

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006562.D
 Acq On : 01 Nov 2021 19:16
 Operator : SY/MD
 Sample : M4429-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 02 03:31:40 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)

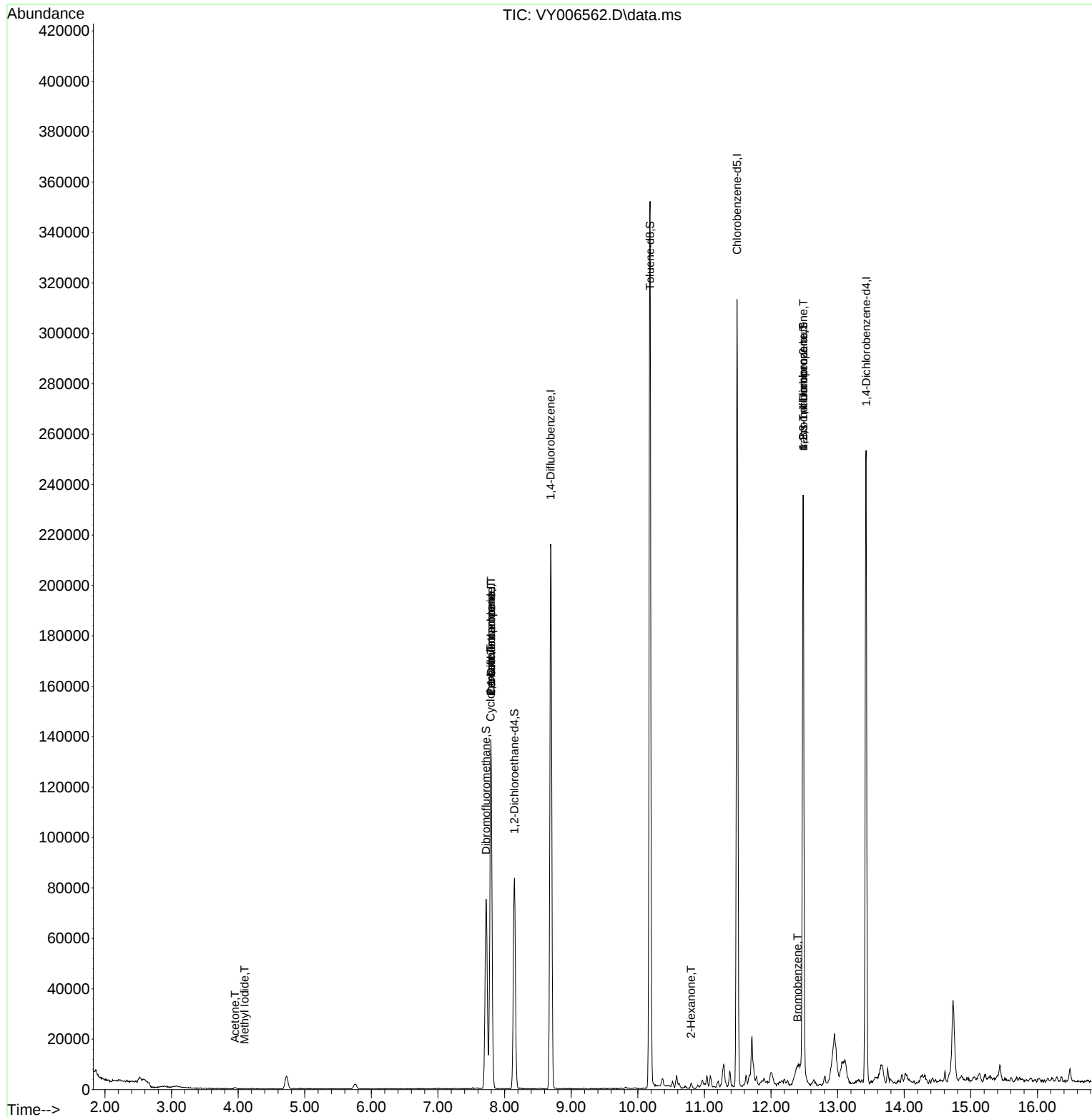
Internal Standards						
1) Pentafluorobenzene	7.795	168	103202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	172332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	152735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	68323	53.799	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.600%	
35) Dibromofluoromethane	7.722	113	51332	53.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.880%	
50) Toluene-d8	10.185	98	221185	54.321	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.640%	
62) 4-Bromofluorobenzene	12.483	95	65132	47.485	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.980%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	44	5.099	ug/l #	36
16) Acetone	3.954	43	1016	2.778	ug/l	94
20) Methylene Chloride	4.722	84	3325	Below Cal	#	86
31) Cyclohexane	7.789	56	2694	1.310	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8738	5.132	ug/l #	49
38) Carbon Tetrachloride	7.795	117	10004	5.326	ug/l #	17
59) 2-Hexanone	10.801	43	876	1.104	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	38001	61.142	ug/l #	100
77) Bromobenzene	12.398	156	4861	4.890	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	38001	125.522	ug/l #	7

