

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110525\
 Data File : VY023682.D
 Acq On : 05 Nov 2025 10:49
 Operator : SY/MD
 Sample : VY1105SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBSD01

Quant Time: Nov 06 03:27:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	532178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	820842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	720375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	360108	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	227009	50.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.020%	
35) Dibromofluoromethane	7.634	113	248012	48.348	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.700%	
50) Toluene-d8	10.109	98	944857	49.447	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.900%	
62) 4-Bromofluorobenzene	12.401	95	303304	49.082	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.160%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	75675	21.663	ug/l	97
3) Chloromethane	2.074	50	107800	22.052	ug/l	99
4) Vinyl Chloride	2.208	62	134183	21.094	ug/l	100
5) Bromomethane	2.592	94	115475	21.581	ug/l	99
6) Chloroethane	2.732	64	93748	21.323	ug/l	100
7) Trichlorofluoromethane	3.062	101	181685	20.280	ug/l	97
8) Diethyl Ether	3.458	74	49100	20.437	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	99528	20.164	ug/l	99
10) Methyl Iodide	4.007	142	113985	19.556	ug/l	100
11) Tert butyl alcohol	4.866	59	36168	123.562	ug/l	96
12) 1,1-Dichloroethene	3.793	96	96226	20.238	ug/l	91
13) Acrolein	3.653	56	41165	109.415	ug/l	99
14) Allyl chloride	4.385	41	122872	21.231	ug/l	98
15) Acrylonitrile	5.061	53	95635	104.164	ug/l	100
16) Acetone	3.866	43	122857	108.878	ug/l	98
17) Carbon Disulfide	4.104	76	310435	21.272	ug/l	100
18) Methyl Acetate	4.391	43	49892	20.046	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	227342	20.620	ug/l	94
20) Methylene Chloride	4.622	84	114818	21.078	ug/l	98
21) trans-1,2-Dichloroethene	5.116	96	113255	21.125	ug/l	96
22) Diisopropyl ether	6.018	45	284340	22.049	ug/l	95
23) Vinyl Acetate	5.964	43	746408	108.461	ug/l	99
24) 1,1-Dichloroethane	5.915	63	182376	21.228	ug/l	97
25) 2-Butanone	6.896	43	142028	108.865	ug/l	96
26) 2,2-Dichloropropane	6.890	77	167282	21.168	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	127911	20.891	ug/l	98
28) Bromochloromethane	7.250	49	69693	21.186	ug/l	97
29) Tetrahydrofuran	7.262	42	73151	105.283	ug/l	96
30) Chloroform	7.421	83	201399	21.011	ug/l	100
31) Cyclohexane	7.701	56	152939	20.442	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	177464	20.715	ug/l	99
36) 1,1-Dichloropropene	7.835	75	134628	19.640	ug/l	99
37) Ethyl Acetate	6.988	43	53738	20.251	ug/l	99
38) Carbon Tetrachloride	7.817	117	158365	19.609	ug/l	99
39) Methylcyclohexane	9.109	83	167855	19.165	ug/l	96
40) Benzene	8.079	78	446011	20.643	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	28446	19.639	ug/l	97
42) 1,2-Dichloroethane	8.158	62	111745	20.443	ug/l	99
43) Isopropyl Acetate	8.201	43	99528	19.962	ug/l	99
44) Trichloroethene	8.866	130	123108	19.838	ug/l	95
45) 1,2-Dichloropropane	9.140	63	98517	20.660	ug/l	97
46) Dibromomethane	9.231	93	59142	20.017	ug/l	99
47) Bromodichloromethane	9.426	83	152477	20.469	ug/l	99
48) Methyl methacrylate	9.219	41	46202	19.614	ug/l	98
49) 1,4-Dioxane	9.231	88	11748	388.529	ug/l	97
51) 4-Methyl-2-Pentanone	9.999	43	267090	100.732	ug/l	98
52) Toluene	10.170	92	285370	20.688	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	126168	20.017	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	151960	20.122	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	78768	19.949	ug/l	99
56) Ethyl methacrylate	10.438	69	83326	19.153	ug/l	99
57) 1,3-Dichloropropane	10.719	76	125805	20.087	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	193847	97.102	ug/l	99
59) 2-Hexanone	10.762	43	199230	102.990	ug/l	98
60) Dibromochloromethane	10.914	129	108005	19.908	ug/l	99
61) 1,2-Dibromoethane	11.011	107	74074	19.990	ug/l	100
64) Tetrachloroethene	10.646	164	146804	19.579	ug/l	98
65) Chlorobenzene	11.438	112	316034	20.152	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	111252	20.062	ug/l	100
67) Ethyl Benzene	11.517	91	509610	20.078	ug/l	98
68) m/p-Xylenes	11.627	106	409695	40.400	ug/l	98
69) o-Xylene	11.956	106	184520	19.684	ug/l	97
70) Styrene	11.969	104	311907	20.166	ug/l	99
71) Bromoform	12.133	173	63715	19.672	ug/l #	100
73) Isopropylbenzene	12.255	105	487278	20.232	ug/l	99
74) N-amyl acetate	12.072	43	80489	19.739	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	77297	20.095	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	104931	36.004	ug/l #	100
77) Bromobenzene	12.529	156	125620	20.108	ug/l	97
78) n-propylbenzene	12.590	91	579674	20.462	ug/l	99
79) 2-Chlorotoluene	12.676	91	338292	20.578	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	403987	20.645	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	24323	18.861	ug/l	97
82) 4-Chlorotoluene	12.773	91	350443	20.670	ug/l	99
83) tert-Butylbenzene	12.999	119	357830	20.077	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	403970	20.843	ug/l	99
85) sec-Butylbenzene	13.176	105	520622	20.253	ug/l	100
86) p-Isopropyltoluene	13.292	119	439555	20.199	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	243474	19.801	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	242760	20.098	ug/l	98
89) n-Butylbenzene	13.615	91	377158	19.931	ug/l	100
90) Hexachloroethane	13.877	117	92420	19.763	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	213805	20.177	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11718	19.785	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	119951	19.790	ug/l	99
94) Hexachlorobutadiene	15.023	225	78785	19.838	ug/l	98
95) Naphthalene	15.145	128	173573	19.918	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	103634	20.464	ug/l	99

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ClientSampleId :
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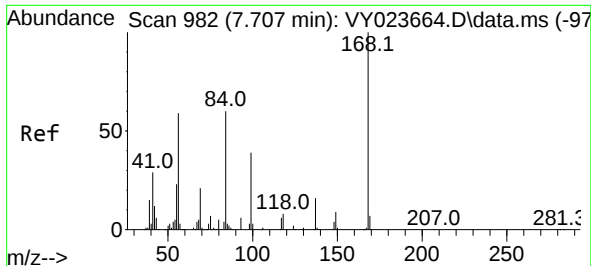
Quant Time: Nov 06 03:27:05 2025
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QLast Update : Wed Nov 05 04:41:50 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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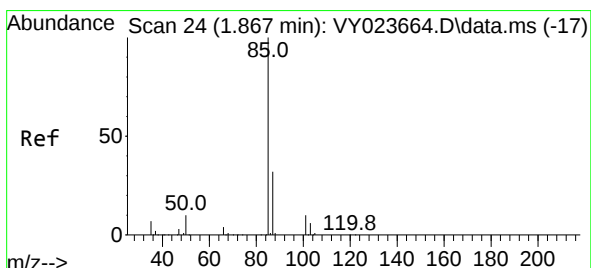
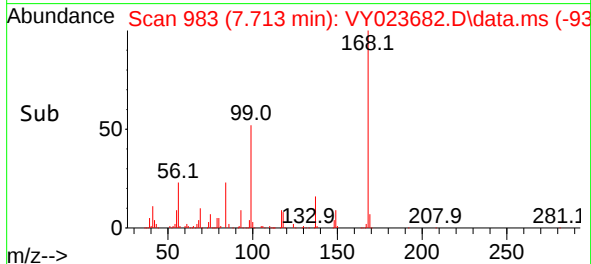
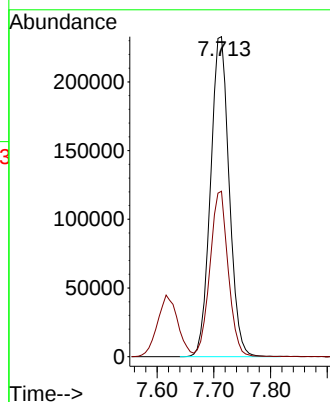
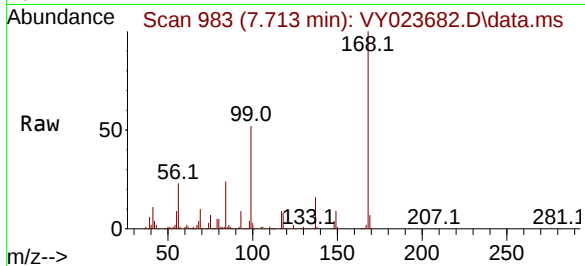




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY023682.D
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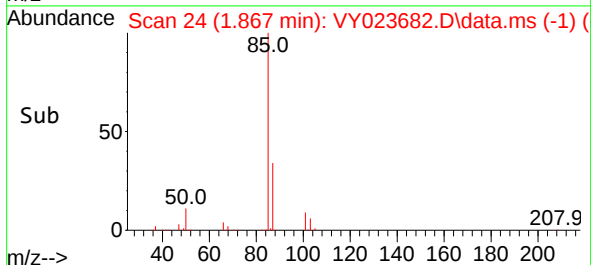
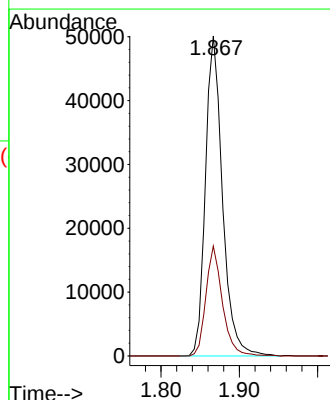
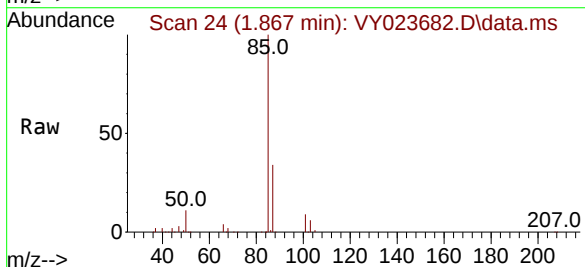
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

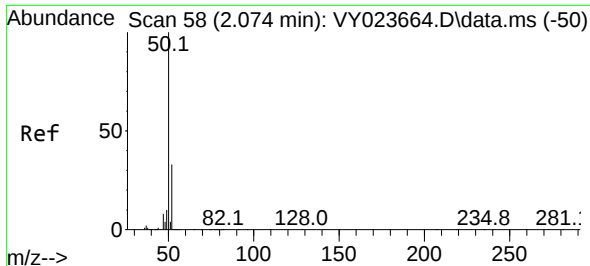
Tgt Ion:168 Resp: 532178
Ion Ratio Lower Upper
168 100
99 51.6 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 21.663 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 85 Resp: 75675
Ion Ratio Lower Upper
85 100
87 34.4 16.2 48.6

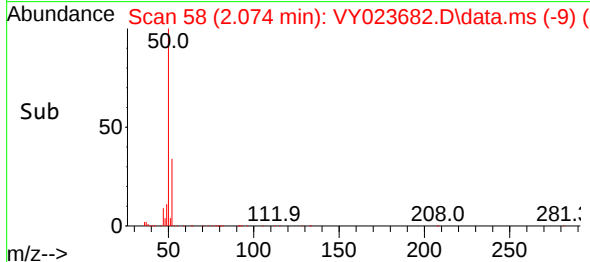
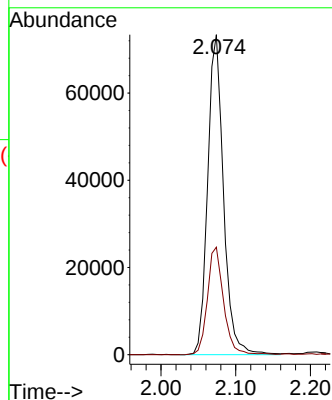
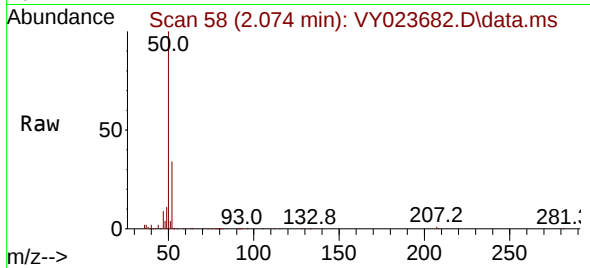




#3
Chloromethane
Concen: 22.052 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

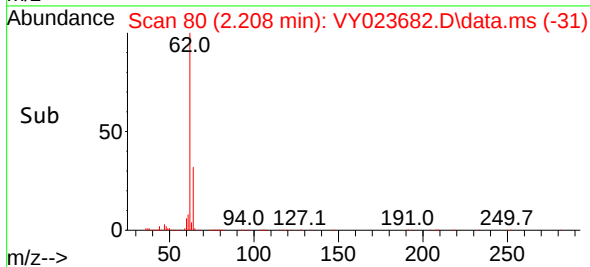
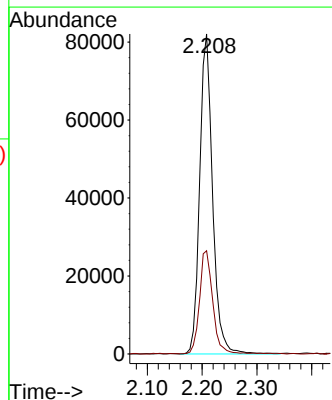
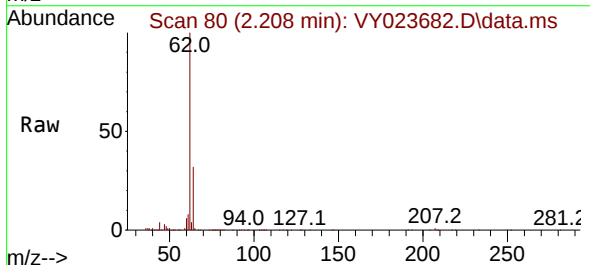
Instrument :
MSVOA_Y
ClientSampleId :
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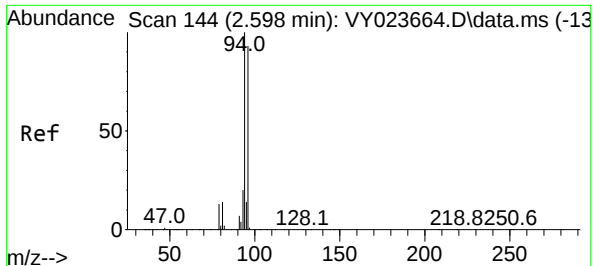
Tgt Ion: 50 Resp: 107800
Ion Ratio Lower Upper
50 100
52 33.6 26.5 39.7



#4
Vinyl Chloride
Concen: 21.094 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 62 Resp: 134183
Ion Ratio Lower Upper
62 100
64 32.2 25.7 38.5

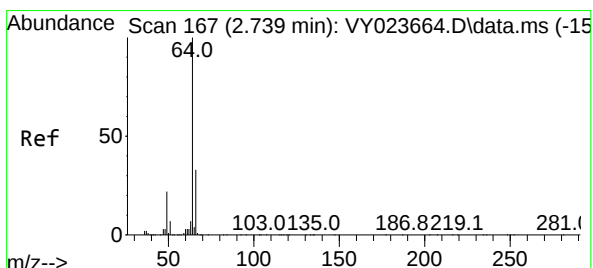
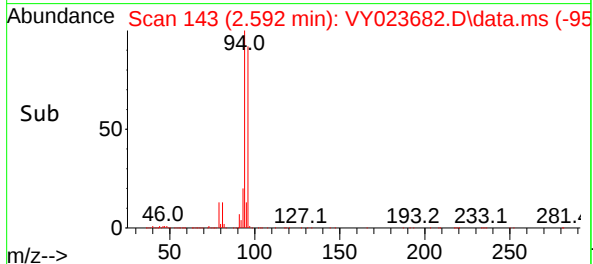
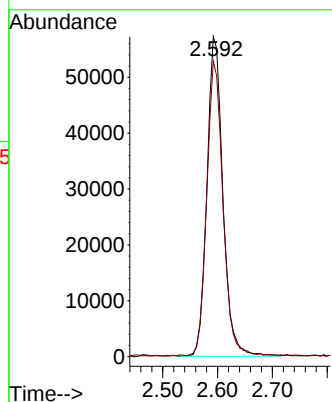
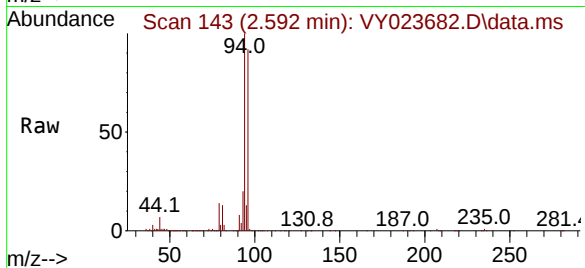




#5
Bromomethane
Concen: 21.581 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

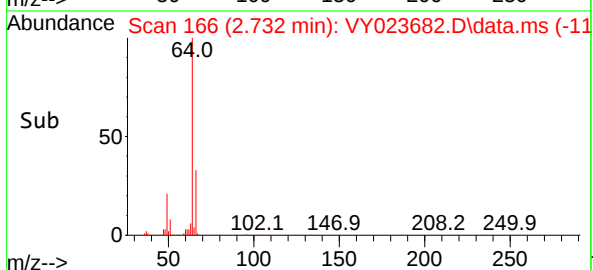
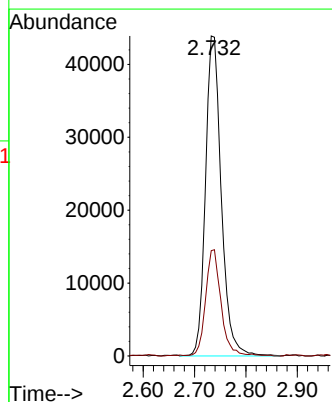
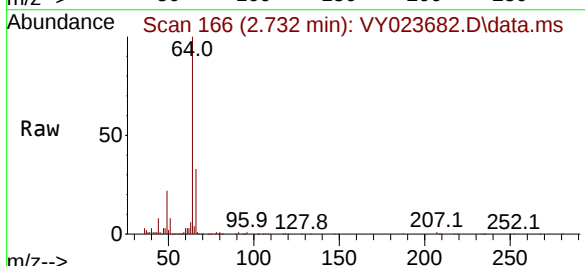
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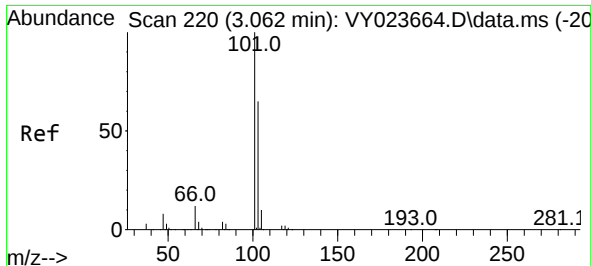
Tgt Ion: 94 Resp: 115475
Ion Ratio Lower Upper
94 100
96 92.0 74.4 111.6



#6
Chloroethane
Concen: 21.323 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 64 Resp: 93748
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4

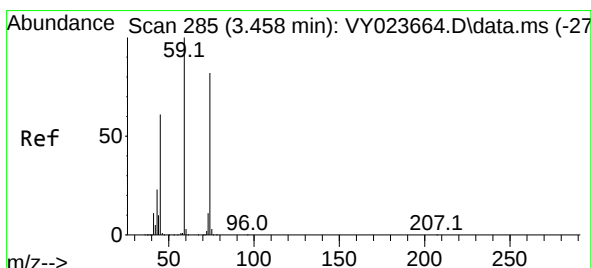
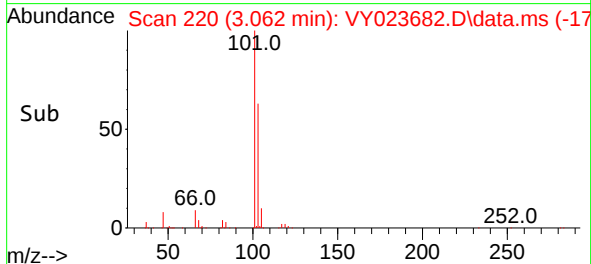
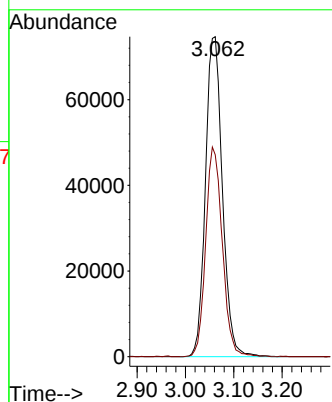
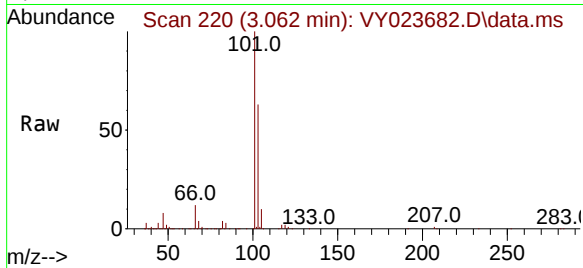




#7
 Trichlorofluoromethane
 Concen: 20.280 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY023682.D
 Acq: 05 Nov 2025 10:49

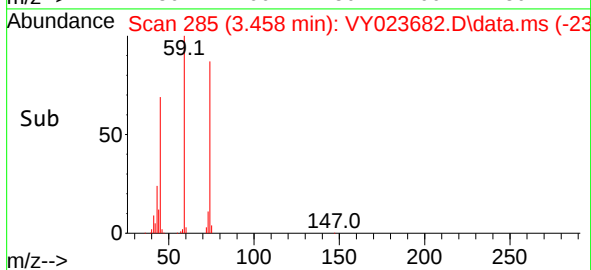
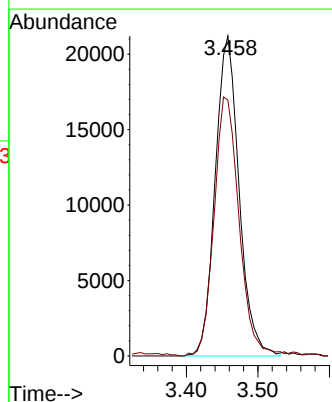
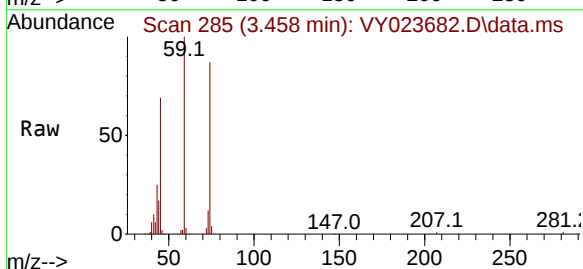
Instrument :
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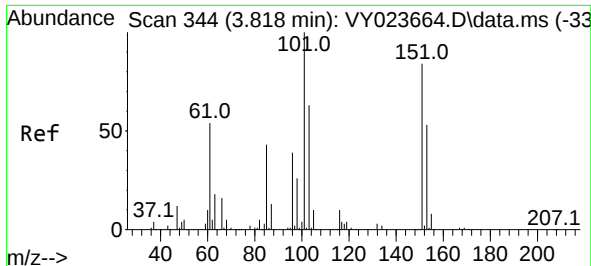
Tgt Ion:101 Resp: 181685
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.1 78.1



#8
 Diethyl Ether
 Concen: 20.437 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY023682.D
 Acq: 05 Nov 2025 10:49

Tgt Ion: 74 Resp: 49100
 Ion Ratio Lower Upper
 74 100
 45 84.9 40.6 121.7

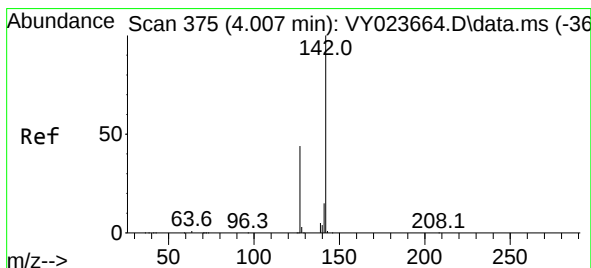
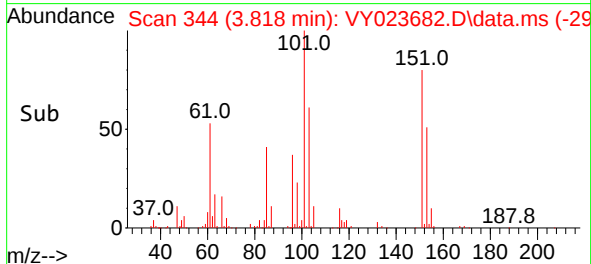
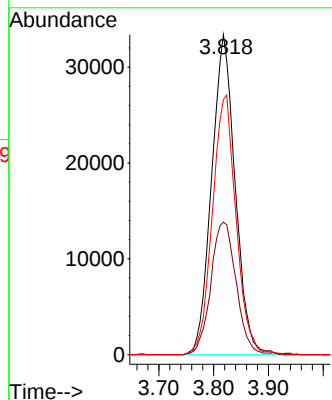
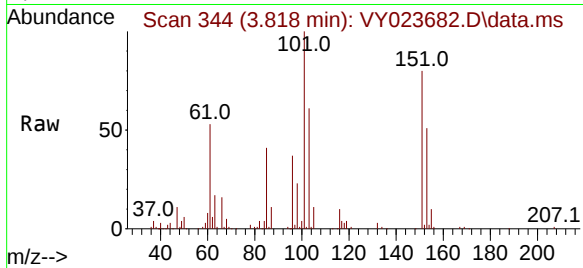




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.164 ug/l
RT: 3.818 min Scan# 344
Delta R.T. -0.000 min
Lab File: VY023682.D
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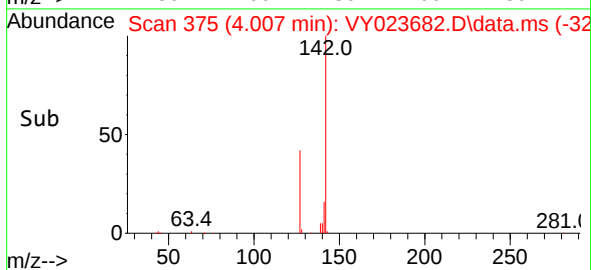
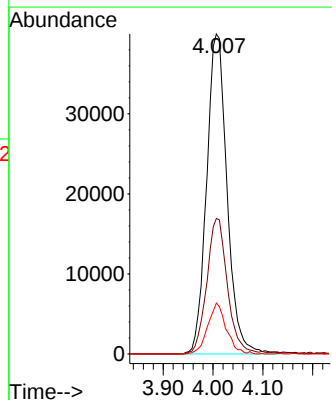
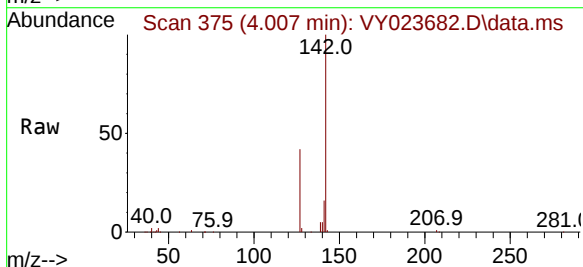
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

