

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006554.D
 Acq On : 01 Nov 2021 16:07
 Operator : SY/MD
 Sample : M4424-03
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 02 03:30:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

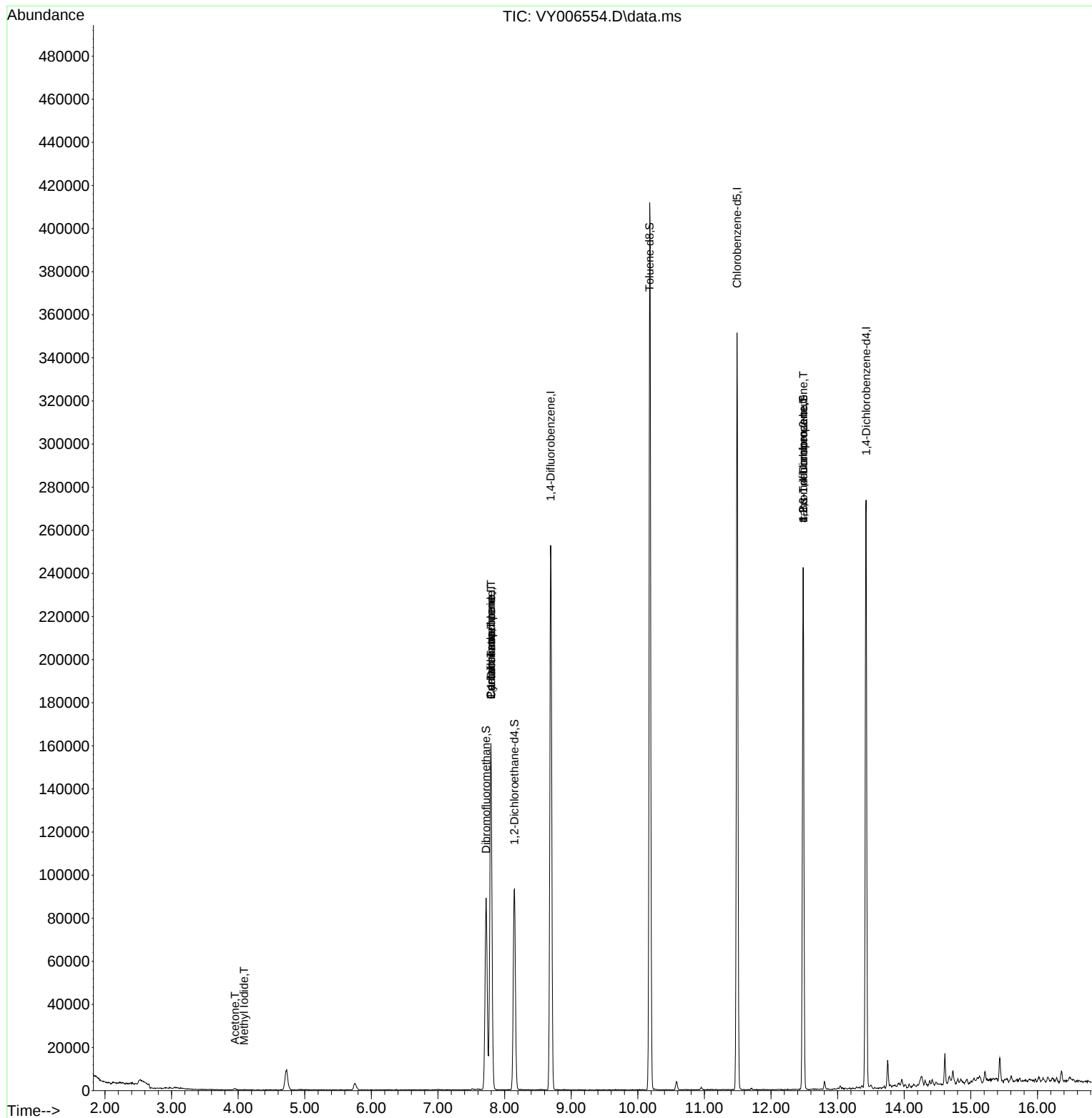
Internal Standards						
1) Pentafluorobenzene	7.795	168	120425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	169034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66502	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	76667	51.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.480%	
35) Dibromofluoromethane	7.721	113	59118	52.911	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.820%	
50) Toluene-d8	10.178	98	253071	53.430	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.860%	
62) 4-Bromofluorobenzene	12.483	95	69952	43.843	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.680%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	133	5.161	ug/l #	72
16) Acetone	3.954	43	1070	2.508	ug/l #	74
31) Cyclohexane	7.795	56	3037	1.266	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	10343	5.222	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12076	5.527	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	40240	58.720	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40240	120.550	ug/l #	7

