

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082525\
 Data File : VY023203.D
 Acq On : 25 Aug 2025 10:32
 Operator : SY/MD
 Sample : VY0825SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 23:46:04 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	469408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	735798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	649307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	329596	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	203021	45.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.760%
35) Dibromofluoromethane	7.634	113	214159	48.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.280%
50) Toluene-d8	10.103	98	840128	48.845	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.700%
62) 4-Bromofluorobenzene	12.401	95	262855	47.520	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	82867	21.627	ug/l	99
3) Chloromethane	2.068	50	127890	20.608	ug/l	97
4) Vinyl Chloride	2.202	62	166137	21.657	ug/l	100
5) Bromomethane	2.586	94	132262	23.086	ug/l	98
6) Chloroethane	2.732	64	110011	21.570	ug/l	97
7) Trichlorofluoromethane	3.049	101	199563	21.394	ug/l	96
8) Diethyl Ether	3.452	74	49591	20.095	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	98502	21.404	ug/l	98
10) Methyl Iodide	4.001	142	102196	20.580	ug/l	99
11) Tert butyl alcohol	4.860	59	25356	82.717	ug/l	99
12) 1,1-Dichloroethene	3.787	96	93124	20.587	ug/l	88
13) Acrolein	3.647	56	24583	54.759	ug/l	96
14) Allyl chloride	4.385	41	124987	18.778	ug/l	98
15) Acrylonitrile	5.049	53	92793	92.486	ug/l	99
16) Acetone	3.866	43	101220	104.434	ug/l	96
17) Carbon Disulfide	4.104	76	294054	19.937	ug/l	99
18) Methyl Acetate	4.385	43	54799	18.999	ug/l	95
19) Methyl tert-butyl Ether	5.116	73	217030	18.516	ug/l	100
20) Methylene Chloride	4.616	84	128615	24.131	ug/l	95
21) trans-1,2-Dichloroethene	5.110	96	105560	20.766	ug/l	96
22) Diisopropyl ether	6.018	45	279458	19.322	ug/l	94
23) Vinyl Acetate	5.957	43	701679	87.737	ug/l	98
24) 1,1-Dichloroethane	5.915	63	182066	20.589	ug/l	100
25) 2-Butanone	6.890	43	123475	93.671	ug/l	98
26) 2,2-Dichloropropane	6.884	77	155592	20.392	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	122559	20.855	ug/l	95
28) Bromochloromethane	7.244	49	69348	19.767	ug/l	93
29) Tetrahydrofuran	7.262	42	71024	86.924	ug/l	99
30) Chloroform	7.421	83	192408	21.098	ug/l	93
31) Cyclohexane	7.701	56	154962	18.596	ug/l #	88
32) 1,1,1-Trichloroethane	7.616	97	168844	20.865	ug/l	99
36) 1,1-Dichloropropene	7.835	75	135141	20.654	ug/l	99
37) Ethyl Acetate	6.982	43	49529	18.020	ug/l	99
38) Carbon Tetrachloride	7.817	117	152009	21.389	ug/l	99
39) Methylcyclohexane	9.109	83	166305	19.301	ug/l	97
40) Benzene	8.079	78	426506	21.149	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	25623	16.153	ug/l #	90
42) 1,2-Dichloroethane	8.158	62	104432	19.911	ug/l	100
43) Isopropyl Acetate	8.195	43	93973	16.916	ug/l	97
44) Trichloroethene	8.866	130	114507	21.972	ug/l	97
45) 1,2-Dichloropropane	9.140	63	97421	20.995	ug/l	100
46) Dibromomethane	9.231	93	55618	20.883	ug/l	99
47) Bromodichloromethane	9.420	83	145267	21.197	ug/l	98
48) Methyl methacrylate	9.219	41	44879	16.882	ug/l	93
49) 1,4-Dioxane	9.225	88	11927	381.928	ug/l	93
51) 4-Methyl-2-Pentanone	9.999	43	252302	88.045	ug/l	100
52) Toluene	10.170	92	273729	21.371	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	121415	19.565	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	149542	20.378	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	74392	20.874	ug/l	96
56) Ethyl methacrylate	10.438	69	80341	17.618	ug/l	97
57) 1,3-Dichloropropane	10.713	76	119857	19.831	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	201849	93.836	ug/l	97
59) 2-Hexanone	10.762	43	175794	90.092	ug/l	100
60) Dibromochloromethane	10.908	129	98895	21.031	ug/l	100
61) 1,2-Dibromoethane	11.011	107	68371	20.412	ug/l	99
64) Tetrachloroethene	10.646	164	136686	23.575	ug/l	98
65) Chlorobenzene	11.438	112	298661	21.324	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.511	131	101806	21.418	ug/l	99
67) Ethyl Benzene	11.517	91	489470	20.308	ug/l	97
68) m/p-Xylenes	11.627	106	389212	41.346	ug/l	99
69) o-Xylene	11.950	106	181051	20.535	ug/l	99
70) Styrene	11.969	104	300432	20.837	ug/l	98
71) Bromoform	12.133	173	57282	20.619	ug/l #	99
73) Isopropylbenzene	12.249	105	466741	20.064	ug/l	100
74) N-amyl acetate	12.066	43	79215	16.057	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	72625	18.284	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	100052	31.453	ug/l #	100
77) Bromobenzene	12.529	156	114975	20.717	ug/l	96
78) n-propylbenzene	12.590	91	560407	20.235	ug/l	99
79) 2-Chlorotoluene	12.676	91	323855	20.409	ug/l	100
80) 1,3,5-Trimethylbenzene	12.731	105	385709	20.516	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	23977	18.246	ug/l	98
82) 4-Chlorotoluene	12.773	91	332845	20.220	ug/l	98
83) tert-Butylbenzene	12.993	119	334081	19.675	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	385325	20.589	ug/l	99
85) sec-Butylbenzene	13.170	105	504903	20.242	ug/l	100
86) p-Isopropyltoluene	13.285	119	426643	20.606	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	232973	21.287	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	228601	21.057	ug/l	99
89) n-Butylbenzene	13.615	91	380665	20.018	ug/l	99
90) Hexachloroethane	13.877	117	91887	21.680	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	202285	21.075	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11213	18.131	ug/l	92
93) 1,2,4-Trichlorobenzene	14.919	180	117215	20.651	ug/l	98
94) Hexachlorobutadiene	15.017	225	72105	21.619	ug/l	98
95) Naphthalene	15.139	128	176030	18.188	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	100334	20.514	ug/l	99

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ALS Vial : 5 Sample Multiplier: 1

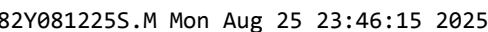
Instrument :
MSVOA_Y
ClientSampleId :

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

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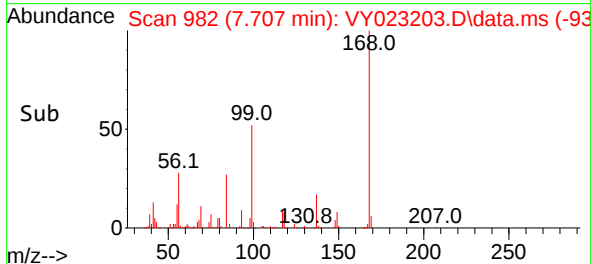
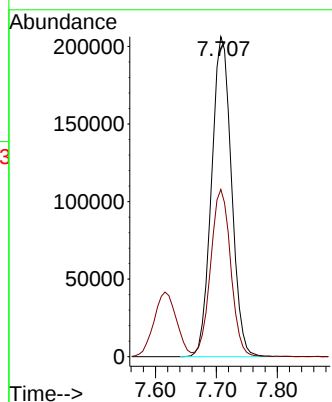
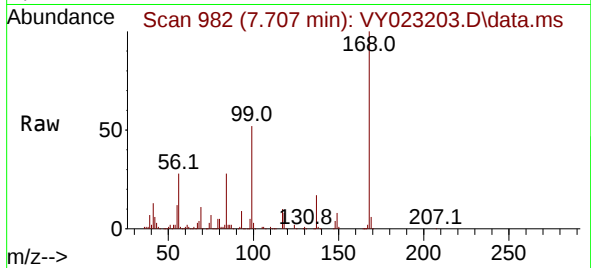




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

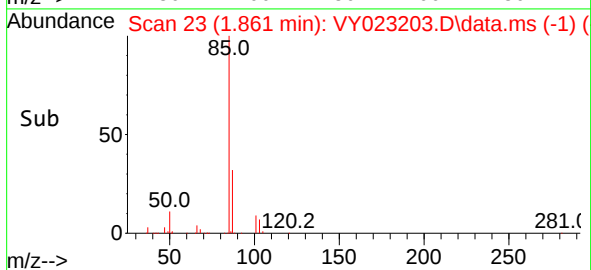
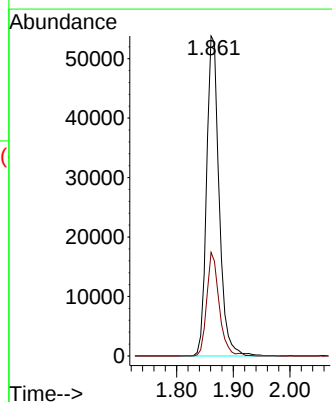
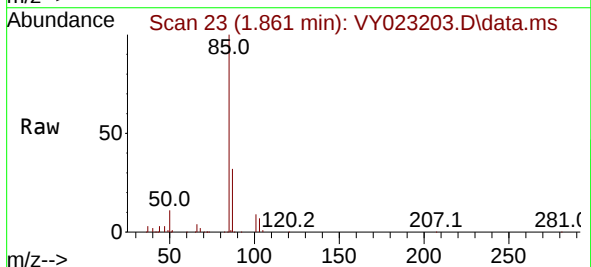
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ClientSampleId :

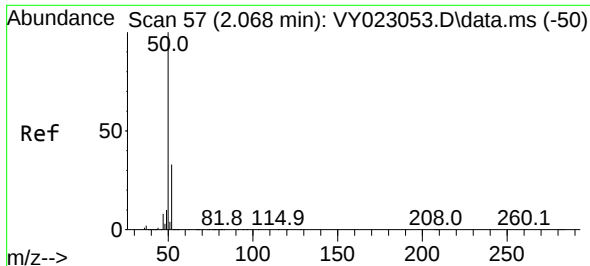
Tgt Ion:168 Resp: 469408
Ion Ratio Lower Upper
168 100
99 52.2 42.8 64.2



#2
Dichlorodifluoromethane
Concen: 21.627 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion: 85 Resp: 82867
Ion Ratio Lower Upper
85 100
87 32.4 16.6 49.8

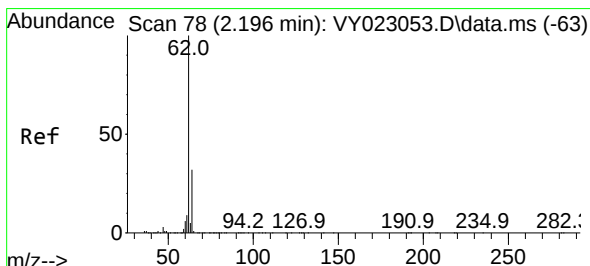
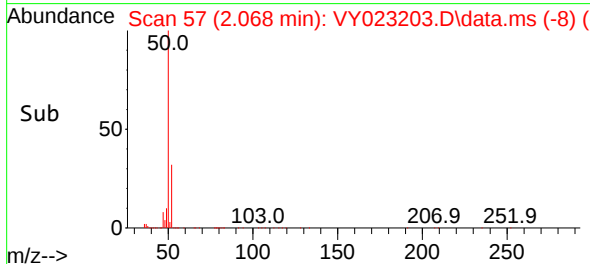
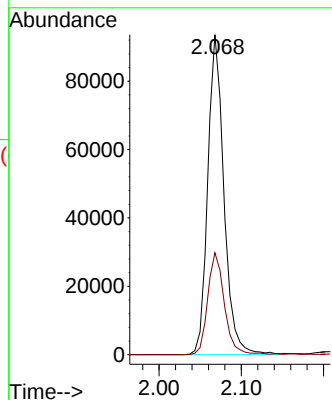
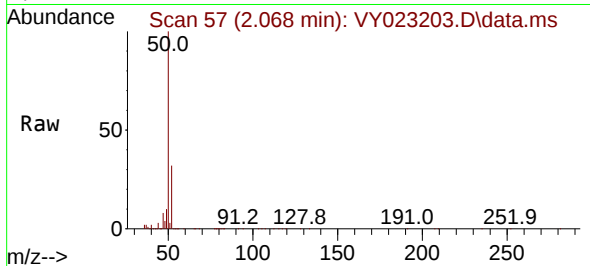




#3
Chloromethane
Concen: 20.608 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

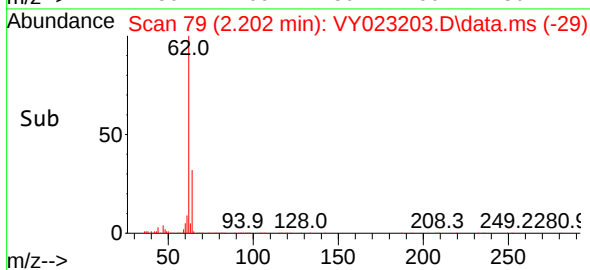
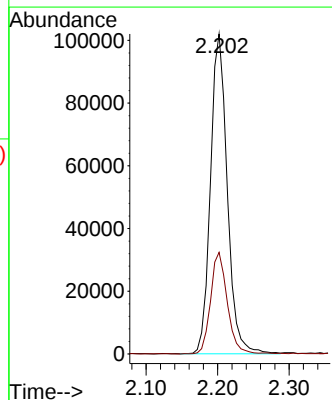
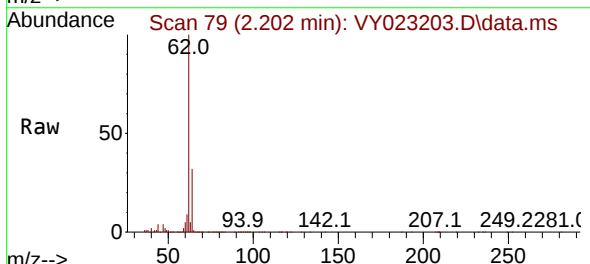
Instrument :
MSVOA_Y
ClientSampleId :

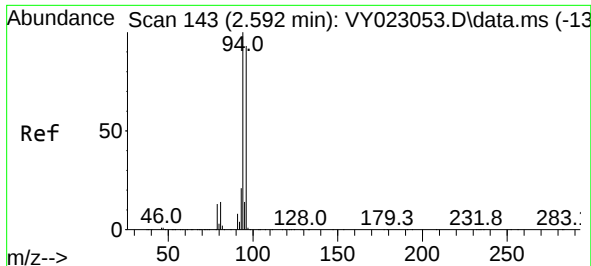
Tgt Ion: 50 Resp: 127890
Ion Ratio Lower Upper
50 100
52 31.9 26.7 40.1



#4
Vinyl Chloride
Concen: 21.657 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

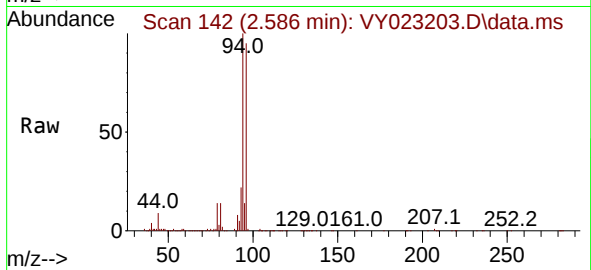
Tgt Ion: 62 Resp: 166137
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0



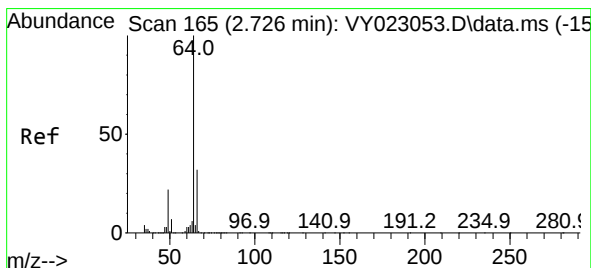
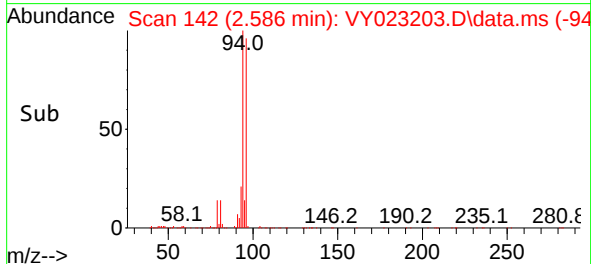
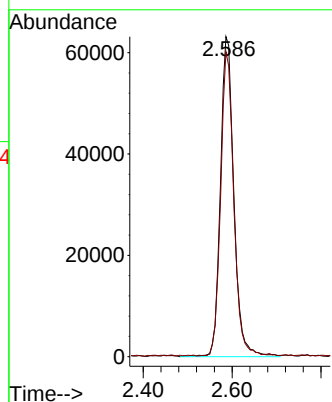


#5
Bromomethane
Concen: 23.086 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Instrument :
MSVOA_Y
ClientSampleId :

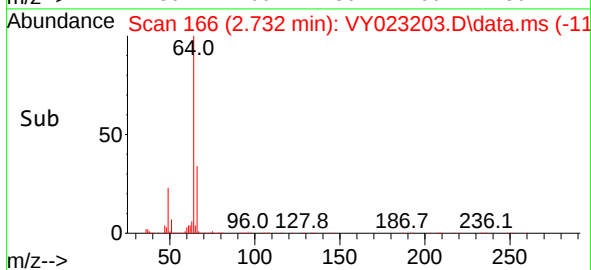
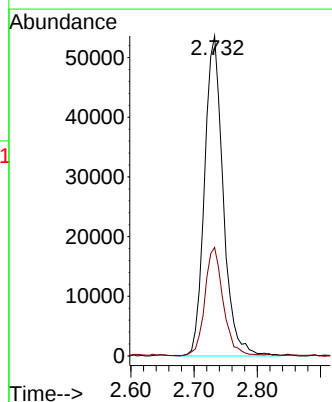
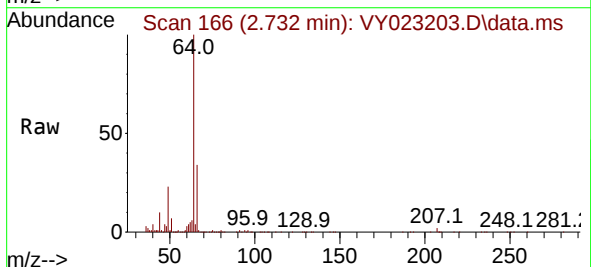


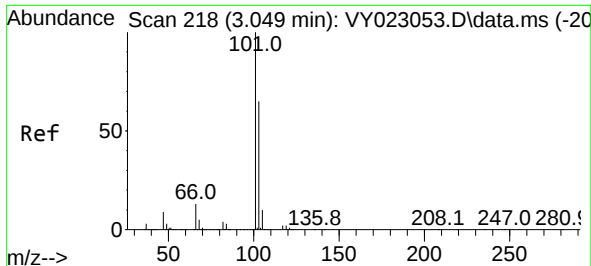
Tgt Ion: 94 Resp: 132262
Ion Ratio Lower Upper
94 100
96 94.9 74.6 112.0



#6
Chloroethane
Concen: 21.570 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion: 64 Resp: 110011
Ion Ratio Lower Upper
64 100
66 33.8 25.8 38.6

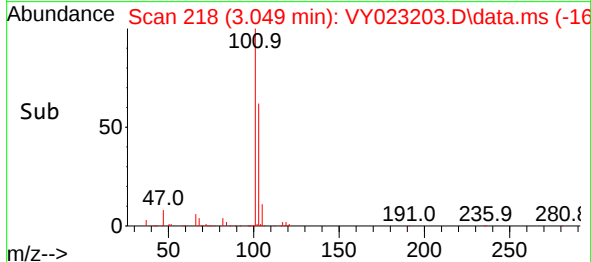
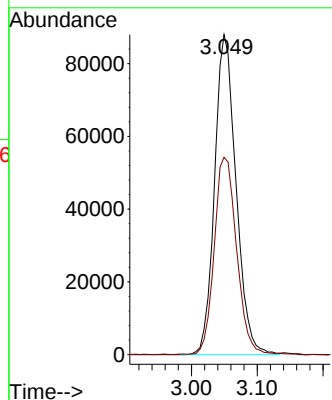
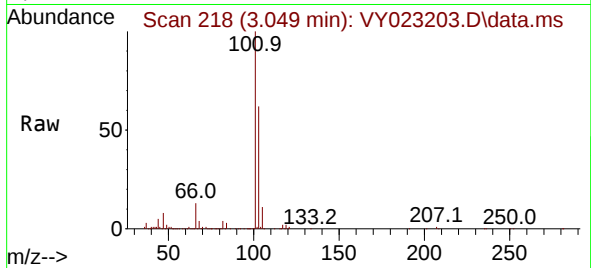




#7
 Trichlorofluoromethane
 Concen: 21.394 ug/l
 RT: 3.049 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY023203.D
 Acq: 25 Aug 2025 10:32

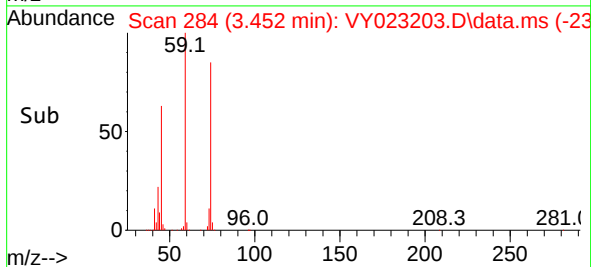
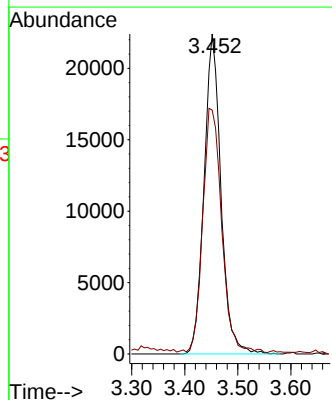
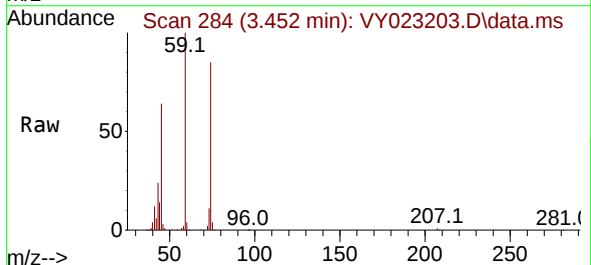
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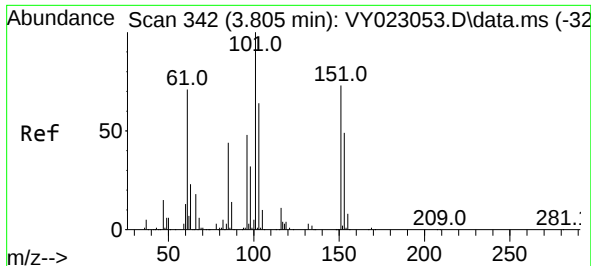
Tgt Ion:101 Resp: 199563
 Ion Ratio Lower Upper
 101 100
 103 61.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.095 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.006 min
 Lab File: VY023203.D
 Acq: 25 Aug 2025 10:32

Tgt Ion: 74 Resp: 49591
 Ion Ratio Lower Upper
 74 100
 45 85.5 44.4 133.2

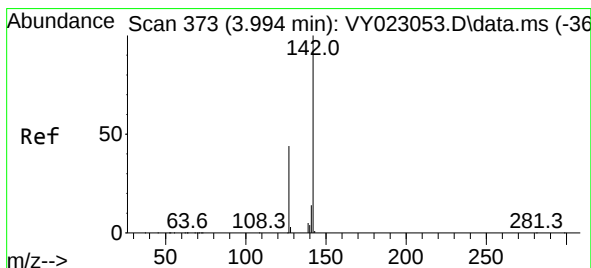
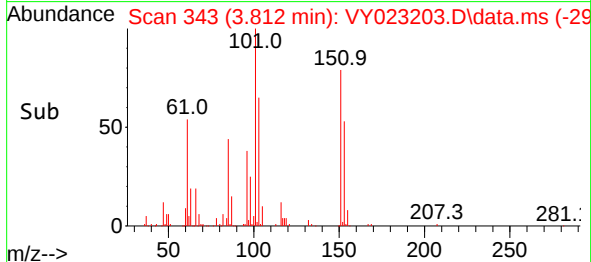
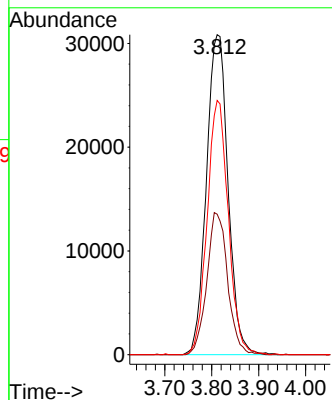
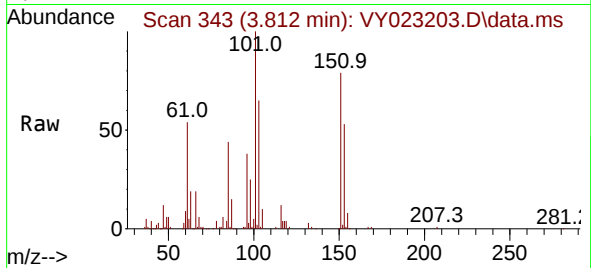




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.404 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

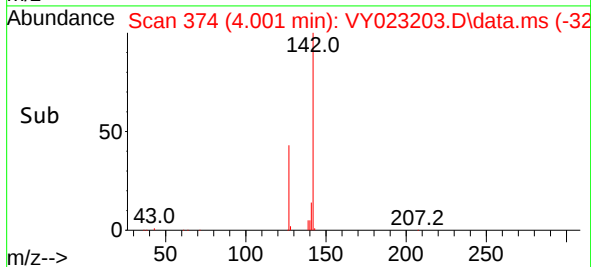
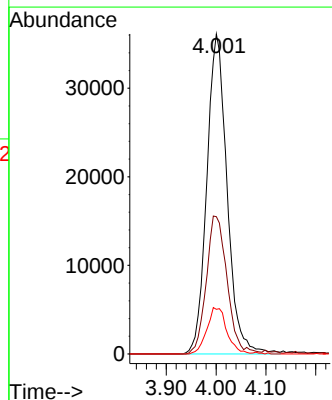
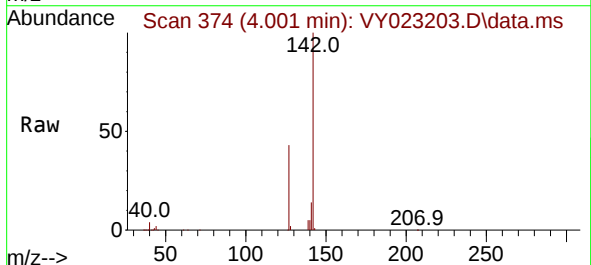
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 98502
Ion Ratio Lower Upper
101 100
85 42.7 36.3 54.5
151 77.7 61.5 92.3



