

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093021\
 Data File : VY006236.D
 Acq On : 30 Sep 2021 13:46
 Operator : SY/MD
 Sample : M3990-03
 Misc : 7.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 01 06:27:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

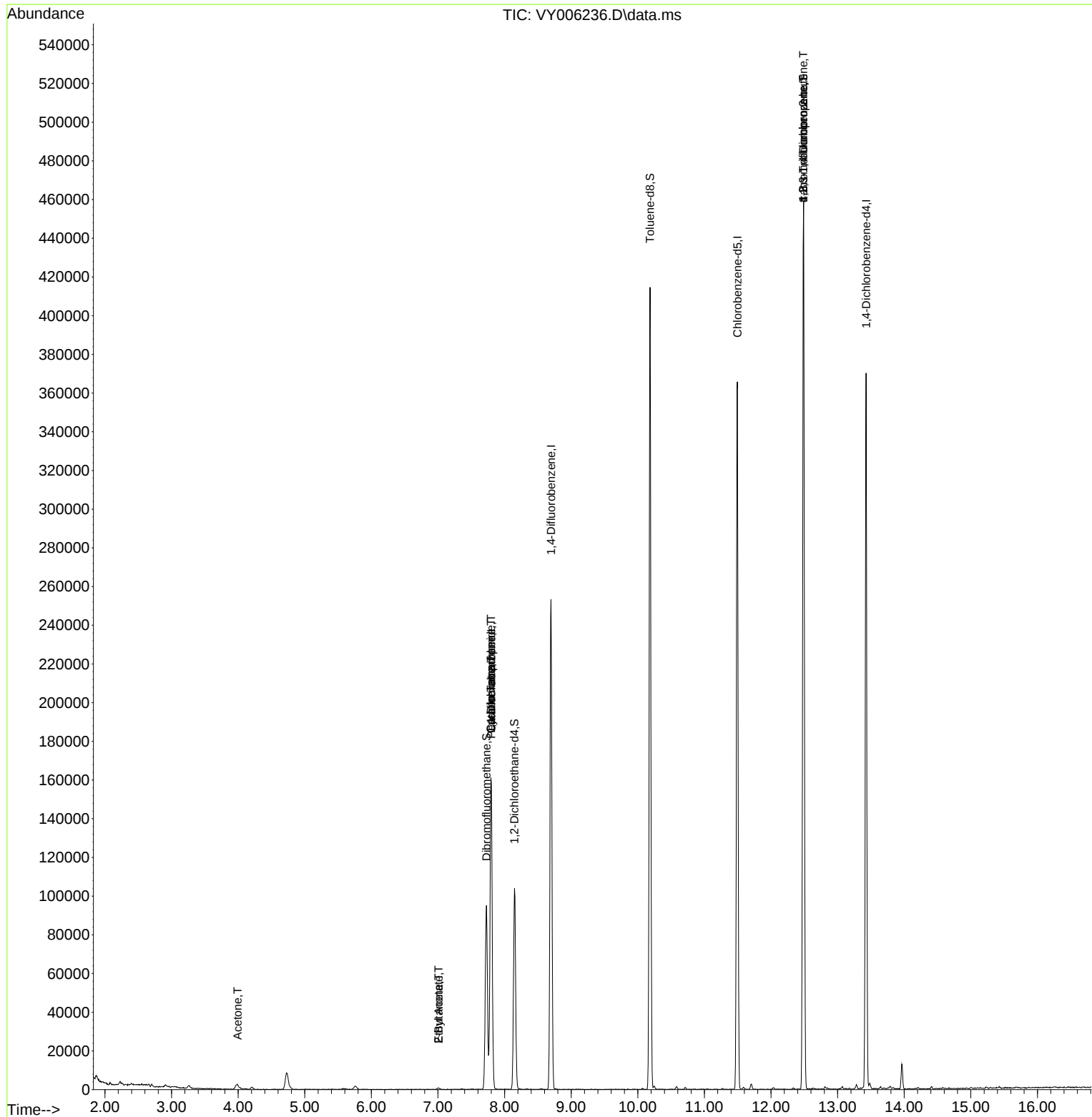
Internal Standards						
1) Pentafluorobenzene	7.801	168	129665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	211086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	197841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85533	61.632	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.260%			
35) Dibromofluoromethane	7.728	113	62766	55.656	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.320%			
50) Toluene-d8	10.185	98	262793	55.678	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.360%			
62) 4-Bromofluorobenzene	12.483	95	84222	52.527	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.060%			
Target Compounds						Qvalue
16) Acetone	3.991	43	6429	16.586	ug/l	97
25) 2-Butanone	7.009	43	1251	2.317	ug/l #	80
31) Cyclohexane	7.795	56	2826	1.075	ug/l #	16
36) 1,1-Dichloropropene	7.795	75	9450	4.500	ug/l #	51
37) Ethyl Acetate	7.009	43	1251	1.022	ug/l #	84
38) Carbon Tetrachloride	7.795	117	12208	5.505	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	48740	54.156	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48740	106.425	ug/l #	8