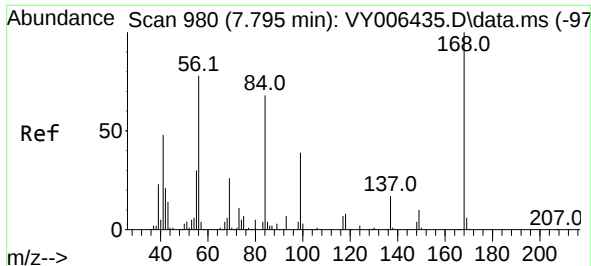
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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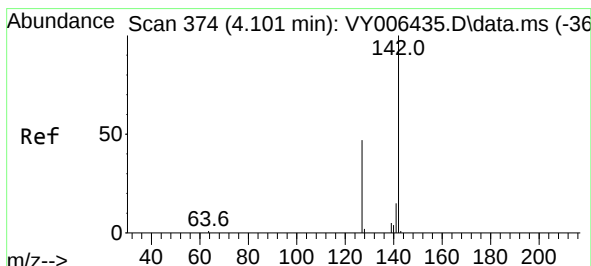
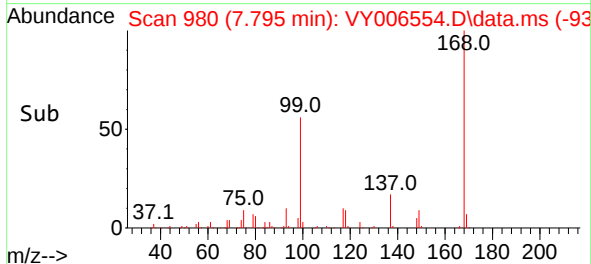
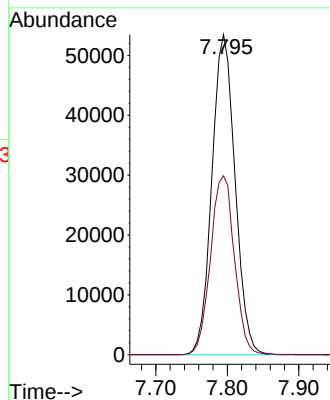
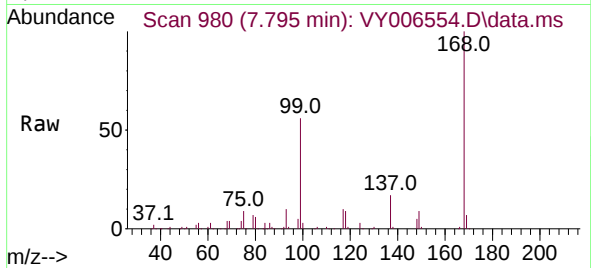




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006554.D
Acq: 01 Nov 2021 16:07

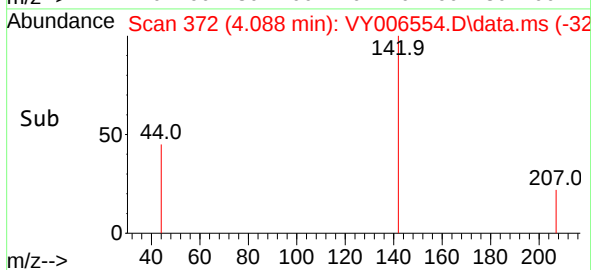
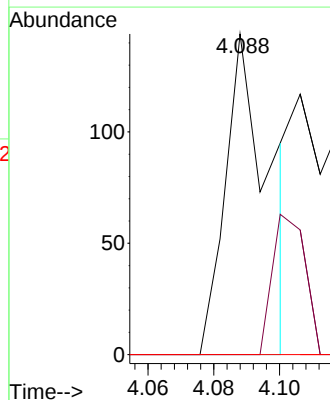
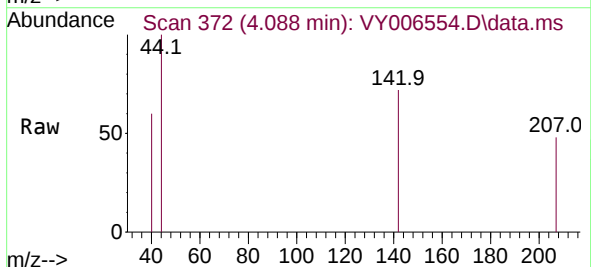
Instrument :
MSVOA_Y
ClientSampleId :

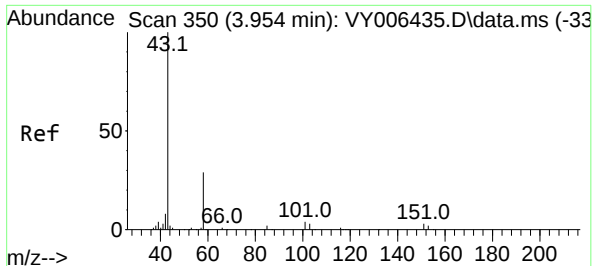
Tgt Ion:168 Resp: 120425
Ion Ratio Lower Upper
168 100
99 55.9 44.8 67.2



