

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
 Data File : VY014929.D
 Acq On : 02 Aug 2023 14:15
 Operator : SY/MD
 Sample : VY0802SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0802SBL01

Quant Time: Aug 03 02:42:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

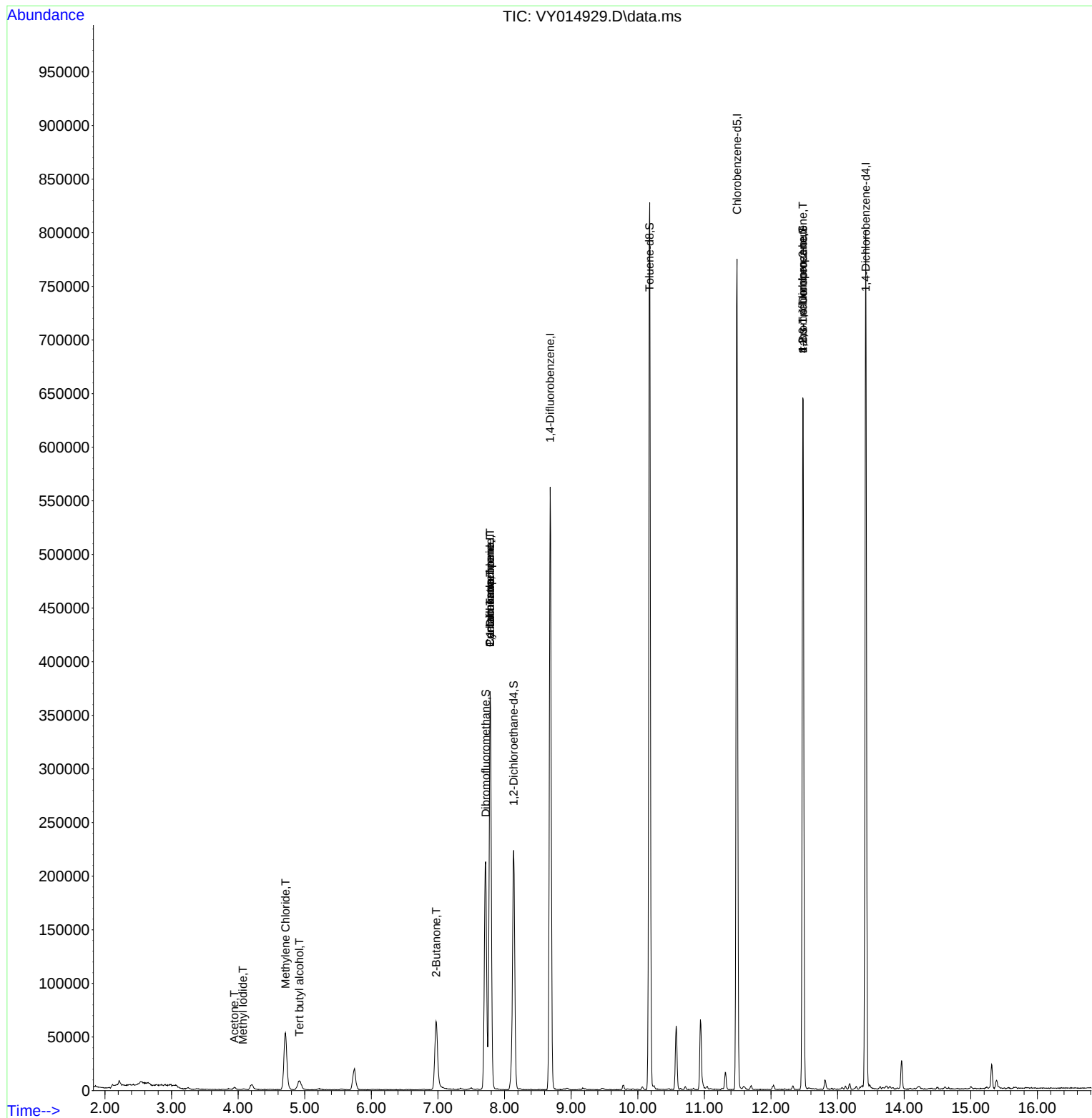
Internal Standards						
1) Pentafluorobenzene	7.783	168	286229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	482331	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	417221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	202428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	169214	51.879	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.760%	
35) Dibromofluoromethane	7.716	113	153713	50.063	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.120%	
50) Toluene-d8	10.179	98	537802	47.509	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.020%	
62) 4-Bromofluorobenzene	12.477	95	192527	44.356	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.720%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.070	142	401	2.489	ug/l #	38
11) Tert butyl alcohol	4.918	59	9212	1.980	ug/l #	92
16) Acetone	3.942	43	3550	3.435	ug/l	91
20) Methylene Chloride	4.710	84	41267	8.812	ug/l #	88
25) 2-Butanone	6.972	43	4657	3.080	ug/l #	75
31) Cyclohexane	7.783	56	7003	1.293	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	23326	5.080	ug/l #	50
38) Carbon Tetrachloride	7.783	117	28397	5.850	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	101962	39.882	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	101962	77.218	ug/l #	11

