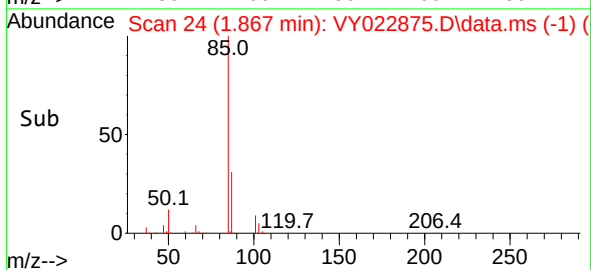
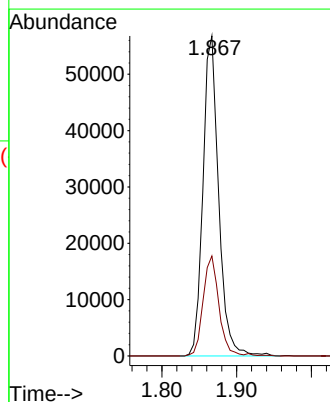
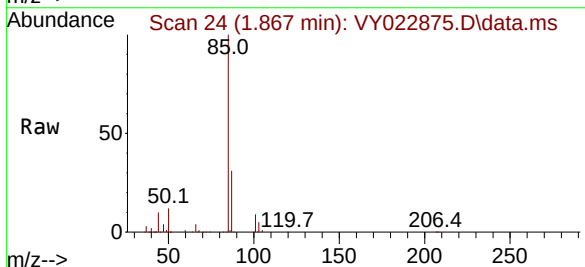
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

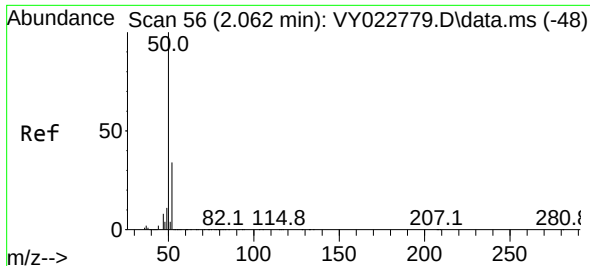
Tgt Ion:168 Resp: 457956
Ion Ratio Lower Upper
168 100
99 59.1 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 21.127 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 85 Resp: 82732
Ion Ratio Lower Upper
85 100
87 31.3 16.7 50.0

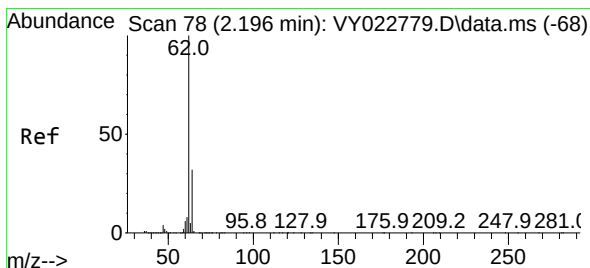
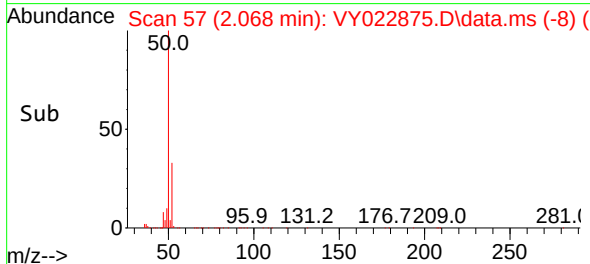
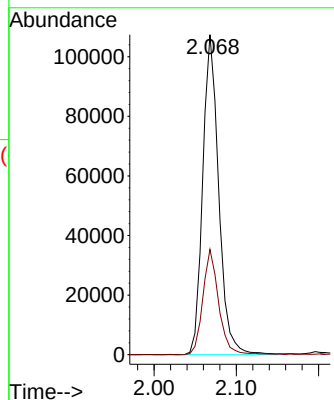
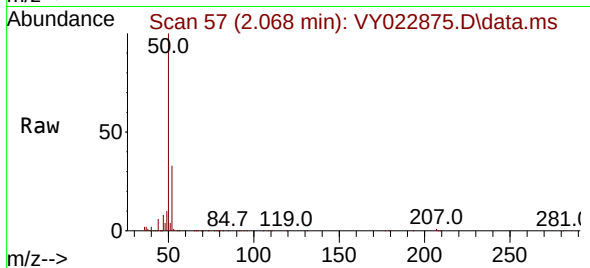




#3
Chloromethane
Concen: 19.452 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

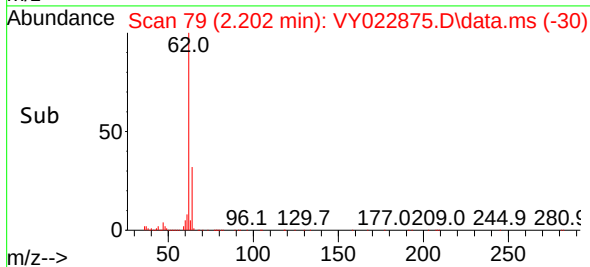
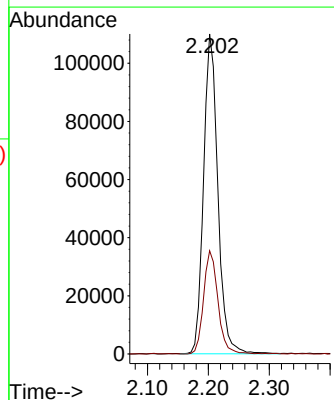
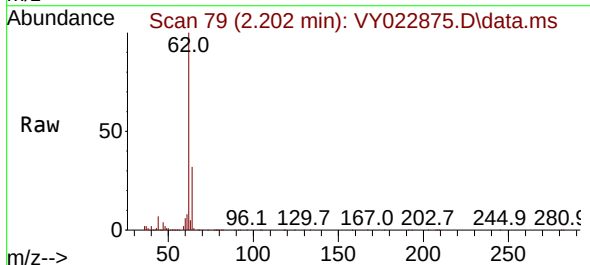
Instrument :
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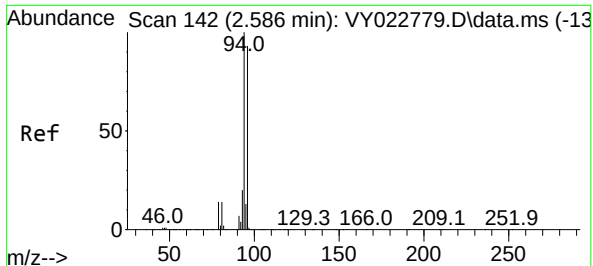
Tgt Ion: 50 Resp: 145460
Ion Ratio Lower Upper
50 100
52 32.9 26.0 39.0



#4
Vinyl Chloride
Concen: 19.179 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 62 Resp: 179176
Ion Ratio Lower Upper
62 100
64 32.2 25.3 37.9

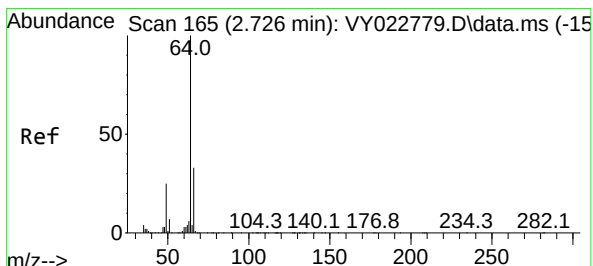
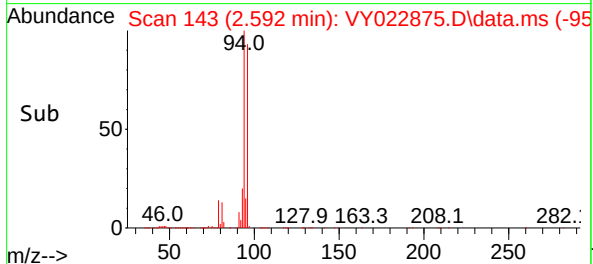
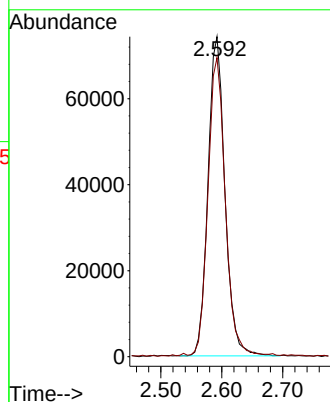
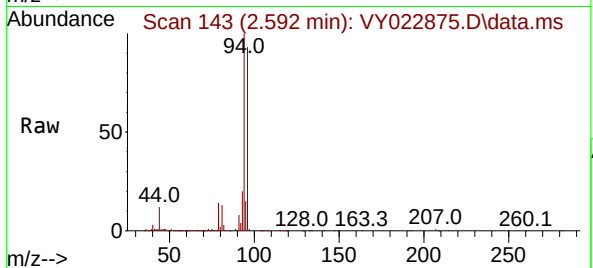




#5
Bromomethane
Concen: 19.532 ug/l
RT: 2.592 min Scan# 142
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

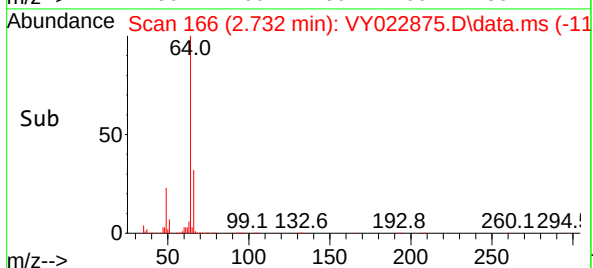
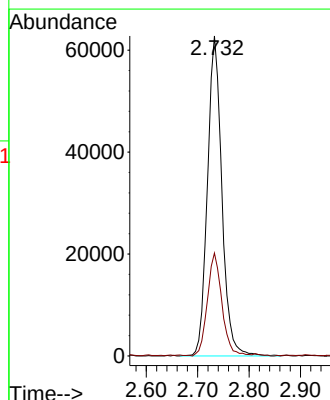
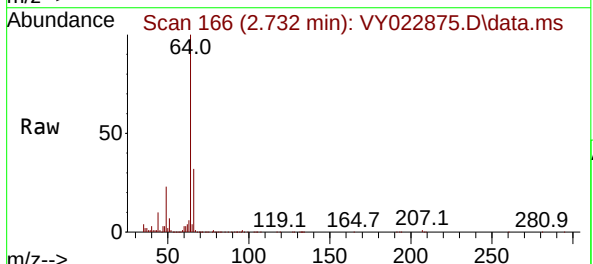
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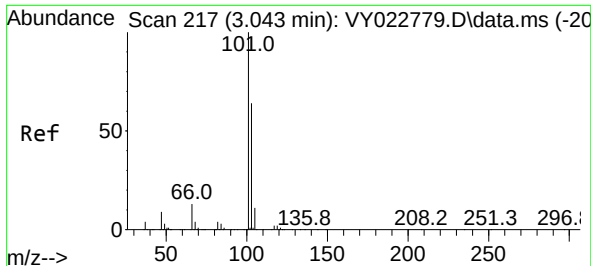
Tgt Ion: 94 Resp: 143449
Ion Ratio Lower Upper
94 100
96 93.3 74.0 111.0



#6
Chloroethane
Concen: 19.547 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 64 Resp: 122747
Ion Ratio Lower Upper
64 100
66 32.0 23.8 35.6

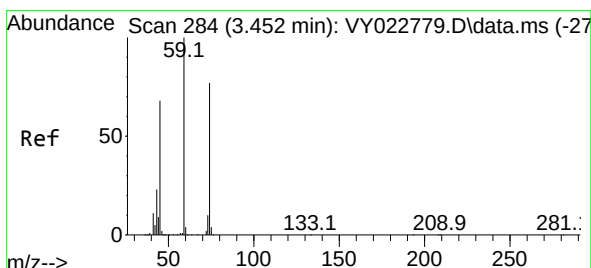
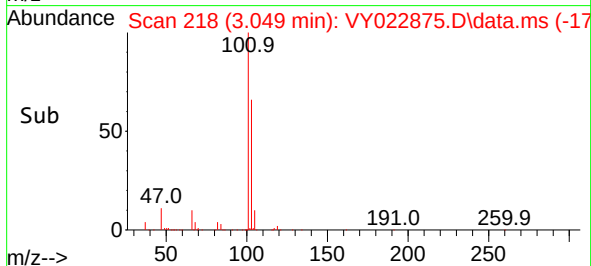
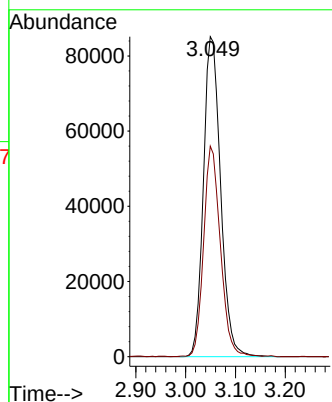
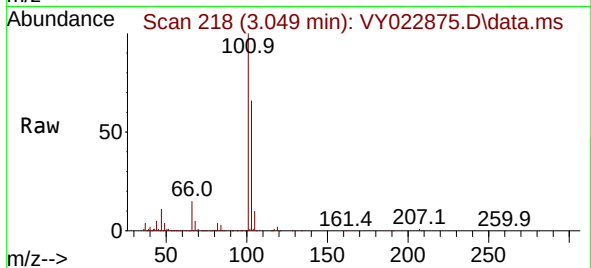




#7
Trichlorofluoromethane
Concen: 19.701 ug/l
RT: 3.049 min Scan# 217
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

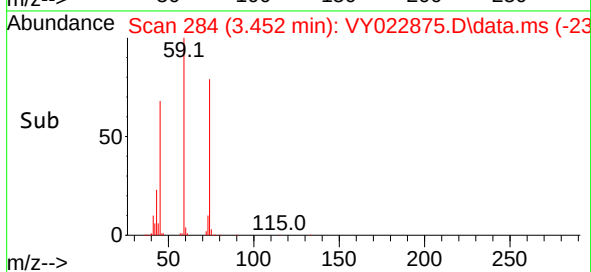
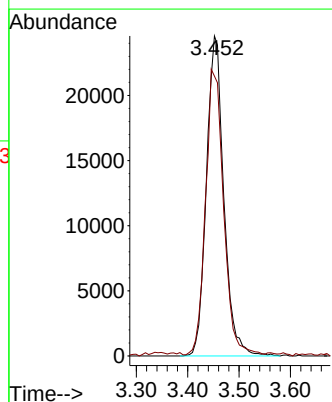
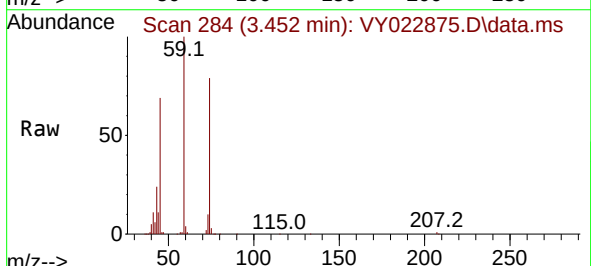
Instrument :
MSVOA_Y
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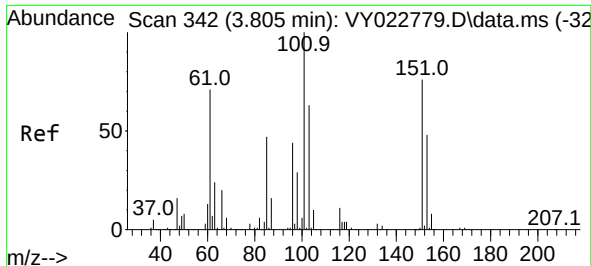
Tgt Ion:101 Resp: 203795
Ion Ratio Lower Upper
101 100
103 65.8 52.2 78.2



#8
Diethyl Ether
Concen: 22.662 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.012 min
Lab File: VY022875.D
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Tgt Ion: 74 Resp: 57899
Ion Ratio Lower Upper
74 100
45 92.3 45.9 137.6

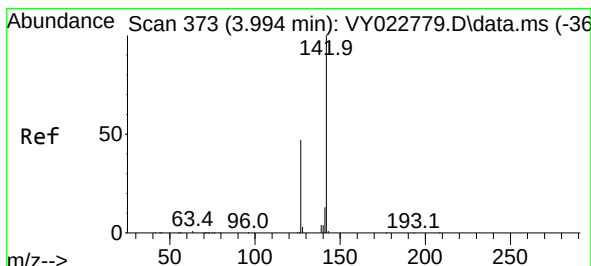
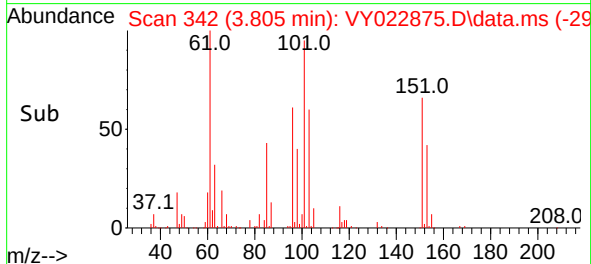
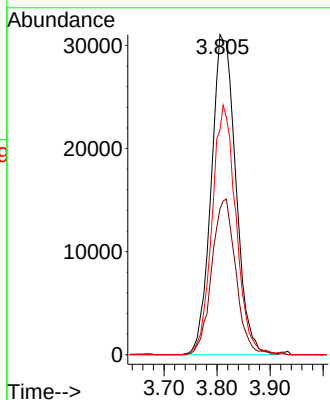
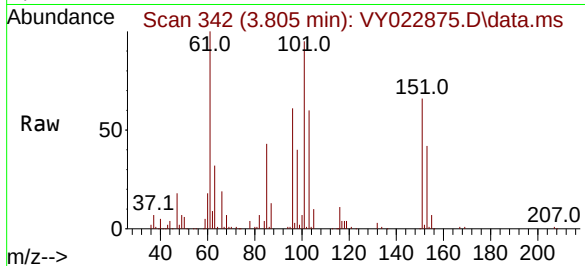




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.140 ug/l
RT: 3.805 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

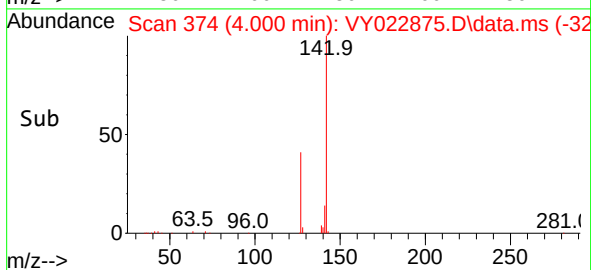
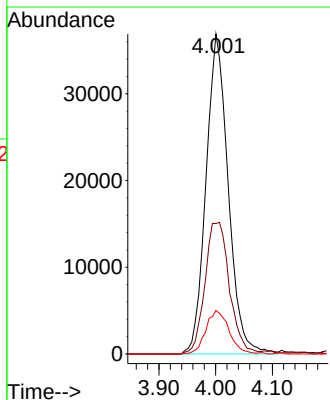
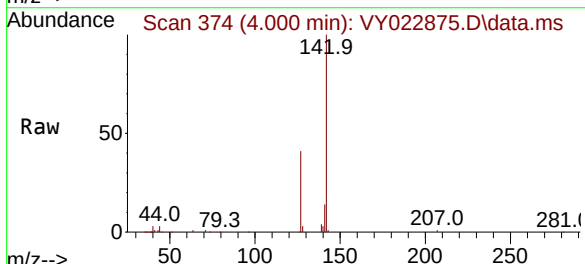
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBSD01

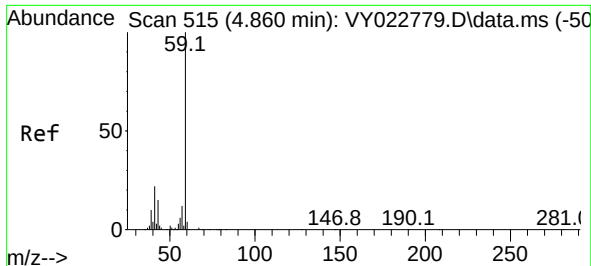
Tgt Ion:101 Resp: 99935
Ion Ratio Lower Upper
101 100
85 47.5 39.3 58.9
151 75.9 57.8 86.8



#10
Methyl Iodide
Concen: 19.527 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion:142 Resp: 100506
Ion Ratio Lower Upper
142 100
127 45.4 37.1 55.7
141 14.1 11.4 17.2

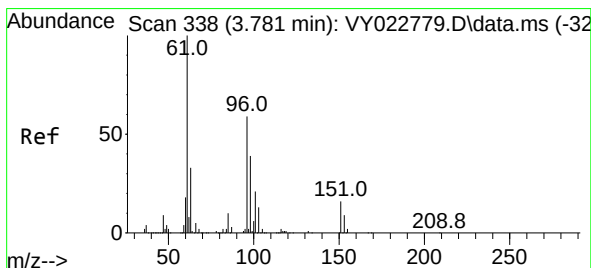
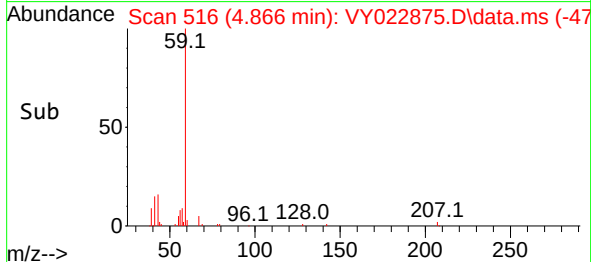
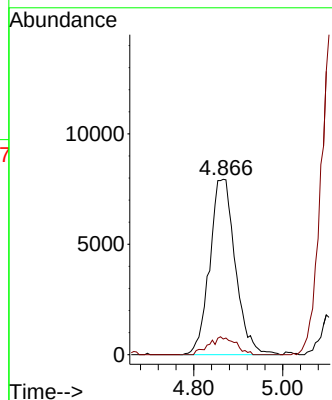
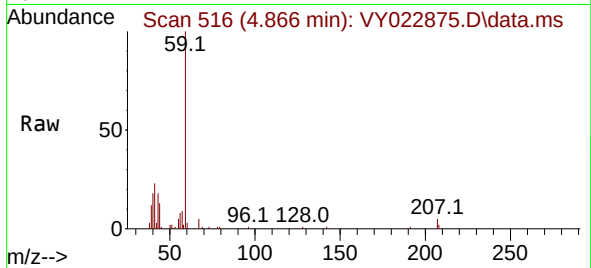




#11
Tert butyl alcohol
Concen: 93.541 ug/l
RT: 4.866 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

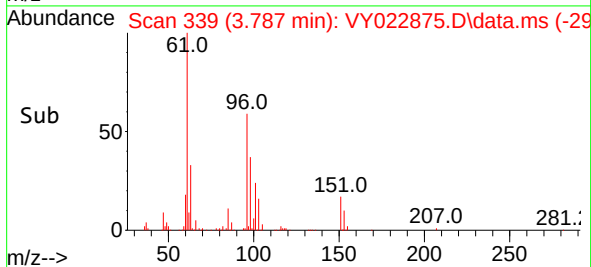
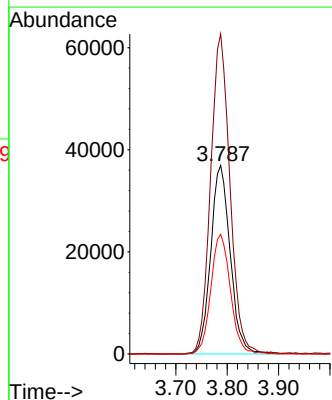
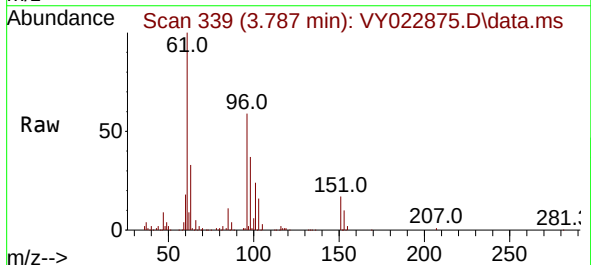
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

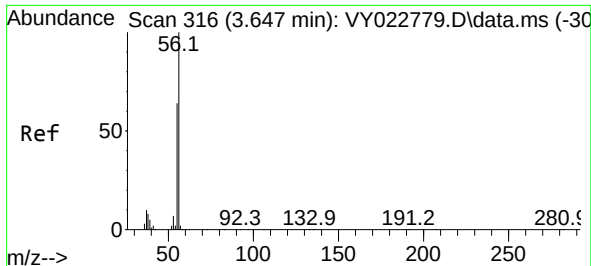
Tgt Ion: 59 Resp: 31791
Ion Ratio Lower Upper
59 100
57 10.6 8.0 12.0



#12
1,1-Dichloroethene
Concen: 21.028 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.012 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 96 Resp: 97472
Ion Ratio Lower Upper
96 100
61 169.7 134.6 201.8
98 63.5 50.2 75.4

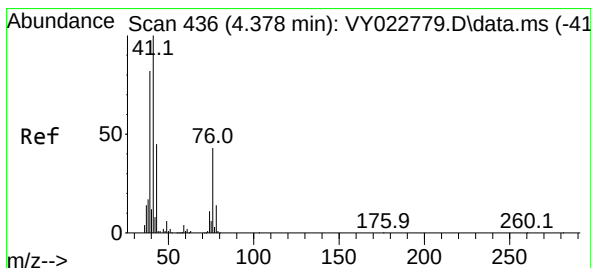
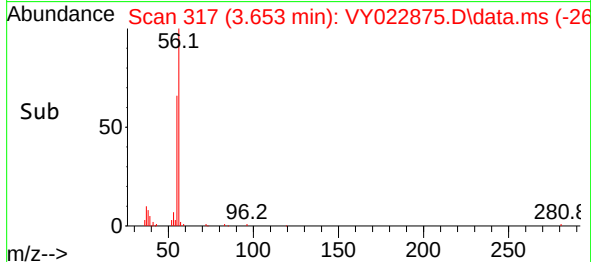
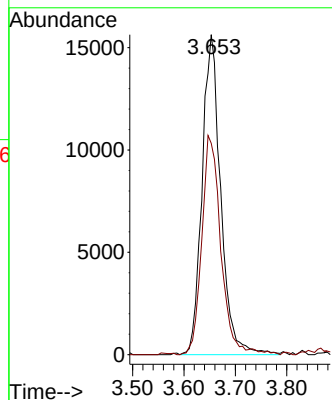
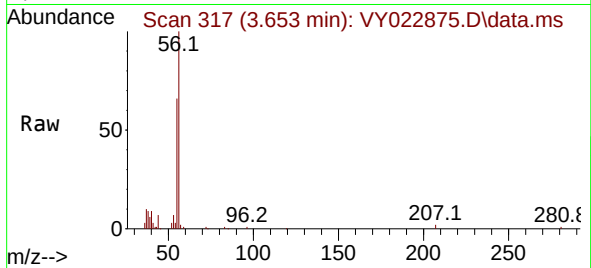