#10
Methyl Iodide
Concen: 5.161 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.013 min
Lab File: VY006554.D
Acq: 01 Nov 2021 16:07

Tgt Ion:142 Resp: 133
Ion Ratio Lower Upper
142 100
127 33.1 40.1 60.1#
141 0.0 12.5 18.7#





#16

Acetone

Concen: 2.508 ug/l

RT: 3.954 min Scan# 31

Delta R.T. -0.000 min

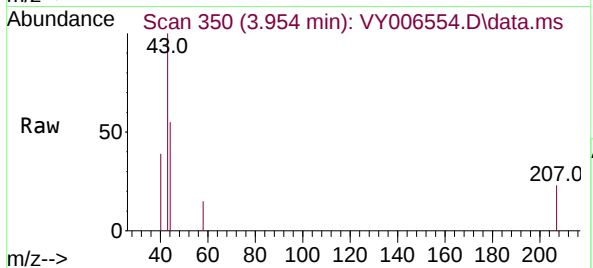
Lab File: VY006554.D

Acq: 01 Nov 2021 16:07

Instrument :

MSVOA_Y

ClientSampleId :

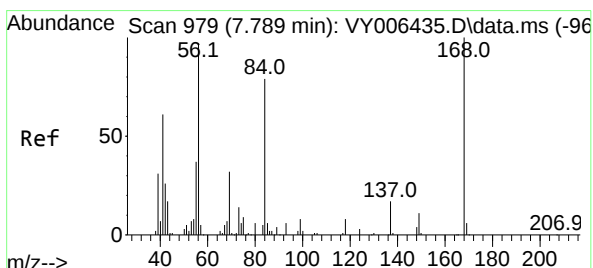
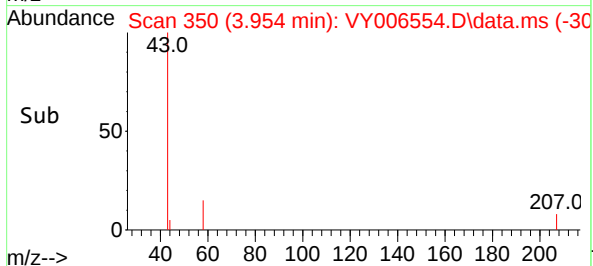
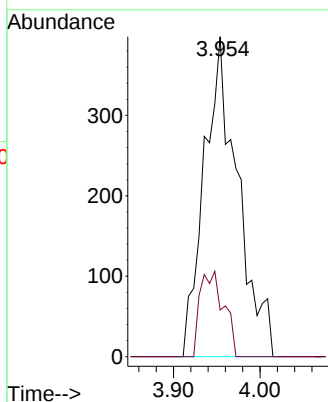


Tgt Ion: 43 Resp: 1070

Ion Ratio Lower Upper

43 100

58 14.6 22.9 34.3#



#31

Cyclohexane

Concen: 1.266 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY006554.D

Acq: 01 Nov 2021 16:07

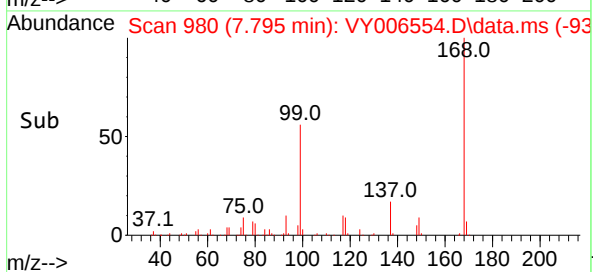
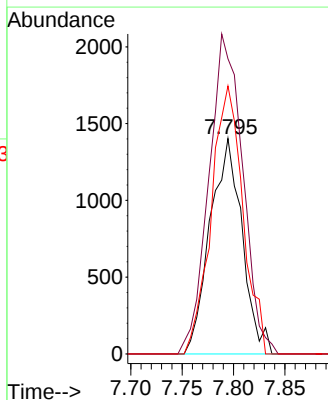
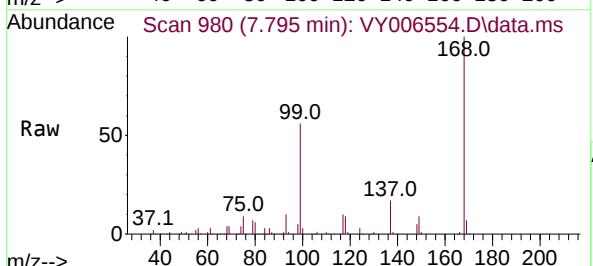
Tgt Ion: 56 Resp: 3037

