

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022113.D
 Acq On : 01 May 2025 17:37
 Operator : SY/MD
 Sample : Q1914-07
 Misc : 8.34g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-6

Quant Time: May 02 01:31:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	546701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	868396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	697183	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	327199	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	179229	35.492	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.980%
35) Dibromofluoromethane	7.634	113	258477	45.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.100%
50) Toluene-d8	10.103	98	1186710	54.867	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.740%
62) 4-Bromofluorobenzene	12.402	95	395401	54.305	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.600%
Target Compounds						
					Qvalue	
15) Acrylonitrile	5.122	53	3774	3.685	ug/l #	53
16) Acetone	3.866	43	15142	1.693	ug/l	99
20) Methylene Chloride	4.616	84	17561	2.750	ug/l	97
25) 2-Butanone	6.896	43	6338	5.506	ug/l	94
31) Cyclohexane	7.701	56	454829	54.486	ug/l	98
36) 1,1-Dichloropropene	7.707	75	34583	4.488	ug/l #	66
37) Ethyl Acetate	6.896	43	6338	2.290	ug/l #	64
38) Carbon Tetrachloride	7.707	117	50218	5.453	ug/l #	17
39) Methylcyclohexane	9.109	83	2227467	229.680	ug/l	98
40) Benzene	8.079	78	414079	17.189	ug/l	98
43) Isopropyl Acetate	8.195	43	43553	8.194	ug/l #	56
45) 1,2-Dichloropropane	9.109	63	19414	3.644	ug/l #	1
47) Bromodichloromethane	9.536	83	24286	2.915	ug/l #	43
48) Methyl methacrylate	9.170	41	37941	15.441	ug/l #	24
51) 4-Methyl-2-Pentanone	10.103	43	97964	35.159	ug/l #	47
52) Toluene	10.170	92	468185	30.024	ug/l	99
55) 1,1,2-Trichloroethane	10.548	97	1065949	239.289	ug/l #	20
56) Ethyl methacrylate	10.451	69	192899	37.867	ug/l #	1
59) 2-Hexanone	10.731	43	635985	346.053	ug/l #	23
65) Chlorobenzene	11.554	112	48615	3.118	ug/l #	44
67) Ethyl Benzene	11.518	91	8654664	339.345	ug/l	96
68) m/p-Xylenes	11.627	106	15077297	1485.649	ug/l #	1
69) o-Xylene	11.956	106	5723088	611.843	ug/l	92
70) Styrene	11.956	104	285124	18.155	ug/l #	1
73) Isopropylbenzene	12.255	105	2198348	100.563	ug/l	99
74) N-amyl acetate	12.054	43	1128505	300.468	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.456	83	193389	52.472	ug/l #	55
76) 1,2,3-Trichloropropane	12.597	75	38656	13.793	ug/l #	100
78) n-propylbenzene	12.597	91	6726321	258.375	ug/l	98
79) 2-Chlorotoluene	12.664	91	3508769	231.756	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.737	105	11158175	619.494	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.255	75	22064	18.958	ug/l #	16
82) 4-Chlorotoluene	12.737	91	1358839	86.339	ug/l #	43
83) tert-Butylbenzene	13.048	119	5261127	325.690	ug/l #	62
84) 1,2,4-Trimethylbenzene	12.895	105	10456664	580.414	ug/l	80
85) sec-Butylbenzene	13.176	105	2389617	101.092	ug/l	85

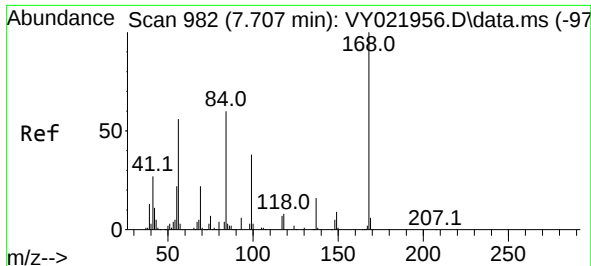
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022113.D
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.292	119	1430344	71.260	ug/l	99
89) n-Butylbenzene	13.621	91	2549592	142.108	ug/l #	70
90) Hexachloroethane	13.895	117	829236	188.033	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.255	75	40210	68.575	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.968	180	28557	5.150	ug/l #	1
95) Naphthalene	15.145	128	1598513	173.540	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.352	180	78243	16.347	ug/l #	1

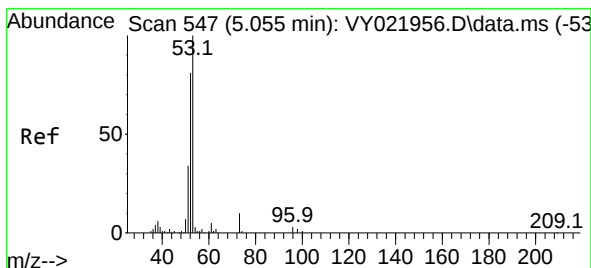
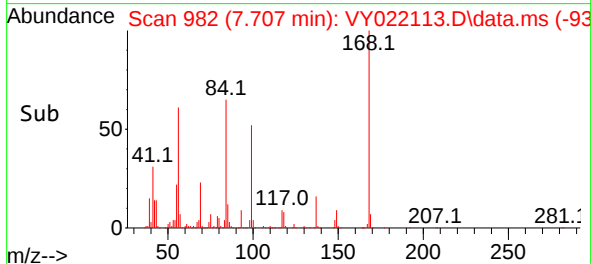
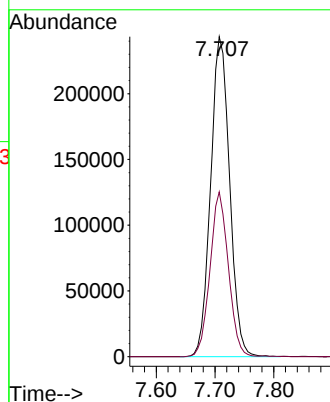
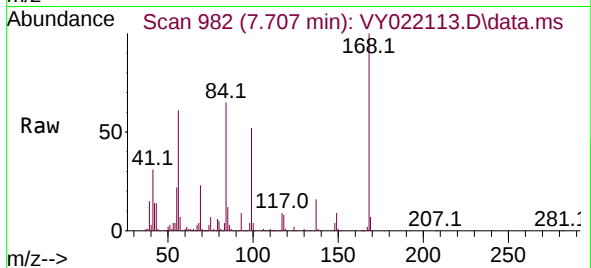
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

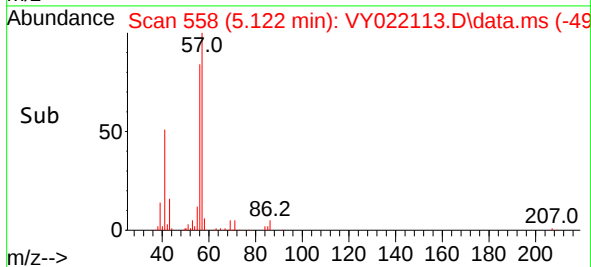
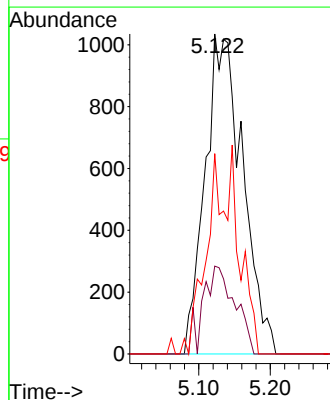
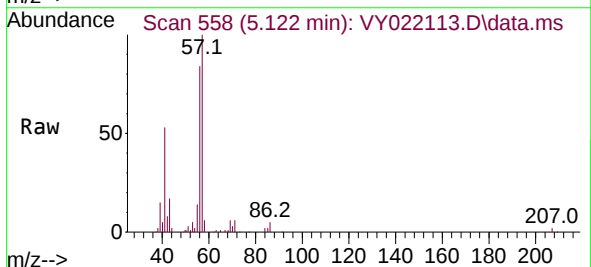
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

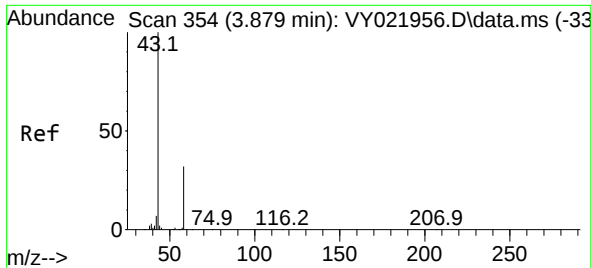
Tgt Ion:168 Resp: 546701
Ion Ratio Lower Upper
168 100
99 51.5 43.1 64.7



#15
Acrylonitrile
Concen: 3.685 ug/l
RT: 5.122 min Scan# 558
Delta R.T. 0.067 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 53 Resp: 3774
Ion Ratio Lower Upper
53 100
52 23.1 65.0 97.6#
51 32.4 28.9 43.3

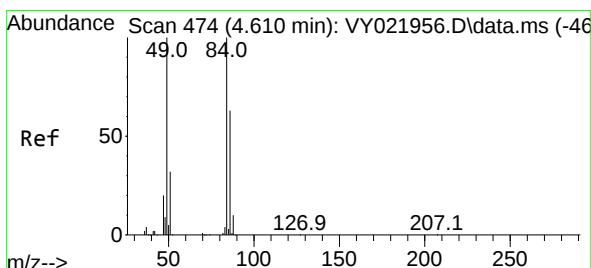
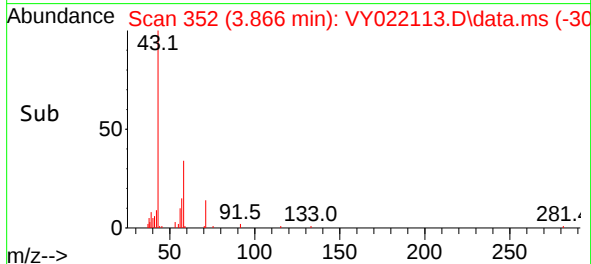
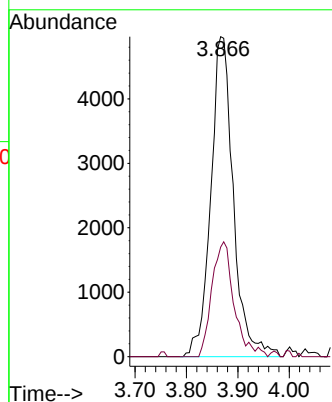
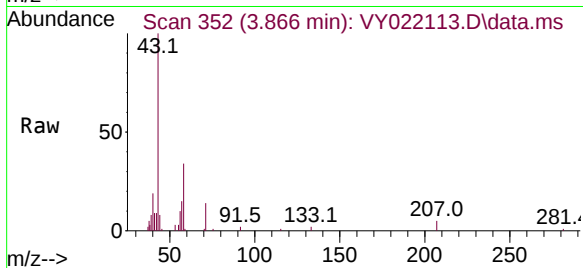




#16
Acetone
Concen: 1.693 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.013 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

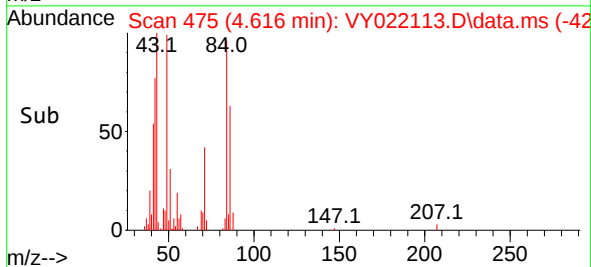
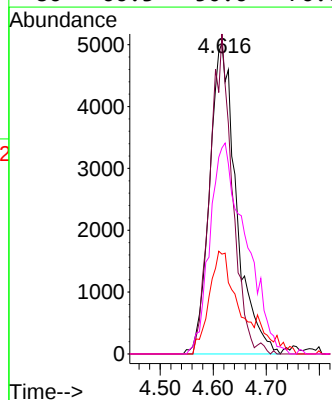
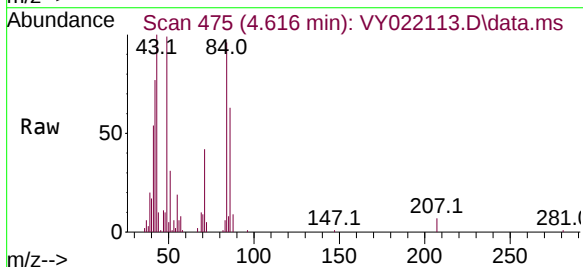
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

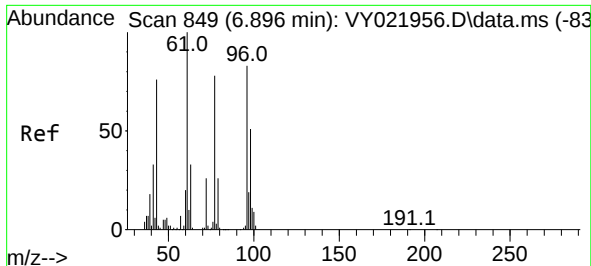
Tgt Ion: 43 Resp: 15142
Ion Ratio Lower Upper
43 100
58 34.2 27.0 40.4



#20
Methylene Chloride
Concen: 2.750 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 84 Resp: 17561
Ion Ratio Lower Upper
84 100
49 103.0 79.9 119.9
51 32.2 25.4 38.0
86 66.3 50.6 76.0





#25

2-Butanone

Concen: 5.506 ug/l

RT: 6.896 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

Instrument :

MSVOA_Y

ClientSampleId :

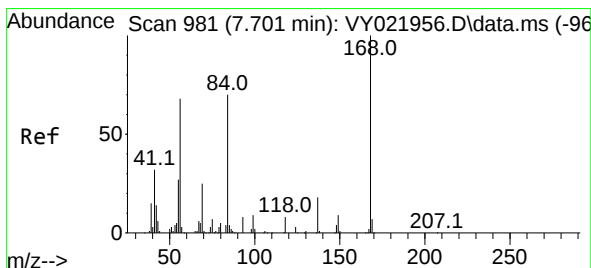
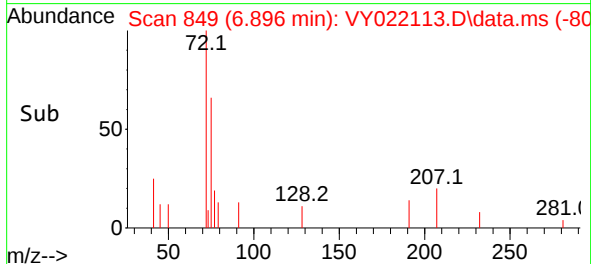
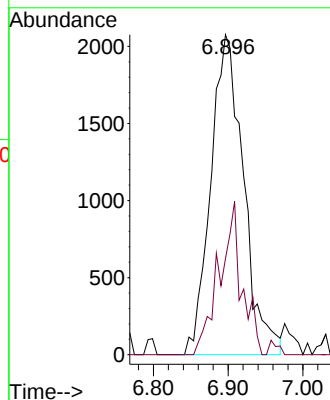
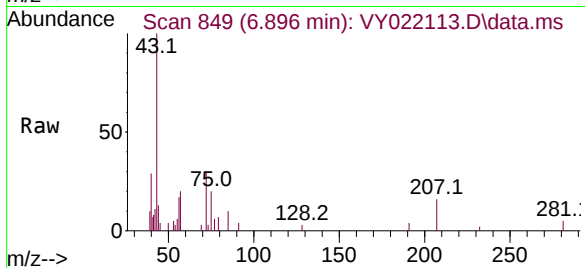
SS-6

