

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090525\
 Data File : VY023292.D
 Acq On : 05 Sep 2025 10:52
 Operator : SY/MD
 Sample : VY0905SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 06 01:53:14 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	459154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	698662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	626042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	326298	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	211163	48.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.500%
35) Dibromofluoromethane	7.634	113	222566	53.238	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.480%
50) Toluene-d8	10.103	98	831257	50.898	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.800%
62) 4-Bromofluorobenzene	12.401	95	268589	51.138	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	73783	19.687	ug/l	92
3) Chloromethane	2.068	50	112212	18.485	ug/l	100
4) Vinyl Chloride	2.202	62	144941	19.316	ug/l	99
5) Bromomethane	2.586	94	123719	22.077	ug/l	97
6) Chloroethane	2.732	64	100111	20.067	ug/l	100
7) Trichlorofluoromethane	3.049	101	185452	20.325	ug/l	99
8) Diethyl Ether	3.452	74	46486	19.257	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.811	101	93064	20.674	ug/l	97
10) Methyl Iodide	4.000	142	88779	18.277	ug/l	99
11) Tert butyl alcohol	4.860	59	26974	89.961	ug/l	100
12) 1,1-Dichloroethene	3.787	96	87986	19.886	ug/l	92
13) Acrolein	3.653	56	15816	36.017	ug/l	93
14) Allyl chloride	4.378	41	112614	17.297	ug/l	98
15) Acrylonitrile	5.055	53	94655	96.449	ug/l	99
16) Acetone	3.866	43	139054	146.674	ug/l	100
17) Carbon Disulfide	4.104	76	267156	18.518	ug/l	100
18) Methyl Acetate	4.385	43	52103	18.468	ug/l	94
19) Methyl tert-butyl Ether	5.110	73	214985	18.751	ug/l	99
20) Methylene Chloride	4.616	84	105853	19.848	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	98046	19.718	ug/l	94
22) Diisopropyl ether	6.018	45	259552	18.346	ug/l	92
23) Vinyl Acetate	5.957	43	701009	89.611	ug/l	97
24) 1,1-Dichloroethane	5.909	63	167435	19.358	ug/l	96
25) 2-Butanone	6.890	43	149135	115.664	ug/l	94
26) 2,2-Dichloropropane	6.884	77	148410	19.885	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	113181	19.689	ug/l	97
28) Bromochloromethane	7.244	49	67931	19.796	ug/l	92
29) Tetrahydrofuran	7.262	42	71884	89.941	ug/l	94
30) Chloroform	7.421	83	183341	20.553	ug/l	99
31) Cyclohexane	7.701	56	139348	17.096	ug/l	94
32) 1,1,1-Trichloroethane	7.610	97	158931	20.079	ug/l	100
36) 1,1-Dichloropropene	7.835	75	121179	19.504	ug/l	96
37) Ethyl Acetate	6.982	43	53109	20.349	ug/l	98
38) Carbon Tetrachloride	7.817	117	144232	21.374	ug/l	99
39) Methylcyclohexane	9.109	83	155527	19.009	ug/l	98
40) Benzene	8.079	78	392806	20.513	ug/l	99

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 ClientSampleId :

Quant Time: Sep 06 01:53:14 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)
41) Methacrylonitrile	7.219	41	24878	16.517	ug/l #	82
42) 1,2-Dichloroethane	8.158	62	103244	20.730	ug/l	100
43) Isopropyl Acetate	8.195	43	98909	18.751	ug/l	96
44) Trichloroethene	8.865	130	110714	22.373	ug/l	97
45) 1,2-Dichloropropane	9.140	63	88783	20.150	ug/l	98
46) Dibromomethane	9.231	93	55044	21.766	ug/l	96
47) Bromodichloromethane	9.420	83	140121	21.533	ug/l	96
48) Methyl methacrylate	9.219	41	45878	18.175	ug/l	93
49) 1,4-Dioxane	9.225	88	12326	415.685	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	263496	96.839	ug/l	98
52) Toluene	10.170	92	251403	20.671	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	117800	19.991	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	140885	20.219	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	74850	22.119	ug/l	98
56) Ethyl methacrylate	10.438	69	82192	18.982	ug/l	94
57) 1,3-Dichloropropane	10.719	76	120384	20.977	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	187734	91.914	ug/l	95
59) 2-Hexanone	10.761	43	211031	113.898	ug/l	99
60) Dibromochloromethane	10.908	129	100651	22.542	ug/l	100
61) 1,2-Dibromoethane	11.011	107	69805	21.948	ug/l	100
64) Tetrachloroethene	10.646	164	135251	24.195	ug/l	96
65) Chlorobenzene	11.438	112	281049	20.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	100238	21.872	ug/l	99
67) Ethyl Benzene	11.517	91	453599	19.519	ug/l	99
68) m/p-Xylenes	11.627	106	364783	40.191	ug/l	97
69) o-Xylene	11.956	106	167191	19.668	ug/l	99
70) Styrene	11.969	104	283660	20.405	ug/l	98
71) Bromoform	12.133	173	60586	22.619	ug/l	99
73) Isopropylbenzene	12.255	105	434612	18.872	ug/l	100
74) N-amyl acetate	12.066	43	81804	16.750	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	75013	19.076	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	101447	32.214	ug/l #	100
77) Bromobenzene	12.529	156	112465	20.470	ug/l	94
78) n-propylbenzene	12.590	91	513676	18.735	ug/l	98
79) 2-Chlorotoluene	12.676	91	296657	18.884	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	356725	19.166	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	24156	18.568	ug/l	97
82) 4-Chlorotoluene	12.773	91	310381	19.045	ug/l	98
83) tert-Butylbenzene	12.999	119	317589	18.893	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	353142	19.060	ug/l	100
85) sec-Butylbenzene	13.176	105	463851	18.784	ug/l	99
86) p-Isopropyltoluene	13.291	119	393446	19.195	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	220523	20.353	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	214379	19.946	ug/l	98
89) n-Butylbenzene	13.615	91	349155	18.547	ug/l	98
90) Hexachloroethane	13.877	117	83967	20.011	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	192990	20.310	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11374	18.578	ug/l	89
93) 1,2,4-Trichlorobenzene	14.919	180	112672	20.052	ug/l	99
94) Hexachlorobutadiene	15.023	225	70309	21.293	ug/l	99
95) Naphthalene	15.145	128	175961	18.364	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	98676	20.379	ug/l	98

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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Wed Aug 13 02:10:11 2025
Response via : Initial Calibration

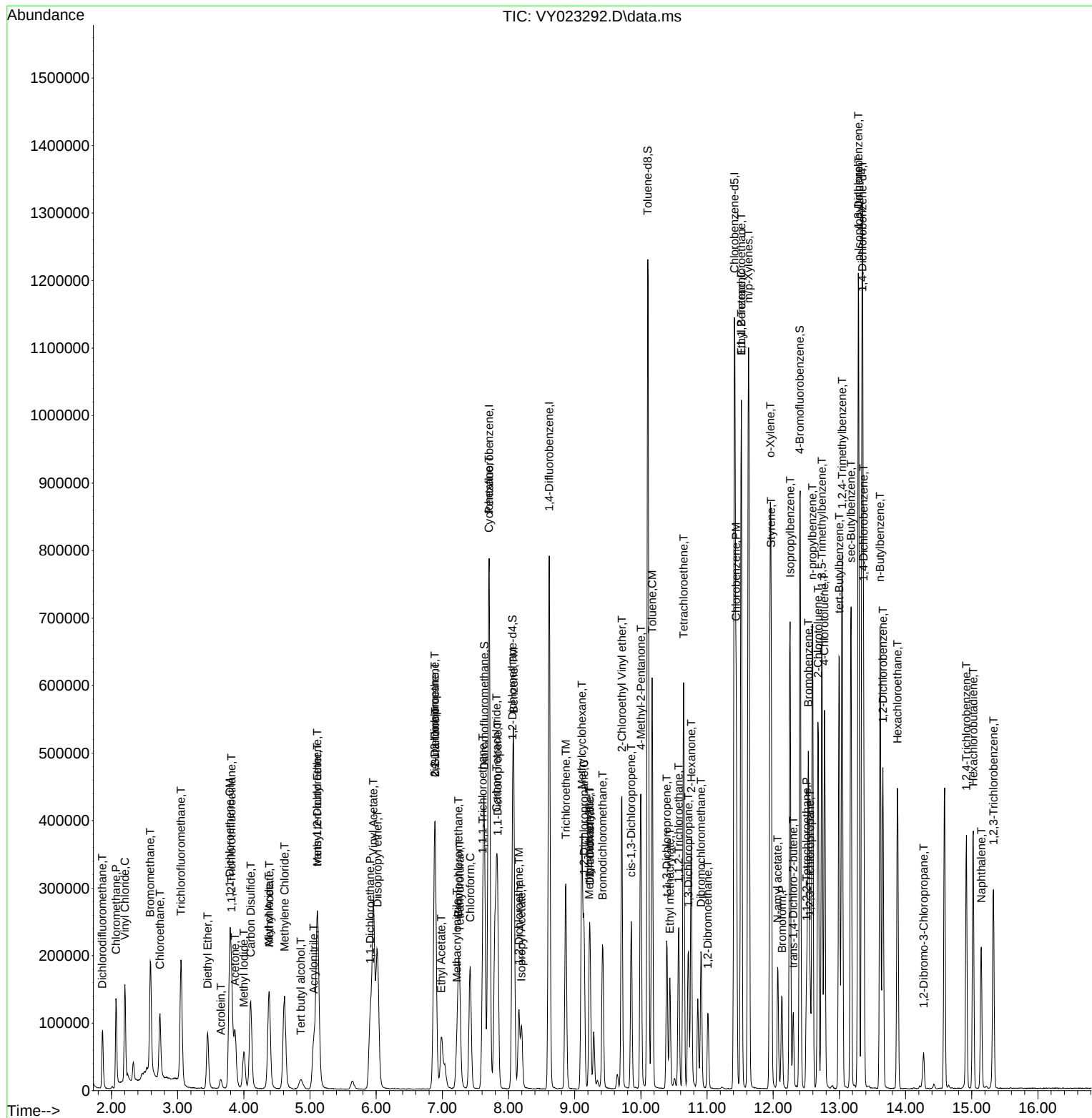
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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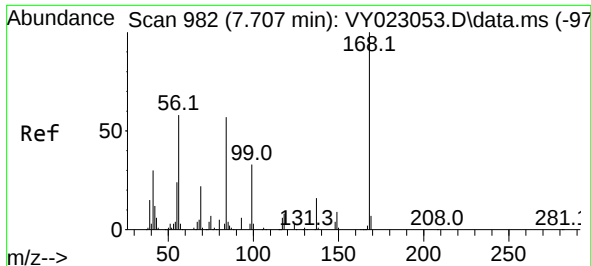
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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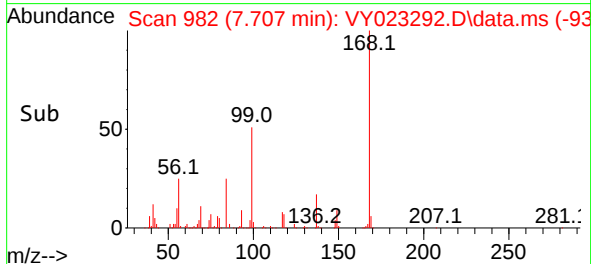
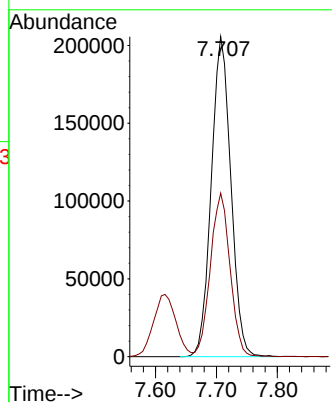
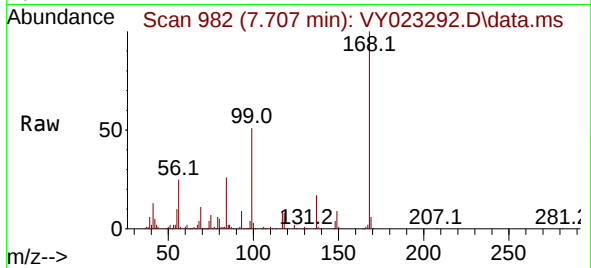




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

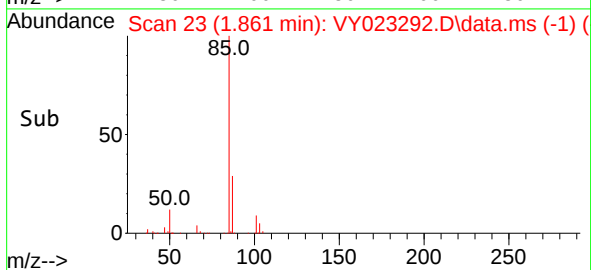
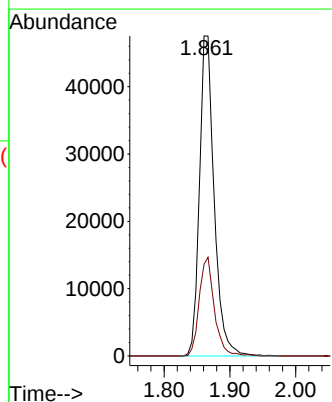
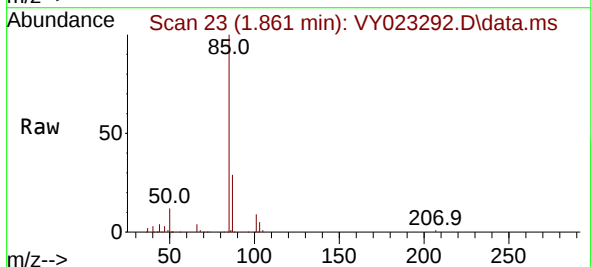
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 459154
Ion Ratio Lower Upper
168 100
99 51.0 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 19.687 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion: 85 Resp: 73783
Ion Ratio Lower Upper
85 100
87 28.7 16.6 49.8

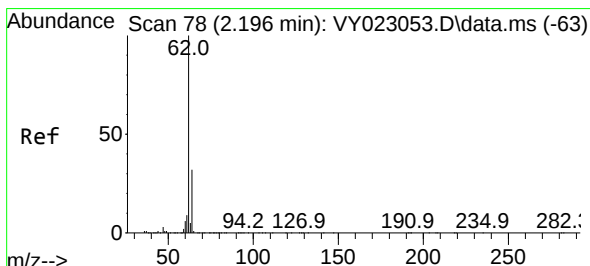
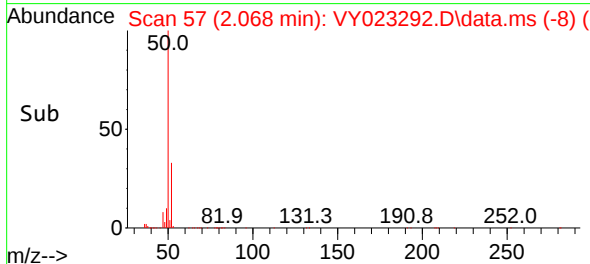
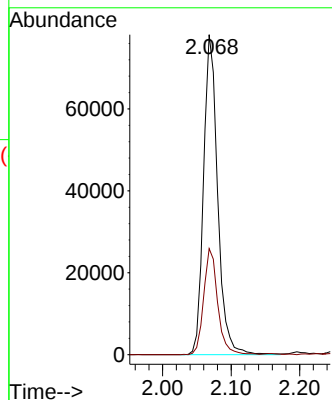
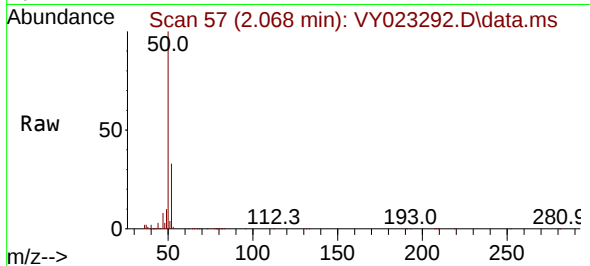




#3
Chloromethane
Concen: 18.485 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

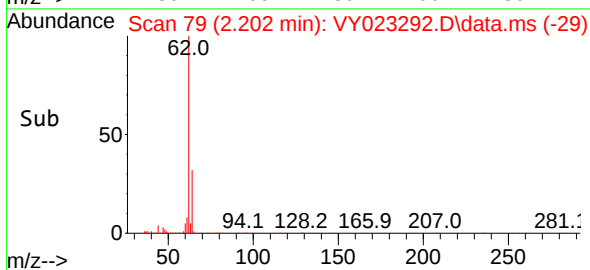
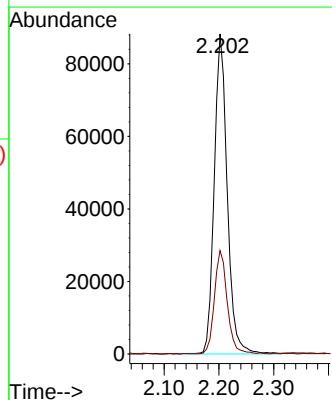
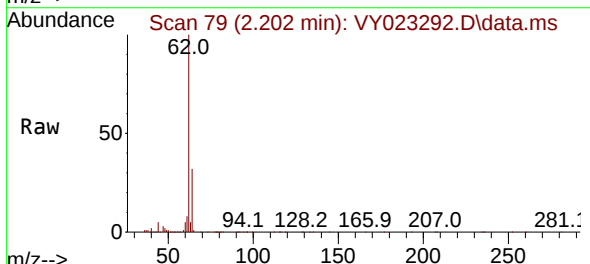
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 112212
Ion Ratio Lower Upper
50 100
52 33.1 26.7 40.1



#4
Vinyl Chloride
Concen: 19.316 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

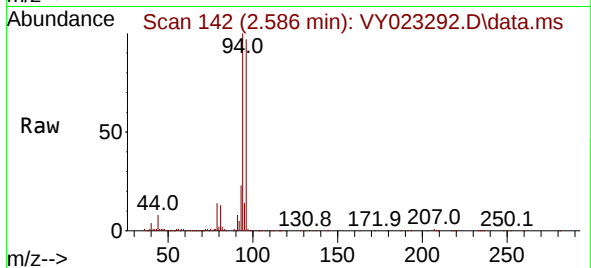
Tgt Ion: 62 Resp: 144941
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0



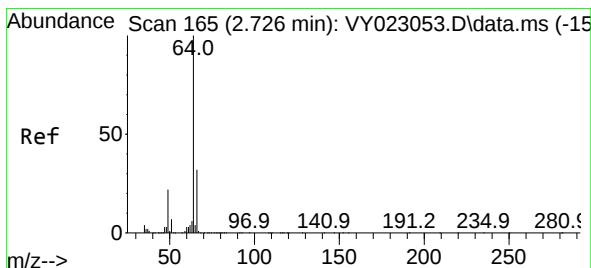
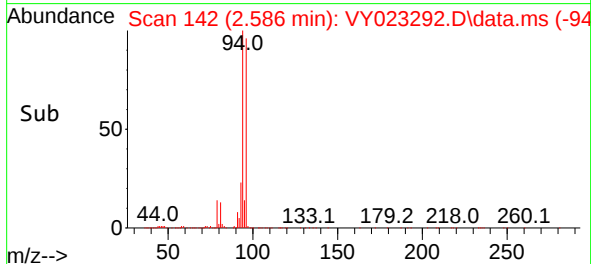
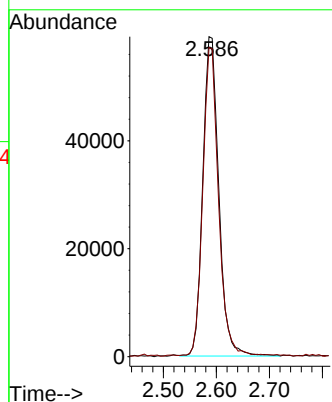


#5
Bromomethane
Concen: 22.077 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Instrument :
MSVOA_Y
ClientSampleId :

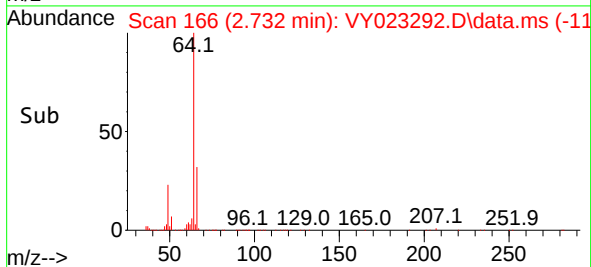
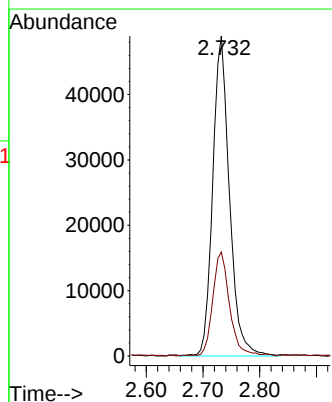
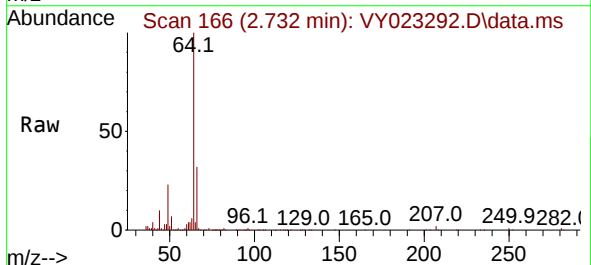


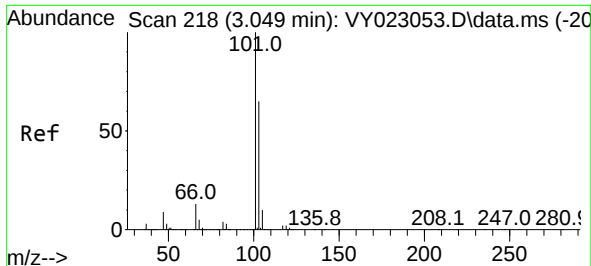
Tgt Ion: 94 Resp: 123719
Ion Ratio Lower Upper
94 100
96 96.5 74.6 112.0



#6
Chloroethane
Concen: 20.067 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion: 64 Resp: 100111
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.6

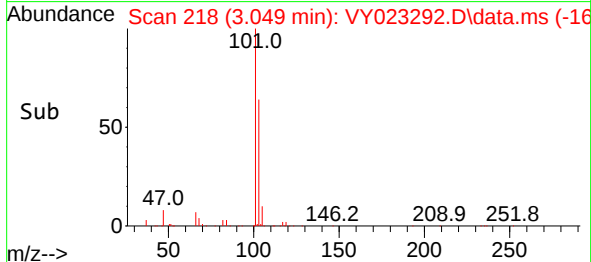
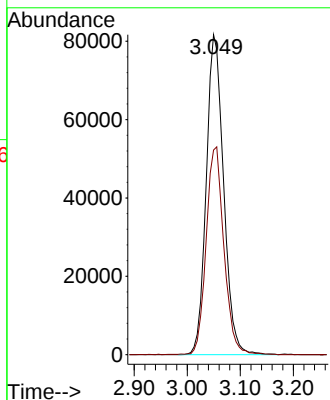
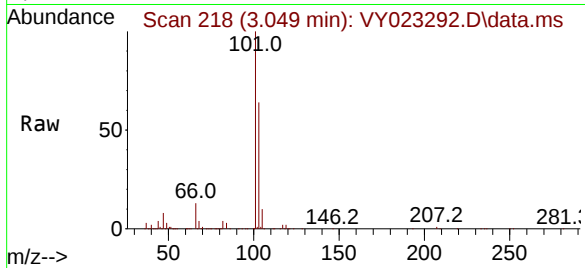




#7
Trichlorofluoromethane
Concen: 20.325 ug/l
RT: 3.049 min Scan# 218
Delta R.T. -0.000 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

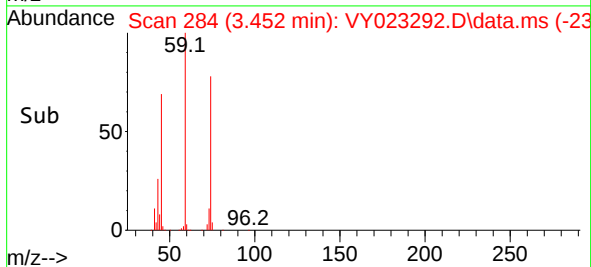
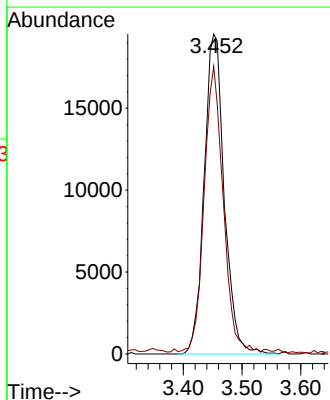
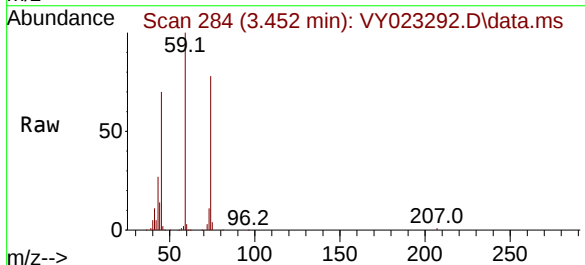
Instrument :
MSVOA_Y
ClientSampleId :

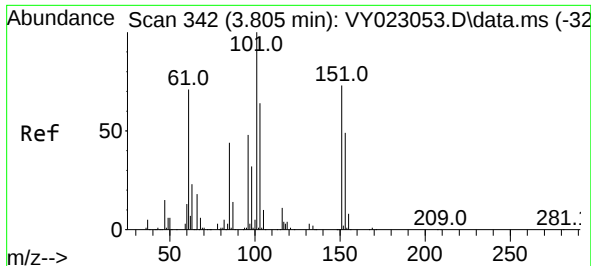
Tgt Ion:101 Resp: 185452
Ion Ratio Lower Upper
101 100
103 64.0 51.9 77.9



#8
Diethyl Ether
Concen: 19.257 ug/l
RT: 3.452 min Scan# 284
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion: 74 Resp: 46486
Ion Ratio Lower Upper
74 100
45 84.4 44.4 133.2

