

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081225\
 Data File : VY023057.D
 Acq On : 12 Aug 2025 17:53
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 13 02:14:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	528657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	849851	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	756555	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	376990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	252116	50.038	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.080%	
35) Dibromofluoromethane	7.628	113	255171	50.179	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.360%	
50) Toluene-d8	10.103	98	979510	49.306	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.620%	
62) 4-Bromofluorobenzene	12.402	95	329022	51.500	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	179421	41.579	ug/l	99
3) Chloromethane	2.068	50	340600	48.732	ug/l	100
4) Vinyl Chloride	2.202	62	416413	48.198	ug/l	99
5) Bromomethane	2.592	94	303147	46.983	ug/l	98
6) Chloroethane	2.733	64	281008	48.923	ug/l	99
7) Trichlorofluoromethane	3.050	101	493782	47.003	ug/l	100
8) Diethyl Ether	3.452	74	132818	47.787	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	247351	47.725	ug/l	99
10) Methyl Iodide	4.001	142	287126	51.340	ug/l	99
11) Tert butyl alcohol	4.860	59	84906	245.940	ug/l	98
12) 1,1-Dichloroethene	3.787	96	242931	47.686	ug/l	95
13) Acrolein	3.647	56	112246	222.008	ug/l	98
14) Allyl chloride	4.379	41	354691	47.317	ug/l	99
15) Acrylonitrile	5.055	53	274329	242.779	ug/l	99
16) Acetone	3.867	43	229985	210.695	ug/l	96
17) Carbon Disulfide	4.104	76	779852	46.948	ug/l	99
18) Methyl Acetate	4.385	43	168821	51.972	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	658713	49.899	ug/l	100
20) Methylene Chloride	4.610	84	283386	49.960	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	279182	48.765	ug/l	98
22) Diisopropyl ether	6.019	45	814622	50.011	ug/l	97
23) Vinyl Acetate	5.958	43	2182924	242.360	ug/l	100
24) 1,1-Dichloroethane	5.915	63	483509	48.551	ug/l	100
25) 2-Butanone	6.890	43	341490	230.028	ug/l	99
26) 2,2-Dichloropropane	6.884	77	390777	45.475	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	322451	48.720	ug/l	99
28) Bromochloromethane	7.238	49	198640	50.275	ug/l	100
29) Tetrahydrofuran	7.262	42	227680	247.420	ug/l	100
30) Chloroform	7.421	83	497627	48.450	ug/l	97
31) Cyclohexane	7.695	56	436638	46.526	ug/l	98
32) 1,1,1-Trichloroethane	7.610	97	445943	48.933	ug/l	100
36) 1,1-Dichloropropene	7.829	75	364210	48.193	ug/l	99
37) Ethyl Acetate	6.982	43	157530	49.621	ug/l	99
38) Carbon Tetrachloride	7.817	117	394245	48.030	ug/l	99
39) Methylcyclohexane	9.103	83	493867	49.625	ug/l	98
40) Benzene	8.073	78	1128023	48.428	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	88437	48.269	ug/l	99
42) 1,2-Dichloroethane	8.152	62	291766	48.162	ug/l	100
43) Isopropyl Acetate	8.195	43	315013	49.094	ug/l	98
44) Trichloroethene	8.860	130	287745	47.803	ug/l	95
45) 1,2-Dichloropropane	9.140	63	262408	48.961	ug/l	98
46) Dibromomethane	9.225	93	149745	48.679	ug/l	99
47) Bromodichloromethane	9.420	83	391522	49.463	ug/l	98
48) Methyl methacrylate	9.219	41	155118	50.520	ug/l	99
49) 1,4-Dioxane	9.225	88	35050	971.749	ug/l	98
51) 4-Methyl-2-Pentanone	9.993	43	823949	248.943	ug/l	99
52) Toluene	10.164	92	724356	48.963	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	356228	49.699	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	415017	48.965	ug/l	97
55) 1,1,2-Trichloroethane	10.567	97	201146	48.867	ug/l	98
56) Ethyl methacrylate	10.432	69	267458	50.779	ug/l	99
57) 1,3-Dichloropropane	10.713	76	343649	49.228	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	678865	273.240	ug/l	100
59) 2-Hexanone	10.756	43	551743	244.812	ug/l	99
60) Dibromochloromethane	10.908	129	270536	49.810	ug/l	99
61) 1,2-Dibromoethane	11.012	107	190334	49.197	ug/l	100
64) Tetrachloroethene	10.640	164	307456	45.512	ug/l	98
65) Chlorobenzene	11.438	112	787799	48.275	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.512	131	270360	48.815	ug/l	99
67) Ethyl Benzene	11.512	91	1380648	49.163	ug/l	100
68) m/p-Xylenes	11.621	106	1080541	98.515	ug/l	99
69) o-Xylene	11.950	106	509991	49.645	ug/l	99
70) Styrene	11.963	104	852310	50.733	ug/l	99
71) Bromoform	12.127	173	157073	48.525	ug/l #	98
73) Isopropylbenzene	12.249	105	1327070	49.876	ug/l	100
74) N-amyl acetate	12.066	43	285118	50.529	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.499	83	224206	49.350	ug/l	98
76) 1,2,3-Trichloropropane	12.548	75	294203	80.862	ug/l #	100
77) Bromobenzene	12.524	156	311065	49.004	ug/l	99
78) n-propylbenzene	12.591	91	1610911	50.853	ug/l	100
79) 2-Chlorotoluene	12.676	91	905657	49.898	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	1094902	50.916	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	74263	49.409	ug/l	98
82) 4-Chlorotoluene	12.774	91	932114	49.505	ug/l	100
83) tert-Butylbenzene	12.993	119	979692	50.443	ug/l	99
84) 1,2,4-Trimethylbenzene	13.036	105	1092616	51.042	ug/l	100
85) sec-Butylbenzene	13.170	105	1459437	51.154	ug/l	100
86) p-Isopropyltoluene	13.286	119	1222900	51.639	ug/l	100
87) 1,3-Dichlorobenzene	13.280	146	621371	49.639	ug/l	98
88) 1,4-Dichlorobenzene	13.359	146	602429	48.514	ug/l	99
89) n-Butylbenzene	13.609	91	1122189	51.594	ug/l	100
90) Hexachloroethane	13.871	117	245386	50.617	ug/l	99
91) 1,2-Dichlorobenzene	13.651	146	540506	49.234	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	35428	50.085	ug/l	98
93) 1,2,4-Trichlorobenzene	14.913	180	320472	49.363	ug/l	99
94) Hexachlorobutadiene	15.017	225	184430	48.344	ug/l	99
95) Naphthalene	15.139	128	571480	51.623	ug/l	100
96) 1,2,3-Trichlorobenzene	15.322	180	272638	48.735	ug/l	100

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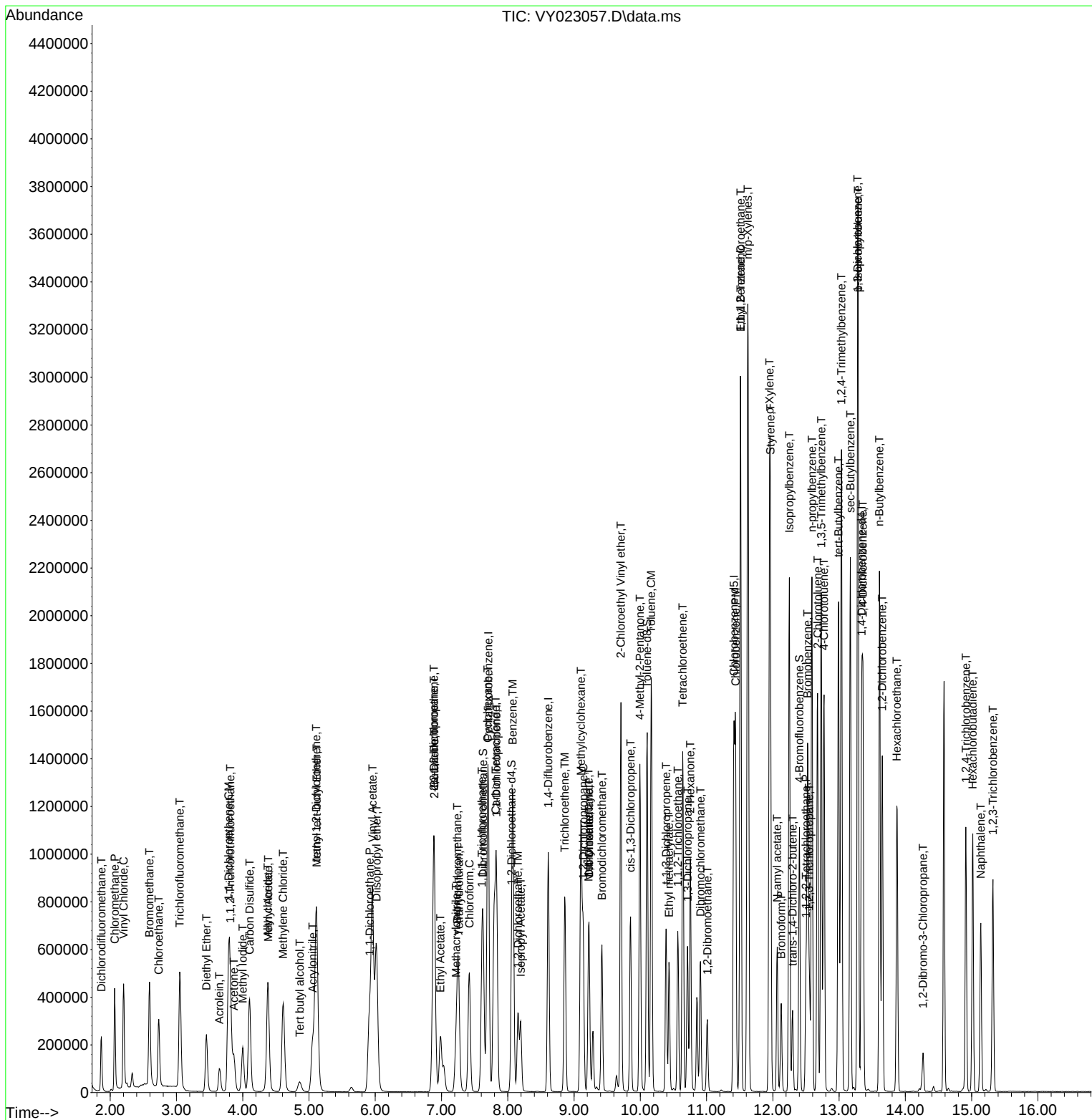
Instrument :
MSVOA_Y
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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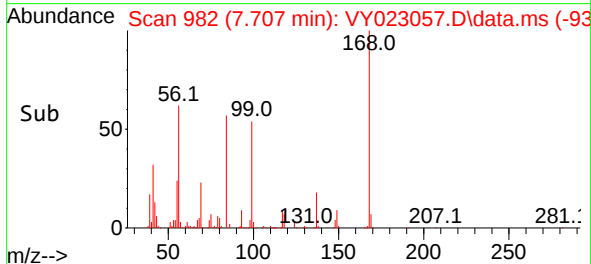
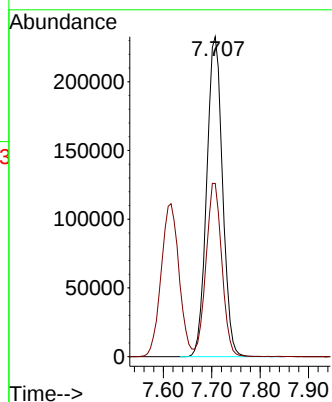
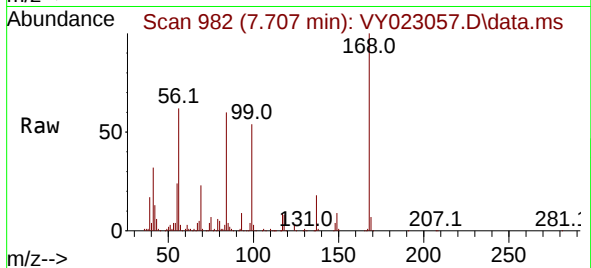




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023057.D
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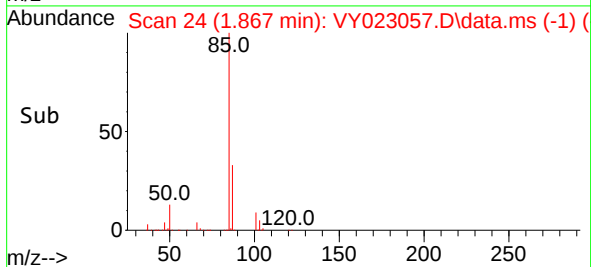
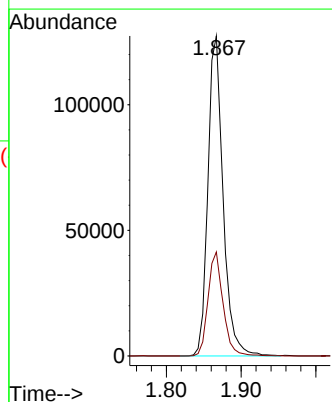
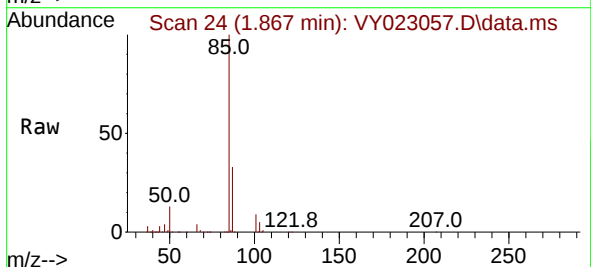
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 528657
Ion Ratio Lower Upper
168 100
99 54.1 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 41.579 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Tgt Ion: 85 Resp: 179421
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.8

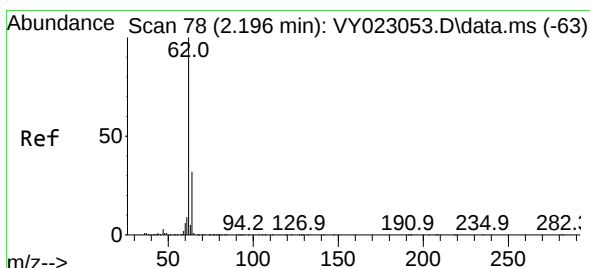
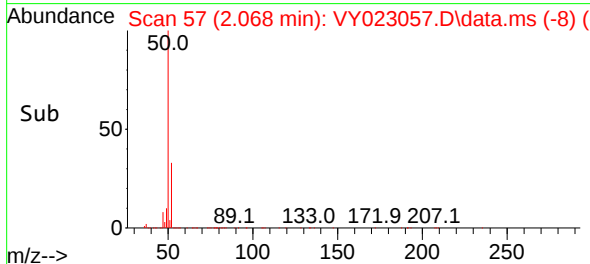
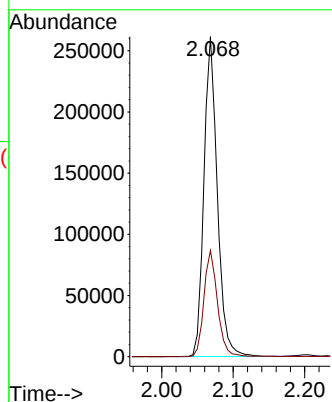
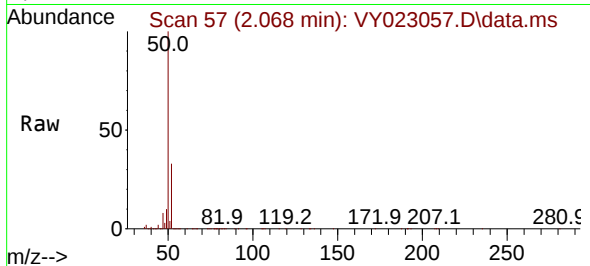




#3
Chloromethane
Concen: 48.732 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

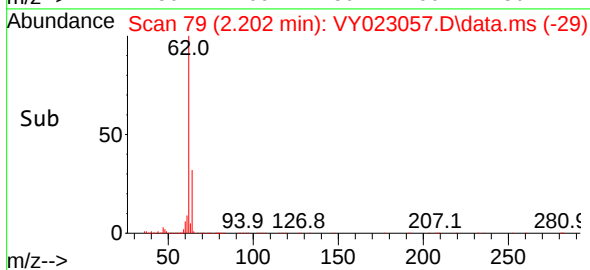
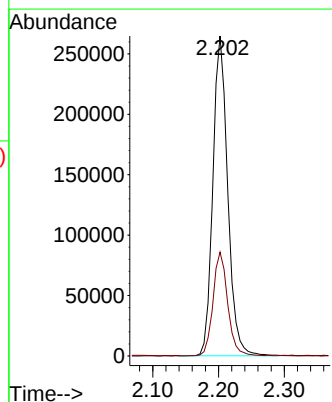
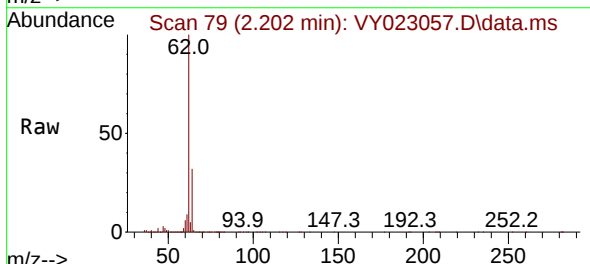
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ClientSampleId :

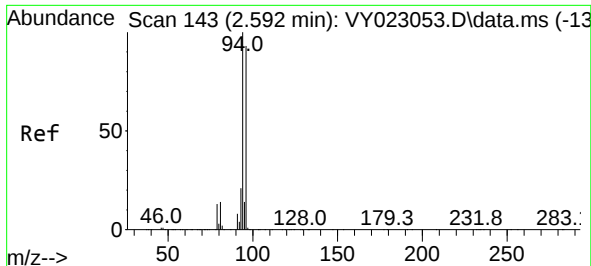
Tgt Ion: 50 Resp: 340600
Ion Ratio Lower Upper
50 100
52 33.2 26.7 40.1



#4
Vinyl Chloride
Concen: 48.198 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

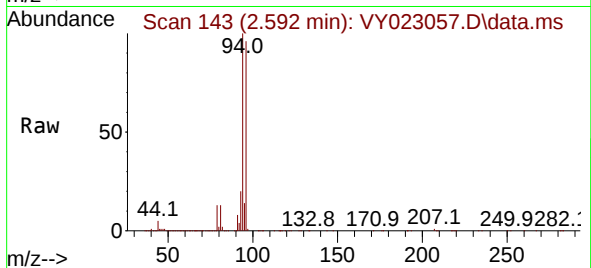
Tgt Ion: 62 Resp: 416413
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0



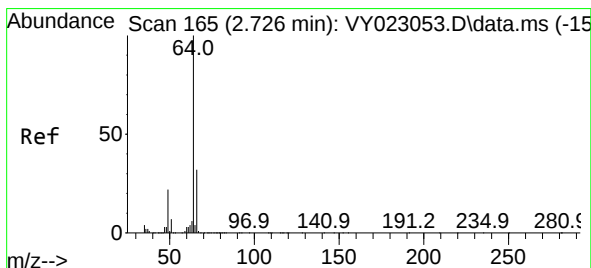
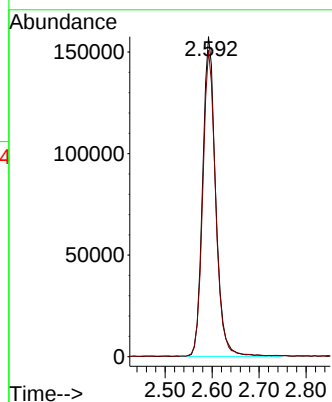
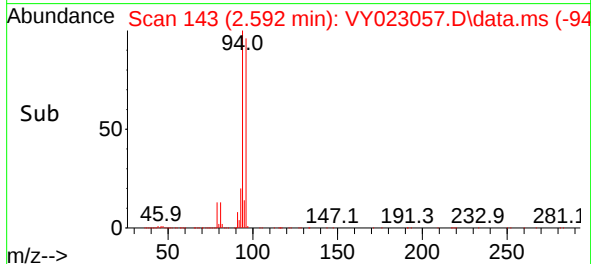


#5
Bromomethane
Concen: 46.983 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

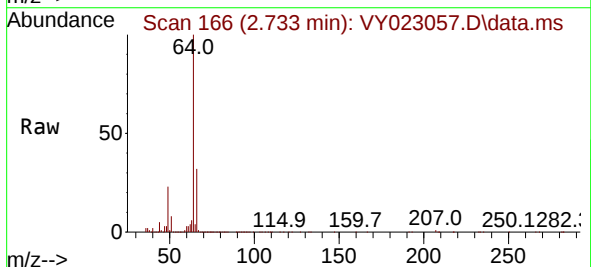
Instrument :
MSVOA_Y
ClientSampleId :



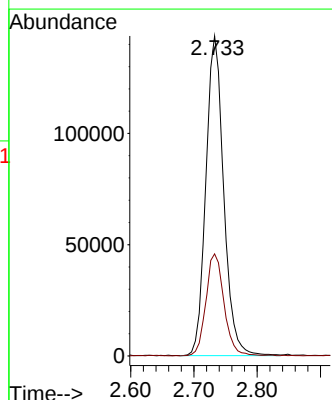
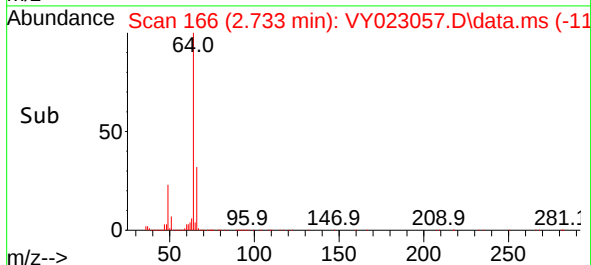
Tgt Ion: 94 Resp: 303147
Ion Ratio Lower Upper
94 100
96 95.7 74.6 112.0

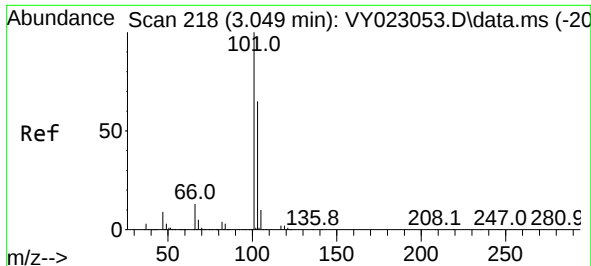


#6
Chloroethane
Concen: 48.923 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53



Tgt Ion: 64 Resp: 281008
Ion Ratio Lower Upper
64 100
66 31.9 25.8 38.6

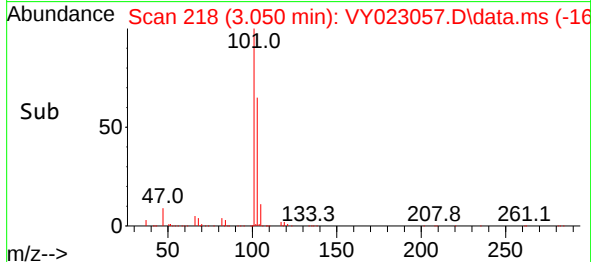
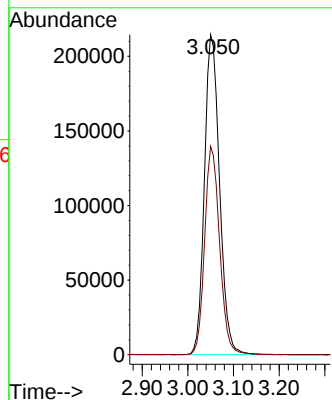
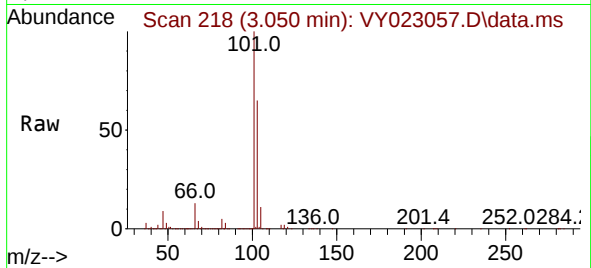




#7
 Trichlorofluoromethane
 Concen: 47.003 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY023057.D
 Acq: 12 Aug 2025 17:53

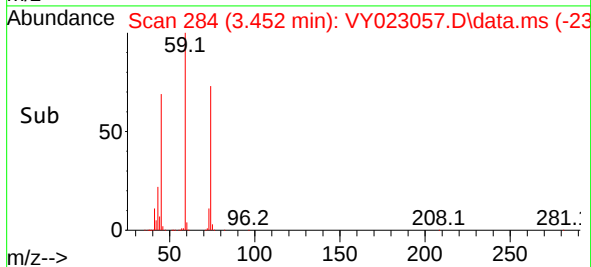
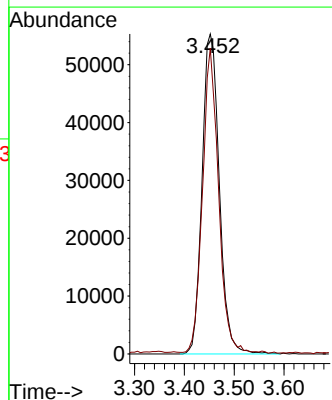
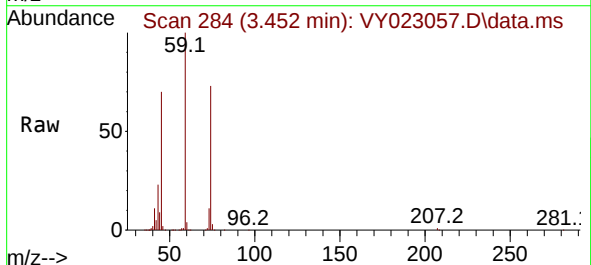
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 493782
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.9 77.9



#8
 Diethyl Ether
 Concen: 47.787 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.006 min
 Lab File: VY023057.D
 Acq: 12 Aug 2025 17:53

Tgt Ion: 74 Resp: 132818
 Ion Ratio Lower Upper
 74 100
 45 88.1 44.4 133.2

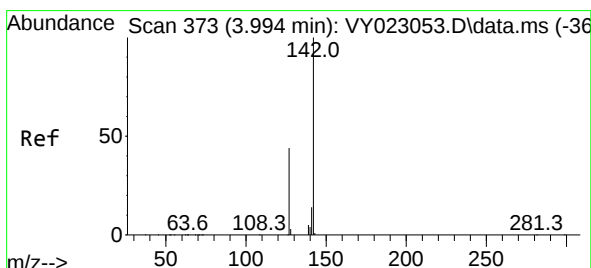
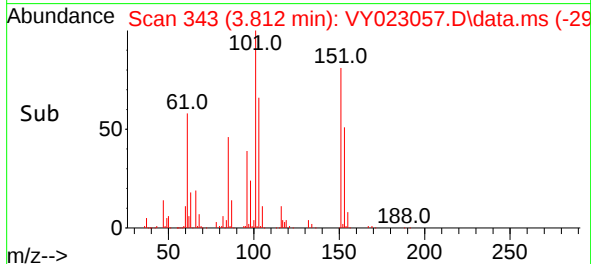
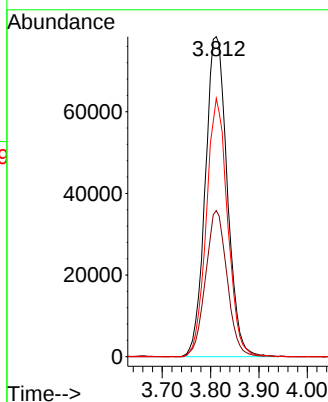
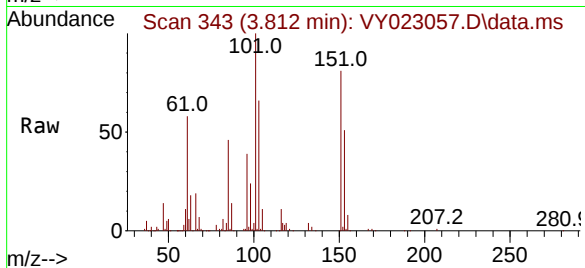




