

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006654.D
 Acq On : 05 Nov 2021 14:03
 Operator : SY/MD
 Sample : M4498-07
 Misc : 5.05G/10ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 20:38:34 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)

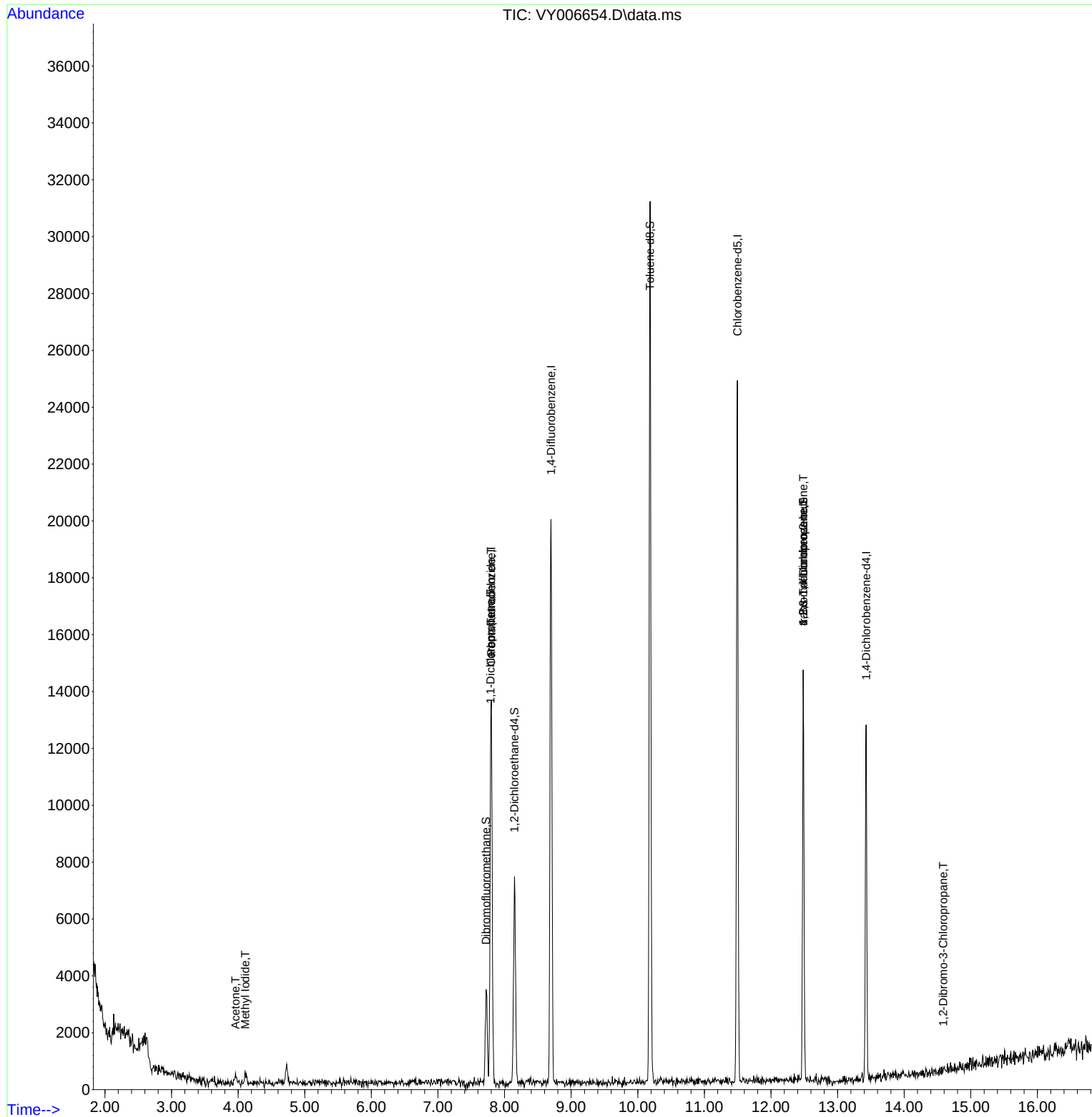
Internal Standards						
1) Pentafluorobenzene	7.801	168	11043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	15857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	12505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5923	43.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.180%
35) Dibromofluoromethane	7.722	113	2208	24.982	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	49.960%#
50) Toluene-d8	10.185	98	19812	52.879	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.760%
62) 4-Bromofluorobenzene	12.483	95	4062	32.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.360%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	230	6.960	ug/l #	81
16) Acetone	3.961	43	369	9.430	ug/l #	46
20) Methylene Chloride	4.729	84	374	Below Cal	#	64
36) 1,1-Dichloropropene	7.789	75	706	4.506	ug/l #	42
38) Carbon Tetrachloride	7.795	117	1004	5.809	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	2360	67.858	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2360	139.310	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.587	75	20	2.305	ug/l #	5