Tgt Ion: 43 Resp: 6338

Ion Ratio Lower Upper

43 100

72 30.1 27.0 40.4



#31

Cyclohexane

Concen: 54.486 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.000 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

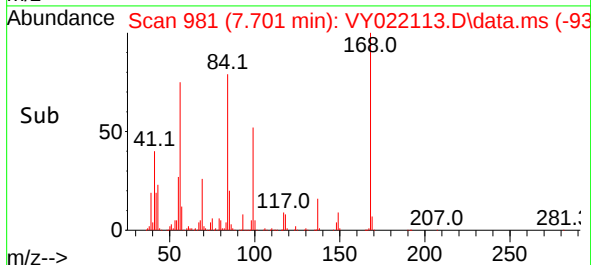
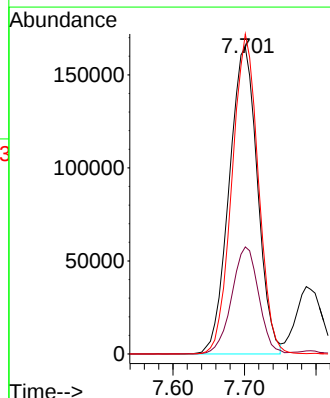
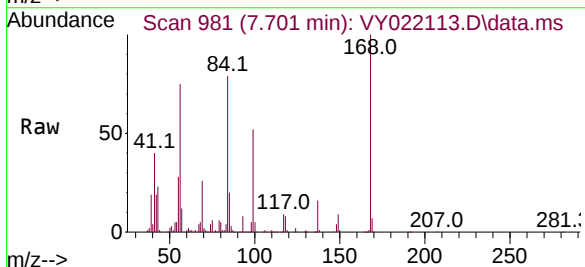
Tgt Ion: 56 Resp: 454829

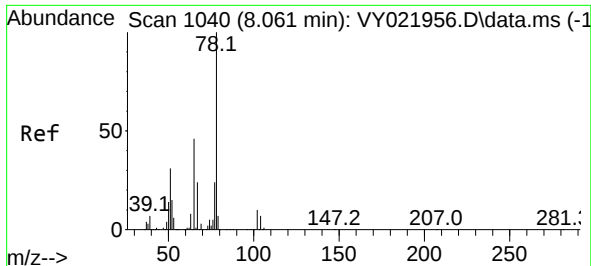
Ion Ratio Lower Upper

56 100

69 34.9 29.4 44.2

84 104.3 82.2 123.4





#33

1,2-Dichloroethane-d4

Concen: 35.492 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

Instrument :

MSVOA_Y

ClientSampleId :

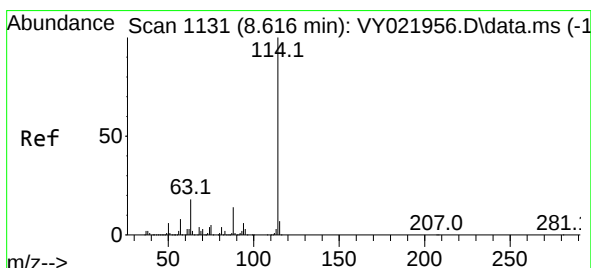
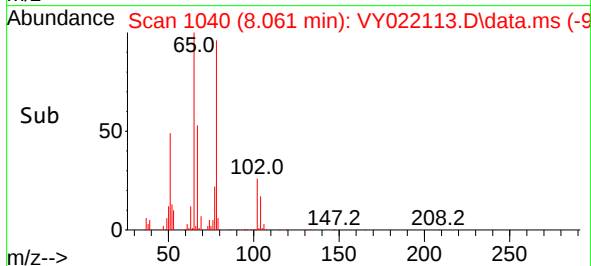
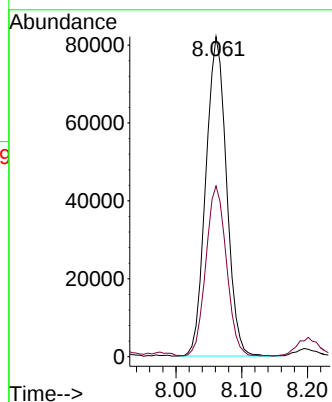
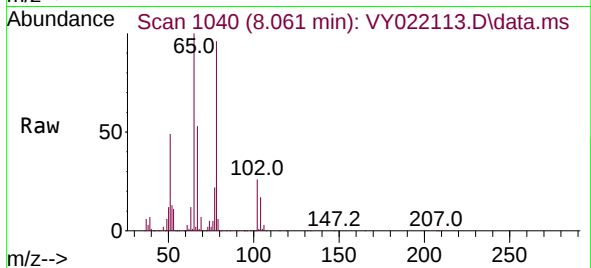
SS-6

Tgt Ion: 65 Resp: 179229

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

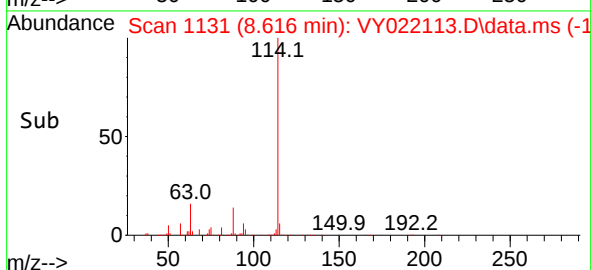
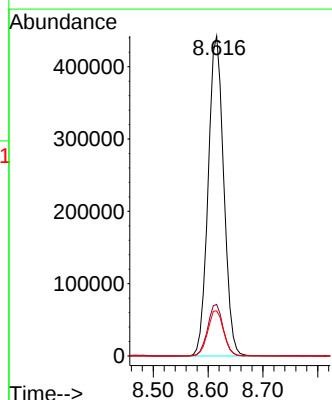
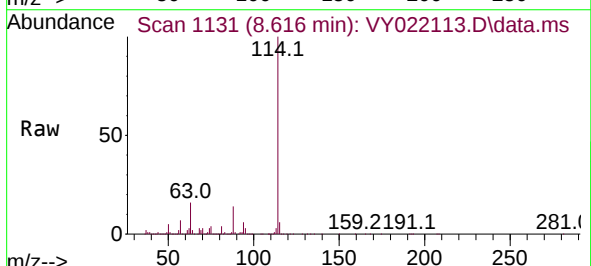
Tgt Ion: 114 Resp: 868396

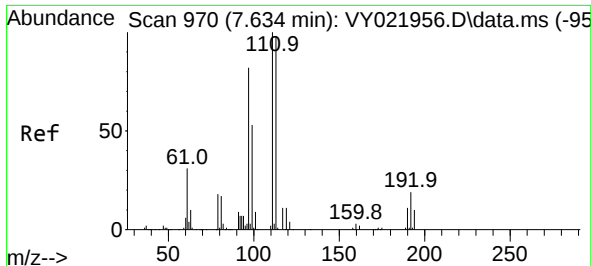
Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.4

88 14.1 0.0 28.2

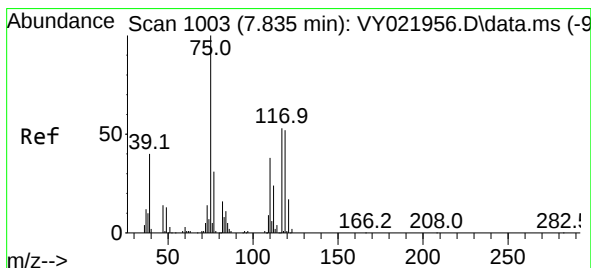
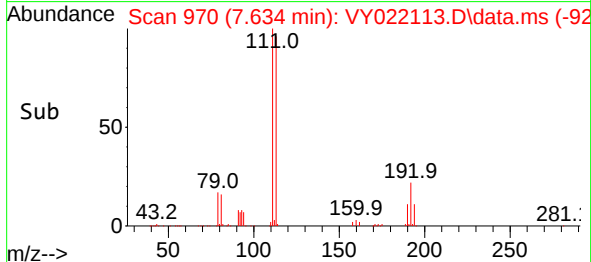
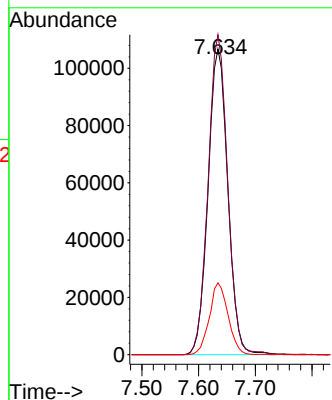
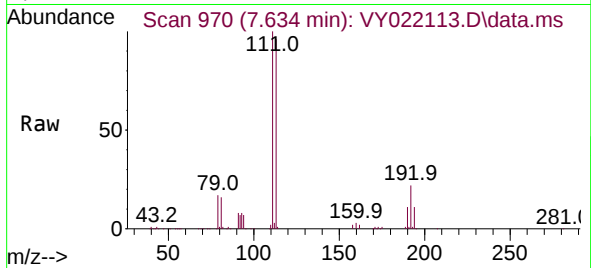




#35
Dibromofluoromethane
Concen: 45.054 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

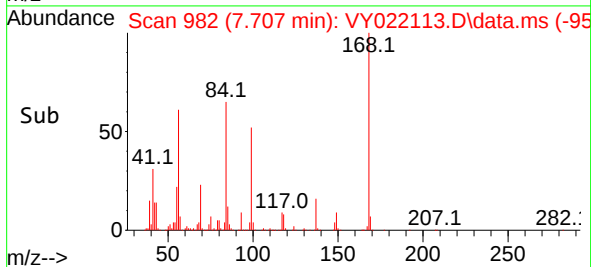
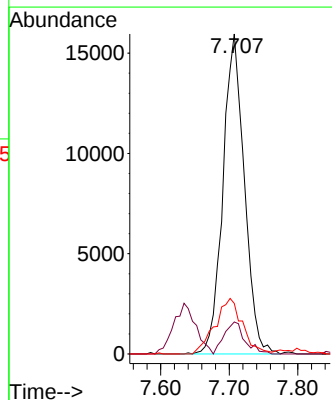
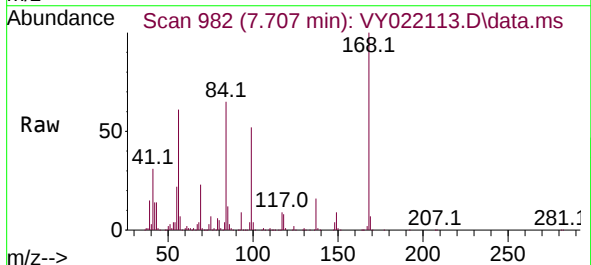
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SS-6

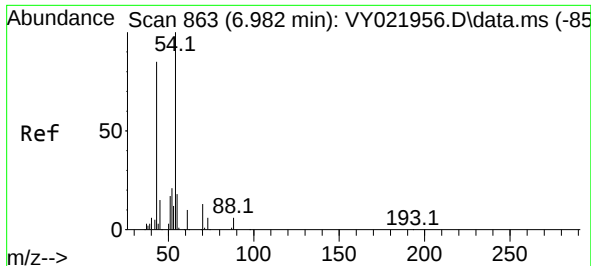
Tgt Ion:113 Resp: 258477
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.8
192 22.2 15.6 23.4



#36
1,1-Dichloropropene
Concen: 4.488 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 75 Resp: 34583
Ion Ratio Lower Upper
75 100
110 9.7 19.1 57.3#
77 22.3 25.5 38.3#

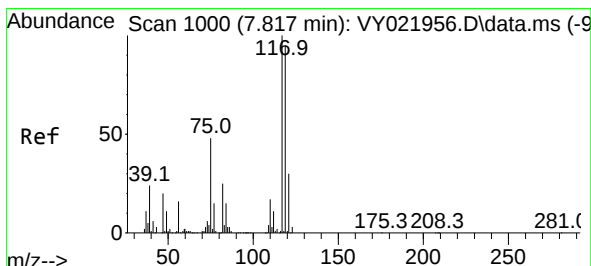
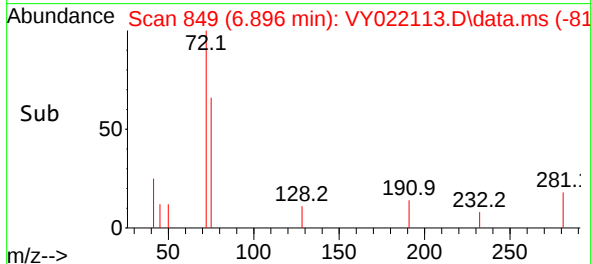
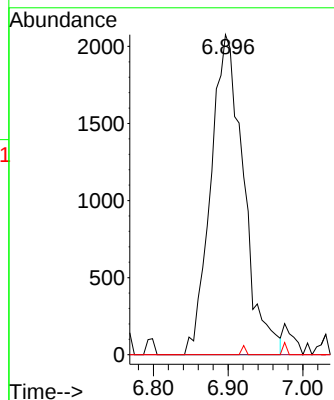
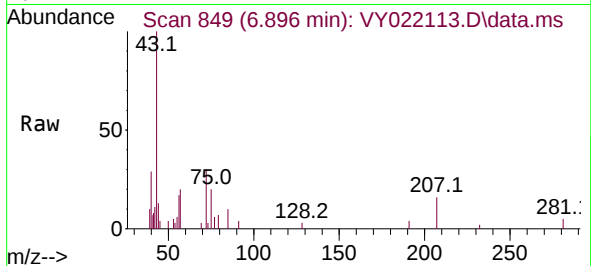




#37
Ethyl Acetate
Concen: 2.290 ug/l
RT: 6.896 min Scan# 841
Delta R.T. -0.085 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

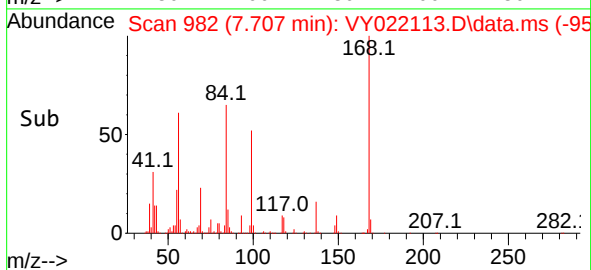
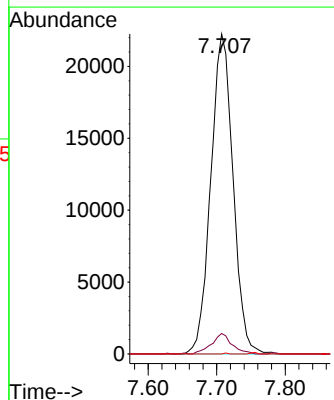
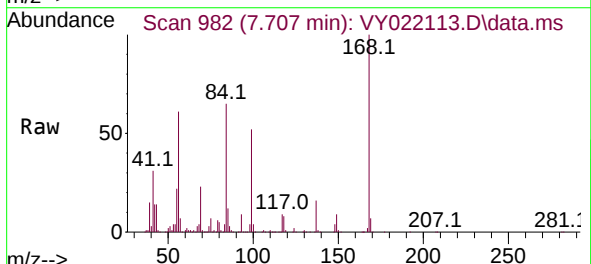
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