#13
Acrolein
Concen: 85.409 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

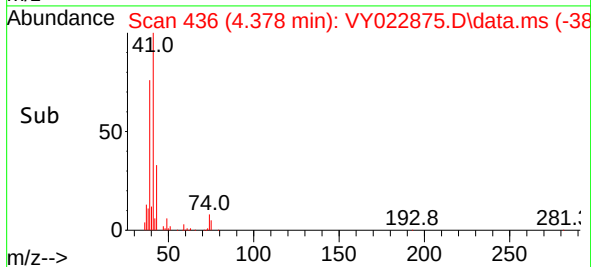
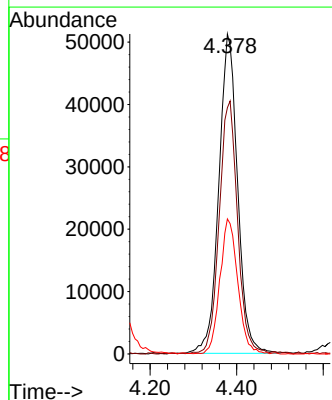
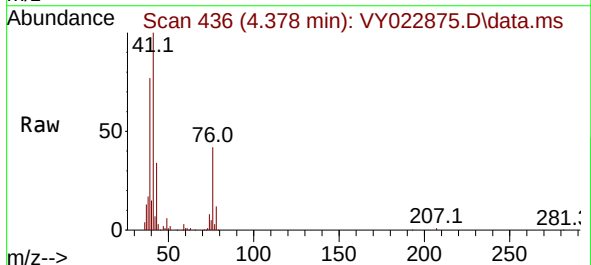
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

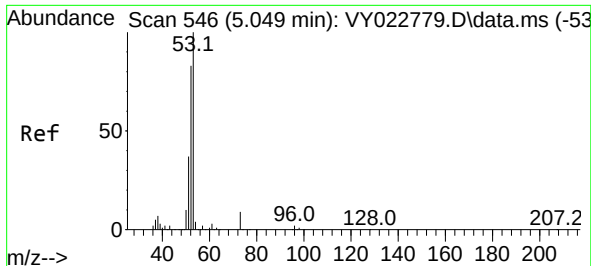
Tgt Ion: 56 Resp: 39361
Ion Ratio Lower Upper
56 100
55 70.1 57.0 85.6



#14
Allyl chloride
Concen: 21.715 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 41 Resp: 154821
Ion Ratio Lower Upper
41 100
39 76.9 69.1 103.7
76 40.0 33.5 50.3

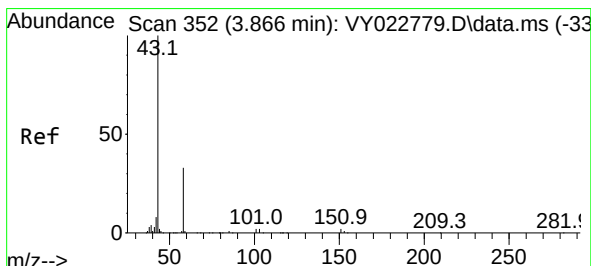
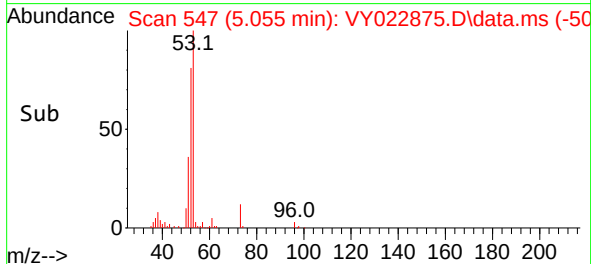
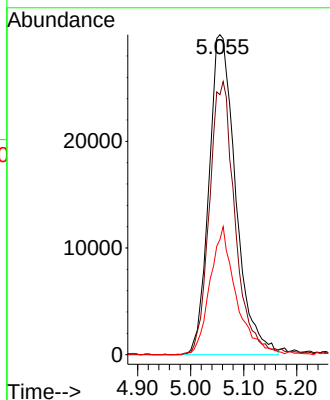
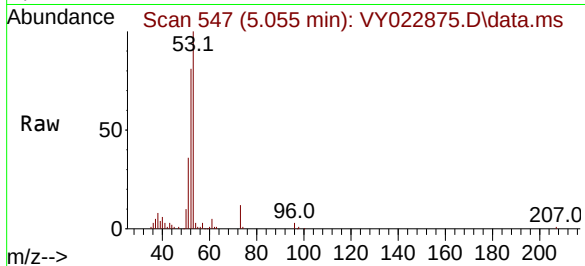




#15
Acrylonitrile
Concen: 98.617 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

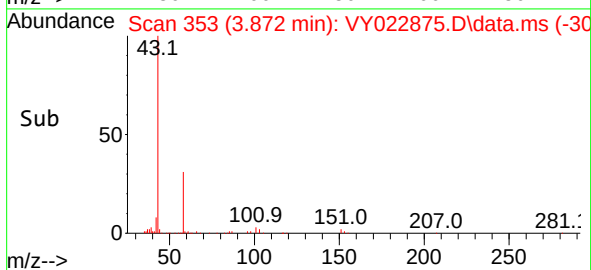
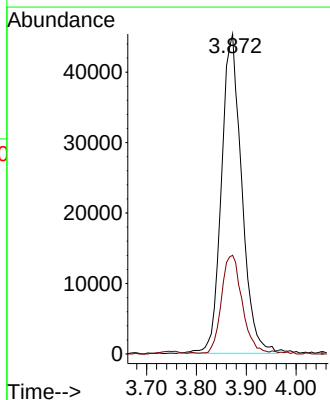
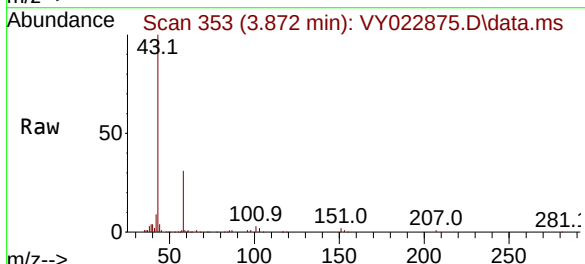
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

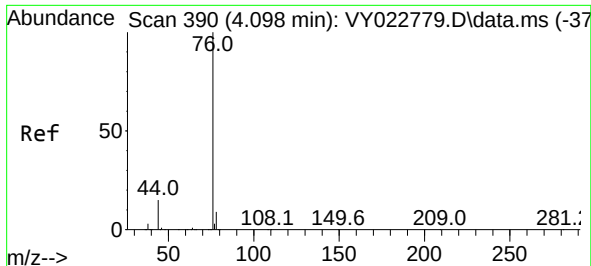
Tgt Ion: 53 Resp: 105124
Ion Ratio Lower Upper
53 100
52 82.5 65.7 98.5
51 39.2 30.1 45.1



#16
Acetone
Concen: 132.623 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 43 Resp: 128123
Ion Ratio Lower Upper
43 100
58 30.4 24.0 36.0

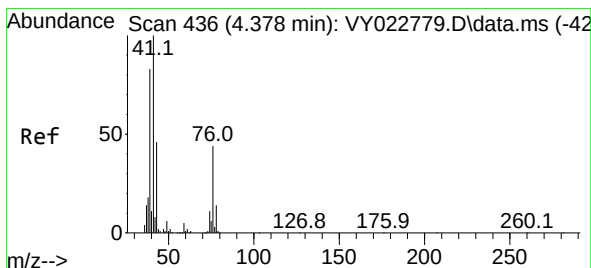
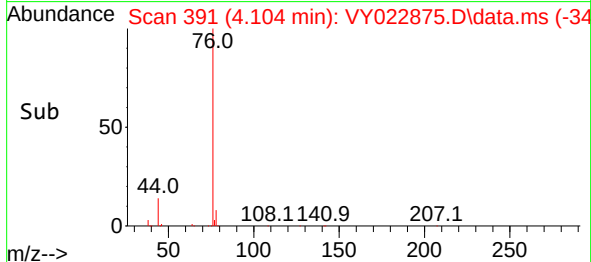
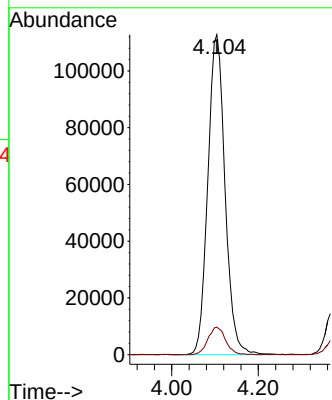
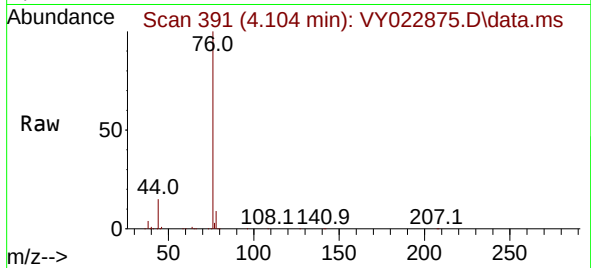




#17
Carbon Disulfide
Concen: 20.761 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

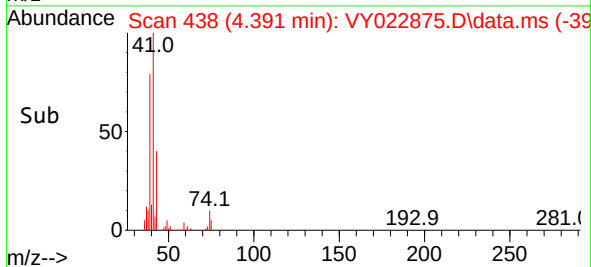
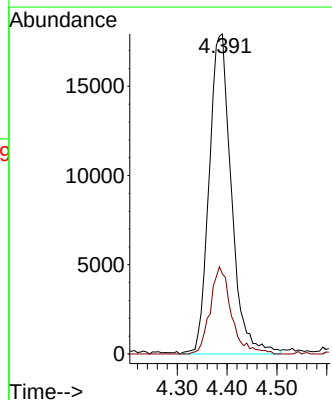
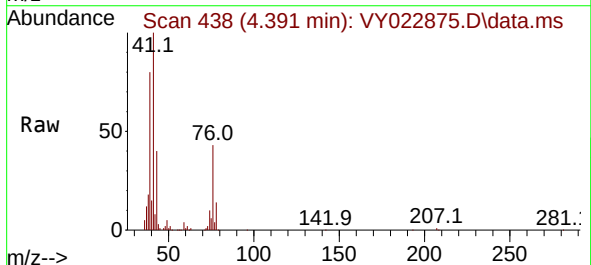
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

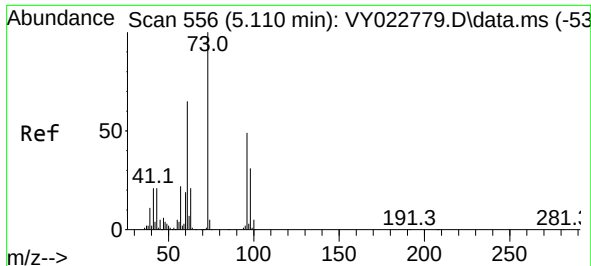
Tgt Ion: 76 Resp: 310886
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2



#18
Methyl Acetate
Concen: 17.371 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 43 Resp: 55576
Ion Ratio Lower Upper
43 100
74 26.0 19.8 29.6

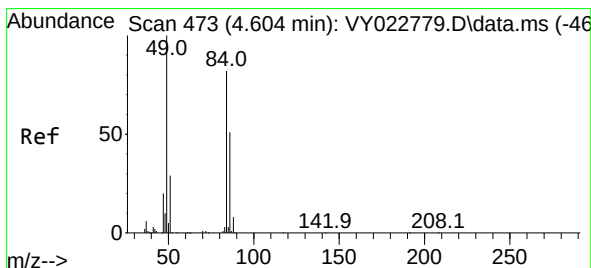
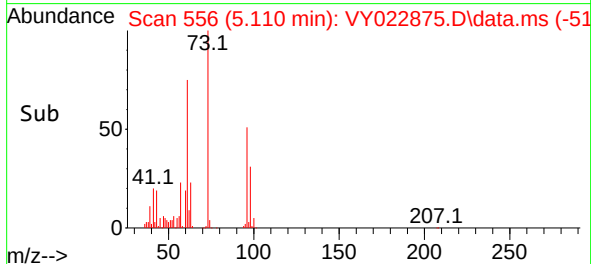
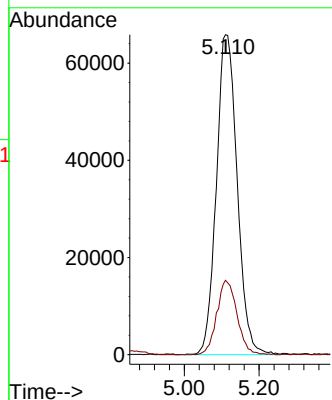
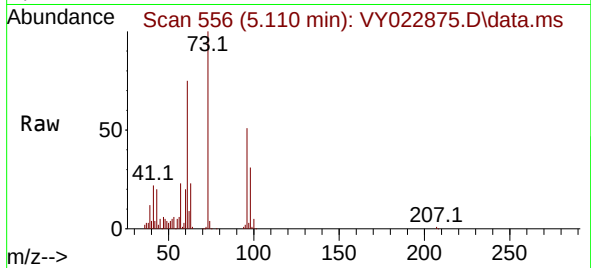




#19
Methyl tert-butyl Ether
Concen: 20.198 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

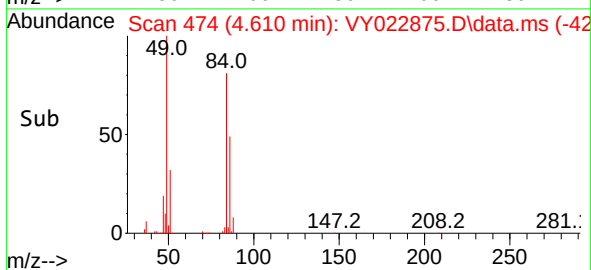
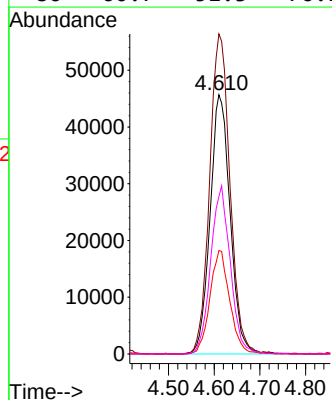
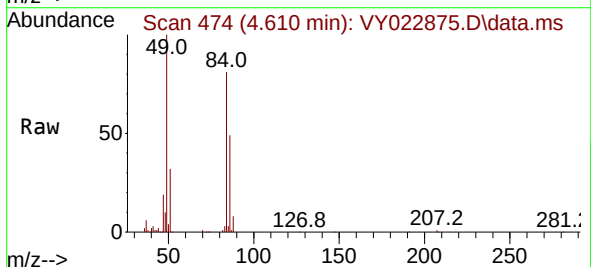
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

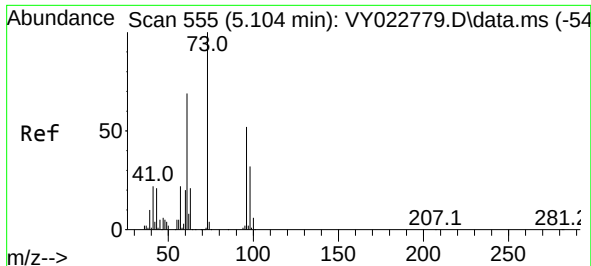
Tgt Ion: 73 Resp: 254937
Ion Ratio Lower Upper
73 100
57 23.3 17.4 26.0



#20
Methylene Chloride
Concen: 22.886 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 84 Resp: 139627
Ion Ratio Lower Upper
84 100
49 123.4 101.9 152.9
51 39.9 29.8 44.8
86 60.7 51.3 76.9

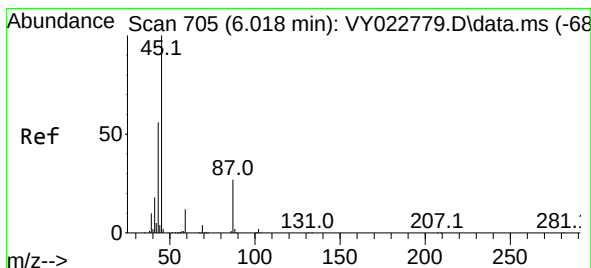
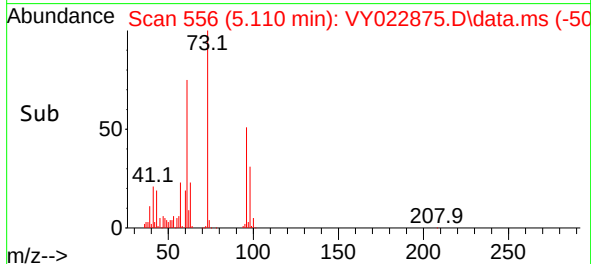
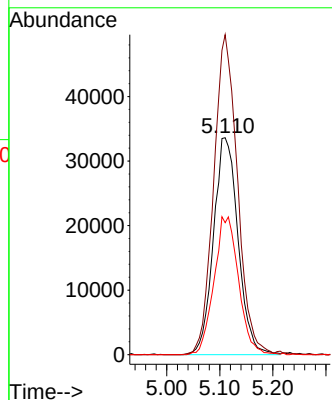
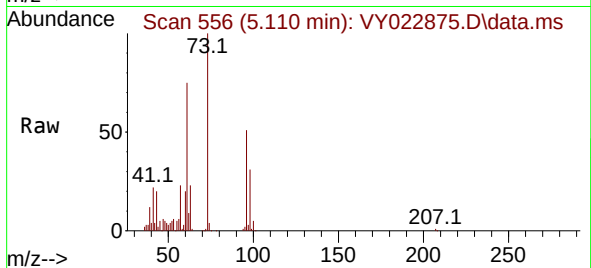




#21
trans-1,2-Dichloroethene
Concen: 20.432 ug/l
RT: 5.110 min Scan# 5110
Delta R.T. -0.012 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

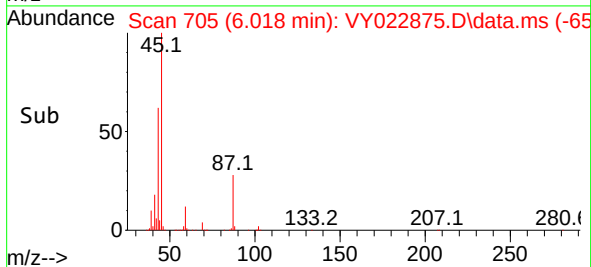
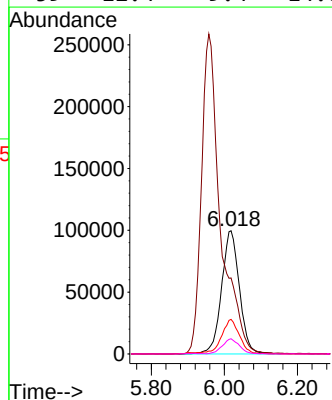
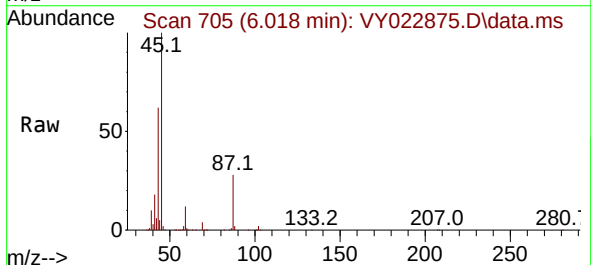
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

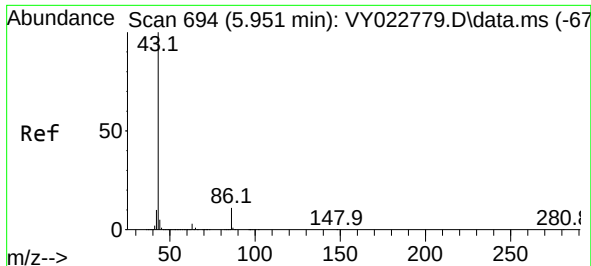
Tgt Ion: 96 Resp: 108246
Ion Ratio Lower Upper
96 100
61 147.5 112.6 169.0
98 60.9 50.6 75.8



#22
Diisopropyl ether
Concen: 21.413 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 45 Resp: 339046
Ion Ratio Lower Upper
45 100
43 61.6 48.3 72.5
87 28.0 23.0 34.6
59 12.4 9.4 14.0

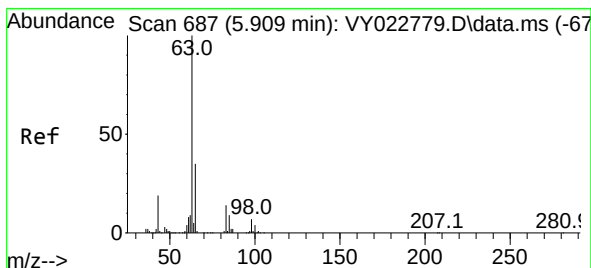
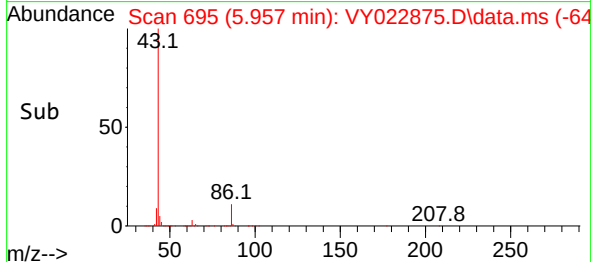
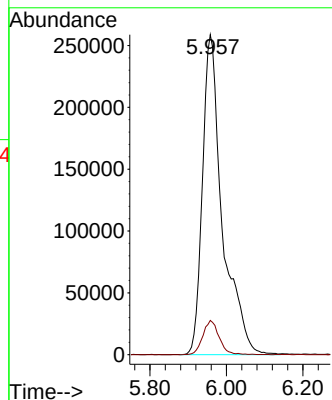
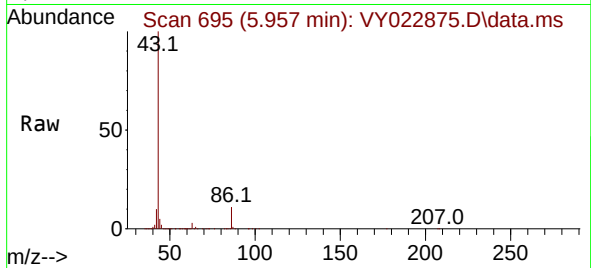




#23
 Vinyl Acetate
 Concen: 106.900 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY022875.D
 Acq: 30 Jun 2025 12:32

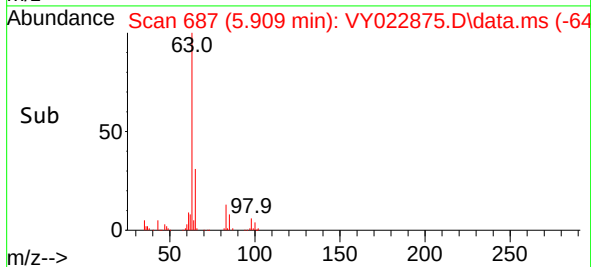
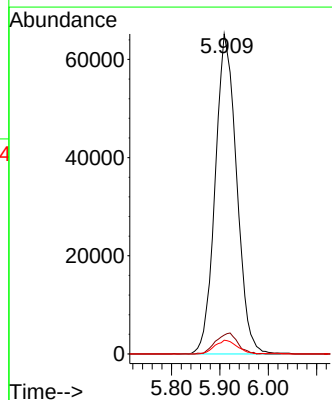
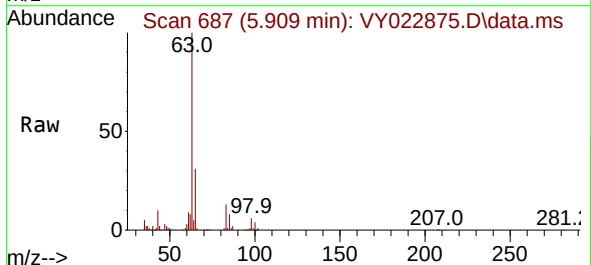
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

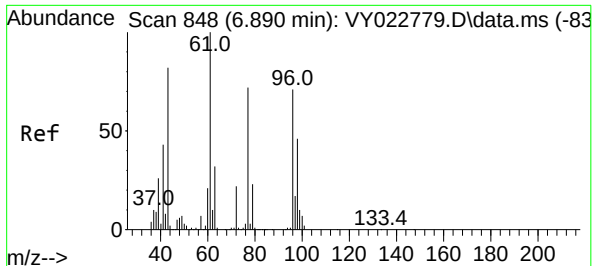
Tgt Ion: 43 Resp: 934821
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 20.996 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY022875.D
 Acq: 30 Jun 2025 12:32

Tgt Ion: 63 Resp: 200807
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.4 10.1
 100 4.3 2.1 6.3