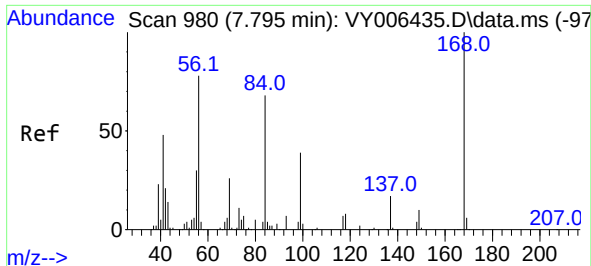
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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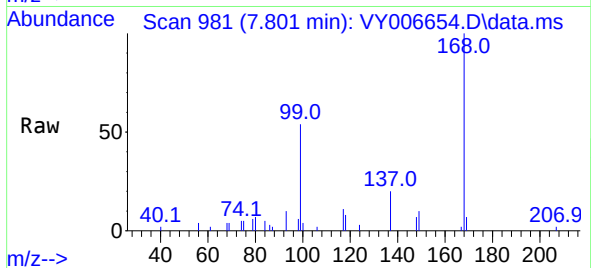
Quant Time: Nov 06 20:38:34 2021
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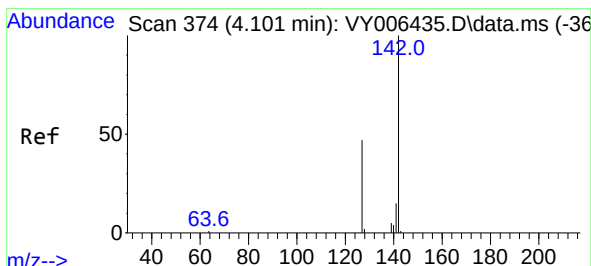
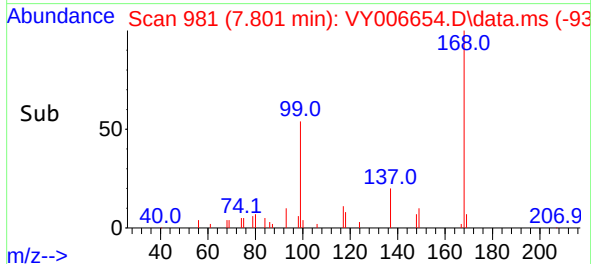
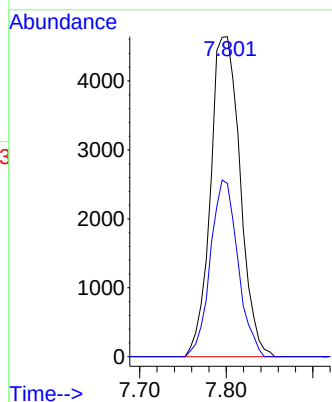


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

Instrument :
MSVOA_Y
ClientSampleId :

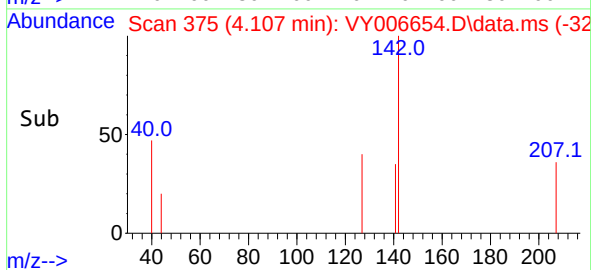
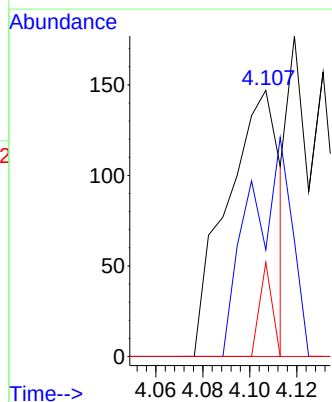
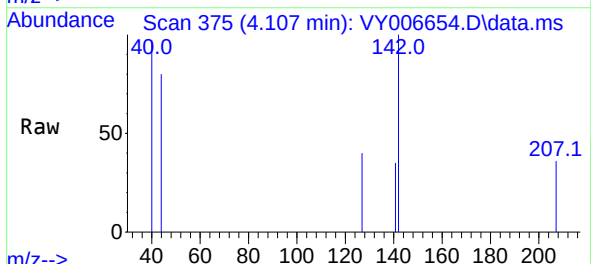


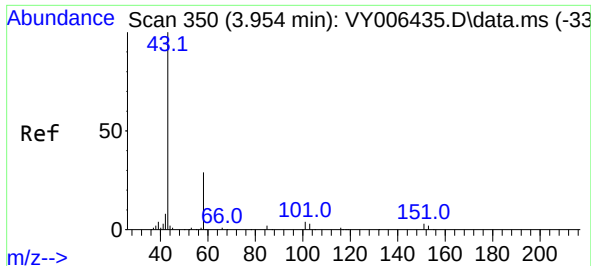
Tgt Ion:168 Resp: 11043
Ion Ratio Lower Upper
168 100
99 54.2 44.8 67.2



#10
Methyl Iodide
Concen: 6.960 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

Tgt Ion:142 Resp: 230
Ion Ratio Lower Upper
142 100
127 63.9 40.1 60.1#
141 8.3 12.5 18.7#