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

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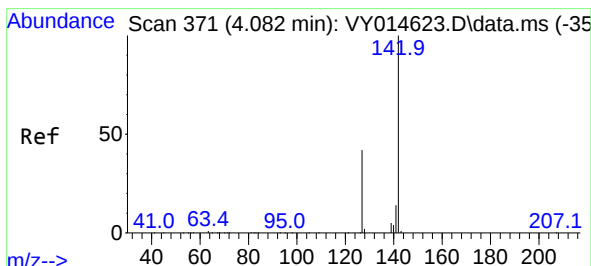
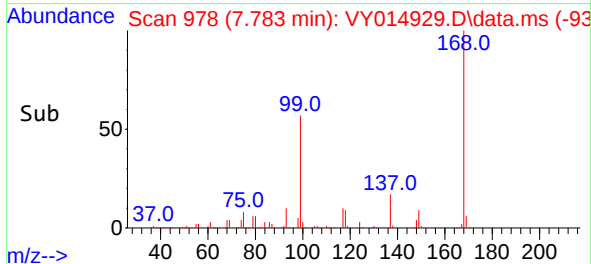
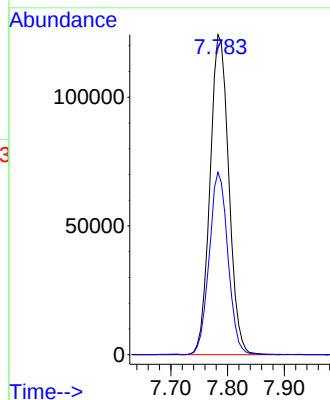
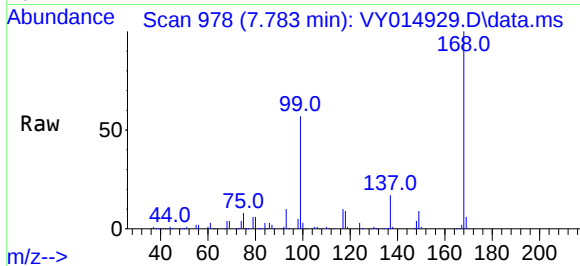




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014929.D
Acq: 02 Aug 2023 14:15

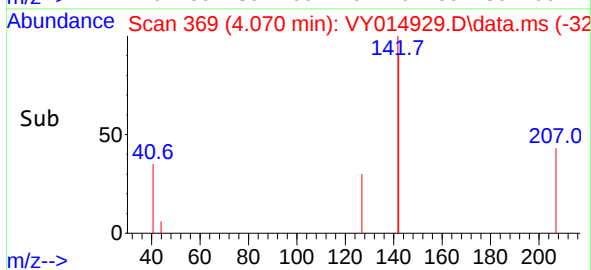
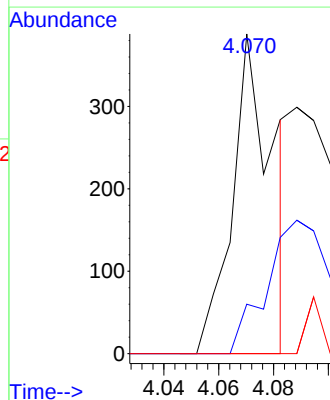
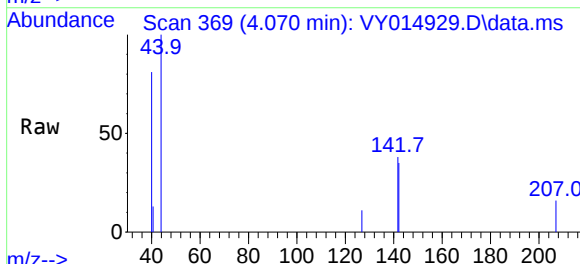
Instrument :
MSVOA_Y
ClientSampleId :
VY0802SBL01

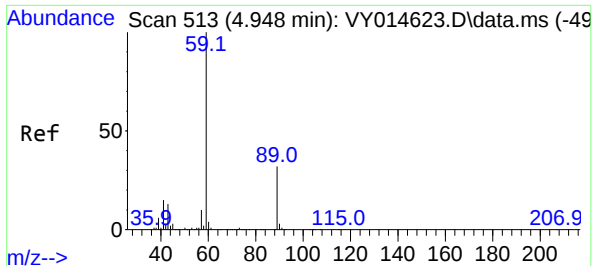
Tgt Ion:168 Resp: 286229
Ion Ratio Lower Upper
168 100
99 56.9 43.4 65.0



#10
Methyl Iodide
Concen: 2.489 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.012 min
Lab File: VY014929.D
Acq: 02 Aug 2023 14:15

Tgt Ion:142 Resp: 401
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

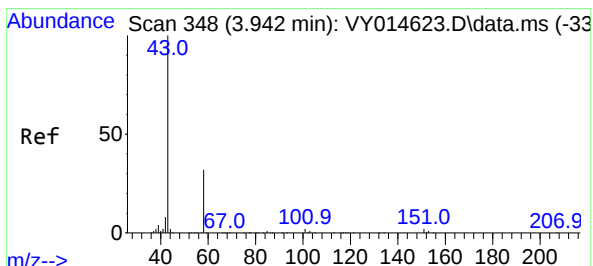
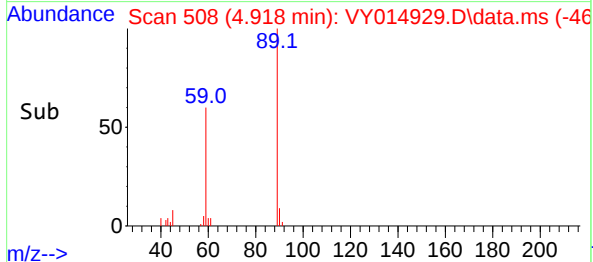
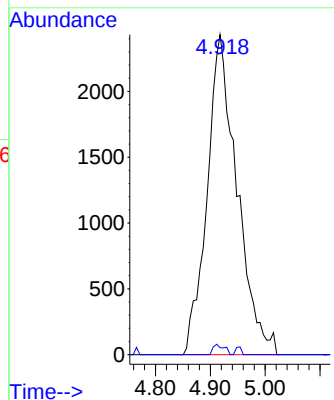
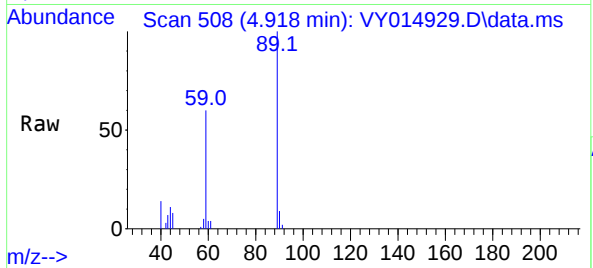




