

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090821\
 Data File : VY005963.D
 Acq On : 08 Sep 2021 13:46
 Operator : SY/MD
 Sample : M3668-03RE
 Misc : 5.040G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1ARE

Quant Time: Sep 09 04:54:00 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)

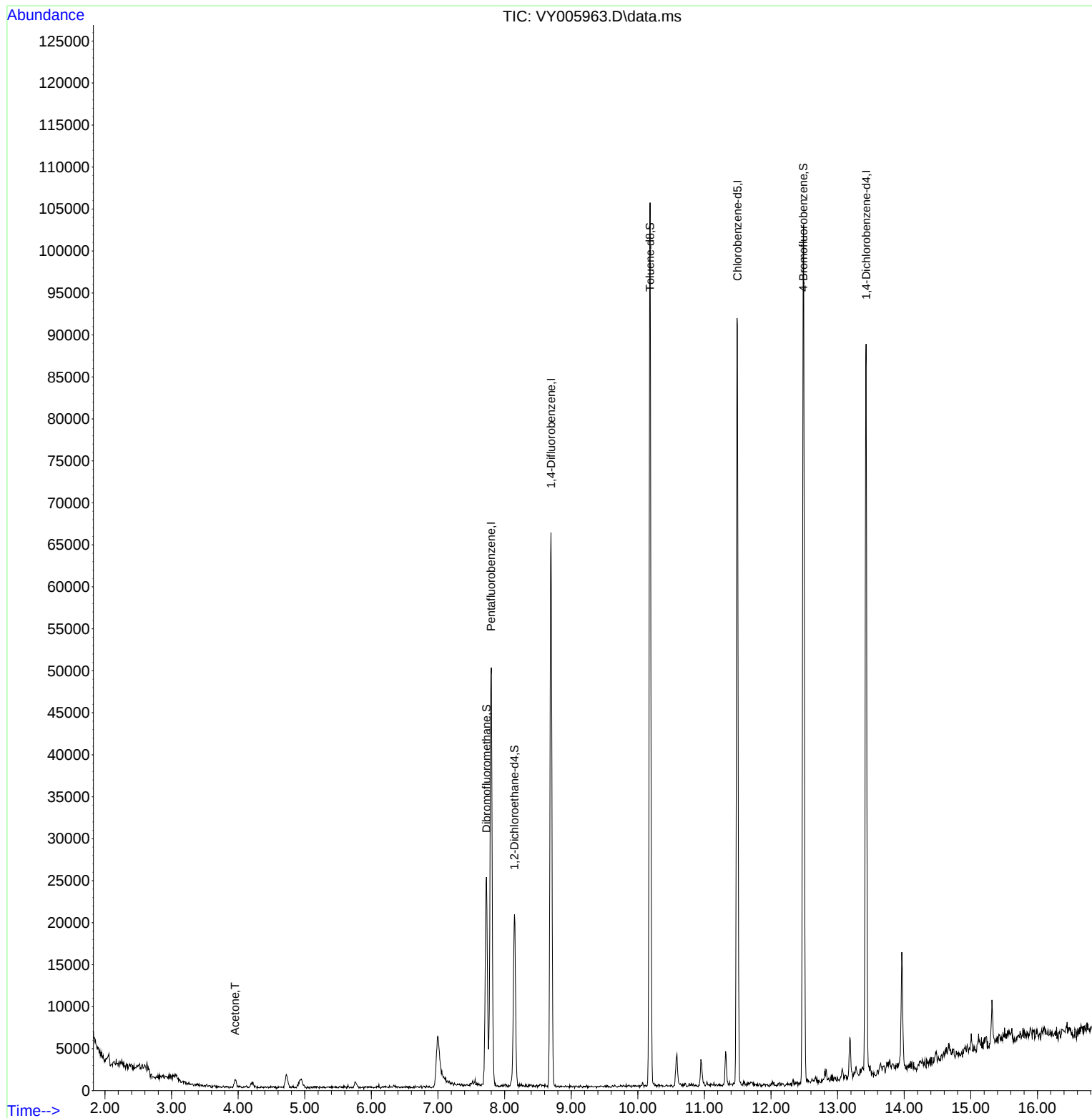
Internal Standards						
1) Pentafluorobenzene	7.795	168	42343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	57856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	52929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	16383	38.395	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	76.780%
35) Dibromofluoromethane	7.728	113	17307	53.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.540%
50) Toluene-d8	10.185	98	70263	51.527	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.060%
62) 4-Bromofluorobenzene	12.483	95	22368	48.851	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.700%
Target Compounds						
16) Acetone	3.954	43	1468	13.492	ug/l	Qvalue # 67