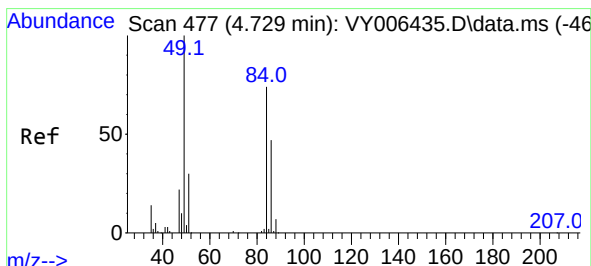
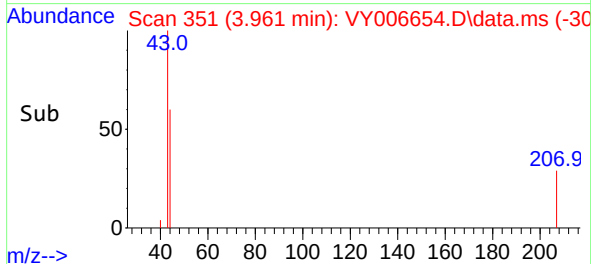
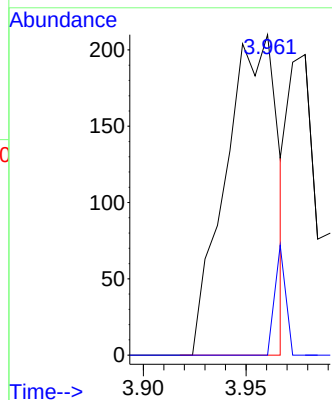
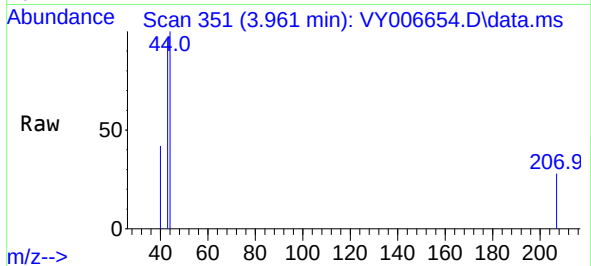




#16
Acetone
Concen: 9.430 ug/l
RT: 3.961 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

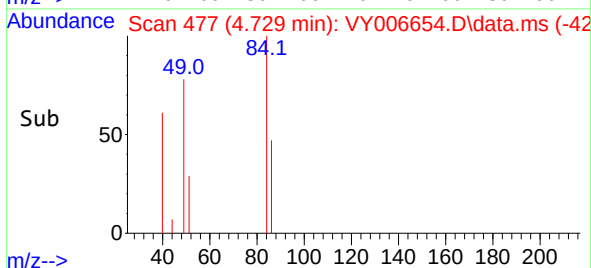
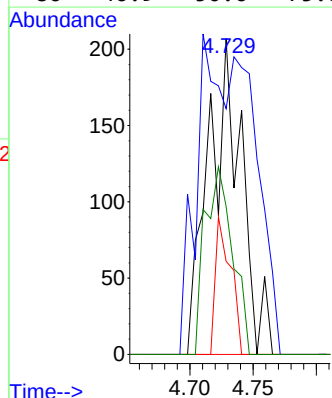
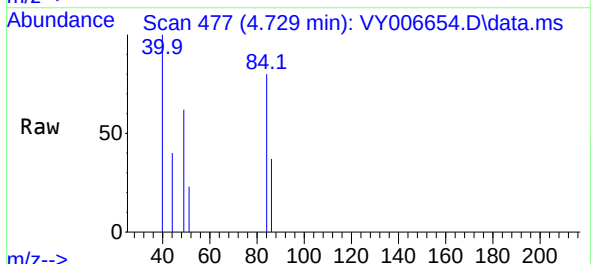
Instrument :
MSVOA_Y
ClientSampleId :

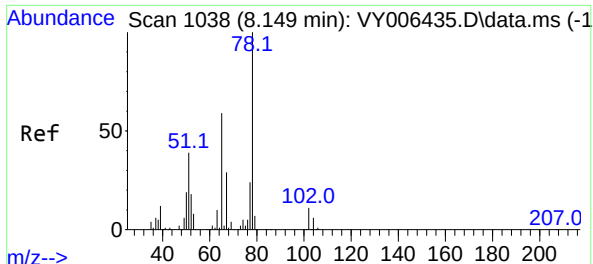
Tgt Ion: 43 Resp: 369
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

Tgt Ion: 84 Resp: 374
Ion Ratio Lower Upper
84 100
49 77.8 107.8 161.8#
51 29.5 32.8 49.2#
86 46.9 50.6 75.8#





#33

1,2-Dichloroethane-d4

Concen: 43.586 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006654.D

Acq: 05 Nov 2021 14:03

Instrument :