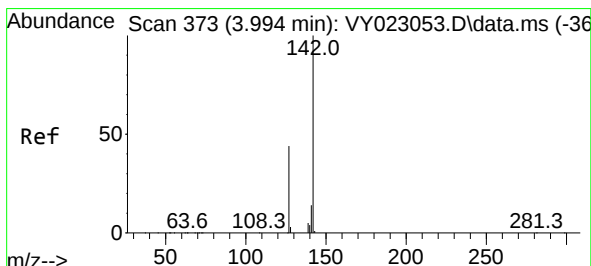
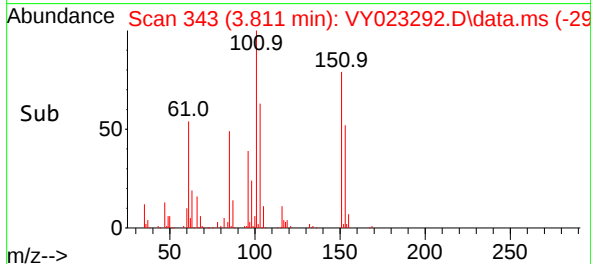
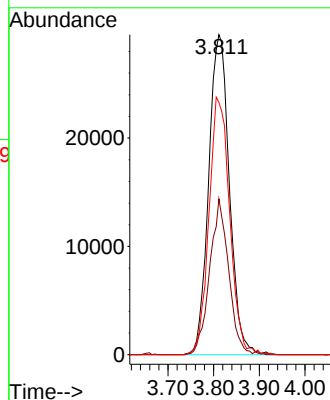
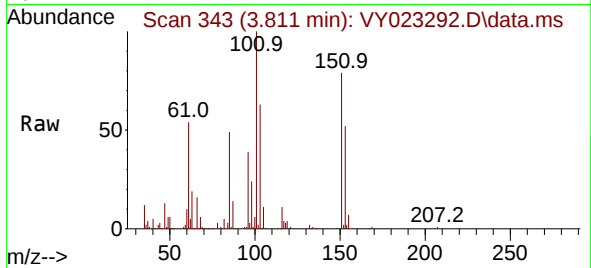




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.674 ug/l
RT: 3.811 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

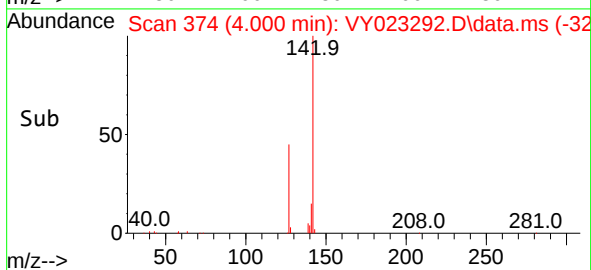
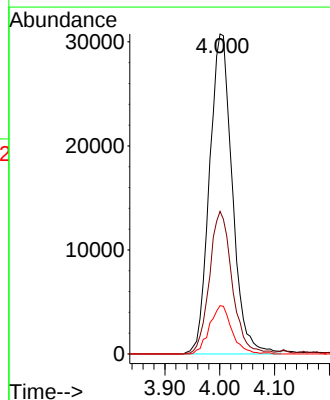
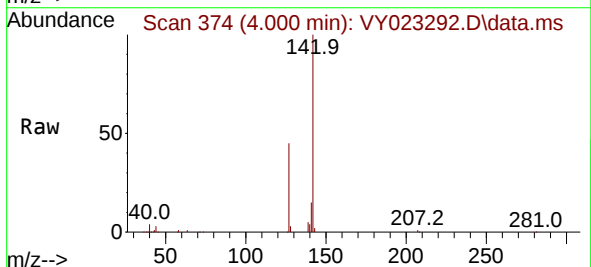
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 93064
Ion Ratio Lower Upper
101 100
85 44.6 36.3 54.5
151 80.6 61.5 92.3



#10
Methyl Iodide
Concen: 18.277 ug/l
RT: 4.000 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion:142 Resp: 88779
Ion Ratio Lower Upper
142 100
127 44.5 34.9 52.3
141 14.8 11.3 16.9

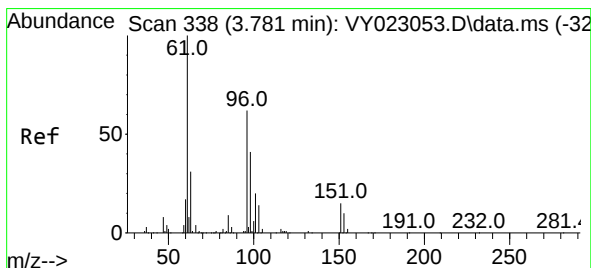
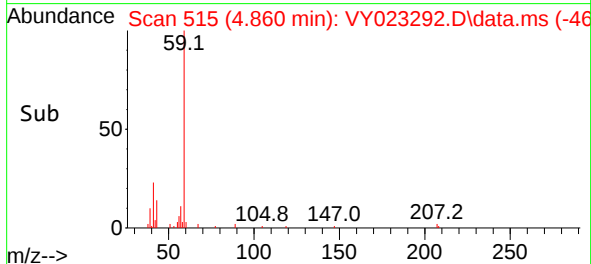
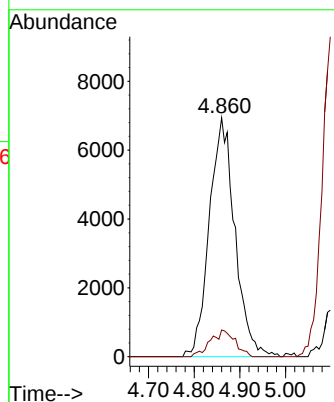
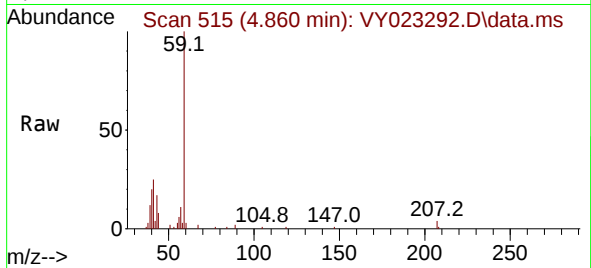




#11
Tert butyl alcohol
Concen: 89.961 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

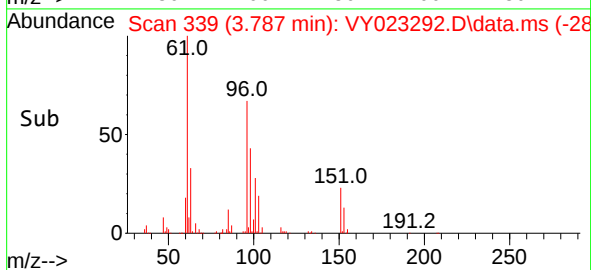
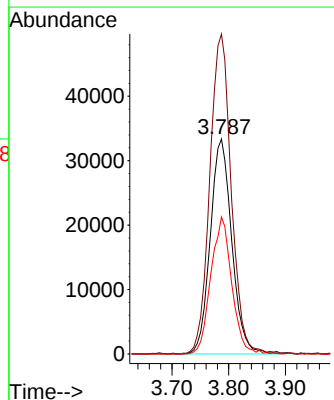
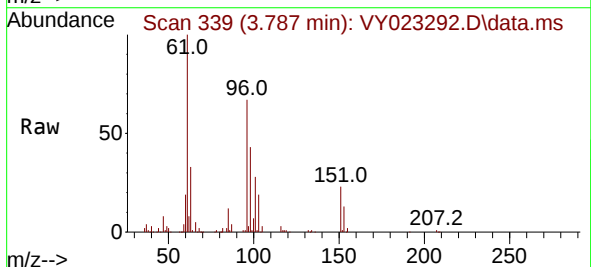
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 26974
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0



#12
1,1-Dichloroethene
Concen: 19.886 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion: 96 Resp: 87986
Ion Ratio Lower Upper
96 100
61 148.8 129.4 194.2
98 63.7 52.8 79.2





#13

Acrolein

Concen: 36.017 ug/l

RT: 3.653 min Scan# 316

Delta R.T. 0.006 min

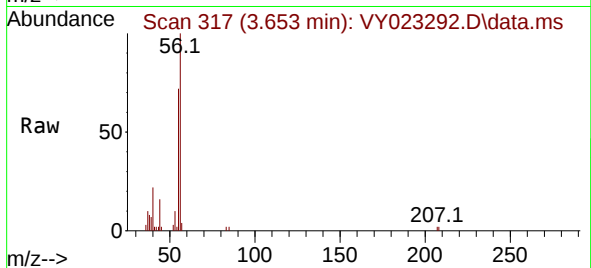
Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

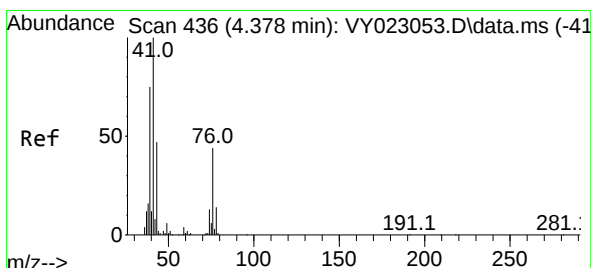
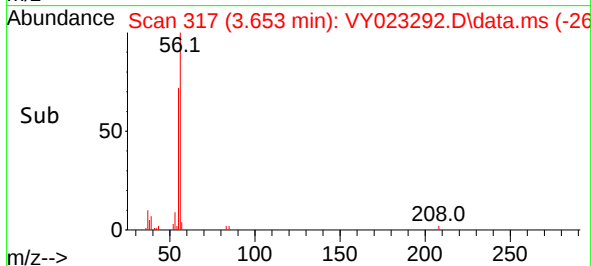
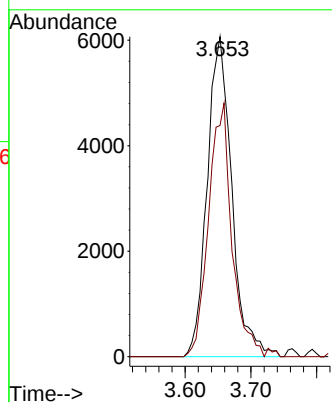


Tgt Ion: 56 Resp: 15816

Ion Ratio Lower Upper

56 100

55 74.7 55.2 82.8



#14

Allyl chloride

Concen: 17.297 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

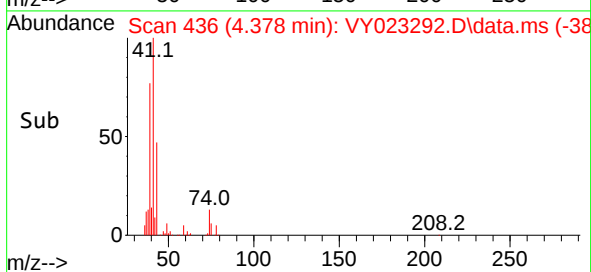
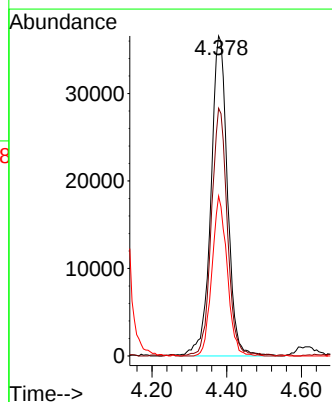
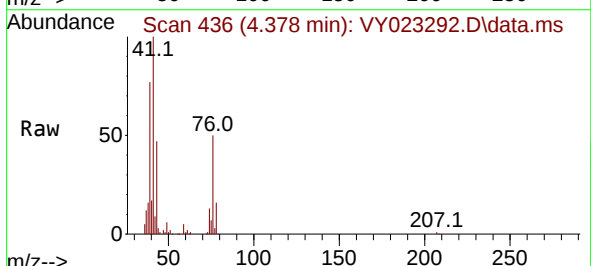
Tgt Ion: 41 Resp: 112614

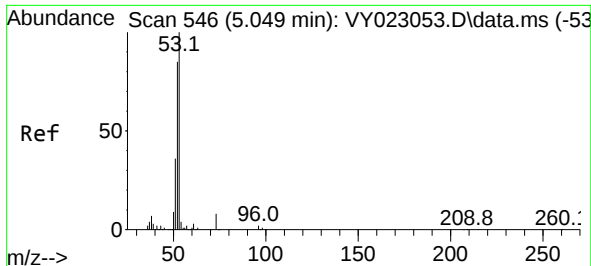
Ion Ratio Lower Upper

41 100

39 74.8 59.8 89.6

76 45.8 33.7 50.5

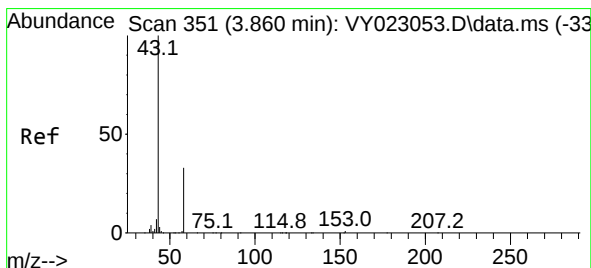
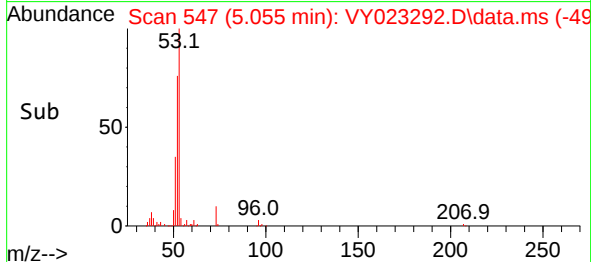
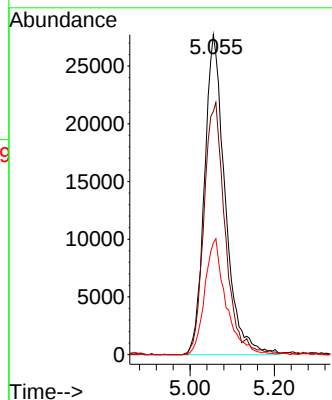
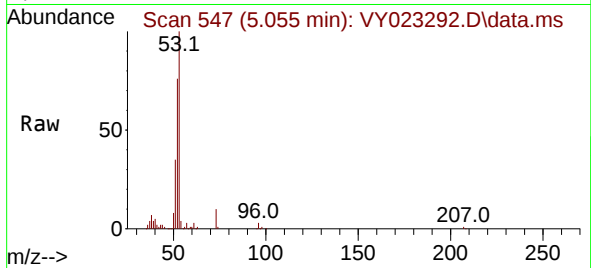




#15
Acrylonitrile
Concen: 96.449 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

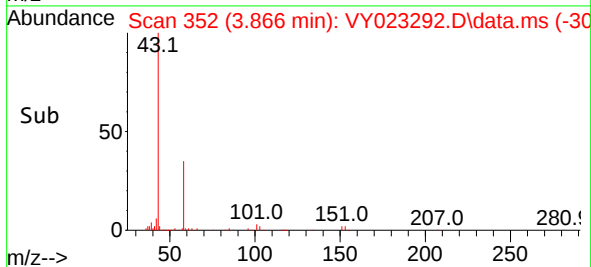
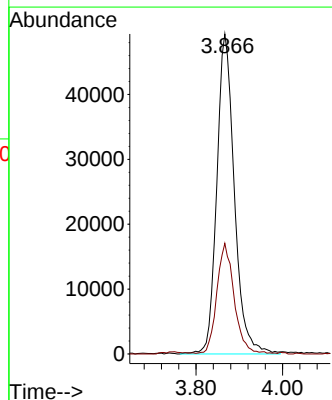
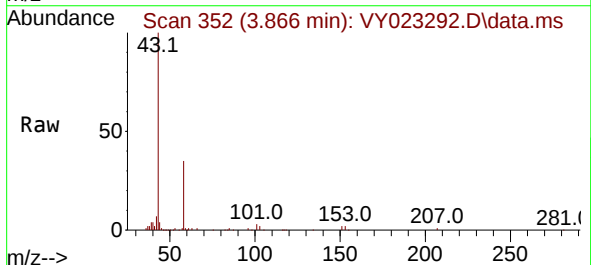
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 53 Resp: 94655
Ion Ratio Lower Upper
53 100
52 80.4 65.3 97.9
51 37.0 29.5 44.3



#16
Acetone
Concen: 146.674 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion: 43 Resp: 139054
Ion Ratio Lower Upper
43 100
58 34.1 27.1 40.7

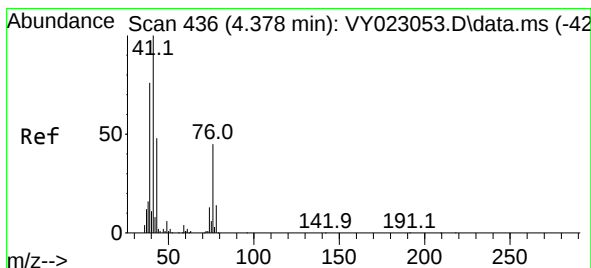
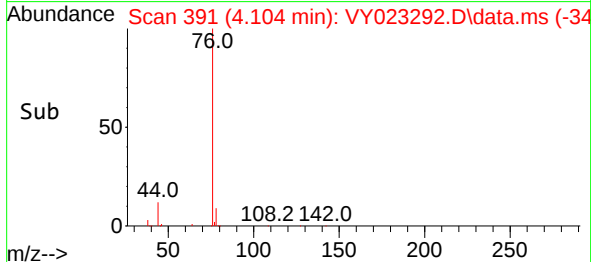
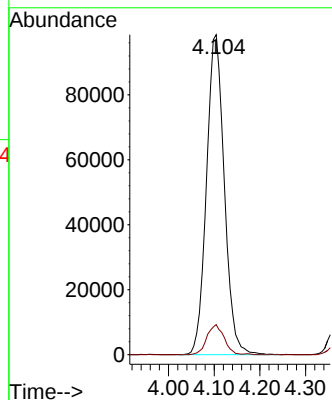
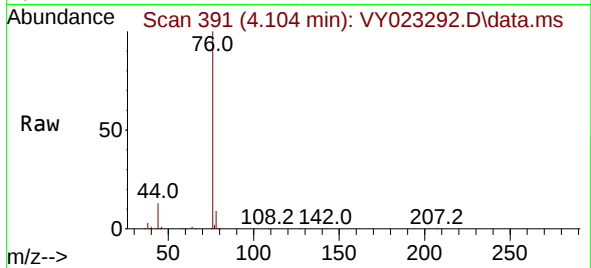




#17
Carbon Disulfide
Concen: 18.518 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

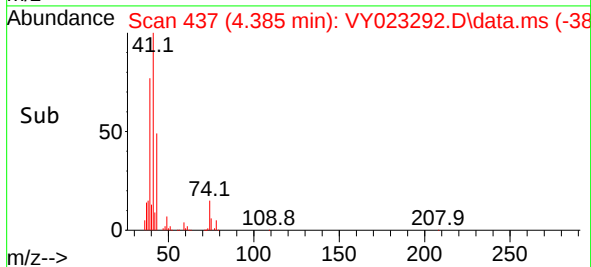
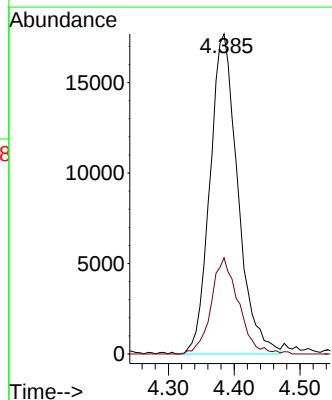
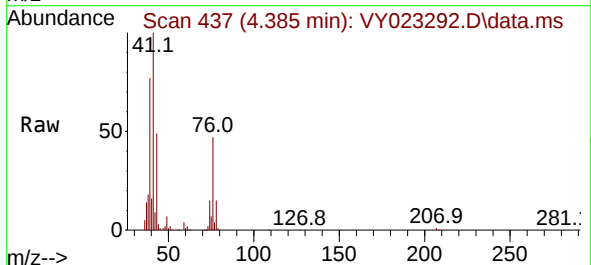
Instrument :
MSVOA_Y
ClientSampleId :

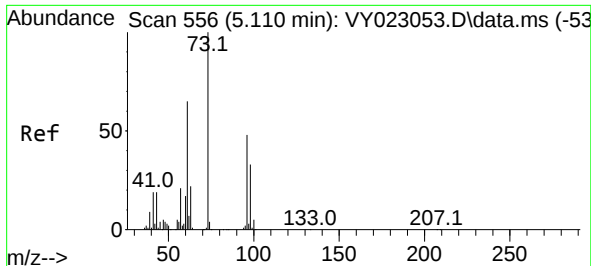
Tgt Ion: 76 Resp: 267156
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 18.468 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion: 43 Resp: 52103
Ion Ratio Lower Upper
43 100
74 29.6 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 18.751 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

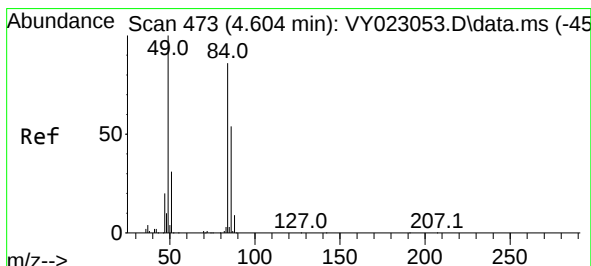
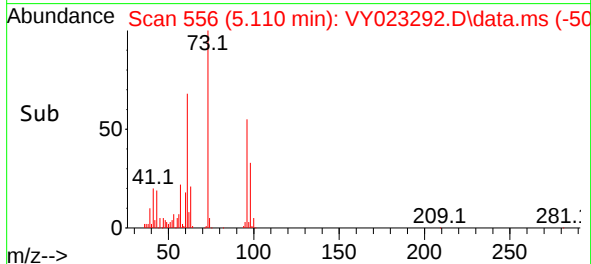
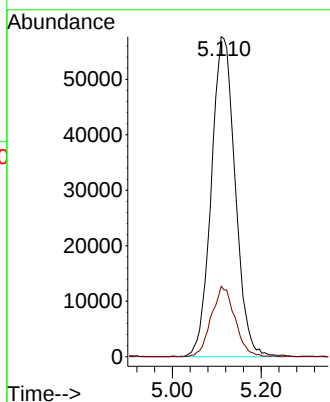
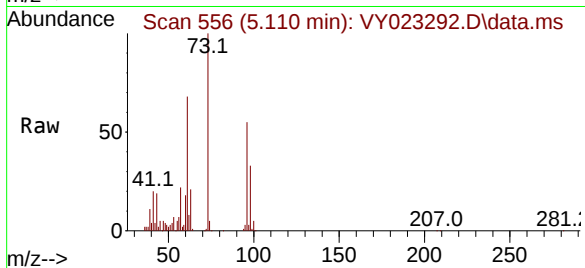
ClientSampleId :

Tgt Ion: 73 Resp: 214985

Ion Ratio Lower Upper

73 100

57 22.0 17.1 25.7



#20

Methylene Chloride

Concen: 19.848 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Tgt Ion: 84 Resp: 105853

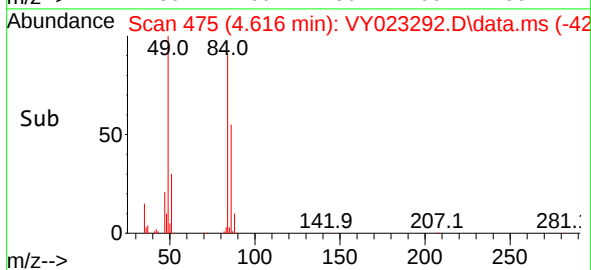
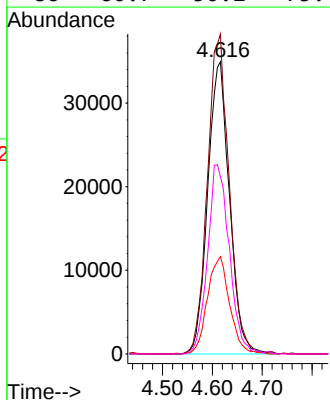
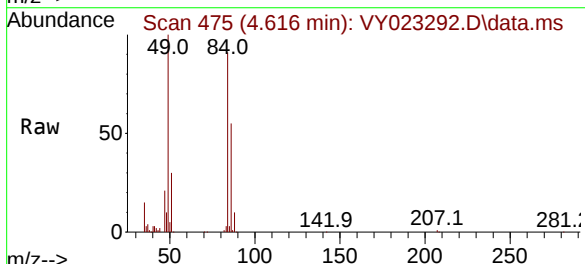
Ion Ratio Lower Upper

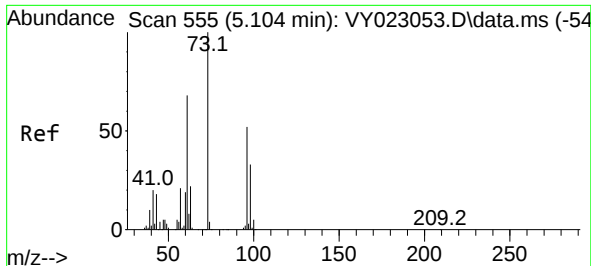
84 100

49 109.5 93.0 139.6

51 33.3 29.0 43.4

86 60.7 50.2 75.4

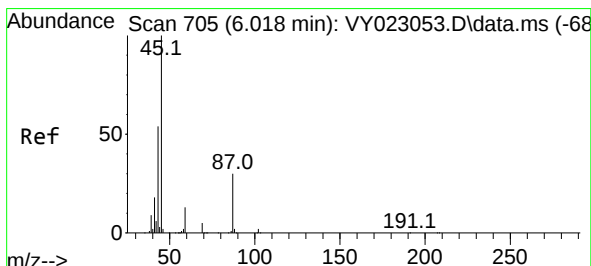
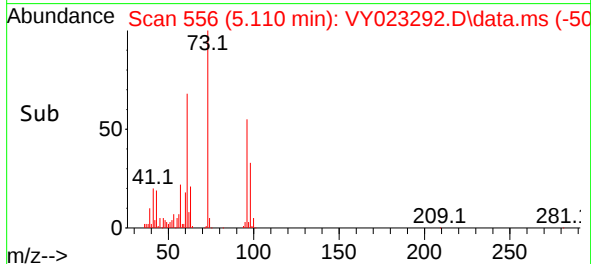
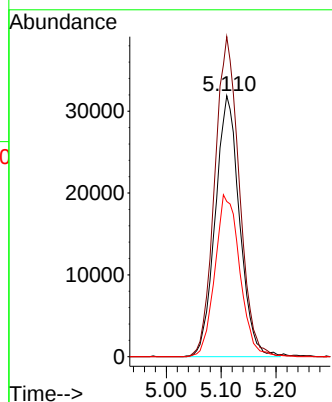
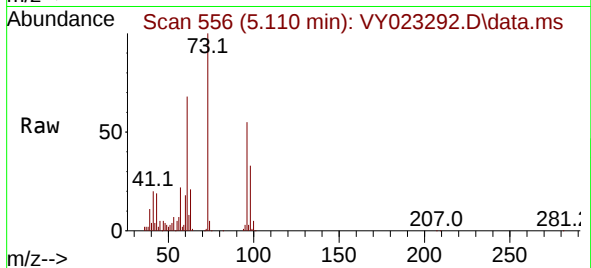