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.725 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023057.D
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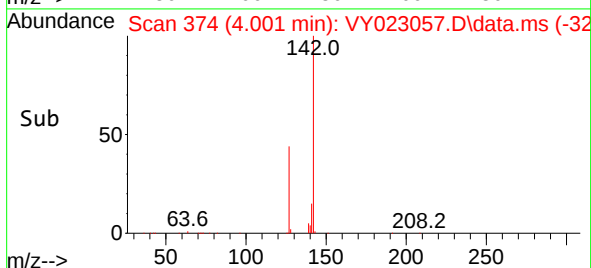
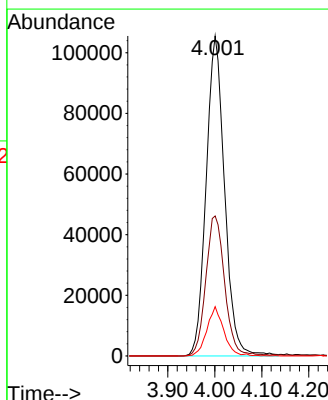
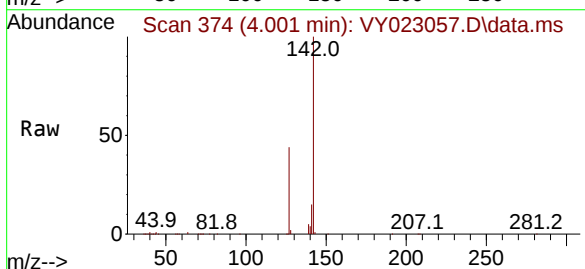
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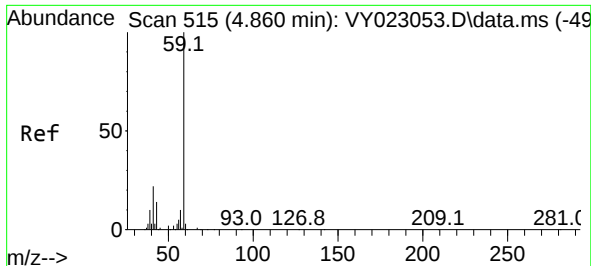
Tgt Ion:101 Resp: 247351
Ion Ratio Lower Upper
101 100
85 44.9 36.3 54.5
151 77.9 61.5 92.3



#10
Methyl Iodide
Concen: 51.340 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

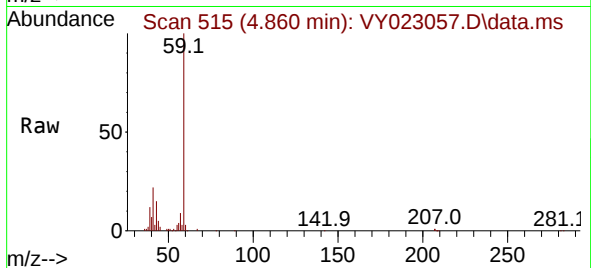
Tgt Ion:142 Resp: 287126
Ion Ratio Lower Upper
142 100
127 44.8 34.9 52.3
141 14.1 11.3 16.9



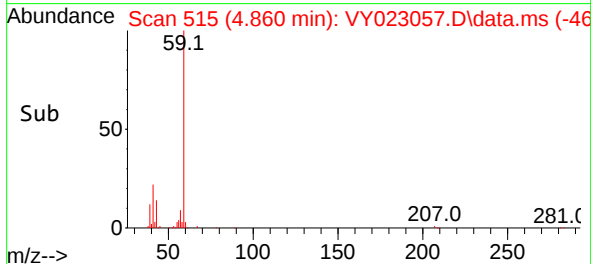
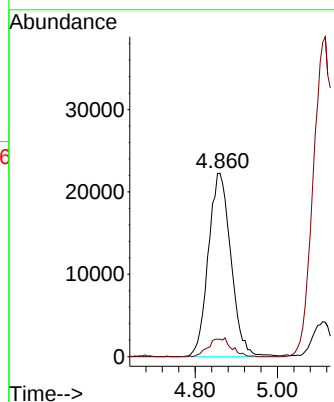


#11
Tert butyl alcohol
Concen: 245.940 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Instrument :
MSVOA_Y
ClientSampleId :

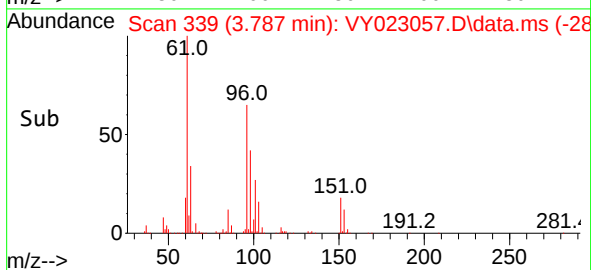
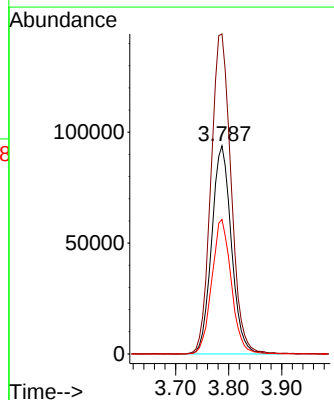
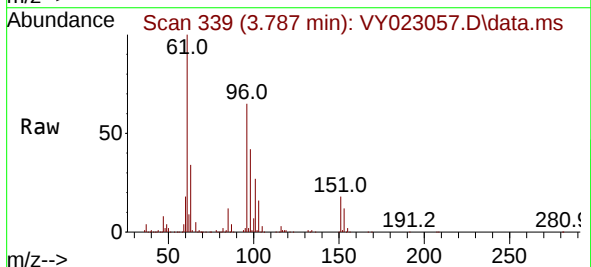


Tgt Ion: 59 Resp: 84906
Ion Ratio Lower Upper
59 100
57 10.2 8.6 13.0



#12
1,1-Dichloroethene
Concen: 47.686 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Tgt Ion: 96 Resp: 242931
Ion Ratio Lower Upper
96 100
61 153.7 129.4 194.2
98 64.6 52.8 79.2

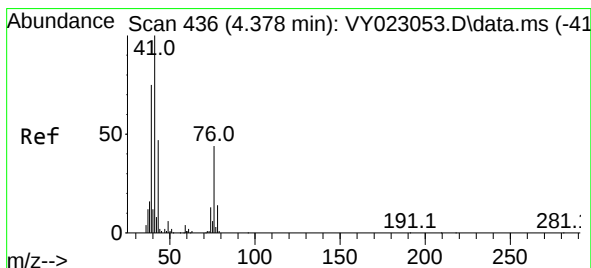
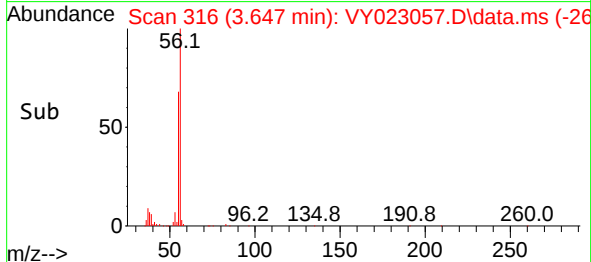
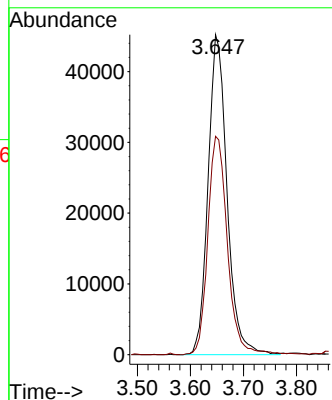
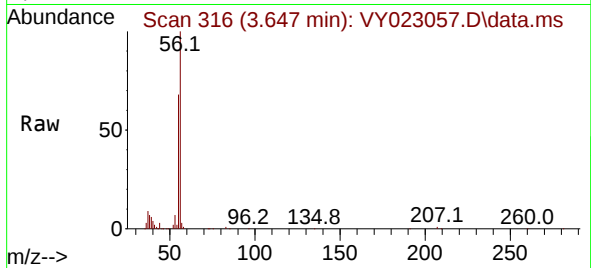




#13
Acrolein
Concen: 222.008 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

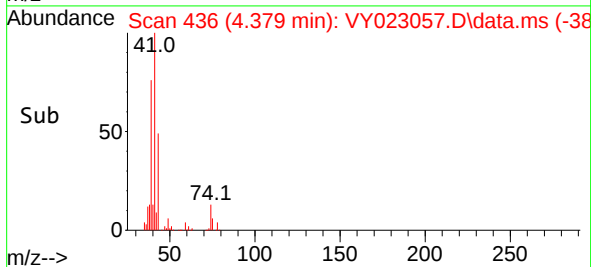
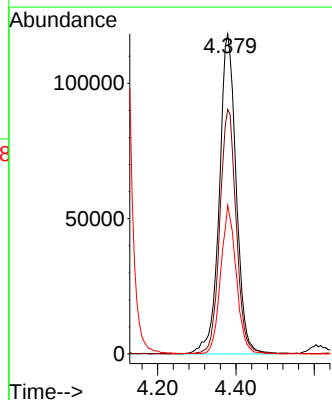
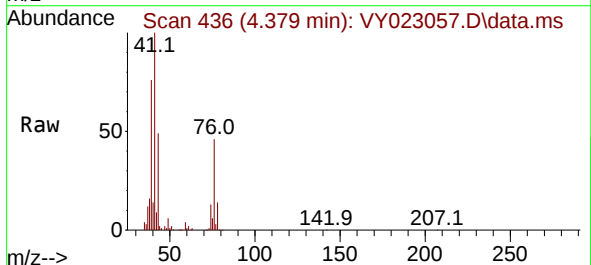
Instrument :
MSVOA_Y
ClientSampleId :

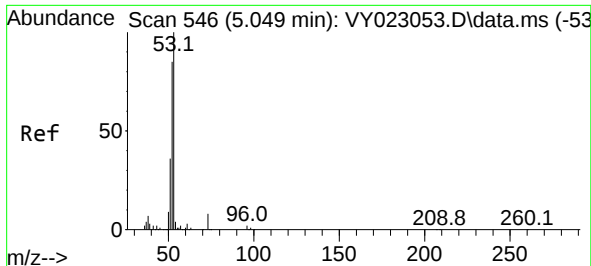
Tgt Ion: 56 Resp: 112246
Ion Ratio Lower Upper
56 100
55 70.5 55.2 82.8



#14
Allyl chloride
Concen: 47.317 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

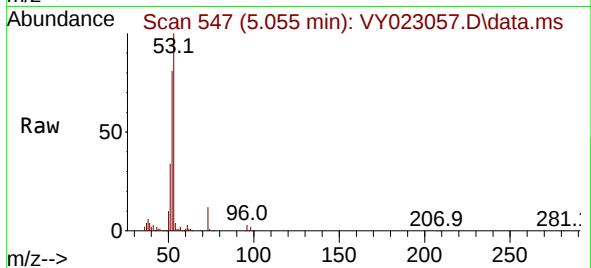
Tgt Ion: 41 Resp: 354691
Ion Ratio Lower Upper
41 100
39 74.2 59.8 89.6
76 42.7 33.7 50.5



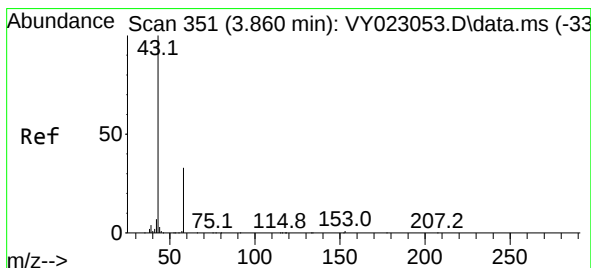
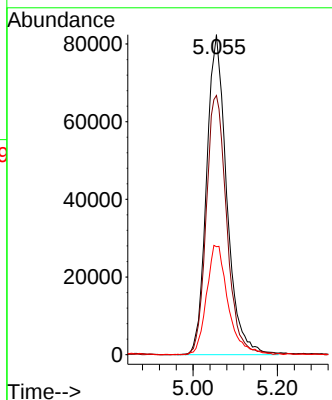
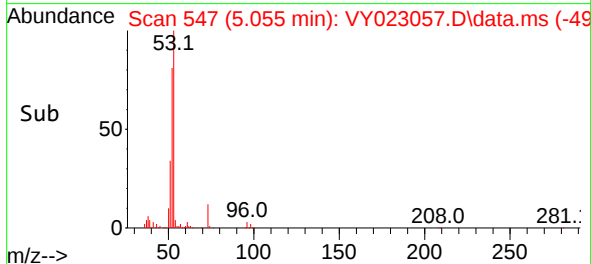


#15
Acrylonitrile
Concen: 242.779 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

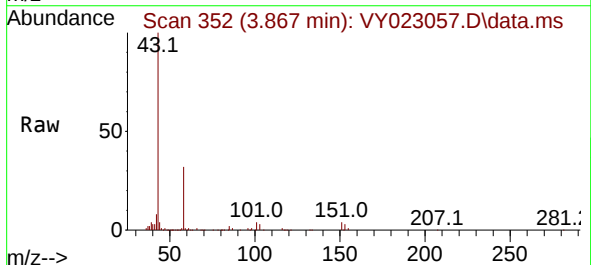
Instrument :
MSVOA_Y
ClientSampleId :



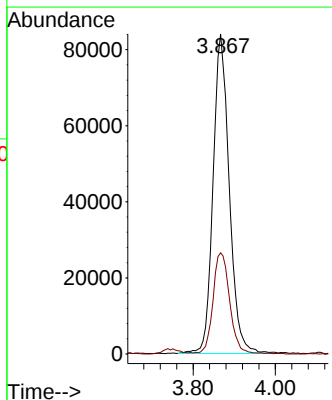
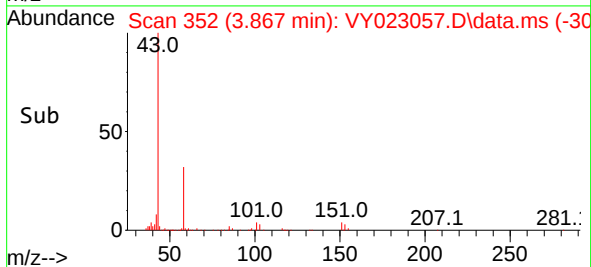
Tgt Ion: 53 Resp: 274329
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 36.5 29.5 44.3

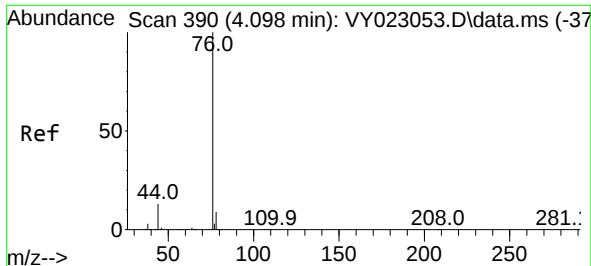


#16
Acetone
Concen: 210.695 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53



Tgt Ion: 43 Resp: 229985
Ion Ratio Lower Upper
43 100
58 31.5 27.1 40.7

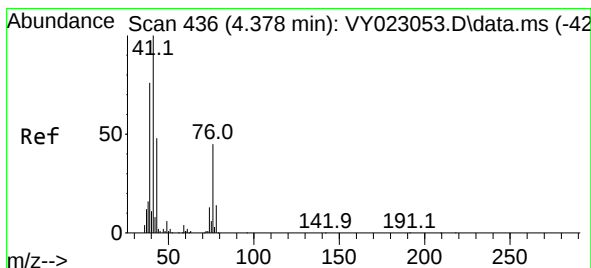
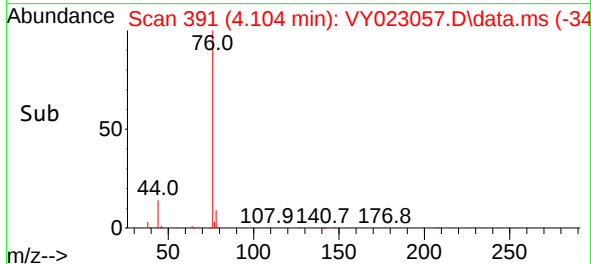
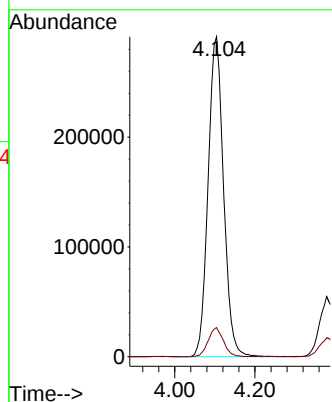
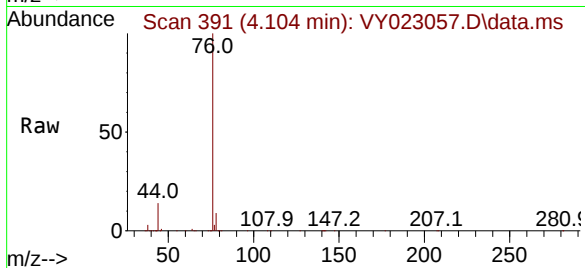




#17
Carbon Disulfide
Concen: 46.948 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

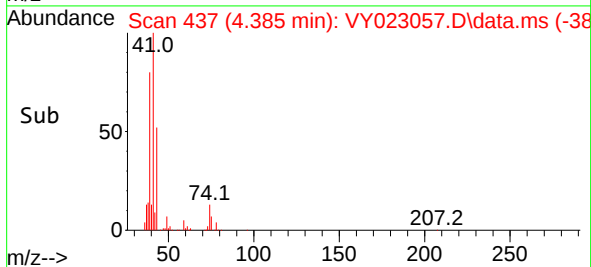
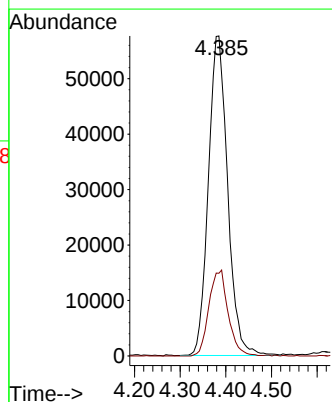
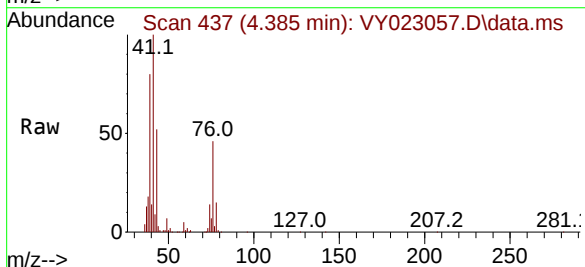
Instrument :
MSVOA_Y
ClientSampleId :

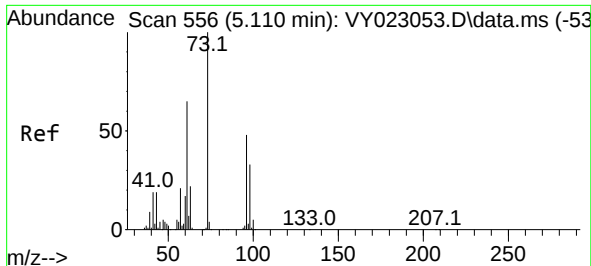
Tgt Ion: 76 Resp: 779852
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 51.972 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Tgt Ion: 43 Resp: 168821
Ion Ratio Lower Upper
43 100
74 26.8 21.2 31.8

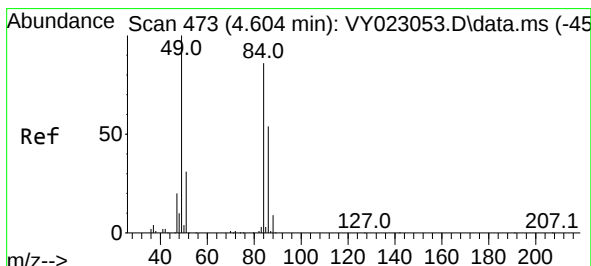
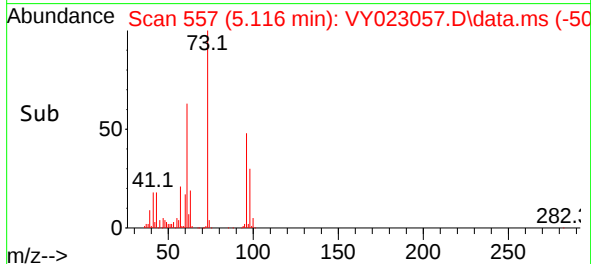
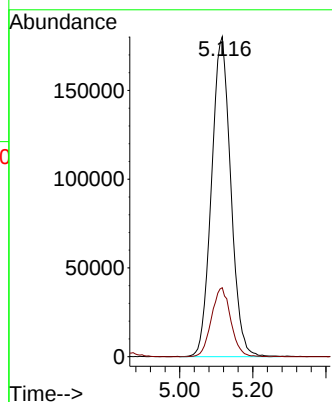
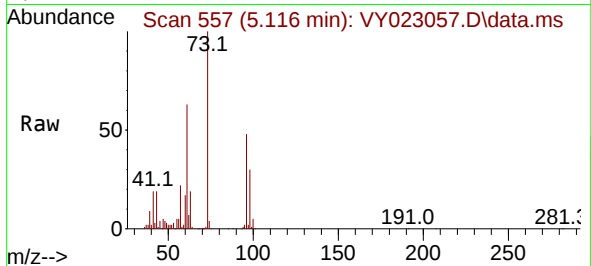




#19
Methyl tert-butyl Ether
Concen: 49.899 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

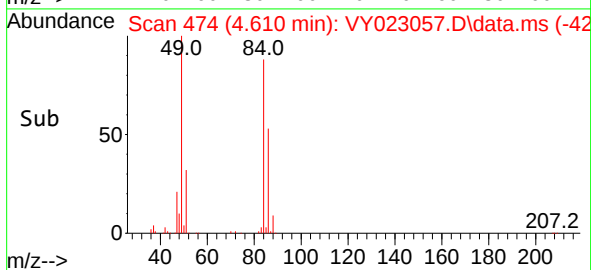
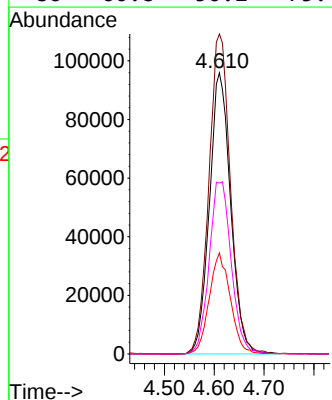
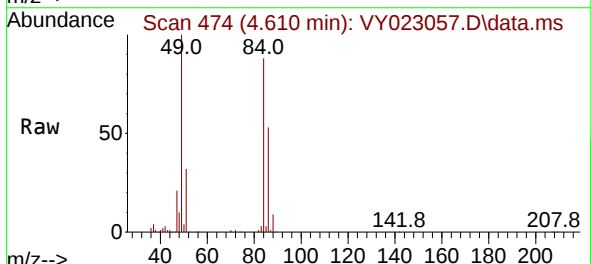
Instrument :
MSVOA_Y
ClientSampleId :

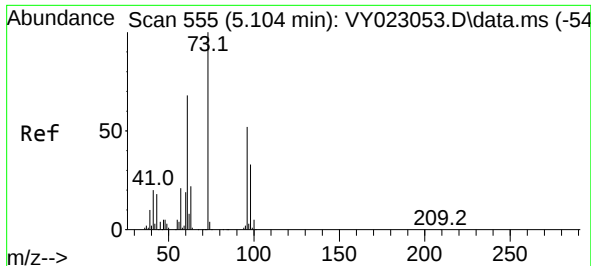
Tgt Ion: 73 Resp: 658713
Ion Ratio Lower Upper
73 100
57 21.5 17.1 25.7



#20
Methylene Chloride
Concen: 49.960 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Tgt Ion: 84 Resp: 283386
Ion Ratio Lower Upper
84 100
49 113.8 93.0 139.6
51 36.0 29.0 43.4
86 60.8 50.2 75.4

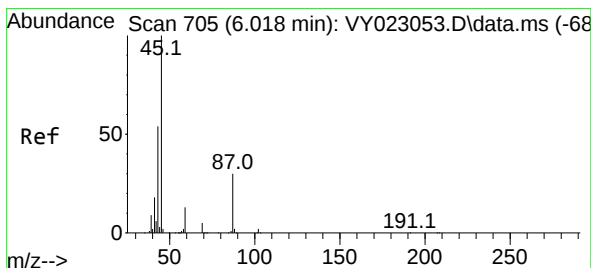
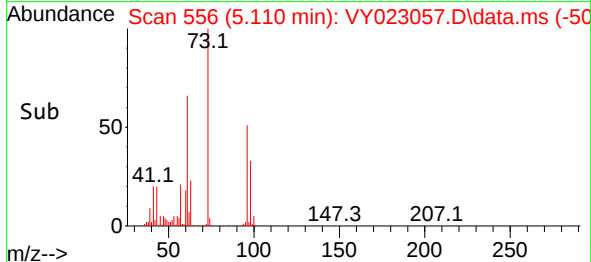
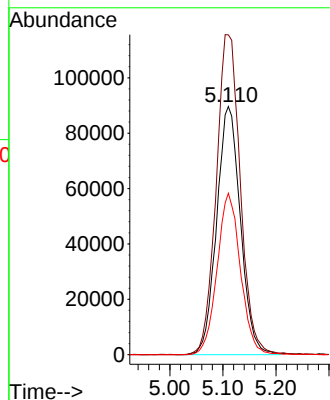
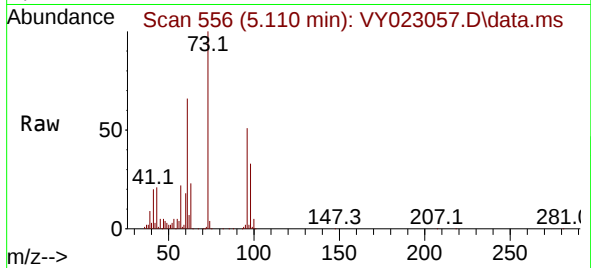