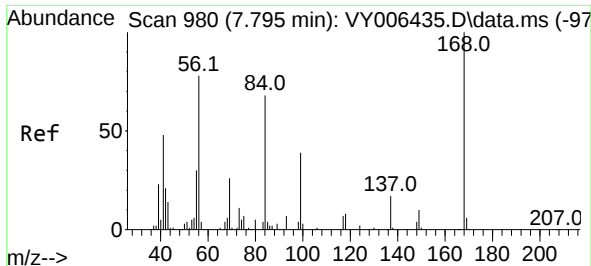
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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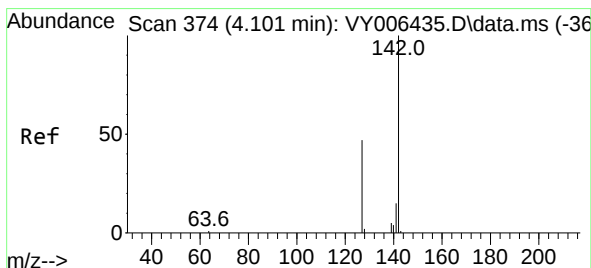
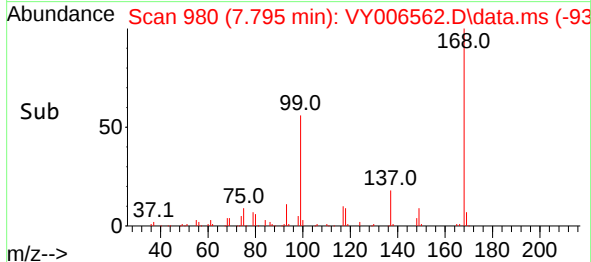
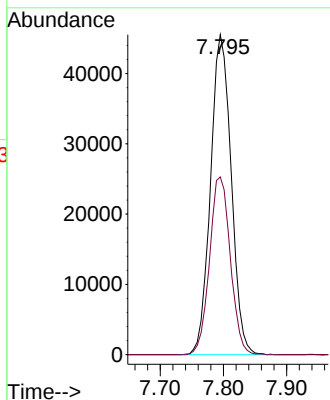
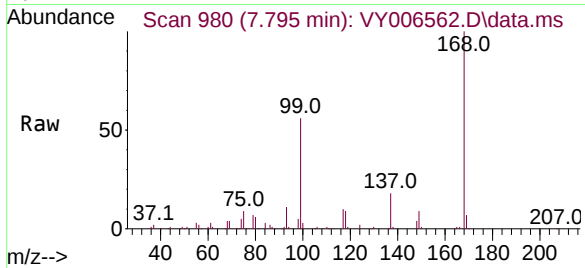




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006562.D
Acq: 01 Nov 2021 19:16

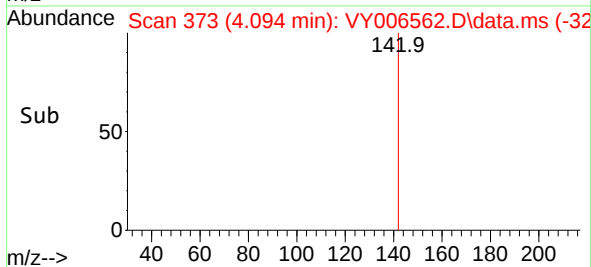
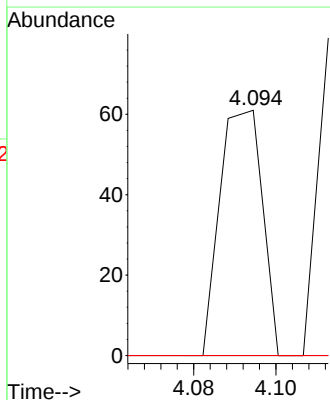
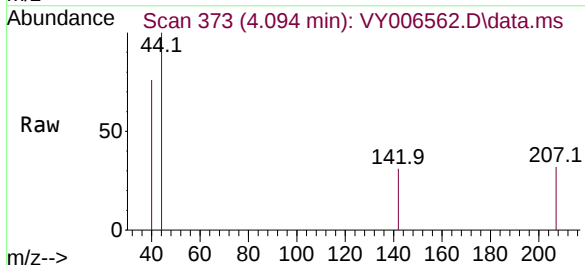
Instrument :
MSVOA_Y
ClientSampleId :

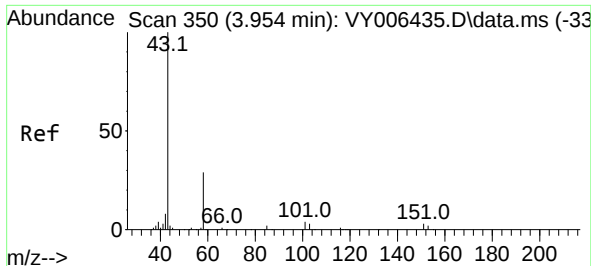
Tgt Ion:168 Resp: 103202
Ion Ratio Lower Upper
168 100
99 55.5 44.8 67.2



#10
Methyl Iodide
Concen: 5.099 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.007 min
Lab File: VY006562.D
Acq: 01 Nov 2021 19:16

Tgt Ion:142 Resp: 44
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#





#16

Acetone

Concen: 2.778 ug/l

RT: 3.954 min Scan# 31

Delta R.T. -0.000 min

Lab File: VY006562.D

Acq: 01 Nov 2021 19:16

Instrument :

