

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022263.D
 Acq On : 15 May 2025 14:29
 Operator : SY/MD
 Sample : VY0515SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBS01

Quant Time: May 16 01:55:07 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	238919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	402031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	341987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	161126	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	135626	51.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.880%	
35) Dibromofluoromethane	7.634	113	123255	51.366	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.740%	
50) Toluene-d8	10.103	98	503583	51.242	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.480%	
62) 4-Bromofluorobenzene	12.402	95	156883	50.364	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	53122	21.308	ug/l	100
3) Chloromethane	2.062	50	120806	23.036	ug/l	99
4) Vinyl Chloride	2.202	62	133825	22.841	ug/l	95
5) Bromomethane	2.586	94	115963	24.313	ug/l	97
6) Chloroethane	2.726	64	81580	22.381	ug/l	99
7) Trichlorofluoromethane	3.050	101	131275	22.130	ug/l	97
8) Diethyl Ether	3.452	74	30102	21.145	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.812	101	53293	20.694	ug/l	99
10) Methyl Iodide	4.001	142	56585	18.984	ug/l	98
11) Tert butyl alcohol	4.872	59	22281	111.741	ug/l #	100
12) 1,1-Dichloroethene	3.781	96	51053	19.977	ug/l	99
13) Acrolein	3.653	56	29646	101.701	ug/l	95
14) Allyl chloride	4.379	41	90707	20.242	ug/l	98
15) Acrylonitrile	5.061	53	63262	107.846	ug/l	100
16) Acetone	3.873	43	49080	100.243	ug/l	97
17) Carbon Disulfide	4.104	76	170931	20.511	ug/l	100
18) Methyl Acetate	4.385	43	32845	21.277	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	147866	20.984	ug/l	100
20) Methylene Chloride	4.616	84	67252	21.257	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	58391	20.700	ug/l	97
22) Diisopropyl ether	6.019	45	191390	20.225	ug/l	99
23) Vinyl Acetate	5.958	43	582104	101.820	ug/l	99
24) 1,1-Dichloroethane	5.915	63	107336	20.303	ug/l	99
25) 2-Butanone	6.896	43	84807	103.553	ug/l	94
26) 2,2-Dichloropropane	6.884	77	94109	20.013	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	65488	20.118	ug/l	99
28) Bromochloromethane	7.244	49	45781	20.301	ug/l	100
29) Tetrahydrofuran	7.262	42	57613	109.345	ug/l	98
30) Chloroform	7.421	83	103980	20.505	ug/l	97
31) Cyclohexane	7.695	56	104972	19.873	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	93522	20.102	ug/l	99
36) 1,1-Dichloropropene	7.835	75	78647	19.899	ug/l	99
37) Ethyl Acetate	6.982	43	41008	21.564	ug/l	98
38) Carbon Tetrachloride	7.817	117	80942	19.785	ug/l	98
39) Methylcyclohexane	9.109	83	105996	19.962	ug/l	98
40) Benzene	8.079	78	234747	20.035	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	20638	16.360	ug/l #	82
42) 1,2-Dichloroethane	8.158	62	64565	20.377	ug/l	99
43) Isopropyl Acetate	8.195	43	86552	20.869	ug/l	98
44) Trichloroethene	8.866	130	57705	19.807	ug/l	97
45) 1,2-Dichloropropane	9.140	63	56246	19.911	ug/l	99
46) Dibromomethane	9.231	93	31011	20.354	ug/l	99
47) Bromodichloromethane	9.420	83	80217	20.295	ug/l	97
48) Methyl methacrylate	9.219	41	39908	20.576	ug/l	99
49) 1,4-Dioxane	9.237	88	7653	444.632	ug/l	96
51) 4-Methyl-2-Pentanone	10.000	43	213720	105.023	ug/l	98
52) Toluene	10.170	92	144686	19.501	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	76950	19.949	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	88052	19.924	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	40220	20.615	ug/l	94
56) Ethyl methacrylate	10.438	69	62553	20.583	ug/l	99
57) 1,3-Dichloropropane	10.719	76	71496	20.625	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	129032	94.593	ug/l	99
59) 2-Hexanone	10.762	43	142594	104.509	ug/l	99
60) Dibromochloromethane	10.908	129	51719	20.424	ug/l	98
61) 1,2-Dibromoethane	11.012	107	37293	20.509	ug/l	96
64) Tetrachloroethene	10.646	164	62797	19.866	ug/l	96
65) Chlorobenzene	11.438	112	153929	19.950	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	50248	18.944	ug/l	97
67) Ethyl Benzene	11.518	91	283493	19.619	ug/l	98
68) m/p-Xylenes	11.627	106	212811	39.085	ug/l	98
69) o-Xylene	11.950	106	101365	19.677	ug/l	97
70) Styrene	11.969	104	168741	19.418	ug/l	99
71) Bromoform	12.127	173	29512	20.613	ug/l #	98
73) Isopropylbenzene	12.255	105	261986	19.627	ug/l	100
74) N-amyl acetate	12.066	43	79208	20.747	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	43741	21.307	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	62657	38.384	ug/l #	100
77) Bromobenzene	12.530	156	55800	19.572	ug/l	98
78) n-propylbenzene	12.591	91	317668	19.730	ug/l	99
79) 2-Chlorotoluene	12.676	91	172805	19.530	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	208067	19.309	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	16041	19.907	ug/l	99
82) 4-Chlorotoluene	12.773	91	178952	19.663	ug/l	100
83) tert-Butylbenzene	12.993	119	190568	19.898	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	210149	19.646	ug/l	99
85) sec-Butylbenzene	13.176	105	281045	19.768	ug/l	99
86) p-Isopropyltoluene	13.292	119	233015	19.488	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	112481	19.326	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	111832	19.976	ug/l	99
89) n-Butylbenzene	13.615	91	225170	19.906	ug/l	99
90) Hexachloroethane	13.877	117	47537	19.695	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	97586	19.962	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7093	21.427	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	58146	20.591	ug/l	98
94) Hexachlorobutadiene	15.023	225	33000	20.955	ug/l	98
95) Naphthalene	15.145	128	111947	20.890	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	50425	21.049	ug/l	99

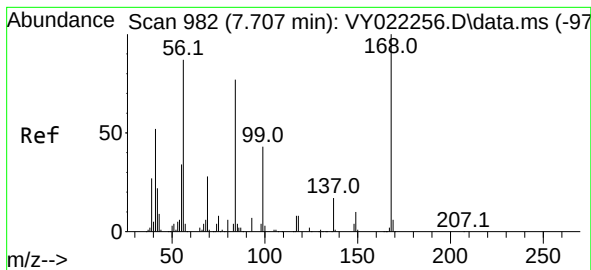
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
Data File : VY022263.D
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Operator : SY/MD
Sample : VY0515SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

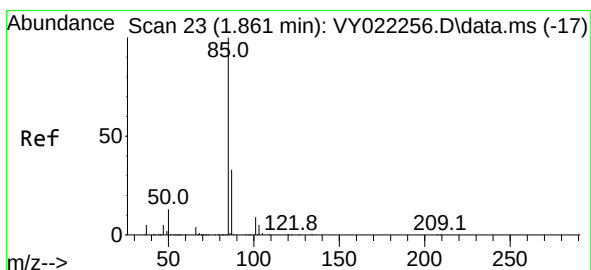
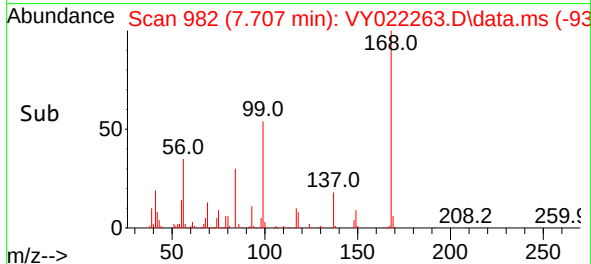
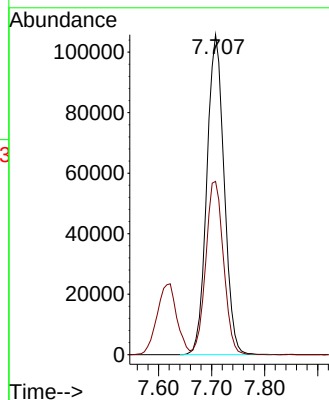
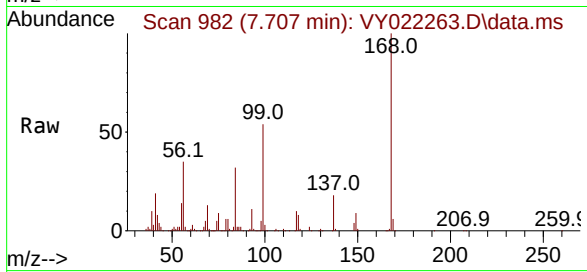
VY0515SBS01

Tgt Ion:168 Resp: 238919

Ion Ratio Lower Upper

168 100

99 54.2 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 21.308 ug/l

RT: 1.861 min Scan# 23

Delta R.T. 0.000 min

Lab File: VY022263.D

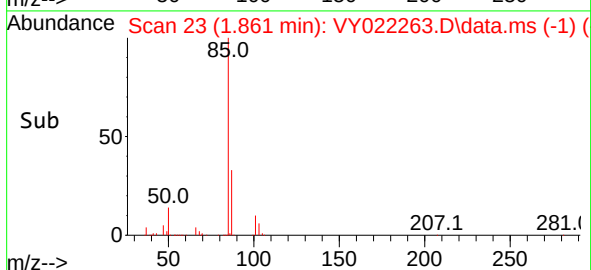
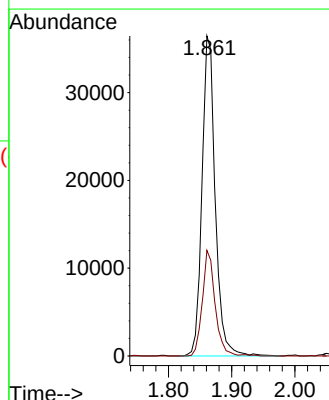
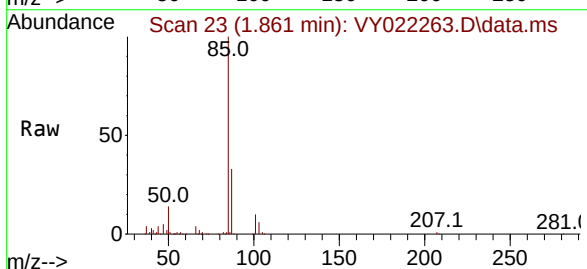
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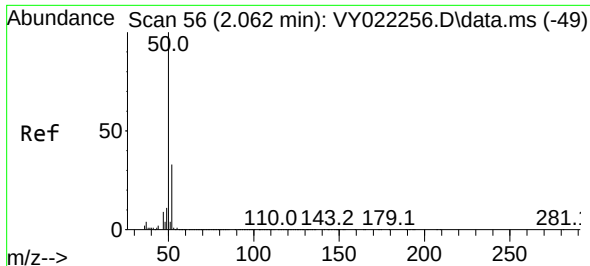
Tgt Ion: 85 Resp: 53122

Ion Ratio Lower Upper

85 100

87 33.0 16.5 49.5

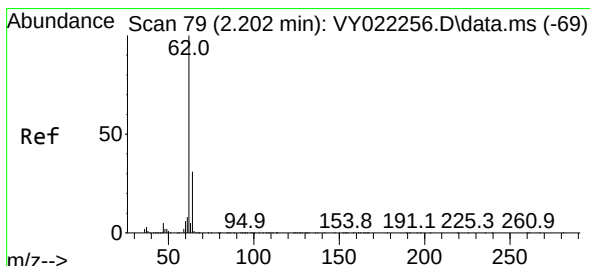
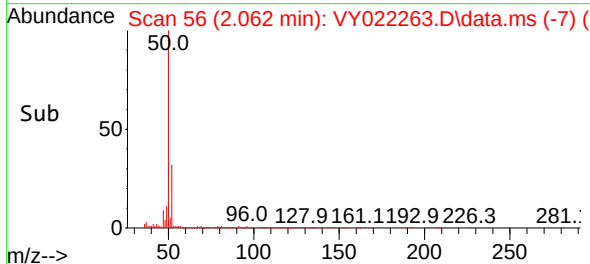
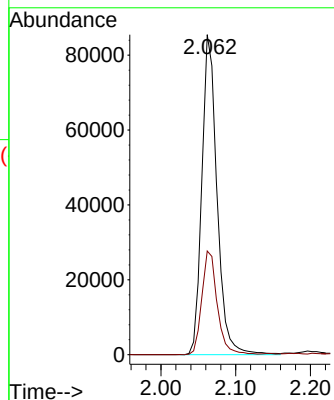
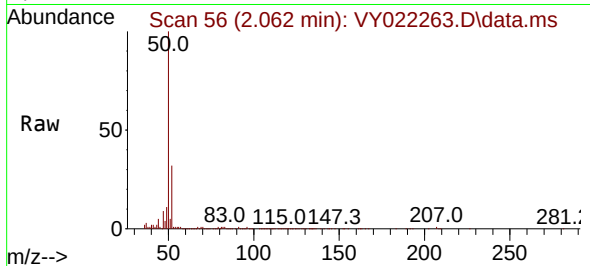




#3
Chloromethane
Concen: 23.036 ug/l
RT: 2.062 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

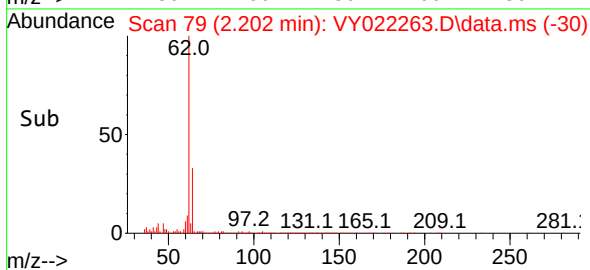
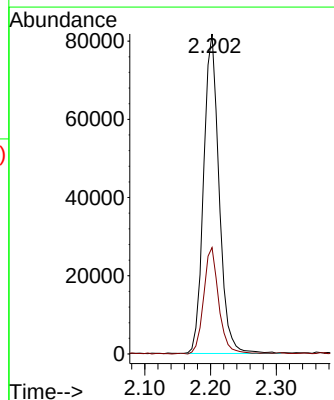
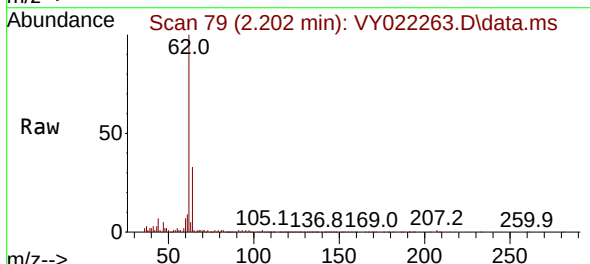
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

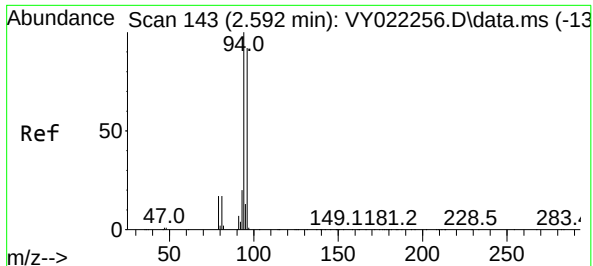
Tgt Ion: 50 Resp: 120806
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7



#4
Vinyl Chloride
Concen: 22.841 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion: 62 Resp: 133825
Ion Ratio Lower Upper
62 100
64 33.1 24.5 36.7

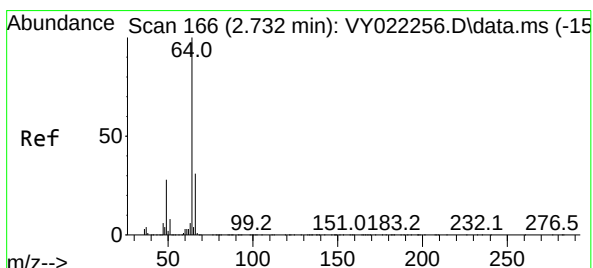
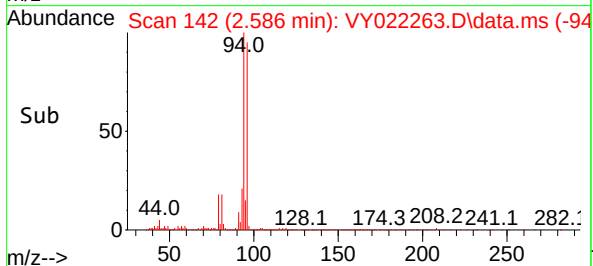
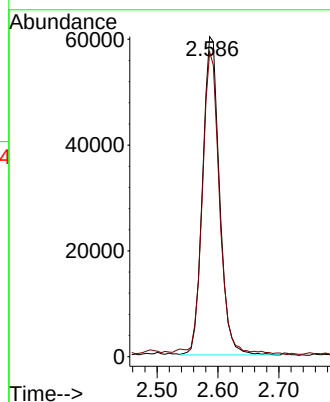
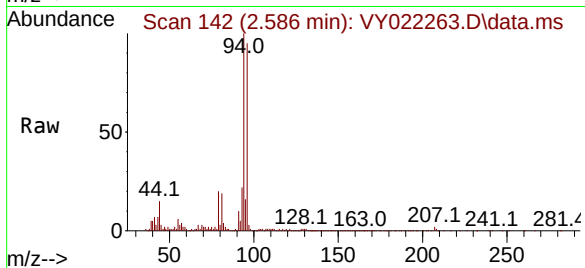




#5
Bromomethane
Concen: 24.313 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

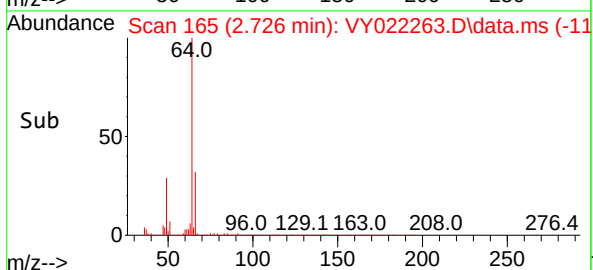
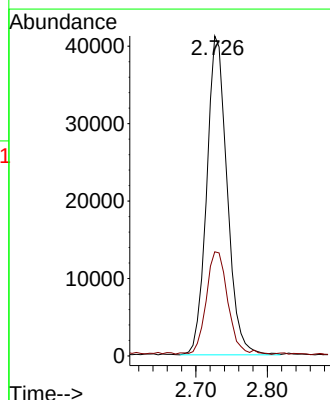
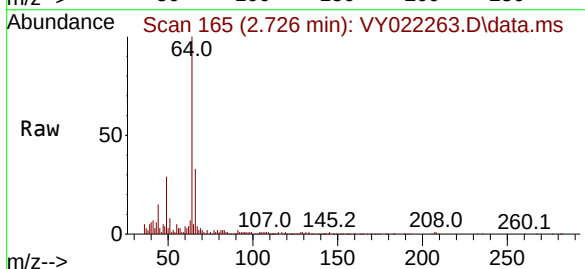
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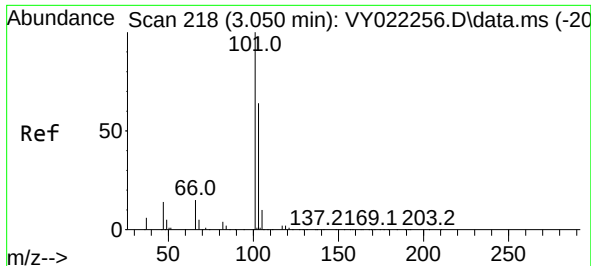
Tgt Ion: 94 Resp: 115963
Ion Ratio Lower Upper
94 100
96 94.7 73.4 110.0



#6
Chloroethane
Concen: 22.381 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion: 64 Resp: 81580
Ion Ratio Lower Upper
64 100
66 31.8 24.8 37.2

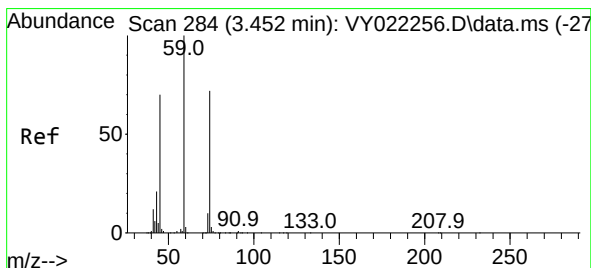
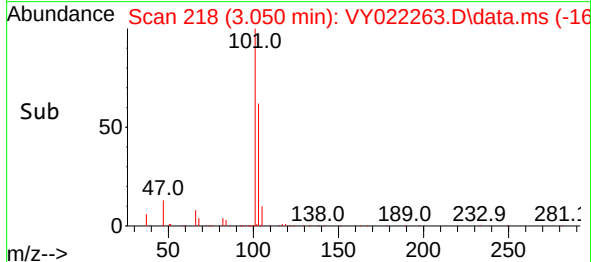
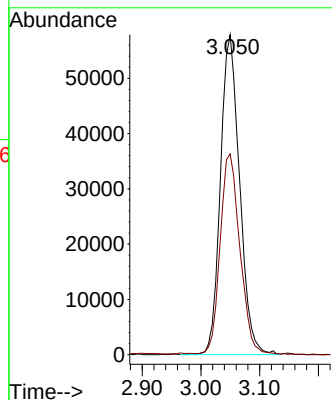
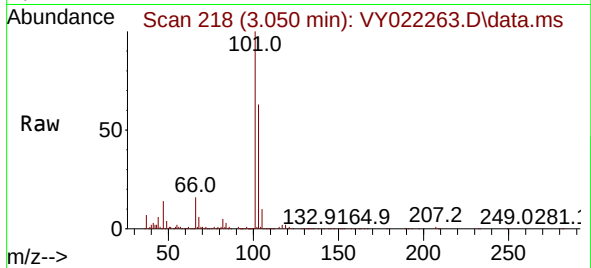




#7
 Trichlorofluoromethane
 Concen: 22.130 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY022263.D
 Acq: 15 May 2025 14:29

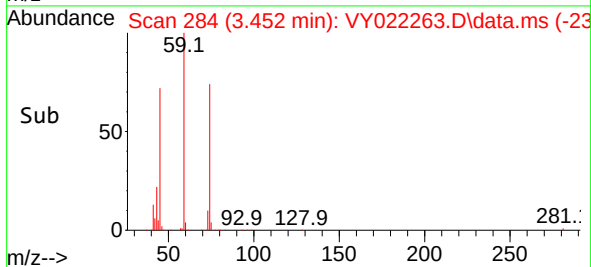
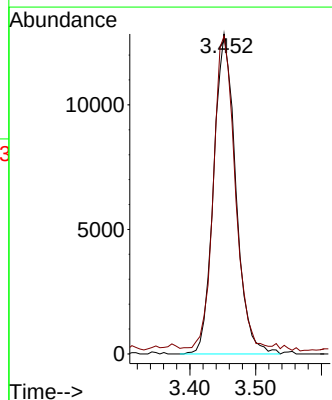
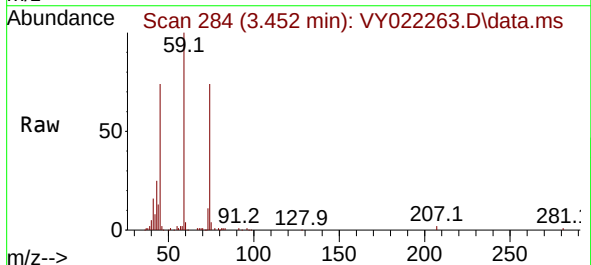
Instrument :
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 VY0515SBS01

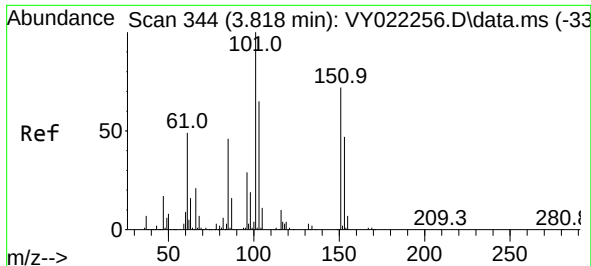
Tgt Ion:101 Resp: 131275
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.7 77.5



#8
 Diethyl Ether
 Concen: 21.145 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY022263.D
 Acq: 15 May 2025 14:29

Tgt Ion: 74 Resp: 30102
 Ion Ratio Lower Upper
 74 100
 45 94.5 48.6 145.8

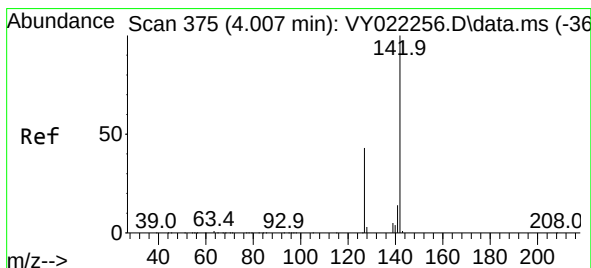
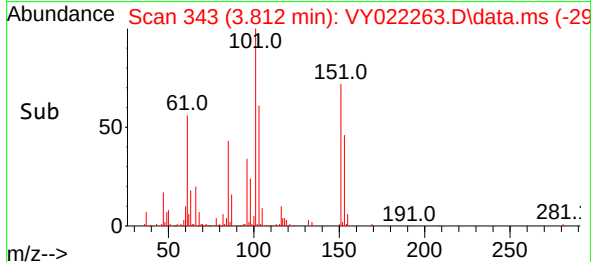
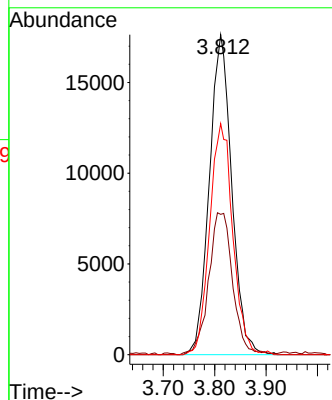
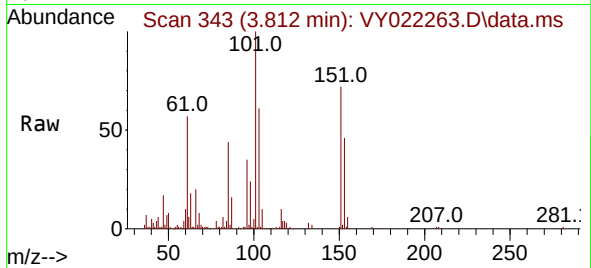




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.694 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022263.D
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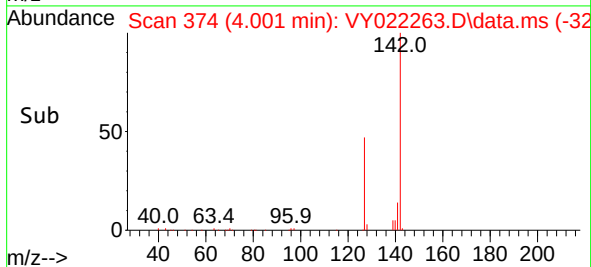
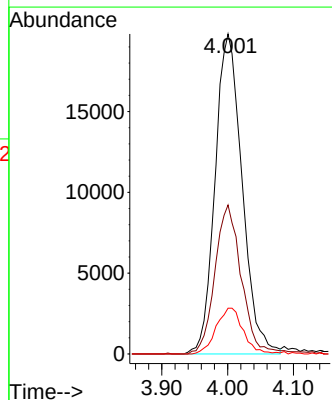
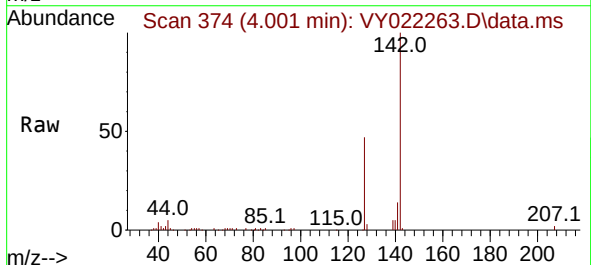
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