MSVOA_Y

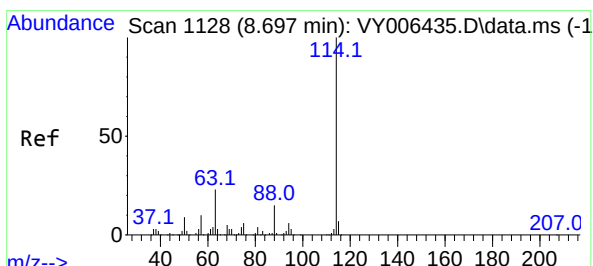
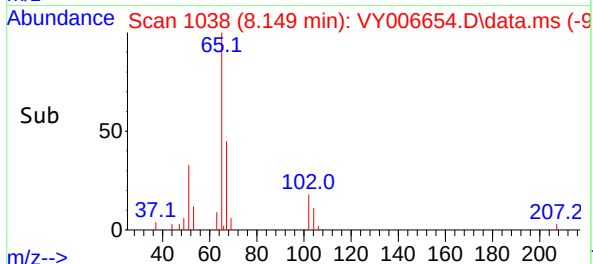
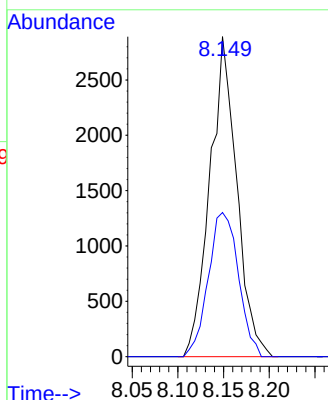
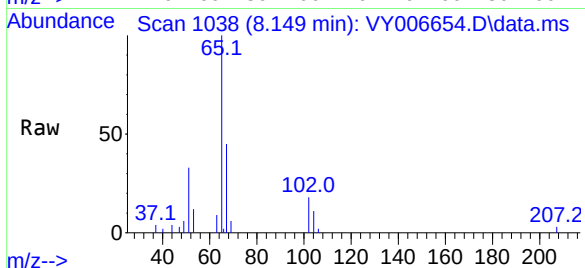
ClientSampleId :

Tgt Ion: 65 Resp: 5923

Ion Ratio Lower Upper

65 100

67 50.4 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006654.D

Acq: 05 Nov 2021 14:03

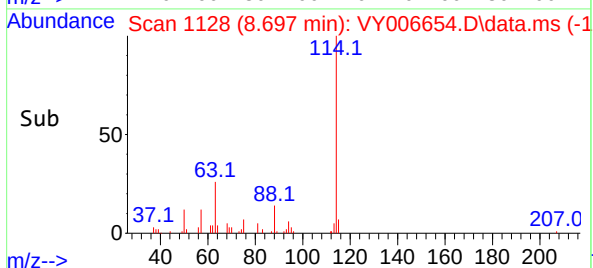
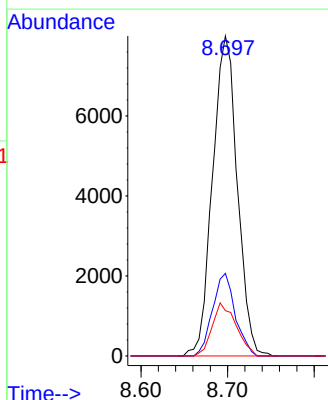
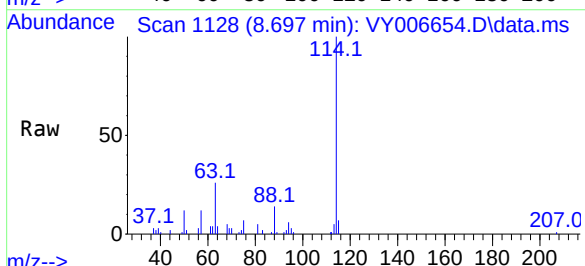
Tgt Ion: 114 Resp: 15857