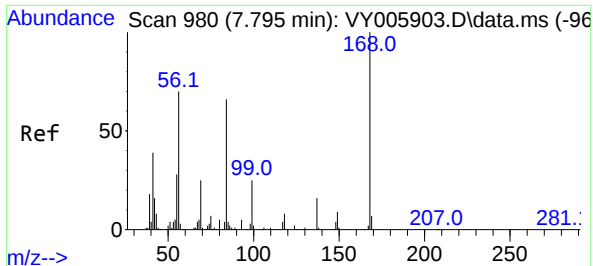
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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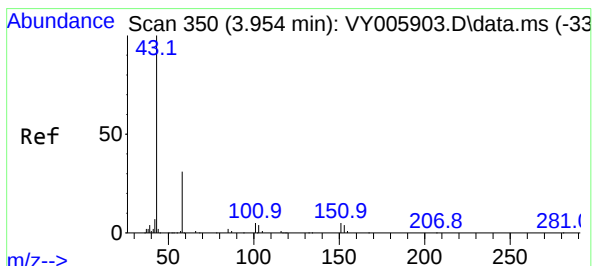
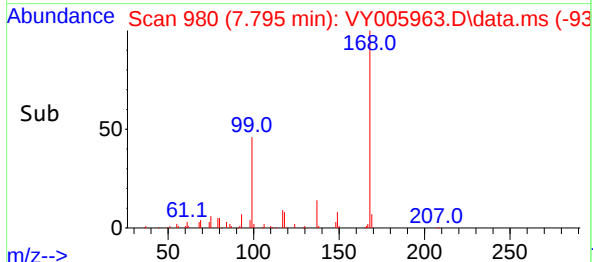
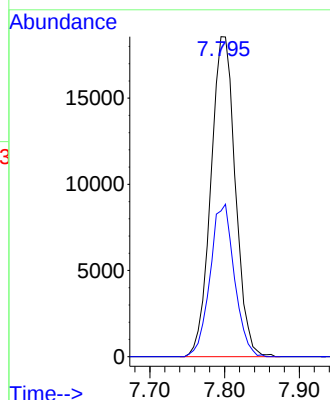
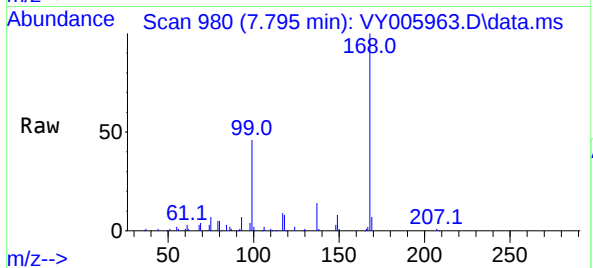