#21
trans-1,2-Dichloroethene
Concen: 48.765 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

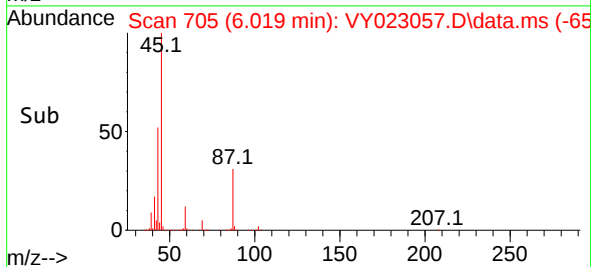
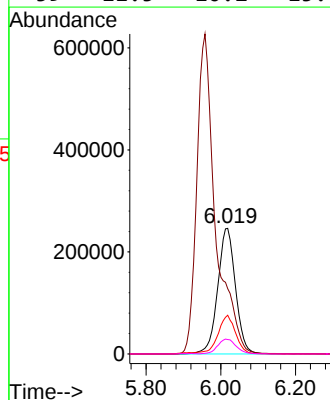
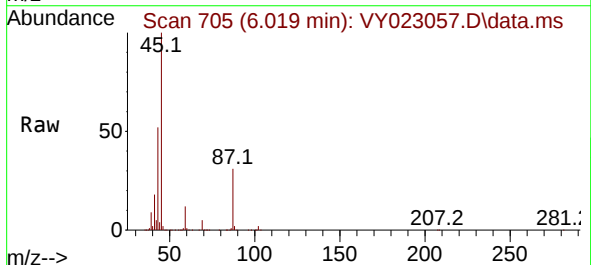
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 279182
Ion Ratio Lower Upper
96 100
61 128.9 104.8 157.2
98 65.0 50.1 75.1



#22
Diisopropyl ether
Concen: 50.011 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Tgt Ion: 45 Resp: 814622
Ion Ratio Lower Upper
45 100
43 51.7 43.4 65.0
87 30.8 24.4 36.6
59 11.5 10.2 15.4

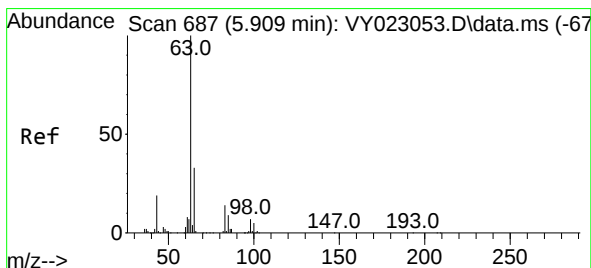
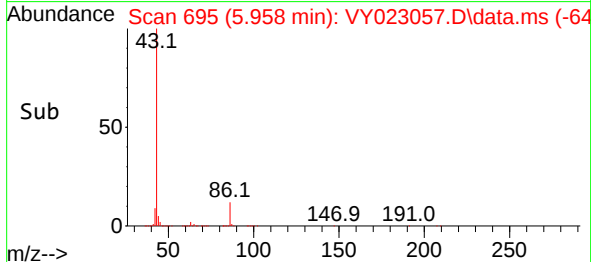
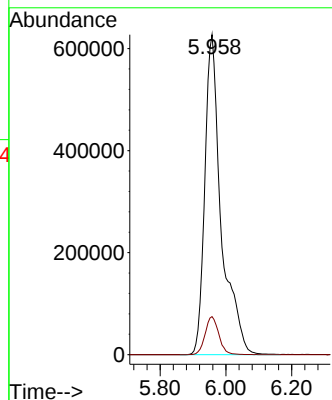
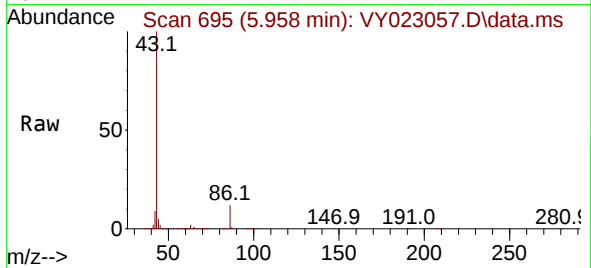




#23
 Vinyl Acetate
 Concen: 242.360 ug/l
 RT: 5.958 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023057.D
 Acq: 12 Aug 2025 17:53

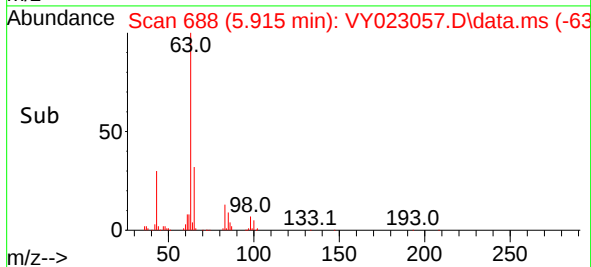
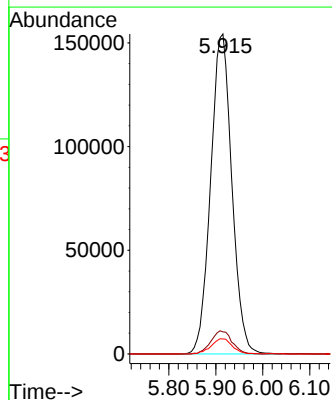
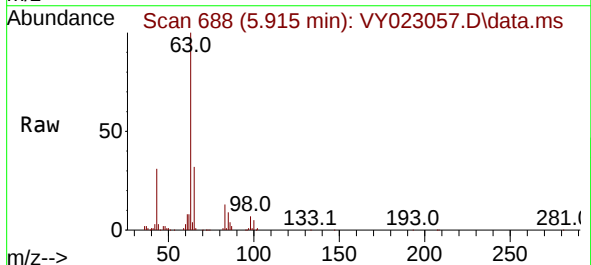
Instrument :
 MSVOA_Y
 ClientSampleId :

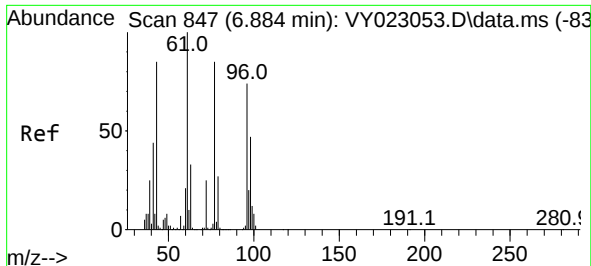
Tgt Ion: 43 Resp: 2182924
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 48.551 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023057.D
 Acq: 12 Aug 2025 17:53

Tgt Ion: 63 Resp: 483509
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 230.028 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Instrument :

MSVOA_Y

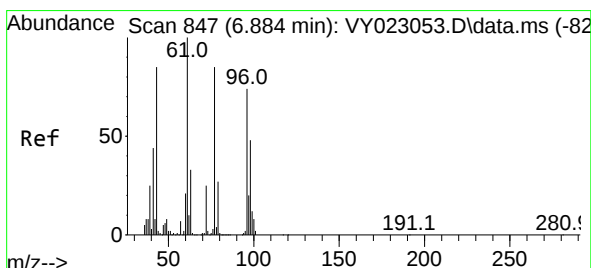
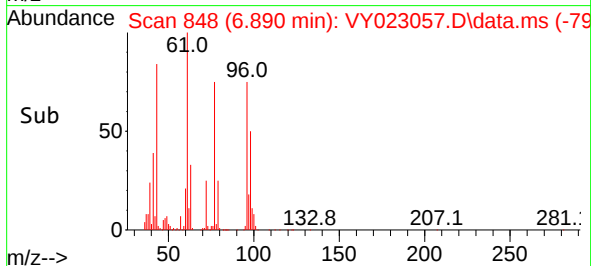
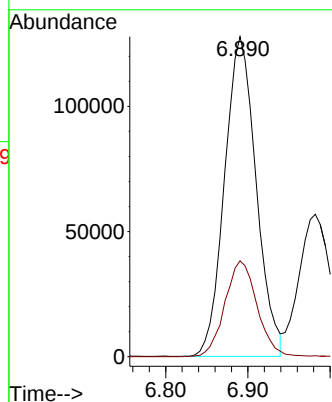
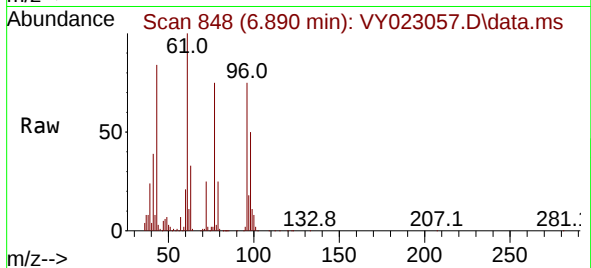
ClientSampleId :

Tgt Ion: 43 Resp: 341490

Ion Ratio Lower Upper

43 100

72 30.0 23.5 35.3



#26

2,2-Dichloropropane

Concen: 45.475 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY023057.D

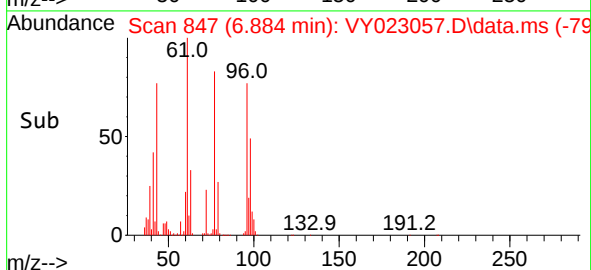
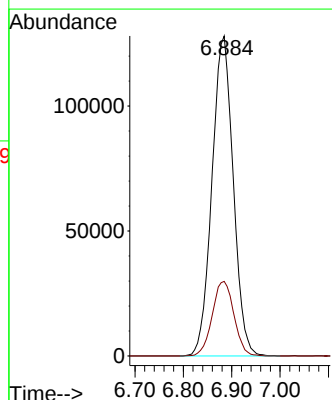
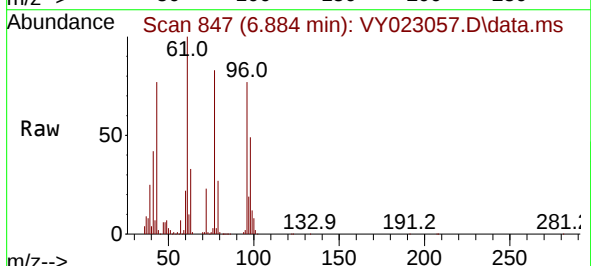
Acq: 12 Aug 2025 17:53

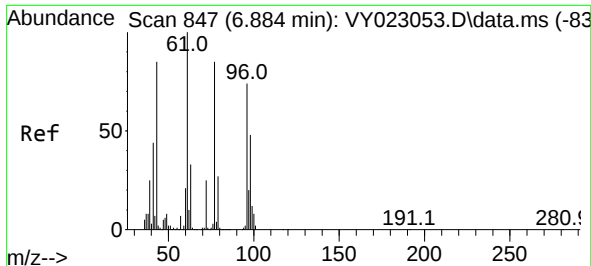
Tgt Ion: 77 Resp: 390777

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 48.720 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

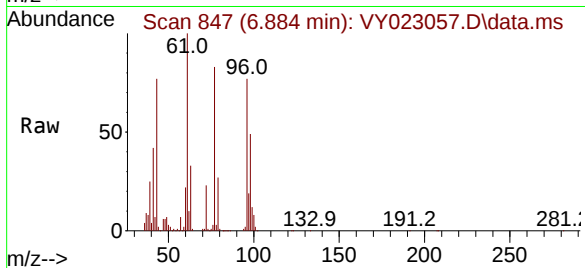
Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Instrument :

MSVOA_Y

ClientSampleId :



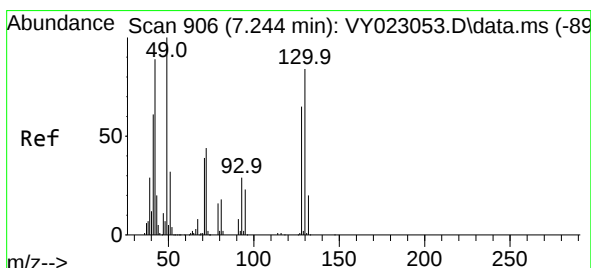
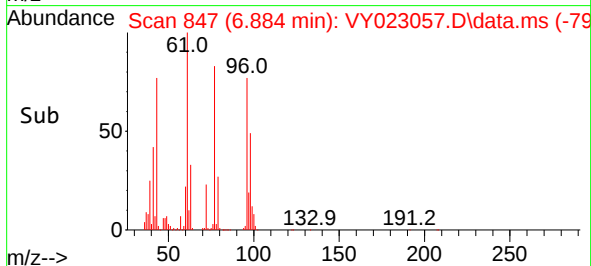
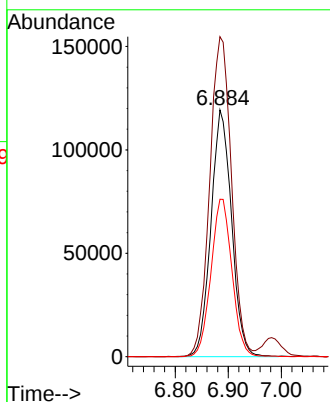
Tgt Ion: 96 Resp: 322451

Ion Ratio Lower Upper

96 100

61 136.9 0.0 278.6

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 50.275 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

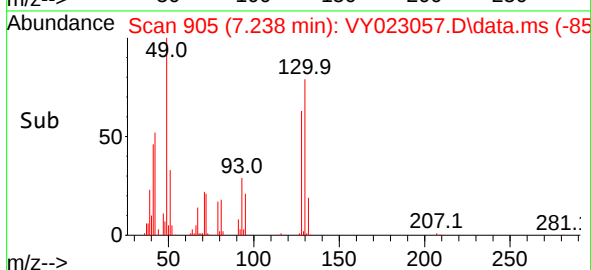
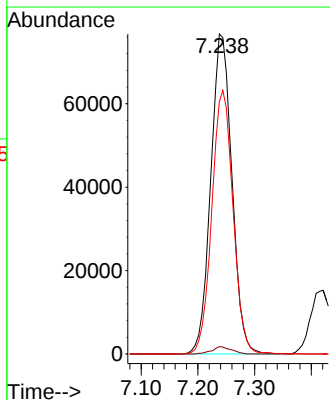
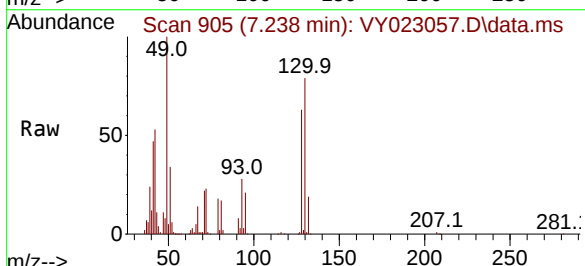
Tgt Ion: 49 Resp: 198640

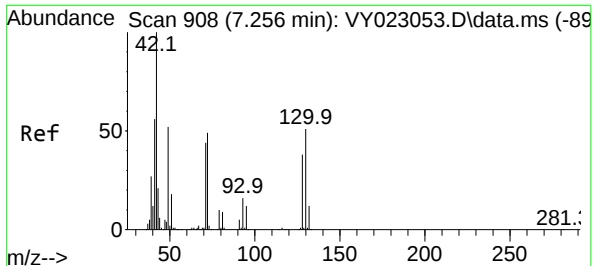
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 82.6 66.4 99.6





#29

Tetrahydrofuran

Concen: 247.420 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Instrument :

MSVOA_Y

ClientSampleId :

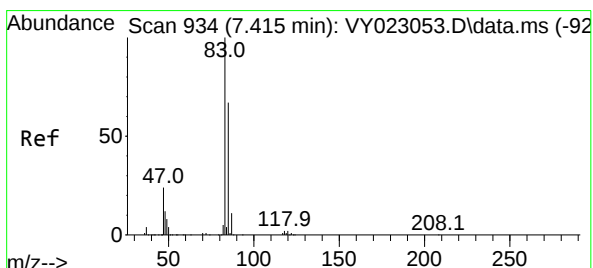
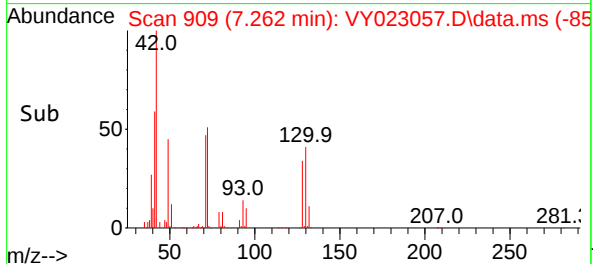
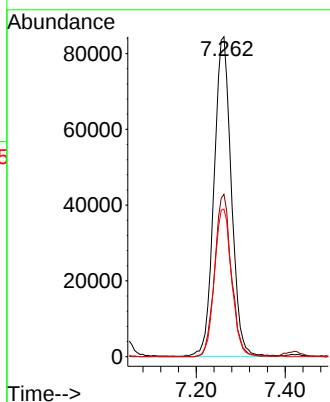
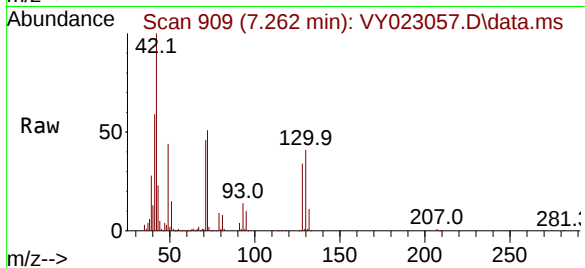
Tgt Ion: 42 Resp: 227680

Ion Ratio Lower Upper

42 100

72 49.3 39.4 59.2

71 45.7 36.5 54.7



#30

Chloroform

Concen: 48.450 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023057.D

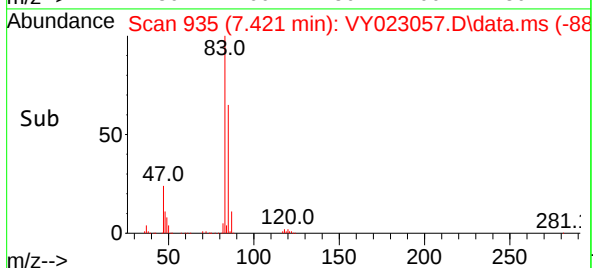
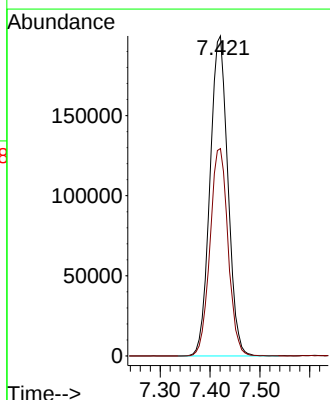
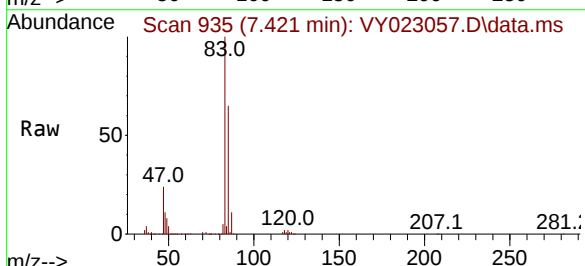
Acq: 12 Aug 2025 17:53

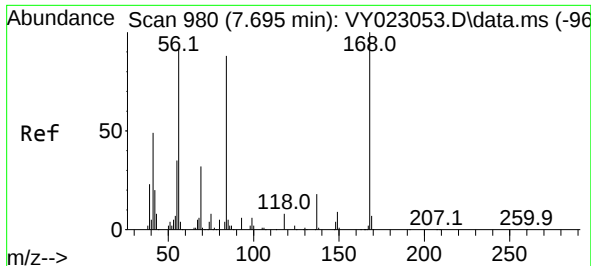
Tgt Ion: 83 Resp: 497627

Ion Ratio Lower Upper

83 100

85 64.8 53.8 80.8

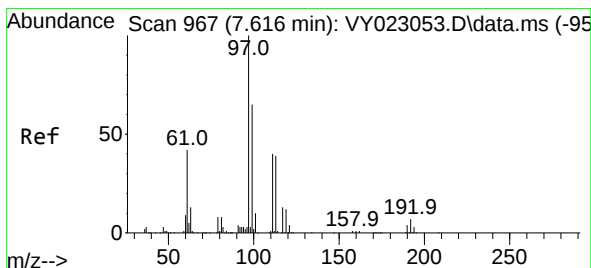
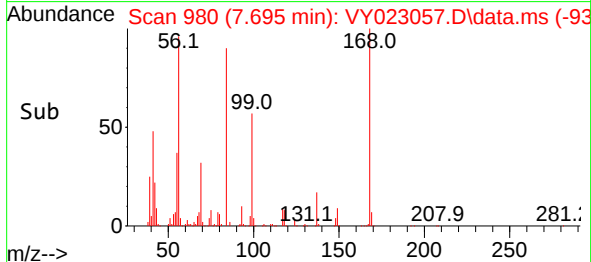
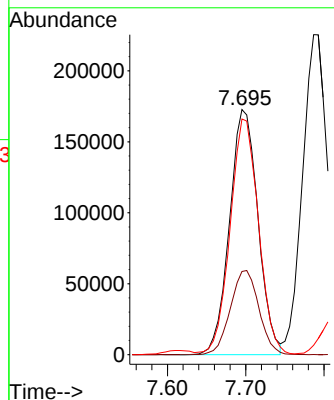
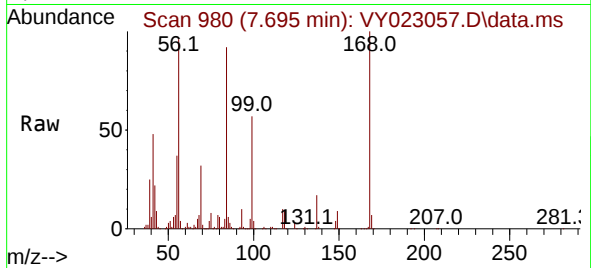




#31
Cyclohexane
Concen: 46.526 ug/l
RT: 7.695 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

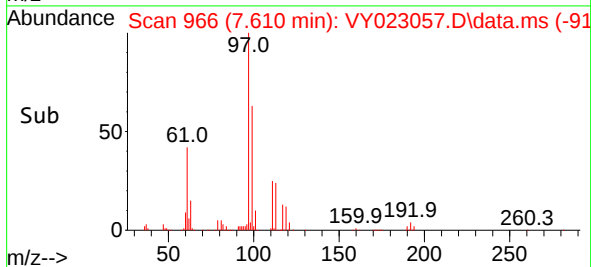
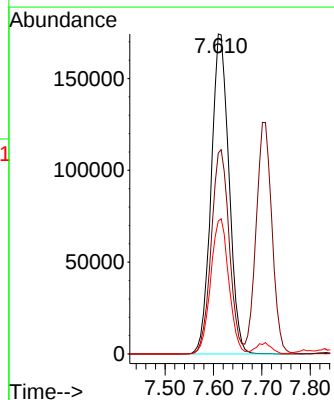
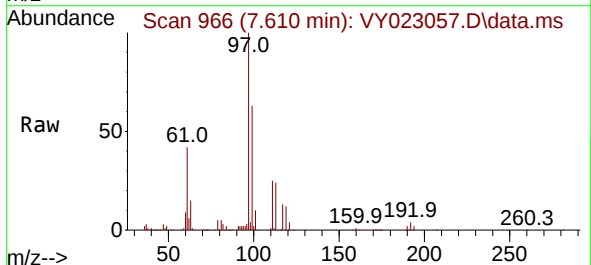
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 436638
Ion Ratio Lower Upper
56 100
69 33.9 28.2 42.2
84 94.5 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 48.933 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Tgt Ion: 97 Resp: 445943
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 43.0 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 50.038 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Instrument :

MSVOA_Y

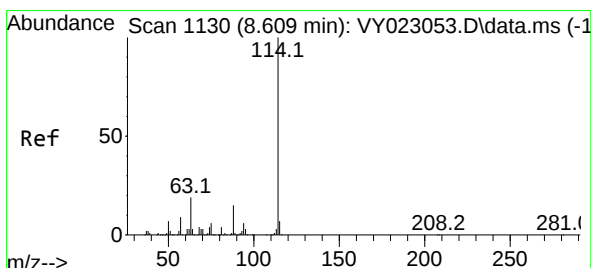
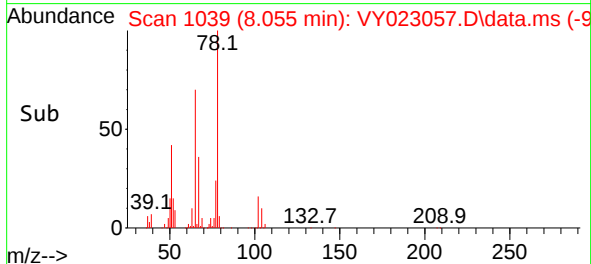
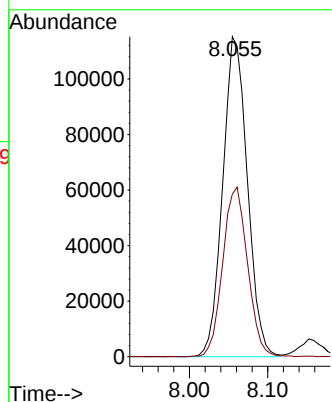
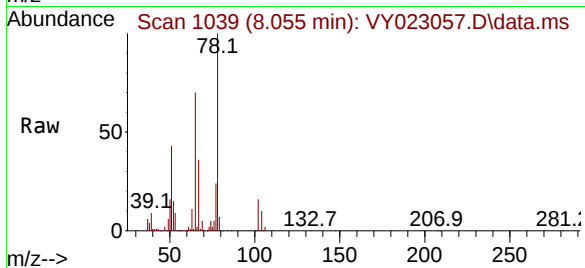
ClientSampleId :

Tgt Ion: 65 Resp: 252116

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

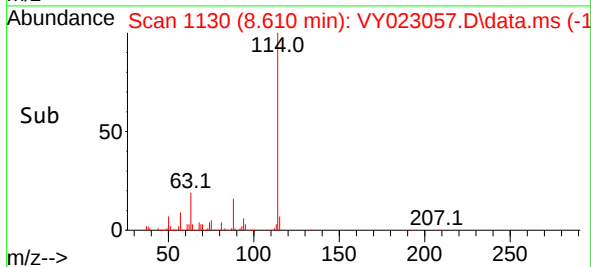
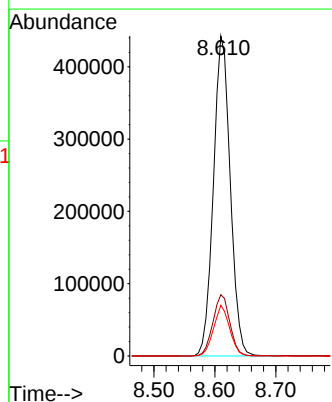
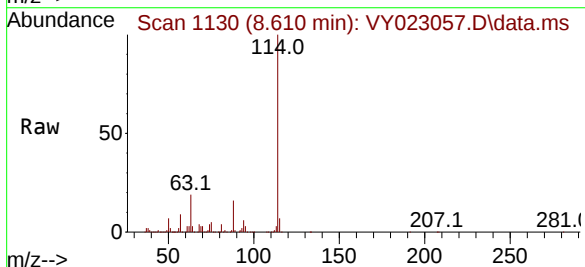
Tgt Ion: 114 Resp: 849851

