

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
 Data File : VY012135.D
 Acq On : 10 Jan 2023 12:34
 Operator : KP/MD
 Sample : 01076-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-010923

Quant Time: Jan 11 03:08:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

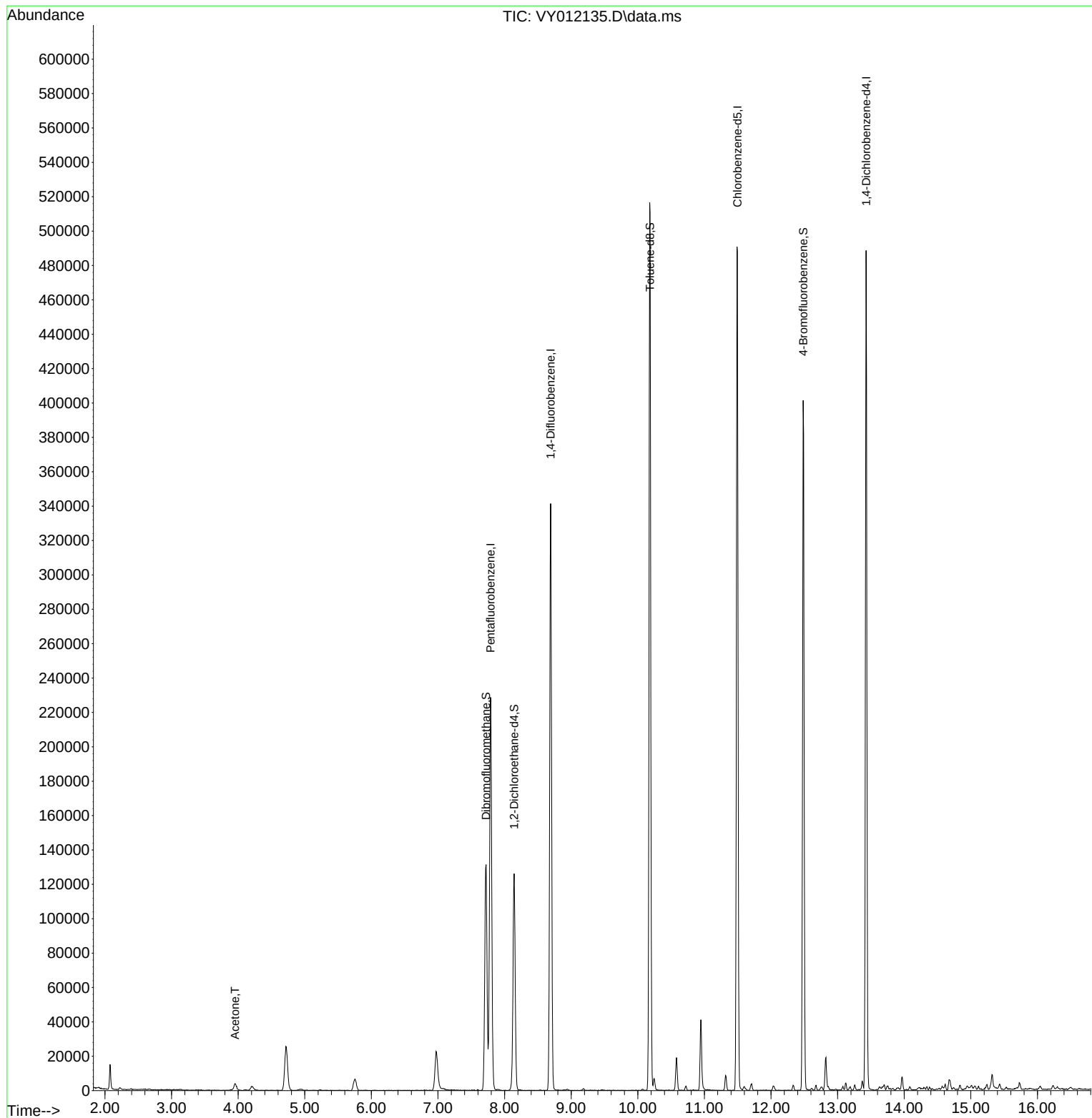
Internal Standards						
1) Pentafluorobenzene	7.789	168	179466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	298900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	283001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	102638	50.897	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.800%
35) Dibromofluoromethane	7.722	113	90427	46.028	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.060%
50) Toluene-d8	10.185	98	354269	45.686	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.380%
62) 4-Bromofluorobenzene	12.483	95	114726	42.326	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.660%
Target Compounds						
16) Acetone	3.954	43	7087	14.940	ug/l	99