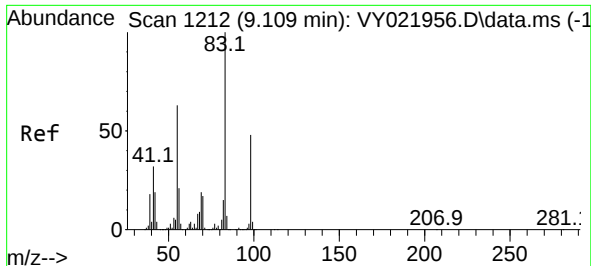
Tgt Ion: 43 Resp: 6338
Ion Ratio Lower Upper
43 100
61 0.0 13.8 20.6#
70 0.0 9.2 13.8#



#38
Carbon Tetrachloride
Concen: 5.453 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 117 Resp: 50218
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.4#
121 0.0 24.0 36.0#





#39

Methylcyclohexane

Concen: 229.680 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

Instrument :

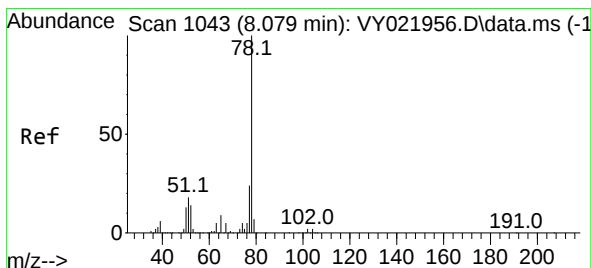
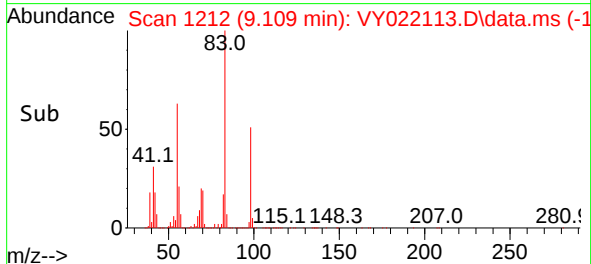
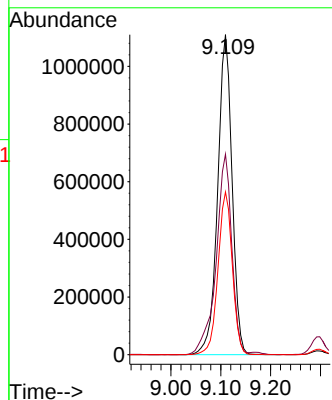
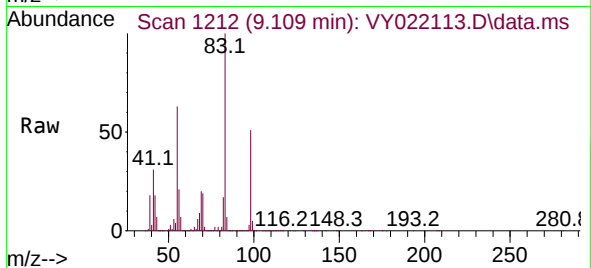
MSVOA_Y

ClientSampleId :

SS-6

Tgt Ion: 83 Resp: 2227467

Ion	Ratio	Lower	Upper
83	100		
55	62.6	50.6	75.8
98	50.9	38.6	58.0



#40

Benzene

Concen: 17.189 ug/l

RT: 8.079 min Scan# 1043

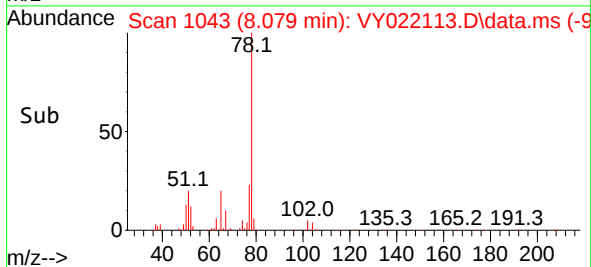
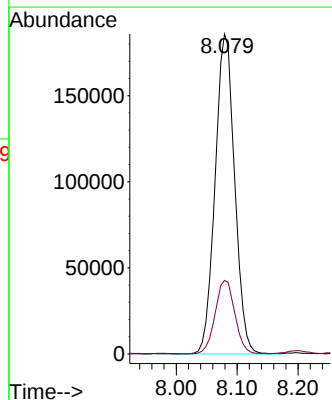
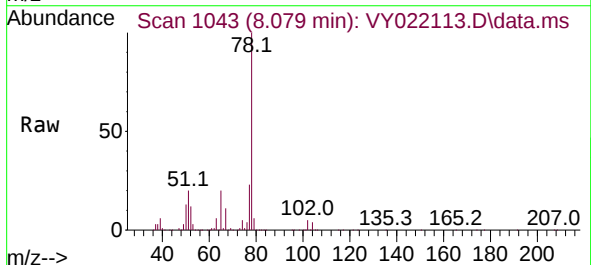
Delta R.T. -0.000 min

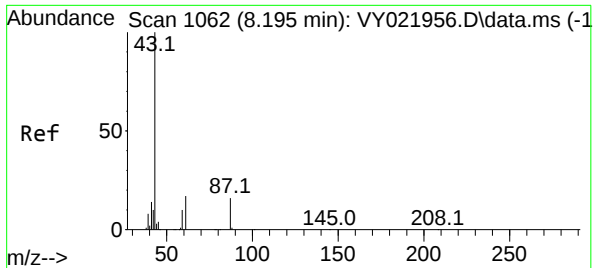
Lab File: VY022113.D

Acq: 01 May 2025 17:37

Tgt Ion: 78 Resp: 414079

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9

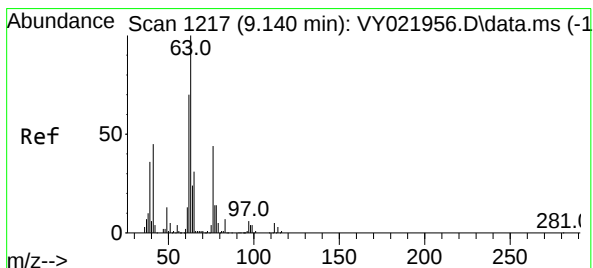
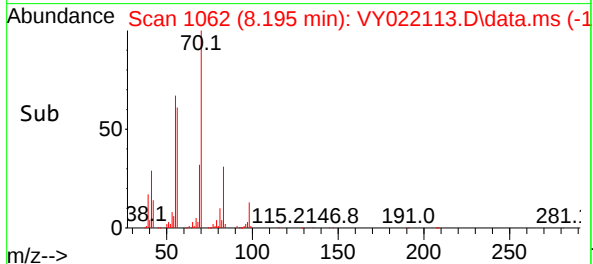
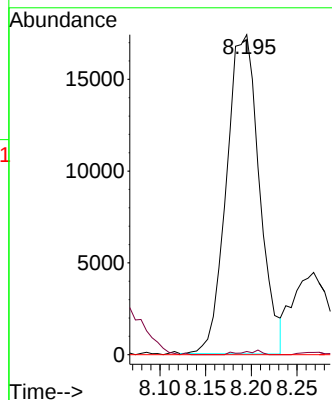
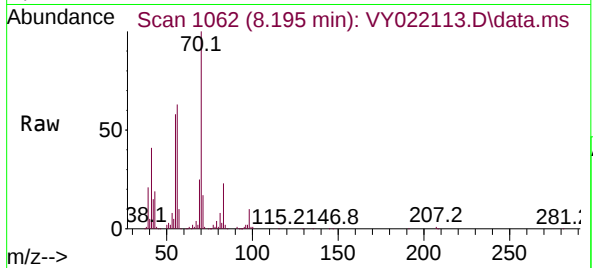




#43
Isopropyl Acetate
Concen: 8.194 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

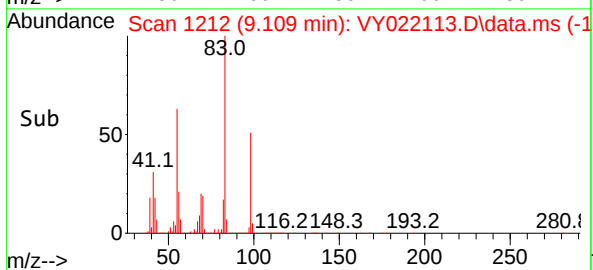
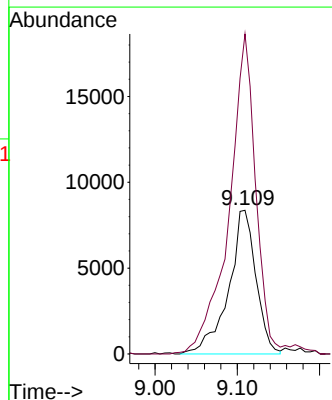
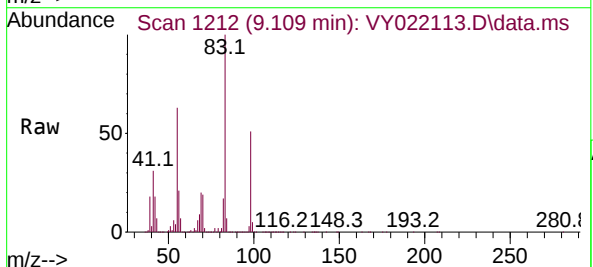
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

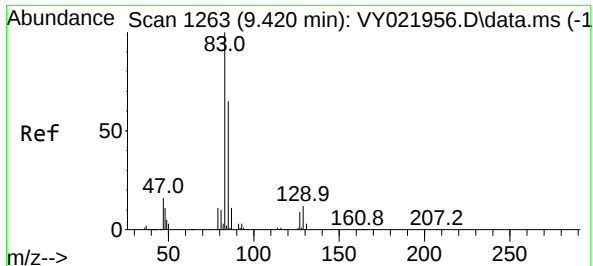
Tgt Ion: 43 Resp: 43553
Ion Ratio Lower Upper
43 100
61 0.8 18.9 28.3#
87 0.0 13.7 20.5#



#45
1,2-Dichloropropane
Concen: 3.644 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. -0.031 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 63 Resp: 19414
Ion Ratio Lower Upper
63 100
65 221.6 25.2 37.8#

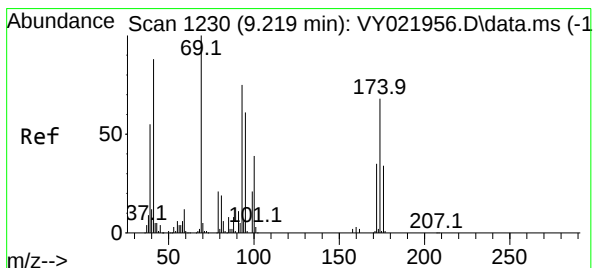
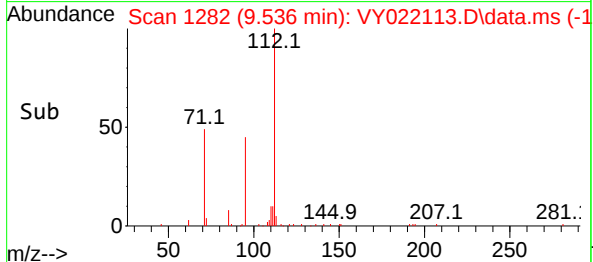
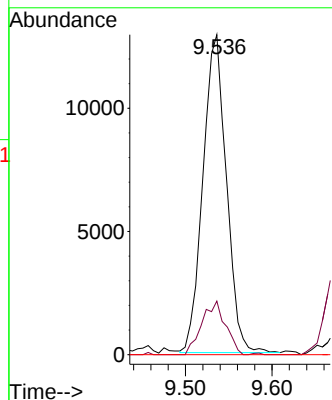
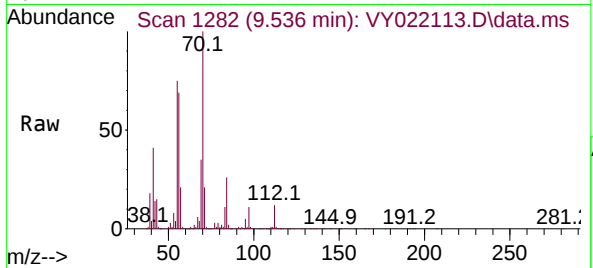




#47
Bromodichloromethane
Concen: 2.915 ug/l
RT: 9.536 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

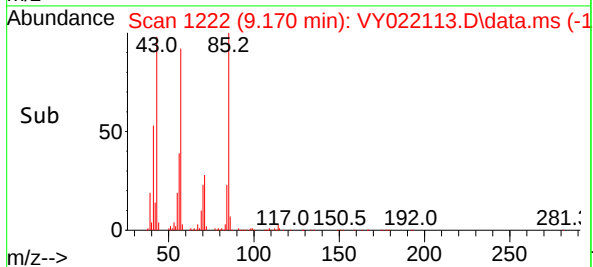
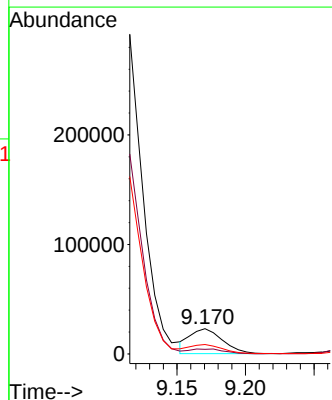
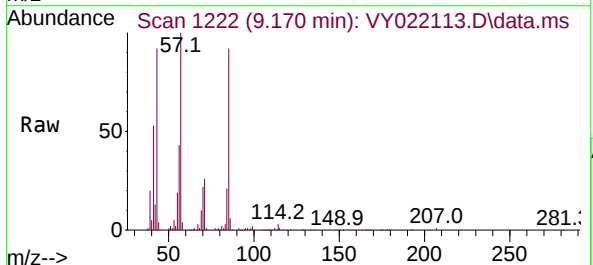
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

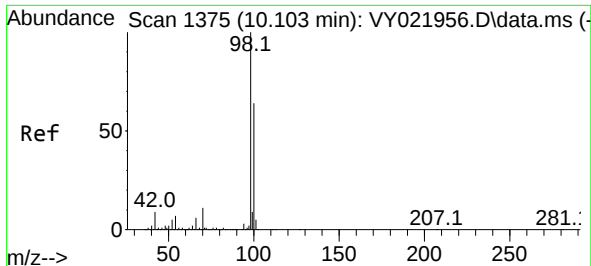
Tgt Ion: 83 Resp: 24286
Ion Ratio Lower Upper
83 100
85 16.9 51.8 77.8#
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 15.441 ug/l
RT: 9.170 min Scan# 1222
Delta R.T. -0.049 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 41 Resp: 37941
Ion Ratio Lower Upper
41 100
69 0.0 85.5 128.3#
39 38.2 46.2 69.4#

