

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007958.D
 Acq On : 21 Mar 2022 16:35
 Operator : SY/MD
 Sample : N1958-05RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-5-4-5RE

Quant Time: Mar 22 03:40:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

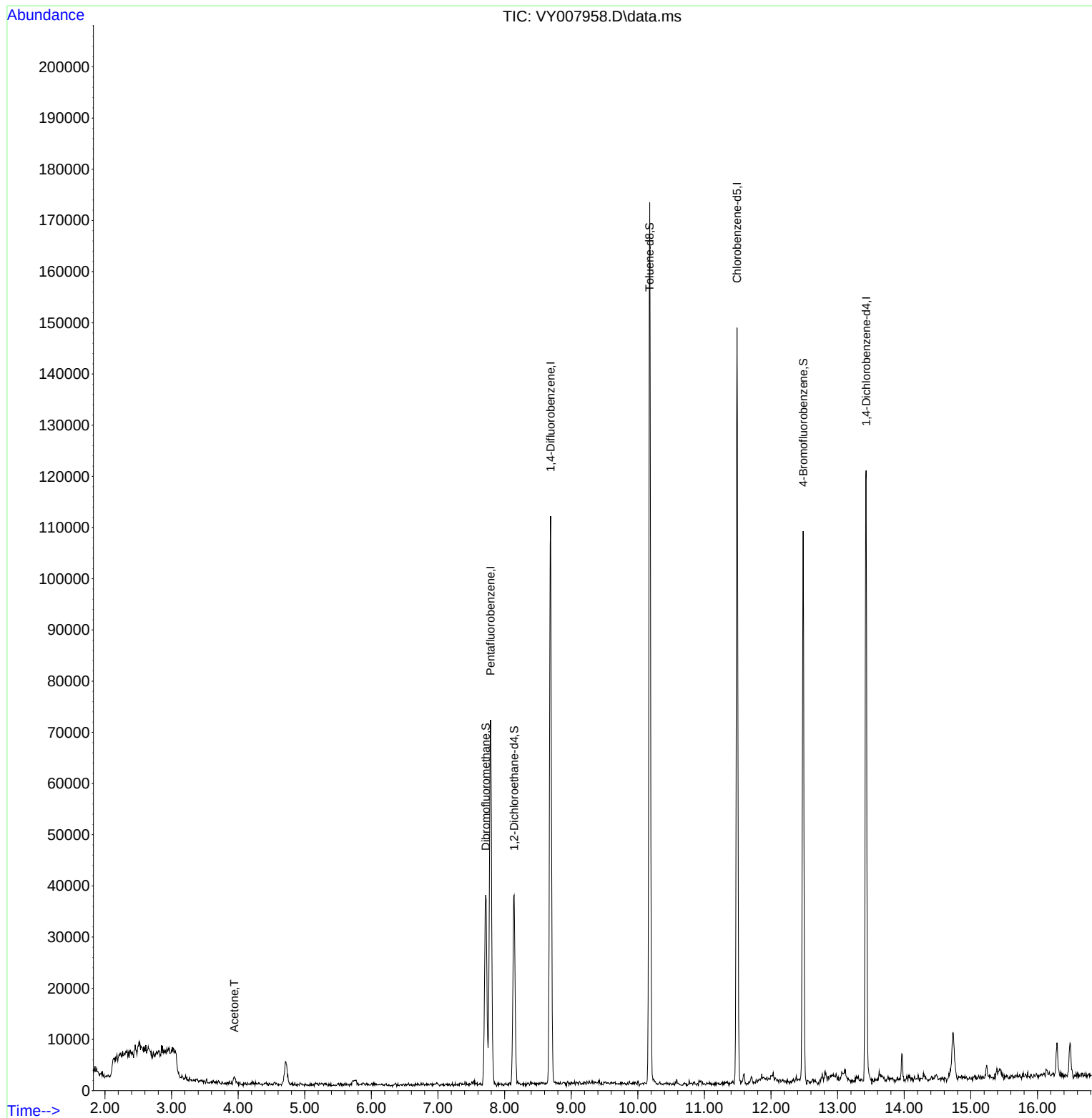
Internal Standards						
1) Pentafluorobenzene	7.789	168	52632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	93976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	77471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	28831	48.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.080%
35) Dibromofluoromethane	7.716	113	27288	41.346	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.700%
50) Toluene-d8	10.179	98	112769	57.468	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.940%
62) 4-Bromofluorobenzene	12.483	95	34010	35.906	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.820%
Target Compounds					Qvalue	
16) Acetone	3.942	43	2493	15.660	ug/l #	77