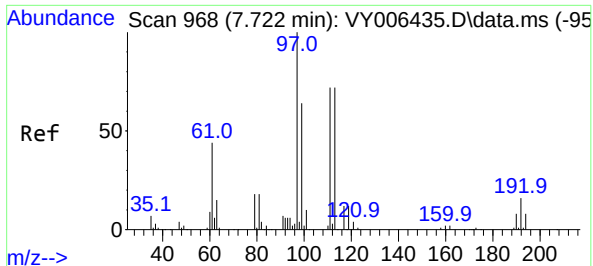
Ion Ratio Lower Upper

114 100

63 25.8 0.0 45.0

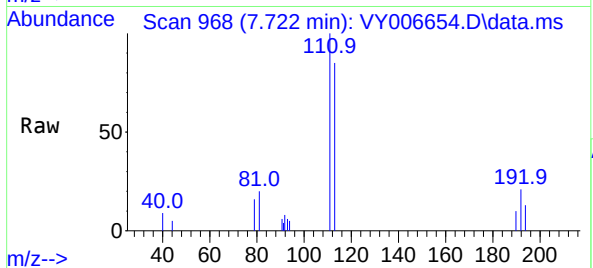
88 14.1 0.0 30.6



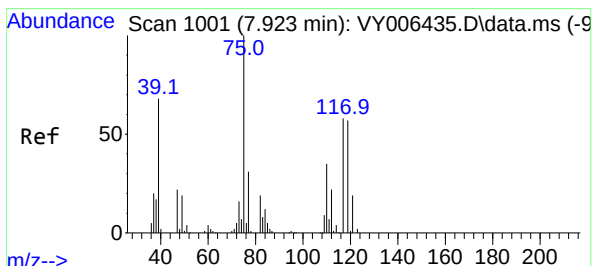
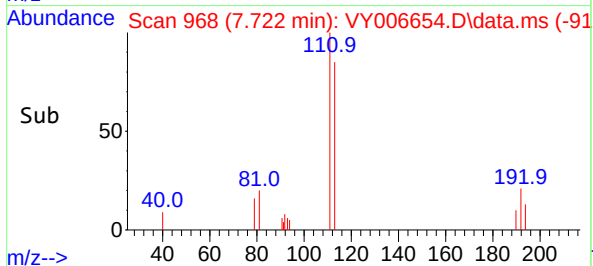
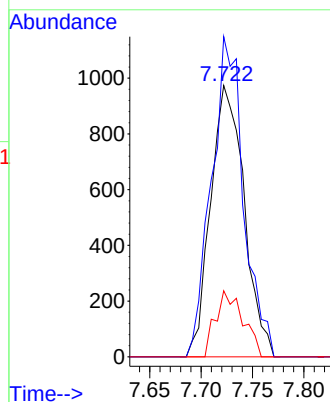


#35
Dibromofluoromethane
Concen: 24.982 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

Instrument :
MSVOA_Y
ClientSampleId :

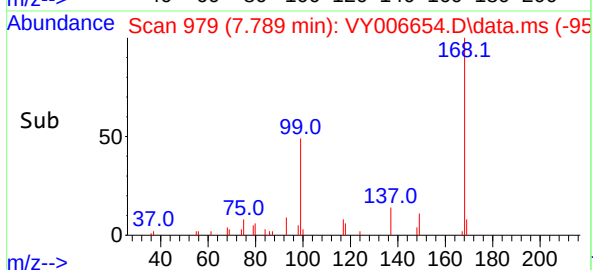
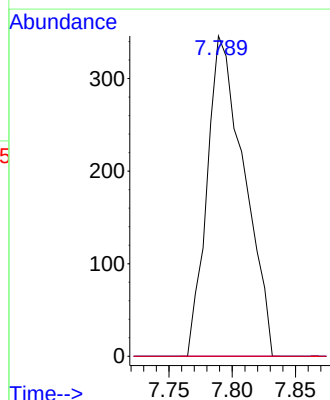
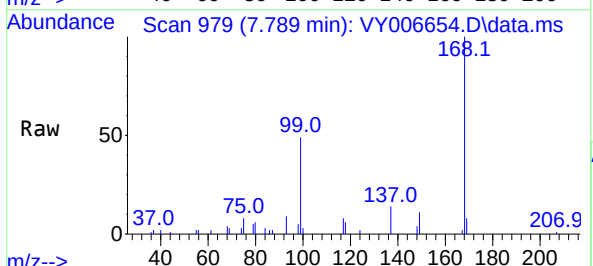


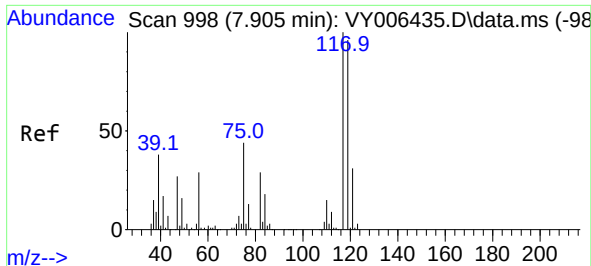
Tgt Ion:113 Resp: 2208
Ion Ratio Lower Upper
113 100
111 113.0 82.3 123.5
192 19.9 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.506 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

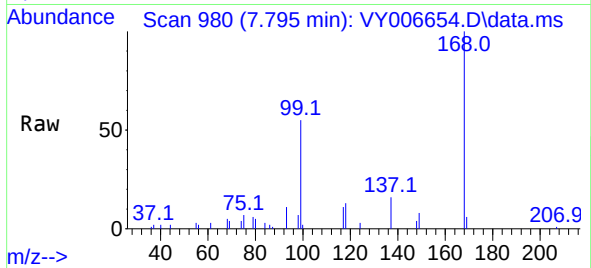
Tgt Ion: 75 Resp: 706
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.3#
77 0.0 24.9 37.3#



