

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022262.D
 Acq On : 15 May 2025 14:07
 Operator : SY/MD
 Sample : VY0515SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBS01

Quant Time: May 16 01:54:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	240556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	405751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	344872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	163448	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	134549	51.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.360%	
35) Dibromofluoromethane	7.634	113	123849	51.140	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.280%	
50) Toluene-d8	10.103	98	508643	51.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.560%	
62) 4-Bromofluorobenzene	12.408	95	157889	50.222	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.440%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	55866	22.256	ug/l	96
3) Chloromethane	2.062	50	128835	24.400	ug/l	99
4) Vinyl Chloride	2.202	62	138947	23.553	ug/l	97
5) Bromomethane	2.592	94	119304	24.843	ug/l	100
6) Chloroethane	2.732	64	83509	22.754	ug/l	98
7) Trichlorofluoromethane	3.050	101	136929	22.926	ug/l	97
8) Diethyl Ether	3.452	74	29041	20.261	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	54846	21.152	ug/l	99
10) Methyl Iodide	4.001	142	55406	18.462	ug/l	98
11) Tert butyl alcohol	4.872	59	20159	100.411	ug/l #	100
12) 1,1-Dichloroethene	3.781	96	54958	21.358	ug/l	99
13) Acrolein	3.653	56	29036	98.931	ug/l	96
14) Allyl chloride	4.379	41	93389	20.699	ug/l	97
15) Acrylonitrile	5.055	53	60103	101.763	ug/l	99
16) Acetone	3.873	43	49514	100.441	ug/l	99
17) Carbon Disulfide	4.104	76	179245	21.362	ug/l	99
18) Methyl Acetate	4.385	43	29743	19.136	ug/l	96
19) Methyl tert-butyl Ether	5.110	73	144494	20.366	ug/l	99
20) Methylene Chloride	4.616	84	67724	21.261	ug/l	91
21) trans-1,2-Dichloroethene	5.110	96	58315	20.532	ug/l	96
22) Diisopropyl ether	6.018	45	196421	20.615	ug/l	100
23) Vinyl Acetate	5.958	43	578998	100.588	ug/l	99
24) 1,1-Dichloroethane	5.915	63	110449	20.749	ug/l	97
25) 2-Butanone	6.896	43	81164	98.430	ug/l	97
26) 2,2-Dichloropropane	6.884	77	98935	20.897	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	68417	20.875	ug/l	99
28) Bromochloromethane	7.244	49	47380	20.868	ug/l	100
29) Tetrahydrofuran	7.262	42	54316	102.386	ug/l	99
30) Chloroform	7.421	83	108086	21.169	ug/l	95
31) Cyclohexane	7.701	56	111819	21.025	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	98630	21.056	ug/l	98
36) 1,1-Dichloropropene	7.835	75	81482	20.427	ug/l	99
37) Ethyl Acetate	6.988	43	38460	20.039	ug/l	98
38) Carbon Tetrachloride	7.817	117	84041	20.354	ug/l	95
39) Methylcyclohexane	9.109	83	112902	21.067	ug/l	99
40) Benzene	8.079	78	245775	20.784	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	19185	15.069	ug/l #	74
42) 1,2-Dichloroethane	8.158	62	65234	20.399	ug/l	100
43) Isopropyl Acetate	8.195	43	82723	19.763	ug/l #	88
44) Trichloroethene	8.866	130	60548	20.593	ug/l	100
45) 1,2-Dichloropropane	9.140	63	58205	20.416	ug/l	96
46) Dibromomethane	9.231	93	31296	20.353	ug/l	99
47) Bromodichloromethane	9.420	83	83066	20.823	ug/l	99
48) Methyl methacrylate	9.219	41	38763	19.803	ug/l	98
49) 1,4-Dioxane	9.231	88	6813	392.199	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	201472	98.097	ug/l	99
52) Toluene	10.170	92	150777	20.135	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	77444	19.893	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	91983	20.623	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	39755	20.190	ug/l	98
56) Ethyl methacrylate	10.438	69	60445	19.707	ug/l	99
57) 1,3-Dichloropropane	10.713	76	70964	20.284	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	124088	90.134	ug/l	100
59) 2-Hexanone	10.762	43	132798	96.437	ug/l	98
60) Dibromochloromethane	10.908	129	52808	20.662	ug/l	98
61) 1,2-Dibromoethane	11.012	107	36868	20.089	ug/l	100
64) Tetrachloroethene	10.646	164	63391	19.886	ug/l	98
65) Chlorobenzene	11.438	112	157927	20.297	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	52751	19.721	ug/l	99
67) Ethyl Benzene	11.518	91	292819	20.095	ug/l	98
68) m/p-Xylenes	11.627	106	218261	39.750	ug/l	99
69) o-Xylene	11.950	106	103620	19.946	ug/l	99
70) Styrene	11.969	104	173798	19.833	ug/l	99
71) Bromoform	12.127	173	28611	19.817	ug/l #	99
73) Isopropylbenzene	12.255	105	272938	20.157	ug/l	100
74) N-amyl acetate	12.066	43	75451	19.483	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	41948	20.143	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	61352	37.051	ug/l #	100
77) Bromobenzene	12.530	156	56683	19.600	ug/l	96
78) n-propylbenzene	12.590	91	336430	20.598	ug/l	99
79) 2-Chlorotoluene	12.676	91	177870	19.817	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	217065	19.858	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	15228	18.629	ug/l	99
82) 4-Chlorotoluene	12.779	91	184041	19.935	ug/l	100
83) tert-Butylbenzene	12.993	119	197455	20.324	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	216888	19.988	ug/l	99
85) sec-Butylbenzene	13.176	105	292767	20.300	ug/l	99
86) p-Isopropyltoluene	13.292	119	241434	19.905	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	115782	19.611	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	113146	19.924	ug/l	100
89) n-Butylbenzene	13.615	91	233741	20.370	ug/l	99
90) Hexachloroethane	13.877	117	49361	20.160	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	97586	19.678	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6960	20.726	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	56627	19.768	ug/l	99
94) Hexachlorobutadiene	15.023	225	32198	20.155	ug/l	97
95) Naphthalene	15.145	128	102697	18.892	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	47086	19.376	ug/l	99

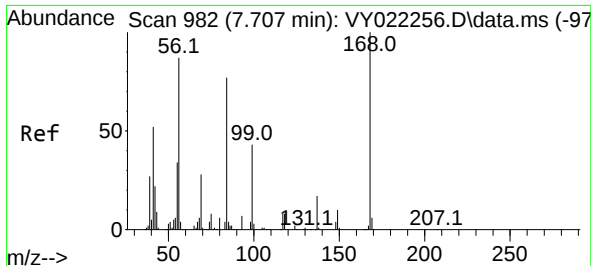
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022262.D
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Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

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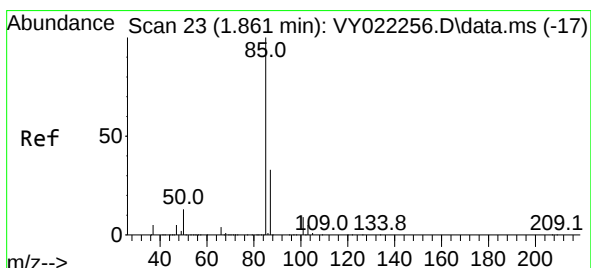
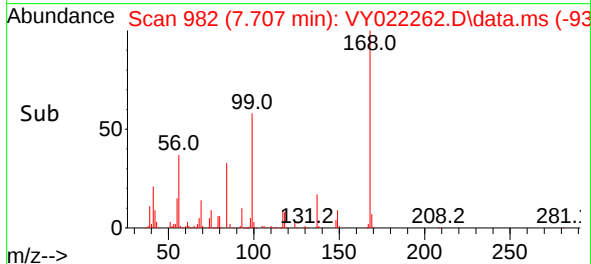
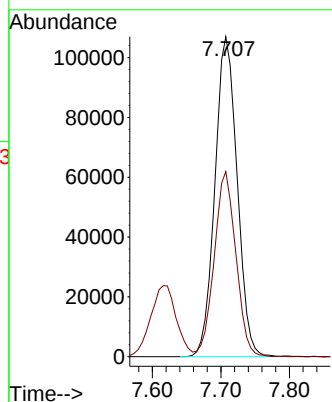
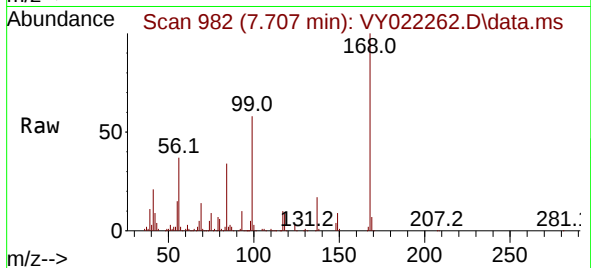
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

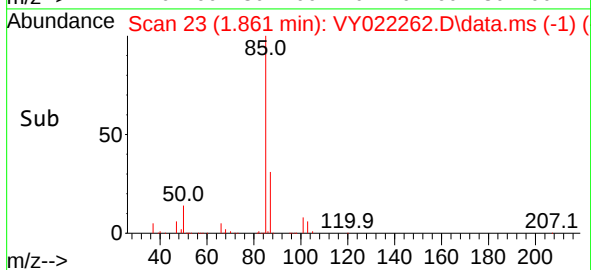
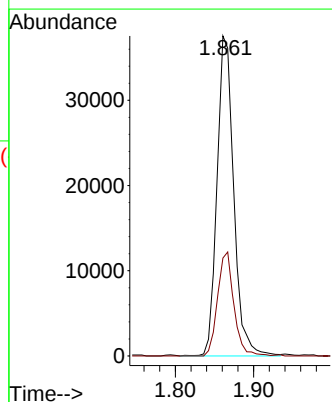
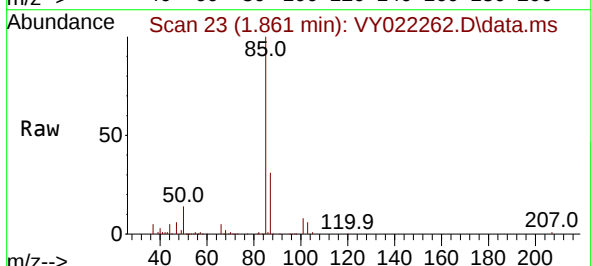
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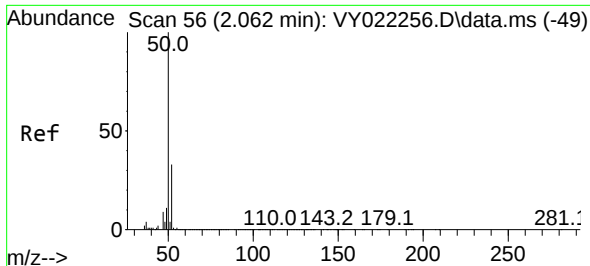
Tgt Ion:168 Resp: 240556
Ion Ratio Lower Upper
168 100
99 57.7 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 22.256 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

Tgt Ion: 85 Resp: 55866
Ion Ratio Lower Upper
85 100
87 30.6 16.5 49.5

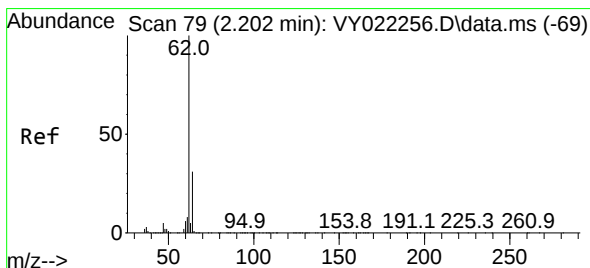
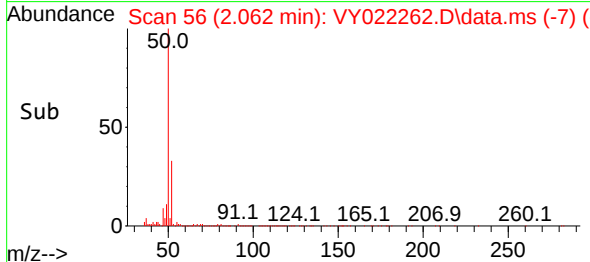
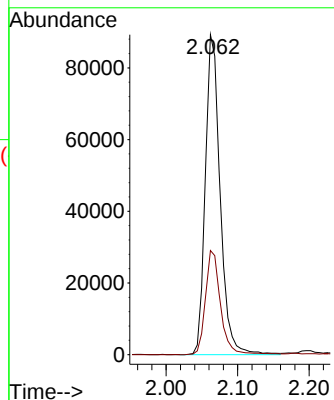
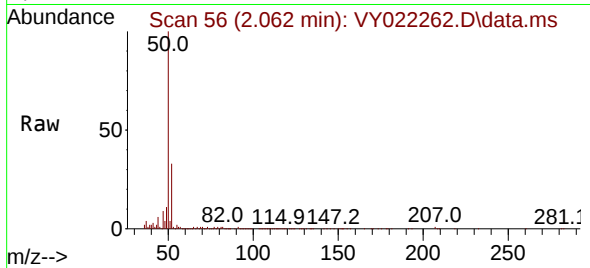




#3
Chloromethane
Concen: 24.400 ug/l
RT: 2.062 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

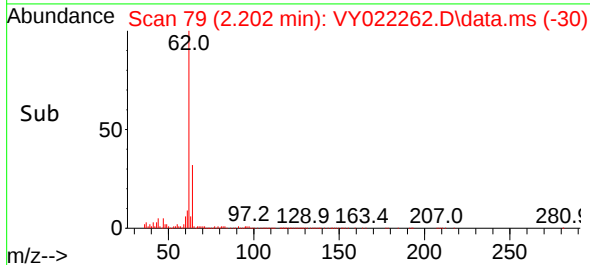
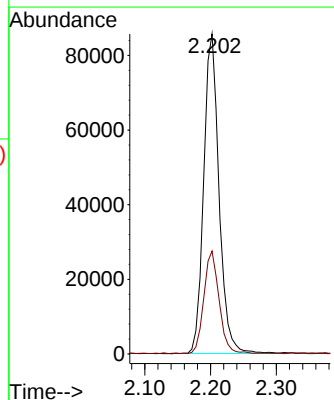
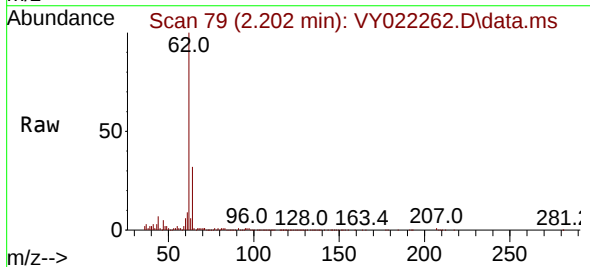
Instrument :
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ClientSampleId :
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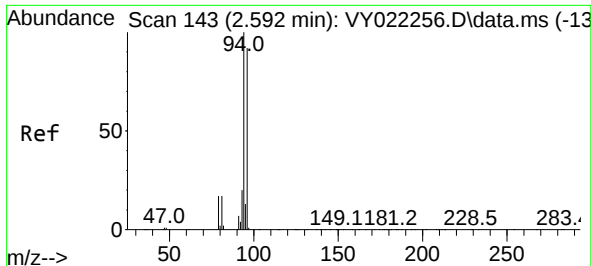
Tgt Ion: 50 Resp: 128835
Ion Ratio Lower Upper
50 100
52 32.6 26.5 39.7



#4
Vinyl Chloride
Concen: 23.553 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

Tgt Ion: 62 Resp: 138947
Ion Ratio Lower Upper
62 100
64 32.1 24.5 36.7

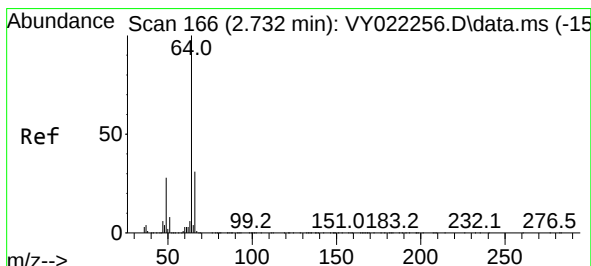
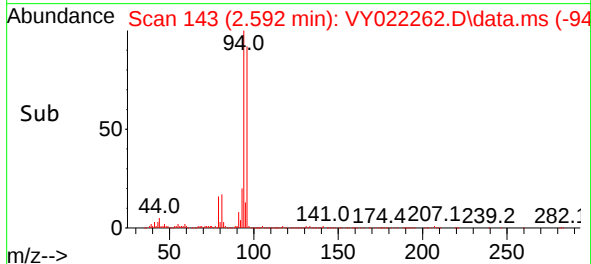
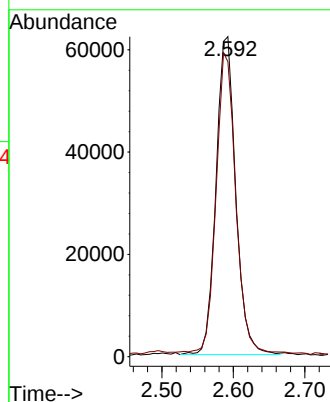
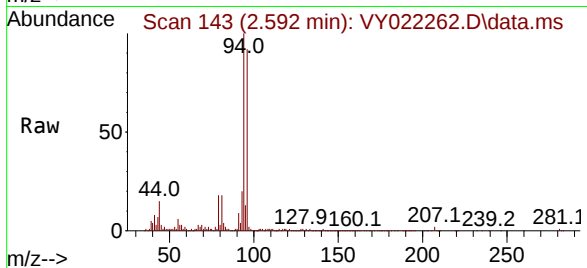




#5
Bromomethane
Concen: 24.843 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

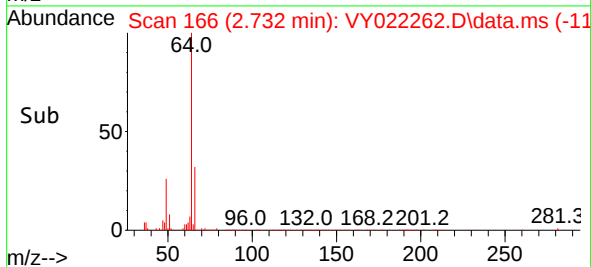
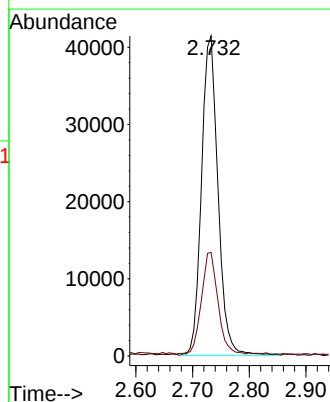
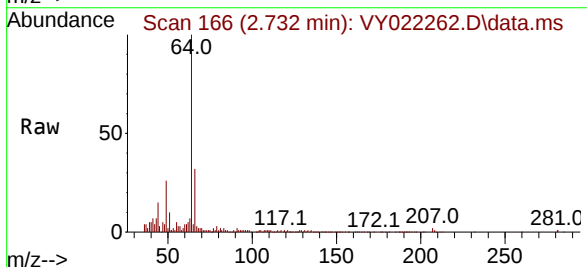
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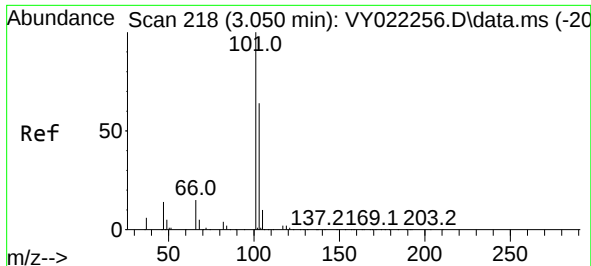
Tgt Ion: 94 Resp: 119304
Ion Ratio Lower Upper
94 100
96 91.3 73.4 110.0



#6
Chloroethane
Concen: 22.754 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

Tgt Ion: 64 Resp: 83509
Ion Ratio Lower Upper
64 100
66 31.9 24.8 37.2

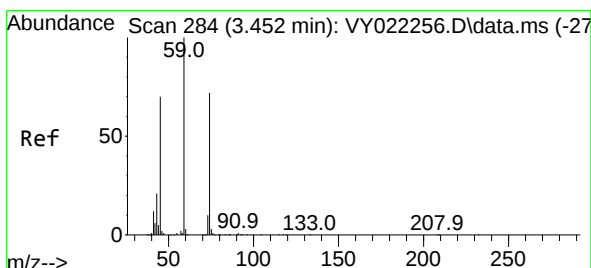
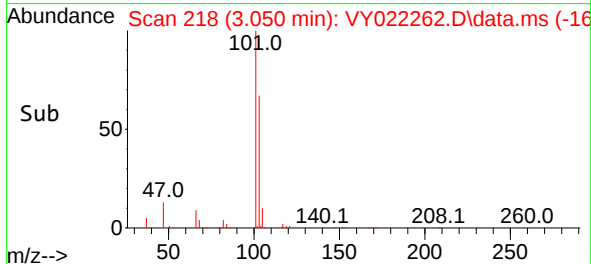
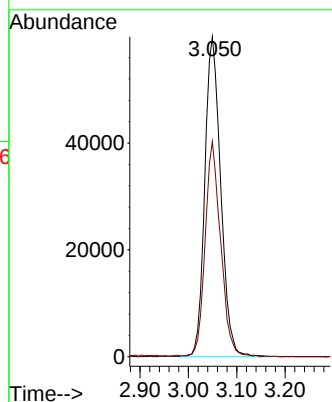
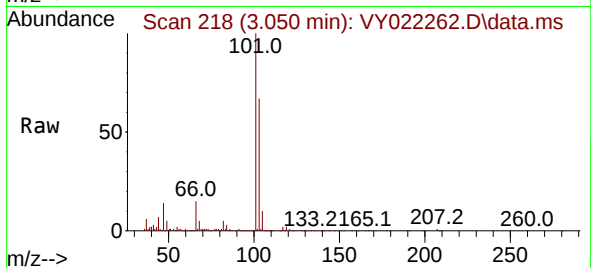




#7
 Trichlorofluoromethane
 Concen: 22.926 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY022262.D
 Acq: 15 May 2025 14:07

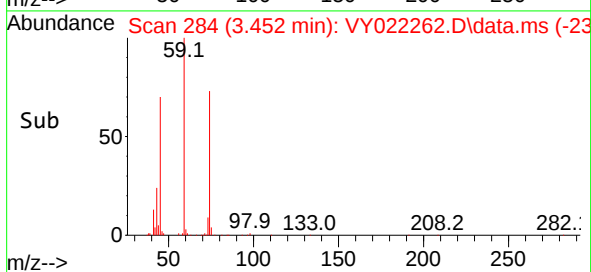
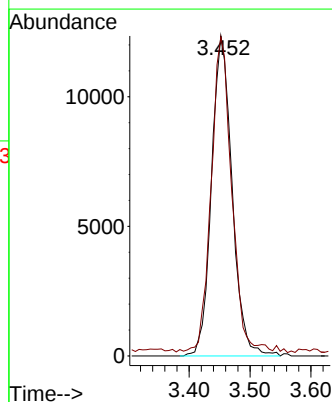
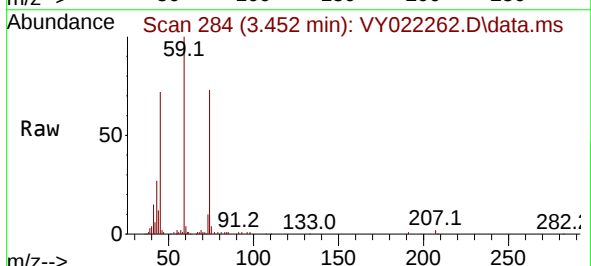
Instrument :
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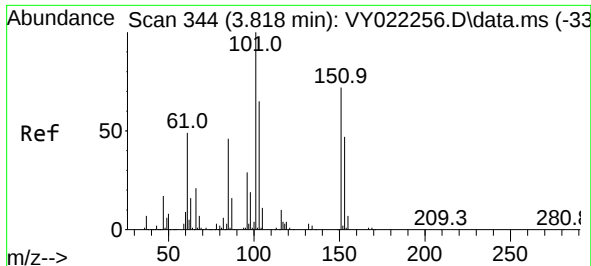
Tgt Ion:101 Resp: 136929
 Ion Ratio Lower Upper
 101 100
 103 67.2 51.7 77.5



#8
 Diethyl Ether
 Concen: 20.261 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY022262.D
 Acq: 15 May 2025 14:07

Tgt Ion: 74 Resp: 29041
 Ion Ratio Lower Upper
 74 100
 45 96.9 48.6 145.8

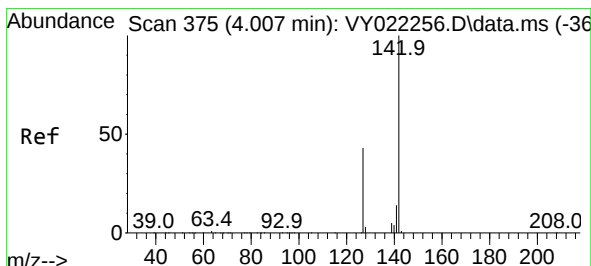
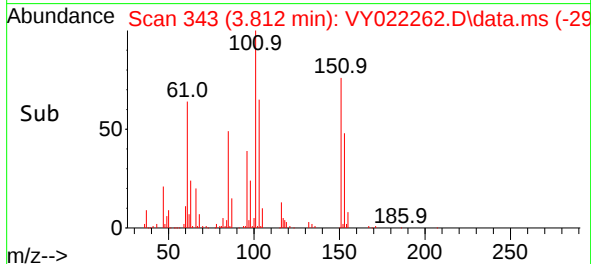
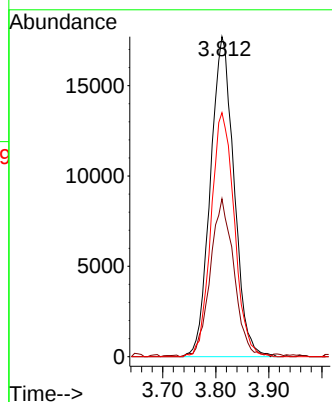
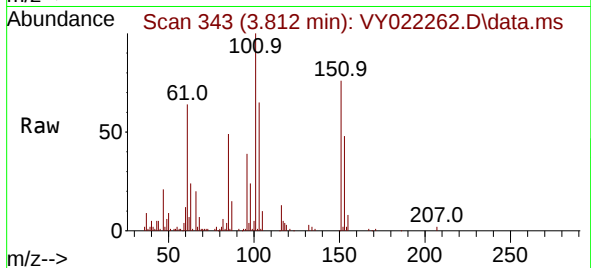




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.152 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