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

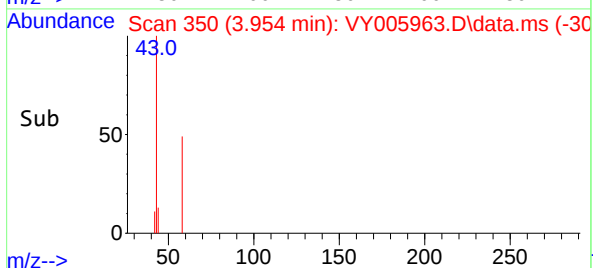
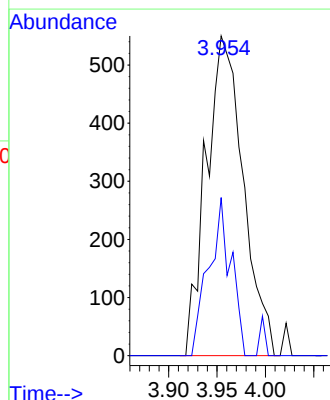
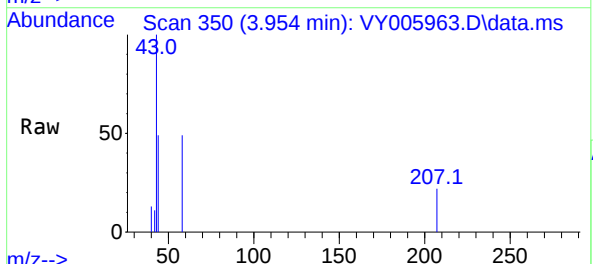
Instrument :
MSVOA_Y
ClientSampleId :
SP-1ARE

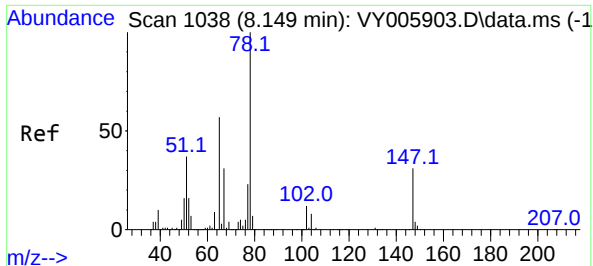
Tgt Ion:168 Resp: 42343
Ion Ratio Lower Upper
168 100
99 45.5 40.6 60.8



#16
Acetone
Concen: 13.492 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

Tgt Ion: 43 Resp: 1468
Ion Ratio Lower Upper
43 100
58 49.5 25.1 37.7#

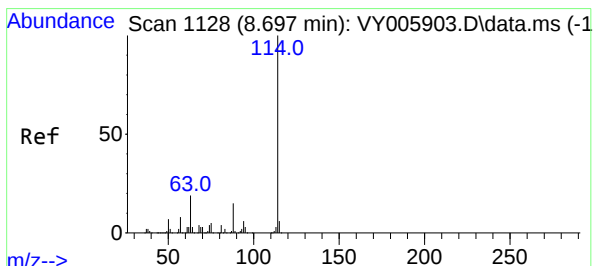
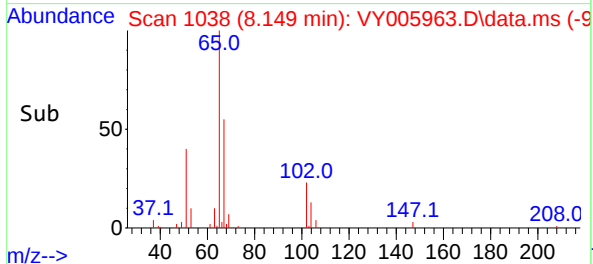
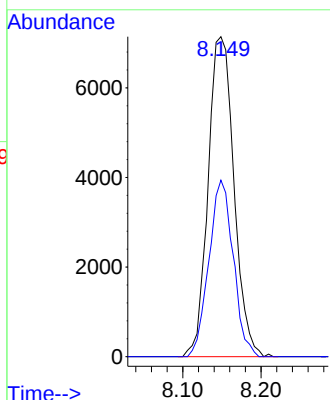
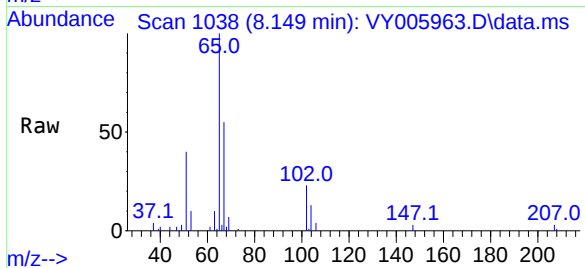