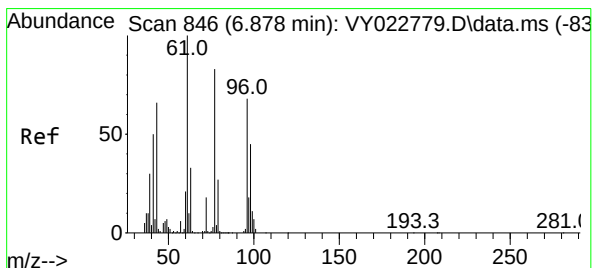
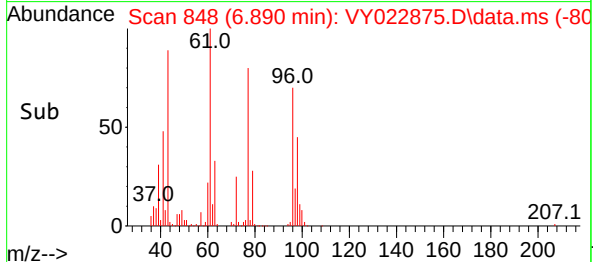
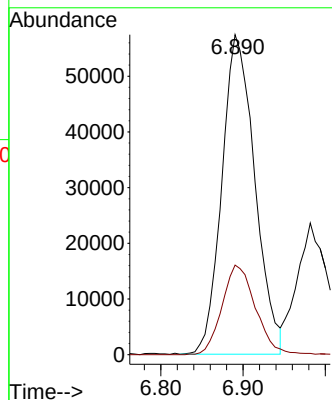
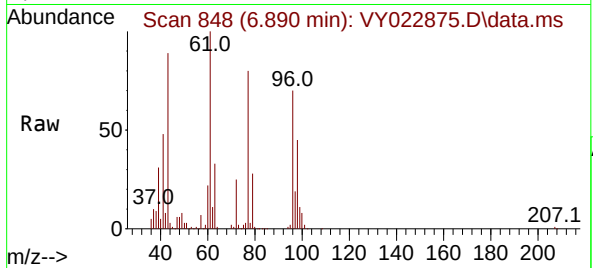




#25
2-Butanone
Concen: 113.936 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

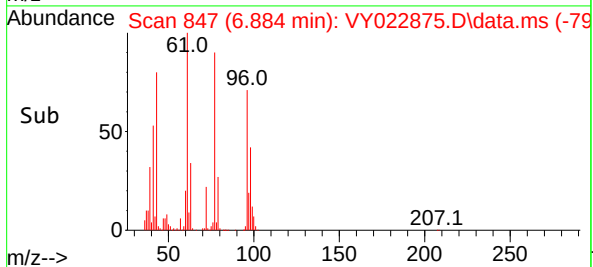
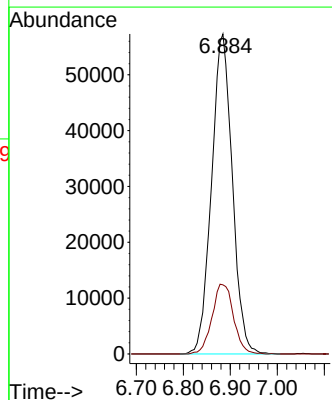
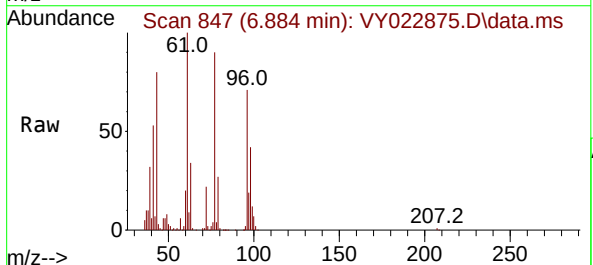
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

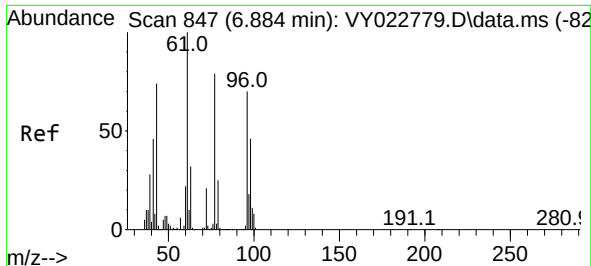
Tgt Ion: 43 Resp: 160198
Ion Ratio Lower Upper
43 100
72 28.0 22.9 34.3



#26
2,2-Dichloropropane
Concen: 21.914 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 77 Resp: 175690
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.2

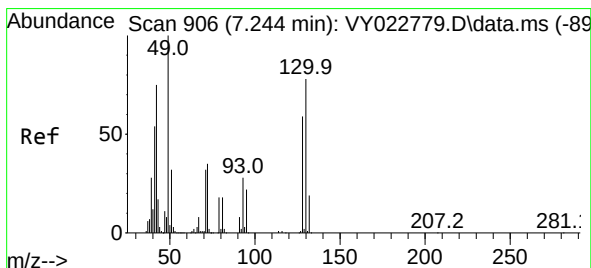
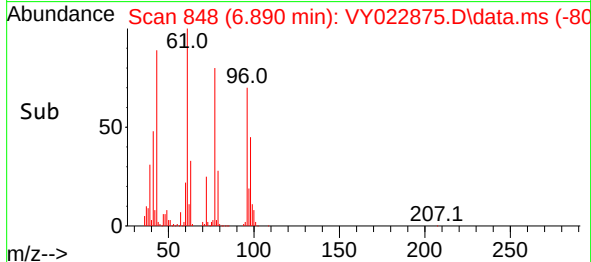
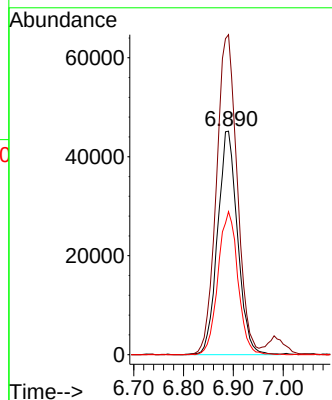
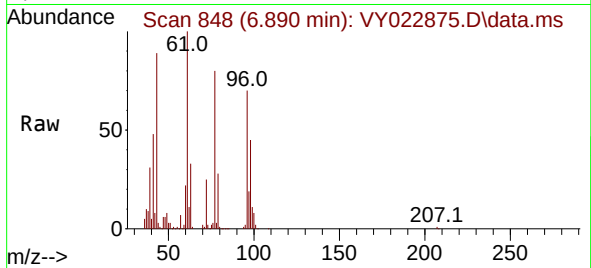




#27
 cis-1,2-Dichloroethene
 Concen: 20.363 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY022875.D
 Acq: 30 Jun 2025 12:32

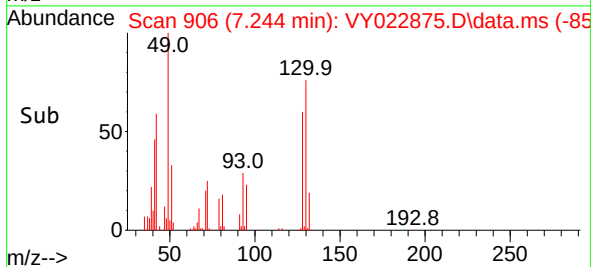
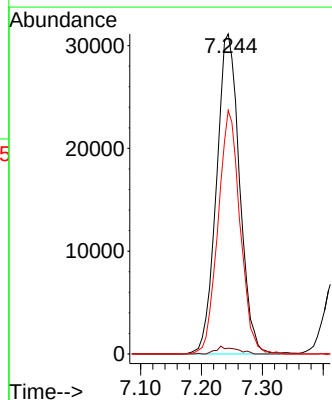
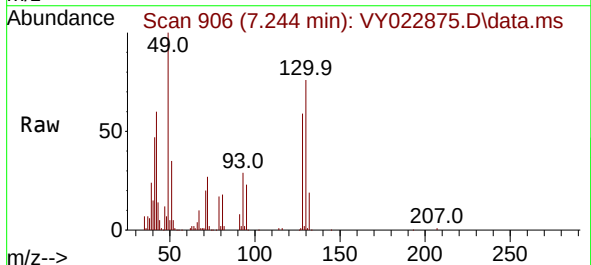
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

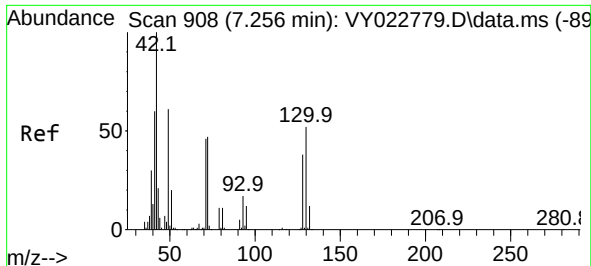
Tgt Ion: 96 Resp: 125355
 Ion Ratio Lower Upper
 96 100
 61 149.2 0.0 290.0
 98 63.9 0.0 128.4



#28
 Bromochloromethane
 Concen: 20.390 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY022875.D
 Acq: 30 Jun 2025 12:32

Tgt Ion: 49 Resp: 81987
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.6
 130 72.7 55.7 83.5





#29

Tetrahydrofuran

Concen: 98.140 ug/l

RT: 7.262 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

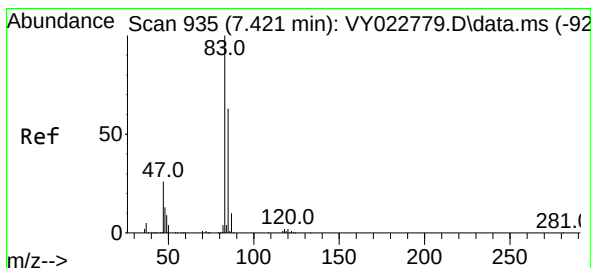
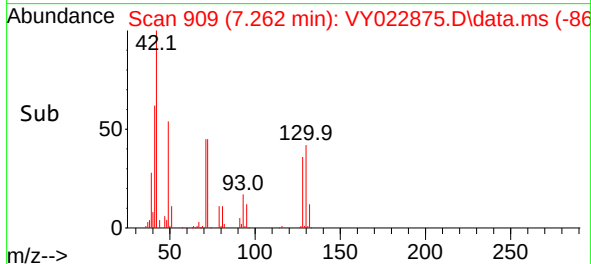
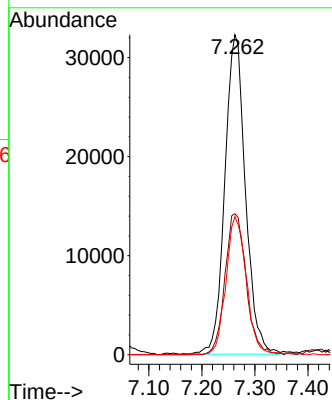
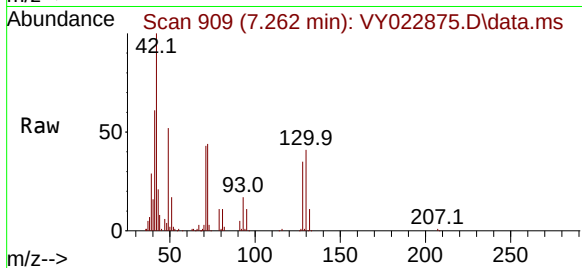
Tgt Ion: 42 Resp: 87132

Ion Ratio Lower Upper

42 100

72 45.3 37.4 56.2

71 42.9 34.2 51.2



#30

Chloroform

Concen: 20.764 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022875.D

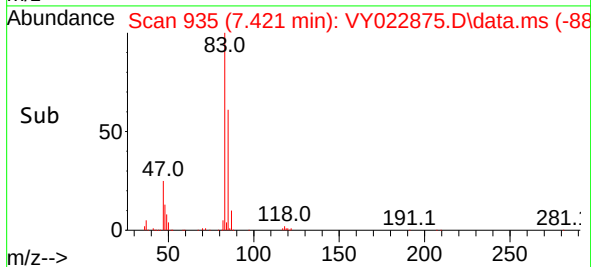
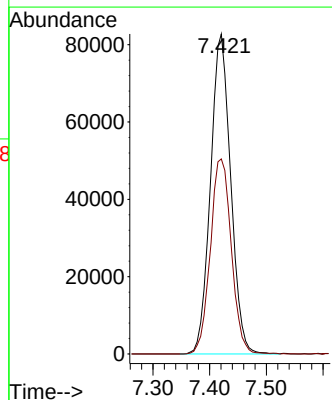
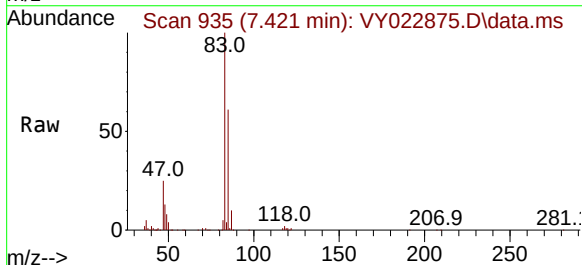
Acq: 30 Jun 2025 12:32

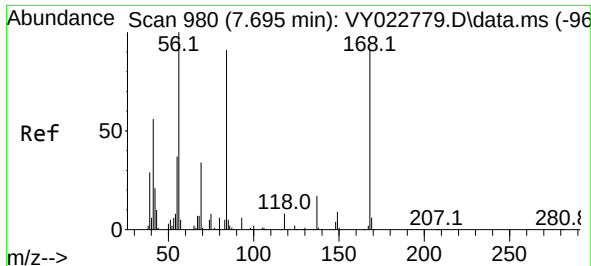
Tgt Ion: 83 Resp: 204540

Ion Ratio Lower Upper

83 100

85 60.9 54.2 81.4

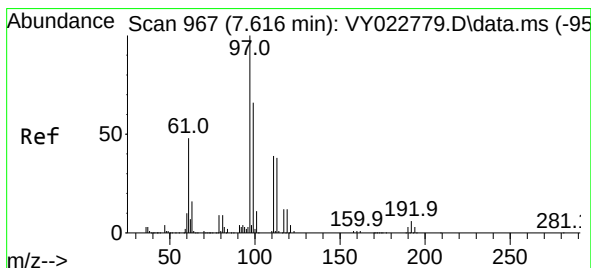
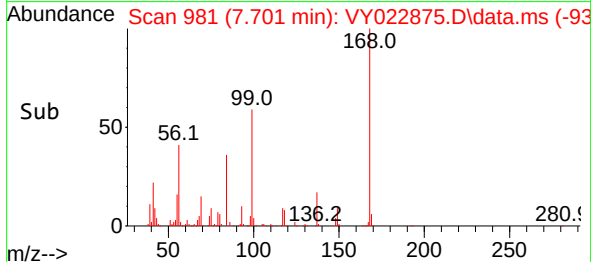
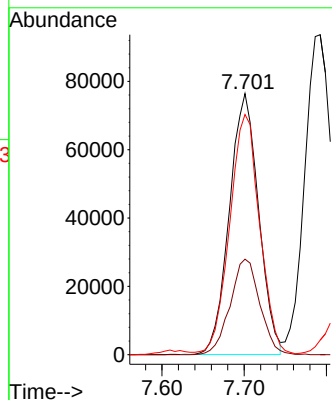
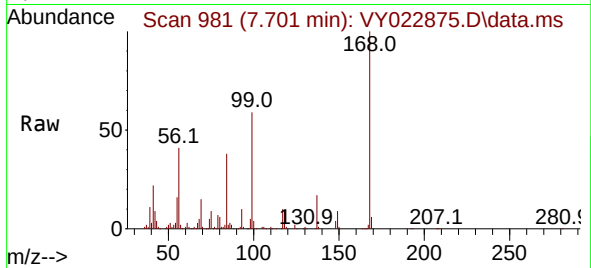




#31
Cyclohexane
Concen: 21.528 ug/l
RT: 7.701 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

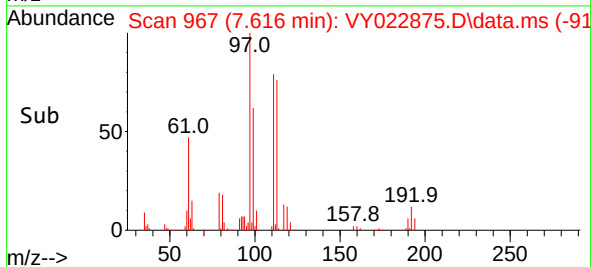
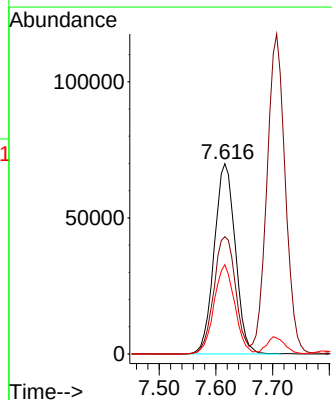
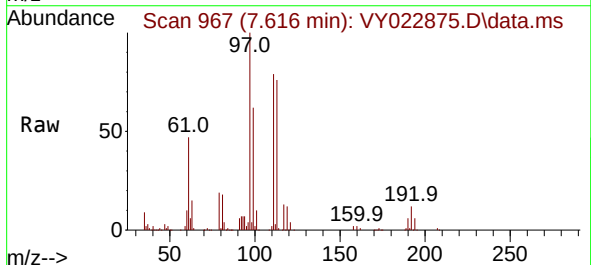
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

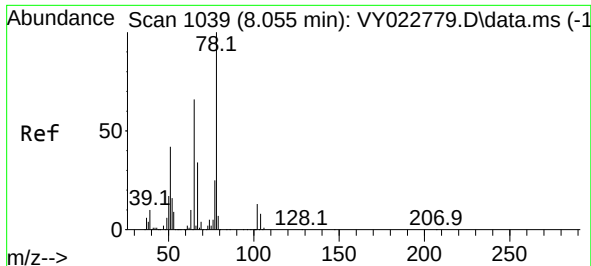
Tgt Ion: 56 Resp: 188997
Ion Ratio Lower Upper
56 100
69 36.6 27.0 40.6
84 90.4 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 21.196 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 97 Resp: 180433
Ion Ratio Lower Upper
97 100
99 63.8 50.9 76.3
61 46.4 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 48.744 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

Instrument :

MSVOA_Y

ClientSampleId :

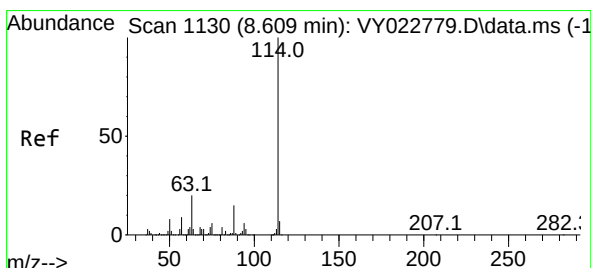
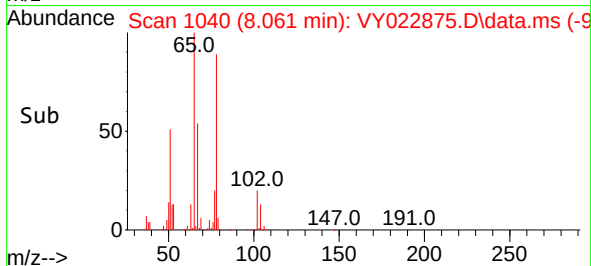
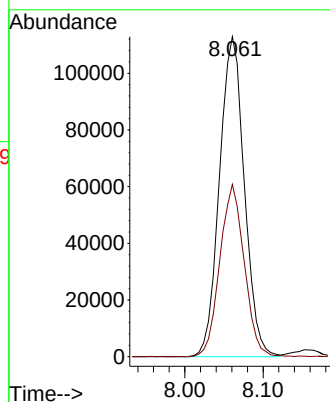
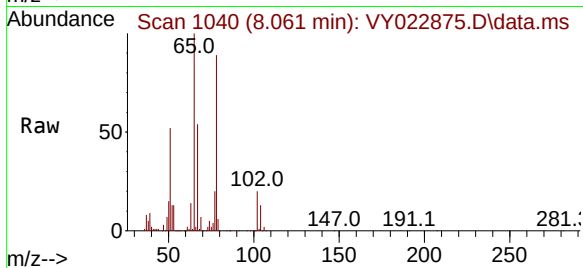
VY0630SBS01

Tgt Ion: 65 Resp: 249144

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

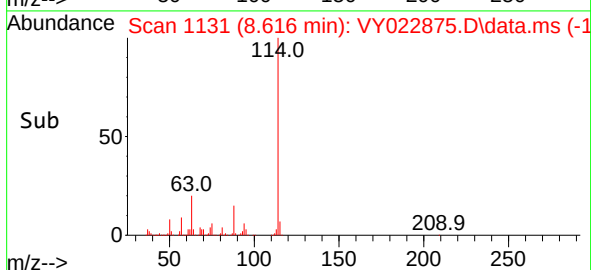
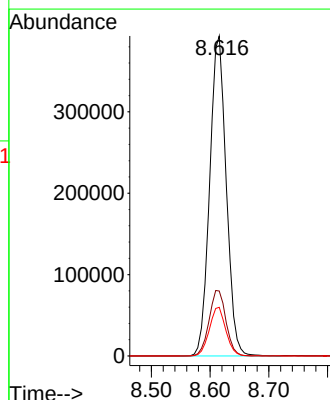
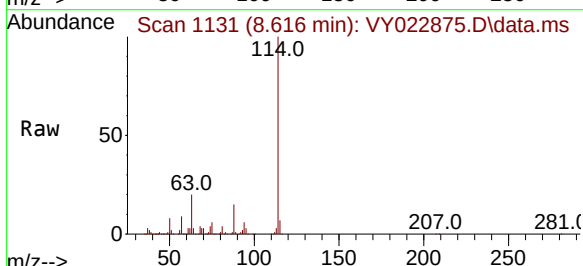
Tgt Ion:114 Resp: 769619

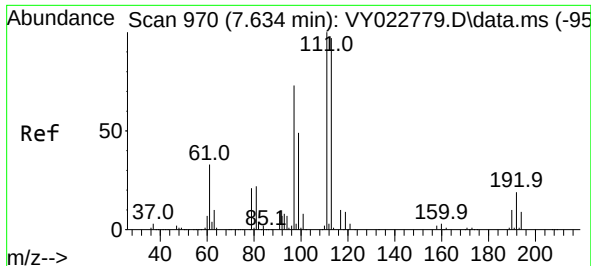
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 15.2 0.0 27.8

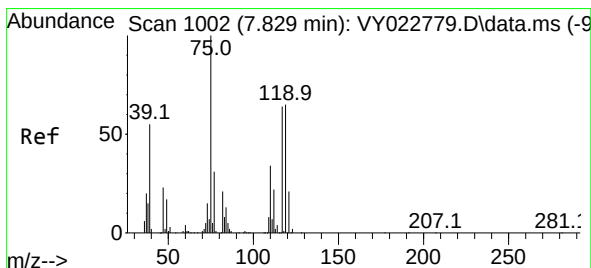
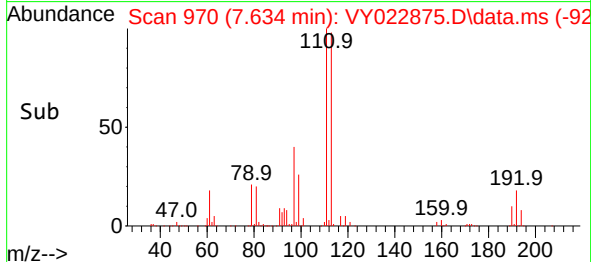
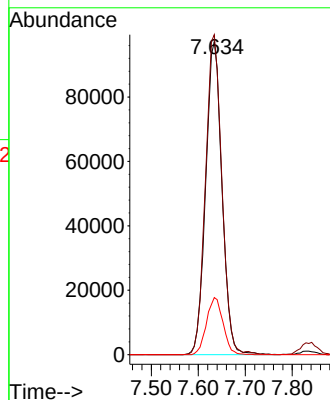
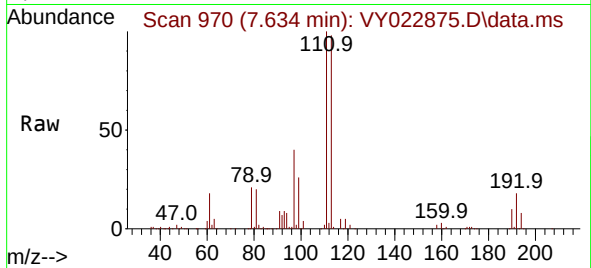




#35
Dibromofluoromethane
Concen: 49.887 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

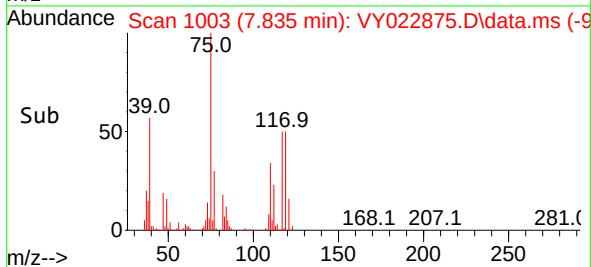
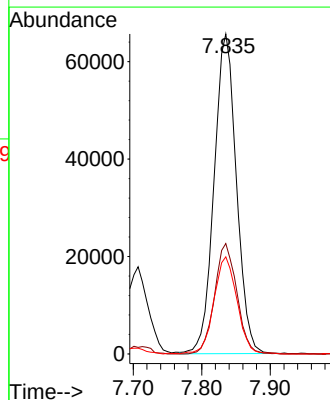
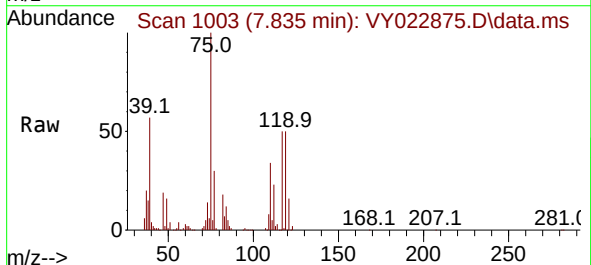
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

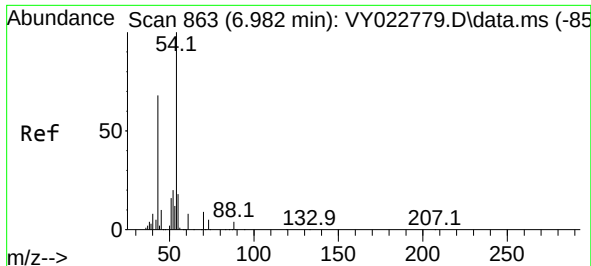
Tgt Ion:113 Resp: 233496
Ion Ratio Lower Upper
113 100
111 102.8 81.1 121.7
192 18.5 14.2 21.2



#36
1,1-Dichloropropene
Concen: 20.920 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 75 Resp: 148415
Ion Ratio Lower Upper
75 100
110 34.5 16.9 50.7
77 31.5 24.8 37.2