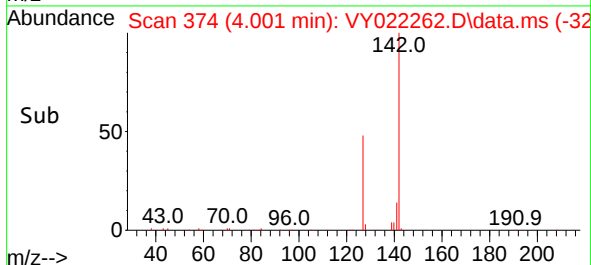
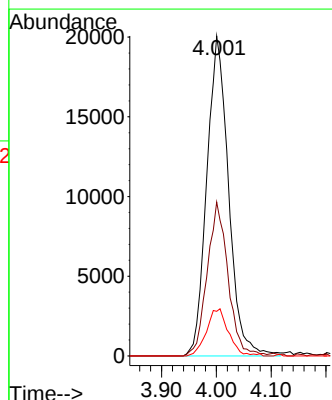
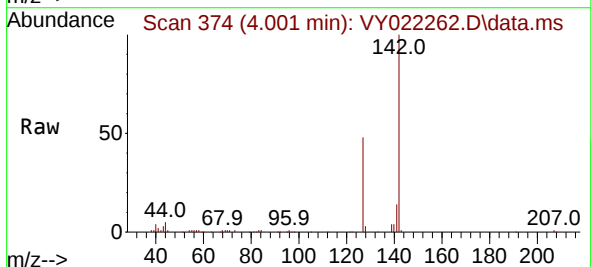
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

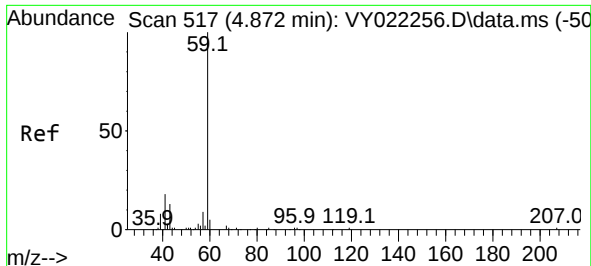
Tgt Ion:101 Resp: 54846
Ion Ratio Lower Upper
101 100
85 49.2 38.6 58.0
151 75.4 59.7 89.5



#10
Methyl Iodide
Concen: 18.462 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

Tgt Ion:142 Resp: 55406
Ion Ratio Lower Upper
142 100
127 46.0 35.7 53.5
141 14.9 11.1 16.7

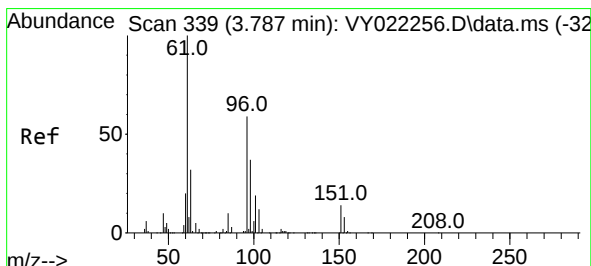
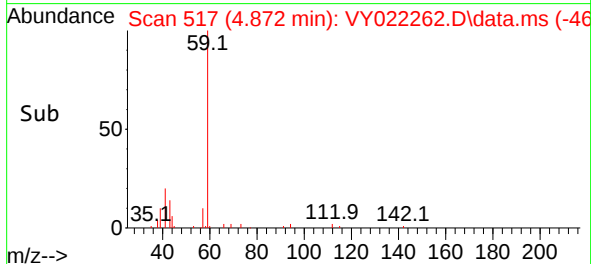
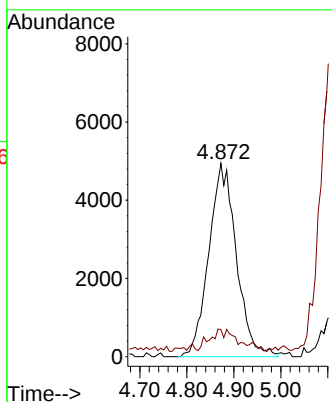
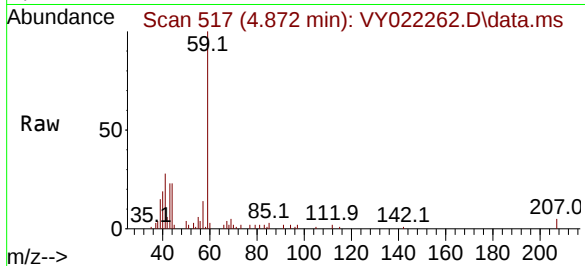




#11
Tert butyl alcohol
Concen: 100.411 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

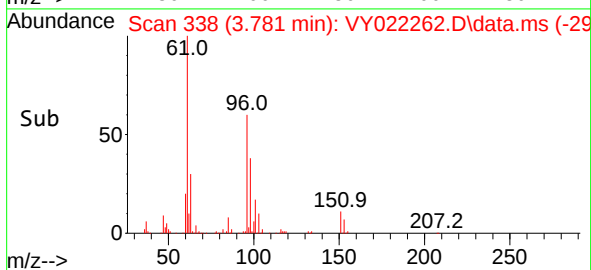
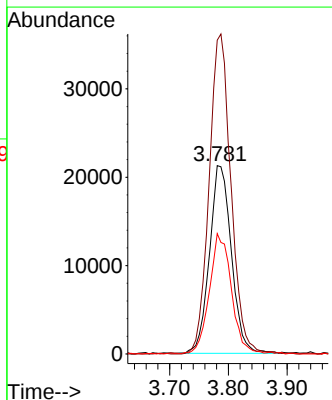
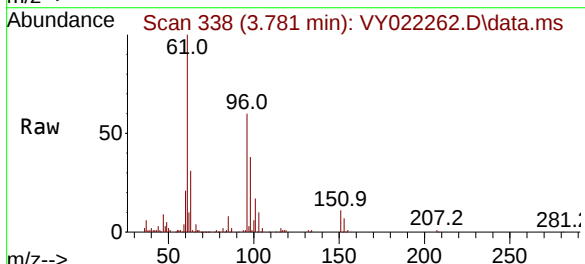
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

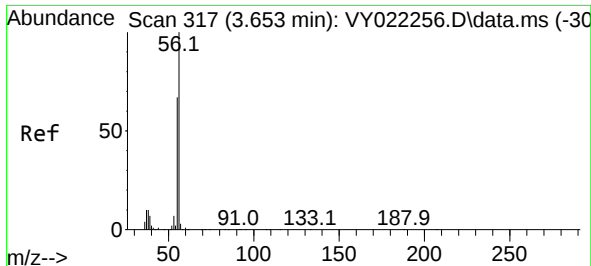
Tgt Ion: 59 Resp: 20159
Ion Ratio Lower Upper
59 100
57 5.4 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 21.358 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

Tgt Ion: 96 Resp: 54958
Ion Ratio Lower Upper
96 100
61 167.2 134.9 202.3
98 63.8 49.9 74.9





#13

Acrolein

Concen: 98.931 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

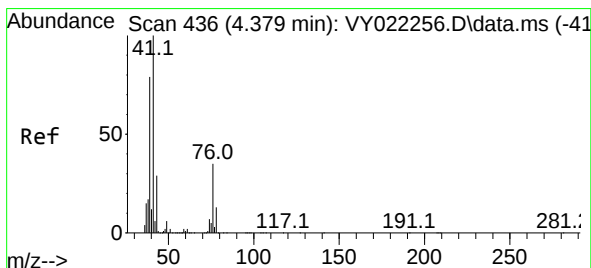
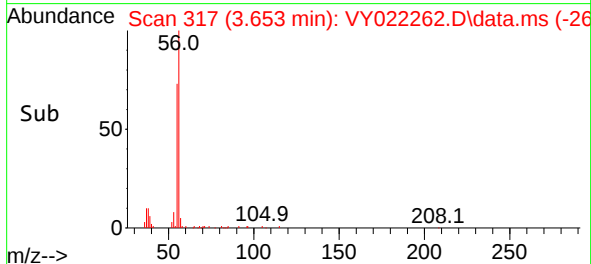
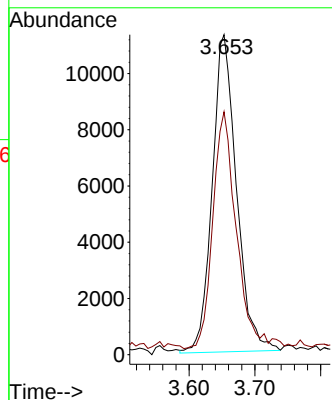
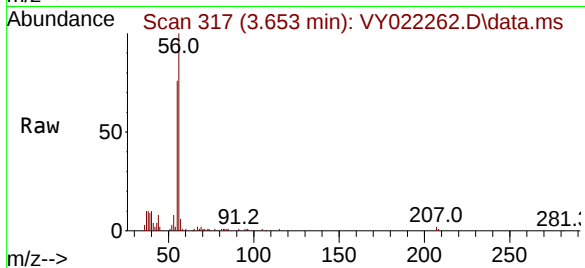
VY0515SBS01

Tgt Ion: 56 Resp: 29036

Ion Ratio Lower Upper

56 100

55 72.9 55.6 83.4



#14

Allyl chloride

Concen: 20.699 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

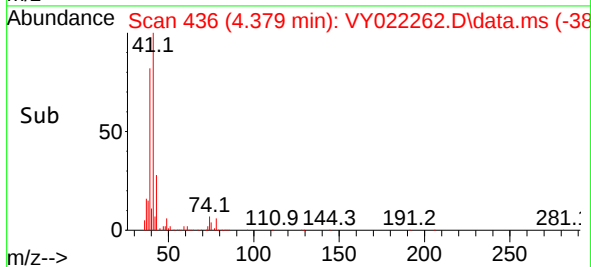
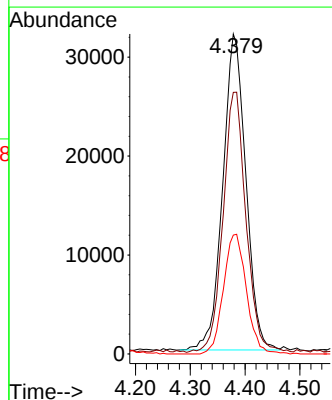
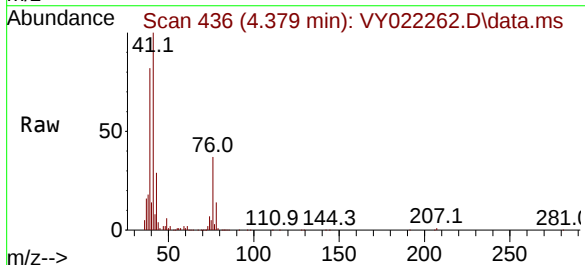
Tgt Ion: 41 Resp: 93389

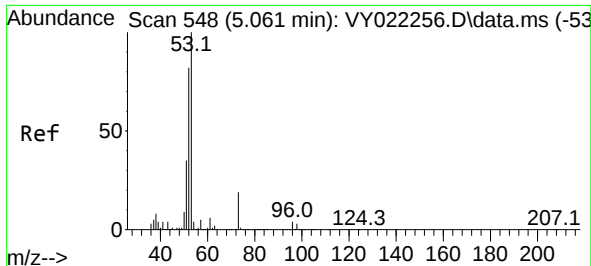
Ion Ratio Lower Upper

41 100

39 82.0 63.4 95.0

76 37.8 29.5 44.3

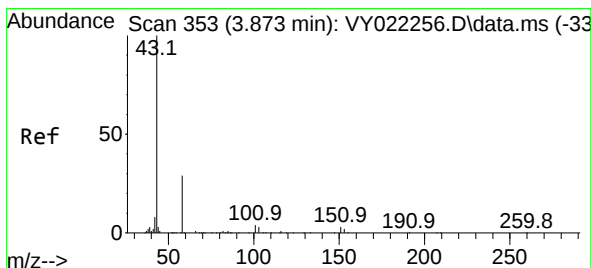
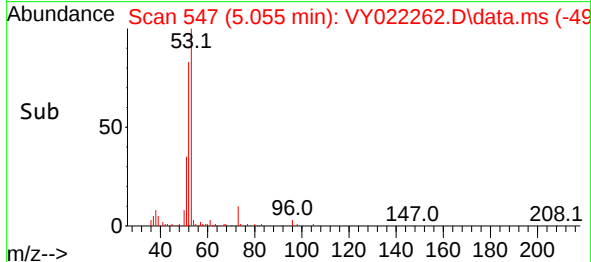
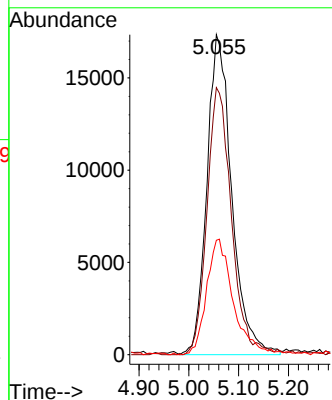
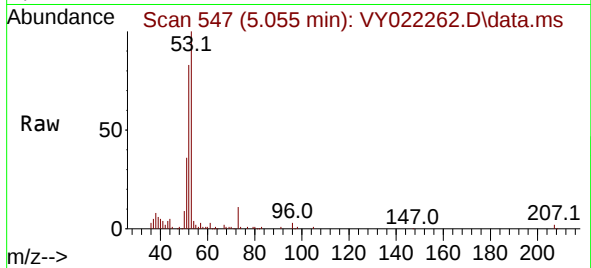




#15
Acrylonitrile
Concen: 101.763 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

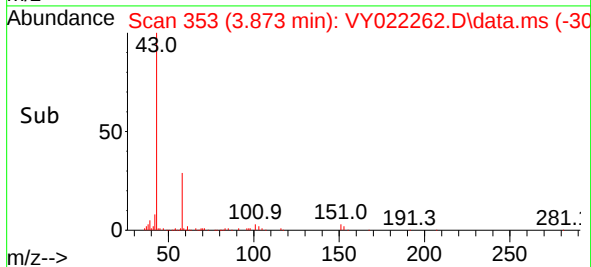
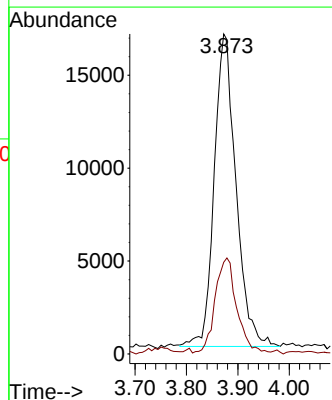
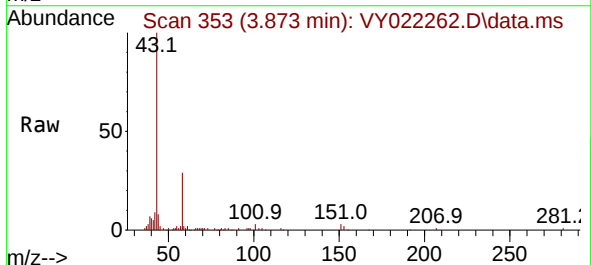
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

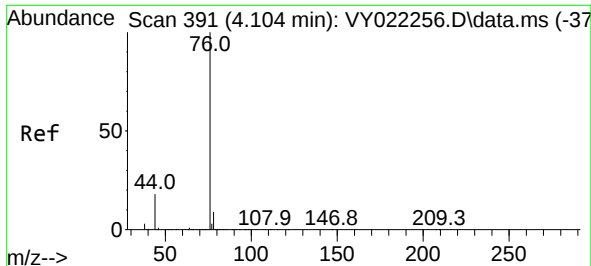
Tgt Ion: 53 Resp: 60103
Ion Ratio Lower Upper
53 100
52 82.0 66.1 99.1
51 38.7 30.0 45.0



#16
Acetone
Concen: 100.441 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

Tgt Ion: 43 Resp: 49514
Ion Ratio Lower Upper
43 100
58 28.8 23.6 35.4

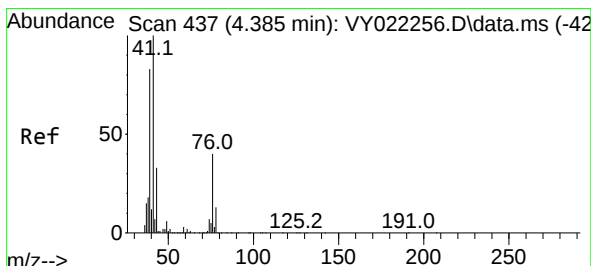
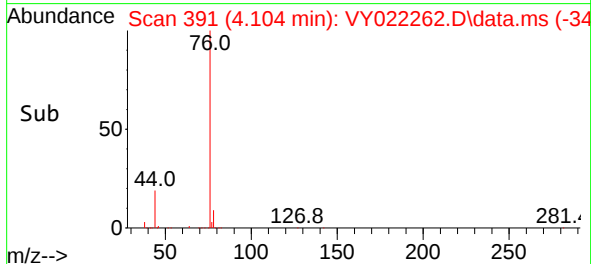
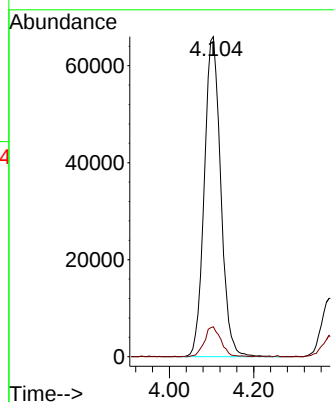
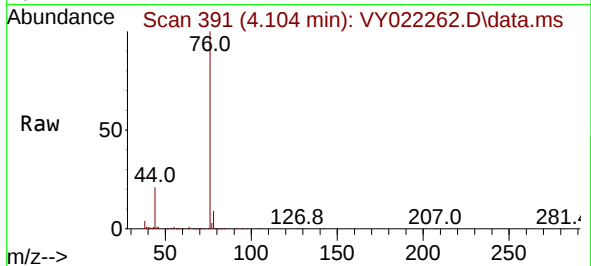




#17
Carbon Disulfide
Concen: 21.362 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

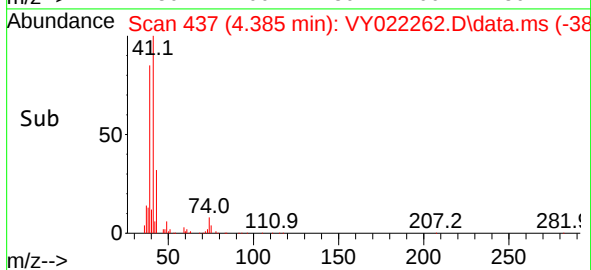
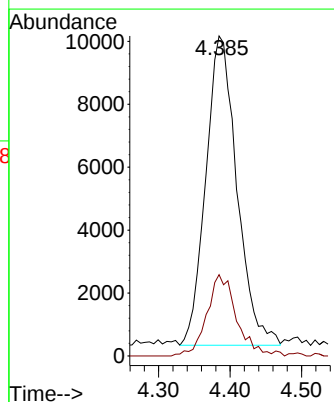
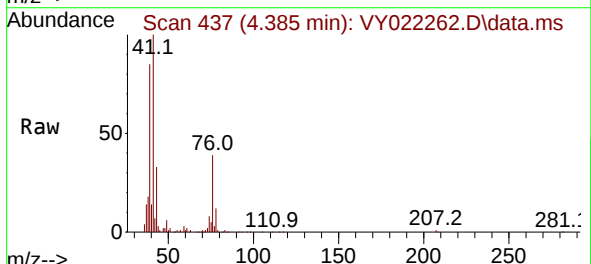
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

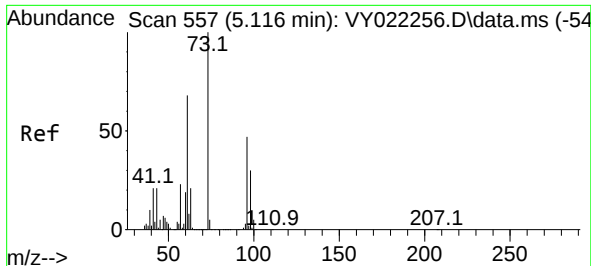
Tgt Ion: 76 Resp: 179245
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 19.136 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

Tgt Ion: 43 Resp: 29743
Ion Ratio Lower Upper
43 100
74 24.7 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 20.366 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

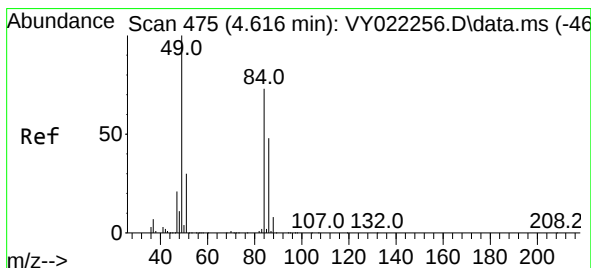
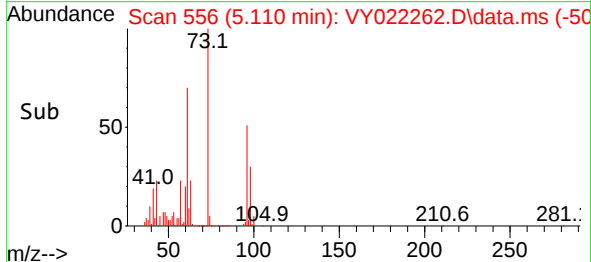
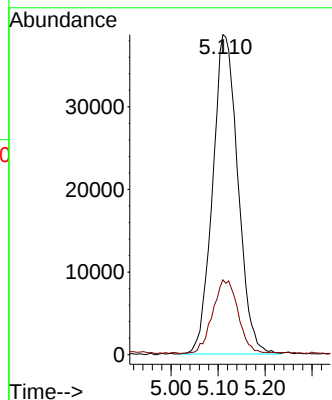
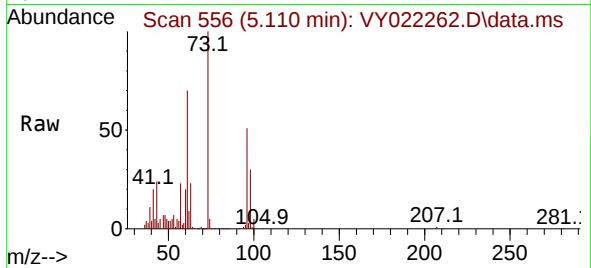
VY0515SBS01

Tgt Ion: 73 Resp: 144494

Ion Ratio Lower Upper

73 100

57 23.0 18.6 28.0



#20

Methylene Chloride

Concen: 21.261 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Tgt Ion: 84 Resp: 67724

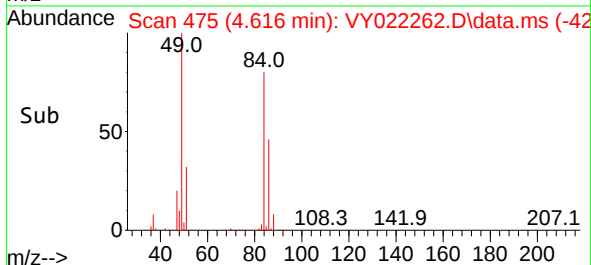
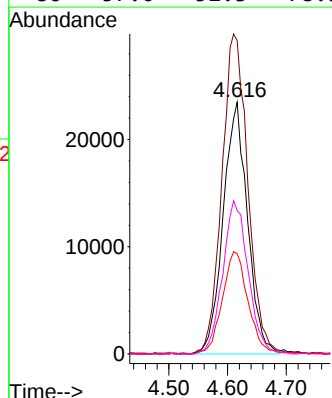
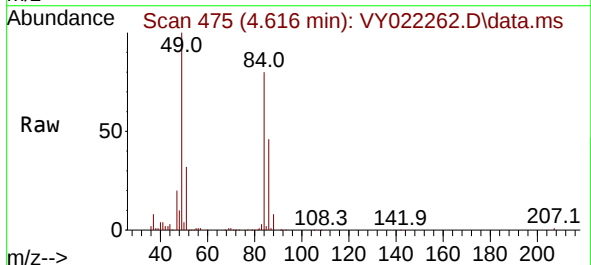
Ion Ratio Lower Upper

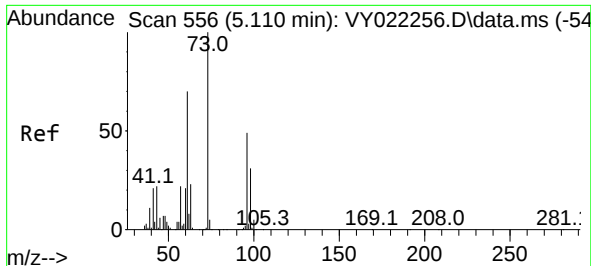
84 100

49 124.5 109.6 164.4

51 39.6 32.4 48.6

86 57.0 52.3 78.5

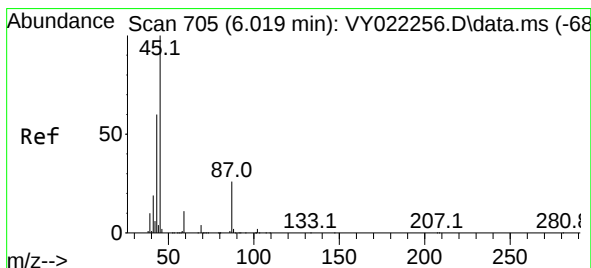
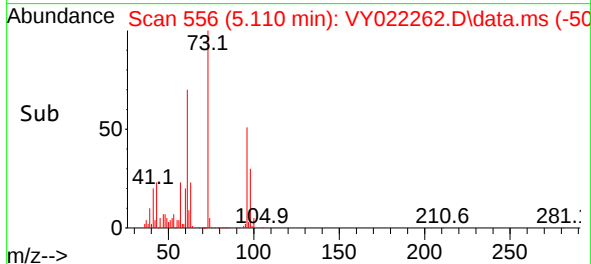
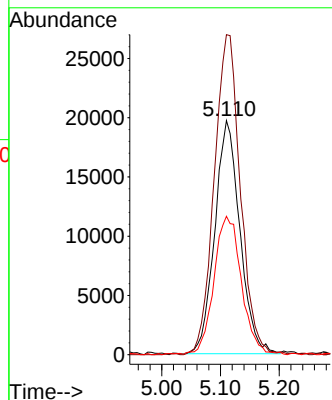
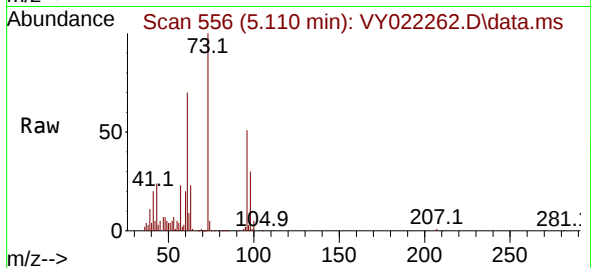




#21
trans-1,2-Dichloroethene
Concen: 20.532 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

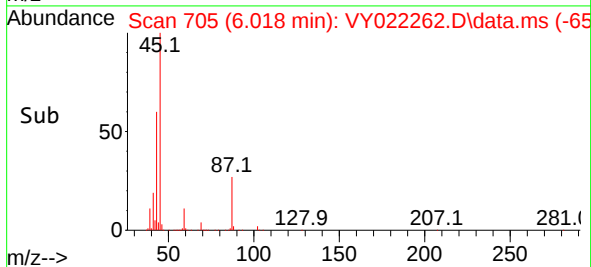
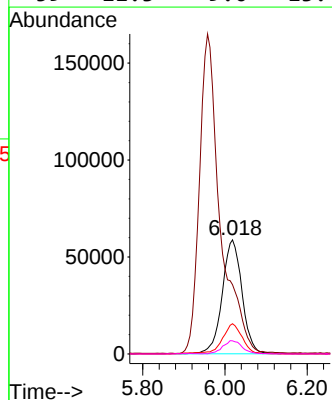
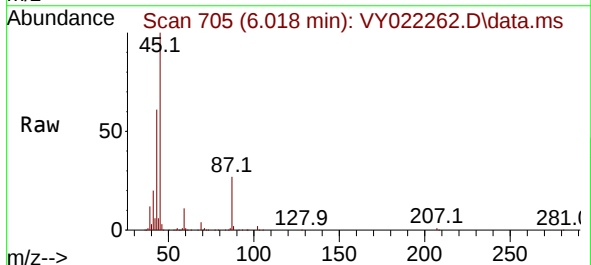
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