#21
trans-1,2-Dichloroethene
Concen: 19.718 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

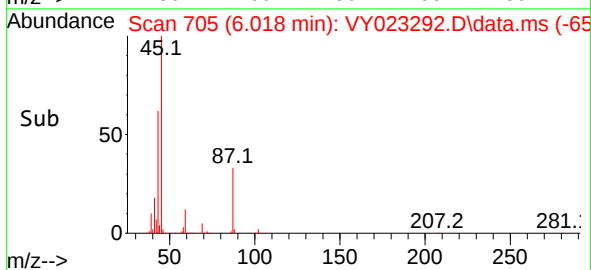
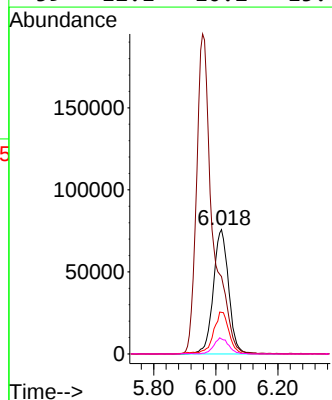
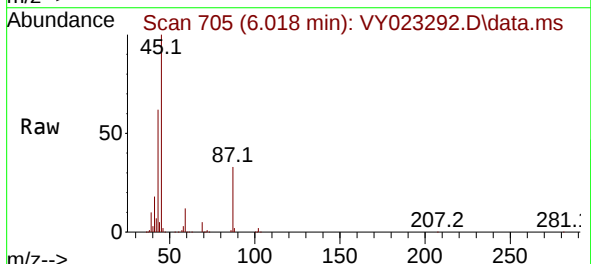
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 98046
Ion Ratio Lower Upper
96 100
61 122.6 104.8 157.2
98 59.5 50.1 75.1



#22
Diisopropyl ether
Concen: 18.346 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion: 45 Resp: 259552
Ion Ratio Lower Upper
45 100
43 62.2 43.4 65.0
87 33.4 24.4 36.6
59 12.1 10.2 15.4

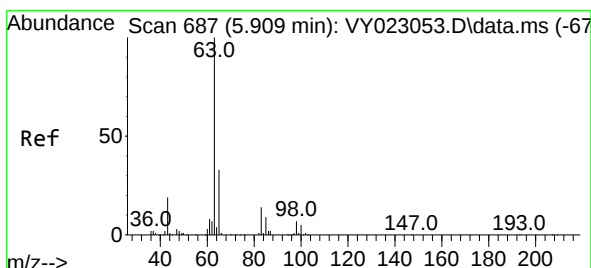
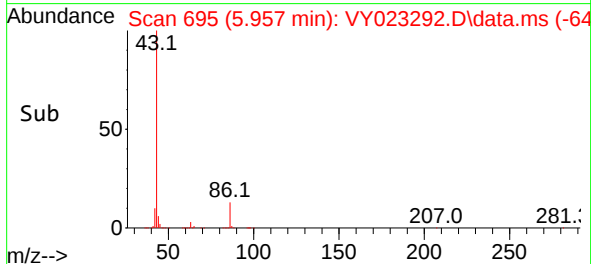
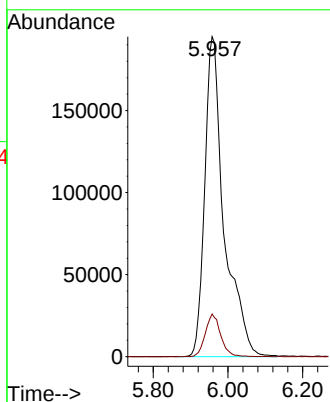
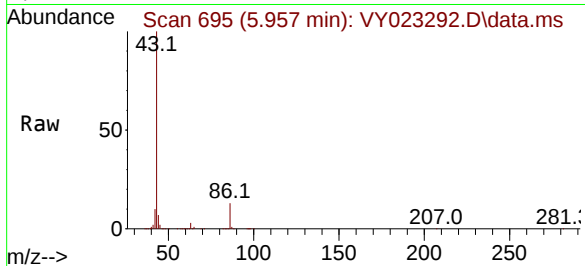




#23
 Vinyl Acetate
 Concen: 89.611 ug/l
 RT: 5.957 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY023292.D
 Acq: 05 Sep 2025 10:52

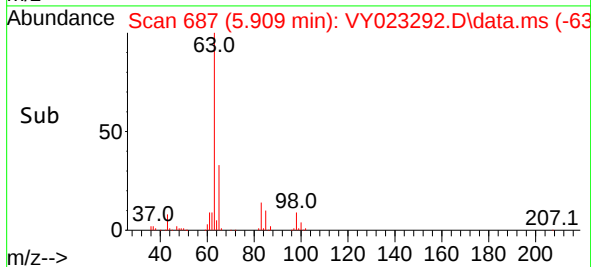
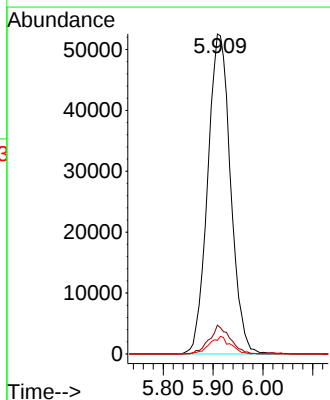
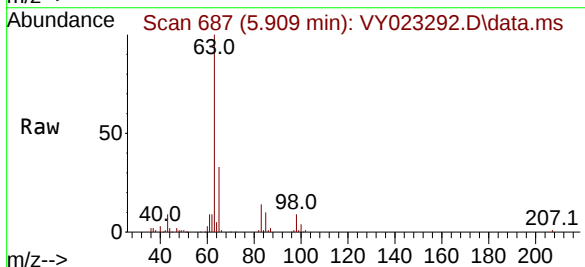
Instrument :
 MSVOA_Y
 ClientSampleId :

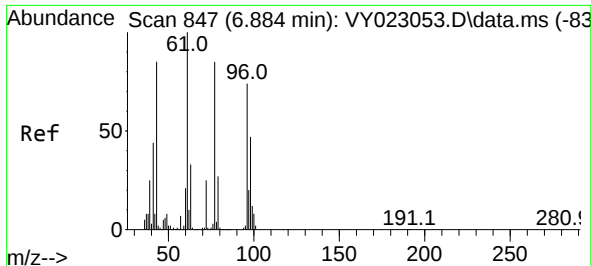
Tgt Ion: 43 Resp: 701009
 Ion Ratio Lower Upper
 43 100
 86 13.3 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 19.358 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY023292.D
 Acq: 05 Sep 2025 10:52

Tgt Ion: 63 Resp: 167435
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.5 10.6
 100 4.3 2.4 7.1





#25

2-Butanone

Concen: 115.664 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

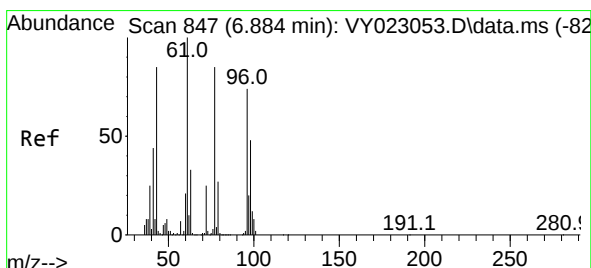
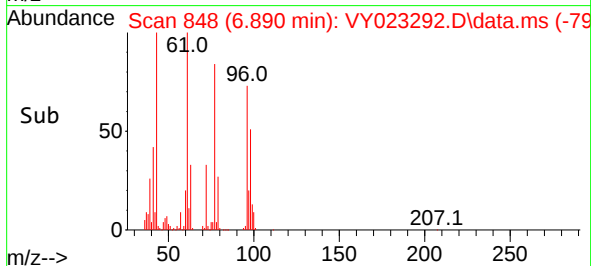
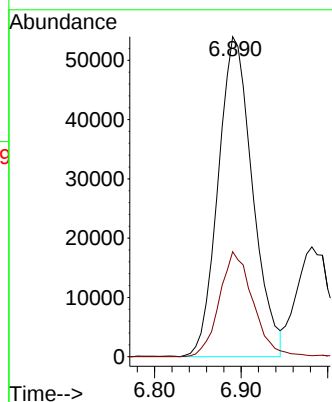
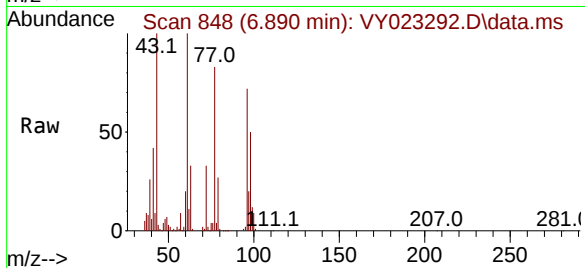
ClientSampleId :

Tgt Ion: 43 Resp: 149135

Ion Ratio Lower Upper

43 100

72 32.8 23.5 35.3



#26

2,2-Dichloropropane

Concen: 19.885 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY023292.D

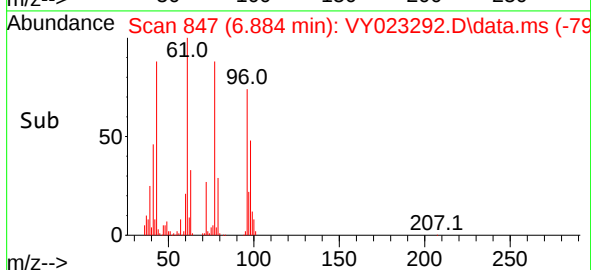
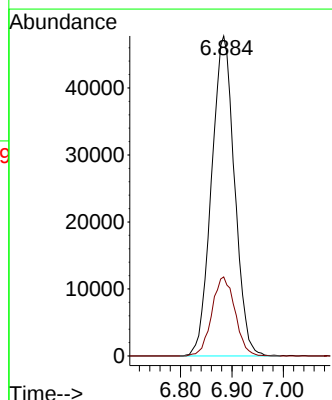
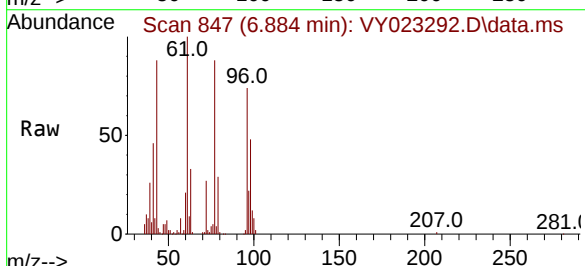
Acq: 05 Sep 2025 10:52

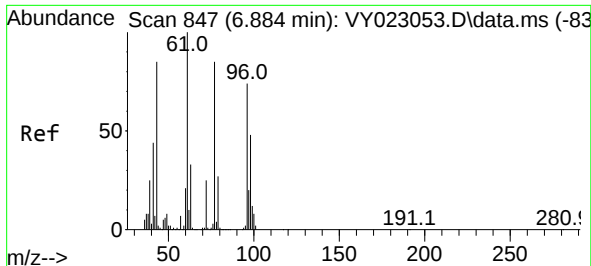
Tgt Ion: 77 Resp: 148410

Ion Ratio Lower Upper

77 100

97 24.8 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 19.689 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

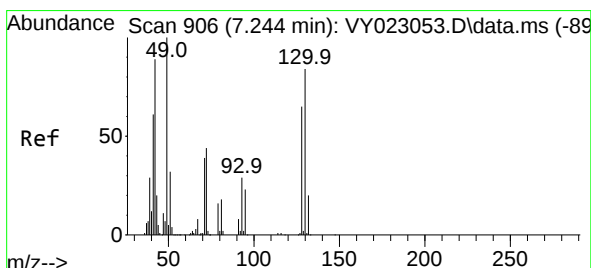
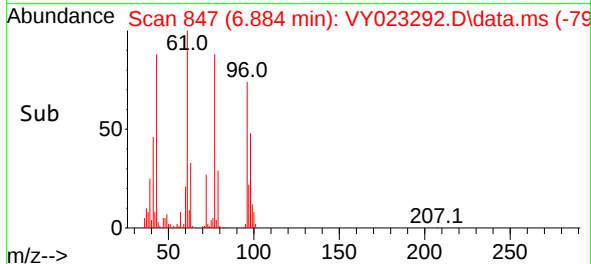
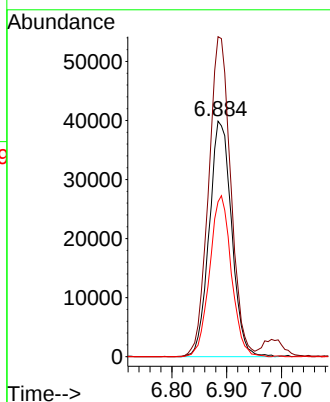
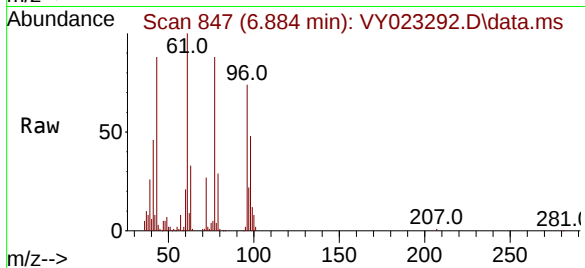
Tgt Ion: 96 Resp: 113181

Ion Ratio Lower Upper

96 100

61 134.6 0.0 278.6

98 66.2 0.0 130.4



#28

Bromochloromethane

Concen: 19.796 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

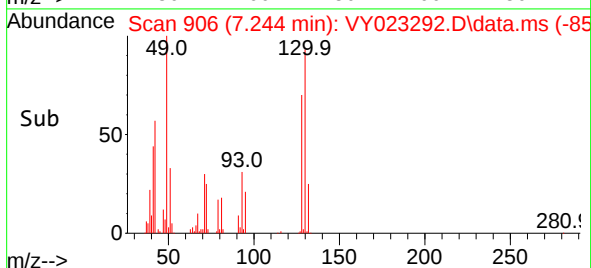
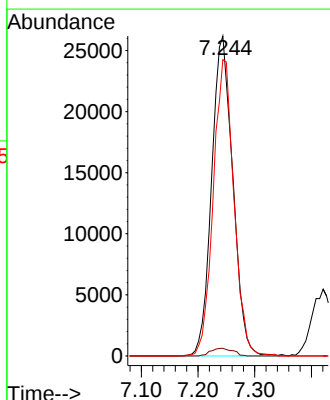
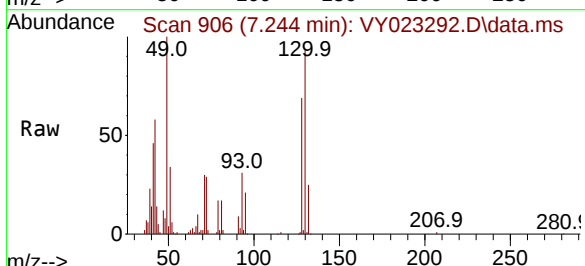
Tgt Ion: 49 Resp: 67931

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 90.5 66.4 99.6





#29

Tetrahydrofuran

Concen: 89.941 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

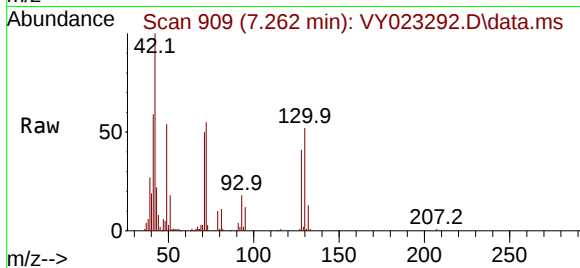
Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :



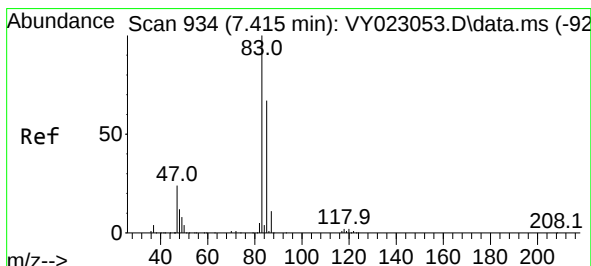
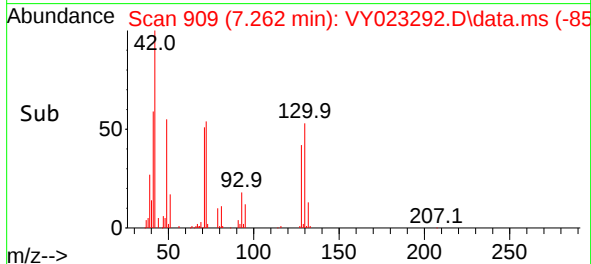
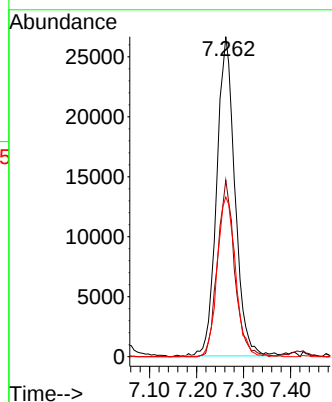
Tgt Ion: 42 Resp: 71884

Ion Ratio Lower Upper

42 100

72 51.9 39.4 59.2

71 50.5 36.5 54.7



#30

Chloroform

Concen: 20.553 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023292.D

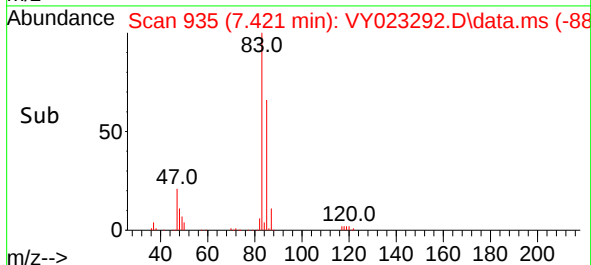
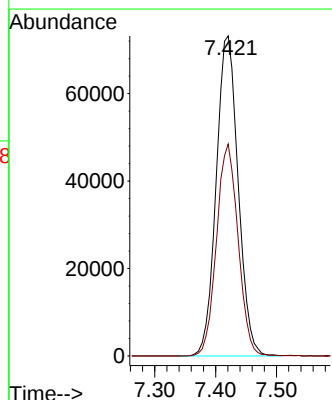
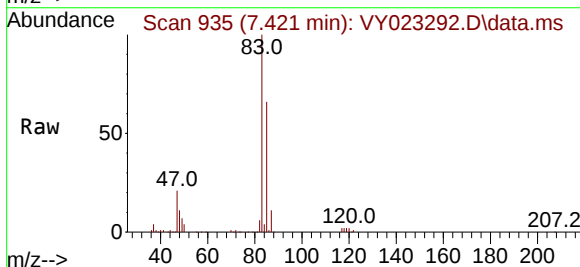
Acq: 05 Sep 2025 10:52

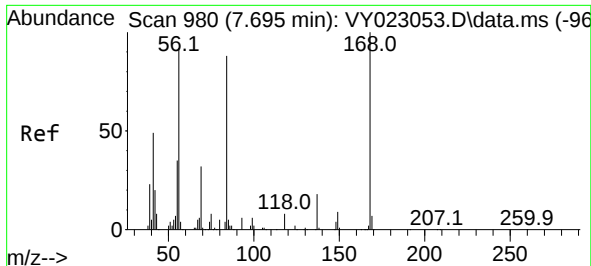
Tgt Ion: 83 Resp: 183341

Ion Ratio Lower Upper

83 100

85 66.3 53.8 80.8

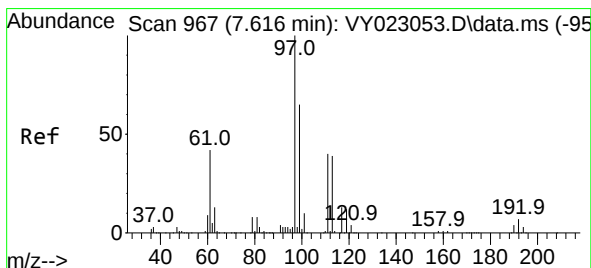
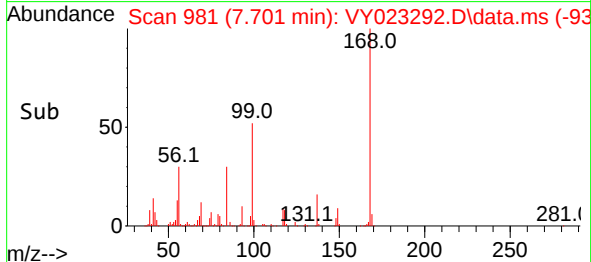
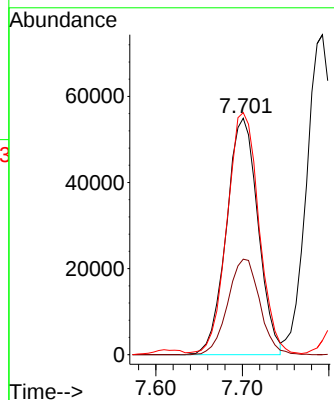
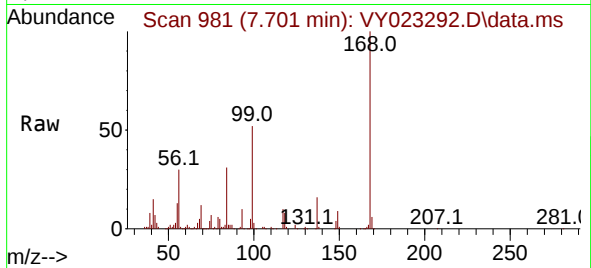




#31
Cyclohexane
Concen: 17.096 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

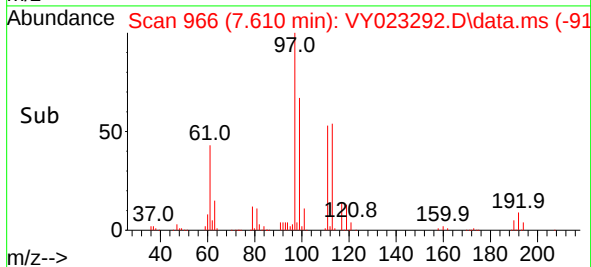
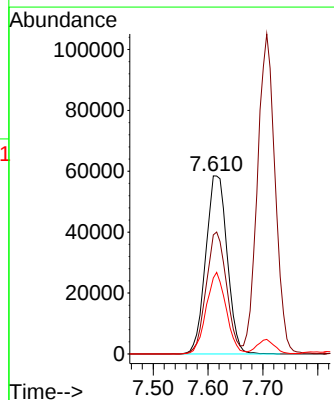
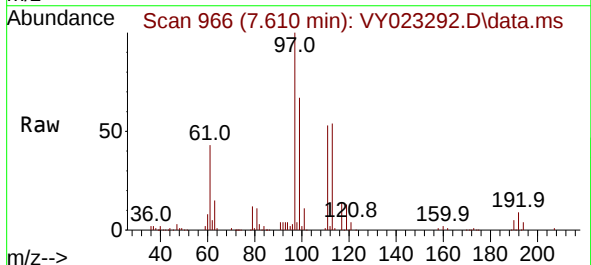
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 139348
Ion Ratio Lower Upper
56 100
69 40.4 28.2 42.2
84 100.6 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 20.079 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion: 97 Resp: 158931
Ion Ratio Lower Upper
97 100
99 64.9 51.6 77.4
61 42.7 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 48.254 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

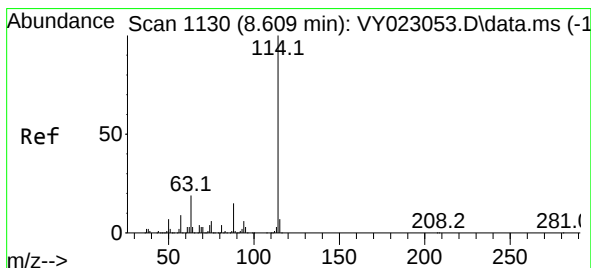
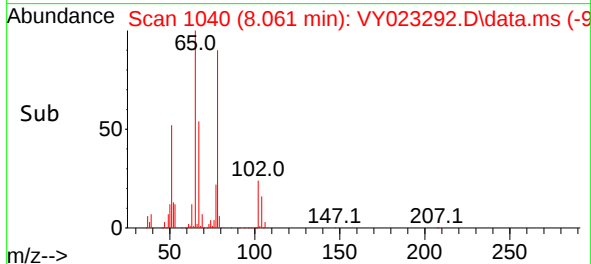
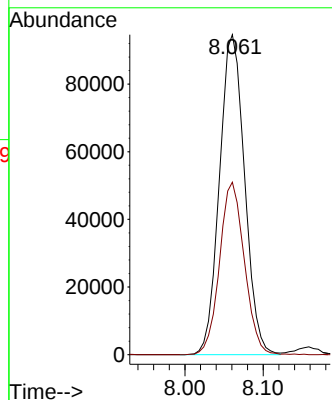
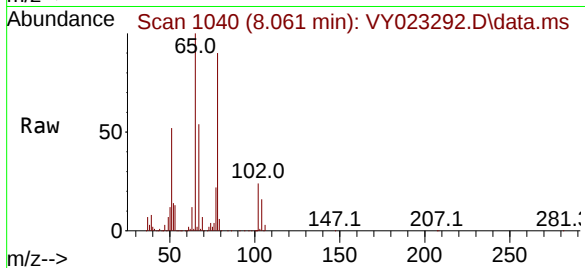
ClientSampleId :

Tgt Ion: 65 Resp: 211163

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

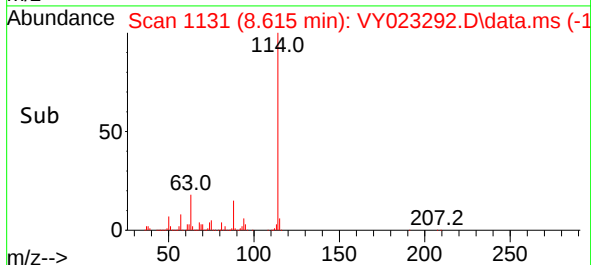
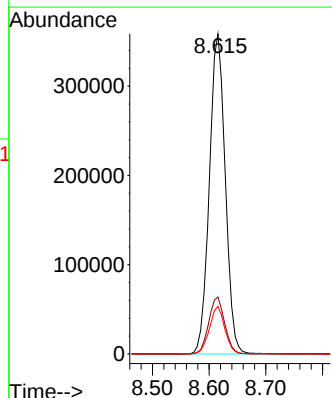
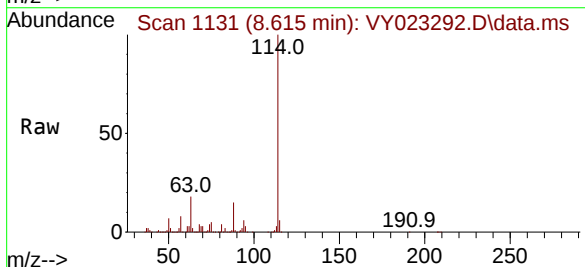
Tgt Ion:114 Resp: 698662

