

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090121\
 Data File : VY005924.D
 Acq On : 01 Sep 2021 12:44
 Operator : SY/MD
 Sample : M3609-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-083121

Quant Time: Sep 02 07:47:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

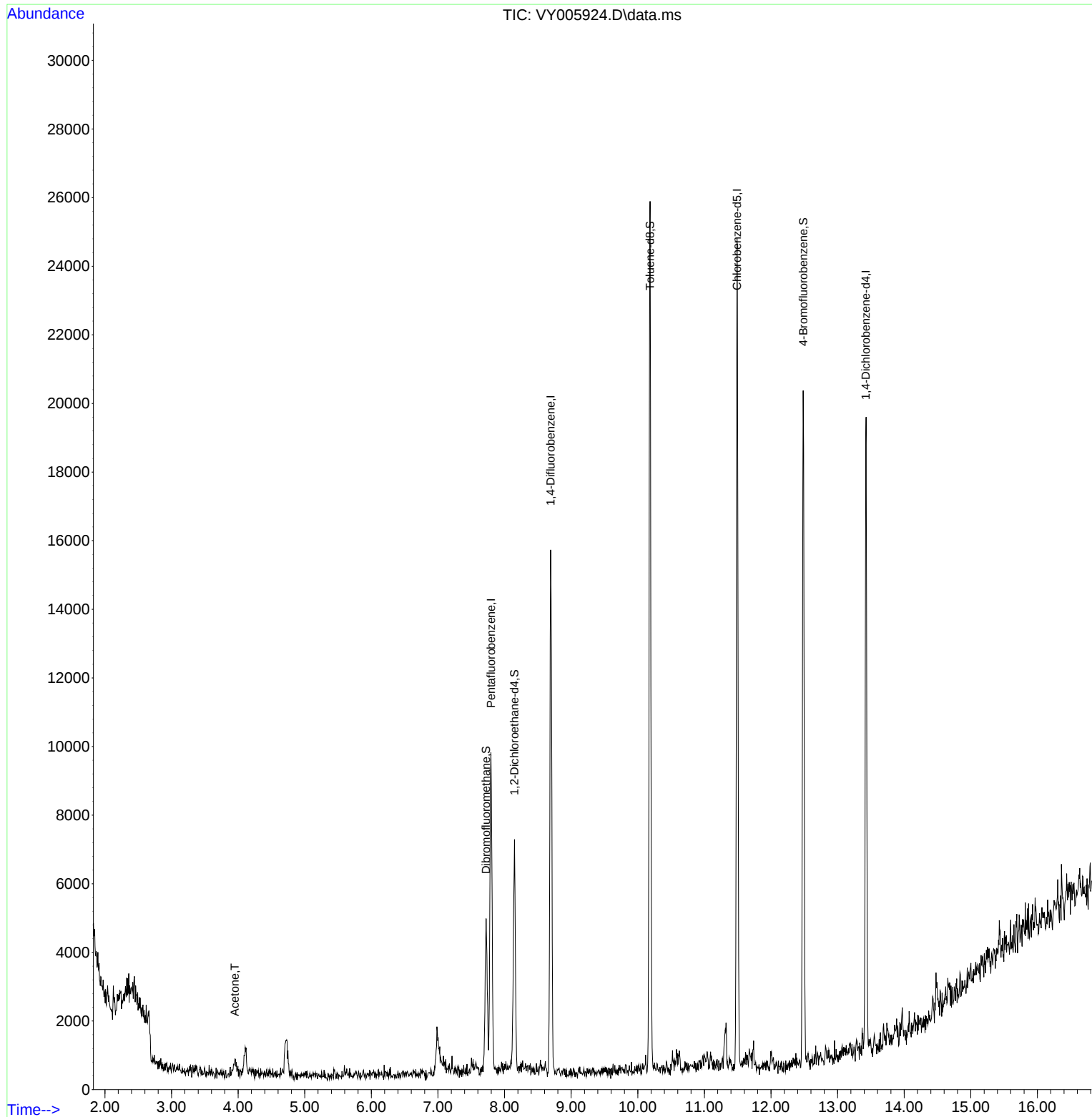
Internal Standards						
1) Pentafluorobenzene	7.795	168	8232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	13882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	13157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5073	61.153	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.300%
35) Dibromofluoromethane	7.722	113	3198	41.021	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.040%
50) Toluene-d8	10.185	98	16942	51.780	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.560%
62) 4-Bromofluorobenzene	12.483	95	4713	42.899	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.800%
Target Compounds						Qvalue
16) Acetone	3.948	43	880	41.603	ug/l	94