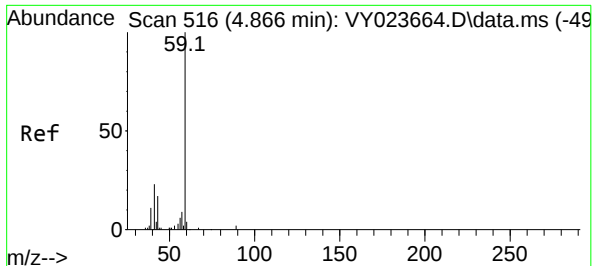
Tgt Ion:101 Resp: 99528
Ion Ratio Lower Upper
101 100
85 44.5 34.4 51.6
151 81.7 65.6 98.4



#10
Methyl Iodide
Concen: 19.556 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion:142 Resp: 113985
Ion Ratio Lower Upper
142 100
127 42.9 34.6 51.8
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 123.562 ug/l

RT: 4.866 min Scan# 516

Delta R.T. 0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

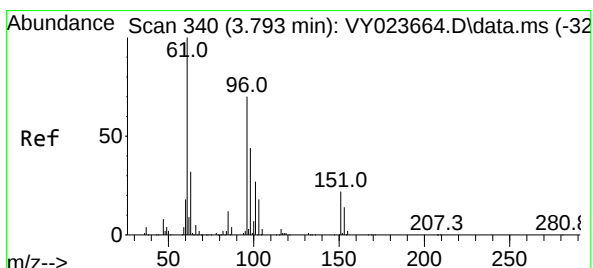
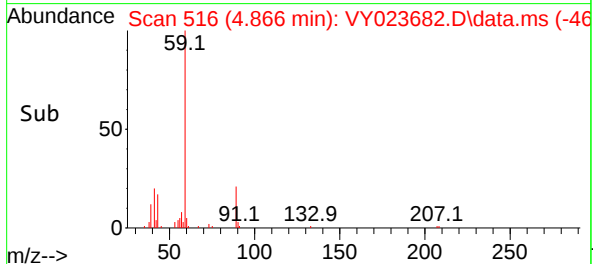
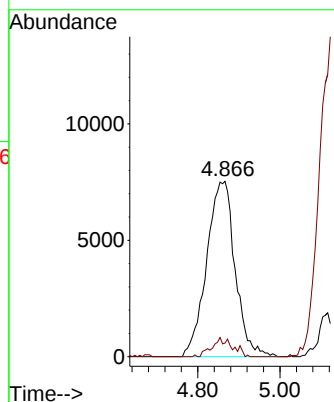
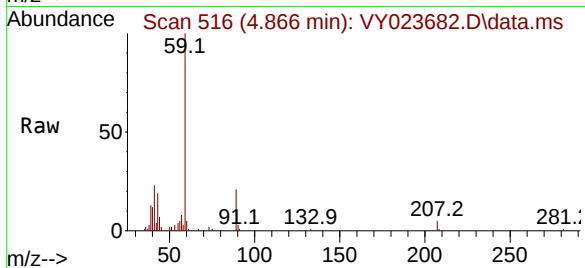
VY1105SBS01

Tgt Ion: 59 Resp: 36168

Ion Ratio Lower Upper

59 100

57 7.7 7.4 11.2



#12

1,1-Dichloroethene

Concen: 20.238 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

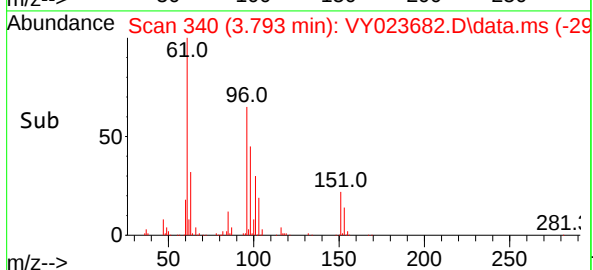
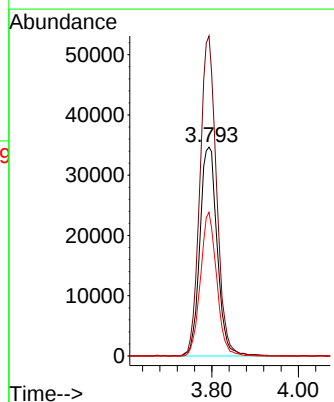
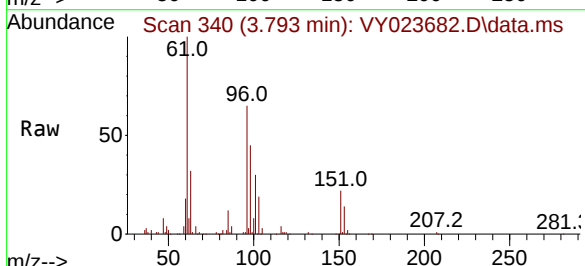
Tgt Ion: 96 Resp: 96226

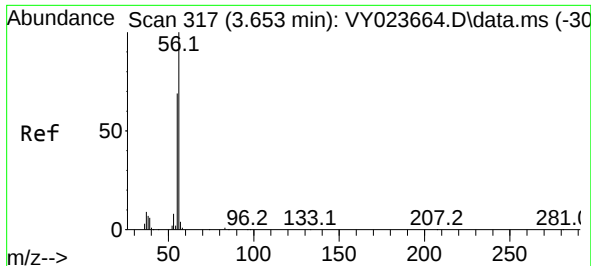
Ion Ratio Lower Upper

96 100

61 153.3 114.0 171.0

98 68.8 50.2 75.2

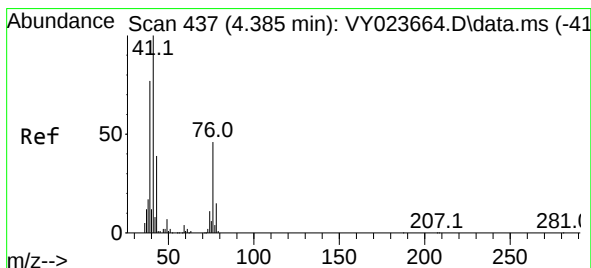
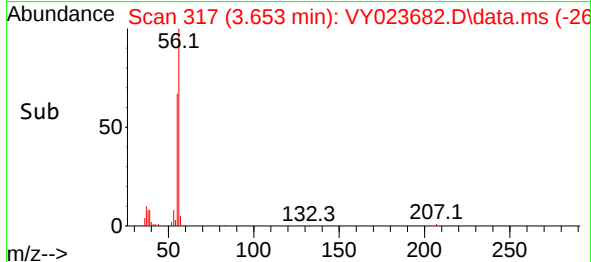
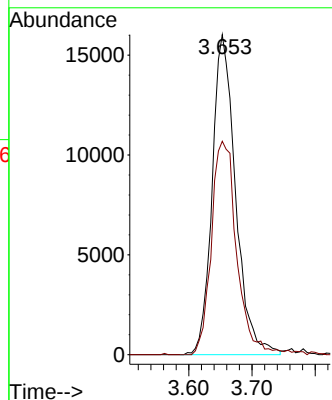
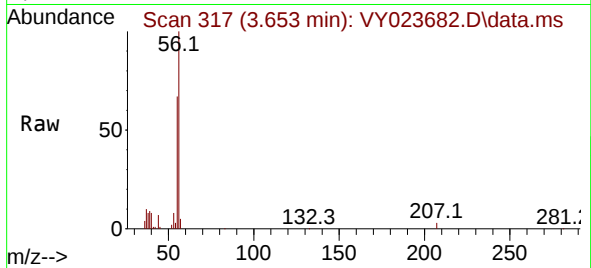




#13
Acrolein
Concen: 109.415 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

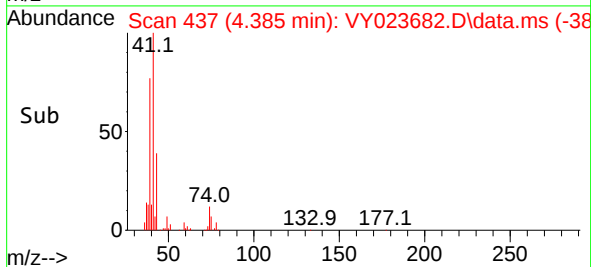
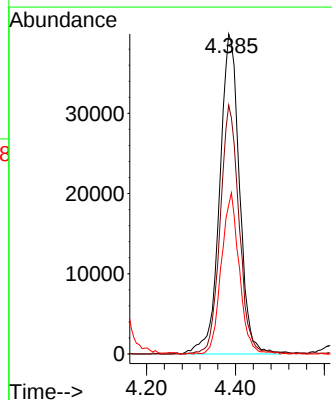
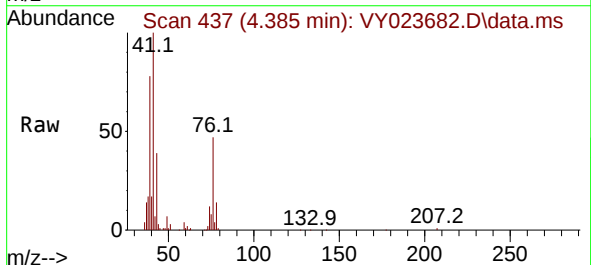
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

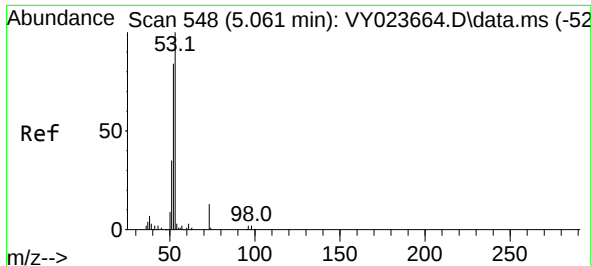
Tgt Ion: 56 Resp: 41165
Ion Ratio Lower Upper
56 100
55 71.9 56.6 84.8



#14
Allyl chloride
Concen: 21.231 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 41 Resp: 122872
Ion Ratio Lower Upper
41 100
39 74.7 60.4 90.6
76 45.6 38.0 57.0

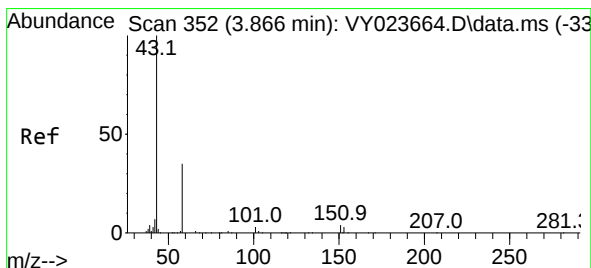
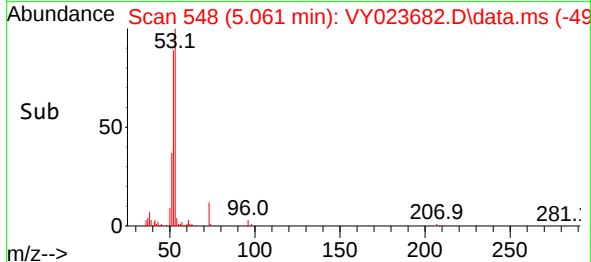
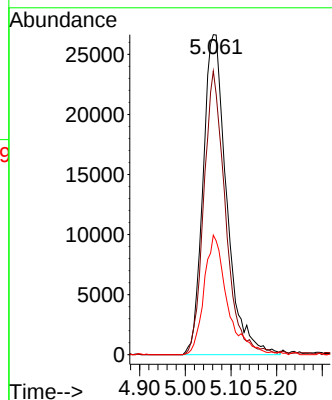
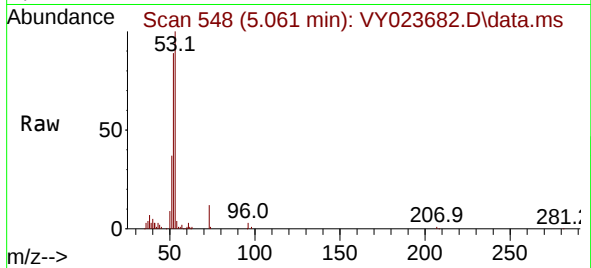




#15
Acrylonitrile
Concen: 104.164 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

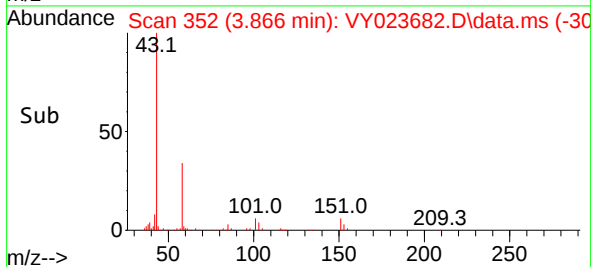
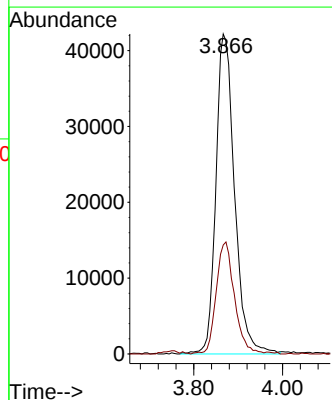
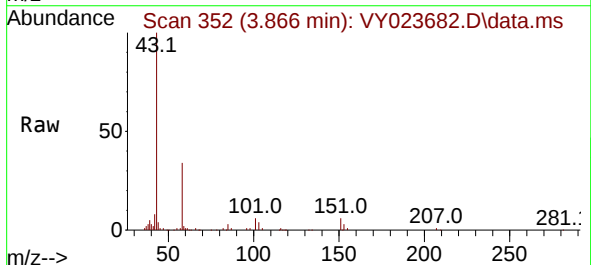
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

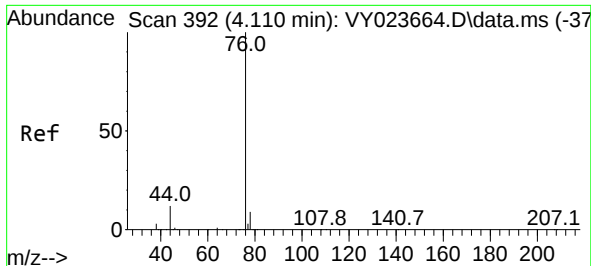
Tgt Ion: 53 Resp: 95635
Ion Ratio Lower Upper
53 100
52 81.2 64.9 97.3
51 36.6 29.4 44.0



#16
Acetone
Concen: 108.878 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 43 Resp: 122857
Ion Ratio Lower Upper
43 100
58 34.1 28.2 42.4

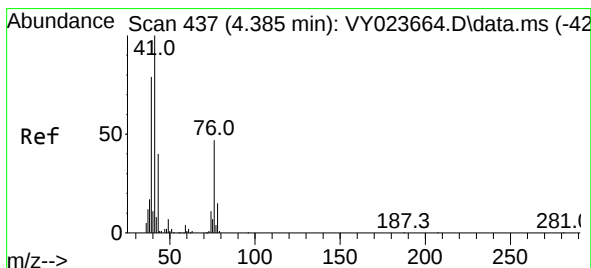
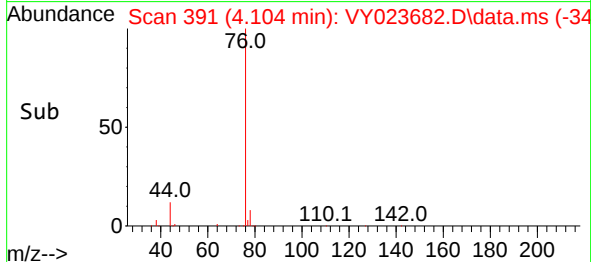
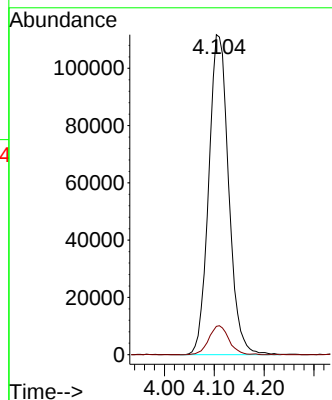
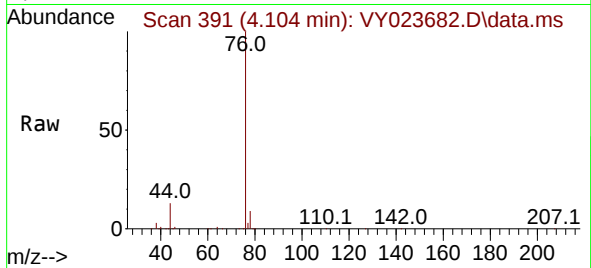




#17
Carbon Disulfide
Concen: 21.272 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

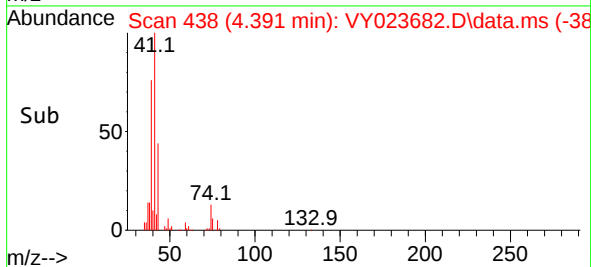
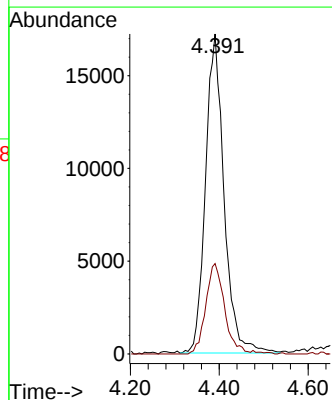
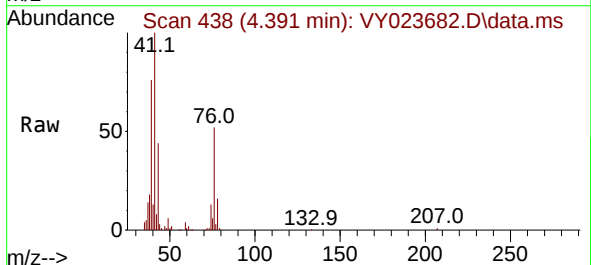
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tgt Ion: 76 Resp: 310435
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 20.046 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 43 Resp: 49892
Ion Ratio Lower Upper
43 100
74 28.7 22.5 33.7

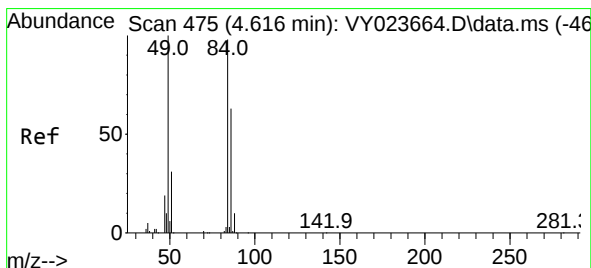
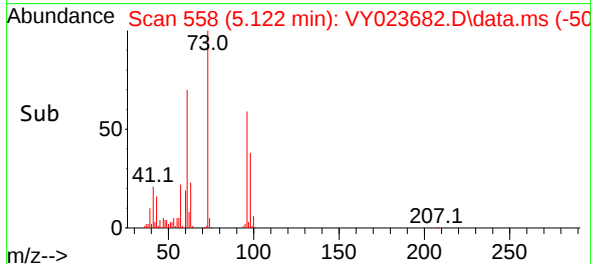
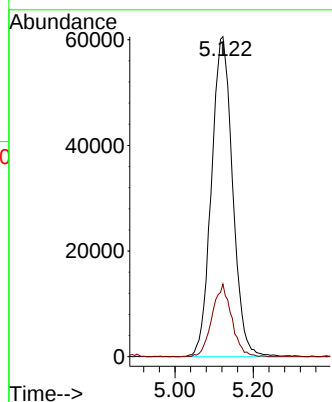
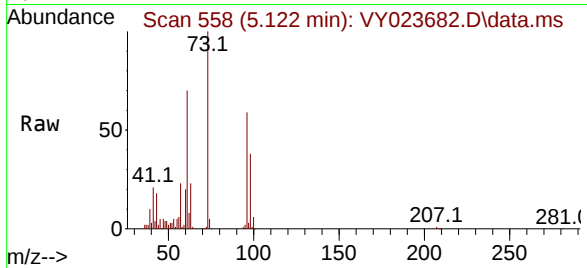




#19
Methyl tert-butyl Ether
Concen: 20.620 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

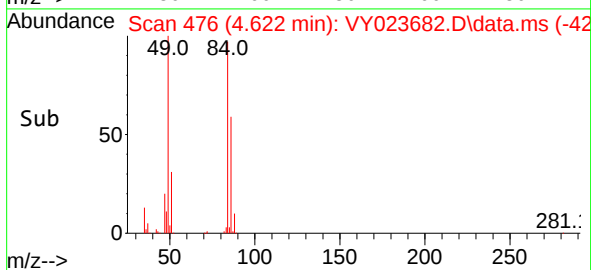
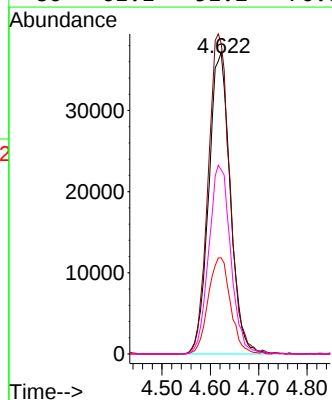
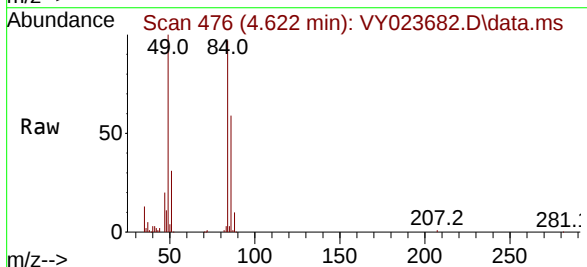
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

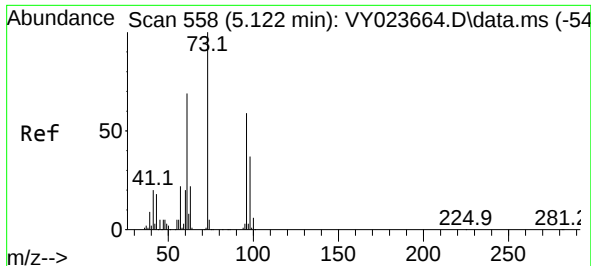
Tgt Ion: 73 Resp: 227342
Ion Ratio Lower Upper
73 100
57 22.7 16.1 24.1



#20
Methylene Chloride
Concen: 21.078 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 84 Resp: 114818
Ion Ratio Lower Upper
84 100
49 103.1 81.5 122.3
51 31.9 25.5 38.3
86 61.1 51.2 76.8

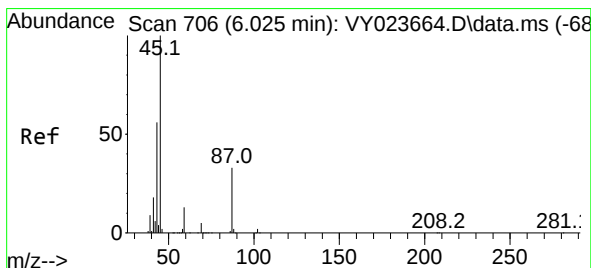
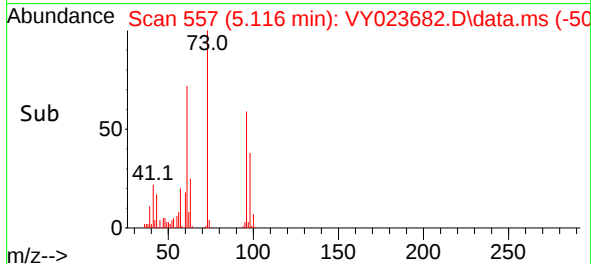
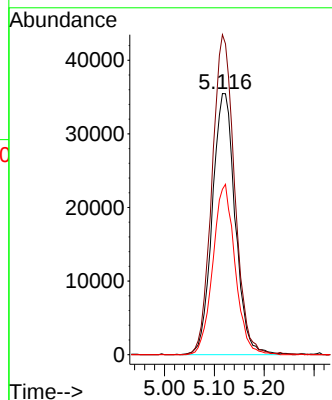
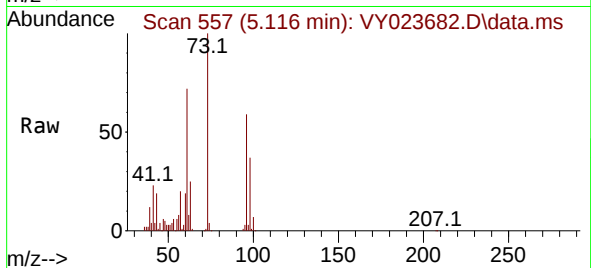




#21
trans-1,2-Dichloroethene
Concen: 21.125 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

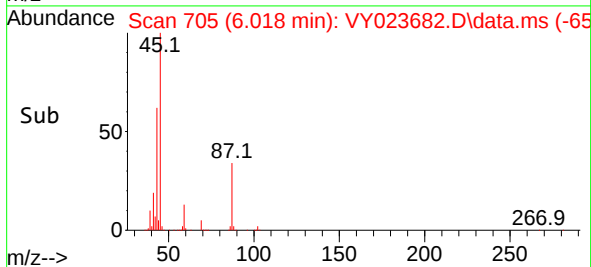
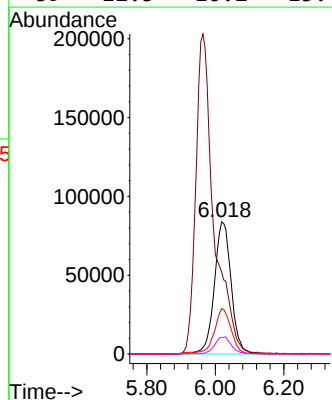
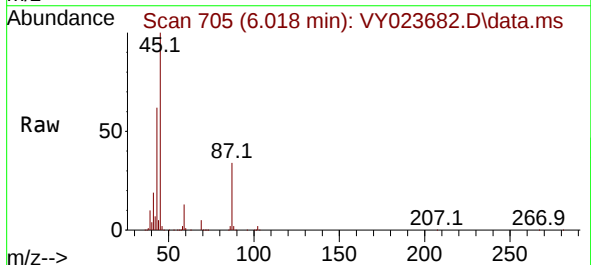
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