Ion Ratio Lower Upper

114 100

63 17.8 0.0 38.4

88 14.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 53.238 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.006 min

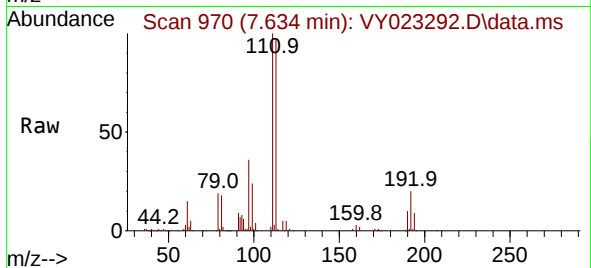
Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :



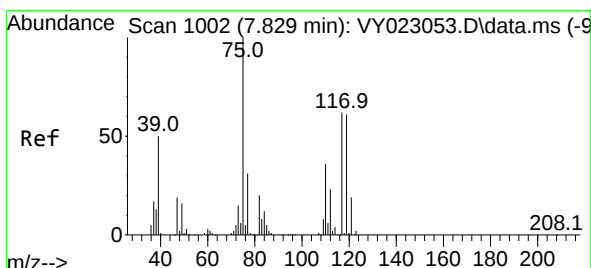
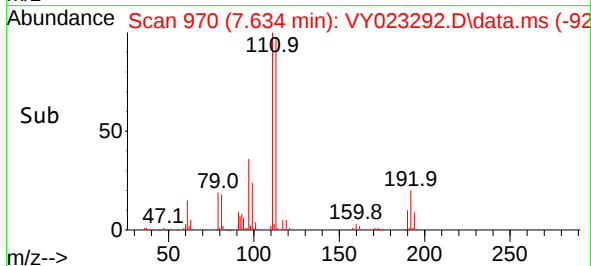
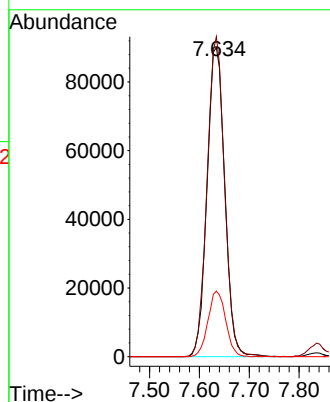
Tgt Ion:113 Resp: 222566

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

192 21.1 16.2 24.4



#36

1,1-Dichloropropene

Concen: 19.504 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

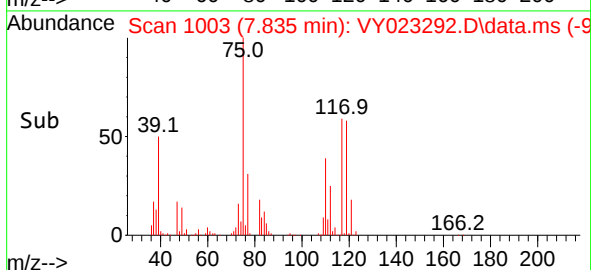
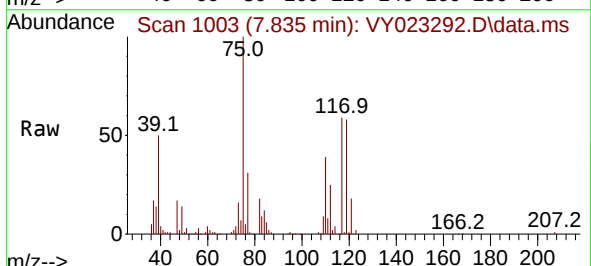
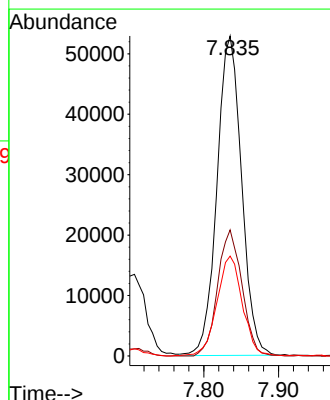
Tgt Ion: 75 Resp: 121179

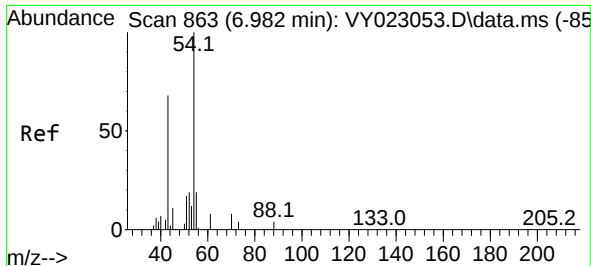
Ion Ratio Lower Upper

75 100

110 39.0 18.1 54.4

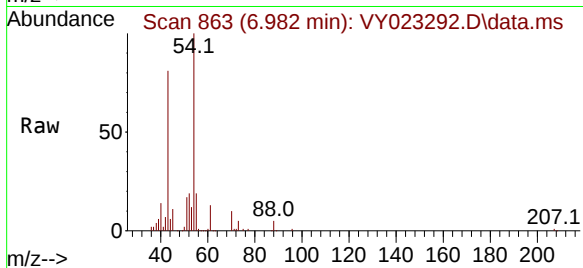
77 32.4 24.6 37.0



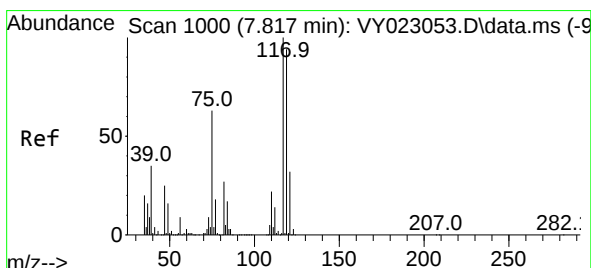
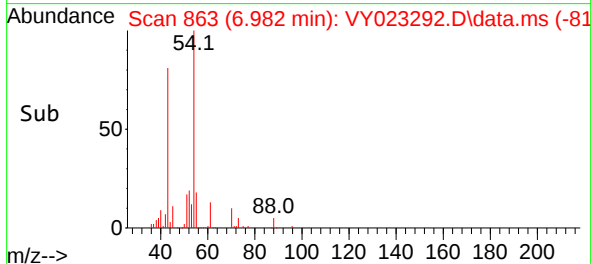
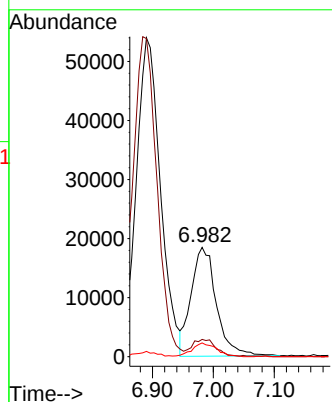


#37
Ethyl Acetate
Concen: 20.349 ug/l
RT: 6.982 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Instrument :
MSVOA_Y
ClientSampleId :

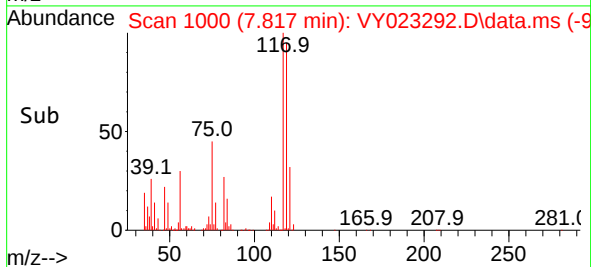
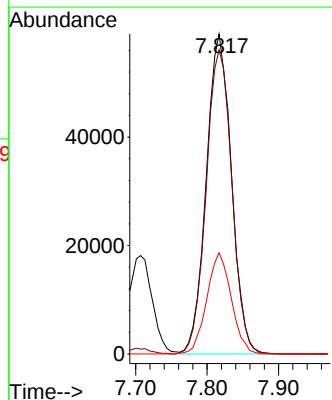
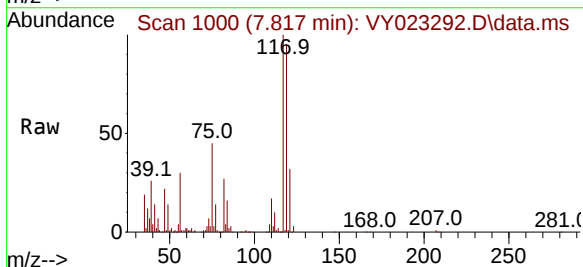


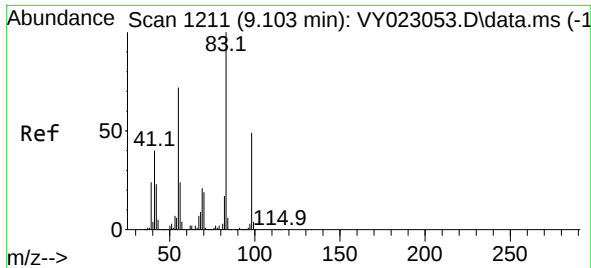
Tgt Ion: 43 Resp: 53109
Ion Ratio Lower Upper
43 100
61 14.6 11.9 17.9
70 12.2 8.8 13.2



#38
Carbon Tetrachloride
Concen: 21.374 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion: 117 Resp: 144232
Ion Ratio Lower Upper
117 100
119 95.1 75.6 113.4
121 31.6 25.8 38.8

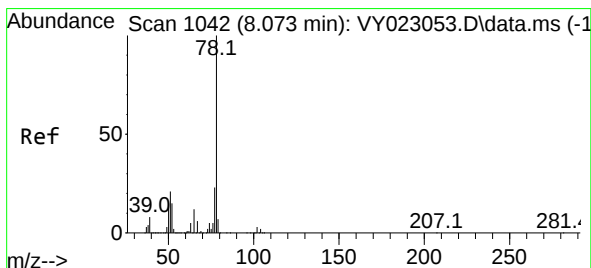
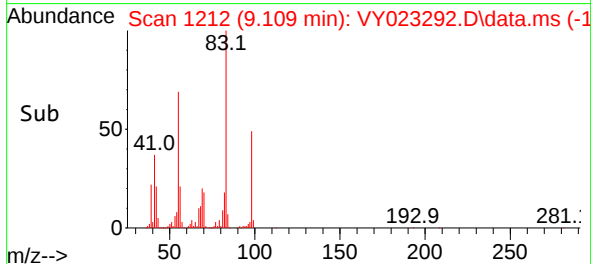
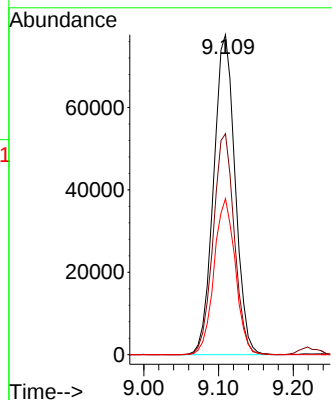
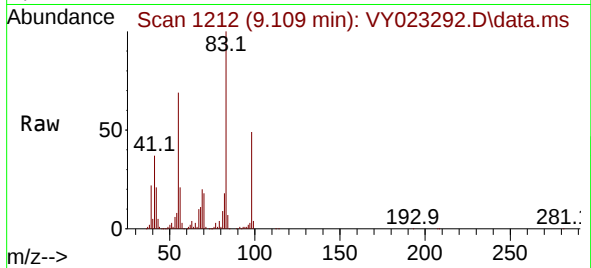




#39
Methylcyclohexane
Concen: 19.009 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

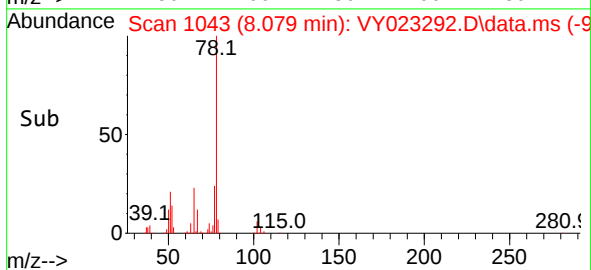
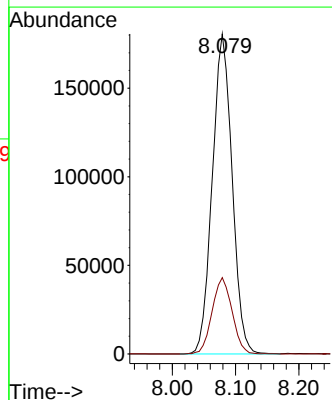
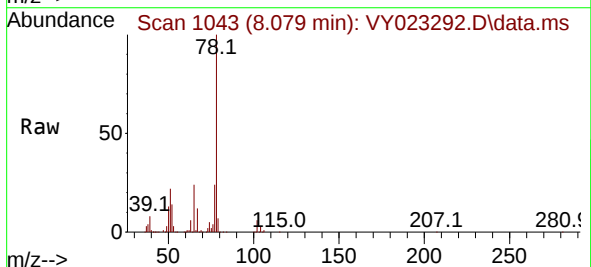
Instrument :
MSVOA_Y
ClientSampleId :

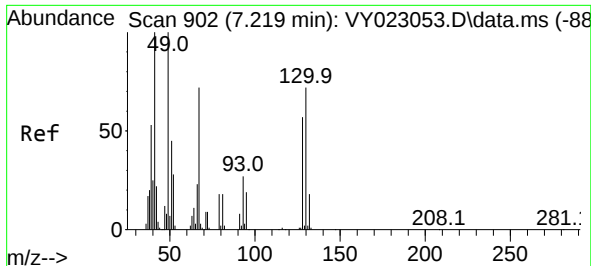
Tgt Ion: 83 Resp: 155527
Ion Ratio Lower Upper
83 100
55 69.1 57.6 86.4
98 48.8 39.2 58.8



#40
Benzene
Concen: 20.513 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

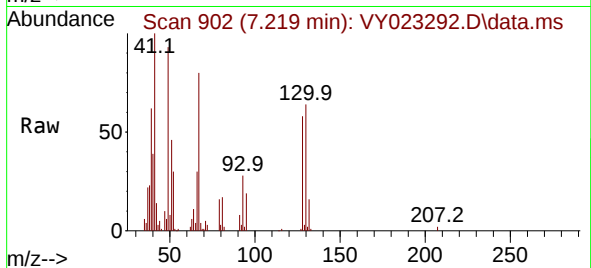
Tgt Ion: 78 Resp: 392806
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0



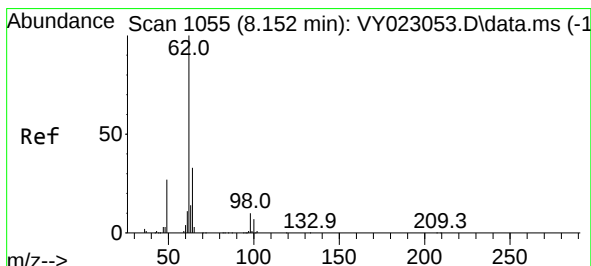
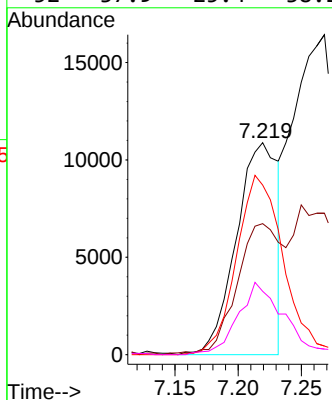
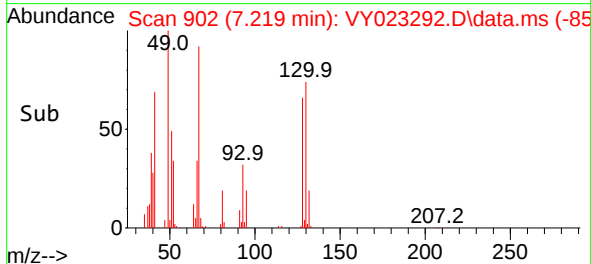


#41
Methacrylonitrile
Concen: 16.517 ug/l
RT: 7.219 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

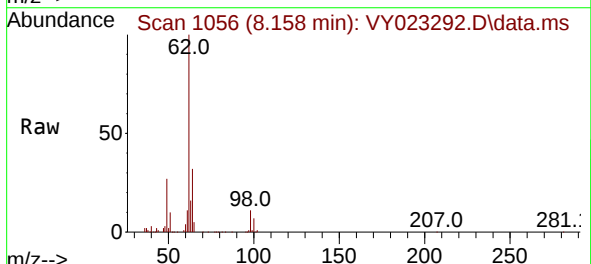
Instrument :
MSVOA_Y
ClientSampleId :



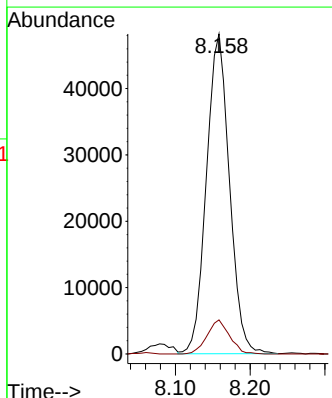
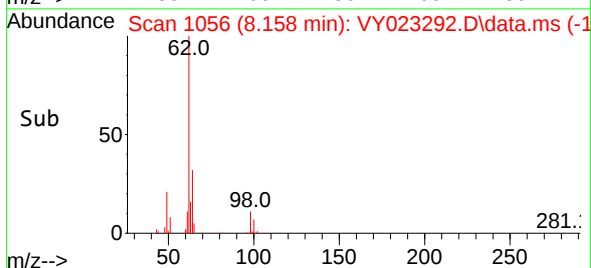
Tgt Ion:	41	Resp:	24878
Ion	Ratio	Lower	Upper
41	100		
39	69.0	43.4	65.2#
67	95.6	63.6	95.4#
52	37.9	25.4	38.2



#42
1,2-Dichloroethane
Concen: 20.730 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52



Tgt Ion:	62	Resp:	103244
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.6

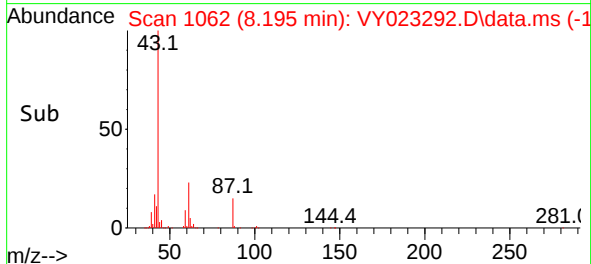
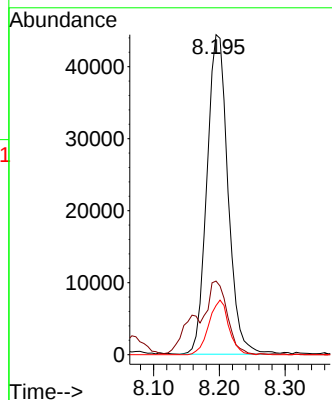
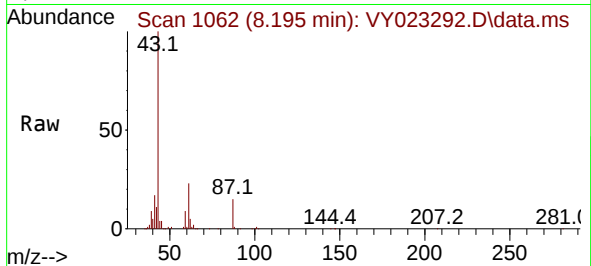




#43
Isopropyl Acetate
Concen: 18.751 ug/l
RT: 8.195 min Scan# 110
Delta R.T. -0.000 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

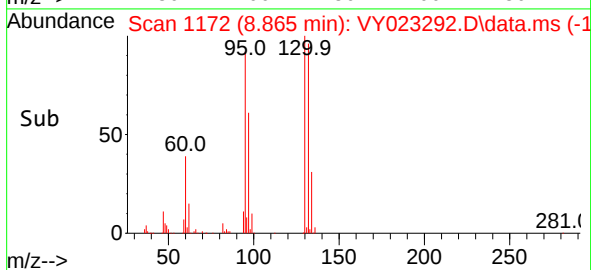
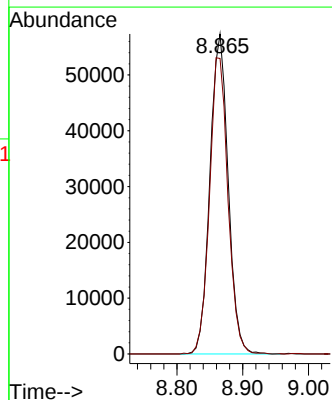
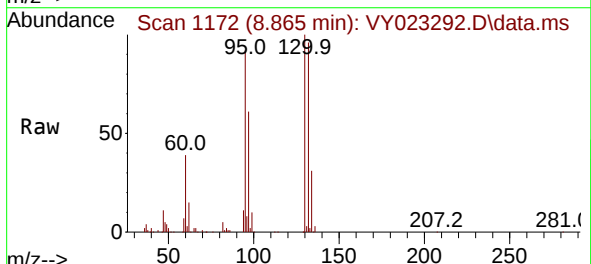
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 98909
Ion Ratio Lower Upper
43 100
61 22.3 16.4 24.6
87 16.2 11.8 17.6



#44
Trichloroethene
Concen: 22.373 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion:130 Resp: 110714
Ion Ratio Lower Upper
130 100
95 92.3 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.150 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

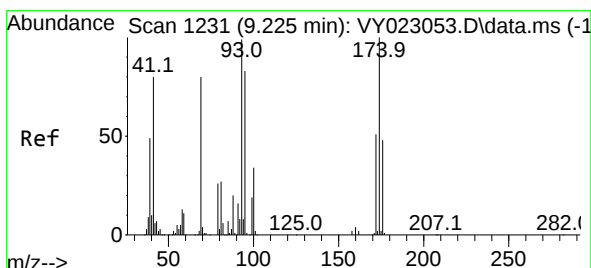
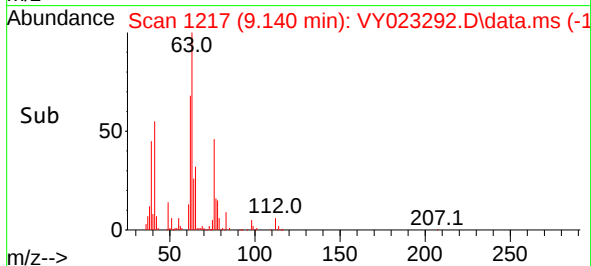
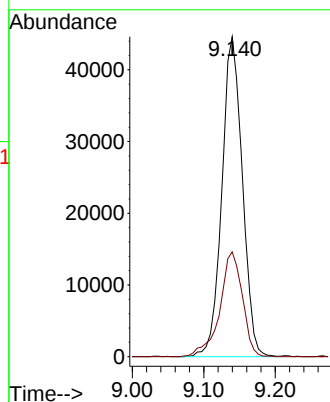
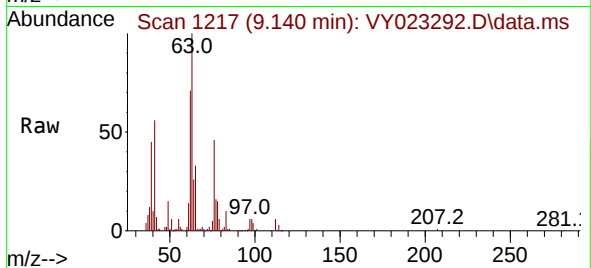
ClientSampleId :

Tgt Ion: 63 Resp: 88783

Ion Ratio Lower Upper

63 100

65 32.7 25.3 37.9



#46

Dibromomethane

Concen: 21.766 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

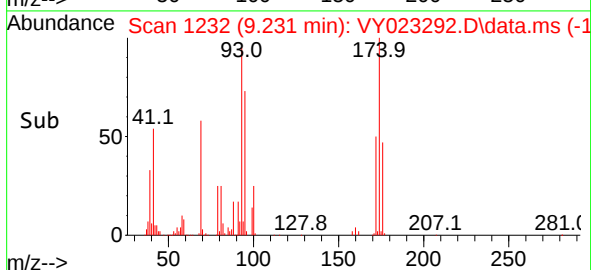
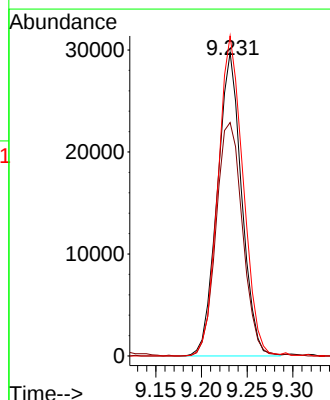
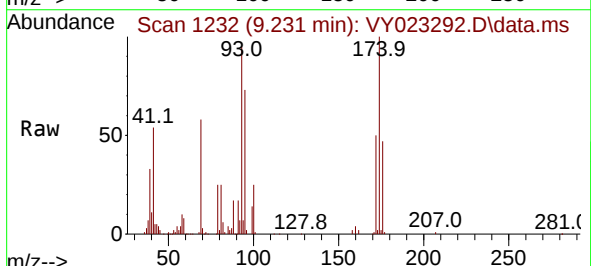
Tgt Ion: 93 Resp: 55044