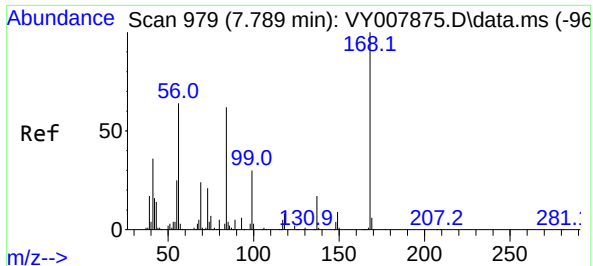
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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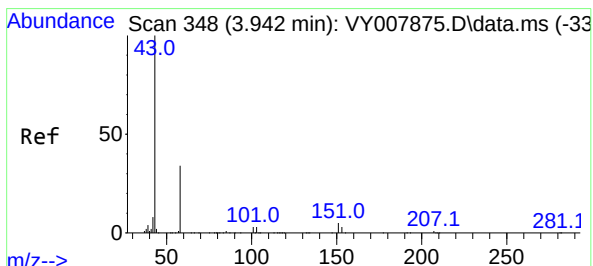
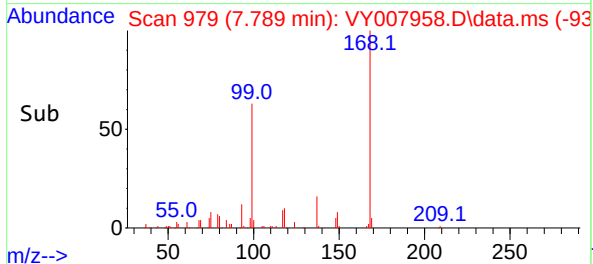
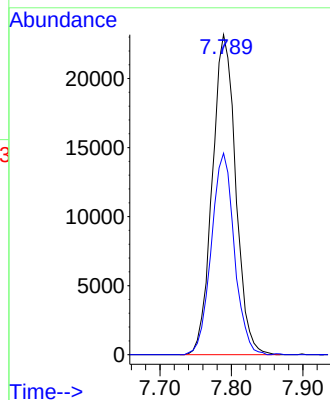
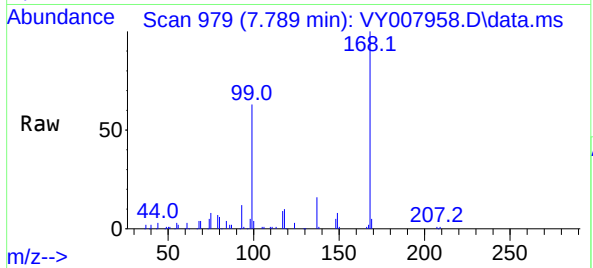