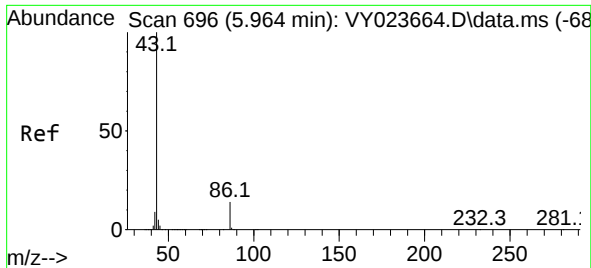
Tgt Ion: 96 Resp: 113255
Ion Ratio Lower Upper
96 100
61 122.5 93.3 139.9
98 63.3 50.6 75.8



#22
Diisopropyl ether
Concen: 22.049 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 45 Resp: 284340
Ion Ratio Lower Upper
45 100
43 62.1 44.7 67.1
87 34.3 27.2 40.8
59 12.5 10.2 15.4

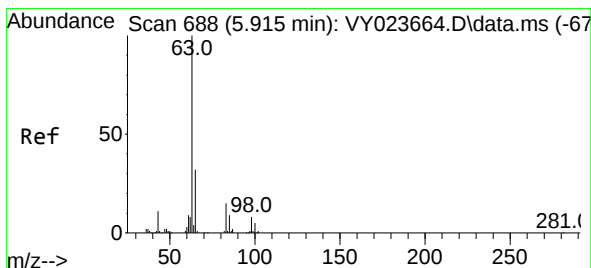
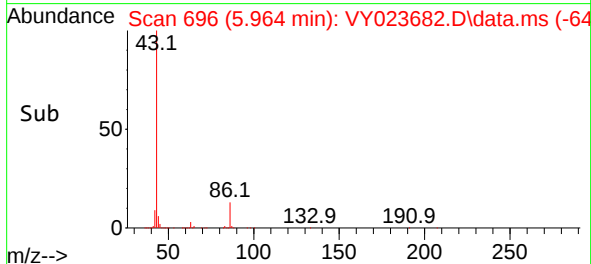
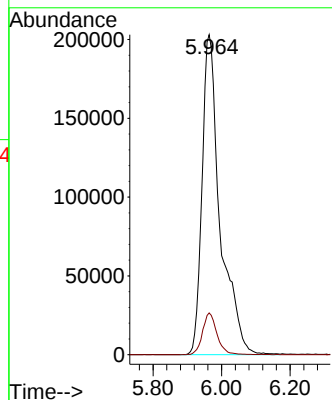
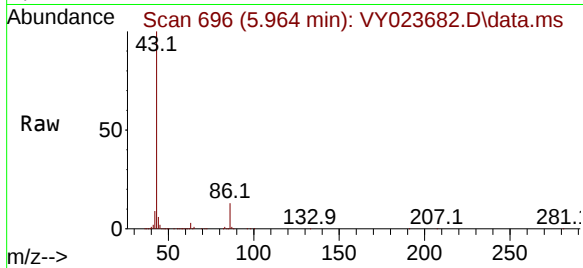




#23
 Vinyl Acetate
 Concen: 108.461 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY023682.D
 Acq: 05 Nov 2025 10:49

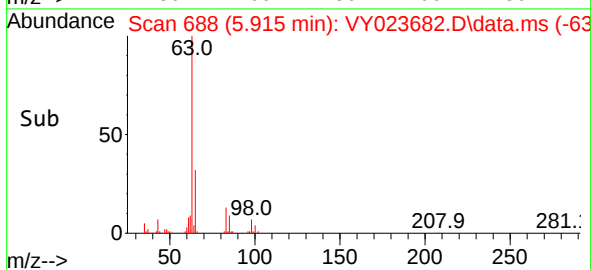
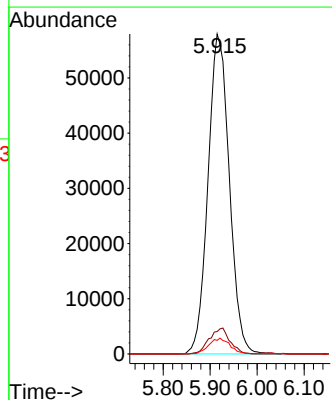
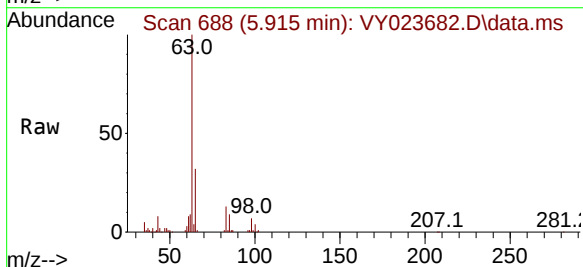
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1105SBSD01

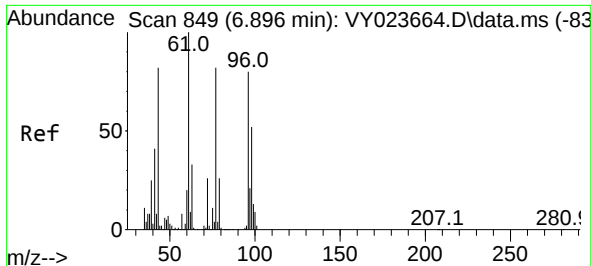
Tgt Ion: 43 Resp: 746408
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 21.228 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY023682.D
 Acq: 05 Nov 2025 10:49

Tgt Ion: 63 Resp: 182376
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 11.9
 100 4.3 2.6 7.8

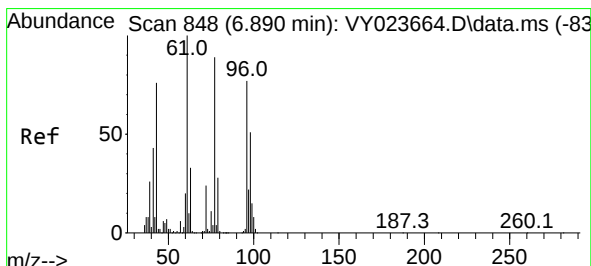
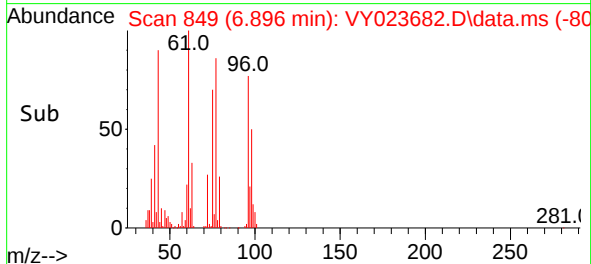
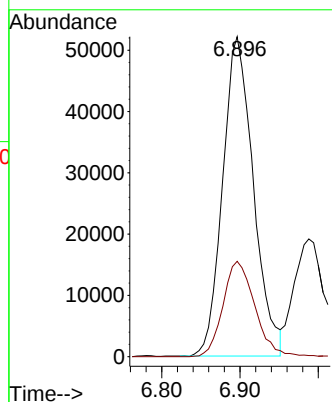
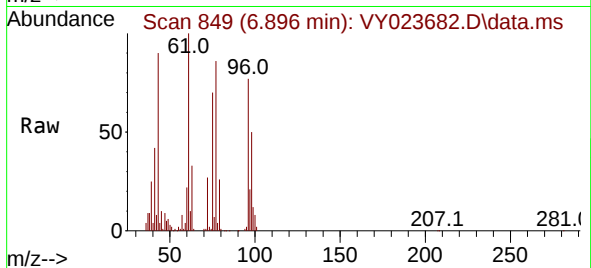




#25
2-Butanone
Concen: 108.865 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

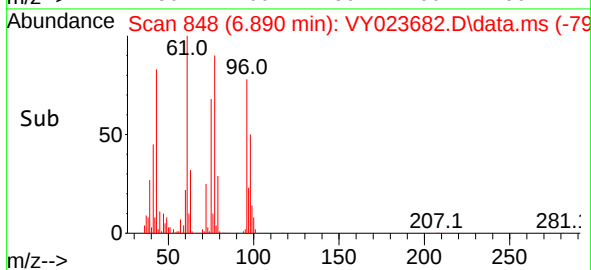
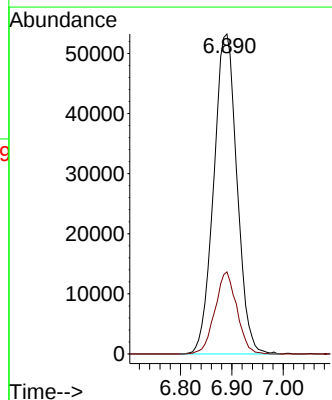
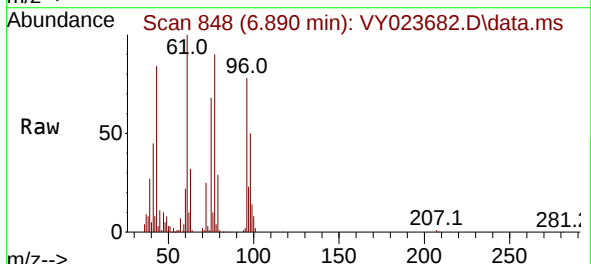
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

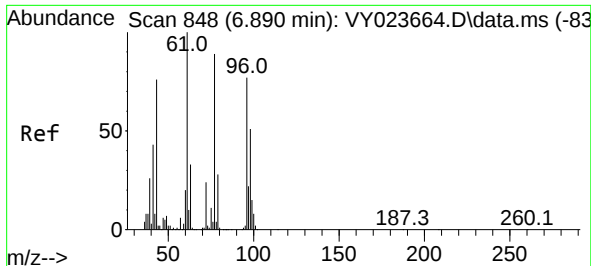
Tgt Ion: 43 Resp: 142028
Ion Ratio Lower Upper
43 100
72 29.9 25.7 38.5



#26
2,2-Dichloropropane
Concen: 21.168 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 77 Resp: 167282
Ion Ratio Lower Upper
77 100
97 24.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.891 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

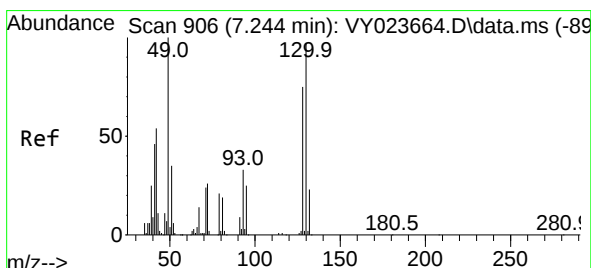
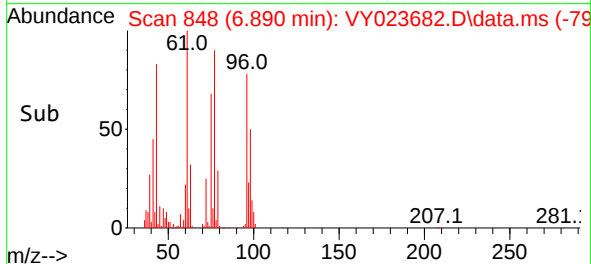
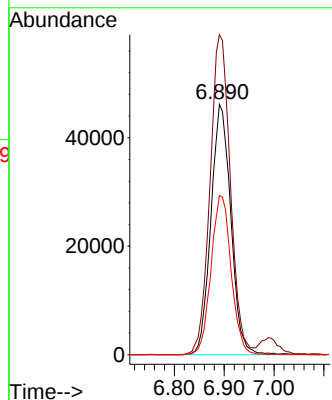
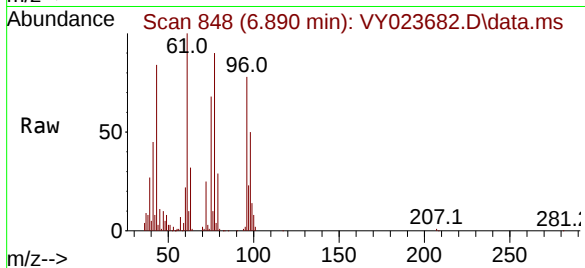
Tgt Ion: 96 Resp: 127911

Ion Ratio Lower Upper

96 100

61 130.5 0.0 255.0

98 64.2 0.0 129.8



#28

Bromochloromethane

Concen: 21.186 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

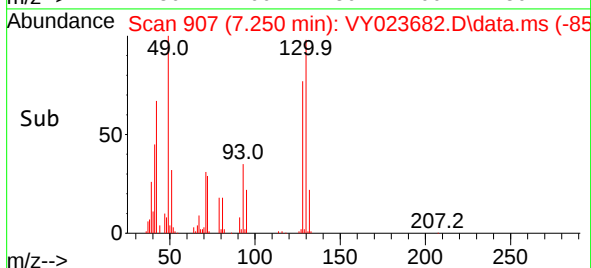
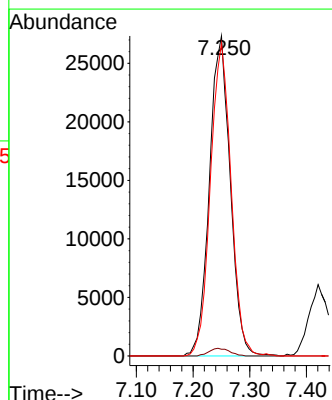
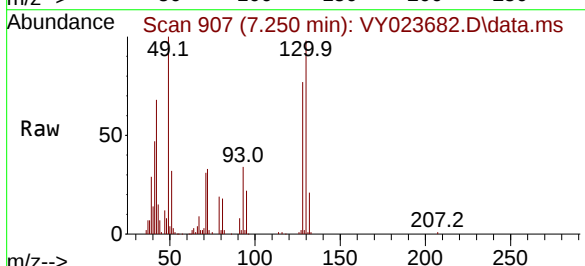
Tgt Ion: 49 Resp: 69693

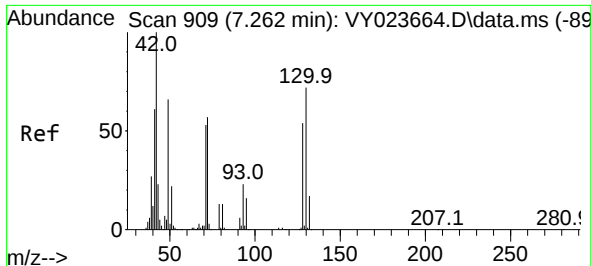
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.0

130 96.9 80.1 120.1

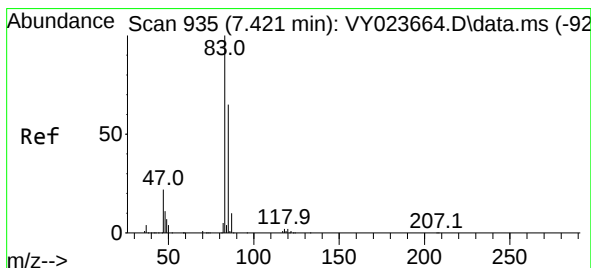
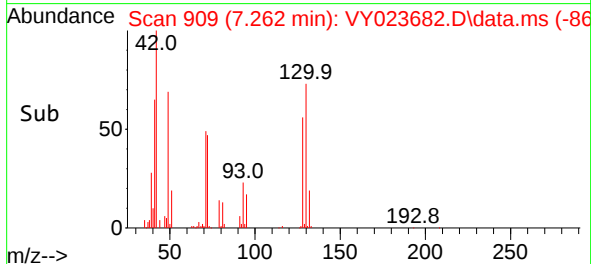
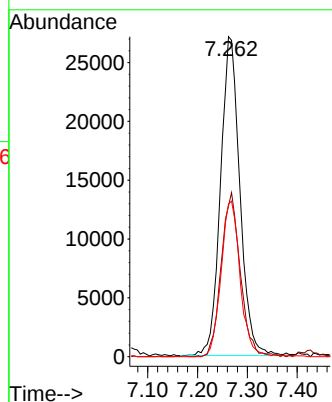
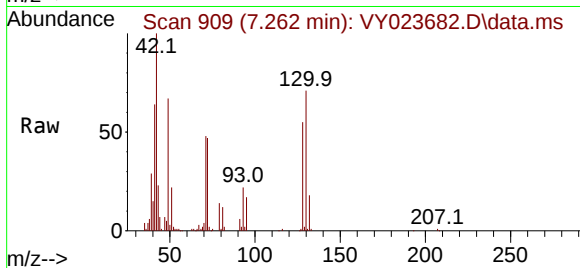




#29
Tetrahydrofuran
Concen: 105.283 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

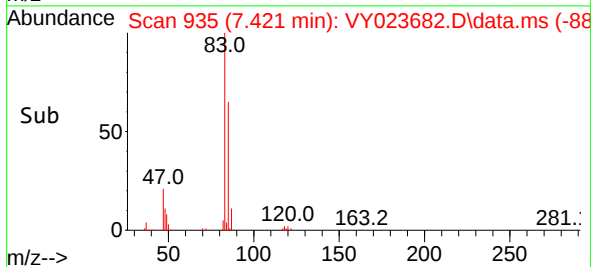
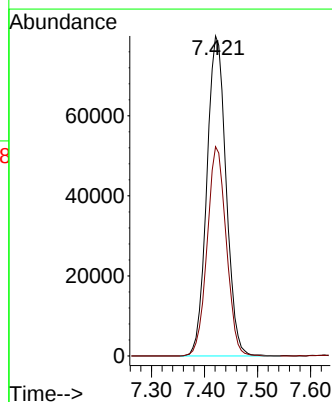
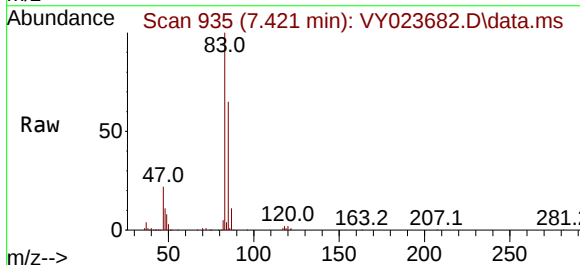
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

Tgt Ion: 42 Resp: 73151
Ion Ratio Lower Upper
42 100
72 51.0 43.4 65.2
71 47.9 40.7 61.1



#30
Chloroform
Concen: 21.011 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 83 Resp: 201399
Ion Ratio Lower Upper
83 100
85 65.4 52.1 78.1

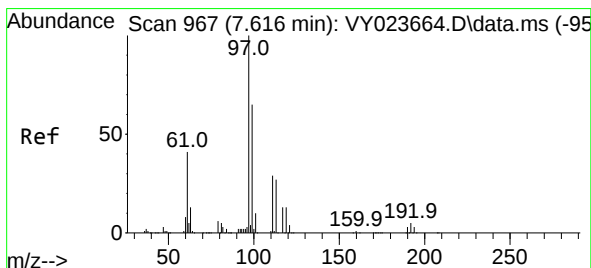
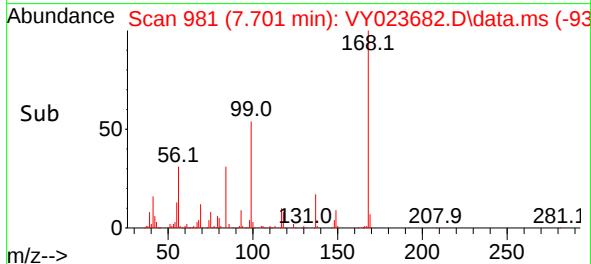
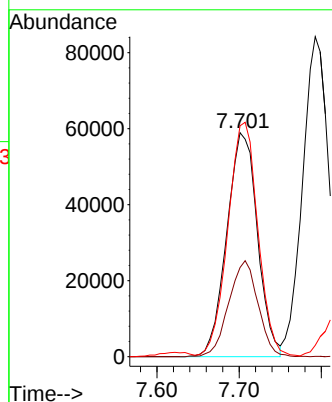
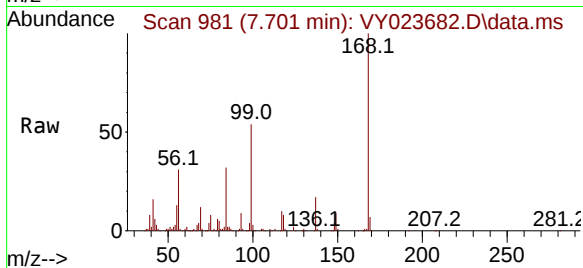




#31
Cyclohexane
Concen: 20.442 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

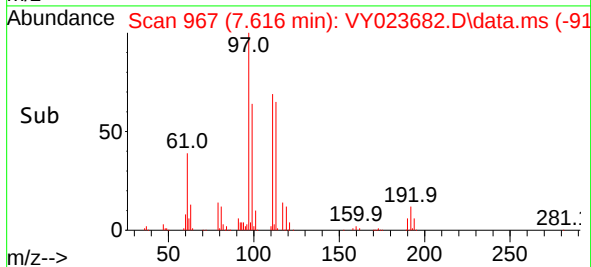
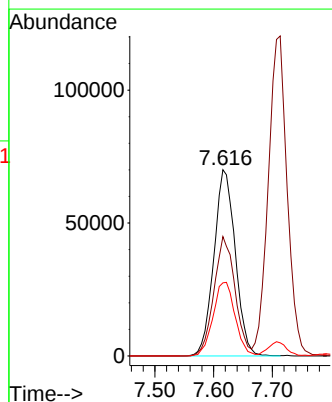
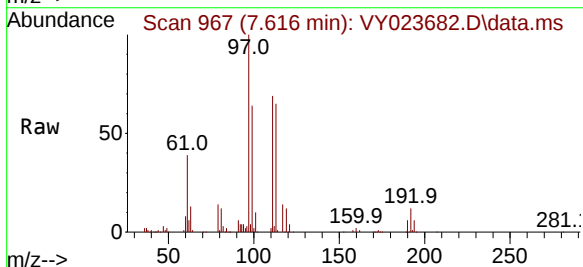
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

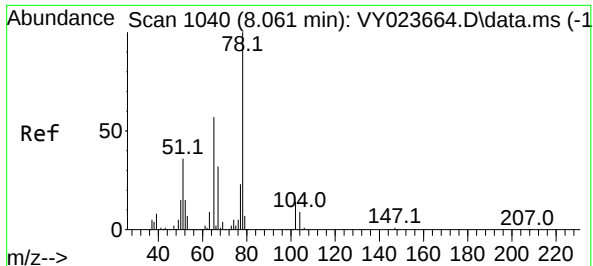
Tgt Ion: 56 Resp: 152939
Ion Ratio Lower Upper
56 100
69 39.8 30.5 45.7
84 101.3 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 20.715 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 97 Resp: 177464
Ion Ratio Lower Upper
97 100
99 63.3 51.5 77.3
61 40.7 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 50.007 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. -0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

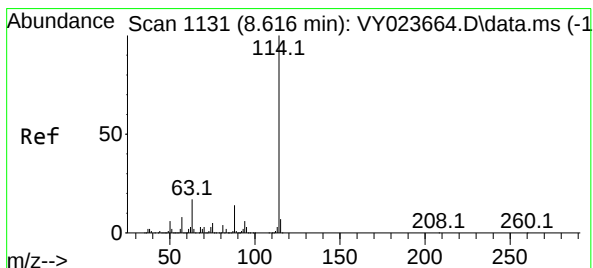
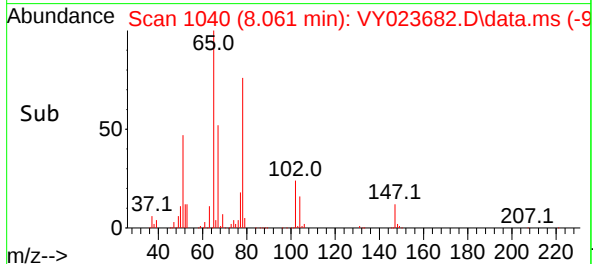
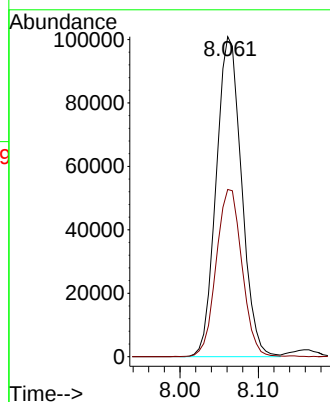
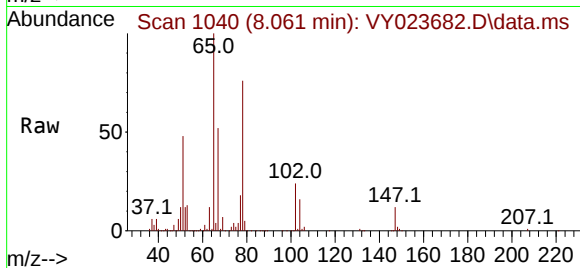
VY1105SBS01

Tgt Ion: 65 Resp: 227009

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

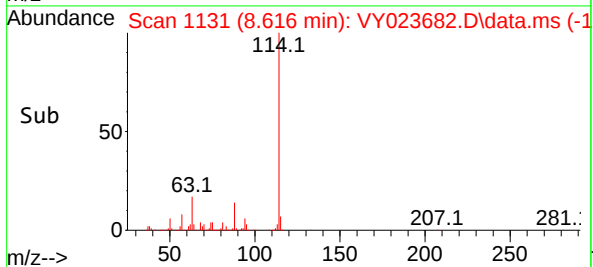
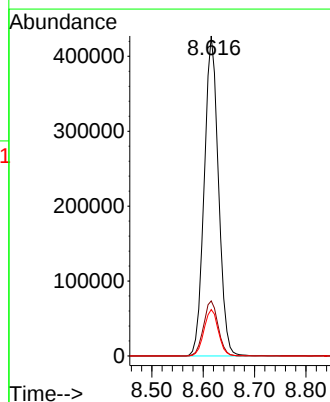
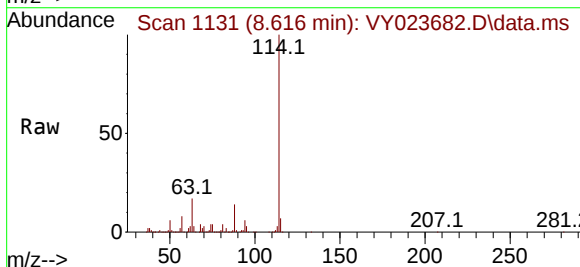
Tgt Ion: 114 Resp: 820842