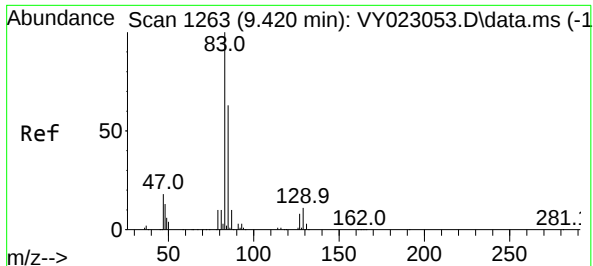
Ion Ratio Lower Upper

93 100

95 83.9 66.5 99.7

174 109.0 81.8 122.8

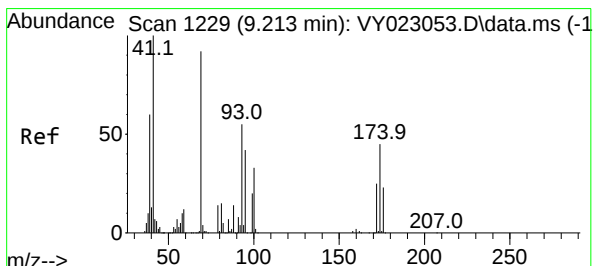
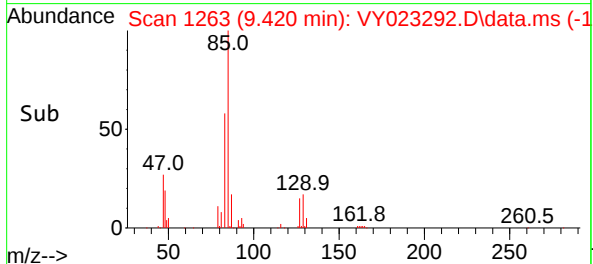
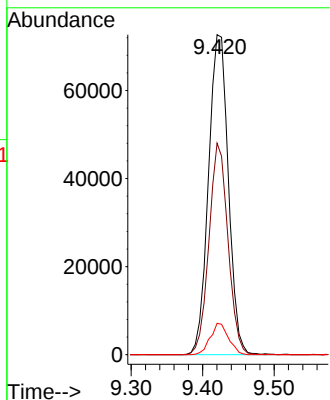
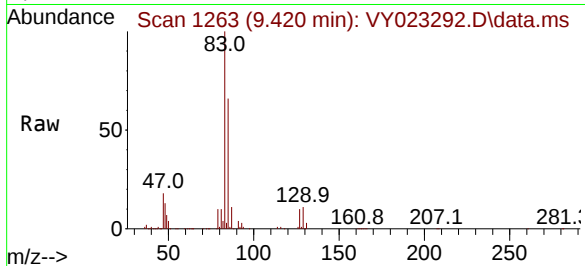




#47
Bromodichloromethane
Concen: 21.533 ug/l
RT: 9.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

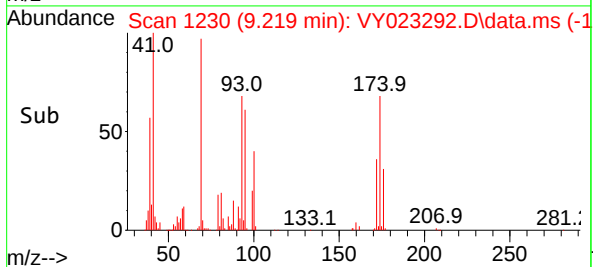
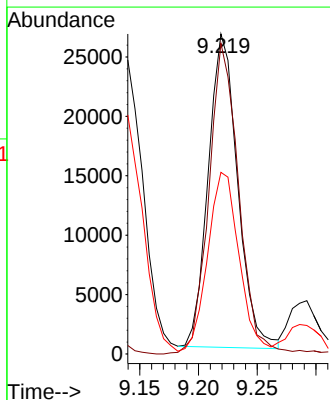
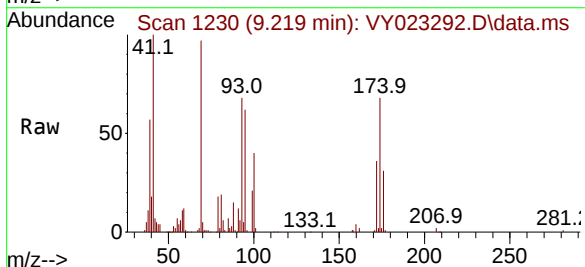
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 140121
Ion Ratio Lower Upper
83 100
85 66.1 50.2 75.4
127 9.8 6.6 10.0



#48
Methyl methacrylate
Concen: 18.175 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion: 41 Resp: 45878
Ion Ratio Lower Upper
41 100
69 101.3 73.2 109.8
39 60.5 47.0 70.4





#49

1,4-Dioxane

Concen: 415.685 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

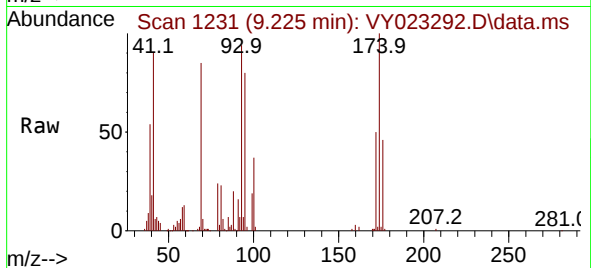
Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :



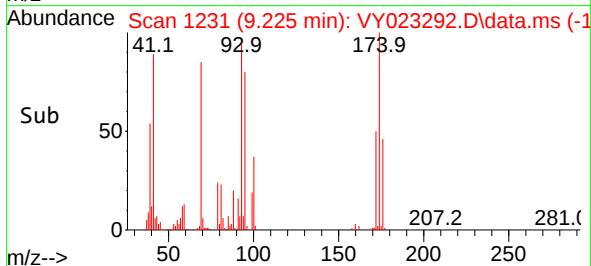
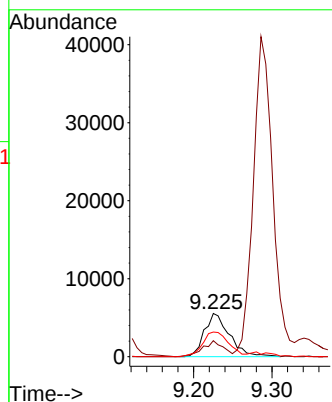
Tgt Ion: 88 Resp: 12326

Ion Ratio Lower Upper

88 100

43 30.4 24.3 36.5

58 60.1 55.4 83.0



#50

Toluene-d8

Concen: 50.898 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY023292.D

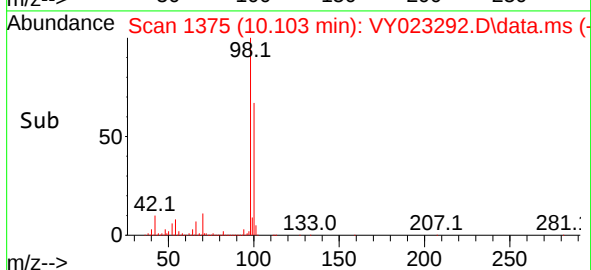
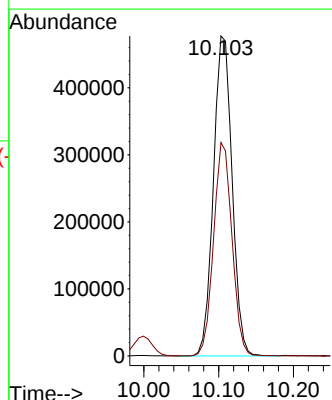
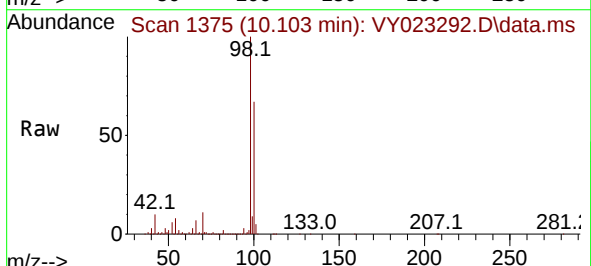
Acq: 05 Sep 2025 10:52

Tgt Ion: 98 Resp: 831257

Ion Ratio Lower Upper

98 100

100 65.9 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 96.839 ug/l

RT: 9.999 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

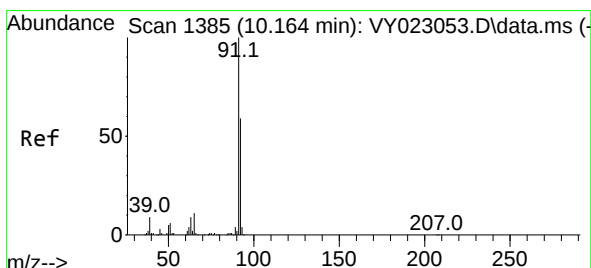
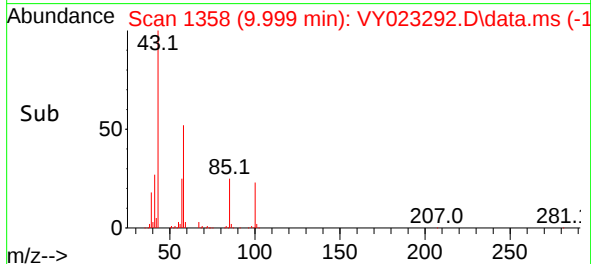
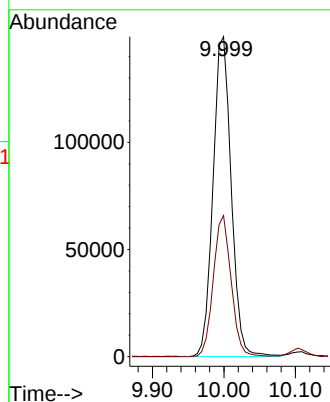
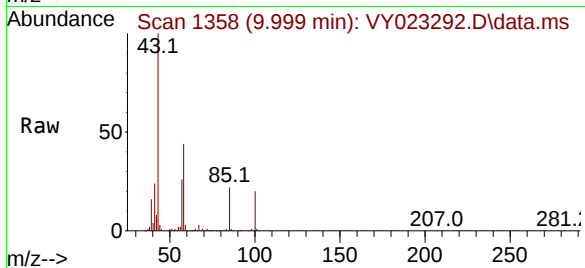
ClientSampleId :

Tgt Ion: 43 Resp: 263496

Ion Ratio Lower Upper

43 100

58 43.3 33.5 50.3



#52

Toluene

Concen: 20.671 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023292.D

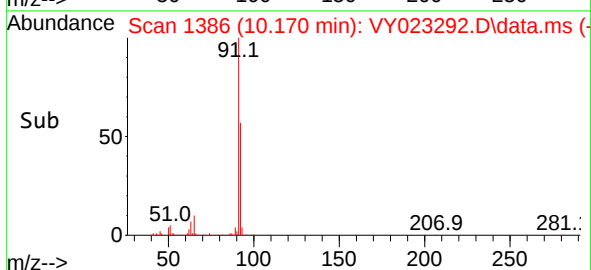
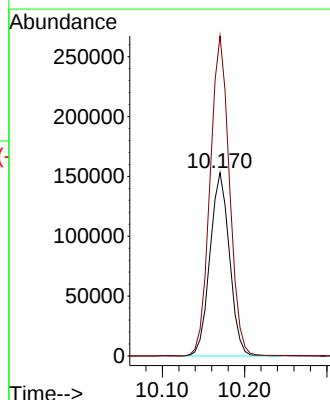
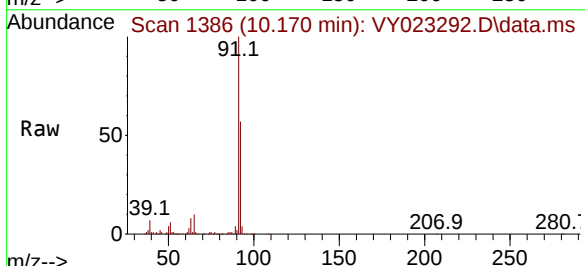
Acq: 05 Sep 2025 10:52

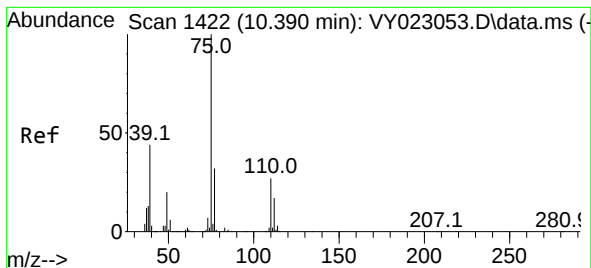
Tgt Ion: 92 Resp: 251403

Ion Ratio Lower Upper

92 100

91 174.3 136.4 204.6

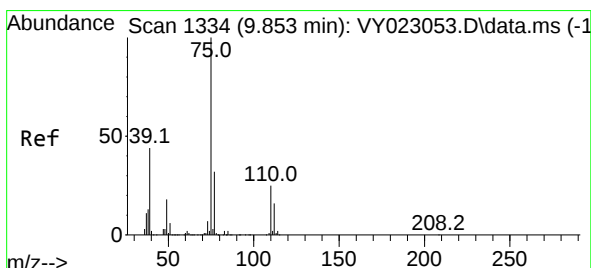
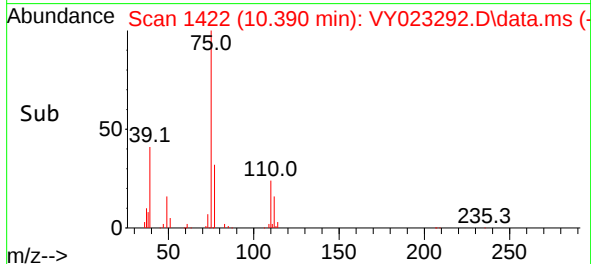
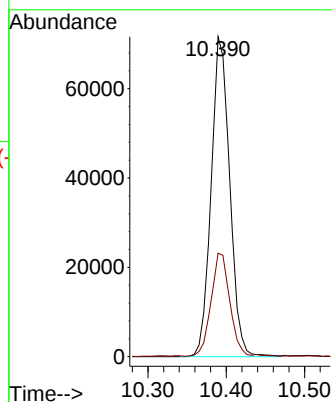
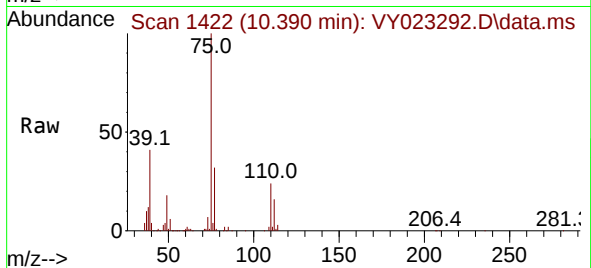




#53
 t-1,3-Dichloropropene
 Concen: 19.991 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY023292.D
 Acq: 05 Sep 2025 10:52

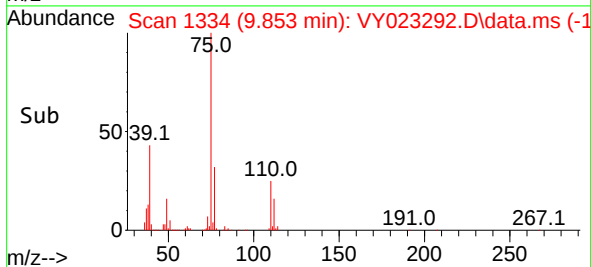
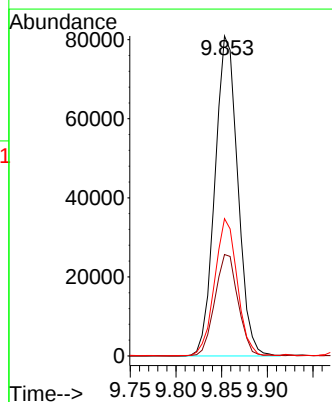
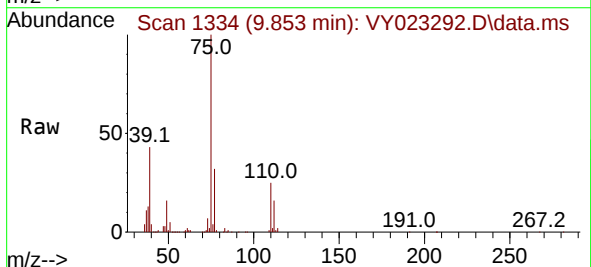
Instrument :
 MSVOA_Y
 ClientSampleId :

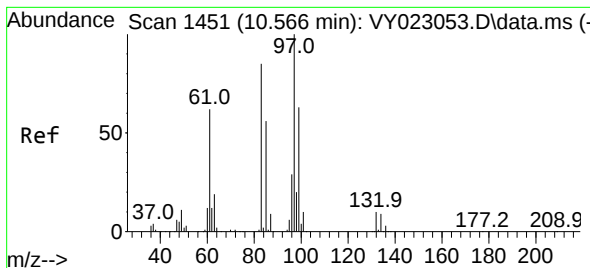
Tgt Ion: 75 Resp: 117800
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.7 38.5



#54
 cis-1,3-Dichloropropene
 Concen: 20.219 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY023292.D
 Acq: 05 Sep 2025 10:52

Tgt Ion: 75 Resp: 140885
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0
 39 42.7 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 22.119 ug/l

RT: 10.572 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 74850

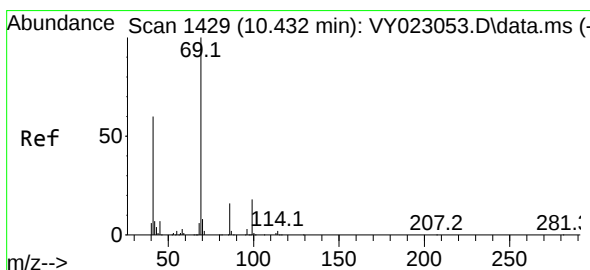
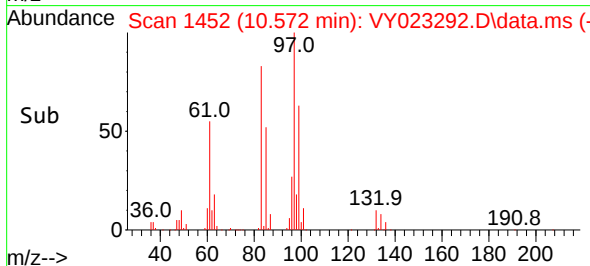
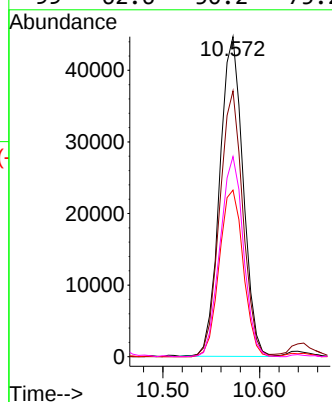
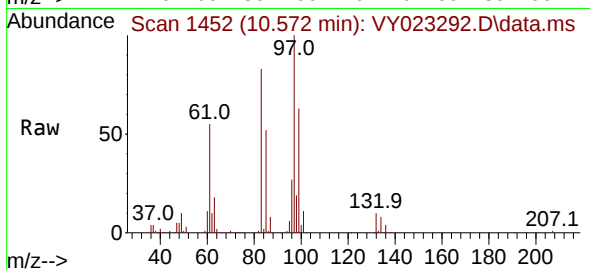
Ion Ratio Lower Upper

97 100

83 83.2 67.7 101.5

85 52.1 44.5 66.7

99 62.6 50.2 75.2



#56

Ethyl methacrylate

Concen: 18.982 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

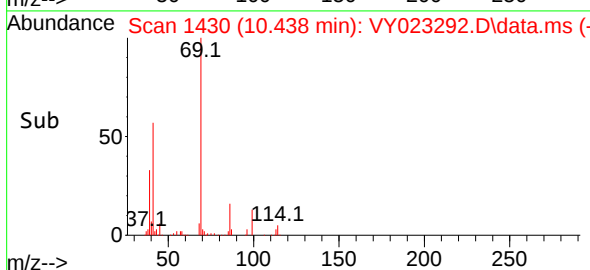
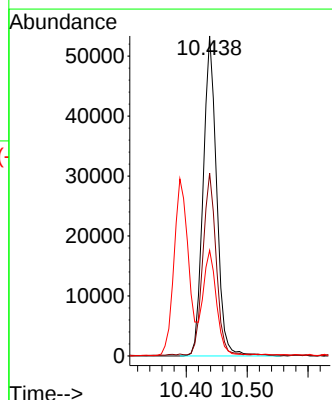
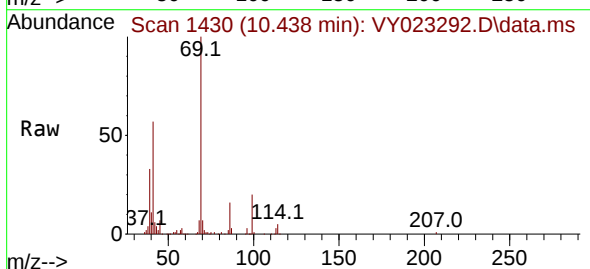
Tgt Ion: 69 Resp: 82192

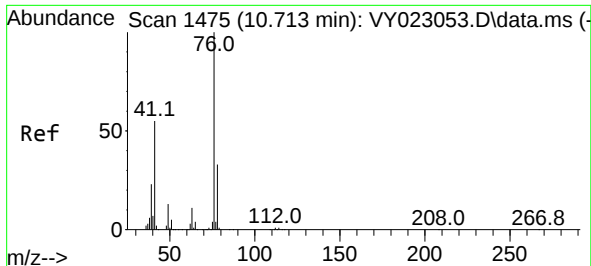
Ion Ratio Lower Upper

69 100

41 55.5 48.6 72.8

39 31.2 27.0 40.4





#57

1,3-Dichloropropane

Concen: 20.977 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

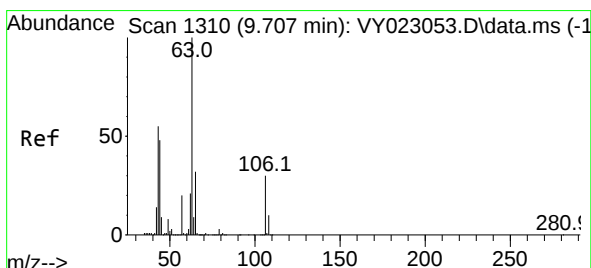
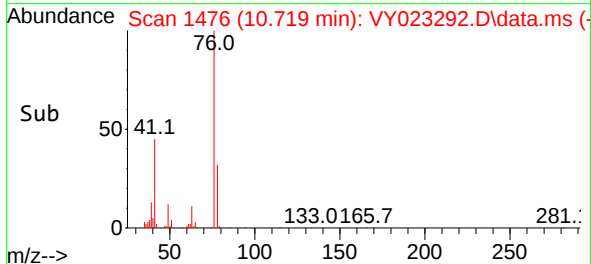
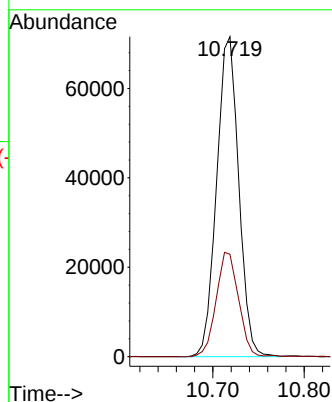
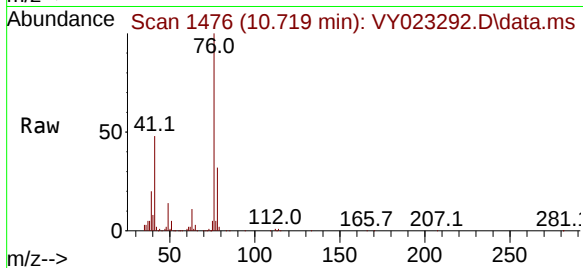
ClientSampleId :

Tgt Ion: 76 Resp: 120384

Ion Ratio Lower Upper

76 100

78 33.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 91.914 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023292.D

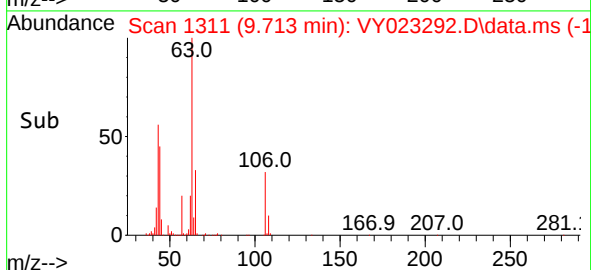
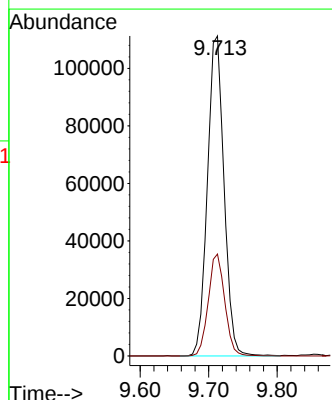
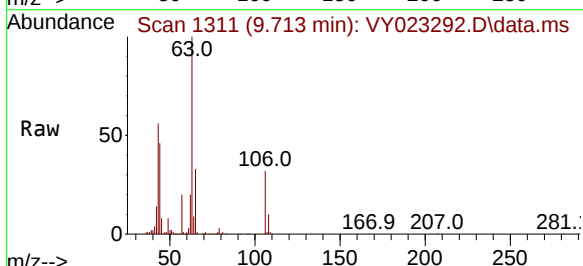
Acq: 05 Sep 2025 10:52

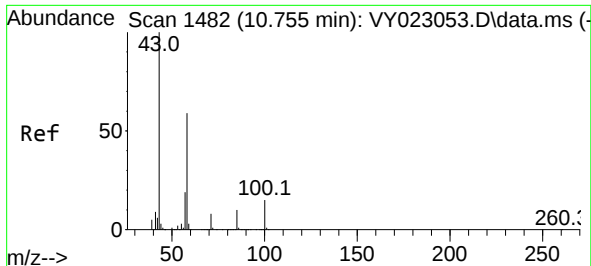
Tgt Ion: 63 Resp: 187734

Ion Ratio Lower Upper

63 100

106 31.5 23.2 34.8

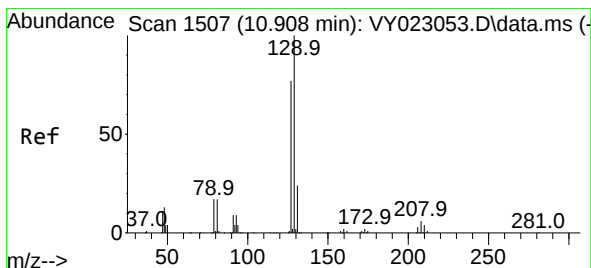
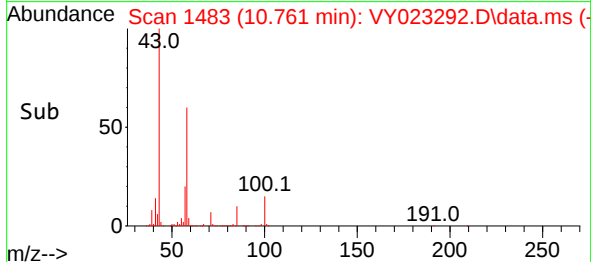
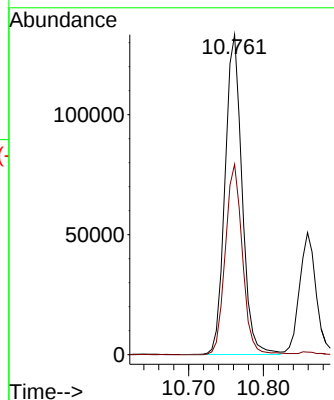
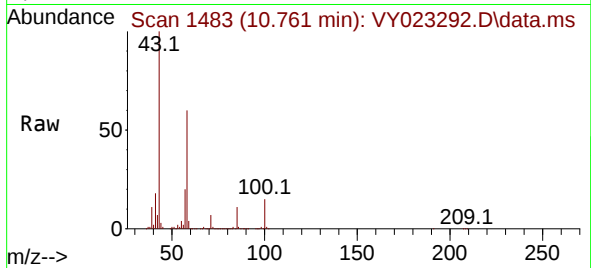