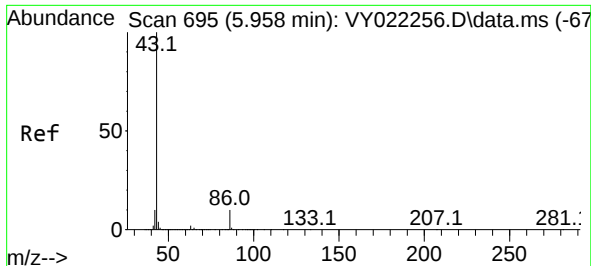
Tgt Ion: 96 Resp: 58315
Ion Ratio Lower Upper
96 100
61 137.3 113.4 170.0
98 58.8 50.9 76.3



#22
Diisopropyl ether
Concen: 20.615 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

Tgt Ion: 45 Resp: 196421
Ion Ratio Lower Upper
45 100
43 60.2 48.2 72.2
87 26.6 21.4 32.0
59 11.3 9.0 13.4

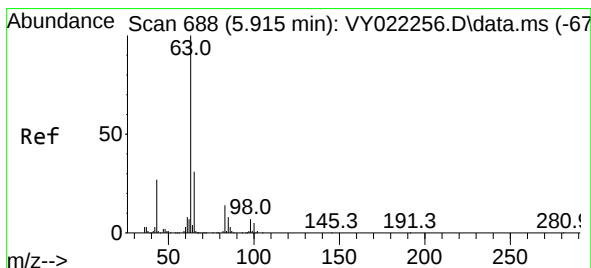
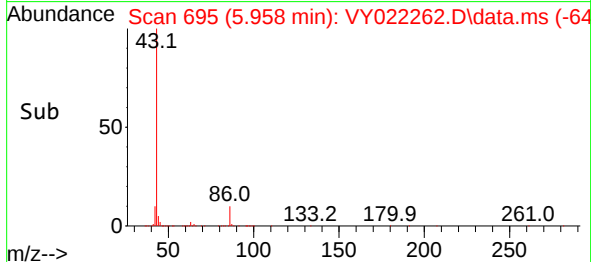
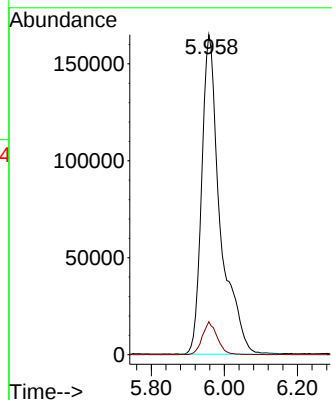
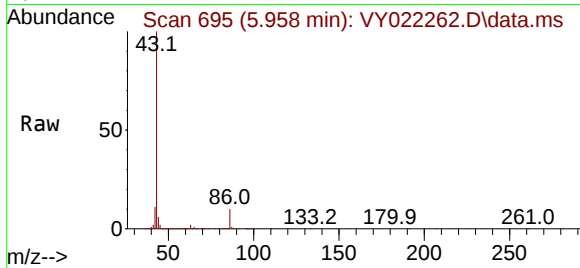




#23
 Vinyl Acetate
 Concen: 100.588 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022262.D
 Acq: 15 May 2025 14:07

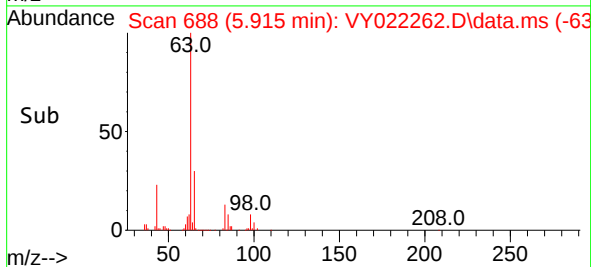
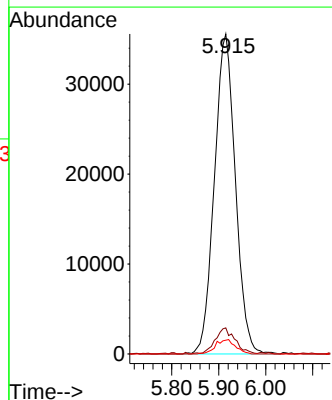
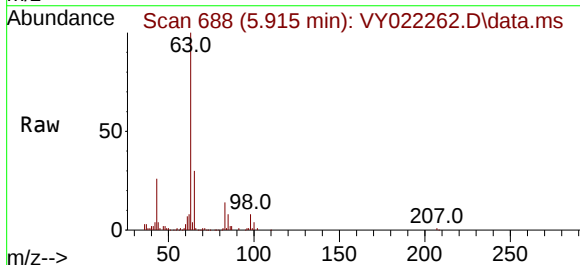
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBS01

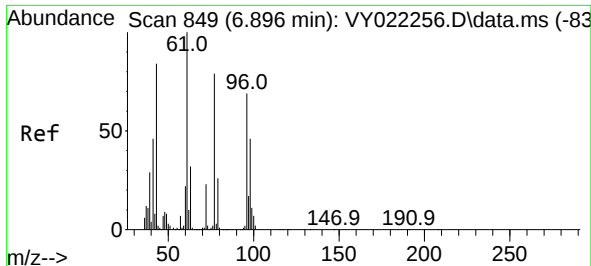
Tgt Ion: 43 Resp: 578998
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.749 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022262.D
 Acq: 15 May 2025 14:07

Tgt Ion: 63 Resp: 110449
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.5
 100 4.3 2.4 7.2





#25

2-Butanone

Concen: 98.430 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

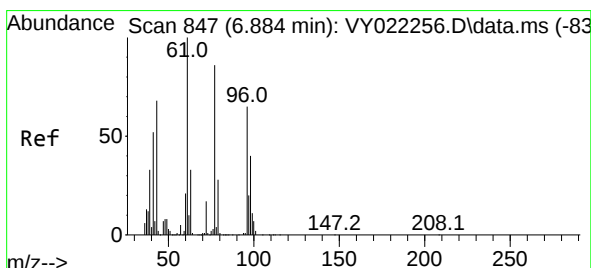
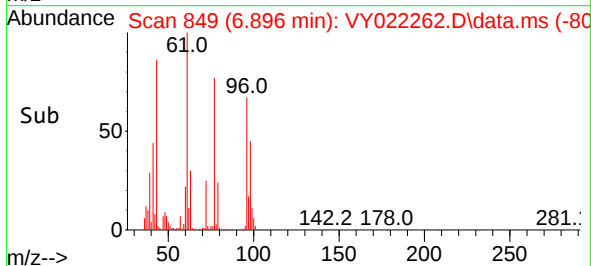
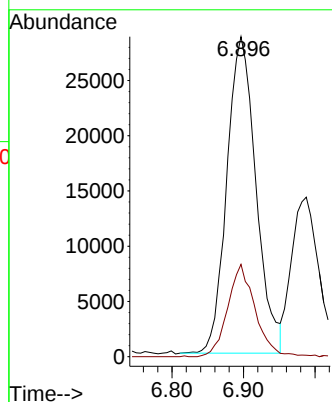
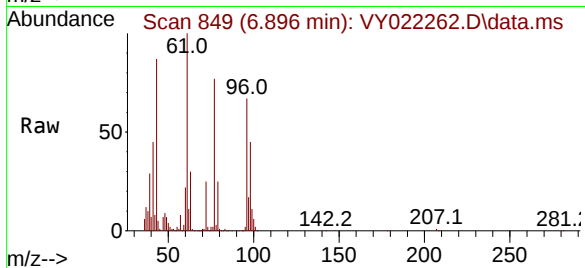
VY0515SBS01

Tgt Ion: 43 Resp: 81164

Ion Ratio Lower Upper

43 100

72 29.1 22.1 33.1



#26

2,2-Dichloropropane

Concen: 20.897 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY022262.D

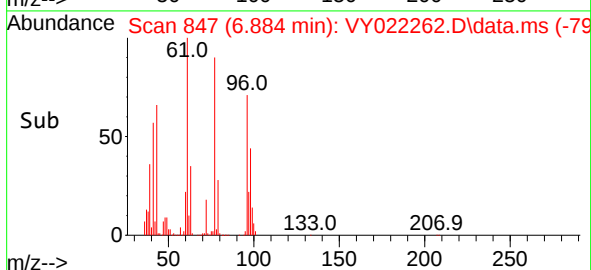
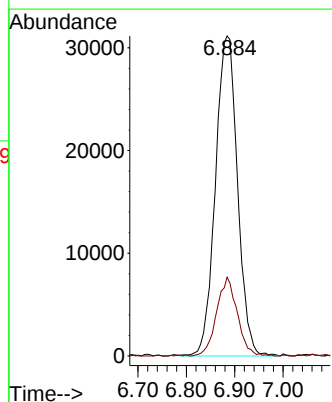
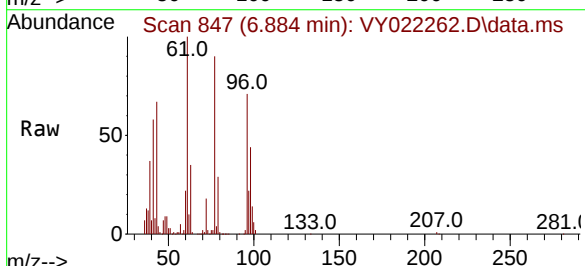
Acq: 15 May 2025 14:07

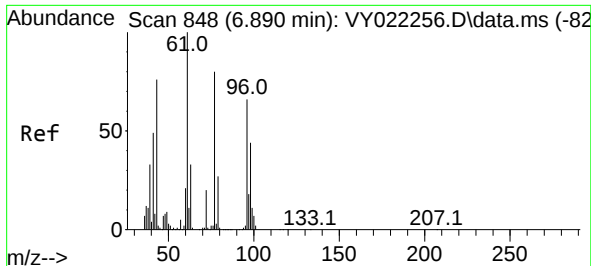
Tgt Ion: 77 Resp: 98935

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 20.875 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

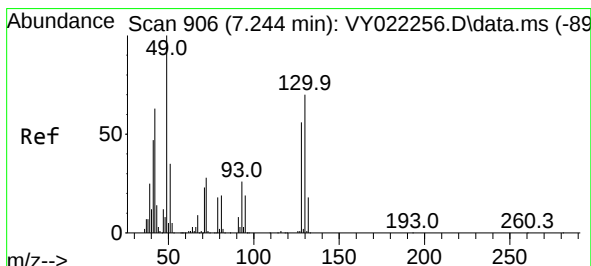
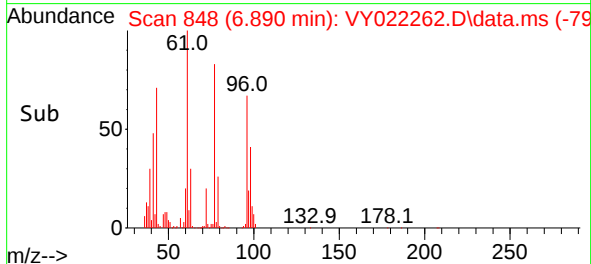
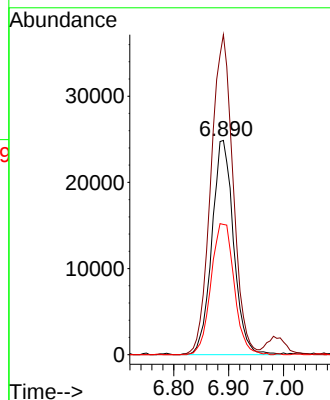
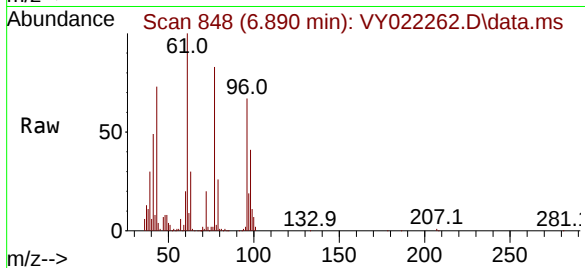
Tgt Ion: 96 Resp: 68417

Ion Ratio Lower Upper

96 100

61 152.4 0.0 302.6

98 65.3 0.0 128.8



#28

Bromochloromethane

Concen: 20.868 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

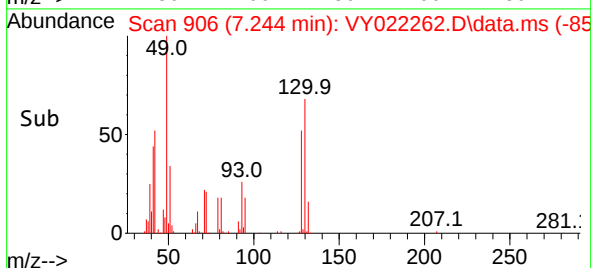
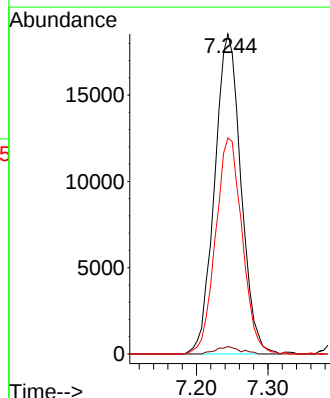
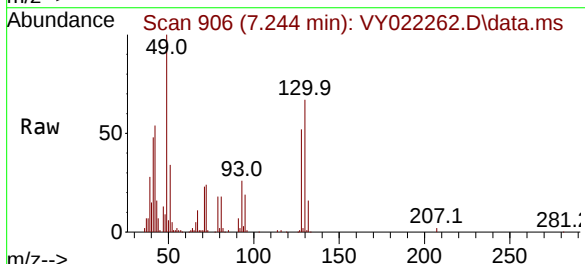
Tgt Ion: 49 Resp: 47380

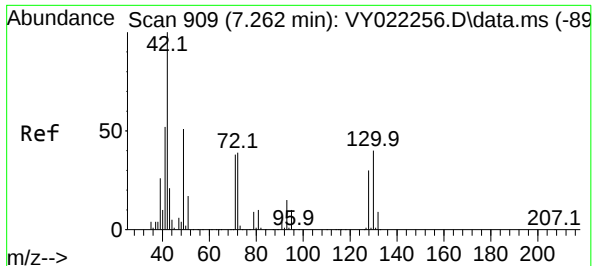
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.6

130 68.3 54.7 82.1





#29

Tetrahydrofuran

Concen: 102.386 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

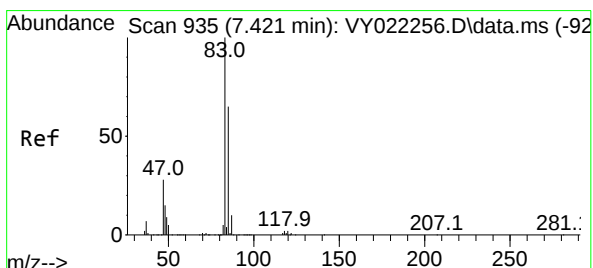
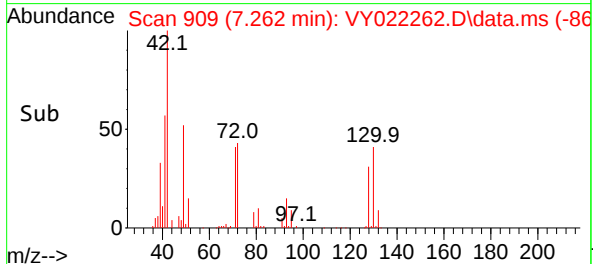
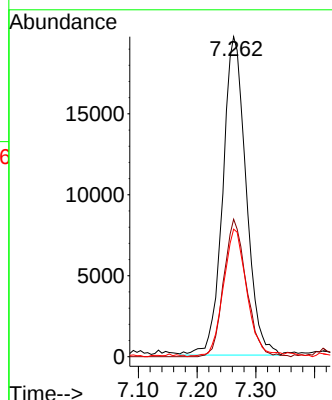
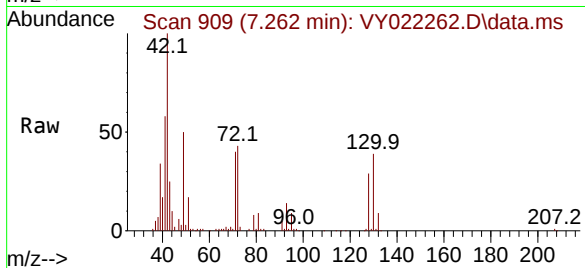
Tgt Ion: 42 Resp: 54316

Ion Ratio Lower Upper

42 100

72 41.8 33.8 50.6

71 40.5 31.5 47.3



#30

Chloroform

Concen: 21.169 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022262.D

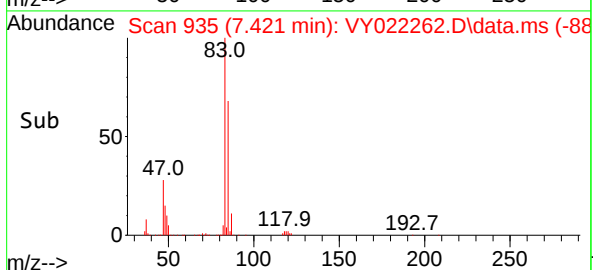
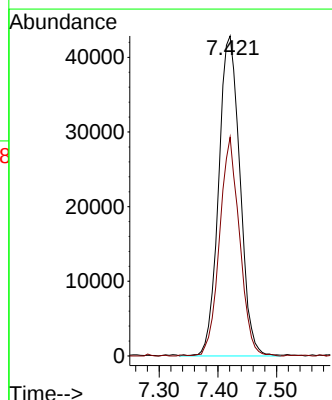
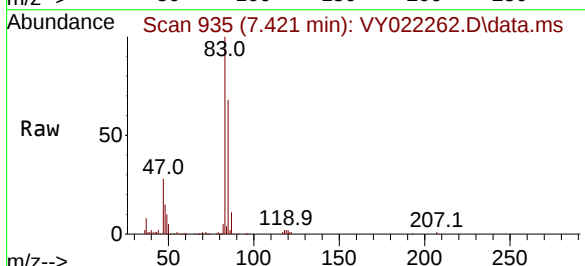
Acq: 15 May 2025 14:07

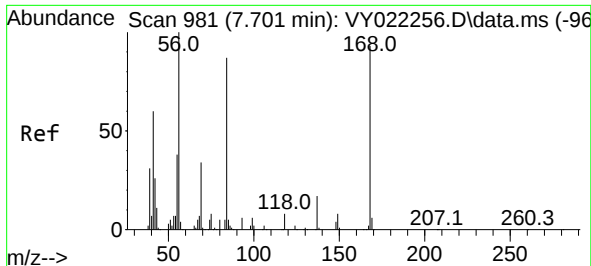
Tgt Ion: 83 Resp: 108086

Ion Ratio Lower Upper

83 100

85 68.4 51.8 77.8

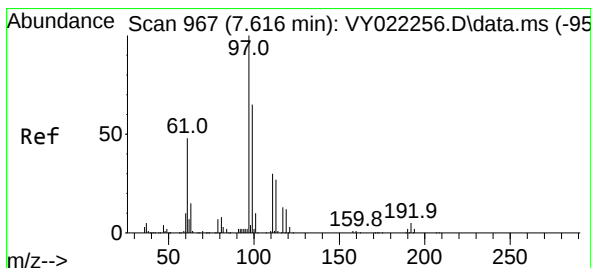
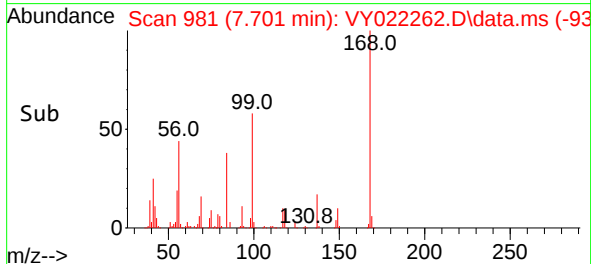
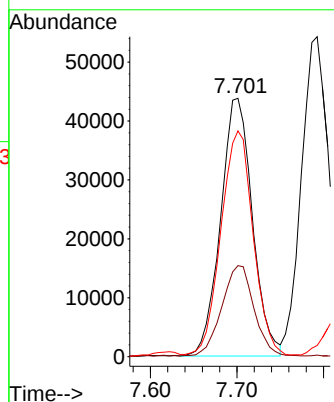
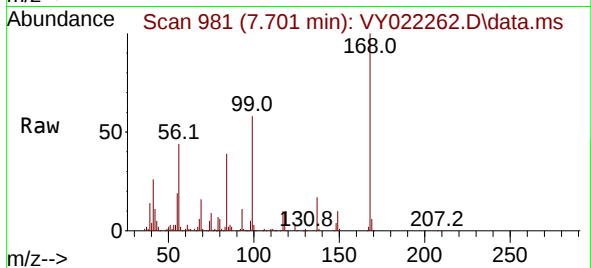




#31
Cyclohexane
Concen: 21.025 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

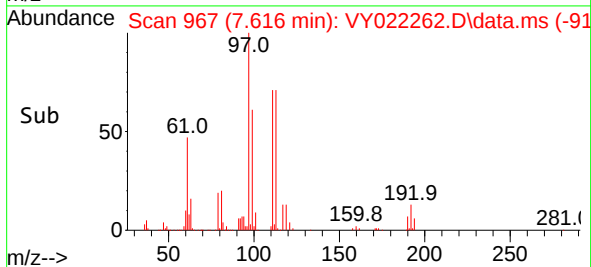
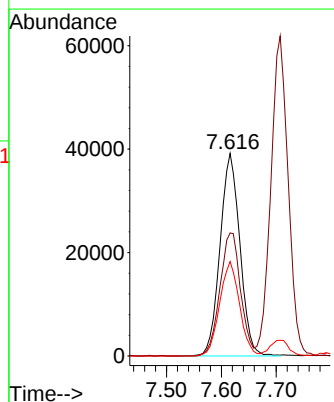
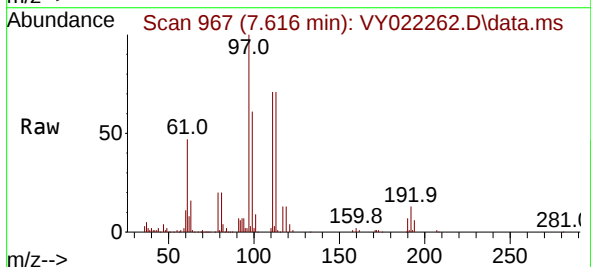
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

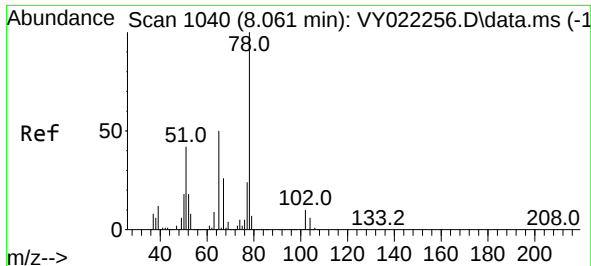
Tgt Ion: 56 Resp: 111819
Ion Ratio Lower Upper
56 100
69 35.0 27.4 41.2
84 86.7 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 21.056 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

Tgt Ion: 97 Resp: 98630
Ion Ratio Lower Upper
97 100
99 63.0 51.4 77.0
61 46.6 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 51.178 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

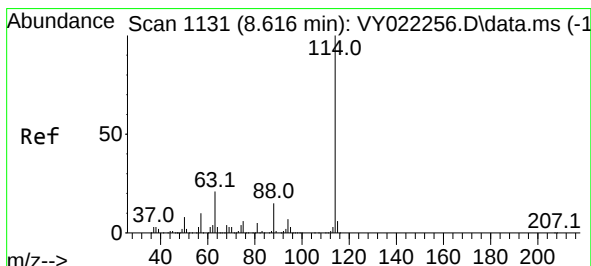
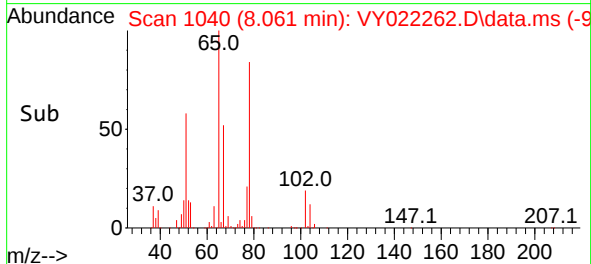
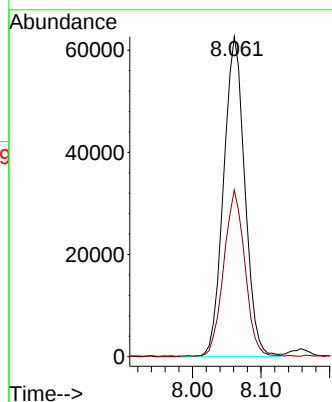
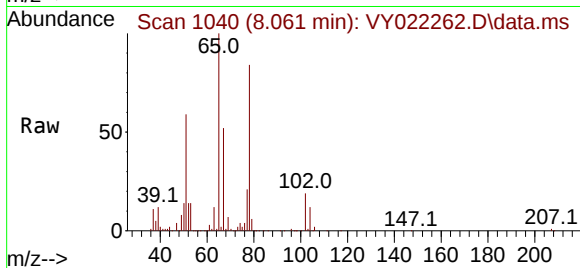
VY0515SBS01

Tgt Ion: 65 Resp: 134549

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

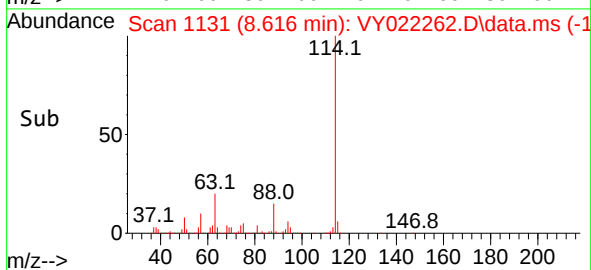
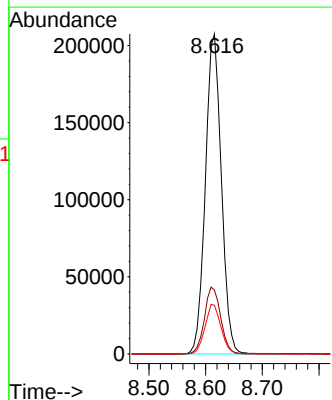
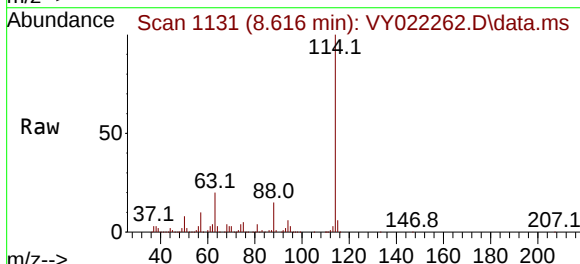
Tgt Ion:114 Resp: 405751