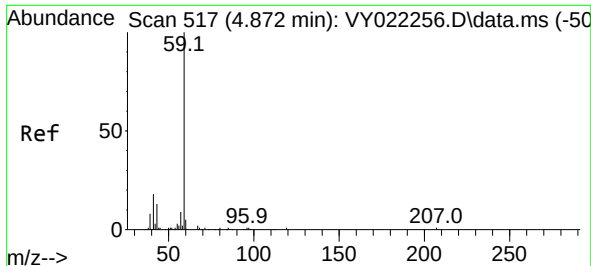
Tgt Ion:101 Resp: 53293
Ion Ratio Lower Upper
101 100
85 47.4 38.6 58.0
151 74.4 59.7 89.5



#10
Methyl Iodide
Concen: 18.984 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion:142 Resp: 56585
Ion Ratio Lower Upper
142 100
127 46.1 35.7 53.5
141 14.2 11.1 16.7

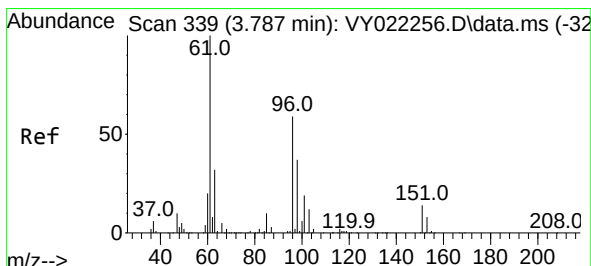
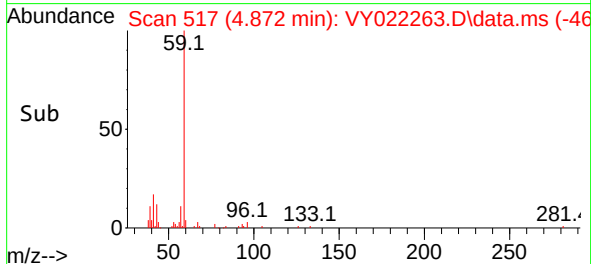
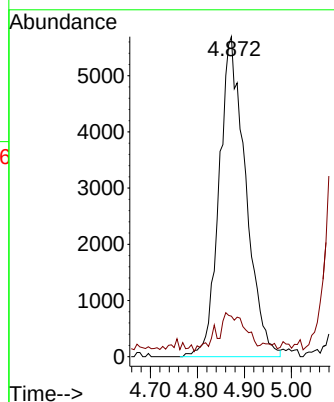
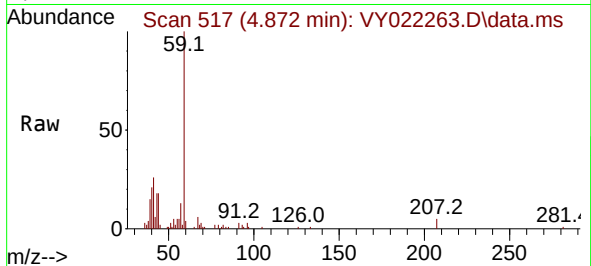




#11
Tert butyl alcohol
Concen: 111.741 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

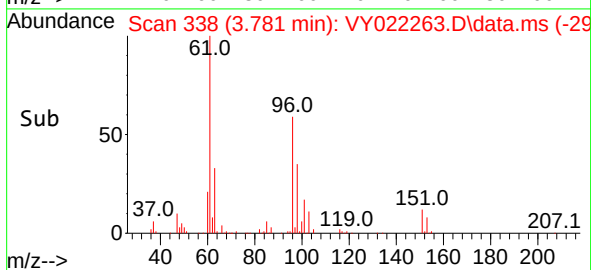
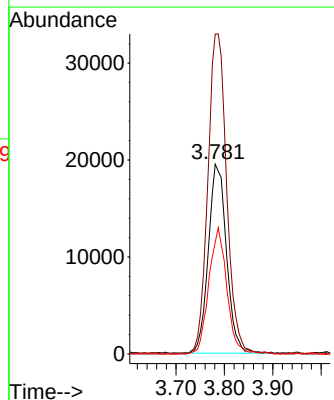
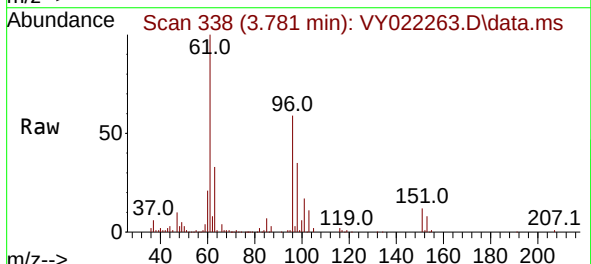
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

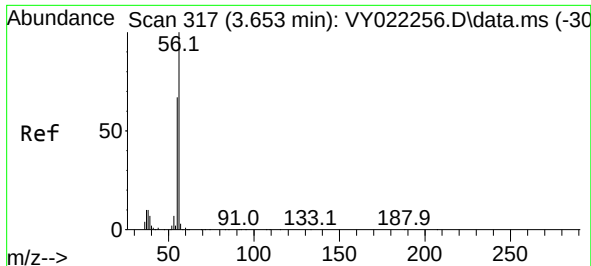
Tgt Ion: 59 Resp: 22281
Ion Ratio Lower Upper
59 100
57 8.4 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 19.977 ug/l
RT: 3.781 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion: 96 Resp: 51053
Ion Ratio Lower Upper
96 100
61 169.2 134.9 202.3
98 59.1 49.9 74.9





#13

Acrolein

Concen: 101.701 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

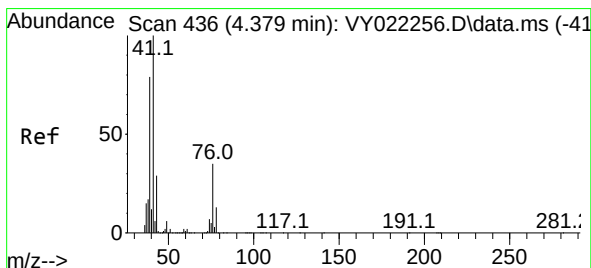
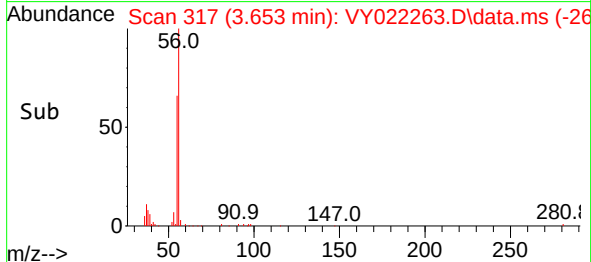
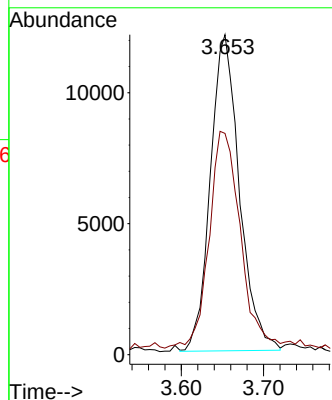
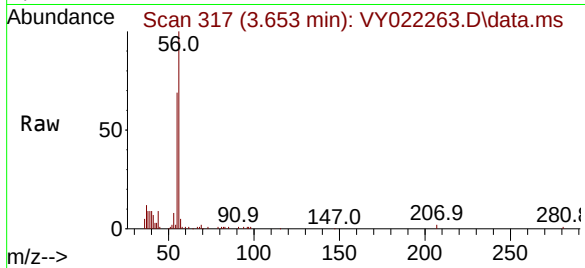
VY0515SBS01

Tgt Ion: 56 Resp: 29646

Ion Ratio Lower Upper

56 100

55 73.6 55.6 83.4



#14

Allyl chloride

Concen: 20.242 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

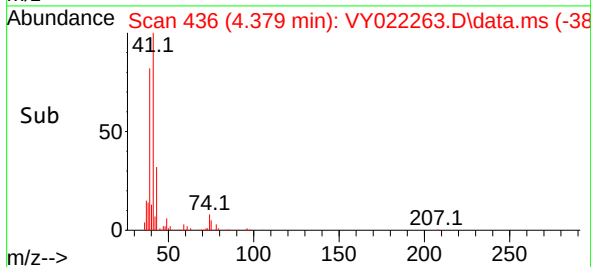
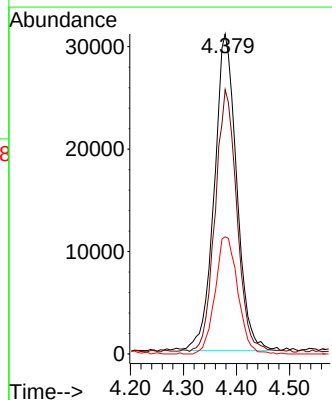
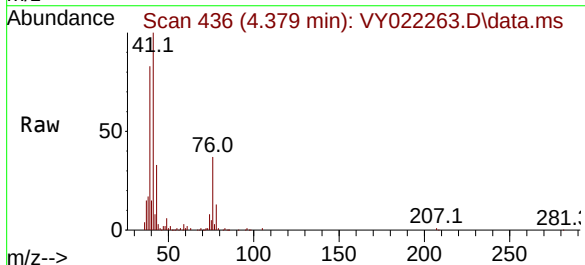
Tgt Ion: 41 Resp: 90707

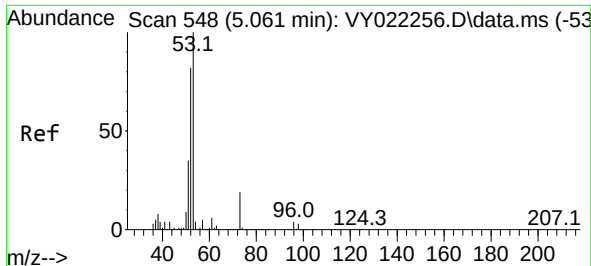
Ion Ratio Lower Upper

41 100

39 80.8 63.4 95.0

76 37.6 29.5 44.3

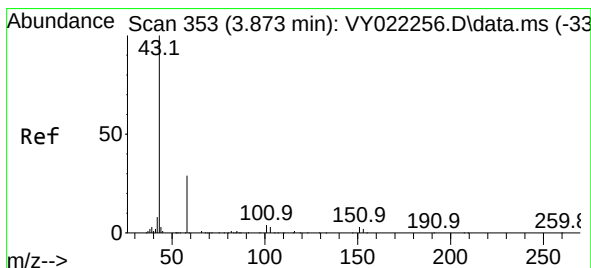
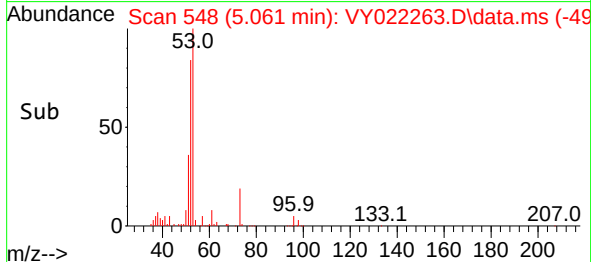
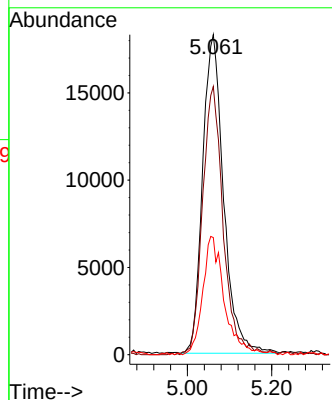
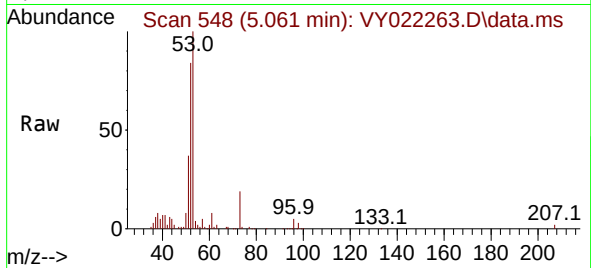




#15
Acrylonitrile
Concen: 107.846 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

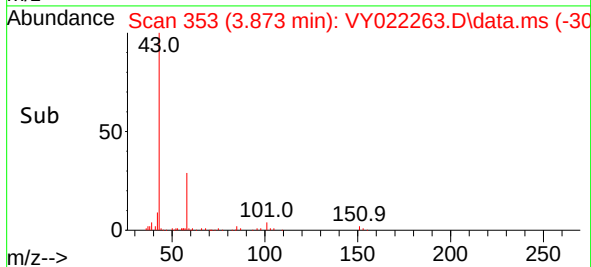
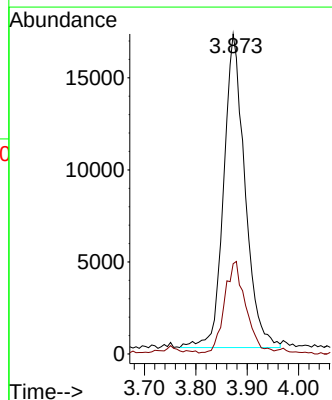
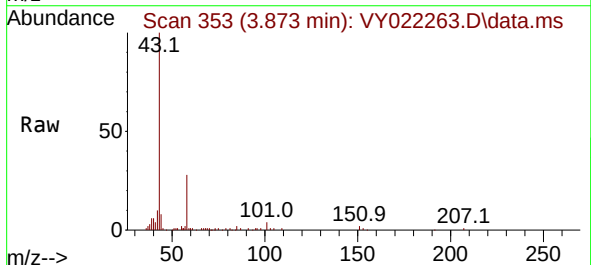
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

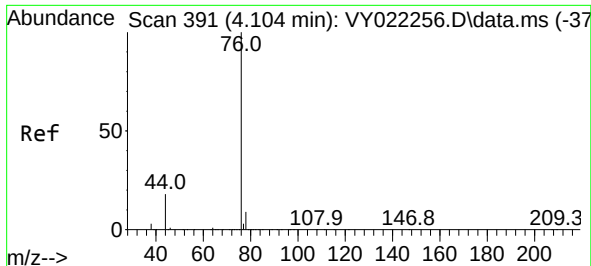
Tgt Ion: 53 Resp: 63262
Ion Ratio Lower Upper
53 100
52 82.3 66.1 99.1
51 38.0 30.0 45.0



#16
Acetone
Concen: 100.243 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion: 43 Resp: 49080
Ion Ratio Lower Upper
43 100
58 27.8 23.6 35.4

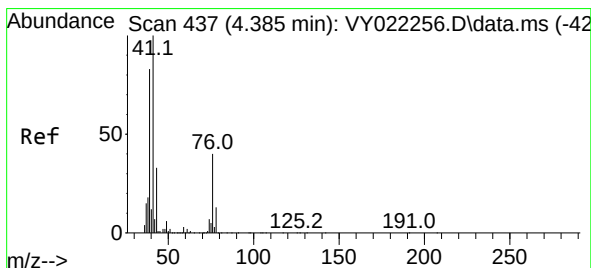
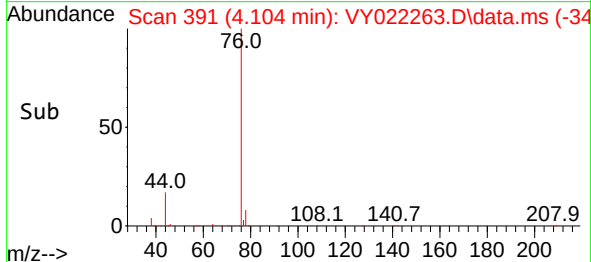
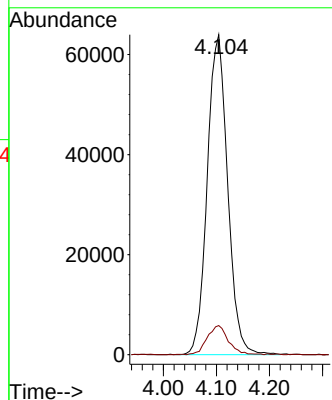
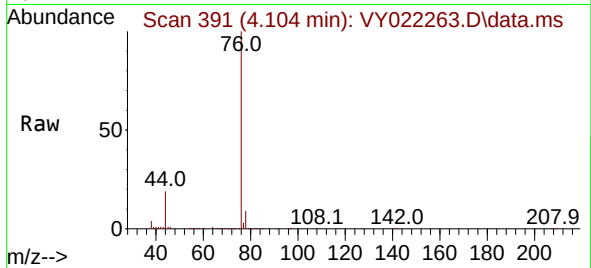




#17
Carbon Disulfide
Concen: 20.511 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

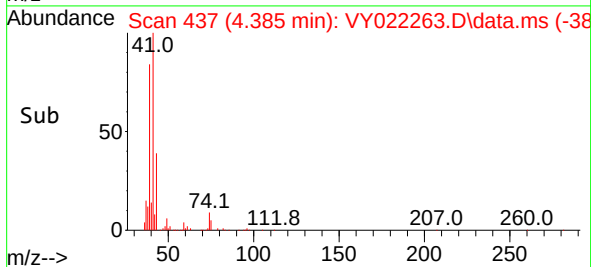
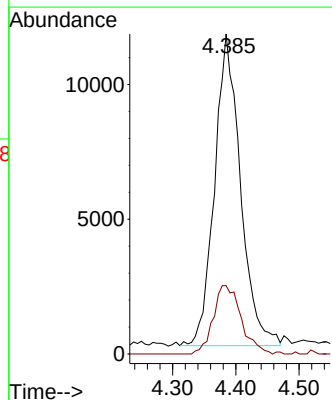
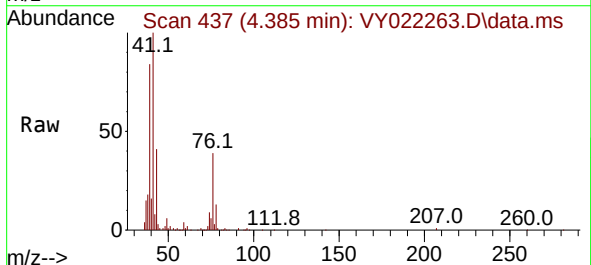
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

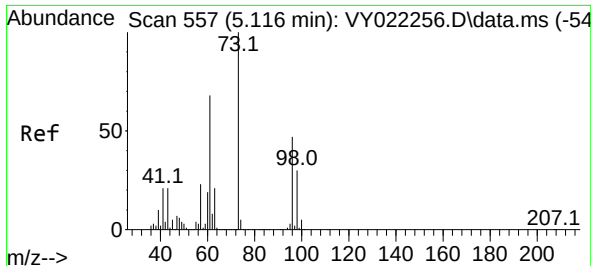
Tgt Ion: 76 Resp: 170931
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 21.277 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion: 43 Resp: 32845
Ion Ratio Lower Upper
43 100
74 23.5 18.2 27.4

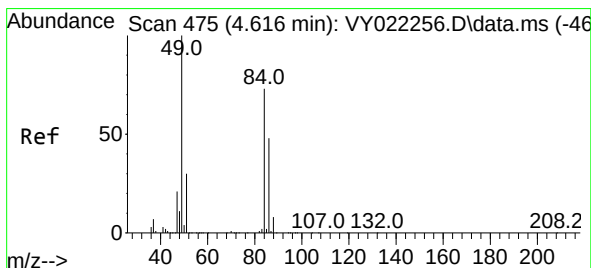
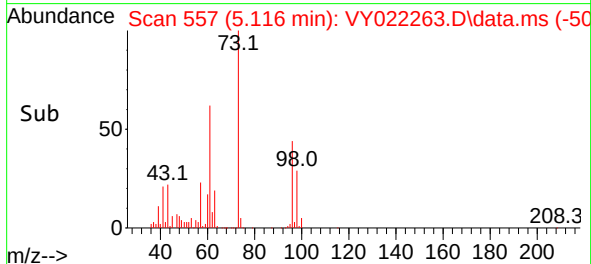
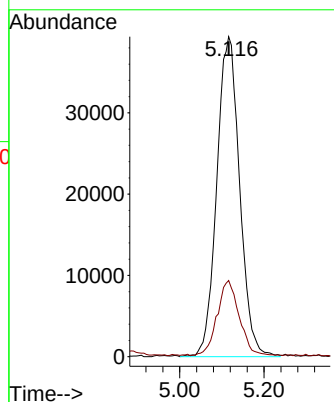
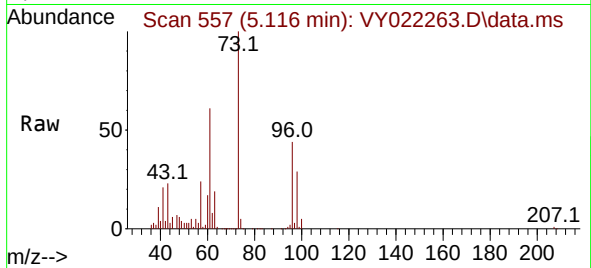




#19
Methyl tert-butyl Ether
Concen: 20.984 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

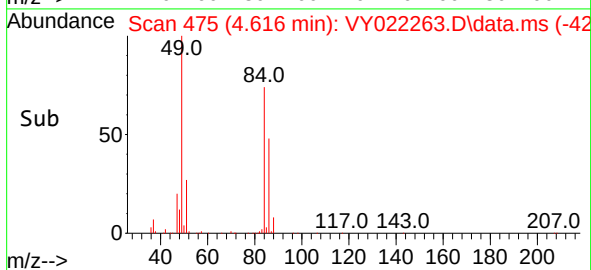
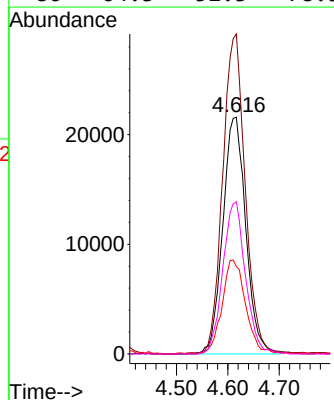
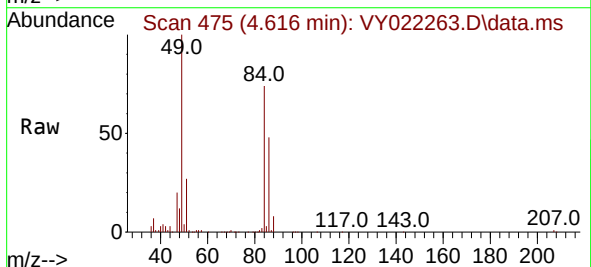
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

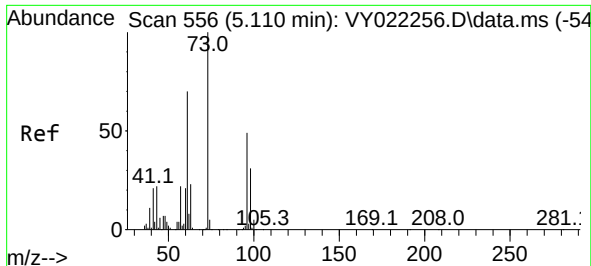
Tgt Ion: 73 Resp: 147866
Ion Ratio Lower Upper
73 100
57 23.4 18.6 28.0



#20
Methylene Chloride
Concen: 21.257 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion: 84 Resp: 67252
Ion Ratio Lower Upper
84 100
49 135.1 109.6 164.4
51 36.5 32.4 48.6
86 64.3 52.3 78.5

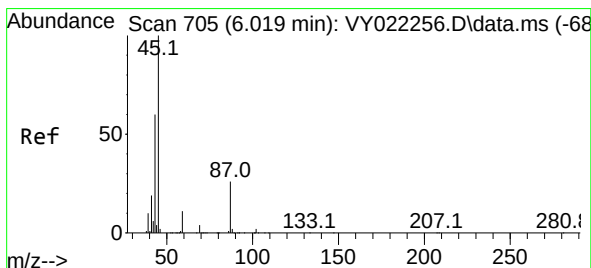
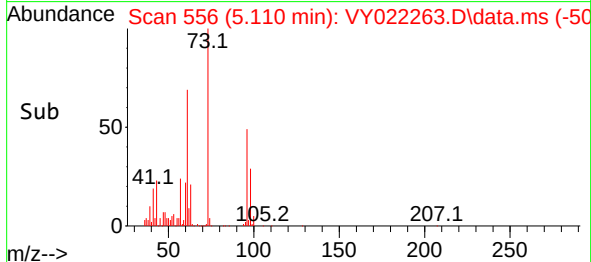
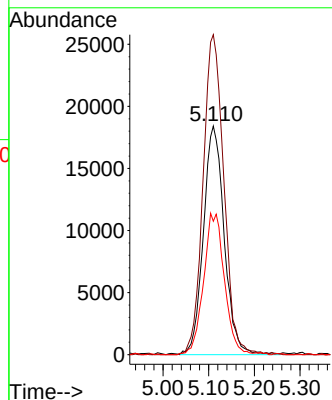
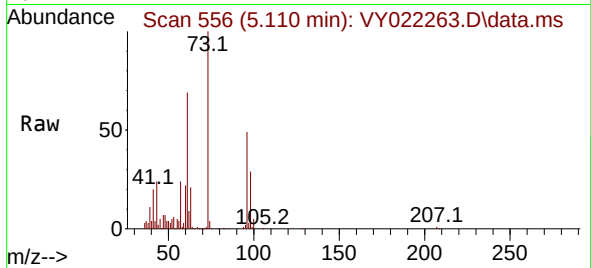




#21
trans-1,2-Dichloroethene
Concen: 20.700 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

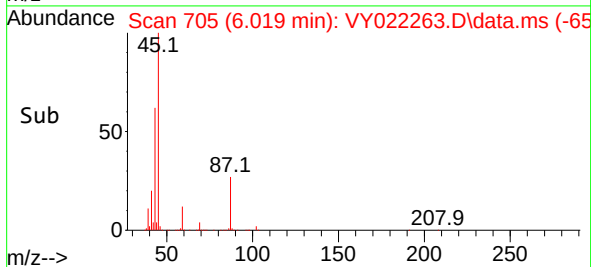
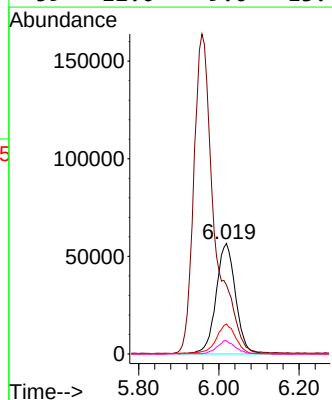
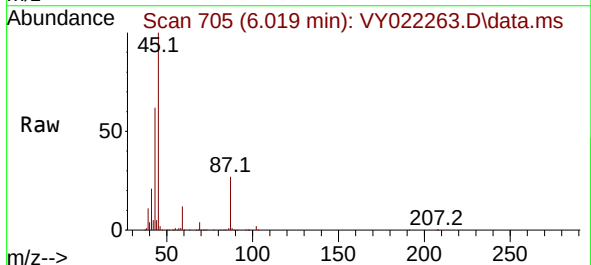
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