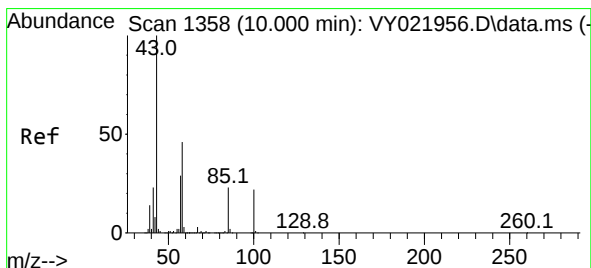
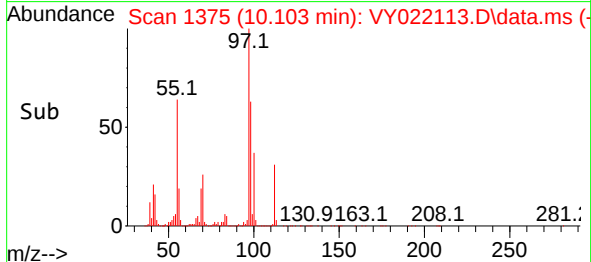
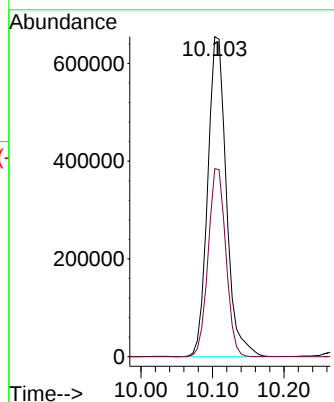
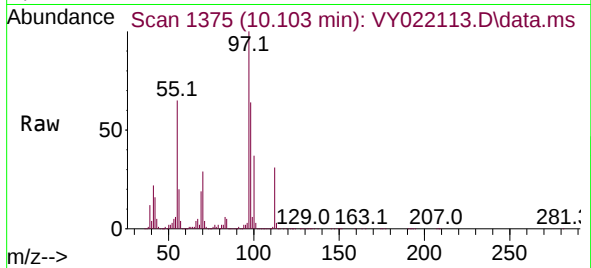




#50
Toluene-d8
Concen: 54.867 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

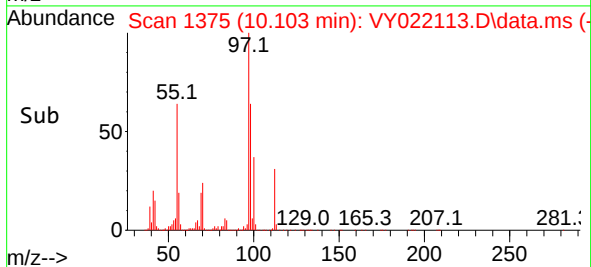
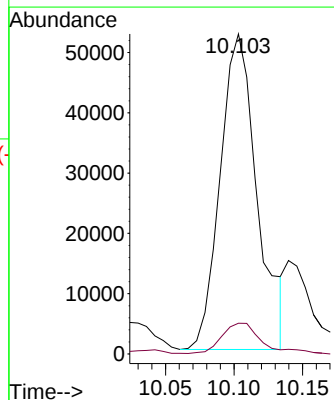
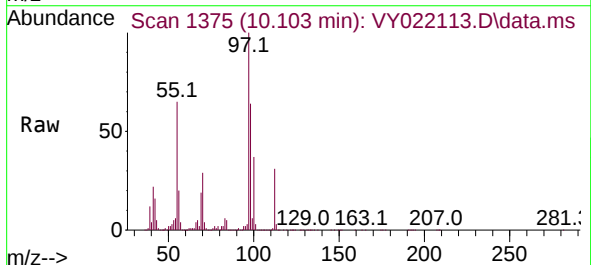
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

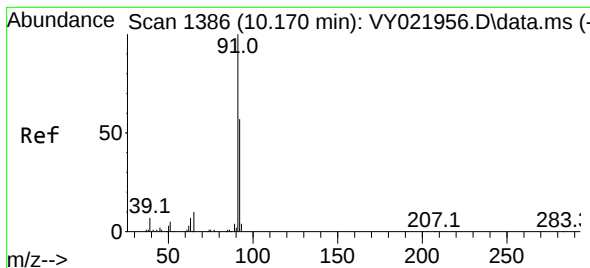
Tgt Ion: 98 Resp: 1186710
Ion Ratio Lower Upper
98 100
100 55.7 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 35.159 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 43 Resp: 97964
Ion Ratio Lower Upper
43 100
58 10.7 36.6 55.0#





#52

Toluene

Concen: 30.024 ug/l

RT: 10.170 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

Instrument :

MSVOA_Y

ClientSampleId :

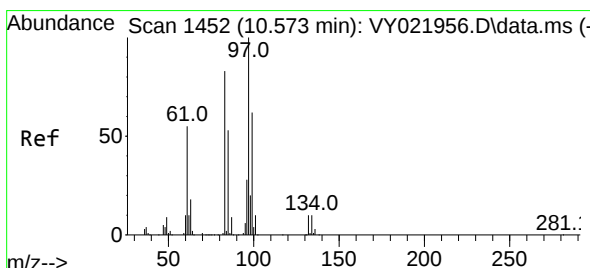
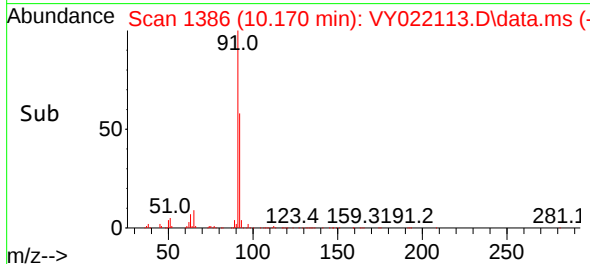
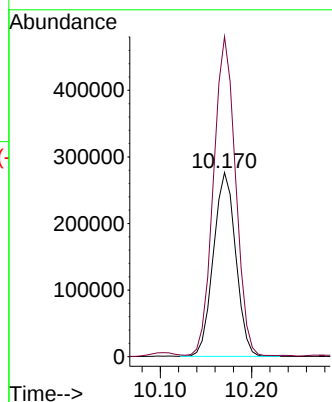
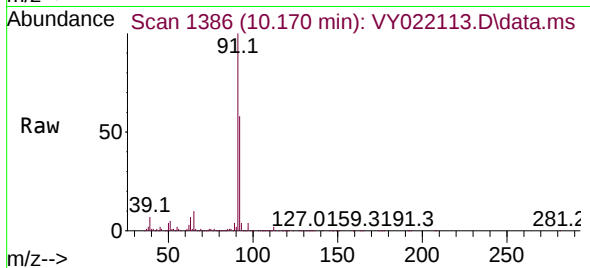
SS-6

Tgt Ion: 92 Resp: 468185

Ion Ratio Lower Upper

92 100

91 172.2 138.6 207.8



#55

1,1,2-Trichloroethane

Concen: 239.289 ug/l

RT: 10.548 min Scan# 1448

Delta R.T. -0.024 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

Tgt Ion: 97 Resp: 1065949

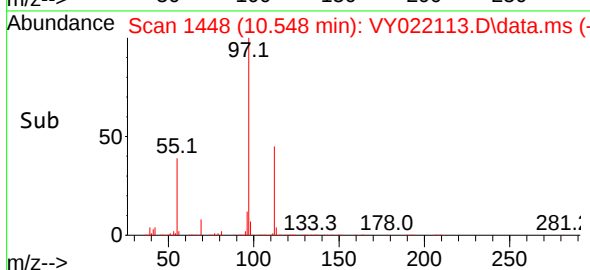
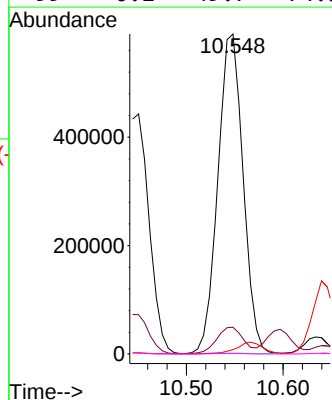
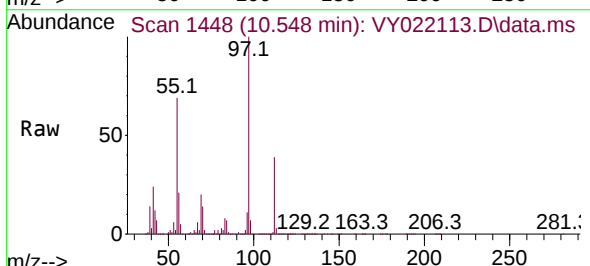
Ion Ratio Lower Upper

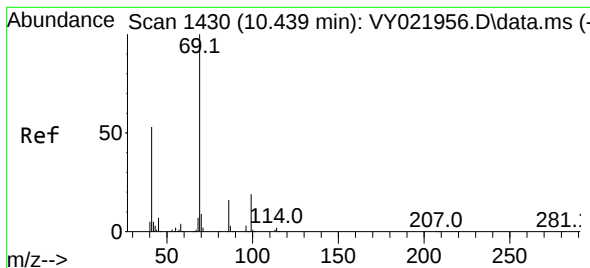
97 100

83 8.2 66.7 100.1#

85 1.4 42.6 64.0#

99 0.2 49.7 74.5#

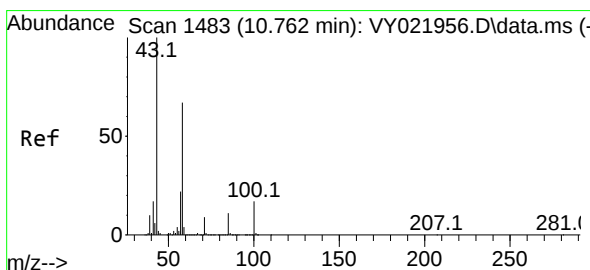
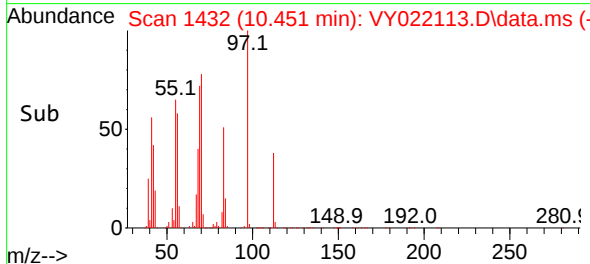
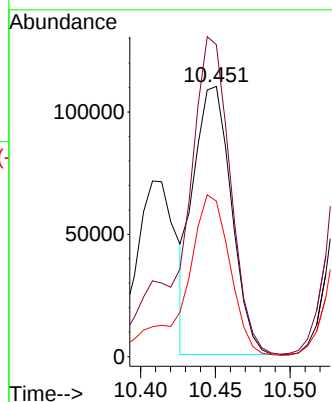
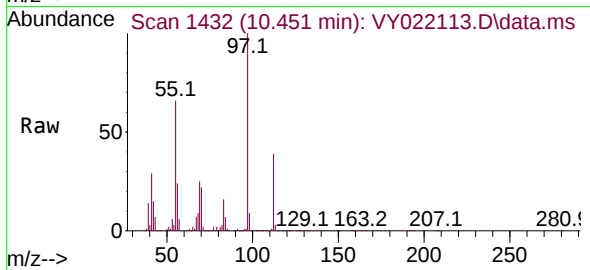




#56
Ethyl methacrylate
Concen: 37.867 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.012 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

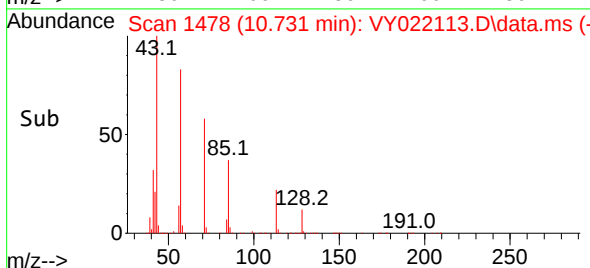
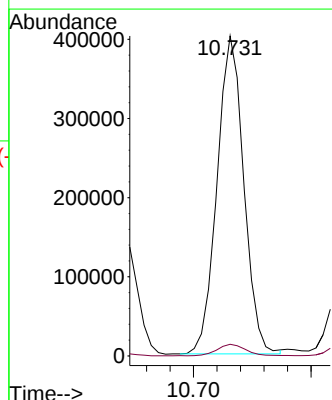
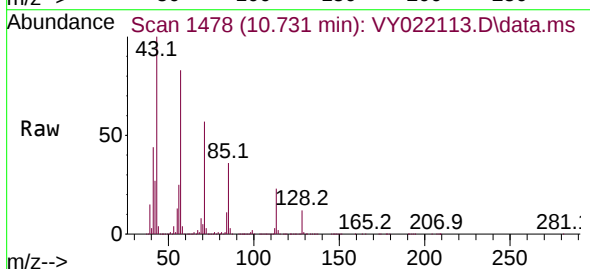
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

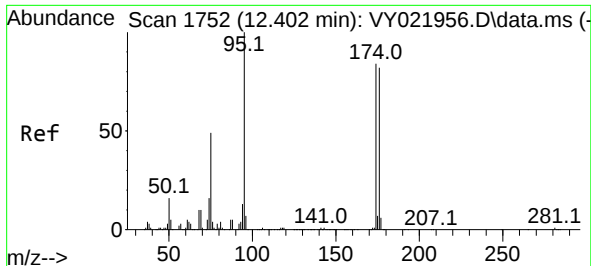
Tgt Ion: 69 Resp: 192899
Ion Ratio Lower Upper
69 100
41 151.8 40.7 61.1#
39 74.6 23.3 34.9#



#59
2-Hexanone
Concen: 346.053 ug/l
RT: 10.731 min Scan# 1478
Delta R.T. -0.031 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 43 Resp: 635985
Ion Ratio Lower Upper
43 100
58 4.0 32.0 96.0#