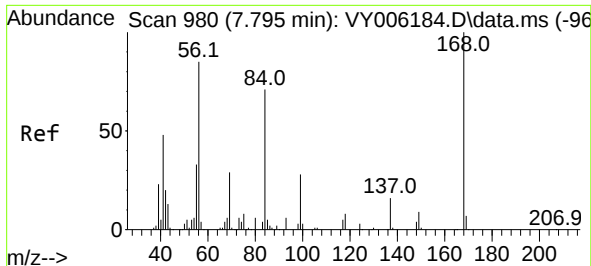
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

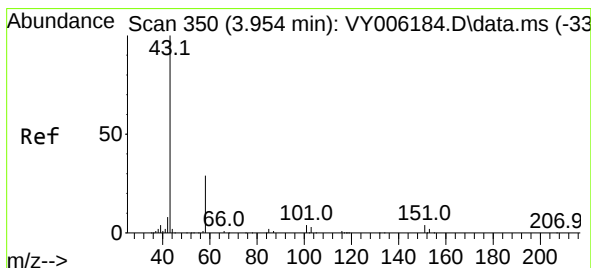
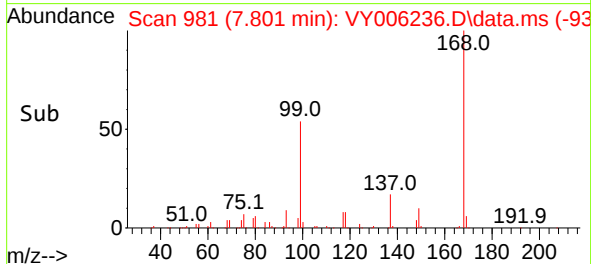
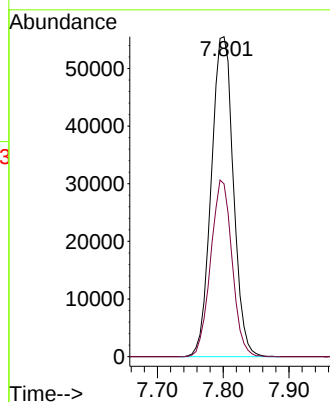
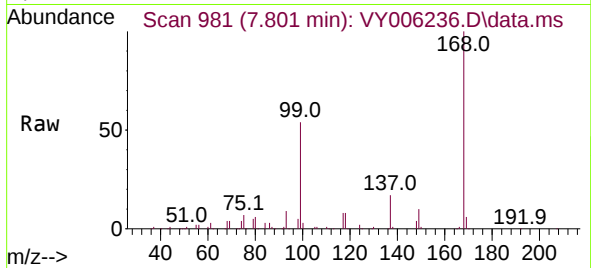




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006236.D
Acq: 30 Sep 2021 13:46

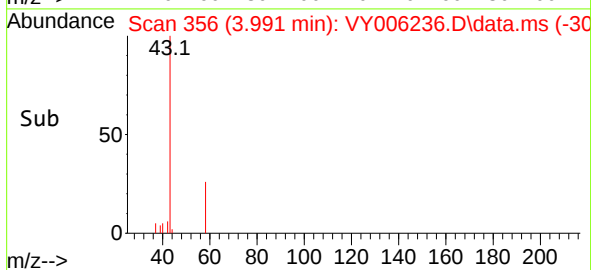
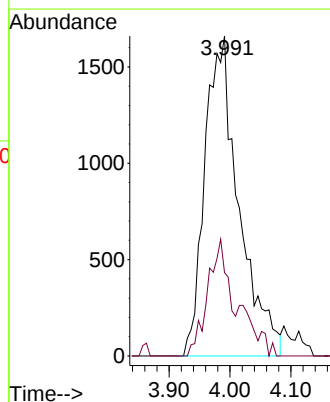
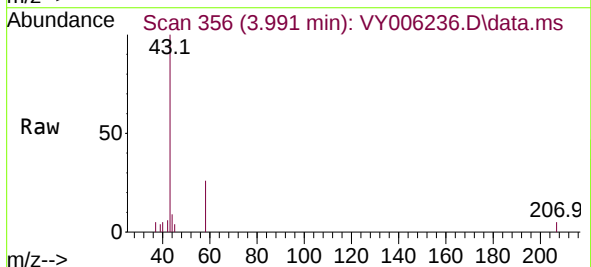
Instrument :
MSVOA_Y
ClientSampled :

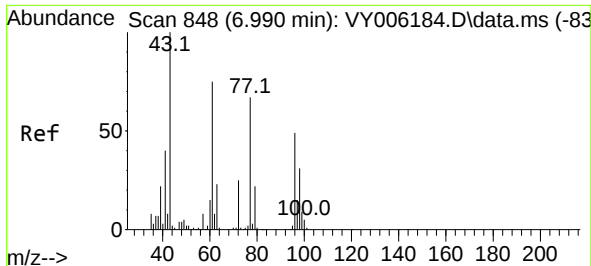
Tgt Ion:168 Resp: 129665
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#16
Acetone
Concen: 16.586 ug/l
RT: 3.991 min Scan# 356
Delta R.T. 0.037 min
Lab File: VY006236.D
Acq: 30 Sep 2021 13:46