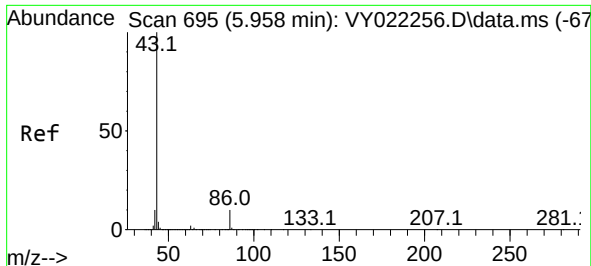
Tgt Ion: 96 Resp: 58391
Ion Ratio Lower Upper
96 100
61 139.6 113.4 170.0
98 58.1 50.9 76.3



#22
Diisopropyl ether
Concen: 20.225 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion: 45 Resp: 191390
Ion Ratio Lower Upper
45 100
43 61.3 48.2 72.2
87 27.3 21.4 32.0
59 12.0 9.0 13.4

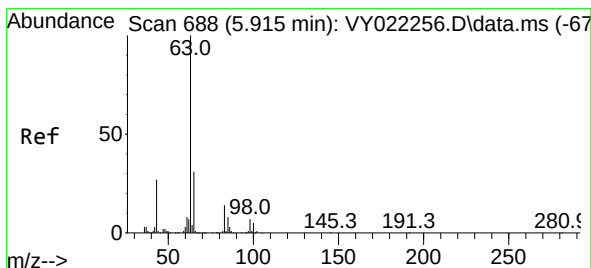
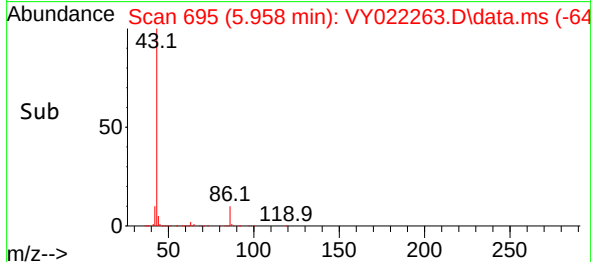
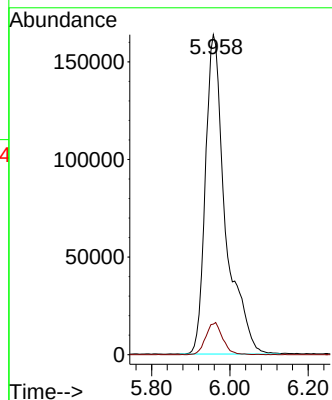
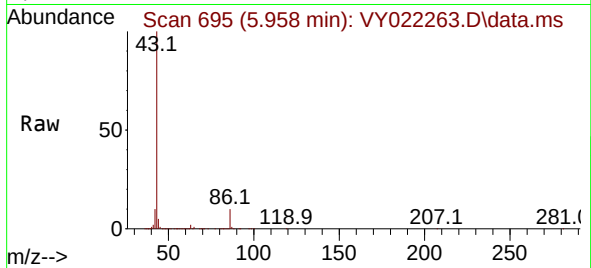




#23
 Vinyl Acetate
 Concen: 101.820 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022263.D
 Acq: 15 May 2025 14:29

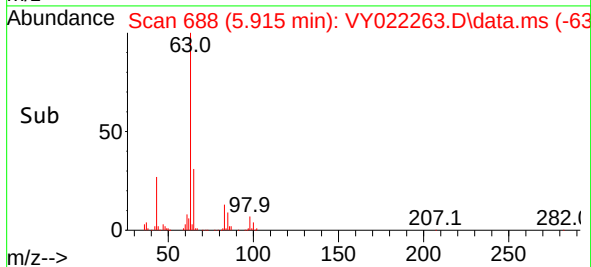
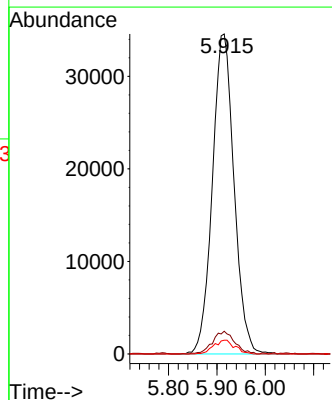
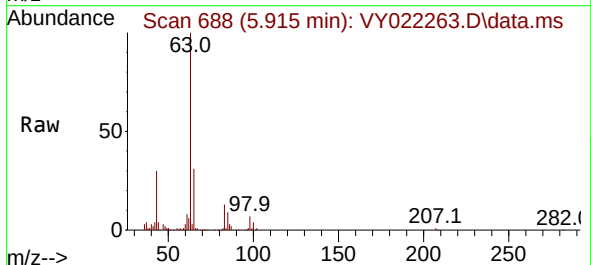
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBS01

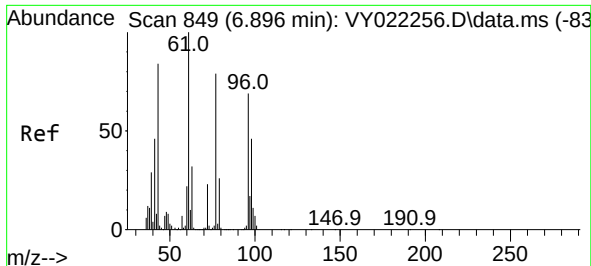
Tgt Ion: 43 Resp: 582104
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.303 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022263.D
 Acq: 15 May 2025 14:29

Tgt Ion: 63 Resp: 107336
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.3 2.4 7.2

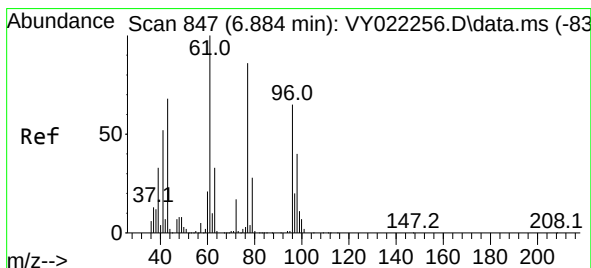
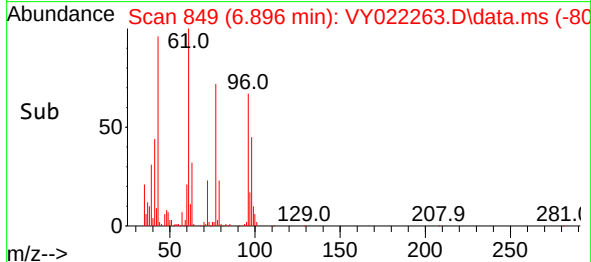
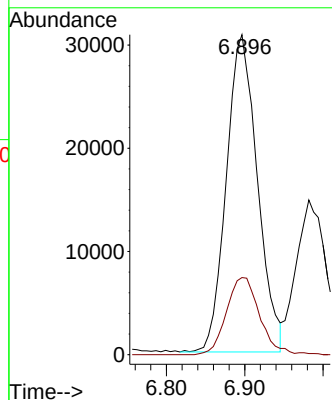
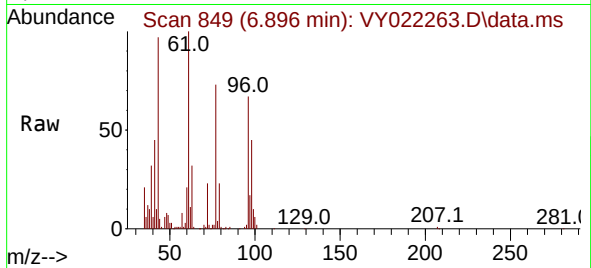




#25
2-Butanone
Concen: 103.553 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

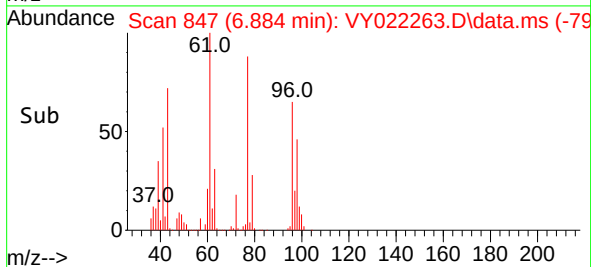
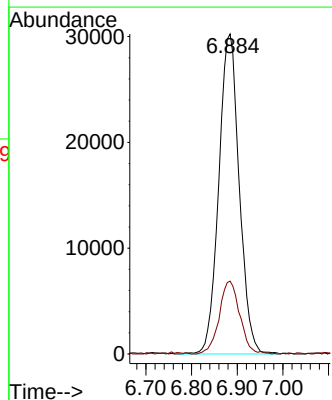
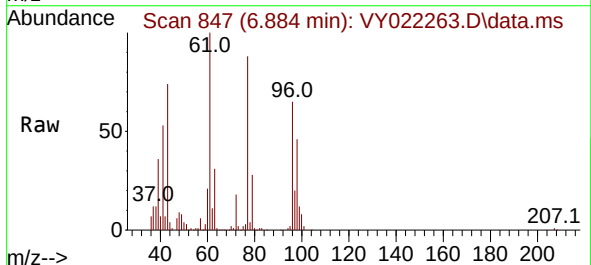
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

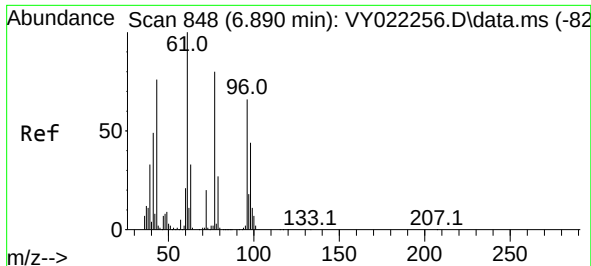
Tgt Ion: 43 Resp: 84807
Ion Ratio Lower Upper
43 100
72 24.3 22.1 33.1



#26
2,2-Dichloropropane
Concen: 20.013 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion: 77 Resp: 94109
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 20.118 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

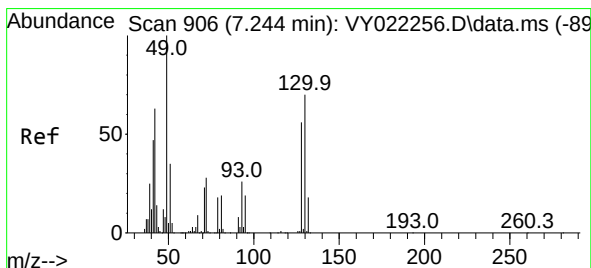
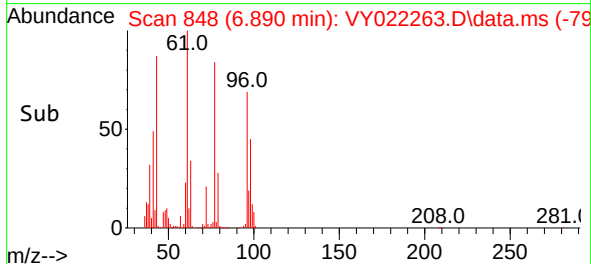
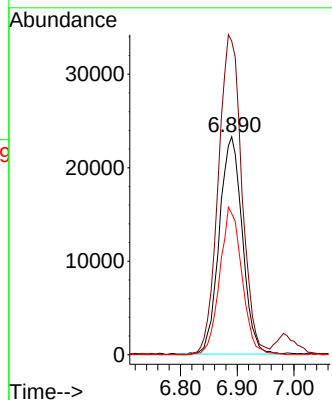
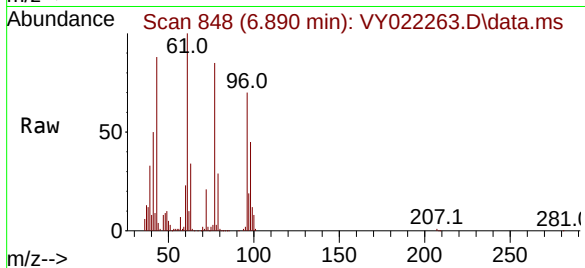
Tgt Ion: 96 Resp: 65488

Ion Ratio Lower Upper

96 100

61 150.9 0.0 302.6

98 65.3 0.0 128.8



#28

Bromochloromethane

Concen: 20.301 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

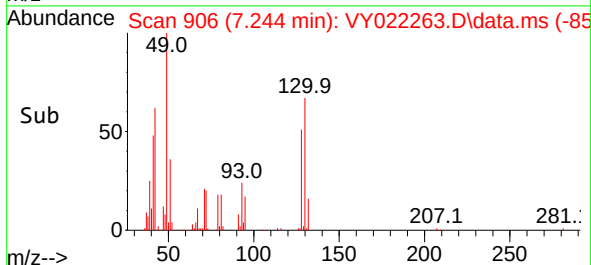
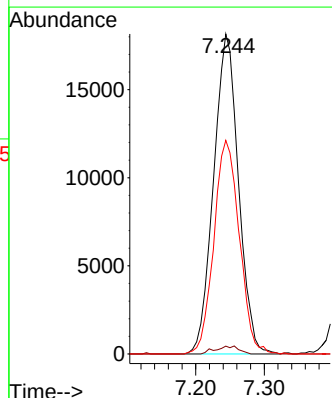
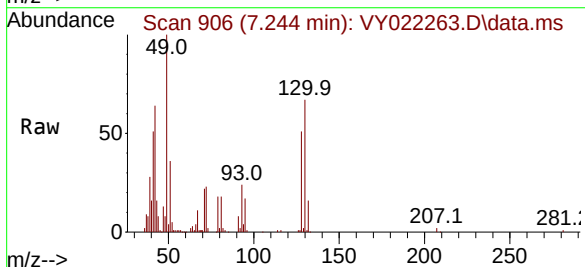
Tgt Ion: 49 Resp: 45781

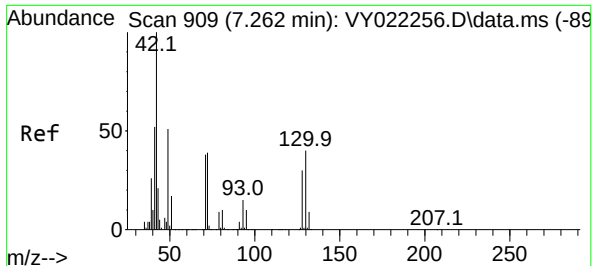
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.6

130 68.3 54.7 82.1





#29

Tetrahydrofuran

Concen: 109.345 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

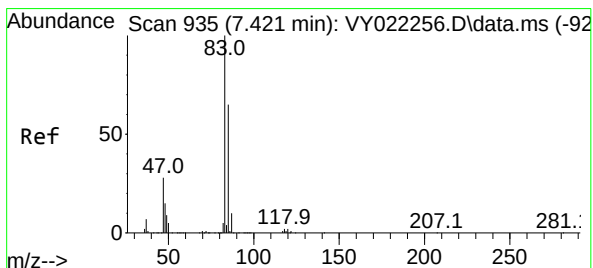
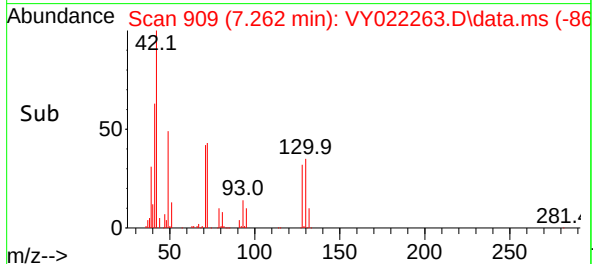
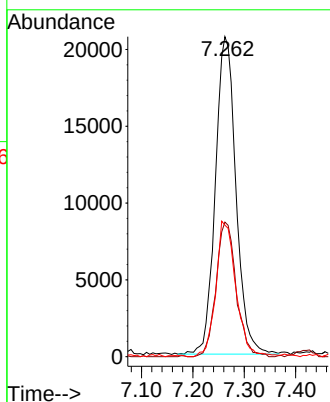
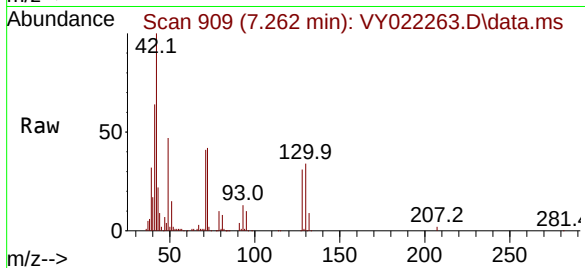
Tgt Ion: 42 Resp: 57613

Ion Ratio Lower Upper

42 100

72 41.5 33.8 50.6

71 41.5 31.5 47.3



#30

Chloroform

Concen: 20.505 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022263.D

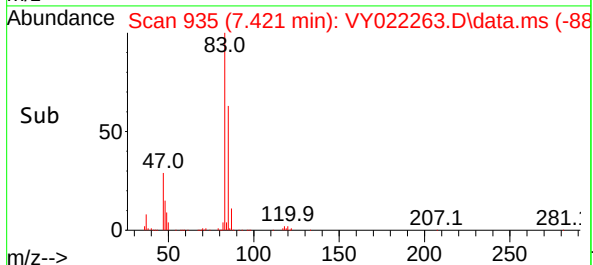
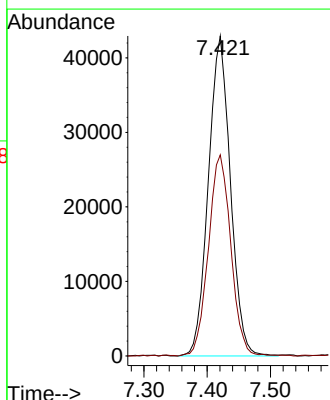
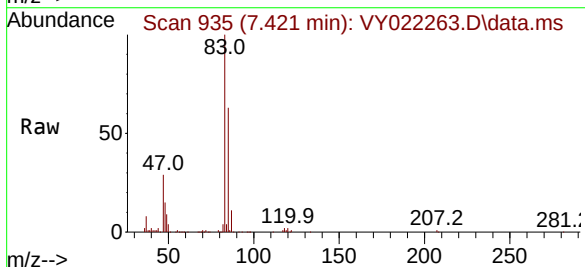
Acq: 15 May 2025 14:29

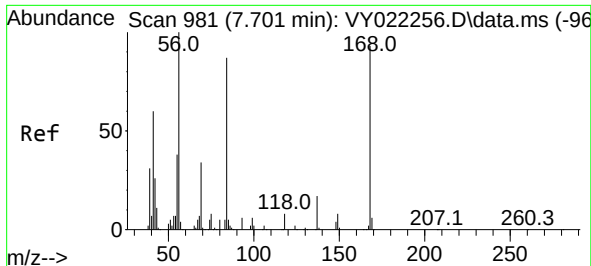
Tgt Ion: 83 Resp: 103980

Ion Ratio Lower Upper

83 100

85 62.8 51.8 77.8

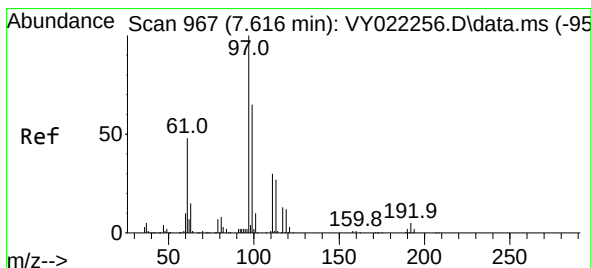
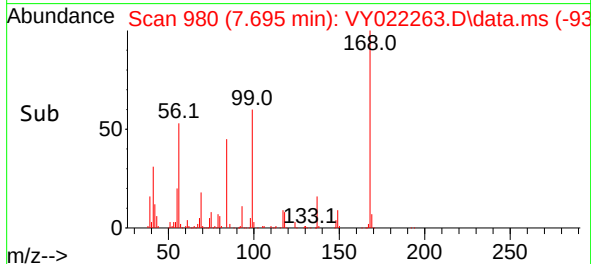
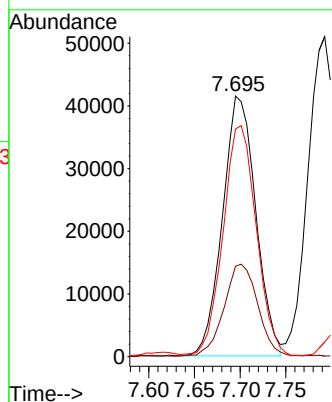
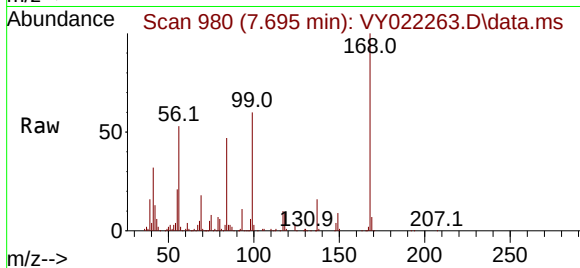




#31
Cyclohexane
Concen: 19.873 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

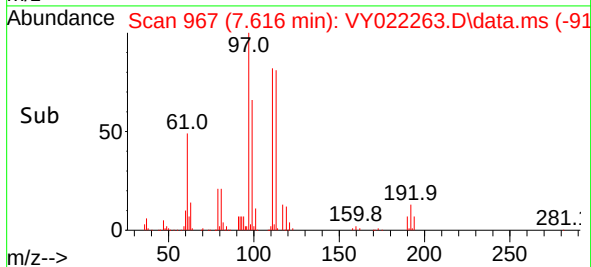
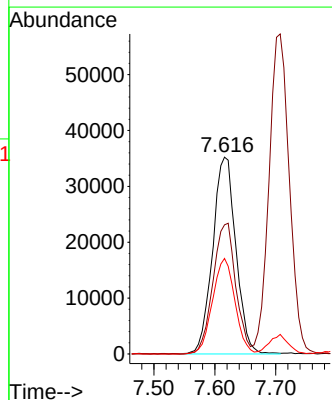
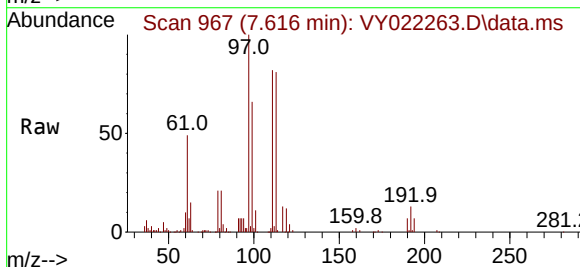
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

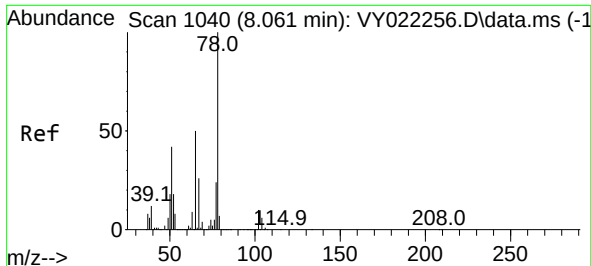
Tgt Ion: 56 Resp: 104972
Ion Ratio Lower Upper
56 100
69 34.5 27.4 41.2
84 86.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 20.102 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion: 97 Resp: 93522
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.0
61 46.7 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 51.941 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

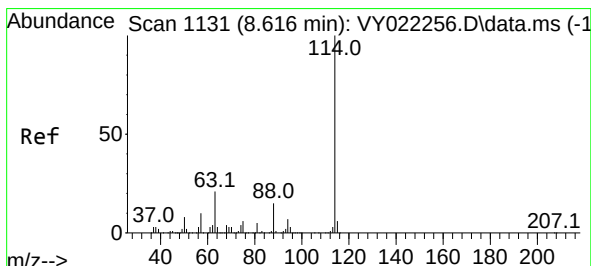
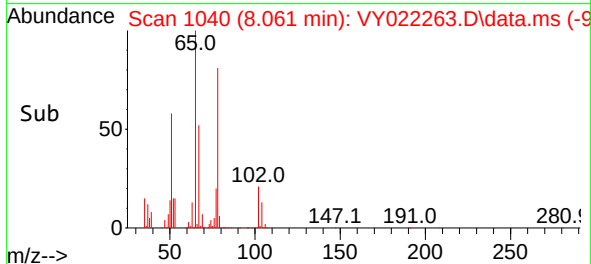
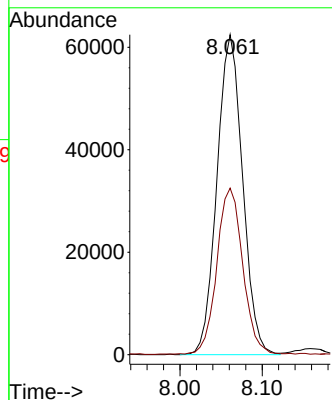
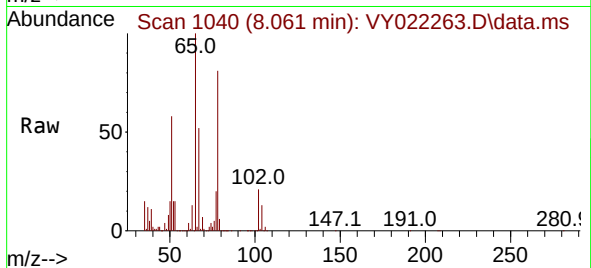
VY0515SBS01

Tgt Ion: 65 Resp: 135626

Ion Ratio Lower Upper

65 100

67 52.6 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: VY022263.D

Acq: 15 May 2025 14:29

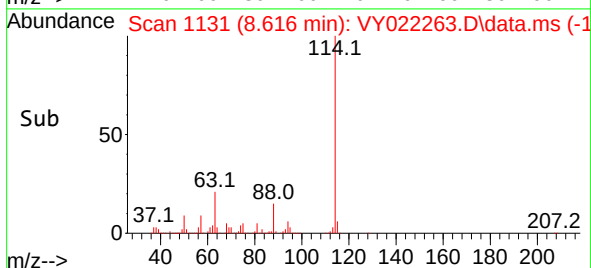
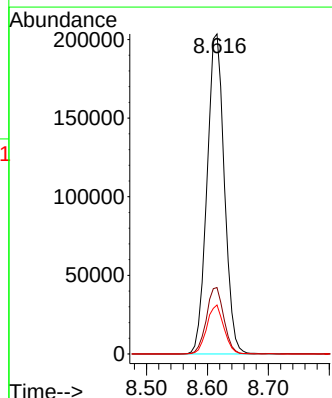
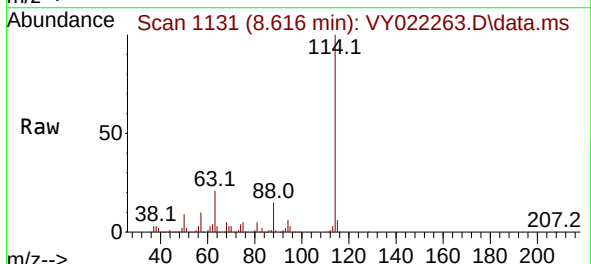
Tgt Ion: 114 Resp: 402031