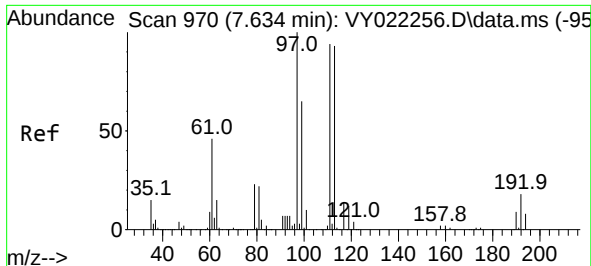
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.0

88 15.2 0.0 29.4

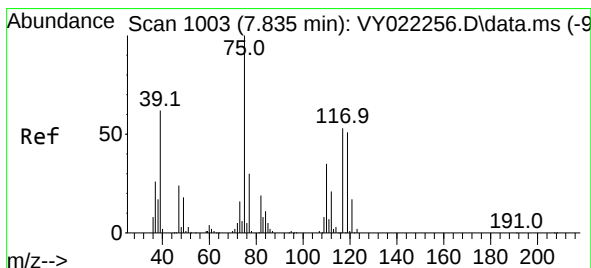
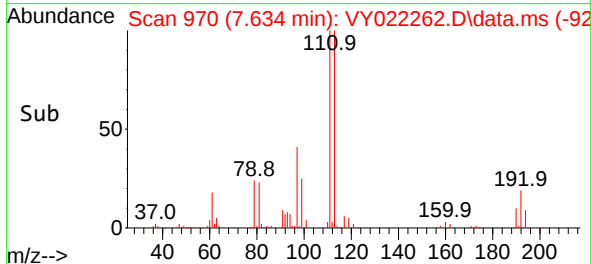
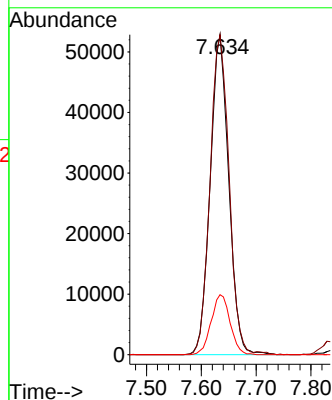
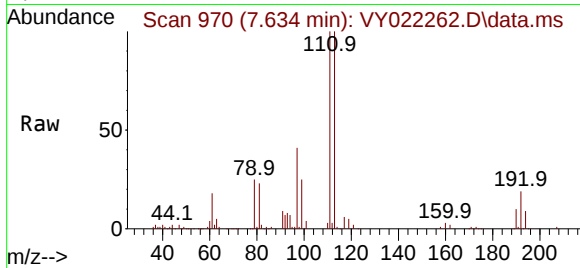




#35
Dibromofluoromethane
Concen: 51.140 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

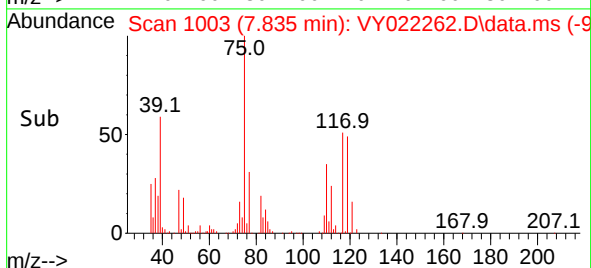
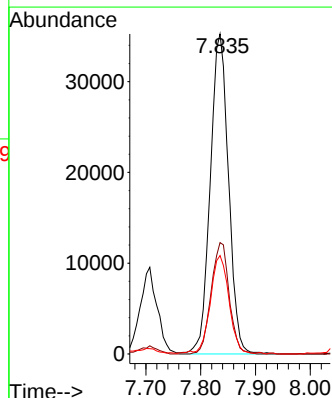
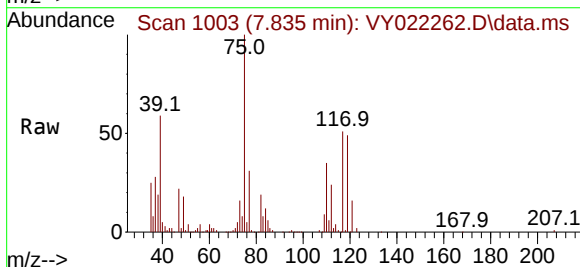
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

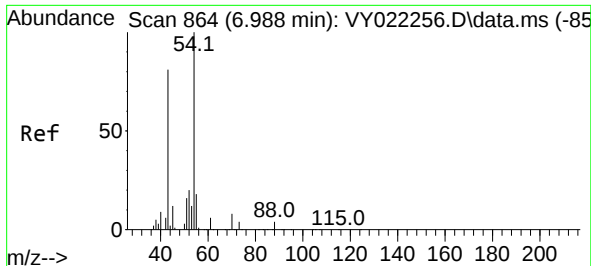
Tgt Ion:113 Resp: 123849
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 19.1 15.2 22.8



#36
1,1-Dichloropropene
Concen: 20.427 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

Tgt Ion: 75 Resp: 81482
Ion Ratio Lower Upper
75 100
110 34.4 16.6 49.8
77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 20.039 ug/l

RT: 6.988 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

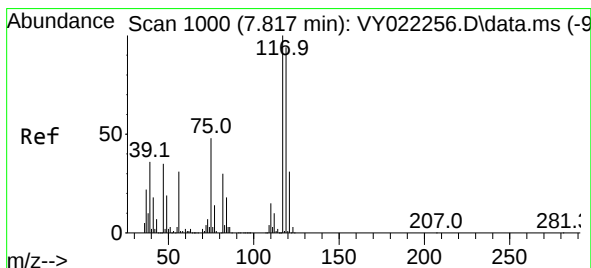
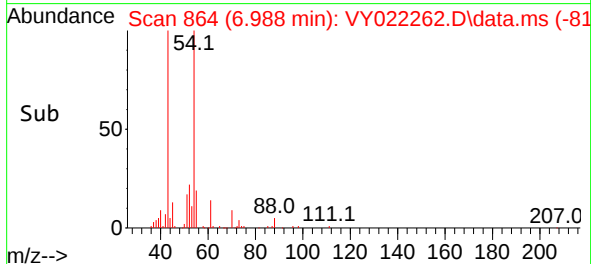
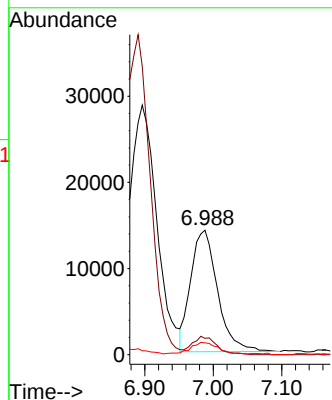
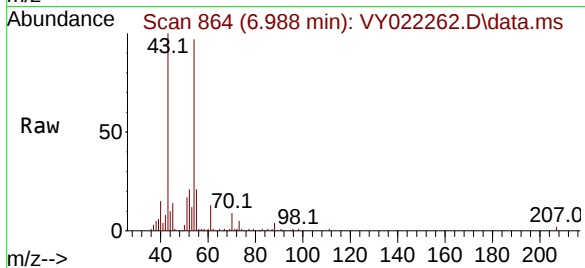
Tgt Ion: 43 Resp: 38460

Ion Ratio Lower Upper

43 100

61 13.3 10.2 15.2

70 10.3 7.6 11.4



#38

Carbon Tetrachloride

Concen: 20.354 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

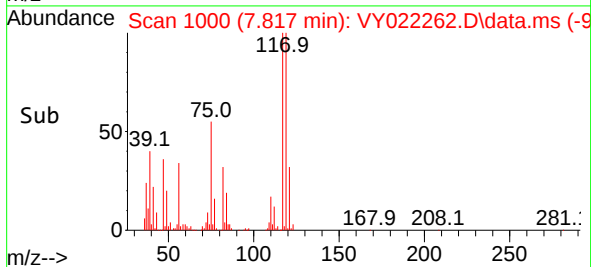
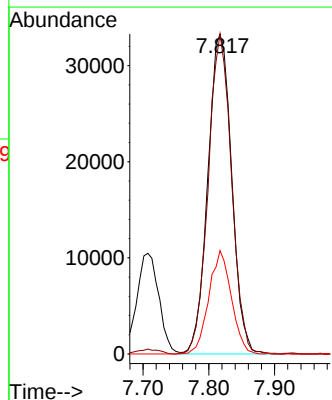
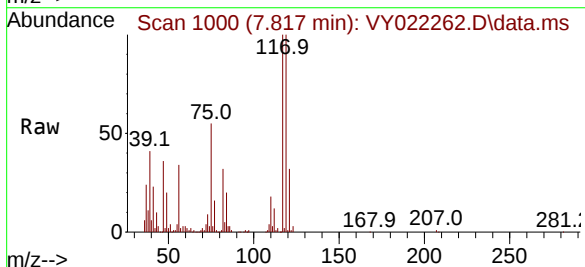
Tgt Ion: 117 Resp: 84041

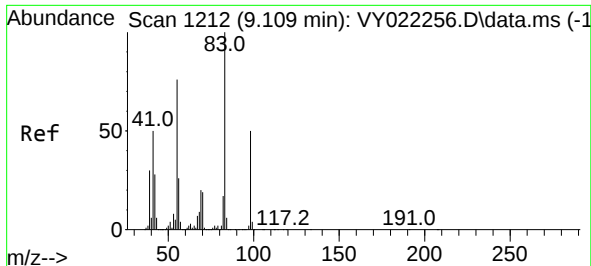
Ion Ratio Lower Upper

117 100

119 100.1 75.3 112.9

121 32.3 24.7 37.1





#39

Methylcyclohexane

Concen: 21.067 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

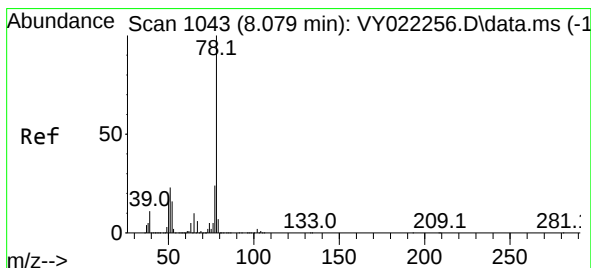
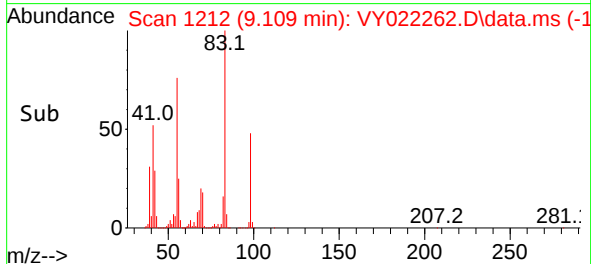
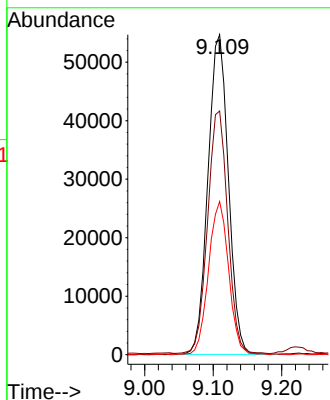
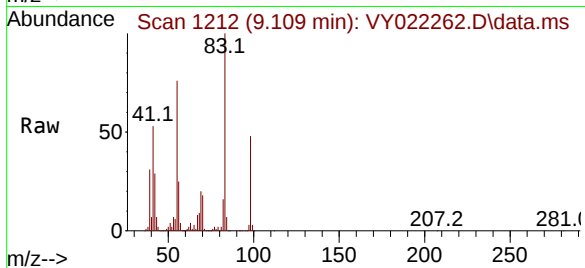
Tgt Ion: 83 Resp: 112902

Ion Ratio Lower Upper

83 100

55 75.8 60.6 90.8

98 47.7 40.0 60.0



#40

Benzene

Concen: 20.784 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022262.D

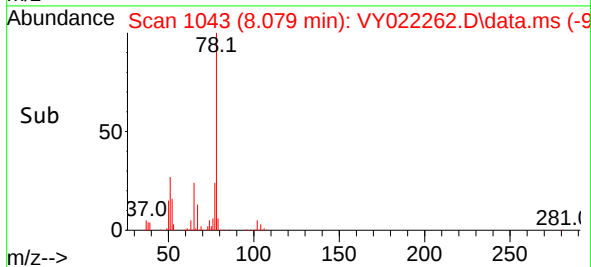
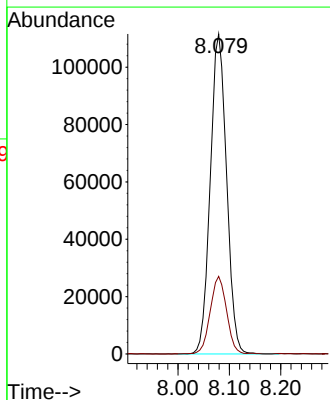
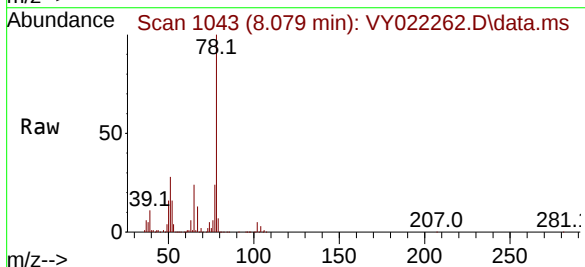
Acq: 15 May 2025 14:07

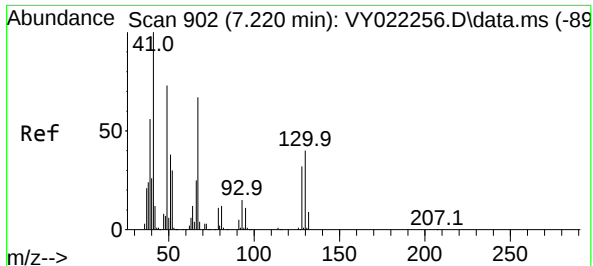
Tgt Ion: 78 Resp: 245775

Ion Ratio Lower Upper

78 100

77 24.2 18.9 28.3

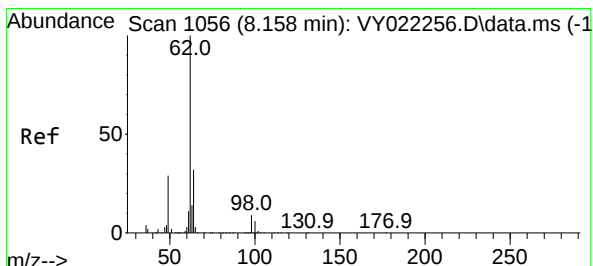
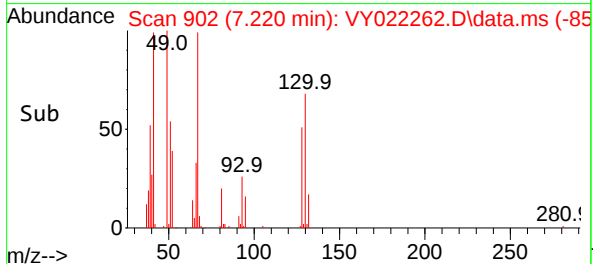
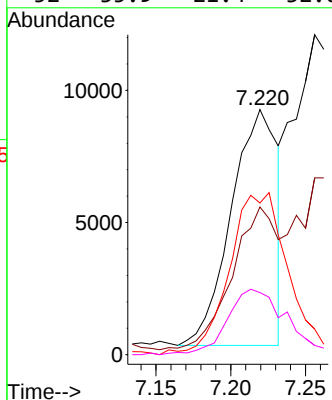
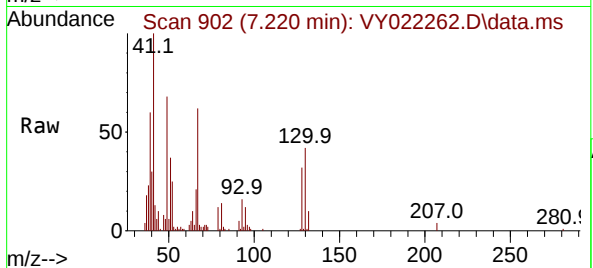




#41
Methacrylonitrile
Concen: 15.069 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

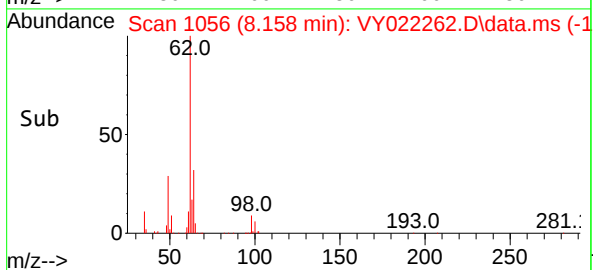
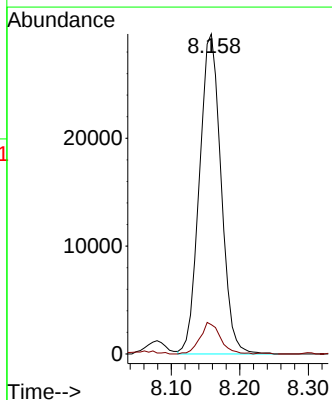
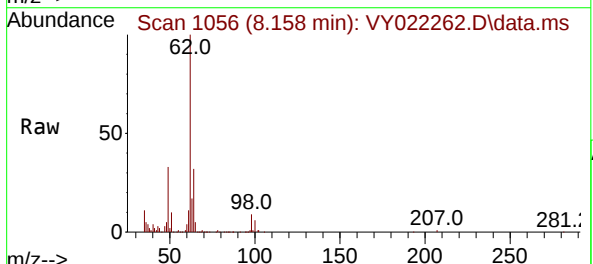
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

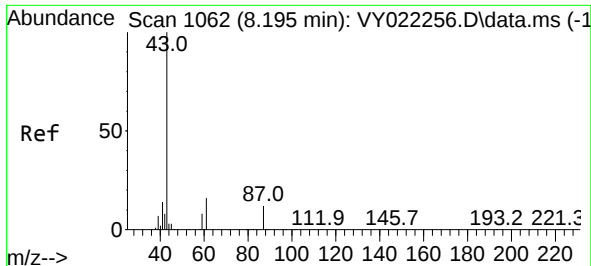
Tgt Ion:	41	Resp:	19185
Ion	Ratio	Lower	Upper
41	100		
39	58.7	39.1	58.7#
67	88.9	47.1	70.7#
52	35.9	21.4	32.0#



#42
1,2-Dichloroethane
Concen: 20.399 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

Tgt Ion:	62	Resp:	65234
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4

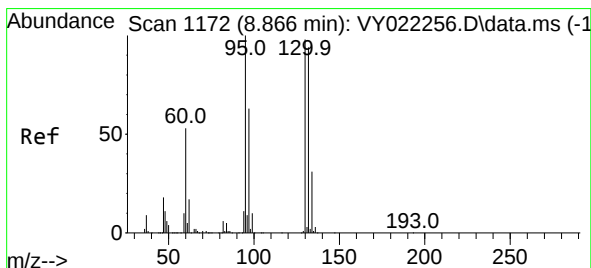
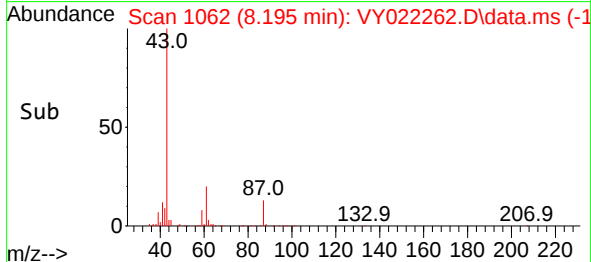
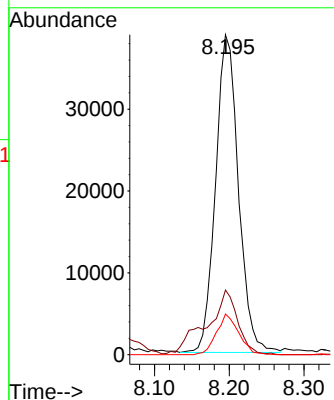
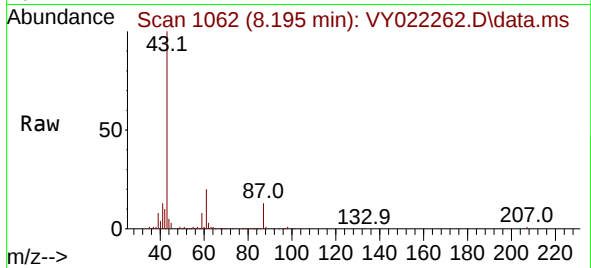




#43
Isopropyl Acetate
Concen: 19.763 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

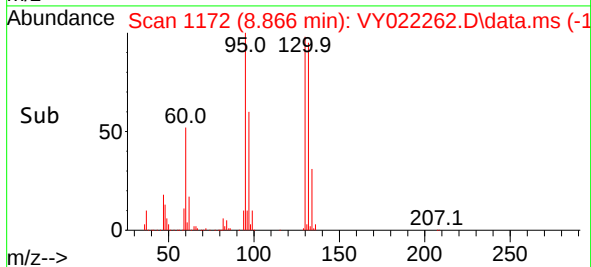
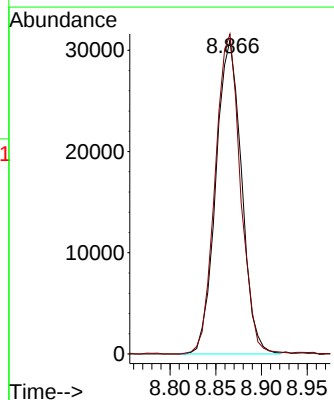
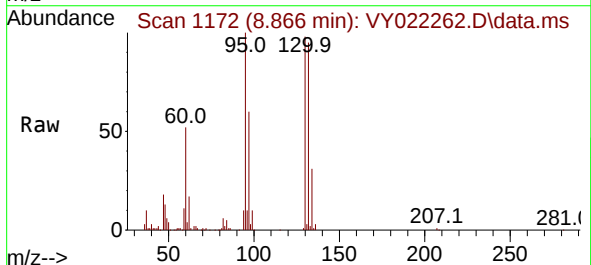
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

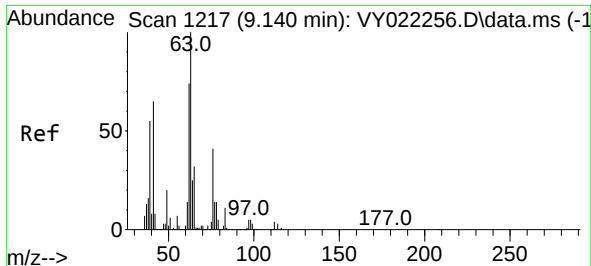
Tgt Ion: 43 Resp: 82723
Ion Ratio Lower Upper
43 100
61 27.7 15.1 22.7#
87 12.4 9.7 14.5



#44
Trichloroethene
Concen: 20.593 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

Tgt Ion:130 Resp: 60548
Ion Ratio Lower Upper
130 100
95 102.0 0.0 204.8





#45

1,2-Dichloropropane

Concen: 20.416 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

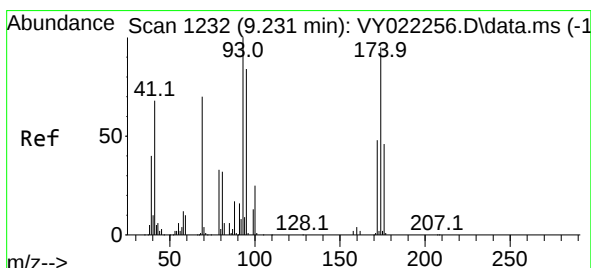
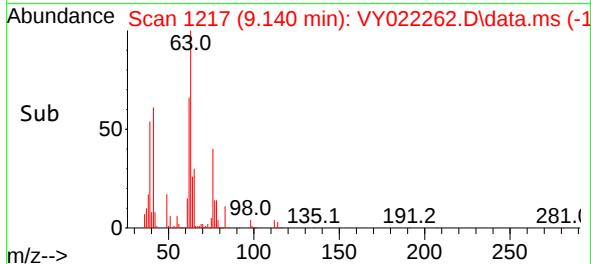
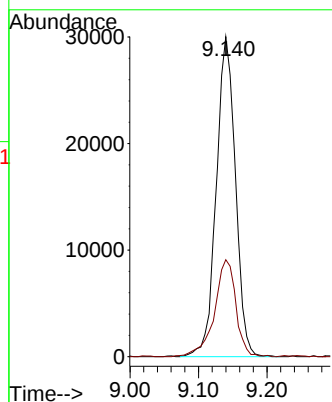
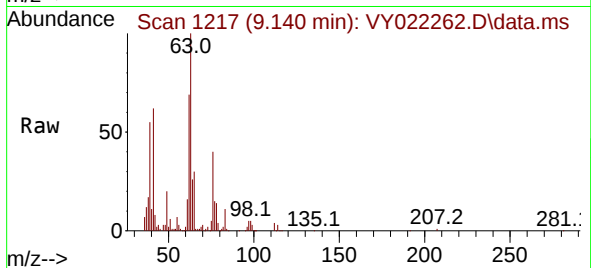
VY0515SBS01

Tgt Ion: 63 Resp: 58205

Ion Ratio Lower Upper

63 100

65 30.1 25.7 38.5



#46

Dibromomethane

Concen: 20.353 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

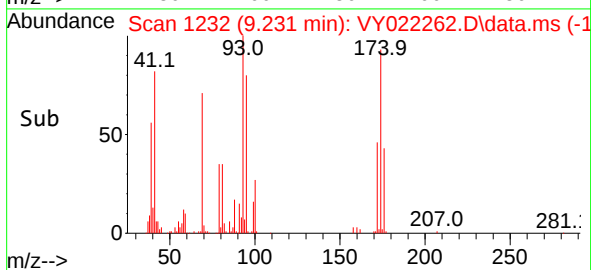
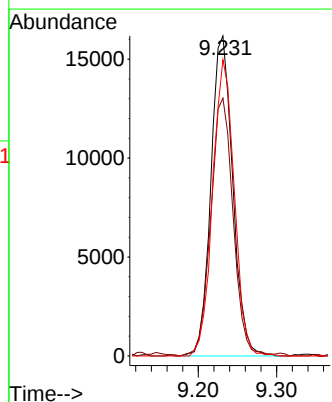
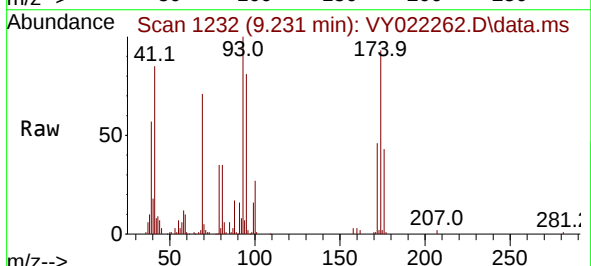
Tgt Ion: 93 Resp: 31296