#11
Tert butyl alcohol
Concen: 1.980 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY014929.D
Acq: 02 Aug 2023 14:15

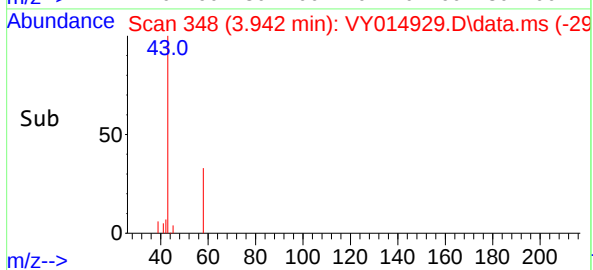
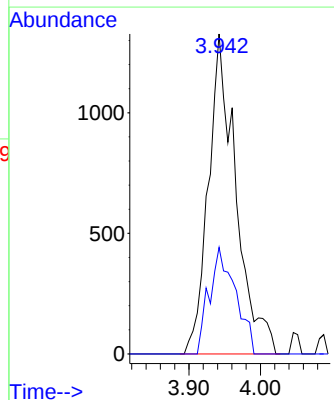
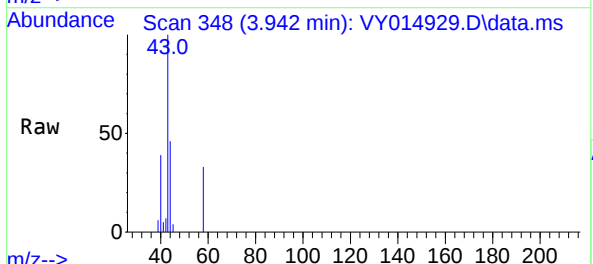
Instrument :
MSVOA_Y
ClientSampleId :
VY0802SBL01

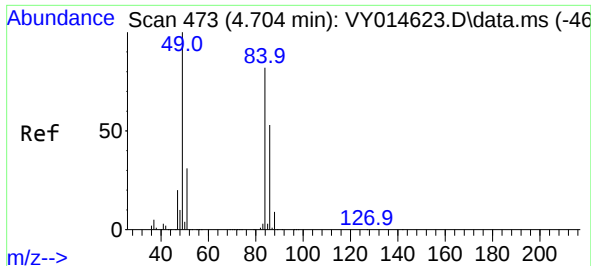
Tgt Ion: 59 Resp: 9212
Ion Ratio Lower Upper
59 100
57 1.2 3.0 4.4#



#16
Acetone
Concen: 3.435 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY014929.D
Acq: 02 Aug 2023 14:15

Tgt Ion: 43 Resp: 3550
Ion Ratio Lower Upper
43 100
58 33.3 22.7 34.1



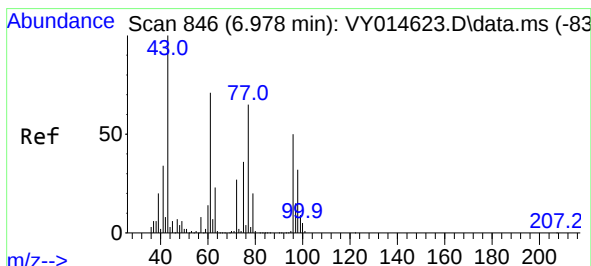
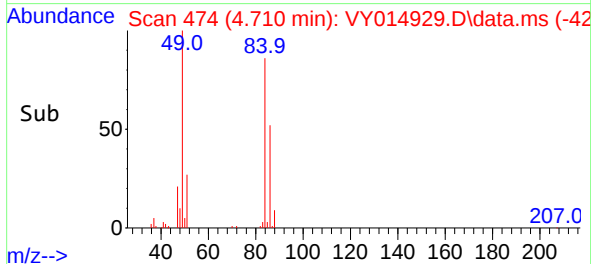
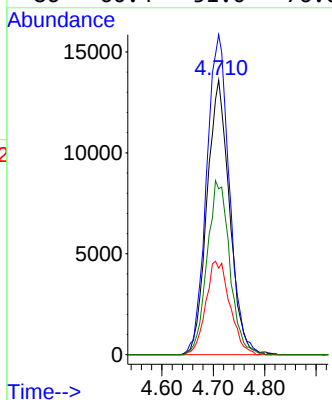
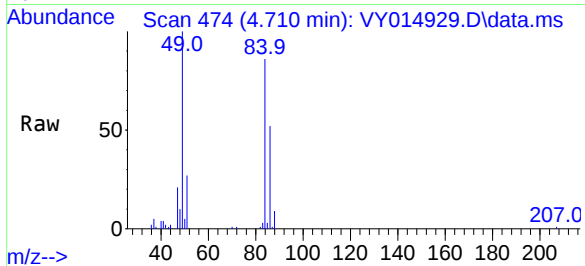


#20
Methylene Chloride
Concen: 8.812 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014929.D
Acq: 02 Aug 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0802SBL01