#59
2-Hexanone
Concen: 113.898 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

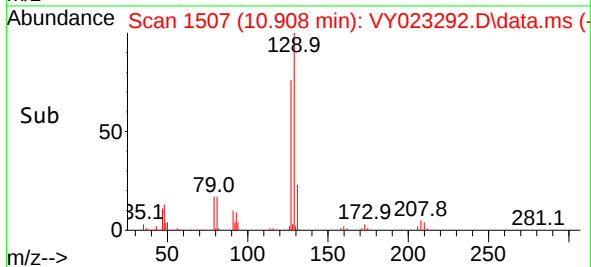
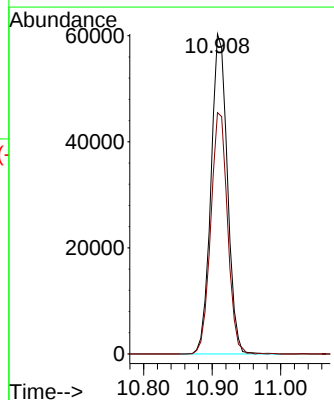
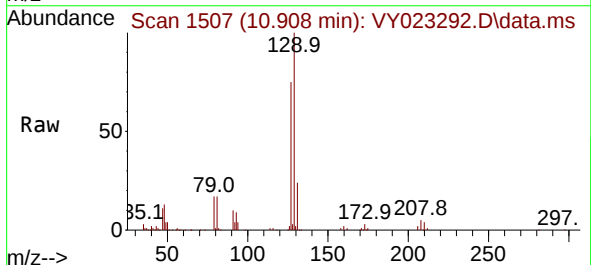
Instrument :
MSVOA_Y
ClientSampleId :

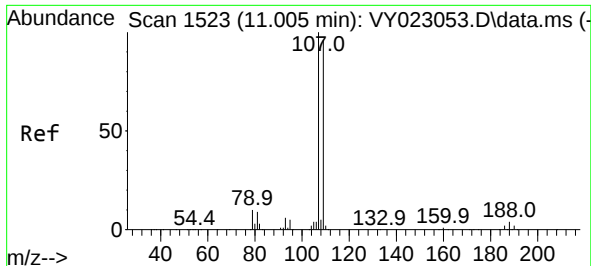
Tgt Ion: 43 Resp: 211031
Ion Ratio Lower Upper
43 100
58 59.8 29.5 88.5



#60
Dibromochloromethane
Concen: 22.542 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion: 129 Resp: 100651
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

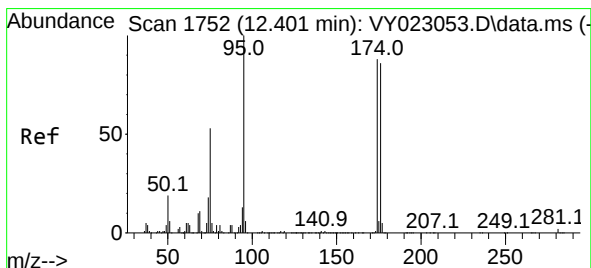
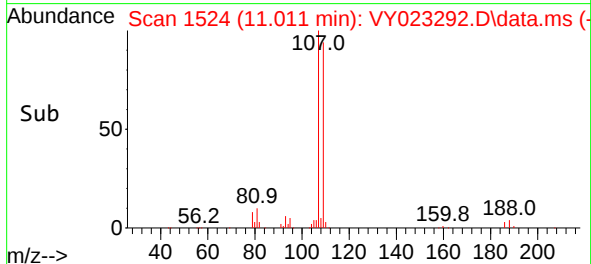
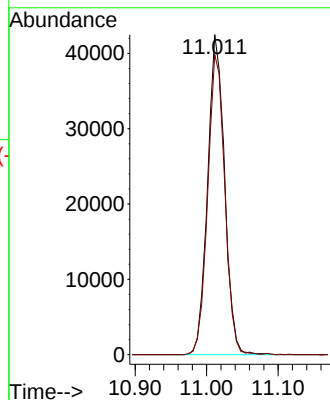
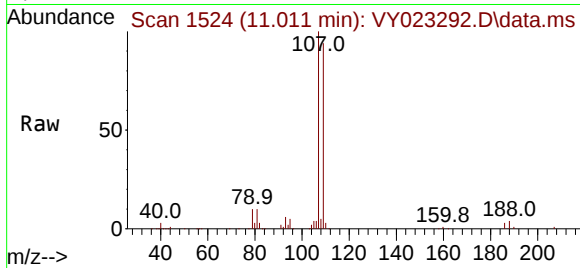




#61
1,2-Dibromoethane
Concen: 21.948 ug/l
RT: 11.011 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

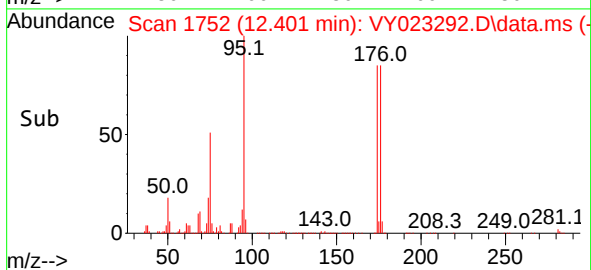
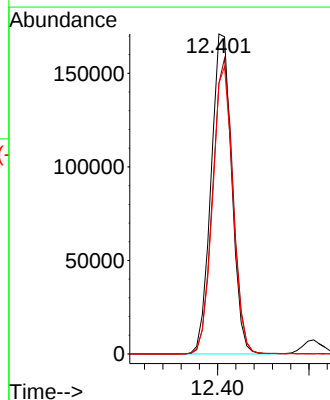
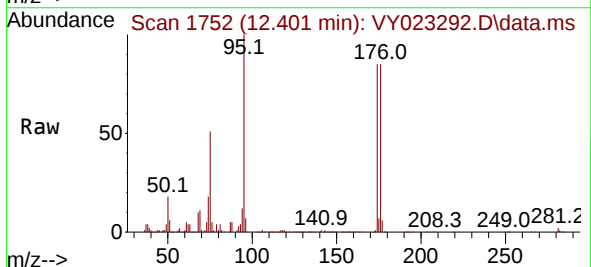
Instrument :
MSVOA_Y
ClientSampleId :

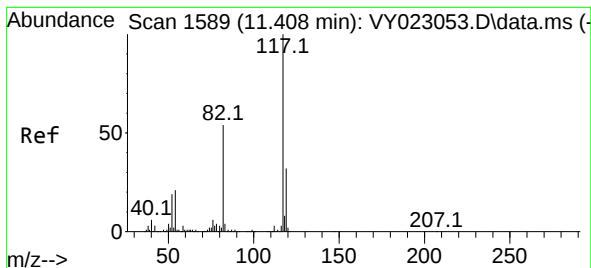
Tgt Ion:107 Resp: 69805
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.138 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion: 95 Resp: 268589
Ion Ratio Lower Upper
95 100
174 91.2 0.0 171.6
176 88.3 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

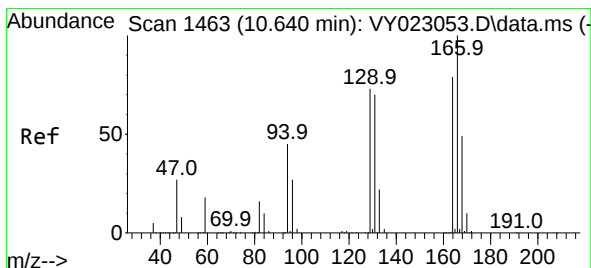
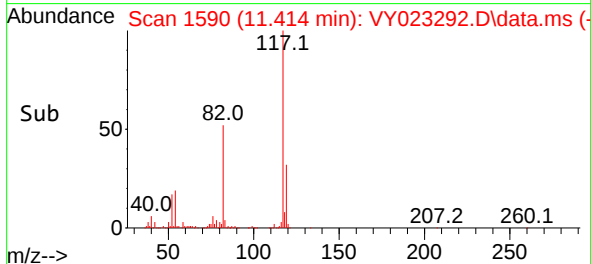
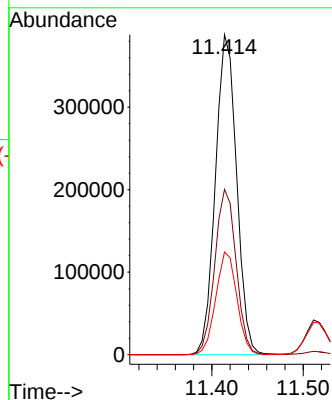
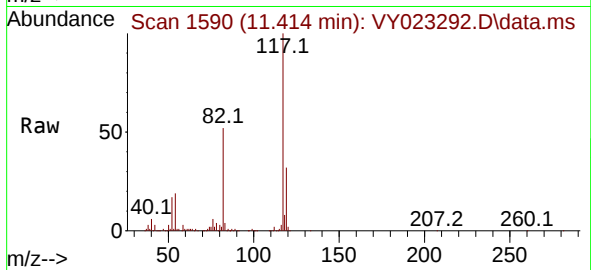
Tgt Ion:117 Resp: 626042

Ion Ratio Lower Upper

117 100

82 51.7 43.4 65.0

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 24.195 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Tgt Ion:164 Resp: 135251

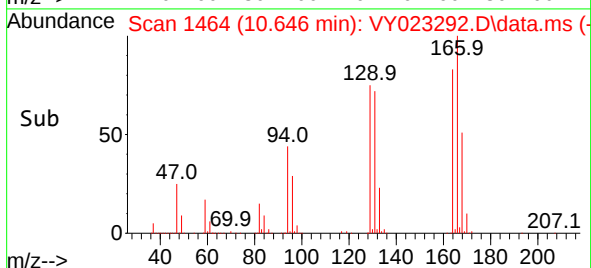
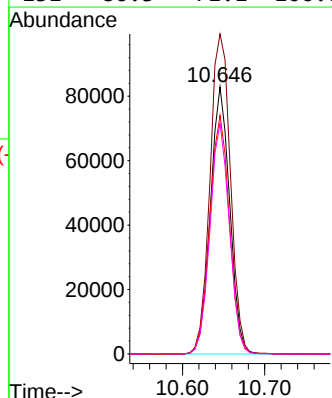
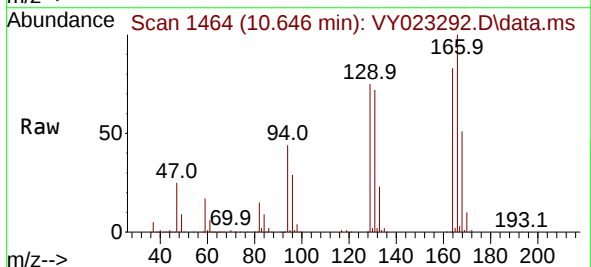
Ion Ratio Lower Upper

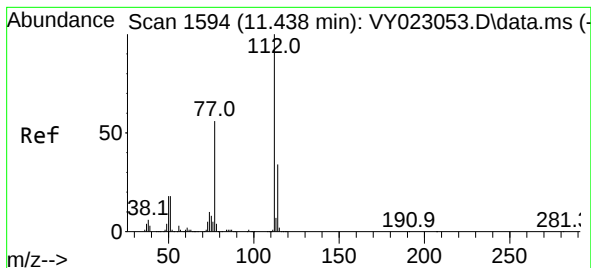
164 100

166 119.8 101.1 151.7

129 89.3 74.0 111.0

131 86.3 71.1 106.7

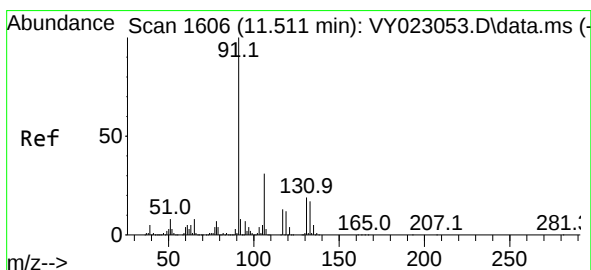
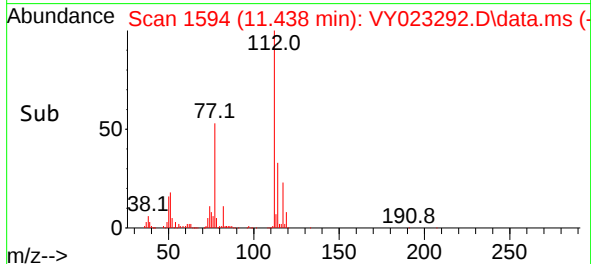
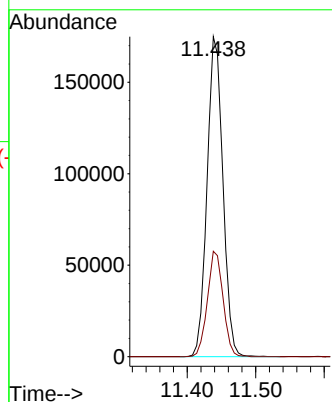
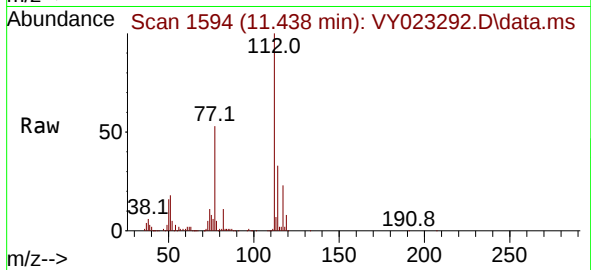




#65
Chlorobenzene
Concen: 20.813 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

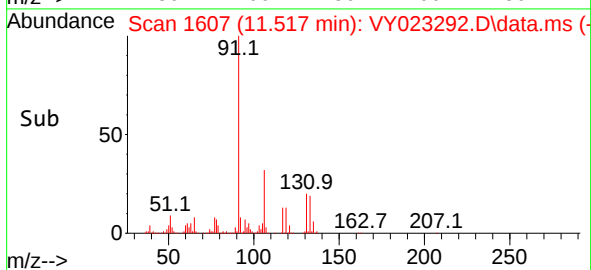
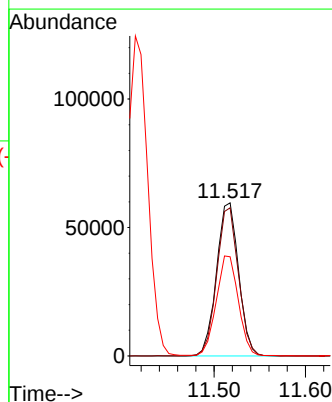
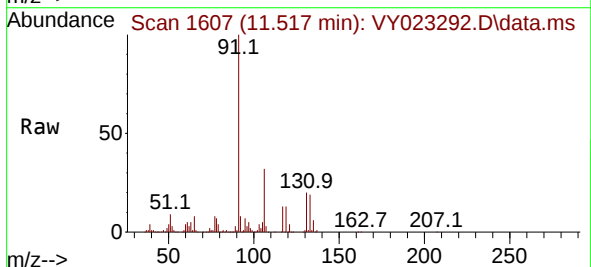
Instrument :
MSVOA_Y
ClientSampleId :

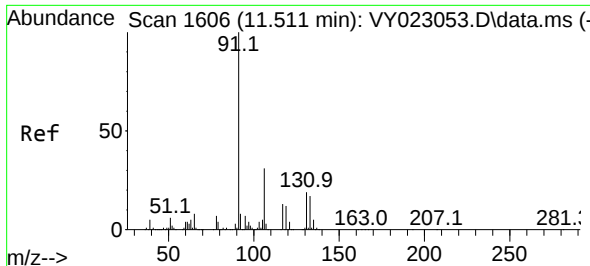
Tgt Ion:112 Resp: 281049
Ion Ratio Lower Upper
112 100
114 32.9 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.872 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion:131 Resp: 100238
Ion Ratio Lower Upper
131 100
133 95.1 46.9 140.6
119 65.3 33.2 99.6





#67

Ethyl Benzene

Concen: 19.519 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

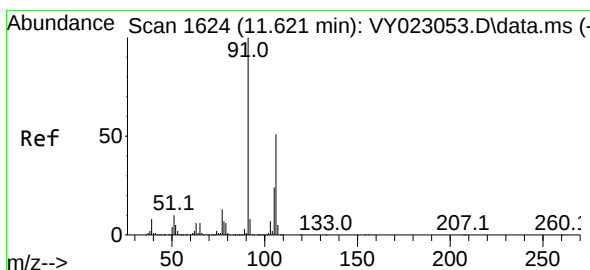
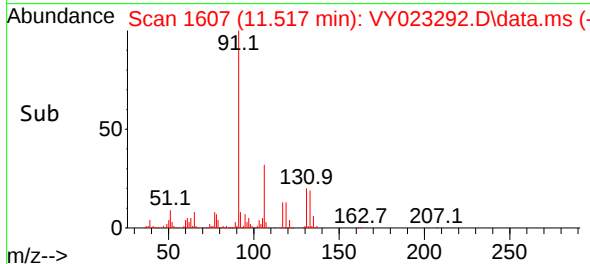
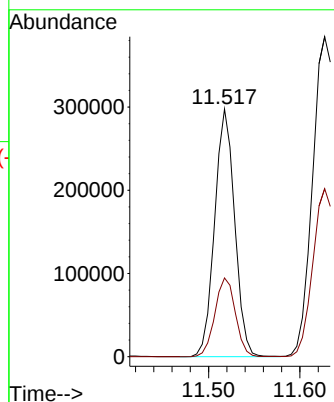
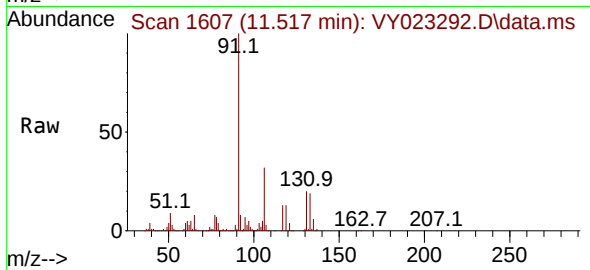
ClientSampleId :

Tgt Ion: 91 Resp: 453599

Ion Ratio Lower Upper

91 100

106 31.8 25.0 37.4



#68

m/p-Xylenes

Concen: 40.191 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023292.D

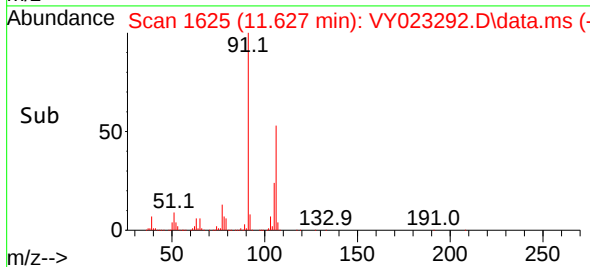
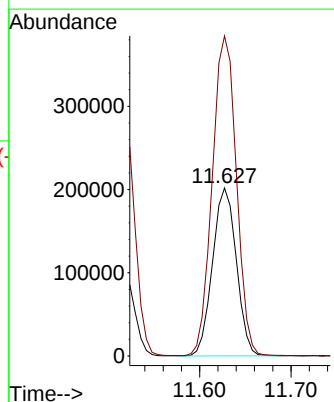
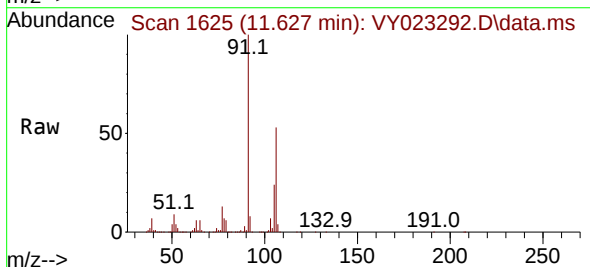
Acq: 05 Sep 2025 10:52

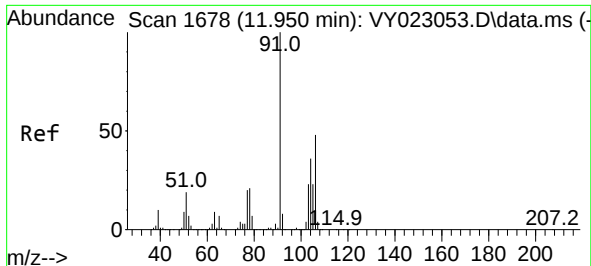
Tgt Ion:106 Resp: 364783

Ion Ratio Lower Upper

106 100

91 193.3 158.6 238.0

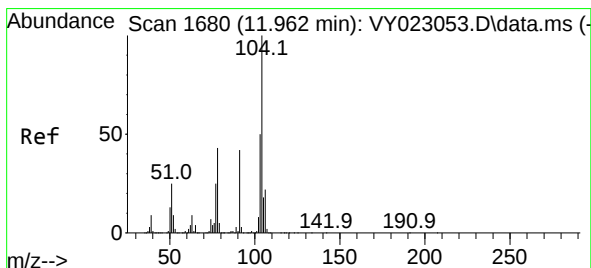
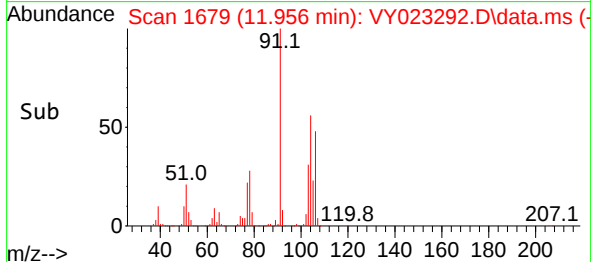
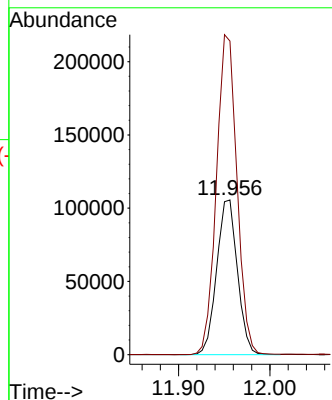
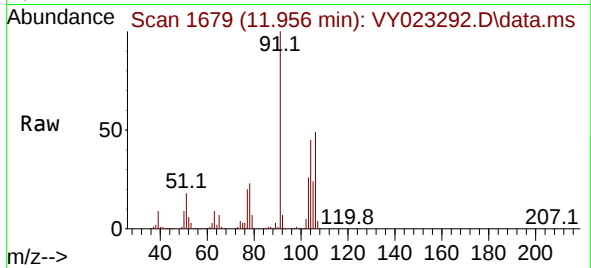




#69
o-Xylene
Concen: 19.668 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

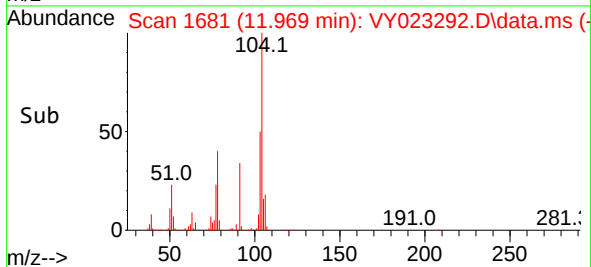
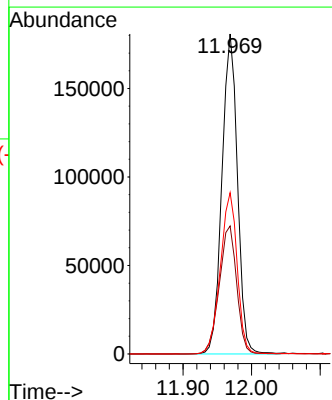
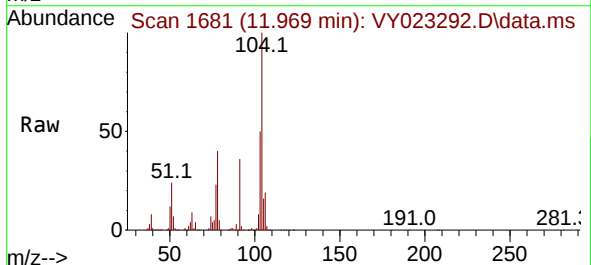
Instrument :
MSVOA_Y
ClientSampleId :

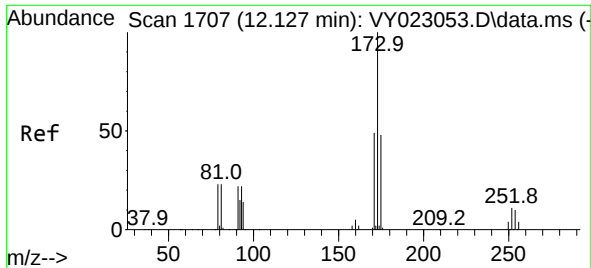
Tgt Ion:106 Resp: 167191
Ion Ratio Lower Upper
106 100
91 204.6 103.2 309.4



#70
Styrene
Concen: 20.405 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion:104 Resp: 283660
Ion Ratio Lower Upper
104 100
78 44.9 38.5 57.7
103 54.6 43.7 65.5

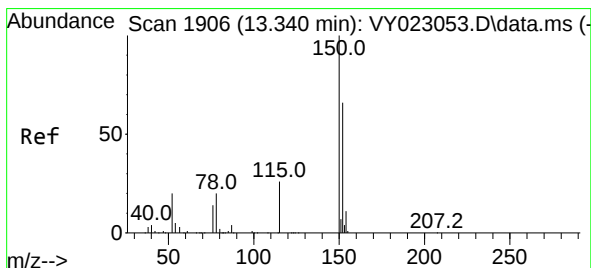
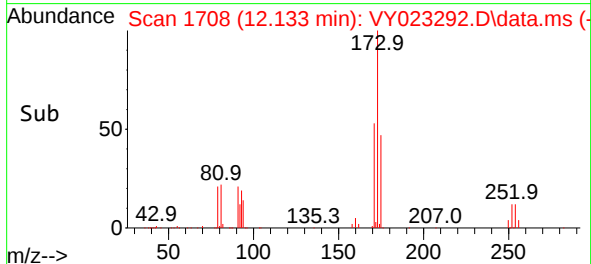
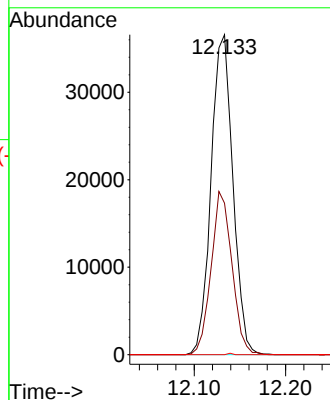
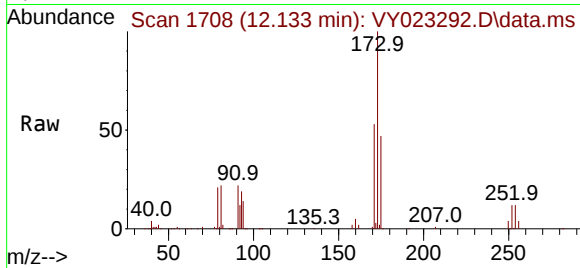