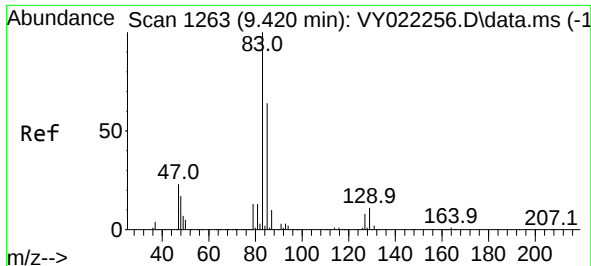
Ion Ratio Lower Upper

93 100

95 82.6 65.2 97.8

174 91.8 74.3 111.5

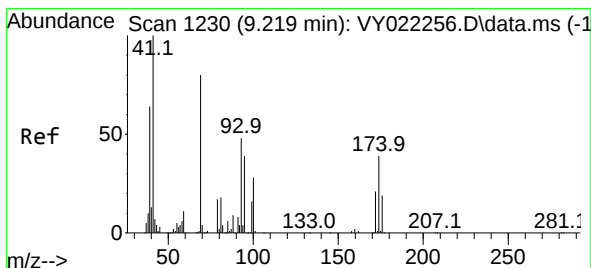
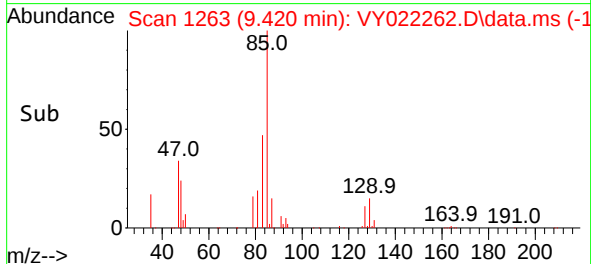
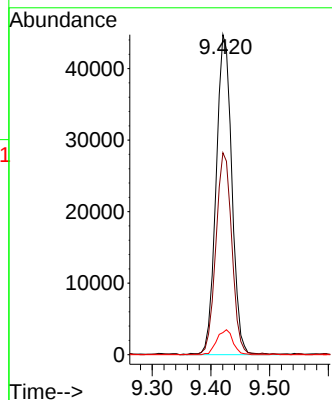
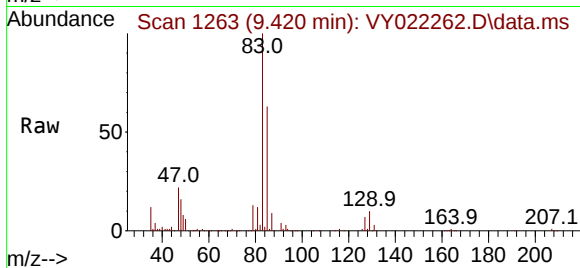




#47
Bromodichloromethane
Concen: 20.823 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

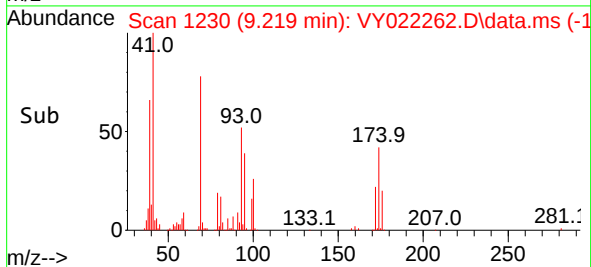
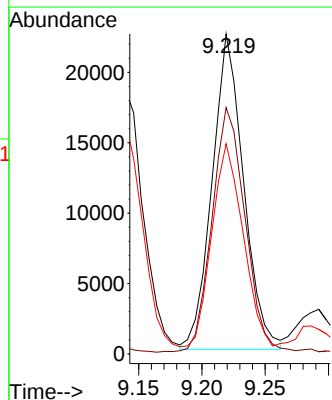
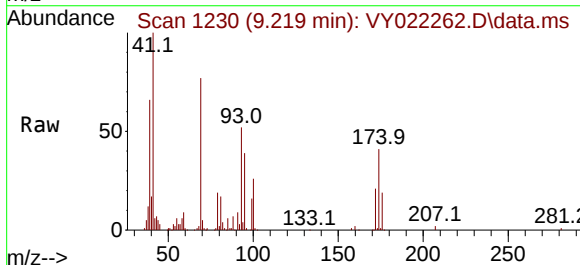
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

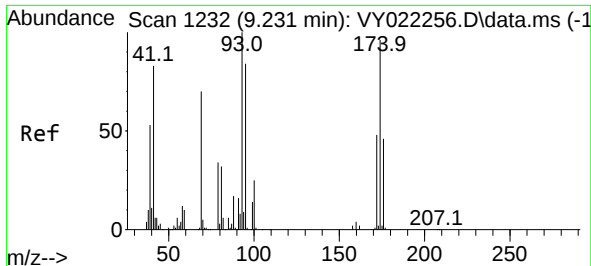
Tgt Ion: 83 Resp: 83066
Ion Ratio Lower Upper
83 100
85 63.1 51.1 76.7
127 6.9 6.6 10.0



#48
Methyl methacrylate
Concen: 19.803 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

Tgt Ion: 41 Resp: 38763
Ion Ratio Lower Upper
41 100
69 81.9 63.5 95.3
39 64.6 50.8 76.2





#49

1,4-Dioxane

Concen: 392.199 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

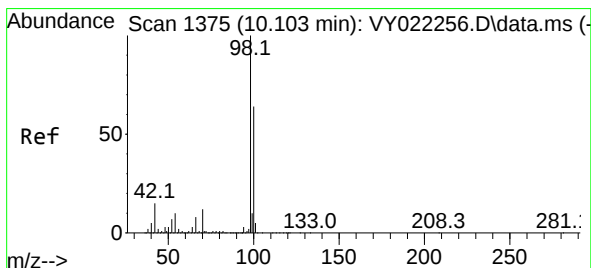
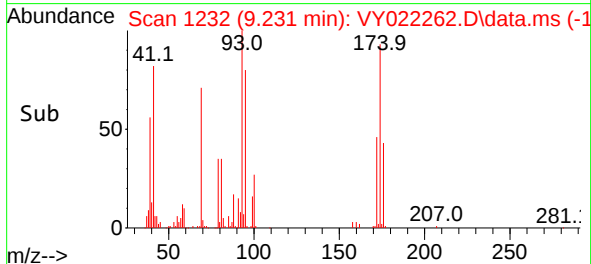
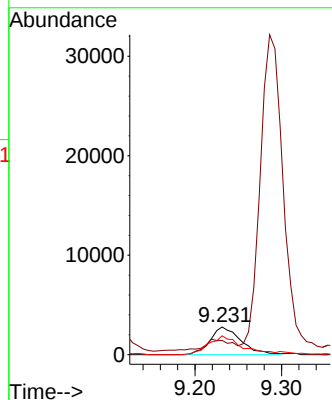
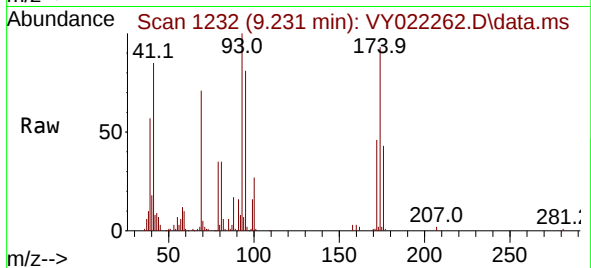
Tgt Ion: 88 Resp: 6813

Ion Ratio Lower Upper

88 100

43 41.9 28.5 42.7

58 72.9 61.4 92.2



#50

Toluene-d8

Concen: 51.282 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022262.D

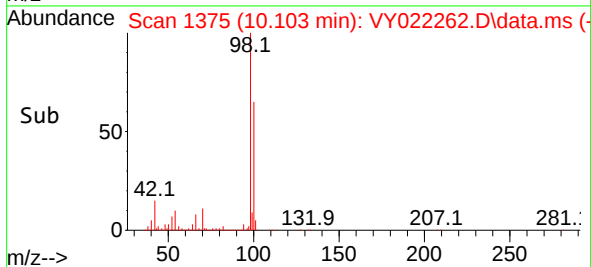
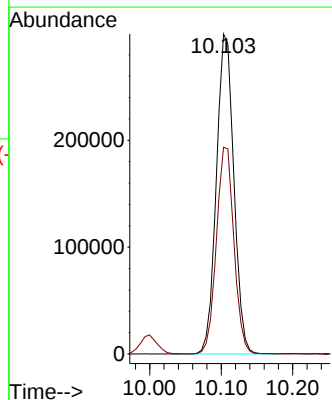
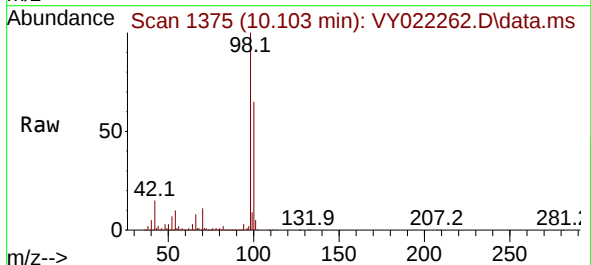
Acq: 15 May 2025 14:07

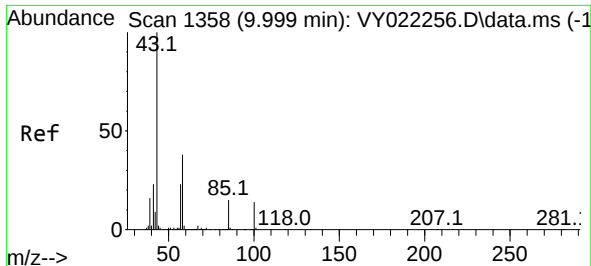
Tgt Ion: 98 Resp: 508643

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 98.097 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

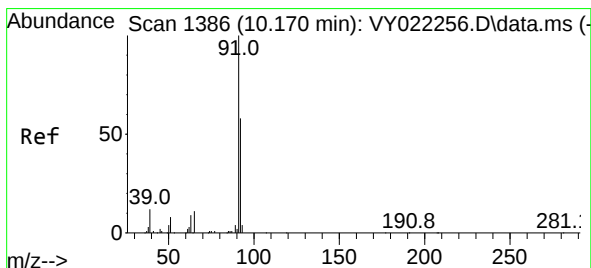
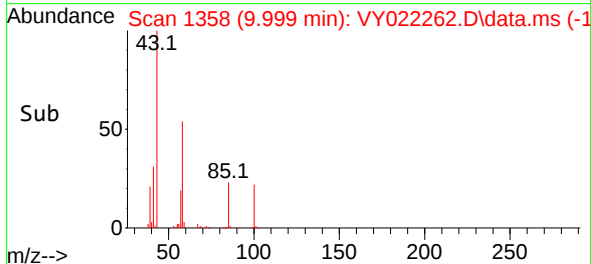
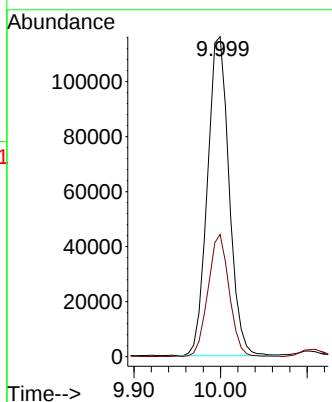
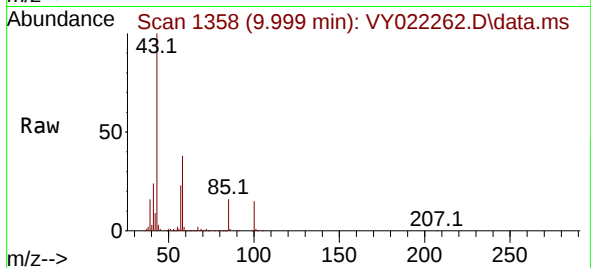
VY0515SBS01

Tgt Ion: 43 Resp: 201472

Ion Ratio Lower Upper

43 100

58 37.5 29.4 44.2



#52

Toluene

Concen: 20.135 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY022262.D

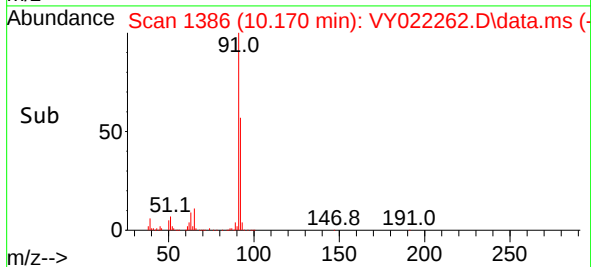
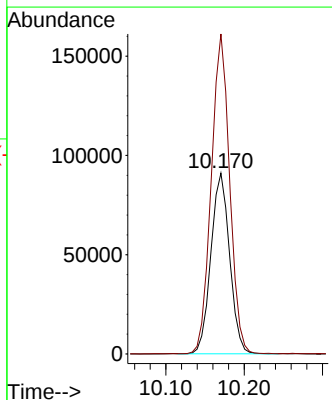
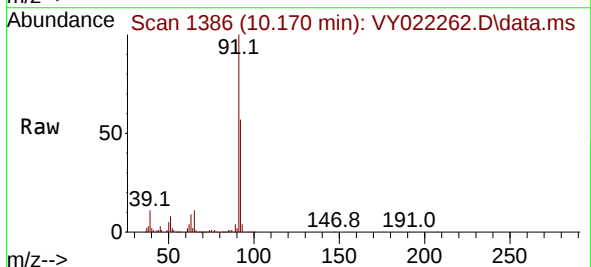
Acq: 15 May 2025 14:07

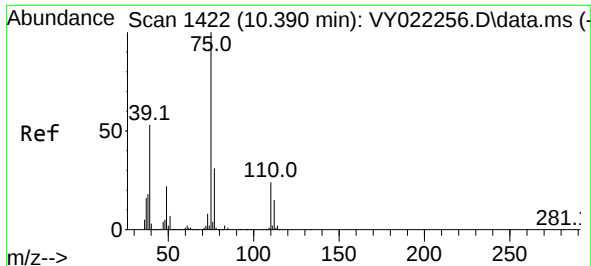
Tgt Ion: 92 Resp: 150777

Ion Ratio Lower Upper

92 100

91 174.3 139.1 208.7

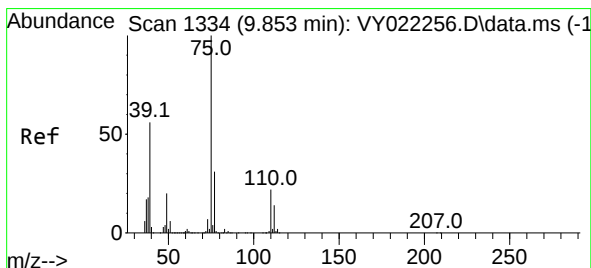
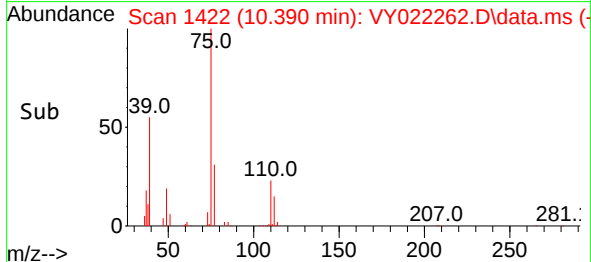
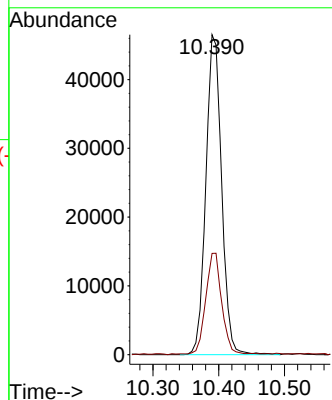
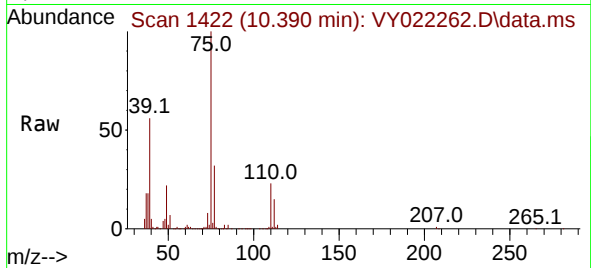




#53
 t-1,3-Dichloropropene
 Concen: 19.893 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY022262.D
 Acq: 15 May 2025 14:07

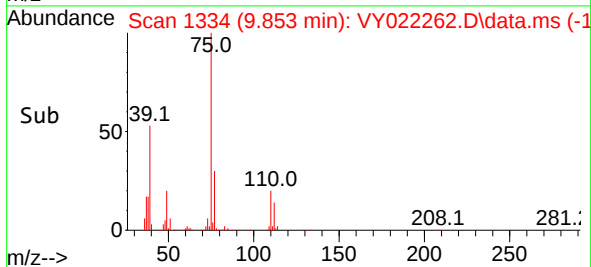
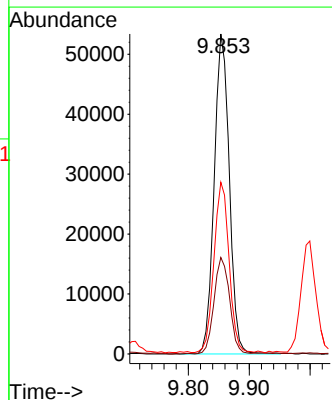
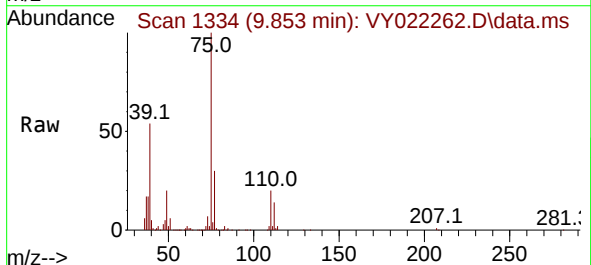
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBS01

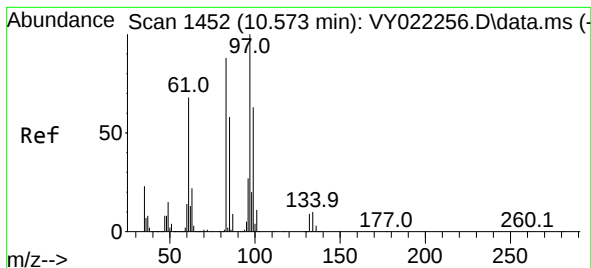
Tgt Ion: 75 Resp: 77444
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 20.623 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022262.D
 Acq: 15 May 2025 14:07

Tgt Ion: 75 Resp: 91983
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.1 37.7
 39 53.0 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 20.190 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

Tgt Ion: 97 Resp: 39755

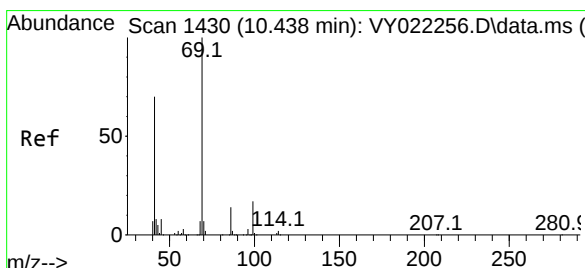
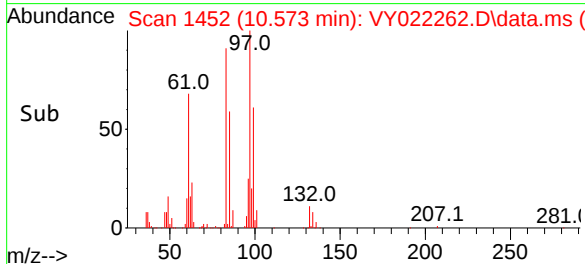
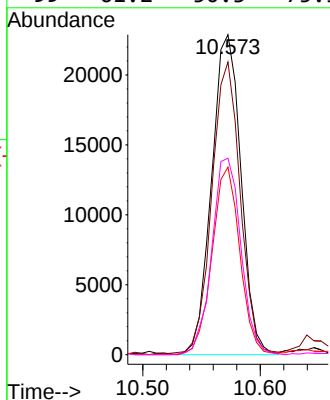
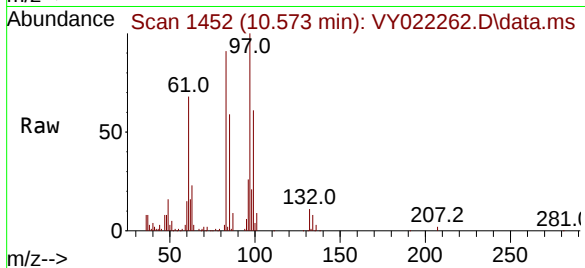
Ion Ratio Lower Upper

97 100

83 90.8 70.3 105.5

85 58.6 46.2 69.4

99 61.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.707 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

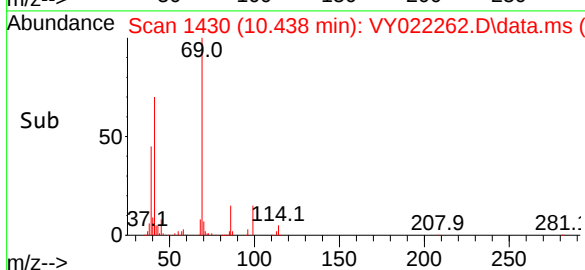
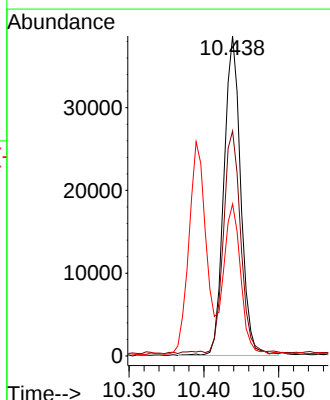
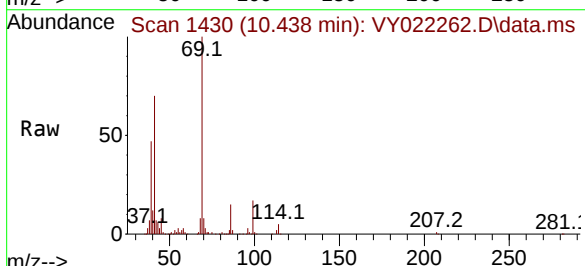
Tgt Ion: 69 Resp: 60445

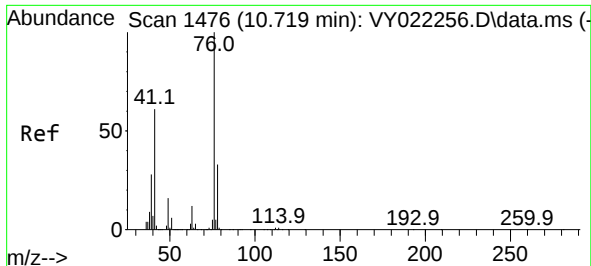
Ion Ratio Lower Upper

69 100

41 70.4 56.5 84.7

39 47.1 37.1 55.7





#57

1,3-Dichloropropane

Concen: 20.284 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

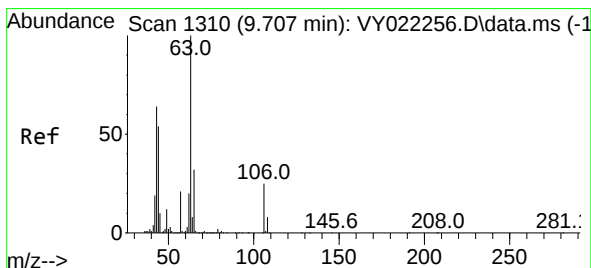
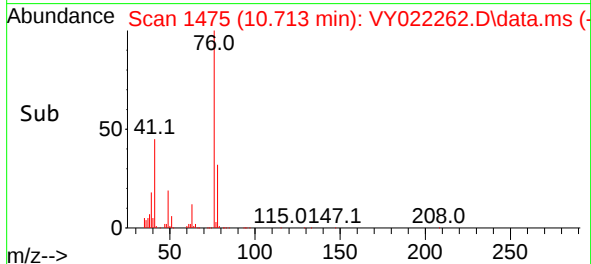
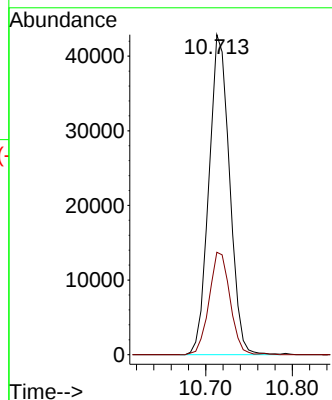
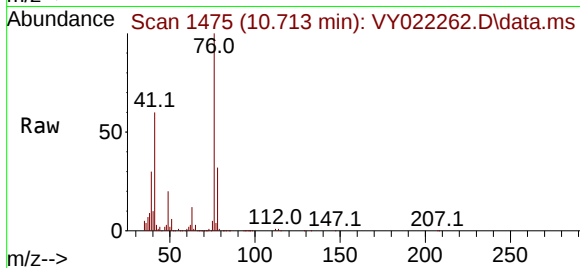
VY0515SBS01

Tgt Ion: 76 Resp: 70964

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 90.134 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022262.D

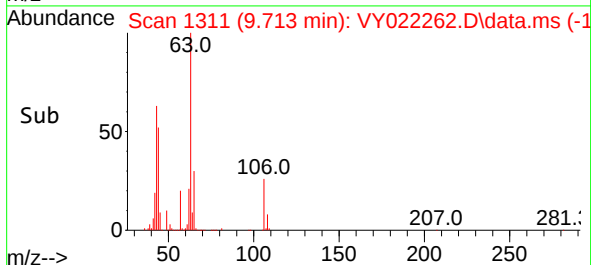
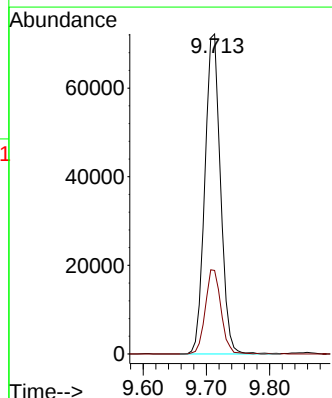
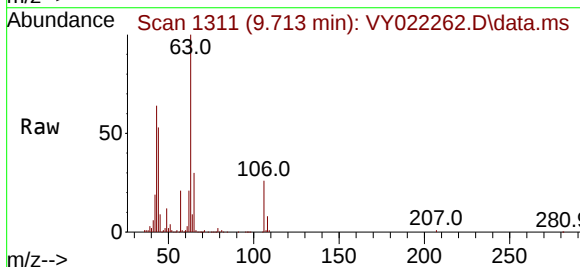
Acq: 15 May 2025 14:07