#10
Methyl Iodide
Concen: 20.580 ug/l
RT: 4.001 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion:142 Resp: 102196
Ion Ratio Lower Upper
142 100
127 44.3 34.9 52.3
141 14.2 11.3 16.9





#11

Tert butyl alcohol

Concen: 82.717 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

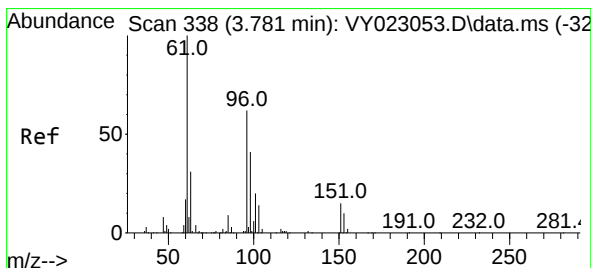
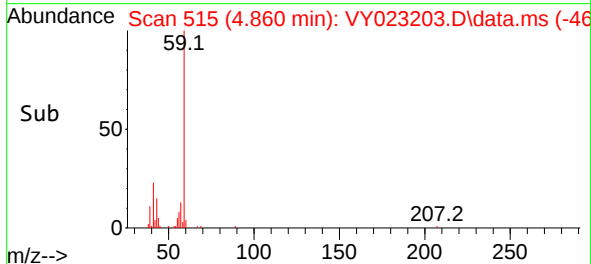
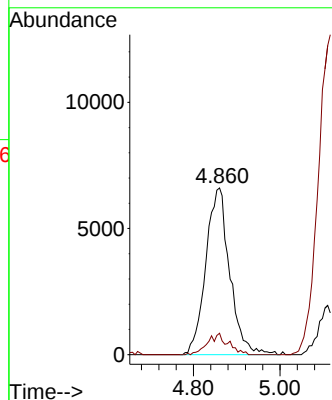
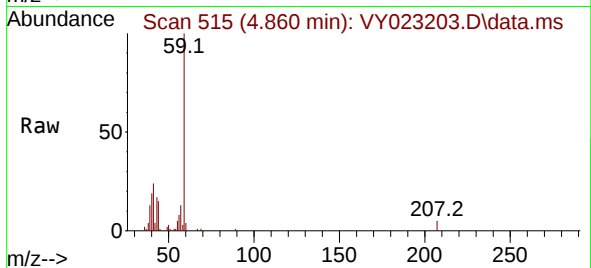
ClientSampleId :

Tgt Ion: 59 Resp: 25356

Ion Ratio Lower Upper

59 100

57 11.1 8.6 13.0



#12

1,1-Dichloroethene

Concen: 20.587 ug/l

RT: 3.787 min Scan# 339

Delta R.T. 0.006 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

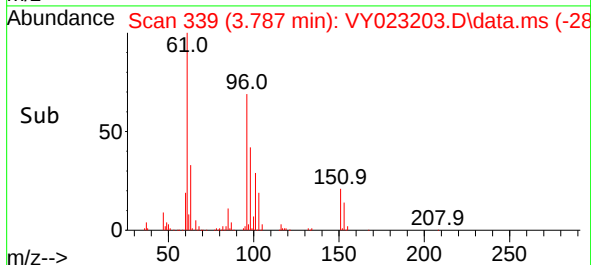
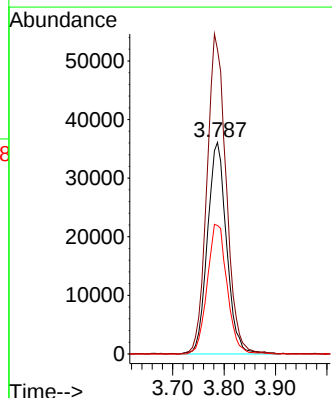
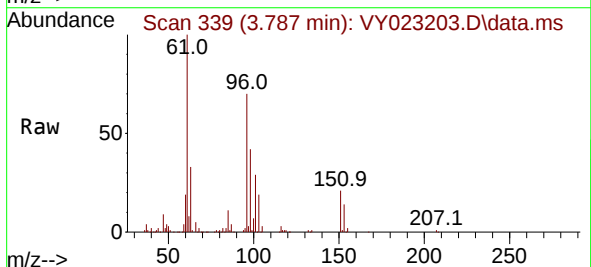
Tgt Ion: 96 Resp: 93124

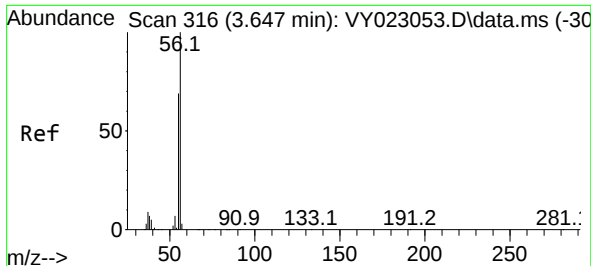
Ion Ratio Lower Upper

96 100

61 143.8 129.4 194.2

98 60.8 52.8 79.2

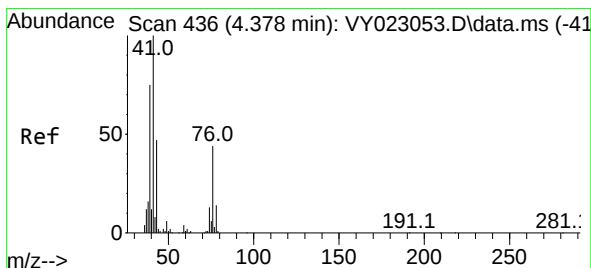
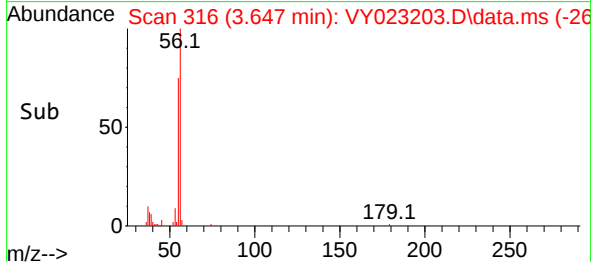
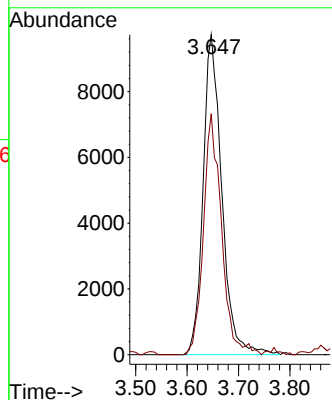
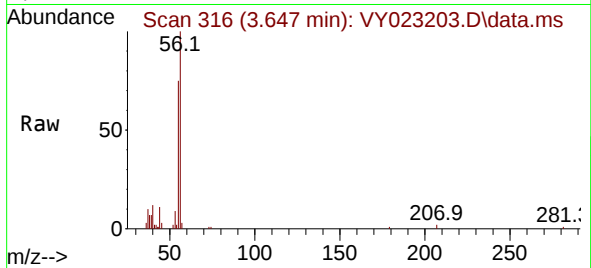




#13
Acrolein
Concen: 54.759 ug/l
RT: 3.647 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

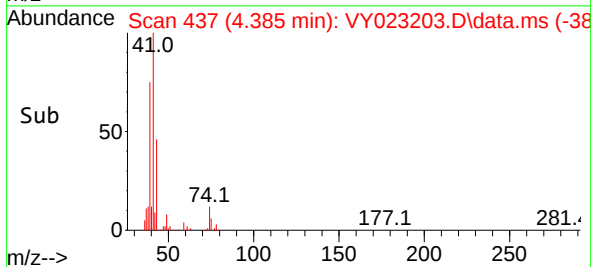
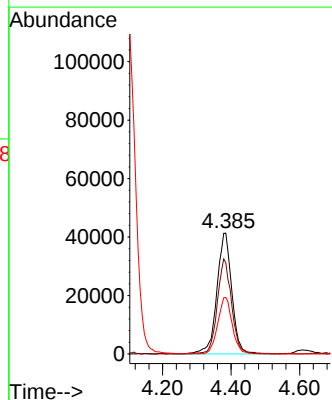
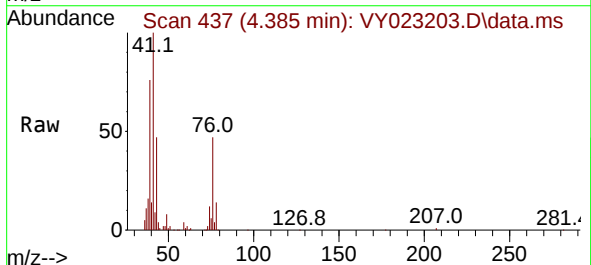
Instrument :
MSVOA_Y
ClientSampleId :

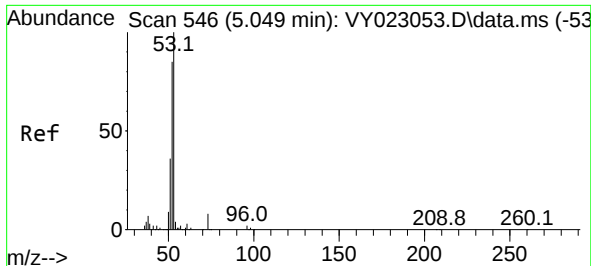
Tgt Ion: 56 Resp: 24583
Ion Ratio Lower Upper
56 100
55 72.6 55.2 82.8



#14
Allyl chloride
Concen: 18.778 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

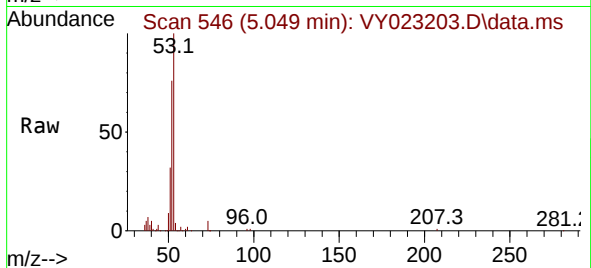
Tgt Ion: 41 Resp: 124987
Ion Ratio Lower Upper
41 100
39 74.0 59.8 89.6
76 45.1 33.7 50.5



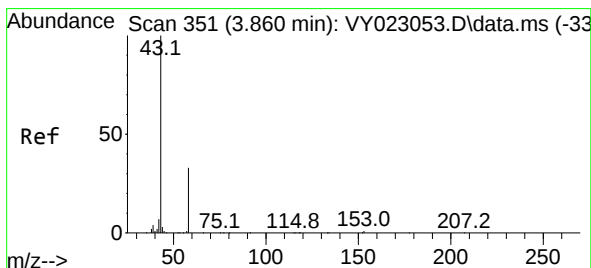
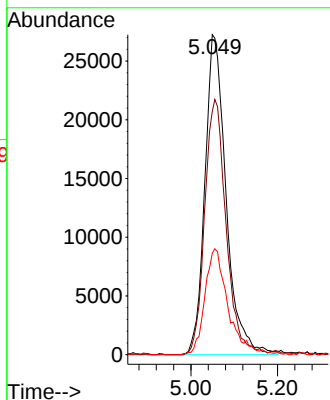
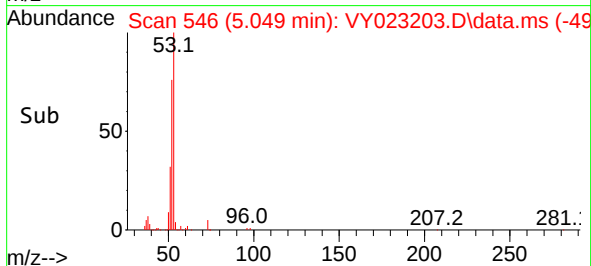


#15
Acrylonitrile
Concen: 92.486 ug/l
RT: 5.049 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Instrument :
MSVOA_Y
ClientSampleId :

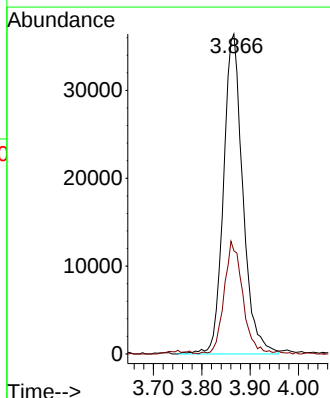
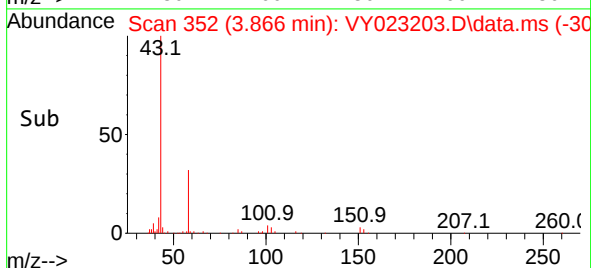
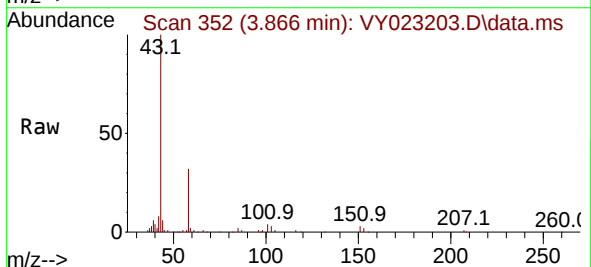


Tgt Ion: 53 Resp: 92793
Ion Ratio Lower Upper
53 100
52 80.4 65.3 97.9
51 36.2 29.5 44.3



#16
Acetone
Concen: 104.434 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion: 43 Resp: 101220
Ion Ratio Lower Upper
43 100
58 31.3 27.1 40.7

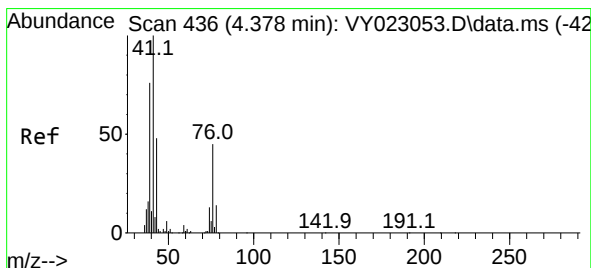
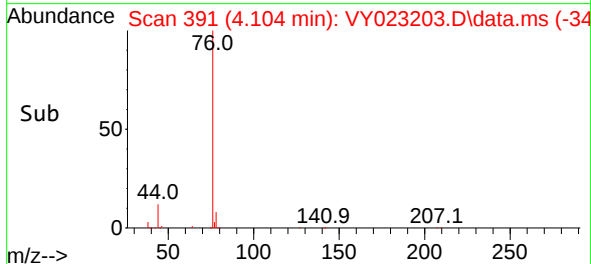
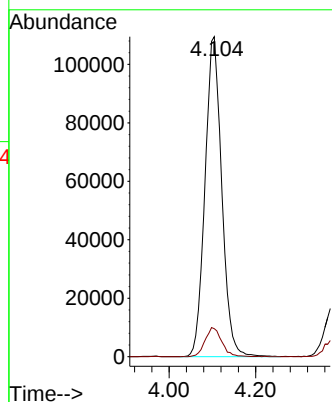
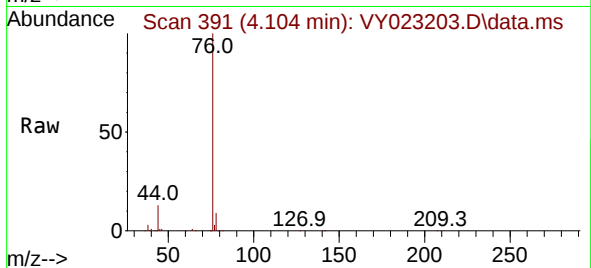




#17
Carbon Disulfide
Concen: 19.937 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

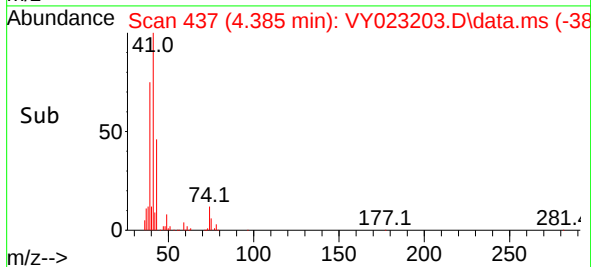
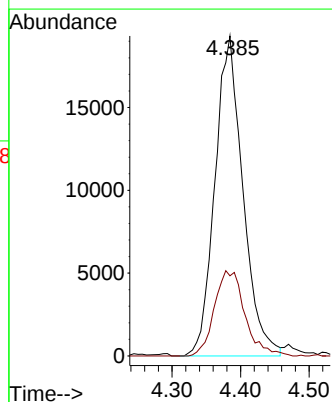
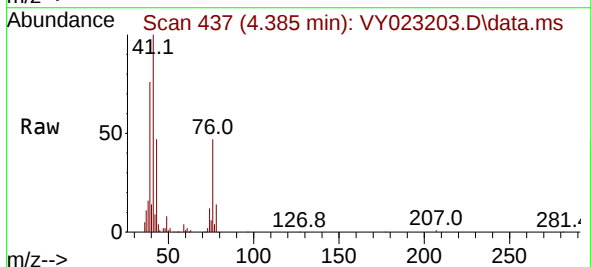
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 294054
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 18.999 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion: 43 Resp: 54799
Ion Ratio Lower Upper
43 100
74 29.0 21.2 31.8

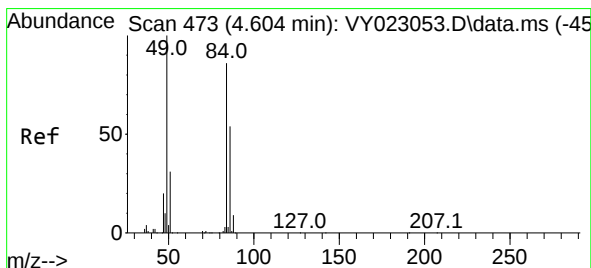
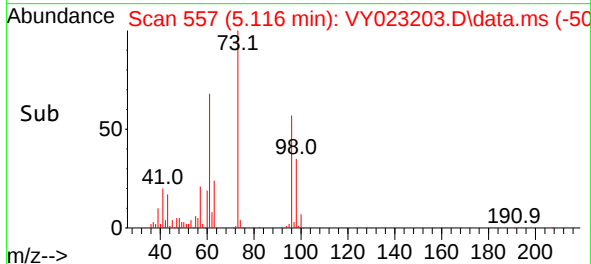
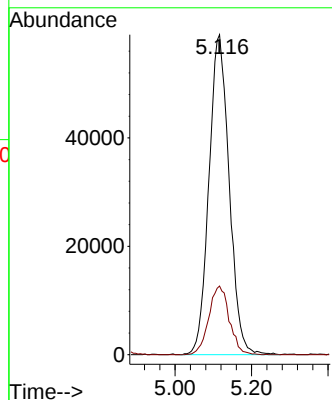
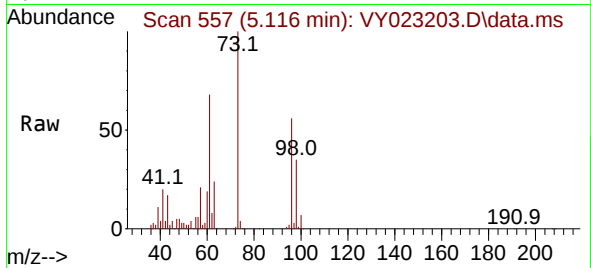




#19
Methyl tert-butyl Ether
Concen: 18.516 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

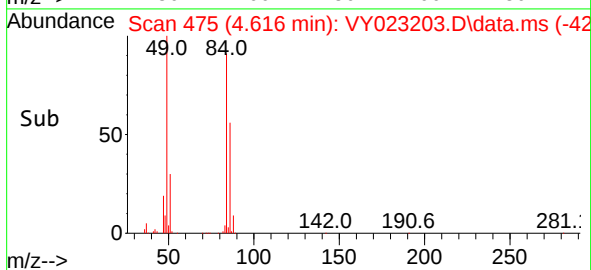
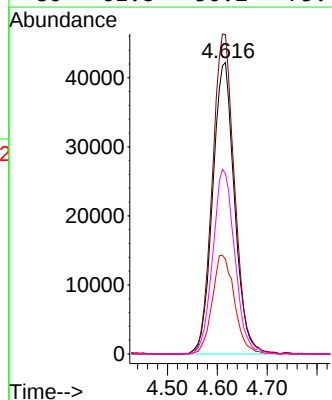
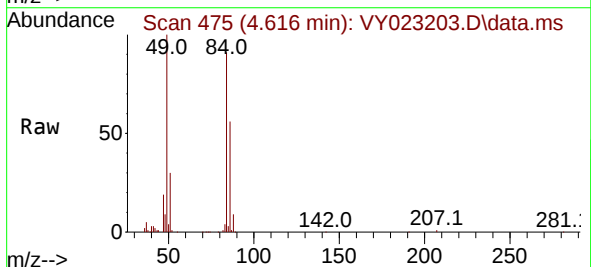
Instrument :
MSVOA_Y
ClientSampleId :

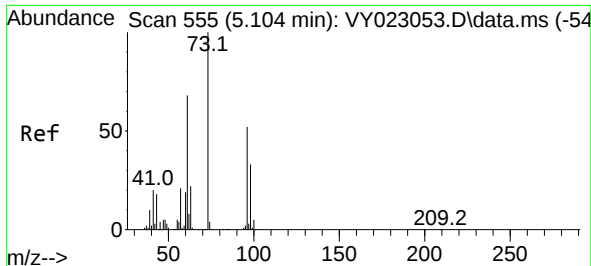
Tgt Ion: 73 Resp: 217030
Ion Ratio Lower Upper
73 100
57 21.5 17.1 25.7



#20
Methylene Chloride
Concen: 24.131 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

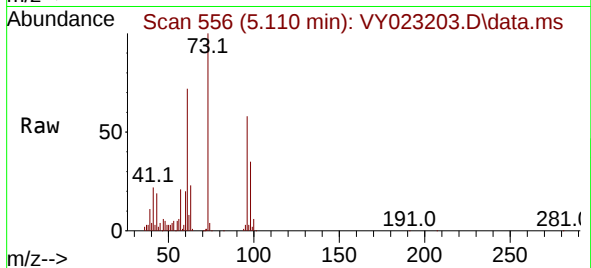
Tgt Ion: 84 Resp: 128615
Ion Ratio Lower Upper
84 100
49 109.5 93.0 139.6
51 32.4 29.0 43.4
86 61.8 50.2 75.4



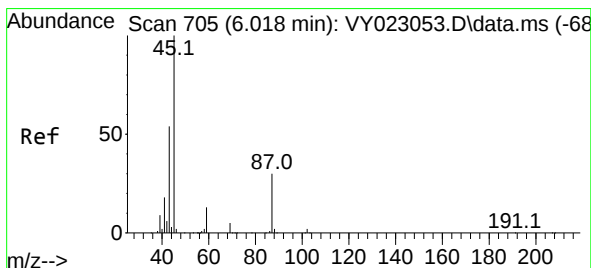
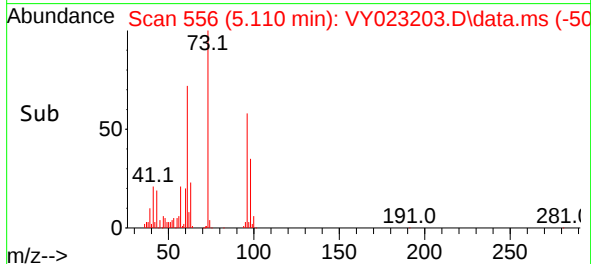
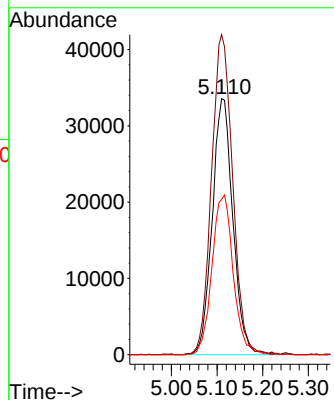


#21
trans-1,2-Dichloroethene
Concen: 20.766 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Instrument :
MSVOA_Y
ClientSampleId :

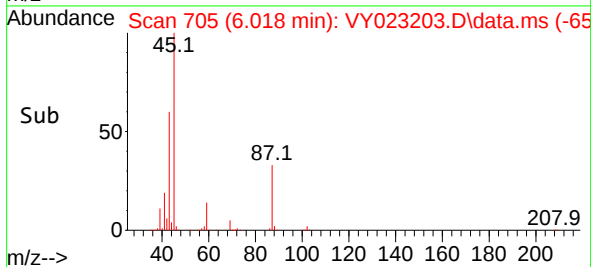
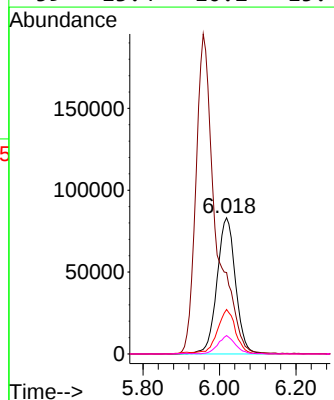
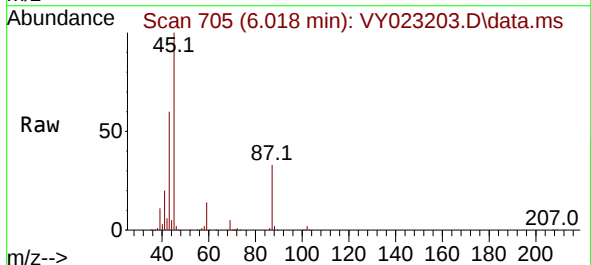


Tgt Ion: 96 Resp: 105560
Ion Ratio Lower Upper
96 100
61 125.0 104.8 157.2
98 60.7 50.1 75.1



#22
Diisopropyl ether
Concen: 19.322 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion: 45 Resp: 279458
Ion Ratio Lower Upper
45 100
43 59.5 43.4 65.0
87 32.7 24.4 36.6
59 13.4 10.2 15.4