MSVOA_Y

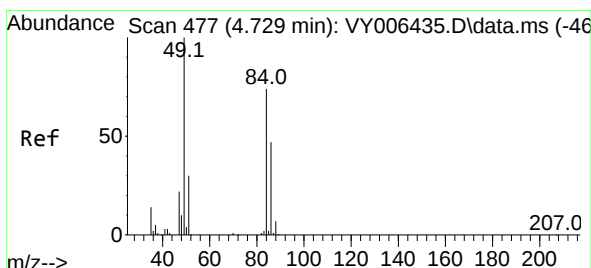
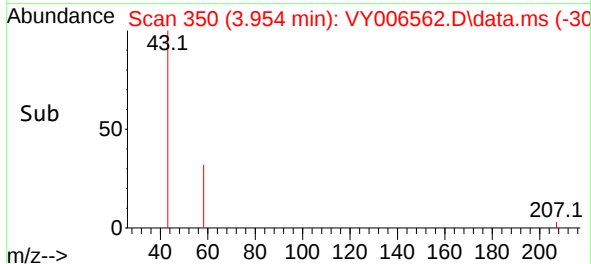
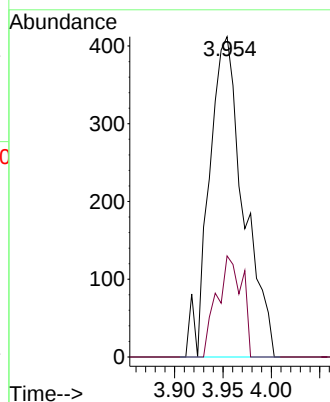
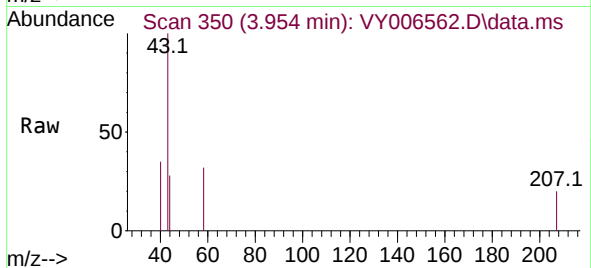
ClientSampleId :

Tgt Ion: 43 Resp: 1016

Ion Ratio Lower Upper

43 100

58 31.6 22.9 34.3



#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

Lab File: VY006562.D

Acq: 01 Nov 2021 19:16

Tgt Ion: 84 Resp: 3325

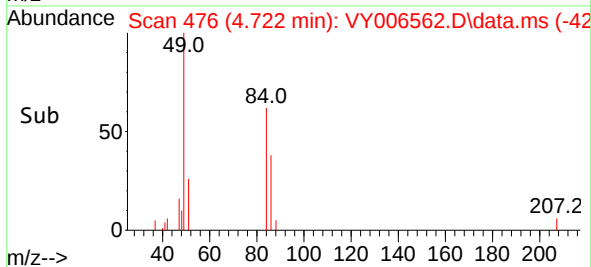
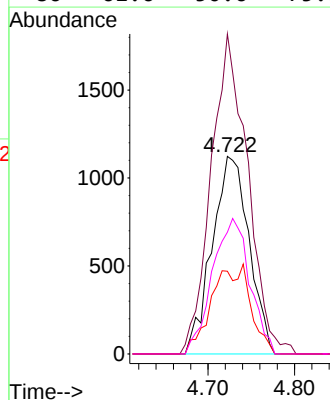
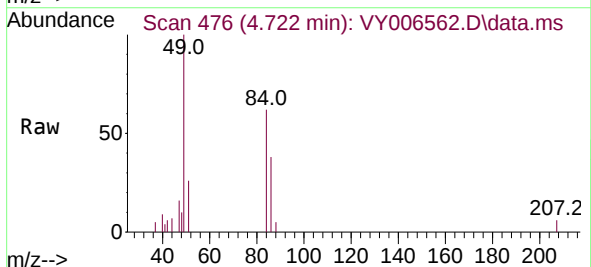
Ion Ratio Lower Upper

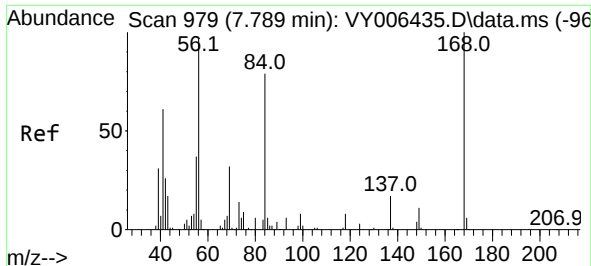
84 100

49 162.0 107.8 161.8#

51 41.9 32.8 49.2

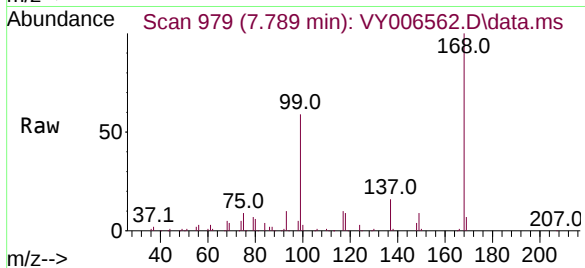
86 61.6 50.6 75.8



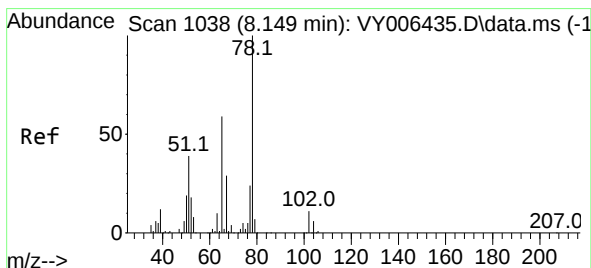
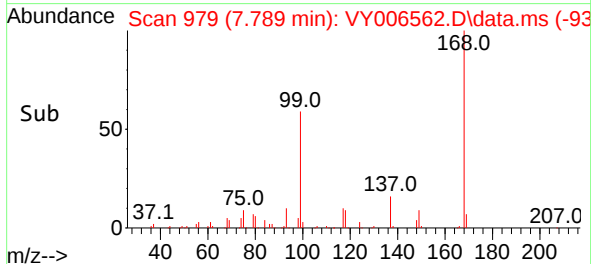
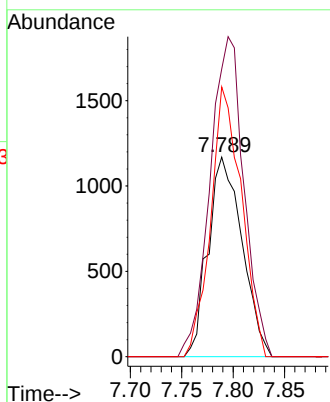