Tgt Ion: 43 Resp: 6429
Ion Ratio Lower Upper
43 100
58 26.1 22.0 33.0





#25

2-Butanone

Concen: 2.317 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.018 min

Lab File: VY006236.D

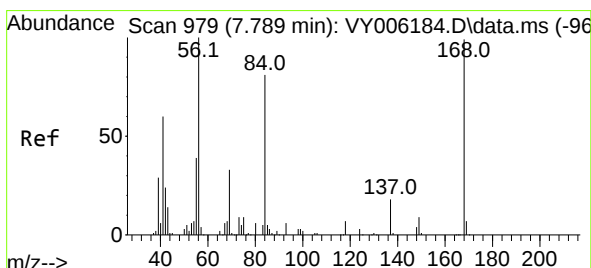
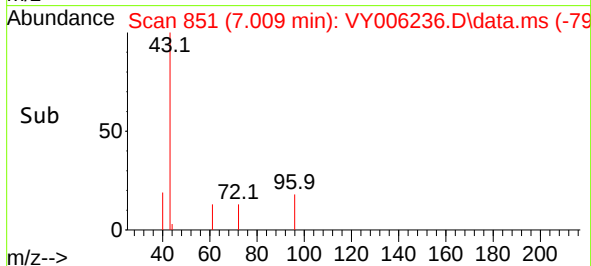
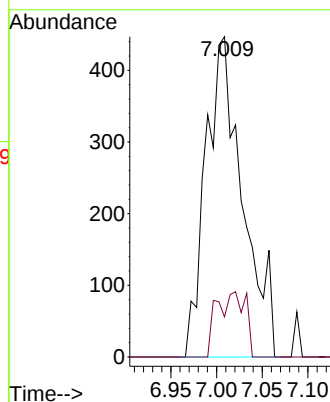
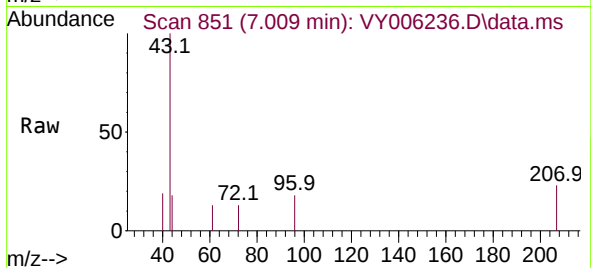
Acq: 30 Sep 2021 13:46

Tgt Ion: 43 Resp: 1251

Ion Ratio Lower Upper

43 100

72 12.5 17.7 26.5#



#31

Cyclohexane

Concen: 1.075 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY006236.D

Acq: 30 Sep 2021 13:46

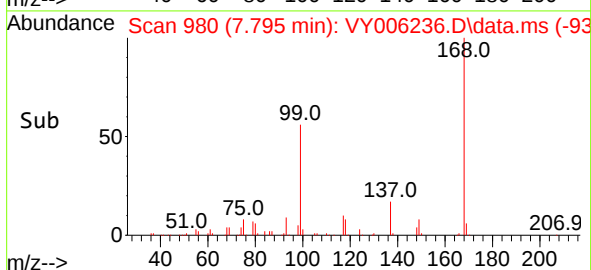
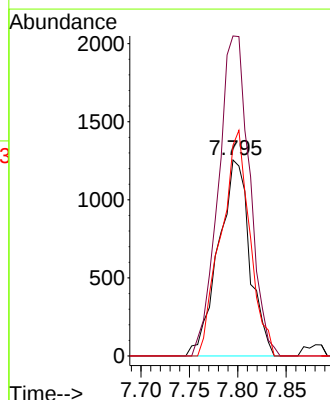
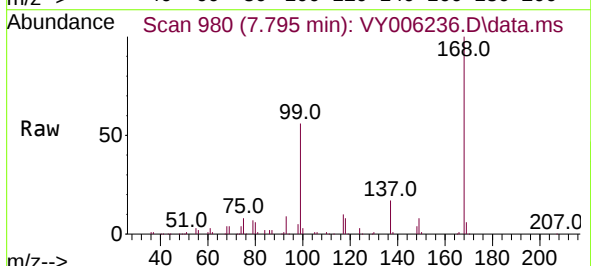
Tgt Ion: 56 Resp: 2826