#33
1,2-Dichloroethane-d4
Concen: 38.395 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

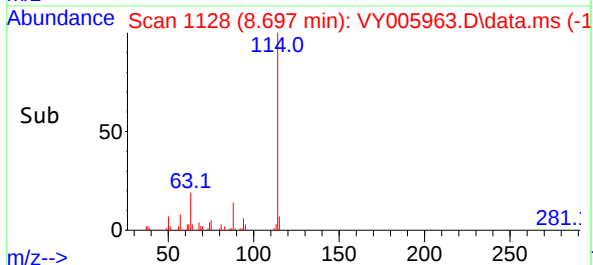
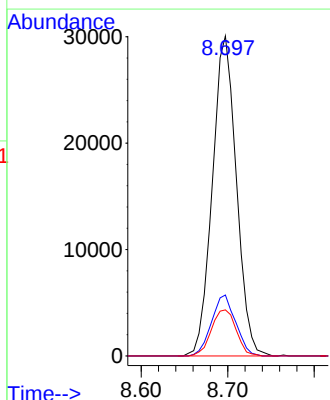
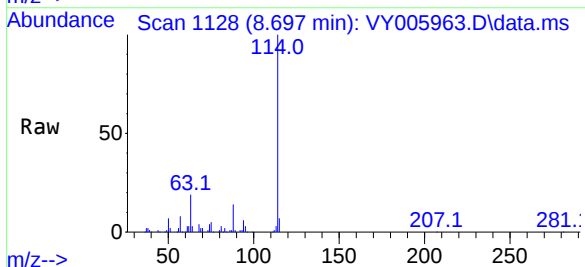
Instrument :
MSVOA_Y
ClientSampleId :
SP-1ARE

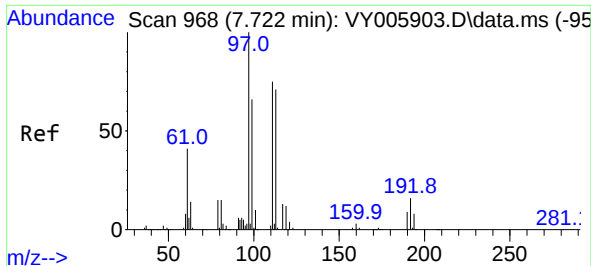
Tgt Ion: 65 Resp: 16383
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

Tgt Ion:114 Resp: 57856
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.4
88 14.4 0.0 30.0

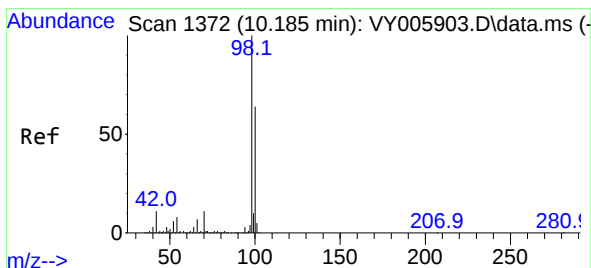
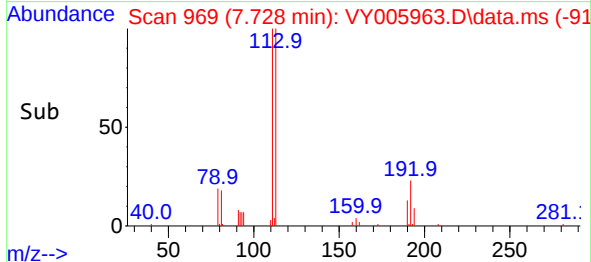
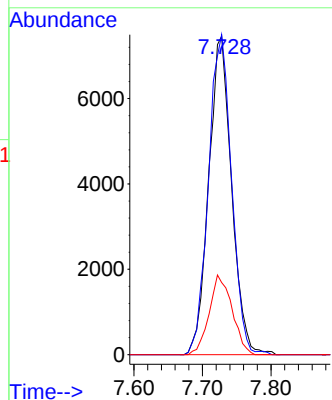
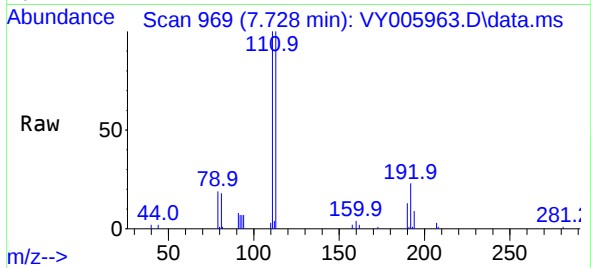