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.8

88 14.5 0.0 29.0

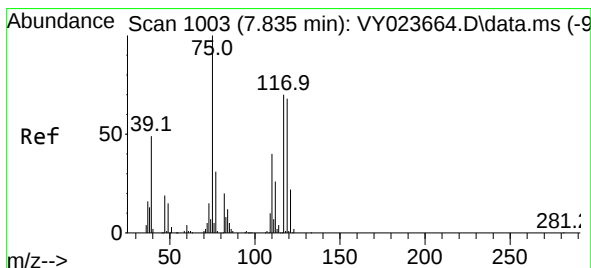
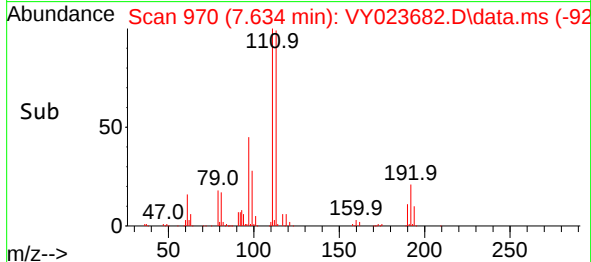
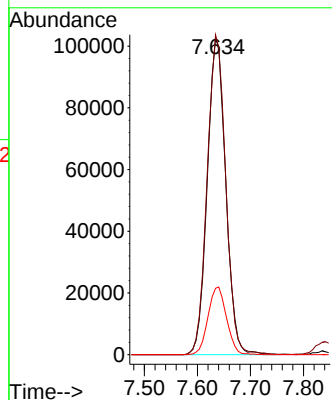
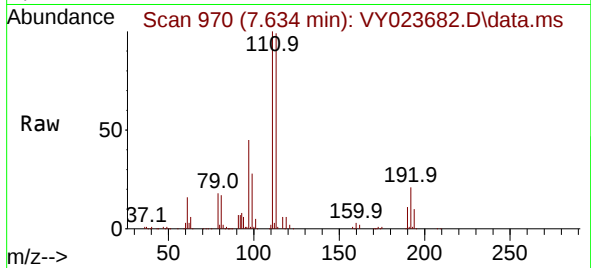




#35
Dibromofluoromethane
Concen: 48.348 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

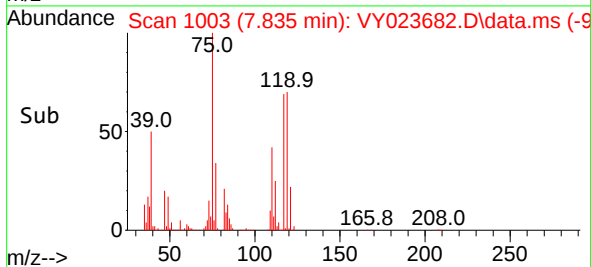
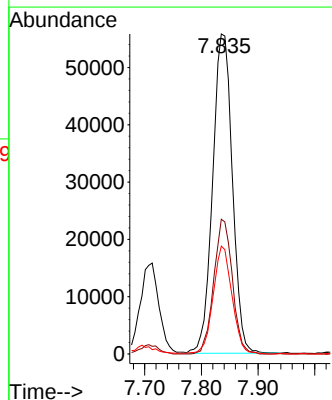
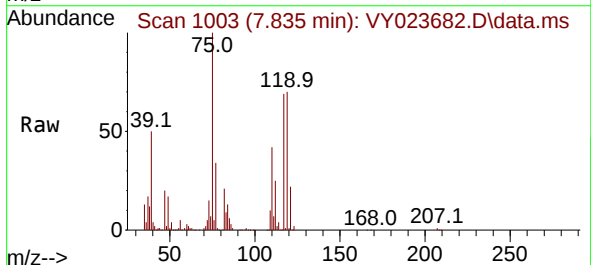
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

Tgt Ion:113 Resp: 248012
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 21.4 17.3 25.9



#36
1,1-Dichloropropene
Concen: 19.640 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 75 Resp: 134628
Ion Ratio Lower Upper
75 100
110 39.8 19.7 59.0
77 32.3 25.2 37.8





#37

Ethyl Acetate

Concen: 20.251 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

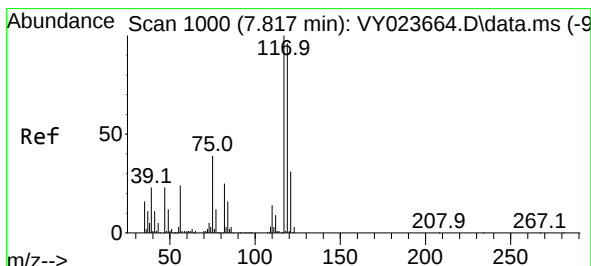
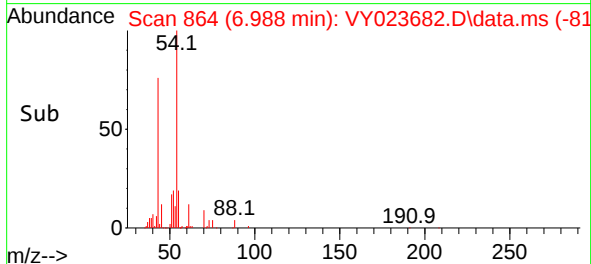
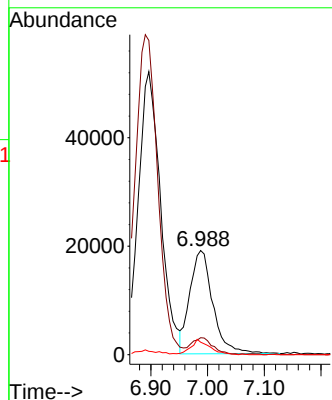
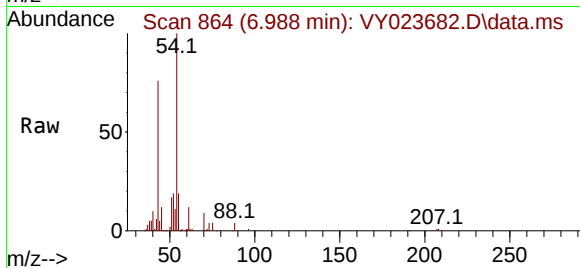
Tgt Ion: 43 Resp: 53738

Ion Ratio Lower Upper

43 100

61 14.8 12.4 18.6

70 11.8 9.8 14.8



#38

Carbon Tetrachloride

Concen: 19.609 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

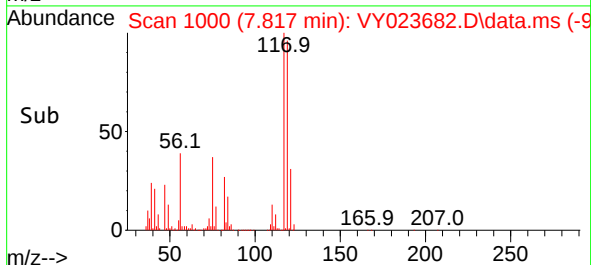
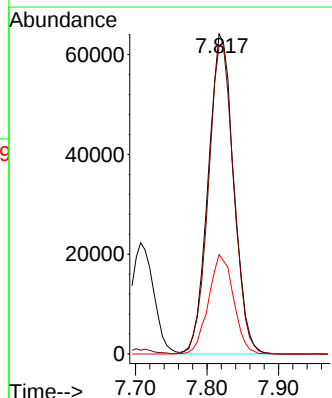
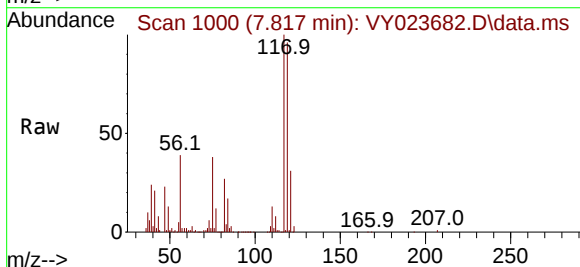
Tgt Ion: 117 Resp: 158365

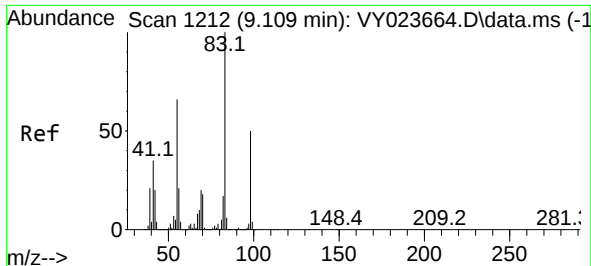
Ion Ratio Lower Upper

117 100

119 96.3 76.3 114.5

121 31.1 24.8 37.2

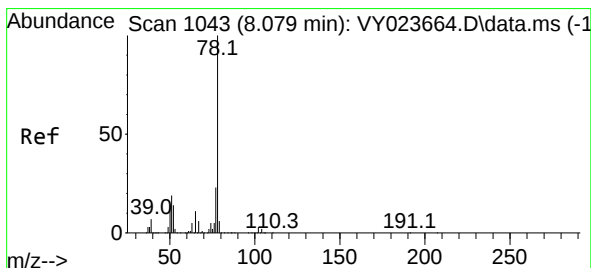
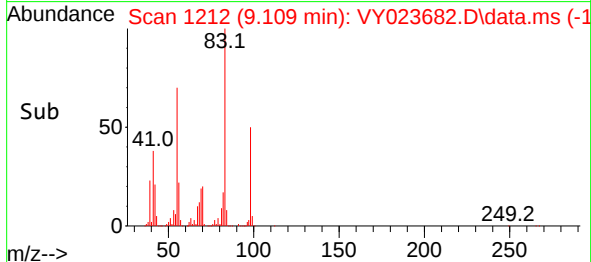
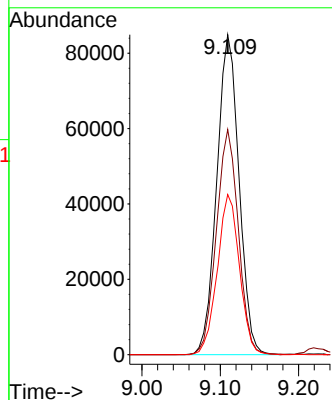
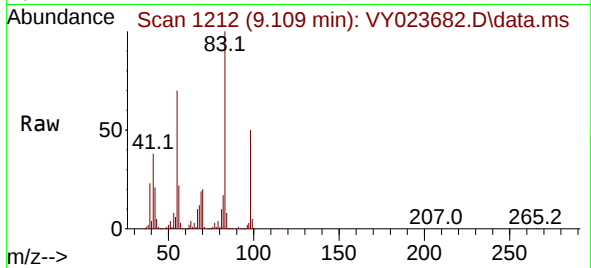




#39
Methylcyclohexane
Concen: 19.165 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

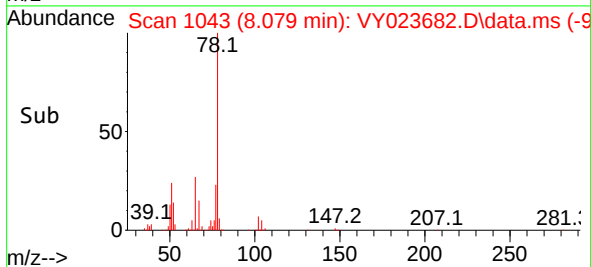
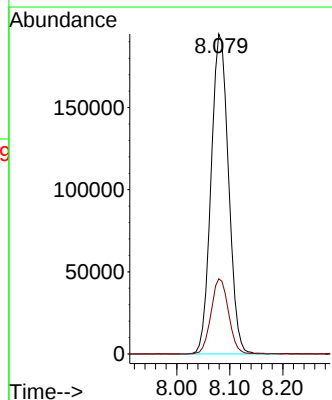
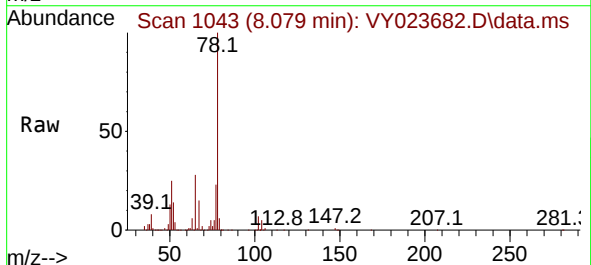
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

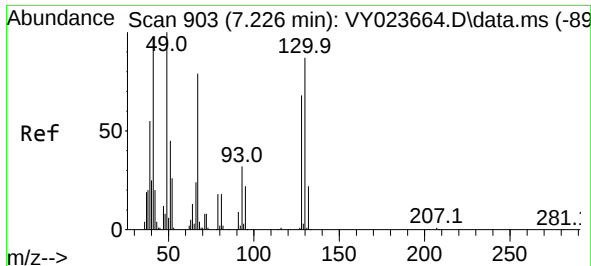
Tgt Ion: 83 Resp: 167855
Ion Ratio Lower Upper
83 100
55 70.3 52.6 78.8
98 50.1 39.7 59.5



#40
Benzene
Concen: 20.643 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 78 Resp: 446011
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

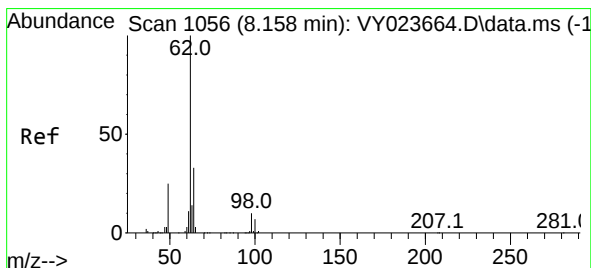
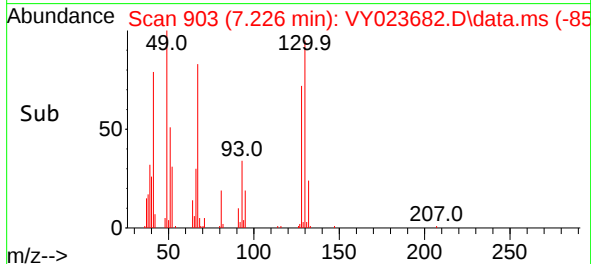
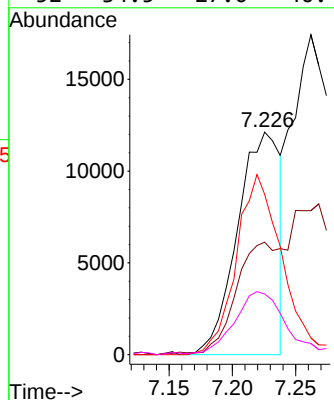
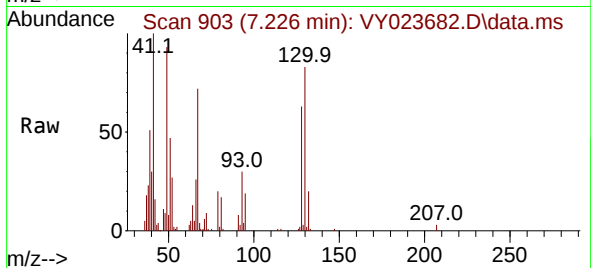




#41
Methacrylonitrile
Concen: 19.639 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

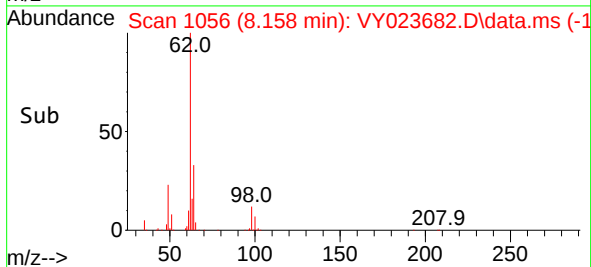
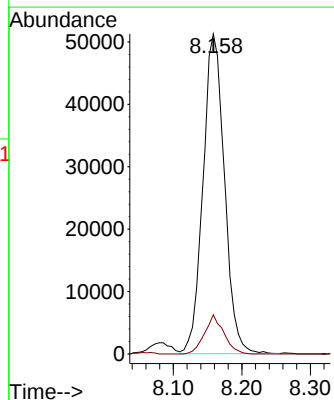
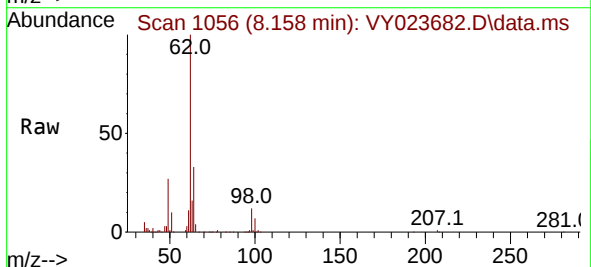
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

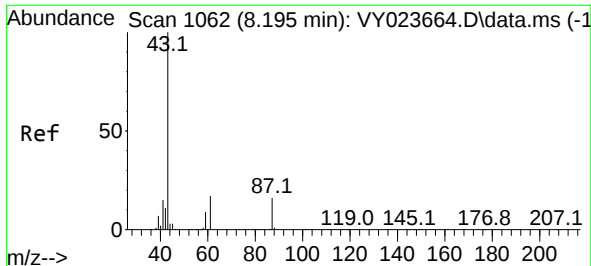
Tgt Ion:	41	Resp:	28446
Ion	Ratio	Lower	Upper
41	100		
39	43.0	38.6	57.8
67	87.9	71.3	106.9
52	34.5	27.0	40.4



#42
1,2-Dichloroethane
Concen: 20.443 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion:	62	Resp:	111745
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.0

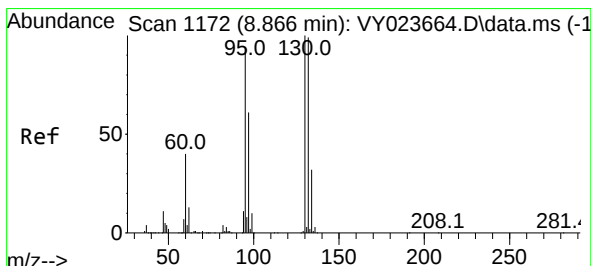
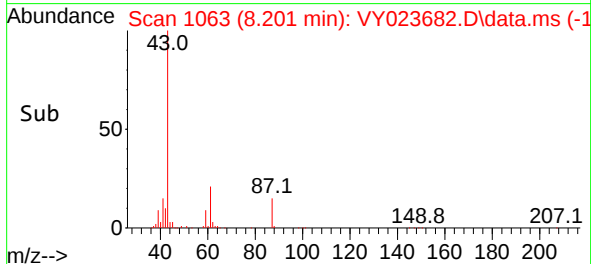
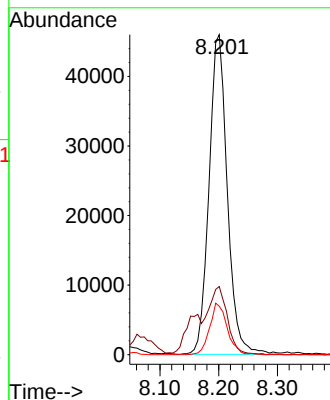
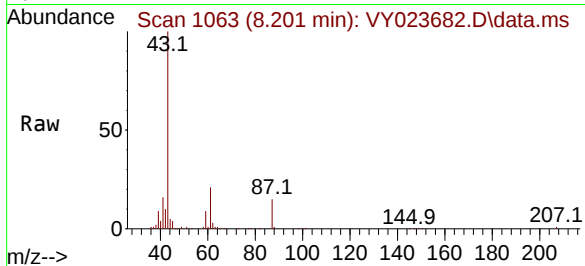




#43
Isopropyl Acetate
Concen: 19.962 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

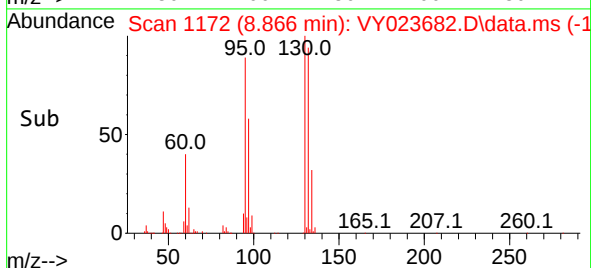
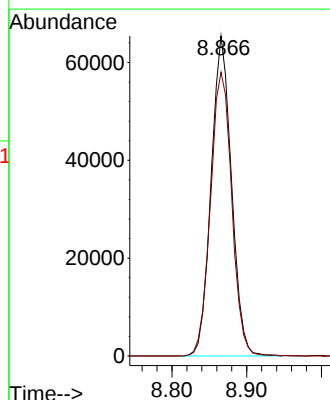
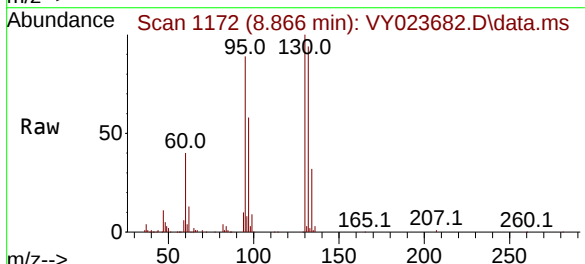
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

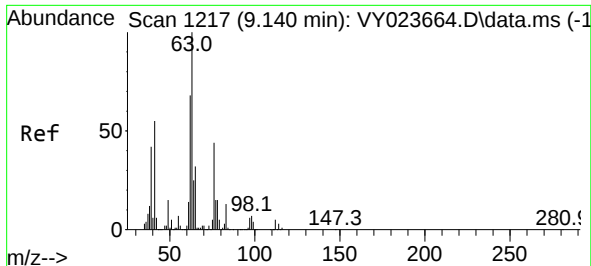
Tgt Ion:	43	Resp:	99528
Ion	Ratio	Lower	Upper
43	100		
61	22.4	18.2	27.2
87	15.5	13.3	19.9



#44
Trichloroethene
Concen: 19.838 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion:	130	Resp:	123108
Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	187.0





#45

1,2-Dichloropropane

Concen: 20.660 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

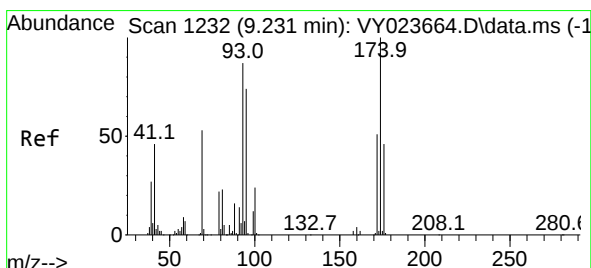
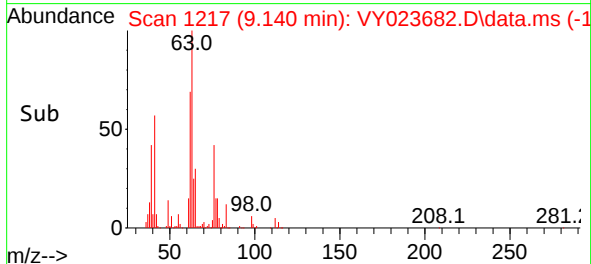
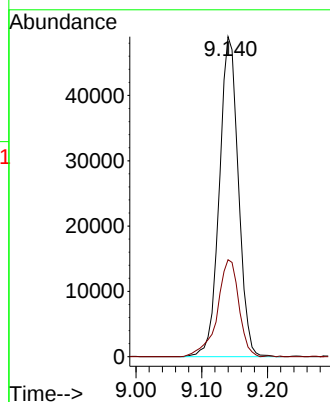
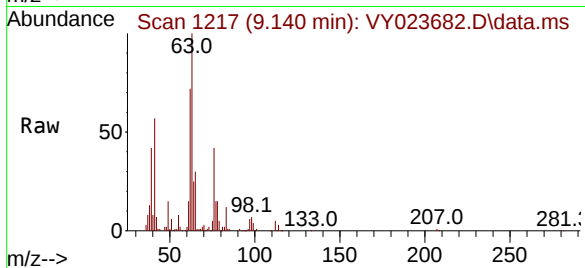
VY1105SBSD01

Tgt Ion: 63 Resp: 98517

Ion Ratio Lower Upper

63 100

65 30.3 25.6 38.4



#46

Dibromomethane

Concen: 20.017 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

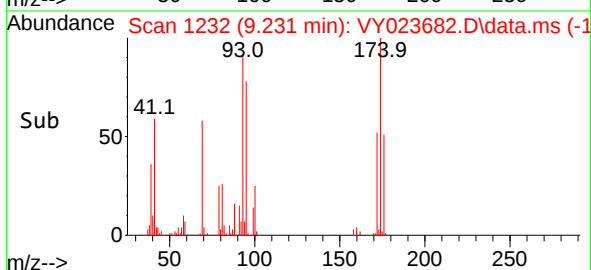
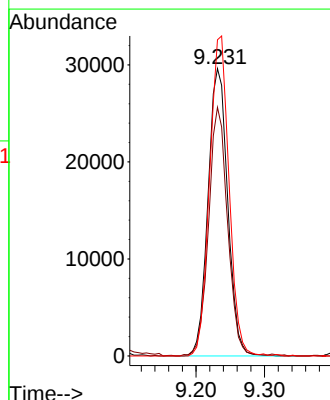
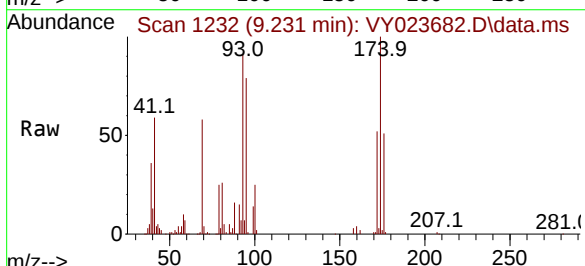
Tgt Ion: 93 Resp: 59142

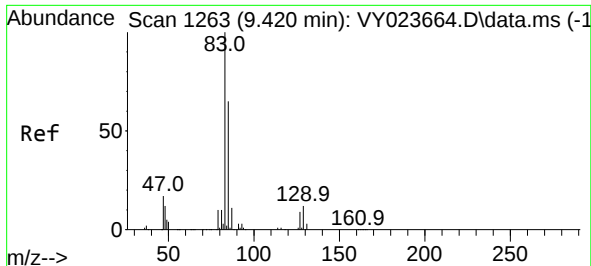
Ion Ratio Lower Upper

93 100

95 83.8 67.4 101.2

174 110.0 89.4 134.0

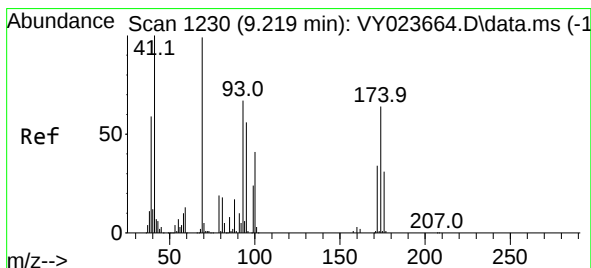
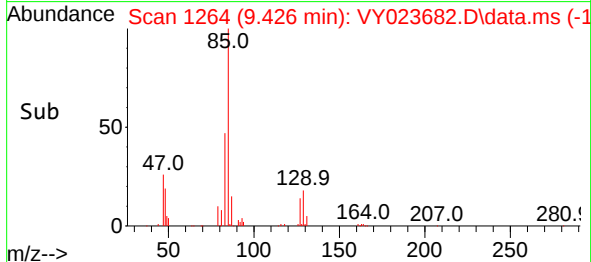
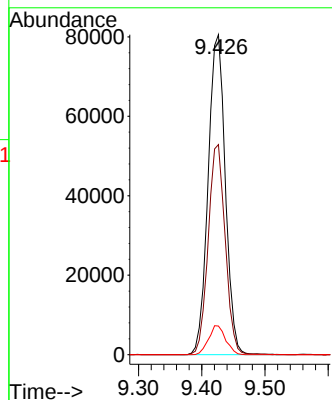
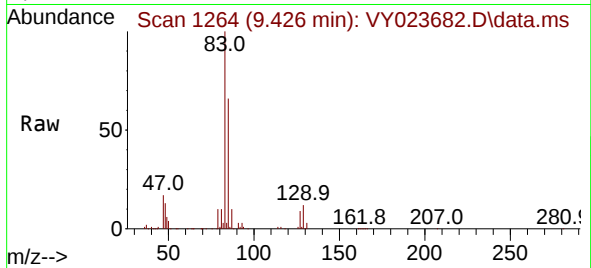