Tgt Ion: 84 Resp: 41267

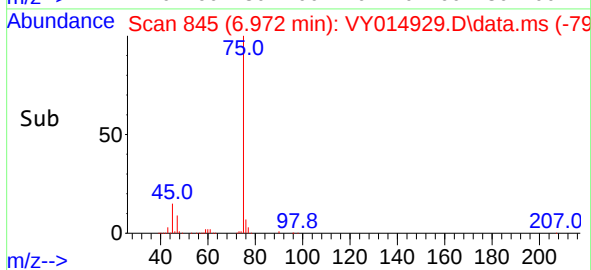
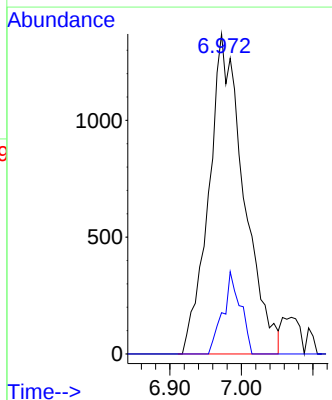
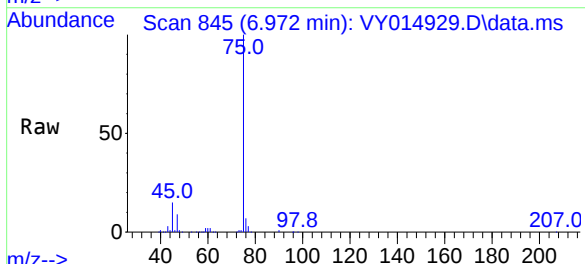
Ion	Ratio	Lower	Upper
84	100		
49	116.5	106.9	160.3
51	31.5	33.2	49.8#
86	60.4	51.0	76.6

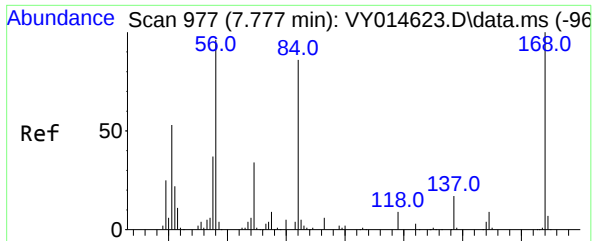


#25
2-Butanone
Concen: 3.080 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY014929.D
Acq: 02 Aug 2023 14:15

Tgt Ion: 43 Resp: 4657

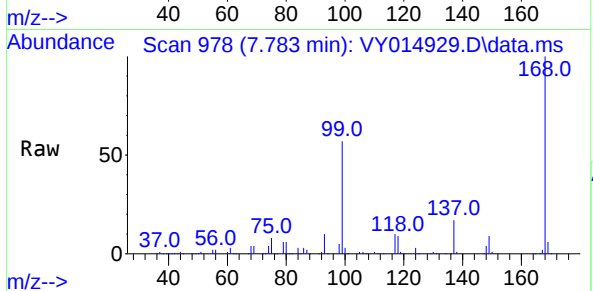
Ion	Ratio	Lower	Upper
43	100		
72	12.9	20.5	30.7#



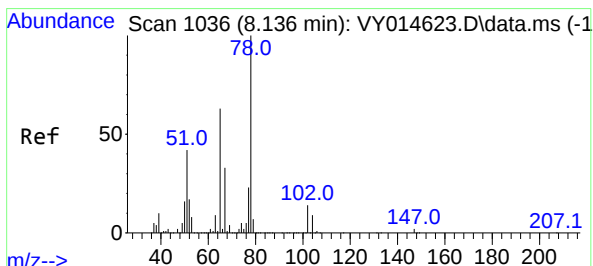
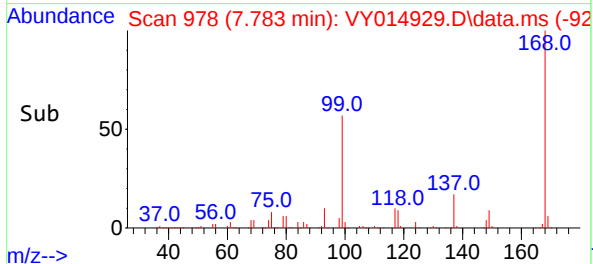
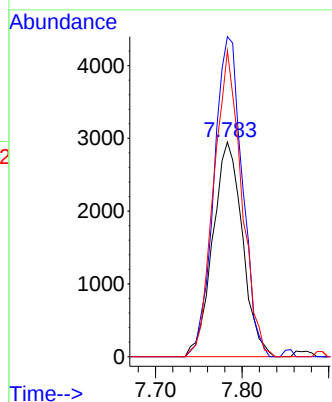


#31
Cyclohexane
Concen: 1.293 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014929.D
Acq: 02 Aug 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0802SBL01

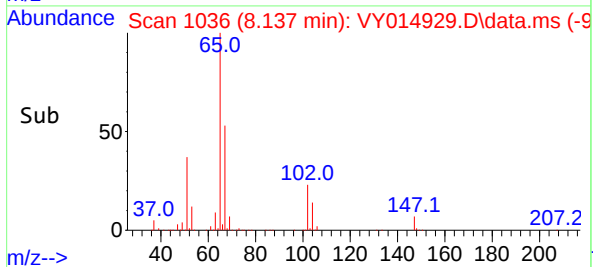
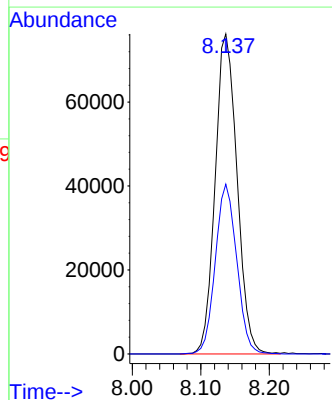
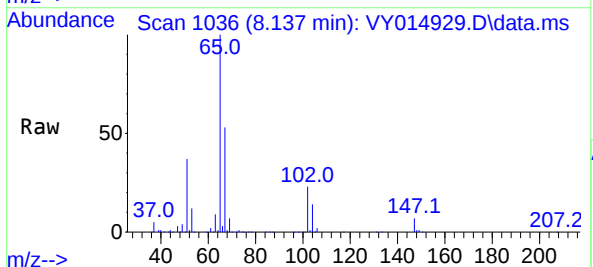