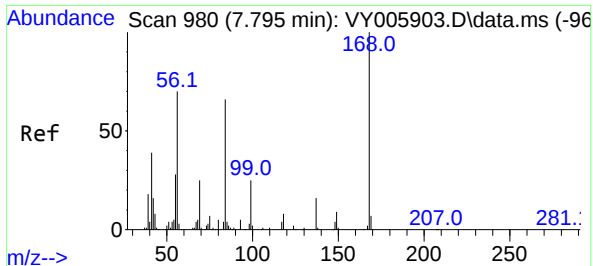
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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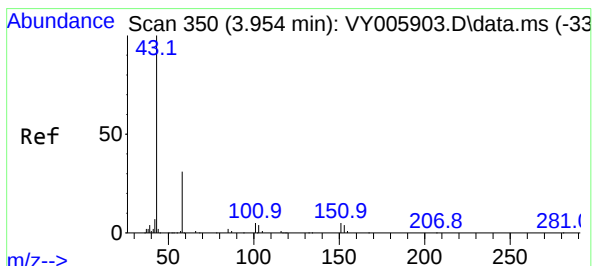
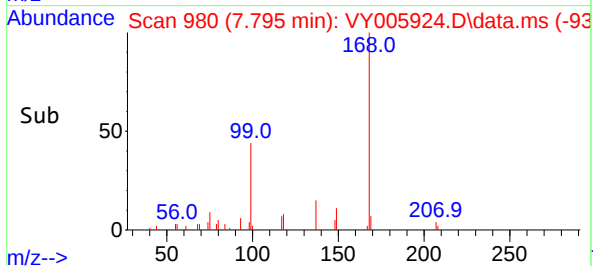
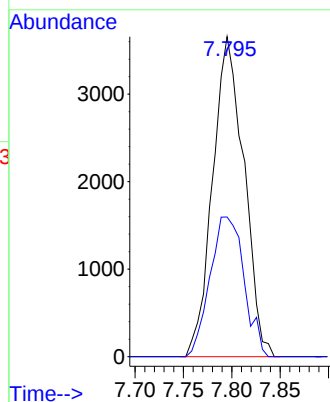
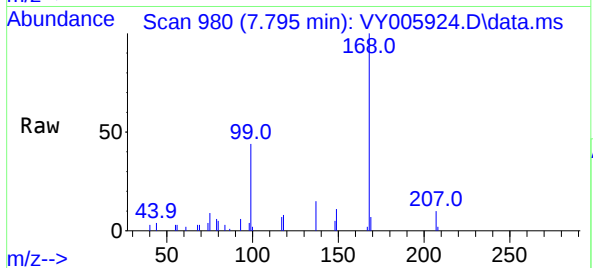




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005924.D
Acq: 01 Sep 2021 12:44