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.4

88 15.9 0.0 30.0

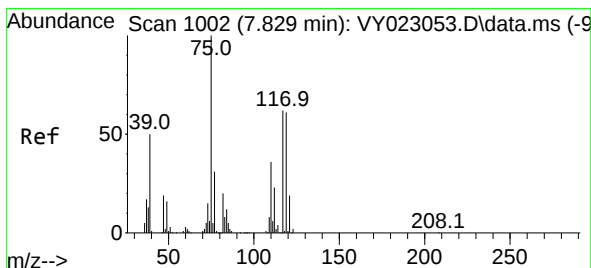
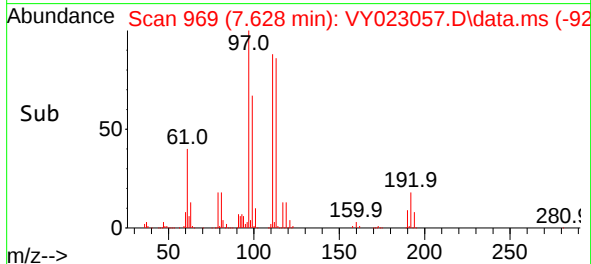
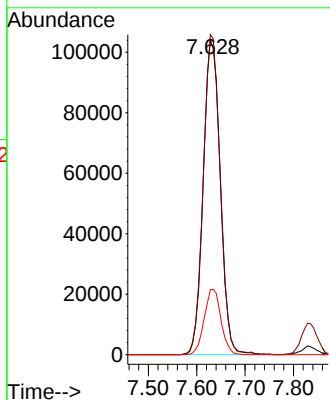
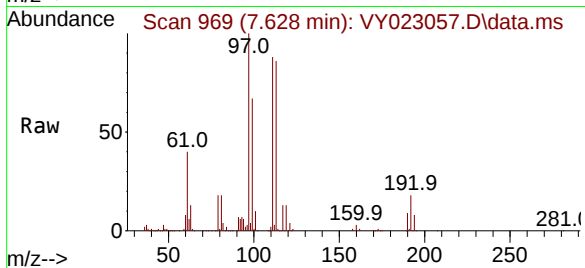




#35
Dibromofluoromethane
Concen: 50.179 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

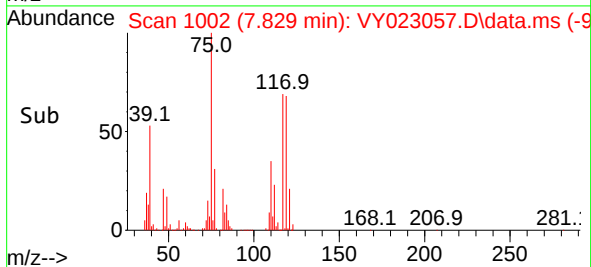
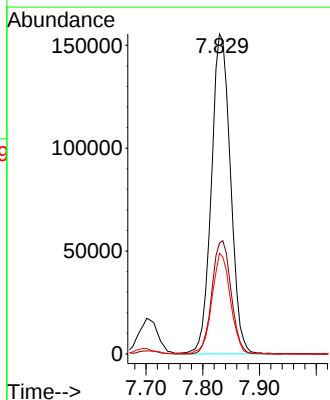
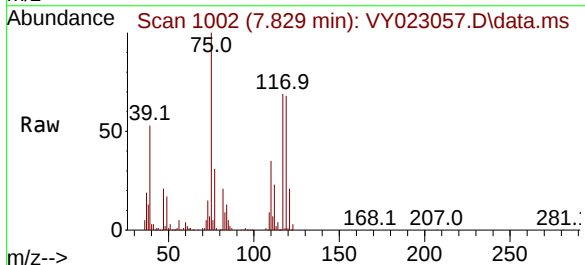
Instrument :
MSVOA_Y
ClientSampleId :

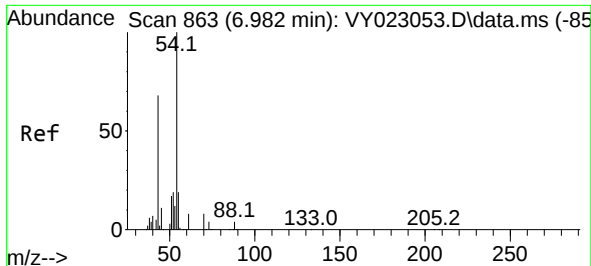
Tgt Ion:113 Resp: 255171
Ion Ratio Lower Upper
113 100
111 101.3 81.1 121.7
192 20.4 16.2 24.4



#36
1,1-Dichloropropene
Concen: 48.193 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Tgt Ion: 75 Resp: 364210
Ion Ratio Lower Upper
75 100
110 35.4 18.1 54.4
77 30.6 24.6 37.0





#37

Ethyl Acetate

Concen: 49.621 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Instrument :

MSVOA_Y

ClientSampleId :

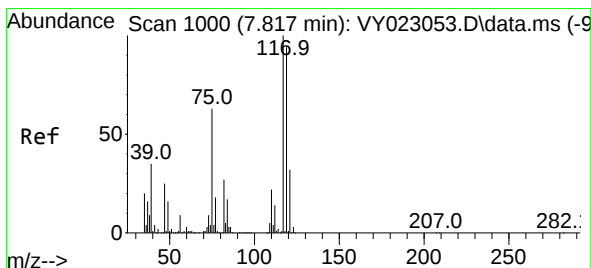
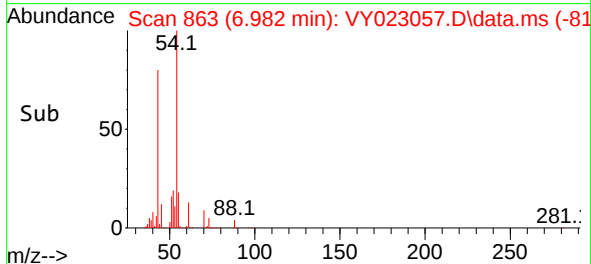
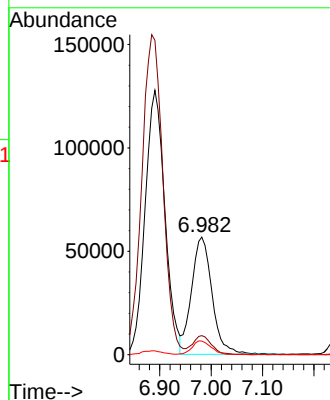
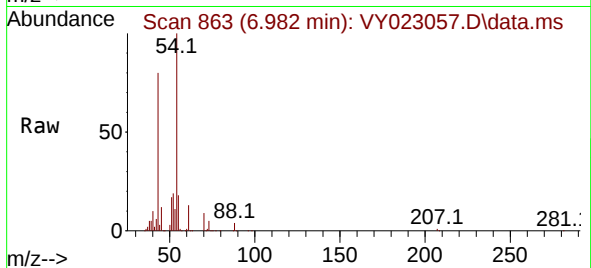
Tgt Ion: 43 Resp: 157530

Ion Ratio Lower Upper

43 100

61 14.4 11.9 17.9

70 10.7 8.8 13.2



#38

Carbon Tetrachloride

Concen: 48.030 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

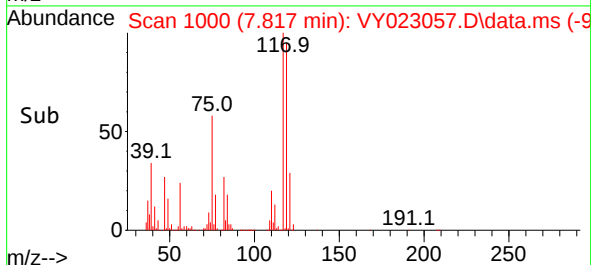
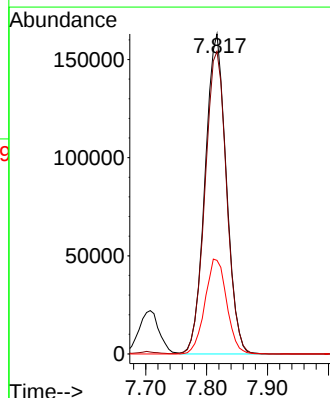
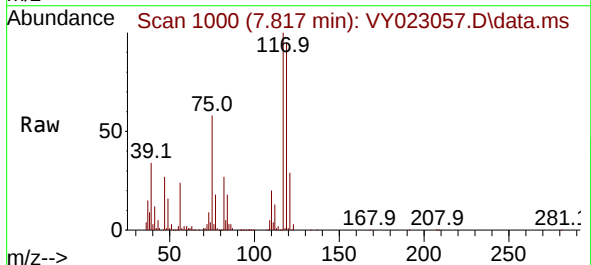
Tgt Ion: 117 Resp: 394245

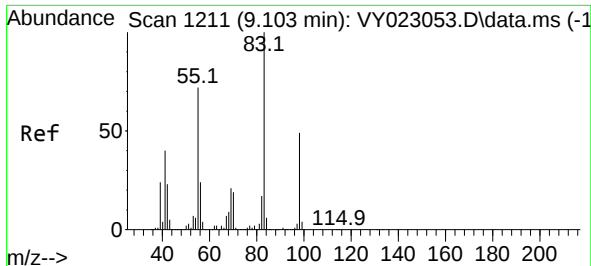
Ion Ratio Lower Upper

117 100

119 94.5 75.6 113.4

121 29.2 25.8 38.8





#39

Methylcyclohexane

Concen: 49.625 ug/l

RT: 9.103 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Instrument :

MSVOA_Y

ClientSampleId :

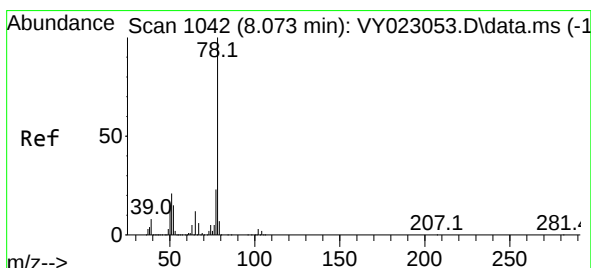
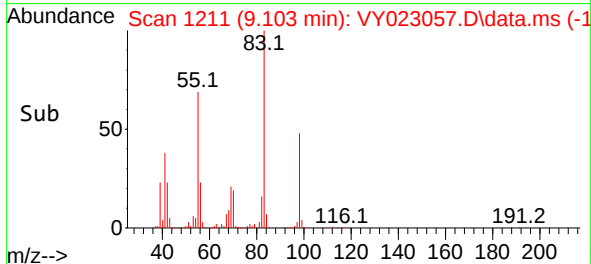
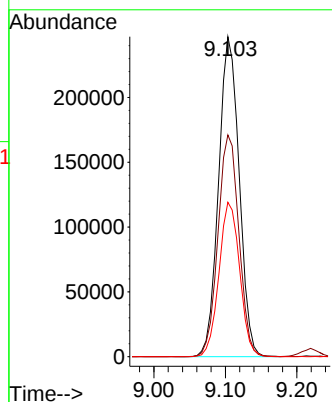
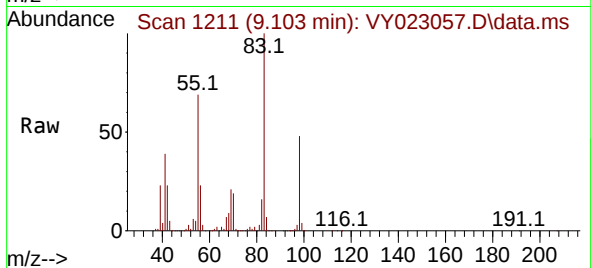
Tgt Ion: 83 Resp: 493867

Ion Ratio Lower Upper

83 100

55 69.3 57.6 86.4

98 48.2 39.2 58.8



#40

Benzene

Concen: 48.428 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY023057.D

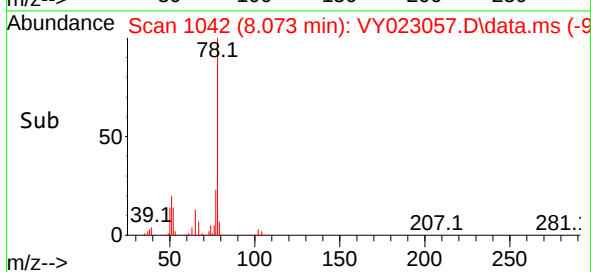
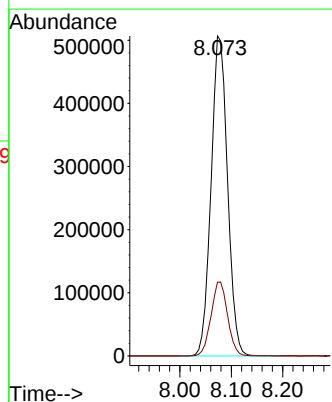
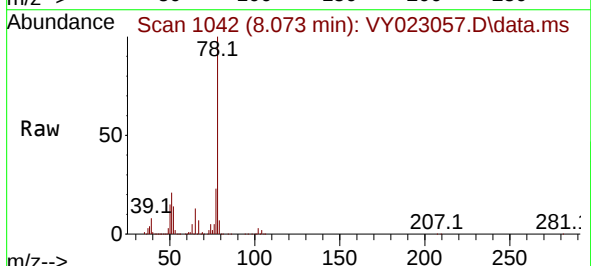
Acq: 12 Aug 2025 17:53

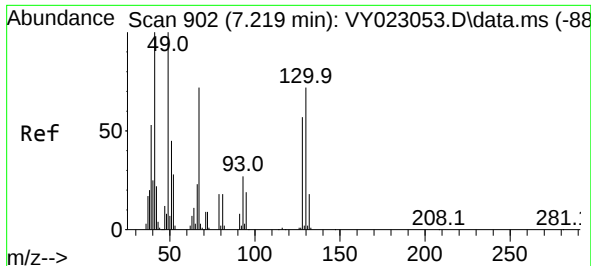
Tgt Ion: 78 Resp: 1128023

Ion Ratio Lower Upper

78 100

77 23.1 18.6 28.0

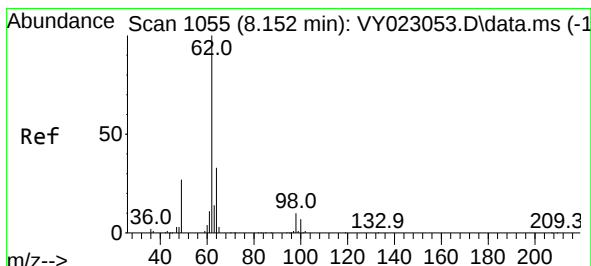
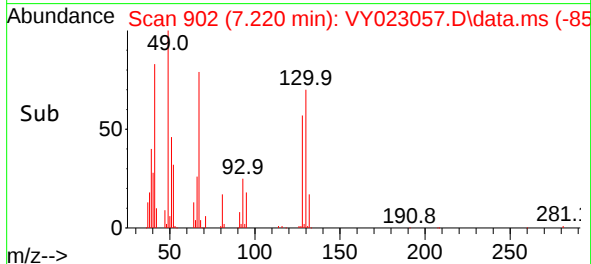
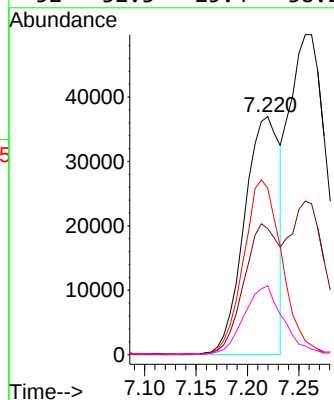
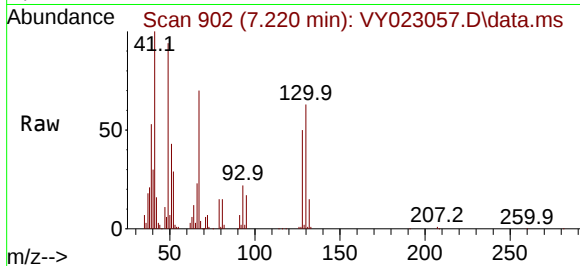




#41
Methacrylonitrile
Concen: 48.269 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

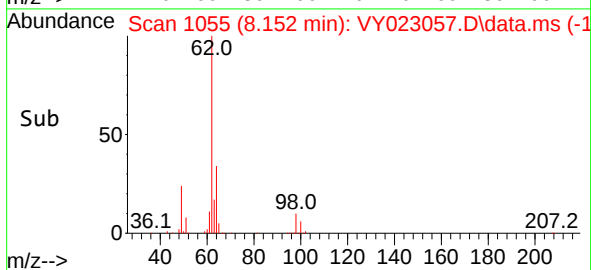
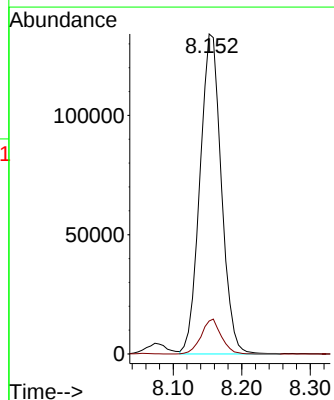
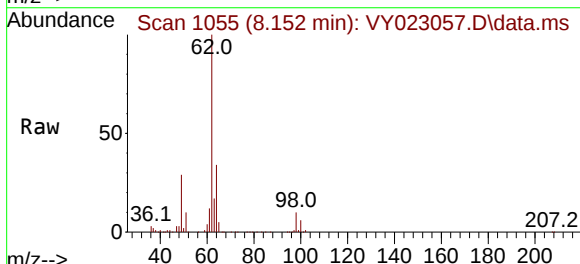
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41	Resp: 88437
Ion Ratio	Lower Upper
41 100	
39 53.9	43.4 65.2
67 80.6	63.6 95.4
52 32.3	25.4 38.2



#42
1,2-Dichloroethane
Concen: 48.162 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Tgt Ion: 62	Resp: 291766
Ion Ratio	Lower Upper
62 100	
98 10.1	0.0 20.6





#43

Isopropyl Acetate

Concen: 49.094 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Instrument :

MSVOA_Y

ClientSampleId :

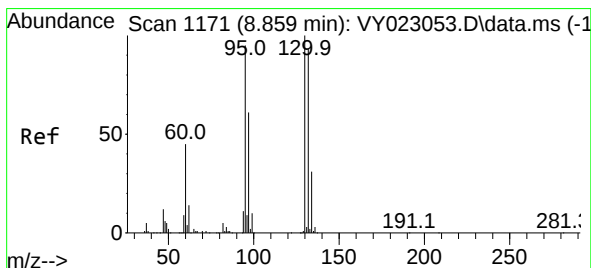
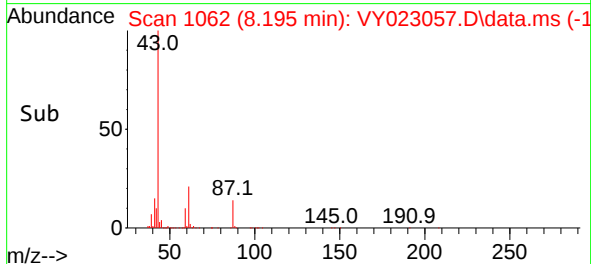
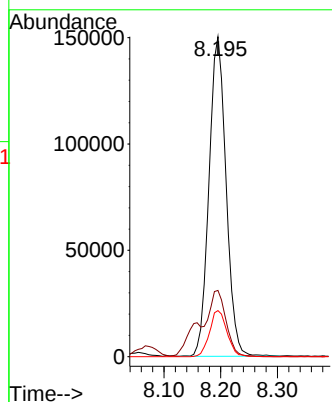
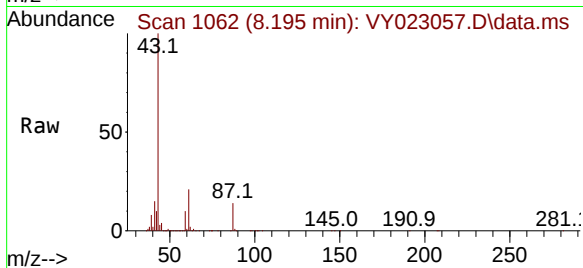
Tgt Ion: 43 Resp: 315013

Ion Ratio Lower Upper

43 100

61 22.0 16.4 24.6

87 14.7 11.8 17.6



#44

Trichloroethene

Concen: 47.803 ug/l

RT: 8.860 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VY023057.D

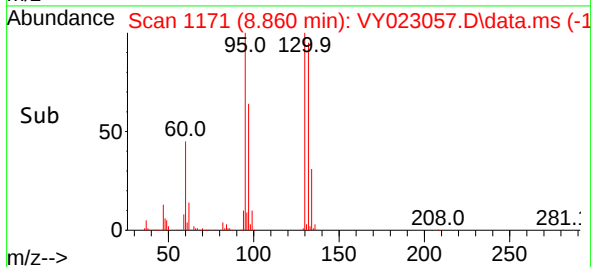
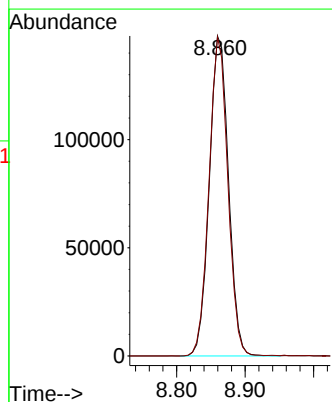
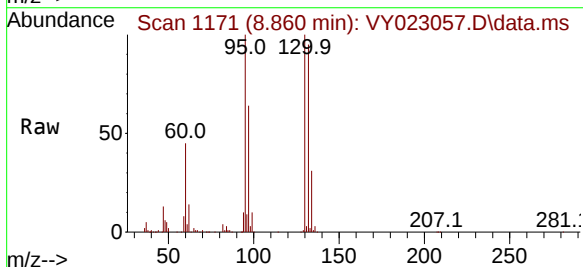
Acq: 12 Aug 2025 17:53

Tgt Ion:130 Resp: 287745

Ion Ratio Lower Upper

130 100

95 99.7 0.0 190.2





#45

1,2-Dichloropropane

Concen: 48.961 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Instrument :

MSVOA_Y

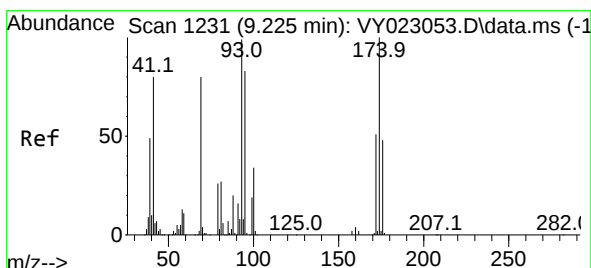
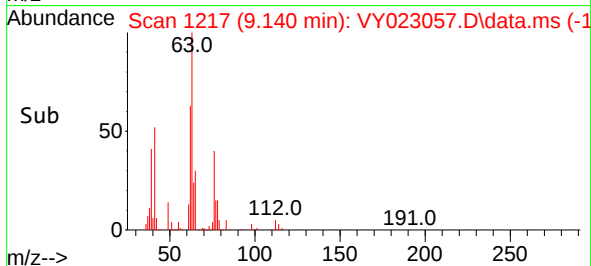
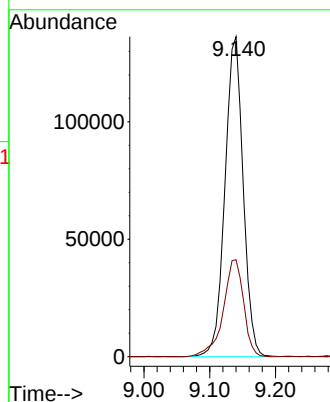
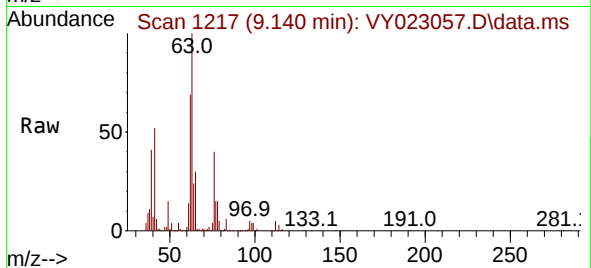
ClientSampleId :

Tgt Ion: 63 Resp: 262408

Ion Ratio Lower Upper

63 100

65 30.3 25.3 37.9



#46

Dibromomethane

Concen: 48.679 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

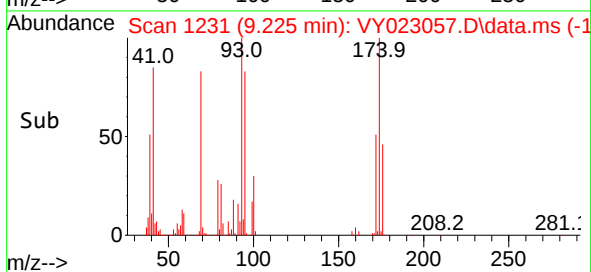
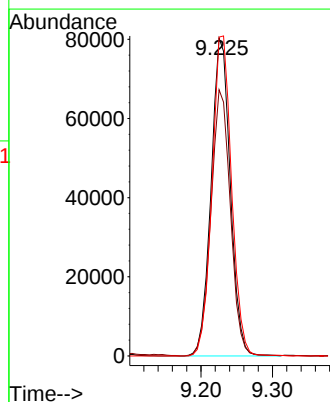
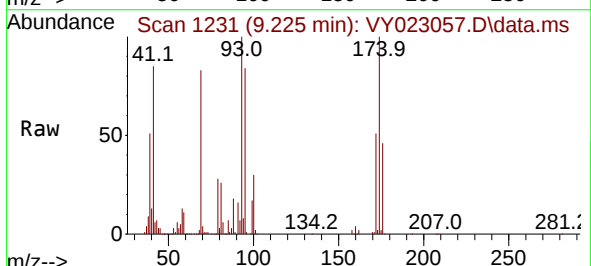
Tgt Ion: 93 Resp: 149745