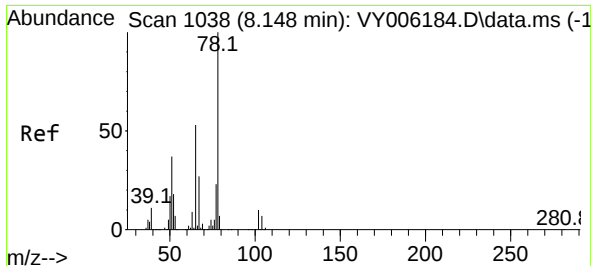
Ion Ratio Lower Upper

56 100

69 163.3 26.7 40.1#

84 107.5 67.2 100.8#

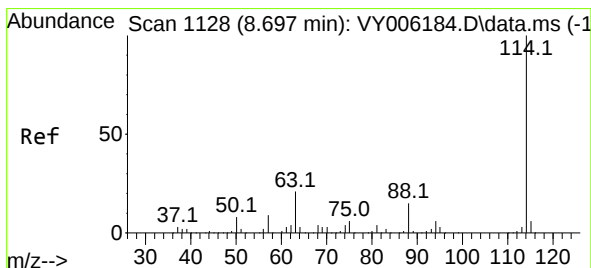
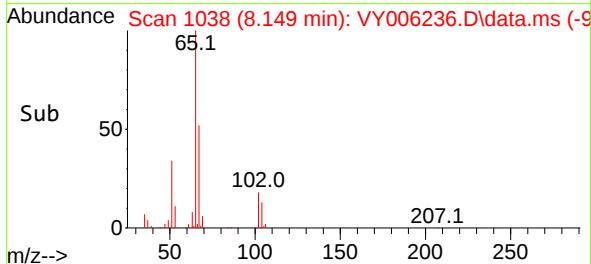
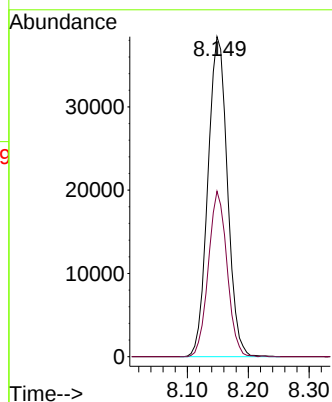
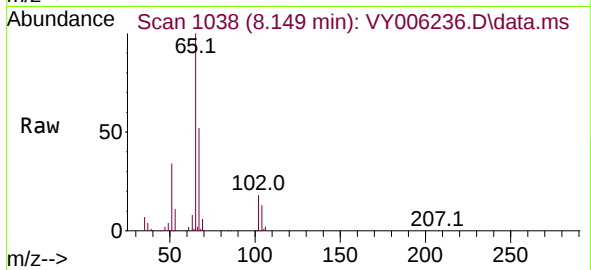




#33
 1,2-Dichloroethane-d4
 Concen: 61.632 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY006236.D
 Acq: 30 Sep 2021 13:46

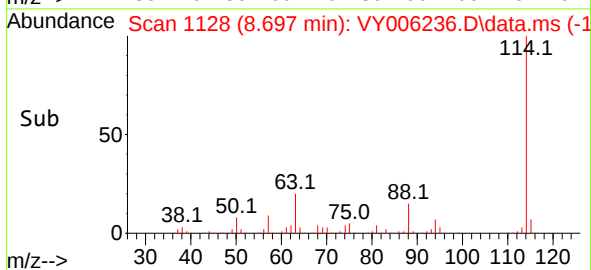
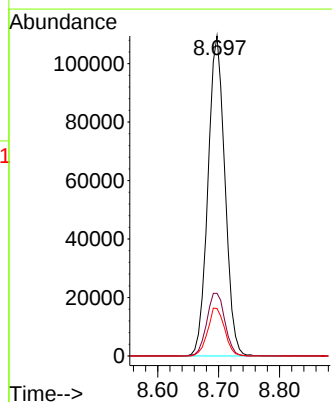
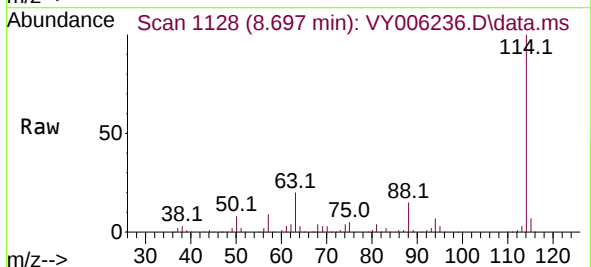
Instrument :
 MSVOA_Y
 ClientSampled :

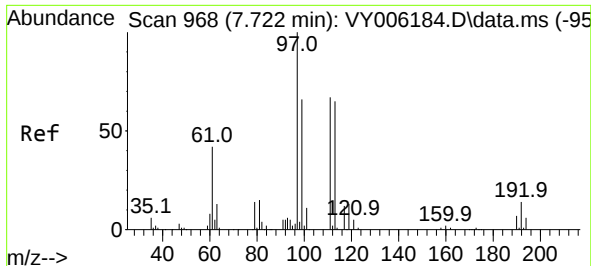
Tgt Ion: 65 Resp: 85533
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY006236.D
 Acq: 30 Sep 2021 13:46

Tgt Ion: 114 Resp: 211086
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 43.2
 88 14.9 0.0 31.8