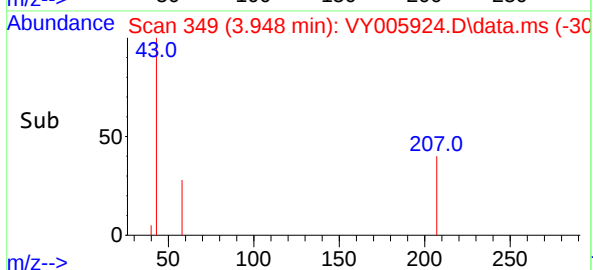
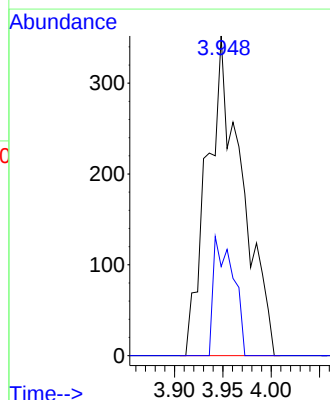
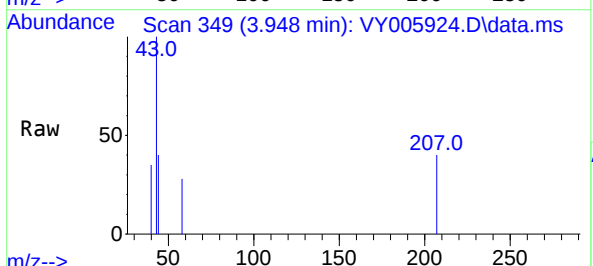
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-083121

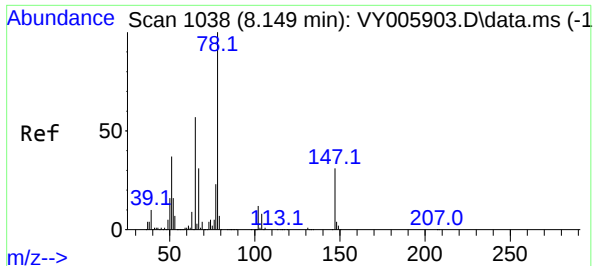
Tgt Ion:168 Resp: 8232
Ion Ratio Lower Upper
168 100
99 43.7 40.6 60.8



#16
Acetone
Concen: 41.603 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY005924.D
Acq: 01 Sep 2021 12:44

Tgt Ion: 43 Resp: 880
Ion Ratio Lower Upper
43 100
58 27.8 25.1 37.7



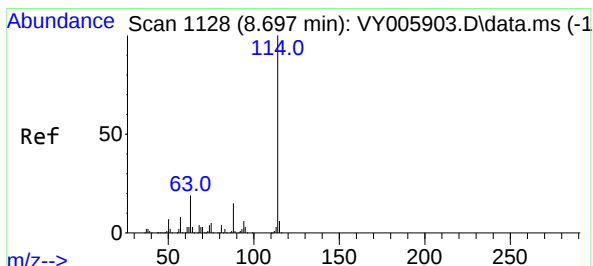
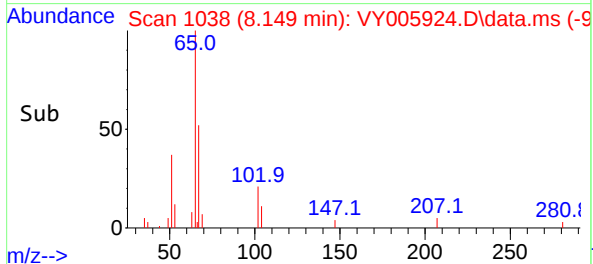
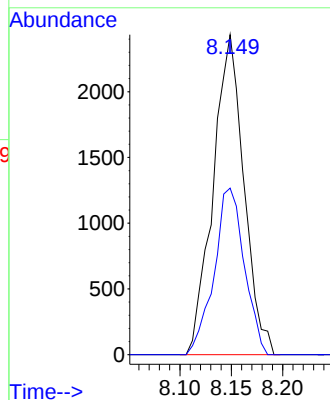
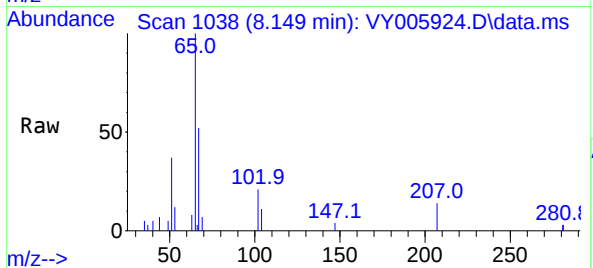


#33

1,2-Dichloroethane-d4
Concen: 61.153 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005924.D
Acq: 01 Sep 2021 12:44