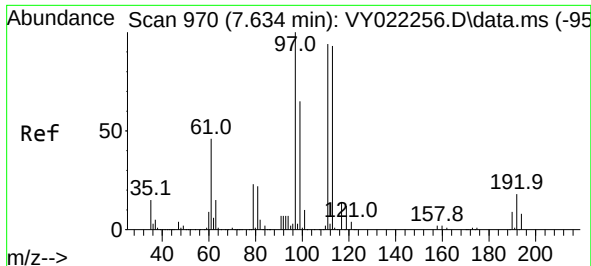
Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.0

88 15.3 0.0 29.4

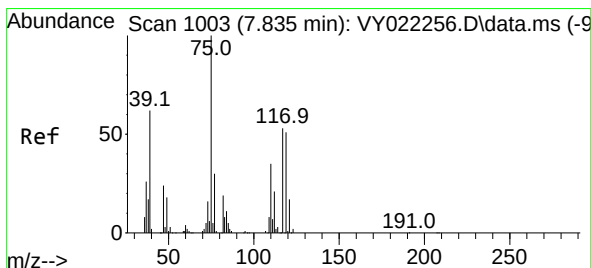
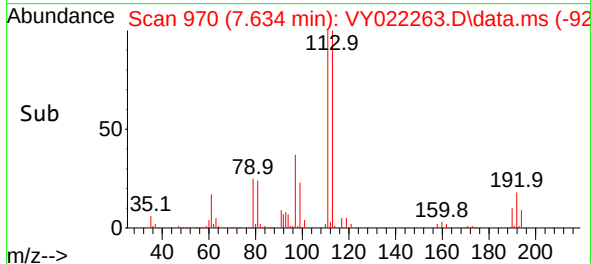
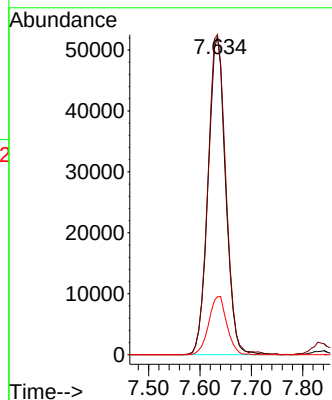
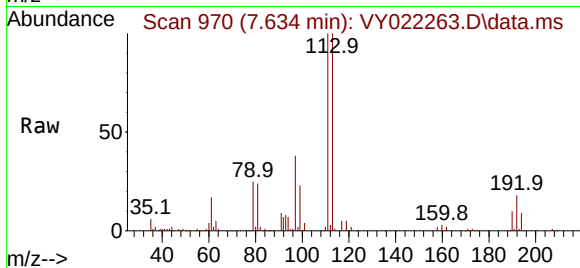




#35
Dibromofluoromethane
Concen: 51.366 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

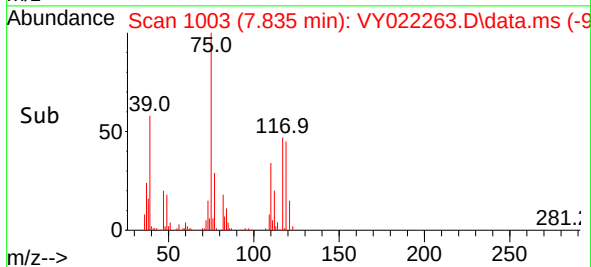
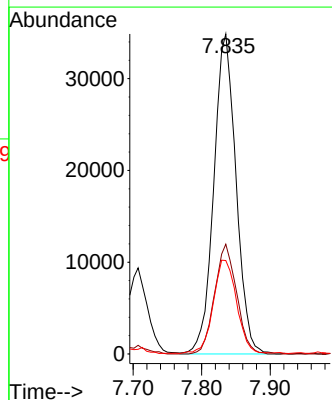
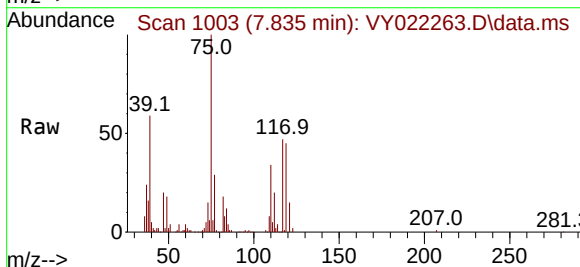
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

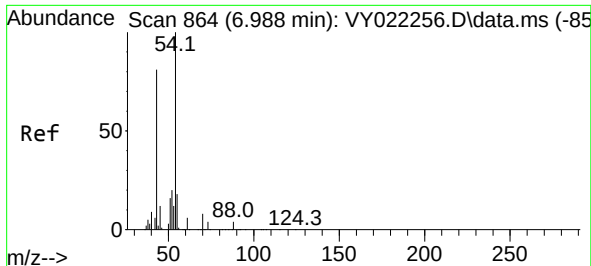
Tgt Ion:113 Resp: 123255
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 18.9 15.2 22.8



#36
1,1-Dichloropropene
Concen: 19.899 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion: 75 Resp: 78647
Ion Ratio Lower Upper
75 100
110 33.9 16.6 49.8
77 30.4 24.6 37.0





#37

Ethyl Acetate

Concen: 21.564 ug/l

RT: 6.982 min Scan# 864

Delta R.T. -0.006 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

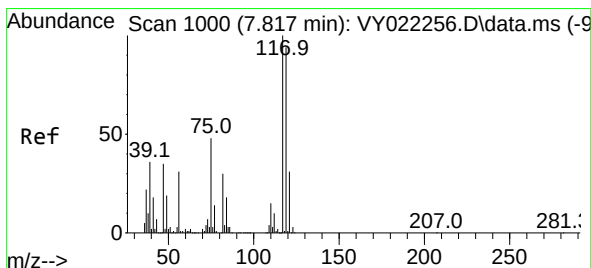
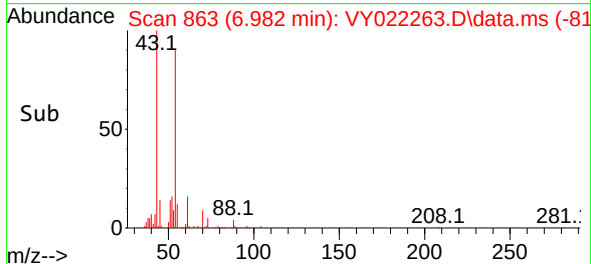
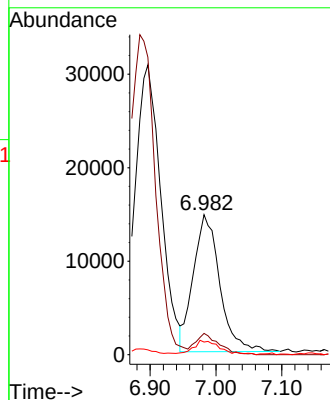
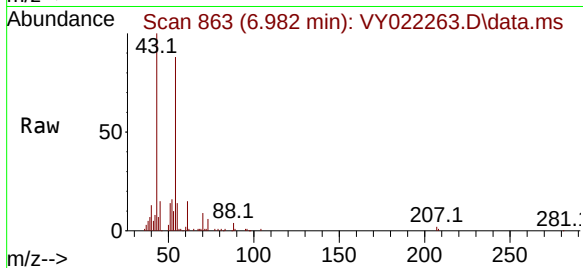
Tgt Ion: 43 Resp: 41008

Ion Ratio Lower Upper

43 100

61 13.5 10.2 15.2

70 10.3 7.6 11.4



#38

Carbon Tetrachloride

Concen: 19.785 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

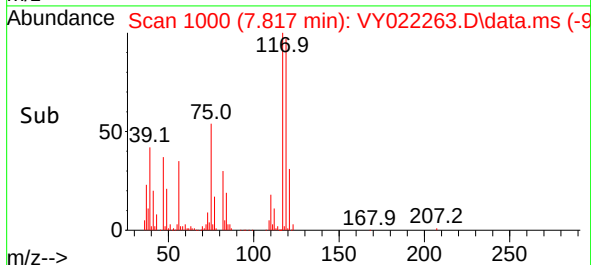
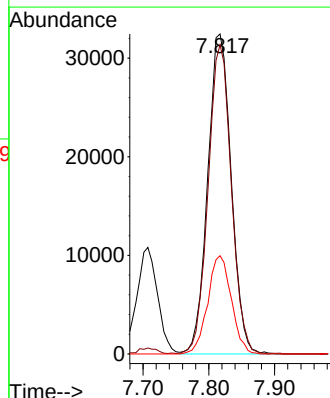
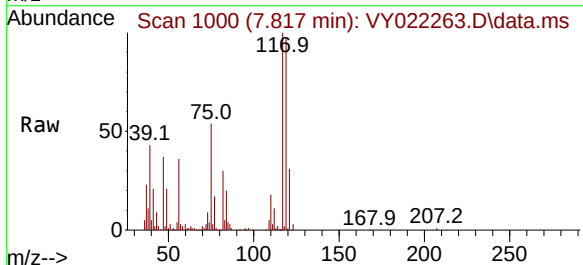
Tgt Ion: 117 Resp: 80942

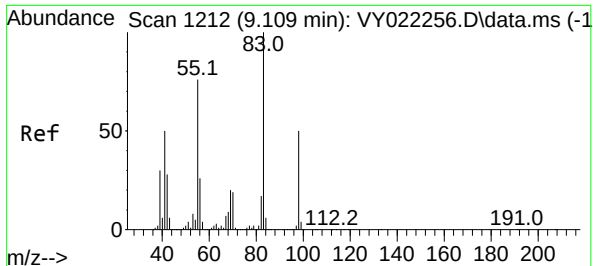
Ion Ratio Lower Upper

117 100

119 96.4 75.3 112.9

121 30.7 24.7 37.1

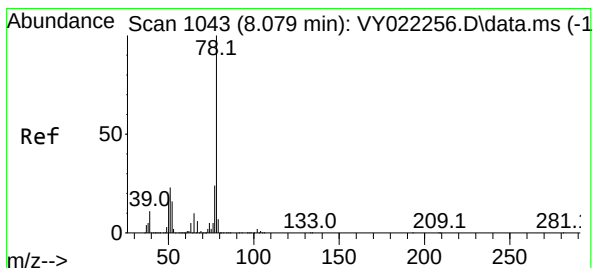
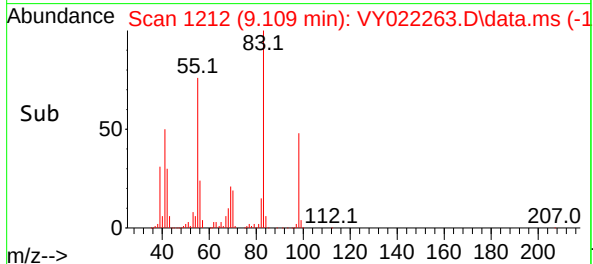
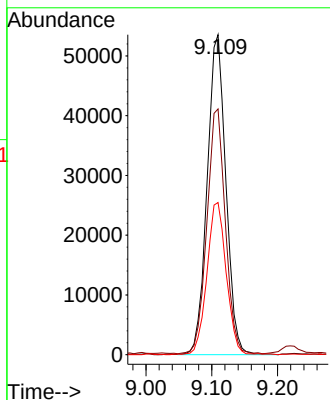
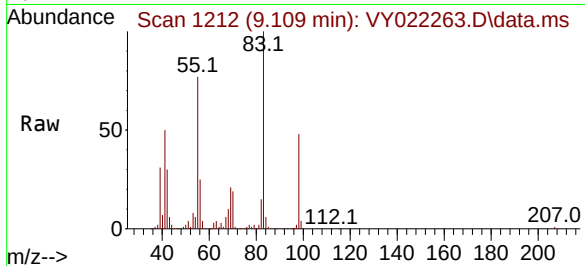




#39
Methylcyclohexane
Concen: 19.962 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

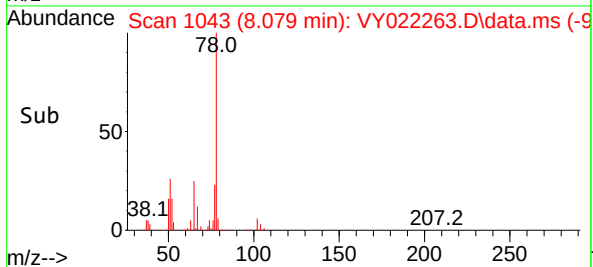
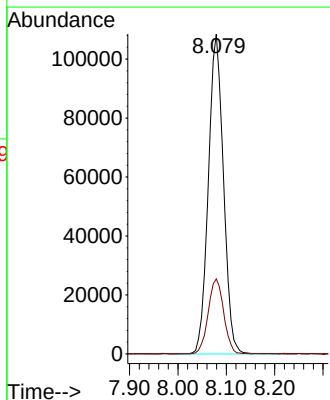
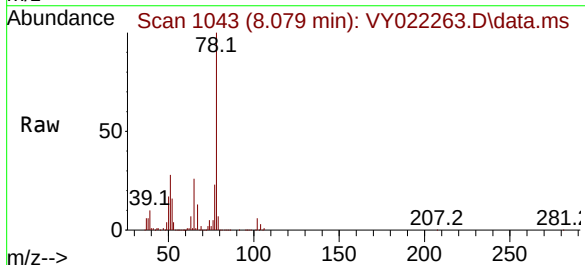
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

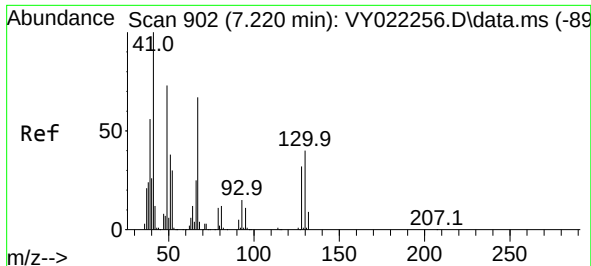
Tgt Ion: 83 Resp: 105996
Ion Ratio Lower Upper
83 100
55 76.5 60.6 90.8
98 47.6 40.0 60.0



#40
Benzene
Concen: 20.035 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion: 78 Resp: 234747
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

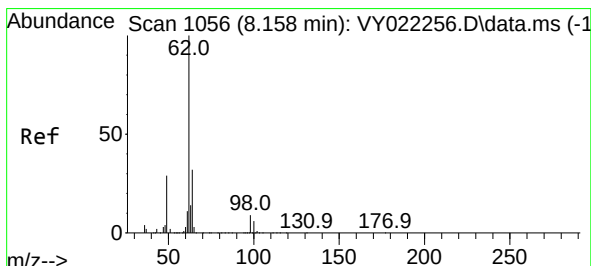
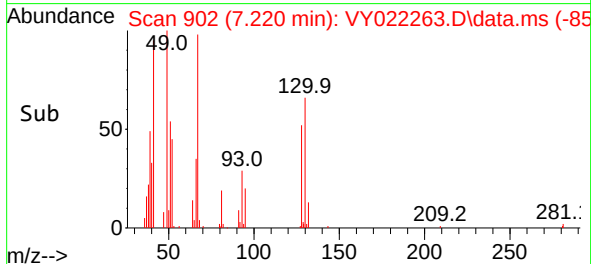
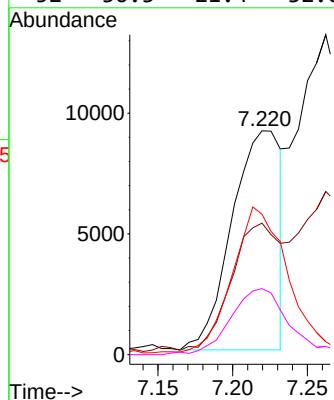
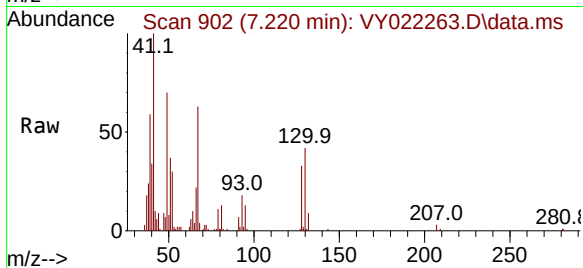




#41
Methacrylonitrile
Concen: 16.360 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

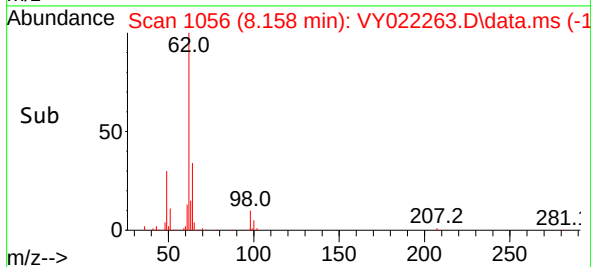
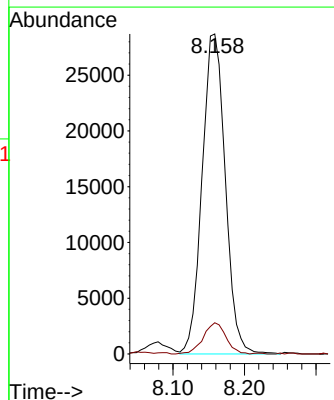
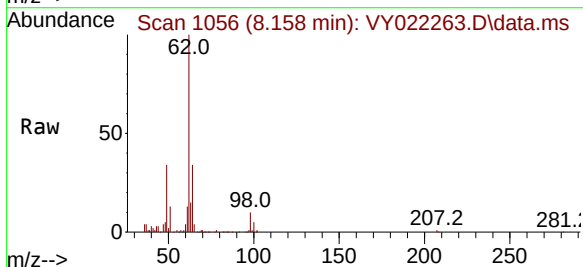
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

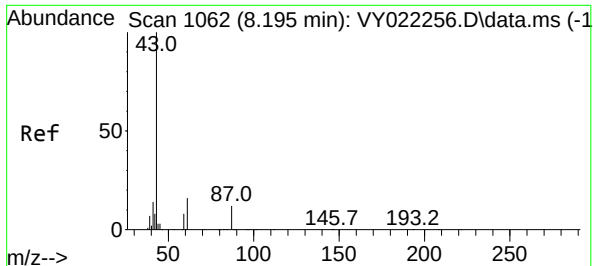
Tgt Ion:	41	Resp:	20638
Ion	Ratio	Lower	Upper
41	100		
39	56.3	39.1	58.7
67	76.6	47.1	70.7#
52	36.3	21.4	32.0#



#42
1,2-Dichloroethane
Concen: 20.377 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion:	62	Resp:	64565
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.4





#43

Isopropyl Acetate

Concen: 20.869 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

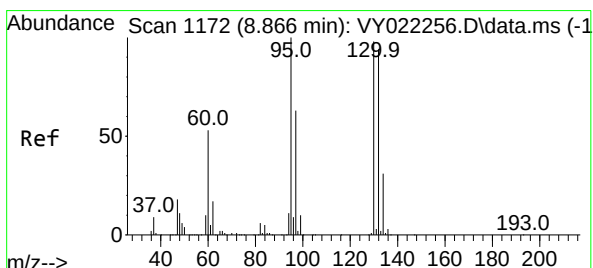
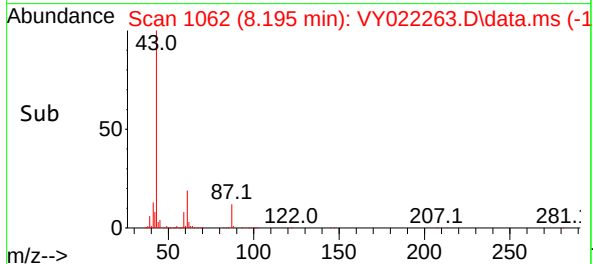
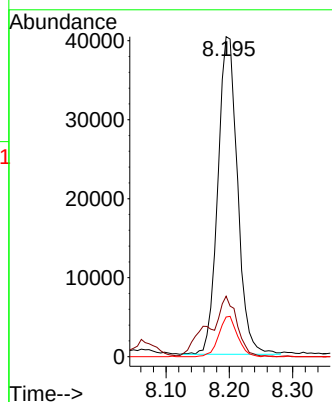
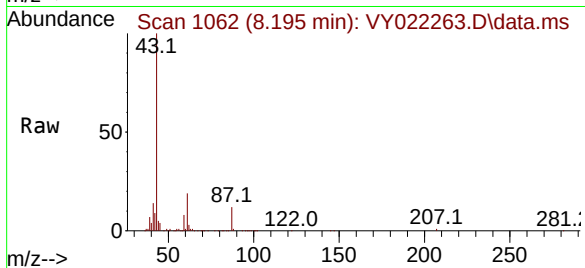
Tgt Ion: 43 Resp: 86552

Ion Ratio Lower Upper

43 100

61 17.2 15.1 22.7

87 12.1 9.7 14.5



#44

Trichloroethene

Concen: 19.807 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY022263.D

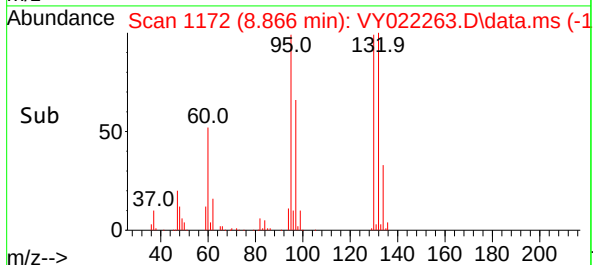
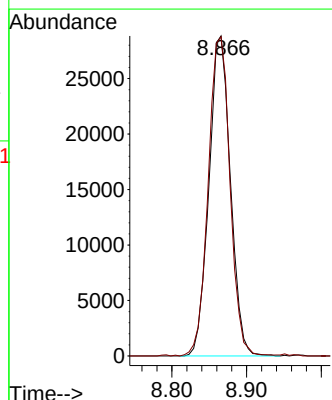
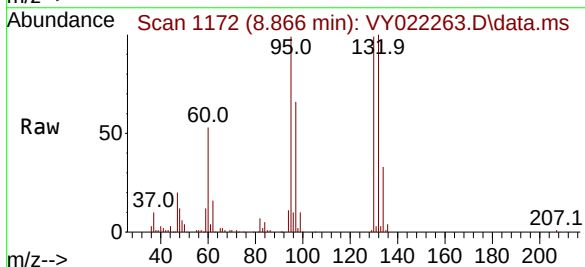
Acq: 15 May 2025 14:29

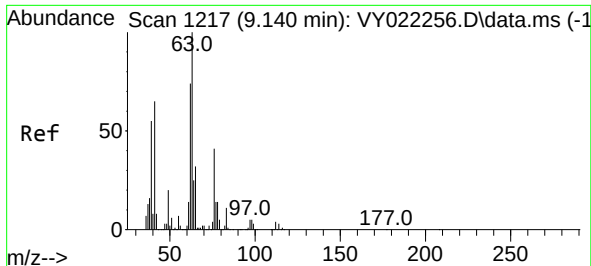
Tgt Ion:130 Resp: 57705

Ion Ratio Lower Upper

130 100

95 99.8 0.0 204.8





#45

1,2-Dichloropropane

Concen: 19.911 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

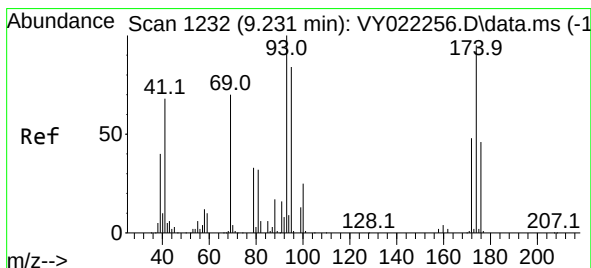
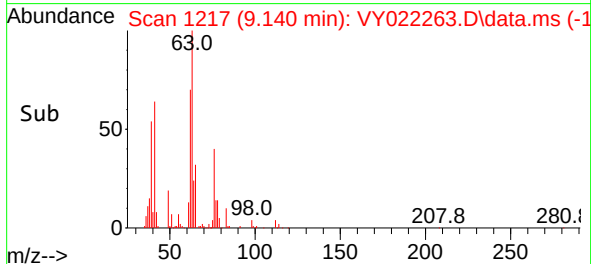
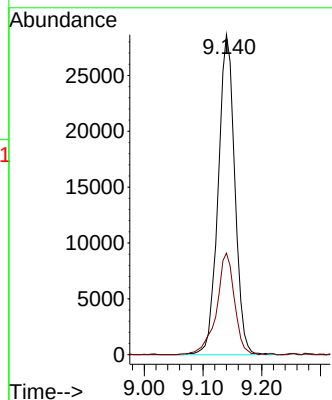
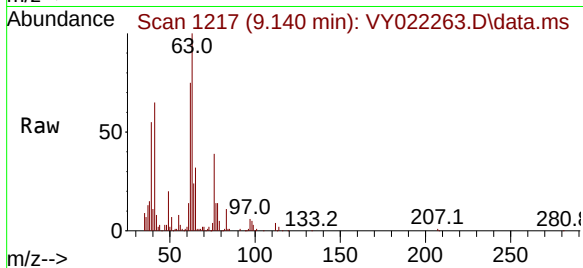
VY0515SBS01

Tgt Ion: 63 Resp: 56246

Ion Ratio Lower Upper

63 100

65 31.7 25.7 38.5



#46

Dibromomethane

Concen: 20.354 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

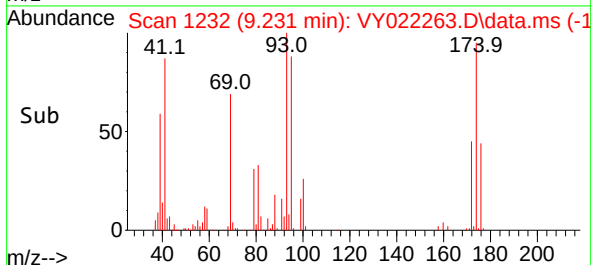
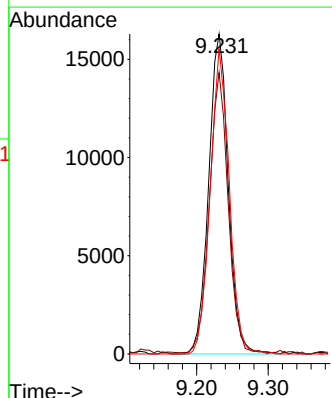
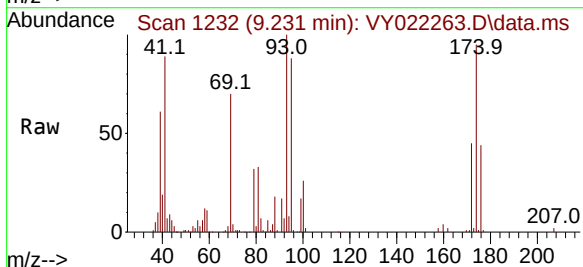
Tgt Ion: 93 Resp: 31011