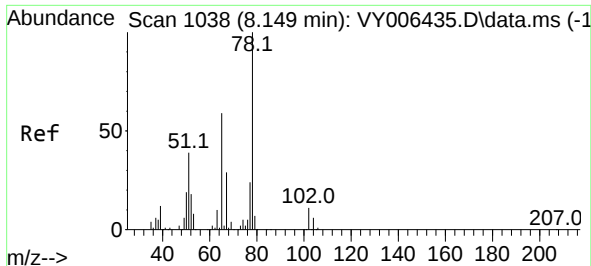
Ion Ratio Lower Upper

56 100

69 137.0 26.6 40.0#

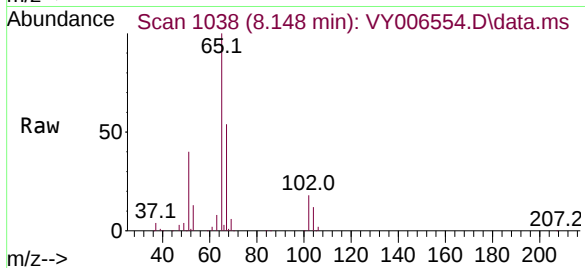
84 124.4 65.0 97.4#



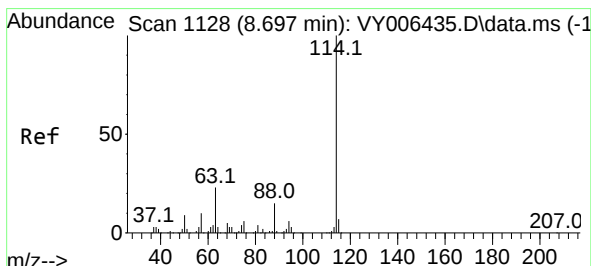
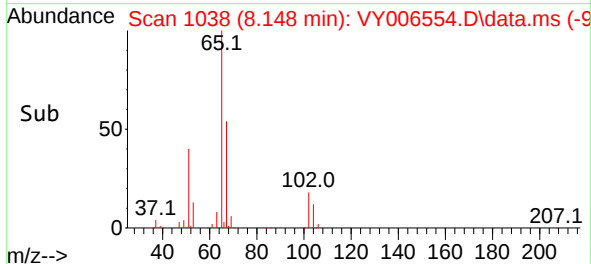
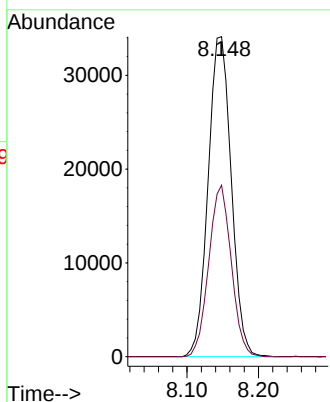


#33
 1,2-Dichloroethane-d4
 Concen: 51.735 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006554.D
 Acq: 01 Nov 2021 16:07

Instrument :
 MSVOA_Y
 ClientSampleId :

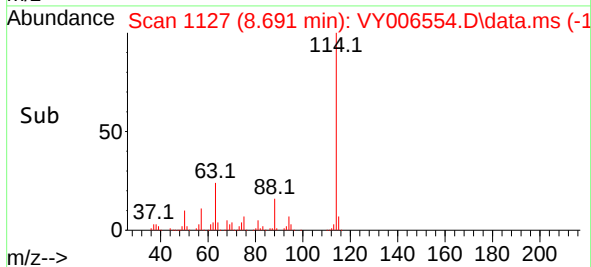
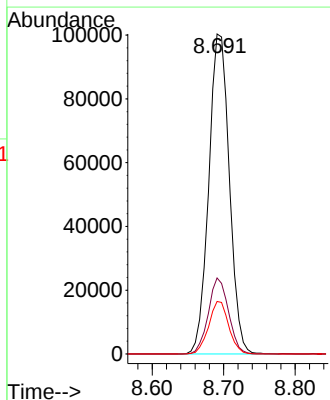
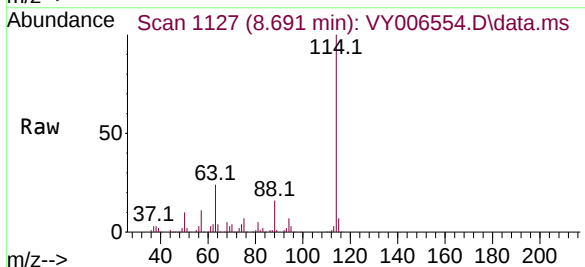


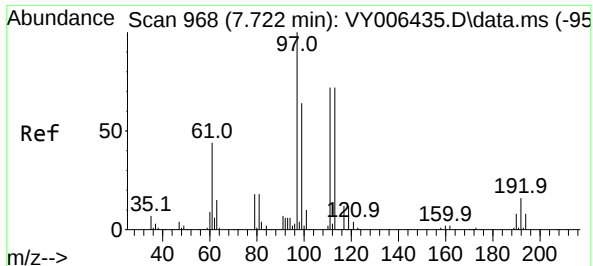
Tgt Ion: 65 Resp: 76667
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.007 min
 Lab File: VY006554.D
 Acq: 01 Nov 2021 16:07