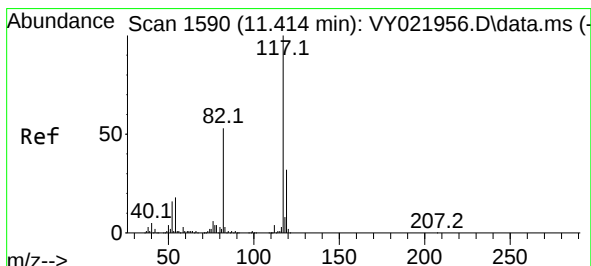
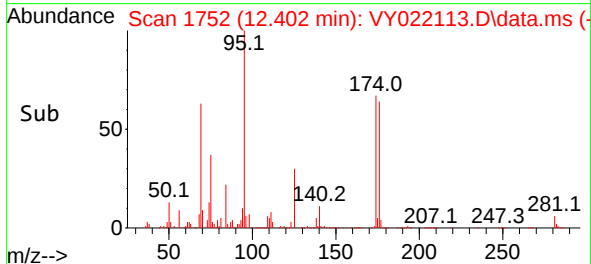
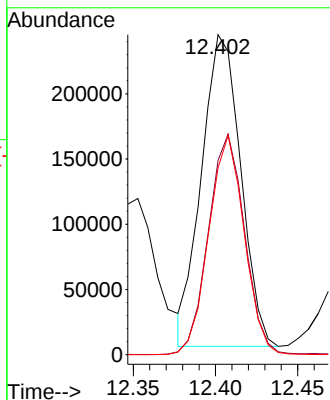
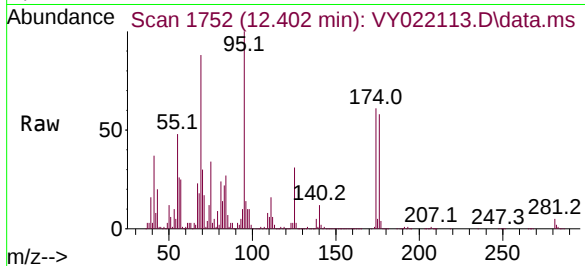




#62
4-Bromofluorobenzene
Concen: 54.305 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

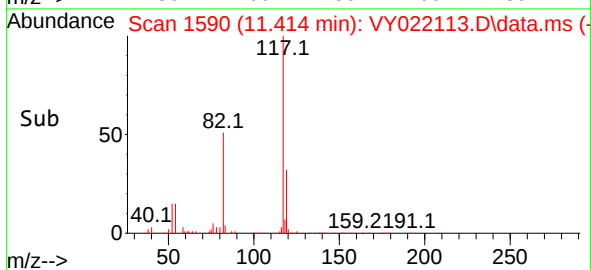
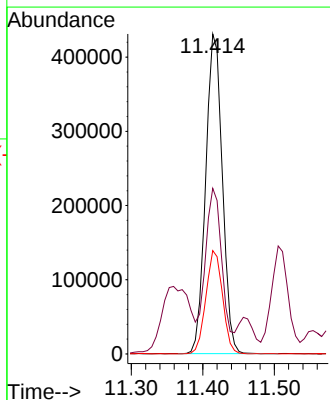
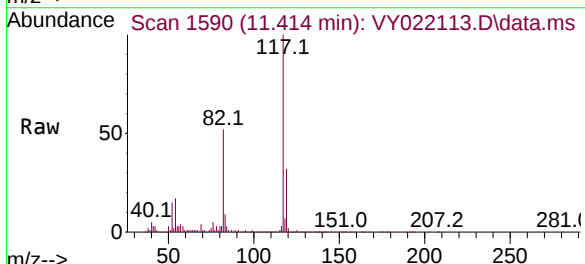
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

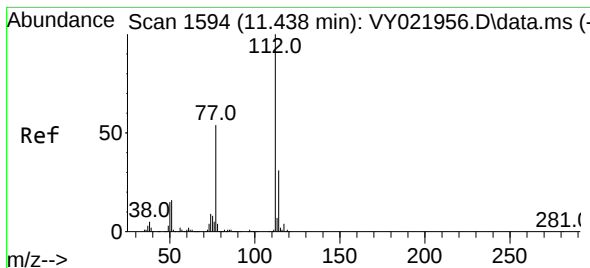
Tgt Ion: 95 Resp: 395401
Ion Ratio Lower Upper
95 100
174 66.1 0.0 179.0
176 63.7 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 117 Resp: 697183
Ion Ratio Lower Upper
117 100
82 32.0 42.1 63.1#
119 32.3 25.7 38.5

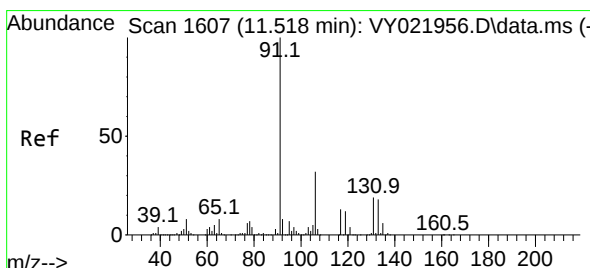
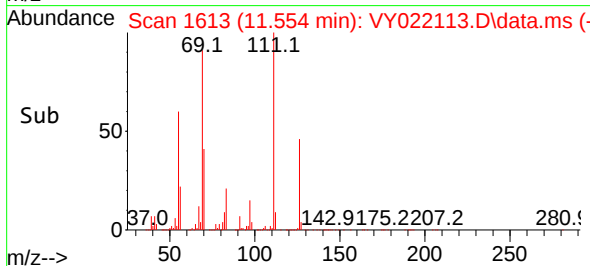
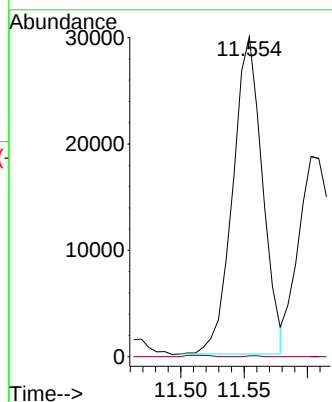
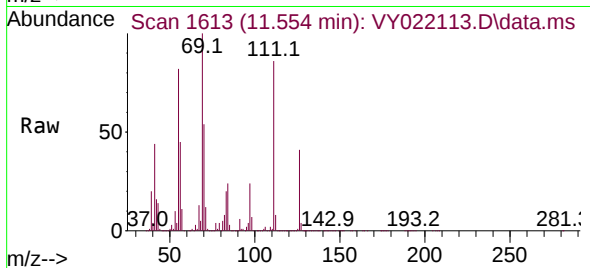




#65
Chlorobenzene
Concen: 3.118 ug/l
RT: 11.554 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

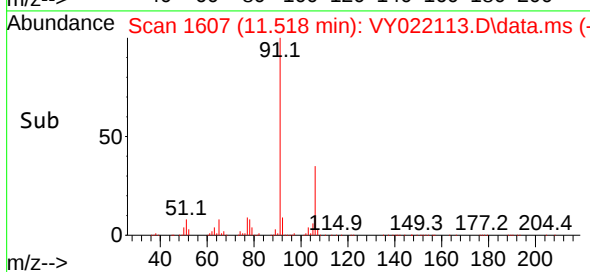
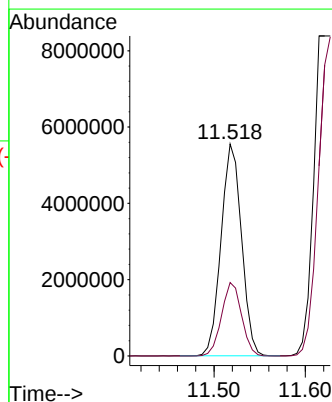
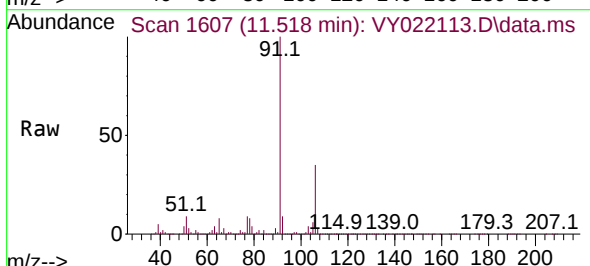
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

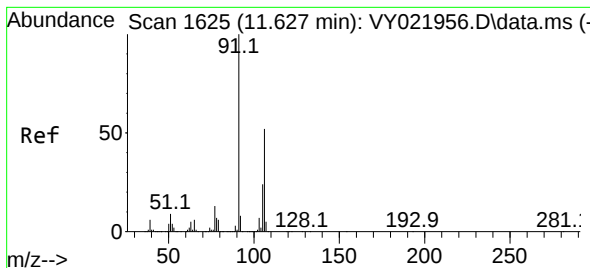
Tgt Ion:112 Resp: 48615
Ion Ratio Lower Upper
112 100
114 0.3 25.0 37.4#



#67
Ethyl Benzene
Concen: 339.345 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 91 Resp: 8654664
Ion Ratio Lower Upper
91 100
106 34.6 25.9 38.9

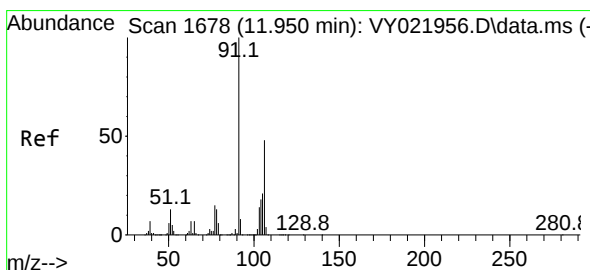
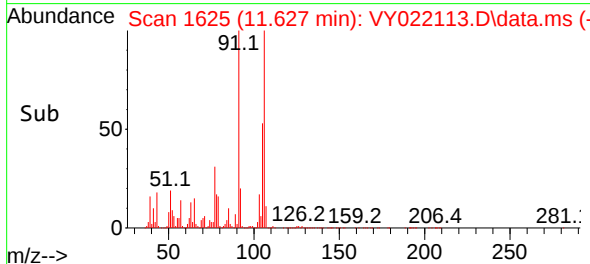
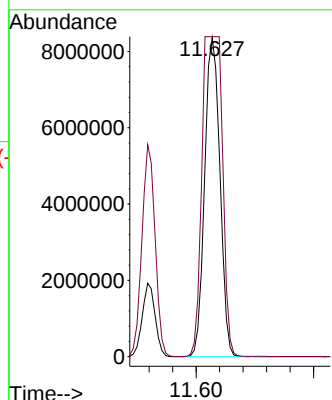
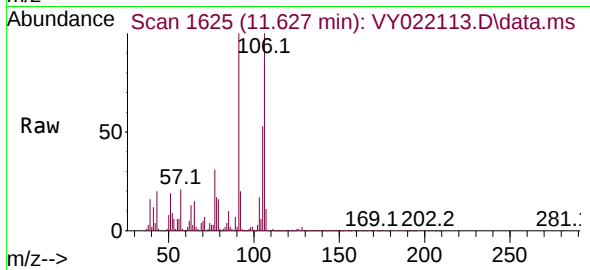




#68
m/p-Xylenes
Concen: 1485.649 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

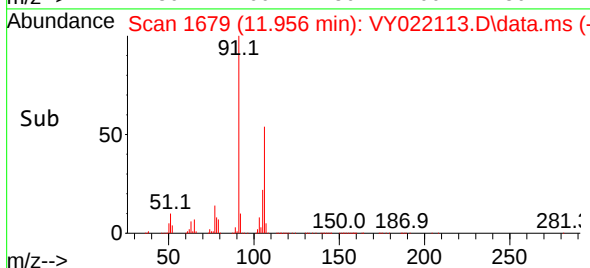
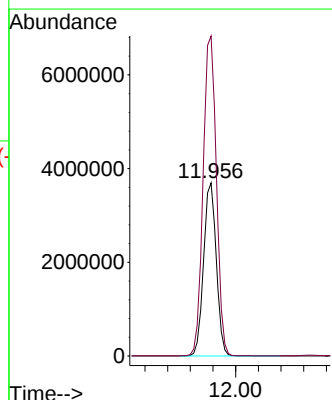
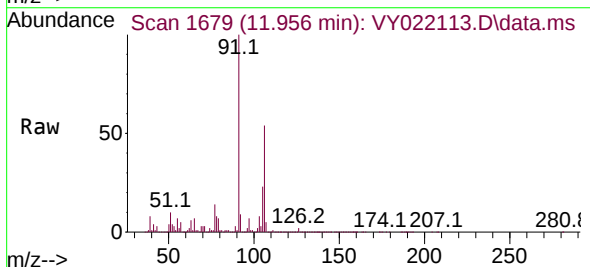
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

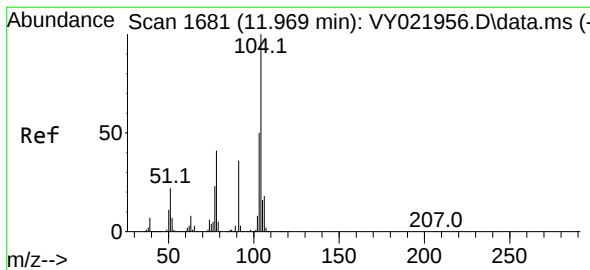
Tgt Ion:106 Resp:15077297
Ion Ratio Lower Upper
106 100
91 0.0 156.2 234.2#



#69
o-Xylene
Concen: 611.843 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion:106 Resp: 5723088
Ion Ratio Lower Upper
106 100
91 194.0 103.0 308.9





#70

Styrene

Concen: 18.155 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

Instrument :

MSVOA_Y

ClientSampleId :

SS-6

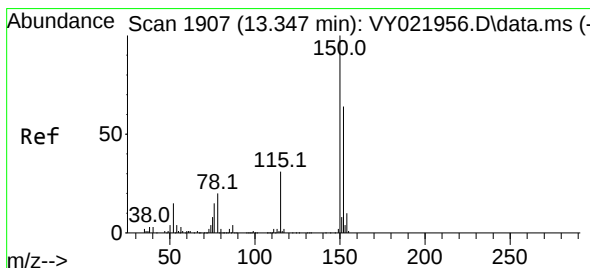
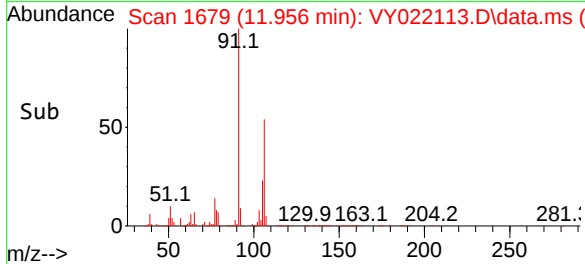
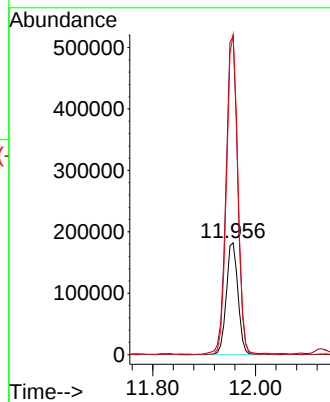
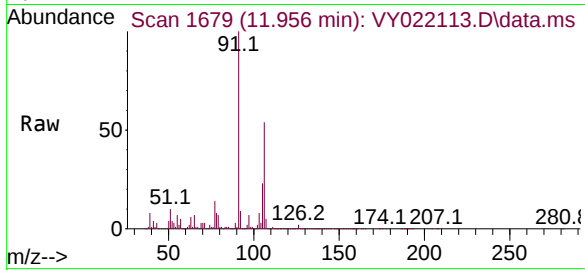
Tgt Ion:104 Resp: 285124