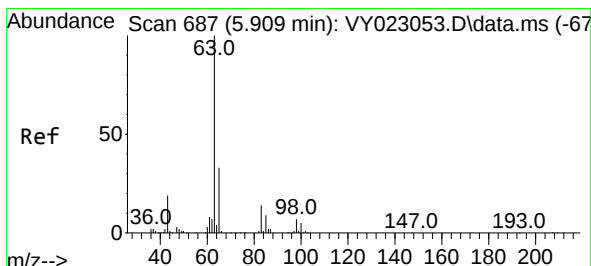
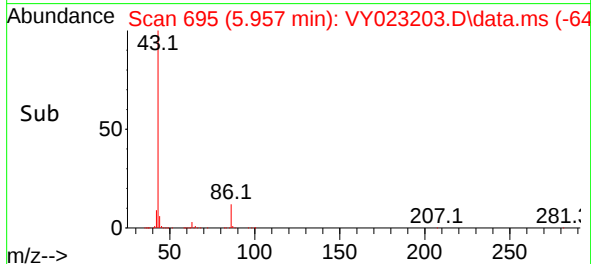
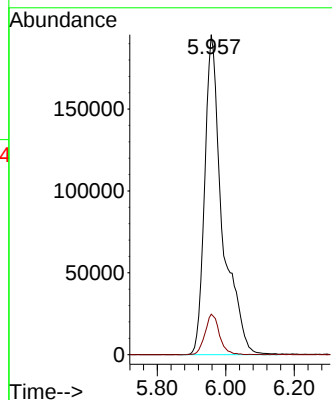
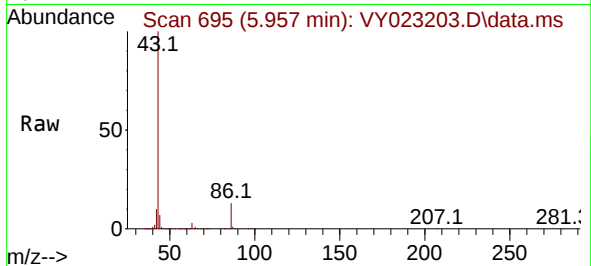




#23
 Vinyl Acetate
 Concen: 87.737 ug/l
 RT: 5.957 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY023203.D
 Acq: 25 Aug 2025 10:32

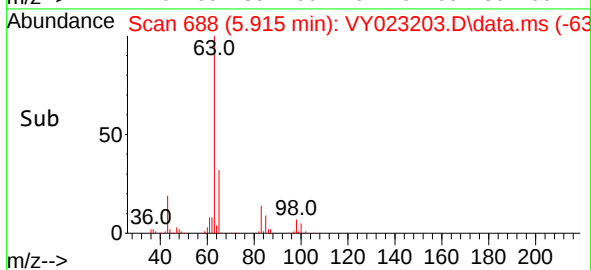
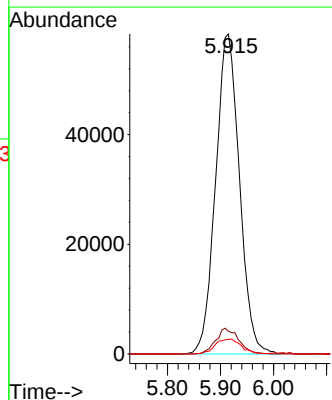
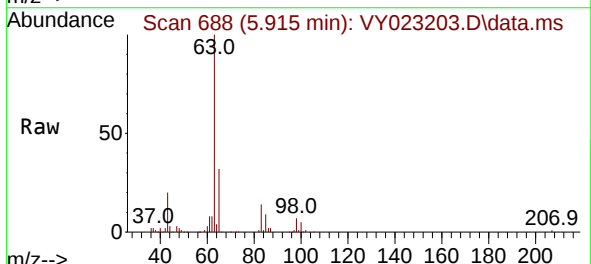
Instrument :
 MSVOA_Y
 ClientSampleId :

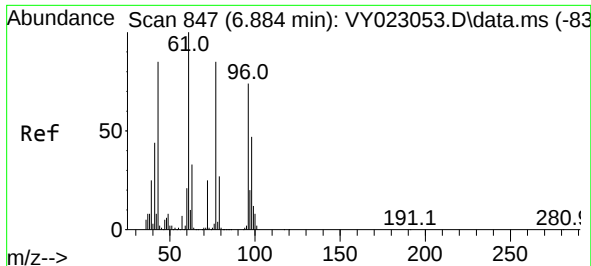
Tgt Ion: 43 Resp: 701679
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 20.589 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY023203.D
 Acq: 25 Aug 2025 10:32

Tgt Ion: 63 Resp: 182066
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.5 2.4 7.1

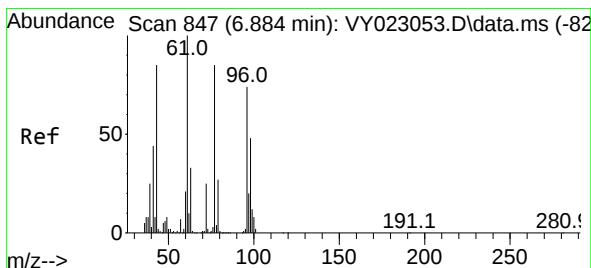
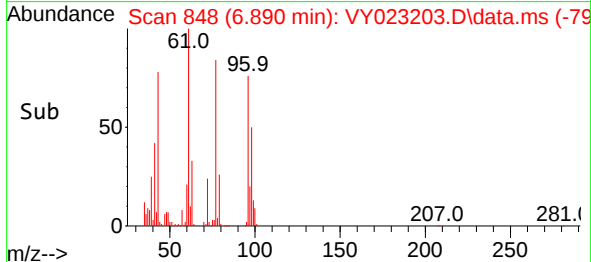
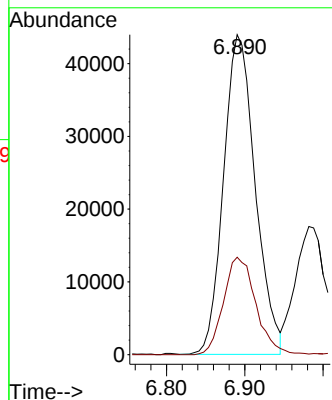
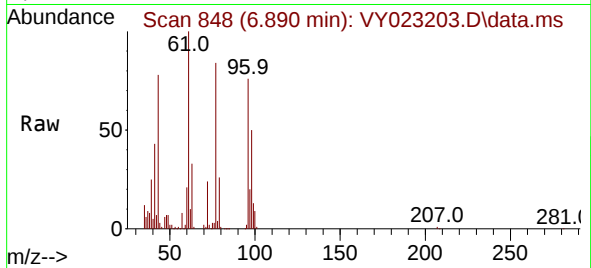




#25
2-Butanone
Concen: 93.671 ug/l
RT: 6.890 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

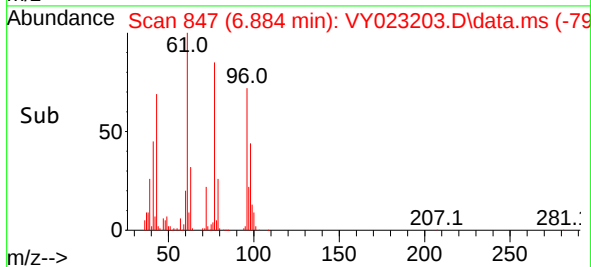
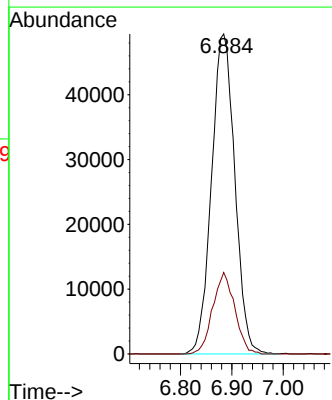
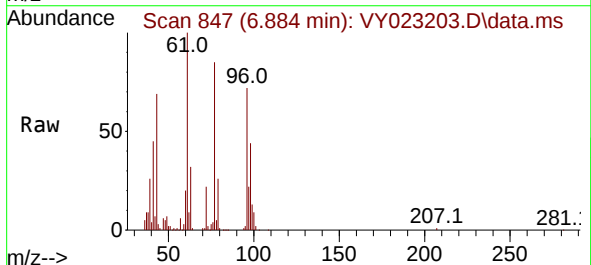
Instrument :
MSVOA_Y
ClientSampleId :

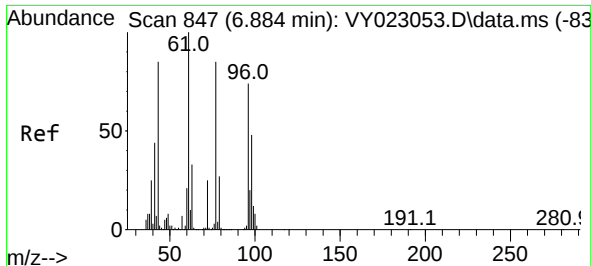
Tgt Ion: 43 Resp: 123475
Ion Ratio Lower Upper
43 100
72 30.5 23.5 35.3



#26
2,2-Dichloropropane
Concen: 20.392 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion: 77 Resp: 155592
Ion Ratio Lower Upper
77 100
97 24.1 11.6 34.8



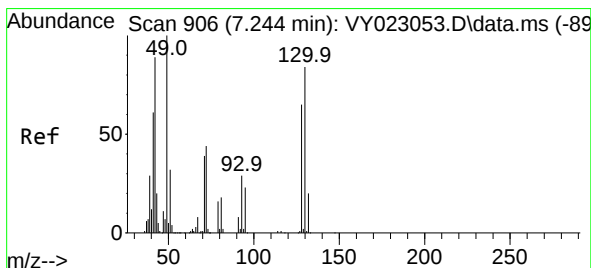
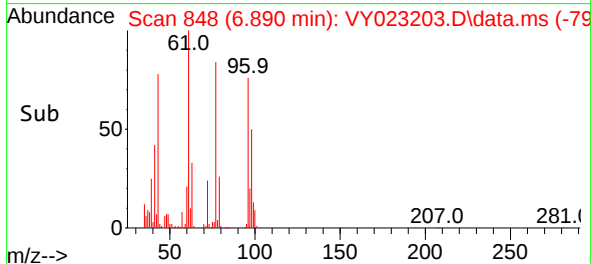
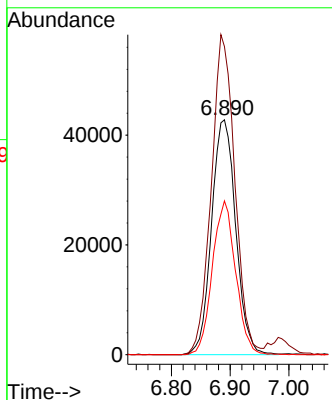
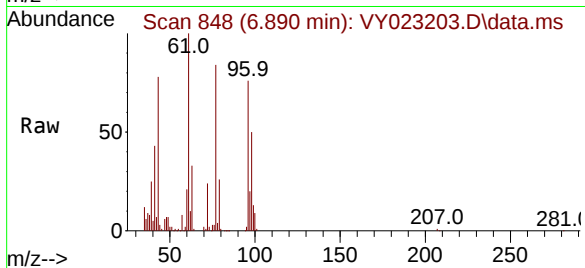


#27
 cis-1,2-Dichloroethene
 Concen: 20.855 ug/l
 RT: 6.890 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY023203.D
 Acq: 25 Aug 2025 10:32

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 122559

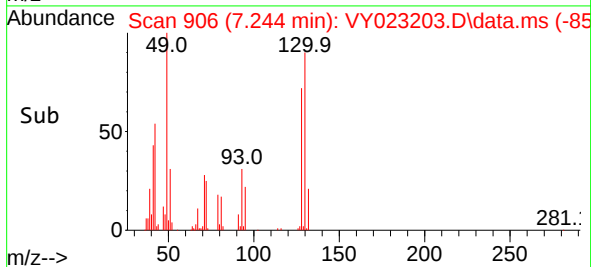
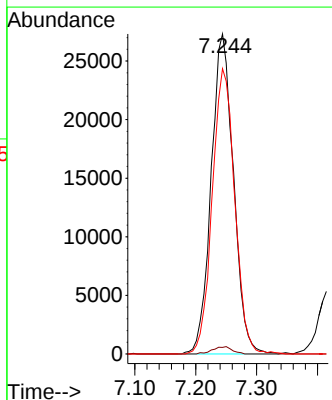
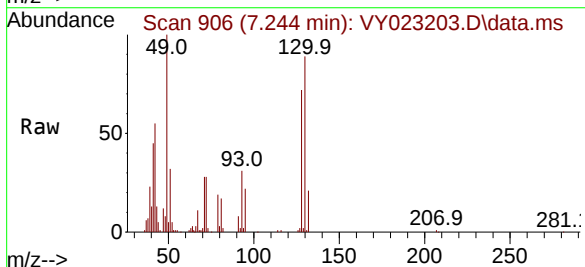
Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	278.6
98	63.0	0.0	130.4



#28
 Bromochloromethane
 Concen: 19.767 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY023203.D
 Acq: 25 Aug 2025 10:32

Tgt Ion: 49 Resp: 69348

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	89.8	66.4	99.6





#29

Tetrahydrofuran

Concen: 86.924 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.006 min

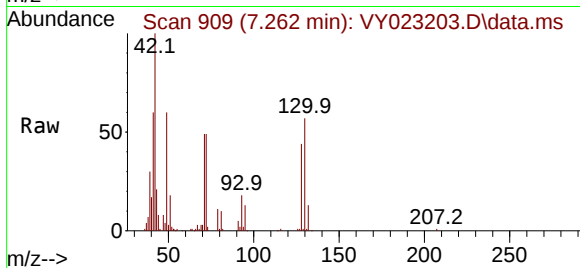
Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :



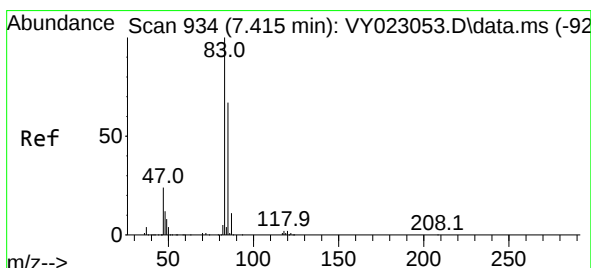
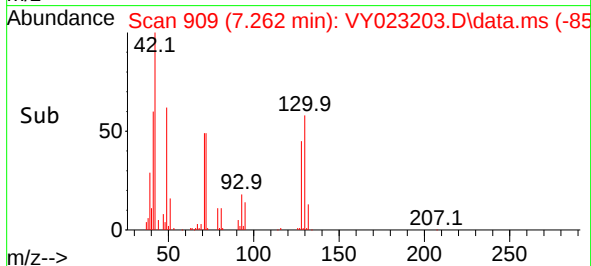
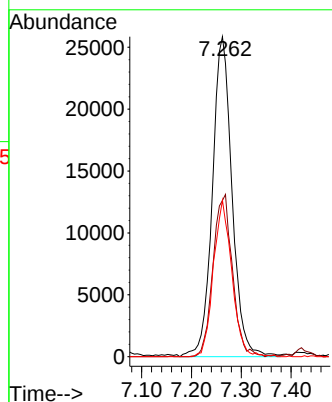
Tgt Ion: 42 Resp: 71024

Ion Ratio Lower Upper

42 100

72 50.0 39.4 59.2

71 45.9 36.5 54.7



#30

Chloroform

Concen: 21.098 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY023203.D

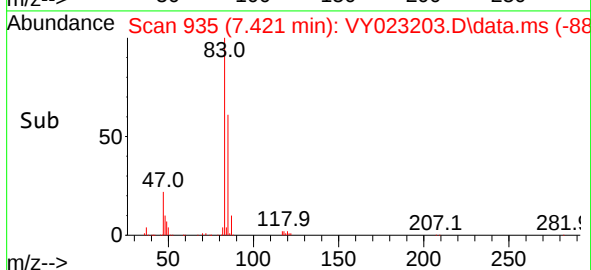
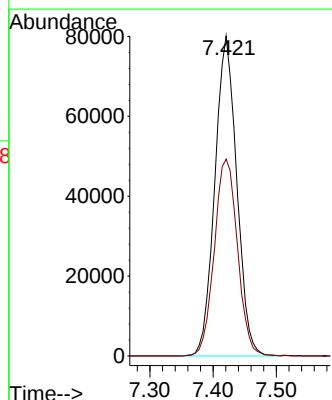
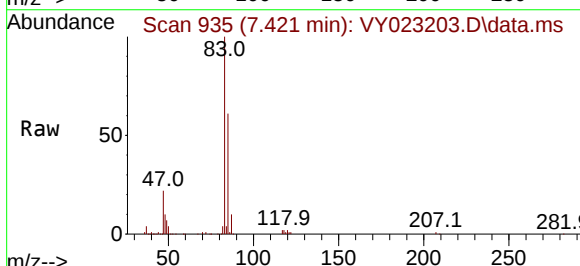
Acq: 25 Aug 2025 10:32

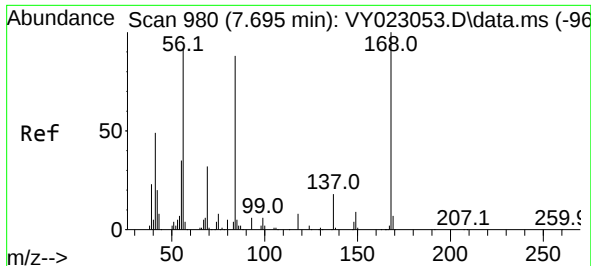
Tgt Ion: 83 Resp: 192408

Ion Ratio Lower Upper

83 100

85 61.5 53.8 80.8

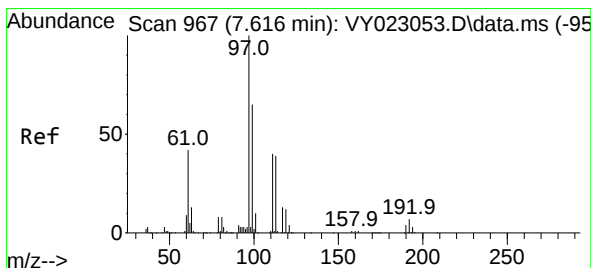
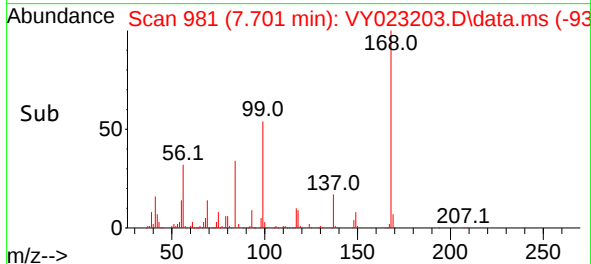
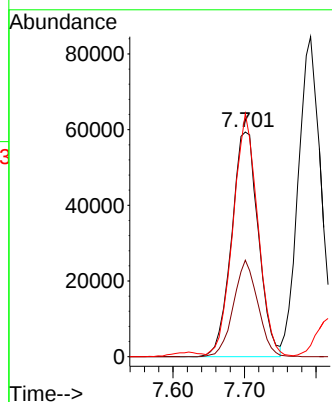
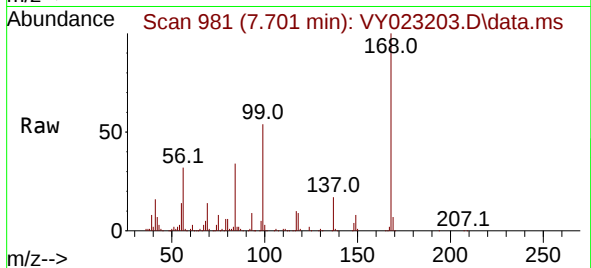




#31
Cyclohexane
Concen: 18.596 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

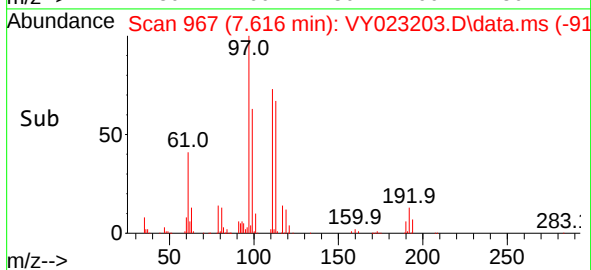
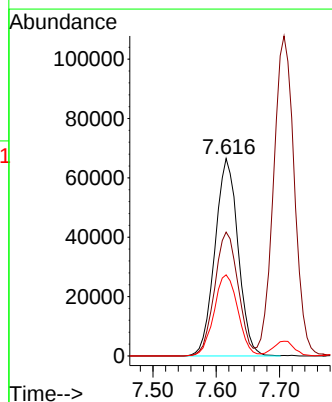
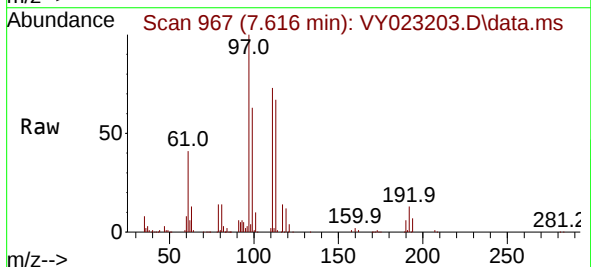
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 154962
Ion Ratio Lower Upper
56 100
69 43.0 28.2 42.2#
84 106.5 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 20.865 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion: 97 Resp: 168844
Ion Ratio Lower Upper
97 100
99 63.7 51.6 77.4
61 42.5 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 45.380 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

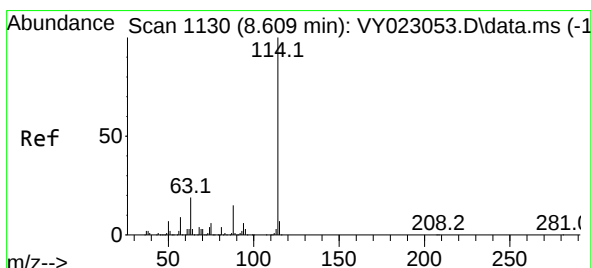
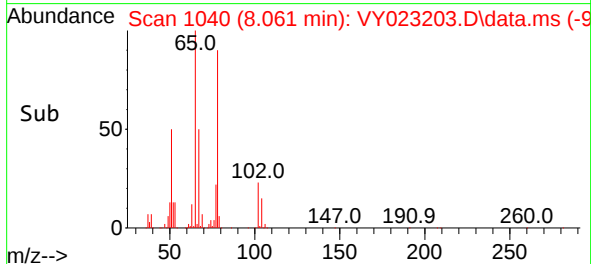
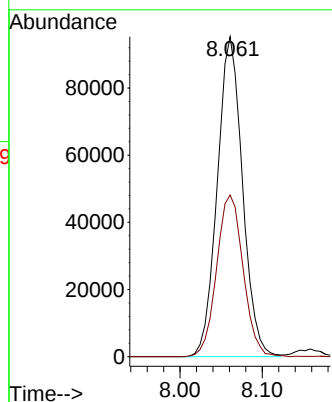
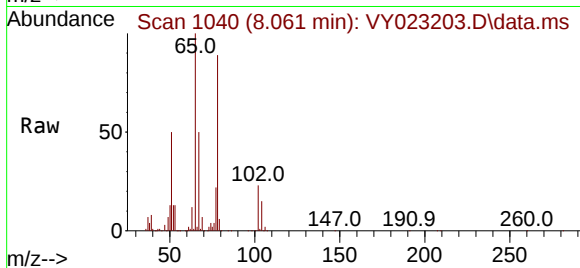
ClientSampleId :

Tgt Ion: 65 Resp: 203021

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

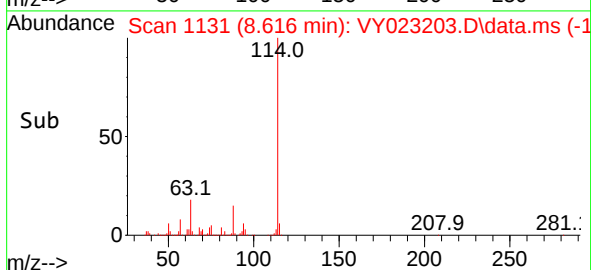
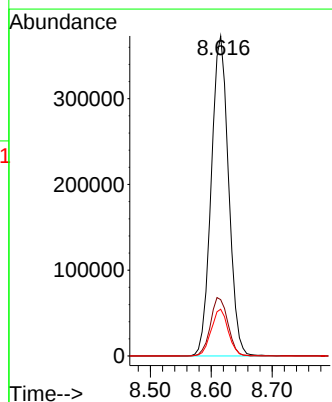
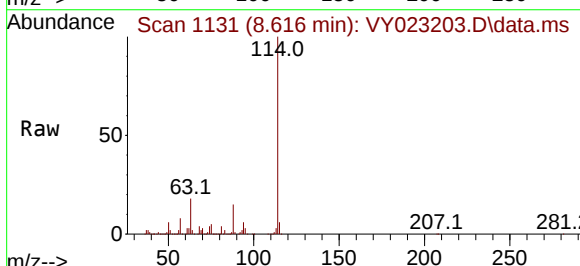
Tgt Ion: 114 Resp: 735798

Ion Ratio Lower Upper

114 100

63 17.6 0.0 38.4

88 14.6 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.642 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.006 min

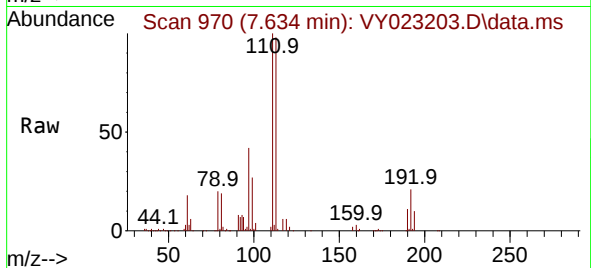
Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :



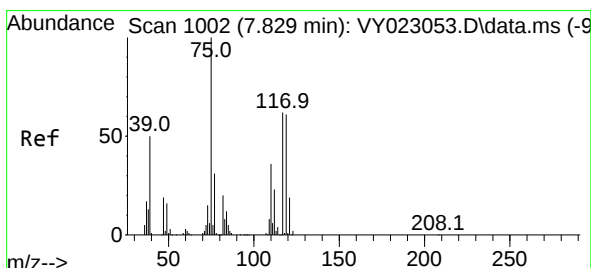
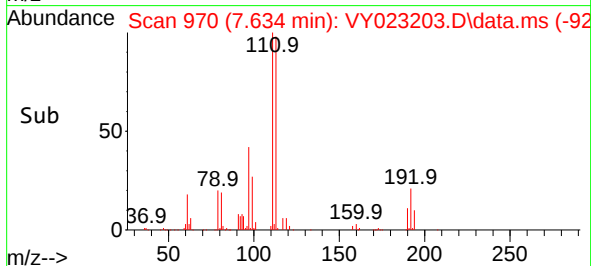
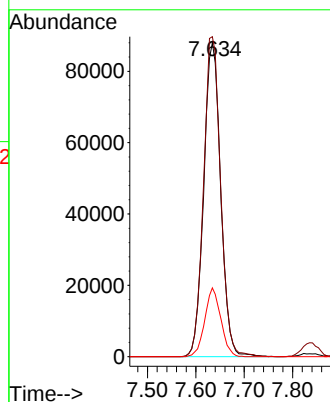
Tgt Ion:113 Resp: 214159