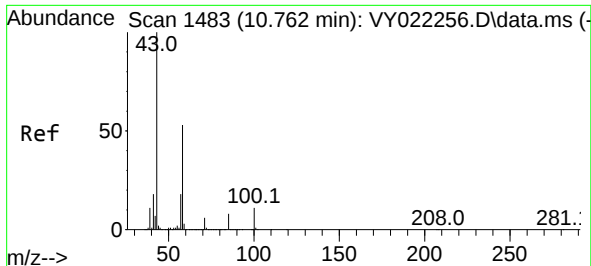
Tgt Ion: 63 Resp: 124088

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.4

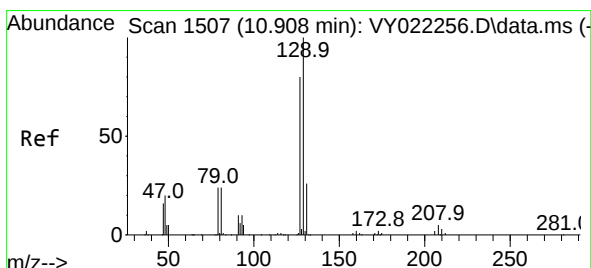
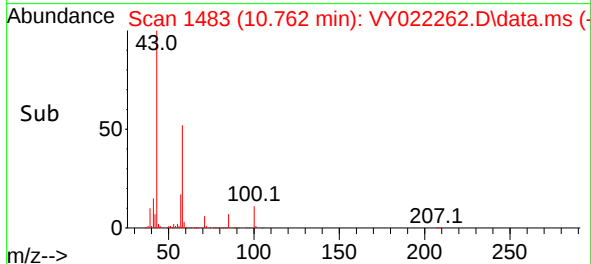
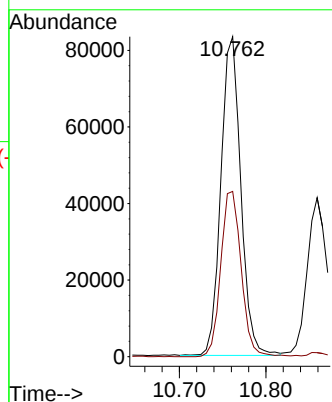
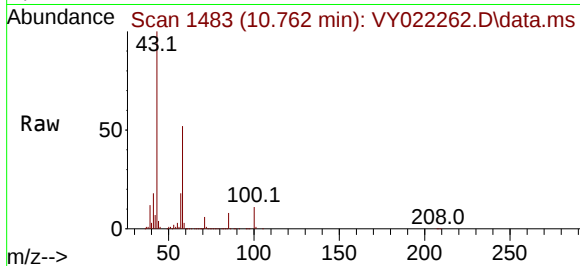




#59
2-Hexanone
Concen: 96.437 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

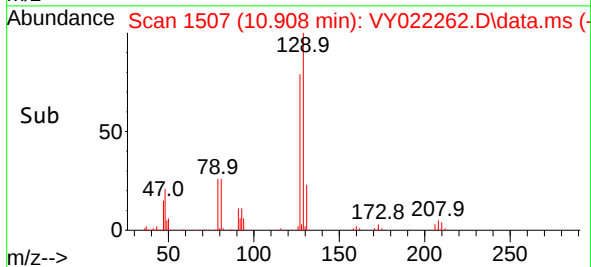
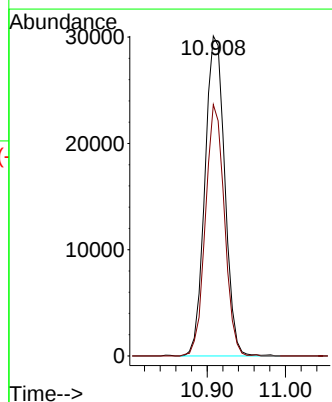
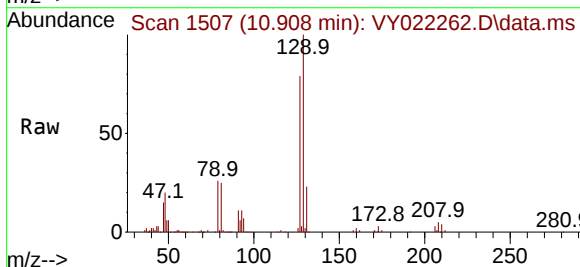
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

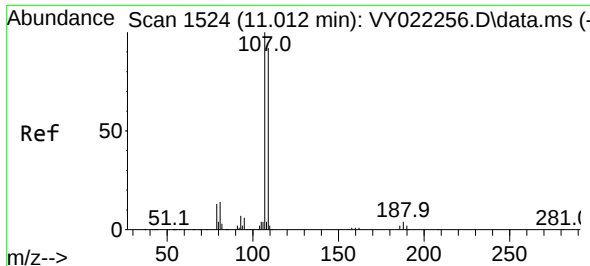
Tgt Ion: 43 Resp: 132798
Ion Ratio Lower Upper
43 100
58 53.4 26.1 78.3



#60
Dibromochloromethane
Concen: 20.662 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

Tgt Ion: 129 Resp: 52808
Ion Ratio Lower Upper
129 100
127 75.1 38.6 115.7

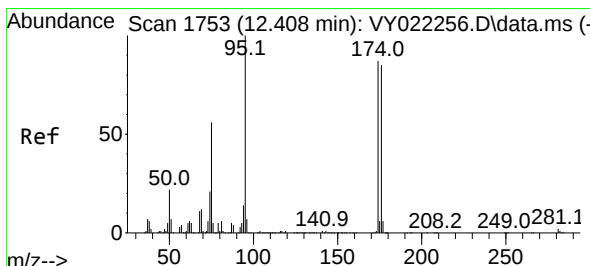
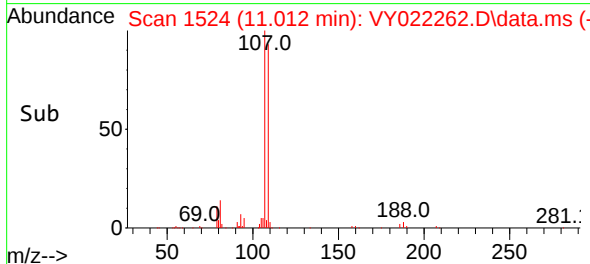
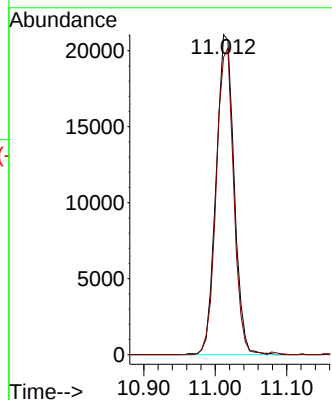
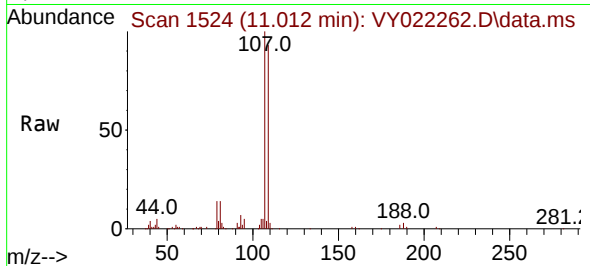




#61
1,2-Dibromoethane
Concen: 20.089 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

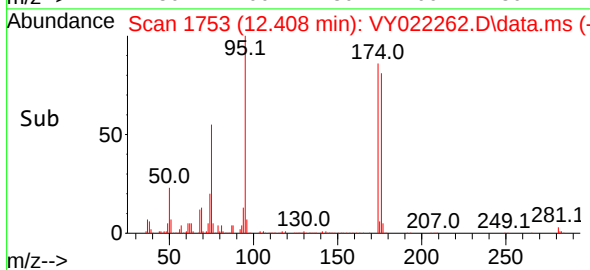
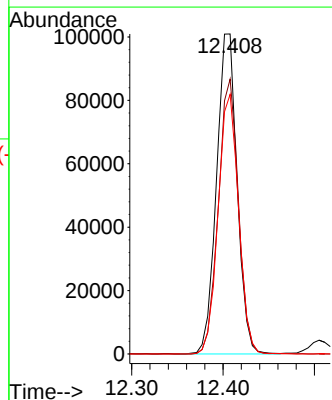
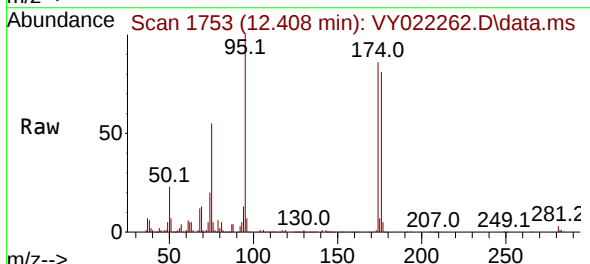
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

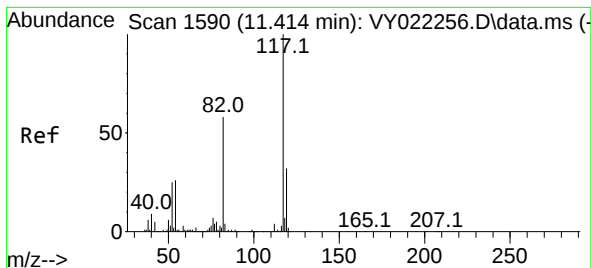
Tgt Ion:107 Resp: 36868
Ion Ratio Lower Upper
107 100
109 93.1 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 50.222 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

Tgt Ion: 95 Resp: 157889
Ion Ratio Lower Upper
95 100
174 84.0 0.0 166.8
176 80.6 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

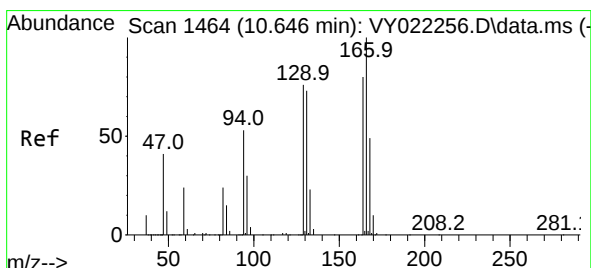
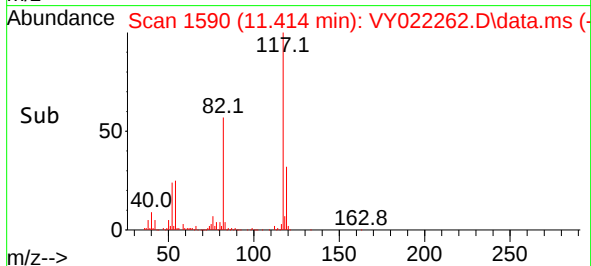
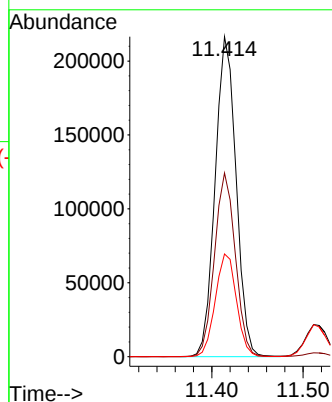
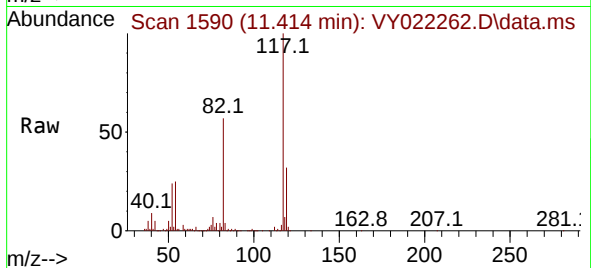
Tgt Ion:117 Resp: 344872

Ion Ratio Lower Upper

117 100

82 57.3 46.6 70.0

119 32.1 25.8 38.6



#64

Tetrachloroethene

Concen: 19.886 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Tgt Ion:164 Resp: 63391

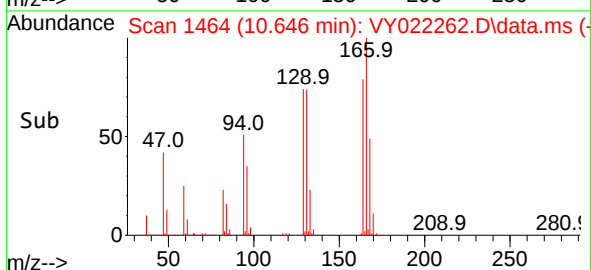
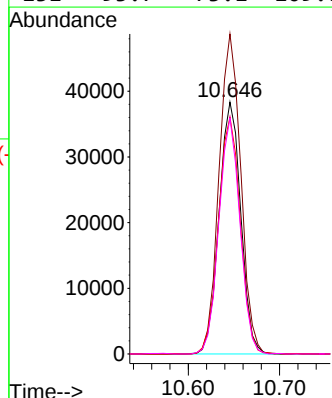
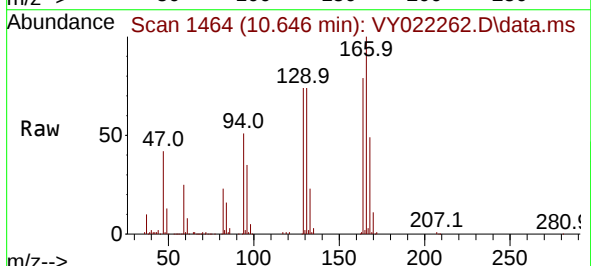
Ion Ratio Lower Upper

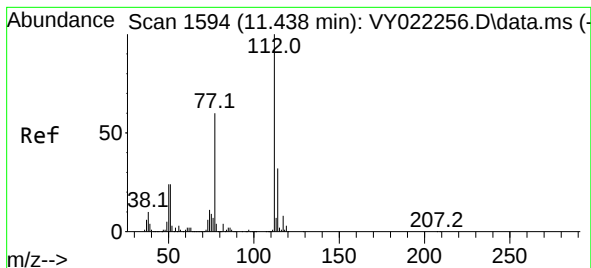
164 100

166 127.1 100.4 150.6

129 94.1 76.4 114.6

131 93.7 73.1 109.7





#65

Chlorobenzene

Concen: 20.297 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

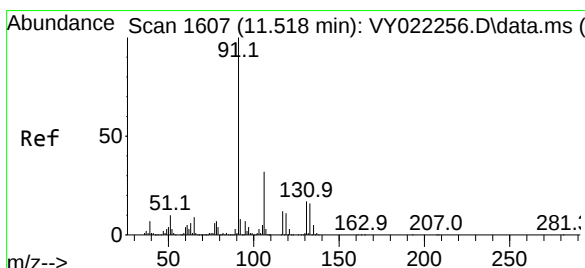
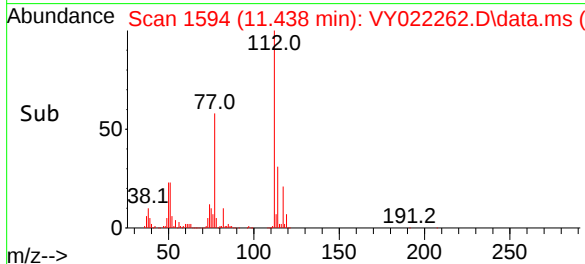
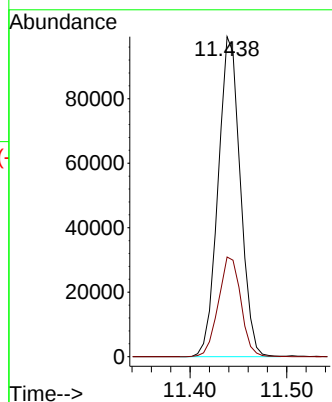
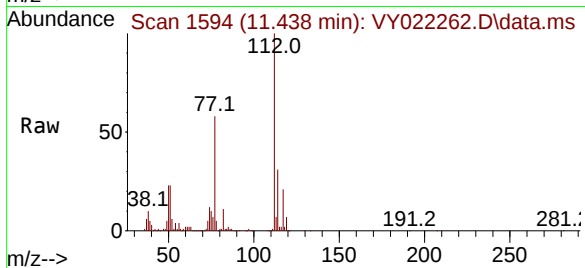
VY0515SBS01

Tgt Ion:112 Resp: 157927

Ion Ratio Lower Upper

112 100

114 31.2 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.721 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

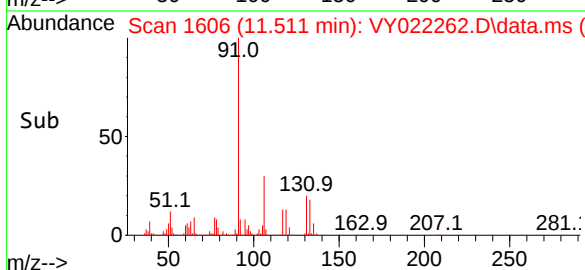
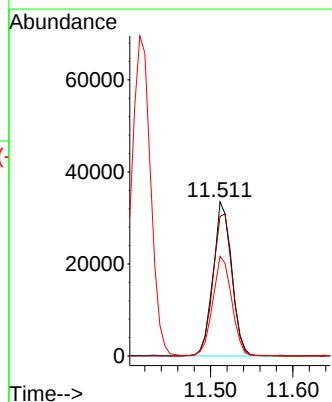
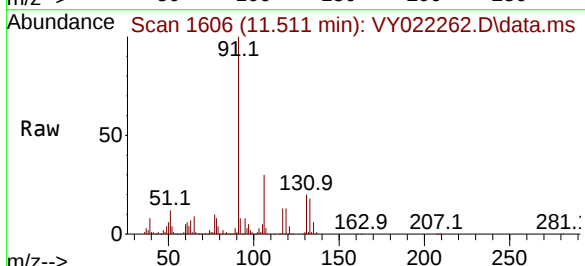
Tgt Ion:131 Resp: 52751

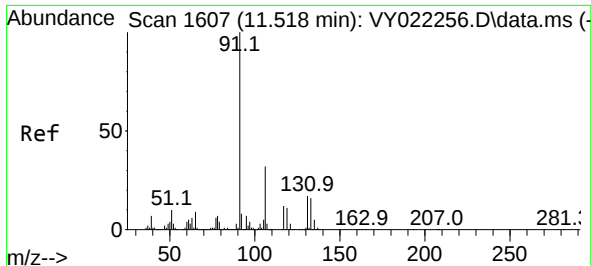
Ion Ratio Lower Upper

131 100

133 95.8 47.3 141.9

119 66.3 33.1 99.2





#67

Ethyl Benzene

Concen: 20.095 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

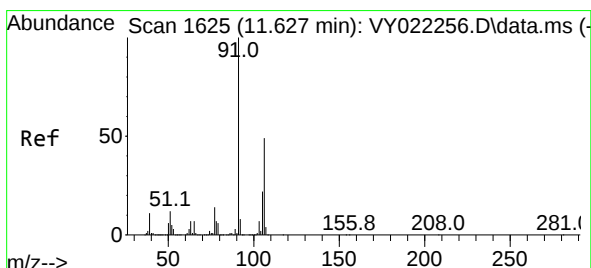
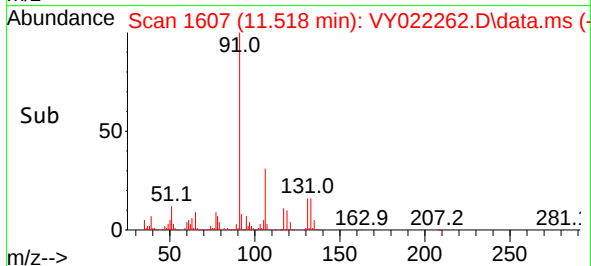
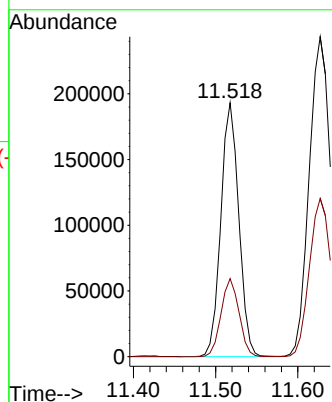
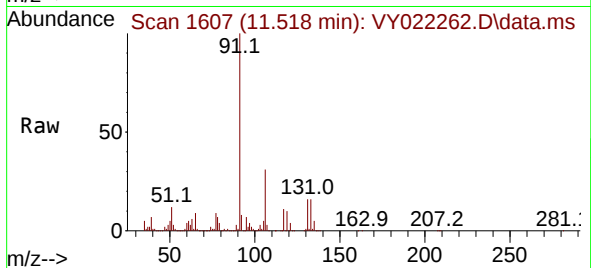
VY0515SBS01

Tgt Ion: 91 Resp: 292819

Ion Ratio Lower Upper

91 100

106 30.8 25.4 38.0



#68

m/p-Xylenes

Concen: 39.750 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022262.D

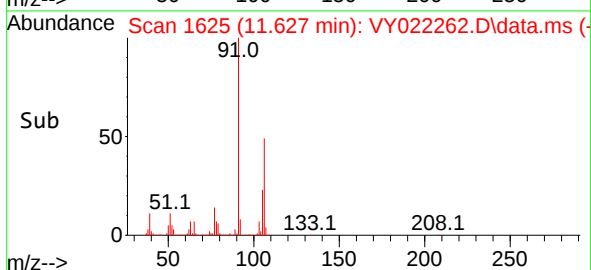
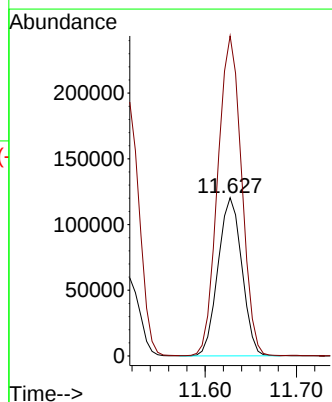
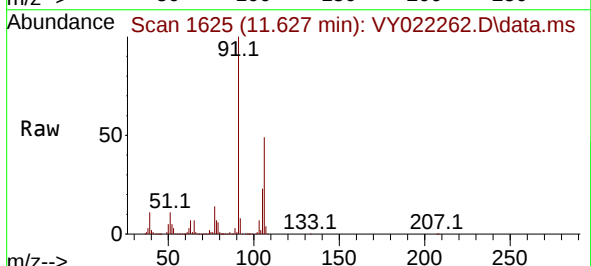
Acq: 15 May 2025 14:07

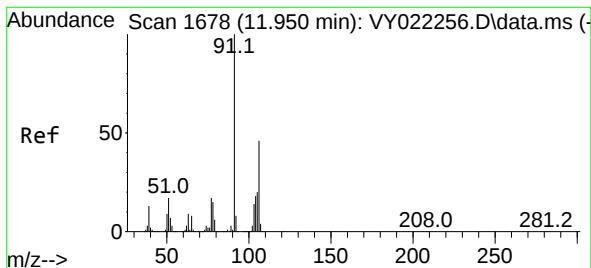
Tgt Ion: 106 Resp: 218261

Ion Ratio Lower Upper

106 100

91 202.3 163.0 244.4





#69

o-Xylene

Concen: 19.946 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

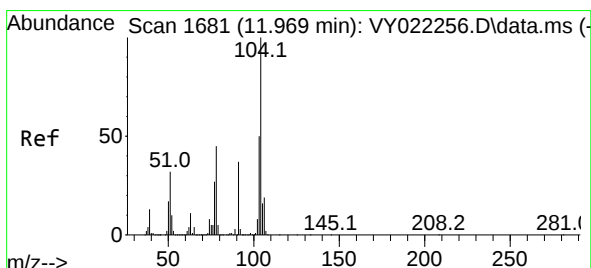
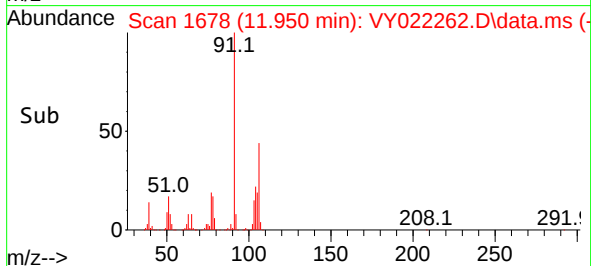
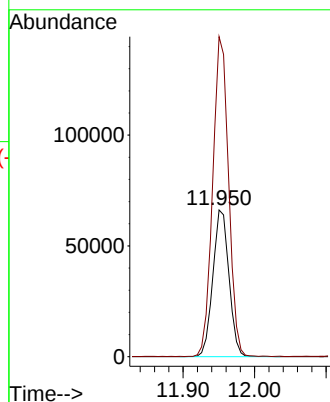
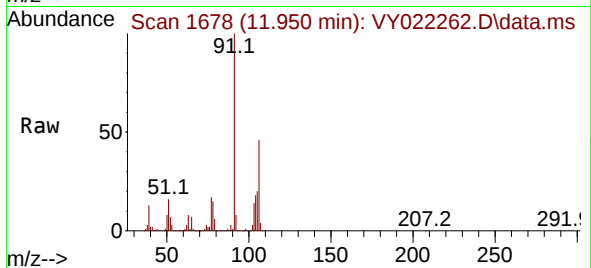
VY0515SBS01

Tgt Ion:106 Resp: 103620

Ion Ratio Lower Upper

106 100

91 214.9 108.3 324.8



#70

Styrene

Concen: 19.833 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

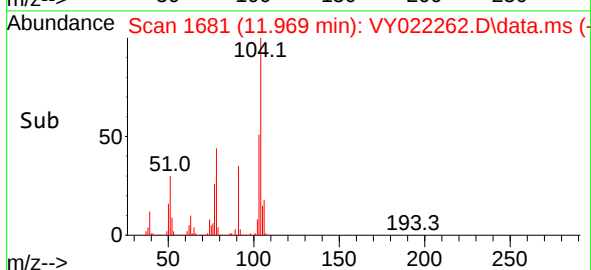
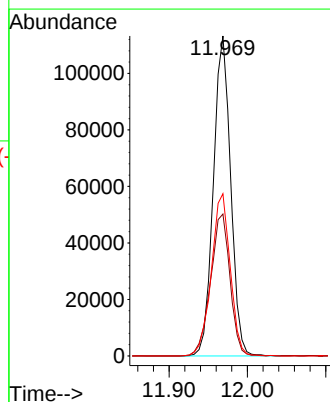
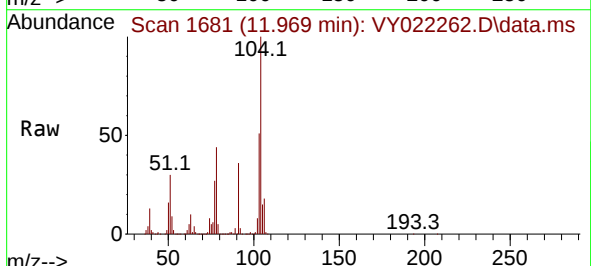
Tgt Ion:104 Resp: 173798

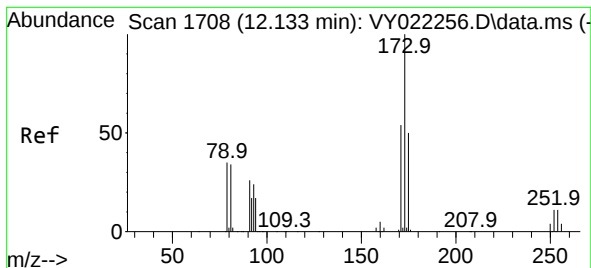
Ion Ratio Lower Upper

104 100

78 49.9 40.9 61.3

103 55.3 43.7 65.5





#71

Bromoform

Concen: 19.817 ug/l

RT: 12.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

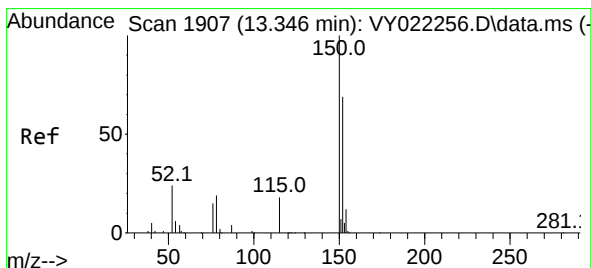
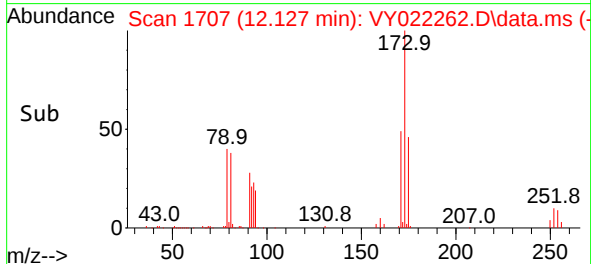
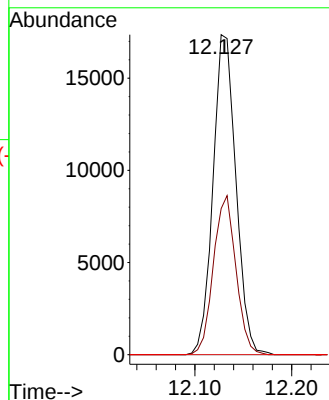
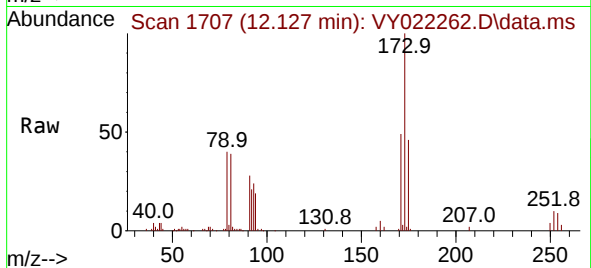
Tgt Ion:173 Resp: 28611