#31
Cyclohexane
Concen: 1.310 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006562.D
Acq: 01 Nov 2021 19:16

Instrument :
MSVOA_Y
ClientSampleId :

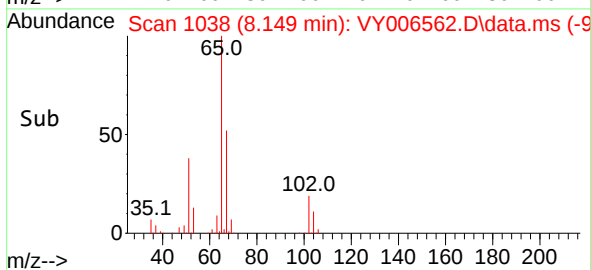
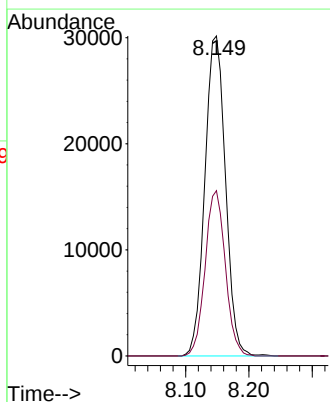
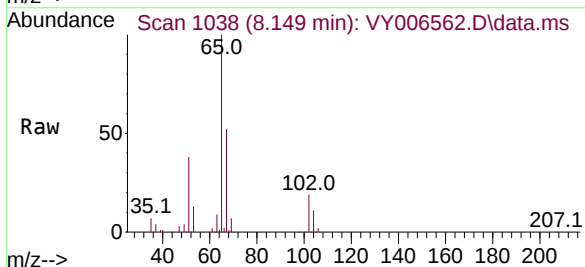


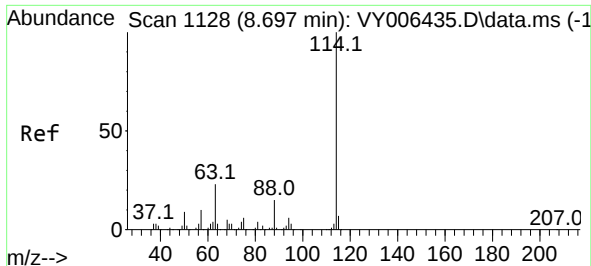
Tgt Ion: 56 Resp: 2694
Ion Ratio Lower Upper
56 100
69 144.2 26.6 40.0#
84 135.2 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 53.799 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006562.D
Acq: 01 Nov 2021 19:16

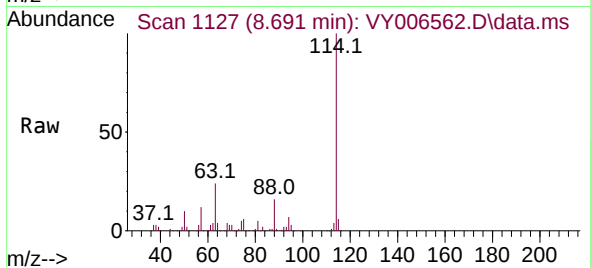
Tgt Ion: 65 Resp: 68323
Ion Ratio Lower Upper
65 100
67 50.6 0.0 98.2



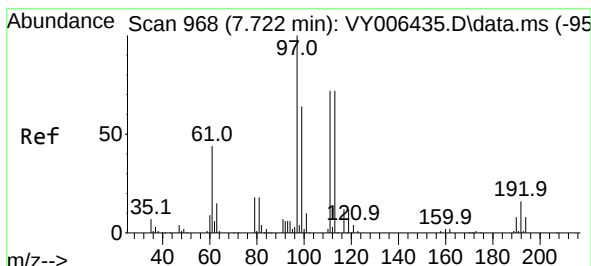
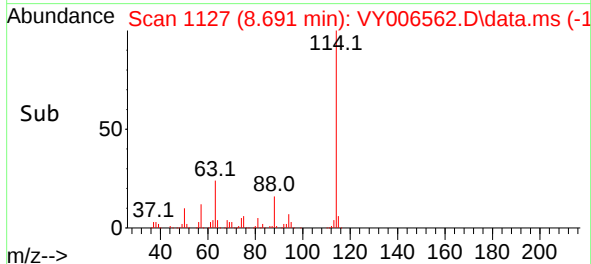
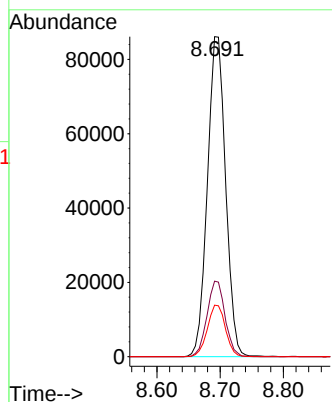


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY006562.D
Acq: 01 Nov 2021 19:16

Instrument :
MSVOA_Y
ClientSampleId :

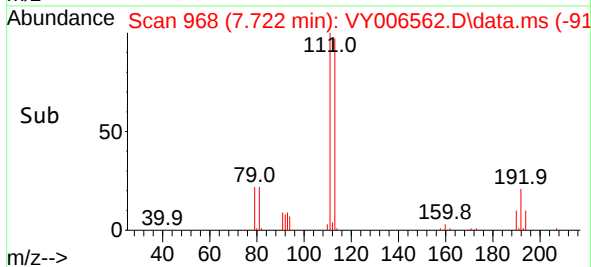
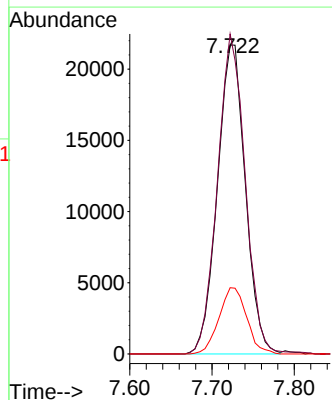
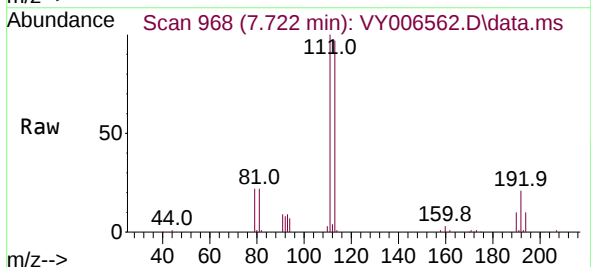