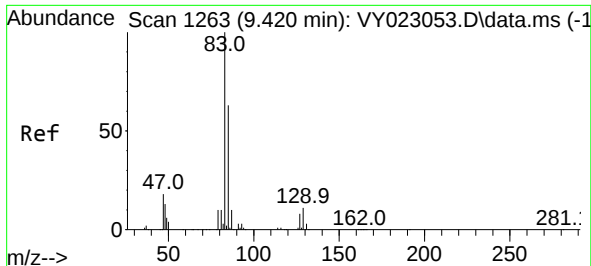
Ion Ratio Lower Upper

93 100

95 84.9 66.5 99.7

174 102.5 81.8 122.8

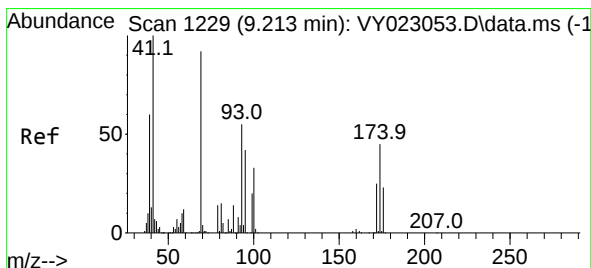
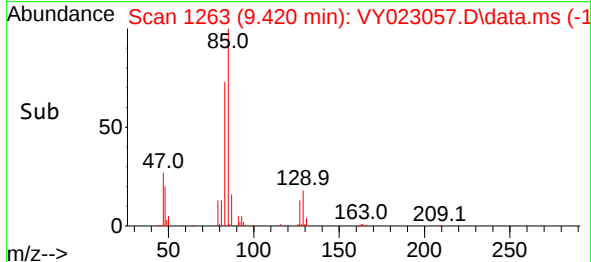
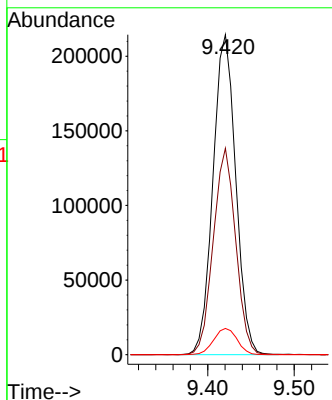
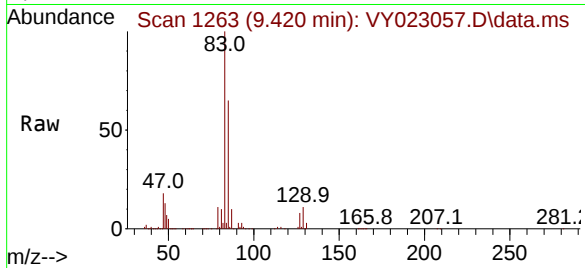




#47
Bromodichloromethane
Concen: 49.463 ug/l
RT: 9.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

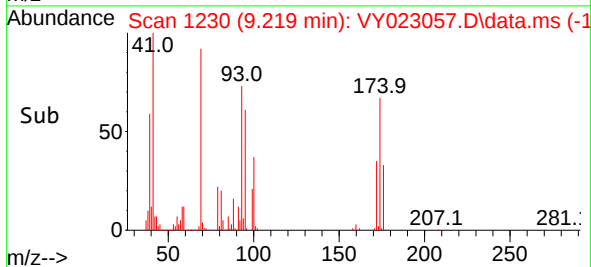
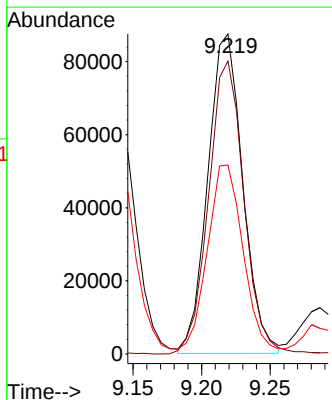
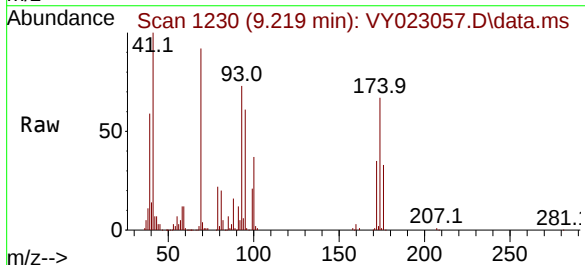
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 391522
Ion Ratio Lower Upper
83 100
85 64.5 50.2 75.4
127 8.2 6.6 10.0



#48
Methyl methacrylate
Concen: 50.520 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Tgt Ion: 41 Resp: 155118
Ion Ratio Lower Upper
41 100
69 92.7 73.2 109.8
39 57.8 47.0 70.4





#49

1,4-Dioxane

Concen: 971.749 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Instrument :

MSVOA_Y

ClientSampleId :

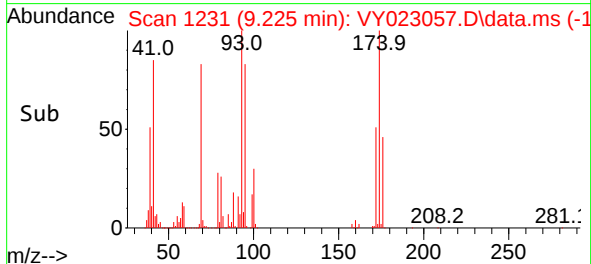
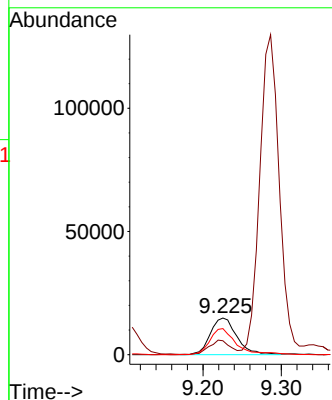
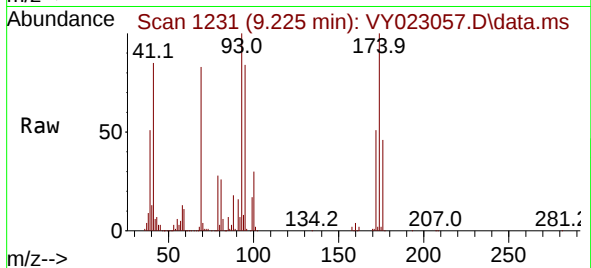
Tgt Ion: 88 Resp: 35050

Ion Ratio Lower Upper

88 100

43 30.2 24.3 36.5

58 70.9 55.4 83.0



#50

Toluene-d8

Concen: 49.306 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY023057.D

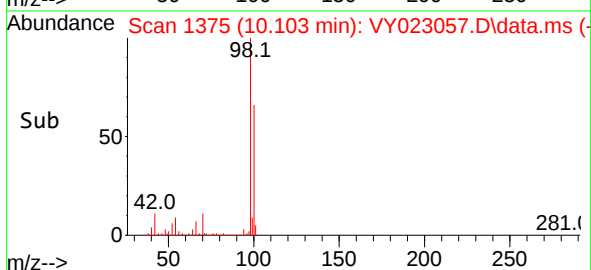
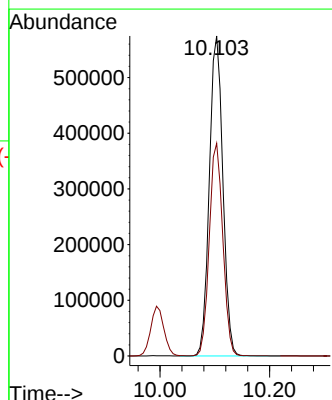
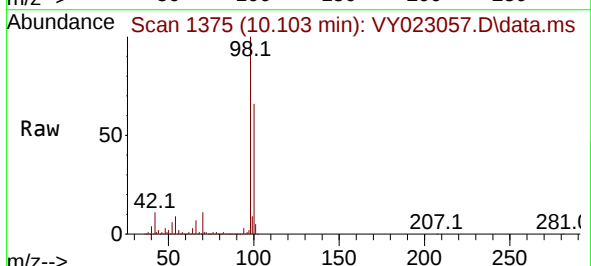
Acq: 12 Aug 2025 17:53

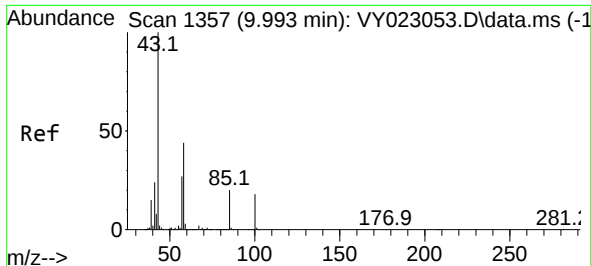
Tgt Ion: 98 Resp: 979510

Ion Ratio Lower Upper

98 100

100 66.4 52.3 78.5

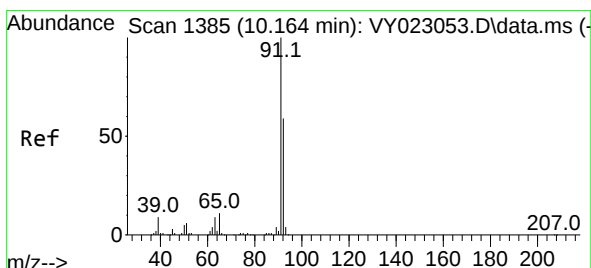
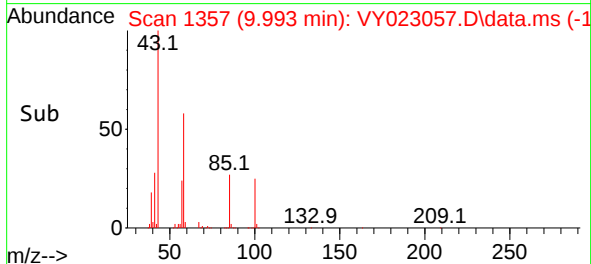
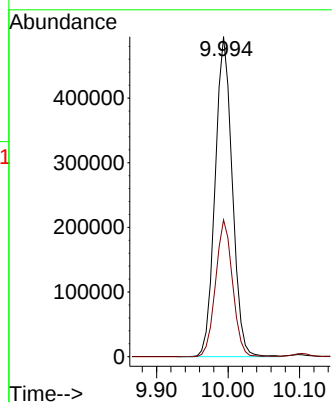
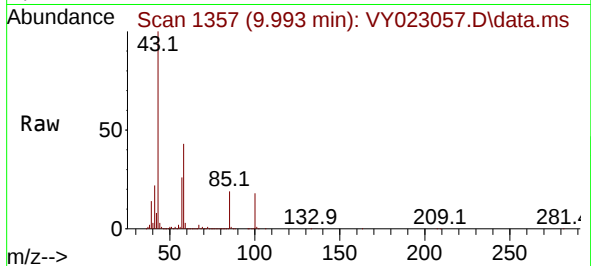




#51
4-Methyl-2-Pentanone
Concen: 248.943 ug/l
RT: 9.993 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

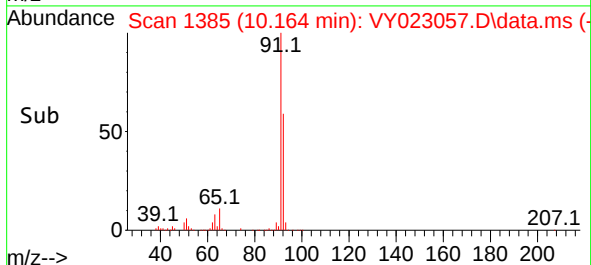
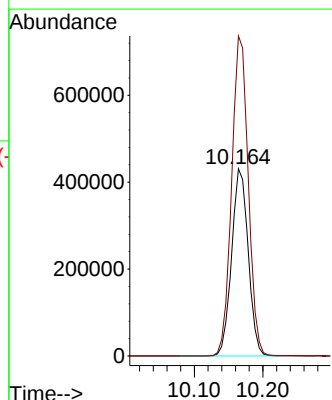
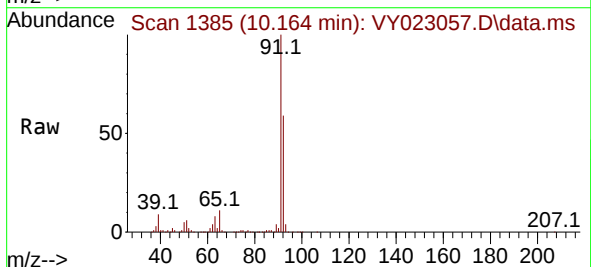
Instrument :
MSVOA_Y
ClientSampleId :

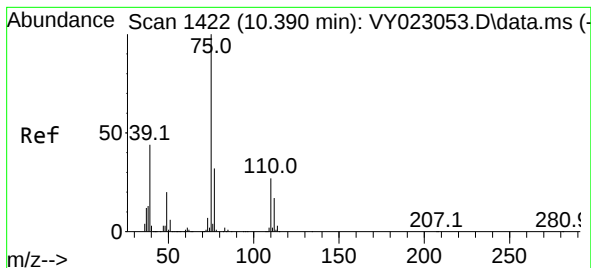
Tgt Ion: 43 Resp: 823949
Ion Ratio Lower Upper
43 100
58 42.3 33.5 50.3



#52
Toluene
Concen: 48.963 ug/l
RT: 10.164 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Tgt Ion: 92 Resp: 724356
Ion Ratio Lower Upper
92 100
91 171.1 136.4 204.6

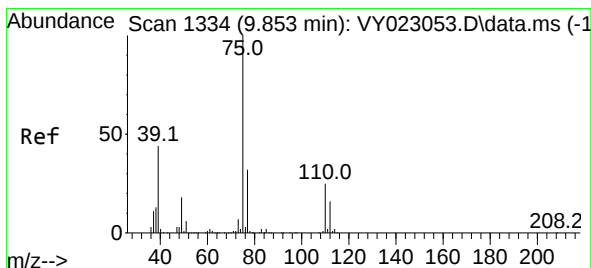
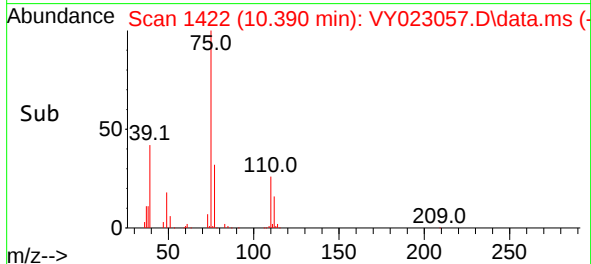
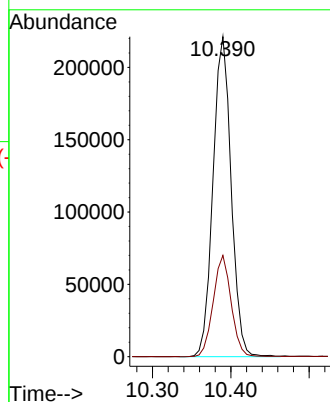
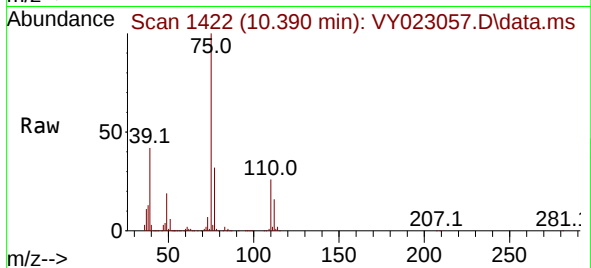




#53
 t-1,3-Dichloropropene
 Concen: 49.699 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY023057.D
 Acq: 12 Aug 2025 17:53

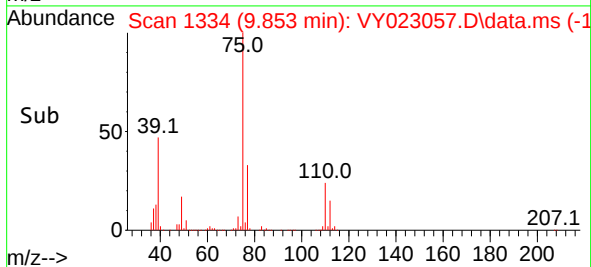
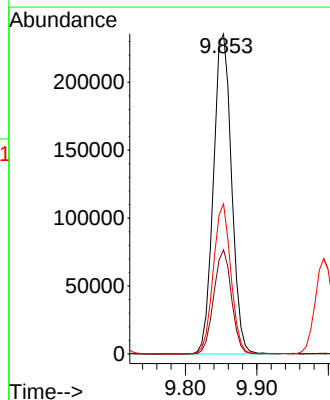
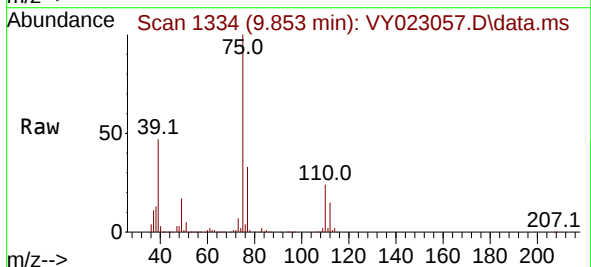
Instrument :
 MSVOA_Y
 ClientSampleId :

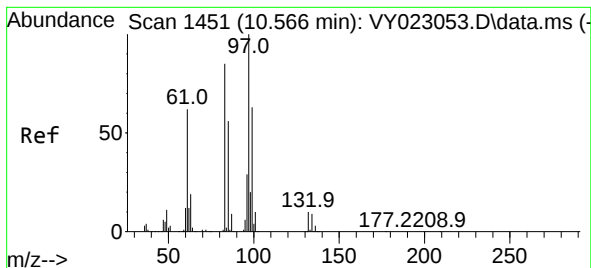
Tgt Ion: 75 Resp: 356228
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 48.965 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY023057.D
 Acq: 12 Aug 2025 17:53

Tgt Ion: 75 Resp: 415017
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0
 39 46.8 35.6 53.4



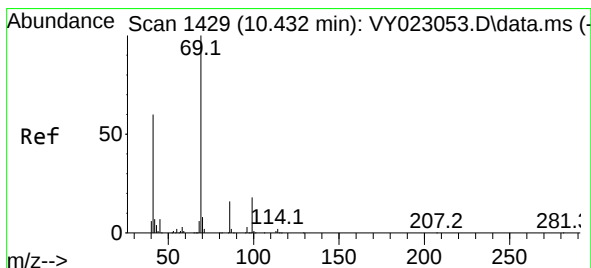
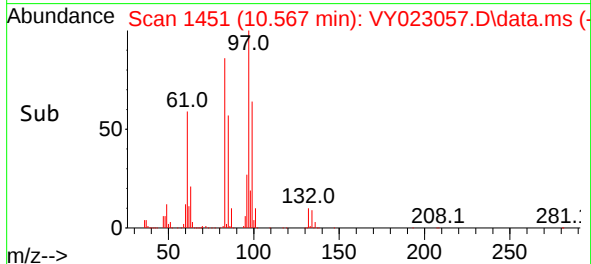
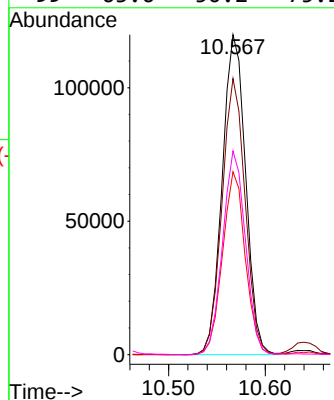
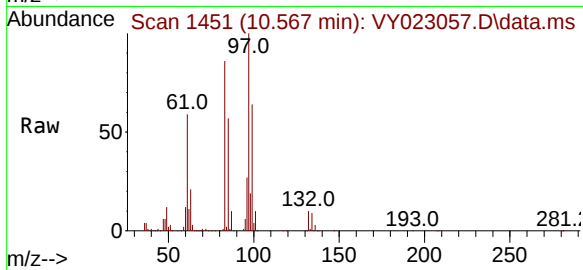


#55
1,1,2-Trichloroethane
Concen: 48.867 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 97 Resp: 201146

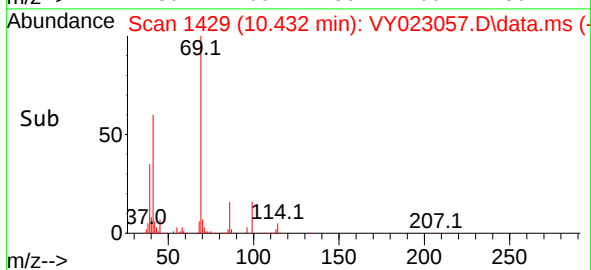
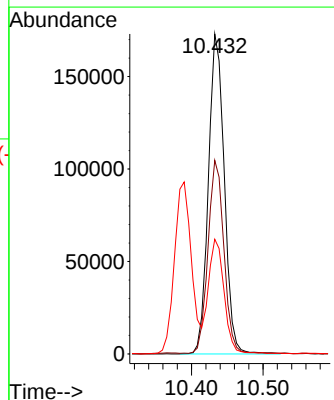
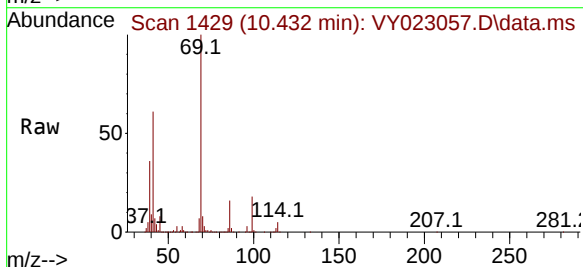
Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.7	101.5
85	57.1	44.5	66.7
99	63.6	50.2	75.2

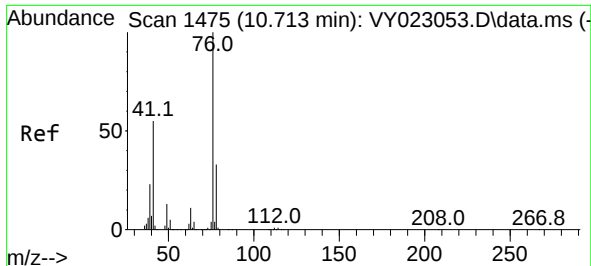


#56
Ethyl methacrylate
Concen: 50.779 ug/l
RT: 10.432 min Scan# 1429
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Tgt Ion: 69 Resp: 267458

Ion	Ratio	Lower	Upper
69	100		
41	60.8	48.6	72.8
39	35.0	27.0	40.4





#57

1,3-Dichloropropane

Concen: 49.228 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Instrument :

MSVOA_Y

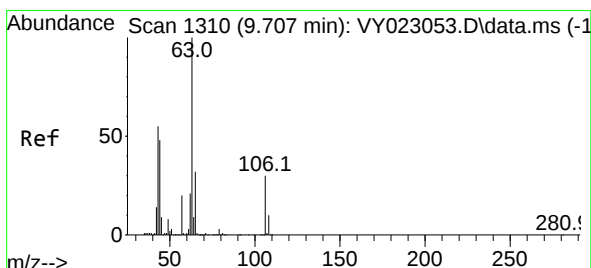
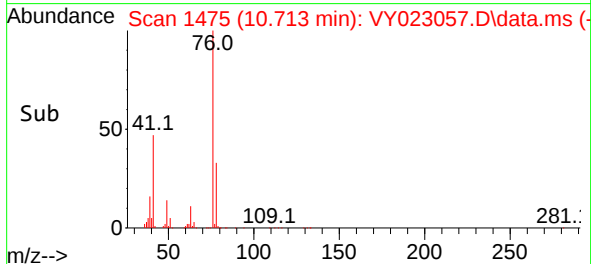
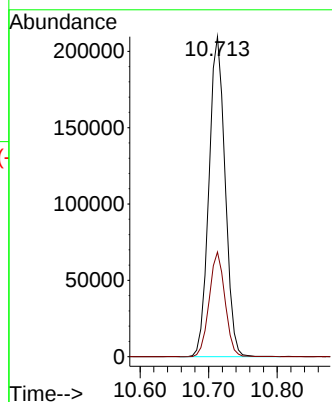
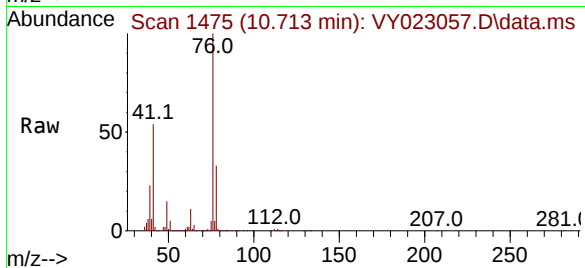
ClientSampleId :

Tgt Ion: 76 Resp: 343649

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 273.240 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY023057.D

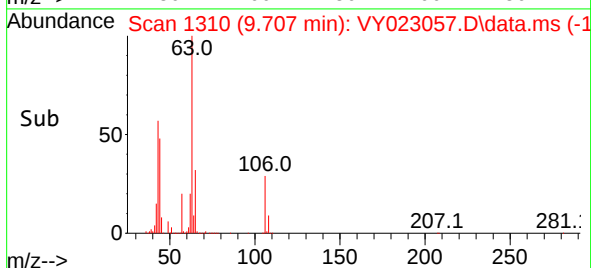
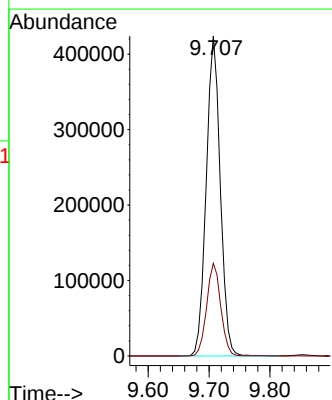
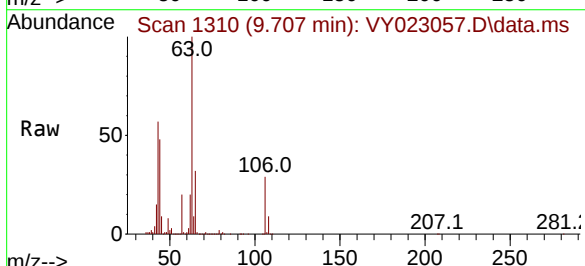
Acq: 12 Aug 2025 17:53

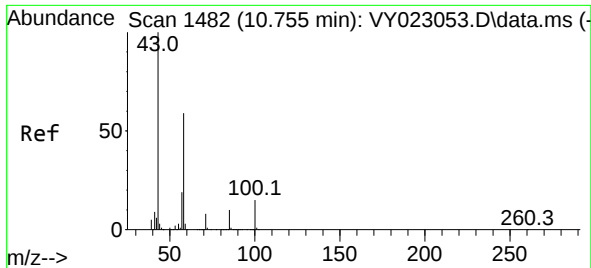
Tgt Ion: 63 Resp: 678865

Ion Ratio Lower Upper

63 100

106 29.1 23.2 34.8

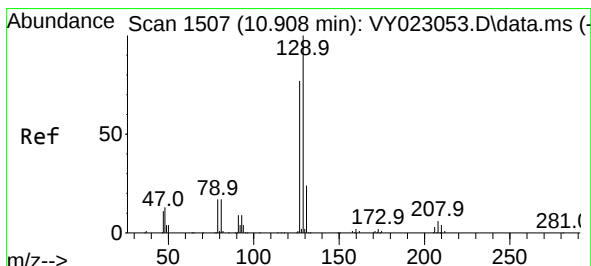
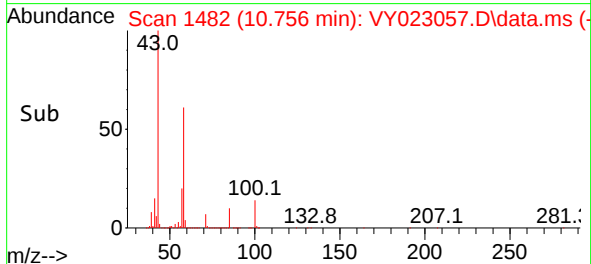
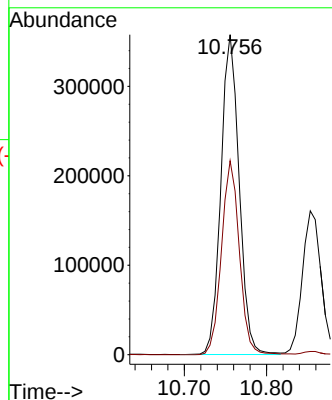
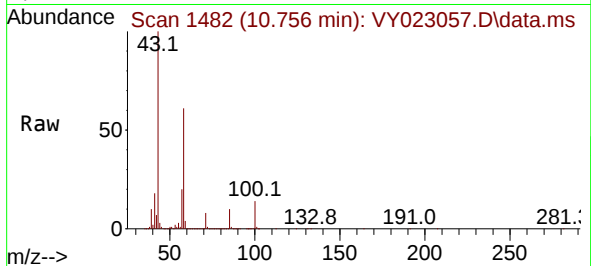