#47
Bromodichloromethane
Concen: 20.469 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

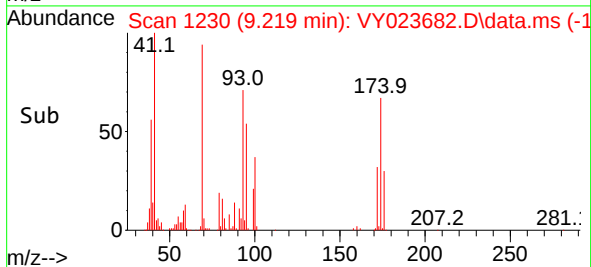
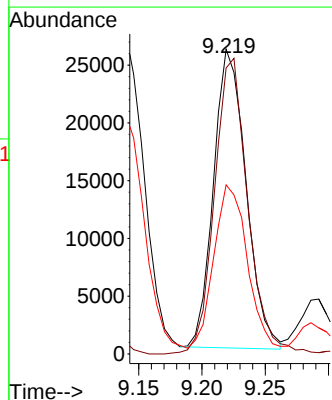
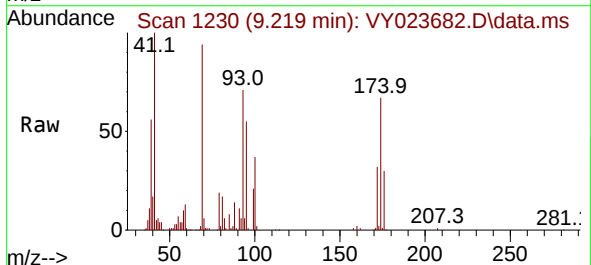
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

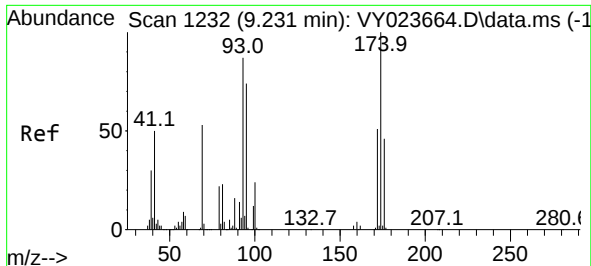
Tgt Ion: 83 Resp: 152477
Ion Ratio Lower Upper
83 100
85 65.7 52.1 78.1
127 8.9 7.5 11.3



#48
Methyl methacrylate
Concen: 19.614 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 41 Resp: 46202
Ion Ratio Lower Upper
41 100
69 101.5 80.2 120.2
39 56.3 47.4 71.0





#49

1,4-Dioxane

Concen: 388.529 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBSD01

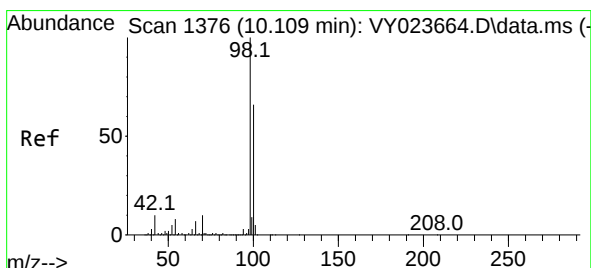
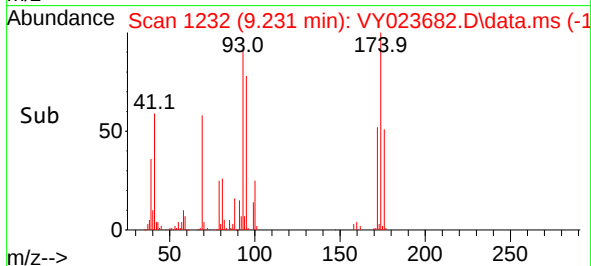
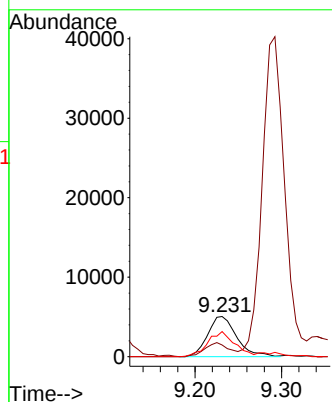
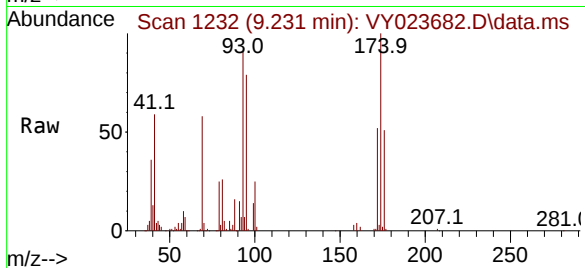
Tgt Ion: 88 Resp: 11748

Ion Ratio Lower Upper

88 100

43 29.3 22.0 33.0

58 58.1 47.8 71.8



#50

Toluene-d8

Concen: 49.447 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023682.D

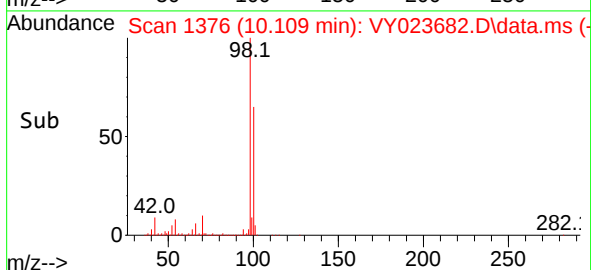
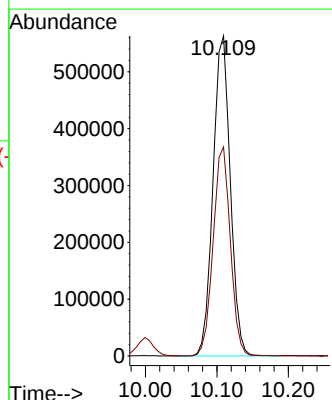
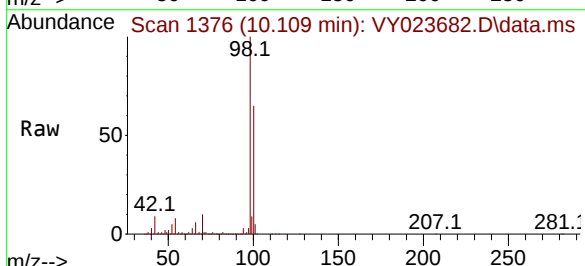
Acq: 05 Nov 2025 10:49

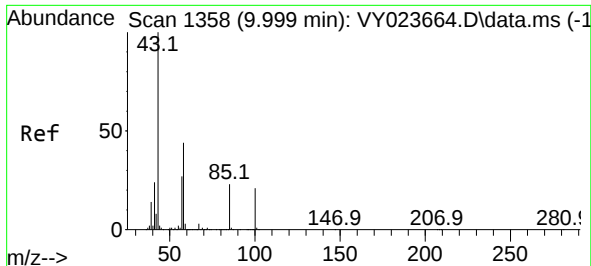
Tgt Ion: 98 Resp: 944857

Ion Ratio Lower Upper

98 100

100 65.2 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 100.732 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

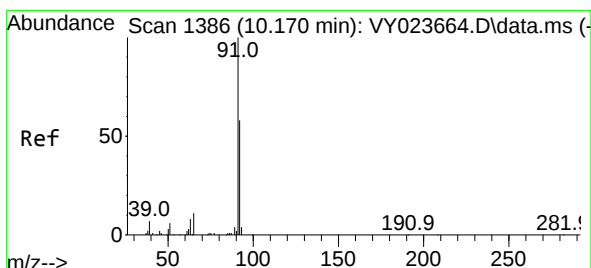
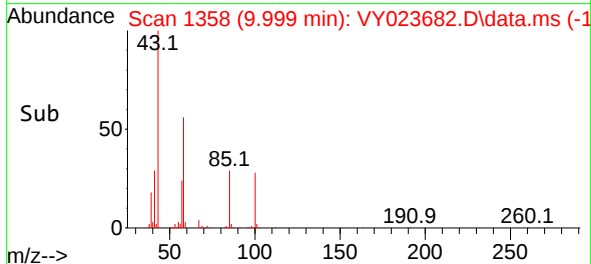
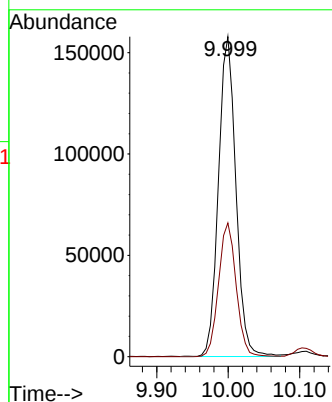
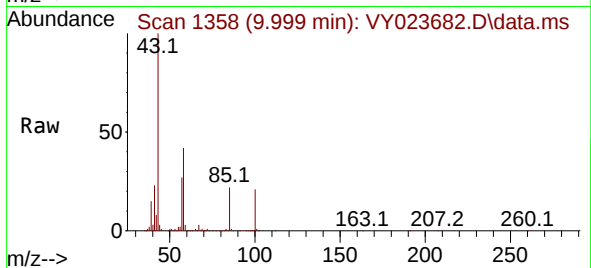
VY1105SBSD01

Tgt Ion: 43 Resp: 267090

Ion Ratio Lower Upper

43 100

58 42.3 34.8 52.2



#52

Toluene

Concen: 20.688 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023682.D

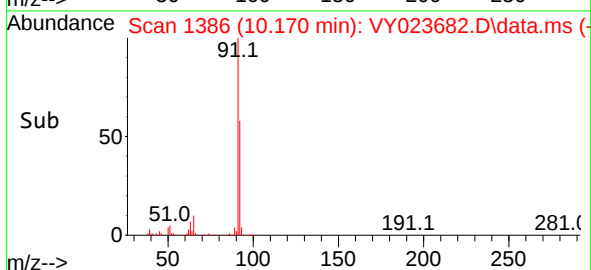
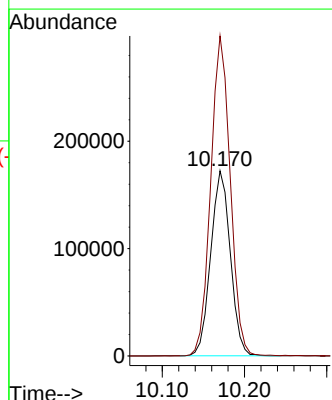
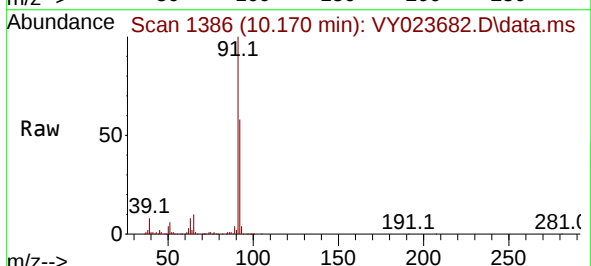
Acq: 05 Nov 2025 10:49

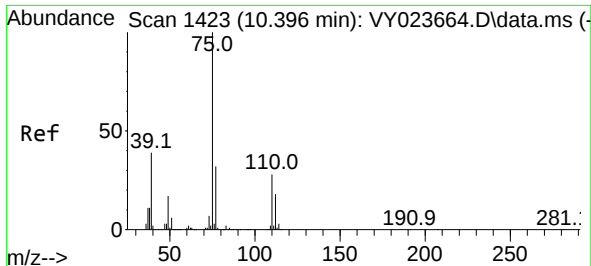
Tgt Ion: 92 Resp: 285370

Ion Ratio Lower Upper

92 100

91 172.4 137.8 206.8

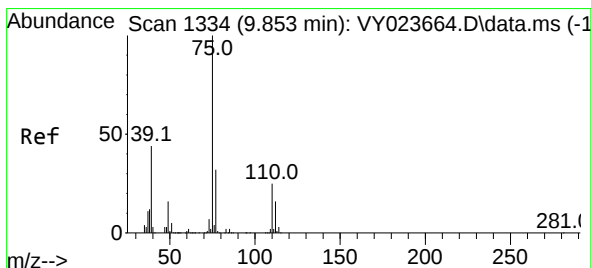
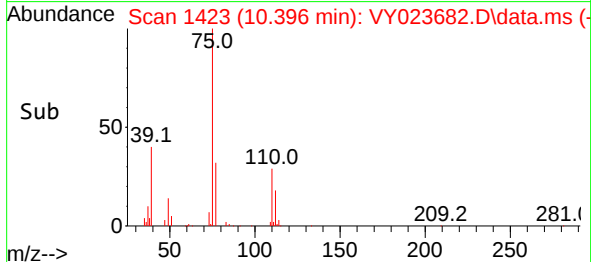
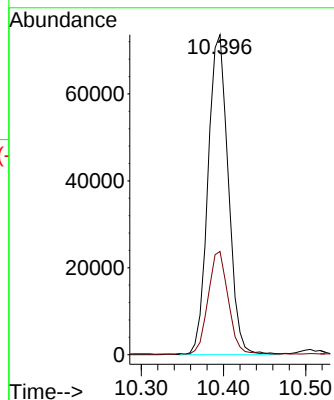
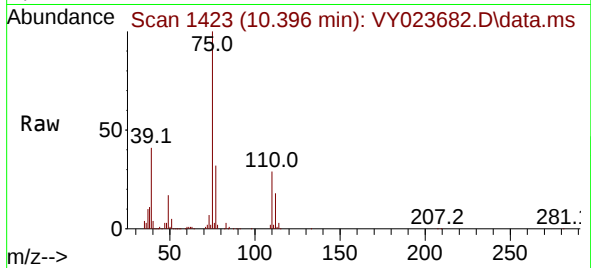




#53
t-1,3-Dichloropropene
Concen: 20.017 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

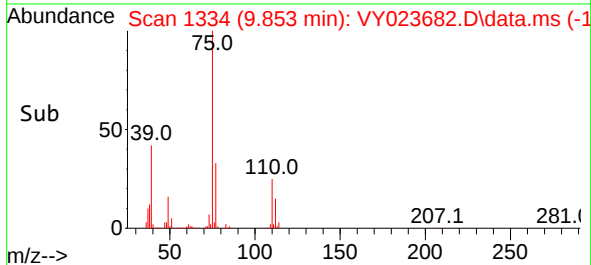
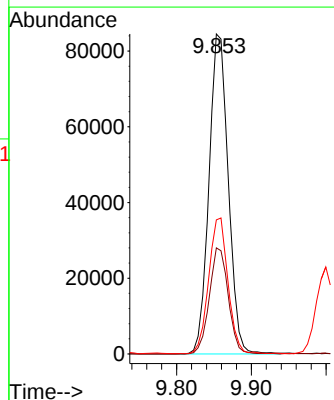
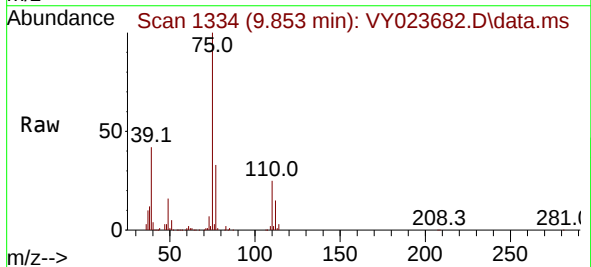
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

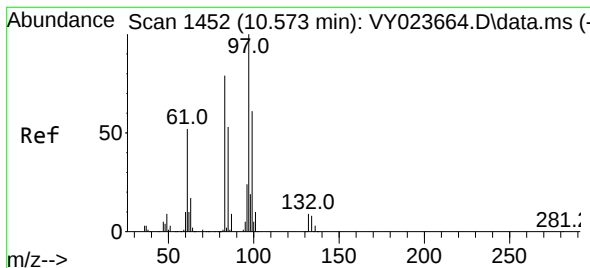
Tgt Ion: 75 Resp: 126168
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 20.122 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 75 Resp: 151960
Ion Ratio Lower Upper
75 100
77 33.1 25.7 38.5
39 41.8 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 19.949 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. -0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

Tgt Ion: 97 Resp: 78768

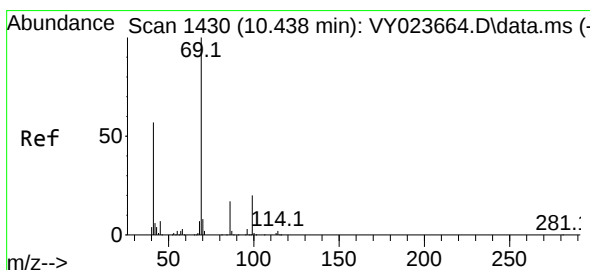
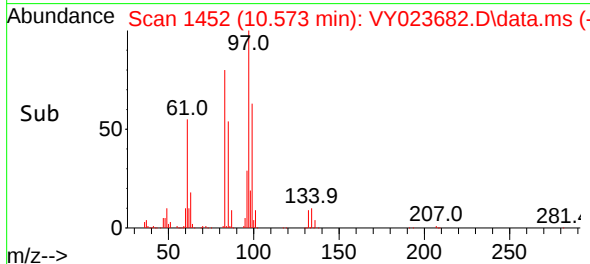
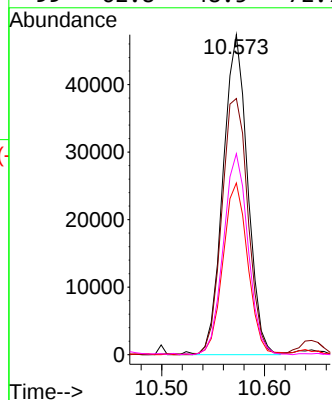
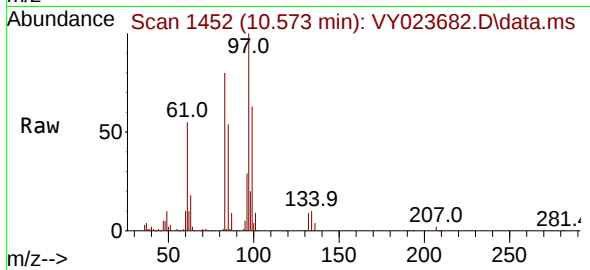
Ion Ratio Lower Upper

97 100

83 79.8 63.3 94.9

85 53.7 42.4 63.6

99 62.8 48.5 72.7



#56

Ethyl methacrylate

Concen: 19.153 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

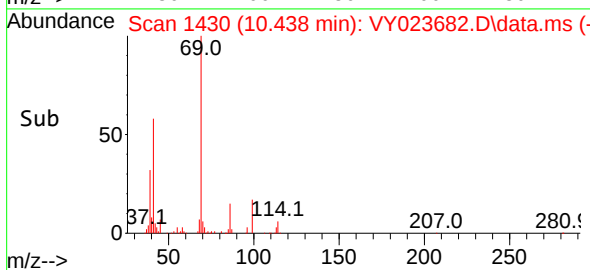
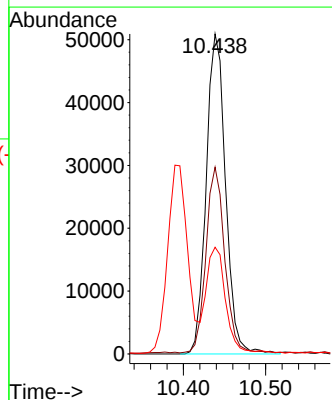
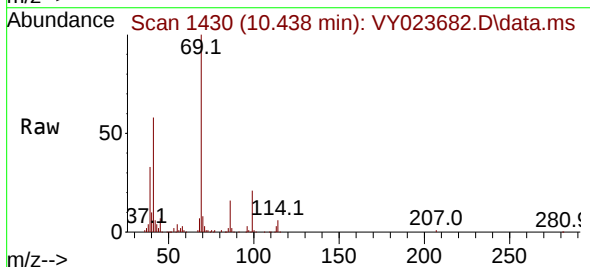
Tgt Ion: 69 Resp: 83326

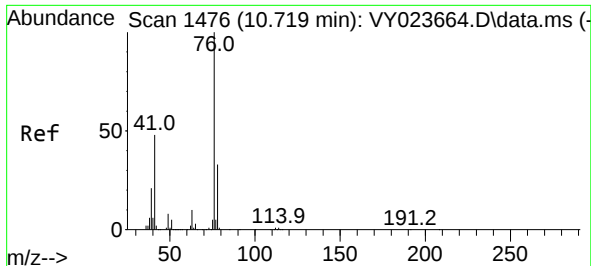
Ion Ratio Lower Upper

69 100

41 57.0 45.0 67.4

39 31.4 25.1 37.7





#57

1,3-Dichloropropane

Concen: 20.087 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

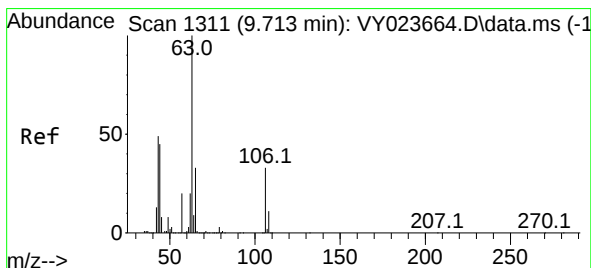
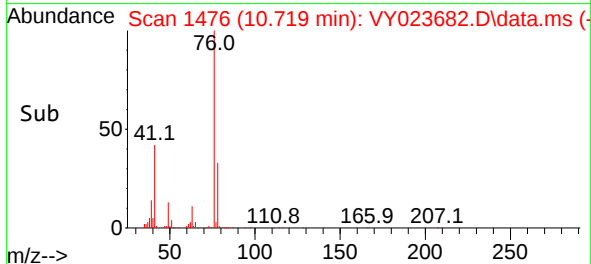
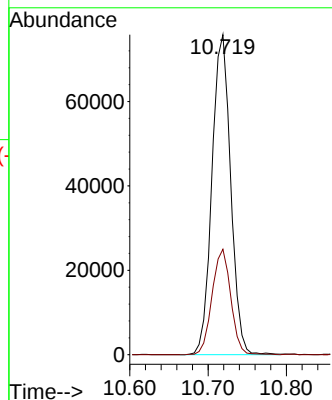
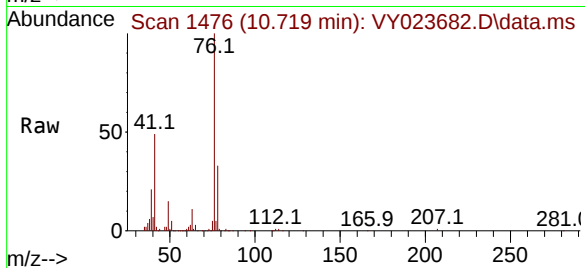
VY1105SBSD01

Tgt Ion: 76 Resp: 125805

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 97.102 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY023682.D

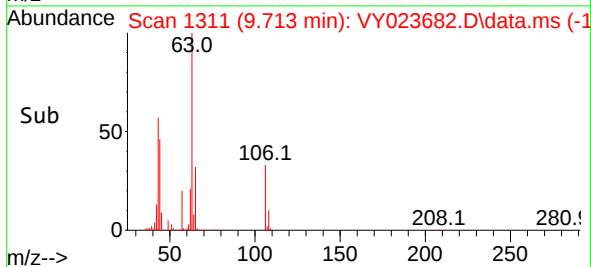
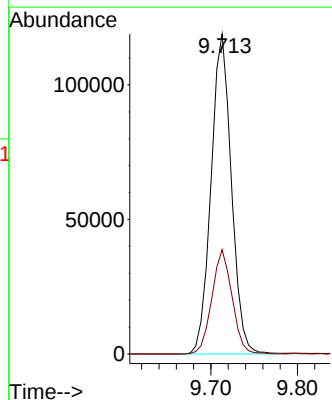
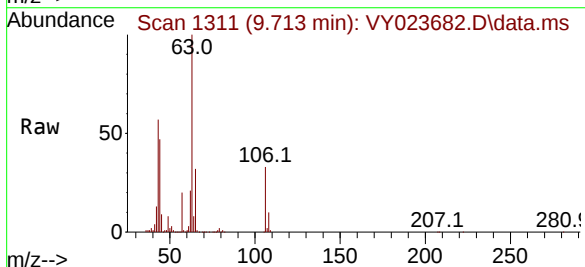
Acq: 05 Nov 2025 10:49

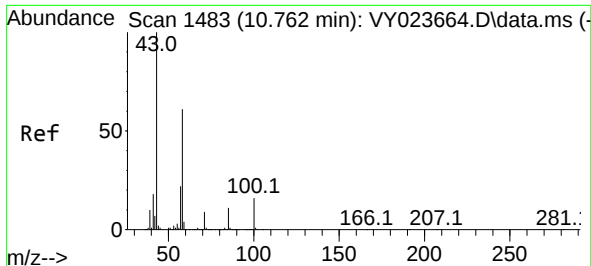
Tgt Ion: 63 Resp: 193847

Ion Ratio Lower Upper

63 100

106 32.4 26.2 39.2

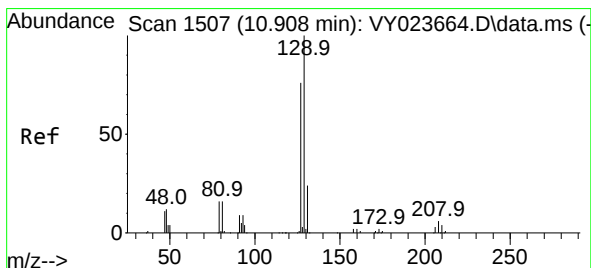
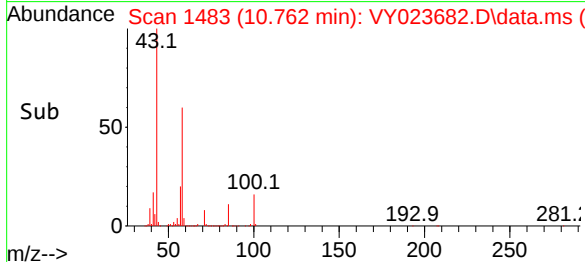
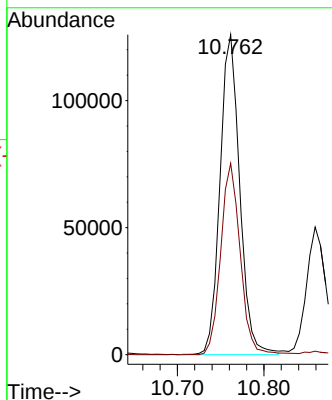
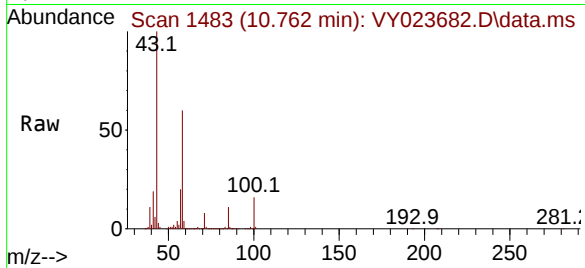