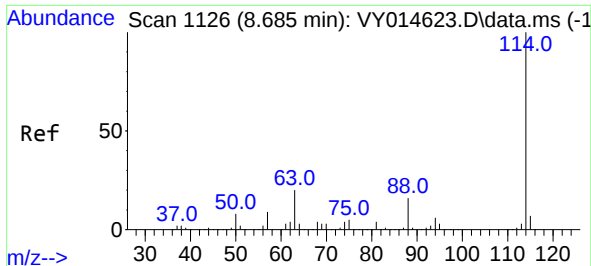
Tgt Ion: 56 Resp: 7003
Ion Ratio Lower Upper
56 100
69 149.2 27.8 41.6#
84 142.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 51.879 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014929.D
Acq: 02 Aug 2023 14:15

Tgt Ion: 65 Resp: 169214
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8



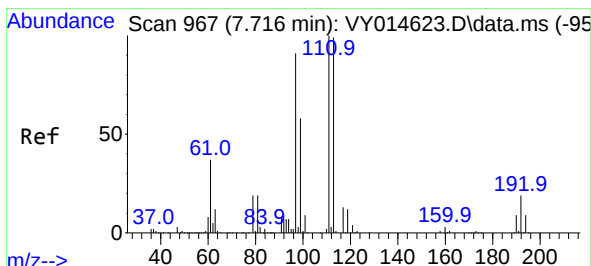
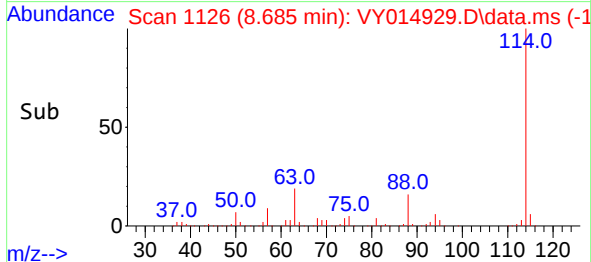
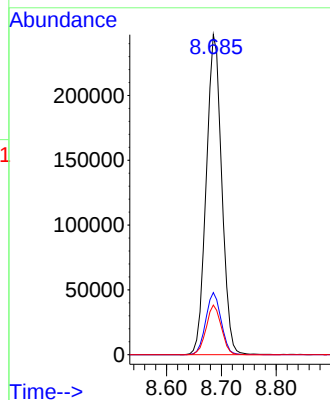
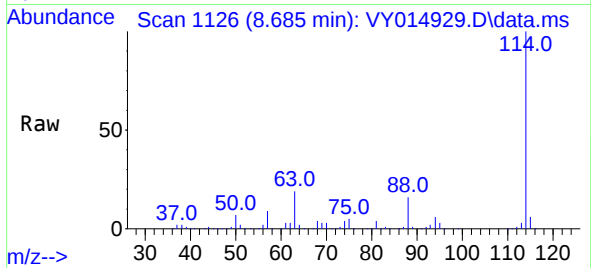


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014929.D
Acq: 02 Aug 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0802SBL01

Tgt Ion:114 Resp: 482331

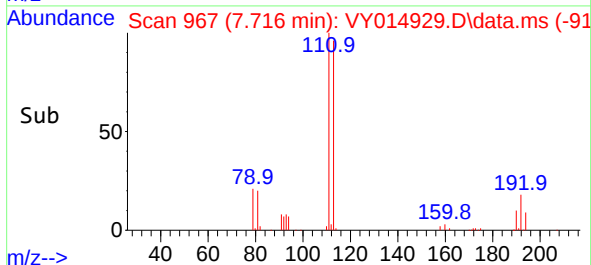
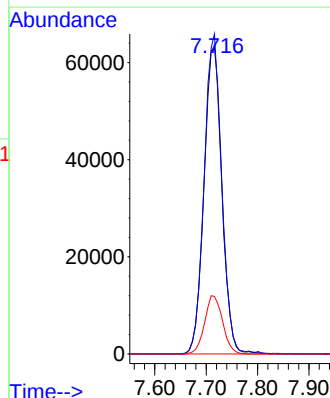
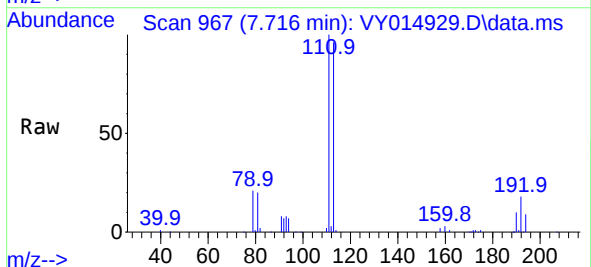
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.4
88	15.5	0.0	30.6

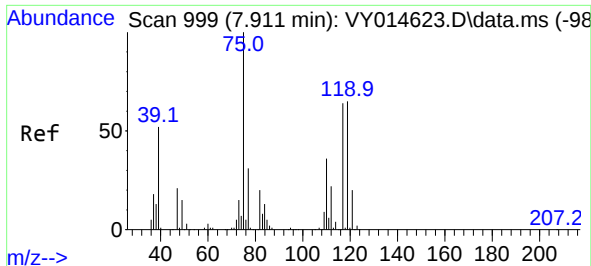


#35
Dibromofluoromethane
Concen: 50.063 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014929.D
Acq: 02 Aug 2023 14:15