Ion Ratio Lower Upper

113 100

111 102.8 81.1 121.7

192 20.8 16.2 24.4



#36

1,1-Dichloropropene

Concen: 20.654 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.006 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

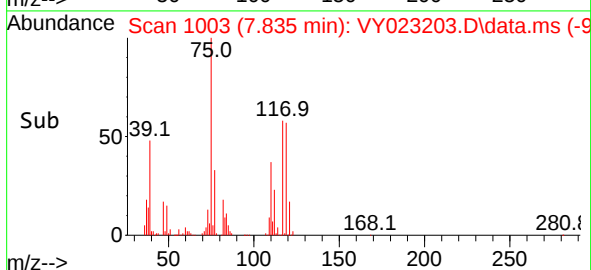
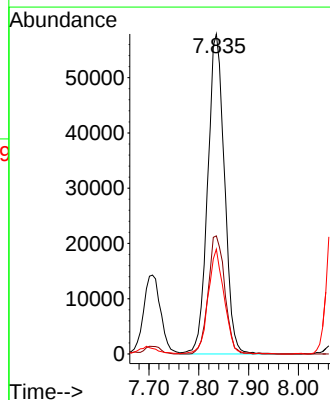
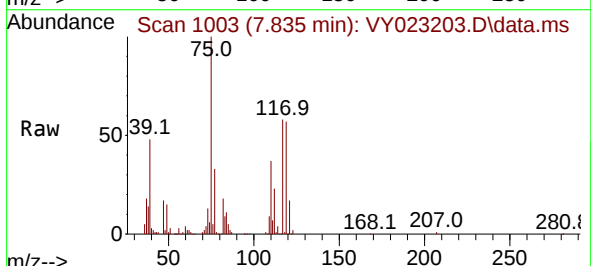
Tgt Ion: 75 Resp: 135141

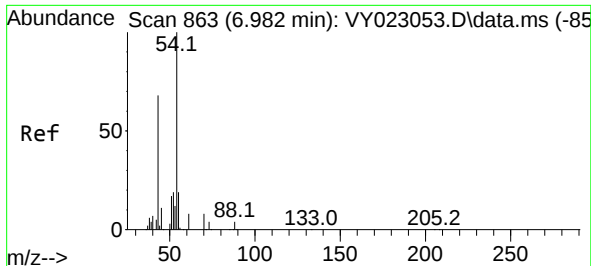
Ion Ratio Lower Upper

75 100

110 36.6 18.1 54.4

77 31.2 24.6 37.0





#37

Ethyl Acetate

Concen: 18.020 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

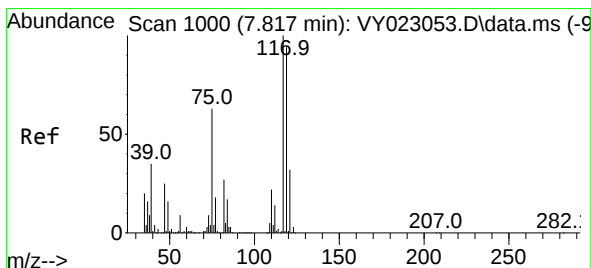
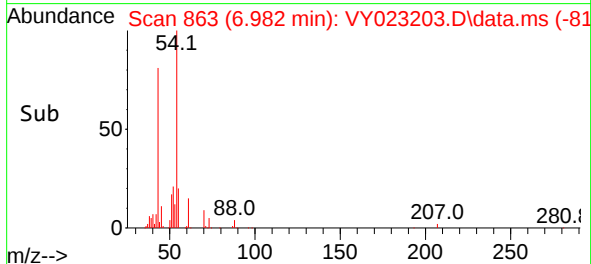
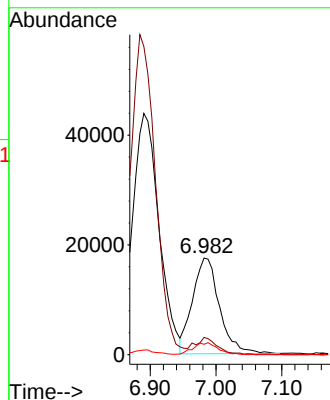
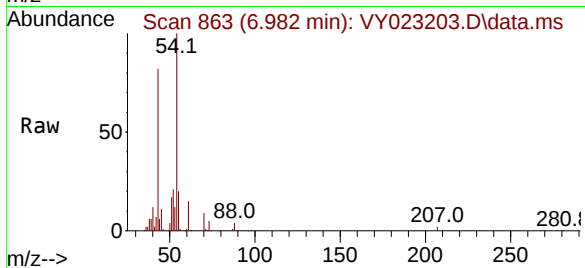
Tgt Ion: 43 Resp: 49529

Ion Ratio Lower Upper

43 100

61 14.8 11.9 17.9

70 11.5 8.8 13.2



#38

Carbon Tetrachloride

Concen: 21.389 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

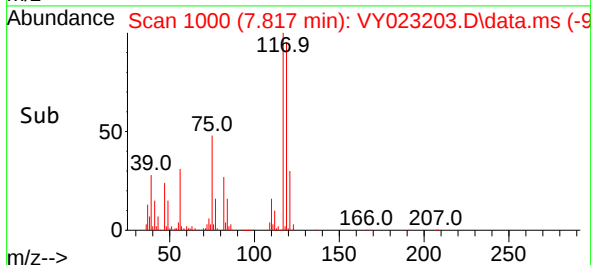
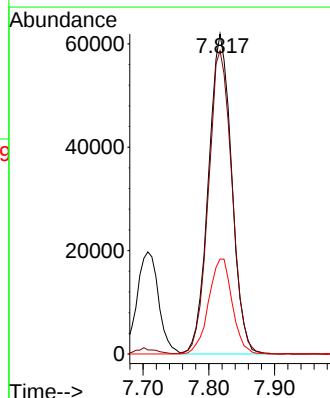
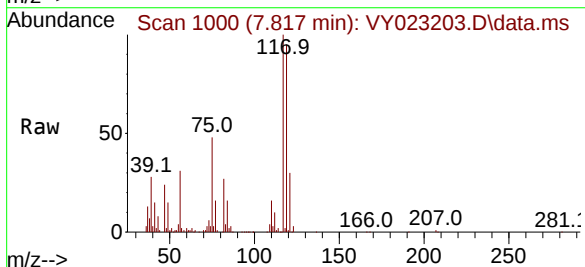
Tgt Ion: 117 Resp: 152009

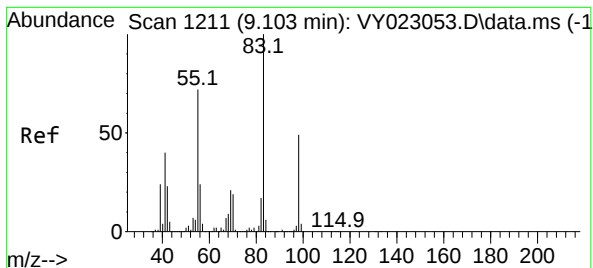
Ion Ratio Lower Upper

117 100

119 94.7 75.6 113.4

121 29.7 25.8 38.8





#39

Methylcyclohexane

Concen: 19.301 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

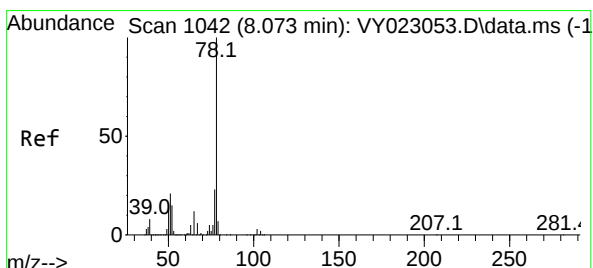
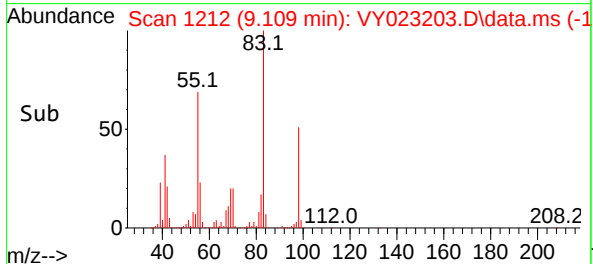
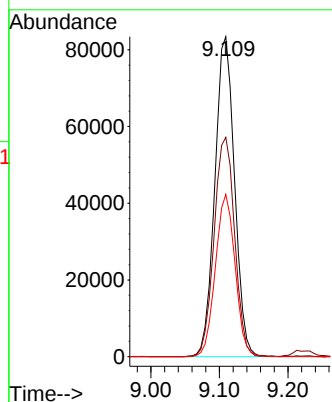
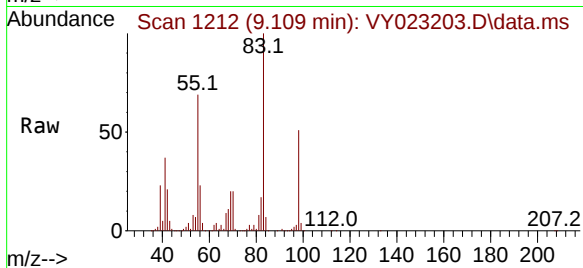
Tgt Ion: 83 Resp: 166305

Ion Ratio Lower Upper

83 100

55 68.6 57.6 86.4

98 50.7 39.2 58.8



#40

Benzene

Concen: 21.149 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY023203.D

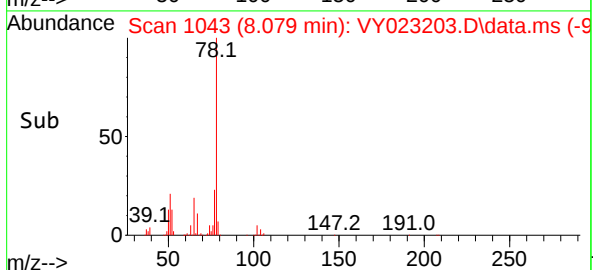
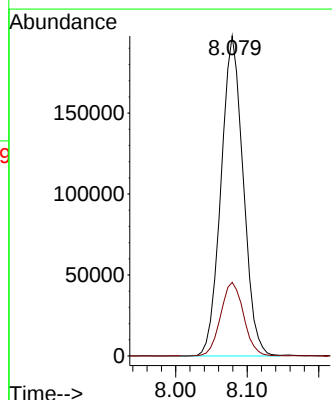
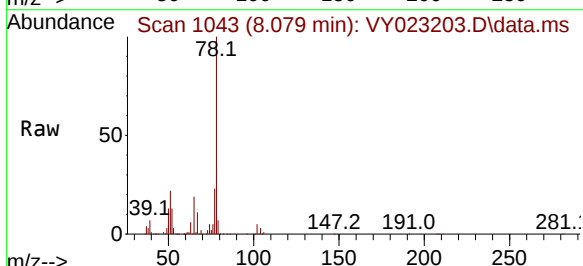
Acq: 25 Aug 2025 10:32

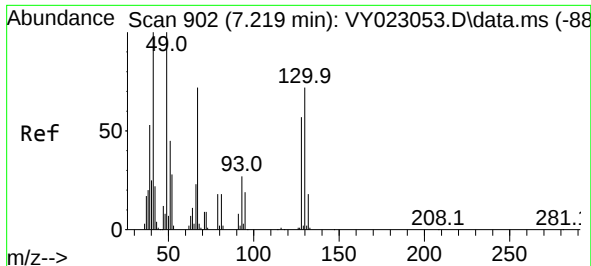
Tgt Ion: 78 Resp: 426506

Ion Ratio Lower Upper

78 100

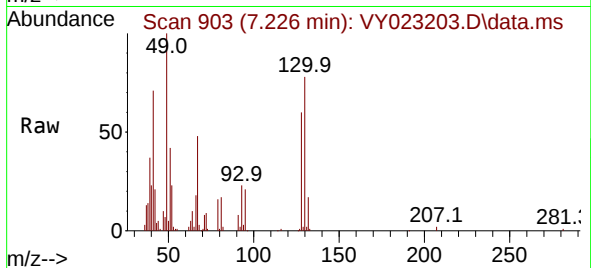
77 23.0 18.6 28.0



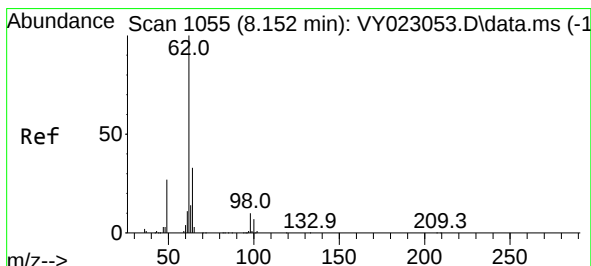
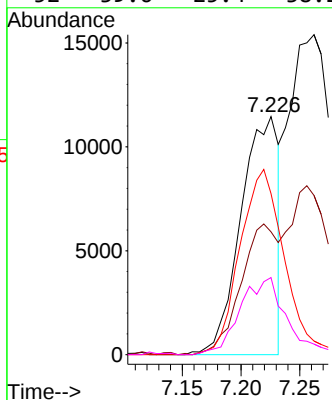
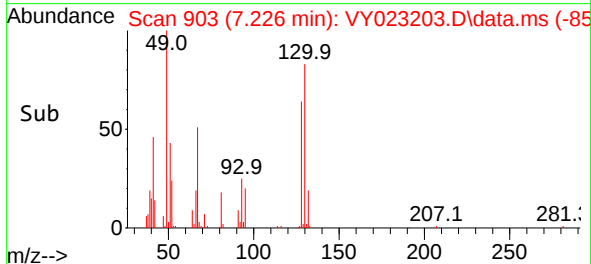


#41
Methacrylonitrile
Concen: 16.153 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Instrument :
MSVOA_Y
ClientSampleId :

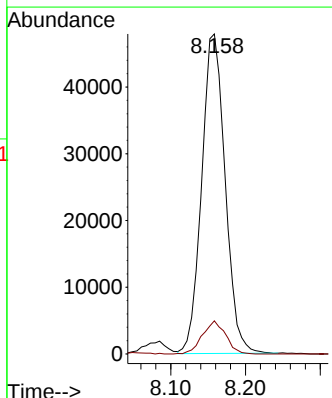
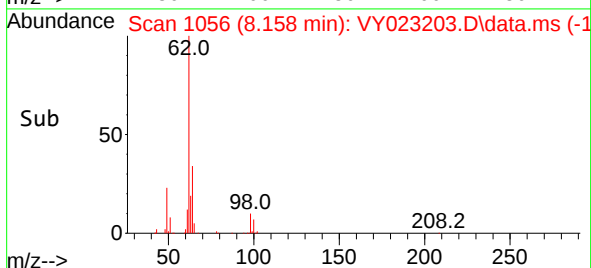
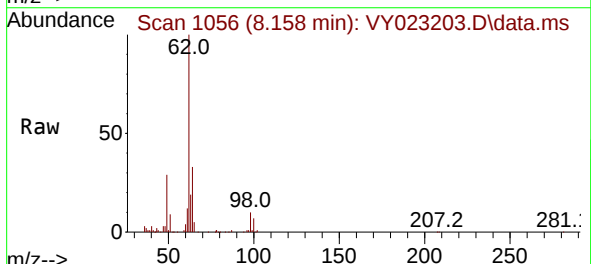


Tgt Ion: 41 Resp: 25623
Ion Ratio Lower Upper
41 100
39 53.7 43.4 65.2
67 91.6 63.6 95.4
52 39.6 25.4 38.2#



#42
1,2-Dichloroethane
Concen: 19.911 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion: 62 Resp: 104432
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.6

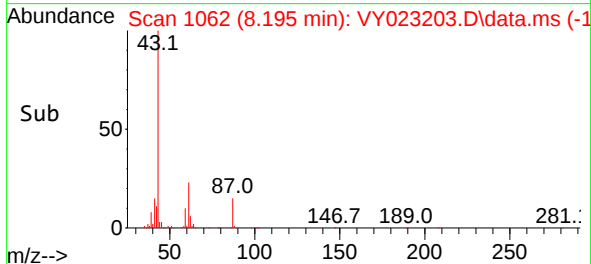
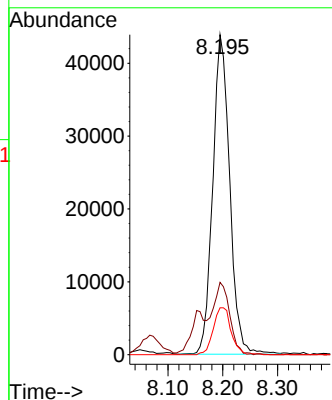
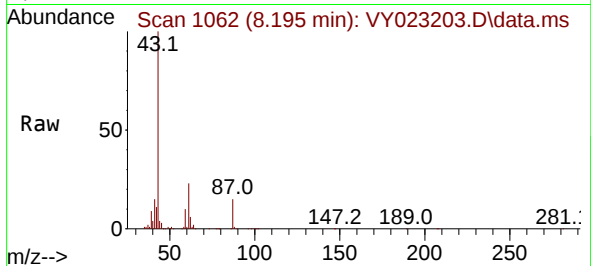




#43
Isopropyl Acetate
Concen: 16.916 ug/l
RT: 8.195 min Scan# 110
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

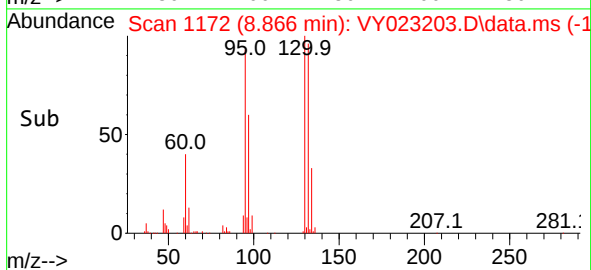
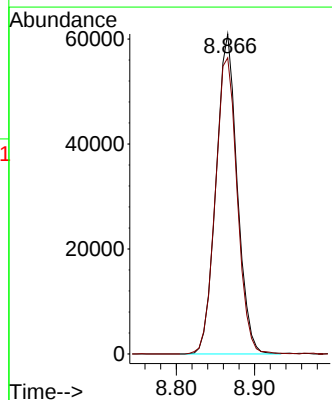
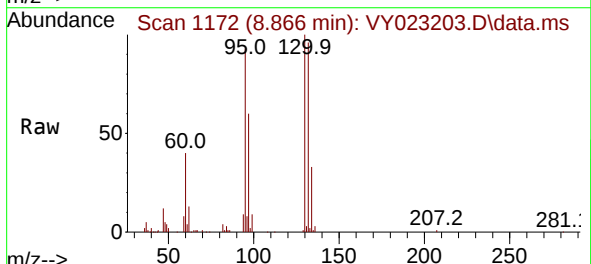
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 93973
Ion Ratio Lower Upper
43 100
61 22.5 16.4 24.6
87 15.3 11.8 17.6



#44
Trichloroethene
Concen: 21.972 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion:130 Resp: 114507
Ion Ratio Lower Upper
130 100
95 92.5 0.0 190.2





#45

1,2-Dichloropropane

Concen: 20.995 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

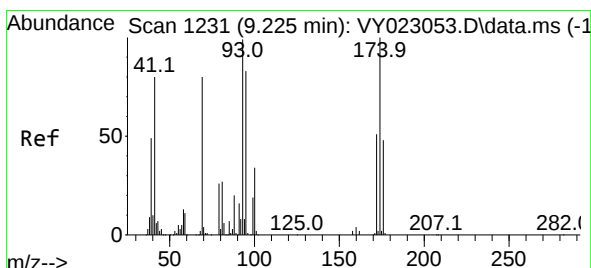
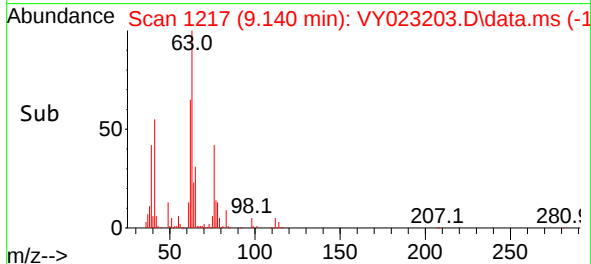
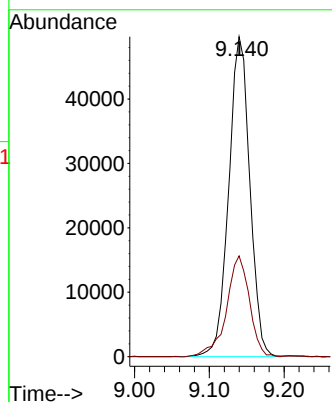
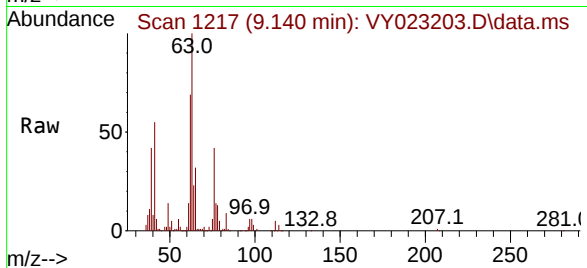
ClientSampleId :

Tgt Ion: 63 Resp: 97421

Ion Ratio Lower Upper

63 100

65 31.5 25.3 37.9



#46

Dibromomethane

Concen: 20.883 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

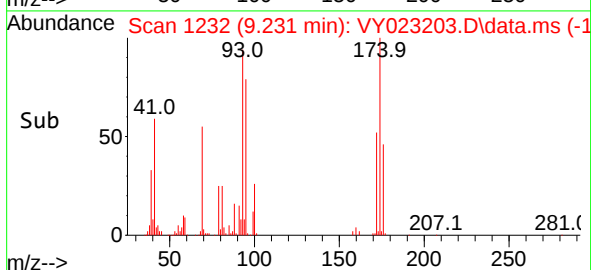
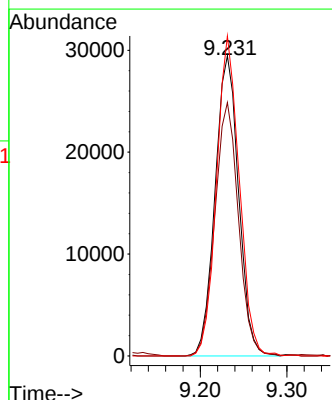
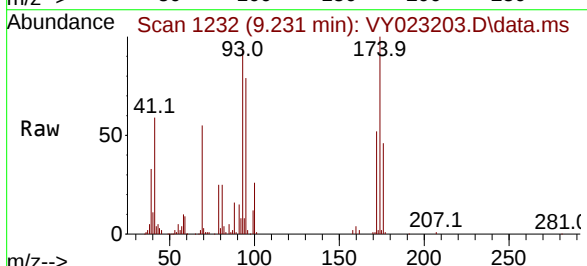
Tgt Ion: 93 Resp: 55618

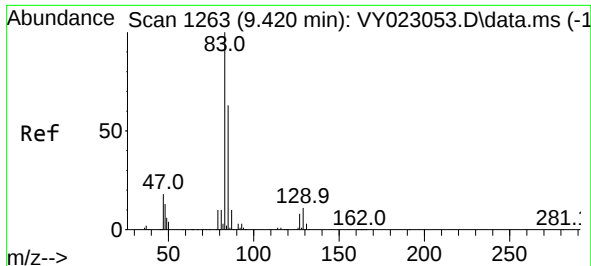
Ion Ratio Lower Upper

93 100

95 84.7 66.5 99.7

174 103.0 81.8 122.8

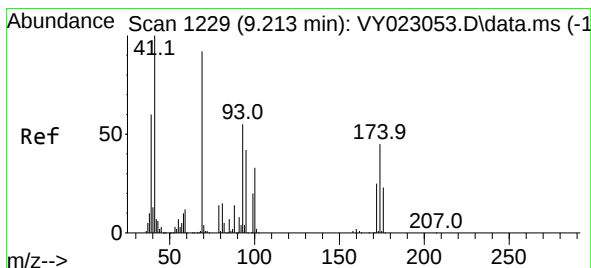
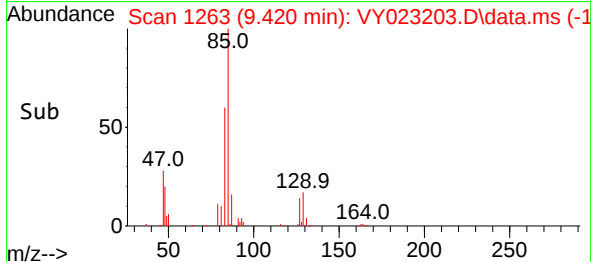
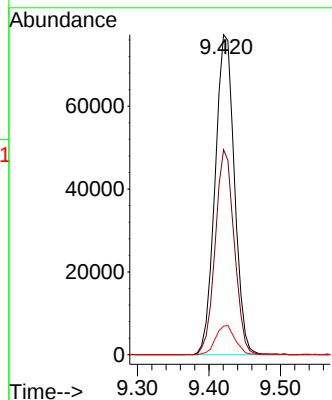
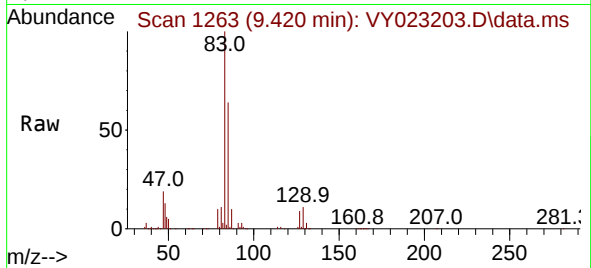




#47
Bromodichloromethane
Concen: 21.197 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