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-083121

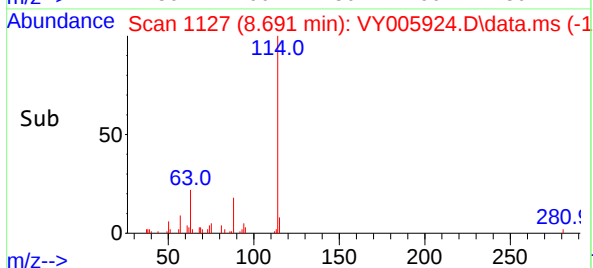
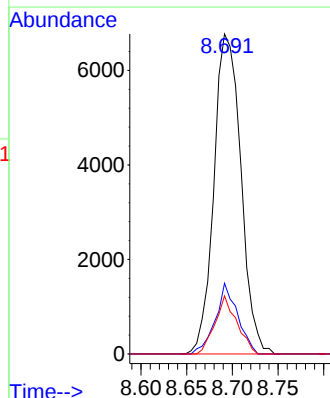
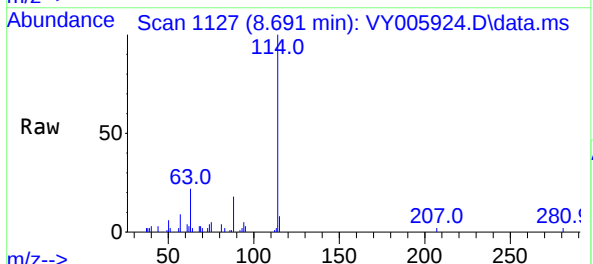
Tgt Ion: 65 Resp: 5073
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

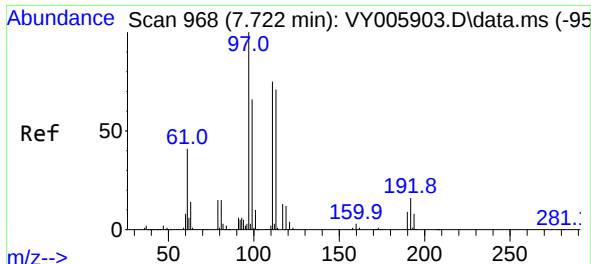


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005924.D
Acq: 01 Sep 2021 12:44

Tgt Ion: 114 Resp: 13882
Ion Ratio Lower Upper
114 100
63 22.1 0.0 38.4
88 18.2 0.0 30.0



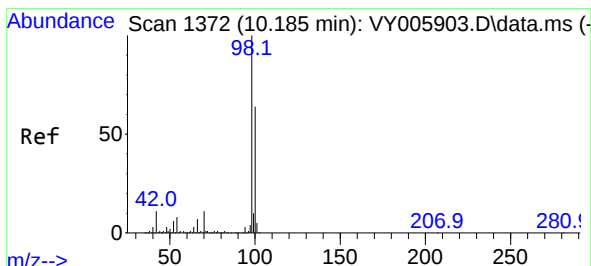
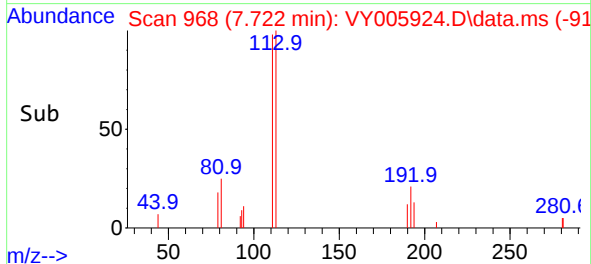
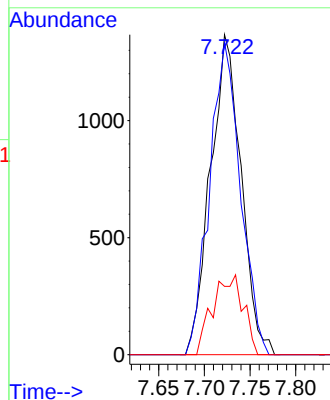
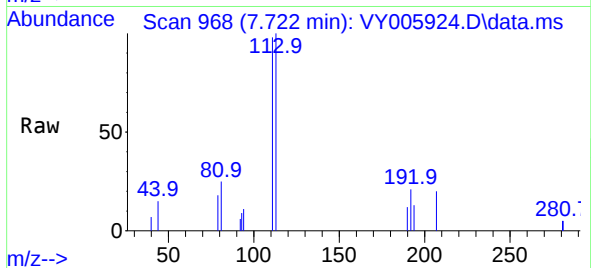