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

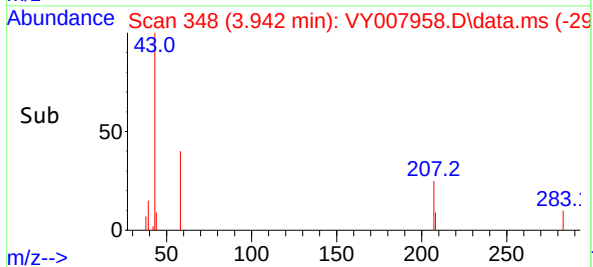
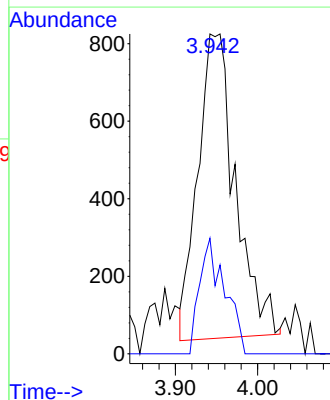
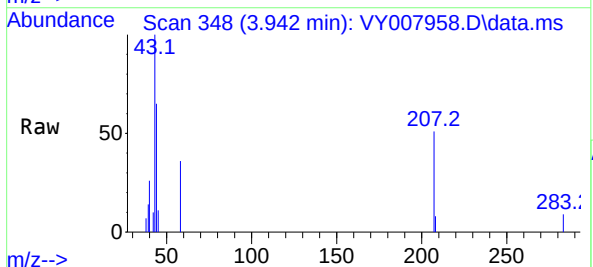
Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5RE

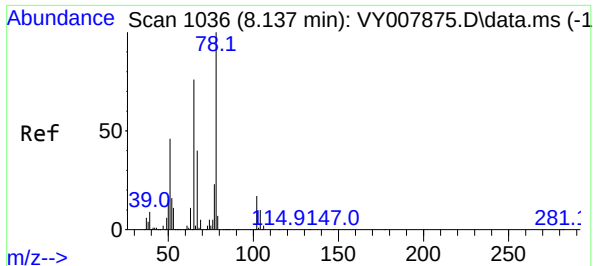
Tgt Ion:168 Resp: 52632
Ion Ratio Lower Upper
168 100
99 63.0 46.9 70.3



#16
Acetone
Concen: 15.660 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

Tgt Ion: 43 Resp: 2493
Ion Ratio Lower Upper
43 100
58 39.3 22.0 33.0#

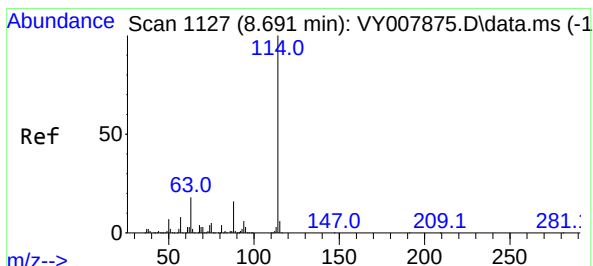
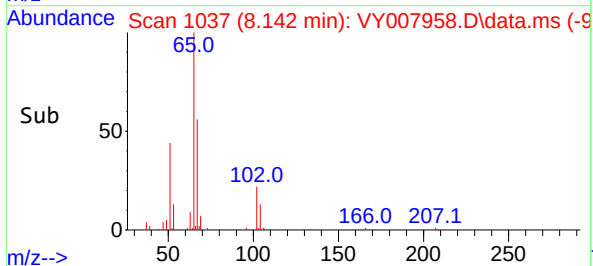
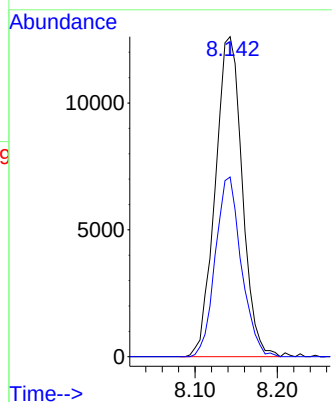
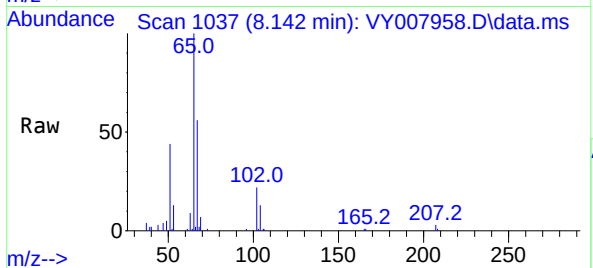