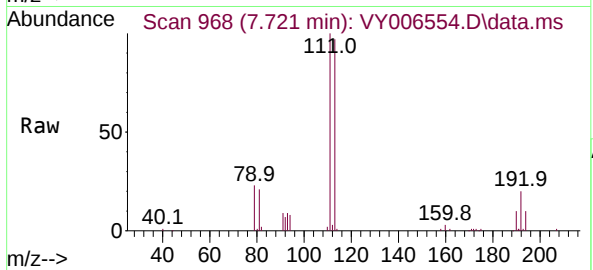
Tgt Ion: 114 Resp: 200461
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 45.0
 88 16.4 0.0 30.6



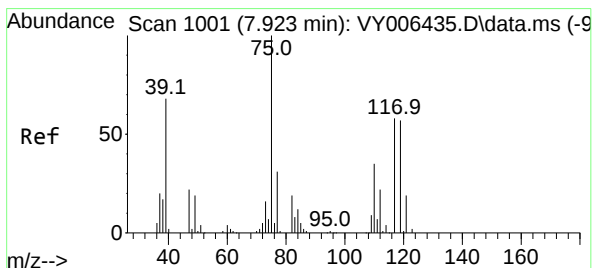
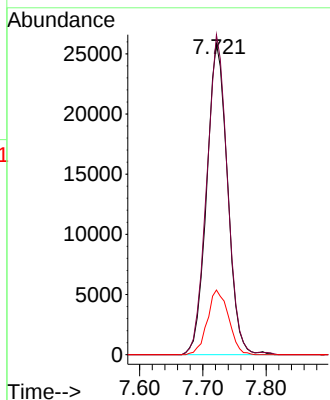
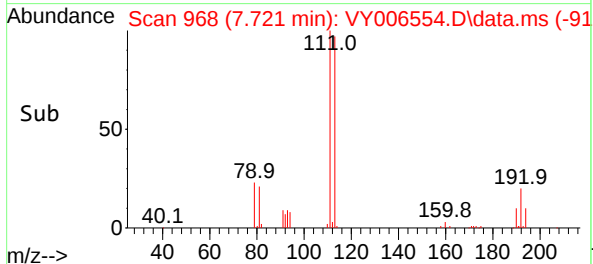


#35
Dibromofluoromethane
Concen: 52.911 ug/l
RT: 7.721 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006554.D
Acq: 01 Nov 2021 16:07

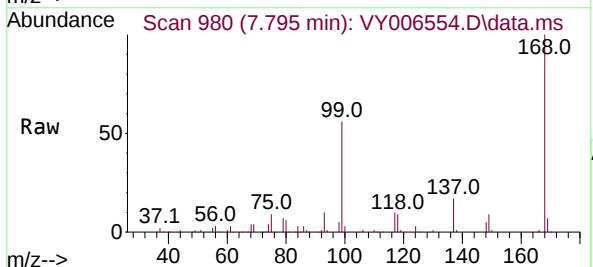
Instrument :
MSVOA_Y
ClientSampleId :



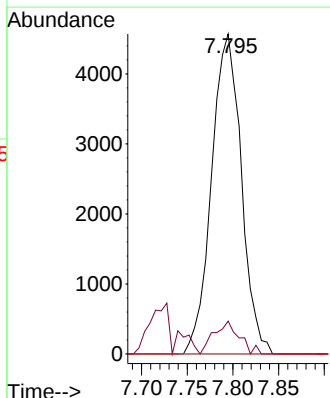
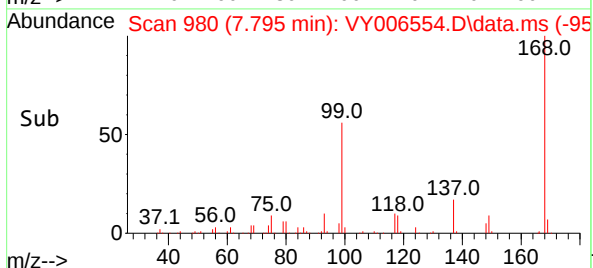
Tgt Ion:113 Resp: 59118
Ion Ratio Lower Upper
113 100
111 102.4 82.3 123.5
192 21.1 17.4 26.2

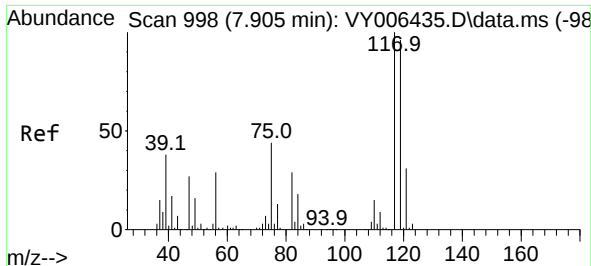


#36
1,1-Dichloropropene
Concen: 5.222 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006554.D
Acq: 01 Nov 2021 16:07