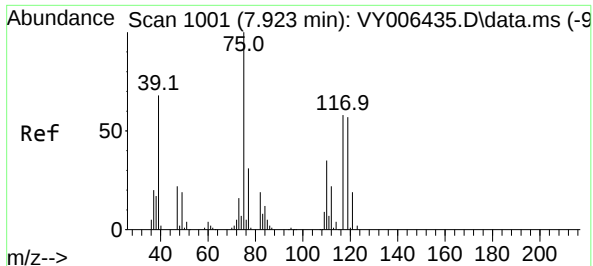
Tgt Ion:114 Resp: 172332
Ion Ratio Lower Upper
114 100
63 23.6 0.0 45.0
88 16.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.441 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006562.D
Acq: 01 Nov 2021 19:16

Tgt Ion:113 Resp: 51332
Ion Ratio Lower Upper
113 100
111 102.7 82.3 123.5
192 21.2 17.4 26.2





#36

1,1-Dichloropropene

Concen: 5.132 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY006562.D

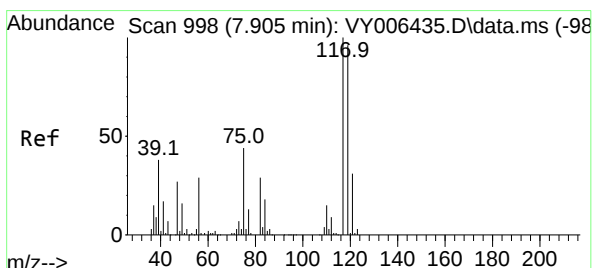
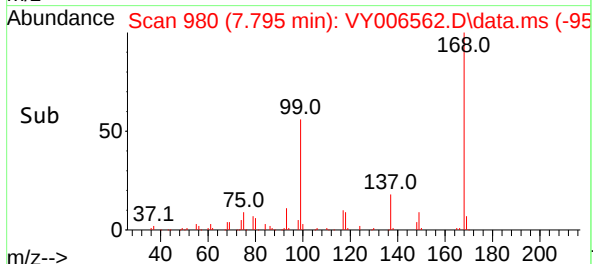
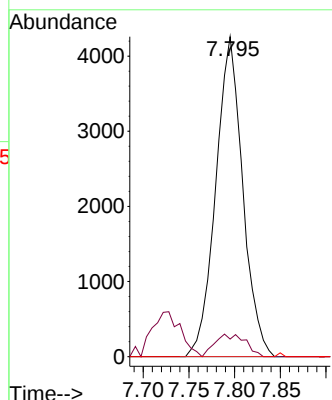
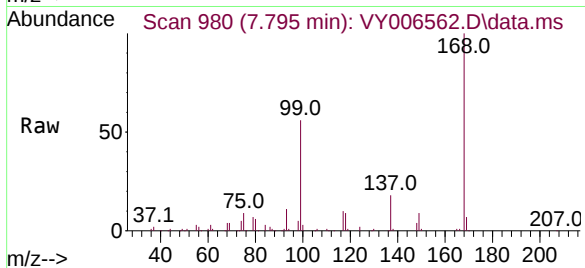
Acq: 01 Nov 2021 19:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	8738
Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.1	51.3#
77	0.0	24.9	37.3#



#38

Carbon Tetrachloride

Concen: 5.326 ug/l

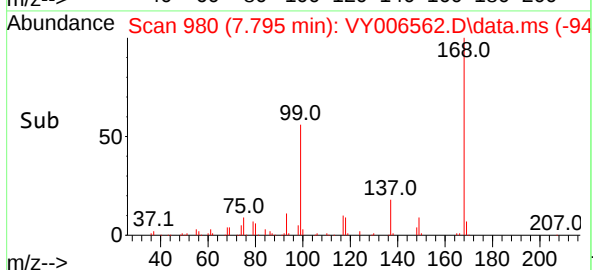
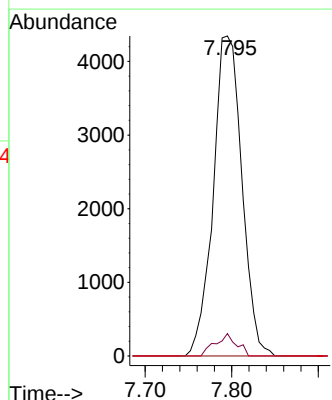
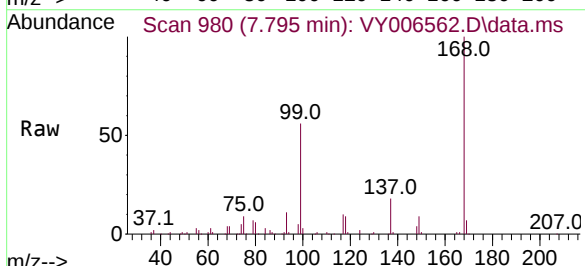
RT: 7.795 min Scan# 980