Ion Ratio Lower Upper

104 100

78 287.1 36.6 54.8#

103 279.7 43.8 65.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

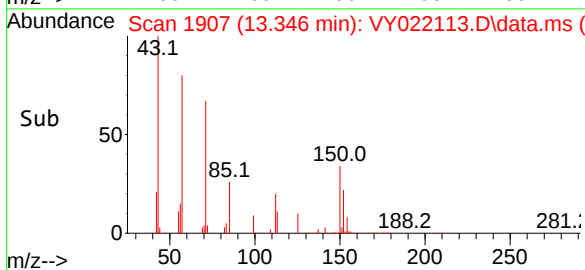
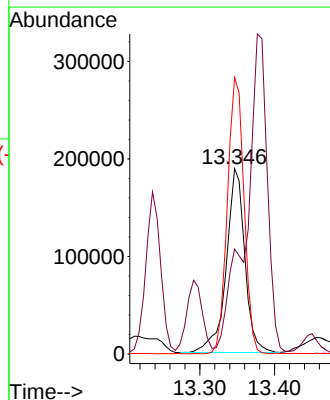
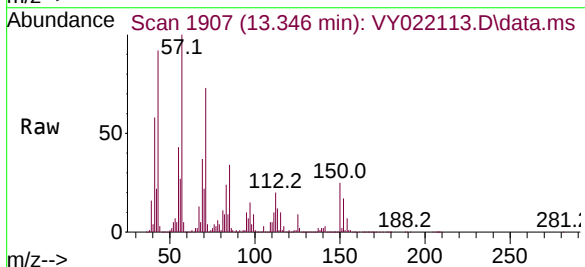
Tgt Ion:152 Resp: 327199

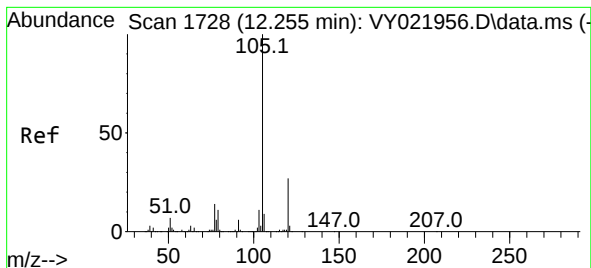
Ion Ratio Lower Upper

152 100

115 0.0 28.0 84.0#

150 134.3 0.0 345.6





#73

Isopropylbenzene

Concen: 100.563 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

Instrument :

MSVOA_Y

ClientSampleId :

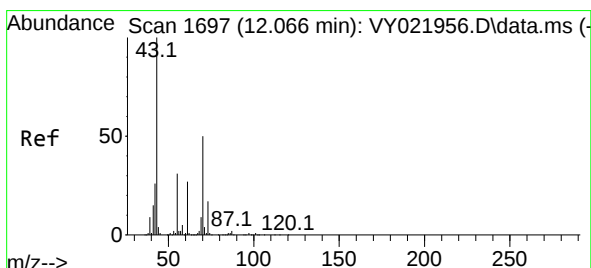
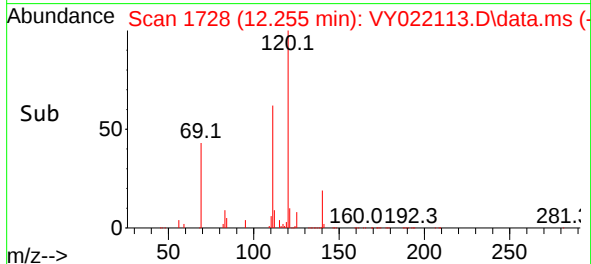
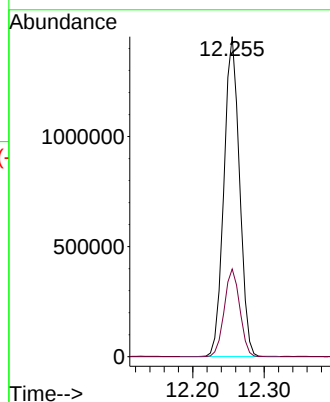
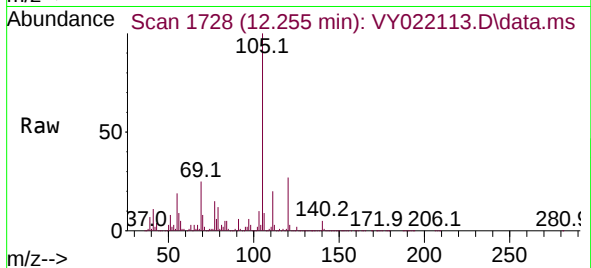
SS-6

Tgt Ion:105 Resp: 2198348

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.5



#74

N-ethyl acetate

Concen: 300.468 ug/l

RT: 12.054 min Scan# 1695

Delta R.T. -0.012 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

Tgt Ion: 43 Resp: 1128505

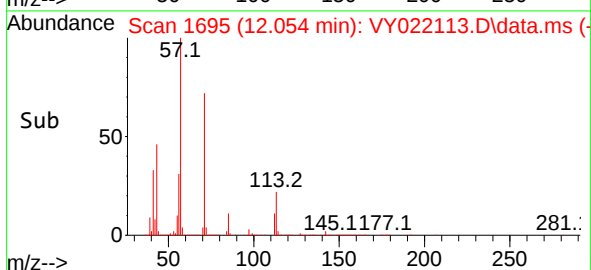
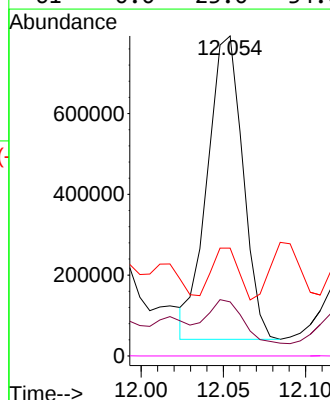
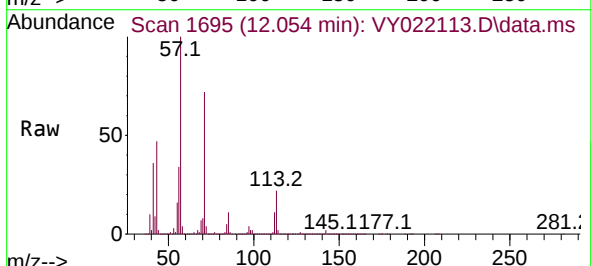
Ion Ratio Lower Upper

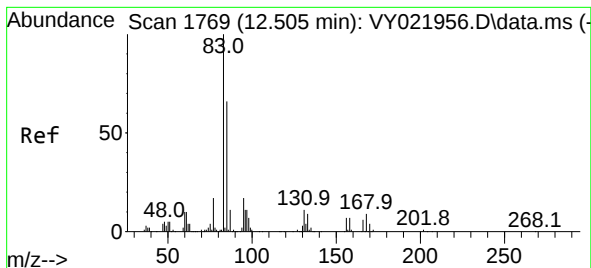
43 100

70 15.0 43.2 64.8#

55 12.6 25.7 38.5#

61 0.0 23.0 34.6#

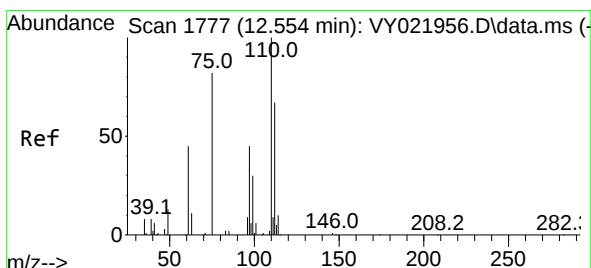
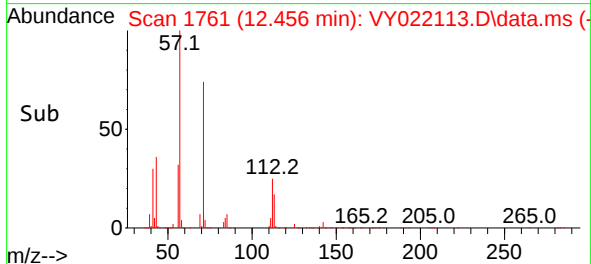
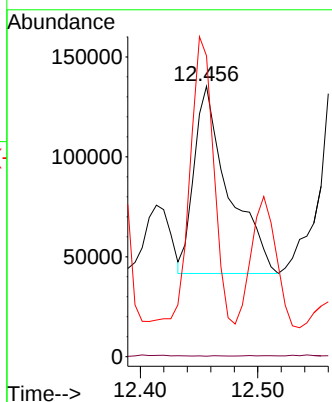
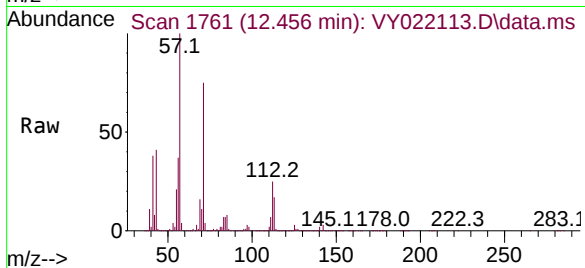




#75
1,1,2,2-Tetrachloroethane
Concen: 52.472 ug/l
RT: 12.456 min Scan# 1784
Delta R.T. -0.049 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

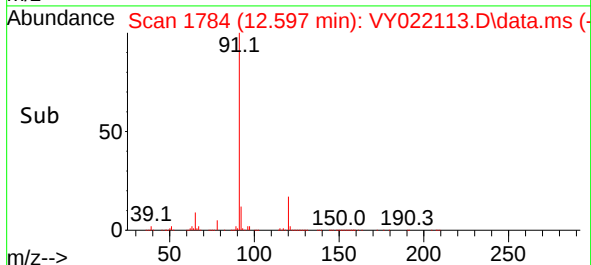
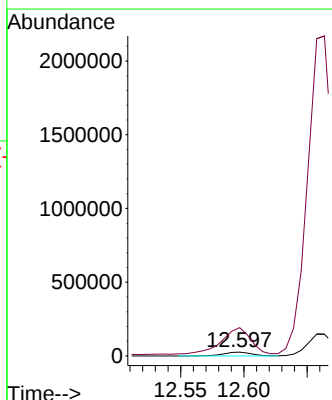
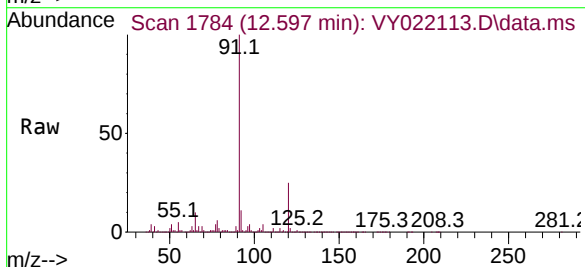
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

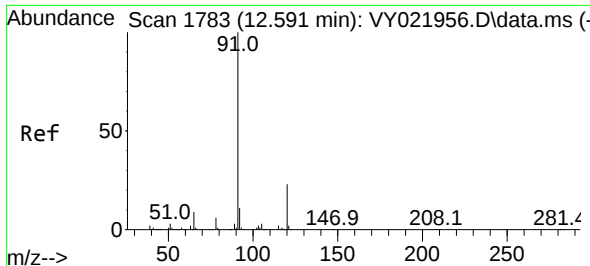
Tgt Ion: 83 Resp: 193389
Ion Ratio Lower Upper
83 100
131 0.1 5.5 16.4#
85 102.1 32.3 96.8#



#76
1,2,3-Trichloropropane
Concen: 13.793 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.043 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 75 Resp: 38656
Ion Ratio Lower Upper
75 100
77 773.3 0.0 0.0#

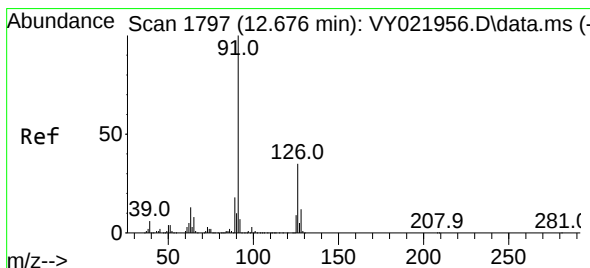
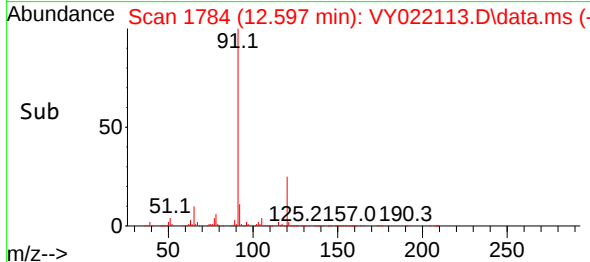
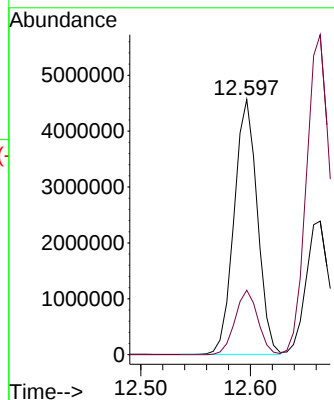
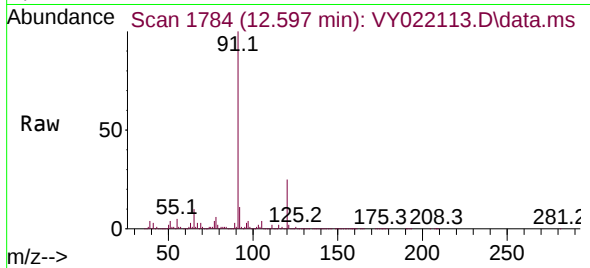




#78
n-propylbenzene
Concen: 258.375 ug/l
RT: 12.597 min Scan# 1783
Delta R.T. 0.006 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

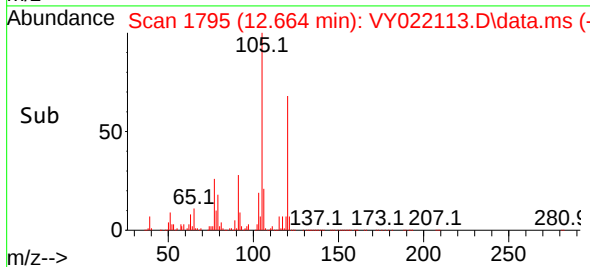
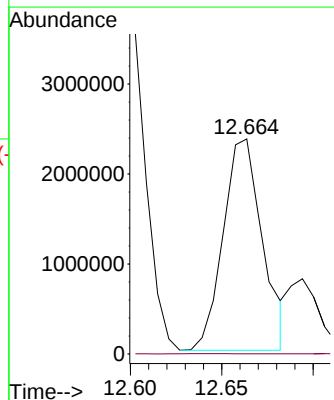
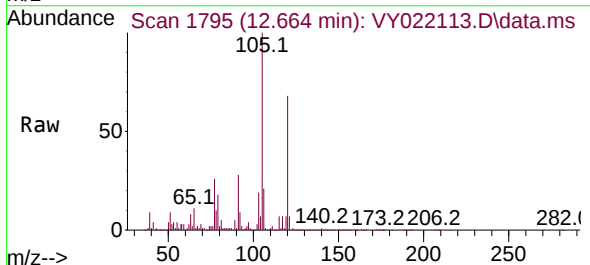
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