Ion Ratio Lower Upper

173 100

175 48.7 24.7 74.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

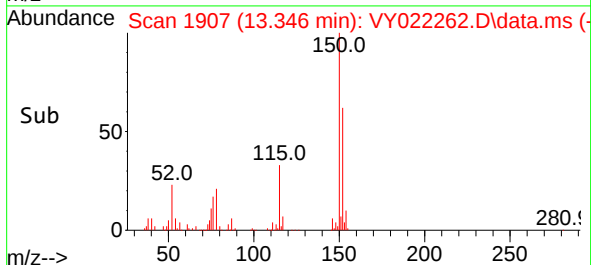
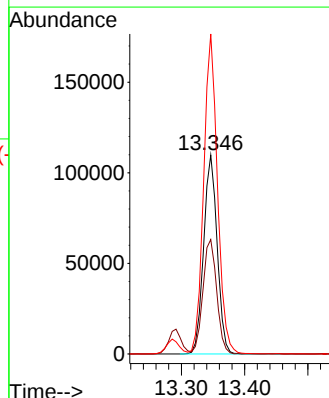
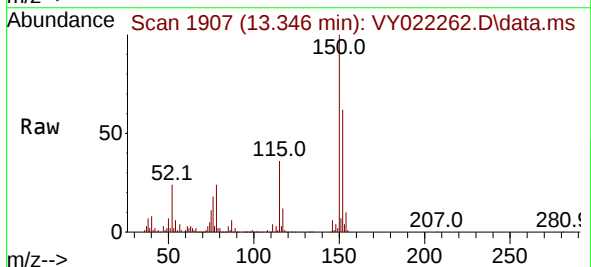
Tgt Ion:152 Resp: 163448

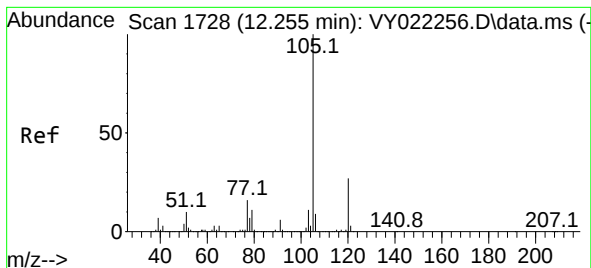
Ion Ratio Lower Upper

152 100

115 58.6 29.4 88.2

150 164.2 0.0 353.8





#73

Isopropylbenzene

Concen: 20.157 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

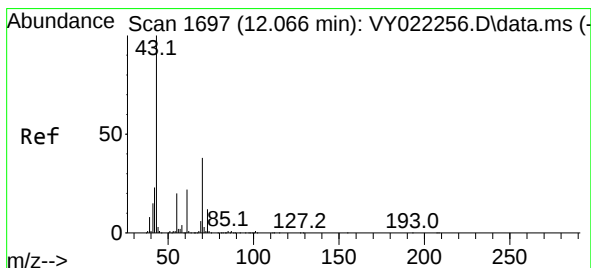
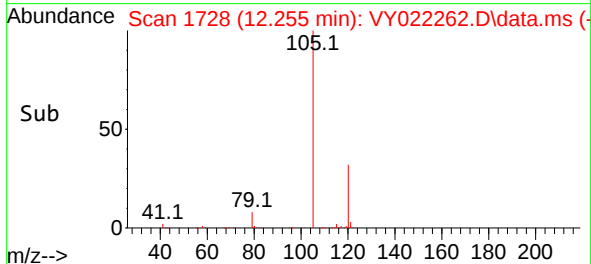
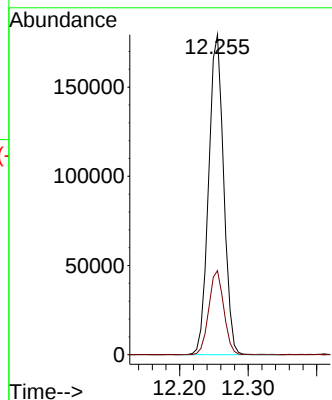
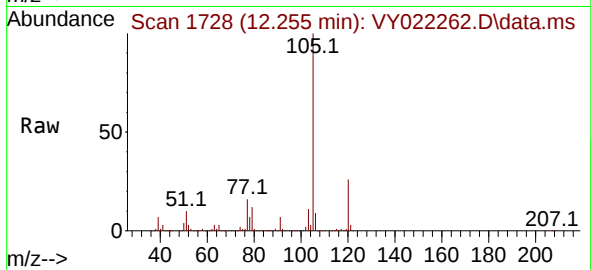
VY0515SBS01

Tgt Ion:105 Resp: 272938

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 19.483 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Tgt Ion: 43 Resp: 75451

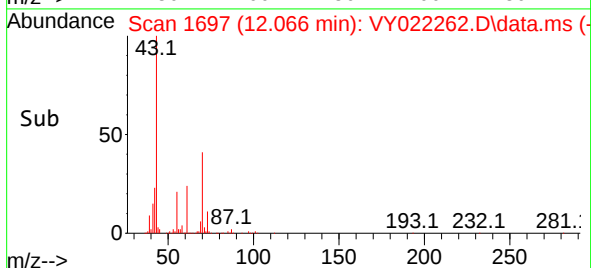
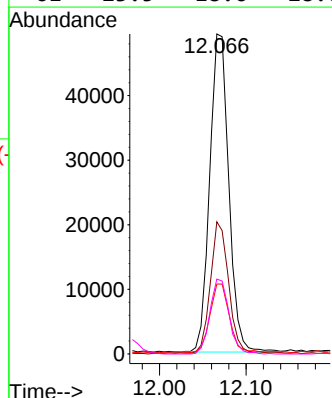
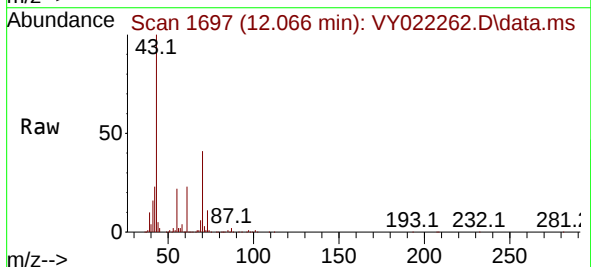
Ion Ratio Lower Upper

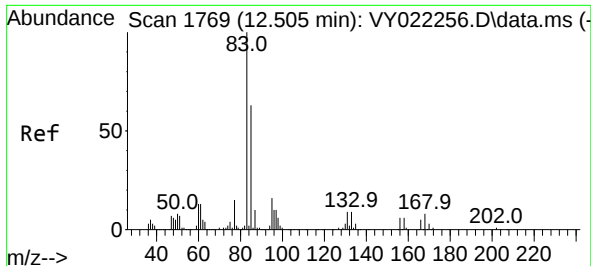
43 100

70 39.2 31.4 47.0

55 21.9 17.0 25.6

61 23.5 18.6 28.0

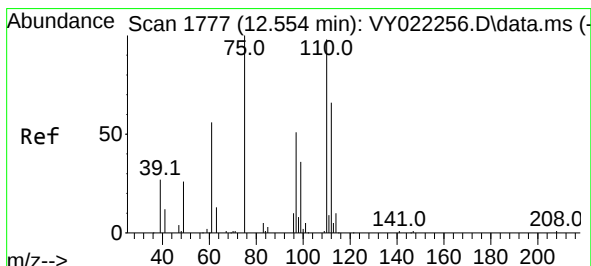
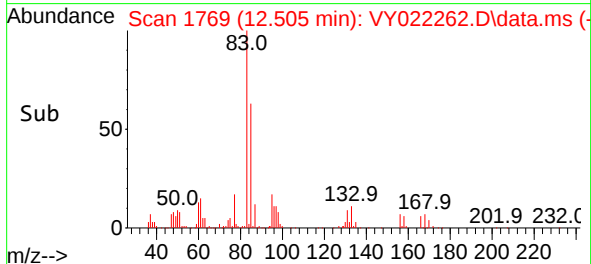
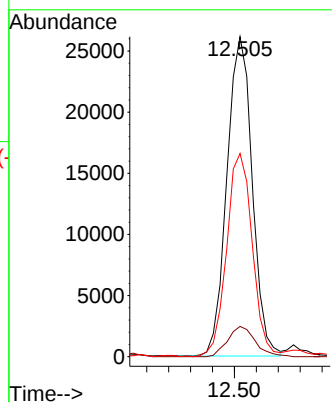
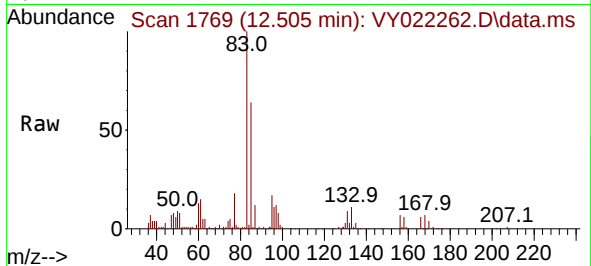




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.143 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022262.D
 Acq: 15 May 2025 14:07

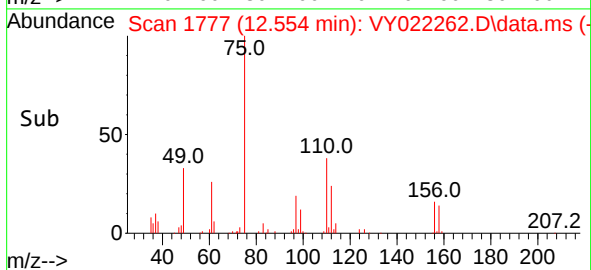
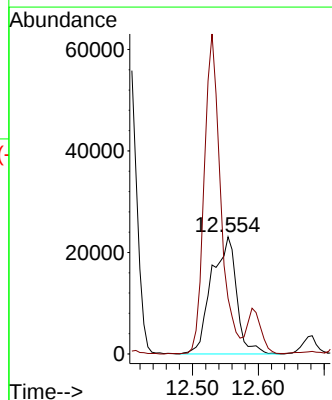
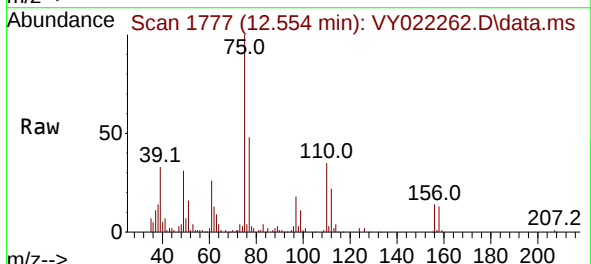
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBS01

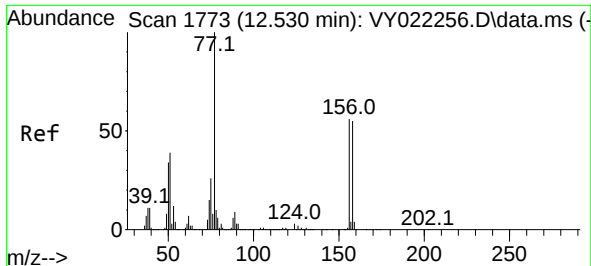
Tgt Ion: 83 Resp: 41948
 Ion Ratio Lower Upper
 83 100
 131 10.3 4.9 14.7
 85 64.5 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 37.051 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022262.D
 Acq: 15 May 2025 14:07

Tgt Ion: 75 Resp: 61352
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

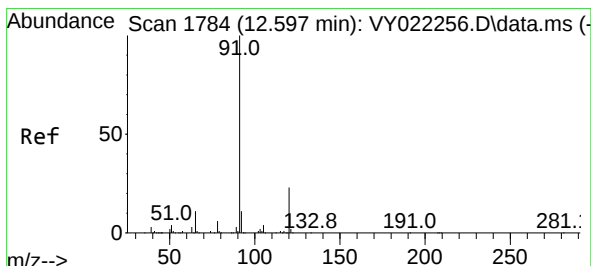
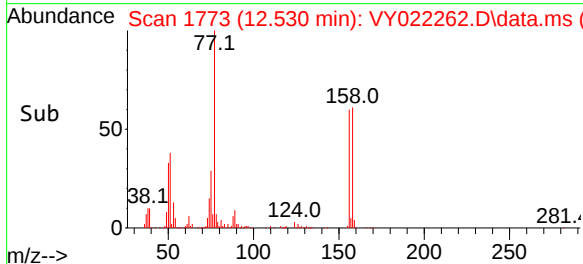
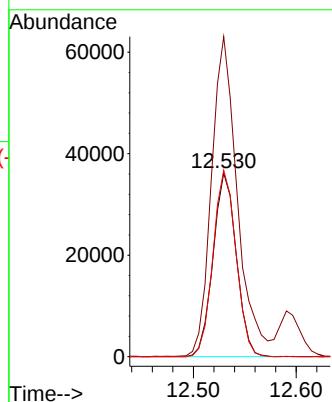
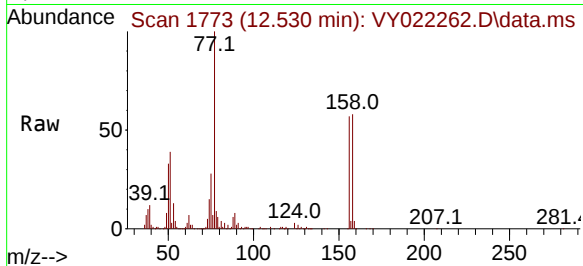




#77
Bromobenzene
Concen: 19.600 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

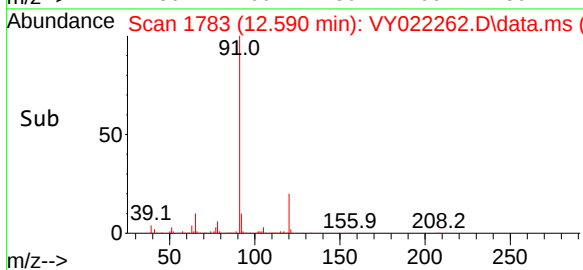
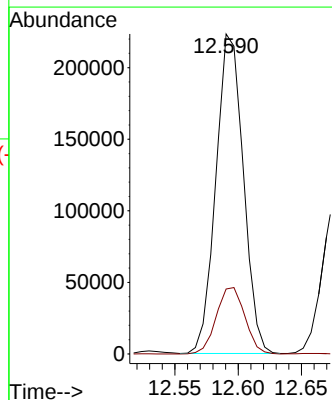
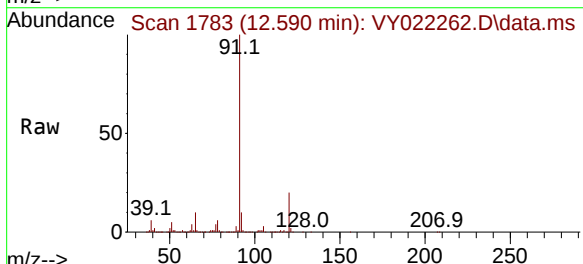
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

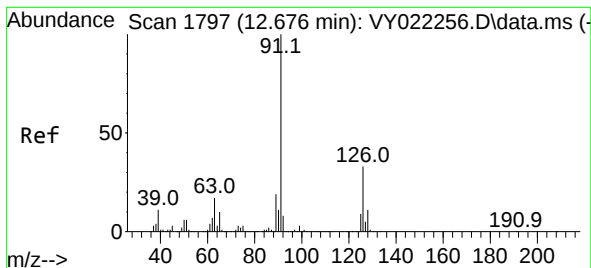
Tgt Ion:156 Resp: 56683
Ion Ratio Lower Upper
156 100
77 194.1 94.5 283.6
158 100.6 48.4 145.3



#78
n-propylbenzene
Concen: 20.598 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

Tgt Ion: 91 Resp: 336430
Ion Ratio Lower Upper
91 100
120 21.6 11.1 33.3





#79

2-Chlorotoluene

Concen: 19.817 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

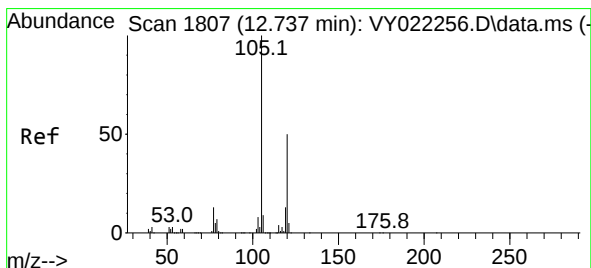
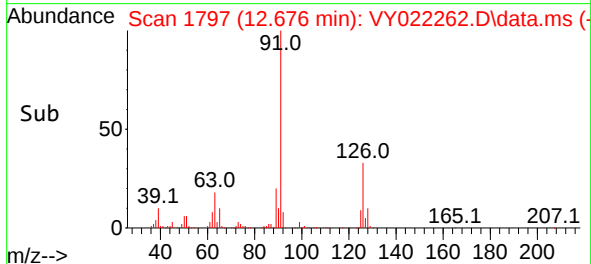
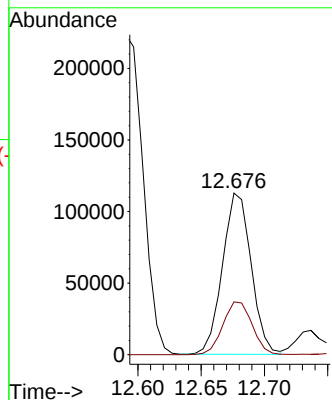
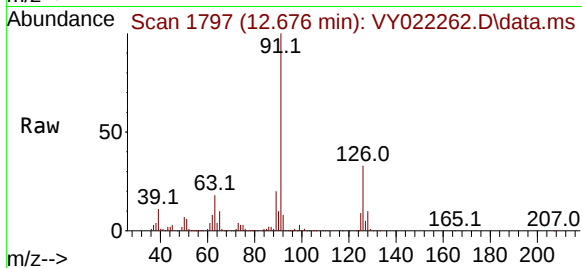
VY0515SBS01

Tgt Ion: 91 Resp: 177870

Ion Ratio Lower Upper

91 100

126 33.5 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 19.858 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022262.D

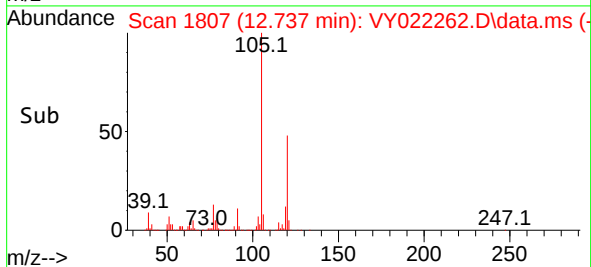
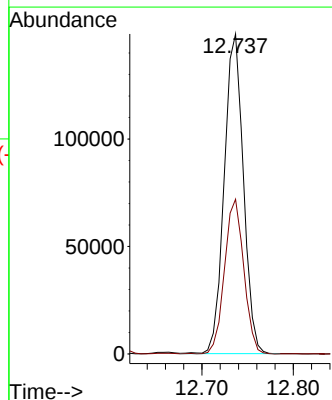
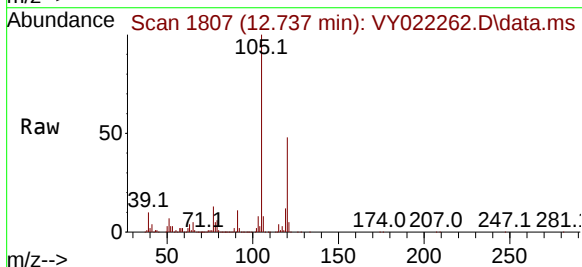
Acq: 15 May 2025 14:07

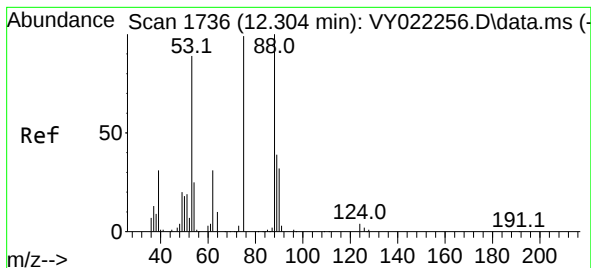
Tgt Ion: 105 Resp: 217065

Ion Ratio Lower Upper

105 100

120 48.7 24.2 72.6

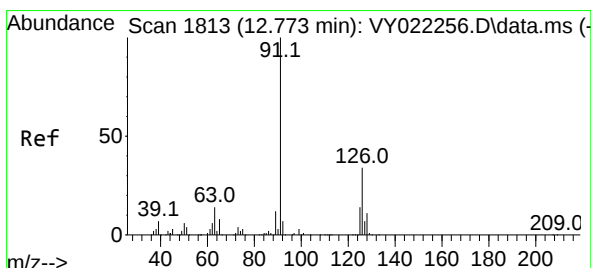
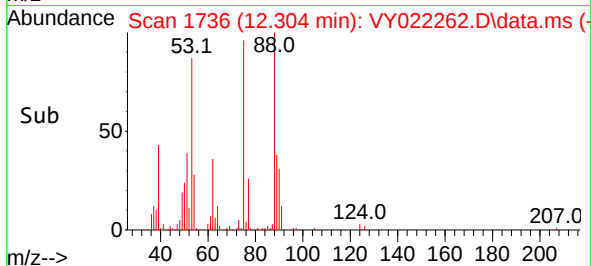
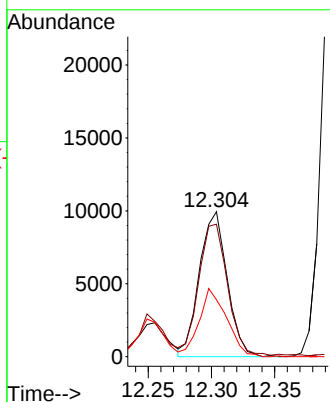
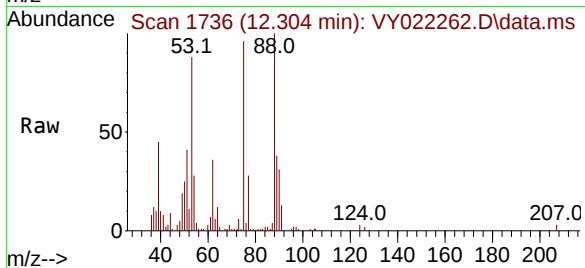




#81
trans-1,4-Dichloro-2-butene
Concen: 18.629 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

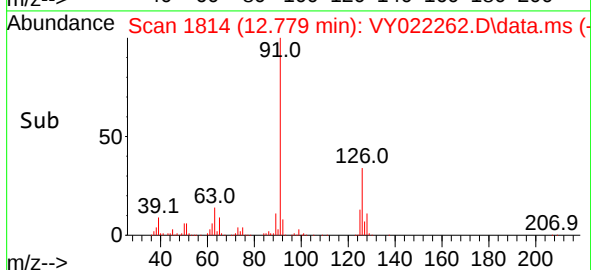
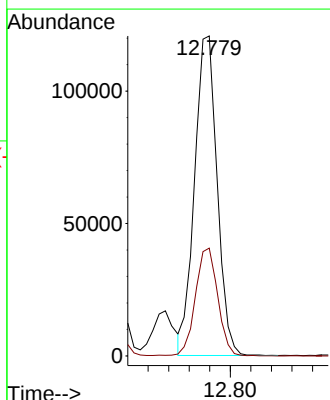
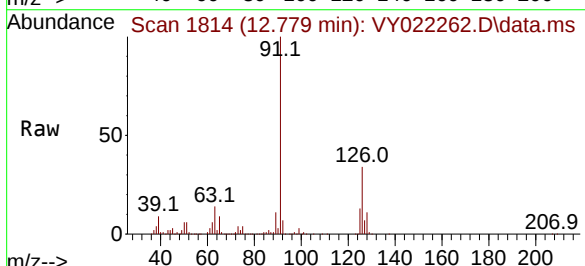
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

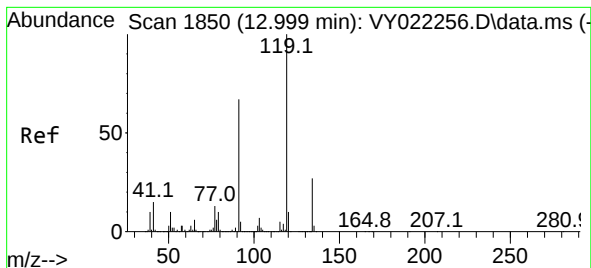
Tgt Ion: 75 Resp: 15228
Ion Ratio Lower Upper
75 100
53 94.9 75.8 113.8
89 46.4 36.2 54.2



#82
4-Chlorotoluene
Concen: 19.935 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

Tgt Ion: 91 Resp: 184041
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4





#83

tert-Butylbenzene

Concen: 20.324 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

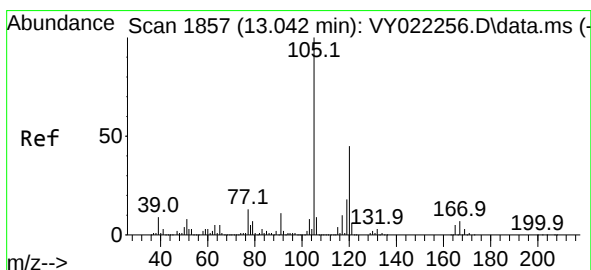
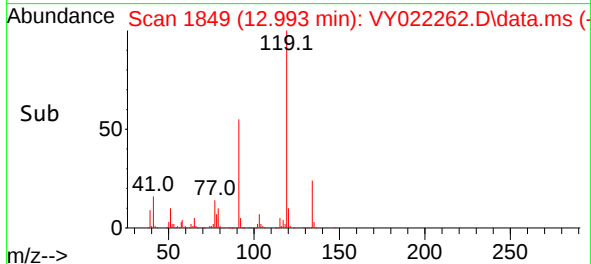
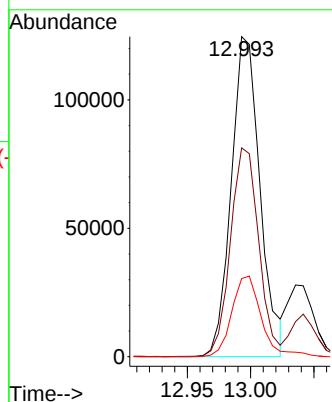
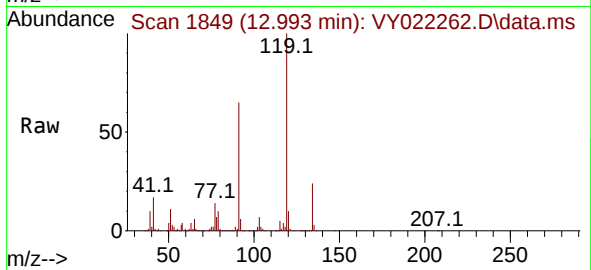
Tgt Ion:119 Resp: 197455