#37

Ethyl Acetate

Concen: 20.868 ug/l

RT: 6.982 min Scan# 863

Delta R.T. -0.012 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

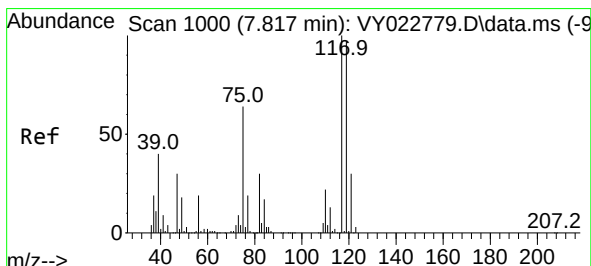
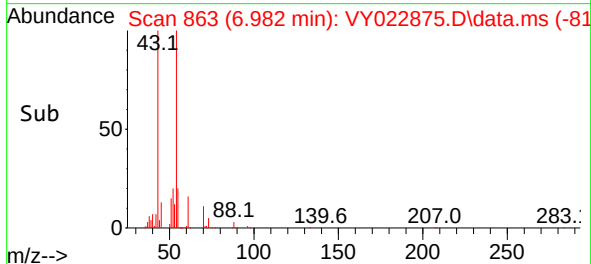
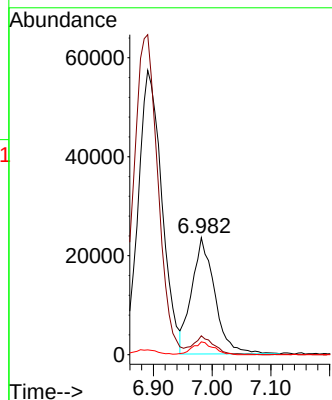
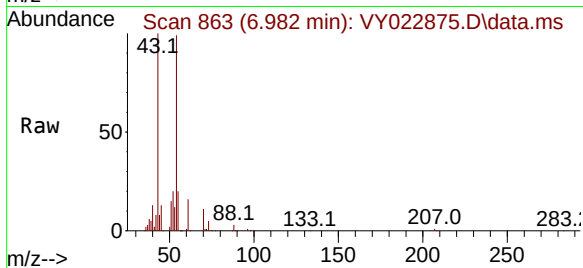
Tgt Ion: 43 Resp: 63884

Ion Ratio Lower Upper

43 100

61 14.7 11.5 17.3

70 10.1 7.2 10.8



#38

Carbon Tetrachloride

Concen: 20.831 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

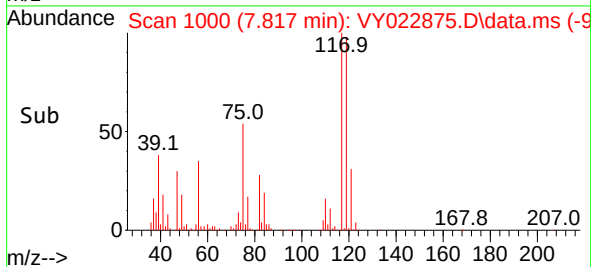
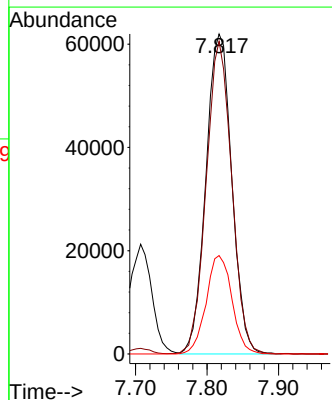
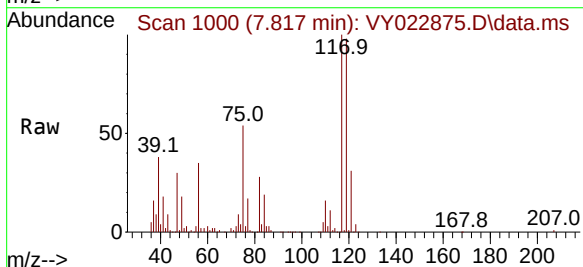
Tgt Ion: 117 Resp: 155932

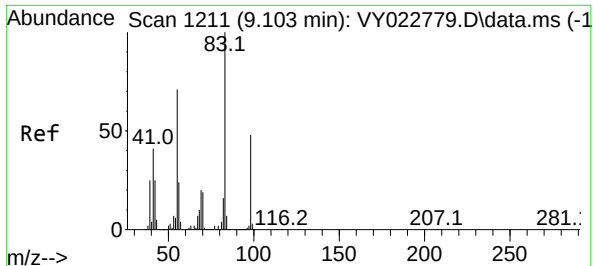
Ion Ratio Lower Upper

117 100

119 97.5 75.0 112.6

121 30.7 25.0 37.4





#39

Methylcyclohexane

Concen: 21.295 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

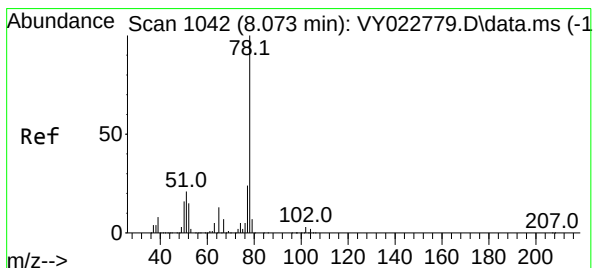
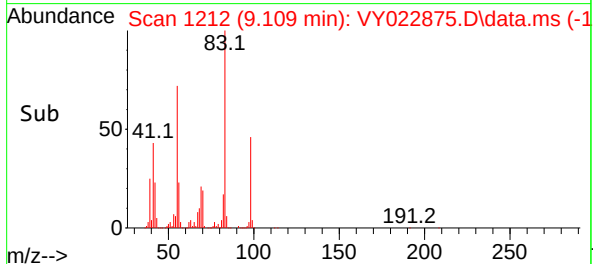
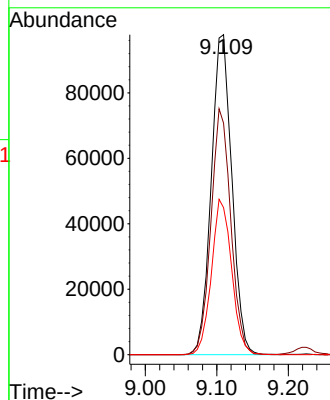
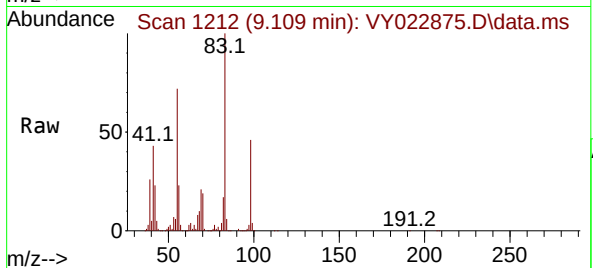
Tgt Ion: 83 Resp: 195510

Ion Ratio Lower Upper

83 100

55 72.3 58.1 87.1

98 46.0 39.0 58.6



#40

Benzene

Concen: 20.845 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022875.D

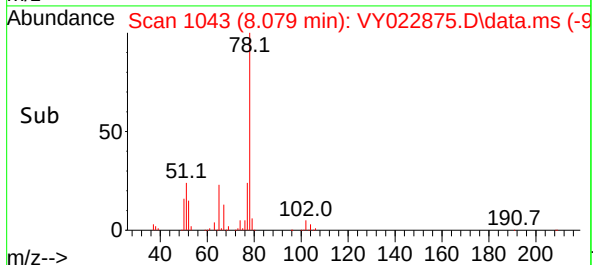
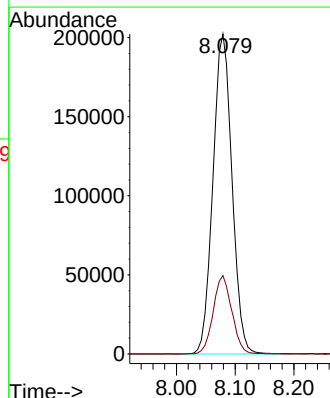
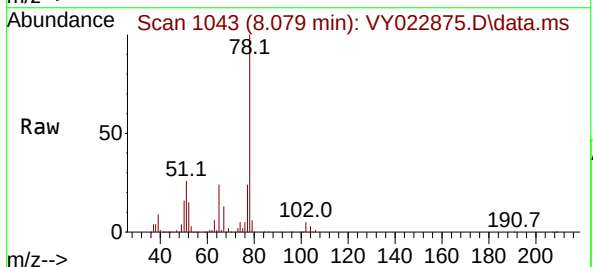
Acq: 30 Jun 2025 12:32

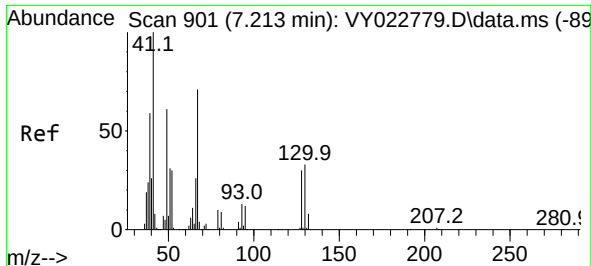
Tgt Ion: 78 Resp: 454672

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9

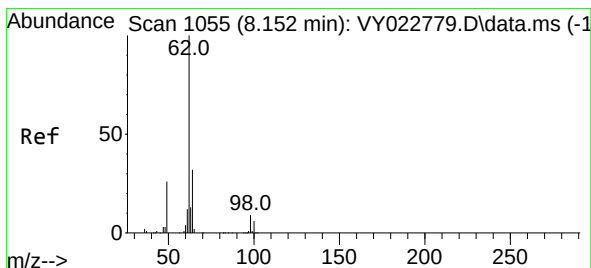
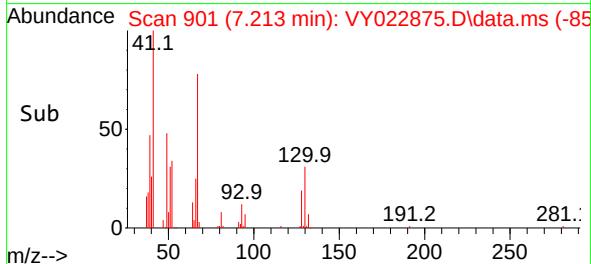
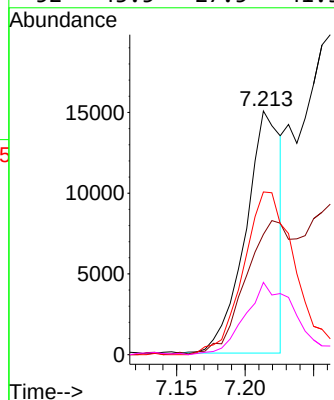
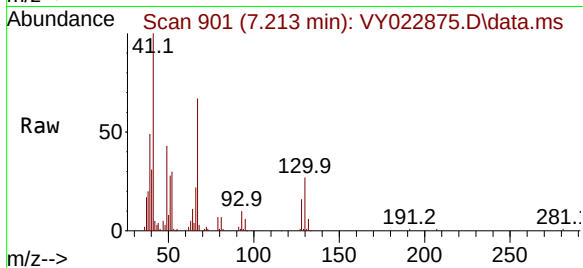




#41
Methacrylonitrile
Concen: 14.227 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.018 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

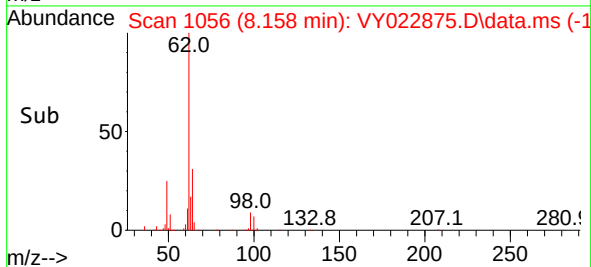
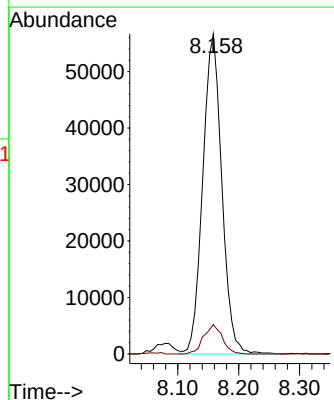
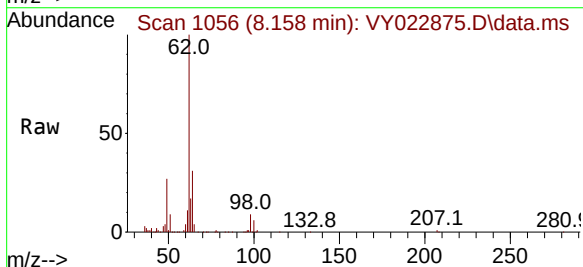
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

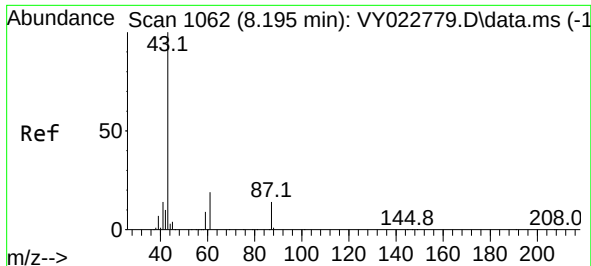
Tgt Ion: 41	Resp: 26813
Ion Ratio	Lower Upper
41 100	
39 77.6	46.6 69.8#
67 101.2	63.3 94.9#
52 43.5	27.5 41.3#



#42
1,2-Dichloroethane
Concen: 20.615 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 62	Resp: 123220
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 19.2

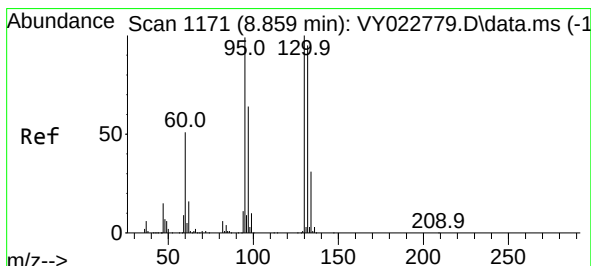
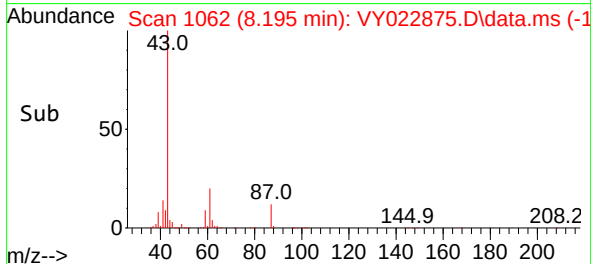
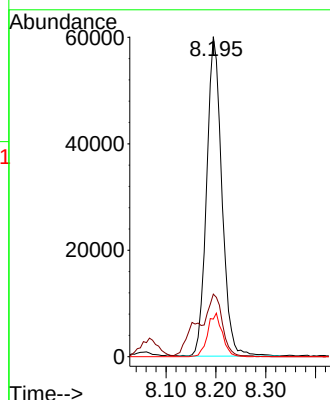
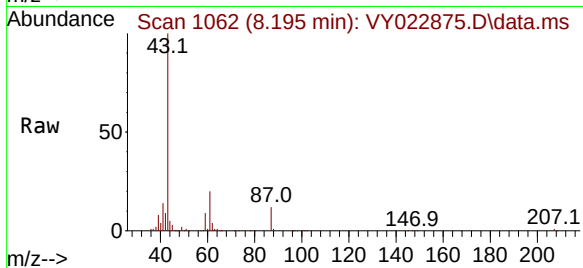




#43
Isopropyl Acetate
Concen: 19.991 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

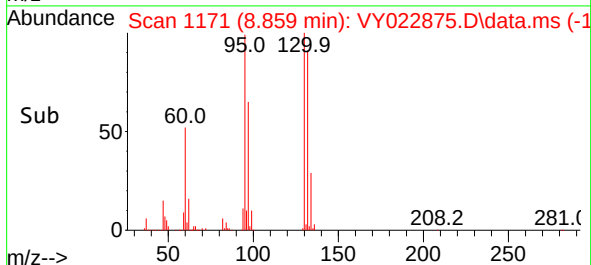
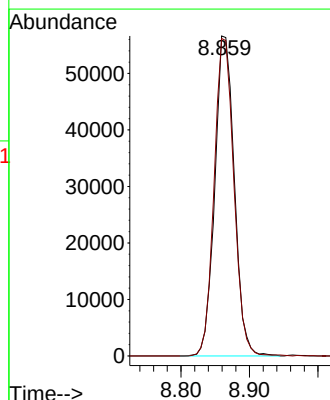
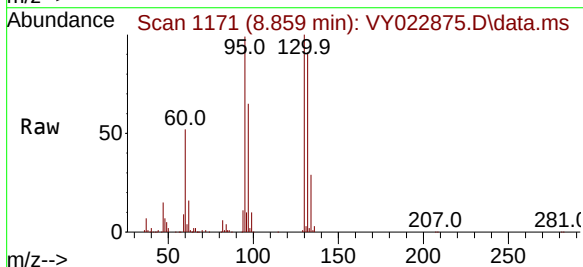
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBSD01

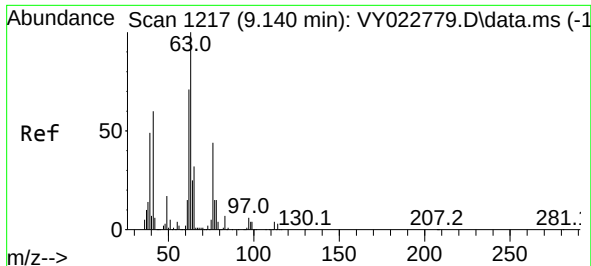
Tgt Ion: 43 Resp: 127199
Ion Ratio Lower Upper
43 100
61 20.4 15.6 23.4
87 13.1 10.2 15.4



#44
Trichloroethene
Concen: 20.438 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion:130 Resp: 111927
Ion Ratio Lower Upper
130 100
95 99.2 0.0 203.0





#45

1,2-Dichloropropane

Concen: 20.690 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

Instrument :

MSVOA_Y

ClientSampleId :

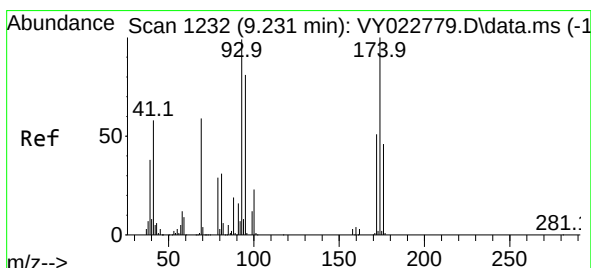
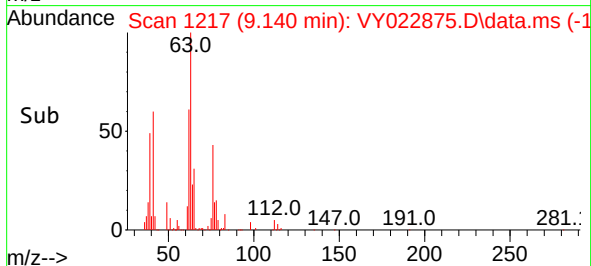
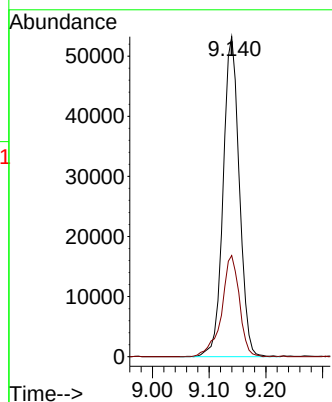
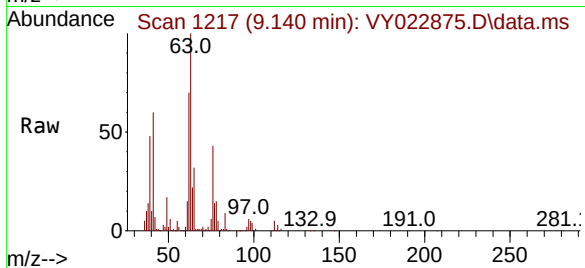
VY0630SBS01

Tgt Ion: 63 Resp: 105621

Ion Ratio Lower Upper

63 100

65 31.6 24.0 36.0



#46

Dibromomethane

Concen: 19.902 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

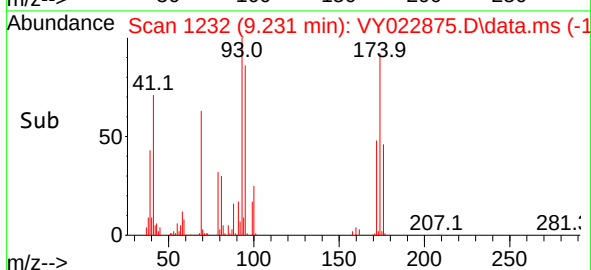
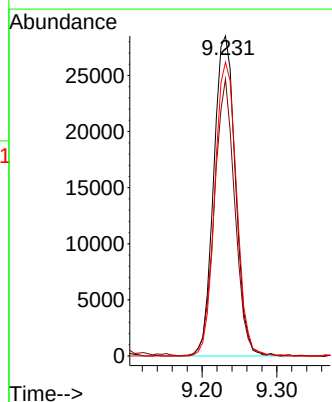
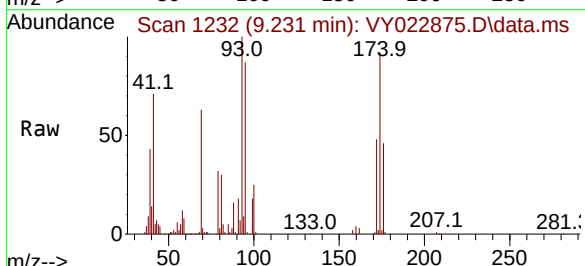
Tgt Ion: 93 Resp: 57674

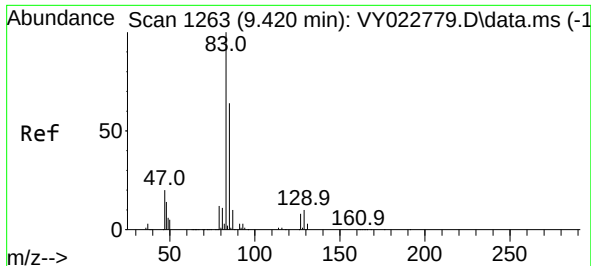
Ion Ratio Lower Upper

93 100

95 81.8 65.6 98.4

174 91.5 70.4 105.6





#47

Bromodichloromethane

Concen: 20.572 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

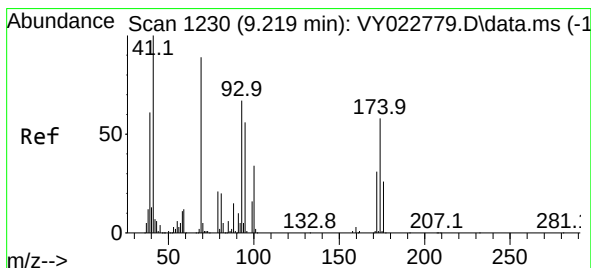
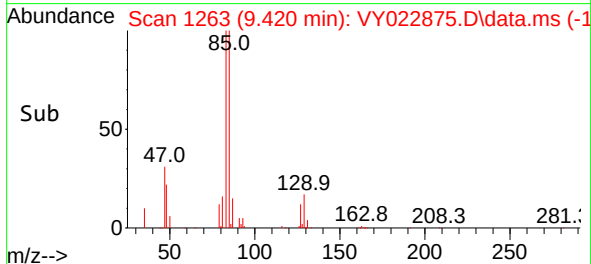
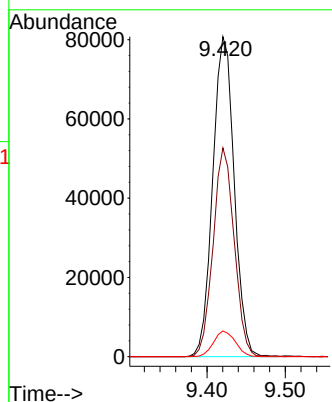
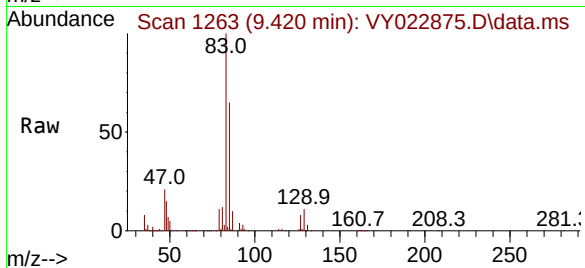
Tgt Ion: 83 Resp: 153733

Ion Ratio Lower Upper

83 100

85 65.2 49.1 73.7

127 8.1 6.2 9.4



#48

Methyl methacrylate

Concen: 19.517 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

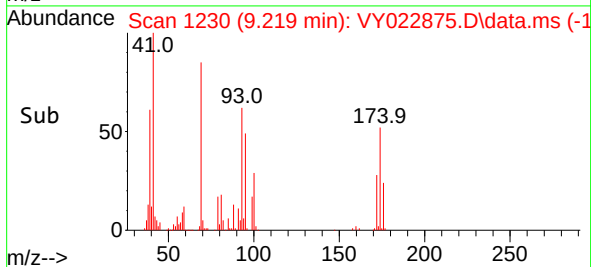
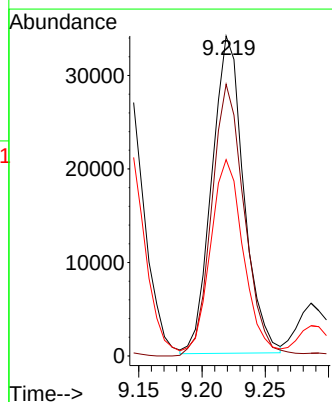
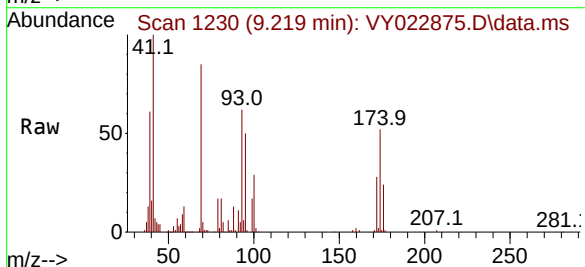
Tgt Ion: 41 Resp: 59699