#59
2-Hexanone
Concen: 102.990 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

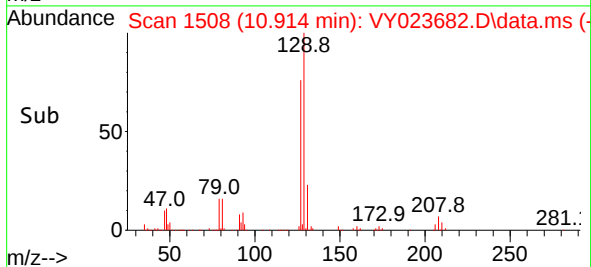
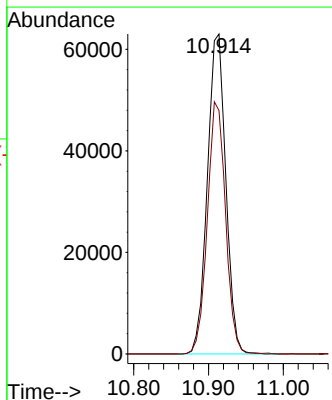
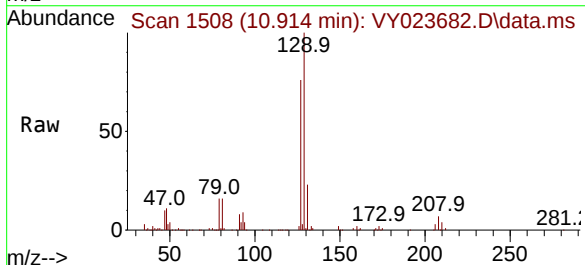
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

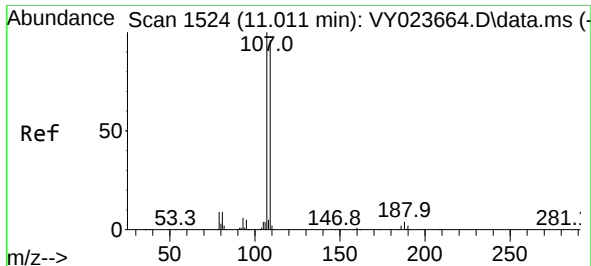
Tgt Ion: 43 Resp: 199230
Ion Ratio Lower Upper
43 100
58 59.1 30.2 90.6



#60
Dibromochloromethane
Concen: 19.908 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 129 Resp: 108005
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.2

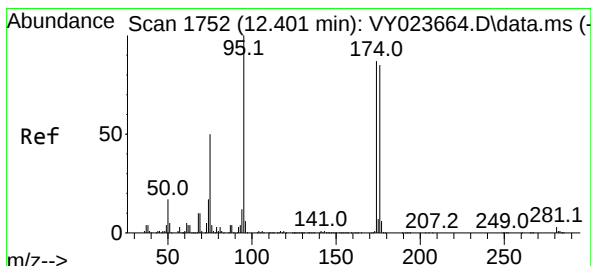
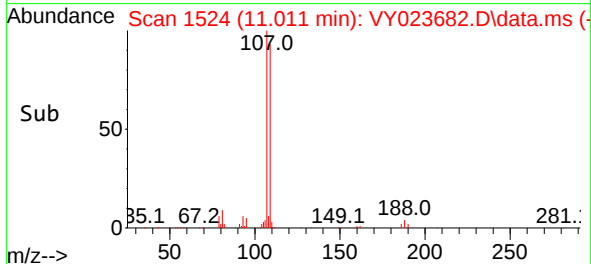
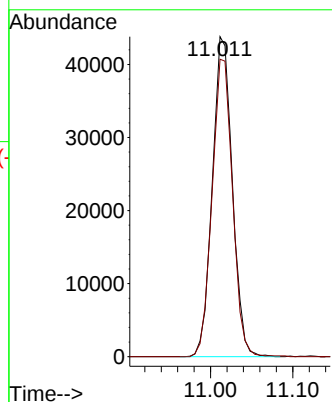
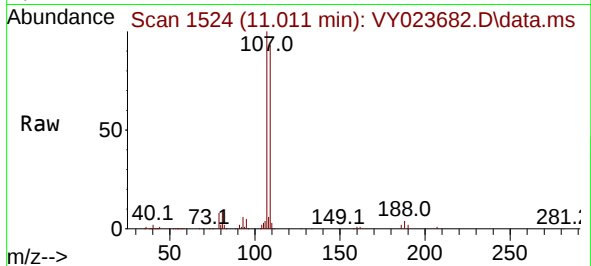




#61
1,2-Dibromoethane
Concen: 19.990 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

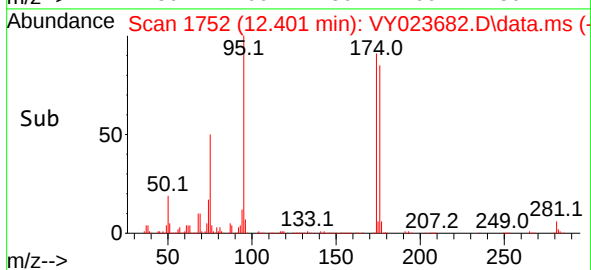
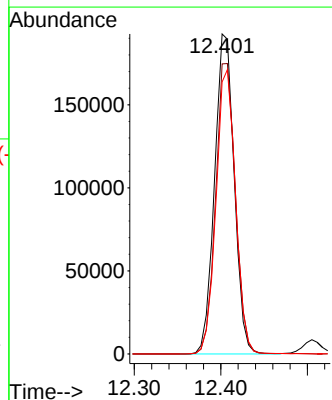
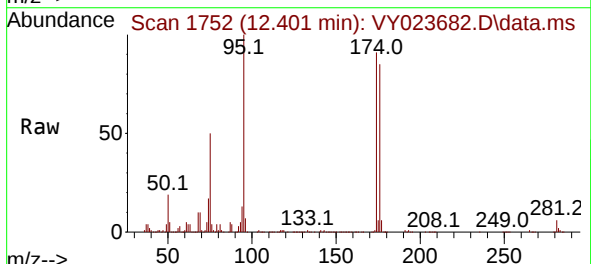
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

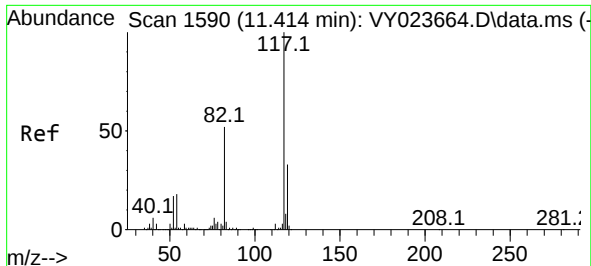
Tgt Ion:107 Resp: 74074
Ion Ratio Lower Upper
107 100
109 95.0 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 49.082 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 95 Resp: 303304
Ion Ratio Lower Upper
95 100
174 91.6 0.0 184.8
176 88.4 0.0 181.6

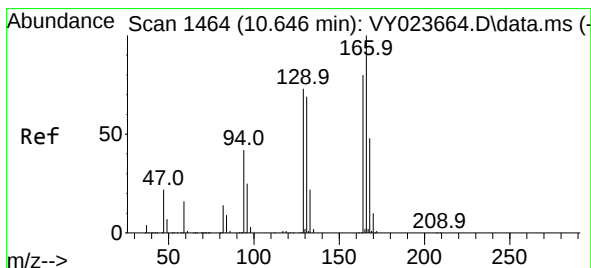
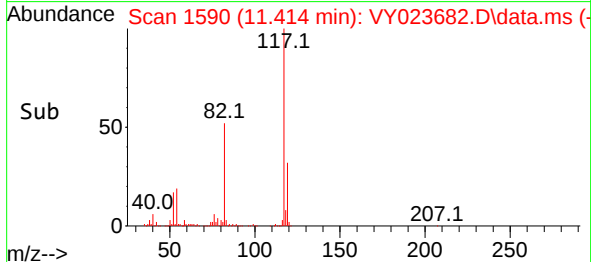
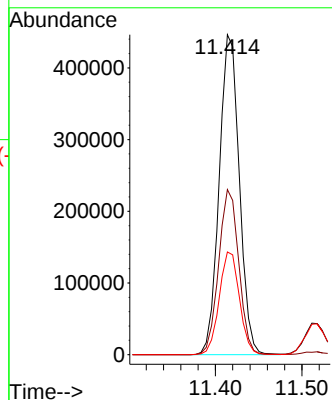
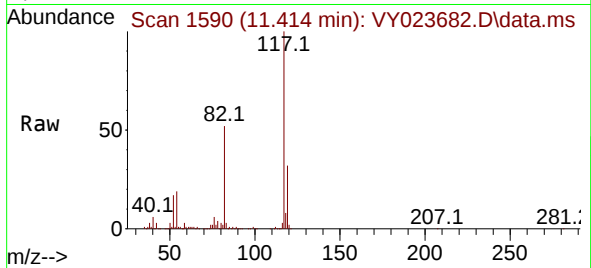




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

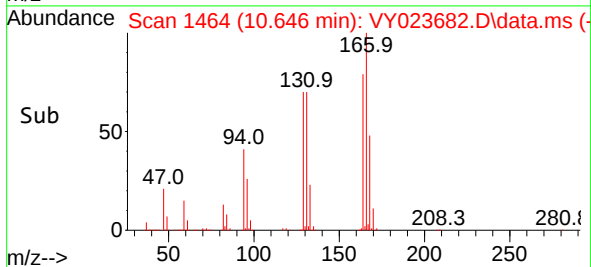
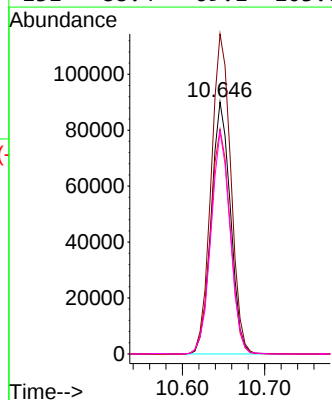
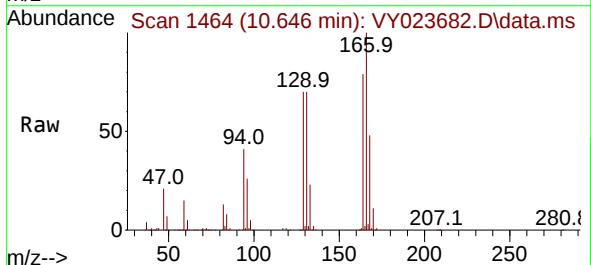
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

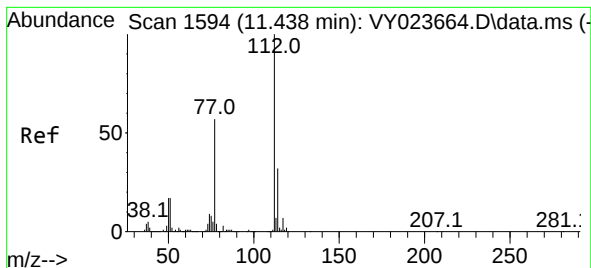
Tgt Ion:117 Resp: 720375
Ion Ratio Lower Upper
117 100
82 51.6 41.2 61.8
119 32.1 26.2 39.2



#64
Tetrachloroethene
Concen: 19.579 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion:164 Resp: 146804
Ion Ratio Lower Upper
164 100
166 127.0 99.5 149.3
129 89.1 72.3 108.5
131 88.4 69.1 103.7

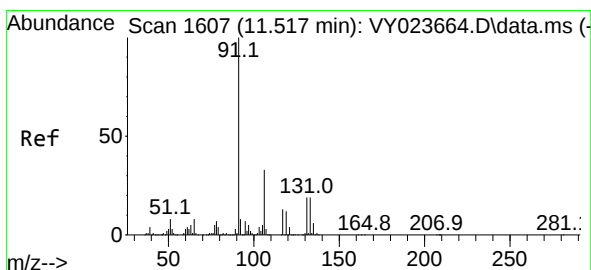
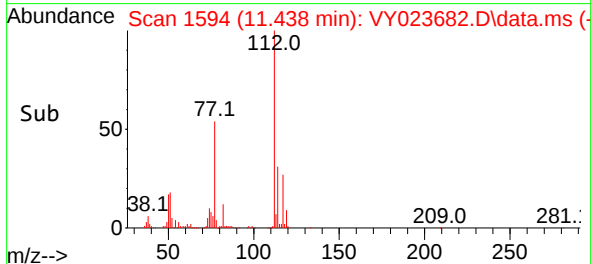
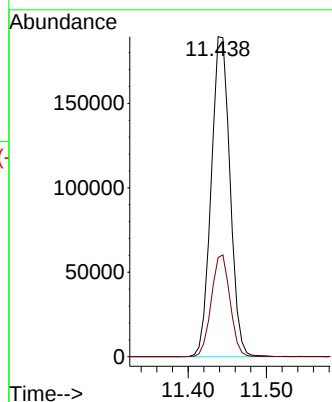
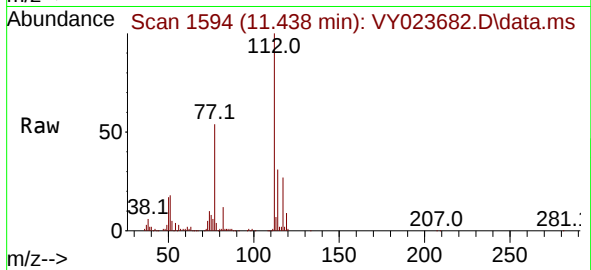




#65
Chlorobenzene
Concen: 20.152 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

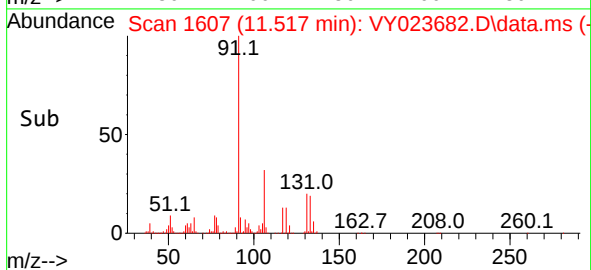
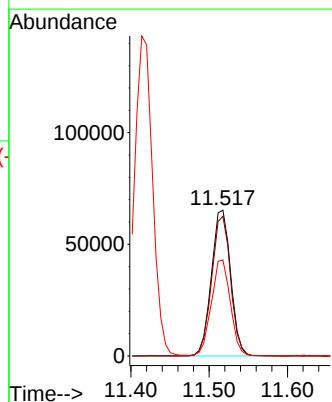
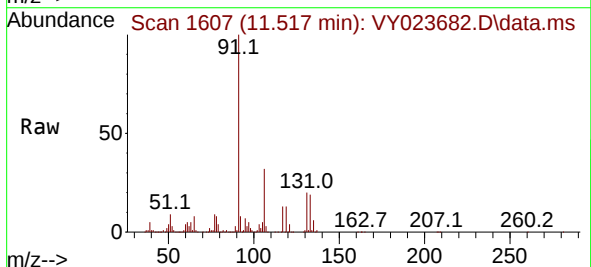
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

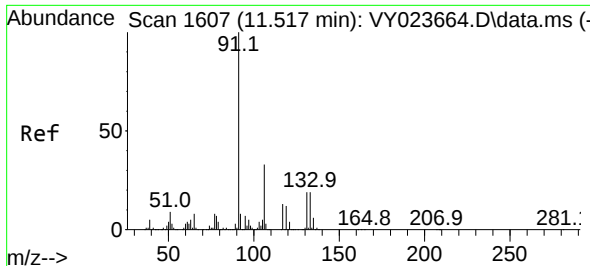
Tgt Ion:112 Resp: 316034
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.062 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion:131 Resp: 111252
Ion Ratio Lower Upper
131 100
133 94.7 47.3 141.8
119 65.0 32.5 97.4

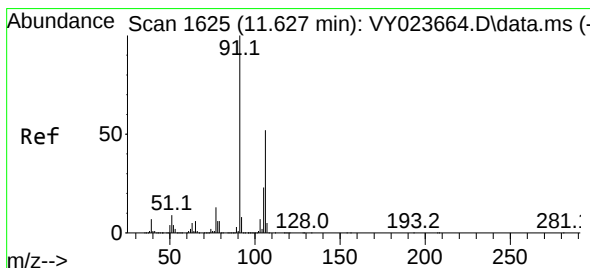
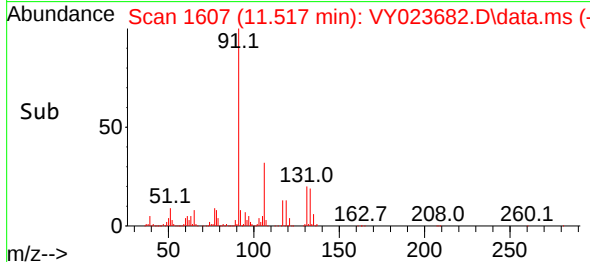
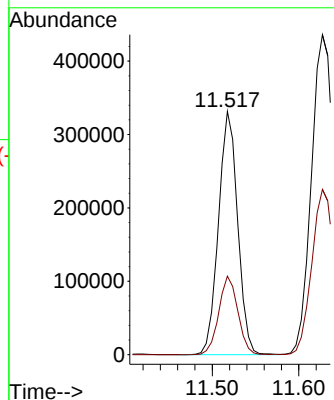
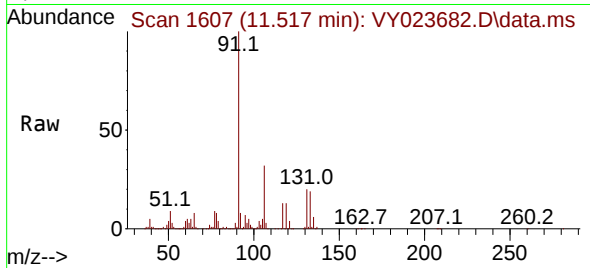




#67
Ethyl Benzene
Concen: 20.078 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

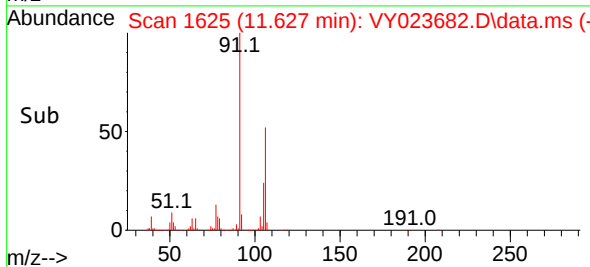
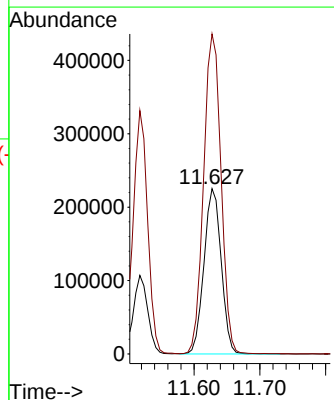
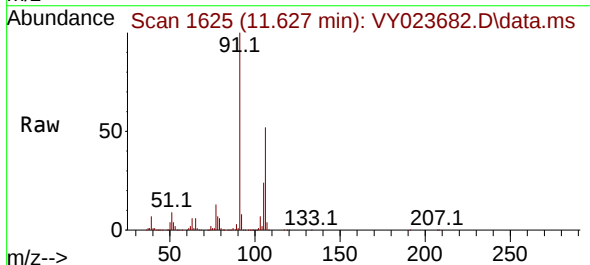
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

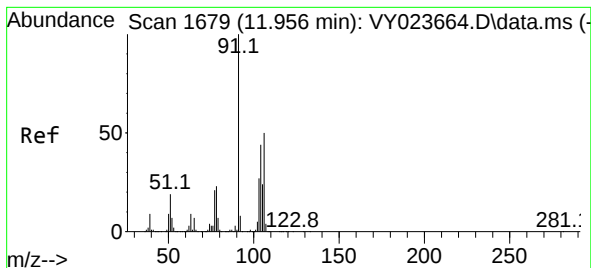
Tgt Ion: 91 Resp: 509610
Ion Ratio Lower Upper
91 100
106 32.3 26.6 40.0



#68
m/p-Xylenes
Concen: 40.400 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 106 Resp: 409695
Ion Ratio Lower Upper
106 100
91 195.6 154.3 231.5

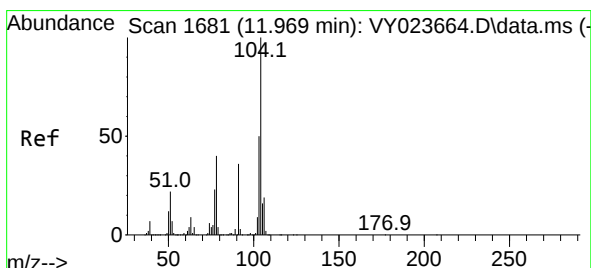
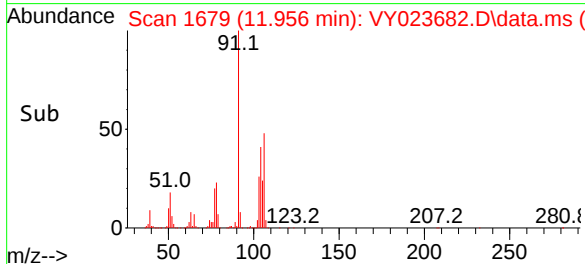
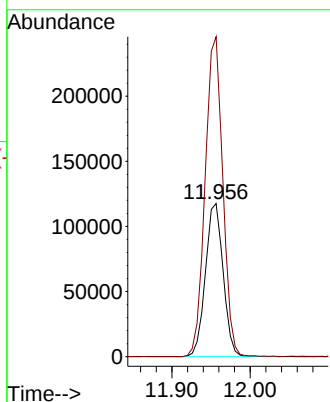
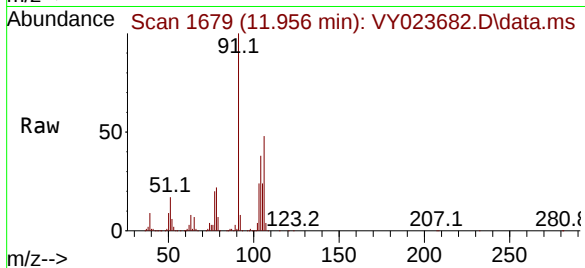




#69
o-Xylene
Concen: 19.684 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

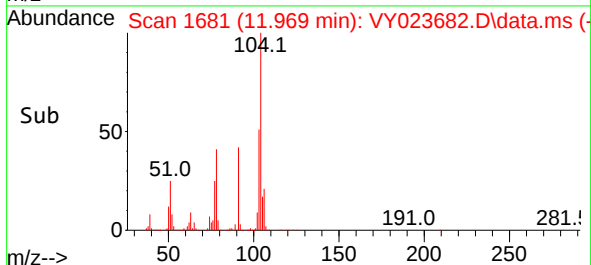
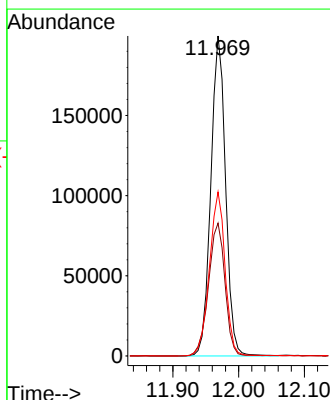
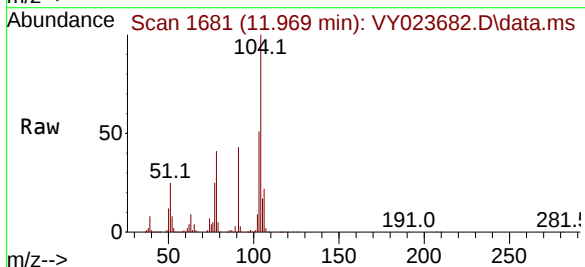
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

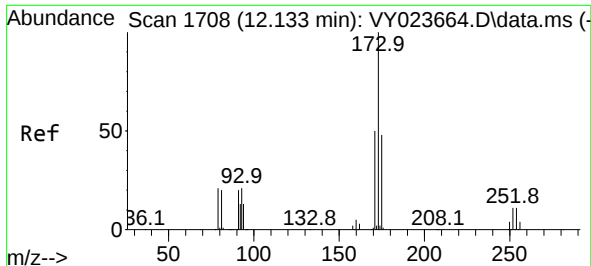
Tgt Ion:106 Resp: 184520
Ion Ratio Lower Upper
106 100
91 208.2 101.6 304.6



#70
Styrene
Concen: 20.166 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion:104 Resp: 311907
Ion Ratio Lower Upper
104 100
78 46.3 36.5 54.7
103 54.7 43.7 65.5

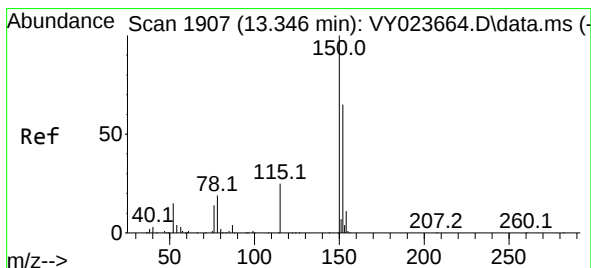
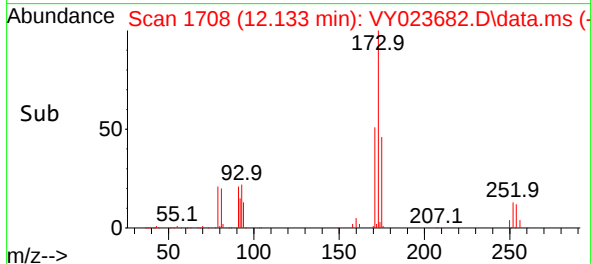
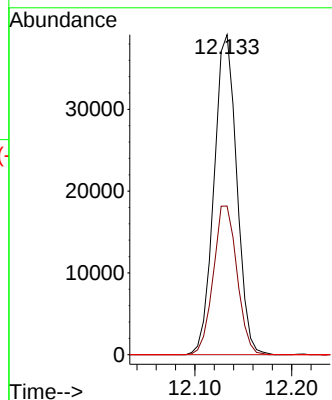
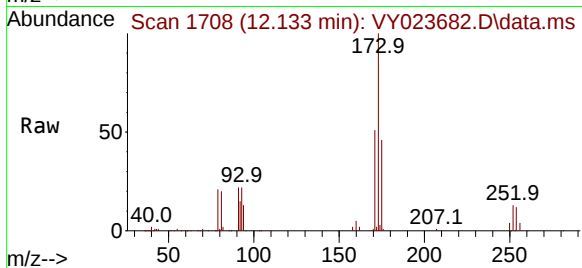