#35
Dibromofluoromethane
Concen: 41.021 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY005924.D
Acq: 01 Sep 2021 12:44

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-083121

Tgt Ion:113 Resp: 3198

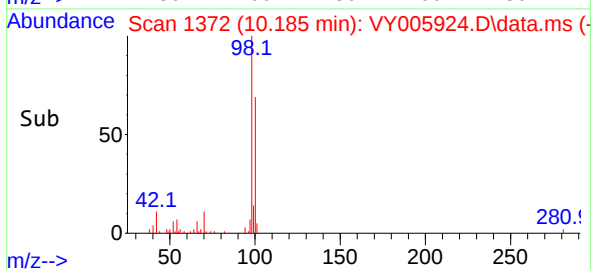
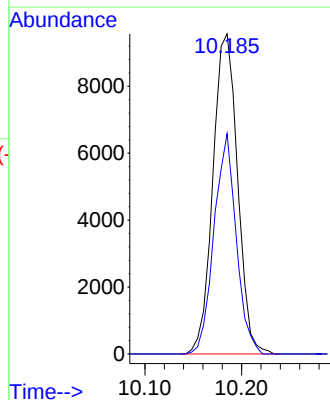
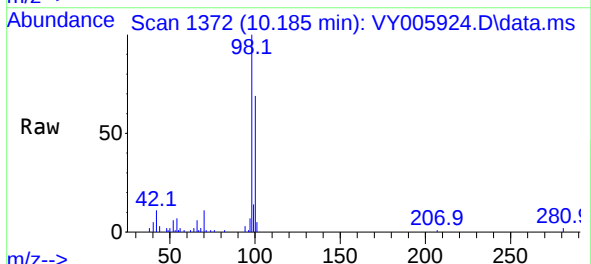
Ion	Ratio	Lower	Upper
113	100		
111	98.0	81.9	122.9
192	24.7	19.4	29.0

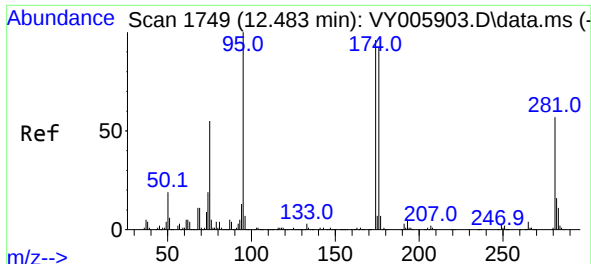


#50
Toluene-d8
Concen: 51.780 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005924.D
Acq: 01 Sep 2021 12:44