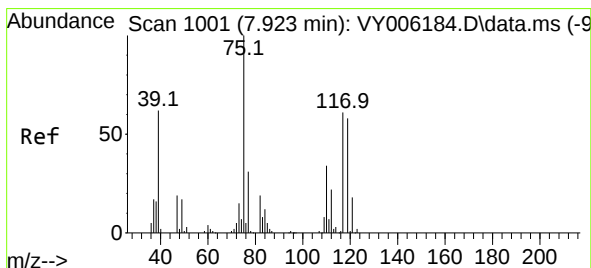
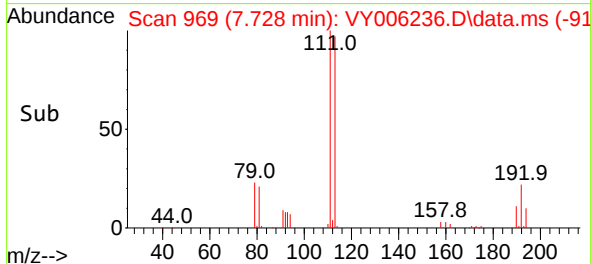
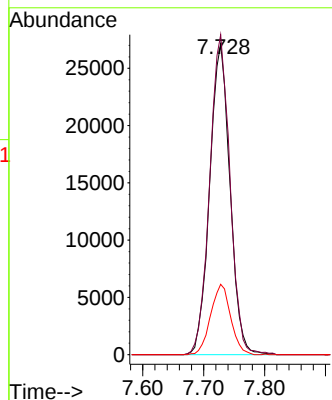
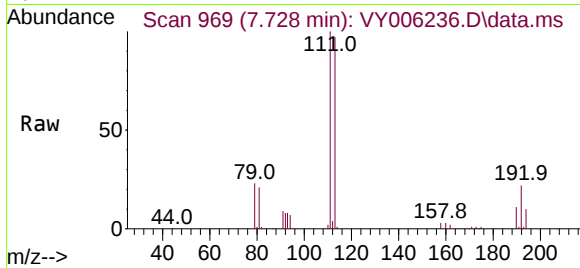




#35
Dibromofluoromethane
Concen: 55.656 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006236.D
Acq: 30 Sep 2021 13:46

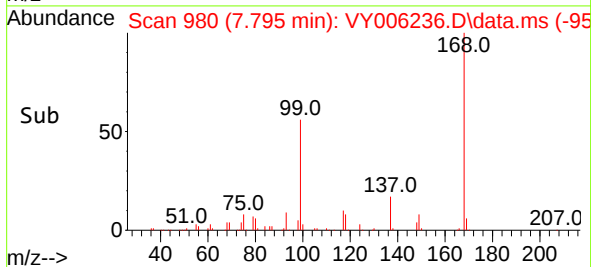
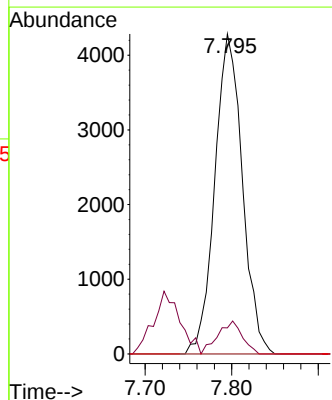
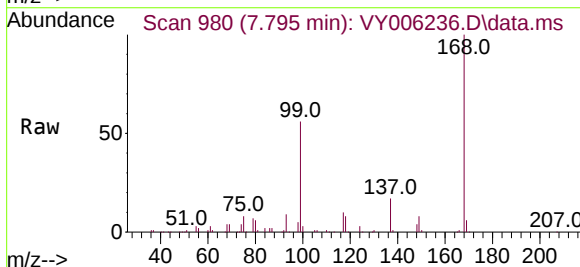
Instrument :
MSVOA_Y
ClientSampleId :

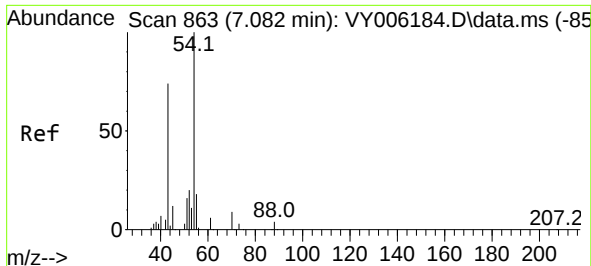
Tgt Ion:113 Resp: 62766
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 22.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.500 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006236.D
Acq: 30 Sep 2021 13:46

Tgt Ion: 75 Resp: 9450
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.022 ug/l