#71
Bromoform
Concen: 19.672 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

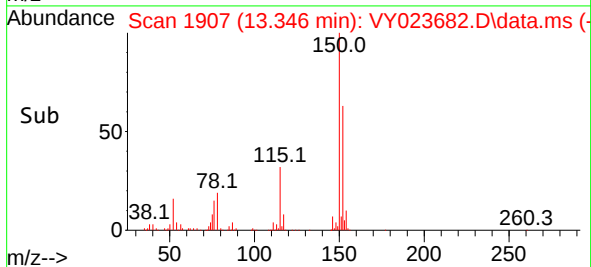
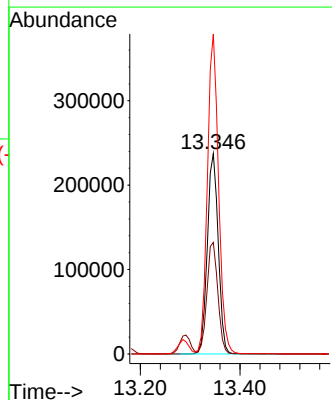
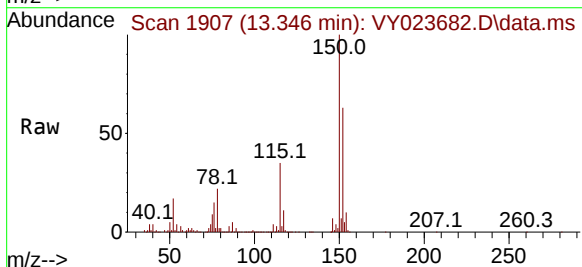
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBS01

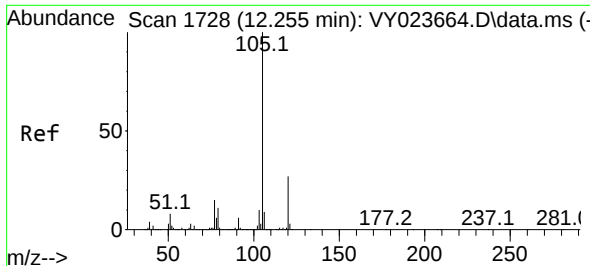
Tgt Ion:173 Resp: 63715
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion:152 Resp: 360108
Ion Ratio Lower Upper
152 100
115 55.6 27.5 82.5
150 163.1 0.0 349.0

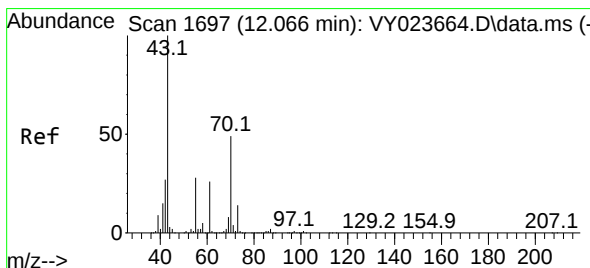
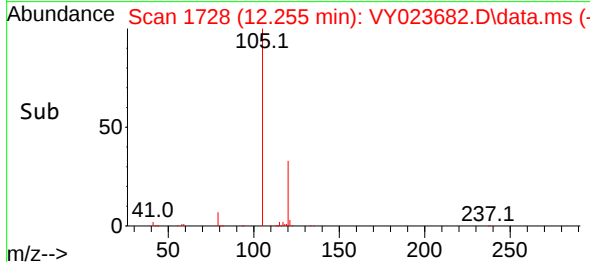
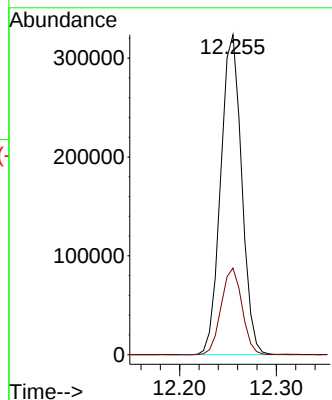
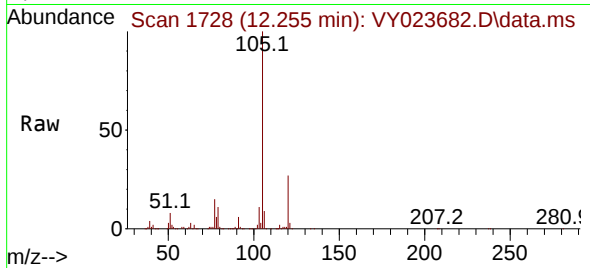




#73
Isopropylbenzene
Concen: 20.232 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

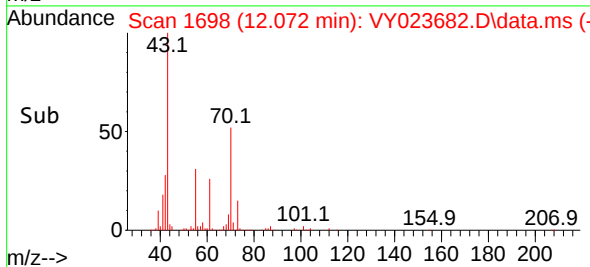
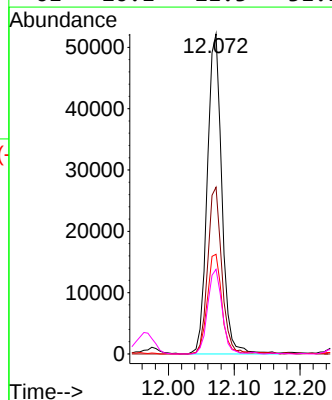
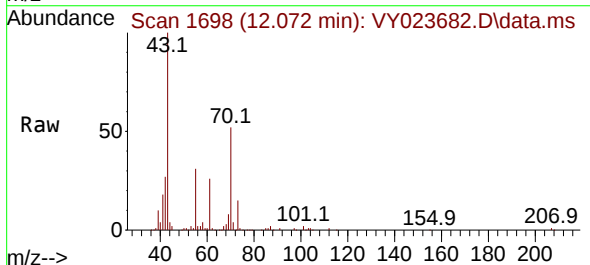
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

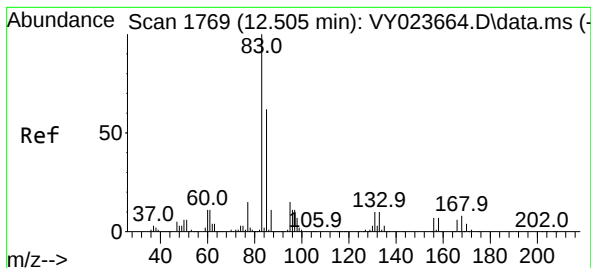
Tgt Ion:105 Resp: 487278
Ion Ratio Lower Upper
105 100
120 26.8 13.6 40.7



#74
N-ethyl acetate
Concen: 19.739 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 43 Resp: 80489
Ion Ratio Lower Upper
43 100
70 50.8 40.1 60.1
55 31.2 23.0 34.6
61 26.1 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.095 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

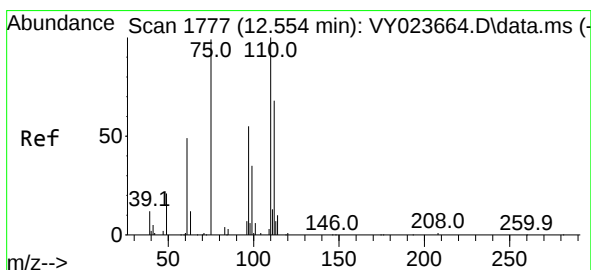
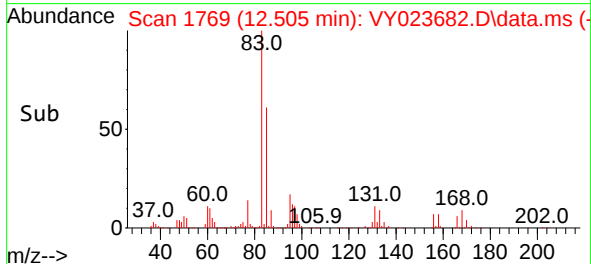
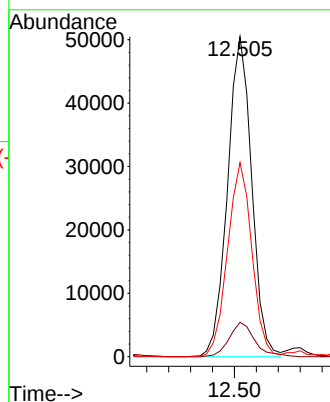
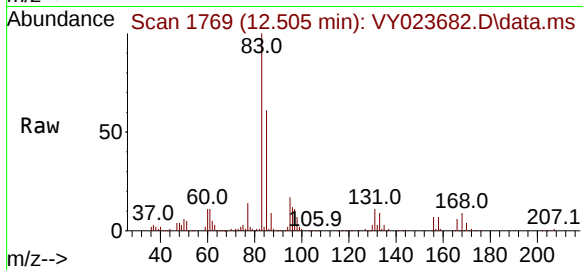
Tgt Ion: 83 Resp: 77297

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.0

85 61.0 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 36.004 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.000 min

Lab File: VY023682.D

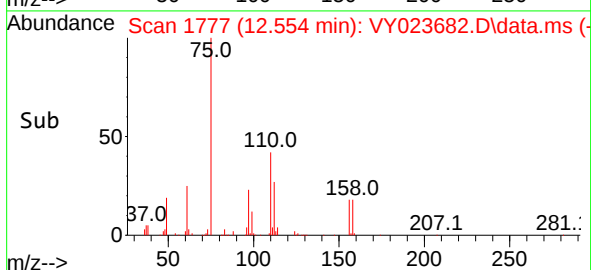
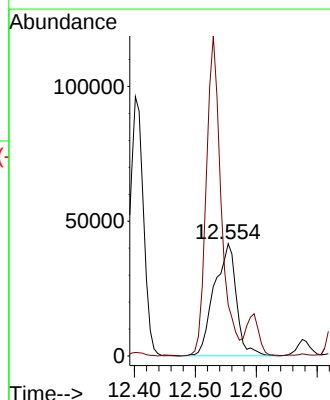
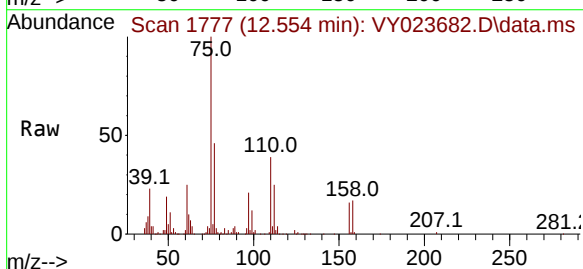
Acq: 05 Nov 2025 10:49

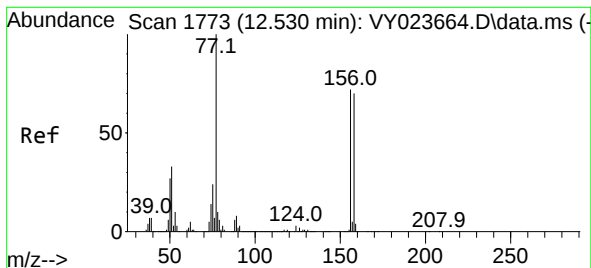
Tgt Ion: 75 Resp: 104931

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.108 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBSD01

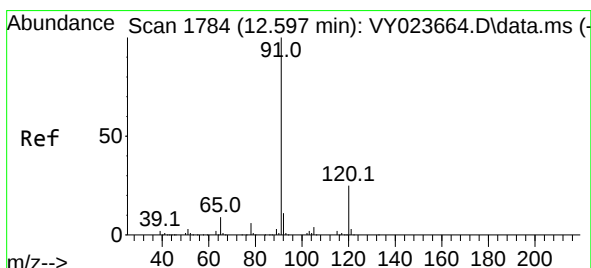
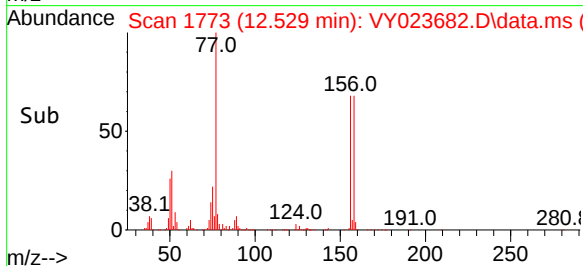
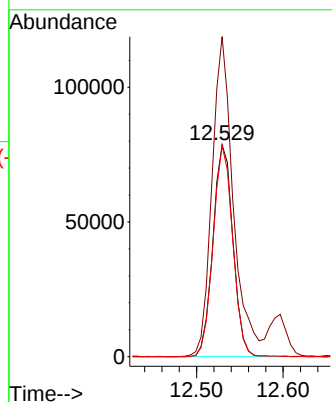
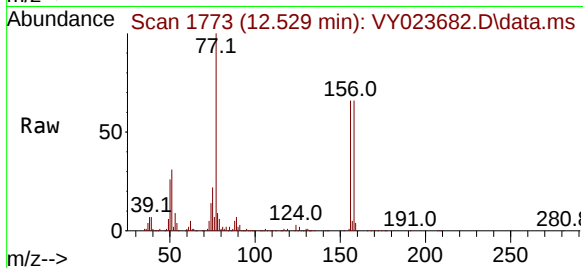
Tgt Ion:156 Resp: 125620

Ion Ratio Lower Upper

156 100

77 160.7 77.9 233.7

158 97.9 48.5 145.5



#78

n-propylbenzene

Concen: 20.462 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY023682.D

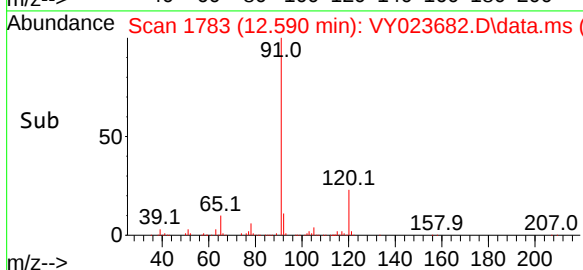
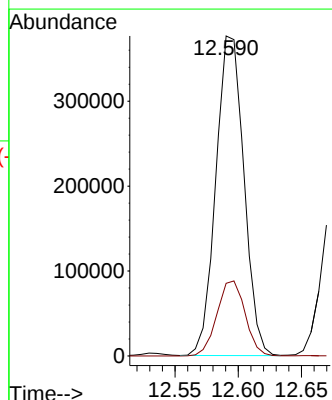
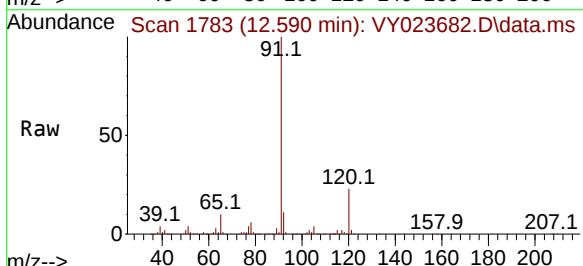
Acq: 05 Nov 2025 10:49

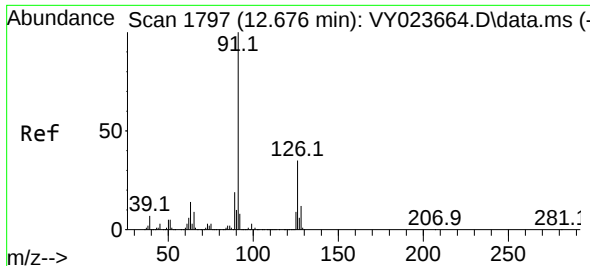
Tgt Ion: 91 Resp: 579674

Ion Ratio Lower Upper

91 100

120 23.6 12.0 36.1

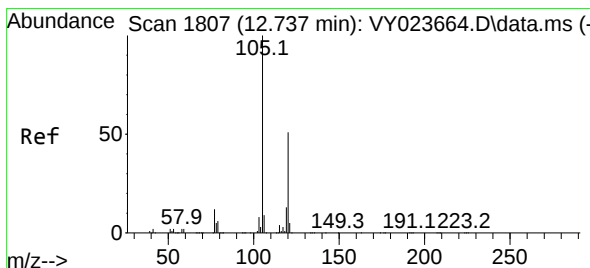
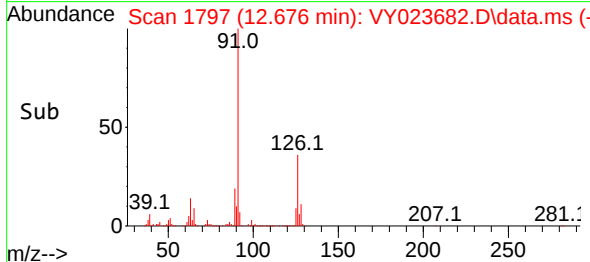
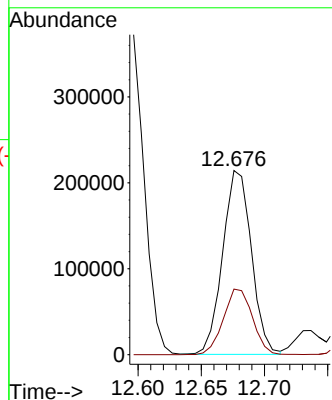
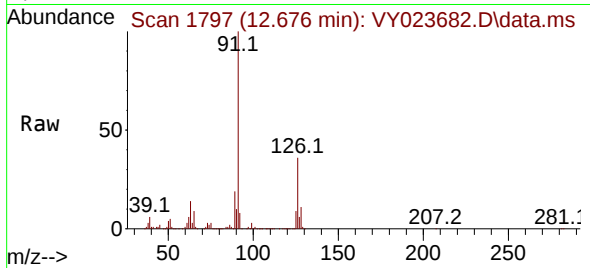




#79
2-Chlorotoluene
Concen: 20.578 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

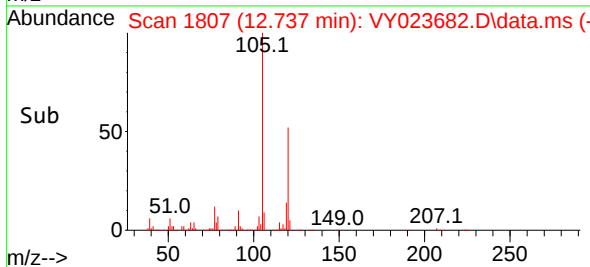
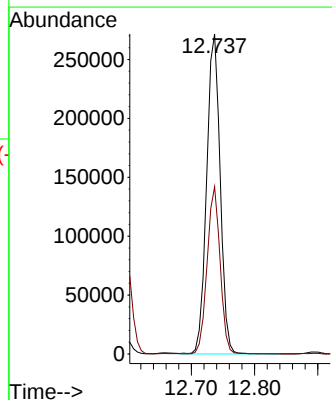
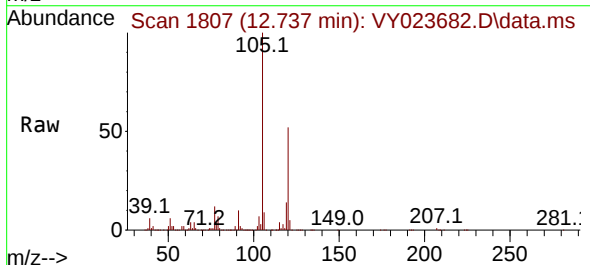
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

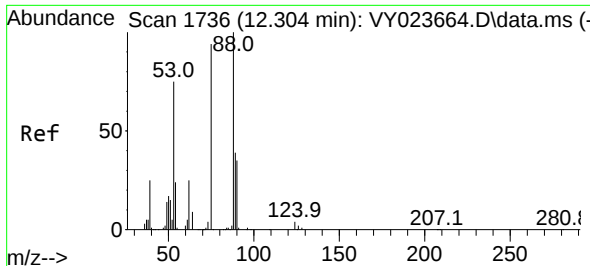
Tgt Ion: 91 Resp: 338292
Ion Ratio Lower Upper
91 100
126 36.2 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 20.645 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 105 Resp: 403987
Ion Ratio Lower Upper
105 100
120 50.3 25.4 76.2

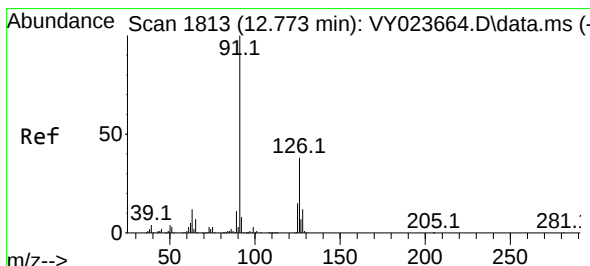
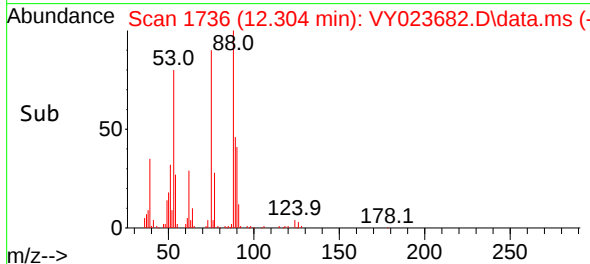
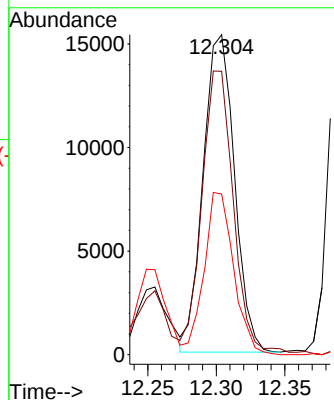
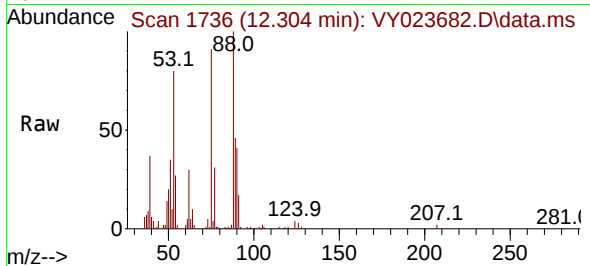




#81
trans-1,4-Dichloro-2-butene
Concen: 18.861 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

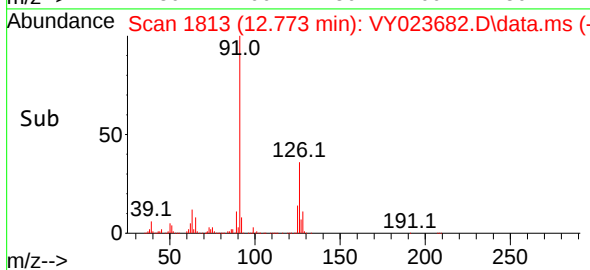
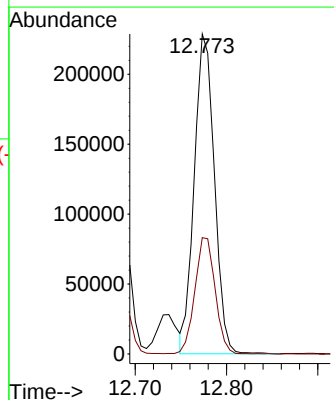
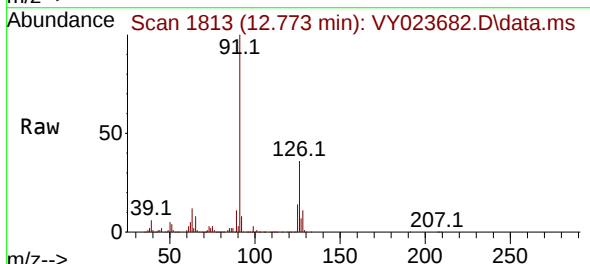
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

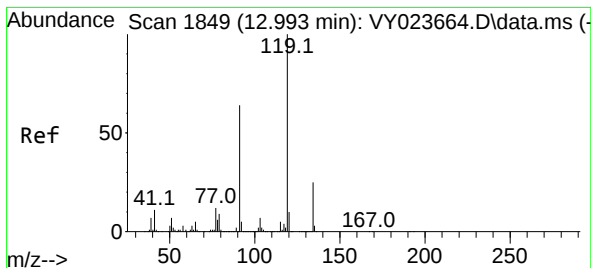
Tgt Ion: 75 Resp: 24323
Ion Ratio Lower Upper
75 100
53 90.6 69.6 104.4
89 48.5 38.2 57.4



#82
4-Chlorotoluene
Concen: 20.670 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 91 Resp: 350443
Ion Ratio Lower Upper
91 100
126 36.7 18.1 54.4





#83

tert-Butylbenzene

Concen: 20.077 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBSD01

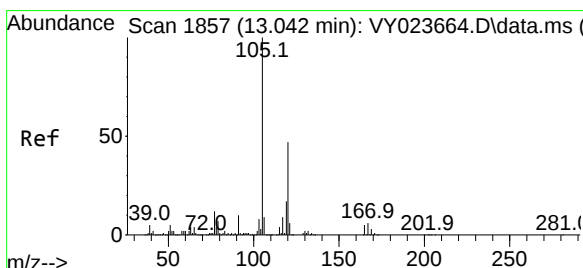
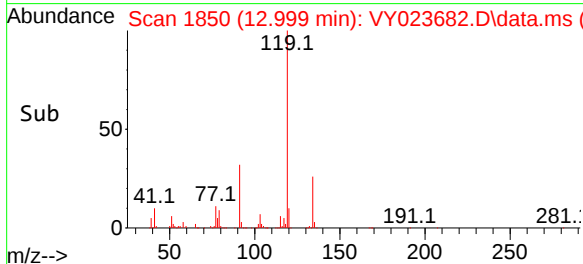
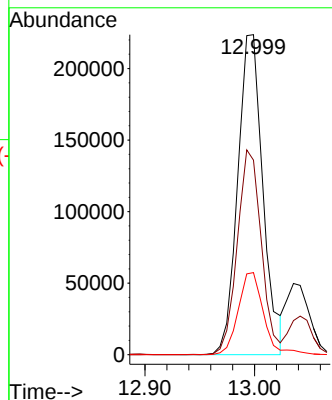
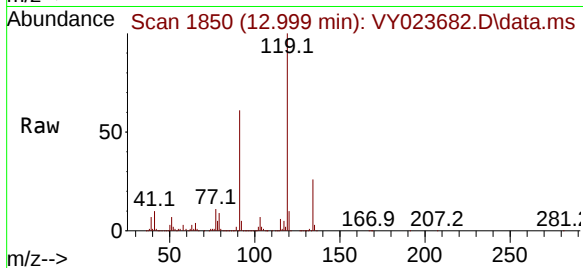
Tgt Ion:119 Resp: 357830