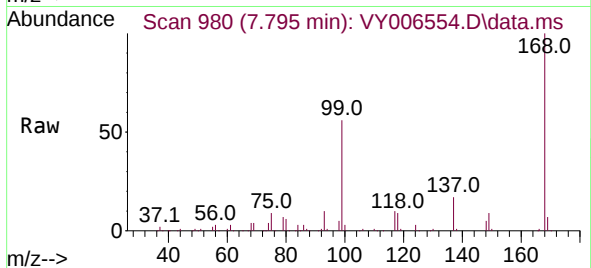
Tgt Ion: 75 Resp: 10343
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.3#
77 0.0 24.9 37.3#



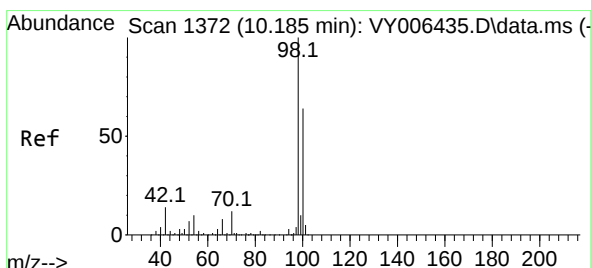
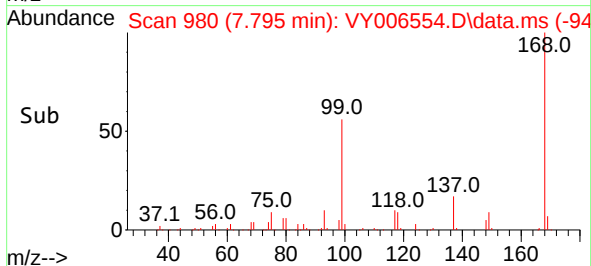
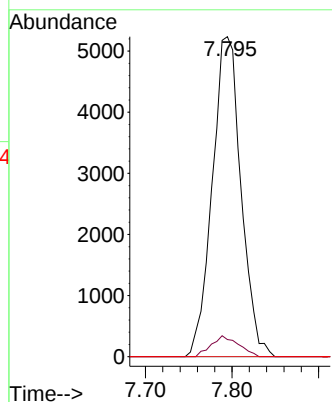


#38
Carbon Tetrachloride
Concen: 5.527 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006554.D
Acq: 01 Nov 2021 16:07

Instrument :
MSVOA_Y
ClientSampleId :

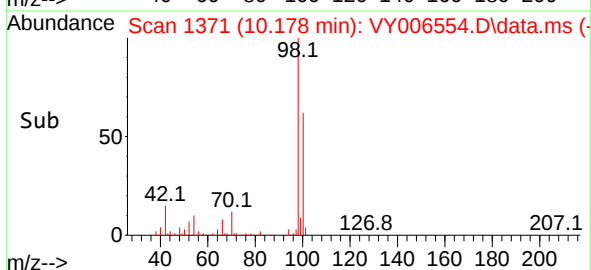
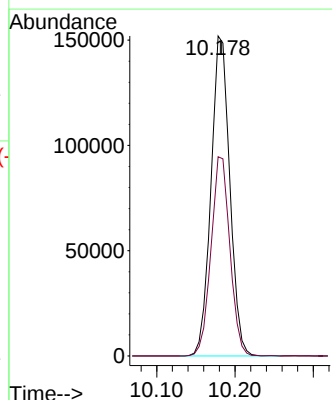
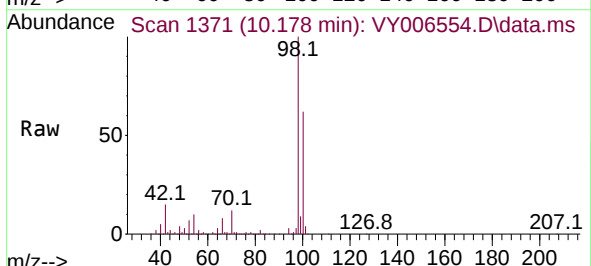


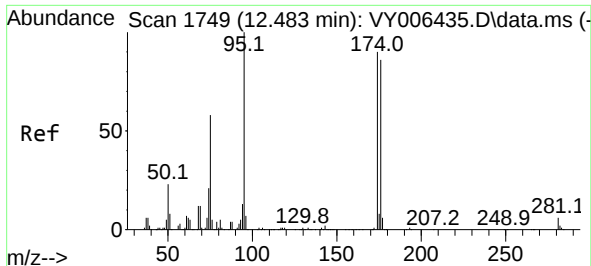
Tgt Ion:117 Resp: 12076
Ion Ratio Lower Upper
117 100
119 5.4 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.430 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.007 min
Lab File: VY006554.D
Acq: 01 Nov 2021 16:07