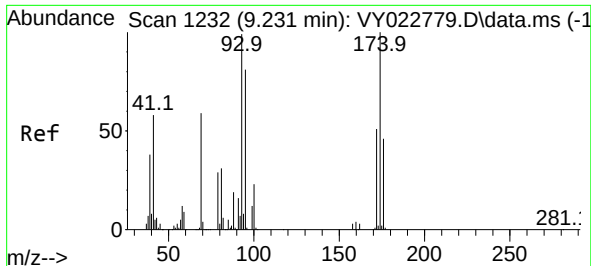
Ion Ratio Lower Upper

41 100

69 87.5 67.8 101.8

39 60.7 55.0 82.4





#49

1,4-Dioxane

Concen: 358.371 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

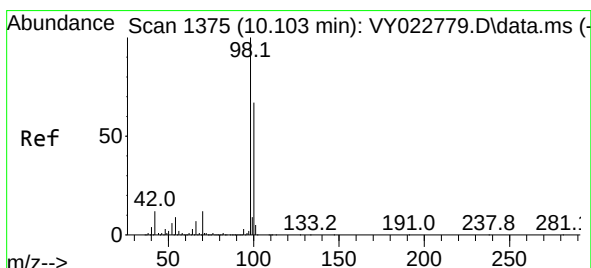
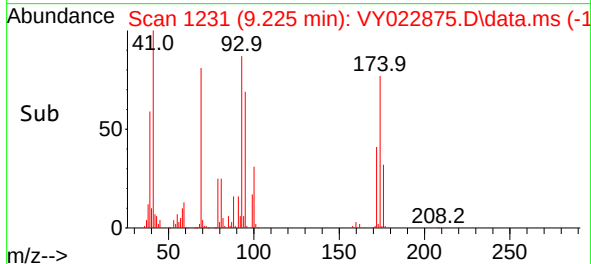
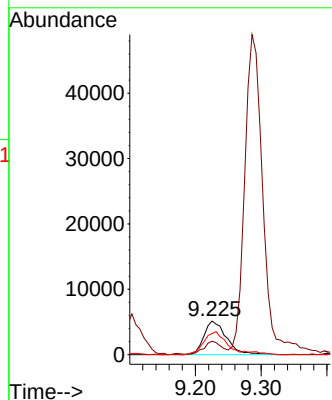
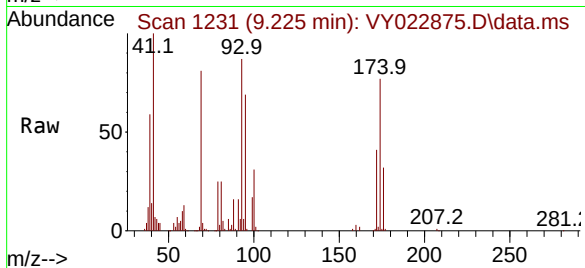
Tgt Ion: 88 Resp: 12270

Ion Ratio Lower Upper

88 100

43 30.6 25.4 38.2

58 74.1 54.9 82.3



#50

Toluene-d8

Concen: 49.896 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022875.D

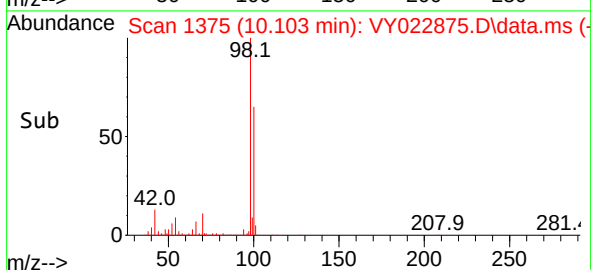
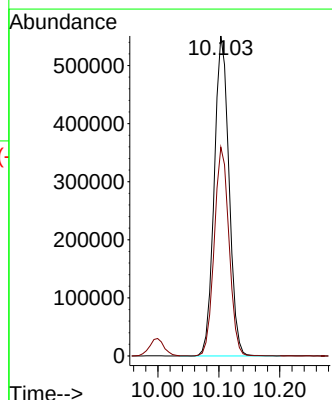
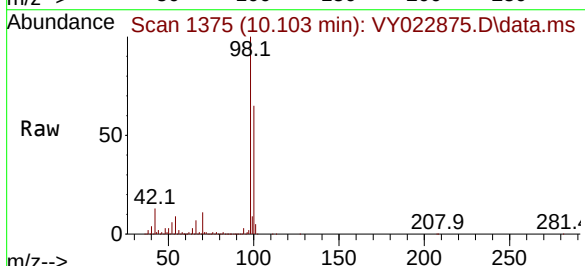
Acq: 30 Jun 2025 12:32

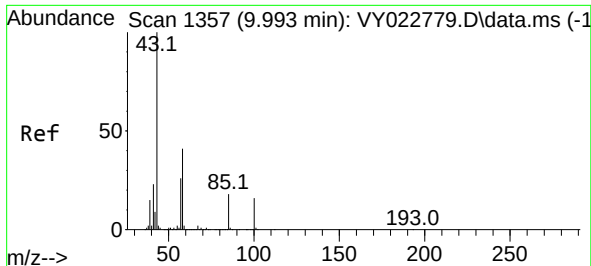
Tgt Ion: 98 Resp: 926701

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.0

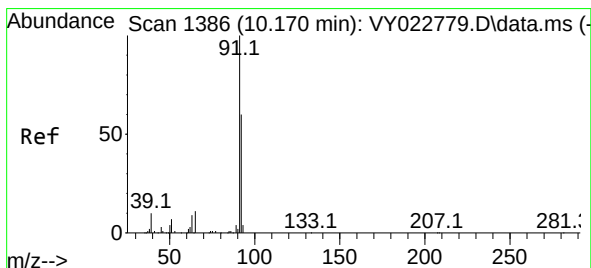
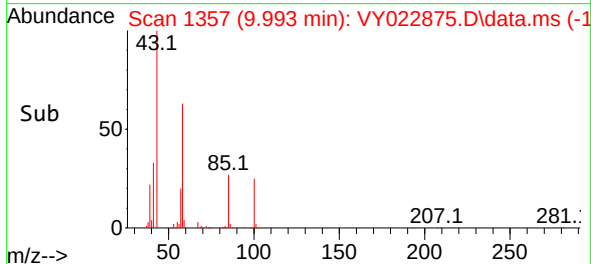
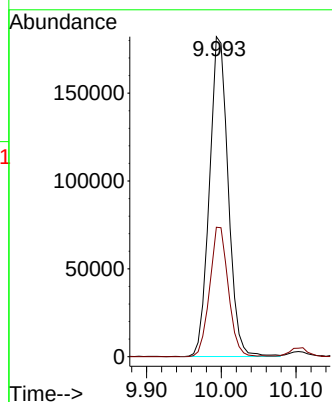
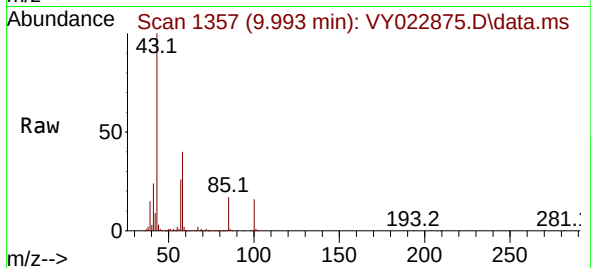




#51
4-Methyl-2-Pentanone
Concen: 98.134 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

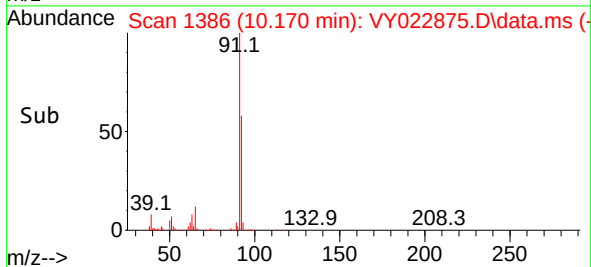
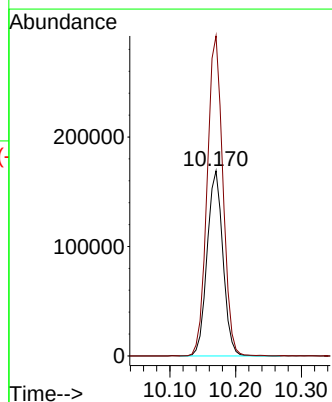
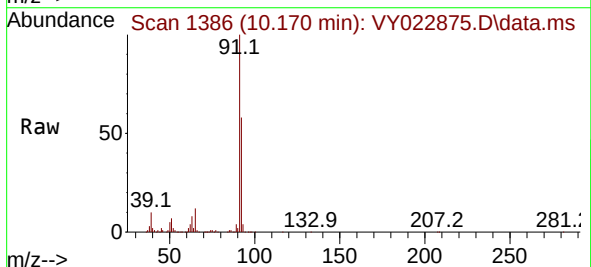
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

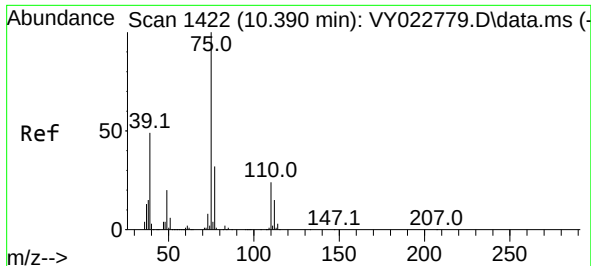
Tgt Ion: 43 Resp: 317300
Ion Ratio Lower Upper
43 100
58 40.3 30.4 45.6



#52
Toluene
Concen: 20.508 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 92 Resp: 282203
Ion Ratio Lower Upper
92 100
91 172.7 139.0 208.4

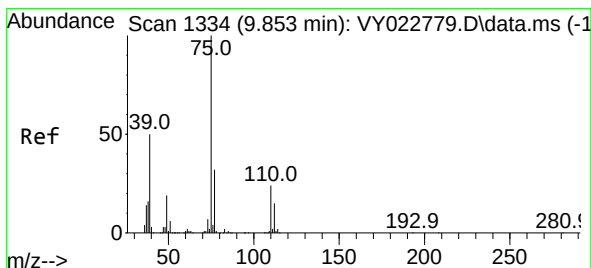
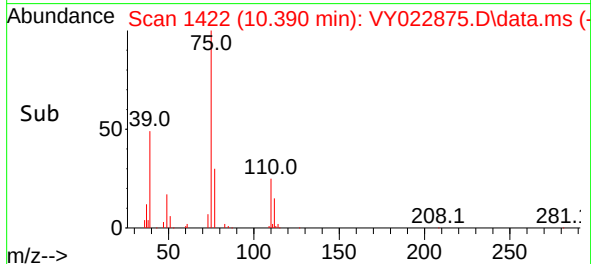
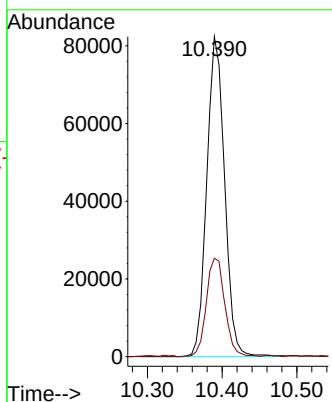
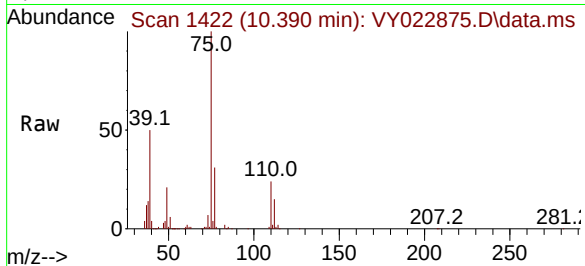




#53
 t-1,3-Dichloropropene
 Concen: 20.306 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY022875.D
 Acq: 30 Jun 2025 12:32

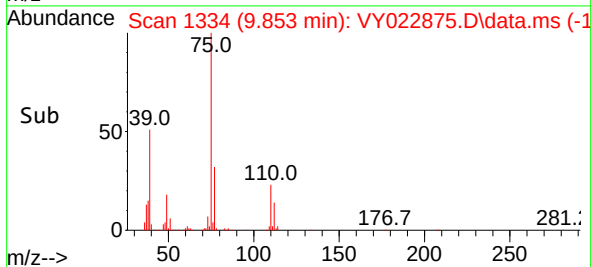
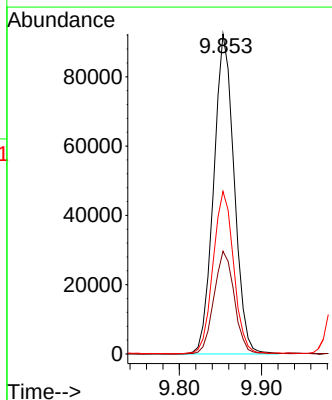
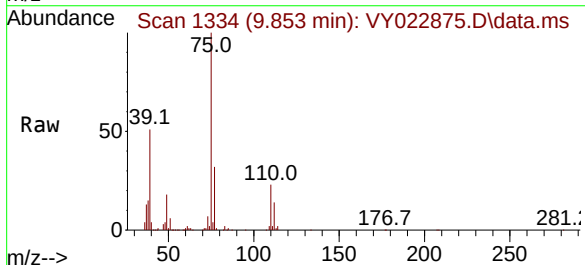
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

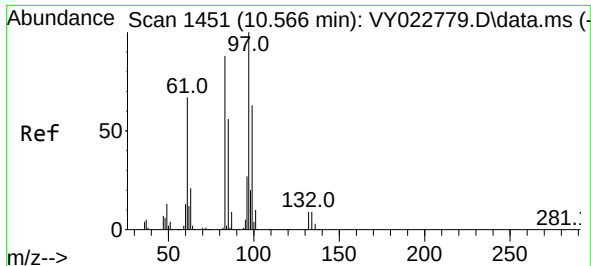
Tgt Ion: 75 Resp: 136528
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.510 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY022875.D
 Acq: 30 Jun 2025 12:32

Tgt Ion: 75 Resp: 159892
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.3 37.9
 39 50.7 42.7 64.1

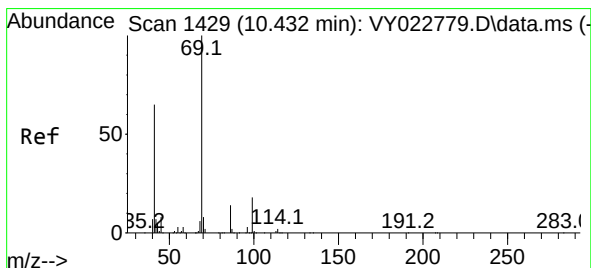
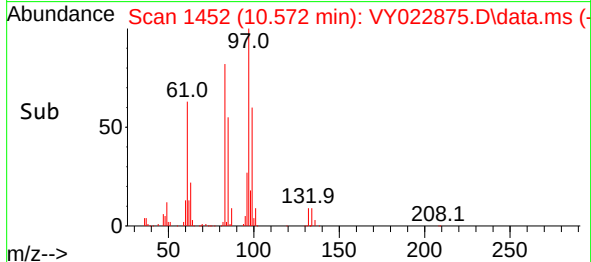
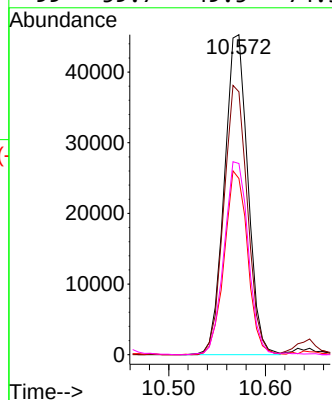
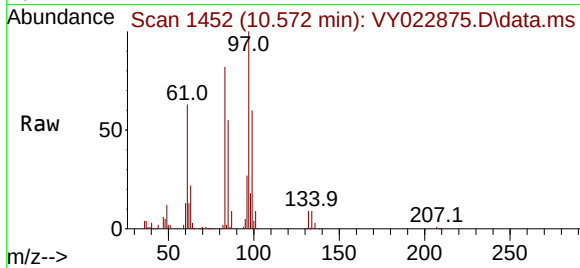




#55
1,1,2-Trichloroethane
Concen: 20.390 ug/l
RT: 10.572 min Scan# 1451
Delta R.T. -0.000 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

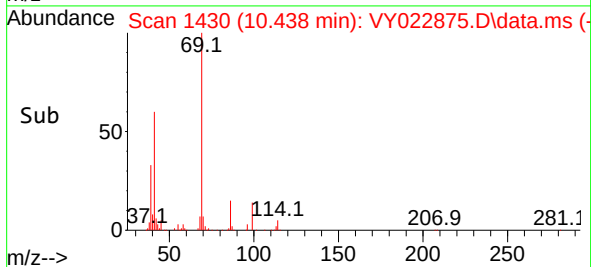
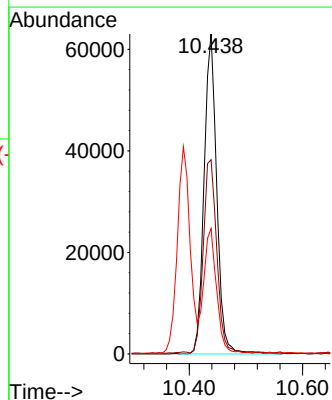
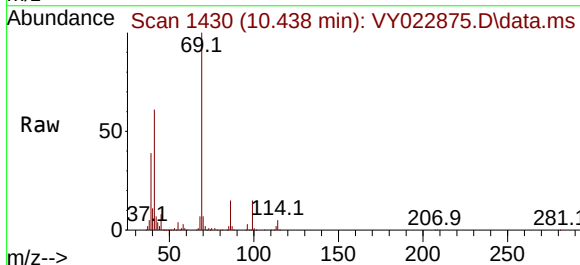
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

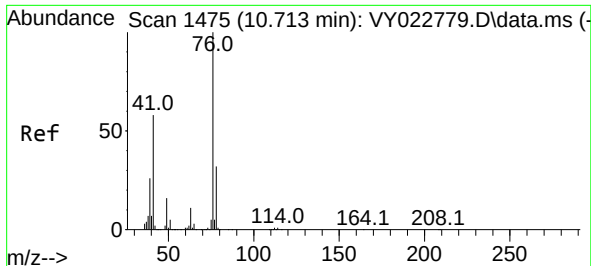
Tgt Ion: 97	Resp: 76514
Ion Ratio	Lower Upper
97 100	
83 82.1	68.1 102.1
85 55.0	48.2 72.2
99 59.7	49.5 74.3



#56
Ethyl methacrylate
Concen: 19.353 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 69	Resp: 97705
Ion Ratio	Lower Upper
69 100	
41 64.2	52.2 78.2
39 39.4	36.7 55.1

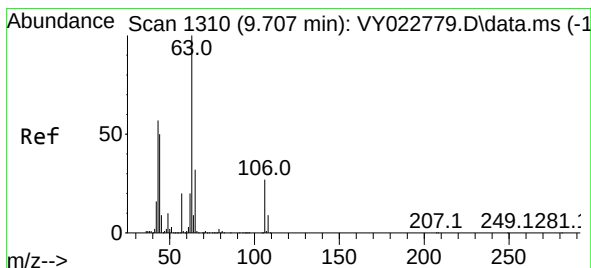
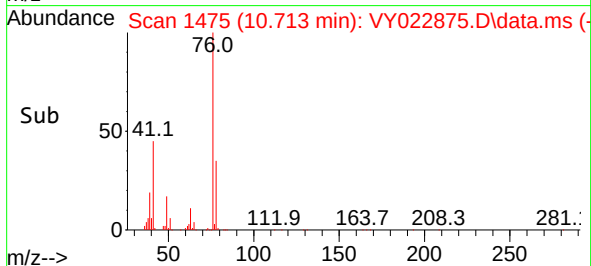
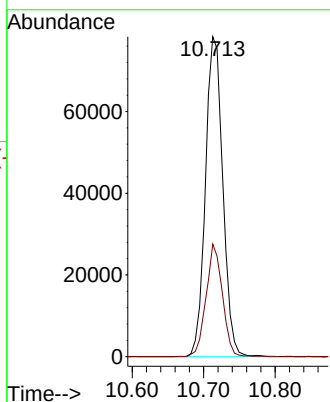
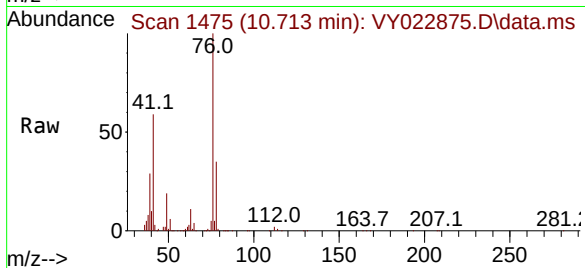




#57
1,3-Dichloropropane
Concen: 20.162 ug/l
RT: 10.713 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

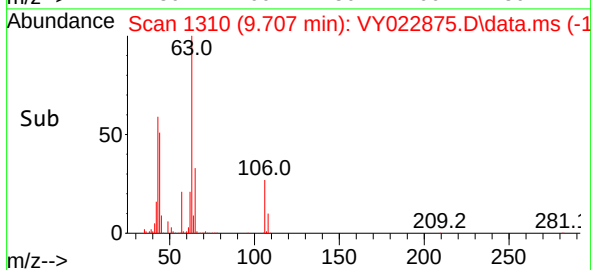
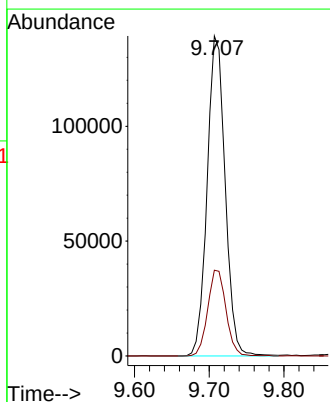
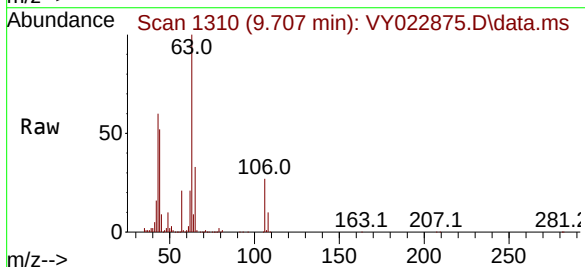
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBSD01

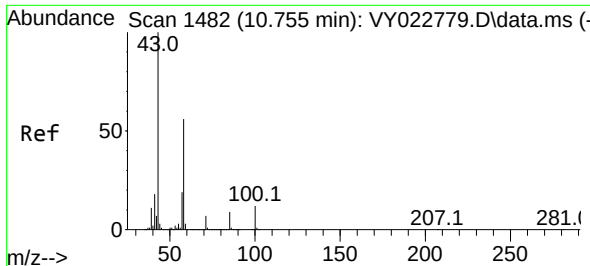
Tgt Ion: 76 Resp: 132001
Ion Ratio Lower Upper
76 100
78 33.2 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 97.996 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 63 Resp: 233088
Ion Ratio Lower Upper
63 100
106 27.2 21.6 32.4

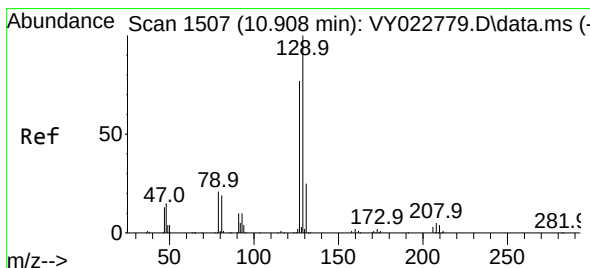
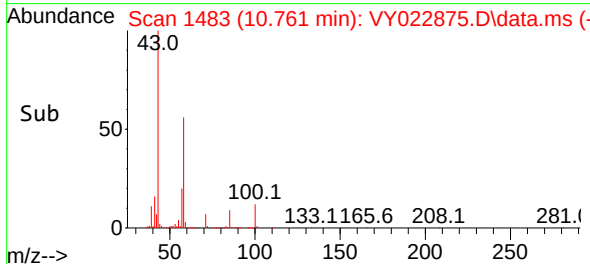
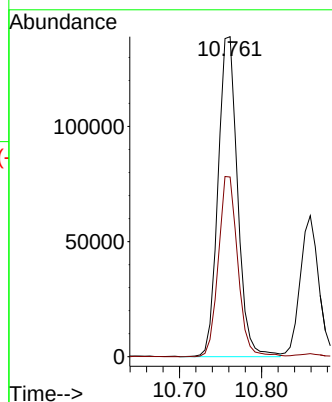
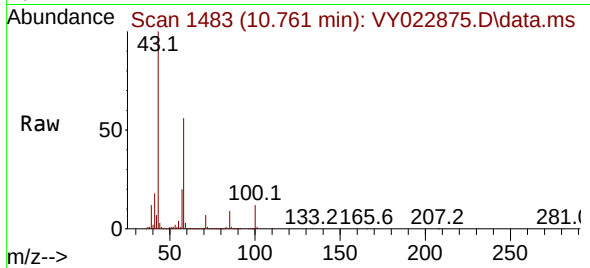




#59
2-Hexanone
Concen: 104.301 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

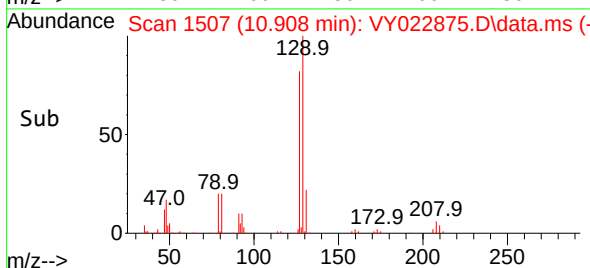
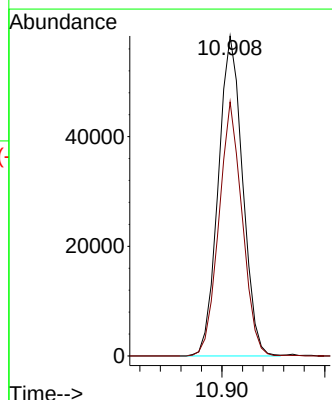
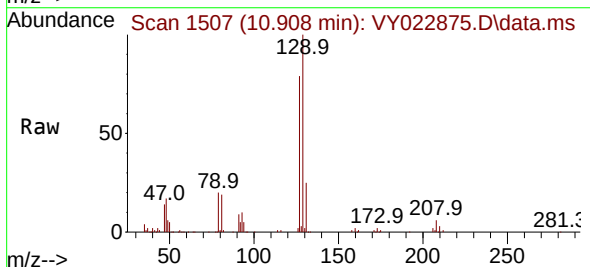
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBSD01