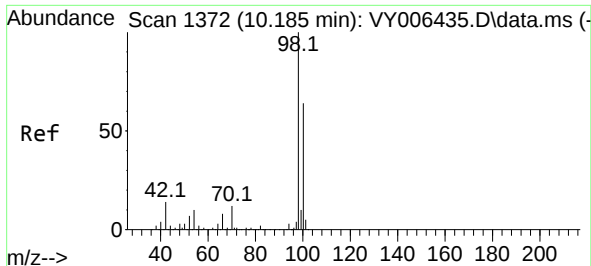
Delta R.T. -0.110 min

Lab File: VY006562.D

Acq: 01 Nov 2021 19:16

Tgt Ion:	117	Resp:	10004
Ion	Ratio	Lower	Upper
117	100		
119	7.0	76.6	115.0#
121	0.0	24.7	37.1#

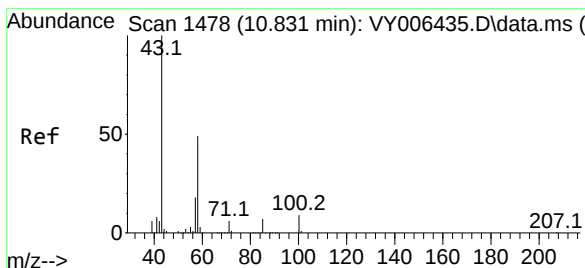
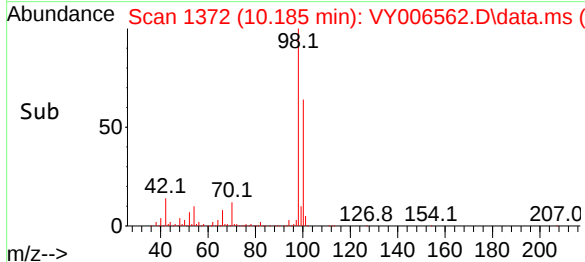
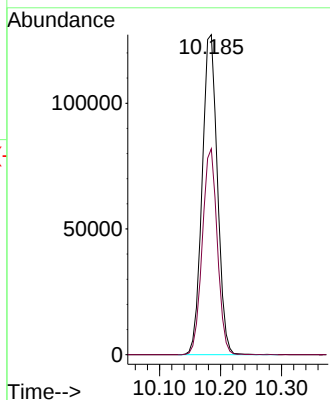
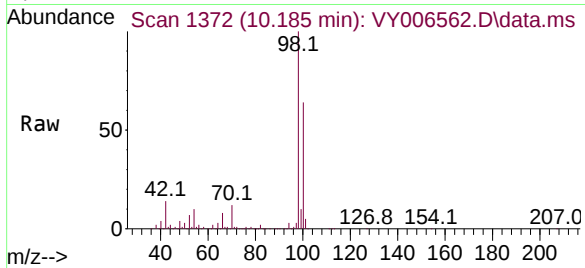




#50
Toluene-d8
Concen: 54.321 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006562.D
Acq: 01 Nov 2021 19:16

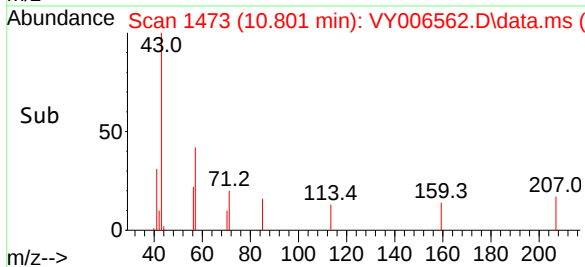
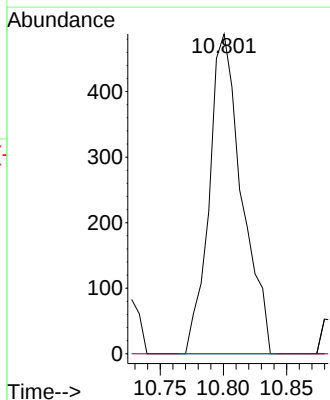
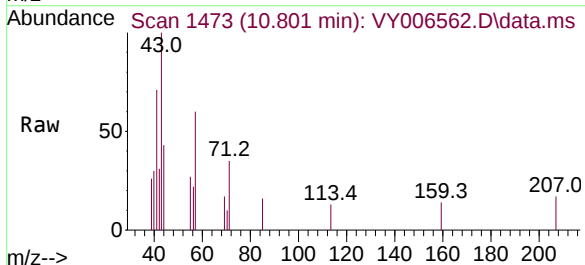
Instrument :
MSVOA_Y
ClientSampleId :

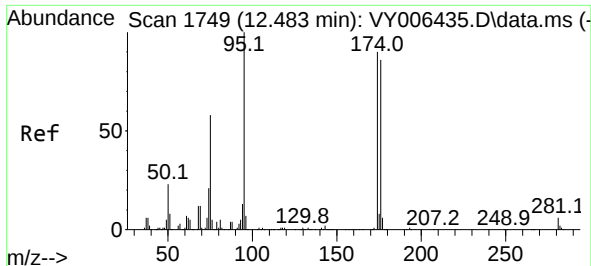
Tgt Ion: 98 Resp: 221185
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#59
2-Hexanone
Concen: 1.104 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.031 min
Lab File: VY006562.D
Acq: 01 Nov 2021 19:16