Tgt Ion: 98 Resp: 253071
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3

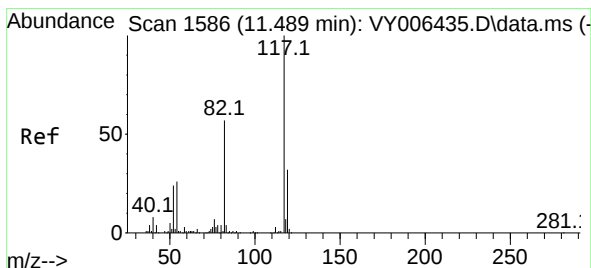
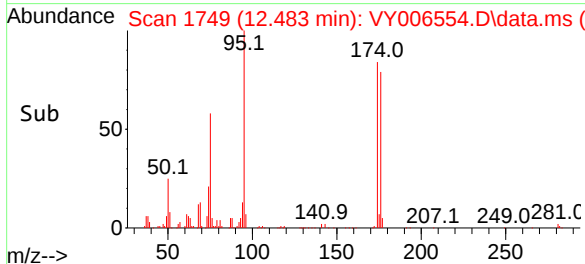
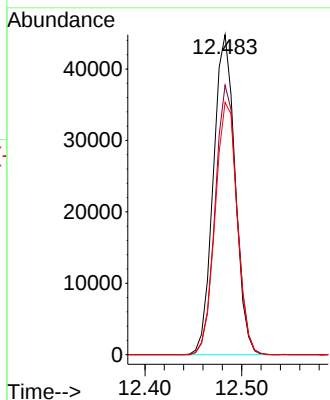
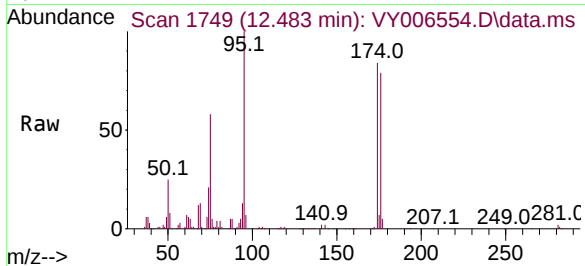




#62
4-Bromofluorobenzene
Concen: 43.843 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006554.D
Acq: 01 Nov 2021 16:07

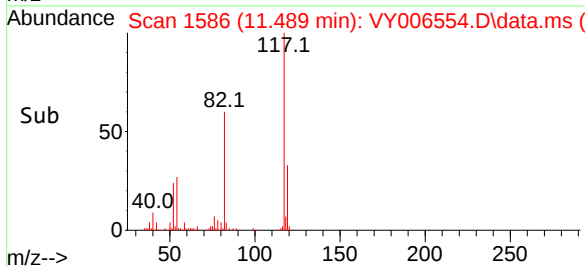
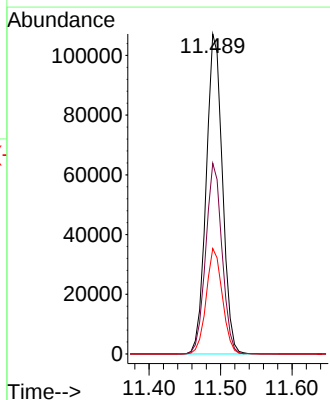
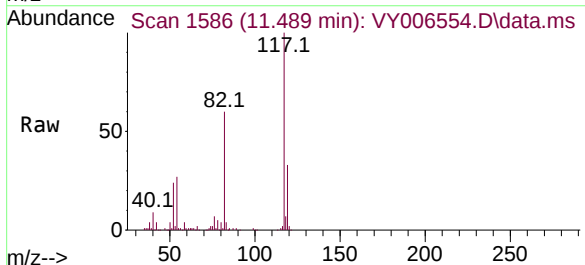
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MSVOA_Y
ClientSampleId :

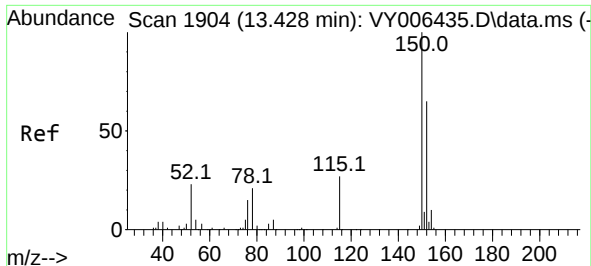
Tgt Ion: 95 Resp: 69952
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 80.0 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006554.D
Acq: 01 Nov 2021 16:07

Tgt Ion: 117 Resp: 169034
Ion Ratio Lower Upper
117 100
82 59.6 45.7 68.5
119 32.9 25.5 38.3