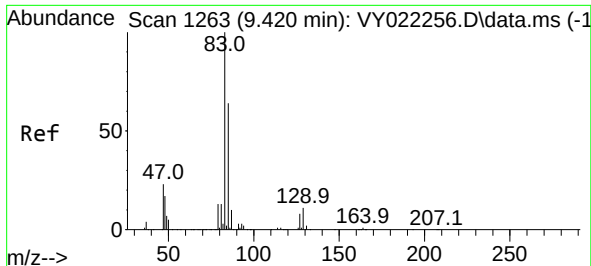
Ion Ratio Lower Upper

93 100

95 83.6 65.2 97.8

174 92.6 74.3 111.5

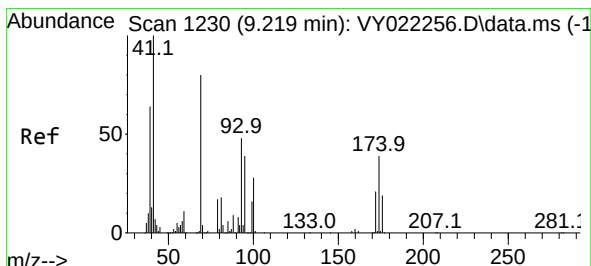
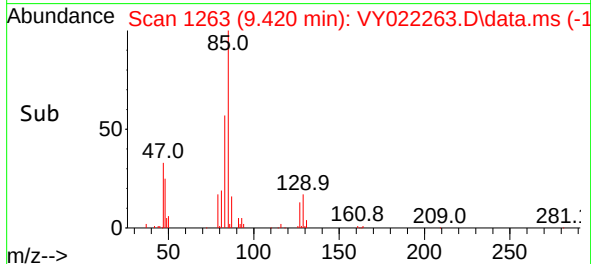
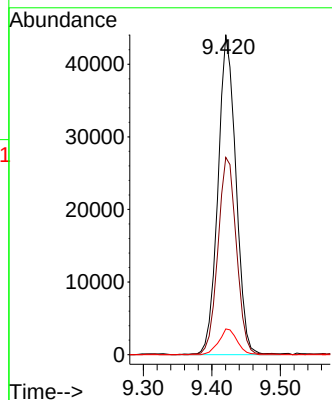
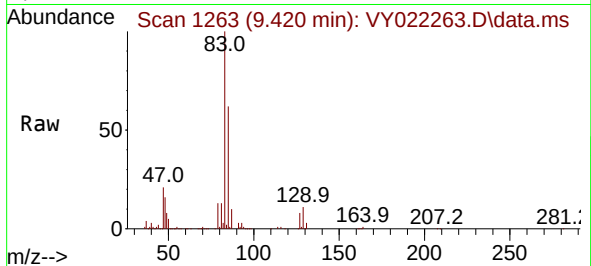




#47
Bromodichloromethane
Concen: 20.295 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

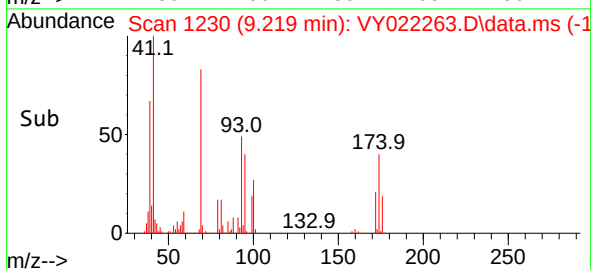
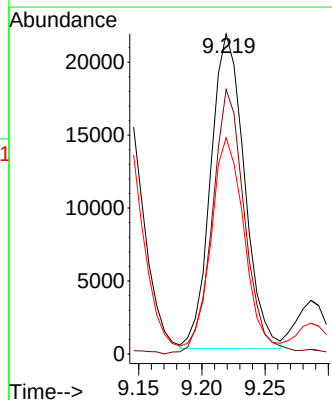
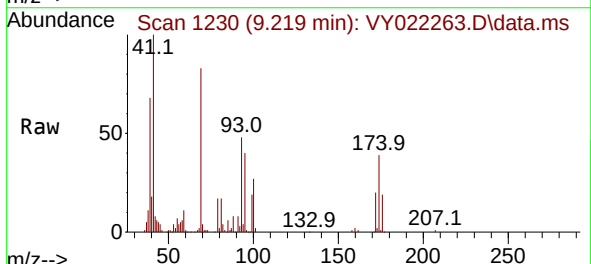
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

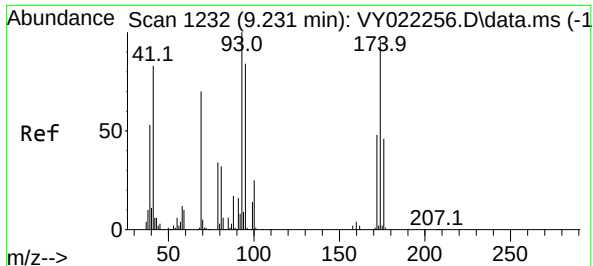
Tgt Ion: 83 Resp: 80217
Ion Ratio Lower Upper
83 100
85 61.5 51.1 76.7
127 8.0 6.6 10.0



#48
Methyl methacrylate
Concen: 20.576 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion: 41 Resp: 39908
Ion Ratio Lower Upper
41 100
69 81.3 63.5 95.3
39 63.6 50.8 76.2





#49

1,4-Dioxane

Concen: 444.632 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBSD01

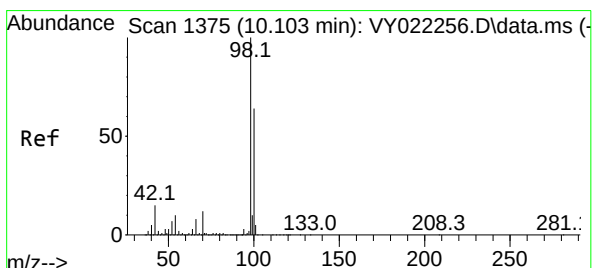
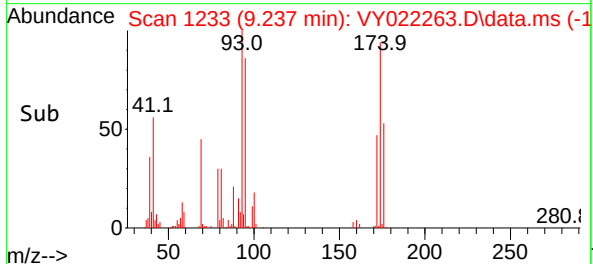
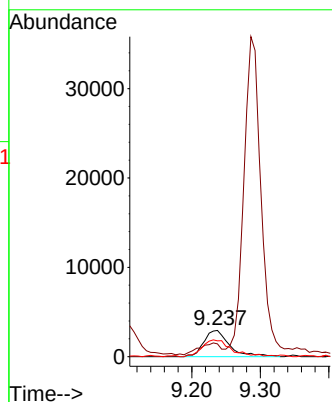
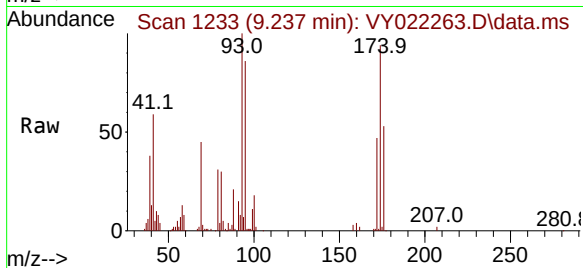
Tgt Ion: 88 Resp: 7653

Ion Ratio Lower Upper

88 100

43 36.2 28.5 42.7

58 72.7 61.4 92.2



#50

Toluene-d8

Concen: 51.242 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022263.D

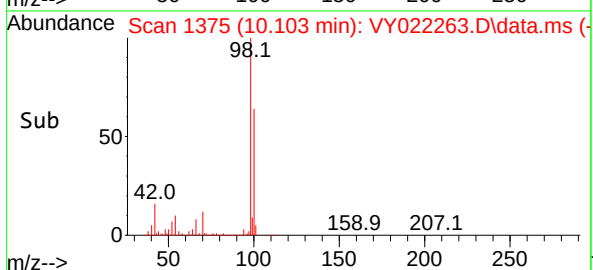
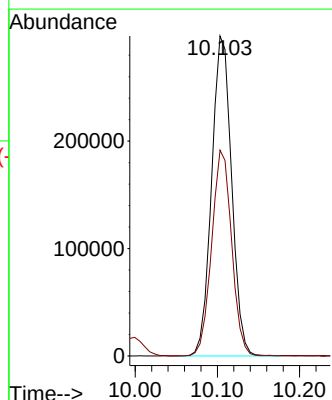
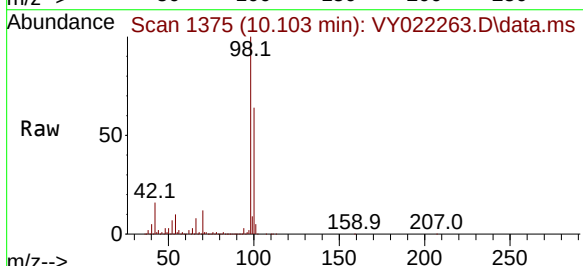
Acq: 15 May 2025 14:29

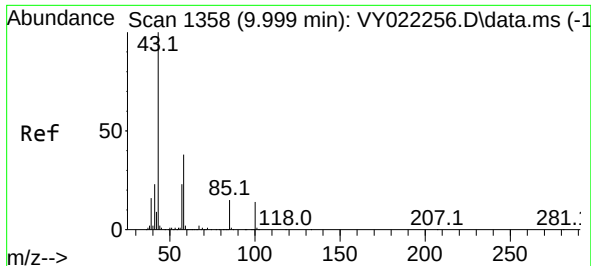
Tgt Ion: 98 Resp: 503583

Ion Ratio Lower Upper

98 100

100 64.3 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 105.023 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

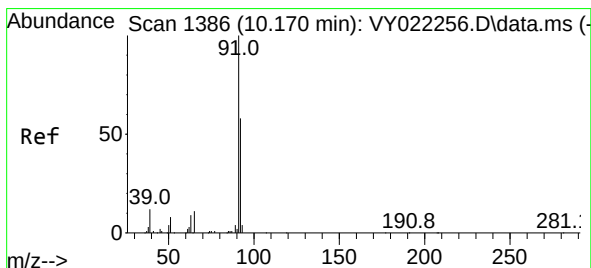
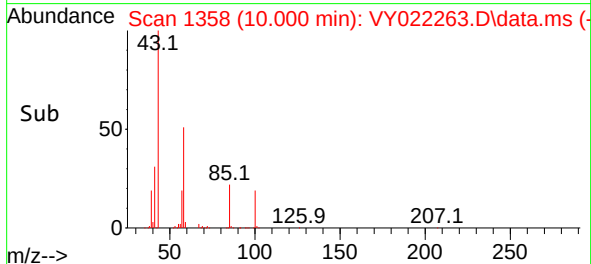
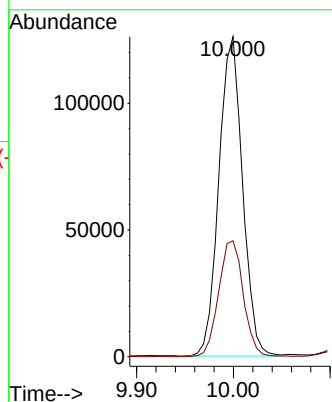
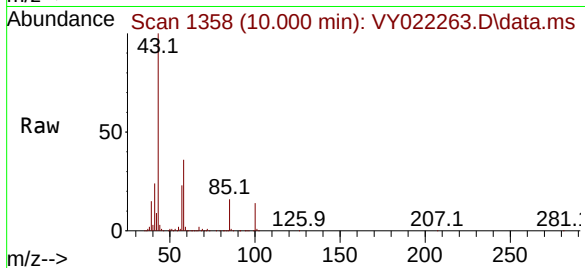
VY0515SBS01

Tgt Ion: 43 Resp: 213720

Ion Ratio Lower Upper

43 100

58 37.8 29.4 44.2



#52

Toluene

Concen: 19.501 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY022263.D

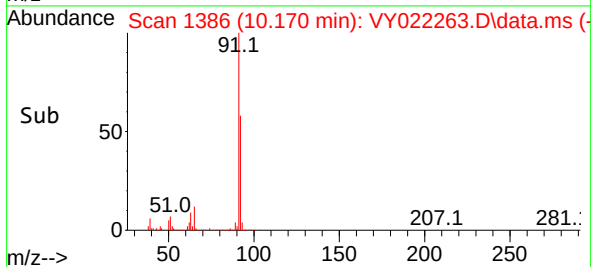
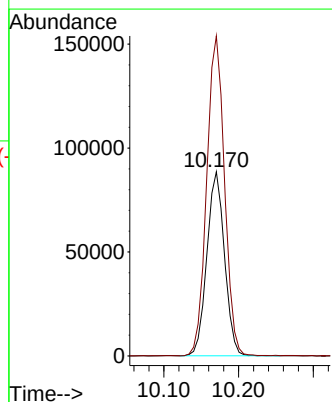
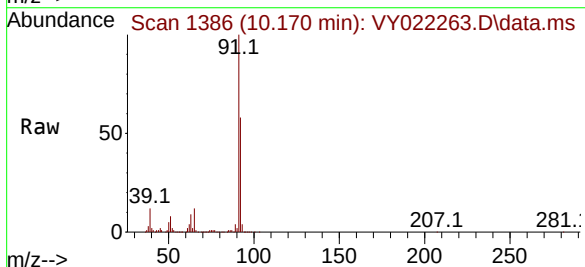
Acq: 15 May 2025 14:29

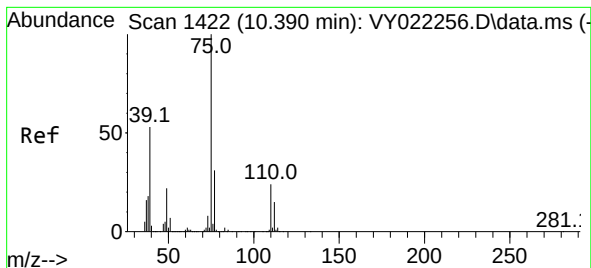
Tgt Ion: 92 Resp: 144686

Ion Ratio Lower Upper

92 100

91 175.8 139.1 208.7

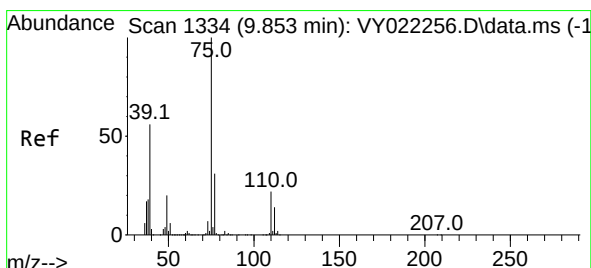
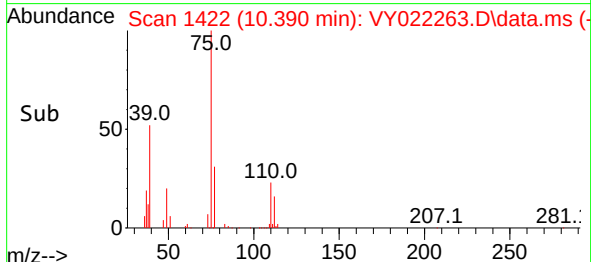
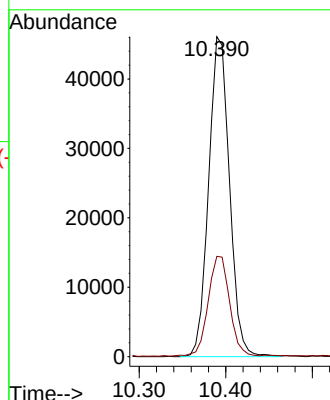
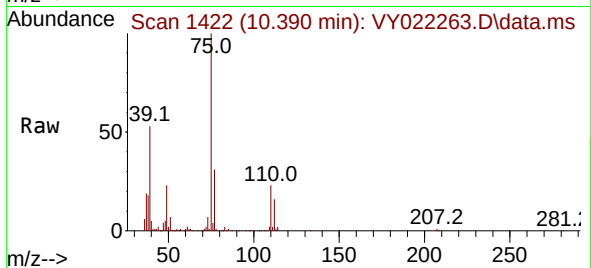




#53
 t-1,3-Dichloropropene
 Concen: 19.949 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY022263.D
 Acq: 15 May 2025 14:29

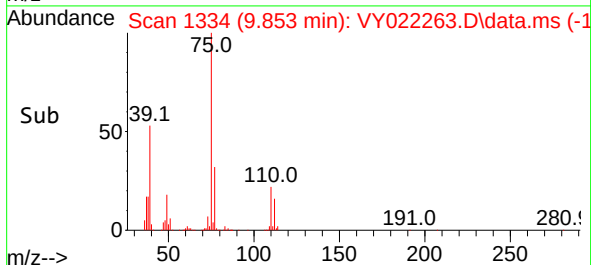
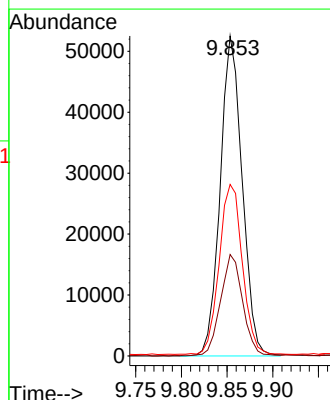
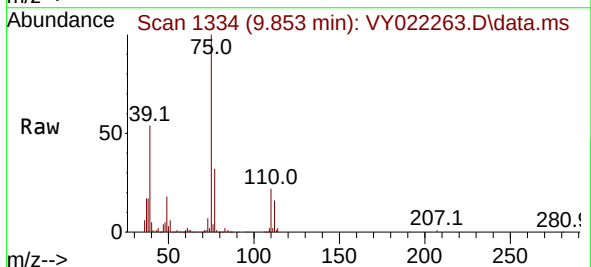
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBS01

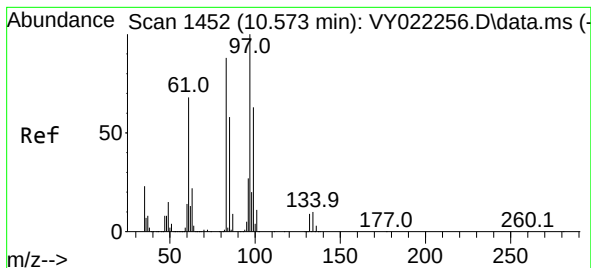
Tgt Ion: 75 Resp: 76950
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.924 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022263.D
 Acq: 15 May 2025 14:29

Tgt Ion: 75 Resp: 88052
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.1 37.7
 39 53.1 44.5 66.7





#55

1,1,2-Trichloroethane

Concen: 20.615 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBSD01

Tgt Ion: 97 Resp: 40220

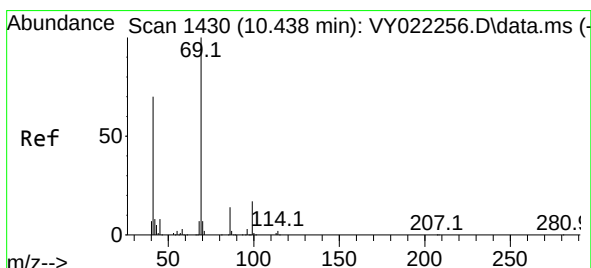
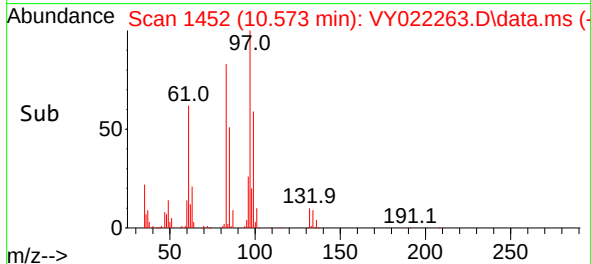
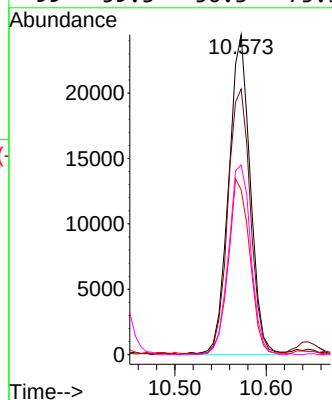
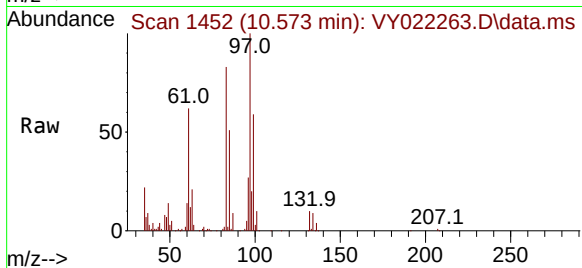
Ion Ratio Lower Upper

97 100

83 83.1 70.3 105.5

85 51.1 46.2 69.4

99 59.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.583 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

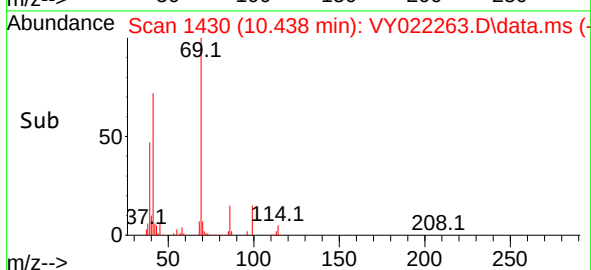
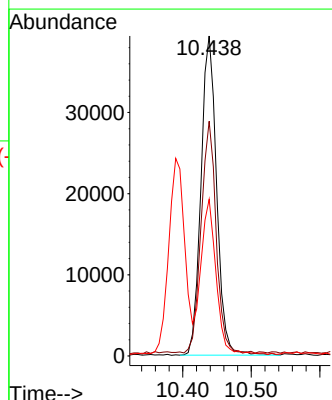
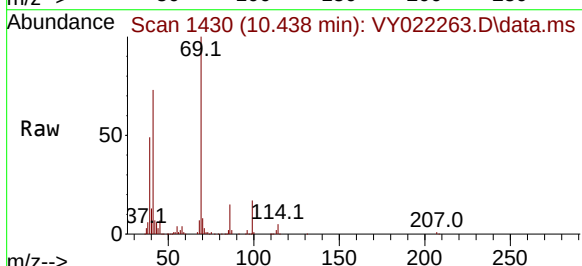
Tgt Ion: 69 Resp: 62553

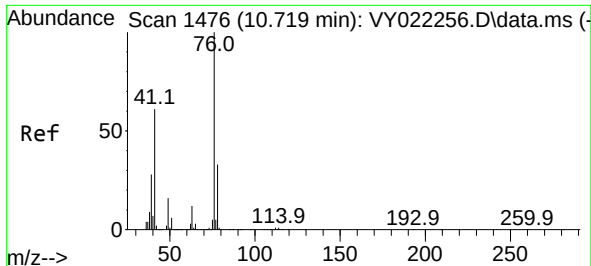
Ion Ratio Lower Upper

69 100

41 69.8 56.5 84.7

39 47.6 37.1 55.7





#57

1,3-Dichloropropane

Concen: 20.625 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

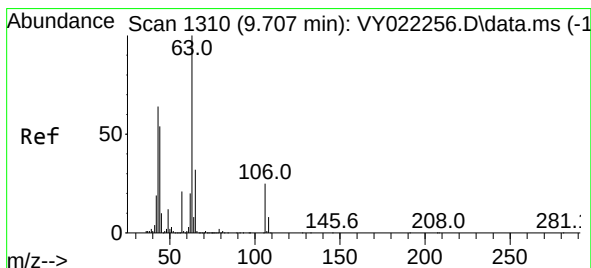
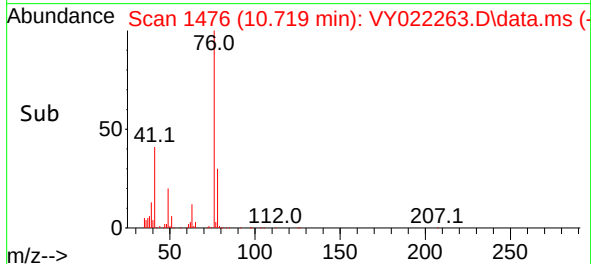
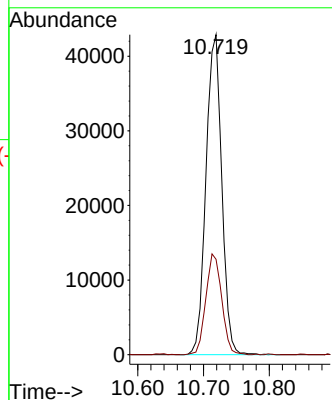
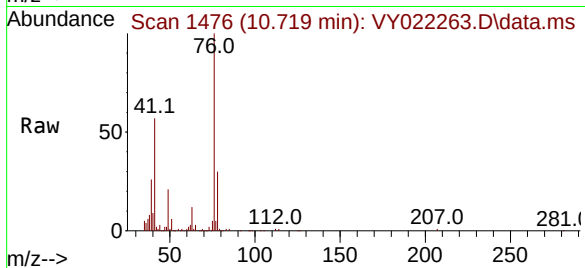
VY0515SBSD01

Tgt Ion: 76 Resp: 71496

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 94.593 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY022263.D

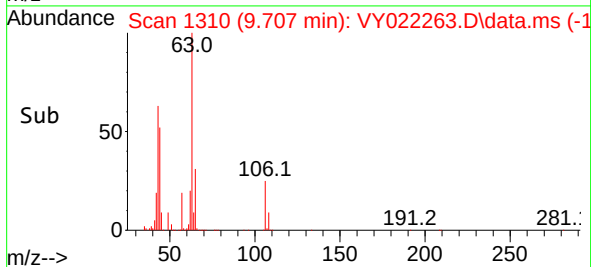
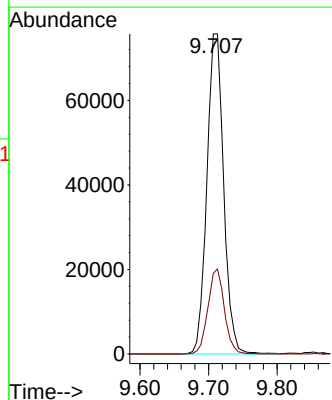
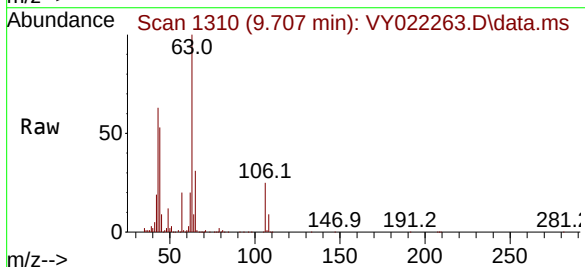
Acq: 15 May 2025 14:29