Tgt Ion:113 Resp: 153713

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.3	121.9
192	18.9	16.9	25.3

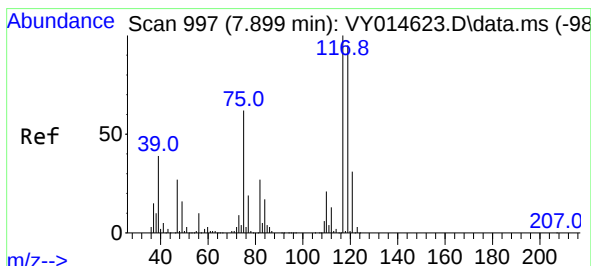
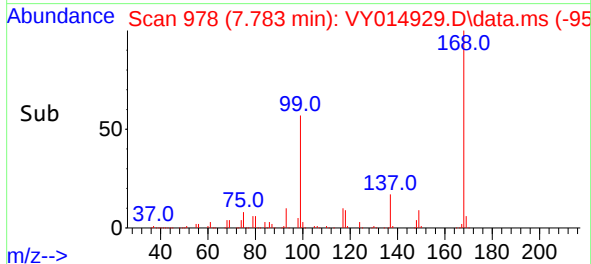
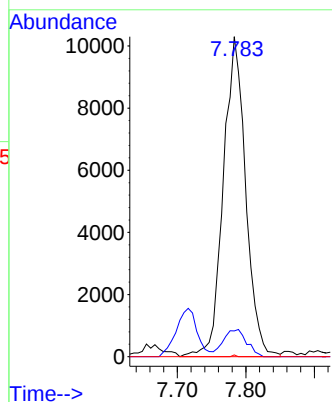
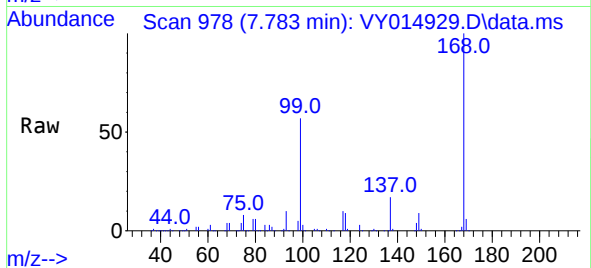




#36
1,1-Dichloropropene
Concen: 5.080 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY014929.D
Acq: 02 Aug 2023 14:15

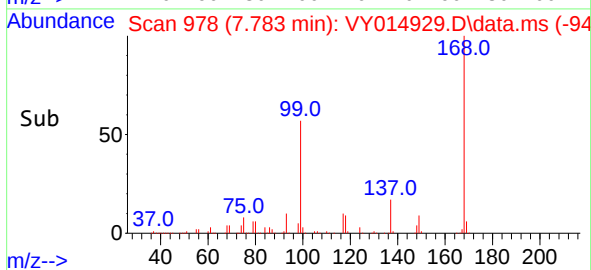
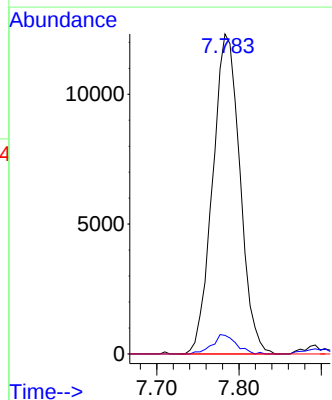
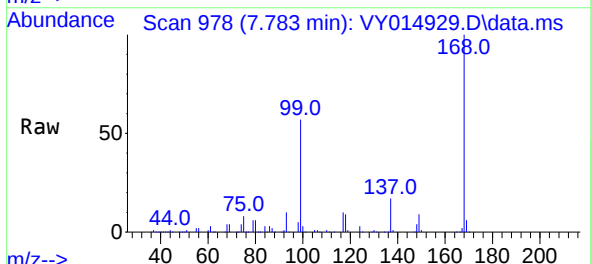
Instrument :
MSVOA_Y
ClientSampleId :
VY0802SBL01

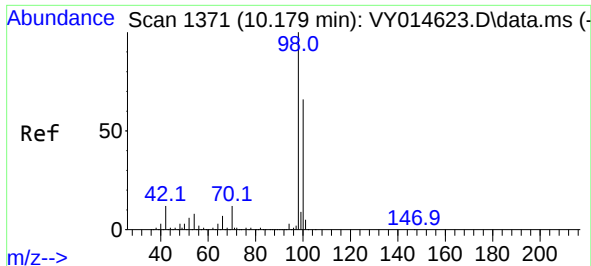
Tgt Ion: 75 Resp: 23326
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.1 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.850 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY014929.D
Acq: 02 Aug 2023 14:15

Tgt Ion: 117 Resp: 28397
Ion Ratio Lower Upper
117 100
119 5.8 76.4 114.6#
121 0.0 25.8 38.6#