Tgt Ion: 43 Resp: 876
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

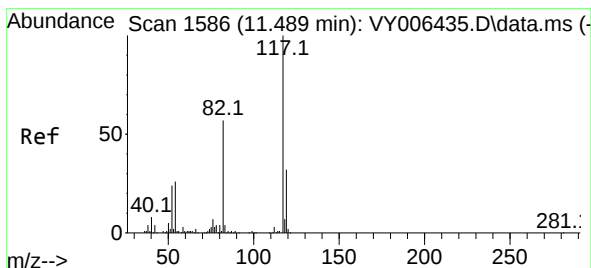
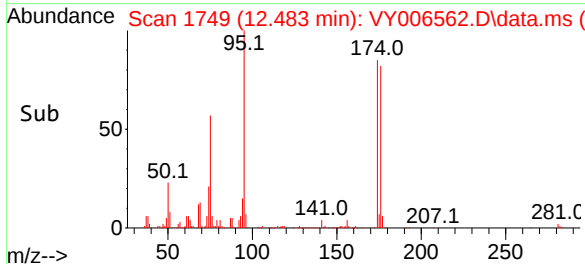
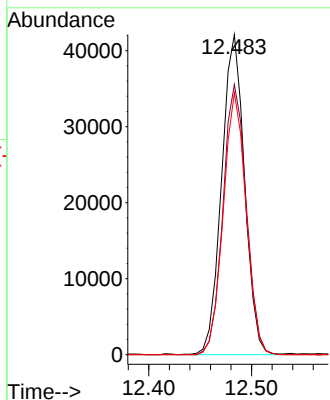
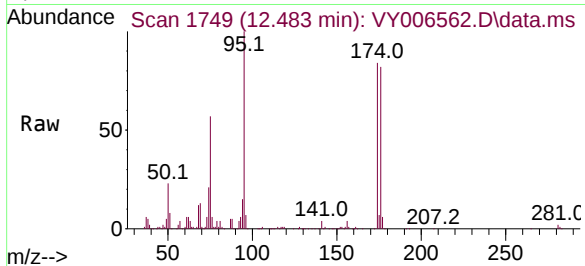




#62
4-Bromofluorobenzene
Concen: 47.485 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006562.D
Acq: 01 Nov 2021 19:16

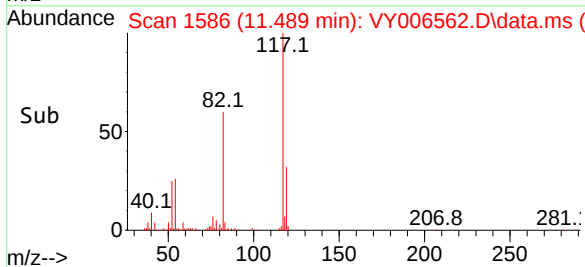
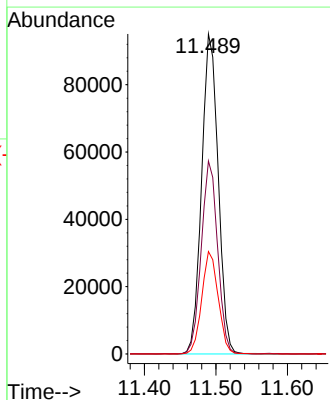
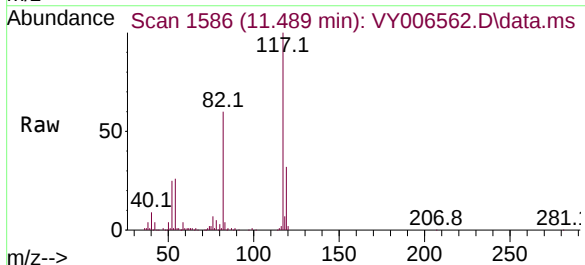
Instrument :
MSVOA_Y
ClientSampleId :

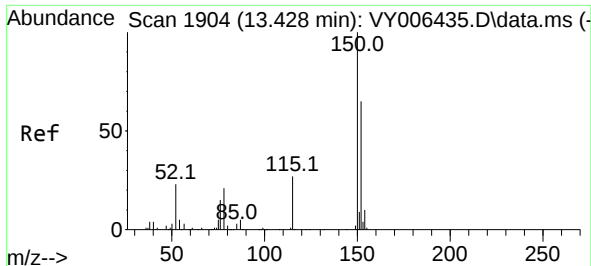
Tgt Ion: 95 Resp: 65132
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 81.6 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006562.D
Acq: 01 Nov 2021 19:16

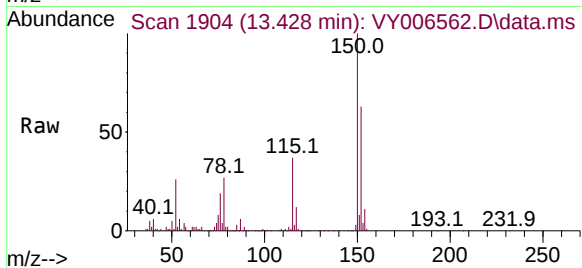
Tgt Ion: 117 Resp: 152735
Ion Ratio Lower Upper
117 100
82 60.3 45.7 68.5
119 32.0 25.5 38.3



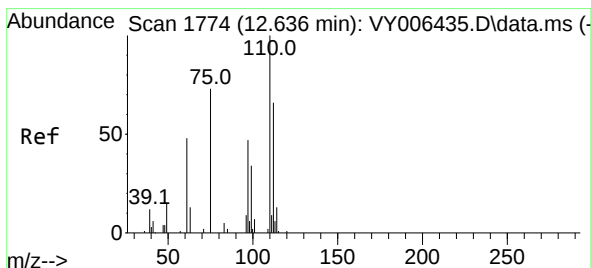
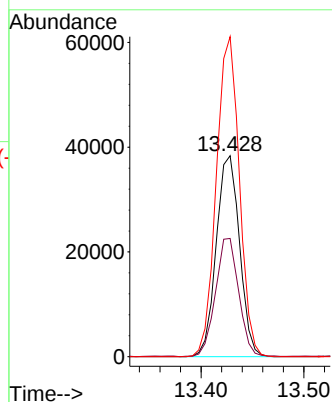
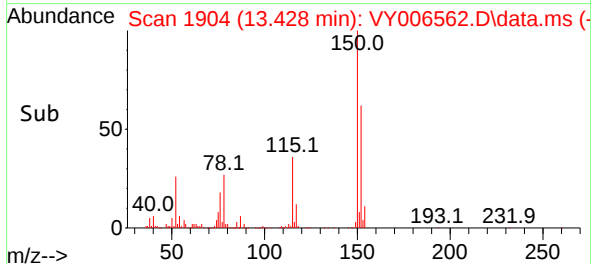