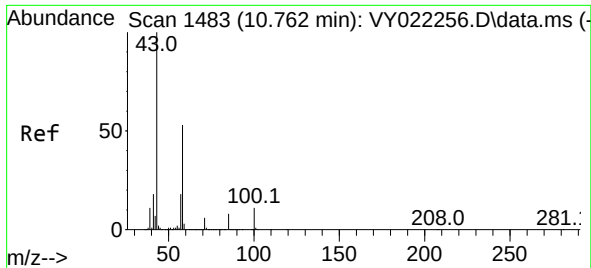
Tgt Ion: 63 Resp: 129032

Ion Ratio Lower Upper

63 100

106 25.9 21.0 31.4

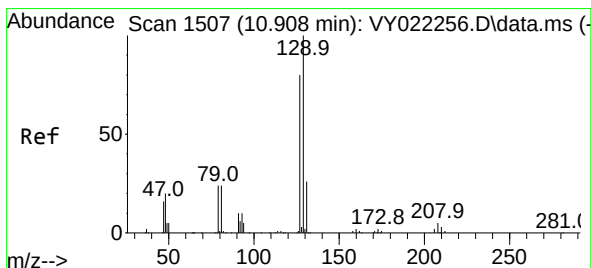
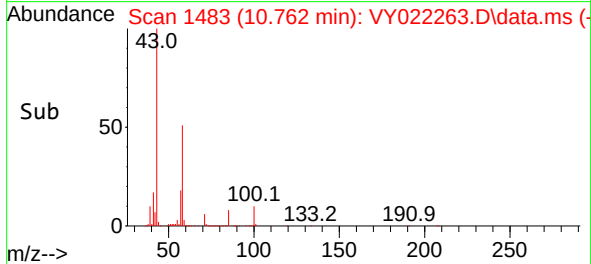
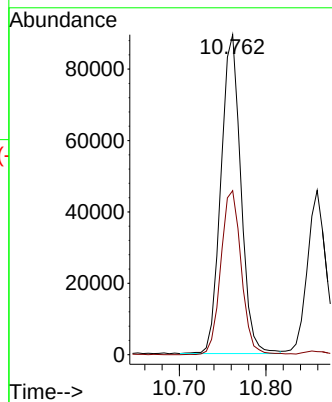
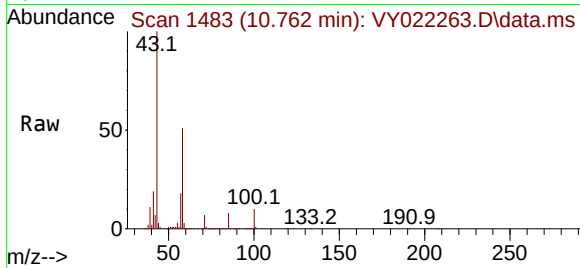




#59
2-Hexanone
Concen: 104.509 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

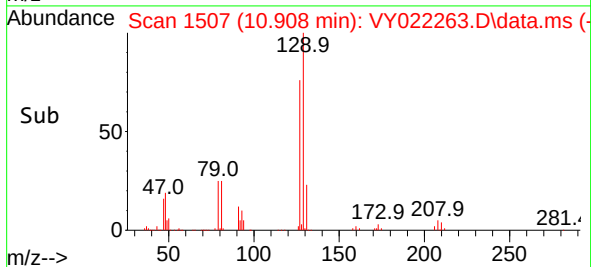
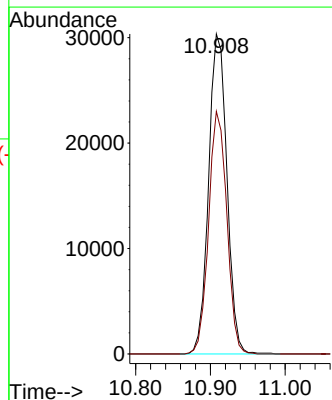
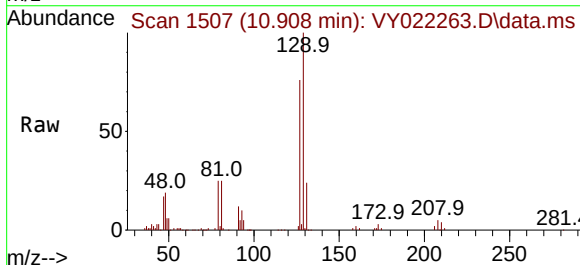
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

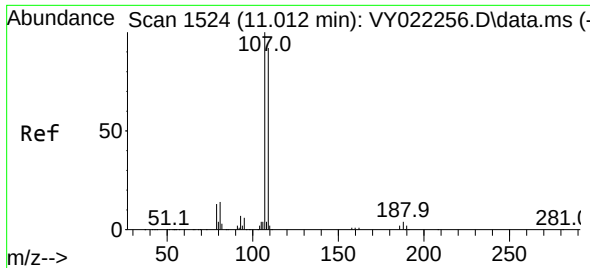
Tgt Ion: 43 Resp: 142594
Ion Ratio Lower Upper
43 100
58 52.9 26.1 78.3



#60
Dibromochloromethane
Concen: 20.424 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion: 129 Resp: 51719
Ion Ratio Lower Upper
129 100
127 75.3 38.6 115.7

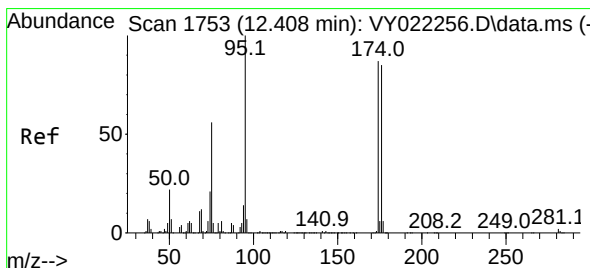
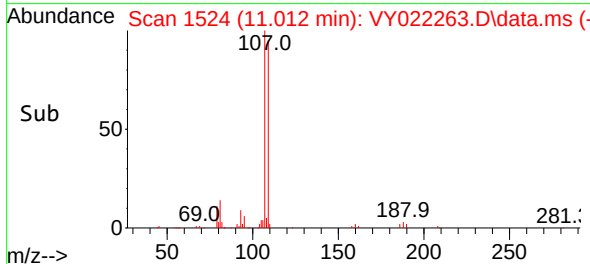
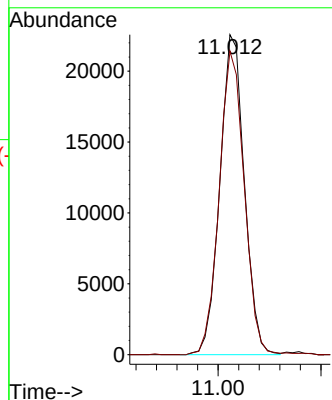
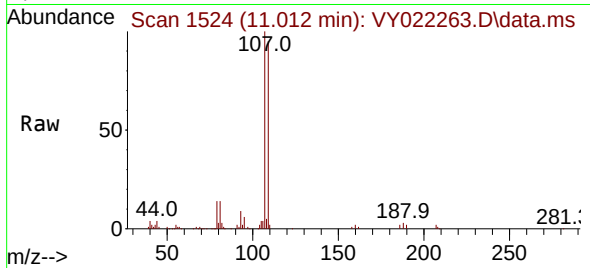




#61
1,2-Dibromoethane
Concen: 20.509 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

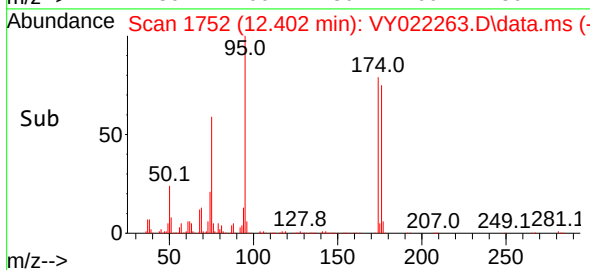
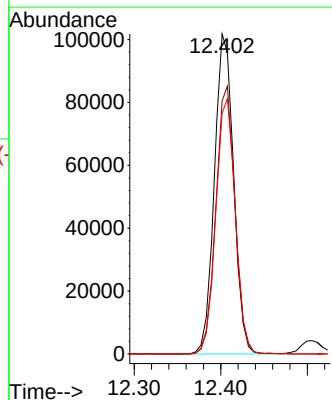
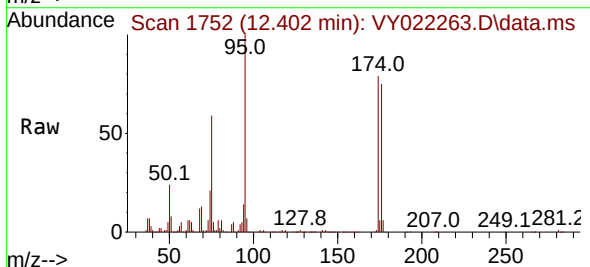
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

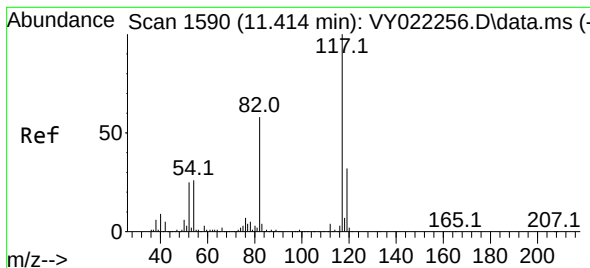
Tgt Ion:107 Resp: 37293
Ion Ratio Lower Upper
107 100
109 97.3 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 50.364 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion: 95 Resp: 156883
Ion Ratio Lower Upper
95 100
174 83.0 0.0 166.8
176 80.8 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: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

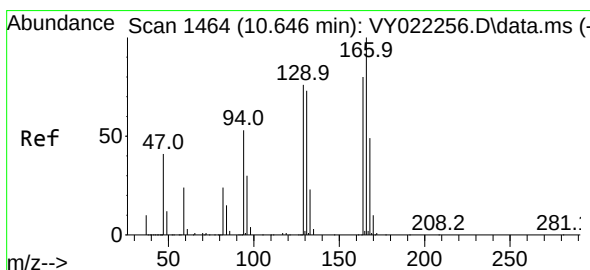
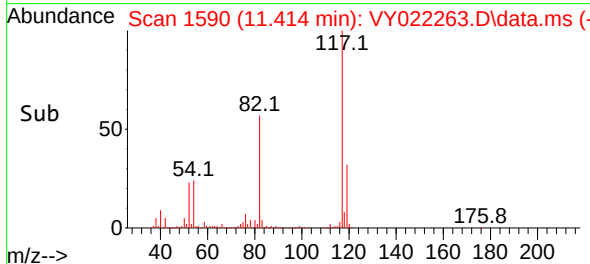
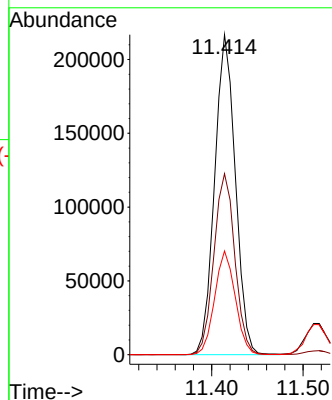
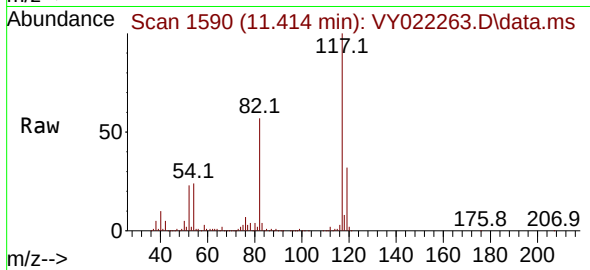
Tgt Ion:117 Resp: 341987

Ion Ratio Lower Upper

117 100

82 56.5 46.6 70.0

119 32.4 25.8 38.6



#64

Tetrachloroethene

Concen: 19.866 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Tgt Ion:164 Resp: 62797

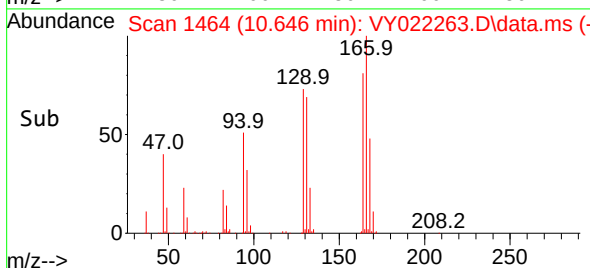
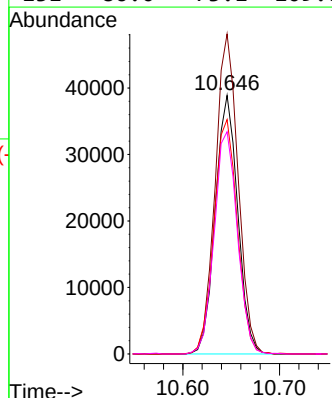
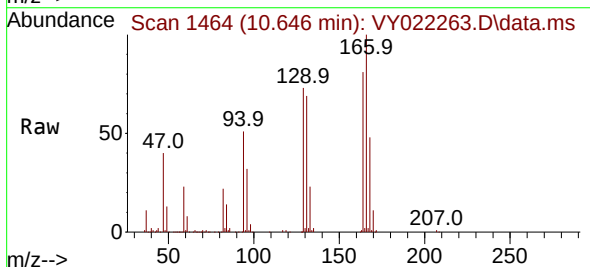
Ion Ratio Lower Upper

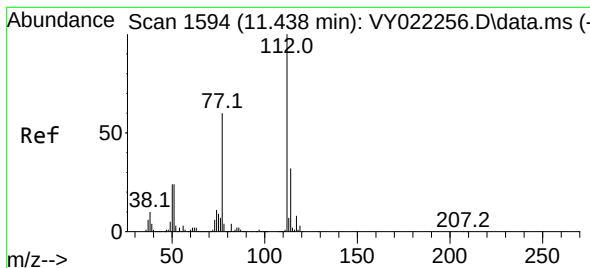
164 100

166 123.8 100.4 150.6

129 90.7 76.4 114.6

131 86.0 73.1 109.7

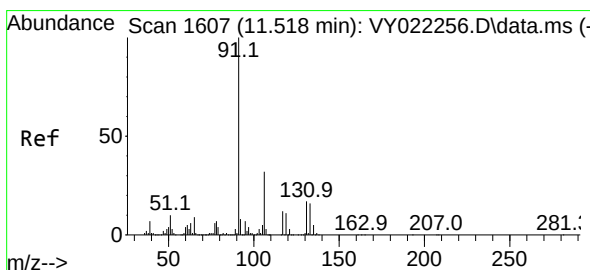
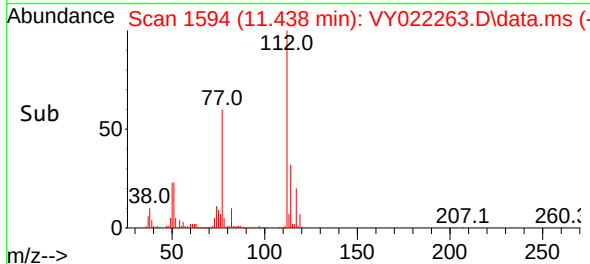
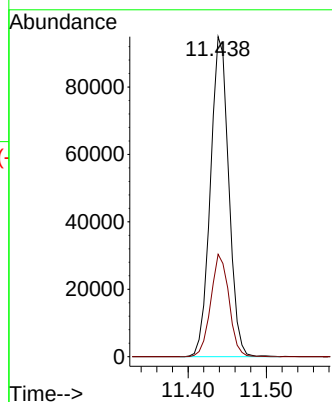
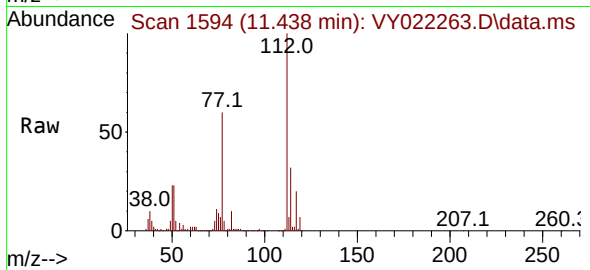




#65
Chlorobenzene
Concen: 19.950 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

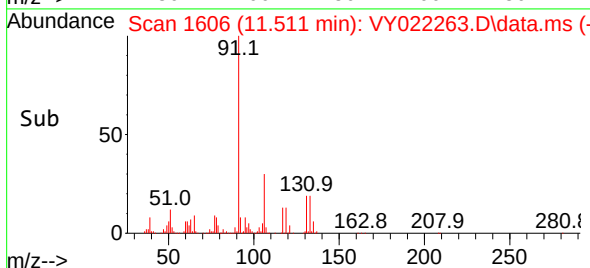
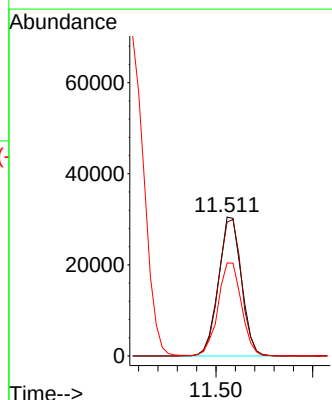
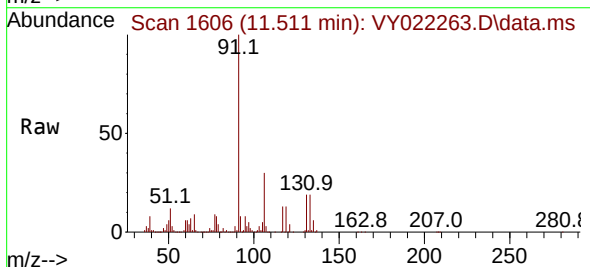
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

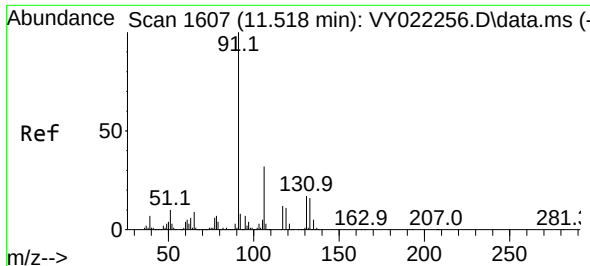
Tgt Ion:112 Resp: 153929
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.944 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion:131 Resp: 50248
Ion Ratio Lower Upper
131 100
133 98.4 47.3 141.9
119 68.3 33.1 99.2

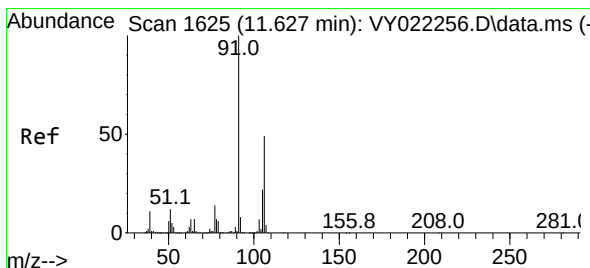
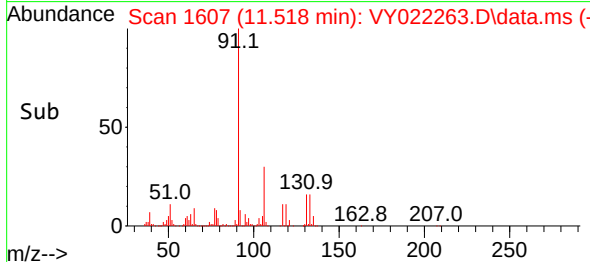
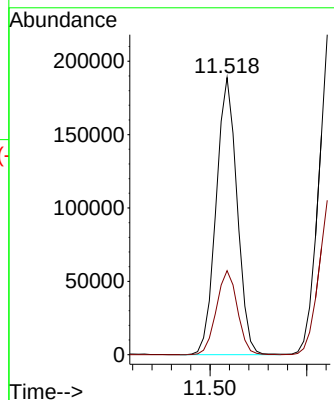
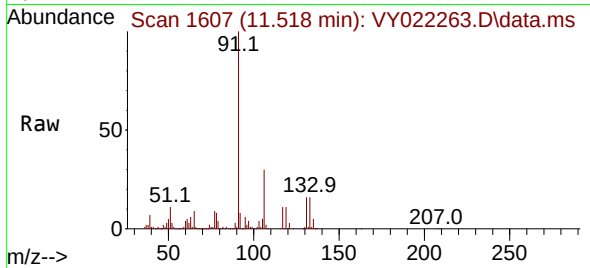




#67
Ethyl Benzene
Concen: 19.619 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

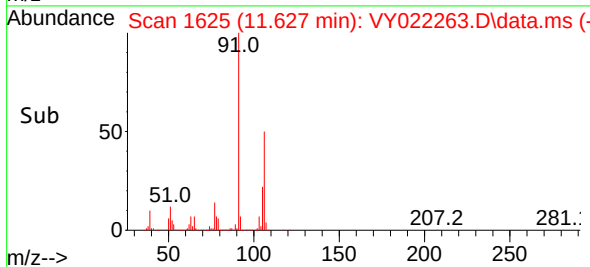
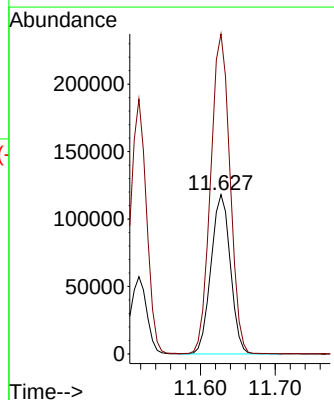
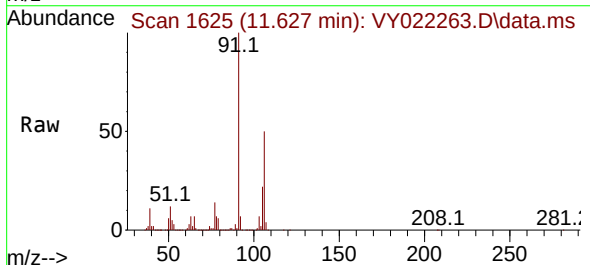
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

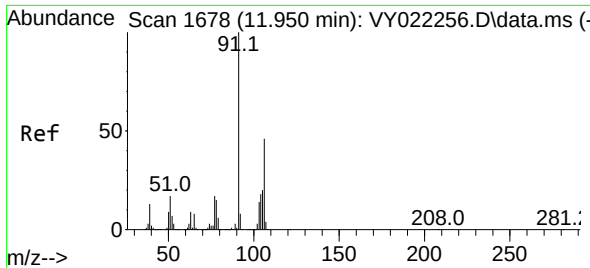
Tgt Ion: 91 Resp: 283493
Ion Ratio Lower Upper
91 100
106 30.3 25.4 38.0



#68
m/p-Xylenes
Concen: 39.085 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion: 106 Resp: 212811
Ion Ratio Lower Upper
106 100
91 201.1 163.0 244.4

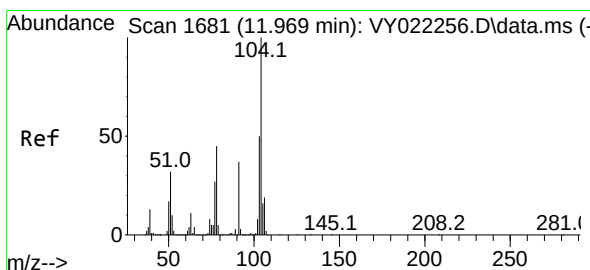
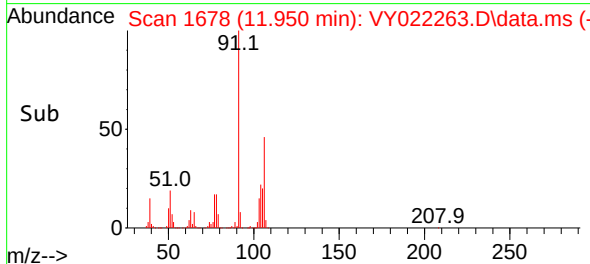
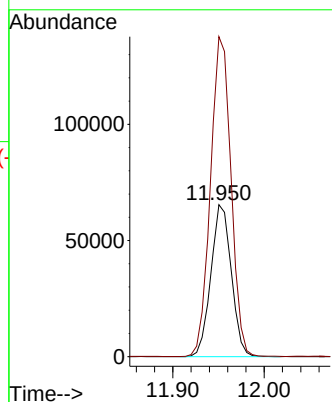
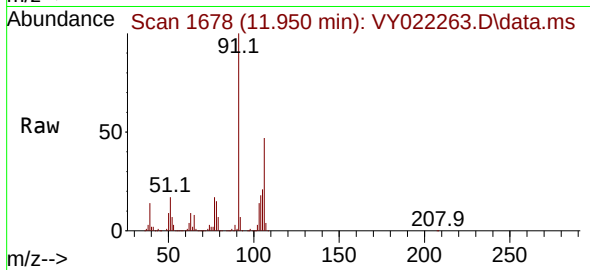




#69
o-Xylene
Concen: 19.677 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

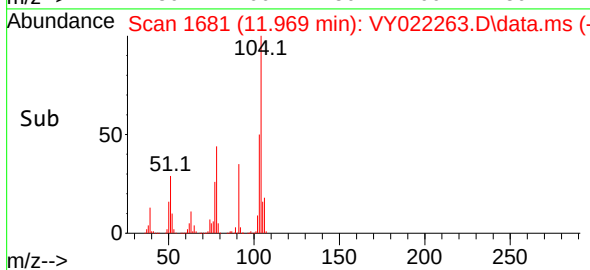
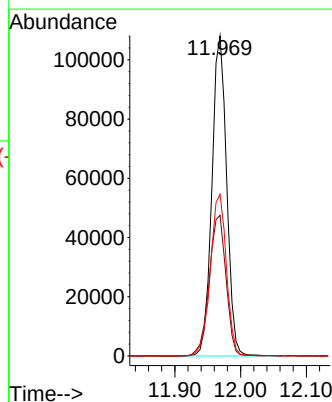
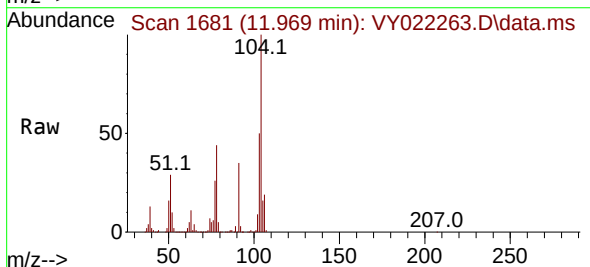
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

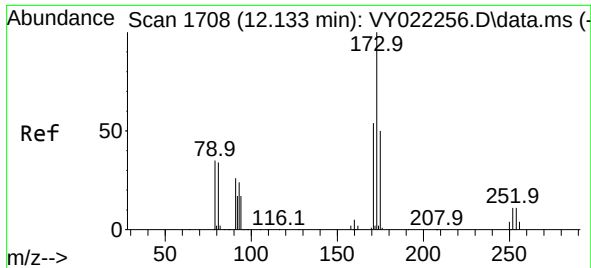
Tgt Ion:106 Resp: 101365
Ion Ratio Lower Upper
106 100
91 211.6 108.3 324.8



#70
Styrene
Concen: 19.418 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion:104 Resp: 168741
Ion Ratio Lower Upper
104 100
78 50.1 40.9 61.3
103 55.1 43.7 65.5

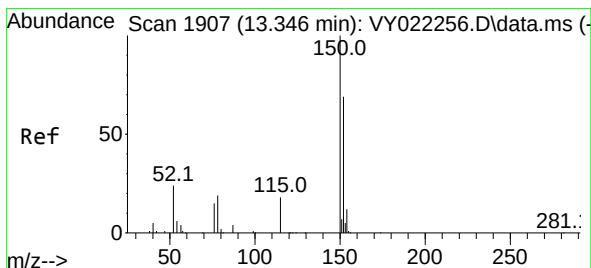
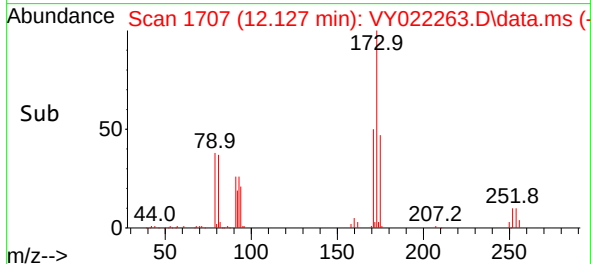
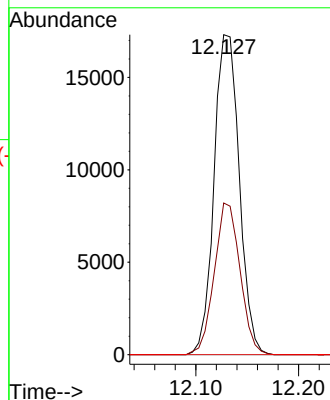
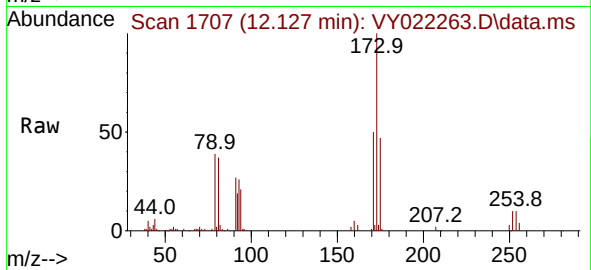