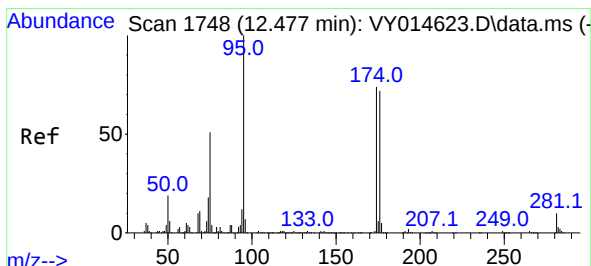
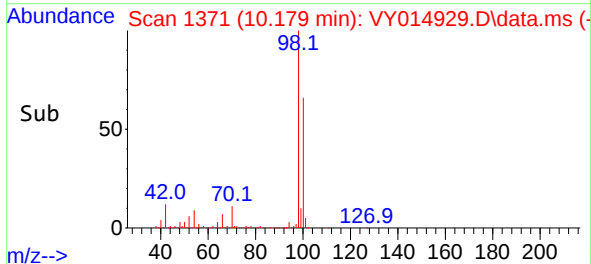
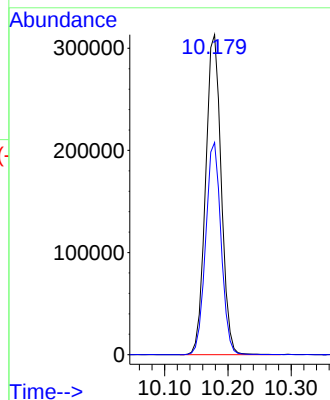
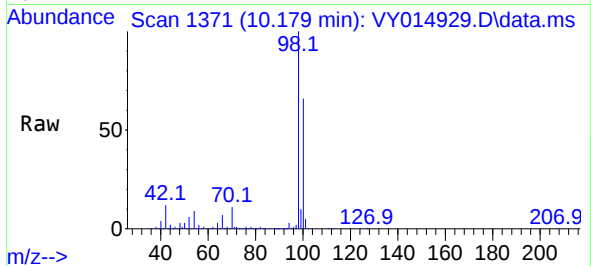




#50
Toluene-d8
Concen: 47.509 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014929.D
Acq: 02 Aug 2023 14:15

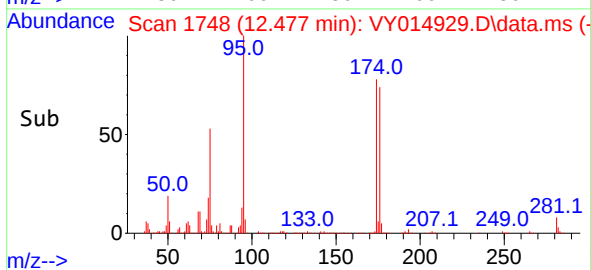
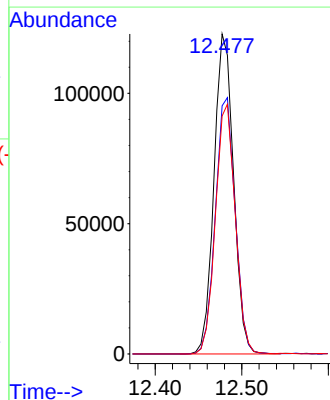
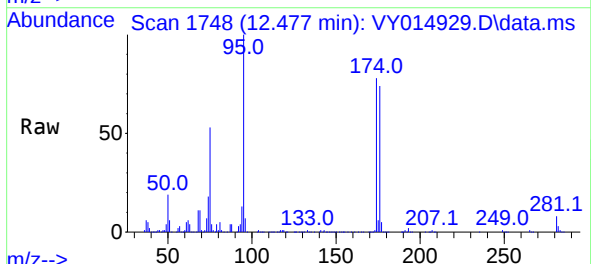
Instrument :
MSVOA_Y
ClientSampleId :
VY0802SBL01

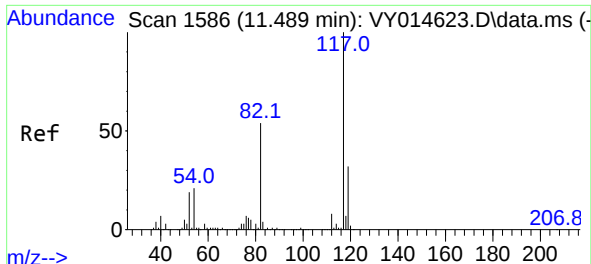
Tgt Ion: 98 Resp: 537802
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.356 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014929.D
Acq: 02 Aug 2023 14:15

Tgt Ion: 95 Resp: 192527
Ion Ratio Lower Upper
95 100
174 81.3 0.0 178.2
176 79.1 0.0 173.8

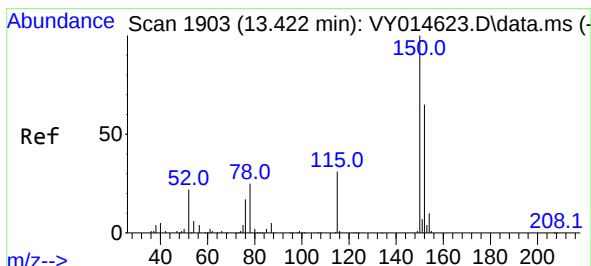
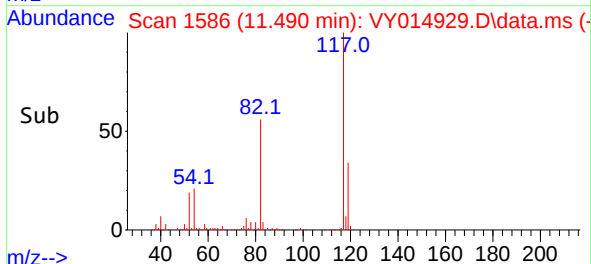
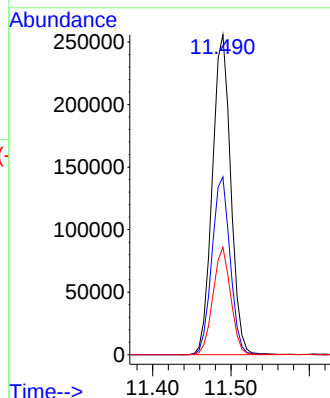
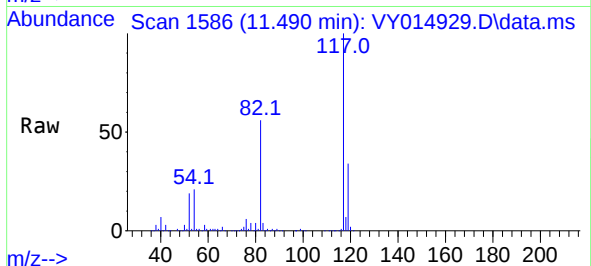