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006562.D
 Acq: 01 Nov 2021 19:16

Instrument :
 MSVOA_Y
 ClientSampleId :

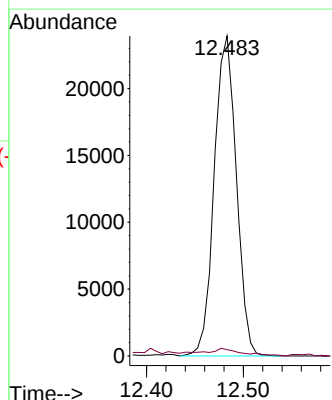
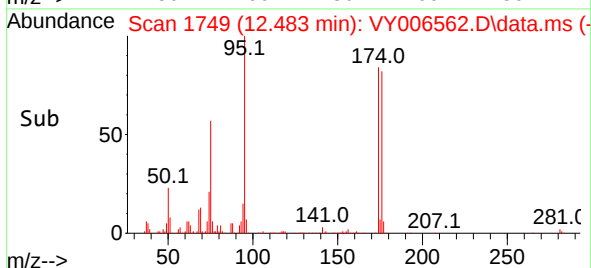
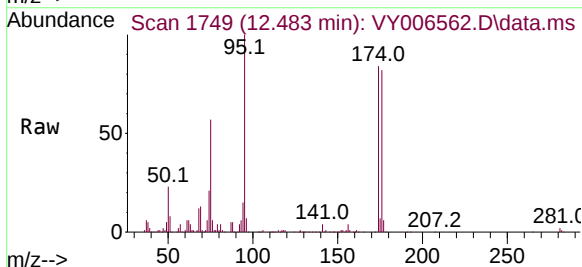


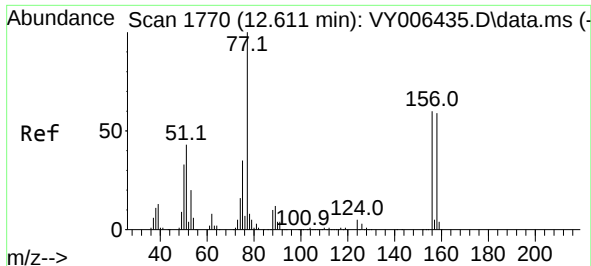
Tgt Ion:152 Resp: 60314
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.5 85.5
 150 157.1 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 61.142 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006562.D
 Acq: 01 Nov 2021 19:16

Tgt Ion: 75 Resp: 38001
 Ion Ratio Lower Upper
 75 100
 77 2.8 0.0 0.0#

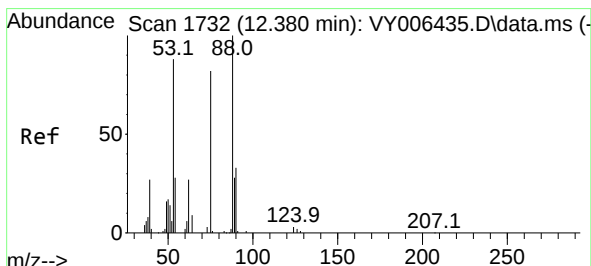
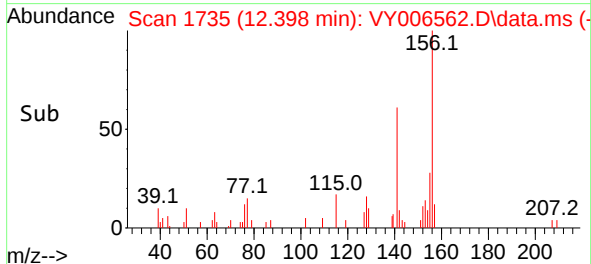
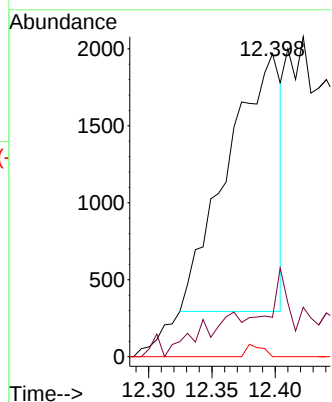
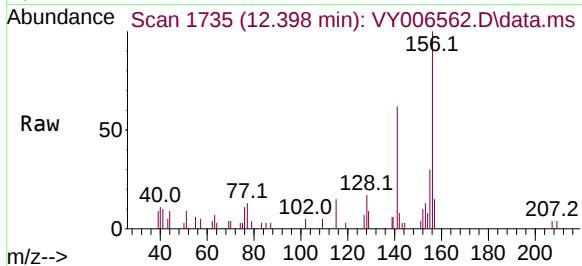




#77
Bromobenzene
Concen: 4.890 ug/l
RT: 12.398 min Scan# 11
Delta R.T. -0.213 min
Lab File: VY006562.D
Acq: 01 Nov 2021 19:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:156 Resp: 4861
Ion Ratio Lower Upper
156 100
77 6.3 94.2 282.4#
158 0.0 48.6 145.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.522 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006562.D
Acq: 01 Nov 2021 19:16

Tgt Ion: 75 Resp: 38001
Ion Ratio Lower Upper
75 100
53 0.1 85.8 128.6#
89 0.4 39.3 58.9#