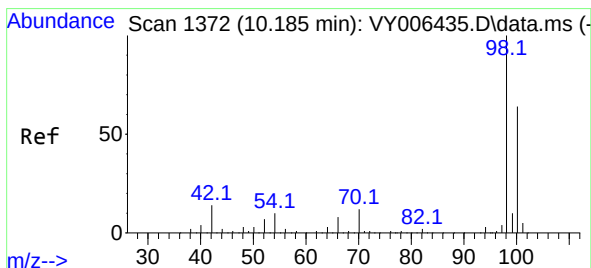
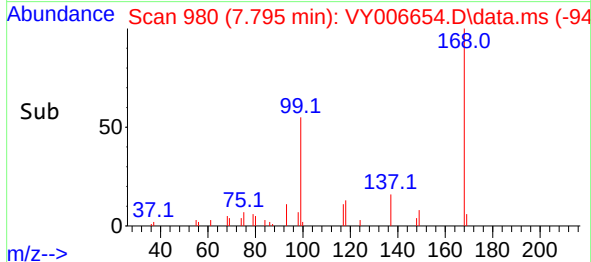
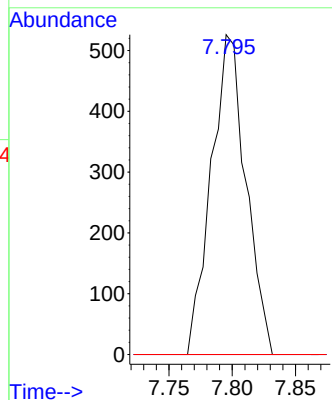


#38
Carbon Tetrachloride
Concen: 5.809 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

Instrument :
MSVOA_Y
ClientSampleId :

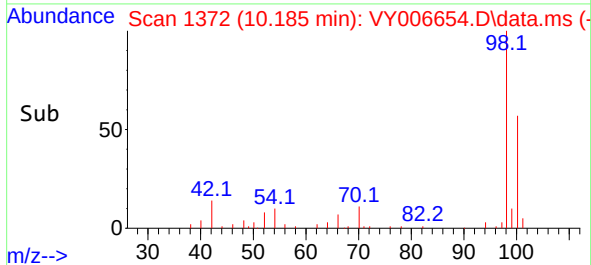
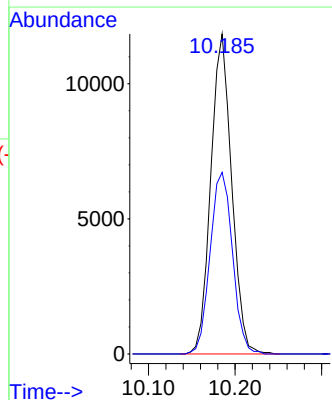
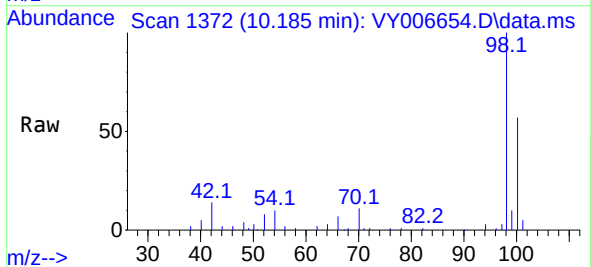


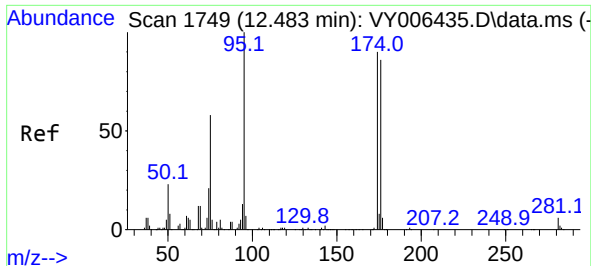
Tgt Ion:117 Resp: 1004
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.879 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

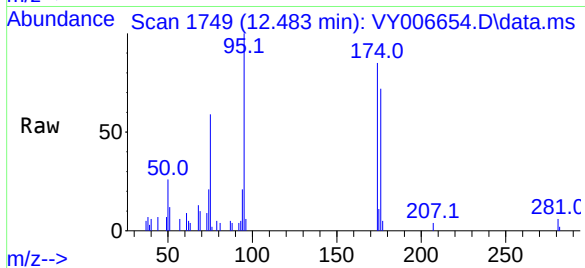
Tgt Ion: 98 Resp: 19812
Ion Ratio Lower Upper
98 100
100 60.9 50.9 76.3



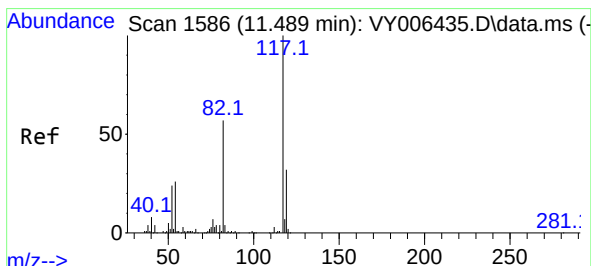
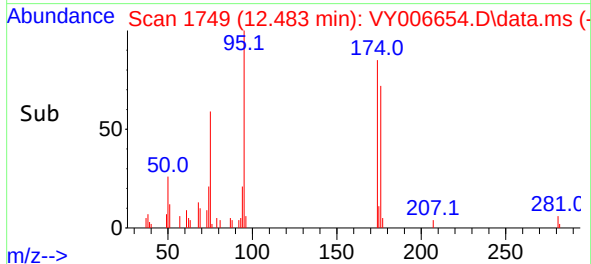
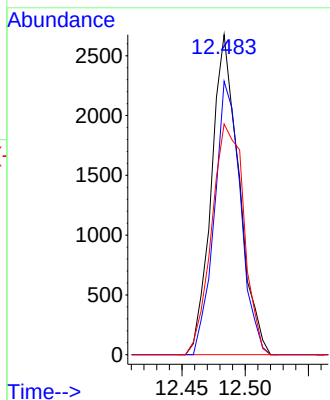