Tgt Ion: 98 Resp: 16942

Ion	Ratio	Lower	Upper
98	100		
100	62.0	50.9	76.3

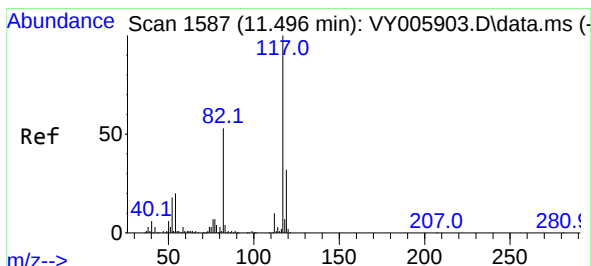
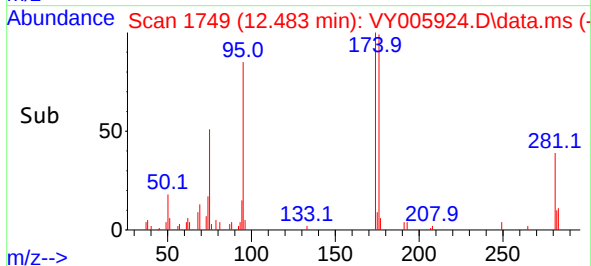
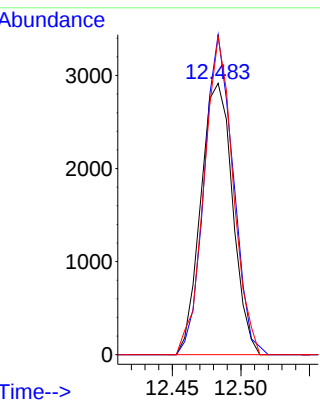
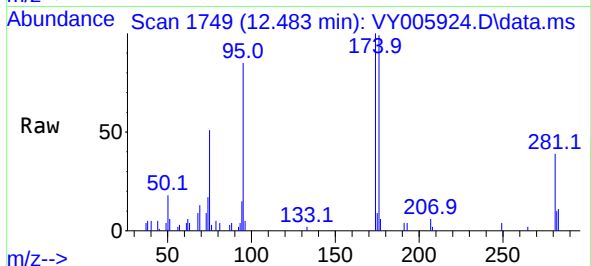




#62
4-Bromofluorobenzene
Concen: 42.899 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005924.D
Acq: 01 Sep 2021 12:44

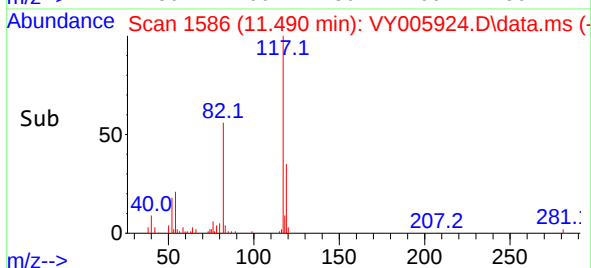
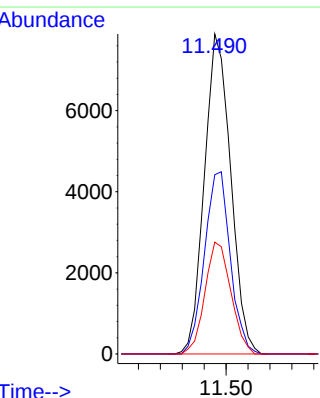
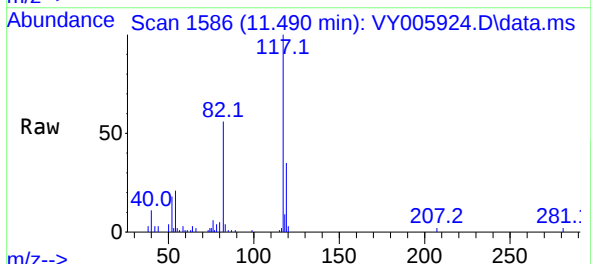
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-083121

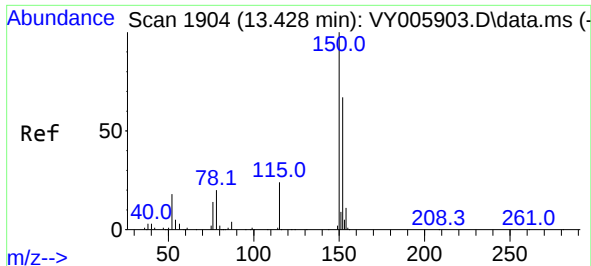
Tgt Ion:	95	Resp:	4713
Ion	Ratio	Lower	Upper
95	100		
174	106.9	0.0	192.4
176	106.6	0.0	186.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005924.D
Acq: 01 Sep 2021 12:44

Tgt Ion:	117	Resp:	13157
Ion	Ratio	Lower	Upper
117	100		
82	56.0	42.4	63.6
119	34.9	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY005924.D
 Acq: 01 Sep 2021 12:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-083121

Tgt Ion:152 Resp: 5076
 Ion Ratio Lower Upper
 152 100
 115 56.1 26.8 80.4
 150 153.3 0.0 345.6