#71
Bromoform
Concen: 22.619 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

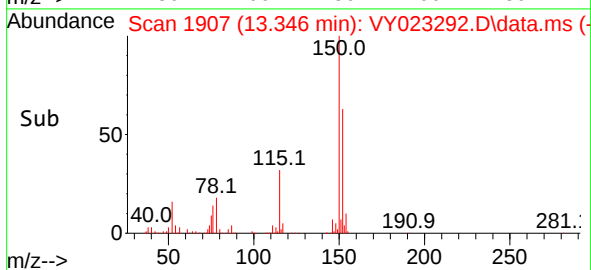
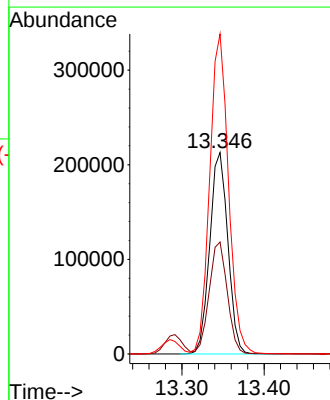
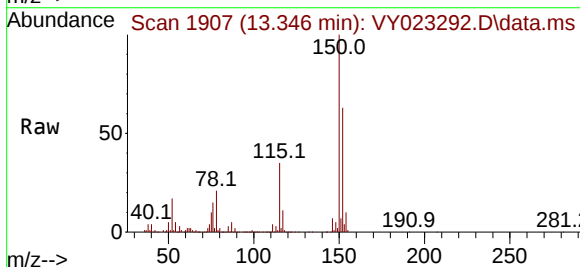
Instrument :
MSVOA_Y
ClientSampleId :

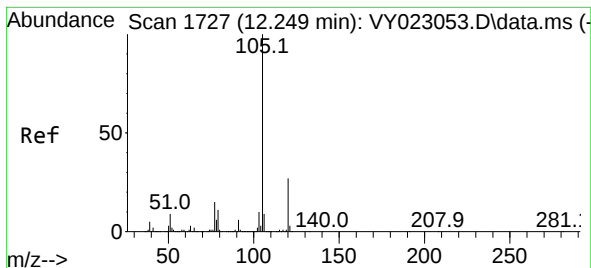
Tgt Ion:173 Resp: 60586
Ion Ratio Lower Upper
173 100
175 48.8 23.9 71.7
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion:152 Resp: 326298
Ion Ratio Lower Upper
152 100
115 55.5 28.2 84.6
150 164.3 0.0 348.0





#73

Isopropylbenzene

Concen: 18.872 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

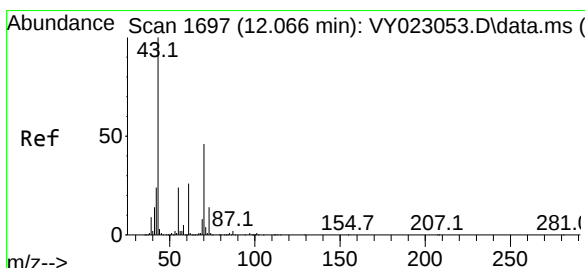
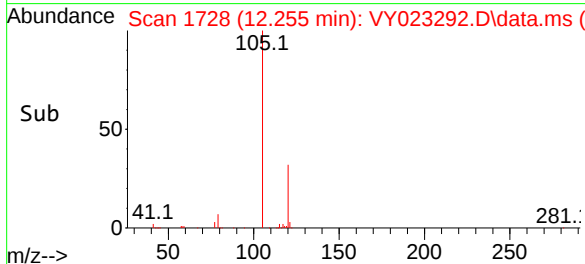
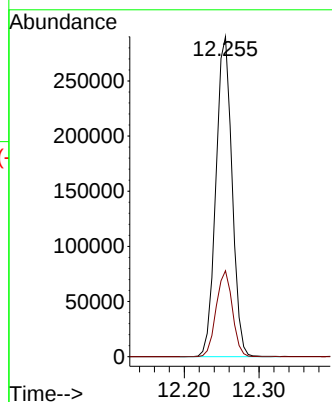
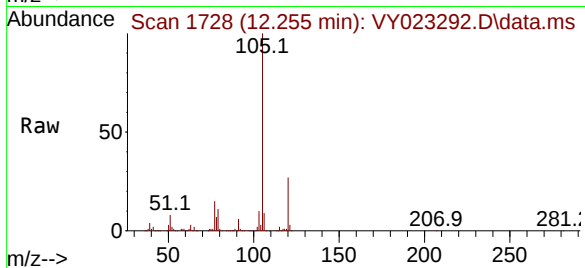
ClientSampleId :

Tgt Ion:105 Resp: 434612

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 16.750 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Tgt Ion: 43 Resp: 81804

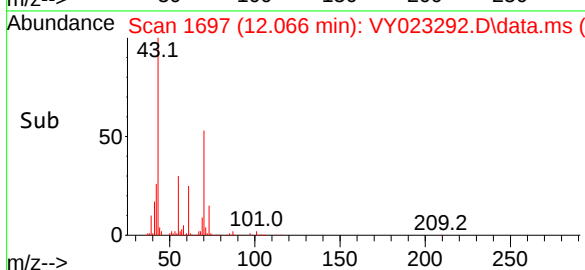
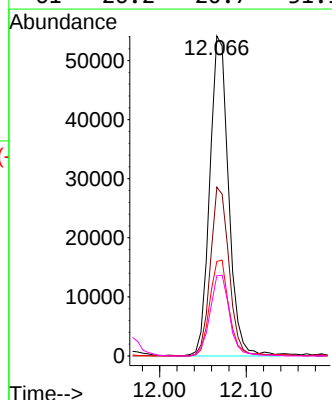
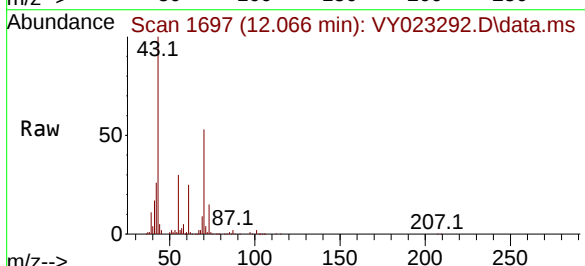
Ion Ratio Lower Upper

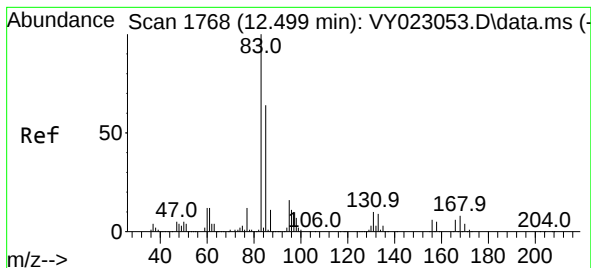
43 100

70 52.5 37.5 56.3

55 31.0 20.7 31.1

61 26.2 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.076 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

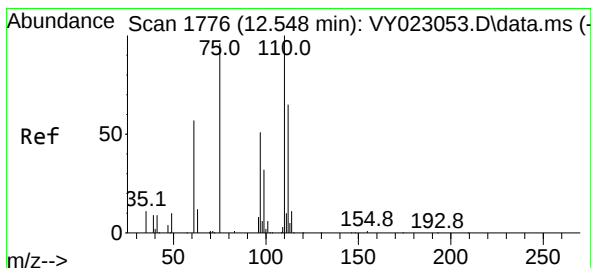
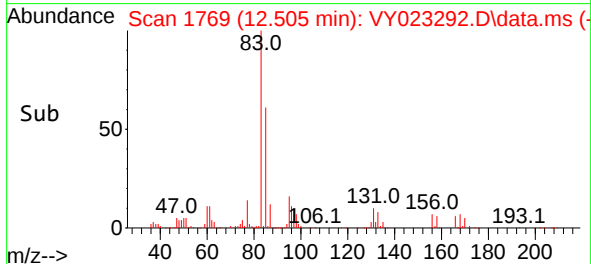
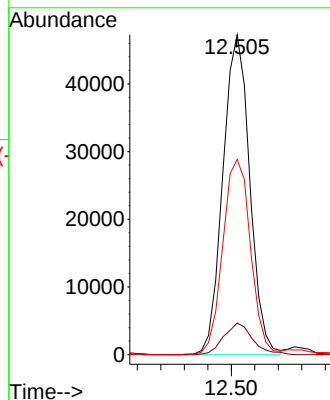
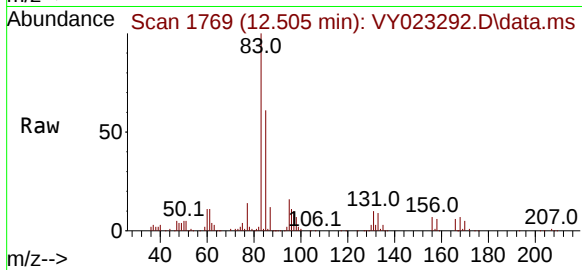
Tgt Ion: 83 Resp: 75013

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

85 63.1 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 32.214 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023292.D

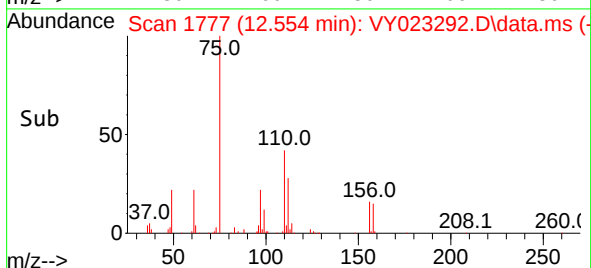
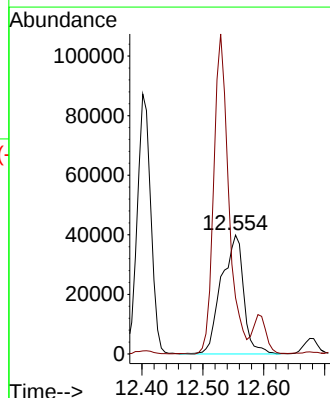
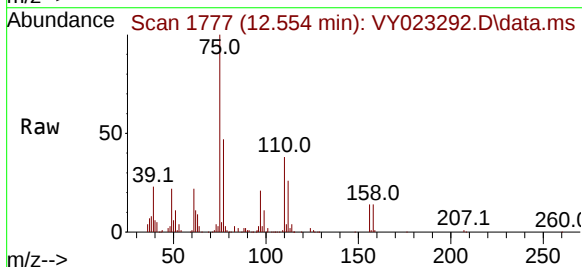
Acq: 05 Sep 2025 10:52

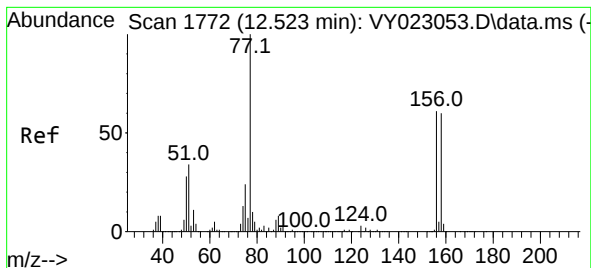
Tgt Ion: 75 Resp: 101447

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.470 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

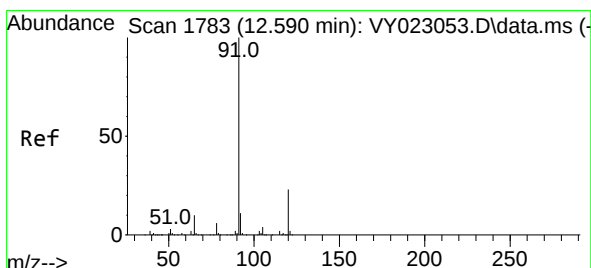
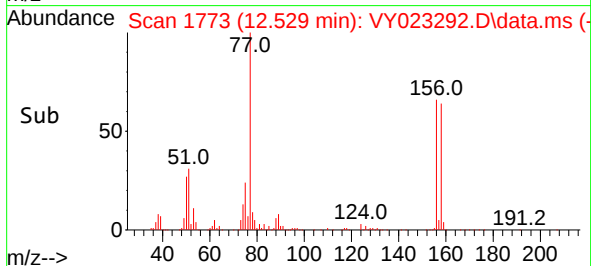
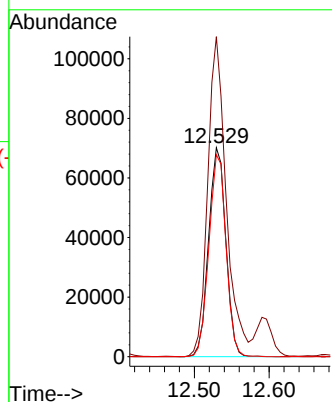
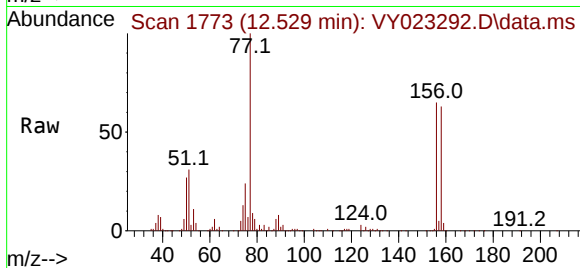
Tgt Ion:156 Resp: 112465

Ion Ratio Lower Upper

156 100

77 163.7 88.1 264.4

158 95.9 48.0 144.0



#78

n-propylbenzene

Concen: 18.735 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.000 min

Lab File: VY023292.D

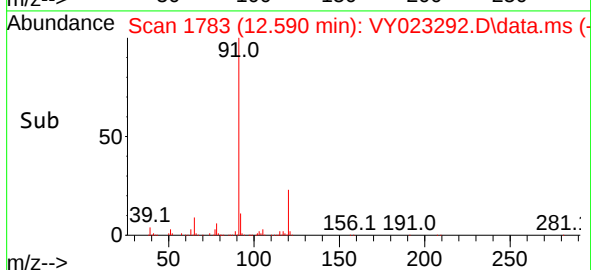
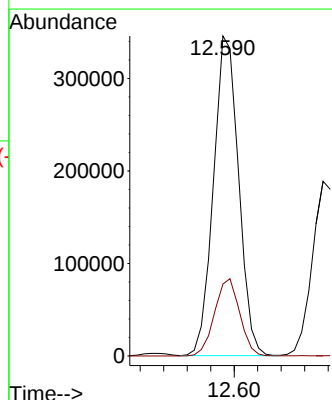
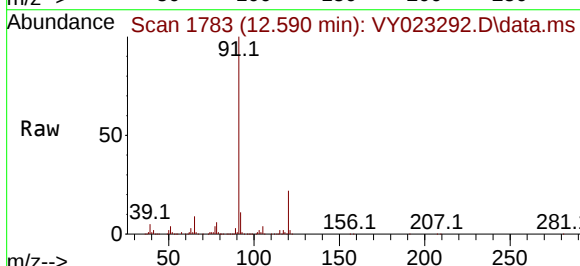
Acq: 05 Sep 2025 10:52

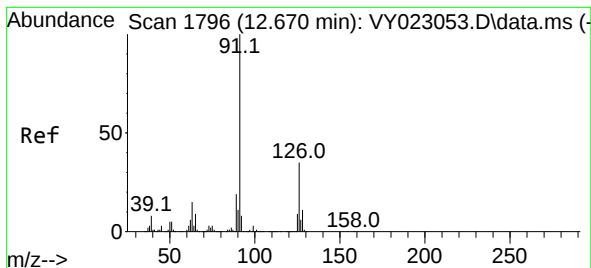
Tgt Ion: 91 Resp: 513676

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.5

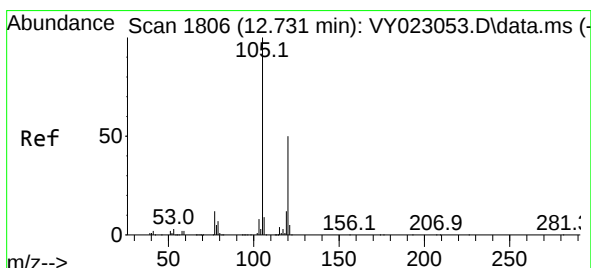
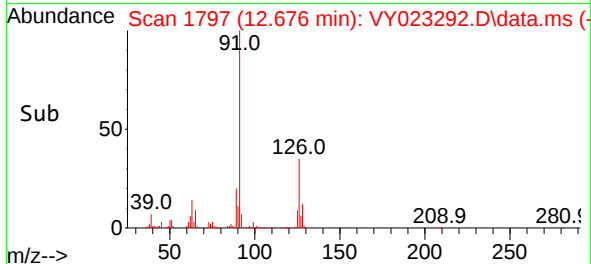
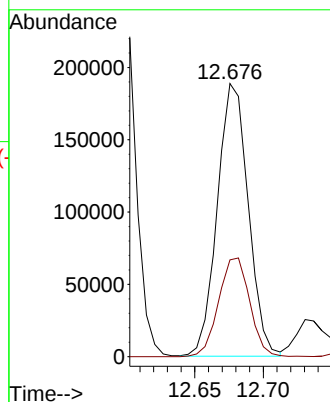
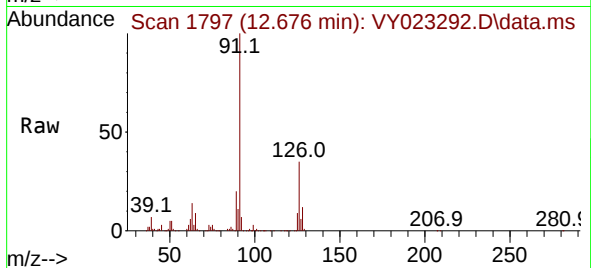




#79
2-Chlorotoluene
Concen: 18.884 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

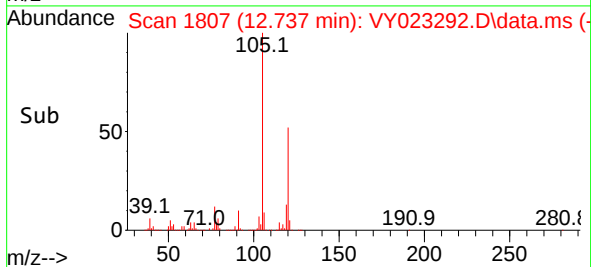
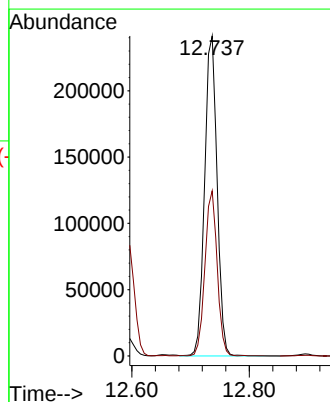
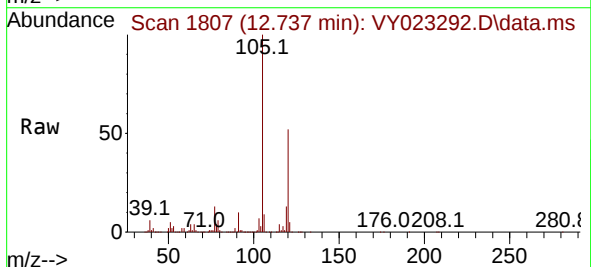
Instrument :
MSVOA_Y
ClientSampleId :

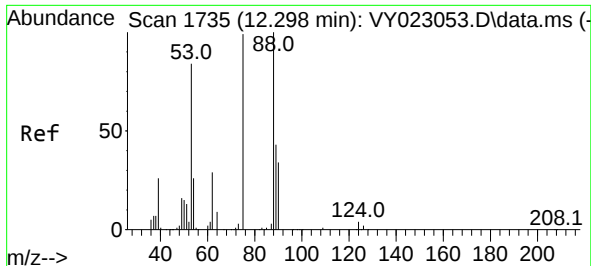
Tgt Ion: 91 Resp: 296657
Ion Ratio Lower Upper
91 100
126 36.4 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 19.166 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion: 105 Resp: 356725
Ion Ratio Lower Upper
105 100
120 50.4 24.8 74.4

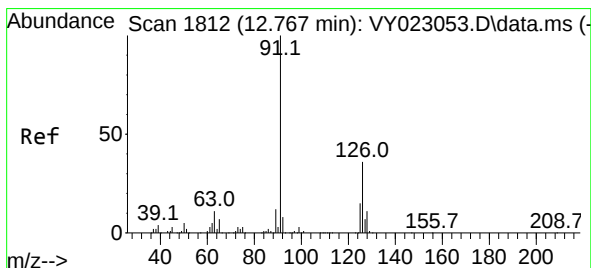
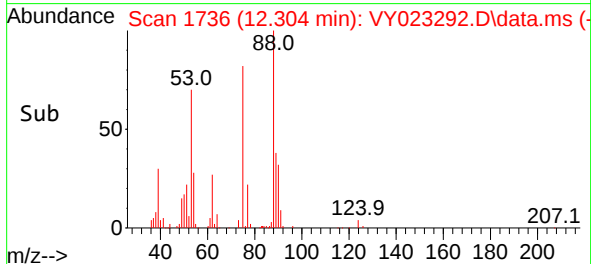
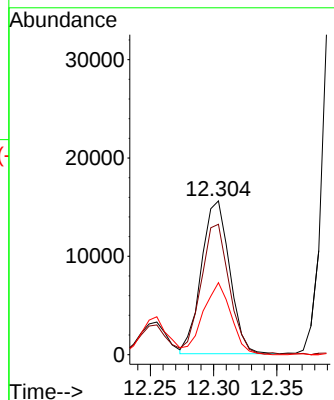
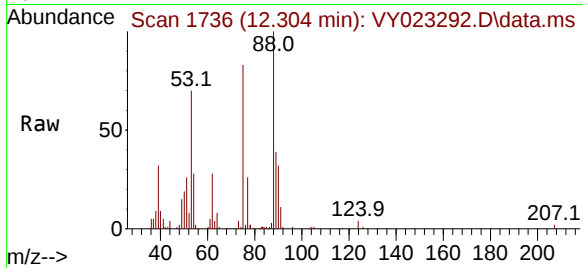




#81
trans-1,4-Dichloro-2-butene
Concen: 18.568 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

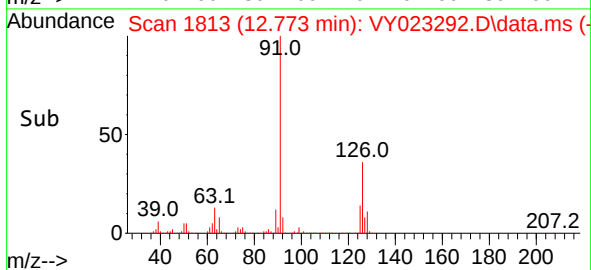
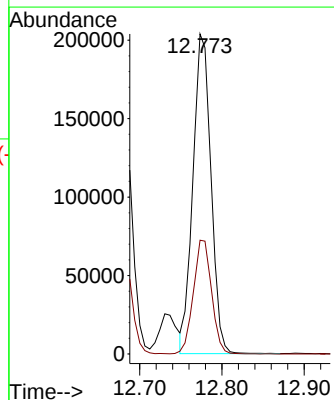
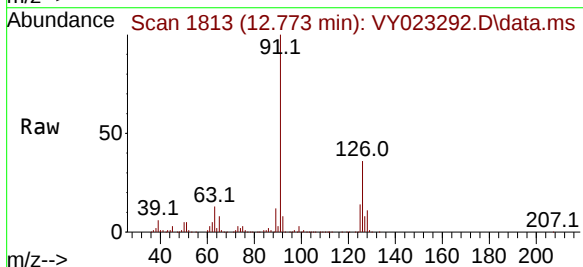
Instrument :
MSVOA_Y
ClientSampleId :

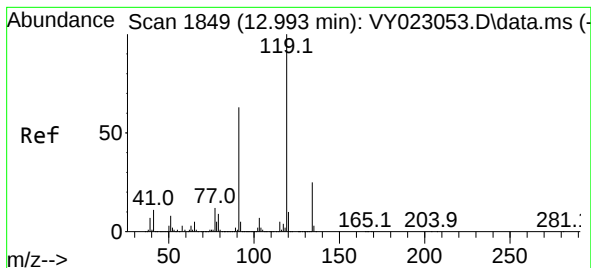
Tgt Ion: 75 Resp: 24156
Ion Ratio Lower Upper
75 100
53 84.6 70.8 106.2
89 46.9 38.1 57.1



#82
4-Chlorotoluene
Concen: 19.045 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion: 91 Resp: 310381
Ion Ratio Lower Upper
91 100
126 36.0 17.3 52.0





#83

tert-Butylbenzene

Concen: 18.893 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

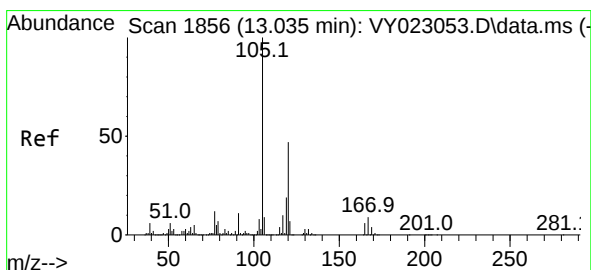
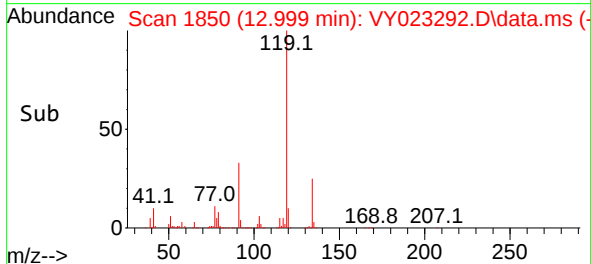
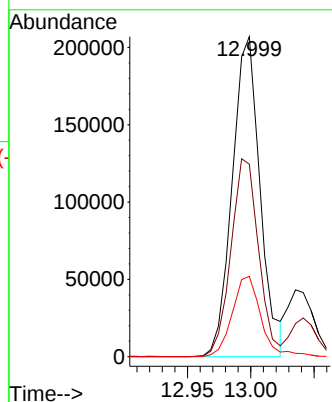
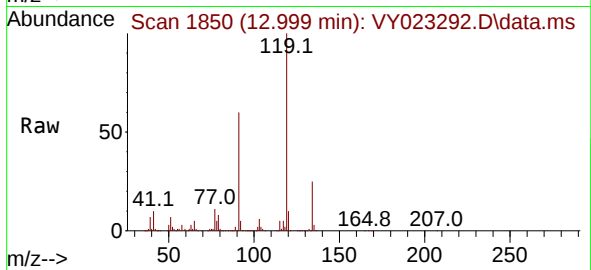
Tgt Ion:119 Resp: 317589