#62
4-Bromofluorobenzene
Concen: 32.185 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

Instrument :
MSVOA_Y
ClientSampleId :

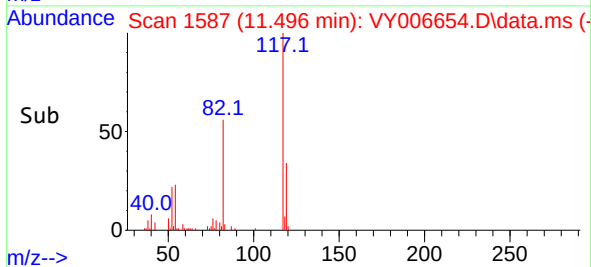
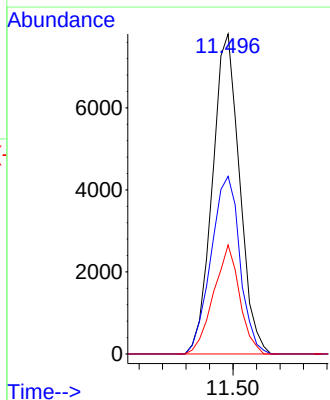
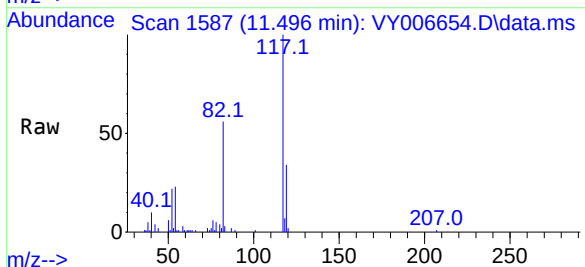


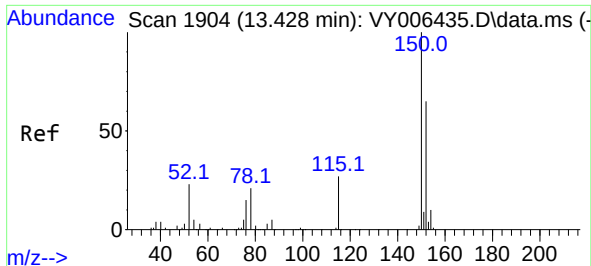
Tgt Ion: 95 Resp: 4062
Ion Ratio Lower Upper
95 100
174 80.9 0.0 177.0
176 83.8 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

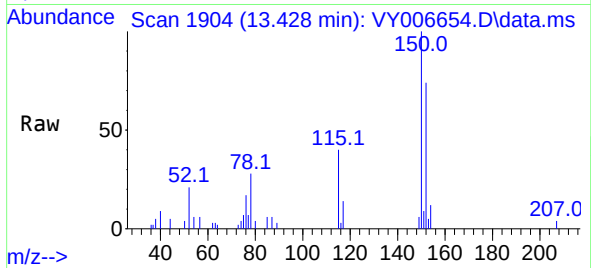
Tgt Ion: 117 Resp: 12505
Ion Ratio Lower Upper
117 100
82 55.5 45.7 68.5
119 34.0 25.5 38.3



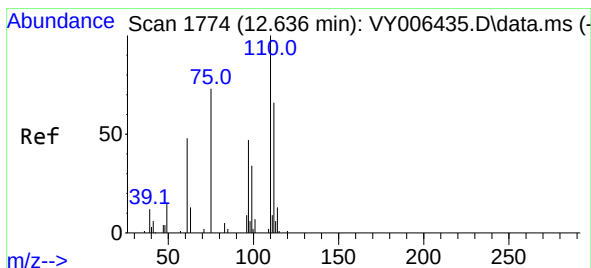
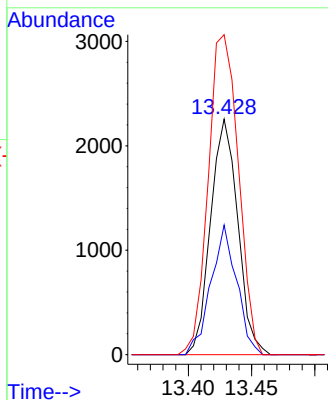
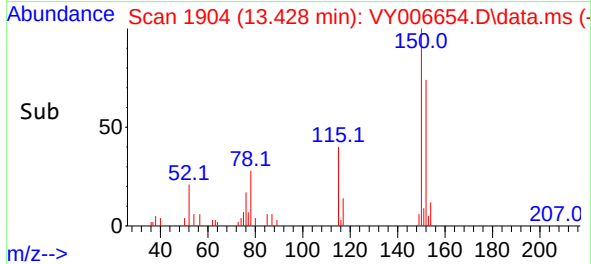