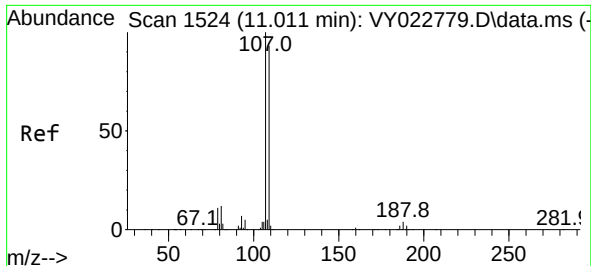
Tgt Ion: 43 Resp: 229283
Ion Ratio Lower Upper
43 100
58 56.0 27.3 81.8



#60
Dibromochloromethane
Concen: 19.773 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 129 Resp: 95842
Ion Ratio Lower Upper
129 100
127 75.9 39.1 117.2

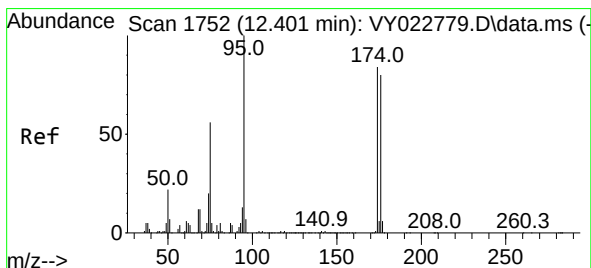
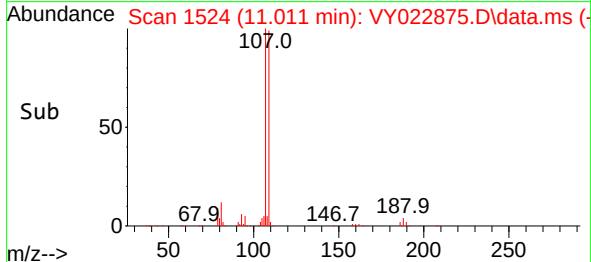
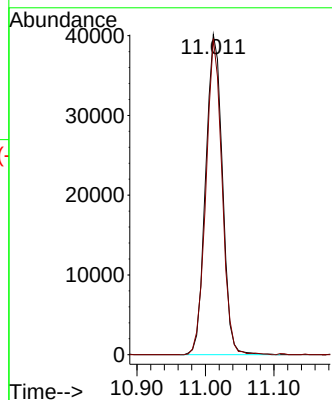
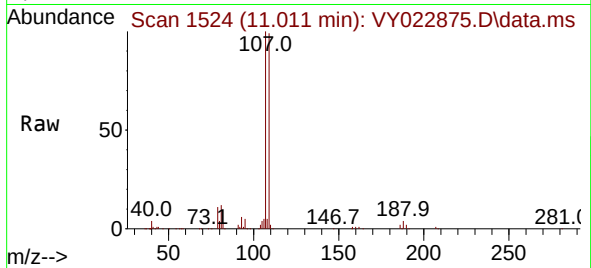




#61
1,2-Dibromoethane
Concen: 19.414 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

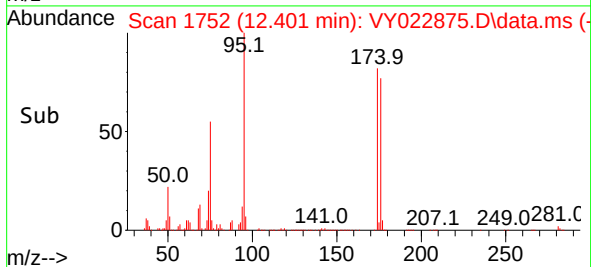
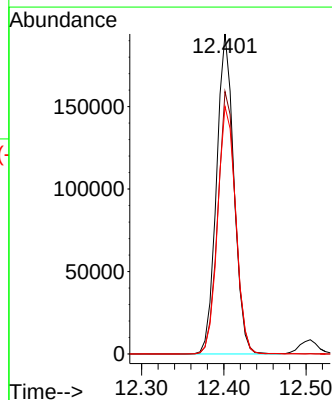
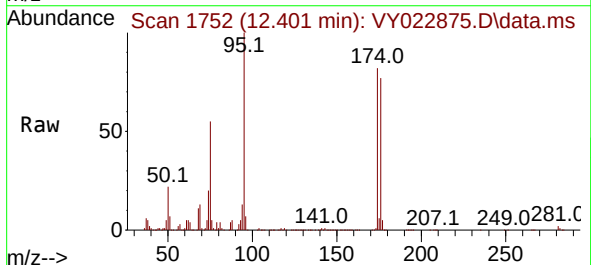
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBSD01

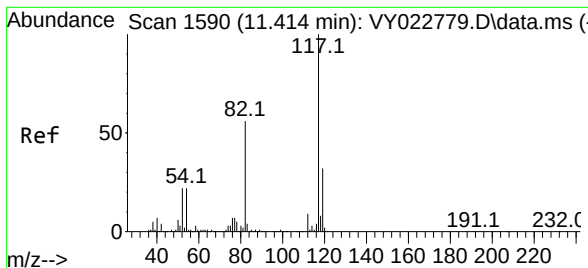
Tgt Ion:107 Resp: 68173
Ion Ratio Lower Upper
107 100
109 94.8 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 47.924 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 95 Resp: 286131
Ion Ratio Lower Upper
95 100
174 82.8 0.0 170.0
176 80.2 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBSD01

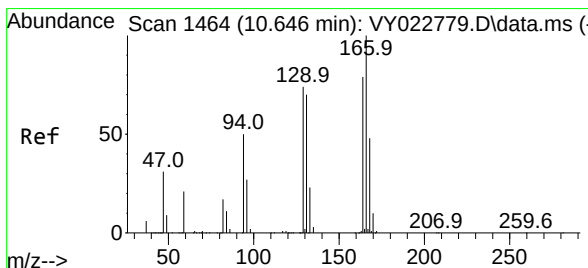
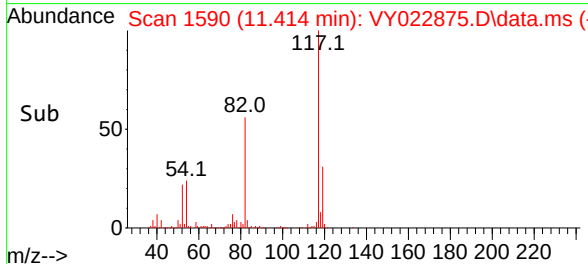
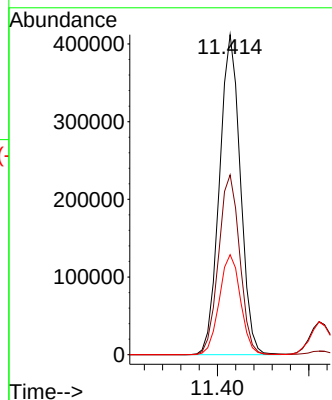
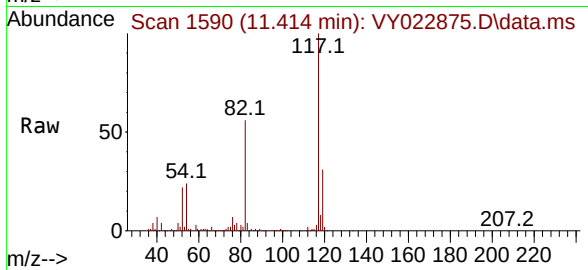
Tgt Ion:117 Resp: 654092

Ion Ratio Lower Upper

117 100

82 56.2 44.6 66.8

119 31.3 25.4 38.0



#64

Tetrachloroethene

Concen: 19.128 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

Tgt Ion:164 Resp: 118197

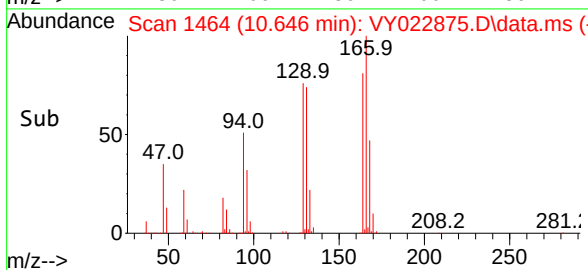
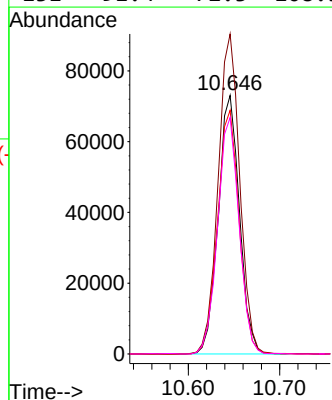
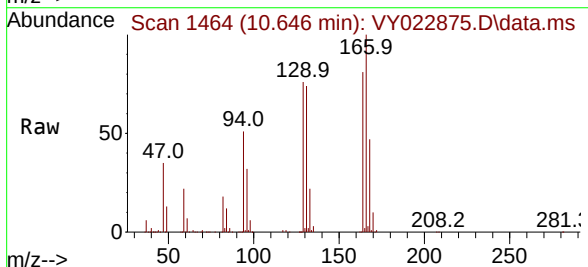
Ion Ratio Lower Upper

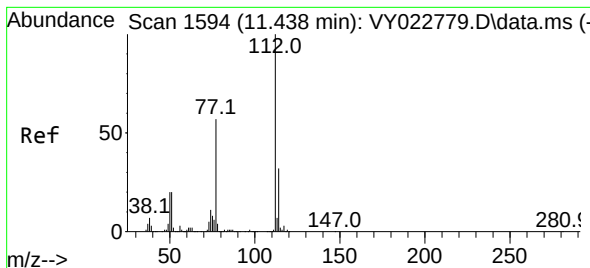
164 100

166 123.7 104.0 156.0

129 94.2 74.5 111.7

131 91.4 72.3 108.5

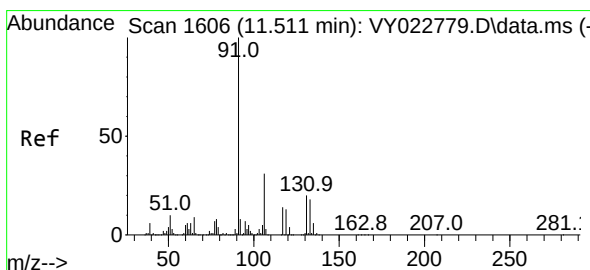
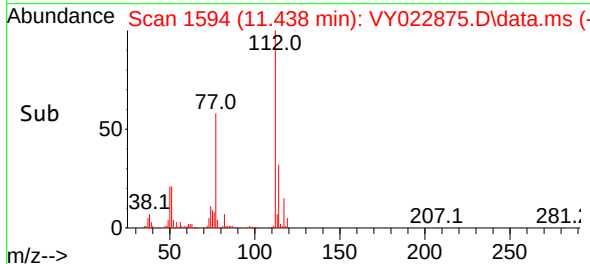
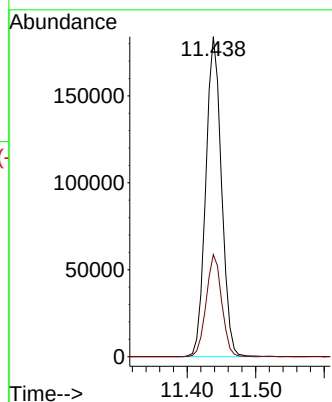
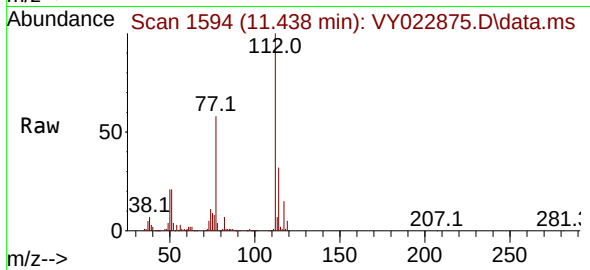




#65
Chlorobenzene
Concen: 20.450 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

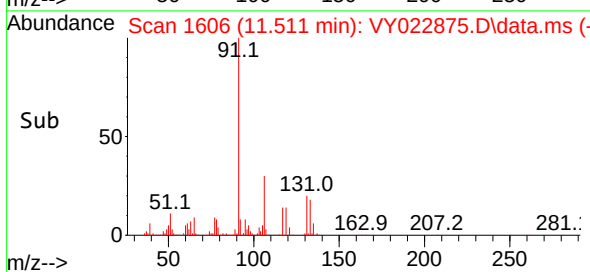
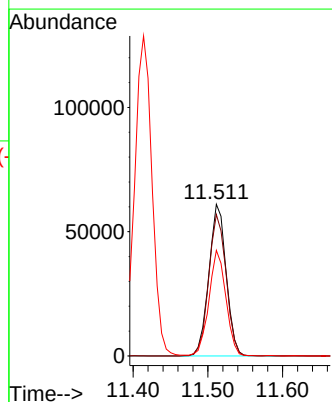
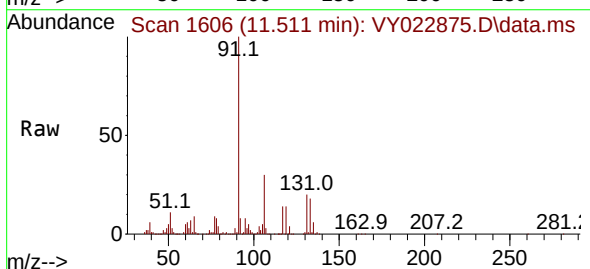
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBSD01

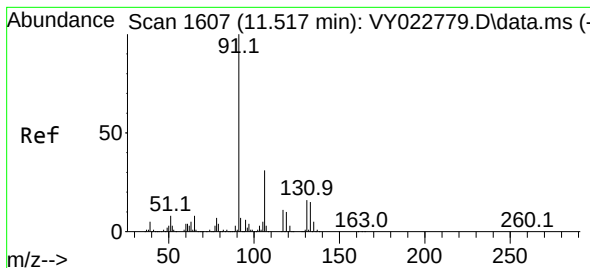
Tgt Ion:112 Resp: 293918
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.147 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion:131 Resp: 98077
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.8
119 68.3 33.1 99.3





#67

Ethyl Benzene

Concen: 20.631 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

Instrument :

MSVOA_Y

ClientSampleId :

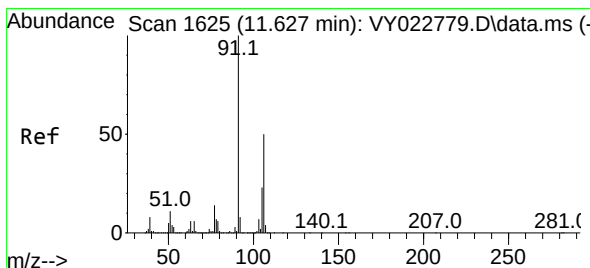
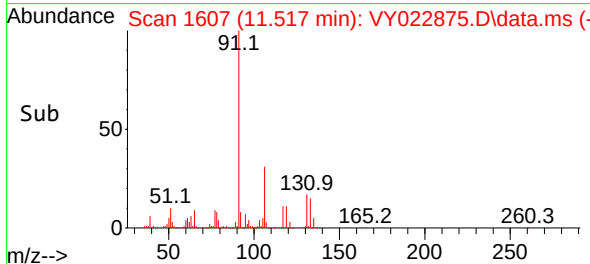
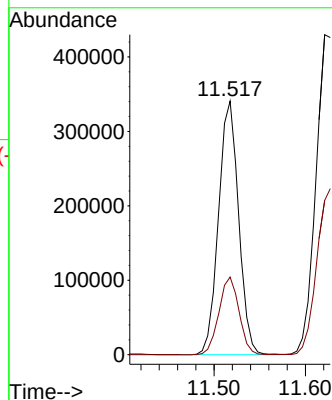
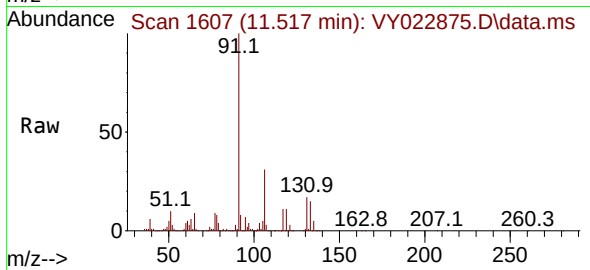
VY0630SBS01

Tgt Ion: 91 Resp: 520993

Ion Ratio Lower Upper

91 100

106 30.6 24.2 36.4



#68

m/p-Xylenes

Concen: 40.880 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022875.D

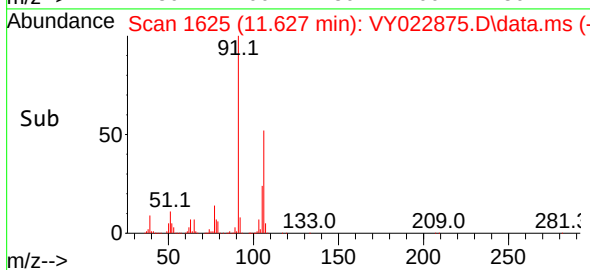
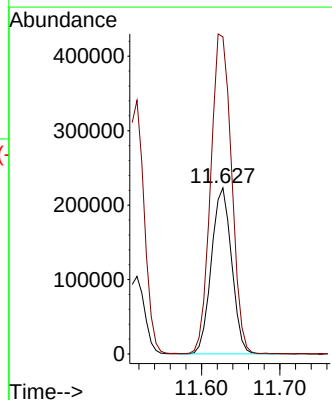
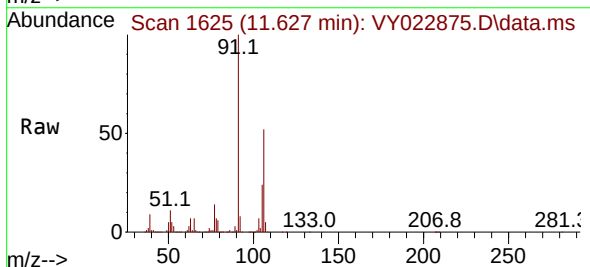
Acq: 30 Jun 2025 12:32

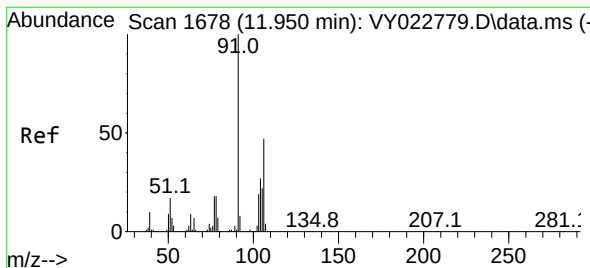
Tgt Ion: 106 Resp: 399051

Ion Ratio Lower Upper

106 100

91 199.6 159.4 239.0

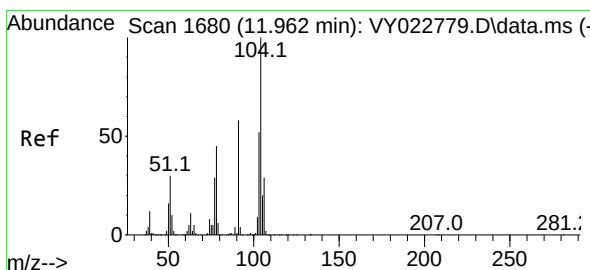
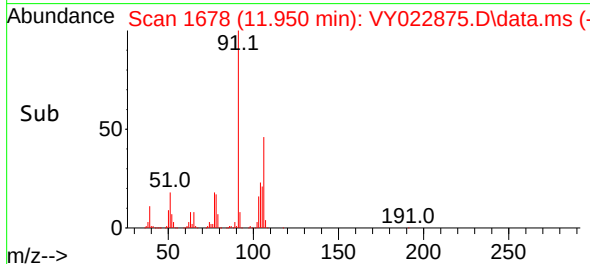
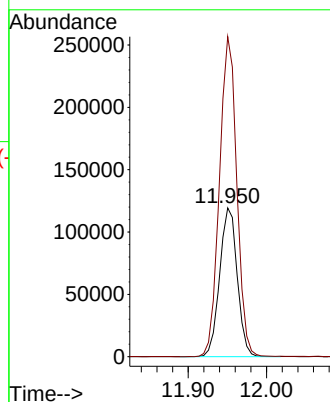
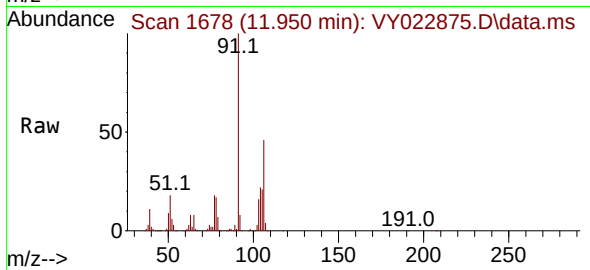




#69
o-Xylene
Concen: 20.252 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

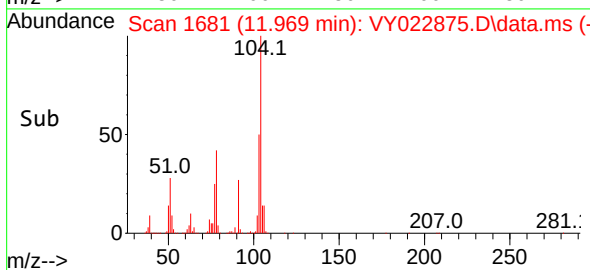
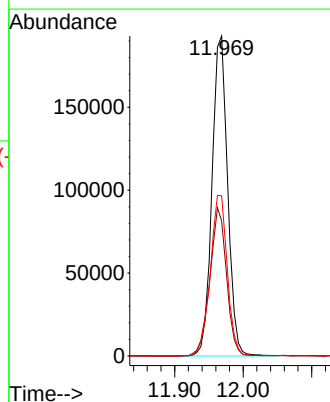
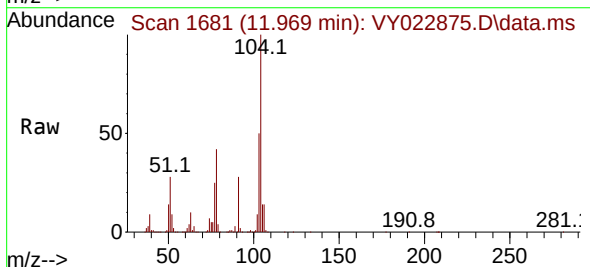
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBSD01

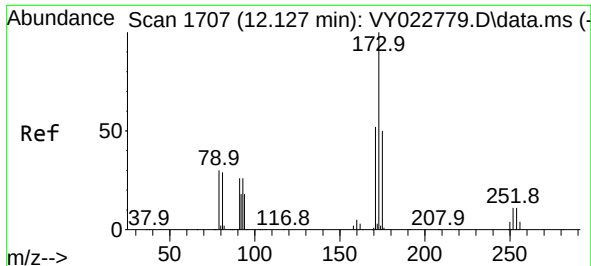
Tgt Ion:106 Resp: 186280
Ion Ratio Lower Upper
106 100
91 212.7 105.8 317.3



#70
Styrene
Concen: 19.874 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion:104 Resp: 306192
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 54.8 44.1 66.1

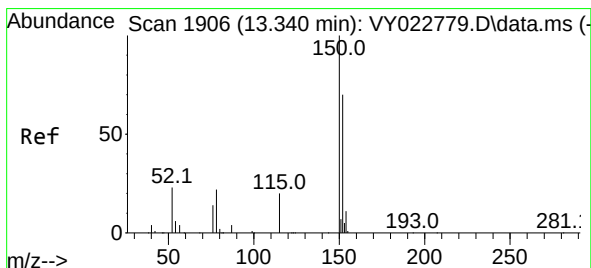
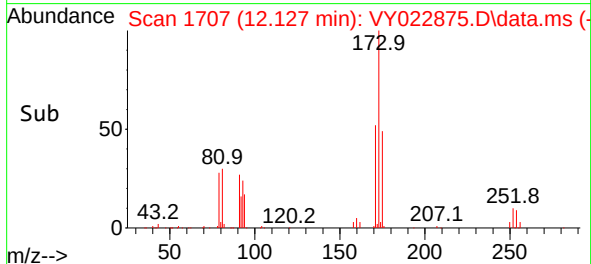
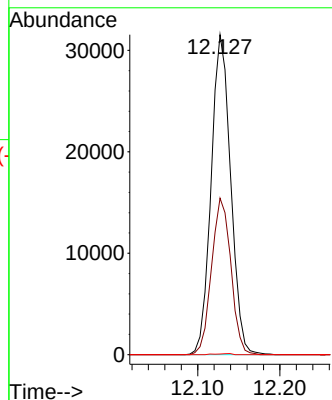
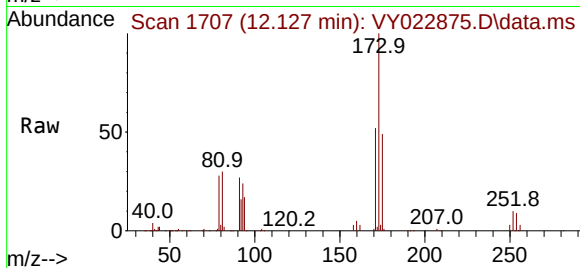




#71
Bromoform
Concen: 19.224 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

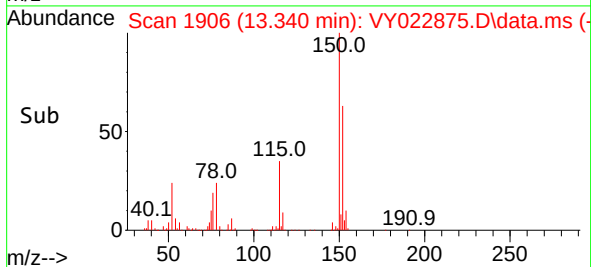
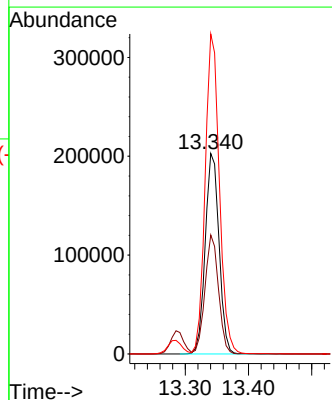
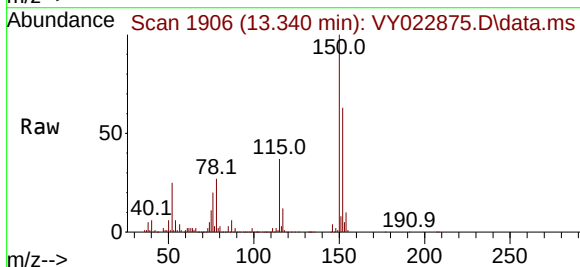
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBSD01