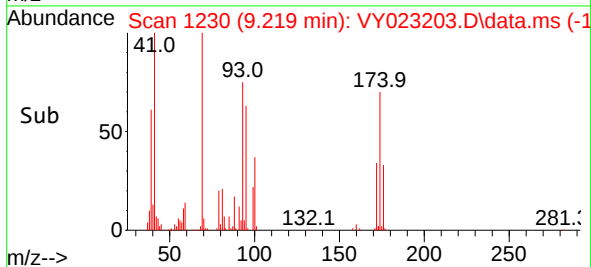
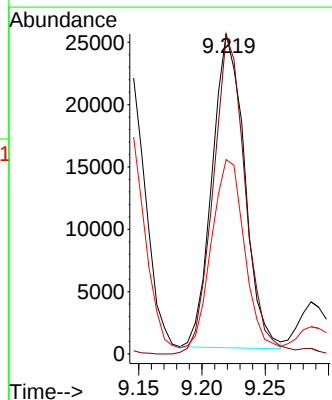
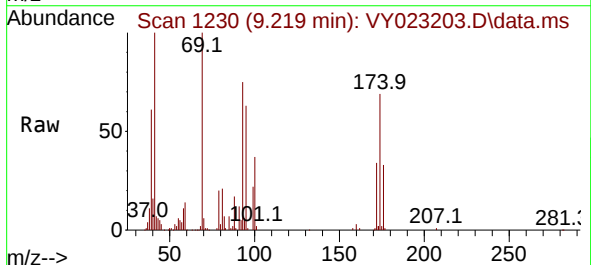
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 83 Resp: 145267
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4
127 8.9 6.6 10.0



#48
Methyl methacrylate
Concen: 16.882 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion: 41 Resp: 44879
Ion Ratio Lower Upper
41 100
69 100.3 73.2 109.8
39 61.0 47.0 70.4

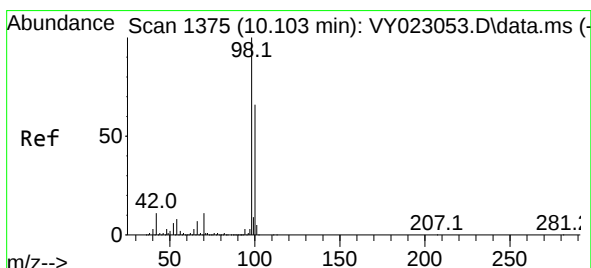
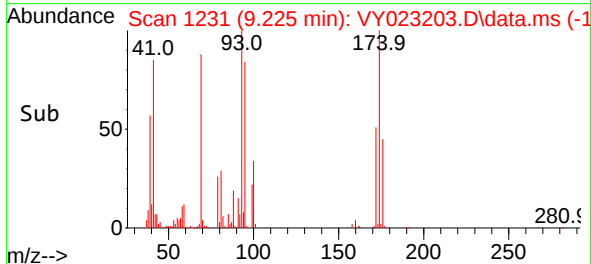
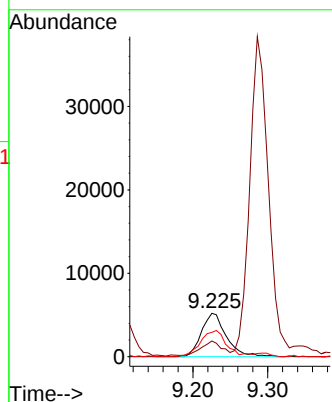
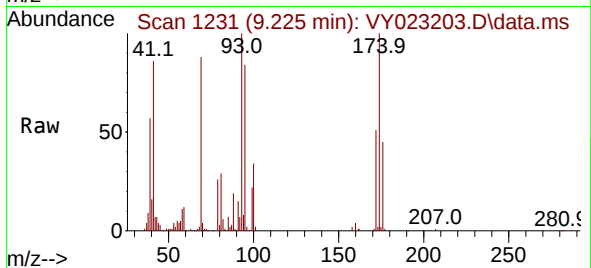




#49
1,4-Dioxane
Concen: 381.928 ug/l
RT: 9.225 min Scan# 11927
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

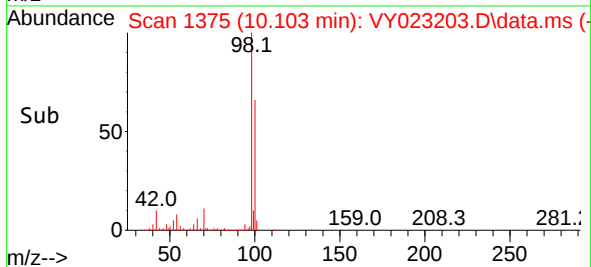
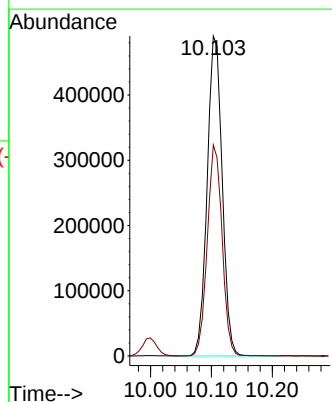
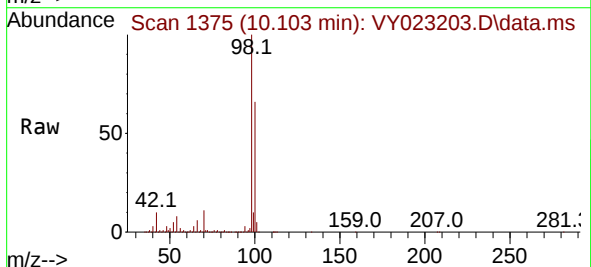
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
88	100		
43	26.5	24.3	36.5
58	63.7	55.4	83.0



#50
Toluene-d8
Concen: 48.845 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 88.045 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

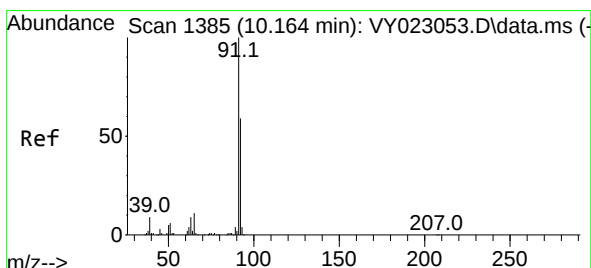
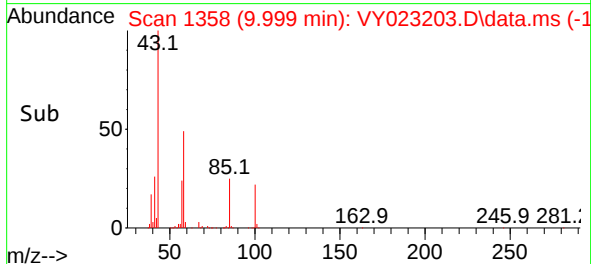
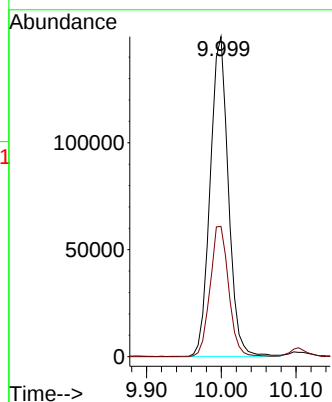
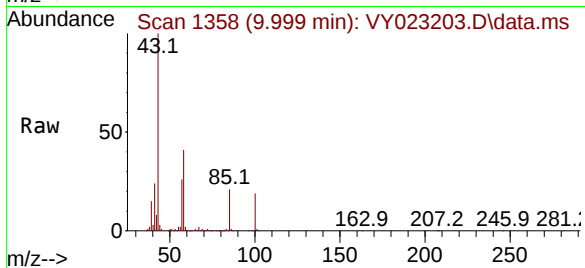
ClientSampleId :

Tgt Ion: 43 Resp: 252302

Ion Ratio Lower Upper

43 100

58 41.7 33.5 50.3



#52

Toluene

Concen: 21.371 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY023203.D

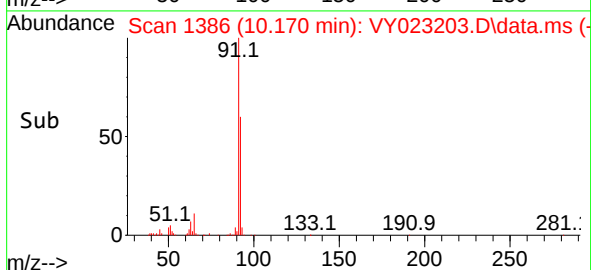
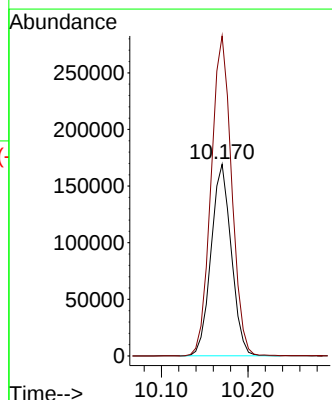
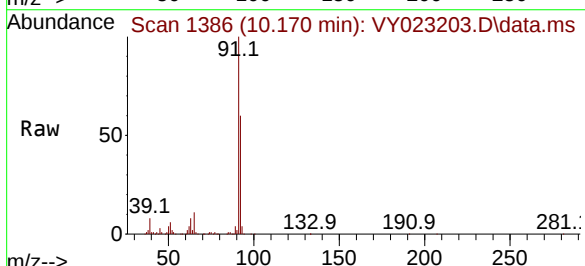
Acq: 25 Aug 2025 10:32

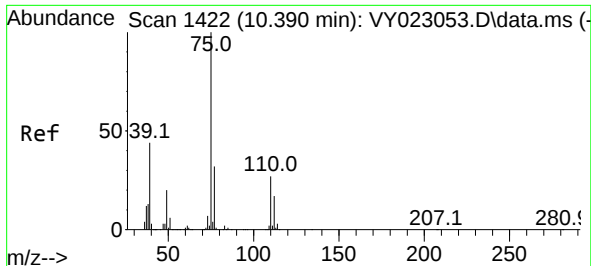
Tgt Ion: 92 Resp: 273729

Ion Ratio Lower Upper

92 100

91 170.3 136.4 204.6

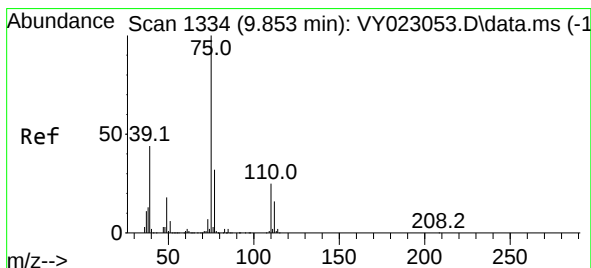
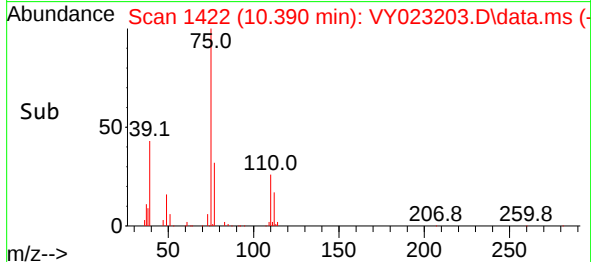
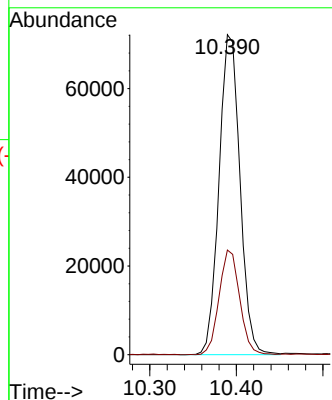
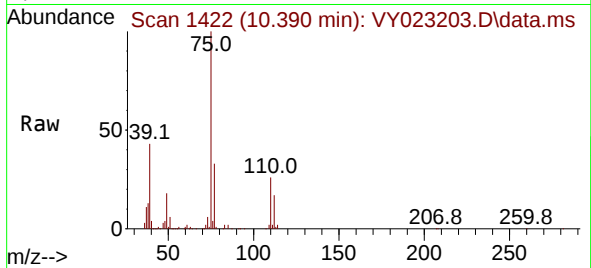




#53
t-1,3-Dichloropropene
Concen: 19.565 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

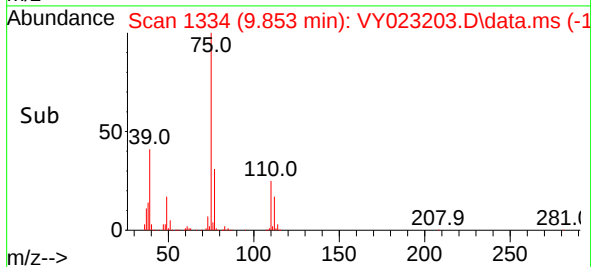
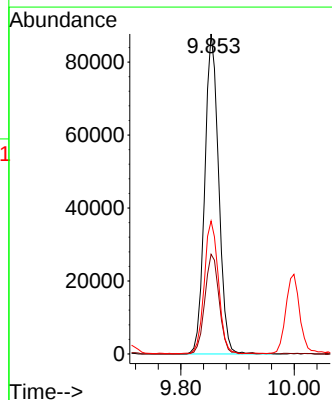
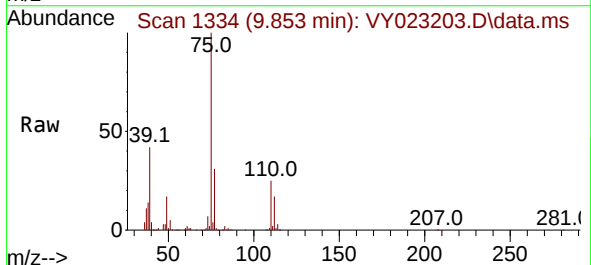
Instrument :
MSVOA_Y
ClientSampleId :

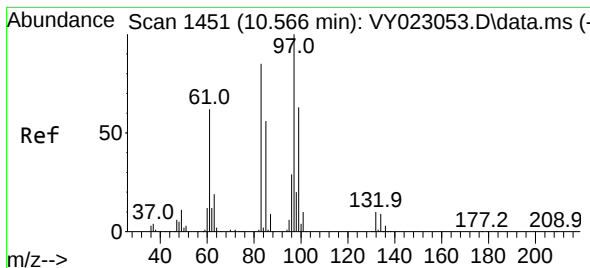
Tgt Ion: 75 Resp: 121415
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 20.378 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion: 75 Resp: 149542
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0
39 41.4 35.6 53.4

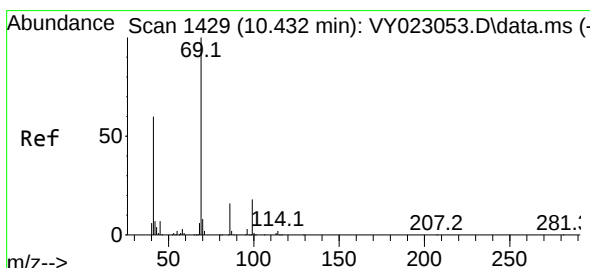
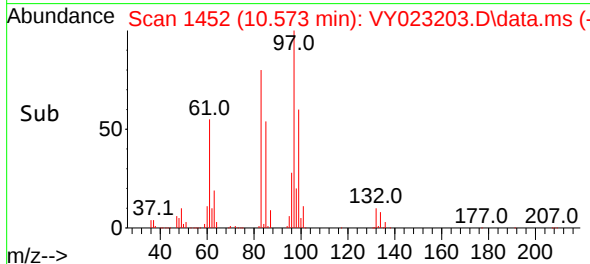
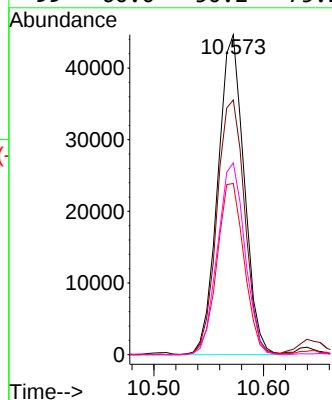
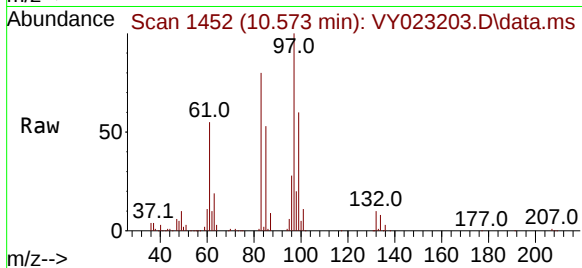




#55
 1,1,2-Trichloroethane
 Concen: 20.874 ug/l
 RT: 10.573 min Scan# 1451
 Delta R.T. 0.006 min
 Lab File: VY023203.D
 Acq: 25 Aug 2025 10:32

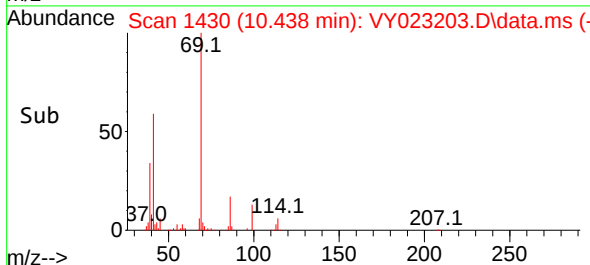
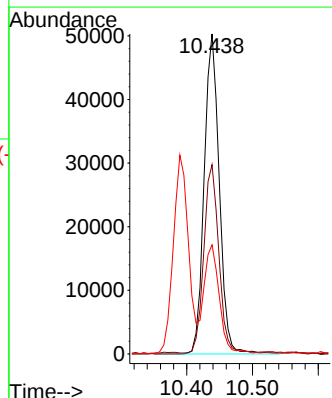
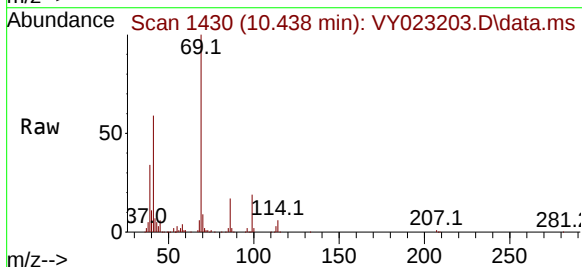
Instrument :
 MSVOA_Y
 ClientSampleId :

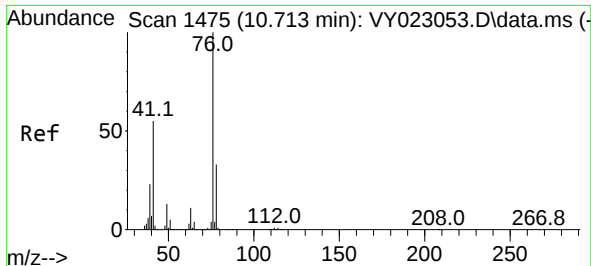
Tgt Ion: 97 Resp: 74392
 Ion Ratio Lower Upper
 97 100
 83 79.7 67.7 101.5
 85 53.6 44.5 66.7
 99 60.0 50.2 75.2



#56
 Ethyl methacrylate
 Concen: 17.618 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. 0.006 min
 Lab File: VY023203.D
 Acq: 25 Aug 2025 10:32

Tgt Ion: 69 Resp: 80341
 Ion Ratio Lower Upper
 69 100
 41 58.2 48.6 72.8
 39 34.4 27.0 40.4





#57

1,3-Dichloropropane

Concen: 19.831 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

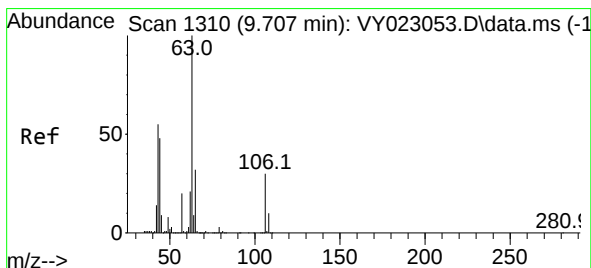
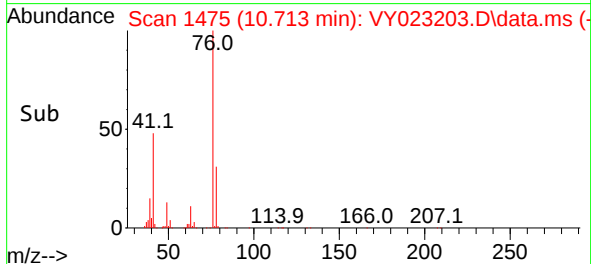
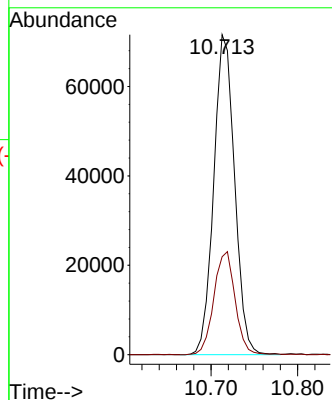
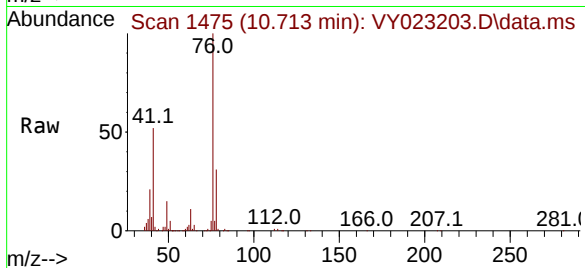
ClientSampleId :

Tgt Ion: 76 Resp: 119857

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 93.836 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023203.D

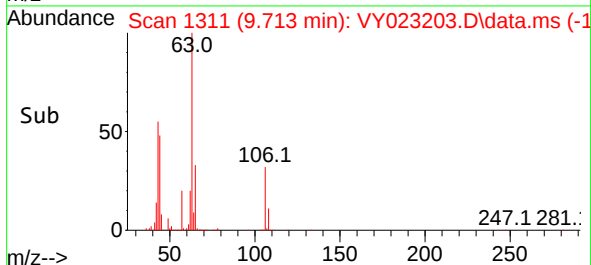
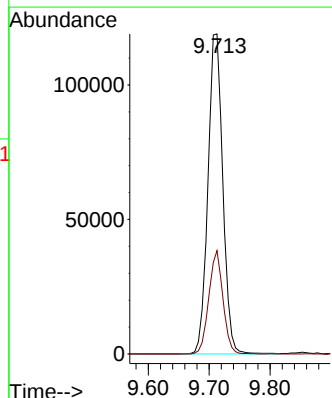
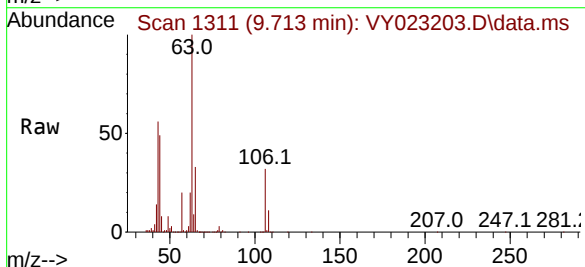
Acq: 25 Aug 2025 10:32

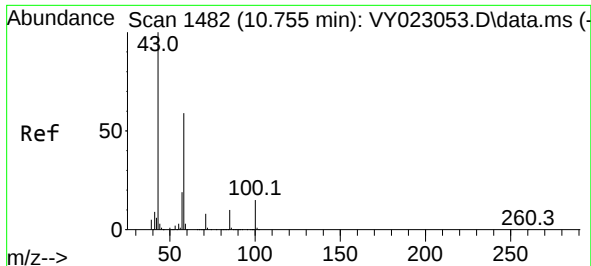
Tgt Ion: 63 Resp: 201849

Ion Ratio Lower Upper

63 100

106 30.6 23.2 34.8

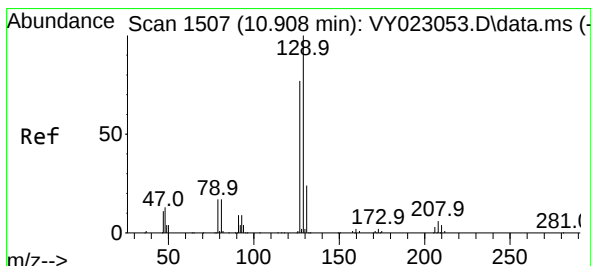
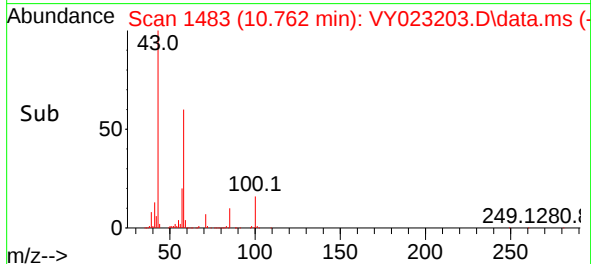
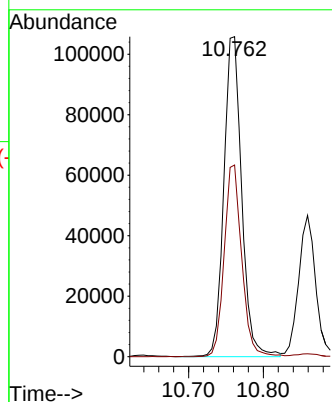
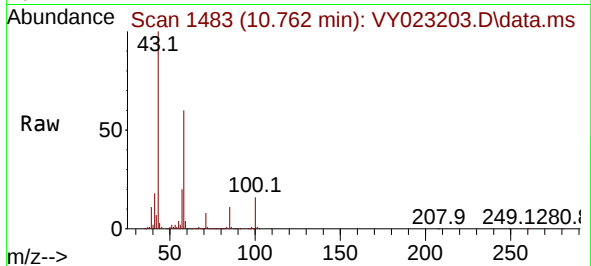




#59
2-Hexanone
Concen: 90.092 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

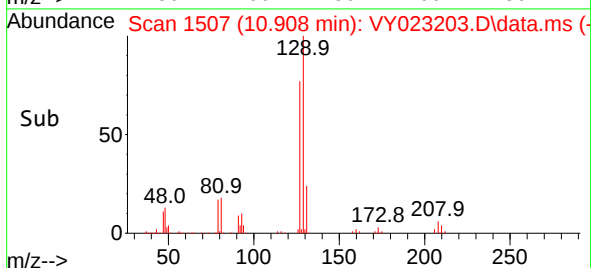
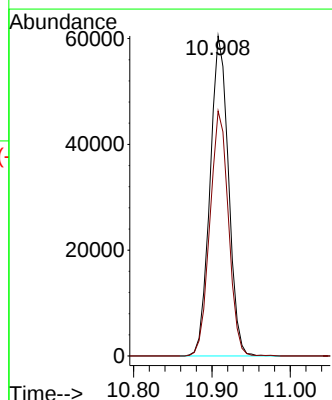
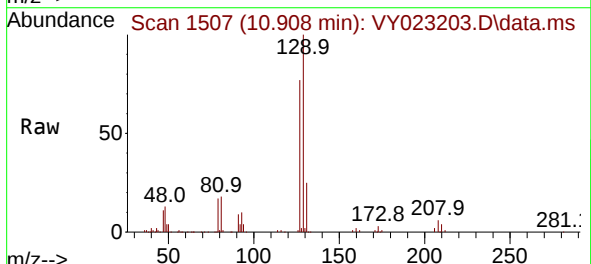
Instrument :
MSVOA_Y
ClientSampleId :