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

Instrument :
MSVOA_Y
ClientSampleId :

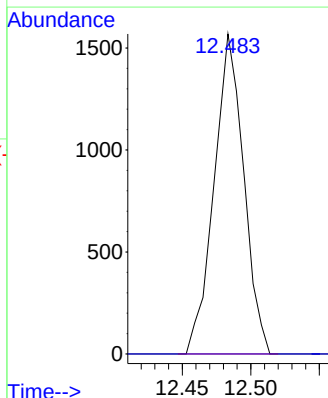
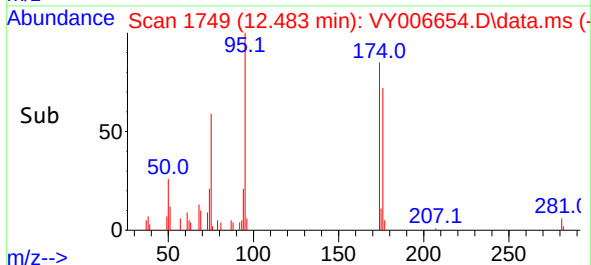
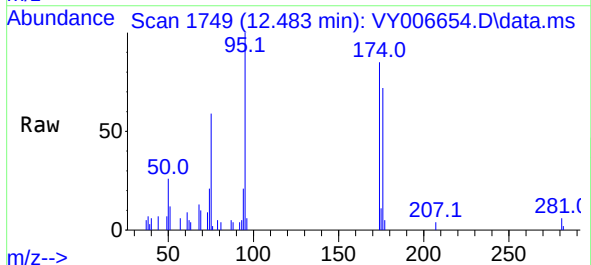


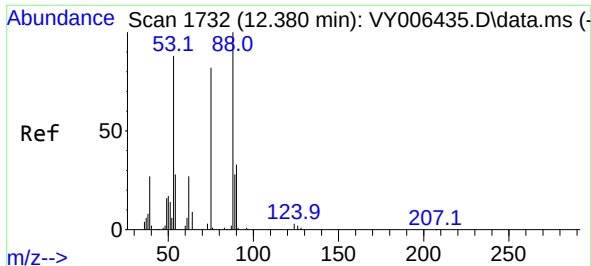
Tgt Ion:152 Resp: 3375
Ion Ratio Lower Upper
152 100
115 52.4 28.5 85.5
150 150.6 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 67.858 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

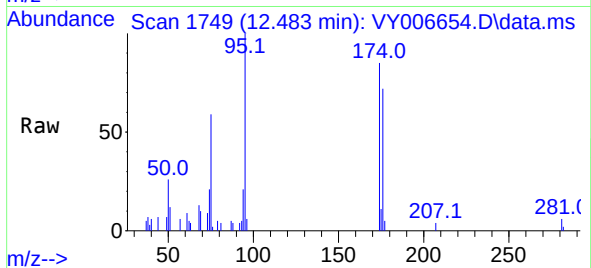
Tgt Ion: 75 Resp: 2360
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



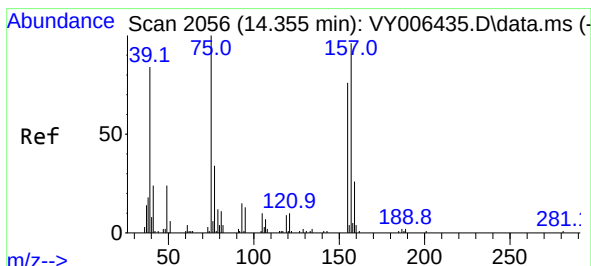
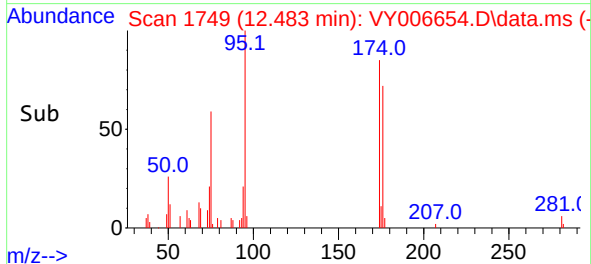
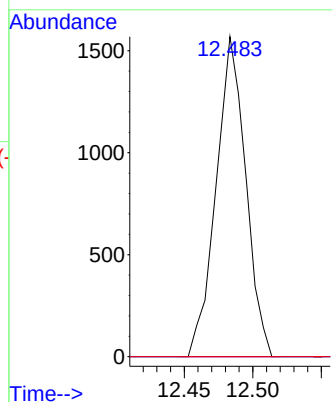


#81
trans-1,4-Dichloro-2-butene
Concen: 139.310 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 2360
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.305 ug/l
RT: 14.587 min Scan# 2094
Delta R.T. 0.232 min
Lab File: VY006654.D
Acq: 05 Nov 2021 14:03

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
155 0.0 39.0 116.9#
157 0.0 49.2 147.6#