#33
1,2-Dichloroethane-d4
Concen: 48.043 ug/l
RT: 8.142 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

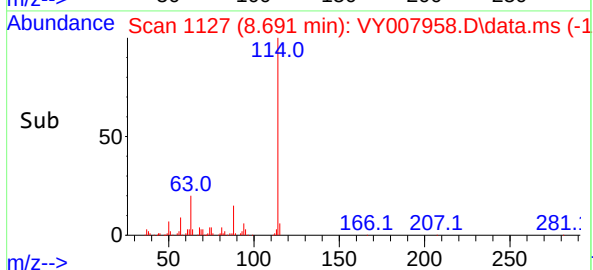
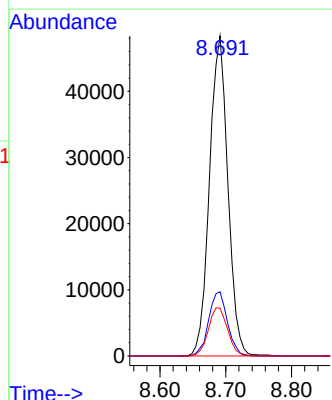
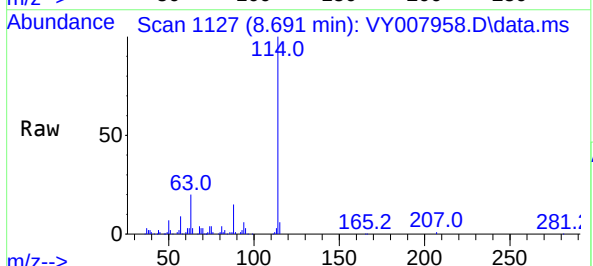
Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5RE

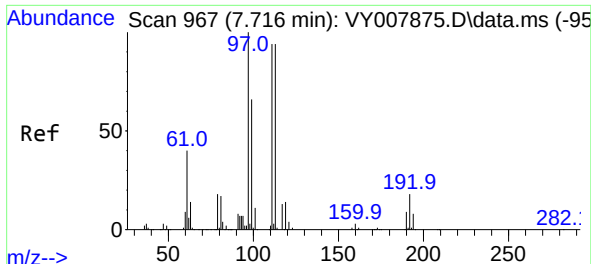
Tgt Ion: 65 Resp: 28831
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

Tgt Ion:114 Resp: 93976
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.2
88 14.9 0.0 31.8

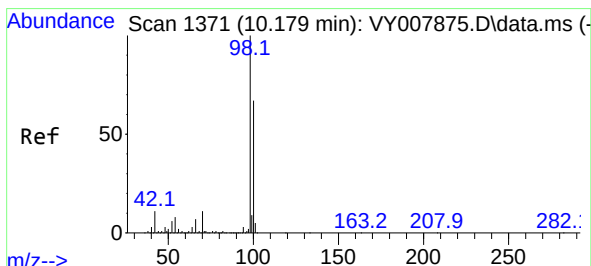
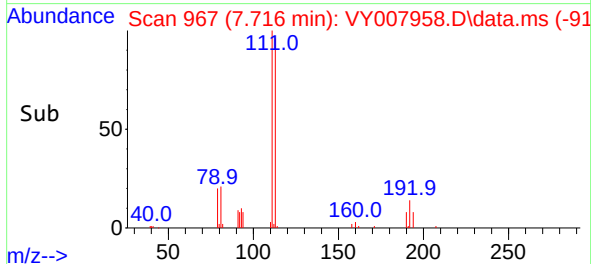
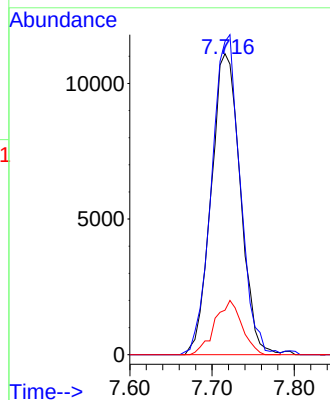
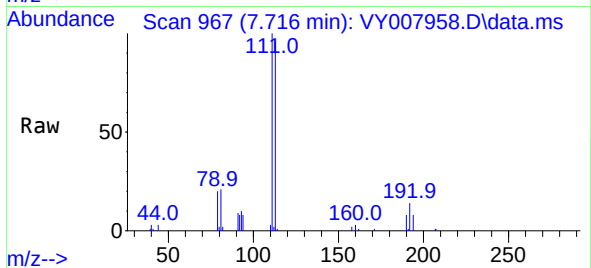