#35
Dibromofluoromethane
Concen: 53.266 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

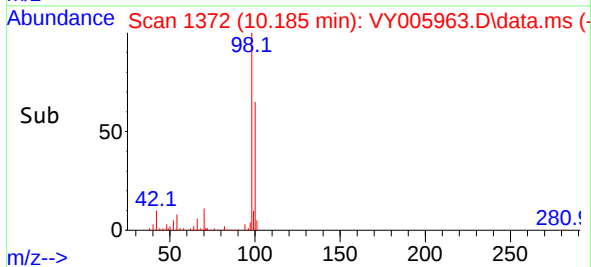
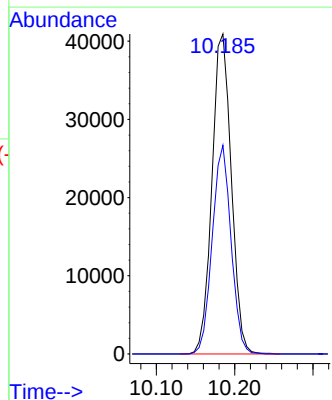
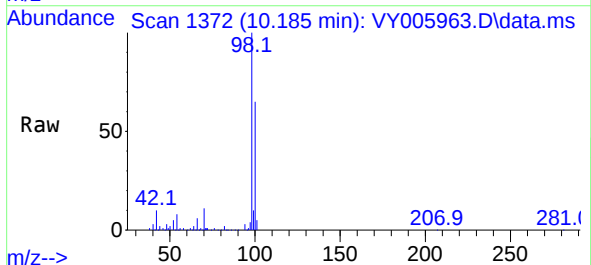
Instrument :
MSVOA_Y
ClientSampleId :
SP-1ARE

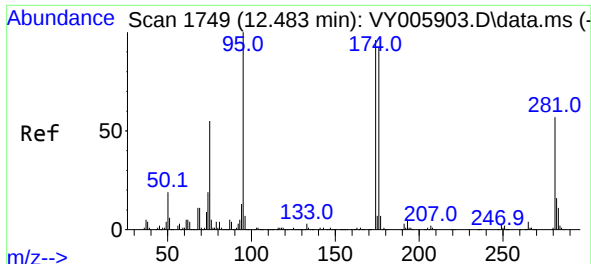
Tgt Ion:113 Resp: 17307
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 25.0 19.4 29.0



#50
Toluene-d8
Concen: 51.527 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