#71
Bromoform
Concen: 20.613 ug/l
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

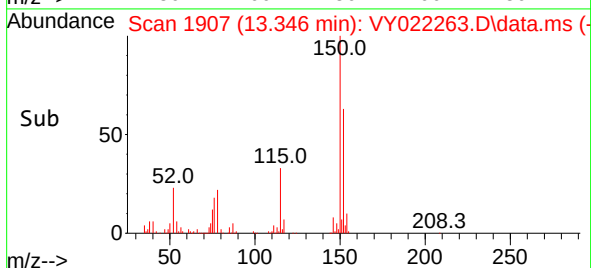
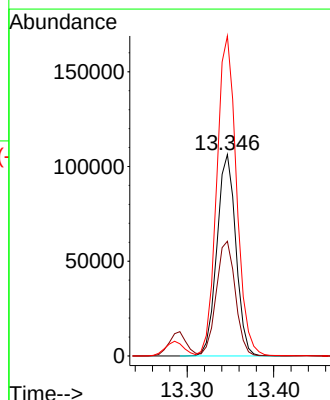
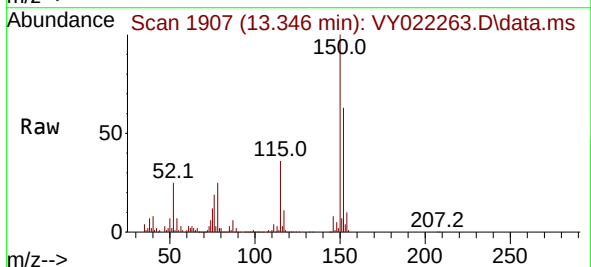
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

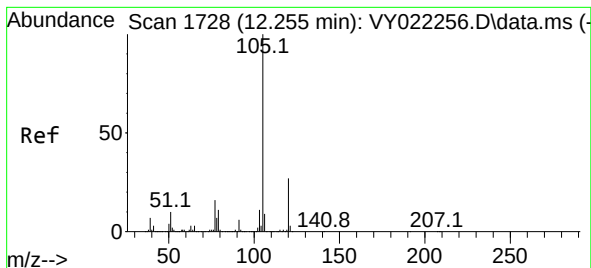
Tgt Ion:173 Resp: 29512
Ion Ratio Lower Upper
173 100
175 48.3 24.7 74.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion:152 Resp: 161126
Ion Ratio Lower Upper
152 100
115 57.3 29.4 88.2
150 166.0 0.0 353.8





#73

Isopropylbenzene

Concen: 19.627 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

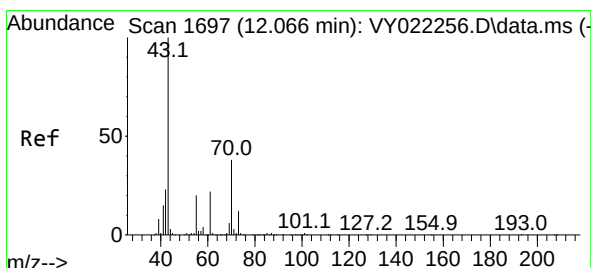
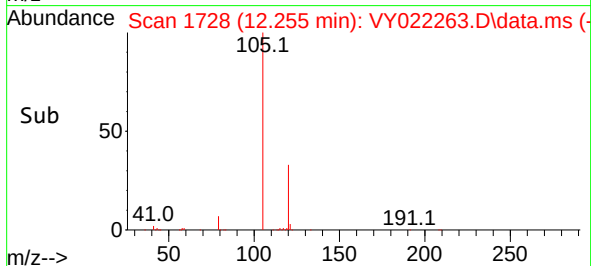
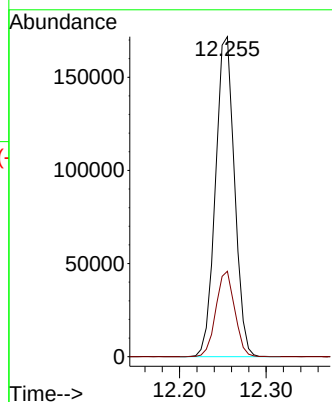
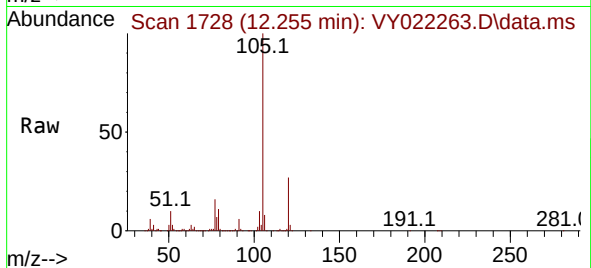
VY0515SBS01

Tgt Ion:105 Resp: 261986

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 20.747 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Tgt Ion: 43 Resp: 79208

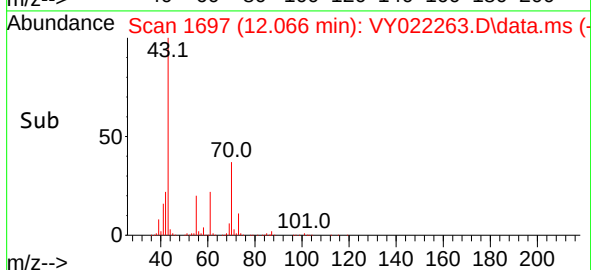
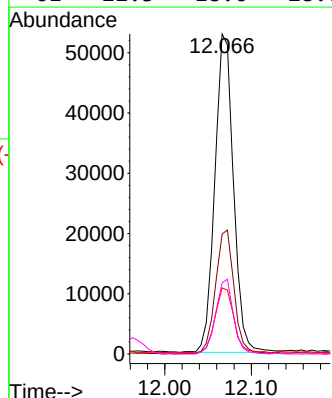
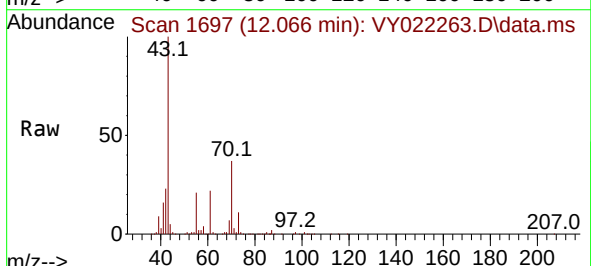
Ion Ratio Lower Upper

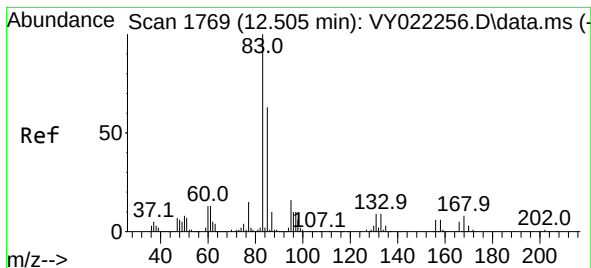
43 100

70 38.8 31.4 47.0

55 20.3 17.0 25.6

61 22.3 18.6 28.0





#75

1,1,2-Tetrachloroethane

Concen: 21.307 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

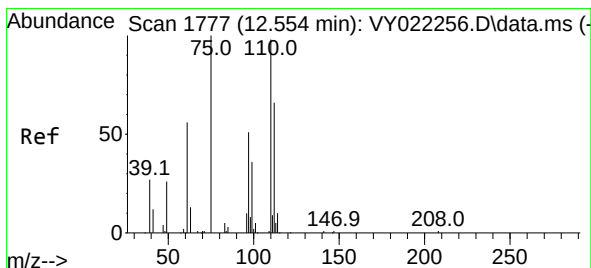
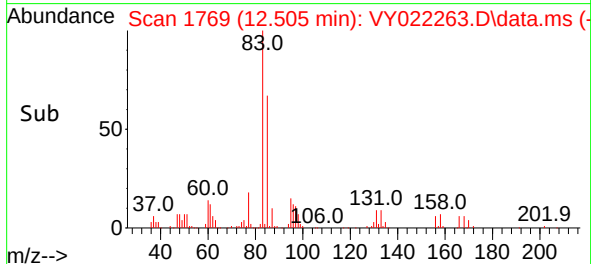
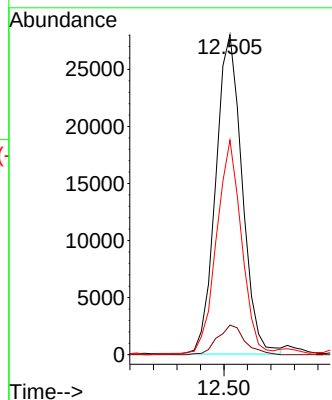
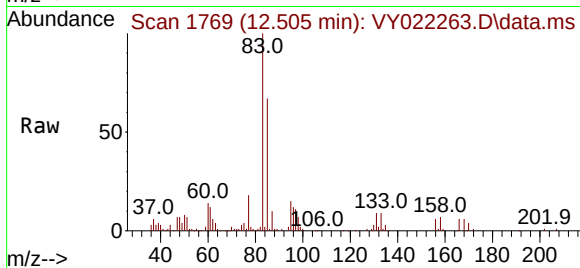
Tgt Ion: 83 Resp: 43741

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

85 64.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 38.384 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY022263.D

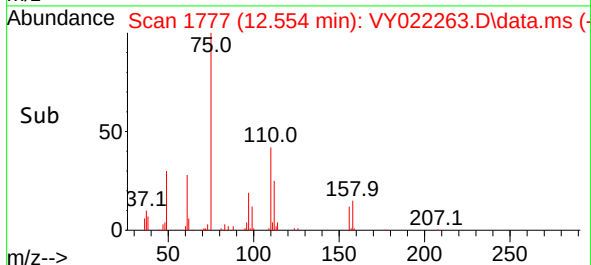
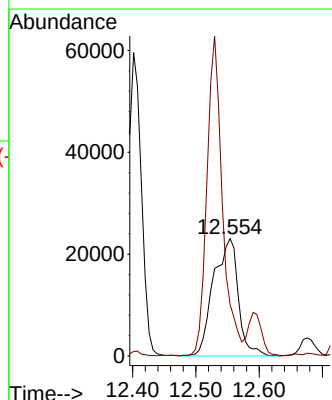
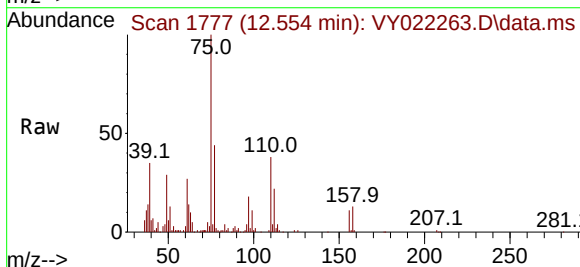
Acq: 15 May 2025 14:29

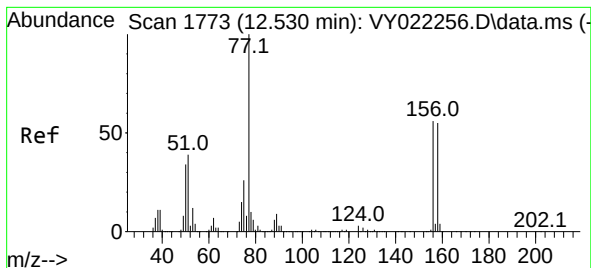
Tgt Ion: 75 Resp: 62657

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.572 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBSD01

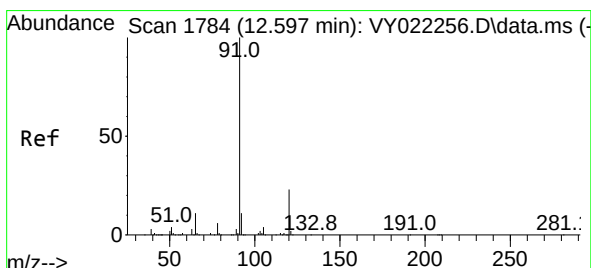
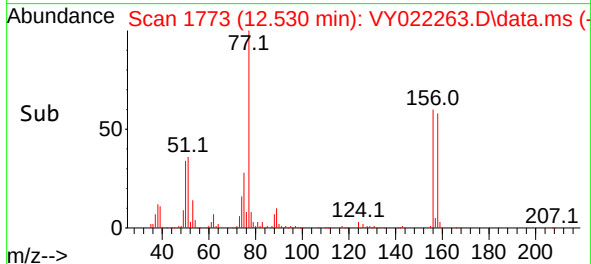
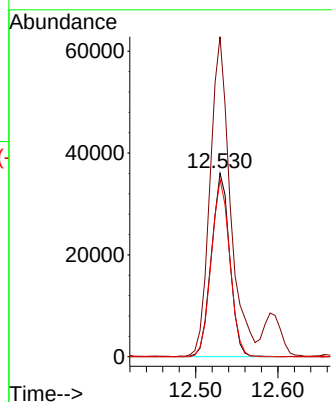
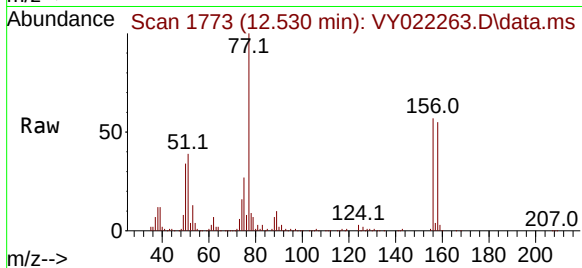
Tgt Ion:156 Resp: 55800

Ion Ratio Lower Upper

156 100

77 192.9 94.5 283.6

158 97.6 48.4 145.3



#78

n-propylbenzene

Concen: 19.730 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022263.D

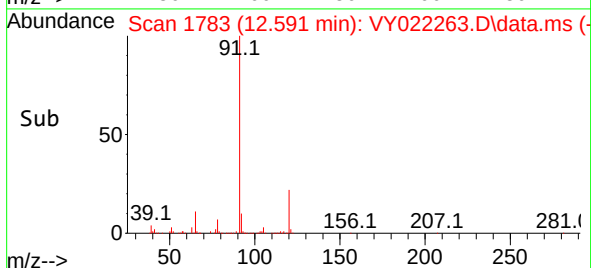
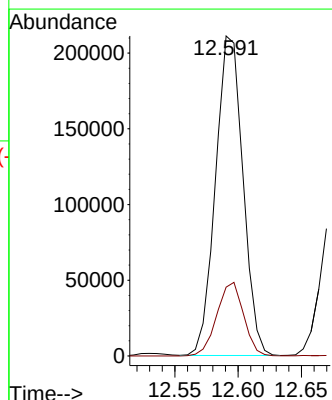
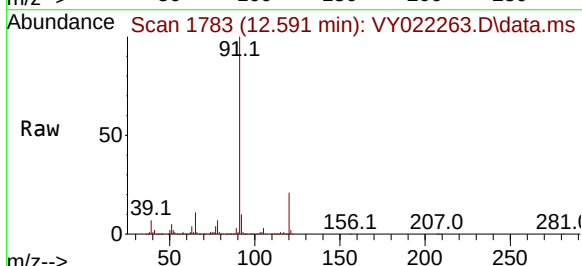
Acq: 15 May 2025 14:29

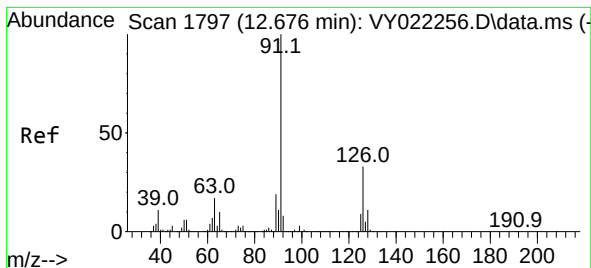
Tgt Ion: 91 Resp: 317668

Ion Ratio Lower Upper

91 100

120 22.5 11.1 33.3

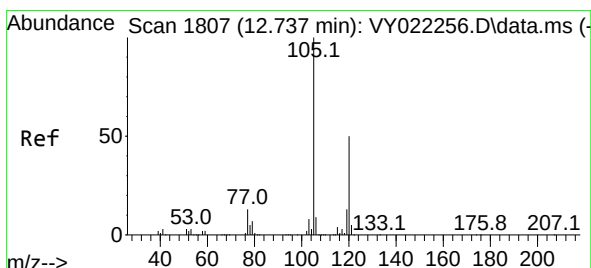
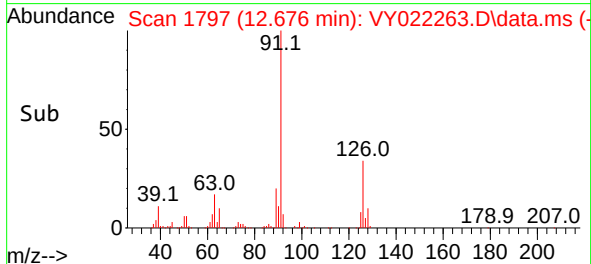
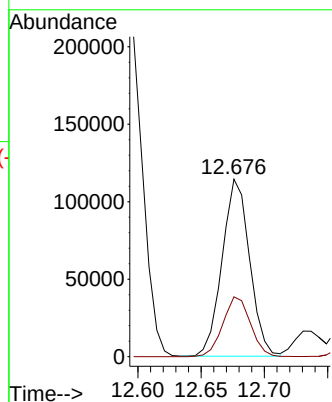
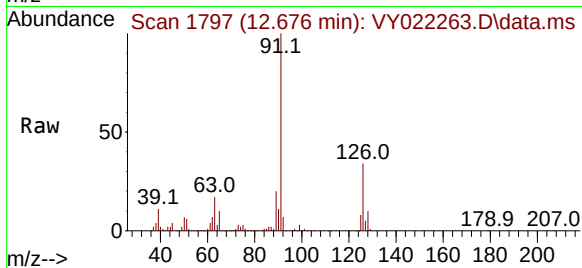




#79
2-Chlorotoluene
Concen: 19.530 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

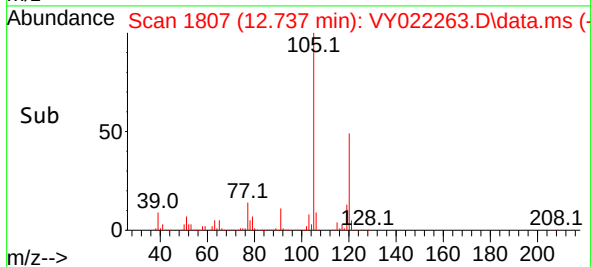
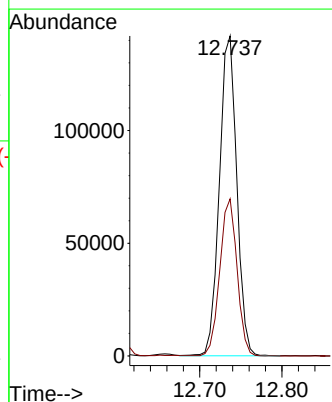
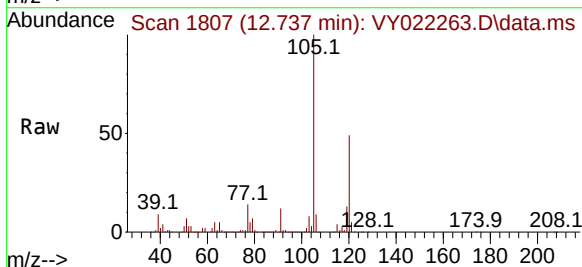
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

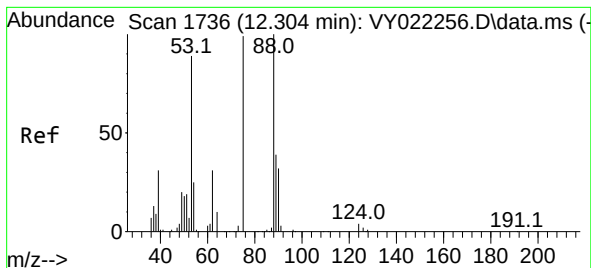
Tgt Ion: 91 Resp: 172805
Ion Ratio Lower Upper
91 100
126 33.9 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 19.309 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion: 105 Resp: 208067
Ion Ratio Lower Upper
105 100
120 48.8 24.2 72.6

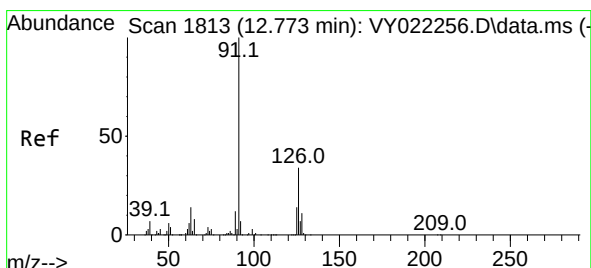
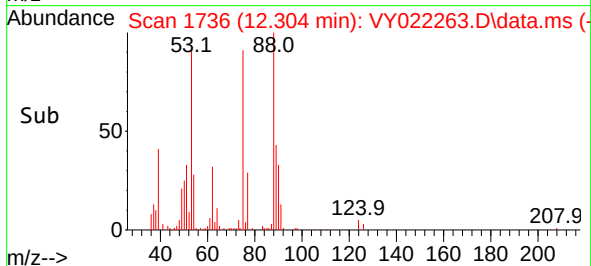
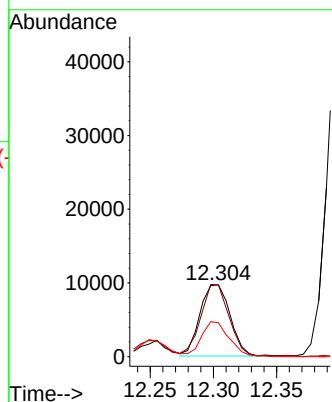
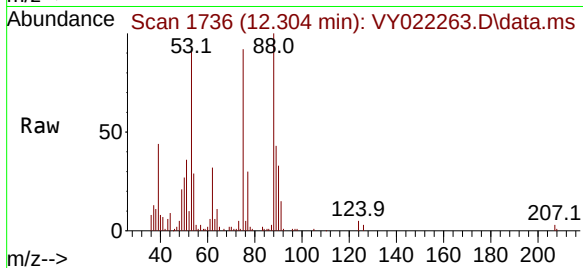




#81
trans-1,4-Dichloro-2-butene
Concen: 19.907 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

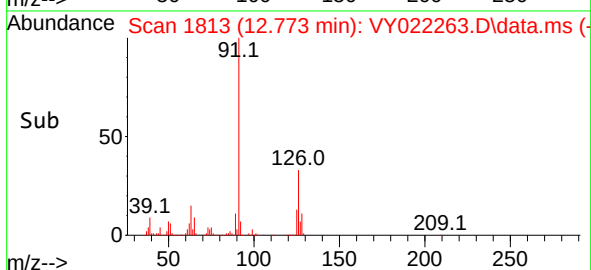
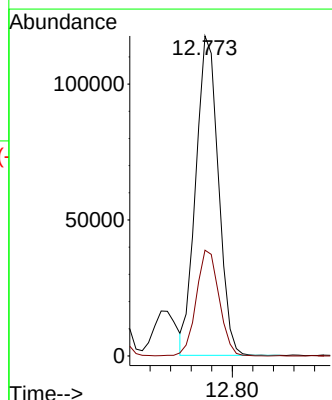
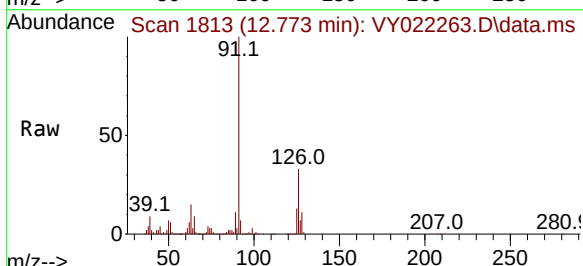
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

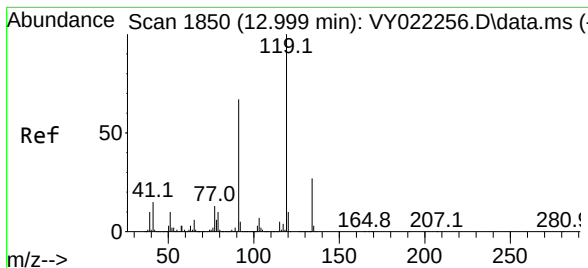
Tgt Ion: 75 Resp: 16041
Ion Ratio Lower Upper
75 100
53 93.0 75.8 113.8
89 45.5 36.2 54.2



#82
4-Chlorotoluene
Concen: 19.663 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion: 91 Resp: 178952
Ion Ratio Lower Upper
91 100
126 33.7 16.8 50.4





#83

tert-Butylbenzene

Concen: 19.898 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBSD01

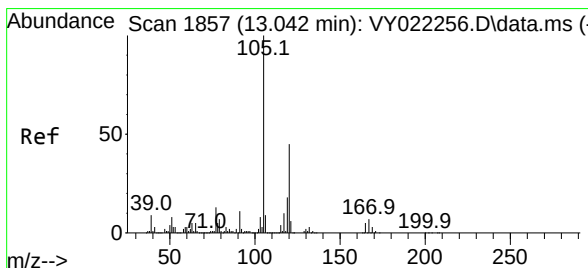
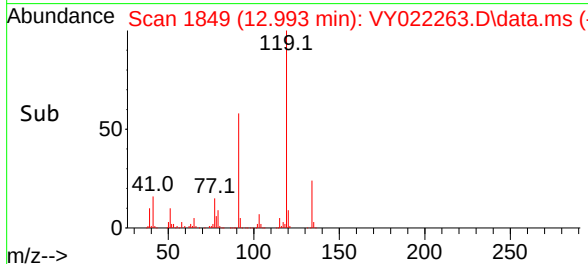
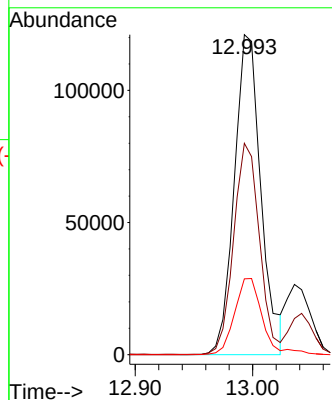
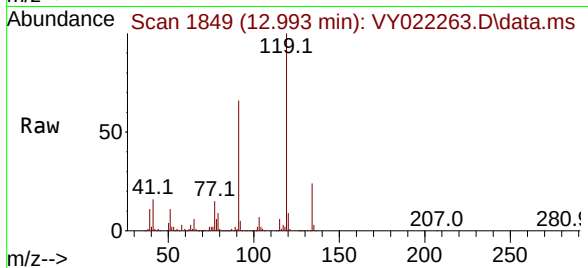
Tgt Ion:119 Resp: 190568