#35
Dibromofluoromethane
Concen: 41.346 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

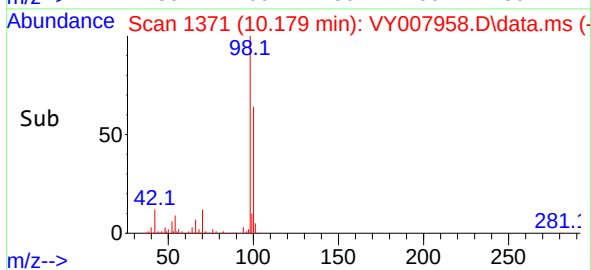
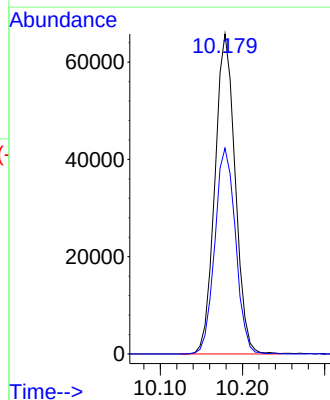
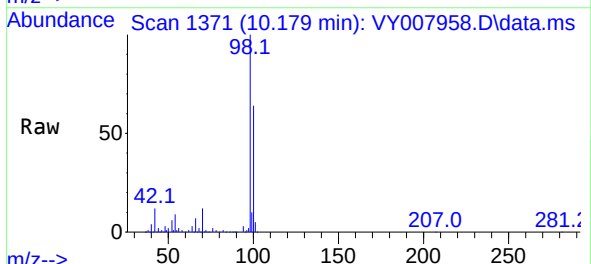
Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5RE

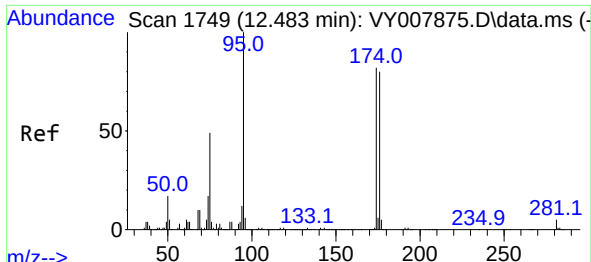
Tgt Ion:113 Resp: 27288
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 16.7 17.6 26.4#



#50
Toluene-d8
Concen: 57.468 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