RT: 7.009 min Scan# 851

Delta R.T. -0.073 min

Lab File: VY006236.D

Acq: 30 Sep 2021 13:46

Tgt Ion: 43 Resp: 1251

Ion Ratio Lower Upper

43 100

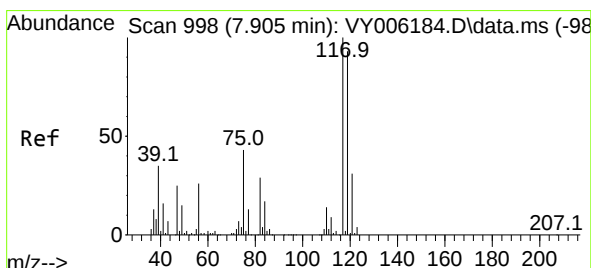
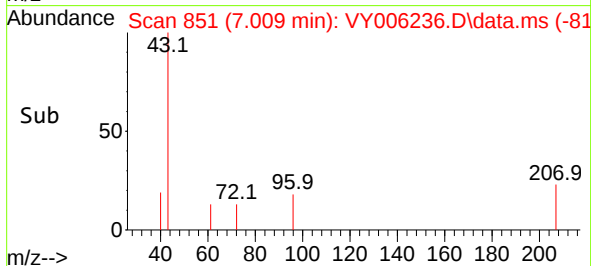
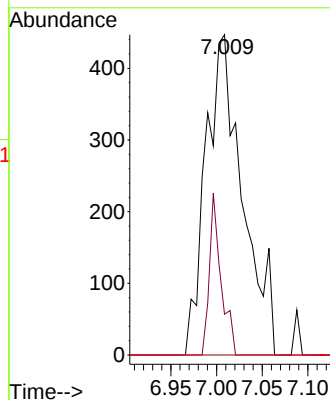
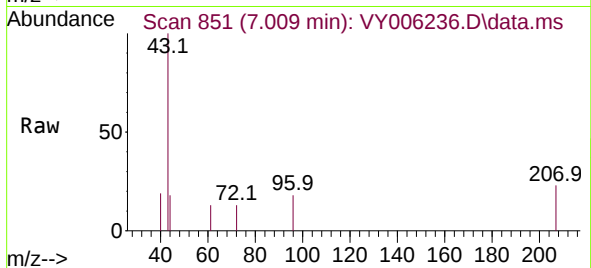
61 15.9 9.7 14.5#

70 0.0 7.1 10.7#

Instrument :

MSVOA_Y

ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.505 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY006236.D

Acq: 30 Sep 2021 13:46

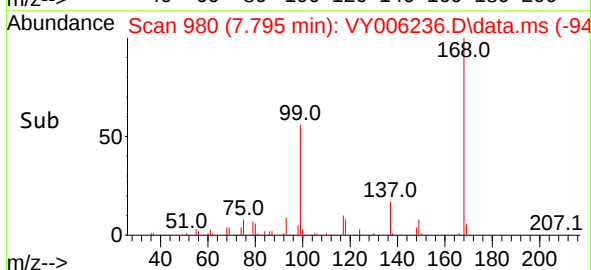
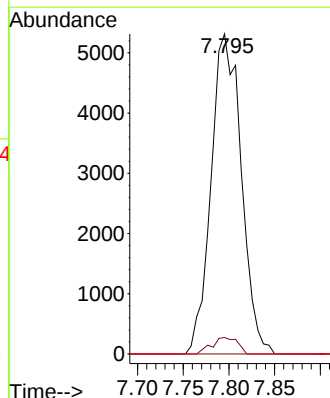
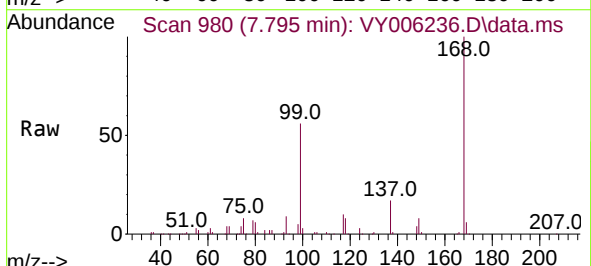
Tgt Ion: 117 Resp: 12208

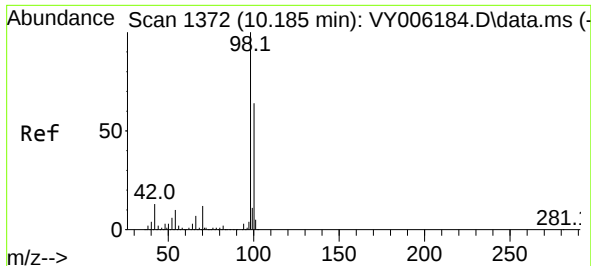
Ion Ratio Lower Upper

117 100

119 5.2 77.9 116.9#

121 0.0 24.8 37.2#

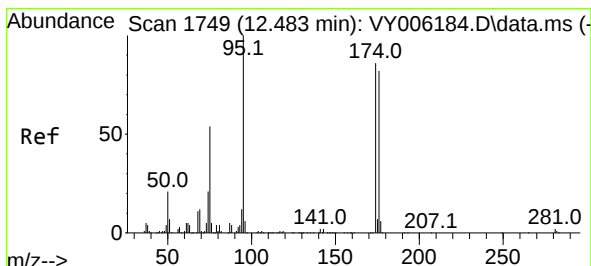
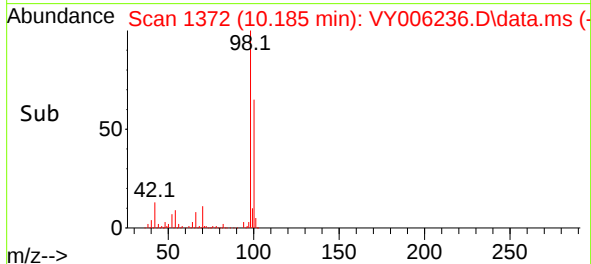
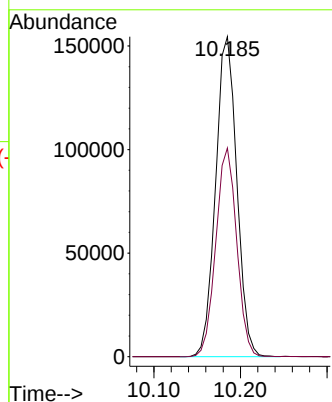
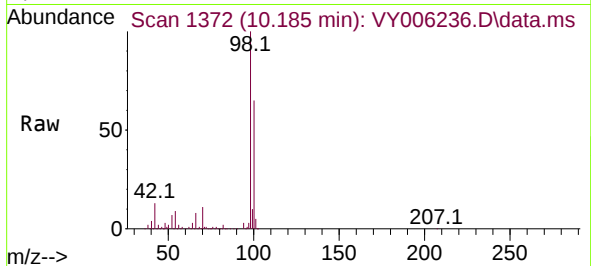