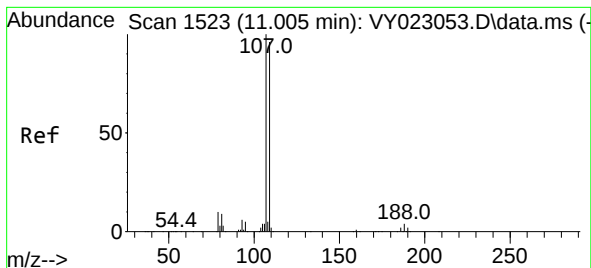
Tgt Ion: 43 Resp: 175794
Ion Ratio Lower Upper
43 100
58 58.9 29.5 88.5



#60
Dibromochloromethane
Concen: 21.031 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion: 129 Resp: 98895
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

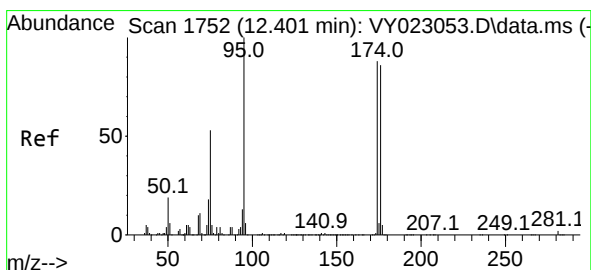
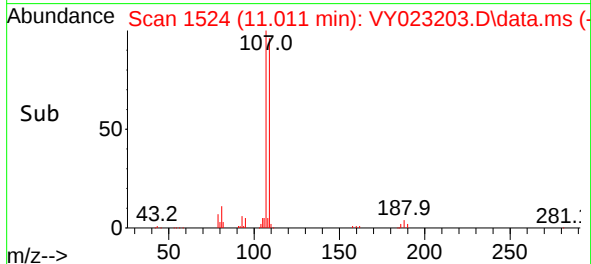
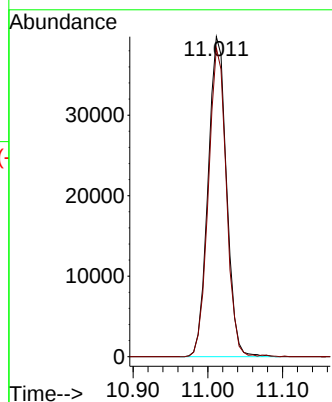
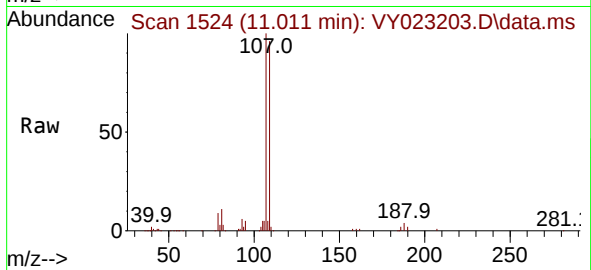




#61
1,2-Dibromoethane
Concen: 20.412 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

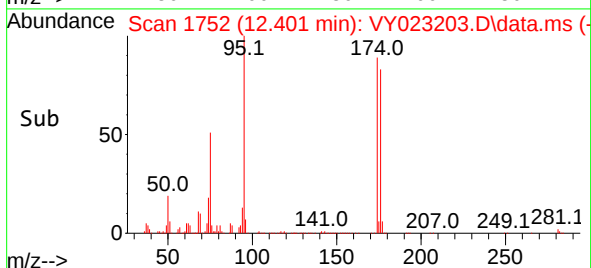
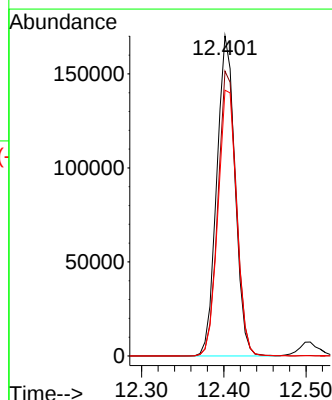
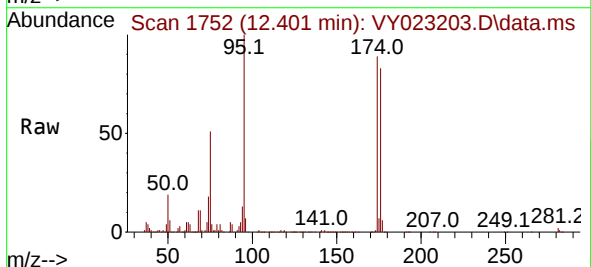
Instrument :
MSVOA_Y
ClientSampleId :

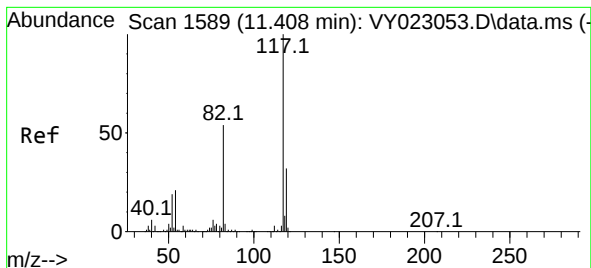
Tgt Ion:107 Resp: 68371
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.520 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion: 95 Resp: 262855
Ion Ratio Lower Upper
95 100
174 89.9 0.0 171.6
176 85.4 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

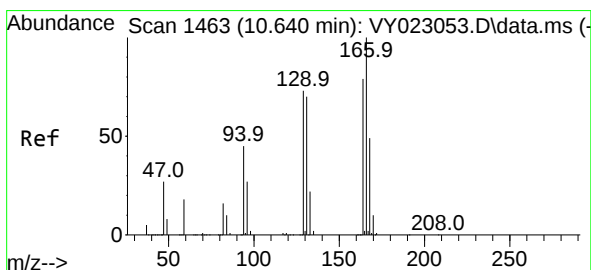
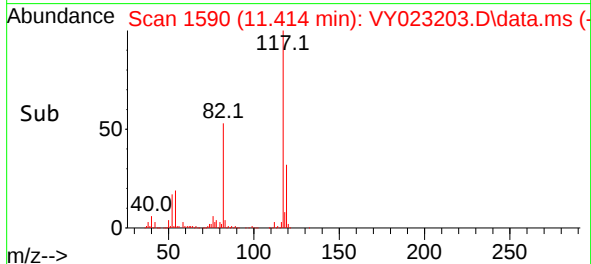
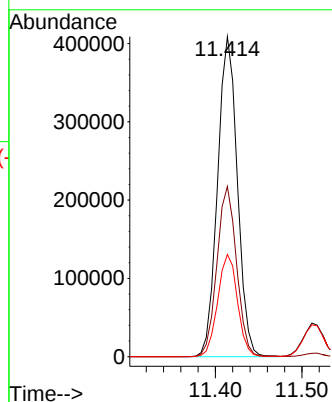
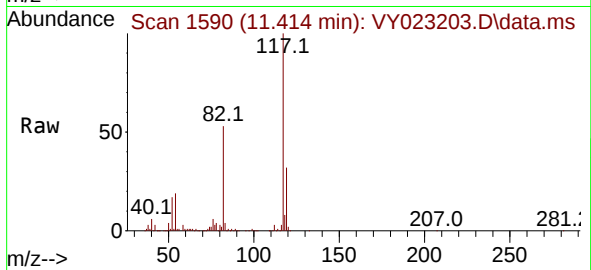
Tgt Ion:117 Resp: 649307

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 23.575 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Tgt Ion:164 Resp: 136686

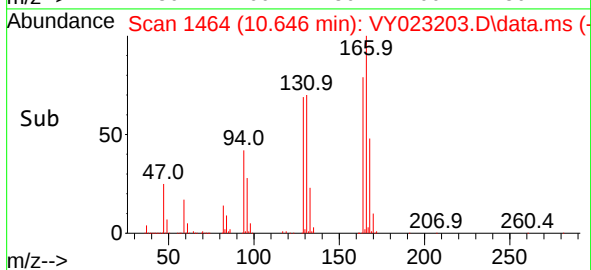
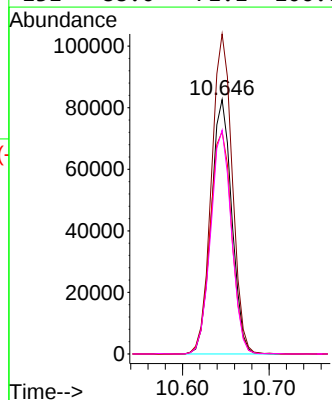
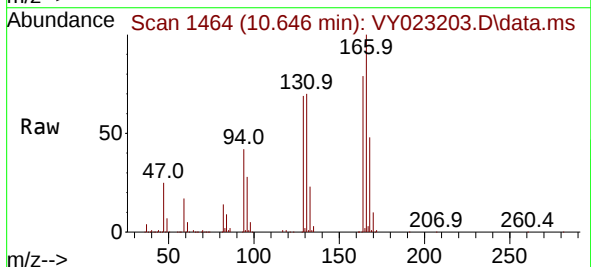
Ion Ratio Lower Upper

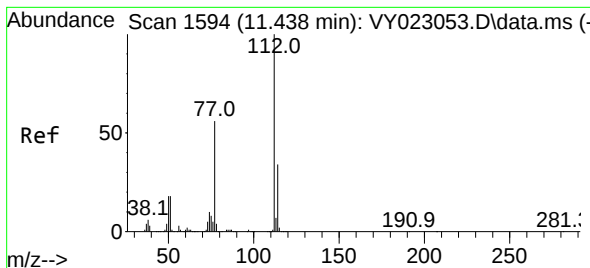
164 100

166 125.8 101.1 151.7

129 87.4 74.0 111.0

131 88.0 71.1 106.7

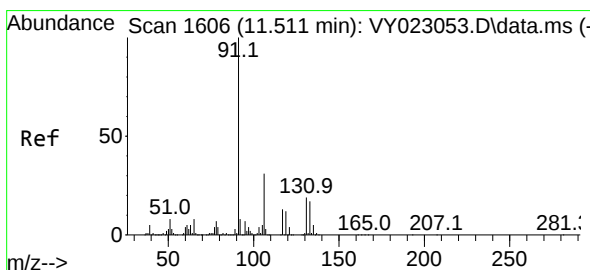
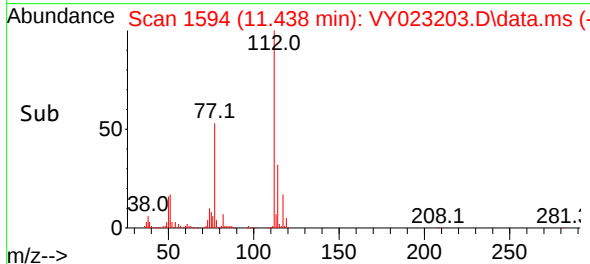
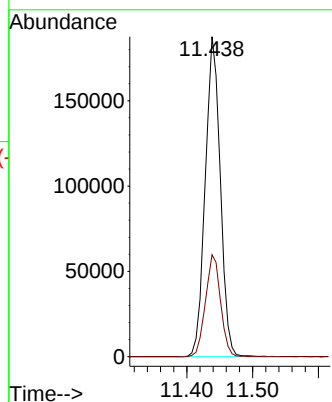
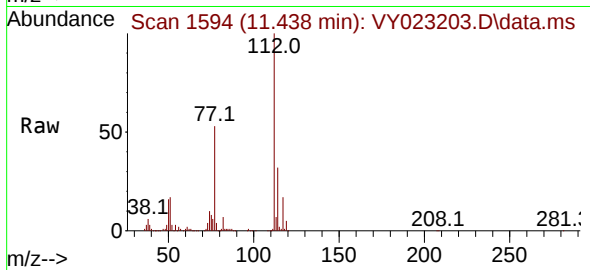




#65
Chlorobenzene
Concen: 21.324 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

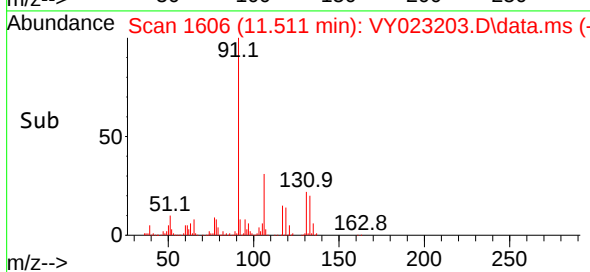
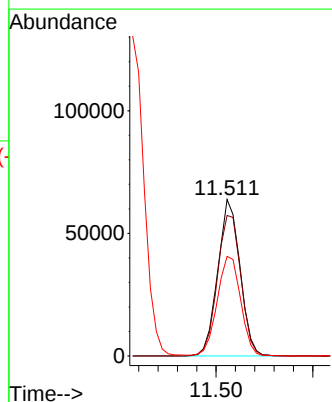
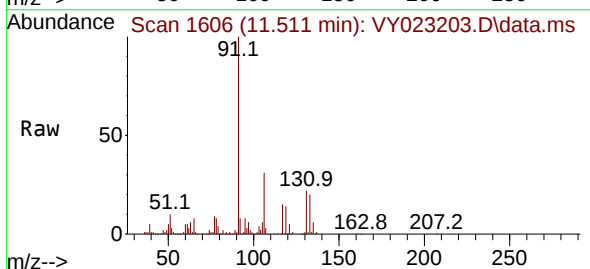
Instrument :
MSVOA_Y
ClientSampleId :

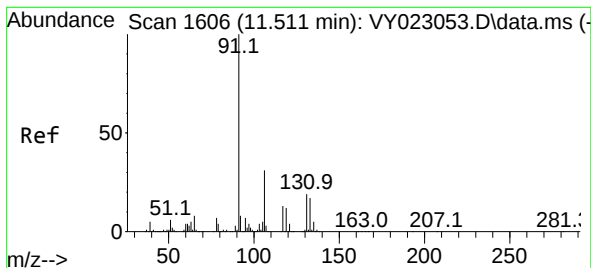
Tgt Ion:112 Resp: 298661
Ion Ratio Lower Upper
112 100
114 31.9 27.0 40.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.418 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion:131 Resp: 101806
Ion Ratio Lower Upper
131 100
133 95.2 46.9 140.6
119 67.1 33.2 99.6





#67

Ethyl Benzene

Concen: 20.308 ug/l

RT: 11.517 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

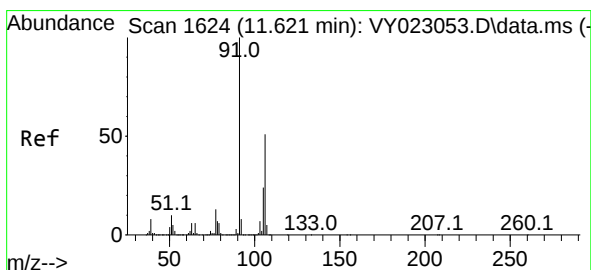
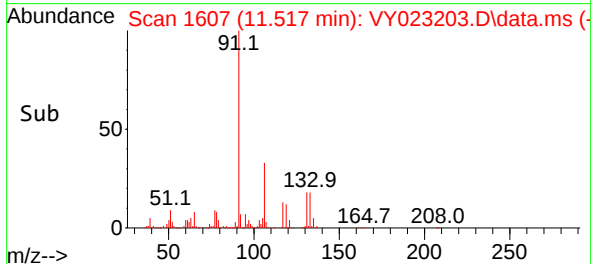
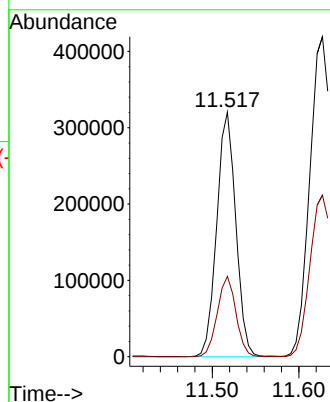
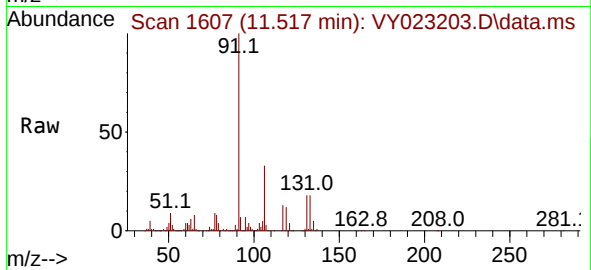
ClientSampleId :

Tgt Ion: 91 Resp: 489470

Ion Ratio Lower Upper

91 100

106 32.8 25.0 37.4



#68

m/p-Xylenes

Concen: 41.346 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.006 min

Lab File: VY023203.D

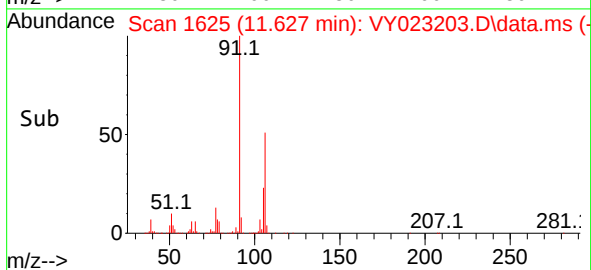
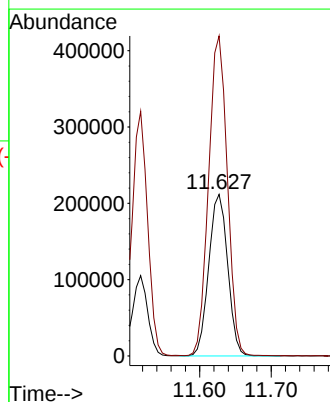
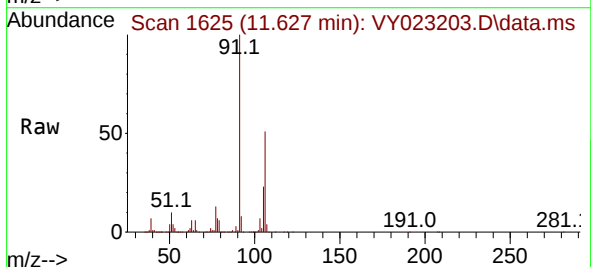
Acq: 25 Aug 2025 10:32

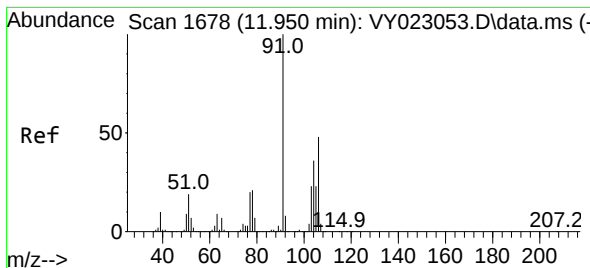
Tgt Ion:106 Resp: 389212

Ion Ratio Lower Upper

106 100

91 196.3 158.6 238.0





#69

o-Xylene

Concen: 20.535 ug/l

RT: 11.950 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

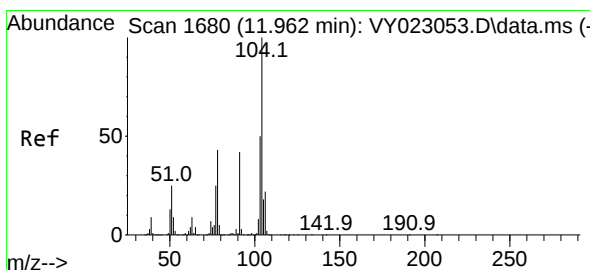
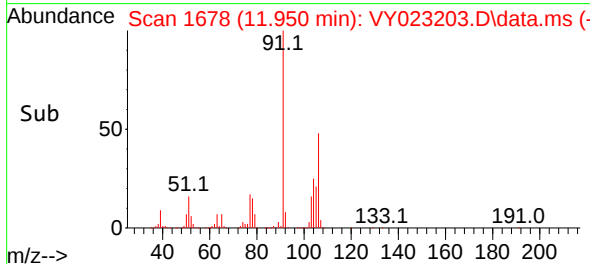
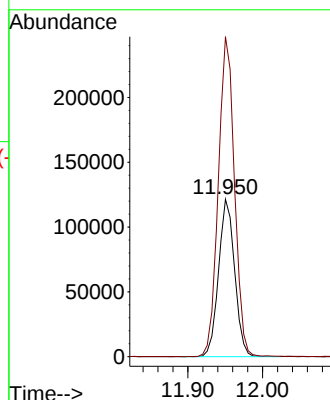
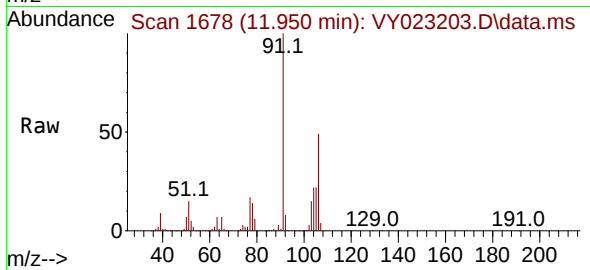
ClientSampleId :

Tgt Ion:106 Resp: 181051

Ion Ratio Lower Upper

106 100

91 205.1 103.2 309.4



#70

Styrene

Concen: 20.837 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.006 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

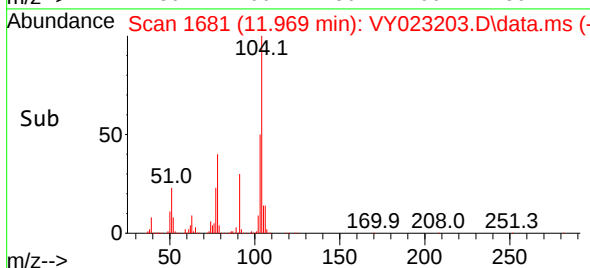
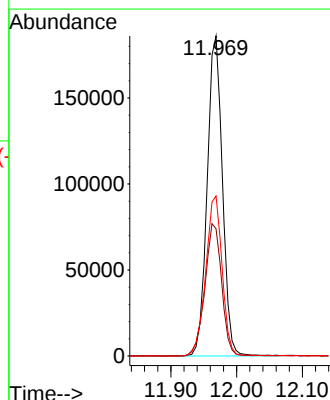
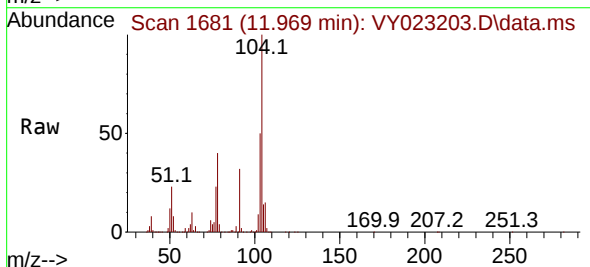
Tgt Ion:104 Resp: 300432

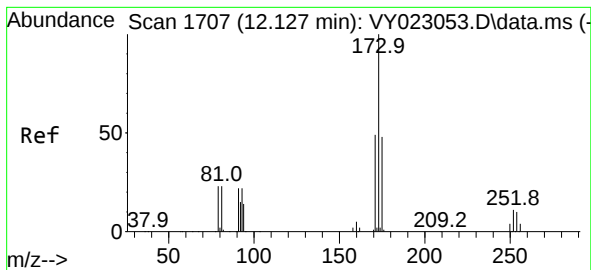
Ion Ratio Lower Upper

104 100

78 45.6 38.5 57.7

103 53.9 43.7 65.5





#71

Bromoform

Concen: 20.619 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

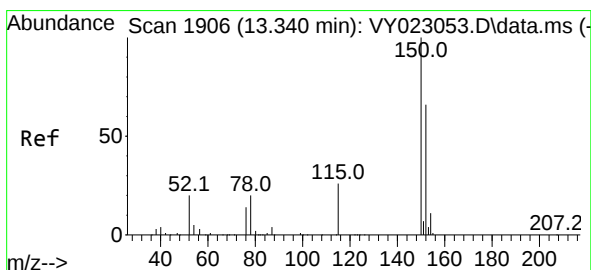
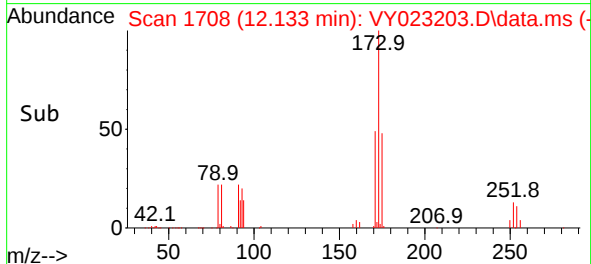
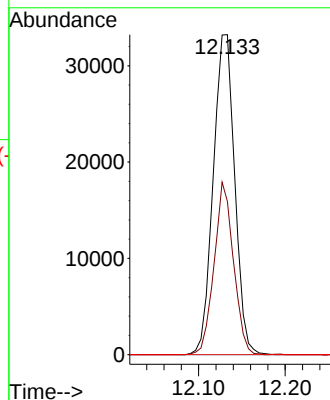
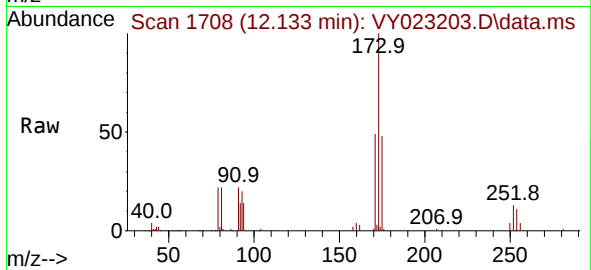
Tgt Ion:173 Resp: 57282