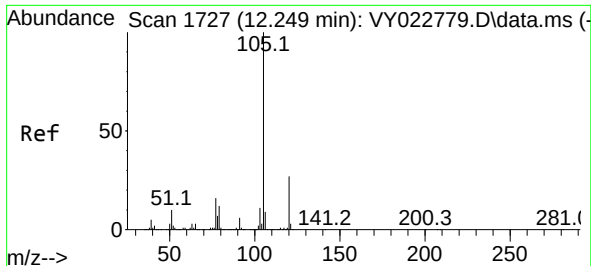
Tgt Ion:173 Resp: 52108
Ion Ratio Lower Upper
173 100
175 48.4 23.8 71.5
254 0.3 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion:152 Resp: 308766
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.7
150 163.7 0.0 349.6

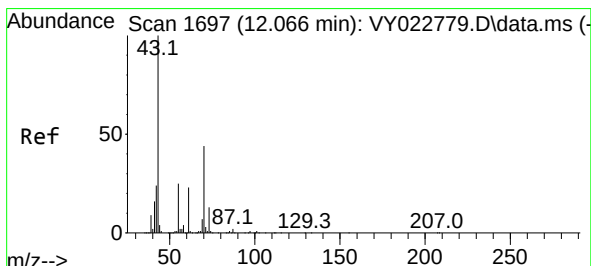
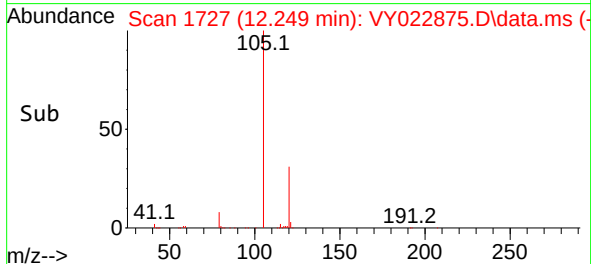
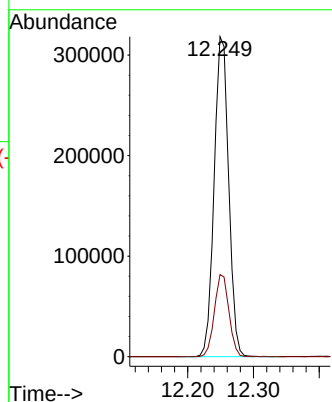
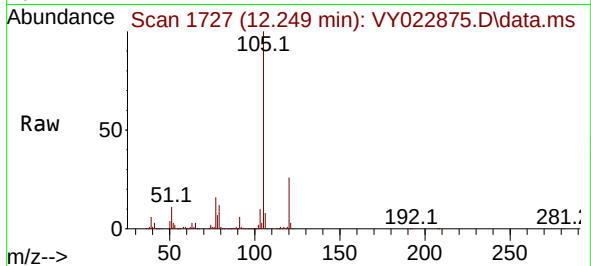




#73
Isopropylbenzene
Concen: 21.383 ug/l
RT: 12.249 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

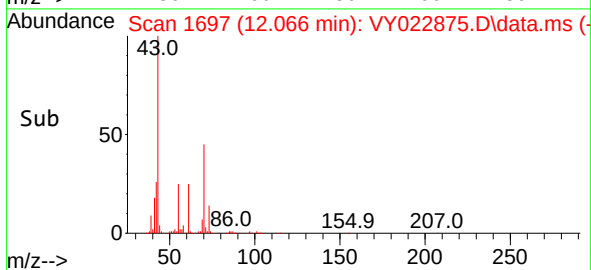
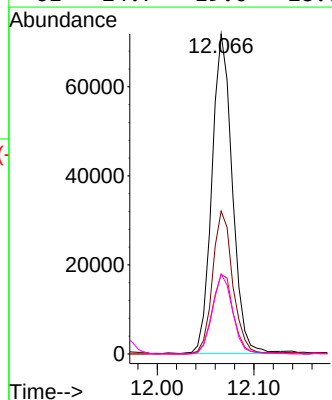
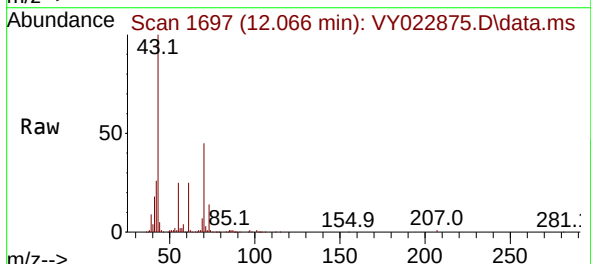
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

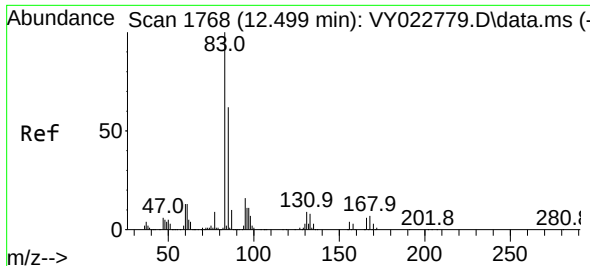
Tgt Ion:105 Resp: 488287
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9



#74
N-ethyl acetate
Concen: 20.548 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 43 Resp: 105321
Ion Ratio Lower Upper
43 100
70 44.8 34.2 51.2
55 25.8 18.2 27.4
61 24.7 19.0 28.6

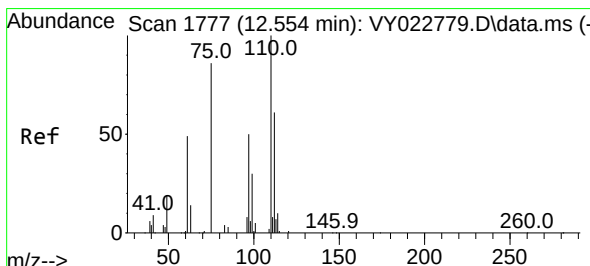
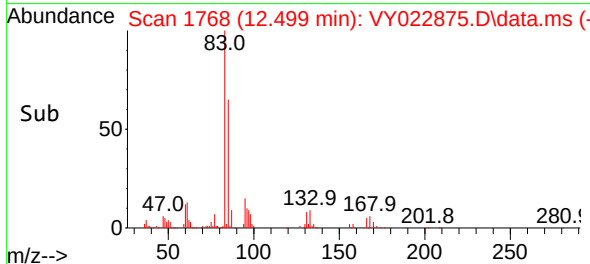
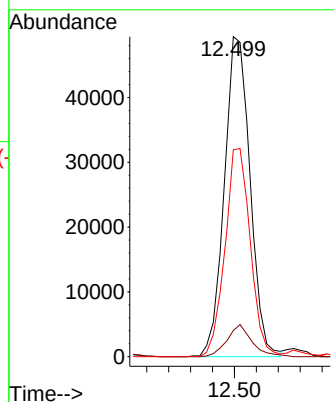
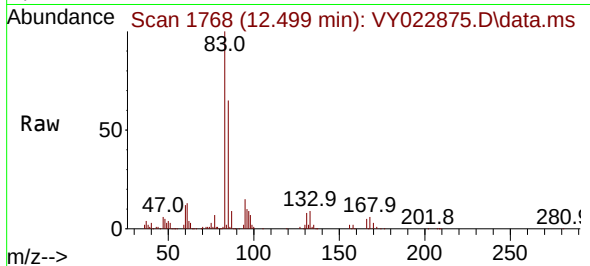




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.894 ug/l
 RT: 12.499 min Scan# 1768
 Delta R.T. -0.006 min
 Lab File: VY022875.D
 Acq: 30 Jun 2025 12:32

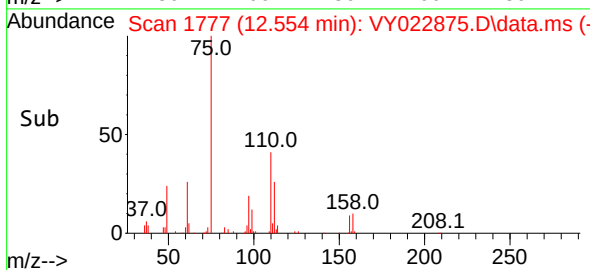
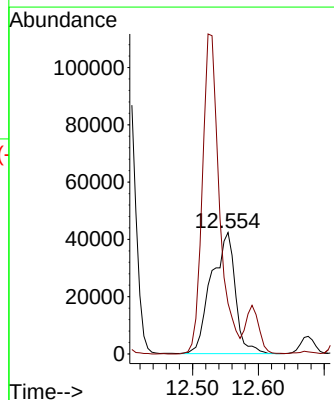
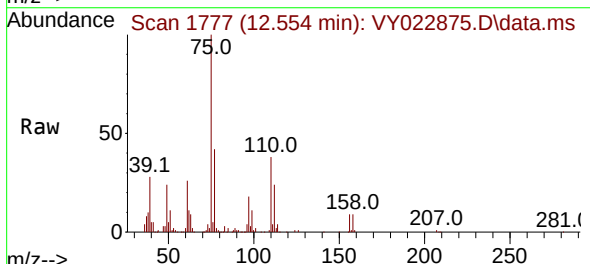
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

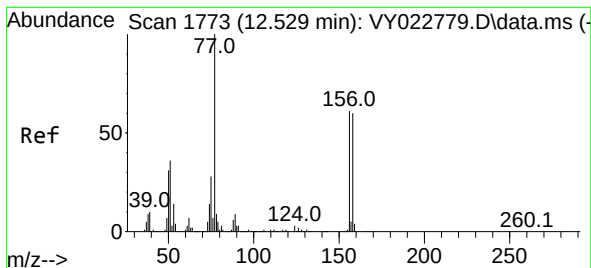
Tgt Ion: 83 Resp: 80576
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.7
 85 63.9 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 34.073 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022875.D
 Acq: 30 Jun 2025 12:32

Tgt Ion: 75 Resp: 107407
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.665 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

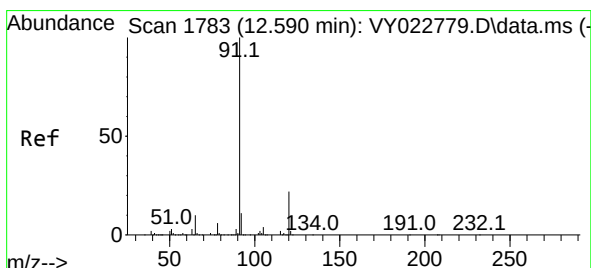
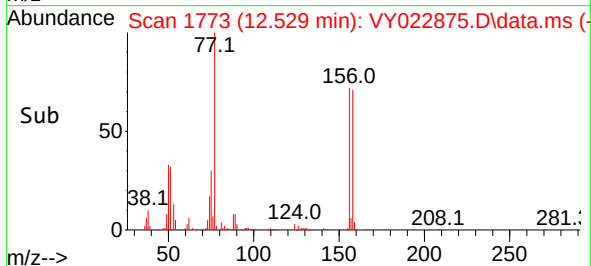
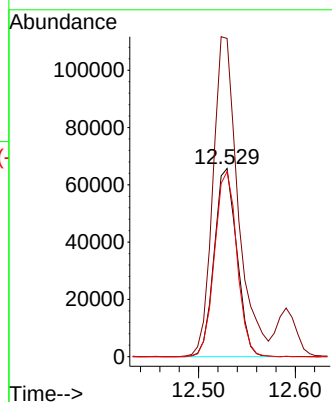
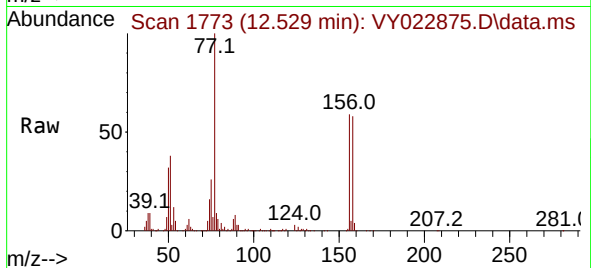
Tgt Ion:156 Resp: 106962

Ion Ratio Lower Upper

156 100

77 189.3 94.0 282.1

158 97.3 48.2 144.6



#78

n-propylbenzene

Concen: 21.527 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022875.D

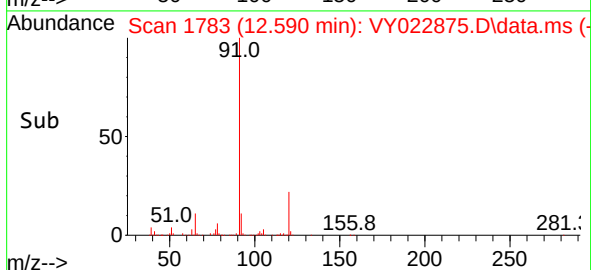
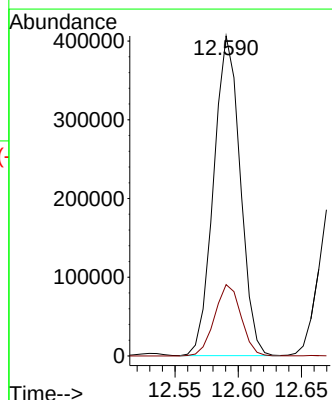
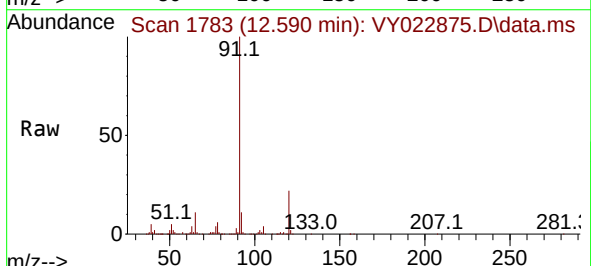
Acq: 30 Jun 2025 12:32

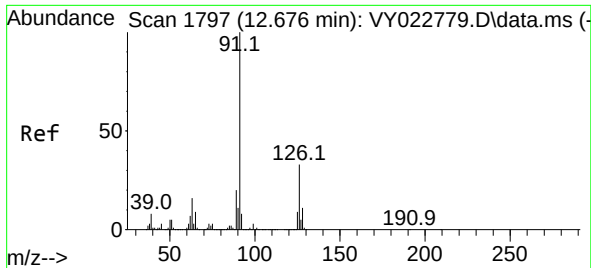
Tgt Ion: 91 Resp: 593497

Ion Ratio Lower Upper

91 100

120 22.2 10.8 32.4

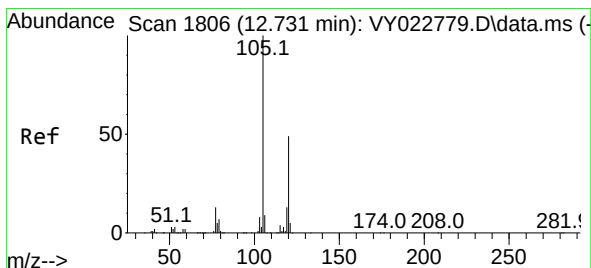
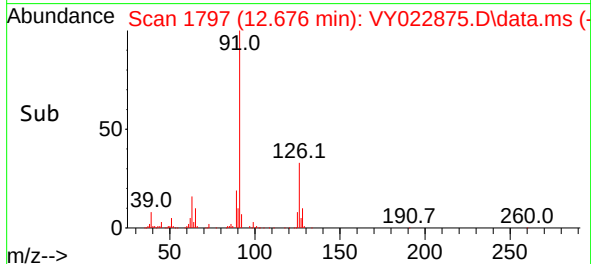
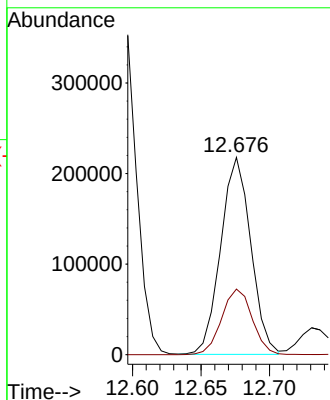
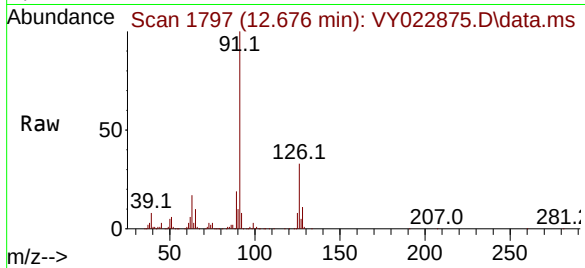




#79
2-Chlorotoluene
Concen: 21.355 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

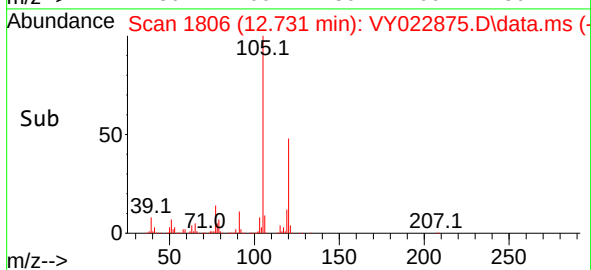
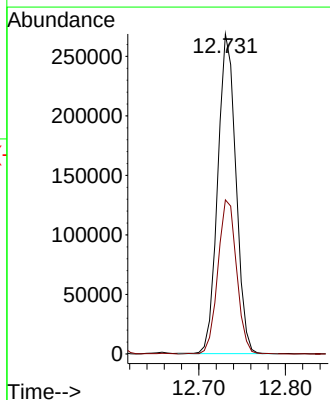
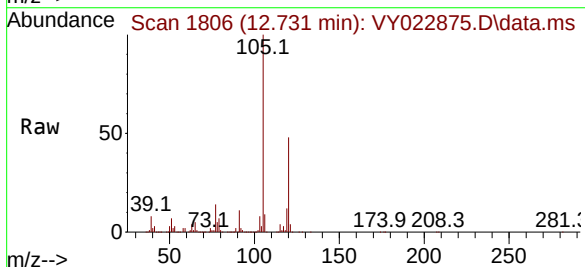
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

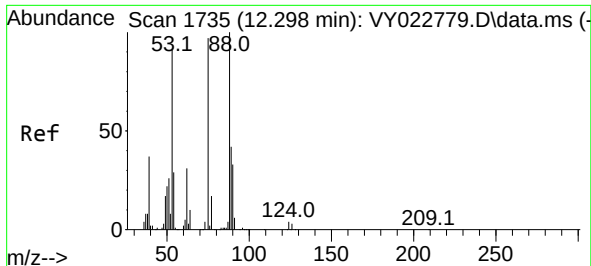
Tgt Ion: 91 Resp: 332637
Ion Ratio Lower Upper
91 100
126 33.8 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.207 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 105 Resp: 390931
Ion Ratio Lower Upper
105 100
120 49.7 24.1 72.4

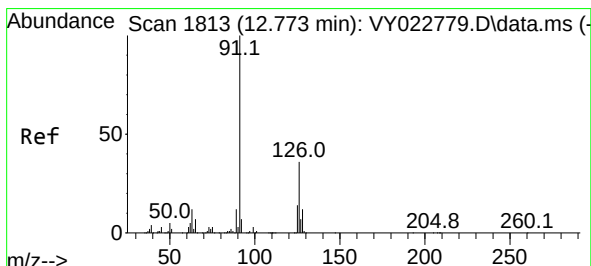
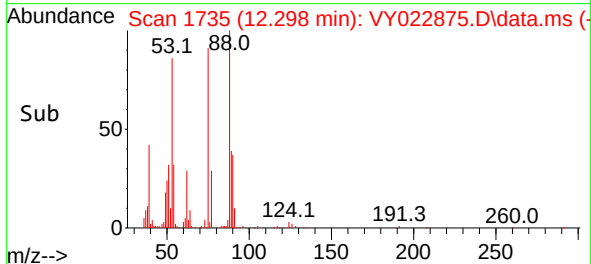
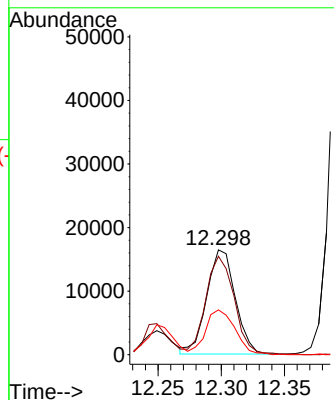
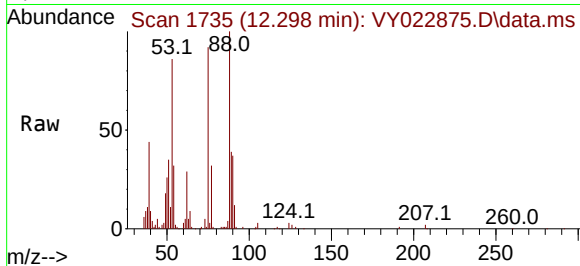




#81
trans-1,4-Dichloro-2-butene
Concen: 20.680 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

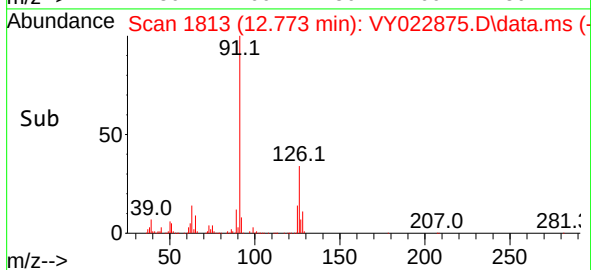
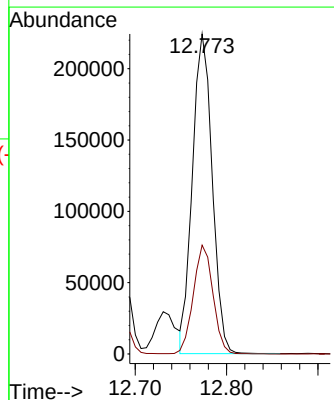
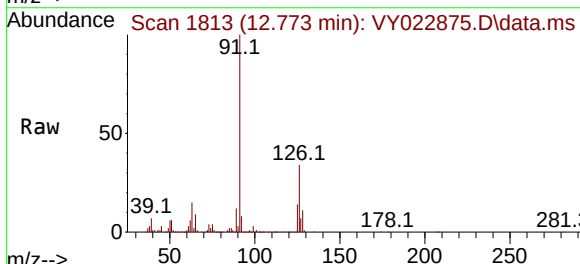
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

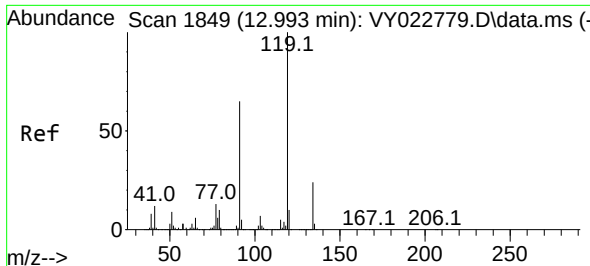
Tgt Ion: 75 Resp: 25803
Ion Ratio Lower Upper
75 100
53 94.0 78.5 117.7
89 44.2 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.609 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022875.D
Acq: 30 Jun 2025 12:32

Tgt Ion: 91 Resp: 337202
Ion Ratio Lower Upper
91 100
126 33.9 17.0 50.9

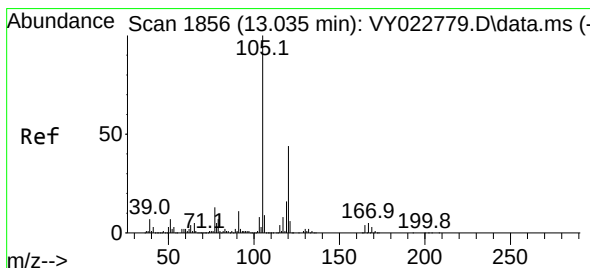
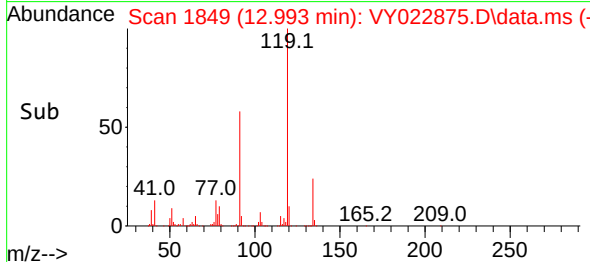
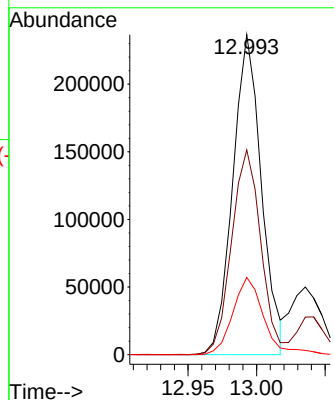
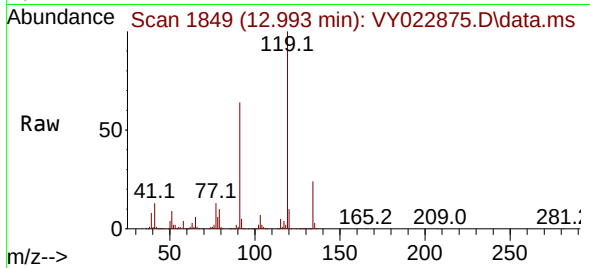




#83
 tert-Butylbenzene
 Concen: 21.203 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: VY022875.D
 Acq: 30 Jun 2025 12:32

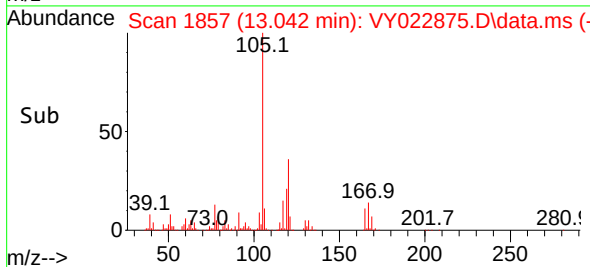
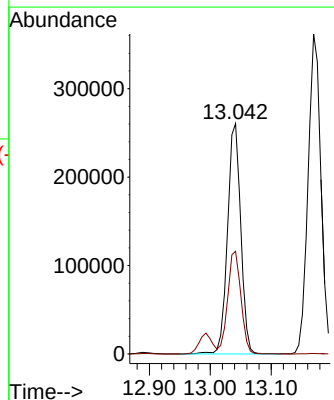
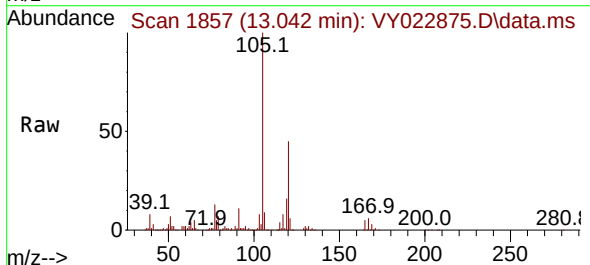
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