Ion Ratio Lower Upper

119 100

91 61.1 30.7 92.1

134 25.9 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 20.843 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY023682.D

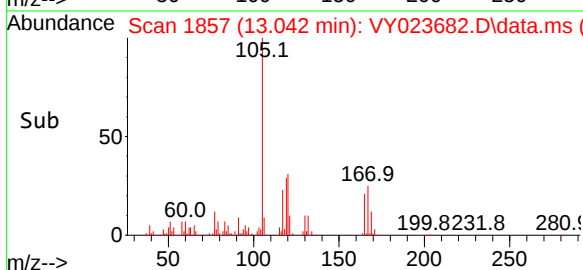
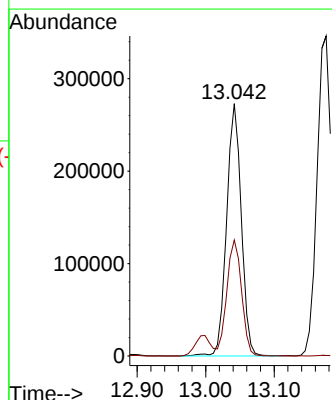
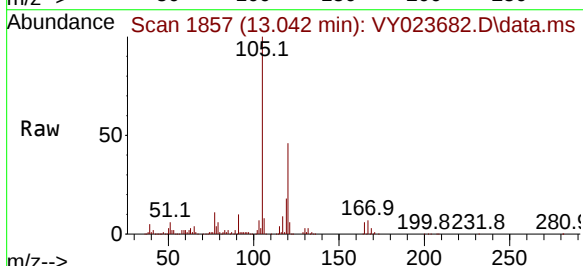
Acq: 05 Nov 2025 10:49

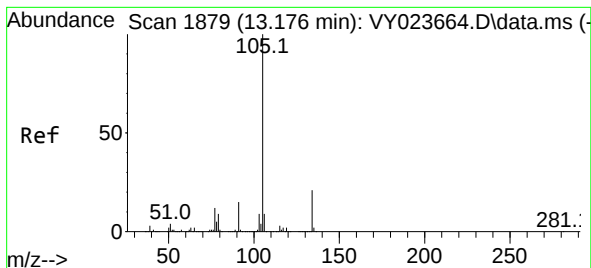
Tgt Ion:105 Resp: 403970

Ion Ratio Lower Upper

105 100

120 45.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.253 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

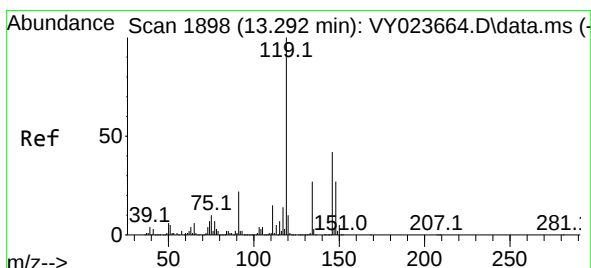
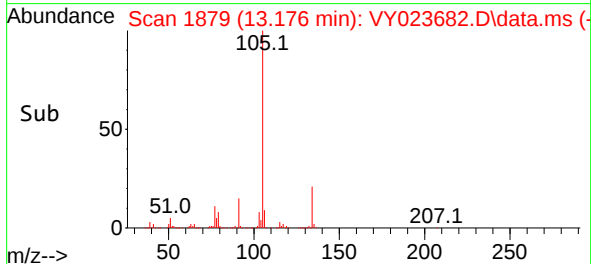
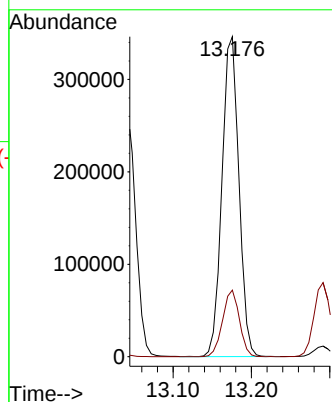
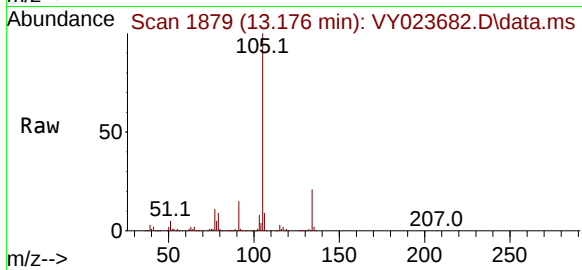
VY1105SBSD01

Tgt Ion:105 Resp: 520622

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.4



#86

p-Isopropyltoluene

Concen: 20.199 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

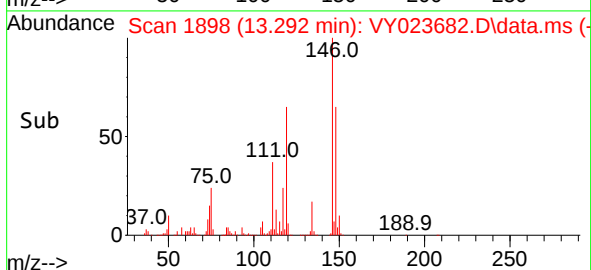
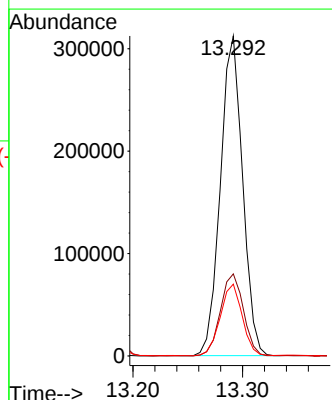
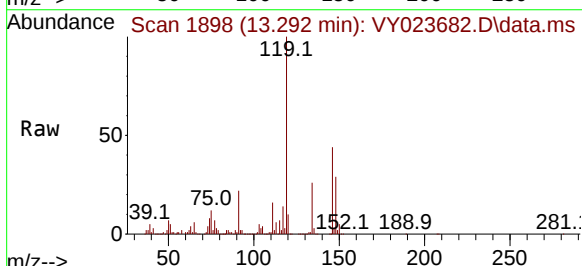
Tgt Ion:119 Resp: 439555

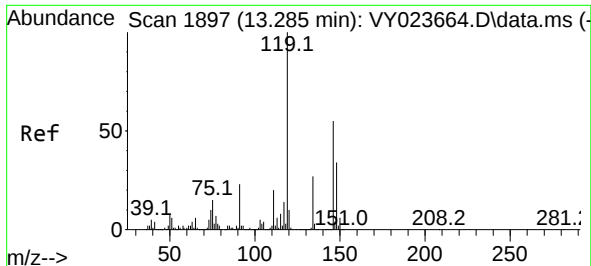
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

91 22.1 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 19.801 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBSD01

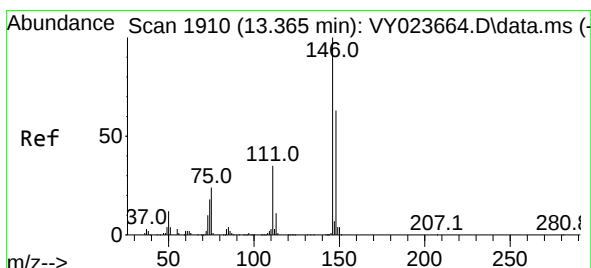
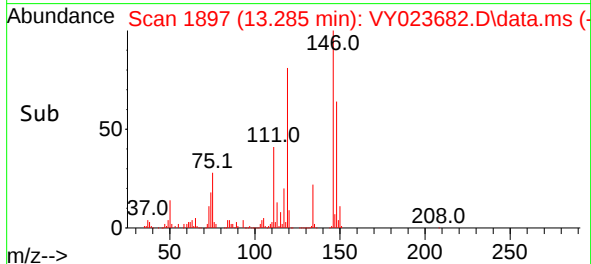
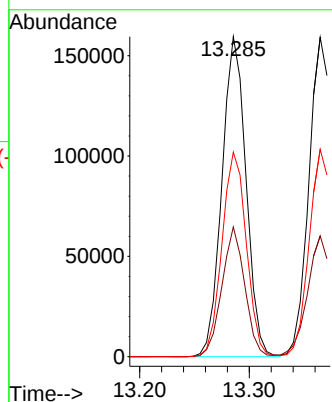
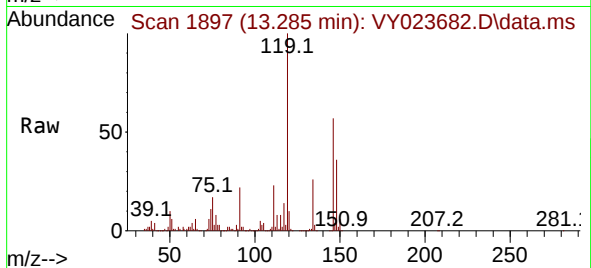
Tgt Ion:146 Resp: 243474

Ion Ratio Lower Upper

146 100

111 38.4 18.8 56.3

148 64.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.098 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

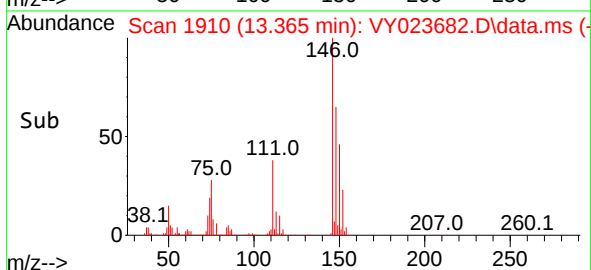
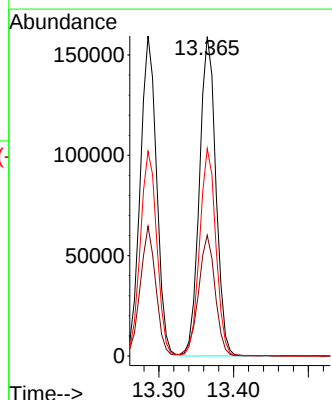
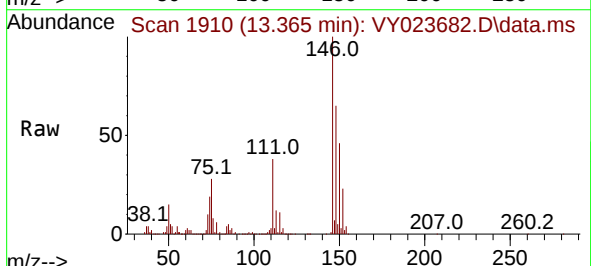
Tgt Ion:146 Resp: 242760

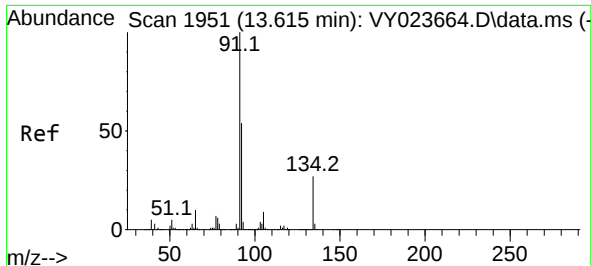
Ion Ratio Lower Upper

146 100

111 38.3 18.3 54.8

148 64.2 31.8 95.3

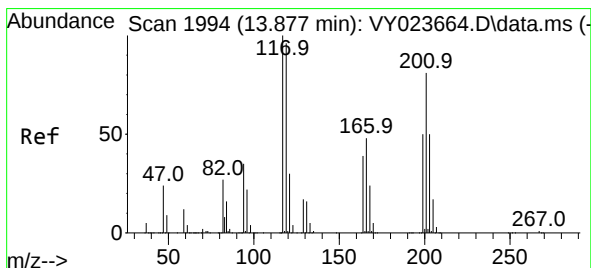
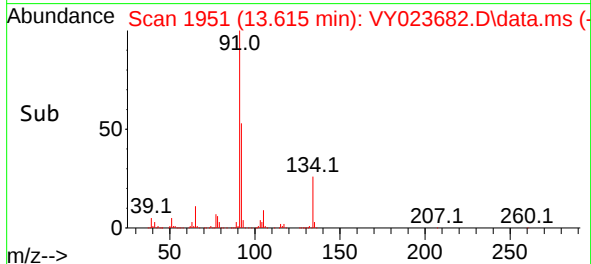
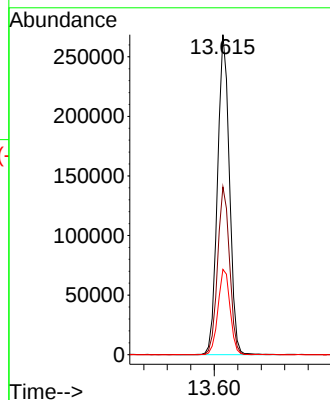
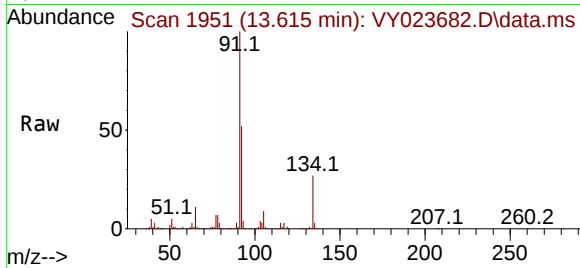




#89
n-Butylbenzene
Concen: 19.931 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

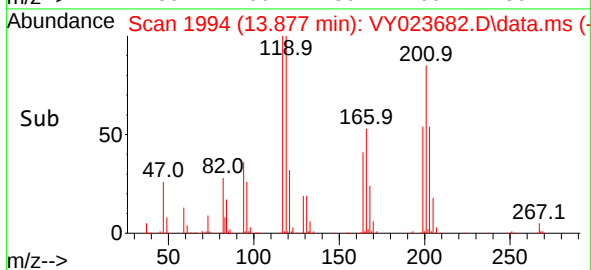
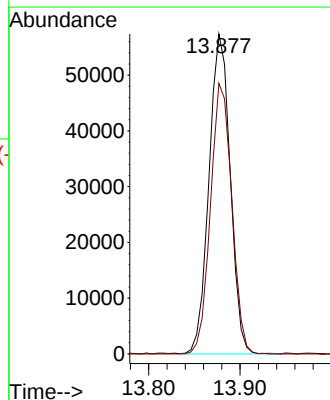
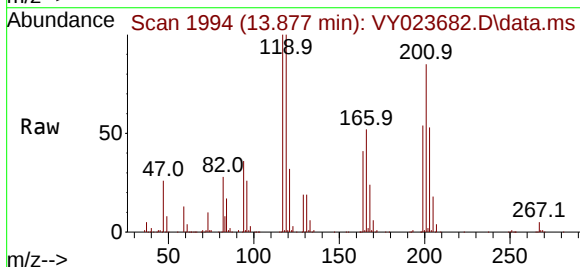
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

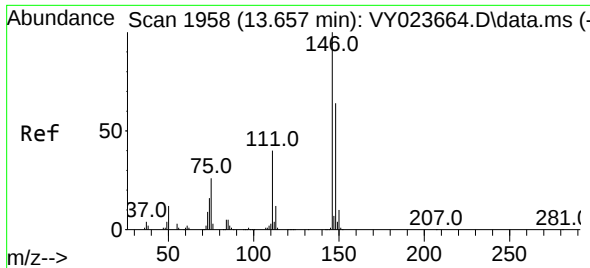
Tgt Ion: 91 Resp: 377158
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.4
134 27.0 13.7 41.1



#90
Hexachloroethane
Concen: 19.763 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 117 Resp: 92420
Ion Ratio Lower Upper
117 100
201 84.9 42.3 126.8

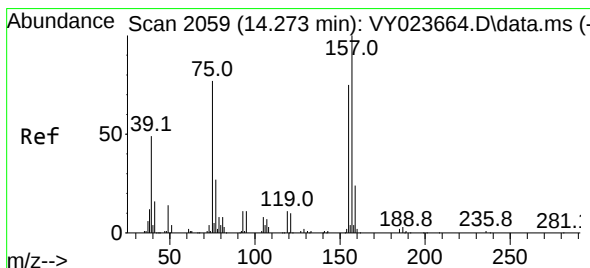
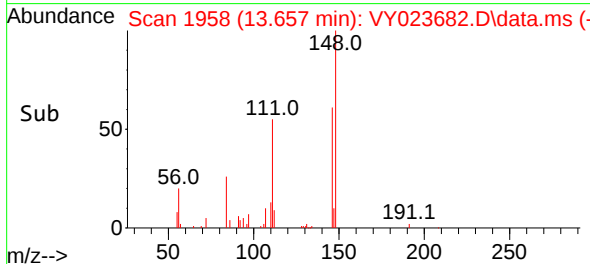
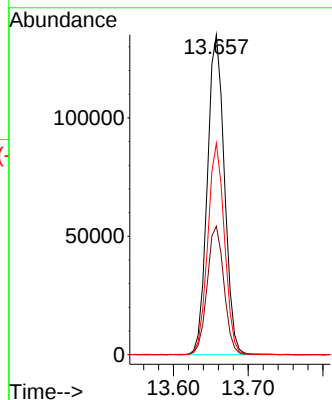
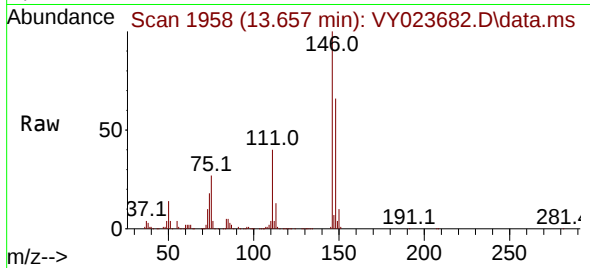




#91
1,2-Dichlorobenzene
Concen: 20.177 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

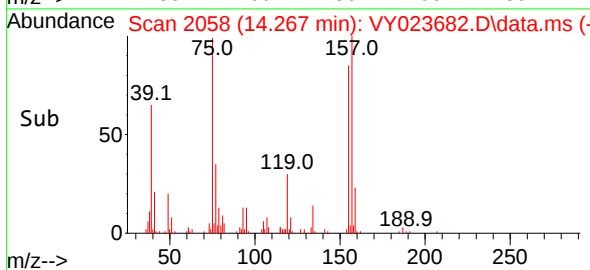
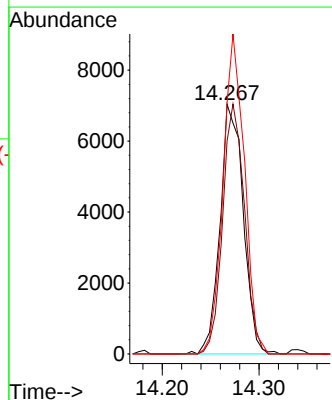
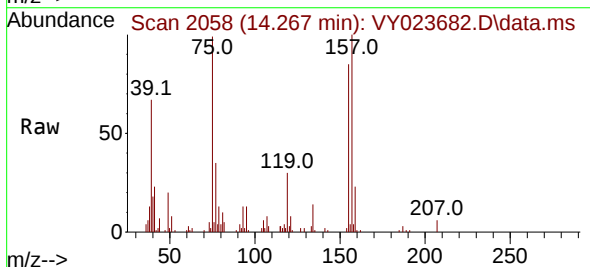
Instrument :
MSVOA_Y
ClientSampleId :
VY1105SBSD01

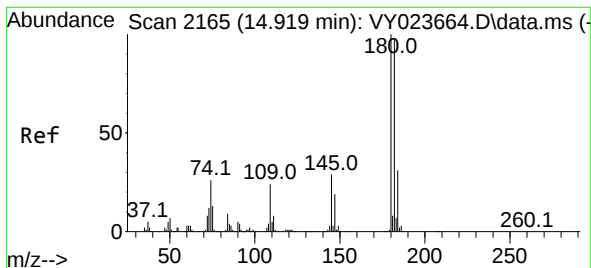
Tgt Ion:146 Resp: 213805
Ion Ratio Lower Upper
146 100
111 39.6 19.5 58.5
148 64.8 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.785 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY023682.D
Acq: 05 Nov 2025 10:49

Tgt Ion: 75 Resp: 11718
Ion Ratio Lower Upper
75 100
155 94.2 49.4 148.2
157 117.5 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 19.790 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBSD01

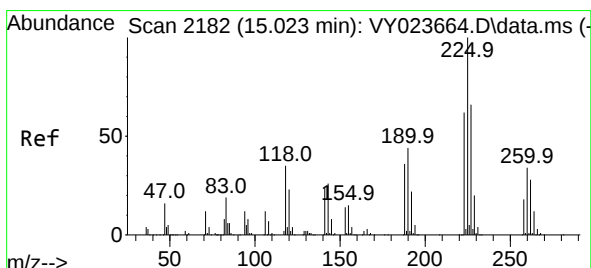
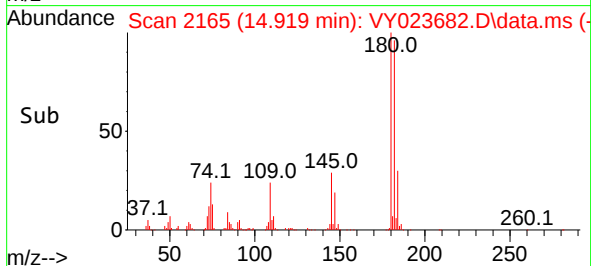
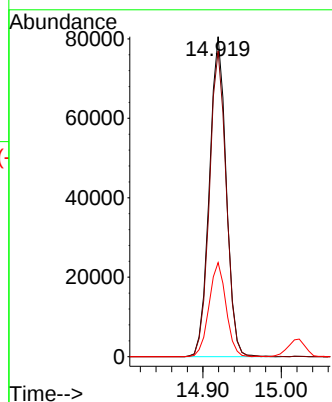
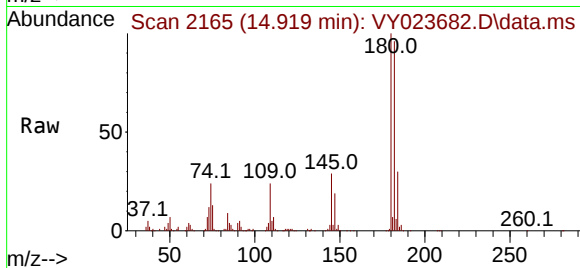
Tgt Ion:180 Resp: 119951

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.6

145 29.6 14.4 43.4



#94

Hexachlorobutadiene

Concen: 19.838 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

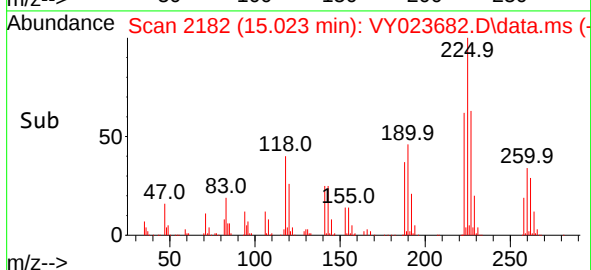
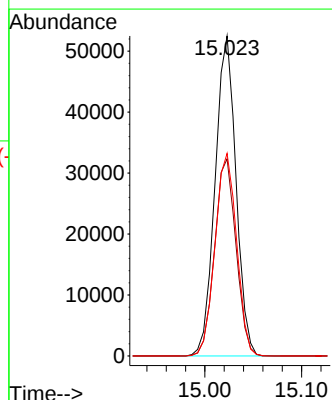
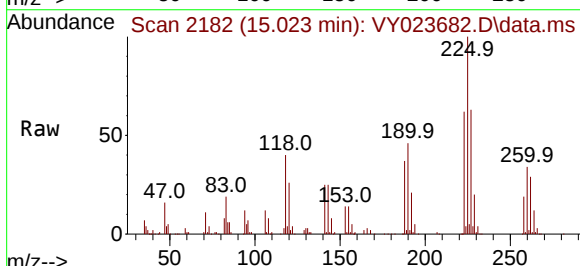
Tgt Ion:225 Resp: 78785

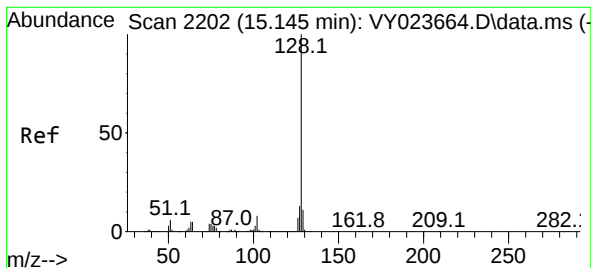
Ion Ratio Lower Upper

225 100

223 63.0 30.8 92.3

227 65.3 32.0 96.2





#95

Naphthalene

Concen: 19.918 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

Instrument :

MSVOA_Y

ClientSampleId :

VY1105SBS01

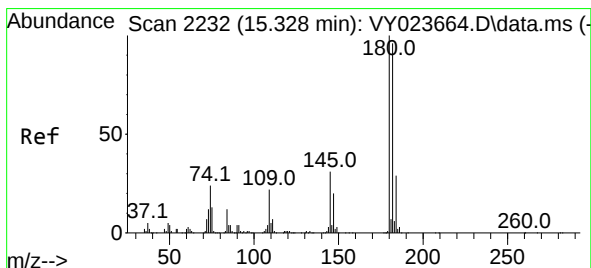
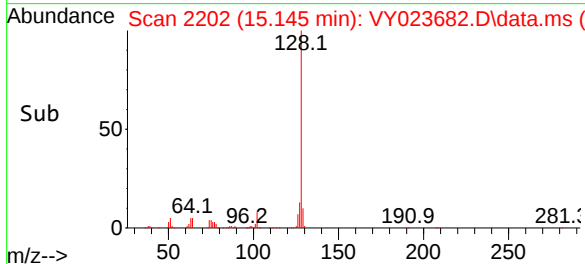
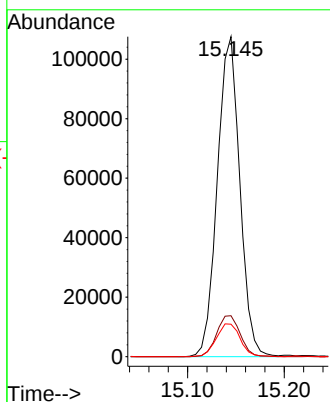
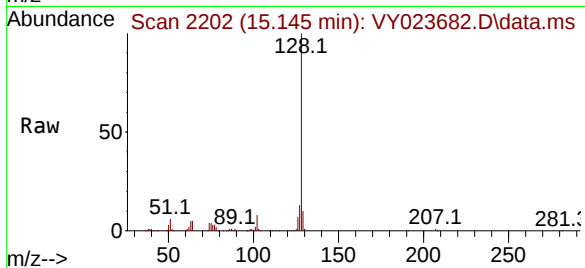
Tgt Ion:128 Resp: 173573

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.464 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023682.D

Acq: 05 Nov 2025 10:49

Tgt Ion:180 Resp: 103634

Ion Ratio Lower Upper

180 100

182 93.6 47.5 142.6

145 30.3 15.5 46.5