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.7

254 0.0 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: VY023203.D

Acq: 25 Aug 2025 10:32

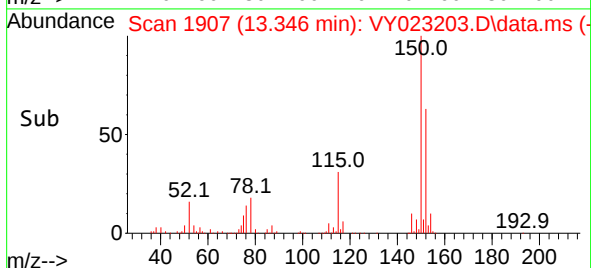
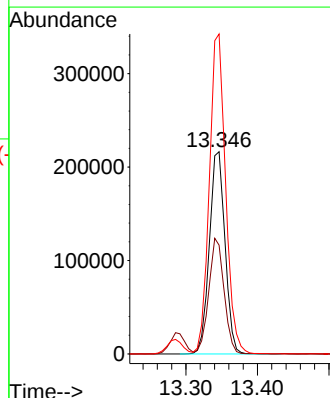
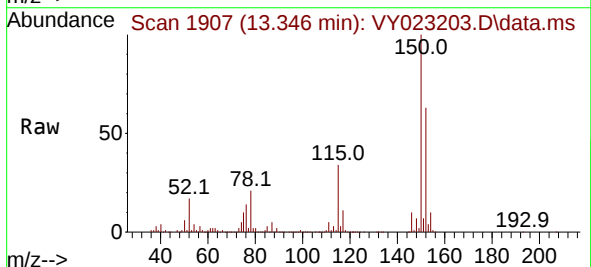
Tgt Ion:152 Resp: 329596

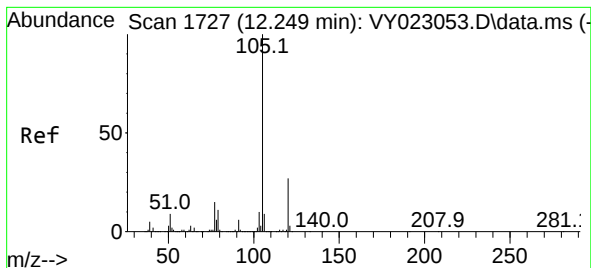
Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.6

150 163.9 0.0 348.0





#73

Isopropylbenzene

Concen: 20.064 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

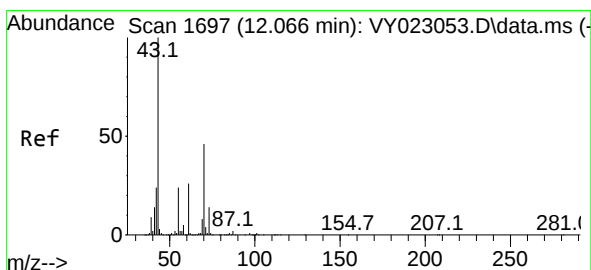
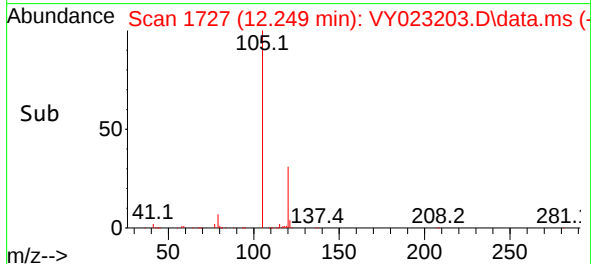
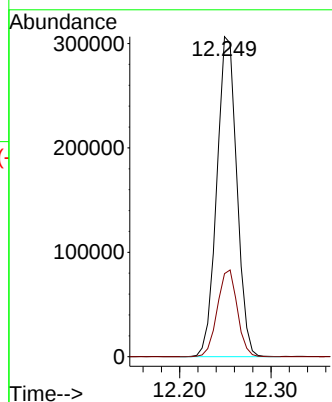
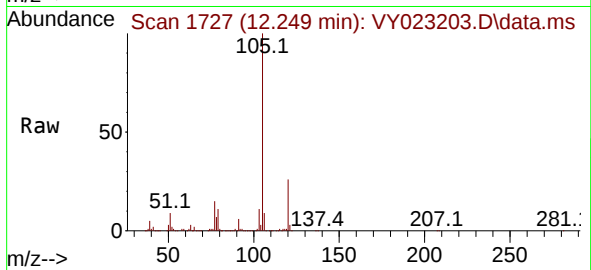
ClientSampleId :

Tgt Ion:105 Resp: 466741

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 16.057 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Tgt Ion: 43 Resp: 79215

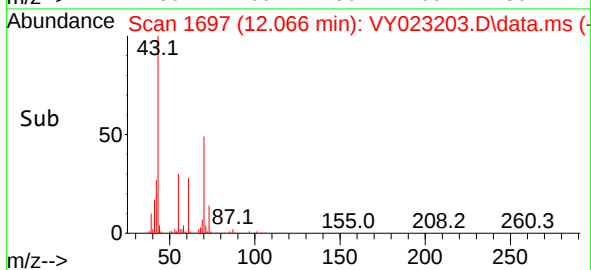
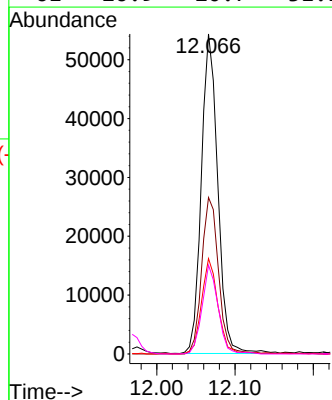
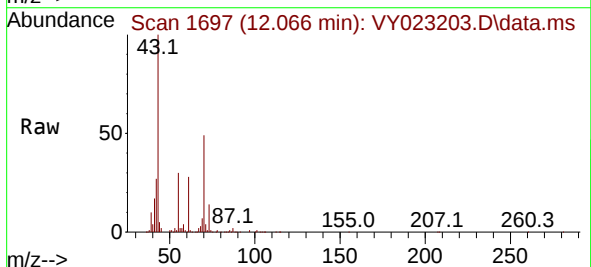
Ion Ratio Lower Upper

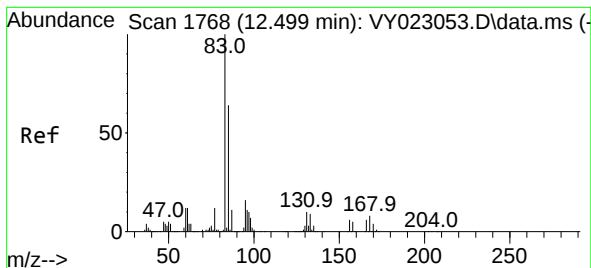
43 100

70 50.3 37.5 56.3

55 30.1 20.7 31.1

61 26.9 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.284 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

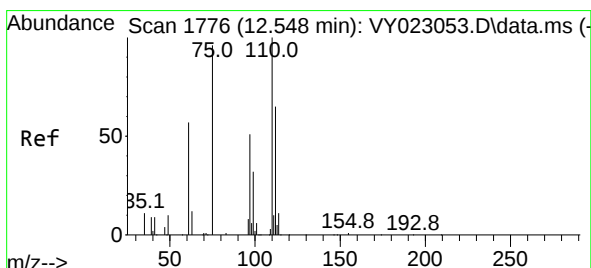
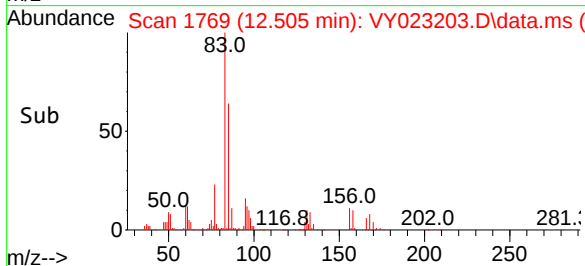
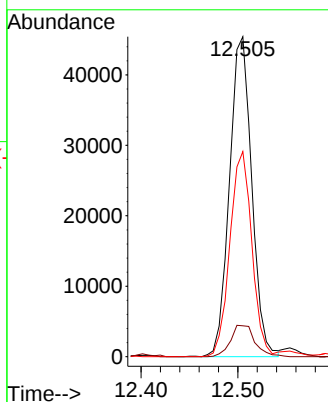
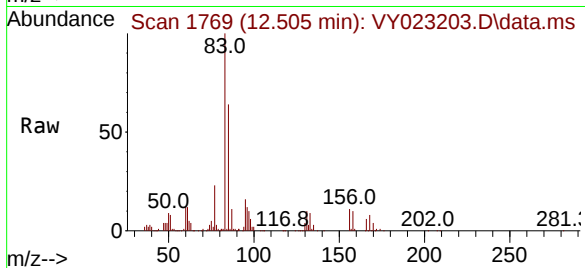
Tgt Ion: 83 Resp: 72625

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

85 63.4 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 31.453 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.006 min

Lab File: VY023203.D

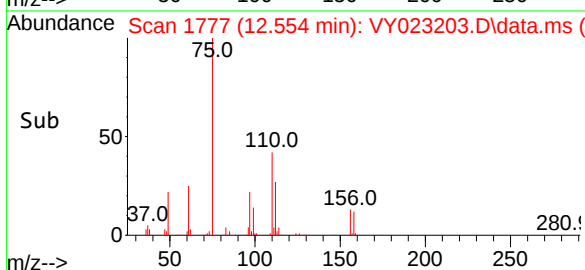
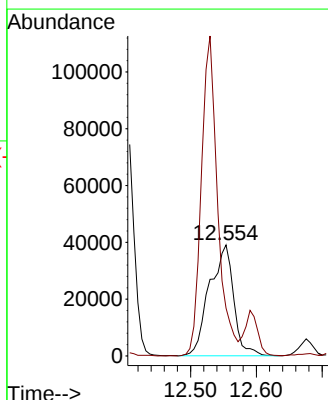
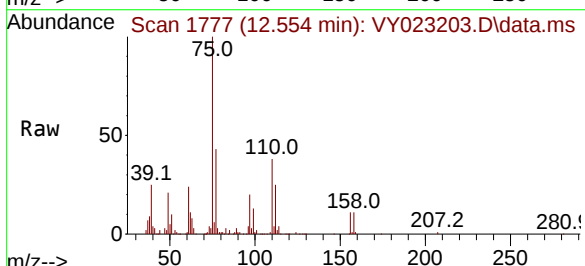
Acq: 25 Aug 2025 10:32

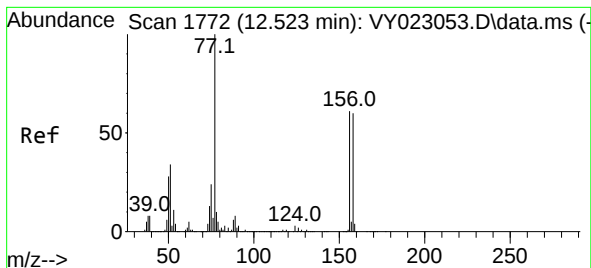
Tgt Ion: 75 Resp: 100052

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.717 ug/l

RT: 12.529 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

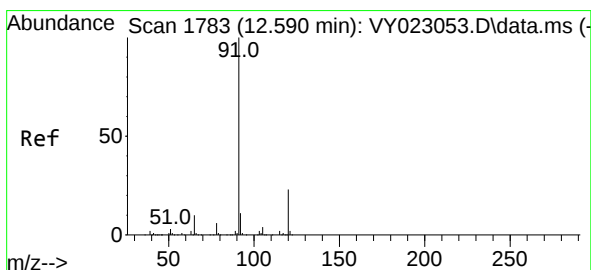
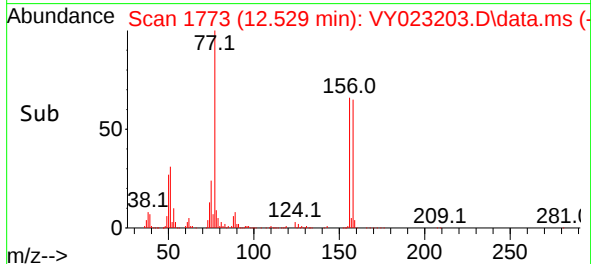
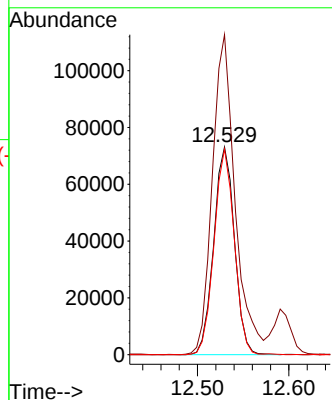
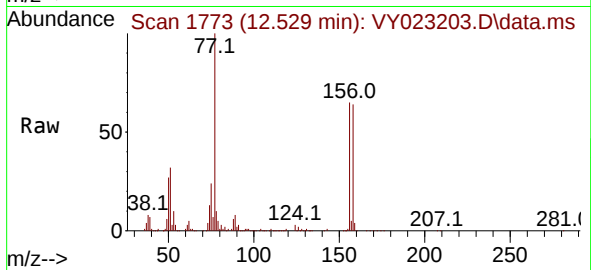
Tgt Ion:156 Resp: 114975

Ion Ratio Lower Upper

156 100

77 169.2 88.1 264.4

158 96.7 48.0 144.0



#78

n-propylbenzene

Concen: 20.235 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. 0.000 min

Lab File: VY023203.D

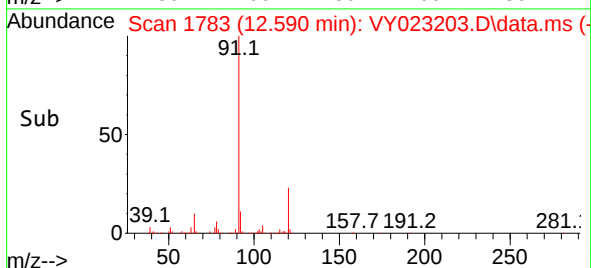
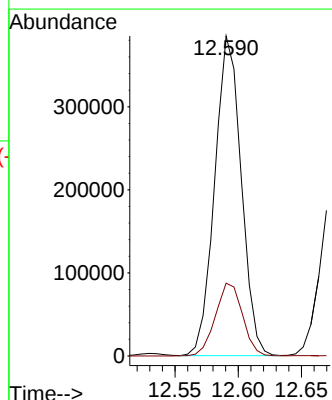
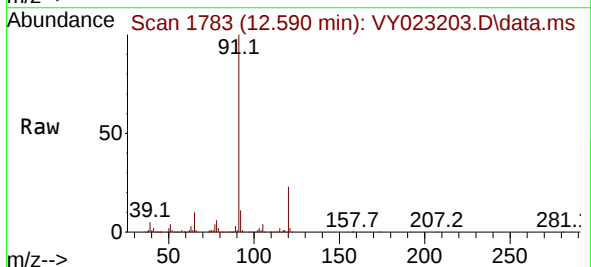
Acq: 25 Aug 2025 10:32

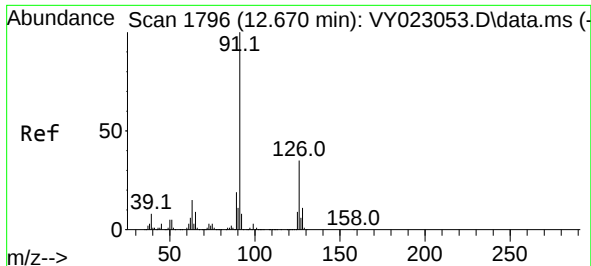
Tgt Ion: 91 Resp: 560407

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.5

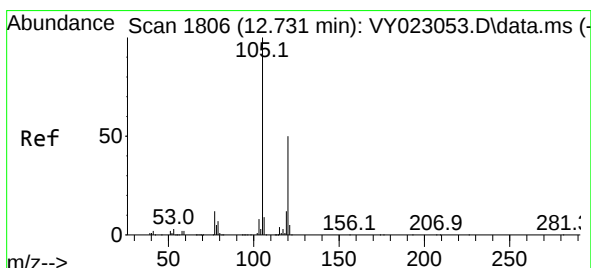
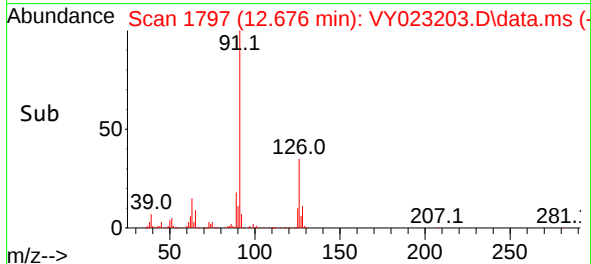
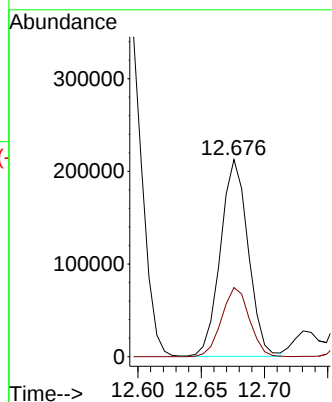
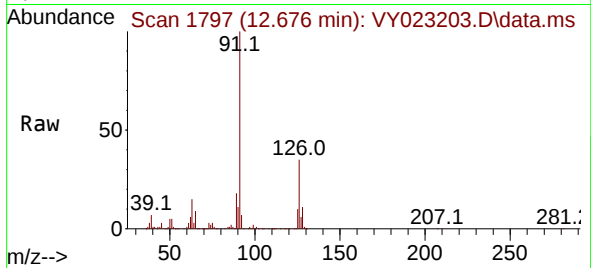




#79
2-Chlorotoluene
Concen: 20.409 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

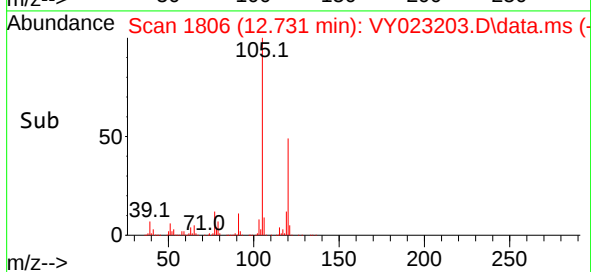
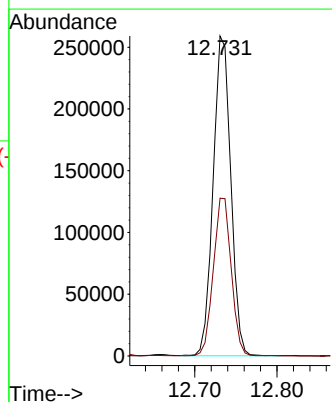
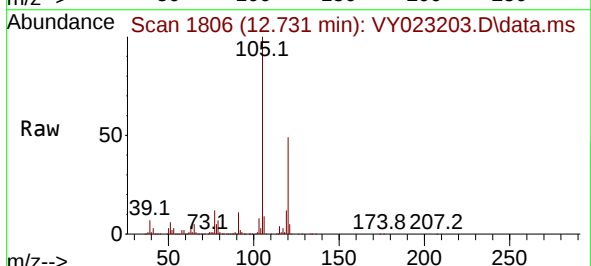
Instrument :
MSVOA_Y
ClientSampleId :

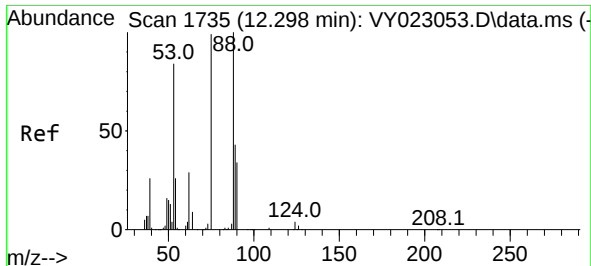
Tgt Ion: 91 Resp: 323855
Ion Ratio Lower Upper
91 100
126 35.2 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 20.516 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion:105 Resp: 385709
Ion Ratio Lower Upper
105 100
120 50.3 24.8 74.4

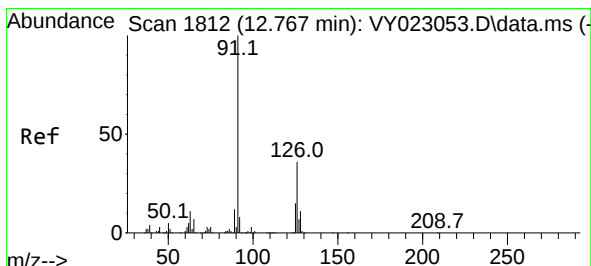
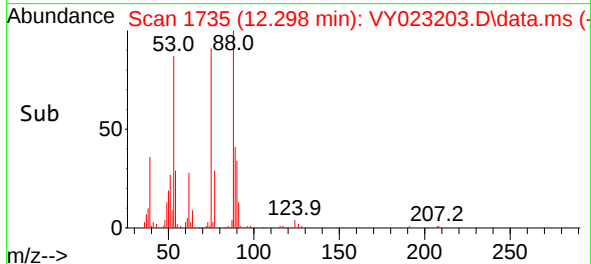
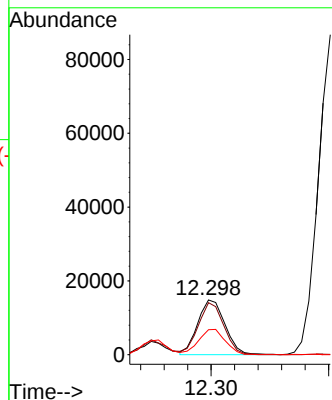
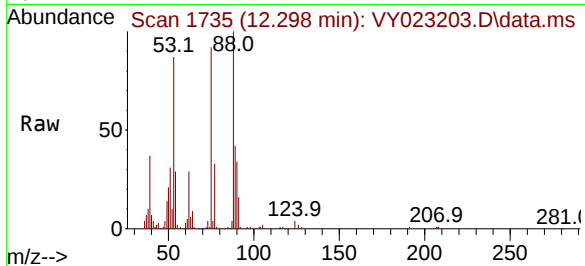




#81
trans-1,4-Dichloro-2-butene
Concen: 18.246 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

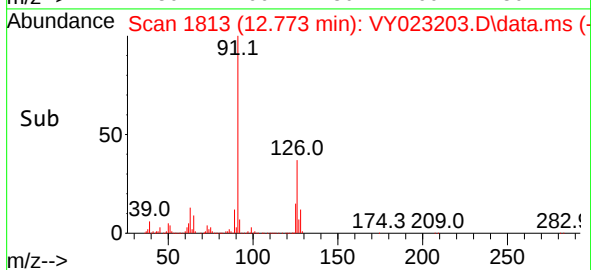
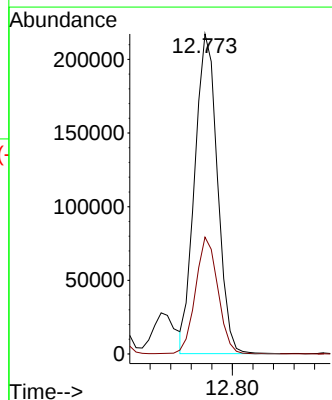
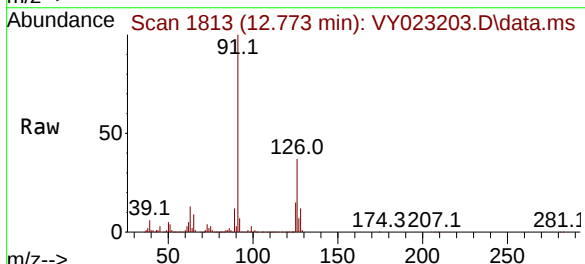
Instrument :
MSVOA_Y
ClientSampleId :

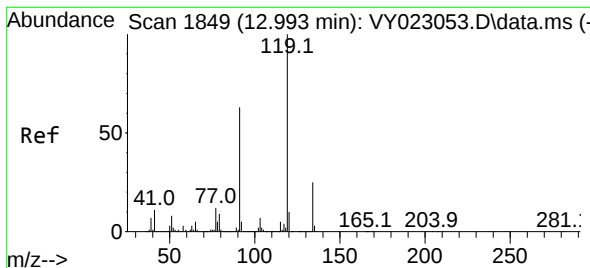
Tgt Ion: 75 Resp: 23977
Ion Ratio Lower Upper
75 100
53 89.0 70.8 106.2
89 45.0 38.1 57.1



#82
4-Chlorotoluene
Concen: 20.220 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion: 91 Resp: 332845
Ion Ratio Lower Upper
91 100
126 36.1 17.3 52.0





#83

tert-Butylbenzene

Concen: 19.675 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

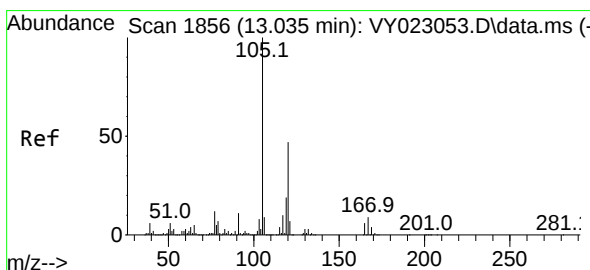
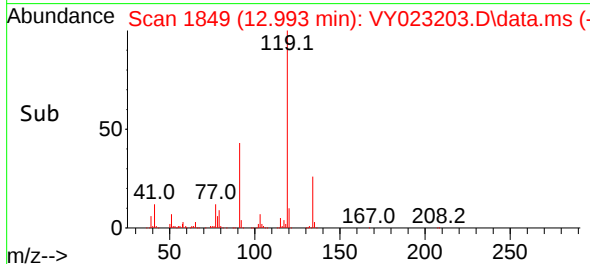
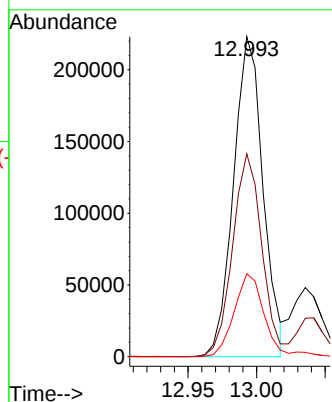
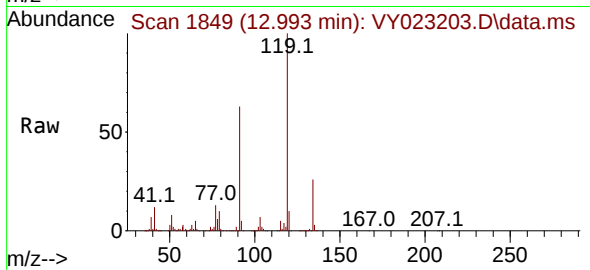
Tgt Ion:119 Resp: 334081

Ion Ratio Lower Upper

119 100

91 63.2 31.6 94.8

134 26.8 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 20.589 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY023203.D