#59
2-Hexanone
Concen: 244.812 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

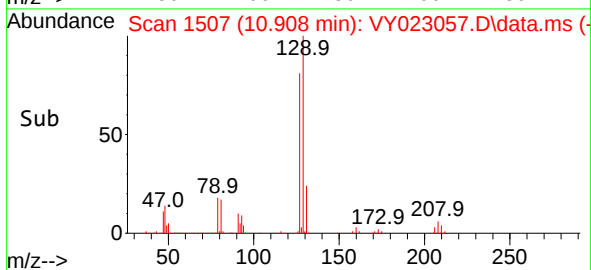
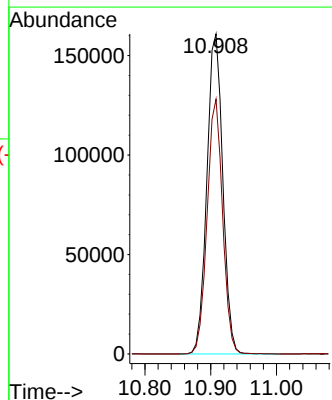
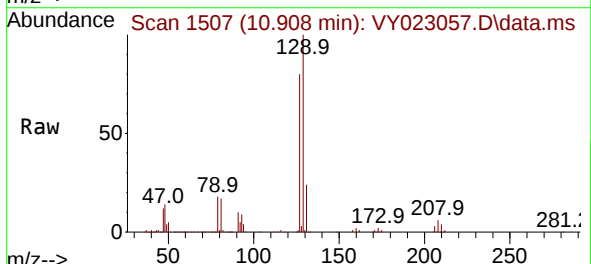
Instrument :
MSVOA_Y
ClientSampleId :

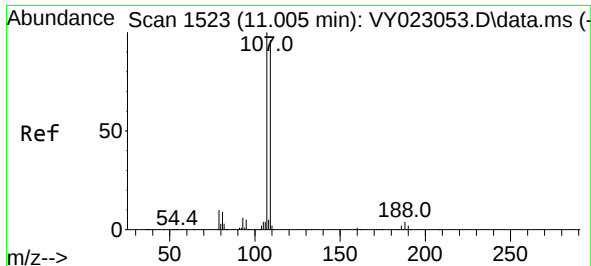
Tgt Ion: 43 Resp: 551743
Ion Ratio Lower Upper
43 100
58 59.5 29.5 88.5



#60
Dibromochloromethane
Concen: 49.810 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Tgt Ion:129 Resp: 270536
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

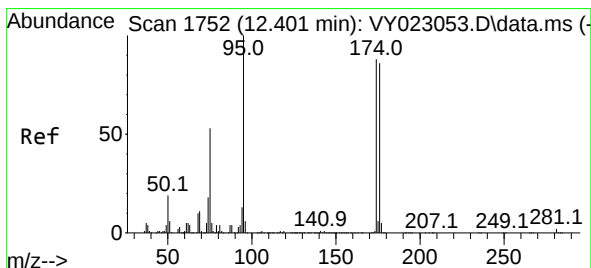
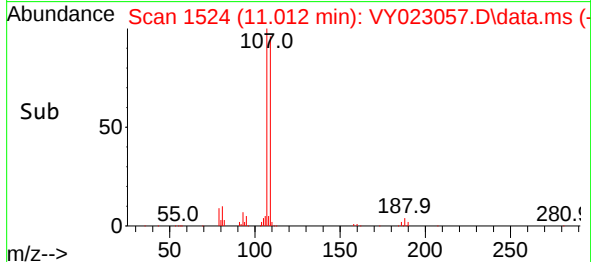
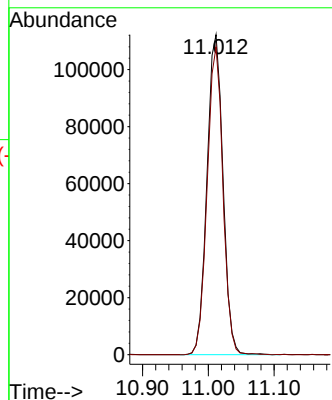
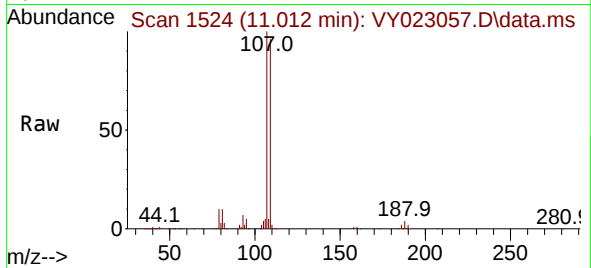




#61
1,2-Dibromoethane
Concen: 49.197 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

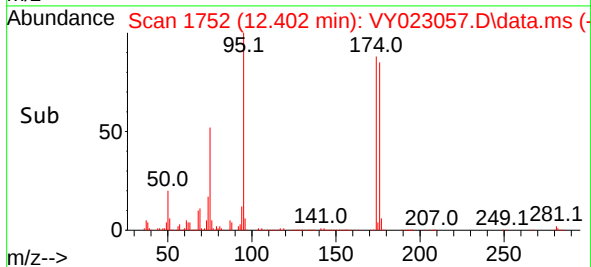
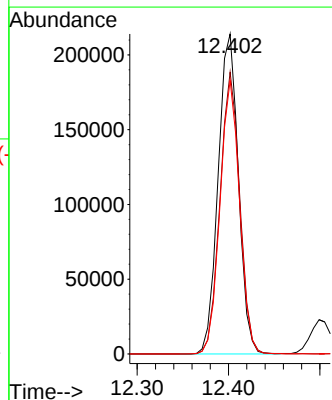
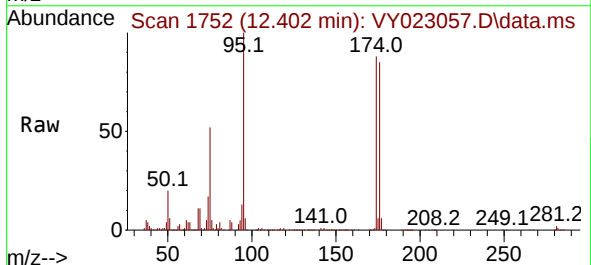
Instrument :
MSVOA_Y
ClientSampleId :

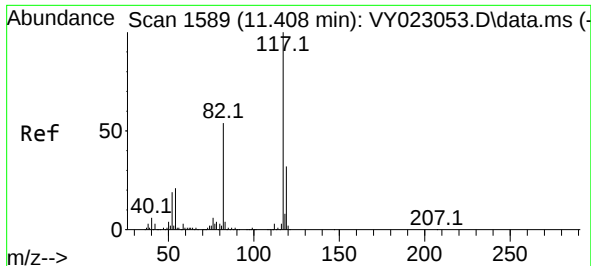
Tgt Ion:107 Resp: 190334
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.500 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Tgt Ion: 95 Resp: 329022
Ion Ratio Lower Upper
95 100
174 86.3 0.0 171.6
176 82.9 0.0 167.6

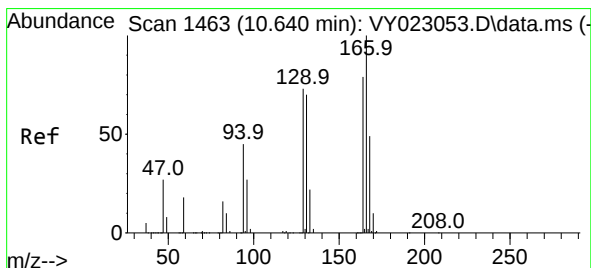
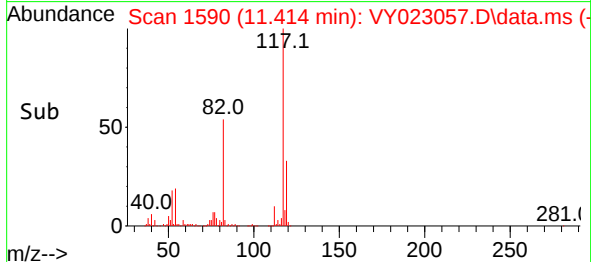
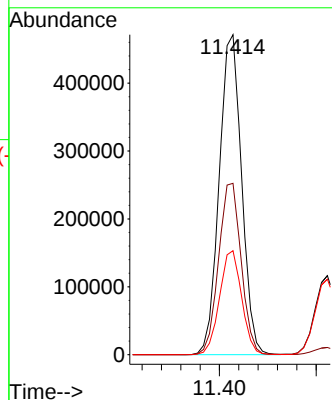
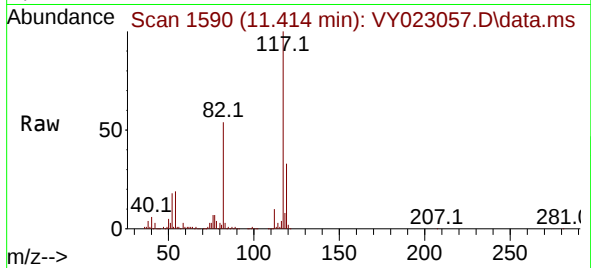




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

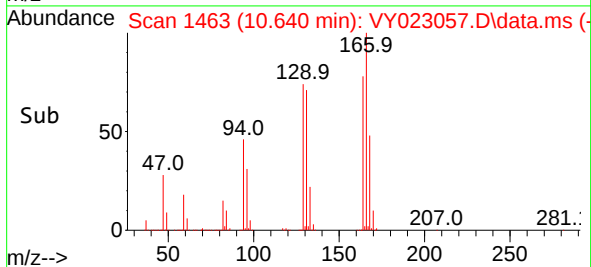
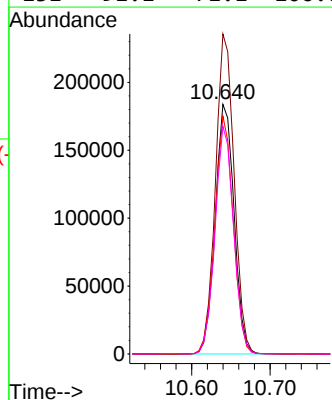
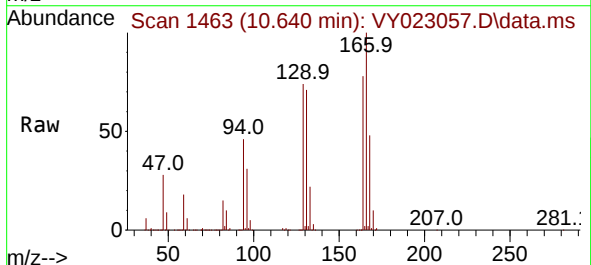
Instrument :
MSVOA_Y
ClientSampleId :

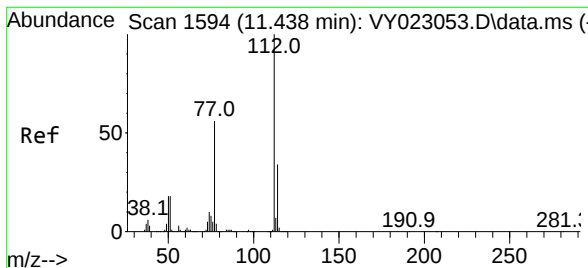
Tgt Ion:117 Resp: 756555
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 32.5 25.6 38.4



#64
Tetrachloroethene
Concen: 45.512 ug/l
RT: 10.640 min Scan# 1463
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Tgt Ion:164 Resp: 307456
Ion Ratio Lower Upper
164 100
166 128.2 101.1 151.7
129 95.3 74.0 111.0
131 91.1 71.1 106.7

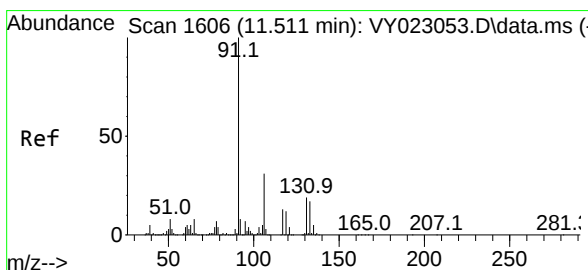
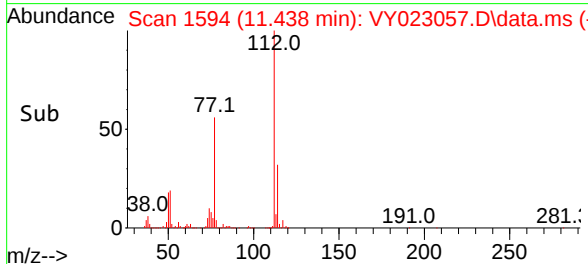
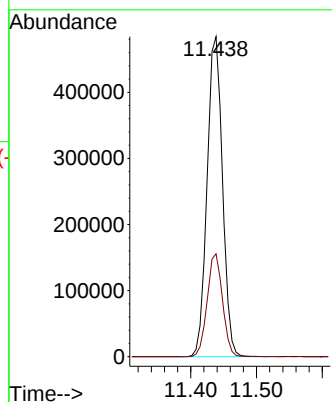
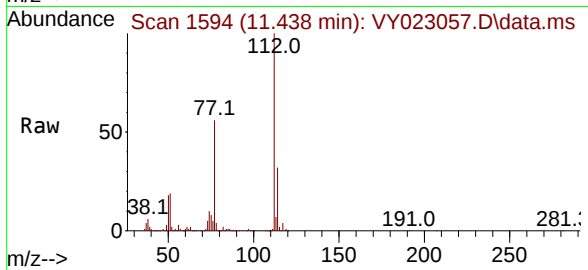




#65
Chlorobenzene
Concen: 48.275 ug/l
RT: 11.438 min Scan# 11594
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

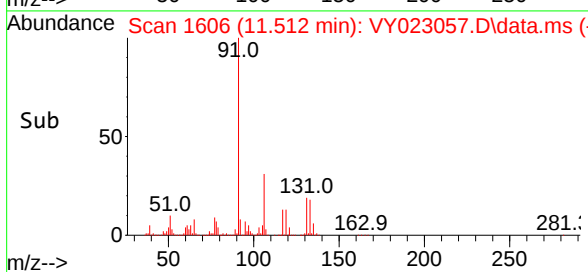
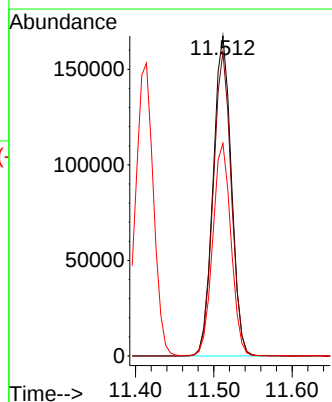
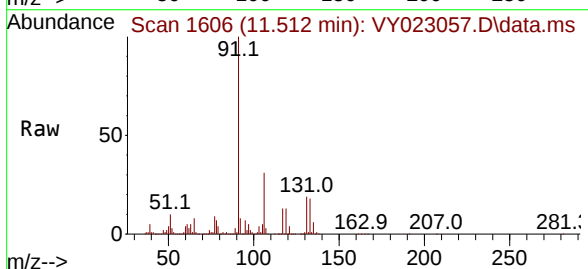
Instrument :
MSVOA_Y
ClientSampleId :

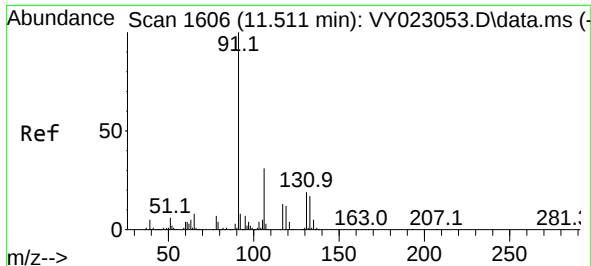
Tgt Ion:112 Resp: 787799
Ion Ratio Lower Upper
112 100
114 32.2 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.815 ug/l
RT: 11.512 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Tgt Ion:131 Resp: 270360
Ion Ratio Lower Upper
131 100
133 94.4 46.9 140.6
119 66.7 33.2 99.6





#67

Ethyl Benzene

Concen: 49.163 ug/l

RT: 11.512 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Instrument :

MSVOA_Y

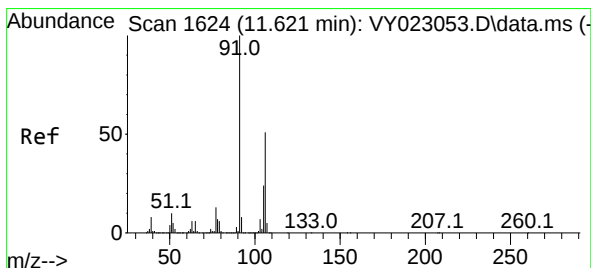
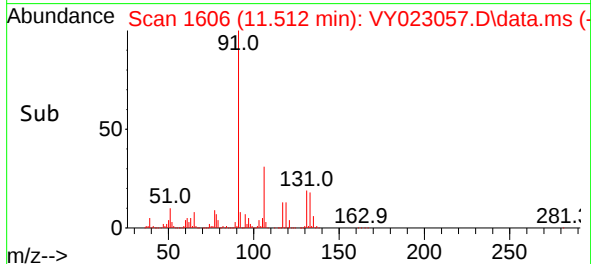
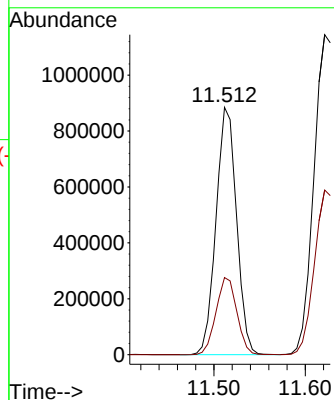
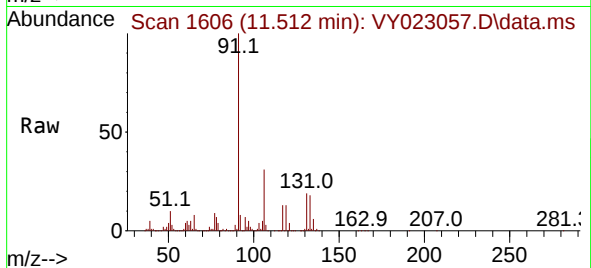
ClientSampleId :

Tgt Ion: 91 Resp: 1380648

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4



#68

m/p-Xylenes

Concen: 98.515 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. 0.000 min

Lab File: VY023057.D

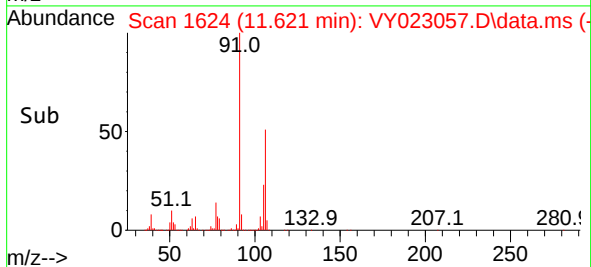
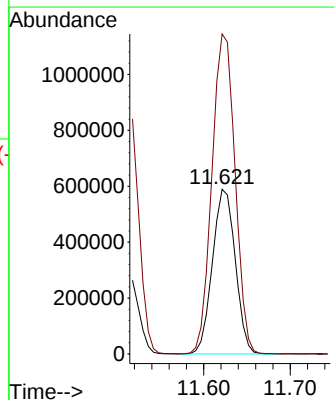
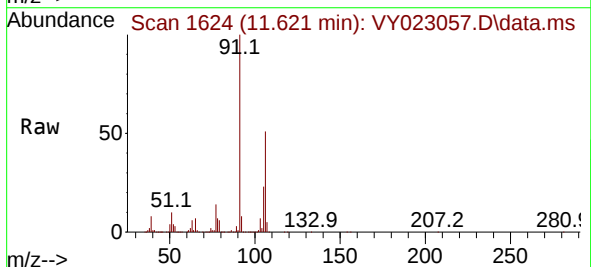
Acq: 12 Aug 2025 17:53

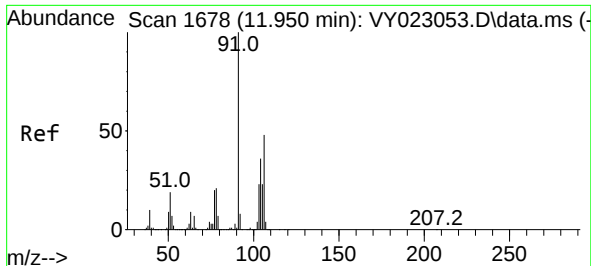
Tgt Ion:106 Resp: 1080541

Ion Ratio Lower Upper

106 100

91 197.0 158.6 238.0

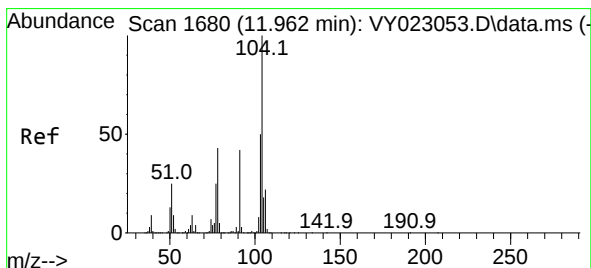
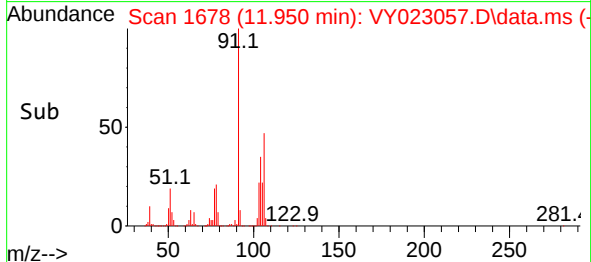
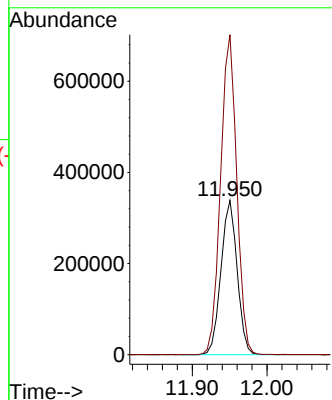
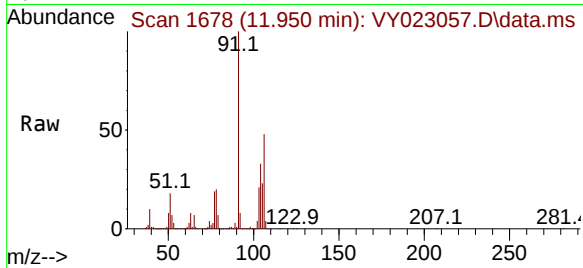




#69
o-Xylene
Concen: 49.645 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

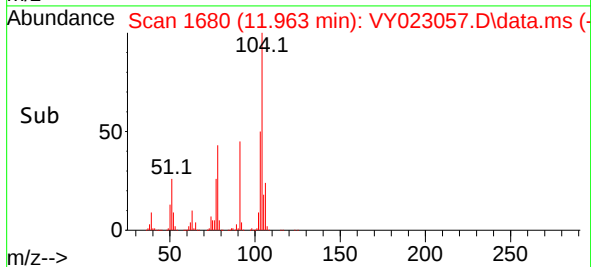
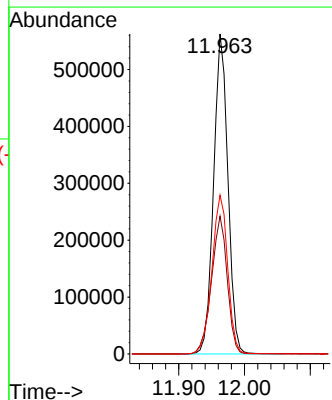
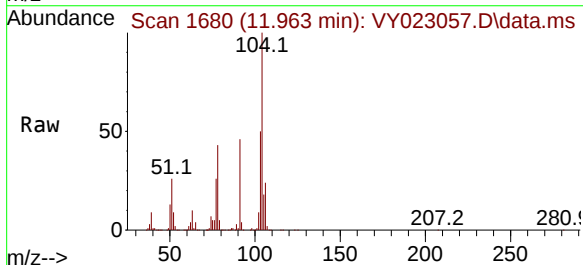
Instrument :
MSVOA_Y
ClientSampleId :

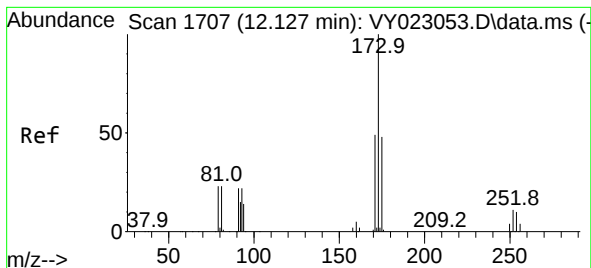
Tgt Ion:106 Resp: 509991
Ion Ratio Lower Upper
106 100
91 207.4 103.2 309.4



#70
Styrene
Concen: 50.733 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Tgt Ion:104 Resp: 852310
Ion Ratio Lower Upper
104 100
78 47.3 38.5 57.7
103 54.6 43.7 65.5





#71

Bromoform

Concen: 48.525 ug/l

RT: 12.127 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Instrument :

MSVOA_Y

ClientSampleId :