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY014929.D
Acq: 02 Aug 2023 14:15

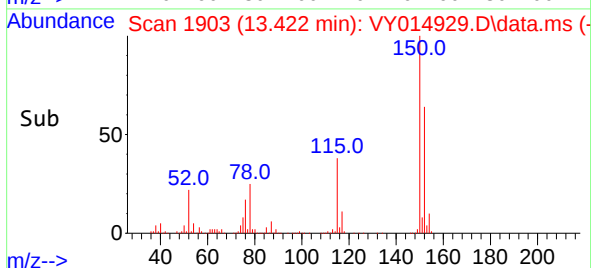
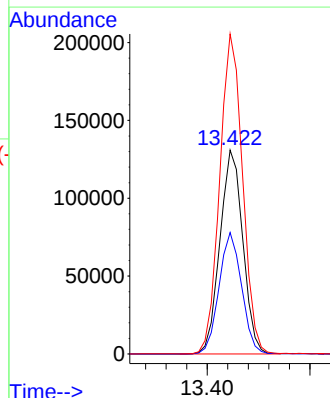
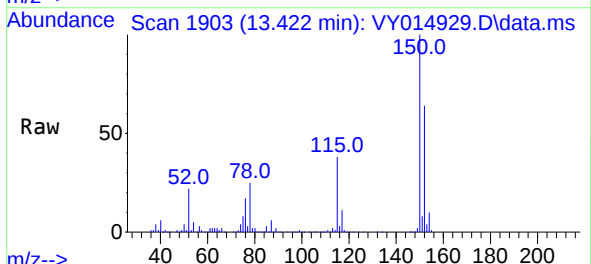
Instrument :
MSVOA_Y
ClientSampleId :
VY0802SBL01

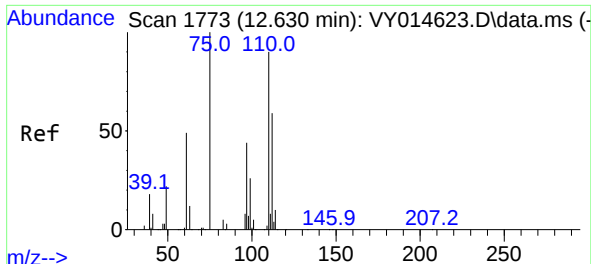
Tgt Ion:117 Resp: 417221
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.0
119 33.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY014929.D
Acq: 02 Aug 2023 14:15

Tgt Ion:152 Resp: 202428
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 156.4 0.0 348.8

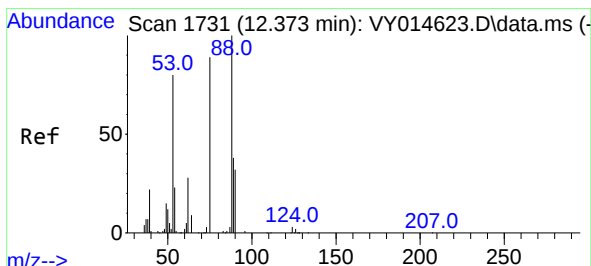
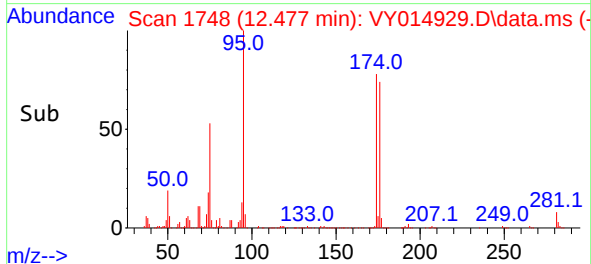
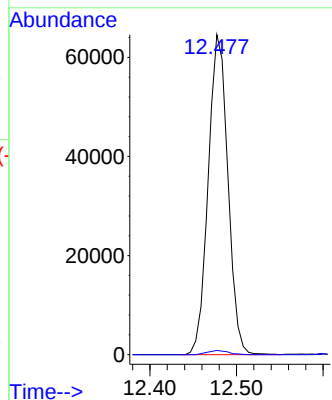
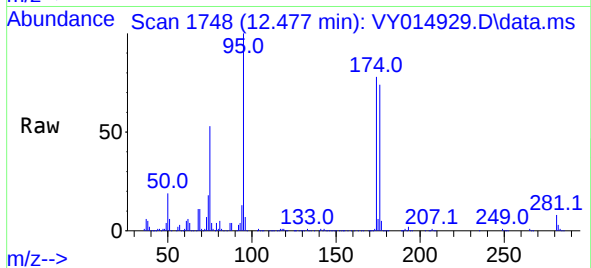




#76
1,2,3-Trichloropropane
Concen: 39.882 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY014929.D
Acq: 02 Aug 2023 14:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0802SBL01

Tgt Ion: 75 Resp: 101962
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.218 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY014929.D
Acq: 02 Aug 2023 14:15

Tgt Ion: 75 Resp: 101962
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#