Ion Ratio Lower Upper

119 100

91 64.1 32.8 98.3

134 24.9 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 19.646 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022263.D

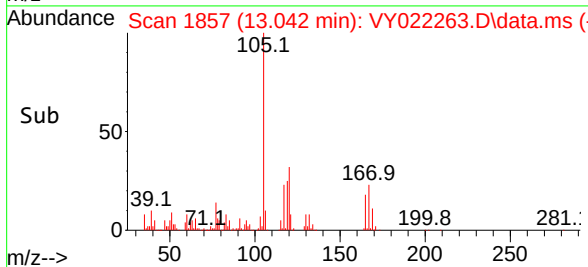
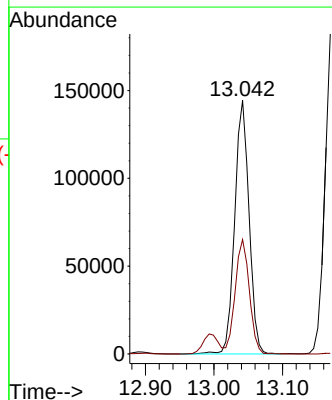
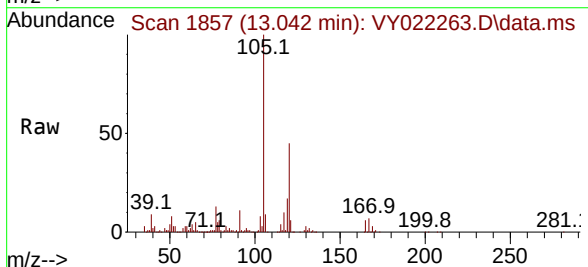
Acq: 15 May 2025 14:29

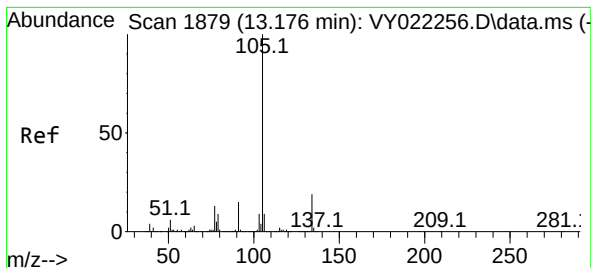
Tgt Ion:105 Resp: 210149

Ion Ratio Lower Upper

105 100

120 45.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.768 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

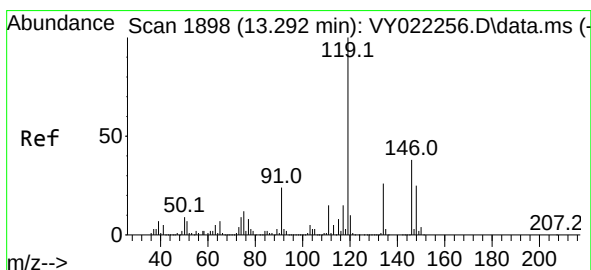
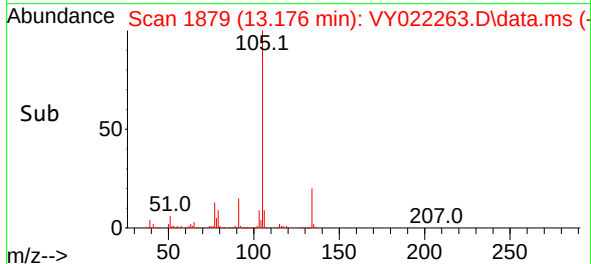
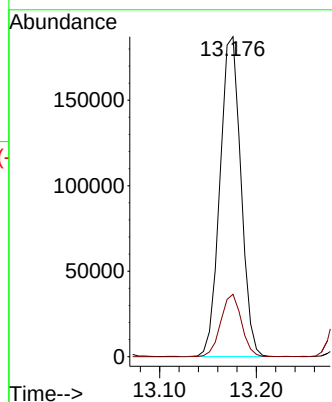
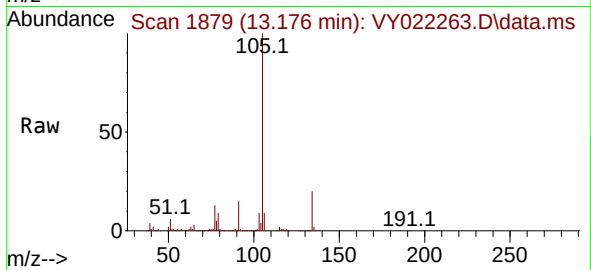
VY0515SBS01

Tgt Ion:105 Resp: 281045

Ion Ratio Lower Upper

105 100

134 19.4 9.8 29.5



#86

p-Isopropyltoluene

Concen: 19.488 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

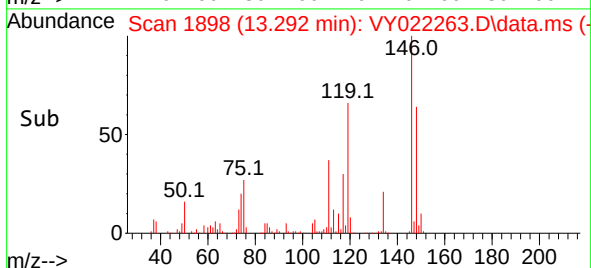
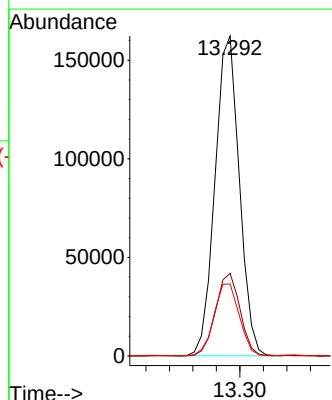
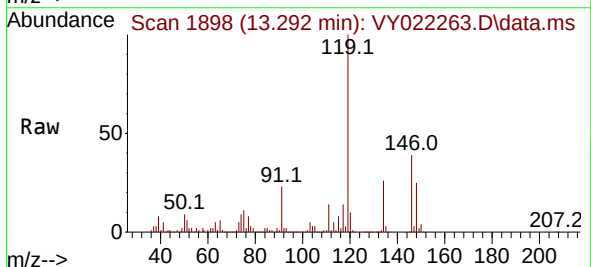
Tgt Ion:119 Resp: 233015

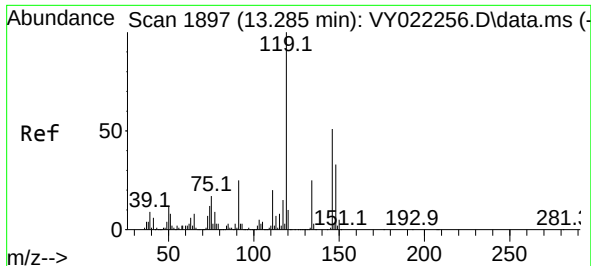
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 23.4 12.1 36.3

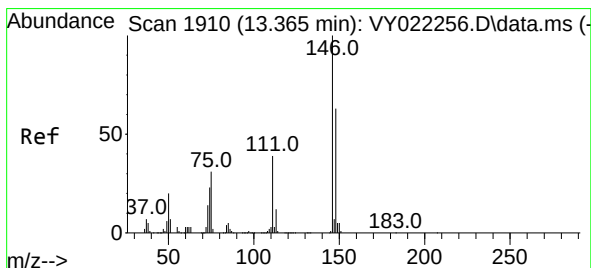
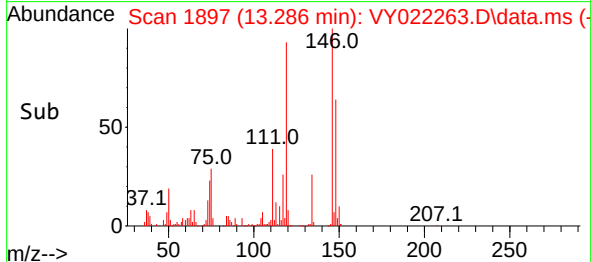
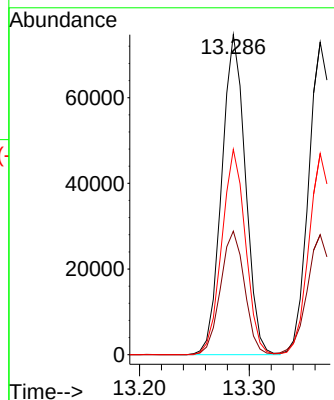
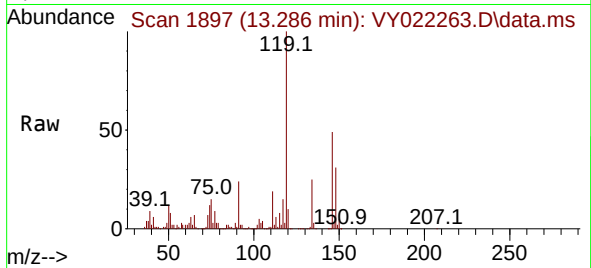




#87
 1,3-Dichlorobenzene
 Concen: 19.326 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY022263.D
 Acq: 15 May 2025 14:29

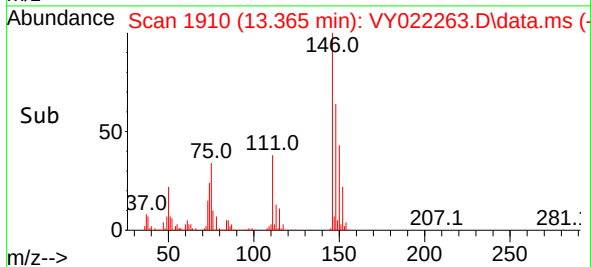
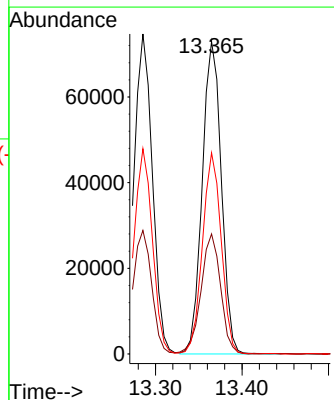
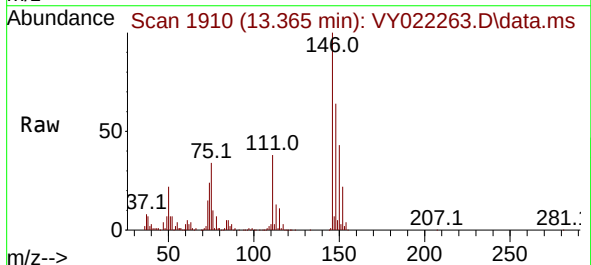
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBSD01

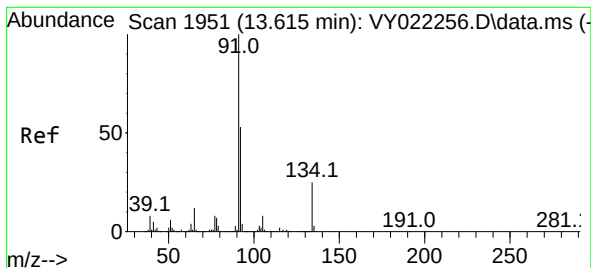
Tgt Ion:146 Resp: 112481
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.9 59.7
 148 63.8 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.976 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY022263.D
 Acq: 15 May 2025 14:29

Tgt Ion:146 Resp: 111832
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.0 59.9
 148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 19.906 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

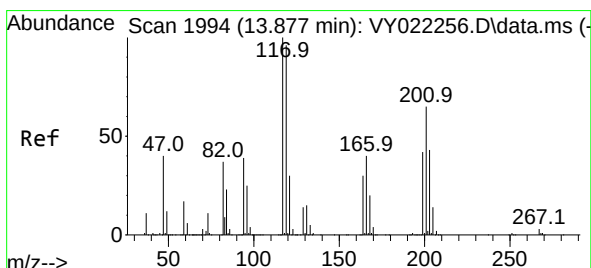
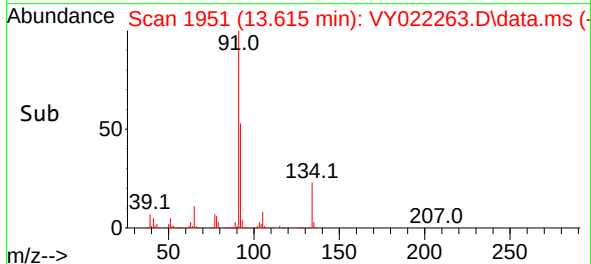
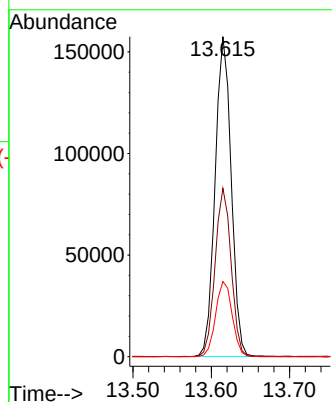
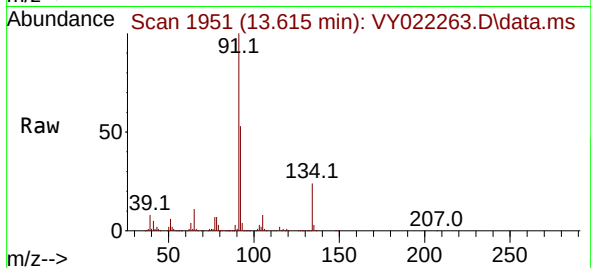
Tgt Ion: 91 Resp: 225170

Ion Ratio Lower Upper

91 100

92 52.4 26.3 78.9

134 24.2 12.4 37.4



#90

Hexachloroethane

Concen: 19.695 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY022263.D

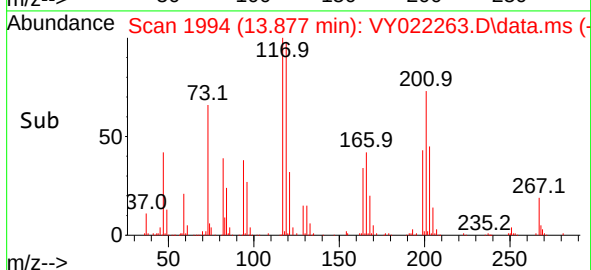
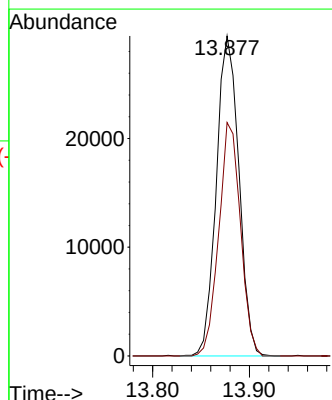
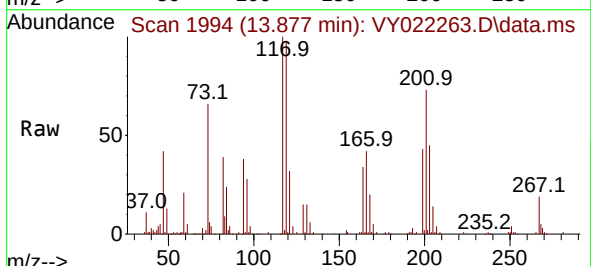
Acq: 15 May 2025 14:29

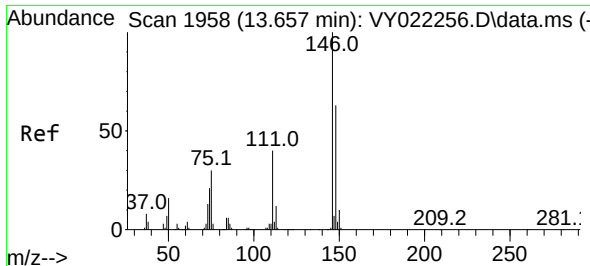
Tgt Ion: 117 Resp: 47537

Ion Ratio Lower Upper

117 100

201 70.1 35.2 105.6

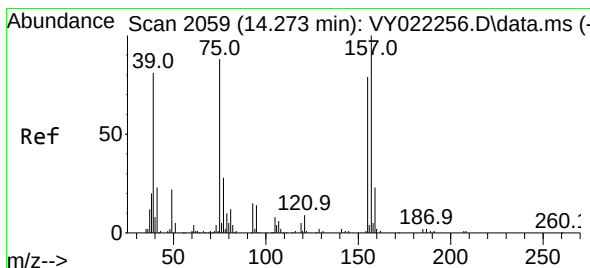
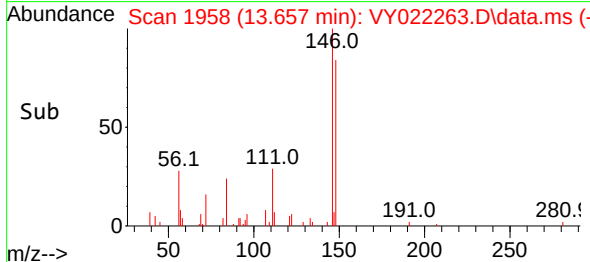
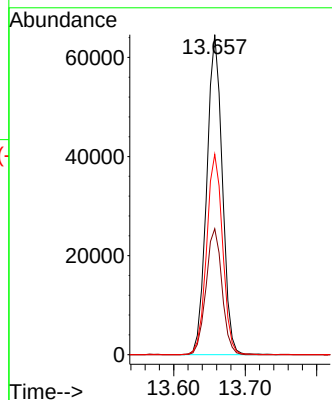
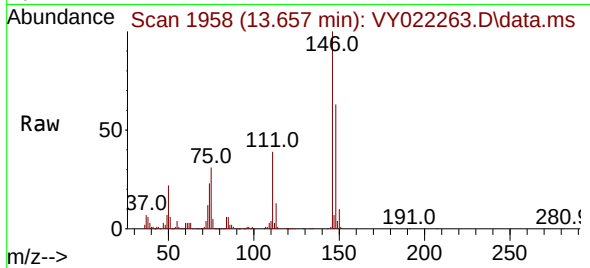




#91
 1,2-Dichlorobenzene
 Concen: 19.962 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY022263.D
 Acq: 15 May 2025 14:29

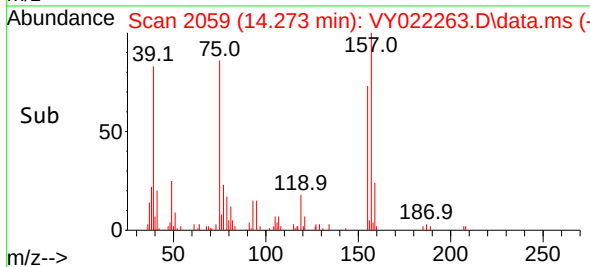
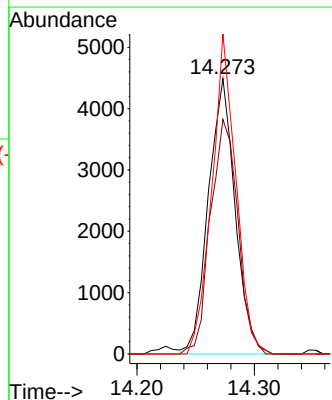
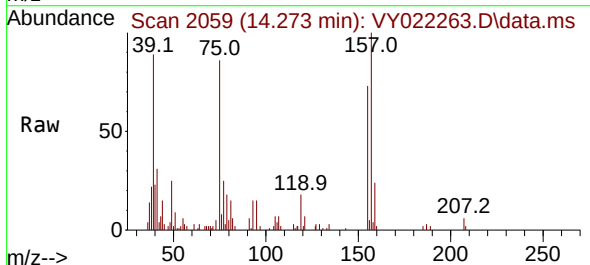
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBSD01

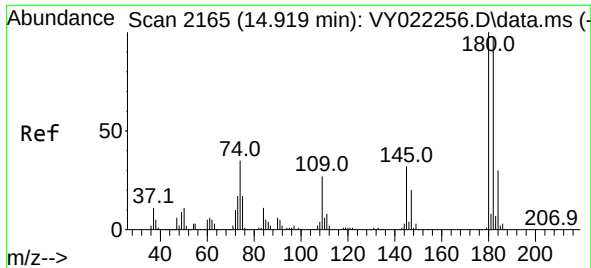
Tgt Ion:	146	Resp:	97586
Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.5	61.5
148	64.2	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.427 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY022263.D
 Acq: 15 May 2025 14:29

Tgt Ion:	75	Resp:	7093
Ion	Ratio	Lower	Upper
75	100		
155	86.9	43.4	130.1
157	104.4	54.6	163.9

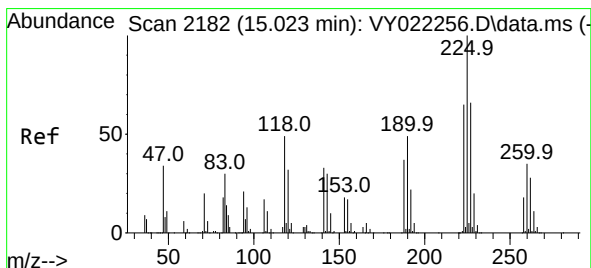
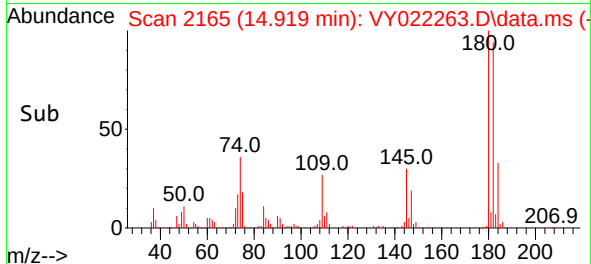
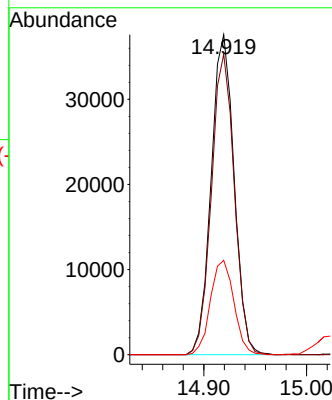
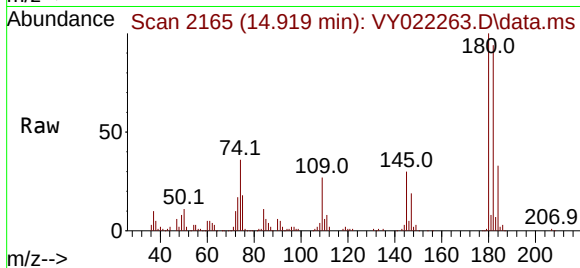




#93
1,2,4-Trichlorobenzene
Concen: 20.591 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

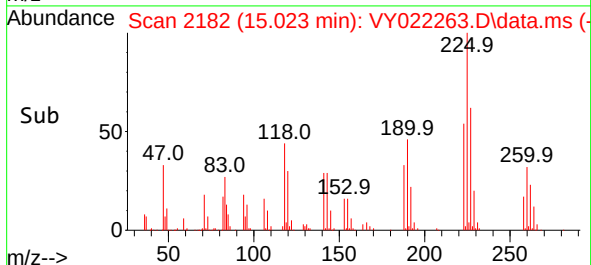
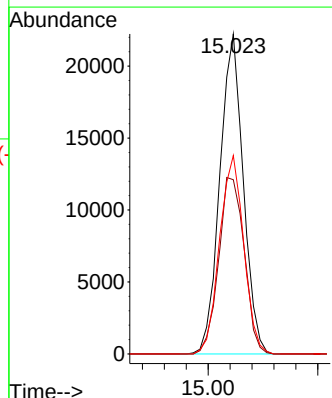
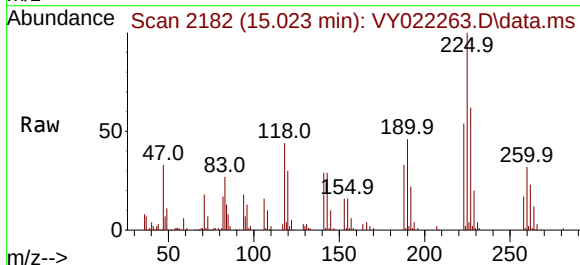
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

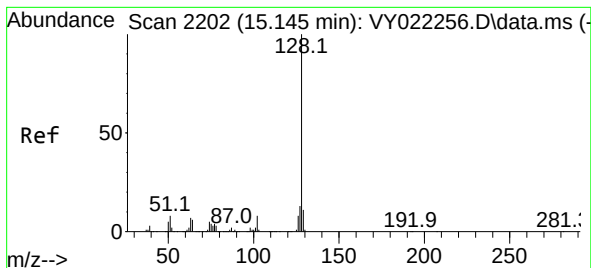
Tgt Ion:180 Resp: 58146
Ion Ratio Lower Upper
180 100
182 93.5 48.0 144.0
145 30.2 15.0 45.1



#94
Hexachlorobutadiene
Concen: 20.955 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022263.D
Acq: 15 May 2025 14:29

Tgt Ion:225 Resp: 33000
Ion Ratio Lower Upper
225 100
223 60.1 31.5 94.5
227 63.9 32.1 96.3





#95

Naphthalene

Concen: 20.890 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

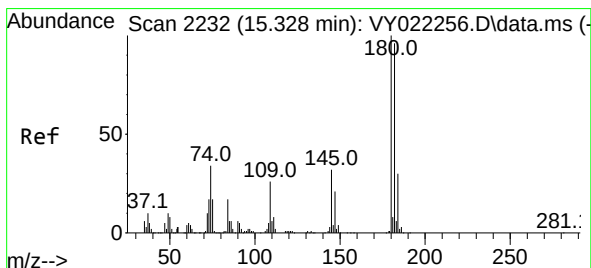
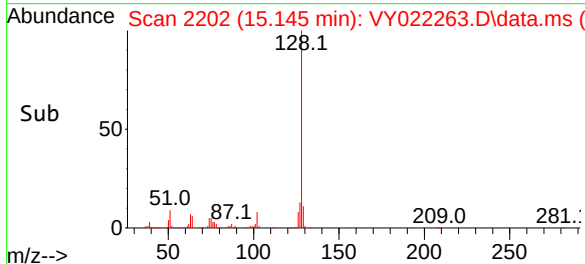
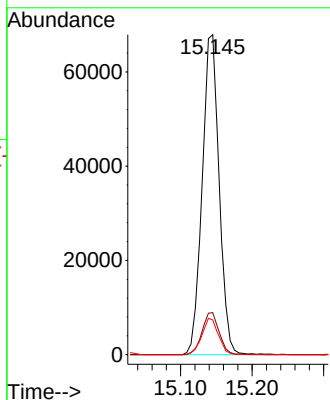
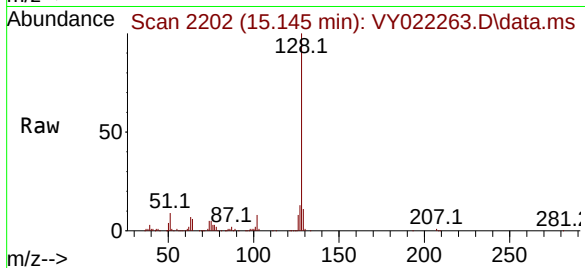
Tgt Ion:128 Resp: 111947

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 21.049 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022263.D

Acq: 15 May 2025 14:29

Tgt Ion:180 Resp: 50425

Ion Ratio Lower Upper

180 100

182 93.3 47.1 141.3

145 31.9 15.9 47.6