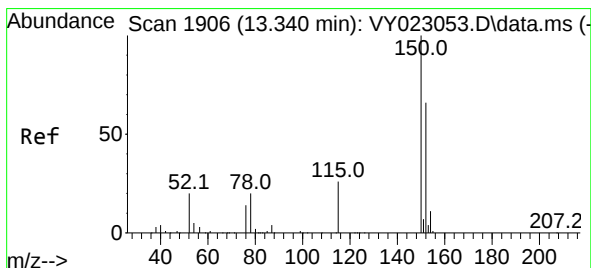
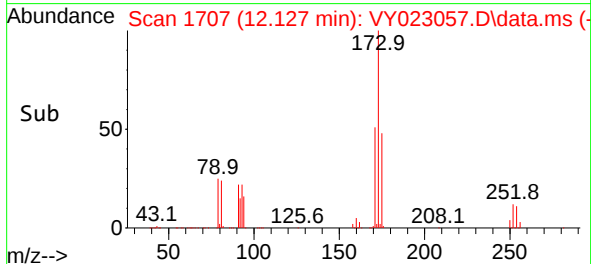
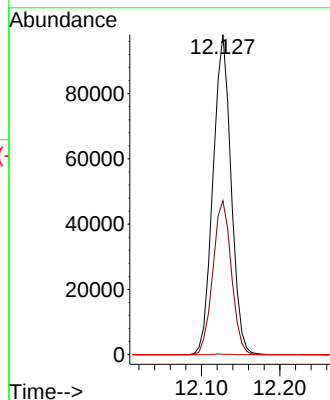
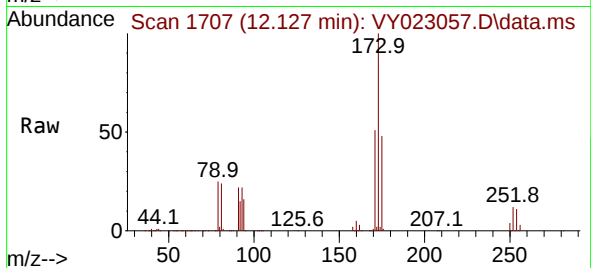
Tgt Ion:173 Resp: 157073

Ion Ratio Lower Upper

173 100

175 49.1 23.9 71.7

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

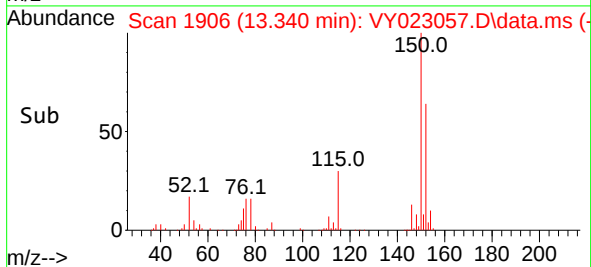
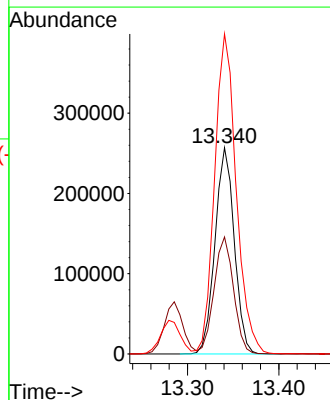
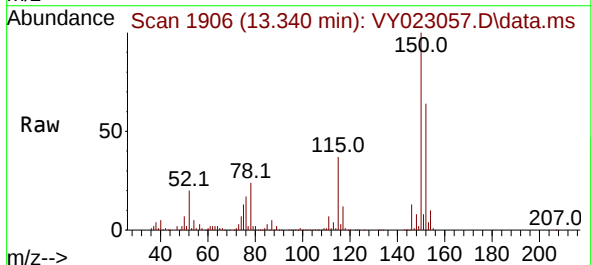
Tgt Ion:152 Resp: 376990

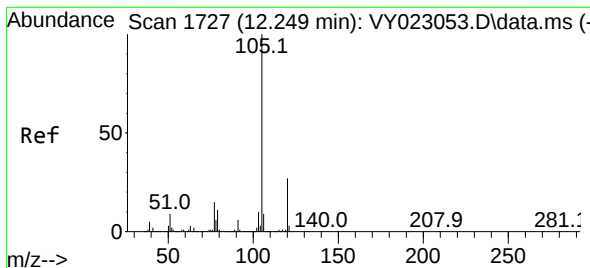
Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.6

150 174.1 0.0 348.0





#73

Isopropylbenzene

Concen: 49.876 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Instrument :

MSVOA_Y

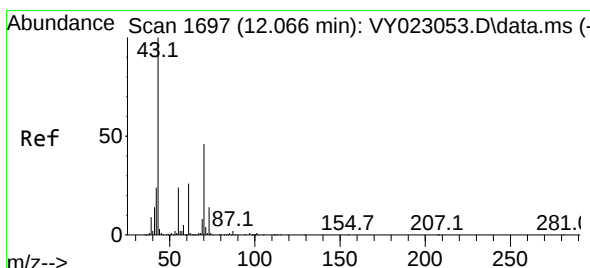
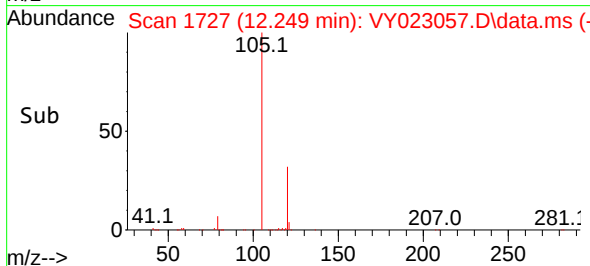
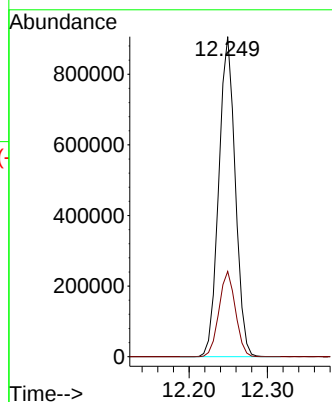
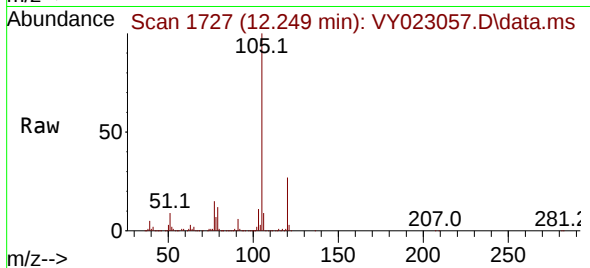
ClientSampleId :

Tgt Ion:105 Resp: 1327070

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.2



#74

N-ethyl acetate

Concen: 50.529 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Tgt Ion: 43 Resp: 285118

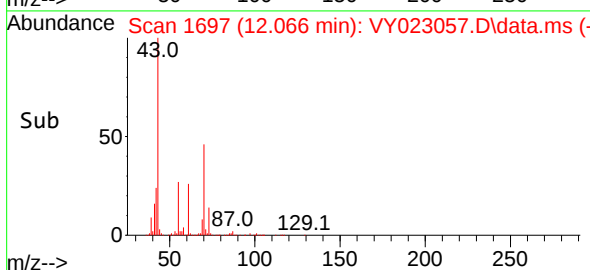
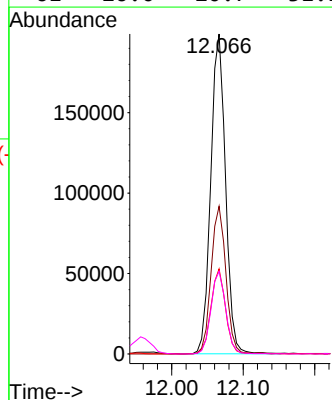
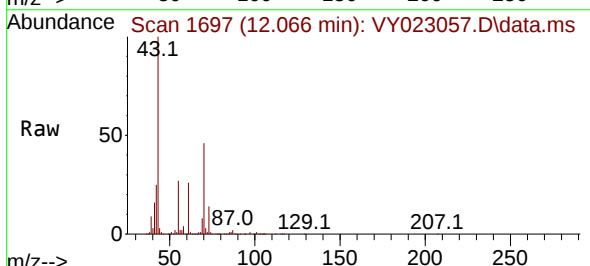
Ion Ratio Lower Upper

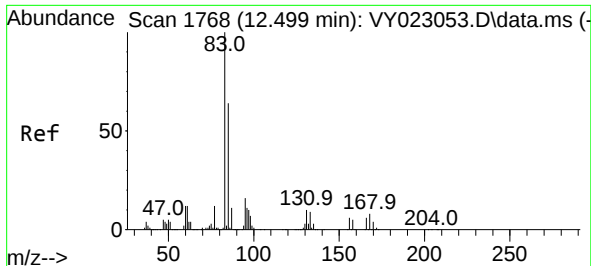
43 100

70 46.5 37.5 56.3

55 26.2 20.7 31.1

61 26.0 20.7 31.1

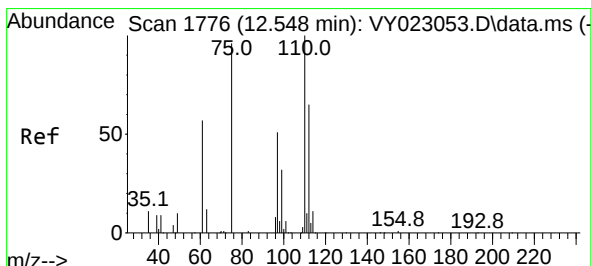
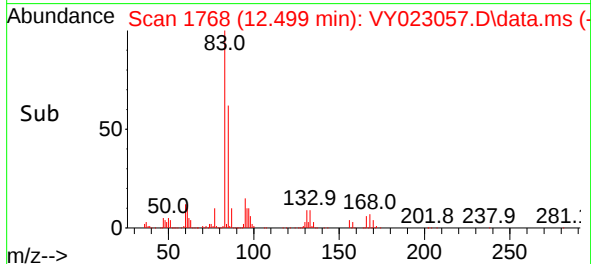
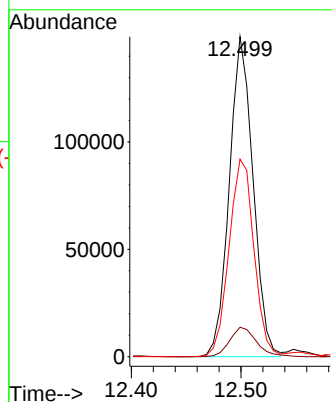
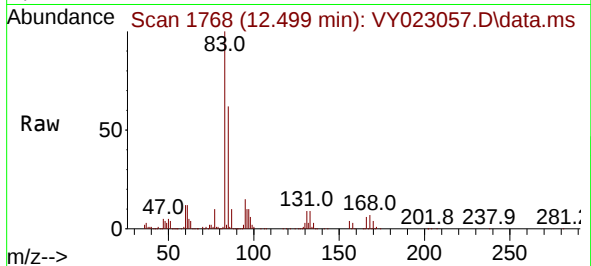




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.350 ug/l
 RT: 12.499 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: VY023057.D
 Acq: 12 Aug 2025 17:53

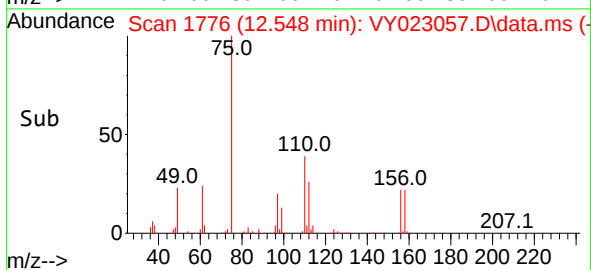
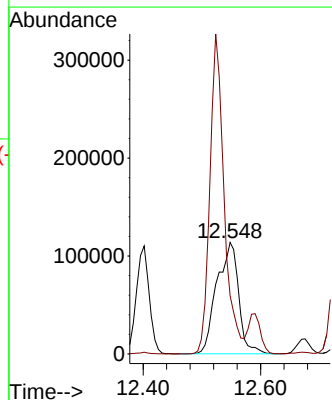
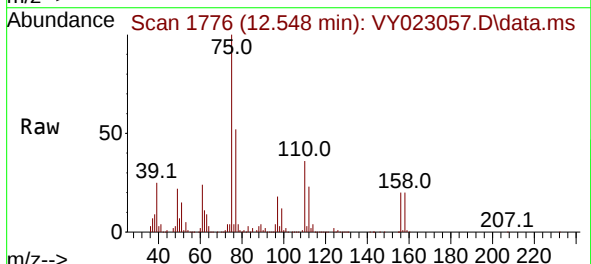
Instrument :
 MSVOA_Y
 ClientSampleId :

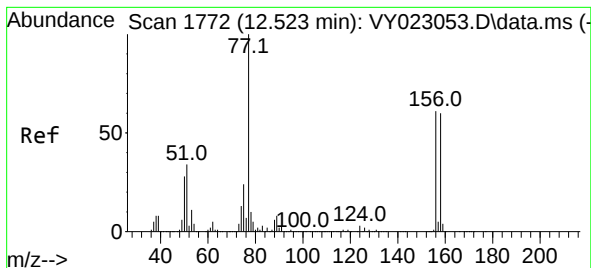
Tgt Ion: 83 Resp: 224206
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.3
 85 65.0 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 80.862 ug/l
 RT: 12.548 min Scan# 1776
 Delta R.T. 0.000 min
 Lab File: VY023057.D
 Acq: 12 Aug 2025 17:53

Tgt Ion: 75 Resp: 294203
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.004 ug/l

RT: 12.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Instrument :

MSVOA_Y

ClientSampleId :

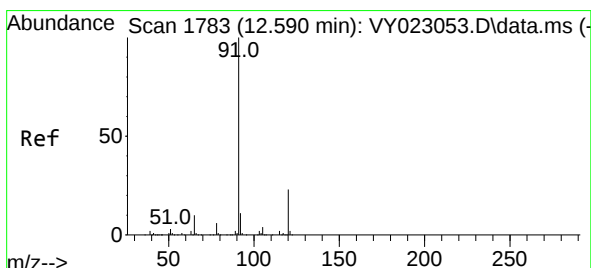
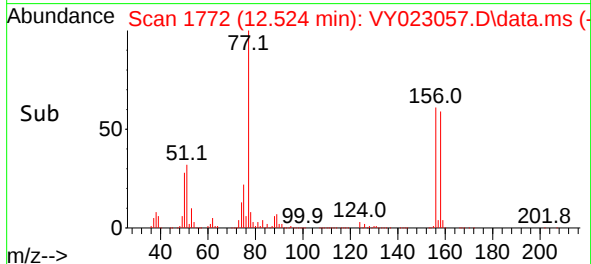
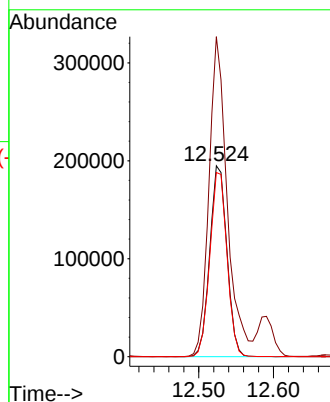
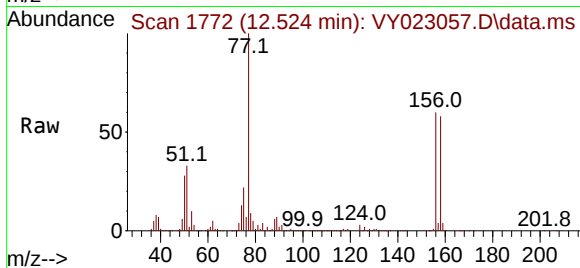
Tgt Ion:156 Resp: 311065

Ion Ratio Lower Upper

156 100

77 178.4 88.1 264.4

158 96.6 48.0 144.0



#78

n-propylbenzene

Concen: 50.853 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023057.D

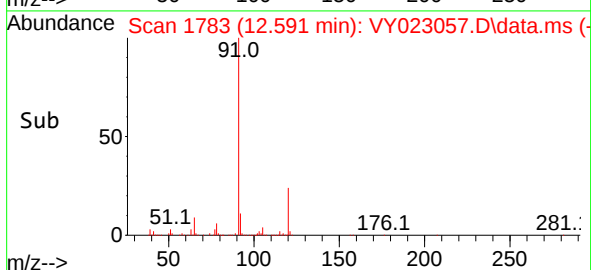
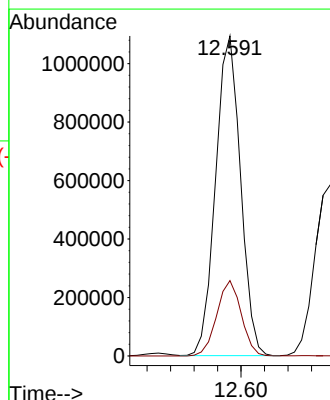
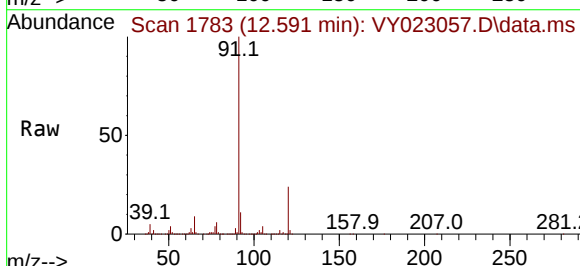
Acq: 12 Aug 2025 17:53

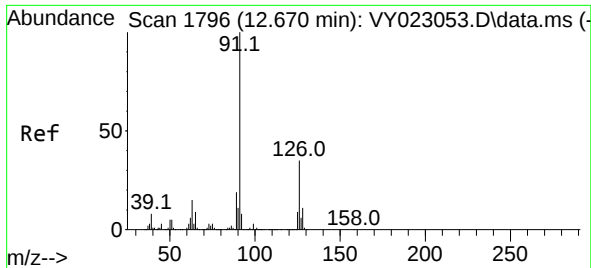
Tgt Ion: 91 Resp: 1610911

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.5

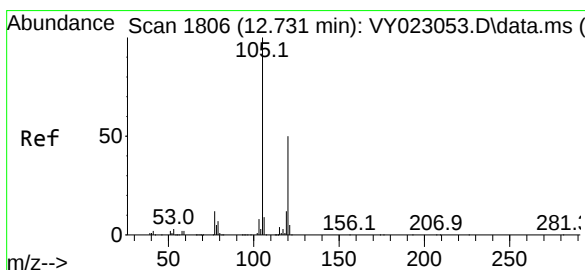
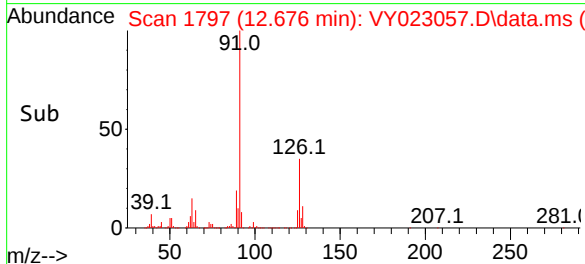
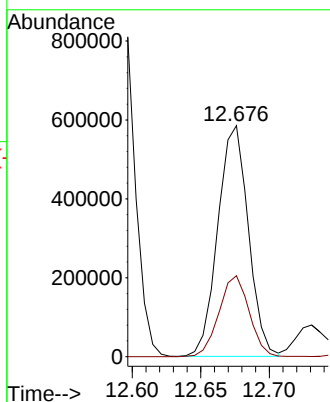
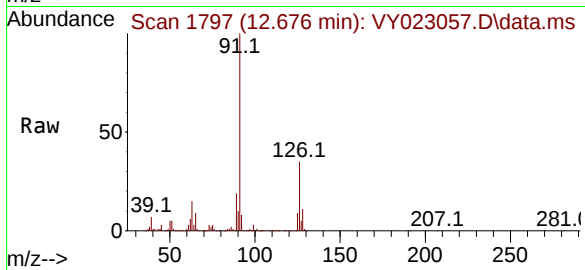




#79
2-Chlorotoluene
Concen: 49.898 ug/l
RT: 12.676 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

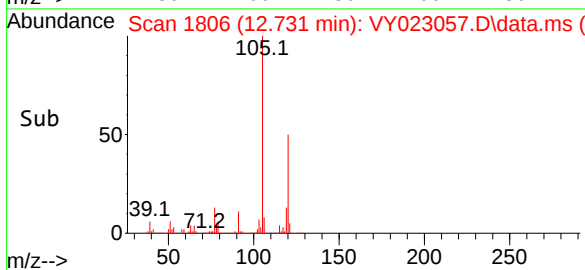
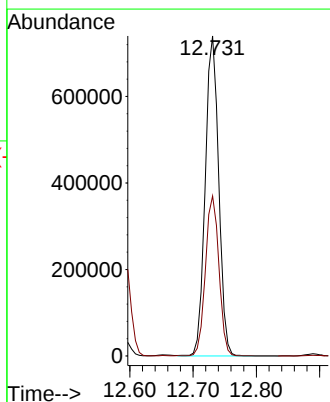
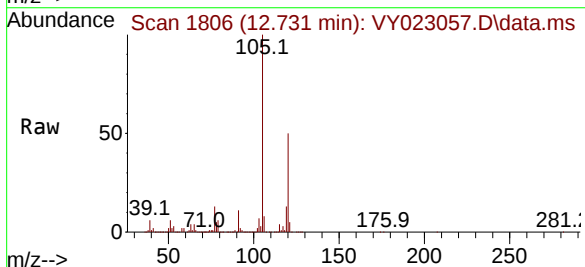
Instrument :
MSVOA_Y
ClientSampleId :

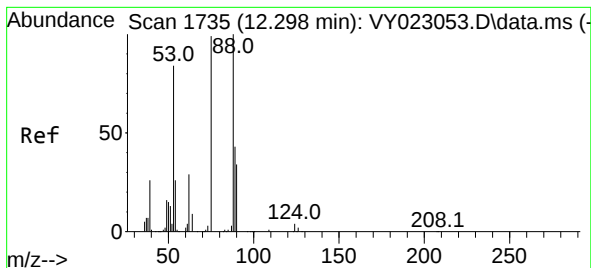
Tgt Ion: 91 Resp: 905657
Ion Ratio Lower Upper
91 100
126 34.7 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 50.916 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Tgt Ion: 105 Resp: 1094902
Ion Ratio Lower Upper
105 100
120 50.1 24.8 74.4

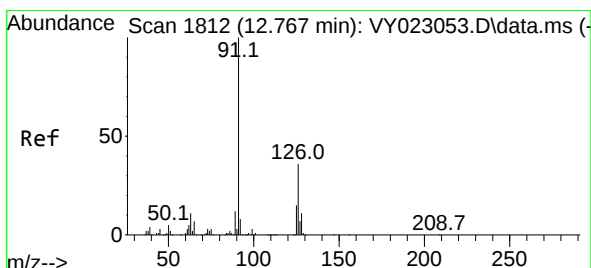
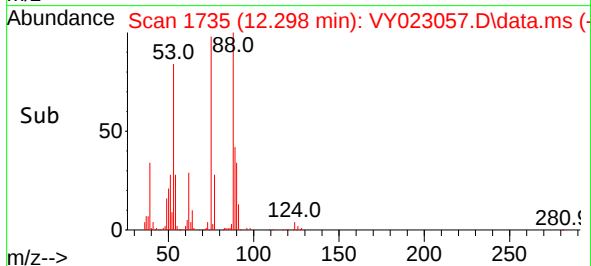
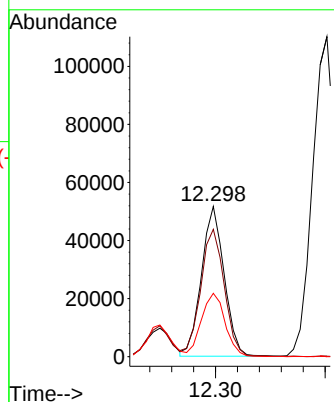
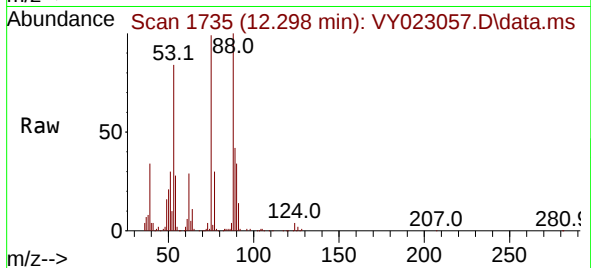




#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.409 ug/l
 RT: 12.298 min Scan# 1735
 Delta R.T. 0.000 min
 Lab File: VY023057.D
 Acq: 12 Aug 2025 17:53

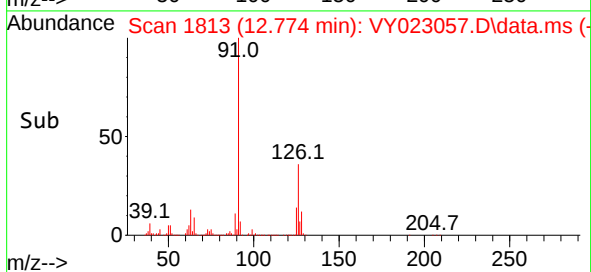
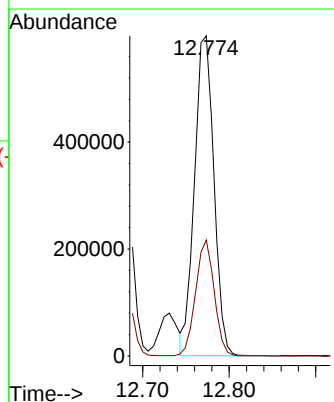
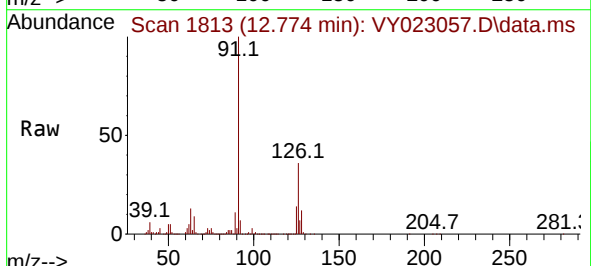
Instrument :
 MSVOA_Y
 ClientSampleId :

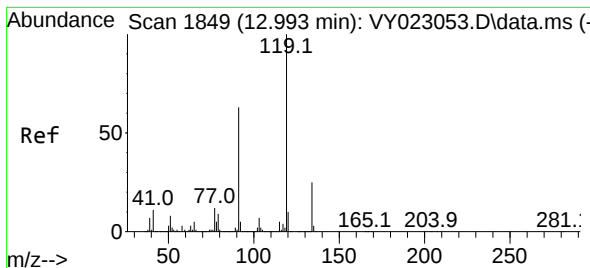
Tgt Ion: 75 Resp: 74263
 Ion Ratio Lower Upper
 75 100
 53 89.2 70.8 106.2
 89 44.3 38.1 57.1



#82
 4-Chlorotoluene
 Concen: 49.505 ug/l
 RT: 12.774 min Scan# 1813
 Delta R.T. 0.006 min
 Lab File: VY023057.D
 Acq: 12 Aug 2025 17:53

Tgt Ion: 91 Resp: 932114
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.3 52.0





#83

tert-Butylbenzene

Concen: 50.443 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Instrument :

MSVOA_Y

ClientSampleId :