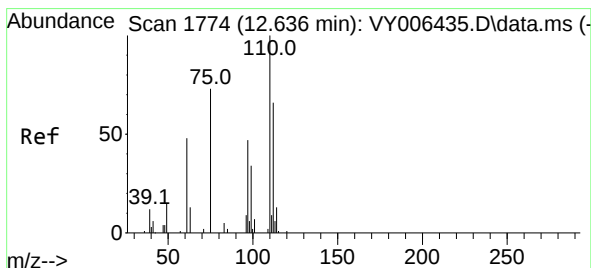
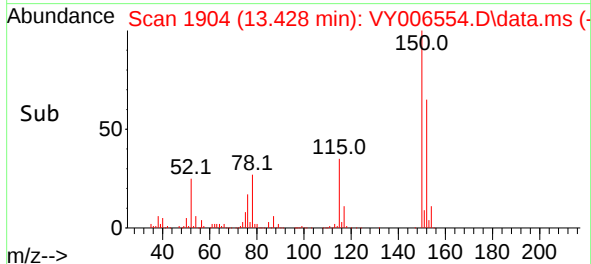
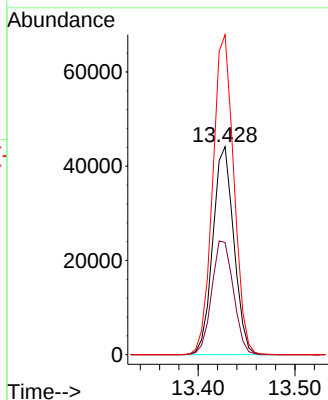
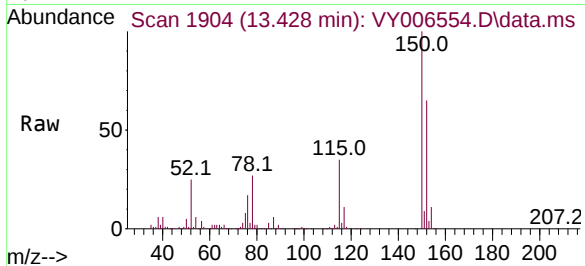




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006554.D
 Acq: 01 Nov 2021 16:07

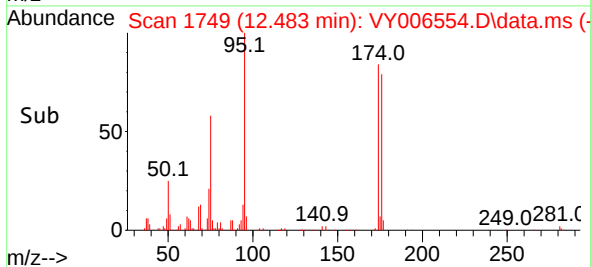
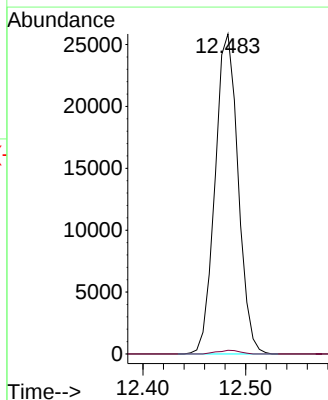
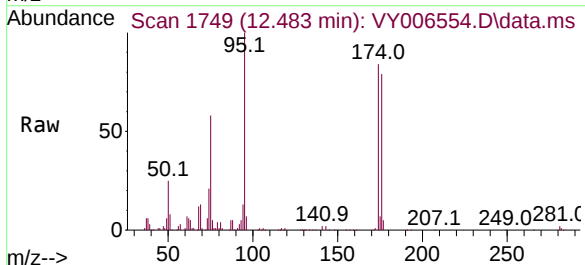
Instrument :
 MSVOA_Y
 ClientSampleId :

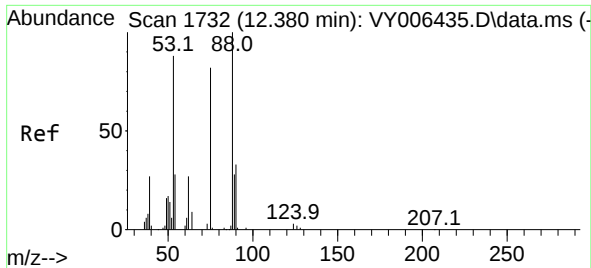
Tgt Ion:152 Resp: 66502
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.5 85.5
 150 155.0 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 58.720 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006554.D
 Acq: 01 Nov 2021 16:07

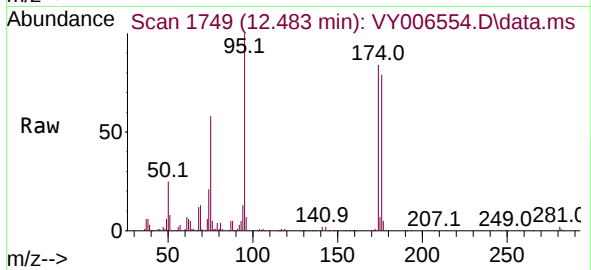
Tgt Ion: 75 Resp: 40240
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.550 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY006554.D
 Acq: 01 Nov 2021 16:07

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.8	128.6#
89	0.1	39.3	58.9#