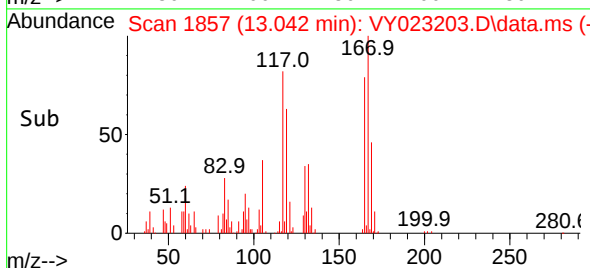
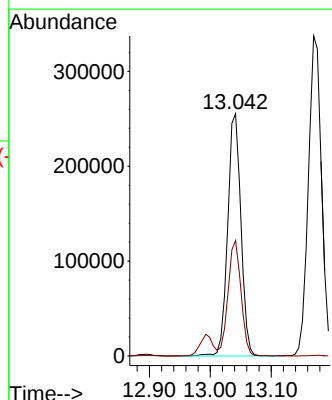
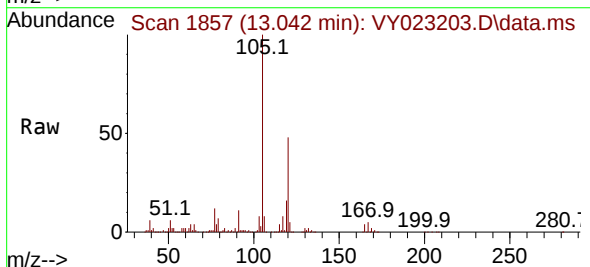
Acq: 25 Aug 2025 10:32

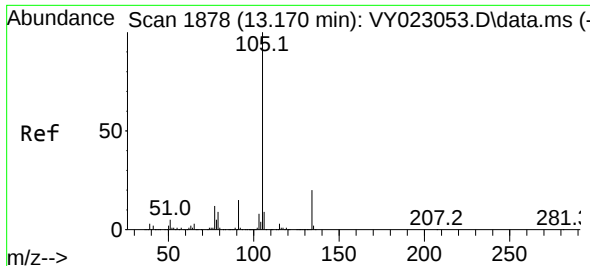
Tgt Ion:105 Resp: 385325

Ion Ratio Lower Upper

105 100

120 46.5 23.0 69.0

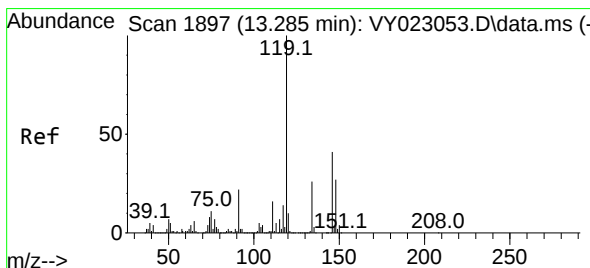
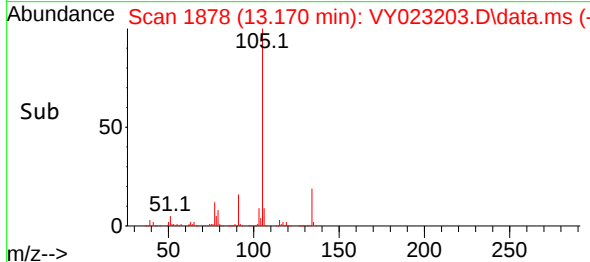
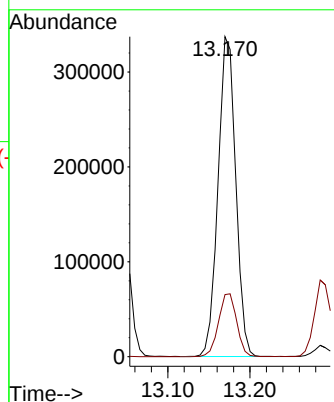
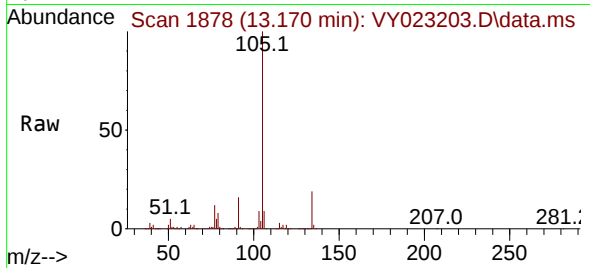




#85
 sec-Butylbenzene
 Concen: 20.242 ug/l
 RT: 13.170 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY023203.D
 Acq: 25 Aug 2025 10:32

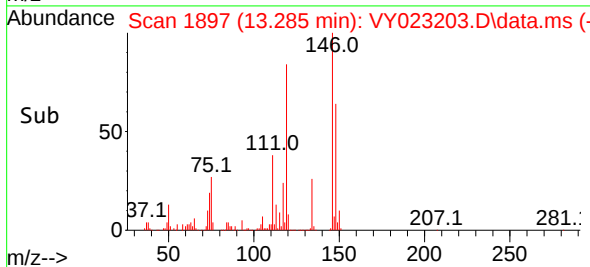
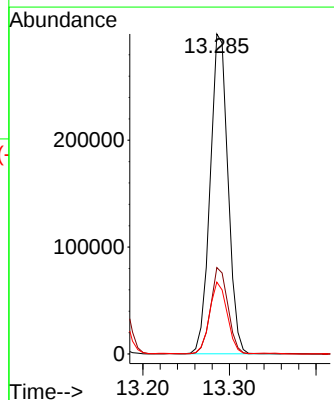
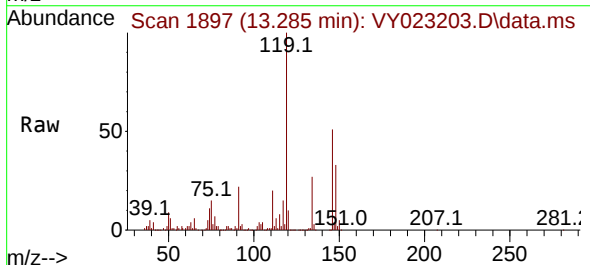
Instrument :
 MSVOA_Y
 ClientSampleId :

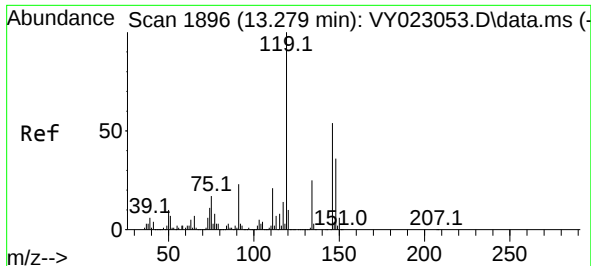
Tgt Ion:105 Resp: 504903
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.606 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY023203.D
 Acq: 25 Aug 2025 10:32

Tgt Ion:119 Resp: 426643
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.2 39.6
 91 22.1 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 21.287 ug/l

RT: 13.285 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

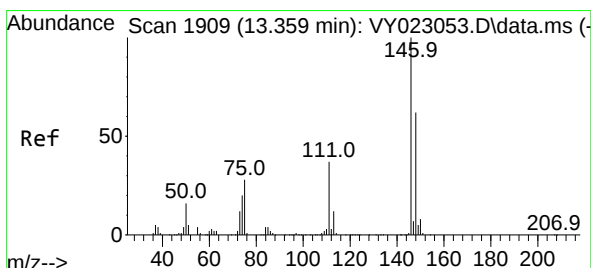
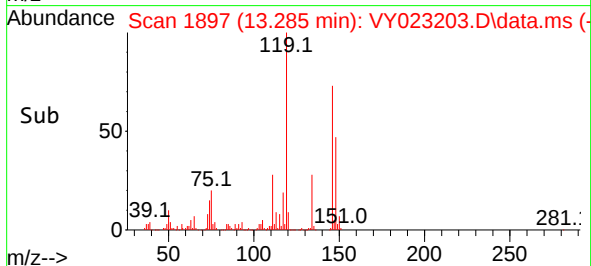
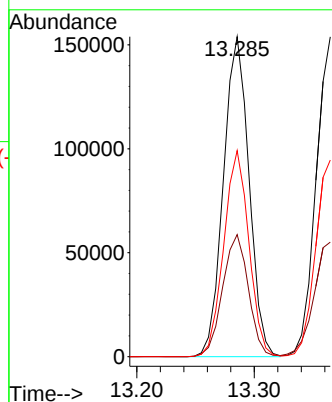
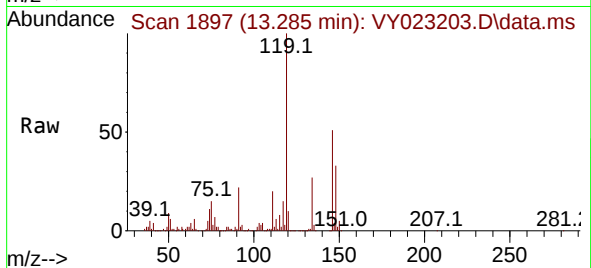
Tgt Ion:146 Resp: 232973

Ion Ratio Lower Upper

146 100

111 38.5 19.6 58.7

148 63.2 32.5 97.5



#88

1,4-Dichlorobenzene

Concen: 21.057 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.006 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

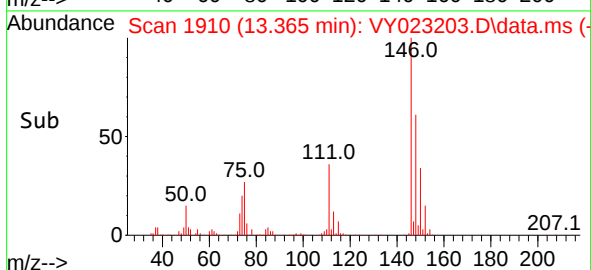
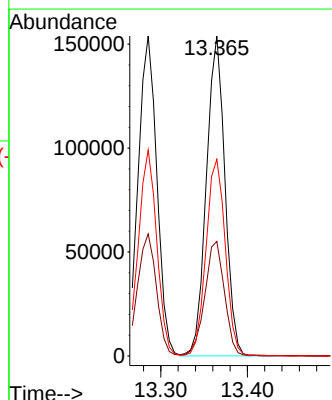
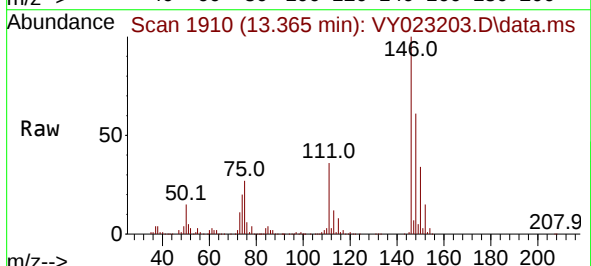
Tgt Ion:146 Resp: 228601

Ion Ratio Lower Upper

146 100

111 38.3 19.1 57.1

148 63.8 31.6 94.7





#89

n-Butylbenzene

Concen: 20.018 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

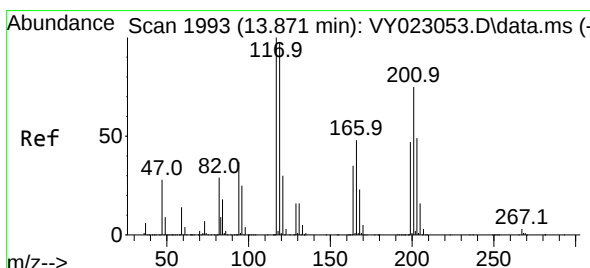
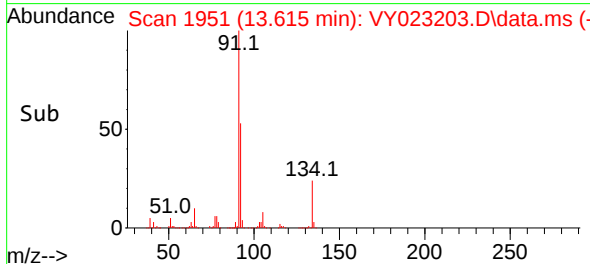
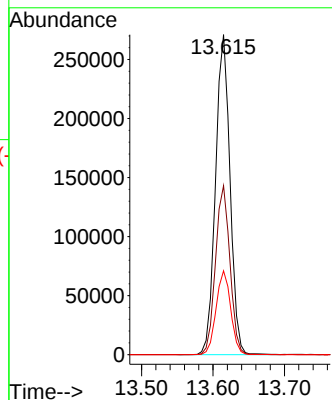
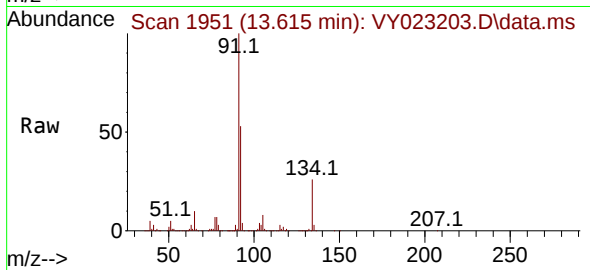
Tgt Ion: 91 Resp: 380665

Ion Ratio Lower Upper

91 100

92 52.7 26.9 80.7

134 26.4 13.2 39.5



#90

Hexachloroethane

Concen: 21.680 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY023203.D

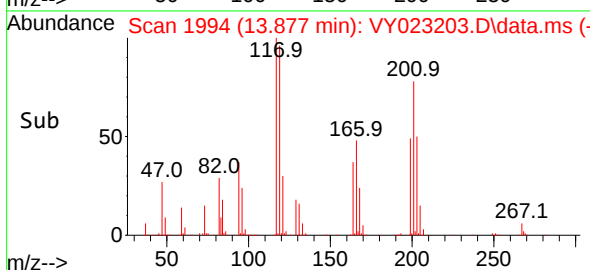
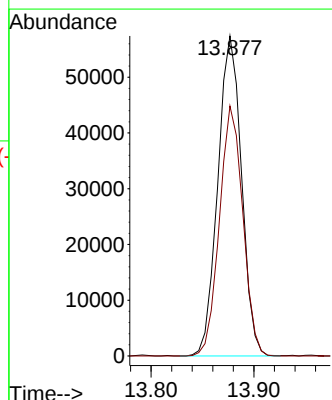
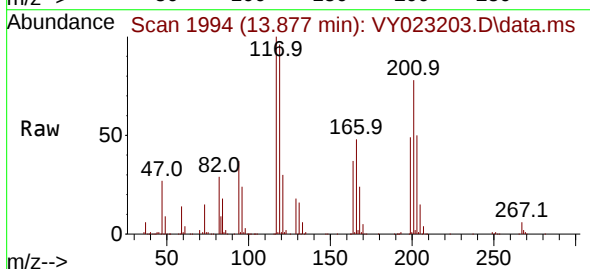
Acq: 25 Aug 2025 10:32

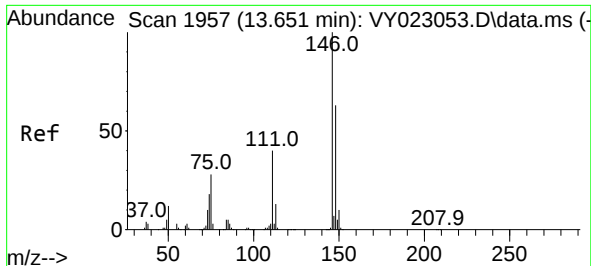
Tgt Ion: 117 Resp: 91887

Ion Ratio Lower Upper

117 100

201 77.0 38.4 115.1

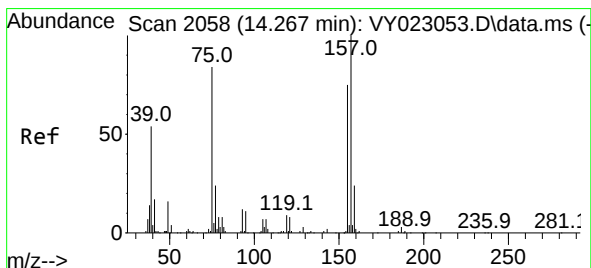
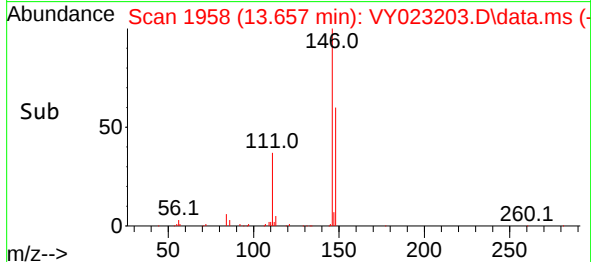
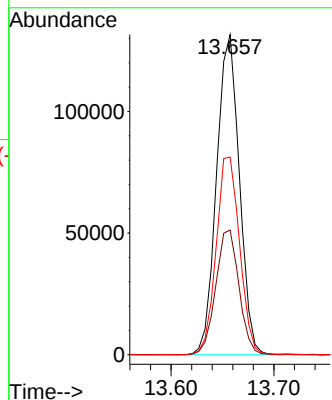
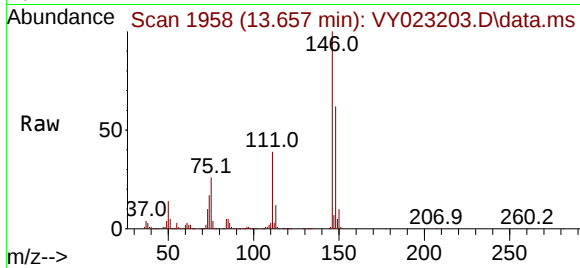




#91
 1,2-Dichlorobenzene
 Concen: 21.075 ug/l
 RT: 13.657 min Scan# 1957
 Delta R.T. 0.006 min
 Lab File: VY023203.D
 Acq: 25 Aug 2025 10:32

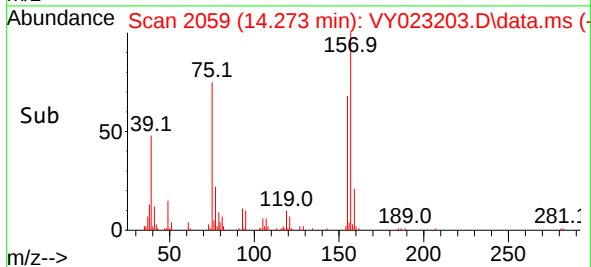
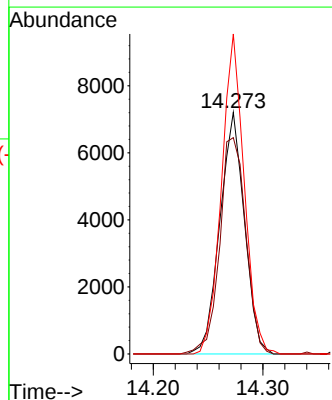
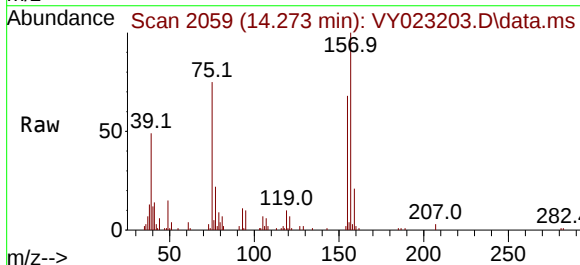
Instrument :
 MSVOA_Y
 ClientSampleId :

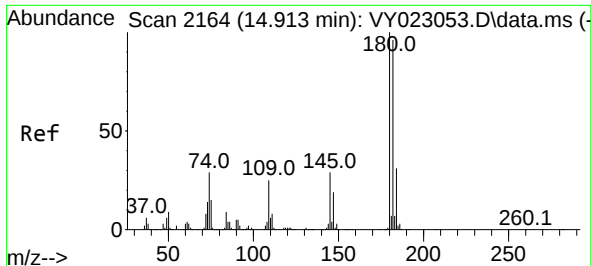
Tgt Ion:146 Resp: 202285
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.3 60.8
 148 63.7 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.131 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VY023203.D
 Acq: 25 Aug 2025 10:32

Tgt Ion: 75 Resp: 11213
 Ion Ratio Lower Upper
 75 100
 155 95.2 43.9 131.6
 157 122.2 57.2 171.6

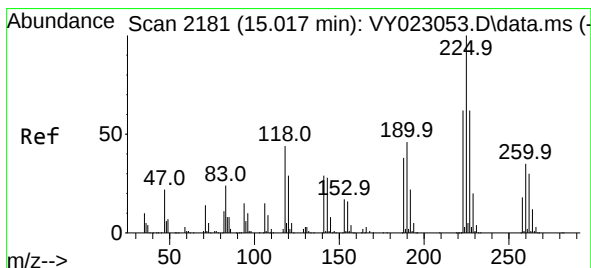
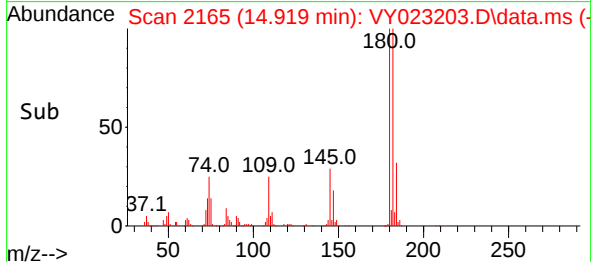
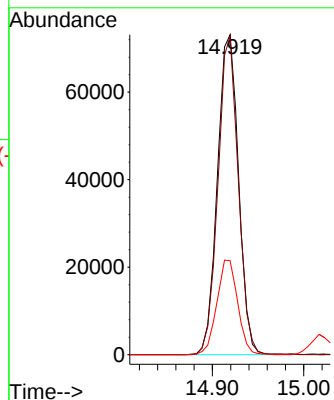
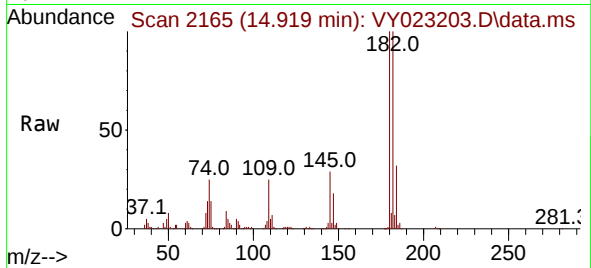




#93
1,2,4-Trichlorobenzene
Concen: 20.651 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

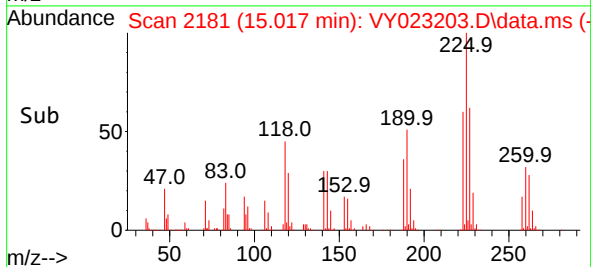
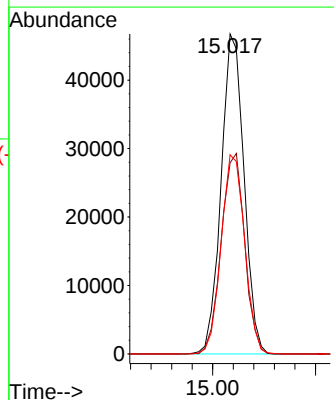
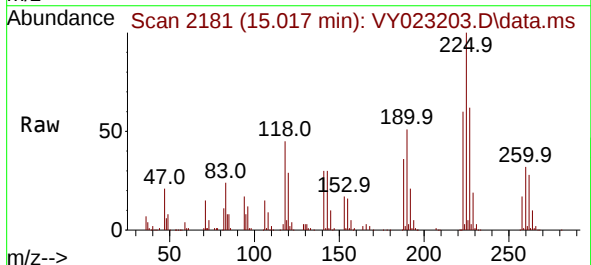
Instrument :
MSVOA_Y
ClientSampleId :

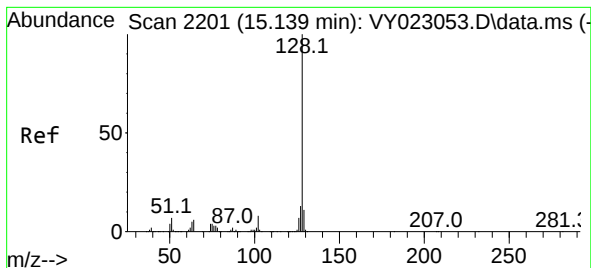
Tgt Ion:180 Resp: 117215
Ion Ratio Lower Upper
180 100
182 95.7 46.8 140.4
145 29.3 14.4 43.4



#94
Hexachlorobutadiene
Concen: 21.619 ug/l
RT: 15.017 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY023203.D
Acq: 25 Aug 2025 10:32

Tgt Ion:225 Resp: 72105
Ion Ratio Lower Upper
225 100
223 64.2 31.3 93.8
227 63.9 31.5 94.5





#95

Naphthalene

Concen: 18.188 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Instrument :

MSVOA_Y

ClientSampleId :

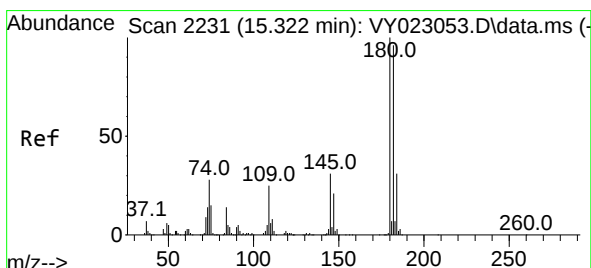
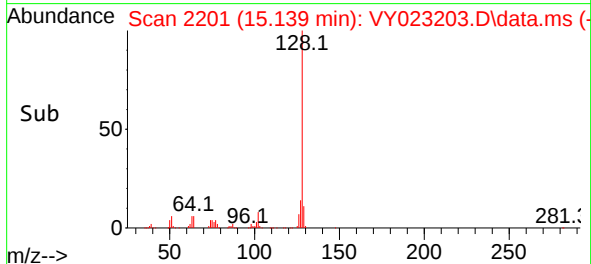
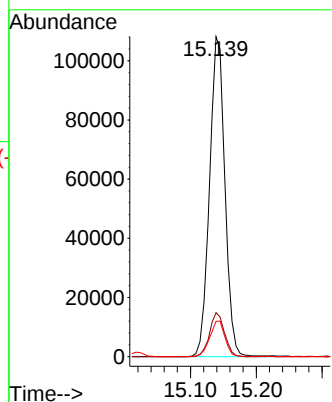
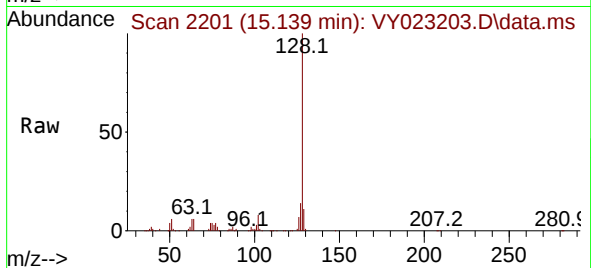
Tgt Ion:128 Resp: 176030

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.1 9.0 13.4



#96

1,2,3-Trichlorobenzene

Concen: 20.514 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023203.D

Acq: 25 Aug 2025 10:32

Tgt Ion:180 Resp: 100334

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.7

145 31.4 15.9 47.7