Ion Ratio Lower Upper

119 100

91 61.4 31.6 94.8

134 26.0 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 19.060 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023292.D

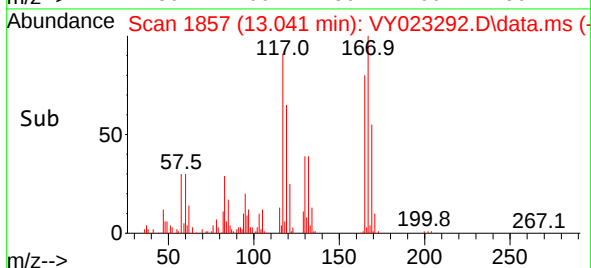
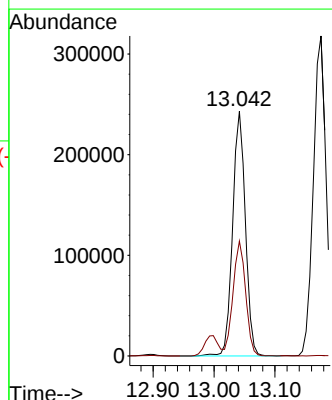
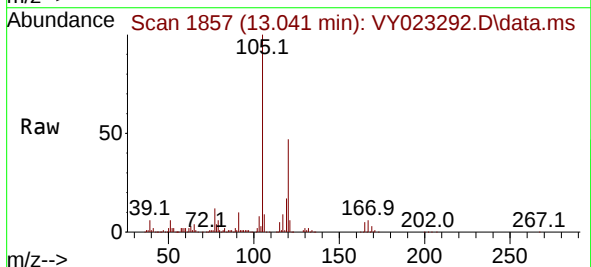
Acq: 05 Sep 2025 10:52

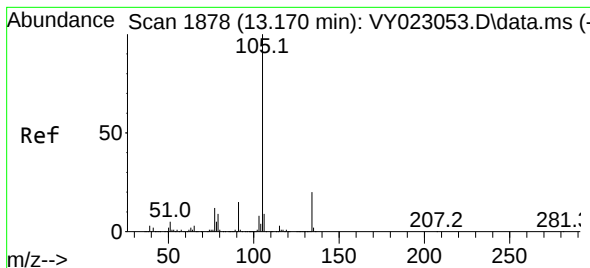
Tgt Ion:105 Resp: 353142

Ion Ratio Lower Upper

105 100

120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 18.784 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

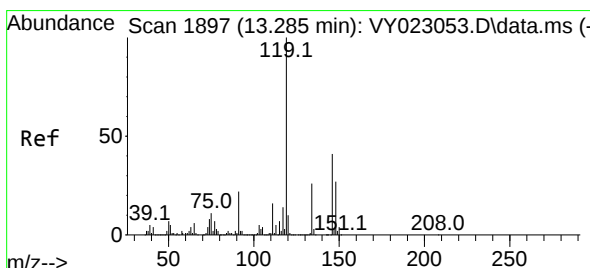
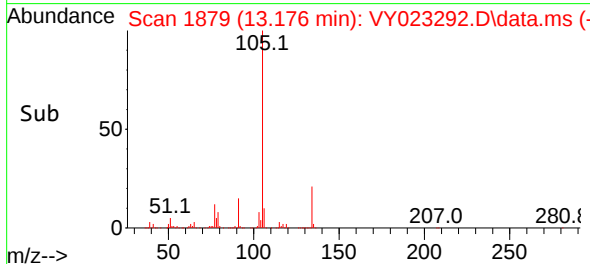
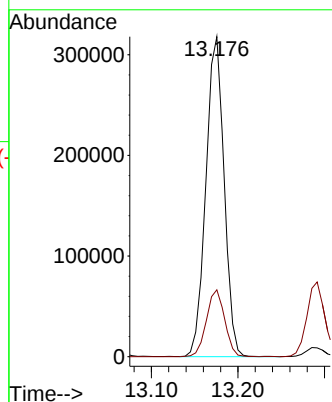
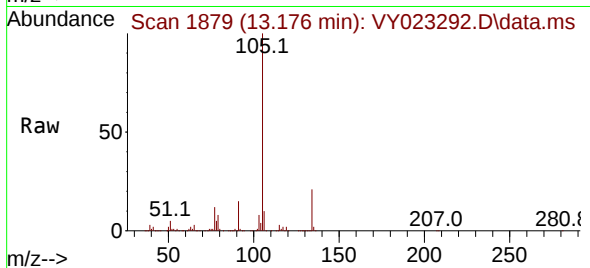
ClientSampleId :

Tgt Ion:105 Resp: 463851

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.195 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

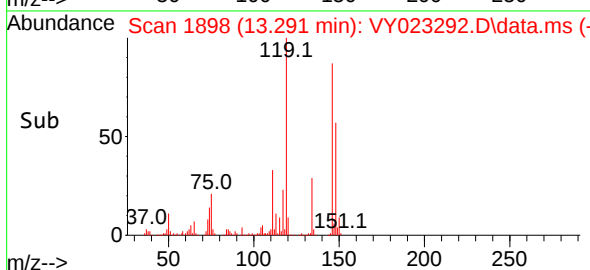
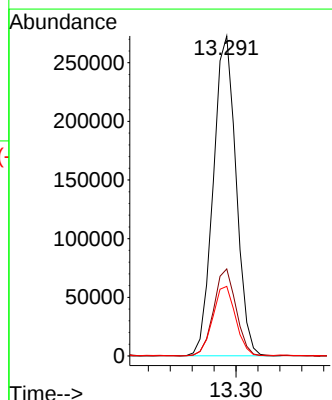
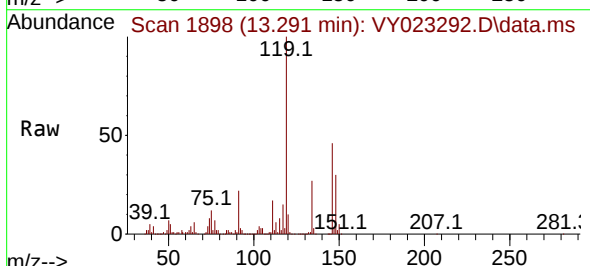
Tgt Ion:119 Resp: 393446

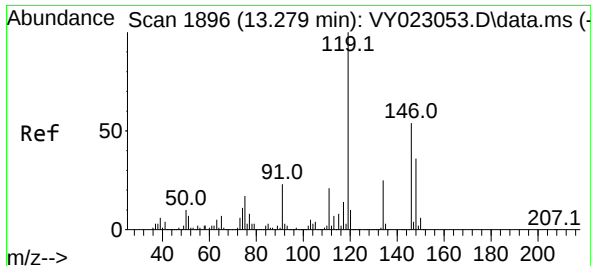
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.6

91 21.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 20.353 ug/l

RT: 13.285 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

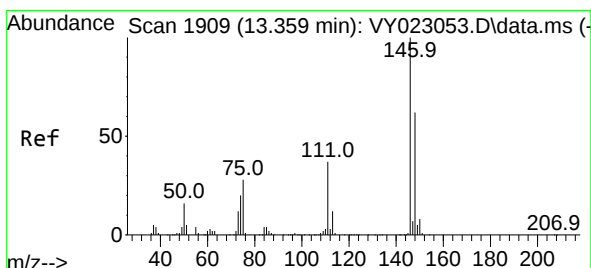
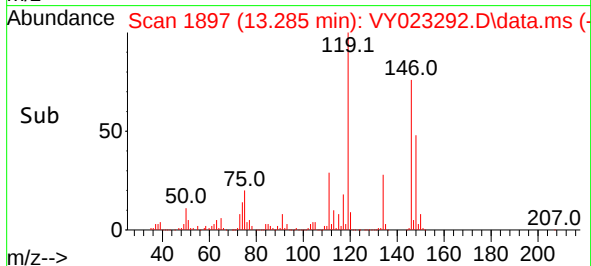
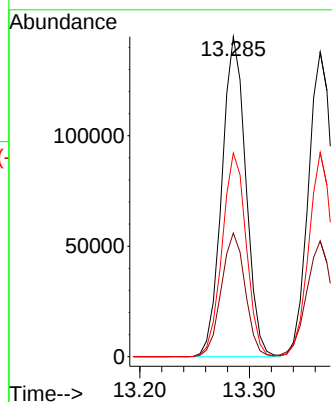
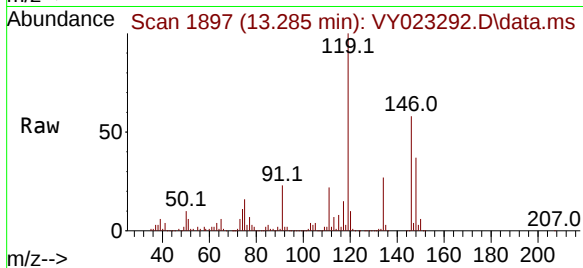
Tgt Ion:146 Resp: 220523

Ion Ratio Lower Upper

146 100

111 38.4 19.6 58.7

148 63.9 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 19.946 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

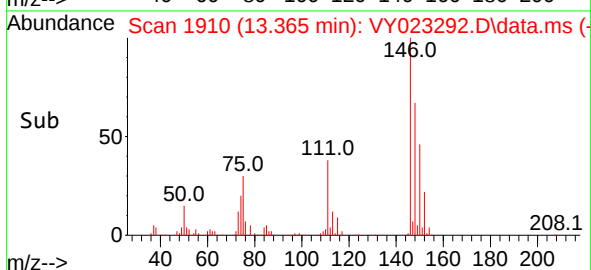
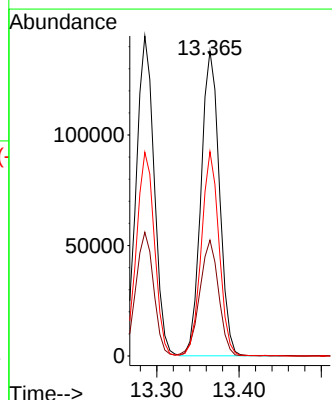
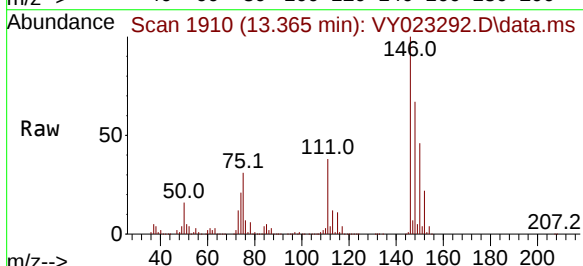
Tgt Ion:146 Resp: 214379

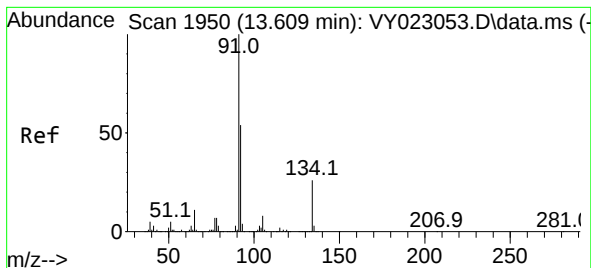
Ion Ratio Lower Upper

146 100

111 39.2 19.1 57.1

148 64.5 31.6 94.7





#89

n-Butylbenzene

Concen: 18.547 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

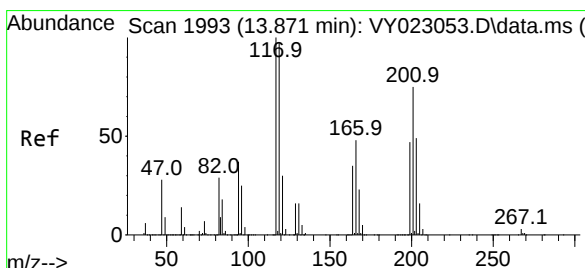
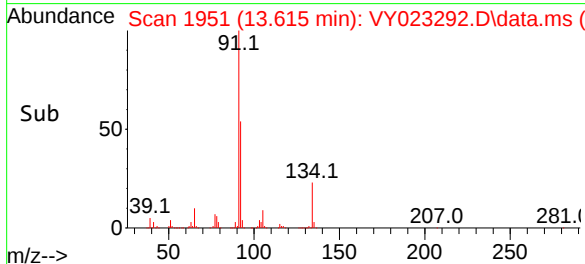
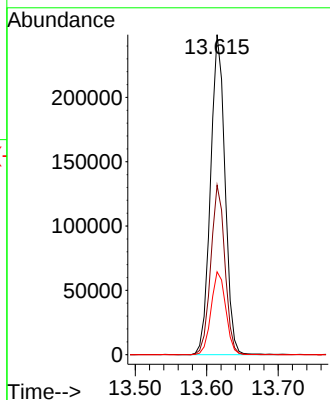
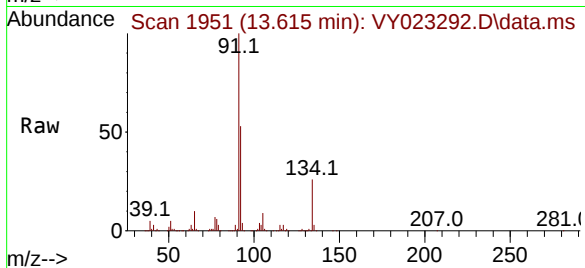
Tgt Ion: 91 Resp: 349155

Ion Ratio Lower Upper

91 100

92 51.6 26.9 80.7

134 26.3 13.2 39.5



#90

Hexachloroethane

Concen: 20.011 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023292.D

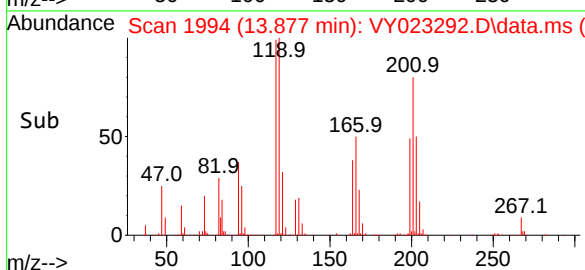
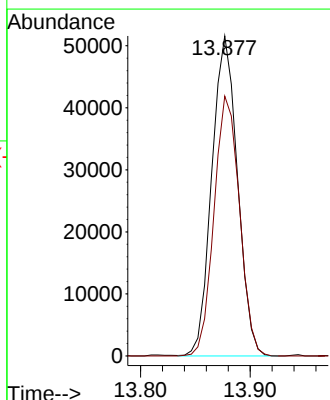
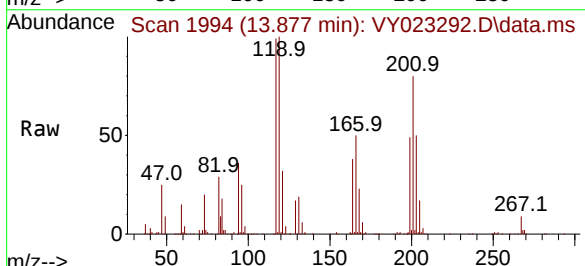
Acq: 05 Sep 2025 10:52

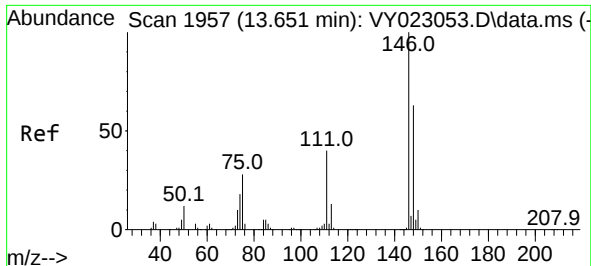
Tgt Ion: 117 Resp: 83967

Ion Ratio Lower Upper

117 100

201 80.3 38.4 115.1

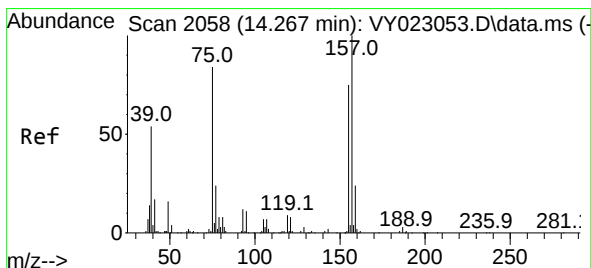
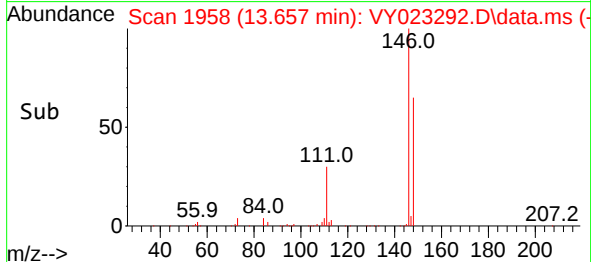
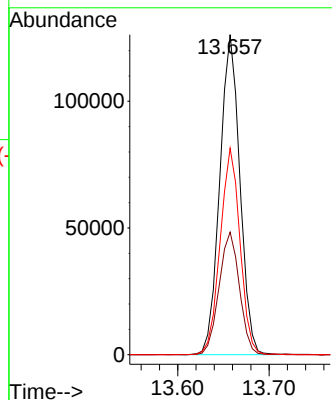
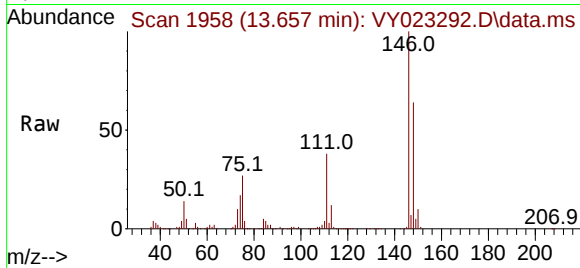




#91
1,2-Dichlorobenzene
Concen: 20.310 ug/l
RT: 13.657 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

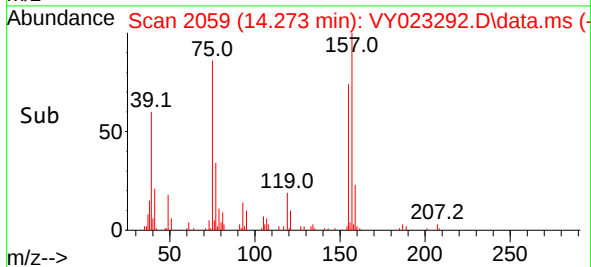
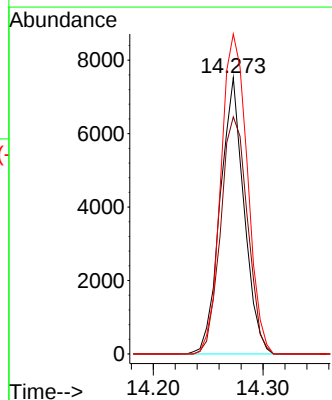
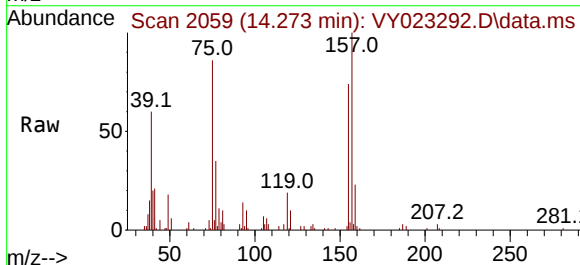
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:146 Resp: 192990
Ion Ratio Lower Upper
146 100
111 38.9 20.3 60.8
148 63.8 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.578 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY023292.D
Acq: 05 Sep 2025 10:52

Tgt Ion: 75 Resp: 11374
Ion Ratio Lower Upper
75 100
155 96.1 43.9 131.6
157 127.9 57.2 171.6





#93

1,2,4-Trichlorobenzene

Concen: 20.052 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

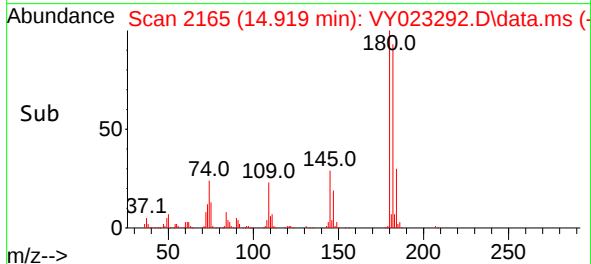
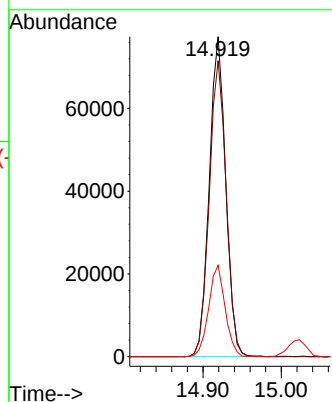
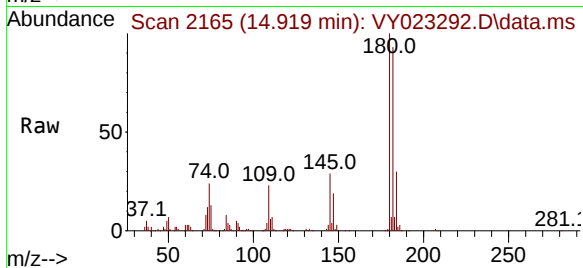
Tgt Ion:180 Resp: 112672

Ion Ratio Lower Upper

180 100

182 95.1 46.8 140.4

145 28.7 14.4 43.4



#94

Hexachlorobutadiene

Concen: 21.293 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

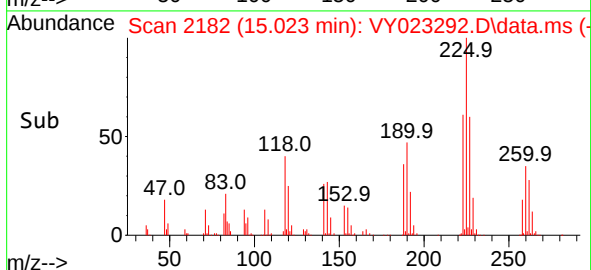
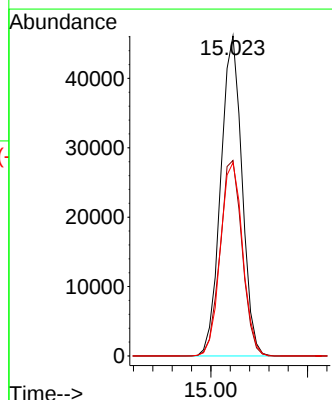
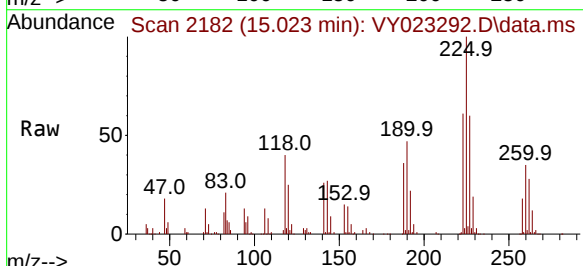
Tgt Ion:225 Resp: 70309

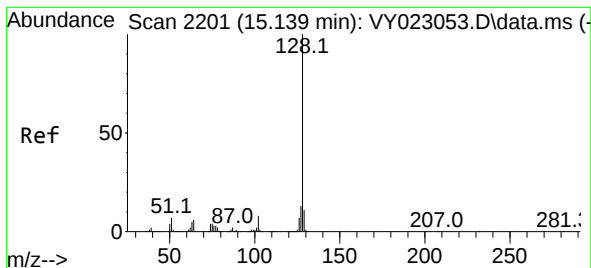
Ion Ratio Lower Upper

225 100

223 63.3 31.3 93.8

227 63.2 31.5 94.5





#95

Naphthalene

Concen: 18.364 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Instrument :

MSVOA_Y

ClientSampleId :

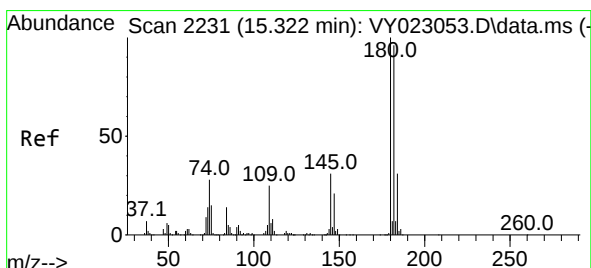
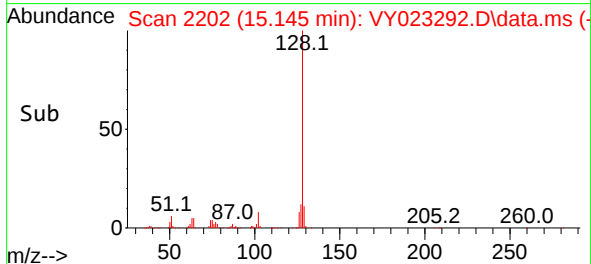
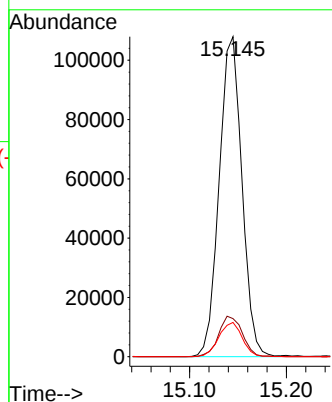
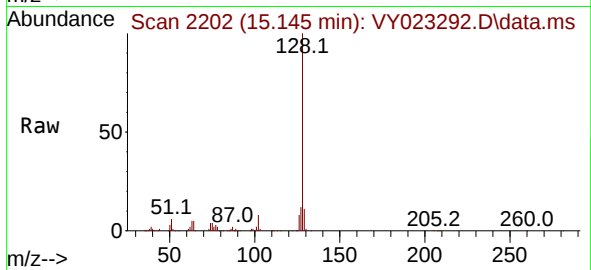
Tgt Ion:128 Resp: 175961

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.0 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 20.379 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023292.D

Acq: 05 Sep 2025 10:52

Tgt Ion:180 Resp: 98676

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.7

145 29.8 15.9 47.7