Tgt Ion: 98 Resp: 112769
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

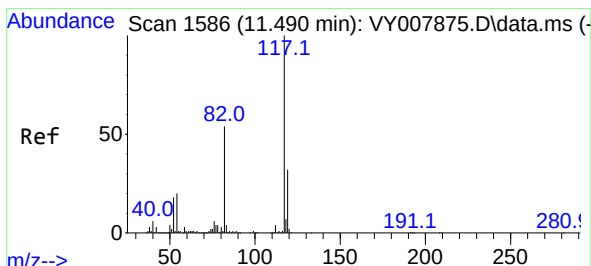
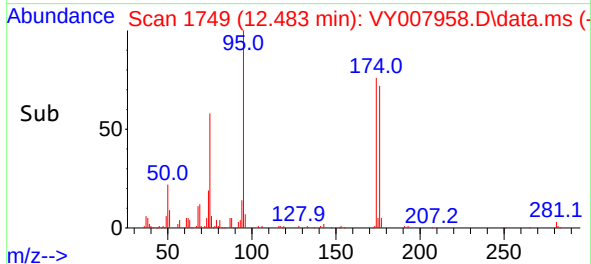
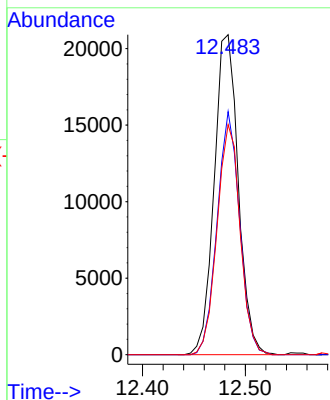
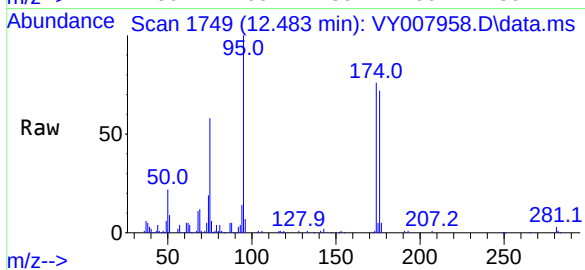




#62
4-Bromofluorobenzene
Concen: 35.906 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

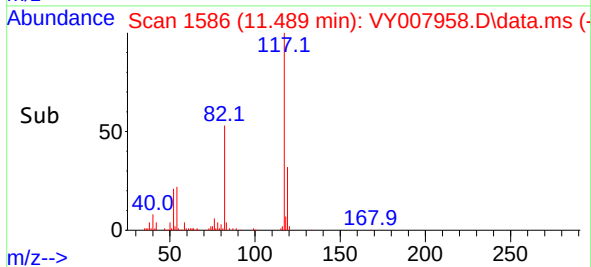
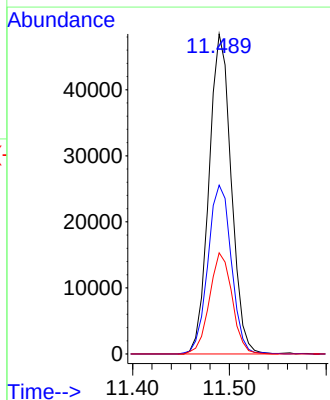
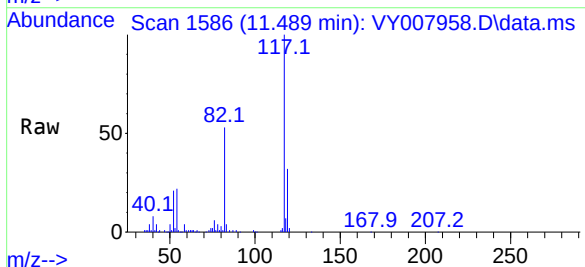
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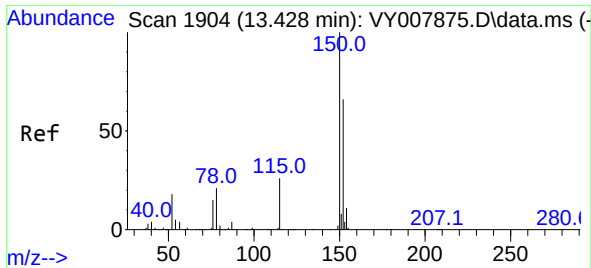
Tgt Ion: 95 Resp: 34010
Ion Ratio Lower Upper
95 100
174 70.8 0.0 177.0
176 68.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007958.D
Acq: 21 Mar 2022 16:35

Tgt Ion: 117 Resp: 77471
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 31.6 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: VY007958.D
 Acq: 21 Mar 2022 16:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-5-4-5RE

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	28.2	84.7
150	159.0	0.0	347.6