#50
Toluene-d8
Concen: 55.678 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006236.D
Acq: 30 Sep 2021 13:46

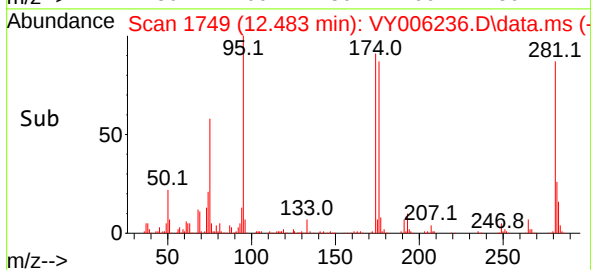
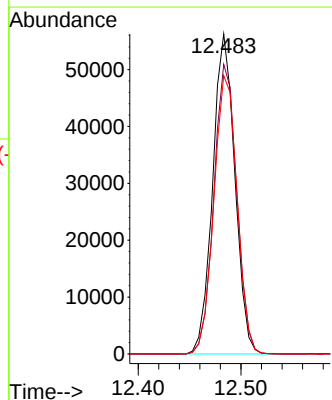
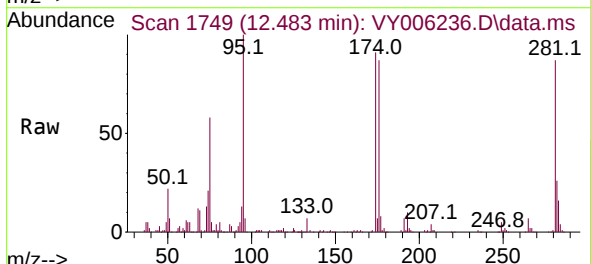
Instrument :
MSVOA_Y
ClientSampled :

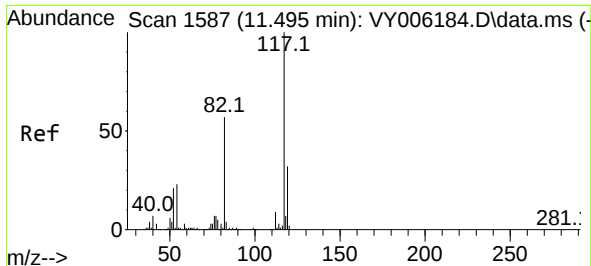
Tgt Ion: 98 Resp: 262793
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.527 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006236.D
Acq: 30 Sep 2021 13:46

Tgt Ion: 95 Resp: 84222
Ion Ratio Lower Upper
95 100
174 93.2 0.0 177.0
176 90.9 0.0 175.8

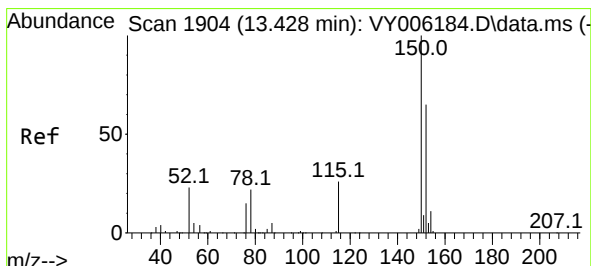
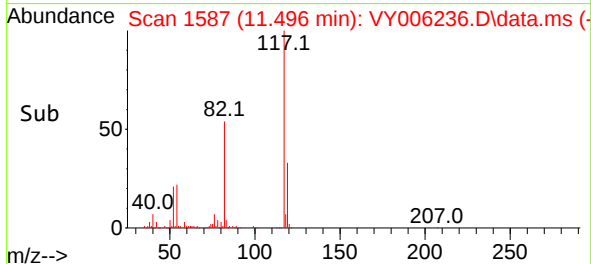
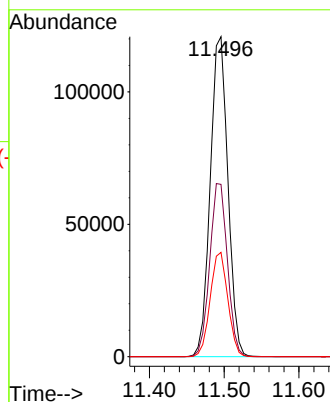
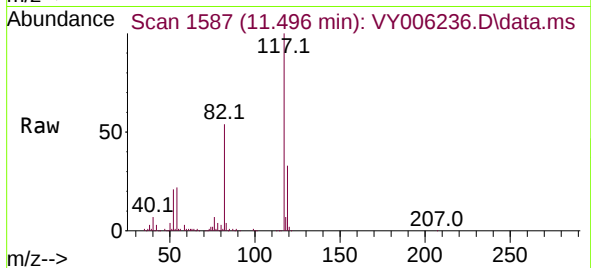