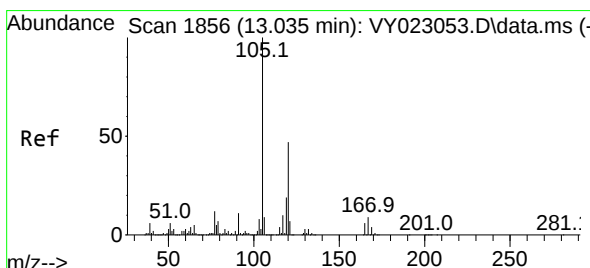
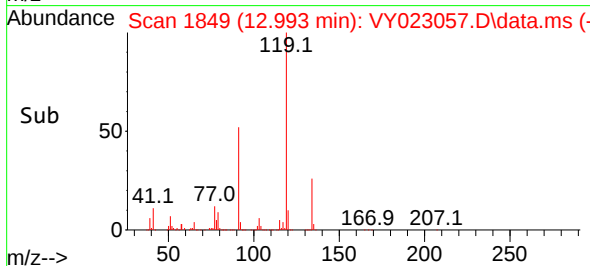
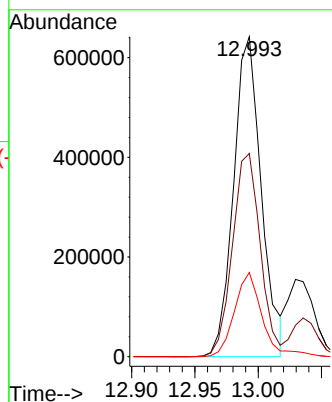
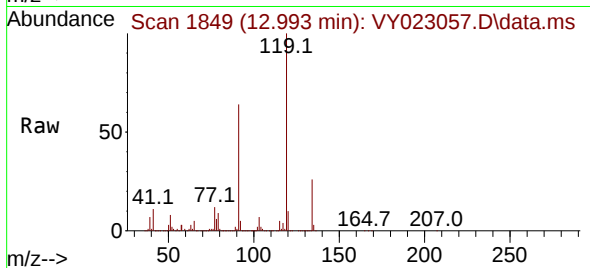
Tgt Ion:119 Resp: 979692

Ion Ratio Lower Upper

119 100

91 63.7 31.6 94.8

134 26.4 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 51.042 ug/l

RT: 13.036 min Scan# 1856

Delta R.T. 0.000 min

Lab File: VY023057.D

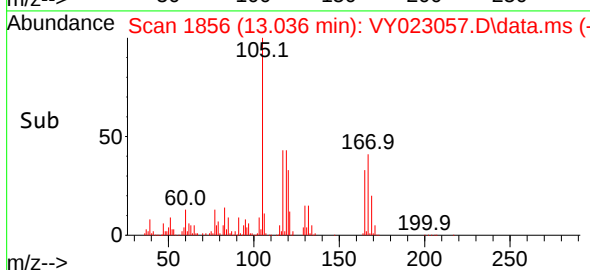
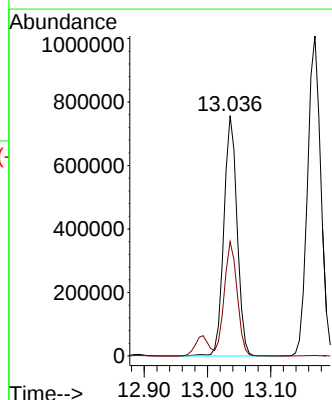
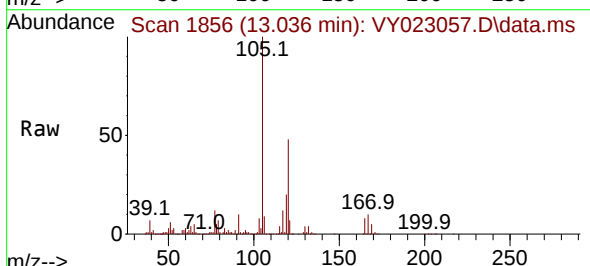
Acq: 12 Aug 2025 17:53

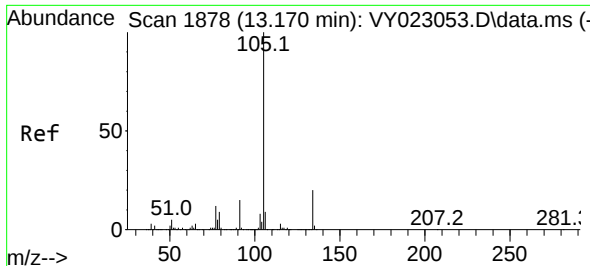
Tgt Ion:105 Resp: 1092616

Ion Ratio Lower Upper

105 100

120 46.3 23.0 69.0

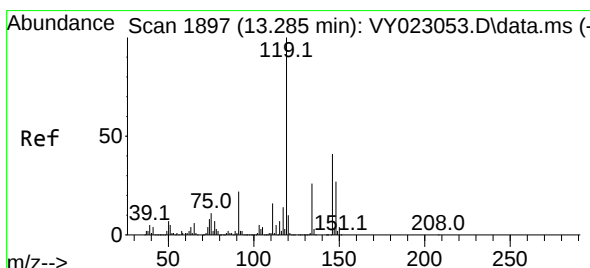
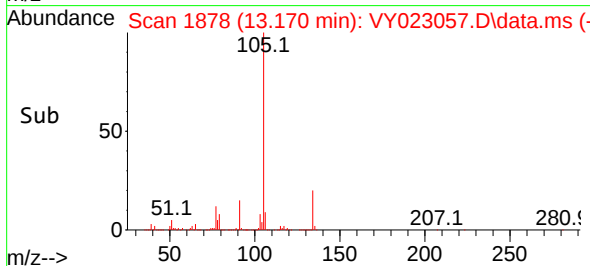
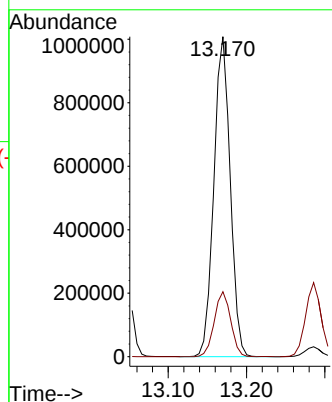
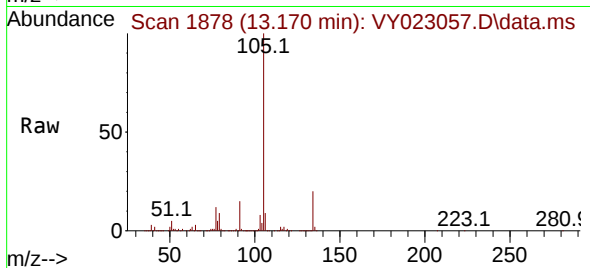




#85
 sec-Butylbenzene
 Concen: 51.154 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY023057.D
 Acq: 12 Aug 2025 17:53

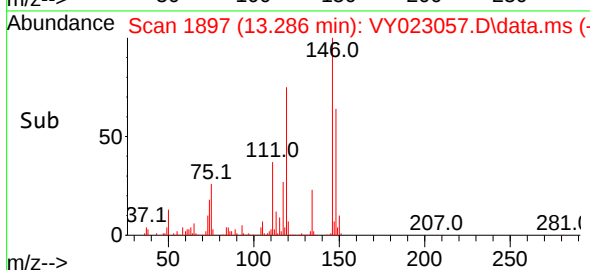
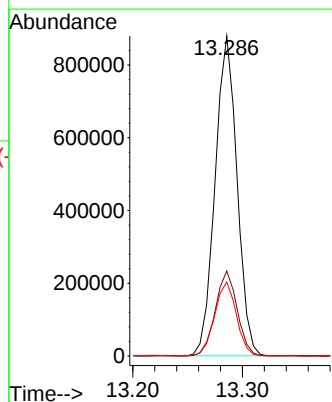
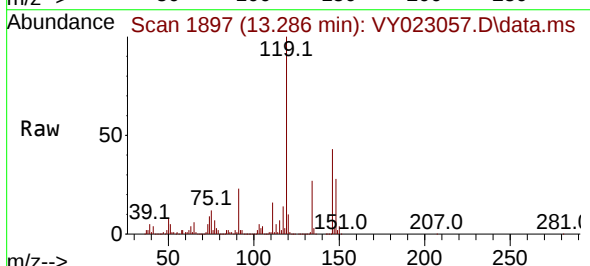
Instrument :
 MSVOA_Y
 ClientSampleId :

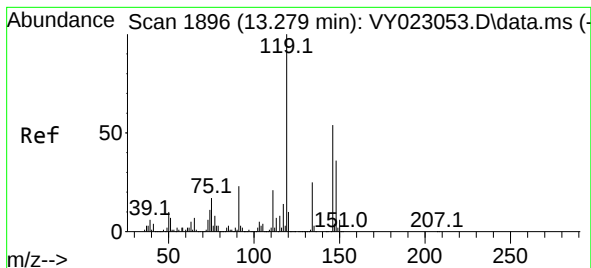
Tgt Ion:105 Resp: 1459437
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 51.639 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023057.D
 Acq: 12 Aug 2025 17:53

Tgt Ion:119 Resp: 1222900
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.6
 91 22.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 49.639 ug/l

RT: 13.280 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Instrument :

MSVOA_Y

ClientSampleId :

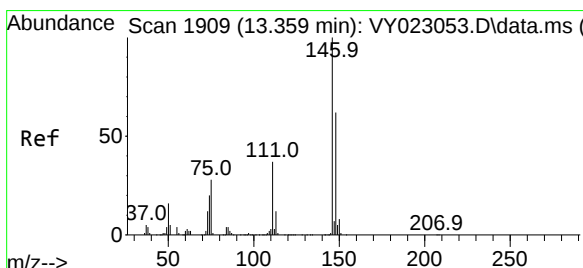
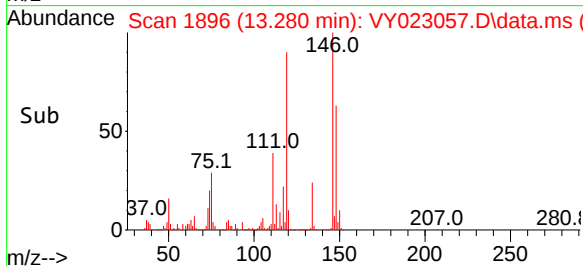
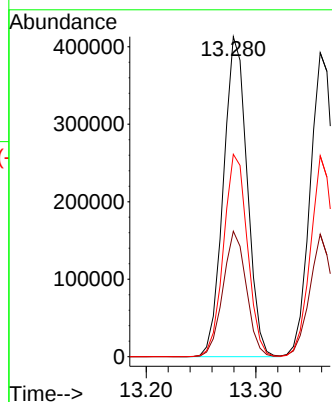
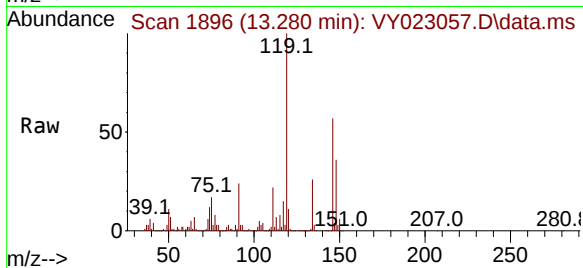
Tgt Ion:146 Resp: 621371

Ion Ratio Lower Upper

146 100

111 38.5 19.6 58.7

148 63.5 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 48.514 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

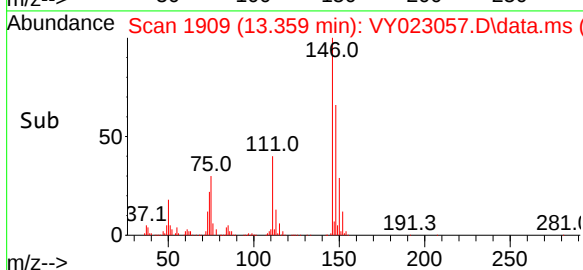
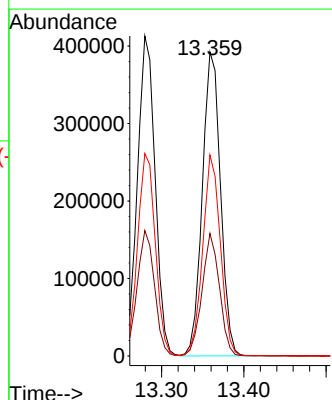
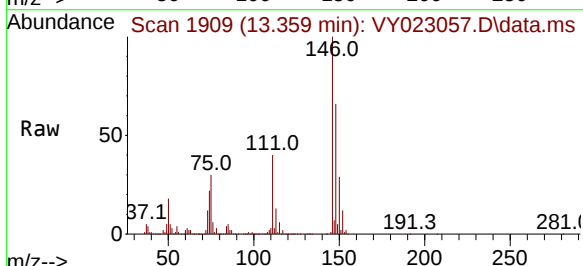
Tgt Ion:146 Resp: 602429

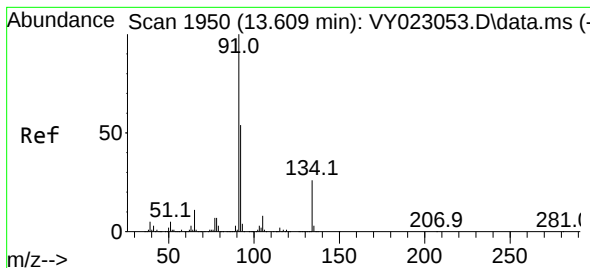
Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.1

148 64.1 31.6 94.7





#89

n-Butylbenzene

Concen: 51.594 ug/l

RT: 13.609 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

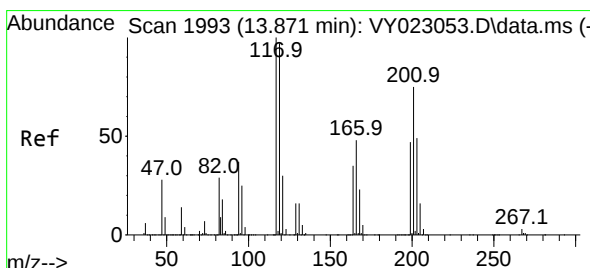
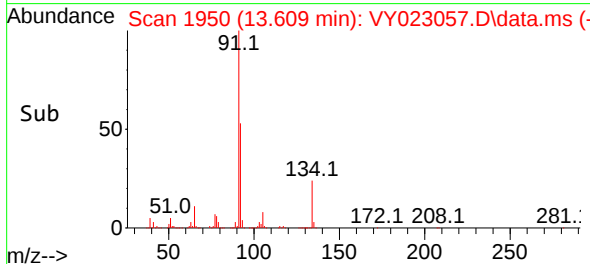
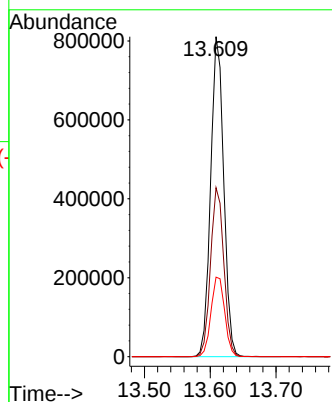
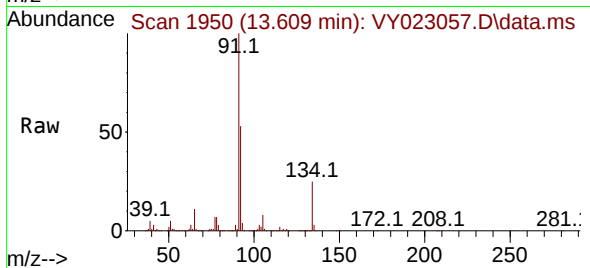
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91 Resp: 1122189

Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.9	80.7
134	26.2	13.2	39.5



#90

Hexachloroethane

Concen: 50.617 ug/l

RT: 13.871 min Scan# 1993

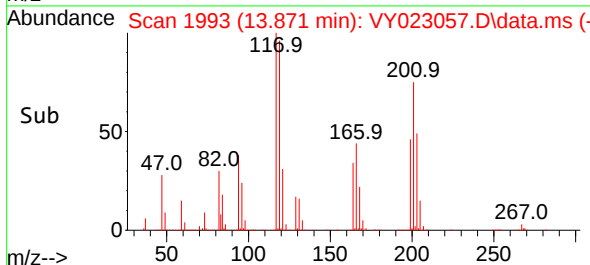
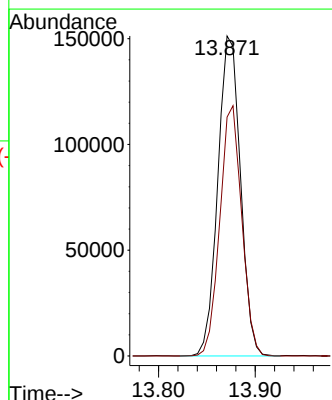
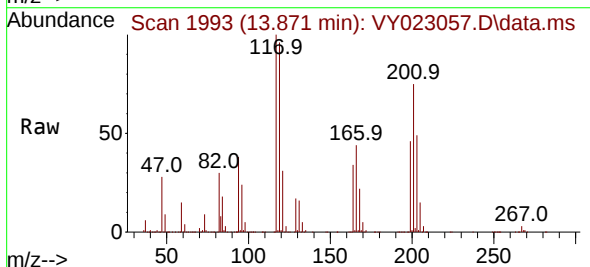
Delta R.T. 0.000 min

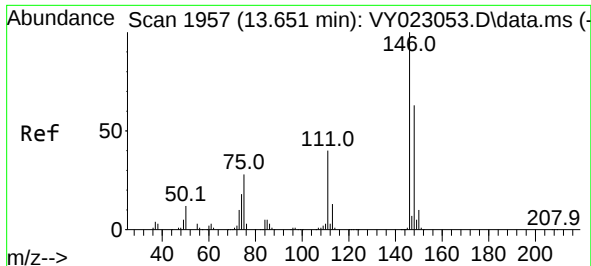
Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Tgt Ion: 117 Resp: 245386

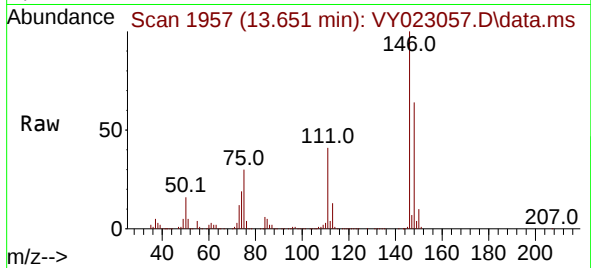
Ion	Ratio	Lower	Upper
117	100		
201	75.7	38.4	115.1



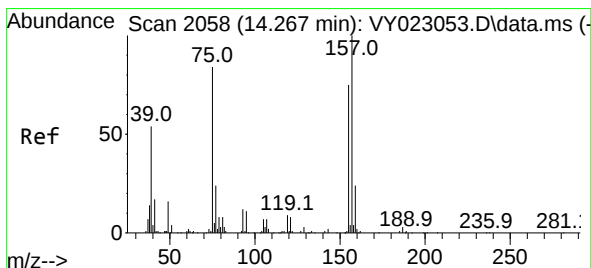
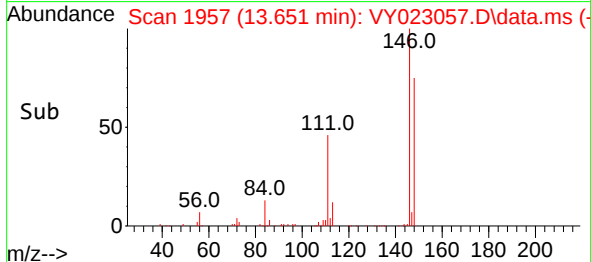
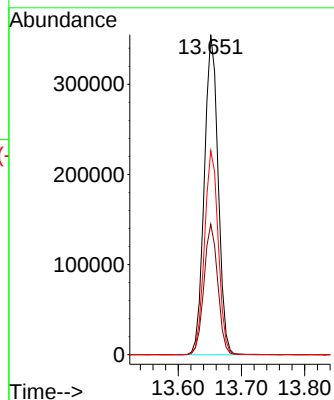


#91
1,2-Dichlorobenzene
Concen: 49.234 ug/l
RT: 13.651 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Instrument :
MSVOA_Y
ClientSampleId :

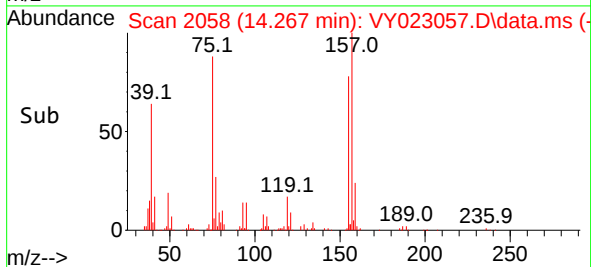
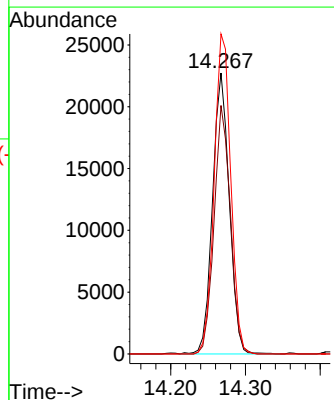
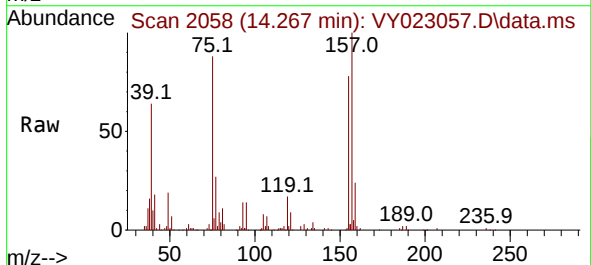


Tgt Ion:146 Resp: 540506
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.8
148 63.5 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.085 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY023057.D
Acq: 12 Aug 2025 17:53

Tgt Ion: 75 Resp: 35428
Ion Ratio Lower Upper
75 100
155 86.0 43.9 131.6
157 112.9 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 49.363 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Instrument :

MSVOA_Y

ClientSampleId :

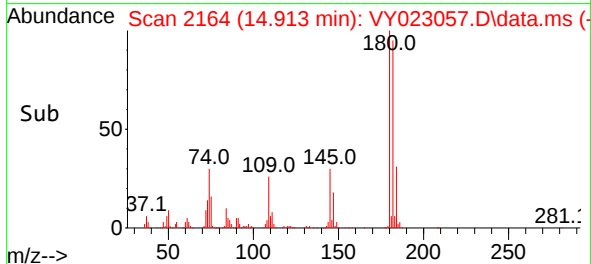
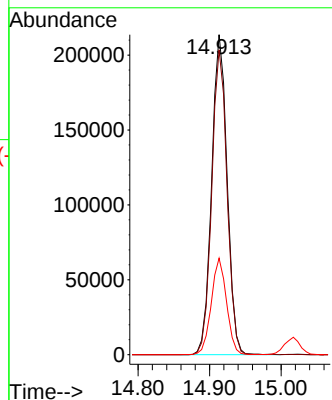
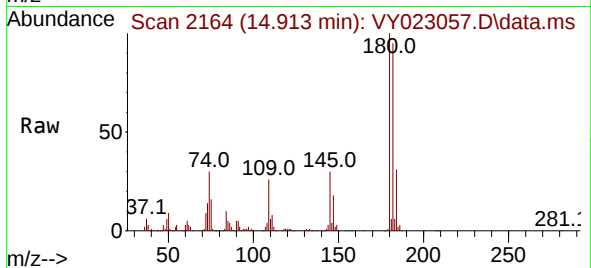
Tgt Ion:180 Resp: 320472

Ion Ratio Lower Upper

180 100

182 94.2 46.8 140.4

145 29.8 14.4 43.4



#94

Hexachlorobutadiene

Concen: 48.344 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

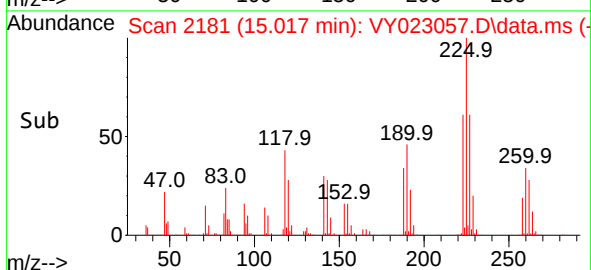
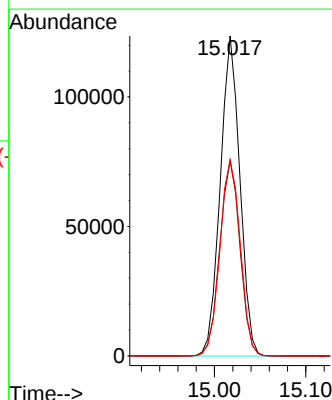
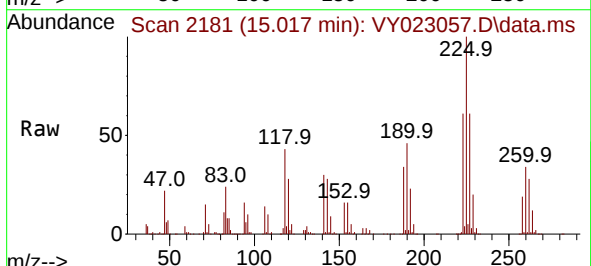
Tgt Ion:225 Resp: 184430

Ion Ratio Lower Upper

225 100

223 62.8 31.3 93.8

227 63.8 31.5 94.5





#95

Naphthalene

Concen: 51.623 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Instrument :

MSVOA_Y

ClientSampleId :

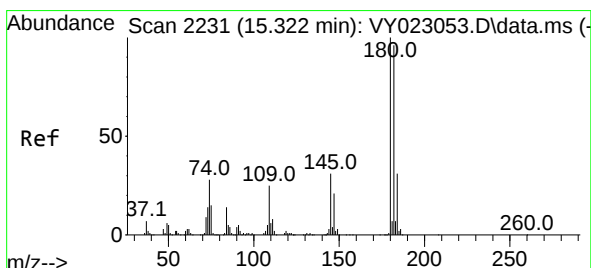
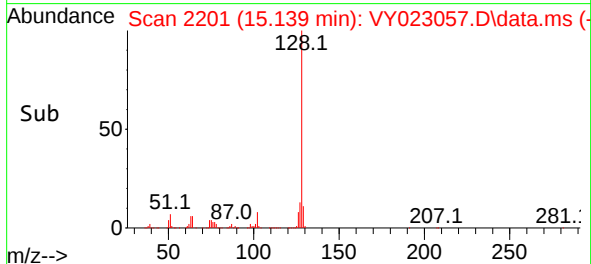
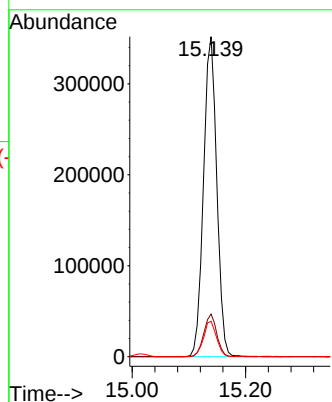
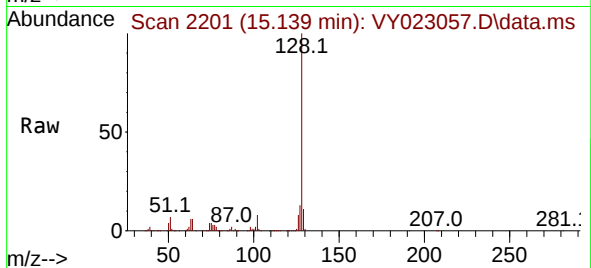
Tgt Ion:128 Resp: 571480

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 48.735 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY023057.D

Acq: 12 Aug 2025 17:53

Tgt Ion:180 Resp: 272638

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.7

145 31.7 15.9 47.7