Tgt Ion: 98 Resp: 70263
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



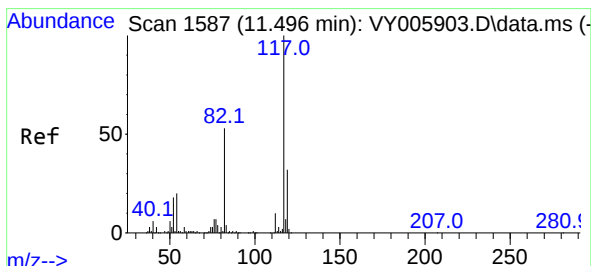
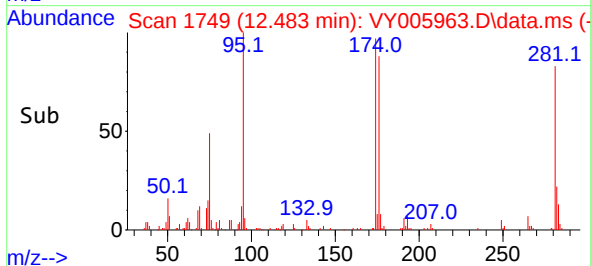
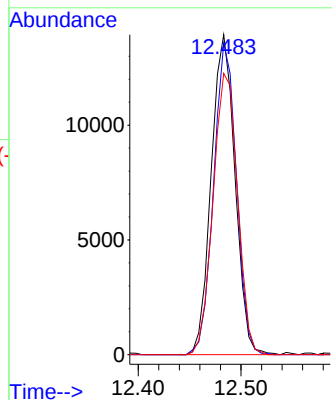
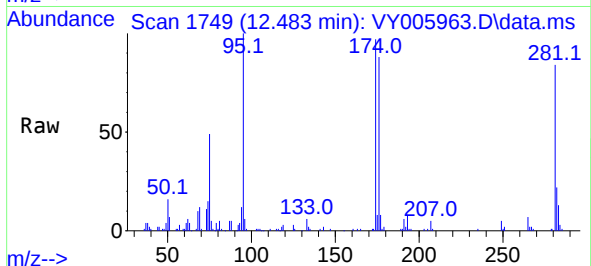


#62
4-Bromofluorobenzene
Concen: 48.851 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

Instrument :
MSVOA_Y
ClientSampleId :
SP-1ARE

Tgt Ion: 95 Resp: 22368

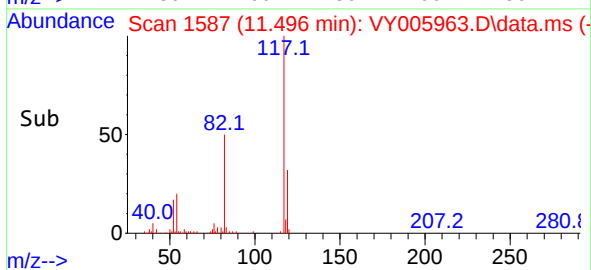
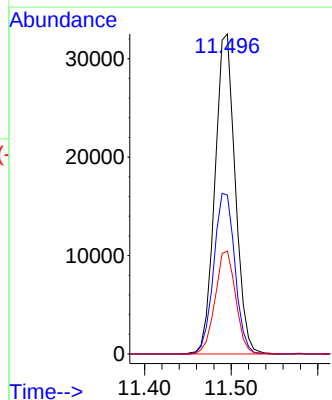
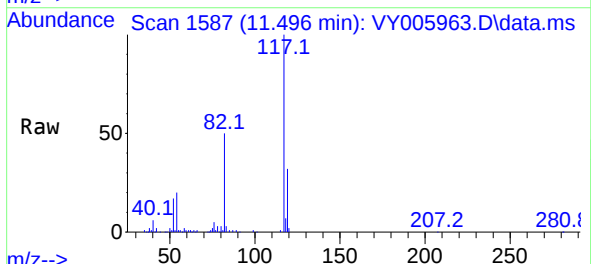
Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	192.4
176	90.6	0.0	186.8

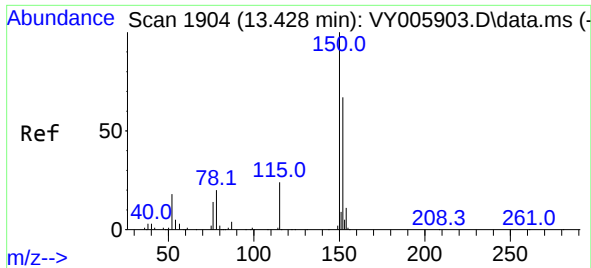


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005963.D
Acq: 08 Sep 2021 13:46

Tgt Ion: 117 Resp: 52929

Ion	Ratio	Lower	Upper
117	100		
82	49.7	42.4	63.6
119	32.1	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: VY005963.D
 Acq: 08 Sep 2021 13:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1ARE

Tgt Ion:	152	Resp:	24164
Ion	Ratio	Lower	Upper
152	100		
115	52.6	26.8	80.4
150	156.3	0.0	345.6