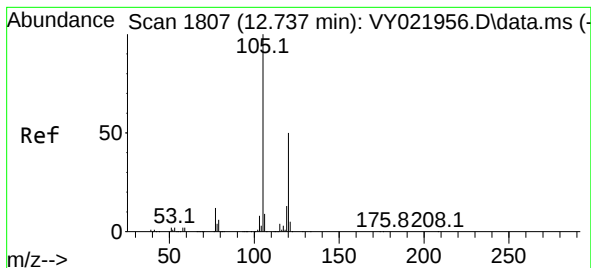
Tgt Ion: 91 Resp: 6726321
Ion Ratio Lower Upper
91 100
120 24.7 11.9 35.5



#79
2-Chlorotoluene
Concen: 231.756 ug/l
RT: 12.664 min Scan# 1795
Delta R.T. -0.012 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 91 Resp: 3508769
Ion Ratio Lower Upper
91 100
126 0.2 17.9 53.8#





#80

1,3,5-Trimethylbenzene

Concen: 619.494 ug/l

RT: 12.737 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

Instrument :

MSVOA_Y

ClientSampleId :

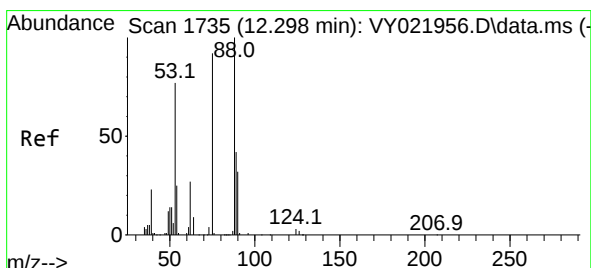
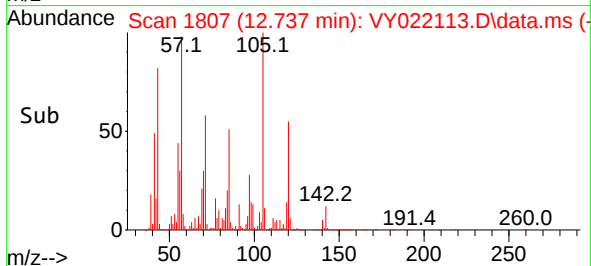
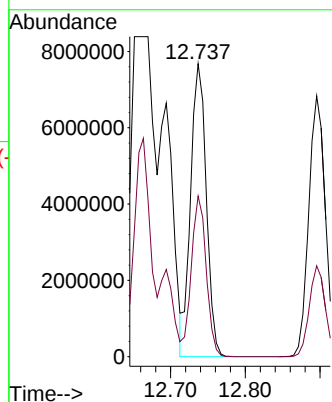
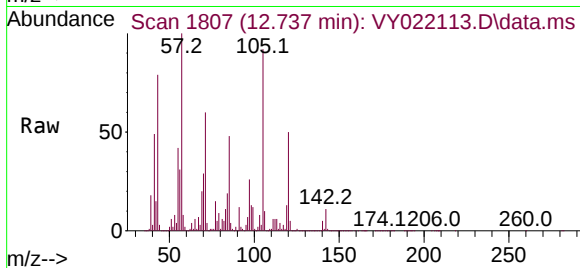
SS-6

Tgt Ion:105 Resp:11158175

Ion Ratio Lower Upper

105 100

120 52.3 25.0 75.0



#81

trans-1,4-Dichloro-2-butene

Concen: 18.958 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. -0.043 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

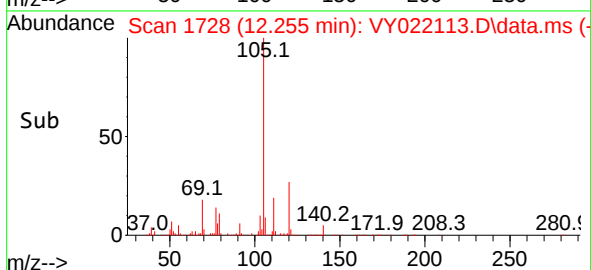
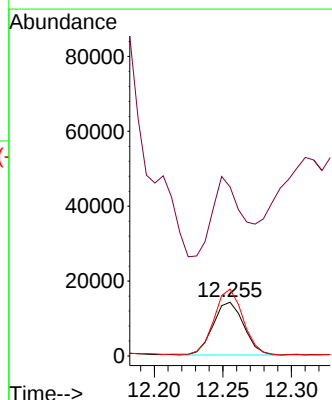
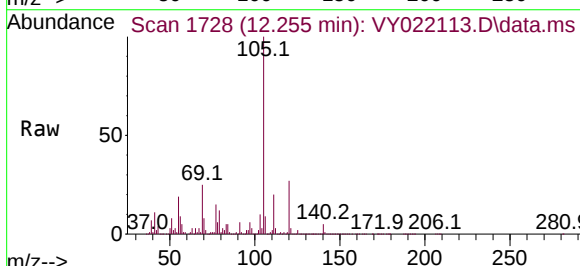
Tgt Ion: 75 Resp: 22064

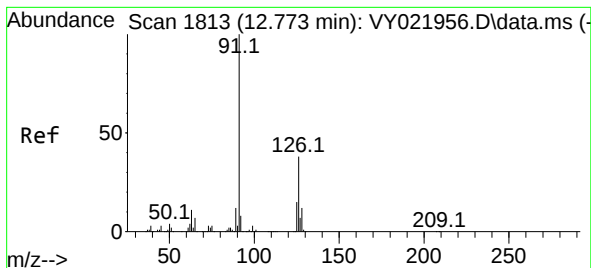
Ion Ratio Lower Upper

75 100

53 145.6 66.0 99.0#

89 117.9 37.2 55.8#

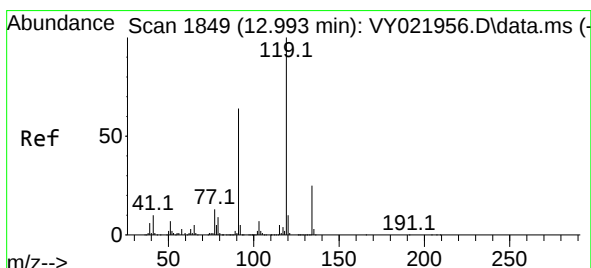
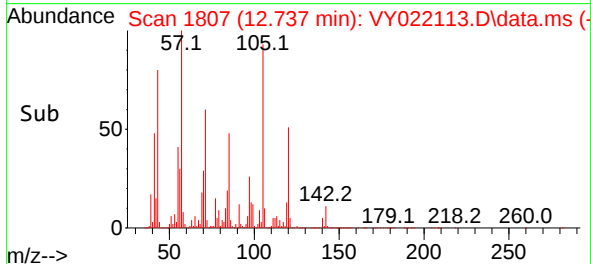
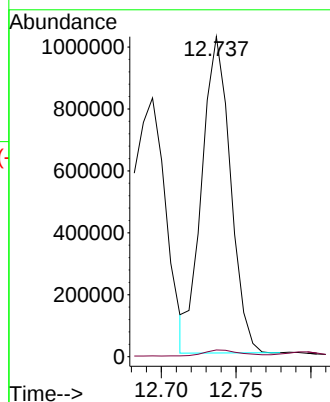
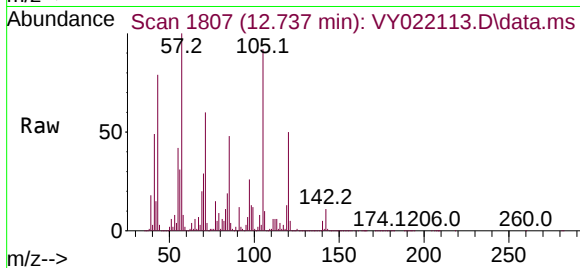




#82
4-Chlorotoluene
Concen: 86.339 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.037 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

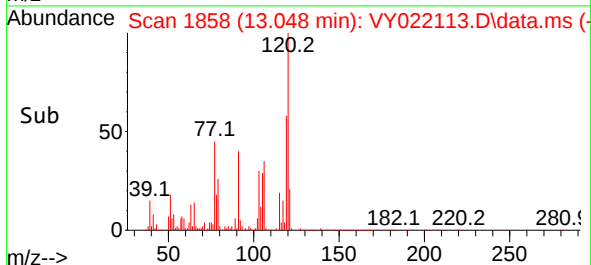
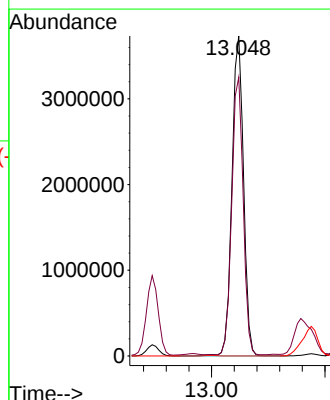
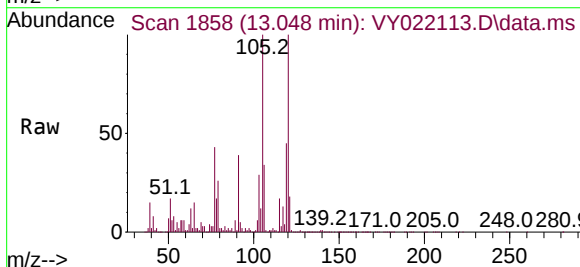
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

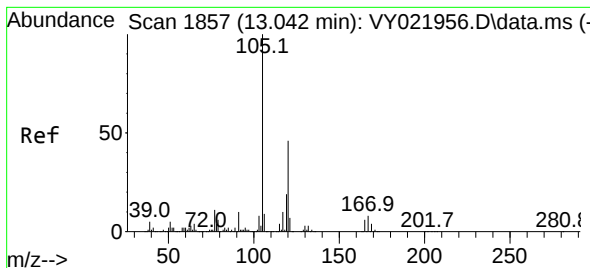
Tgt Ion: 91 Resp: 1358839
Ion Ratio Lower Upper
91 100
126 2.5 17.9 53.8#



#83
tert-Butylbenzene
Concen: 325.690 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.055 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 119 Resp: 5261127
Ion Ratio Lower Upper
119 100
91 85.9 30.3 90.9
134 0.0 12.9 38.7#





#84

1,2,4-Trimethylbenzene

Concen: 580.414 ug/l

RT: 12.895 min Scan# 1833

Delta R.T. -0.146 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

Instrument :

MSVOA_Y

ClientSampleId :

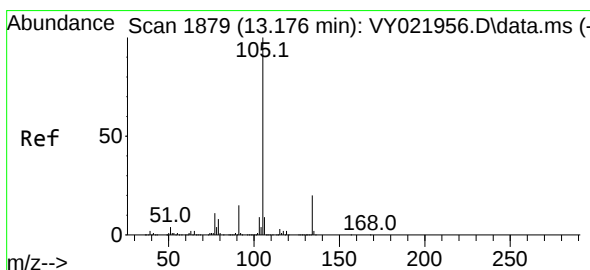
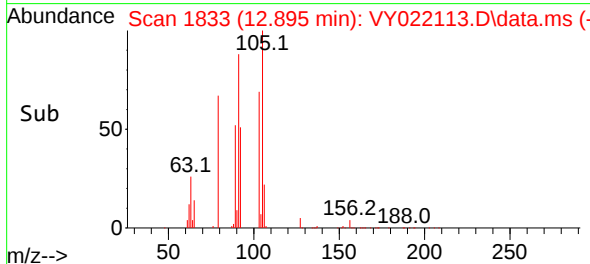
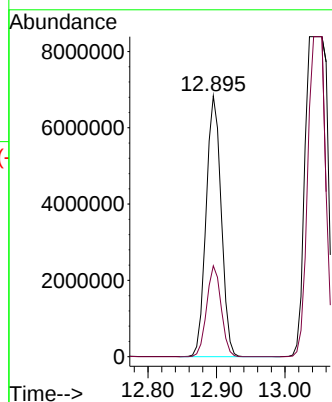
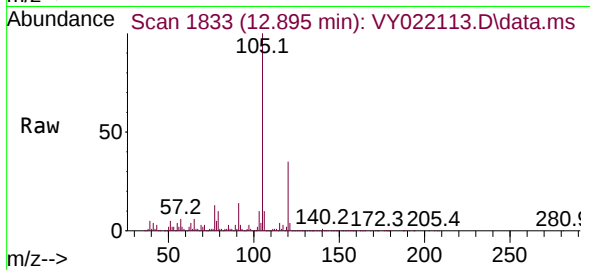
SS-6

Tgt Ion:105 Resp:10456664

Ion Ratio Lower Upper

105 100

120 33.4 23.4 70.0



#85

sec-Butylbenzene

Concen: 101.092 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022113.D

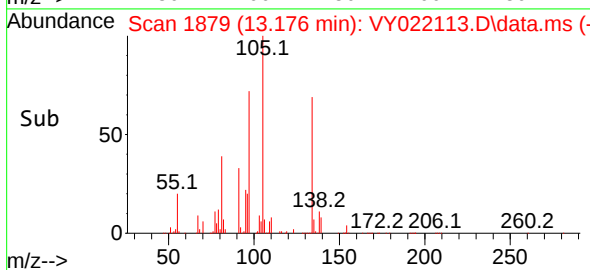
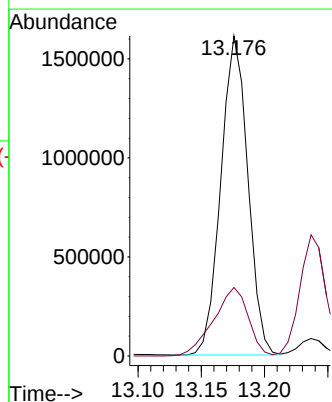
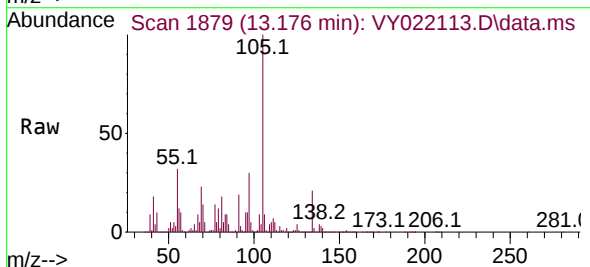
Acq: 01 May 2025 17:37