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006236.D
Acq: 30 Sep 2021 13:46

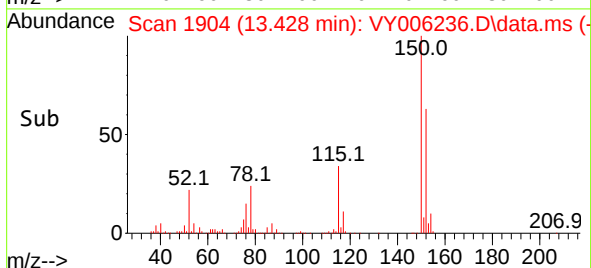
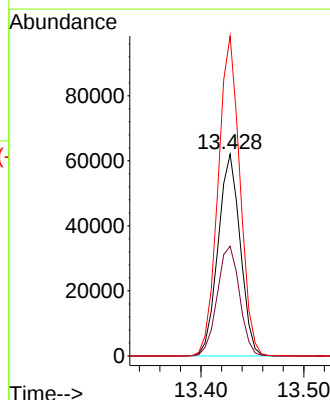
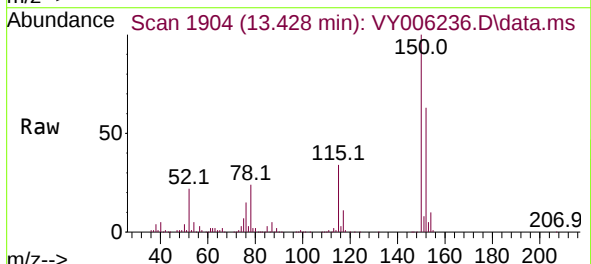
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.0	64.4
119	32.6	25.4	38.0

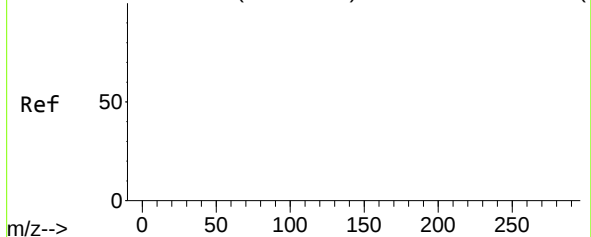


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006236.D
Acq: 30 Sep 2021 13:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.2	84.7
150	156.0	0.0	347.6



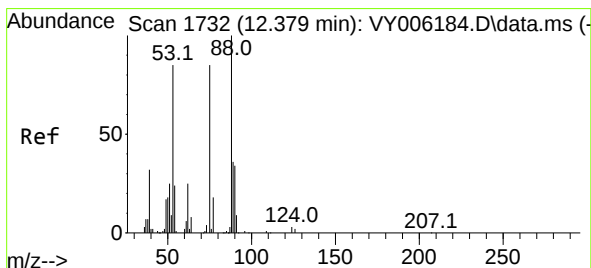
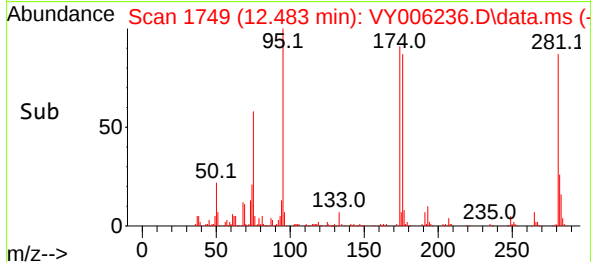
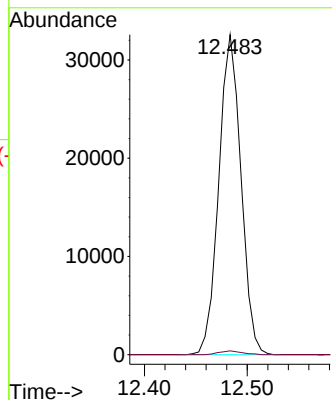
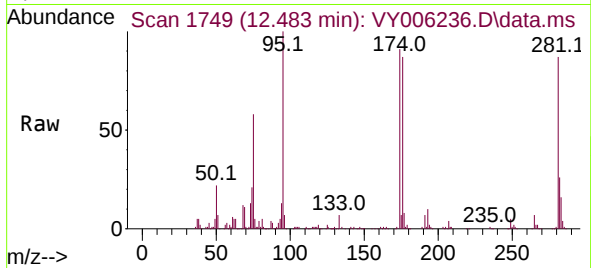
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



#76
1,2,3-Trichloropropane
Concen: 54.156 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006236.D
Acq: 30 Sep 2021 13:46

Tgt Ion: 75 Resp: 48740
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

Instrument :
MSVOA_Y
ClientSampled :



#81
trans-1,4-Dichloro-2-butene
Concen: 106.425 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006236.D
Acq: 30 Sep 2021 13:46

Tgt Ion: 75 Resp: 48740
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.9 37.0 55.4#