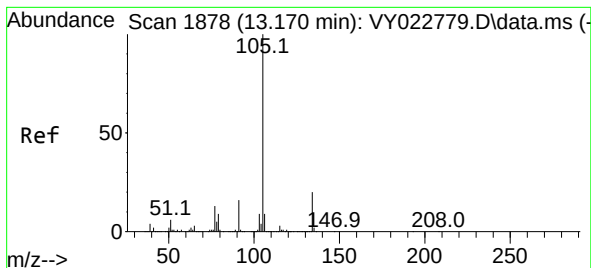
Tgt Ion:119 Resp: 344699
 Ion Ratio Lower Upper
 119 100
 91 64.8 32.1 96.3
 134 26.1 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 21.258 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.000 min
 Lab File: VY022875.D
 Acq: 30 Jun 2025 12:32

Tgt Ion:105 Resp: 392336
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.588 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

Instrument :

MSVOA_Y

ClientSampleId :

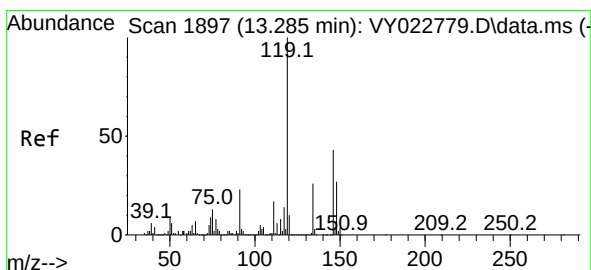
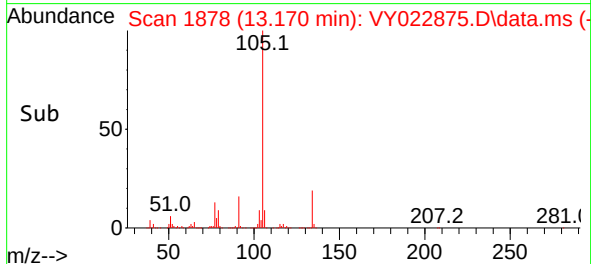
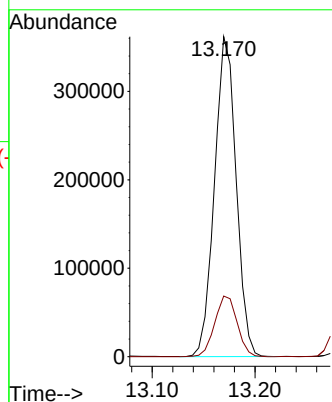
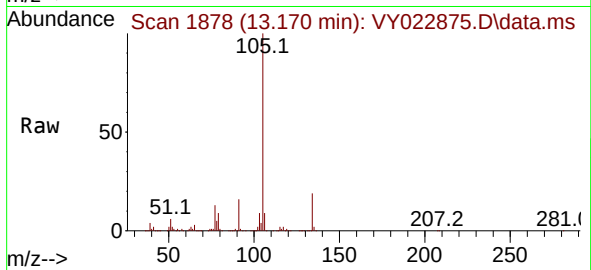
VY0630SBS01

Tgt Ion:105 Resp: 528051

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.310 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

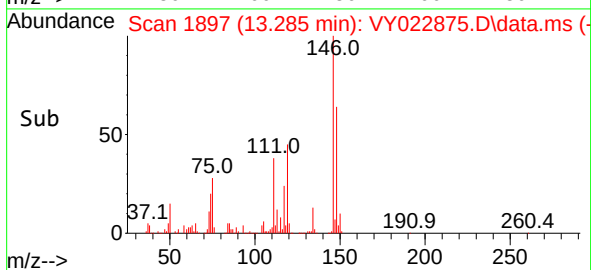
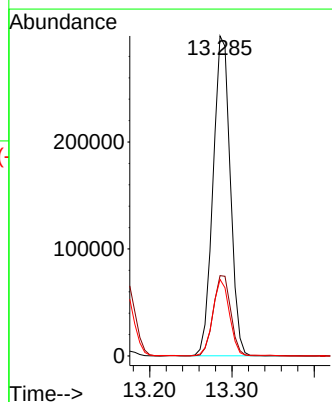
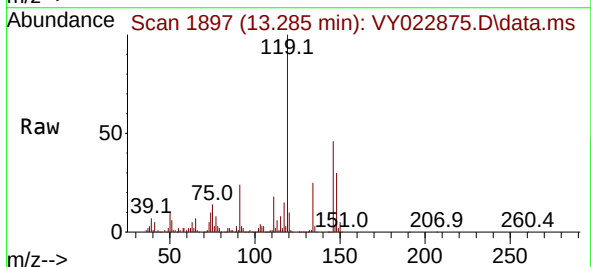
Tgt Ion:119 Resp: 433785

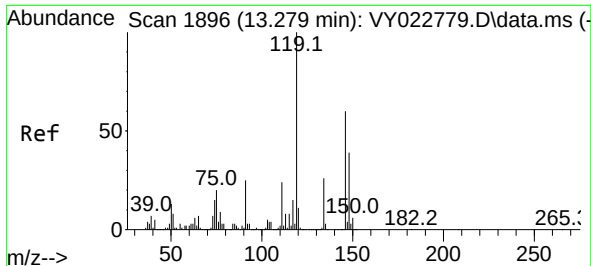
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.1

91 23.2 11.6 34.8

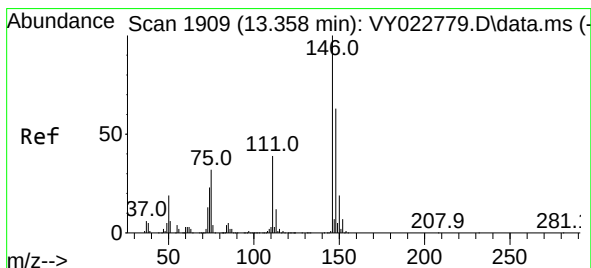
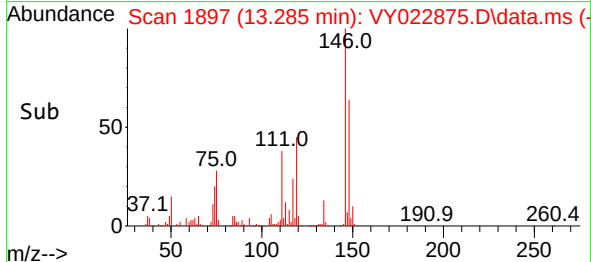
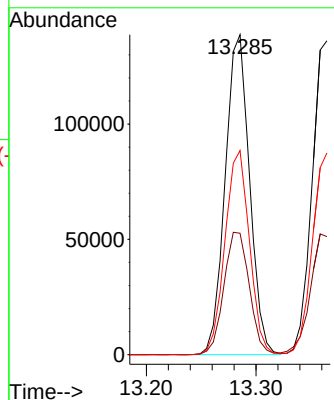
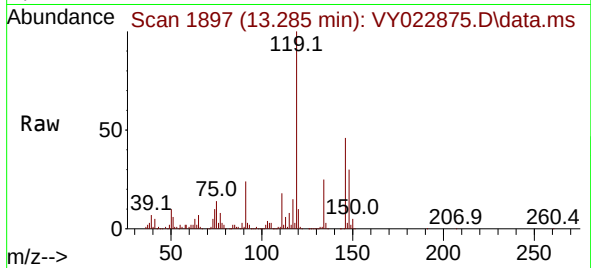




#87
 1,3-Dichlorobenzene
 Concen: 20.635 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022875.D
 Acq: 30 Jun 2025 12:32

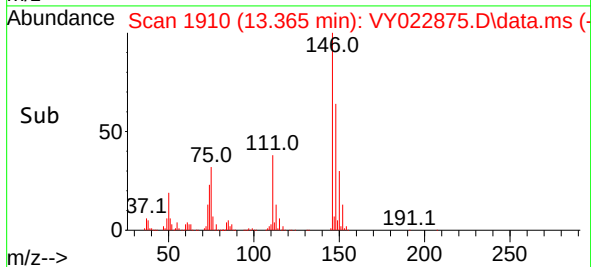
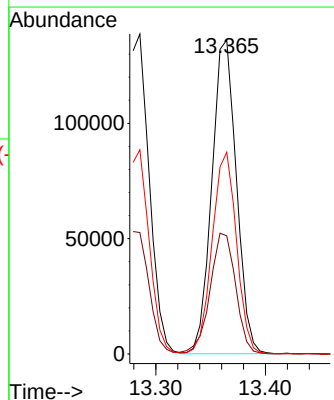
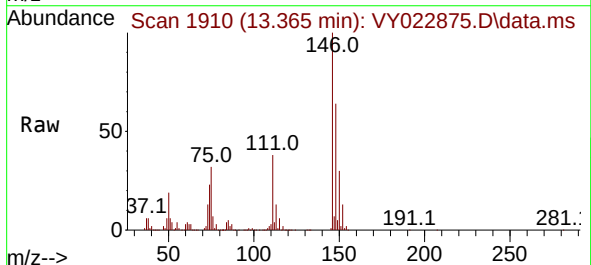
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

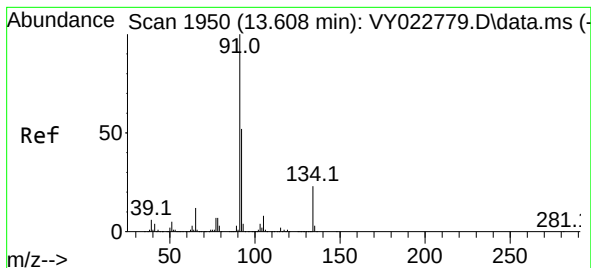
Tgt Ion:146 Resp: 214505
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.1 60.2
 148 64.0 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.536 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. -0.006 min
 Lab File: VY022875.D
 Acq: 30 Jun 2025 12:32

Tgt Ion:146 Resp: 212059
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.4 58.2
 148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 21.677 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

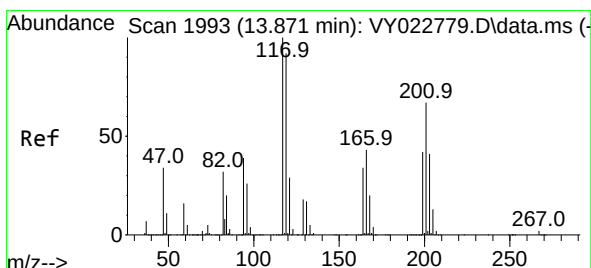
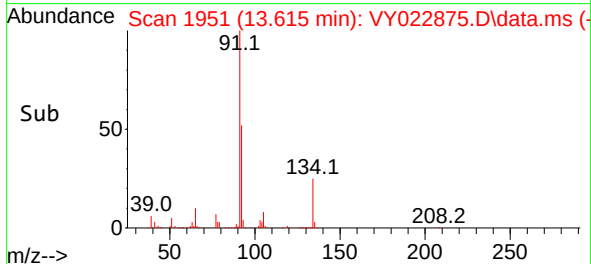
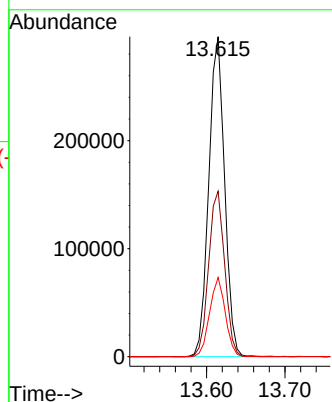
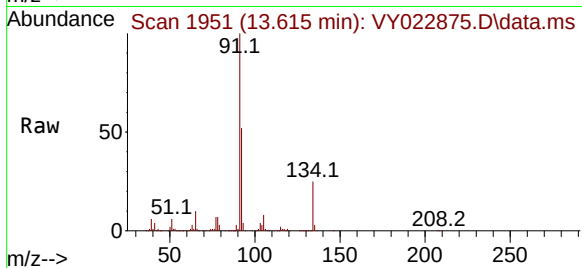
Tgt Ion: 91 Resp: 415050

Ion Ratio Lower Upper

91 100

92 52.5 25.9 77.8

134 24.5 12.0 36.1



#90

Hexachloroethane

Concen: 21.048 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022875.D

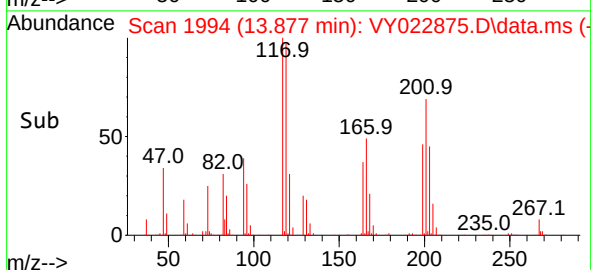
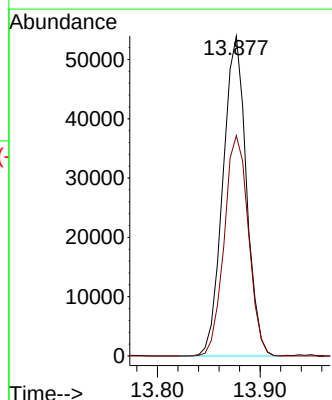
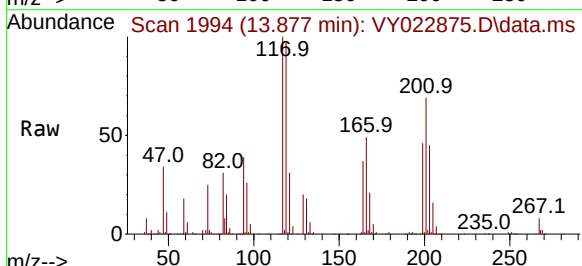
Acq: 30 Jun 2025 12:32

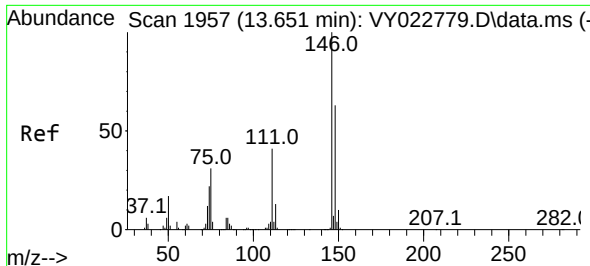
Tgt Ion: 117 Resp: 85333

Ion Ratio Lower Upper

117 100

201 71.2 34.0 102.0



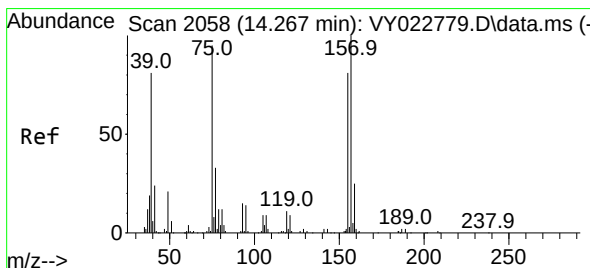
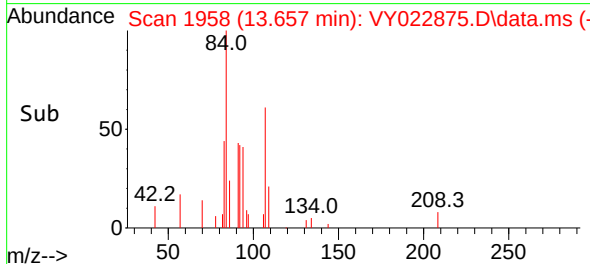
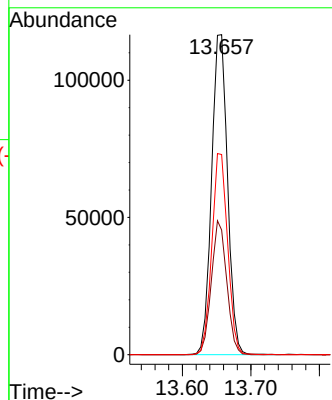
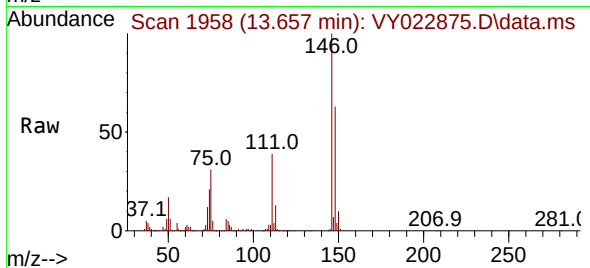


#91
 1,2-Dichlorobenzene
 Concen: 20.587 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022875.D
 Acq: 30 Jun 2025 12:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tgt Ion:146 Resp: 188591

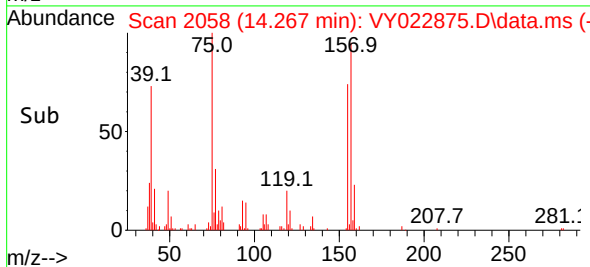
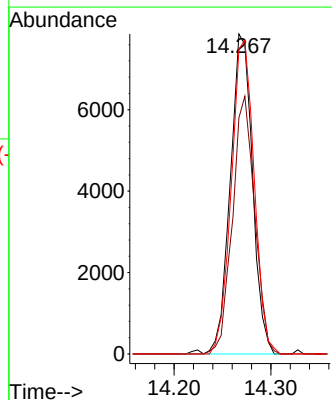
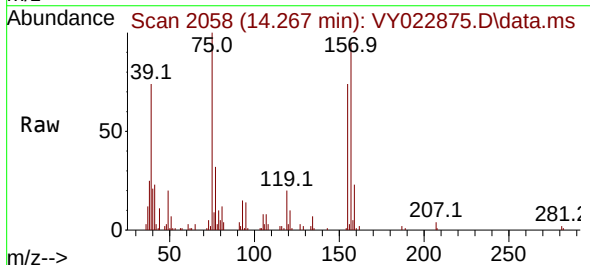
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.2	60.6
148	62.2	31.4	94.0

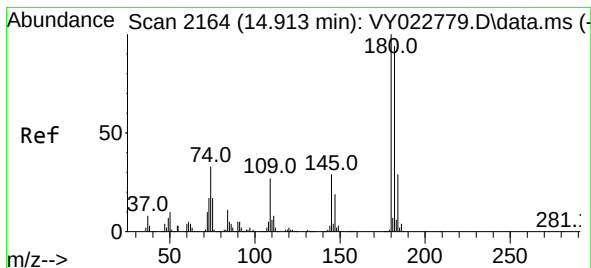


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.152 ug/l
 RT: 14.267 min Scan# 2058
 Delta R.T. -0.006 min
 Lab File: VY022875.D
 Acq: 30 Jun 2025 12:32

Tgt Ion: 75 Resp: 12577

Ion	Ratio	Lower	Upper
75	100		
155	80.5	39.9	119.6
157	100.6	54.0	162.0





#93

1,2,4-Trichlorobenzene

Concen: 20.654 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

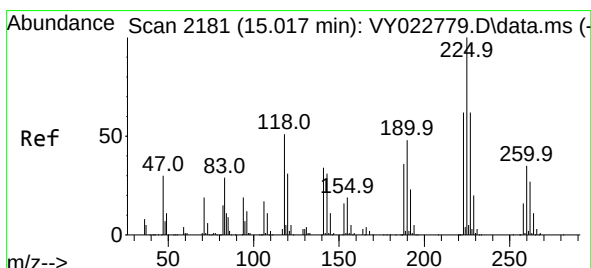
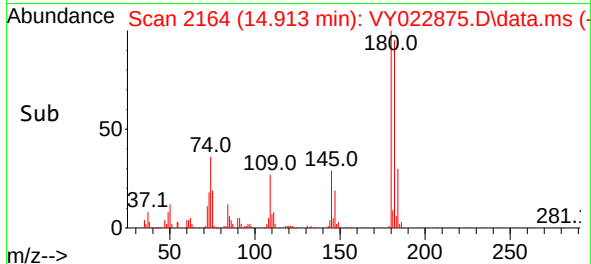
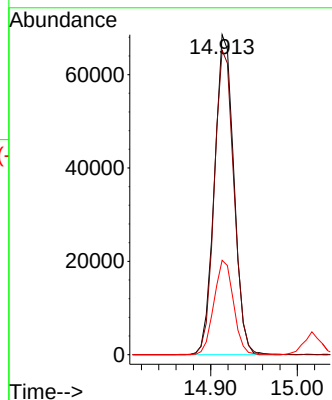
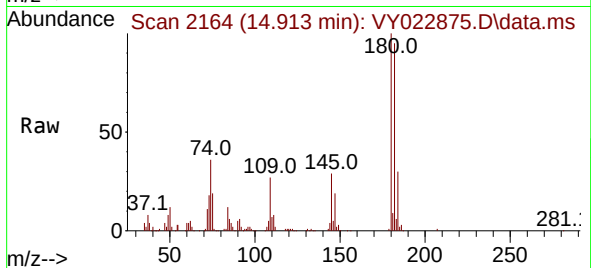
Tgt Ion:180 Resp: 106828

Ion Ratio Lower Upper

180 100

182 96.0 48.4 145.3

145 29.6 15.5 46.5



#94

Hexachlorobutadiene

Concen: 21.595 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

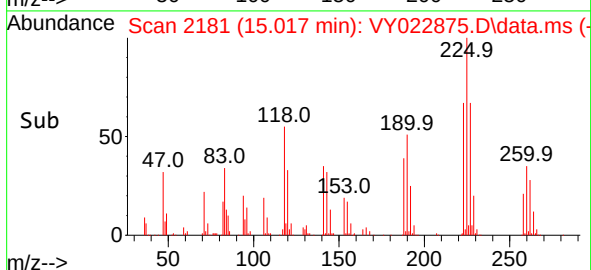
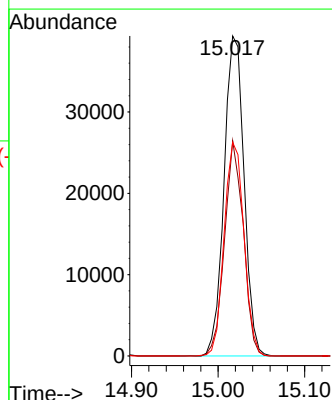
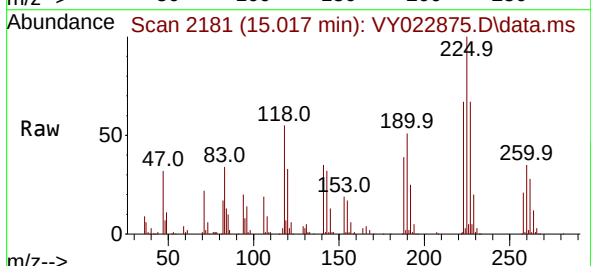
Tgt Ion:225 Resp: 63162

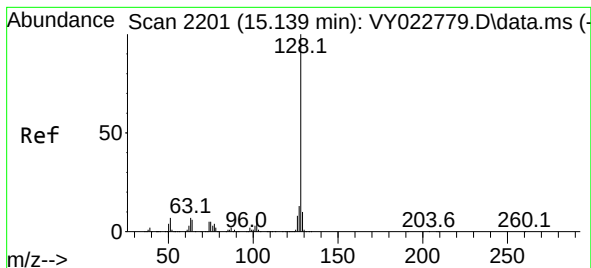
Ion Ratio Lower Upper

225 100

223 62.9 32.5 97.4

227 66.2 32.3 96.9





#95

Naphthalene

Concen: 19.355 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

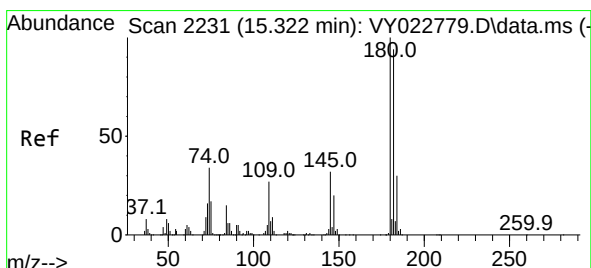
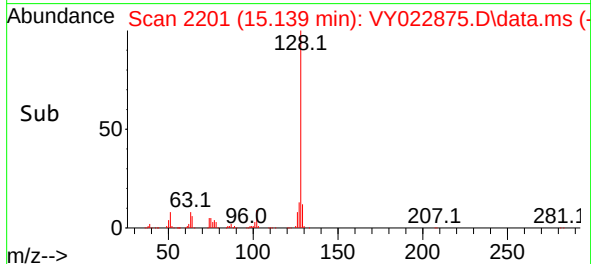
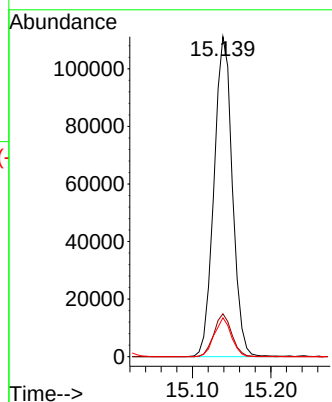
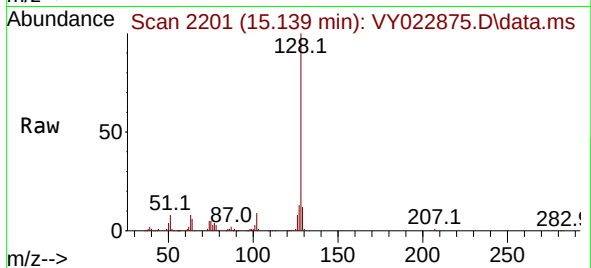
Tgt Ion:128 Resp: 181037

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.3 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 20.307 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022875.D

Acq: 30 Jun 2025 12:32

Tgt Ion:180 Resp: 90763

Ion Ratio Lower Upper

180 100

182 94.3 47.1 141.3

145 31.9 15.2 45.6