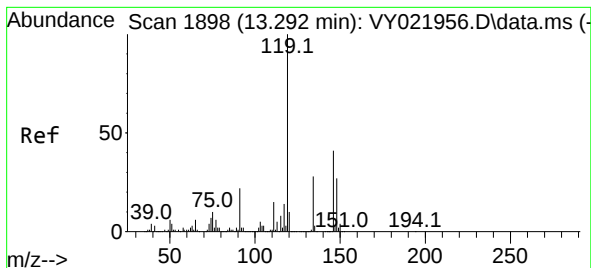
Tgt Ion:105 Resp: 2389617

Ion Ratio Lower Upper

105 100

134 27.5 10.3 30.9

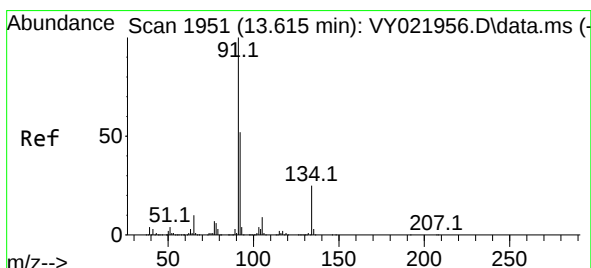
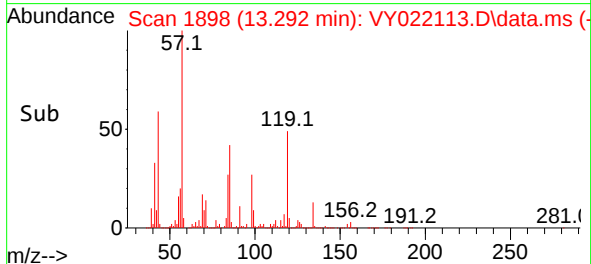
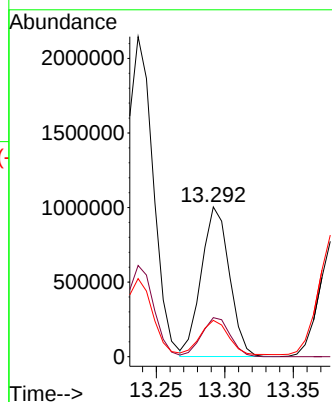
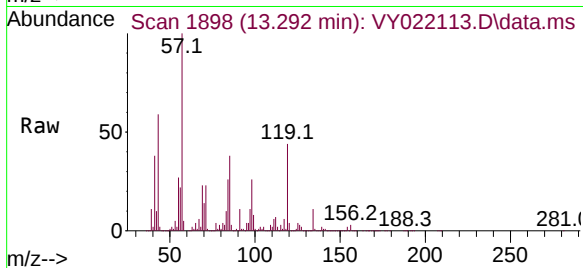




#86
p-Isopropyltoluene
Concen: 71.260 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

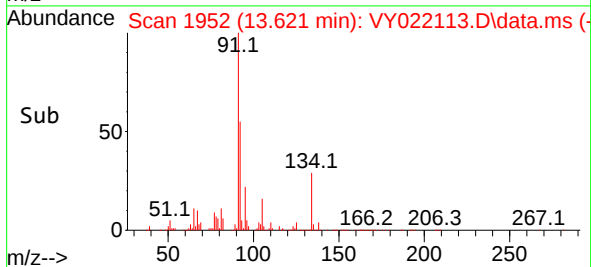
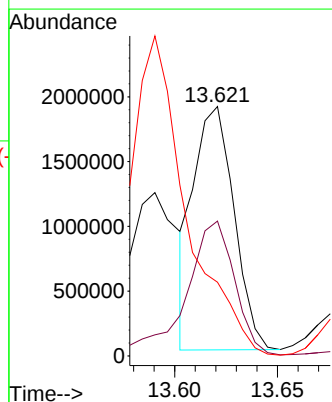
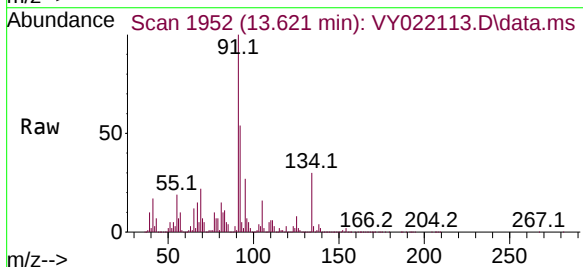
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

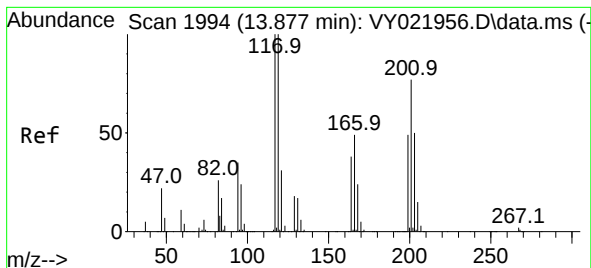
Tgt Ion:119 Resp: 1430344
Ion Ratio Lower Upper
119 100
134 26.5 13.6 40.7
91 22.5 11.0 33.0



#89
n-Butylbenzene
Concen: 142.108 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion: 91 Resp: 2549592
Ion Ratio Lower Upper
91 100
92 66.7 26.5 79.5
134 0.0 13.4 40.1#





#90

Hexachloroethane

Concen: 188.033 ug/l

RT: 13.895 min Scan# 1997

Delta R.T. 0.018 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

Instrument :

MSVOA_Y

ClientSampleId :

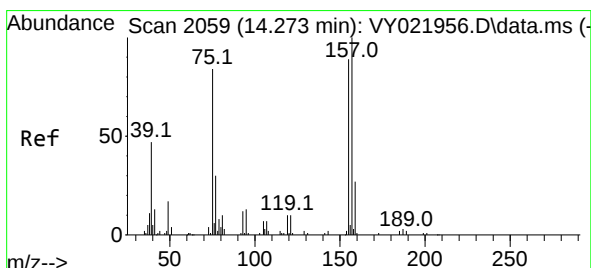
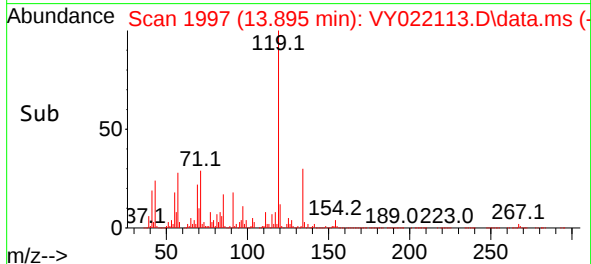
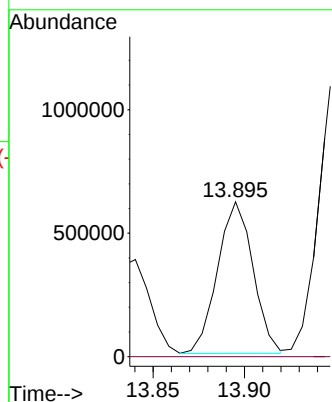
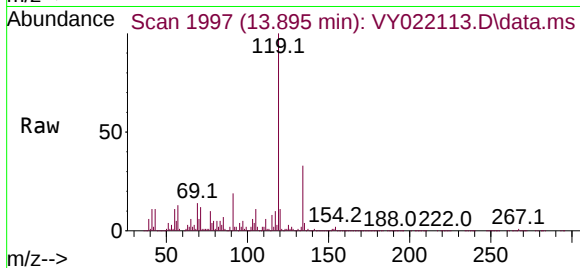
SS-6

Tgt Ion:117 Resp: 829236

Ion Ratio Lower Upper

117 100

201 0.0 38.7 116.1#



#92

1,2-Dibromo-3-Chloropropane

Concen: 68.575 ug/l

RT: 14.255 min Scan# 2056

Delta R.T. -0.018 min

Lab File: VY022113.D

Acq: 01 May 2025 17:37

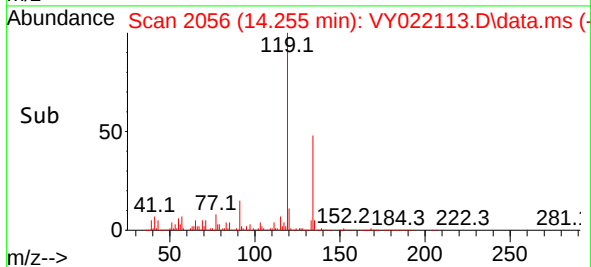
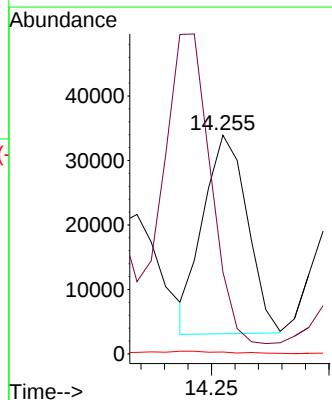
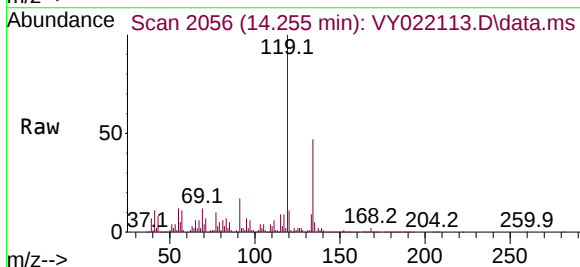
Tgt Ion: 75 Resp: 40210

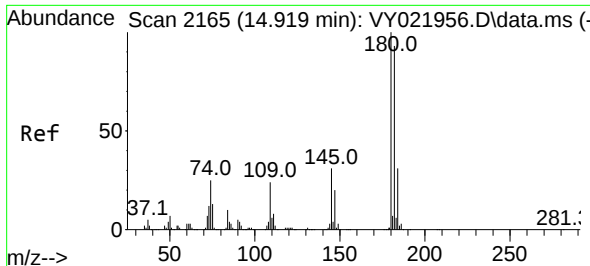
Ion Ratio Lower Upper

75 100

155 164.4 50.7 152.3#

157 2.2 62.6 187.8#

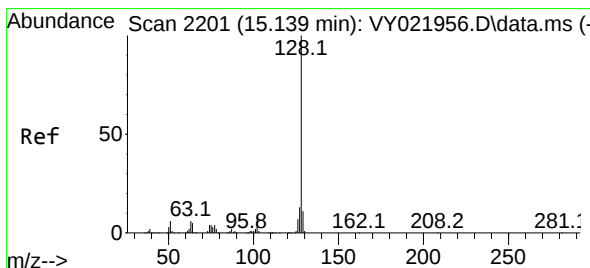
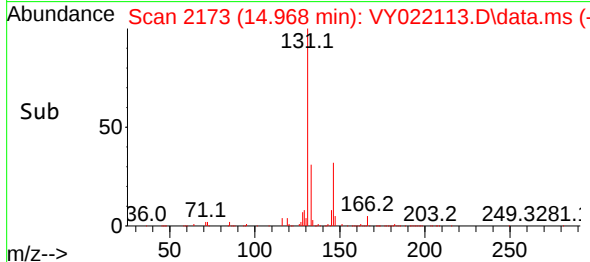
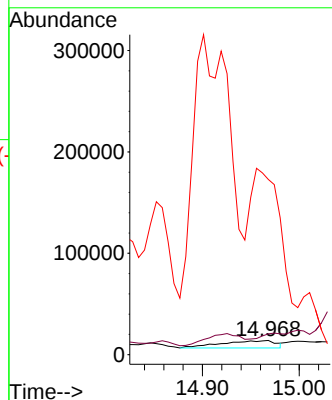
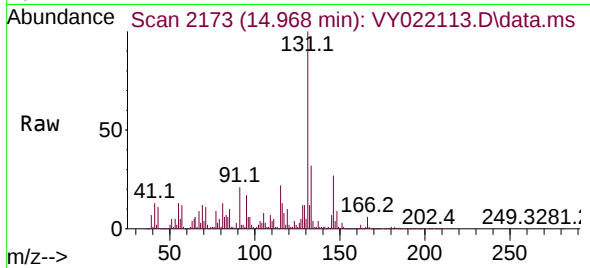




#93
1,2,4-Trichlorobenzene
Concen: 5.150 ug/l
RT: 14.968 min Scan# 2165
Delta R.T. 0.049 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

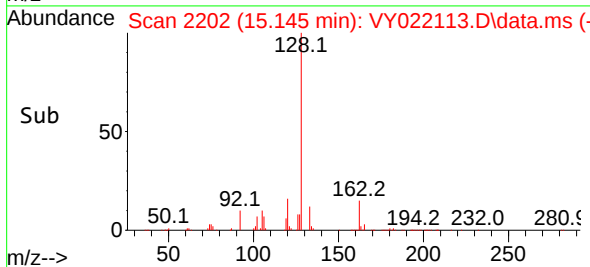
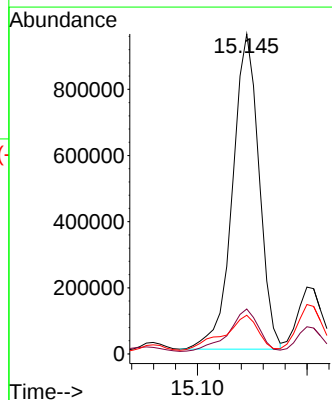
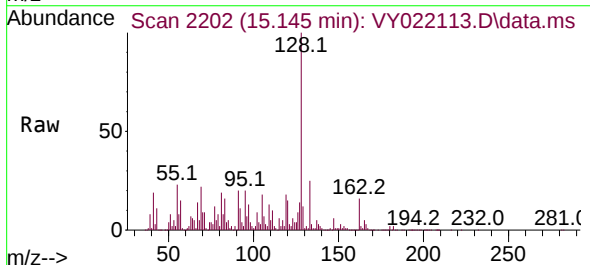
Instrument :
MSVOA_Y
ClientSampleId :
SS-6

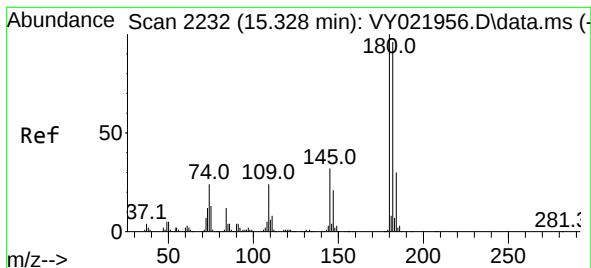
Tgt Ion:180 Resp: 28557
Ion Ratio Lower Upper
180 100
182 70.1 47.1 141.4
145 1009.5 15.0 45.0#



#95
Naphthalene
Concen: 173.540 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY022113.D
Acq: 01 May 2025 17:37

Tgt Ion:128 Resp: 1598513
Ion Ratio Lower Upper
128 100
127 15.2 10.6 16.0
129 14.4 8.9 13.3#





#96

1,2,3-Trichlorobenzene

Concen: 16.347 ug/l

RT: 15.352 min Scan# 21

Delta R.T. 0.024 min

Lab File: VY022113.D

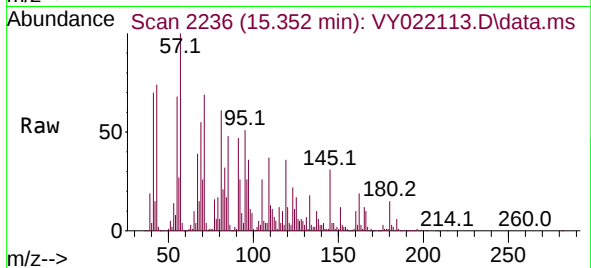
Acq: 01 May 2025 17:37

Instrument :

MSVOA_Y

ClientSampleId :

SS-6



Tgt Ion:180 Resp: 78243

Ion Ratio Lower Upper

180 100

182 0.0 48.1 144.4#

145 586.4 16.0 48.0#