Ion Ratio Lower Upper

119 100

91 64.4 32.8 98.3

134 25.8 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 19.988 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022262.D

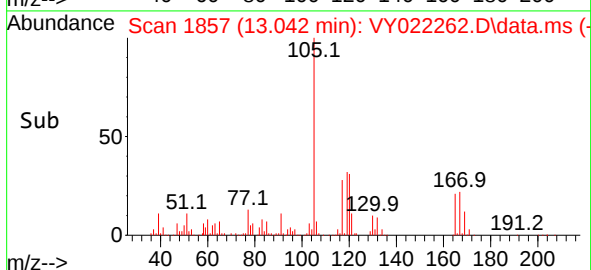
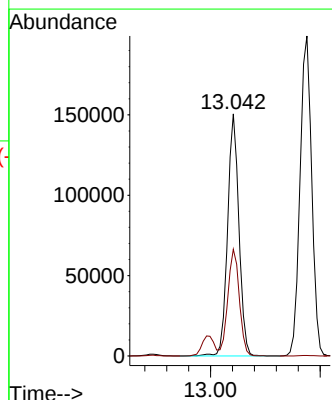
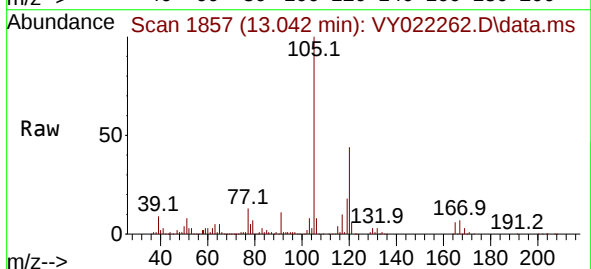
Acq: 15 May 2025 14:07

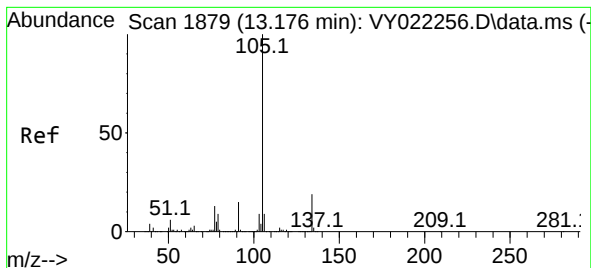
Tgt Ion:105 Resp: 216888

Ion Ratio Lower Upper

105 100

120 45.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.300 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

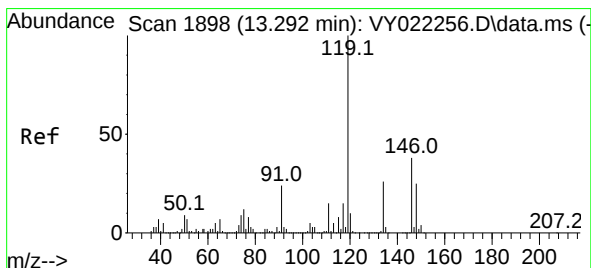
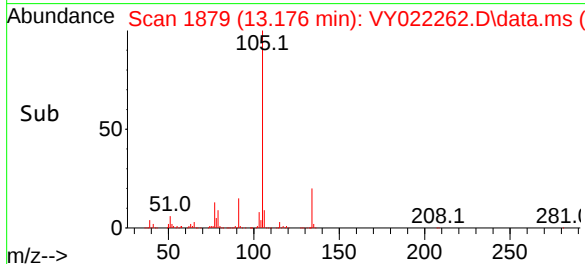
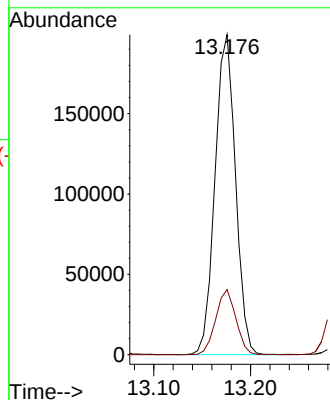
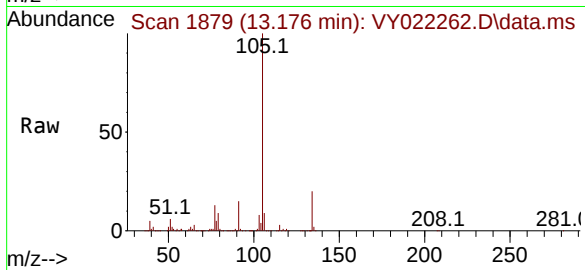
VY0515SBS01

Tgt Ion:105 Resp: 292767

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.5



#86

p-Isopropyltoluene

Concen: 19.905 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

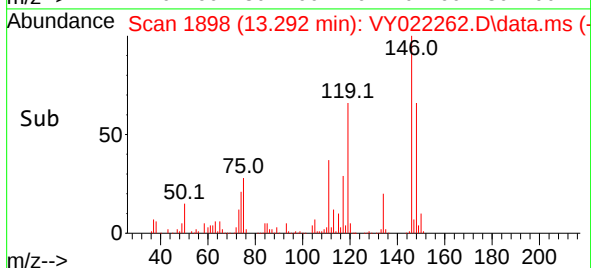
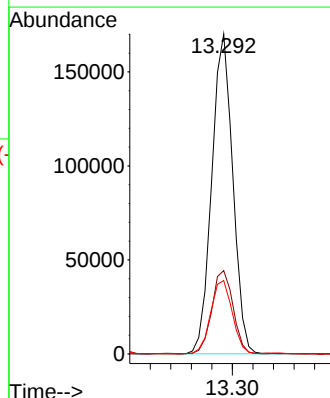
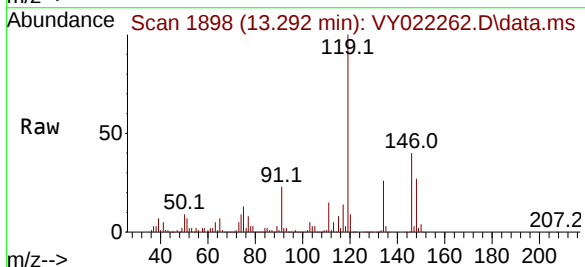
Tgt Ion:119 Resp: 241434

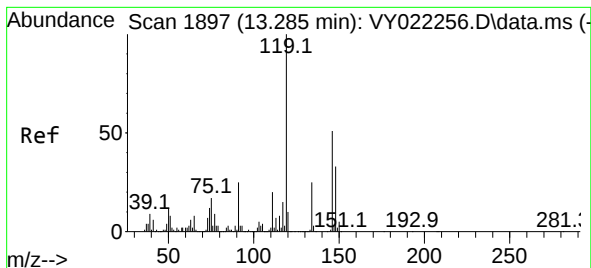
Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.6

91 23.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 19.611 ug/l

RT: 13.285 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

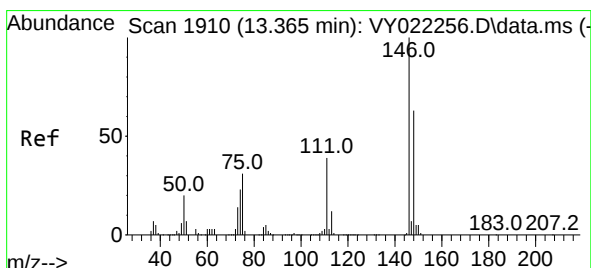
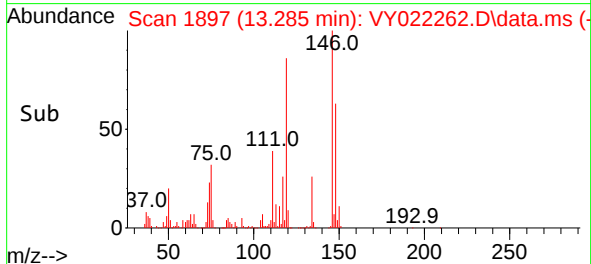
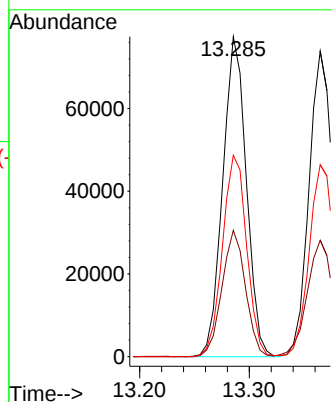
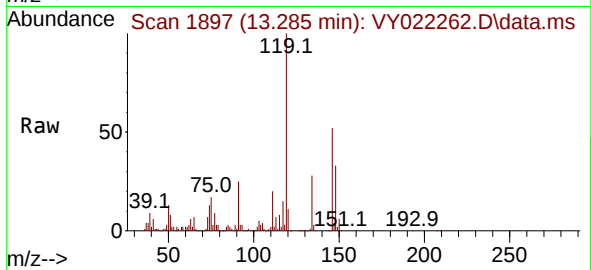
Tgt Ion:146 Resp: 115782

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

148 64.6 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.924 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

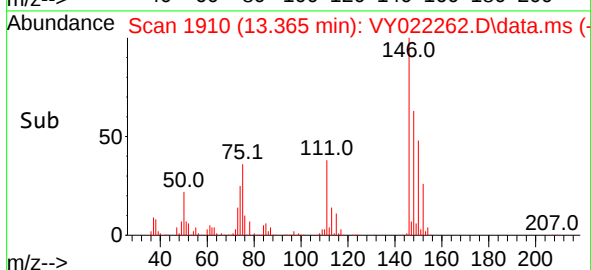
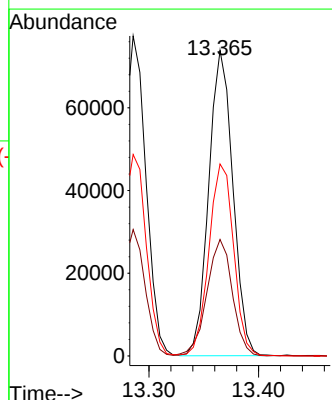
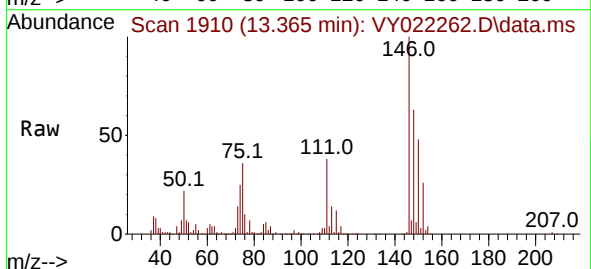
Tgt Ion:146 Resp: 113146

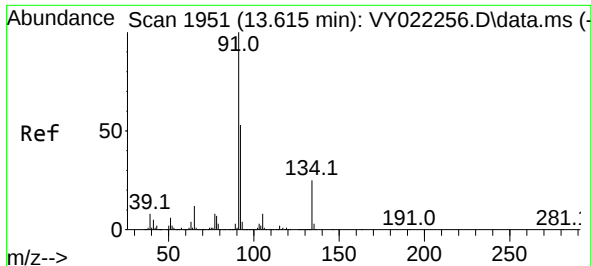
Ion Ratio Lower Upper

146 100

111 40.1 20.0 59.9

148 64.5 32.1 96.5

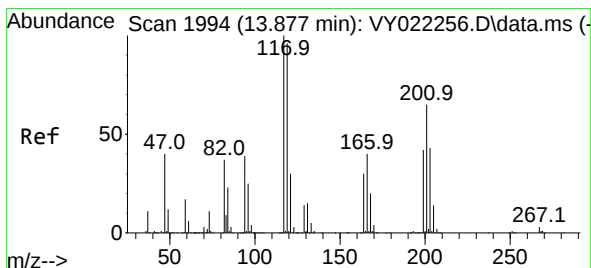
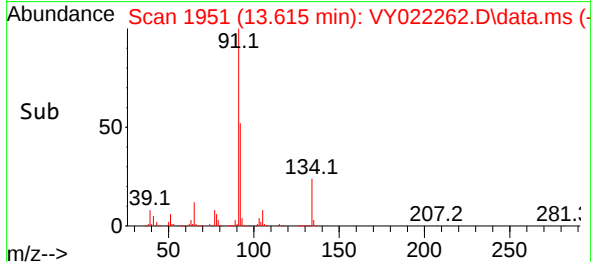
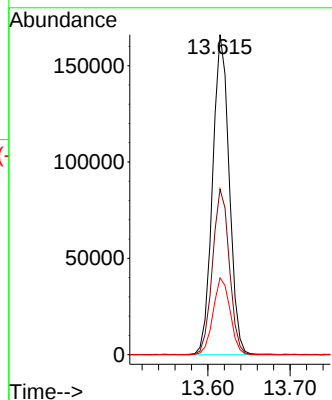
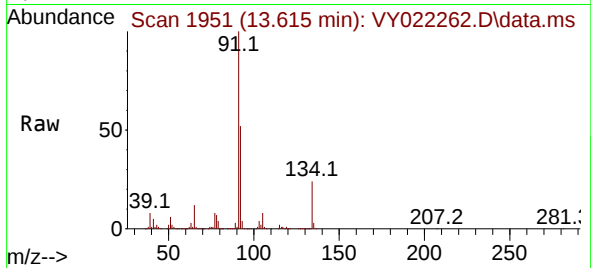




#89
n-Butylbenzene
Concen: 20.370 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

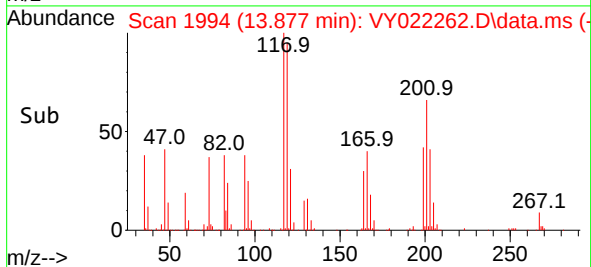
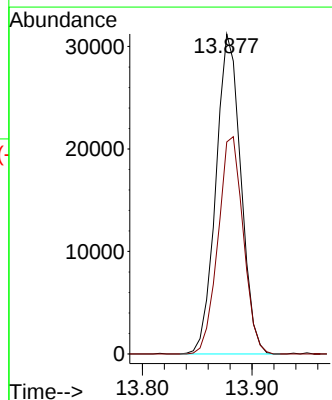
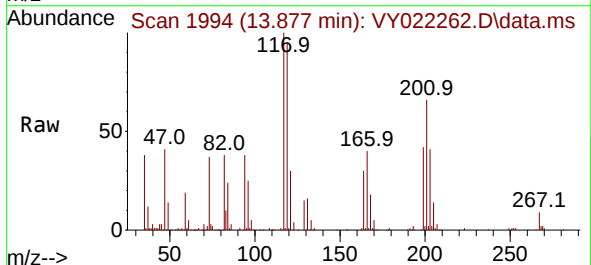
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

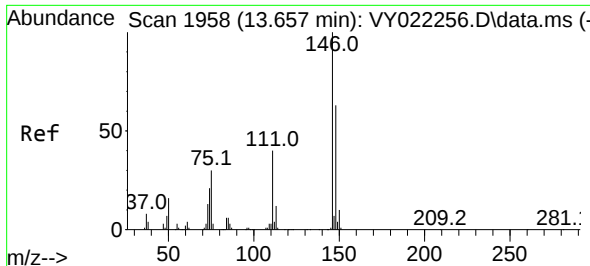
Tgt Ion: 91 Resp: 233741
Ion Ratio Lower Upper
91 100
92 52.1 26.3 78.9
134 24.5 12.4 37.4



#90
Hexachloroethane
Concen: 20.160 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VY022262.D
Acq: 15 May 2025 14:07

Tgt Ion: 117 Resp: 49361
Ion Ratio Lower Upper
117 100
201 68.6 35.2 105.6

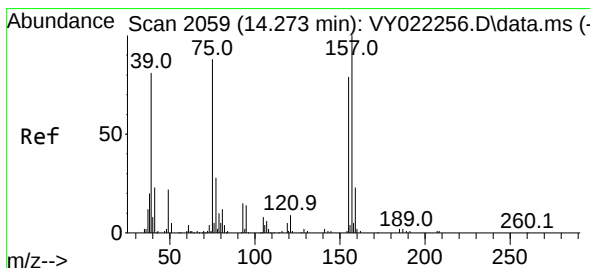
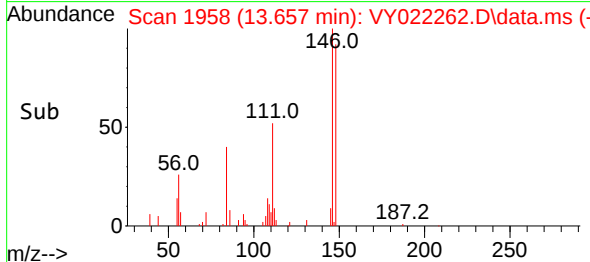
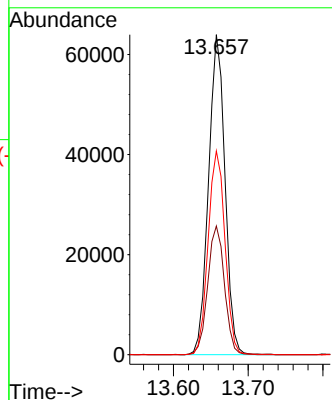
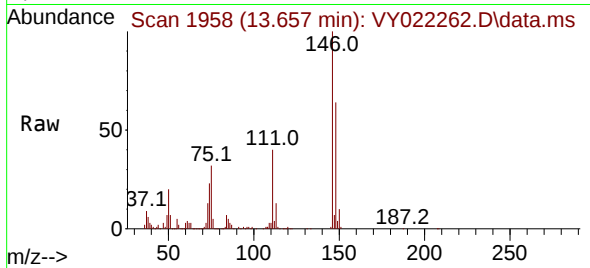




#91
 1,2-Dichlorobenzene
 Concen: 19.678 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY022262.D
 Acq: 15 May 2025 14:07

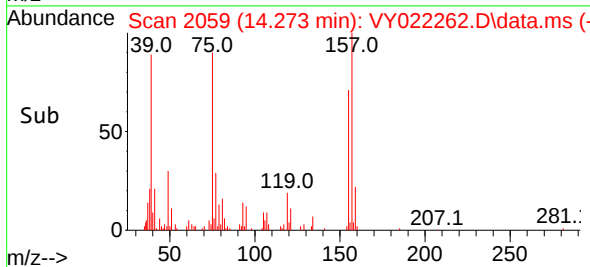
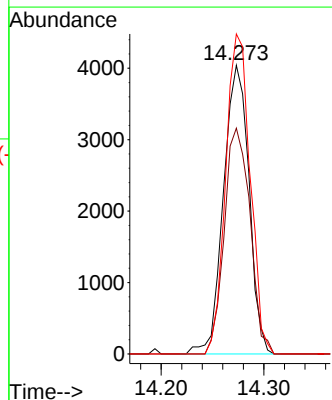
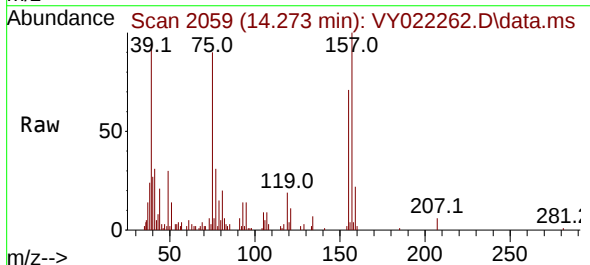
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBS01

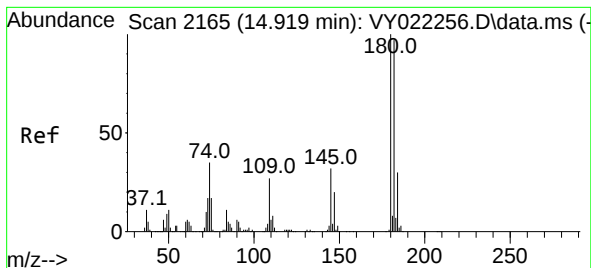
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.5	61.5
148	65.3	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.726 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY022262.D
 Acq: 15 May 2025 14:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.0	43.4	130.1
157	106.6	54.6	163.9





#93

1,2,4-Trichlorobenzene

Concen: 19.768 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

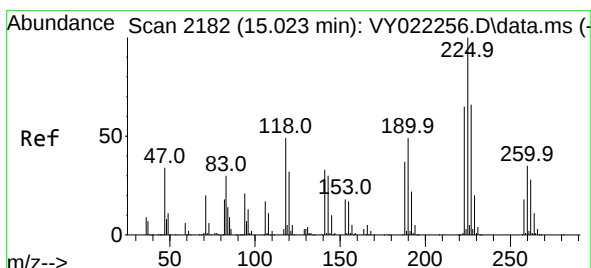
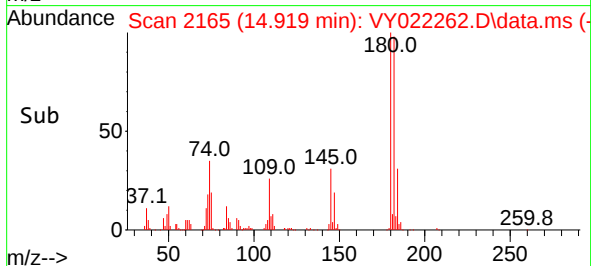
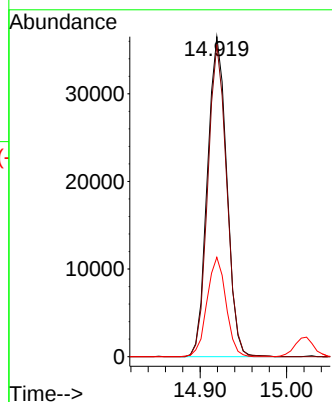
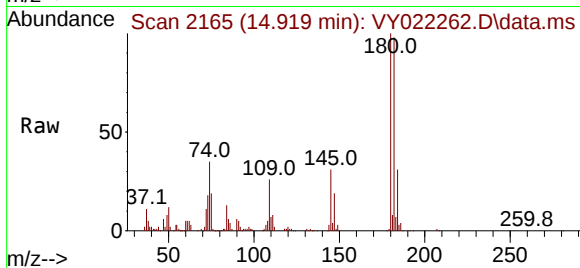
Tgt Ion:180 Resp: 56627

Ion Ratio Lower Upper

180 100

182 95.4 48.0 144.0

145 30.4 15.0 45.1



#94

Hexachlorobutadiene

Concen: 20.155 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

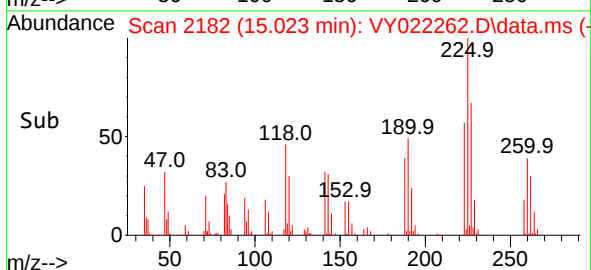
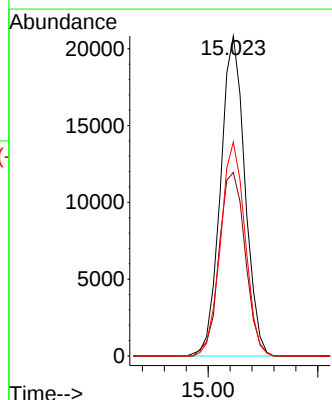
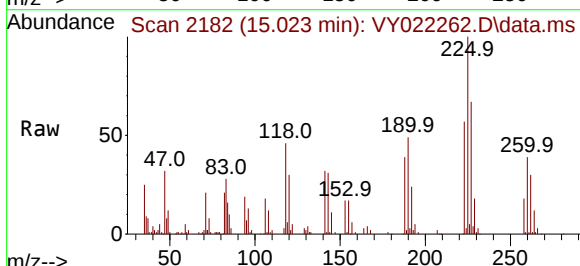
Tgt Ion:225 Resp: 32198

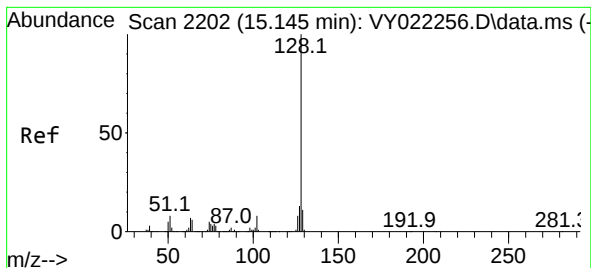
Ion Ratio Lower Upper

225 100

223 61.4 31.5 94.5

227 66.9 32.1 96.3





#95

Naphthalene

Concen: 18.892 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

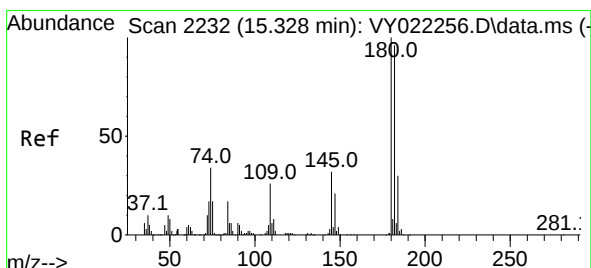
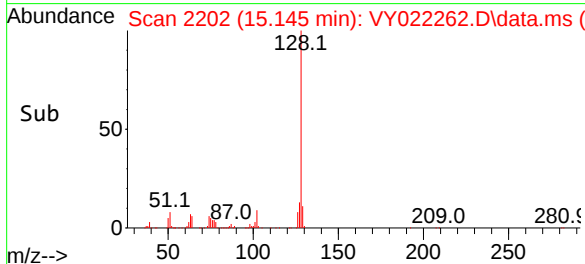
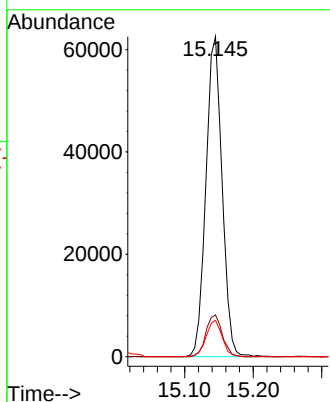
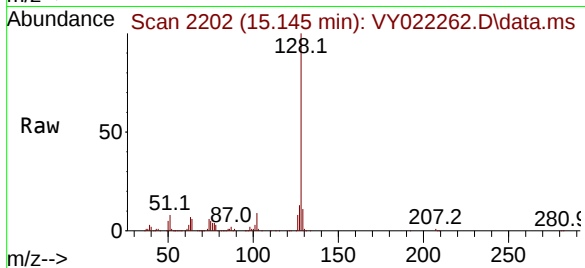
Tgt Ion:128 Resp: 102697

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.3 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.376 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022262.D

Acq: 15 May 2025 14:07

Tgt Ion:180 Resp: 47086

Ion Ratio Lower Upper

180 100

182 93.8 47.1 141.3

145 32.2 15.9 47.6