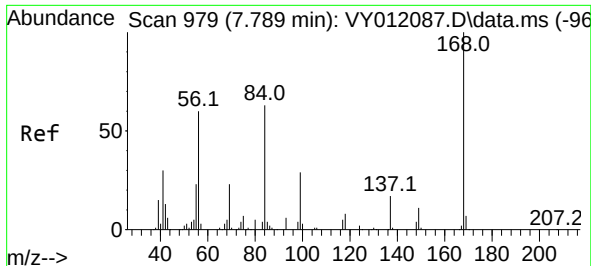
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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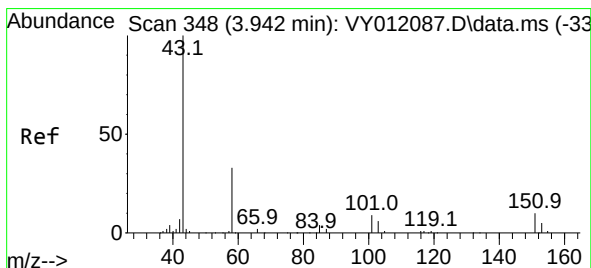
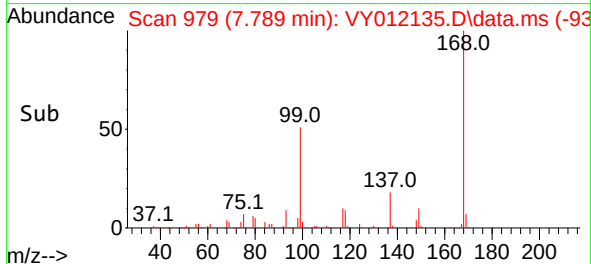
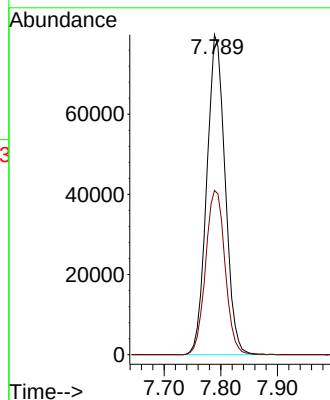
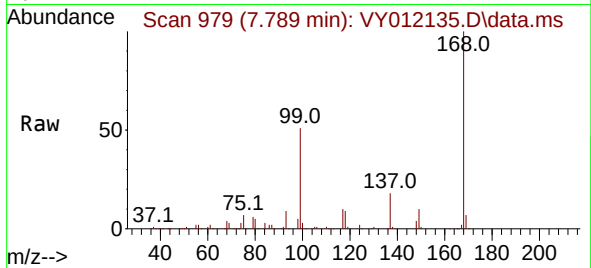




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012135.D
Acq: 10 Jan 2023 12:34

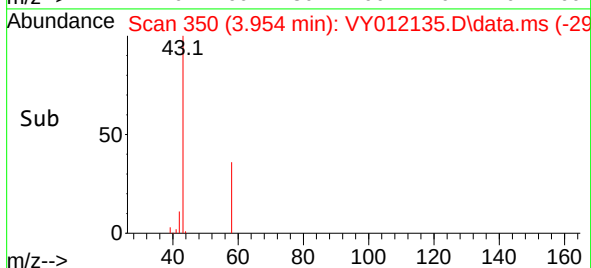
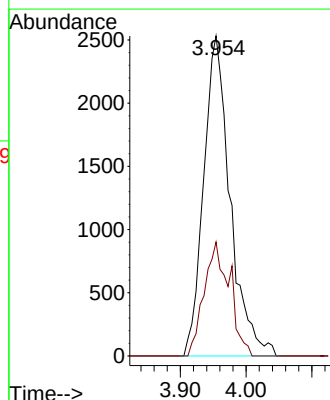
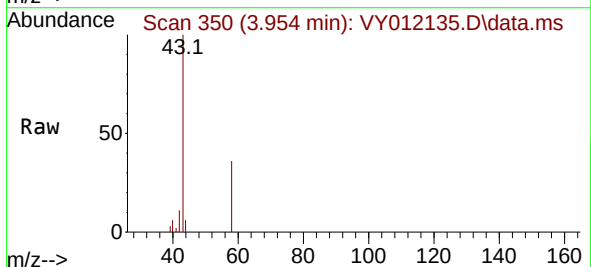
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-010923

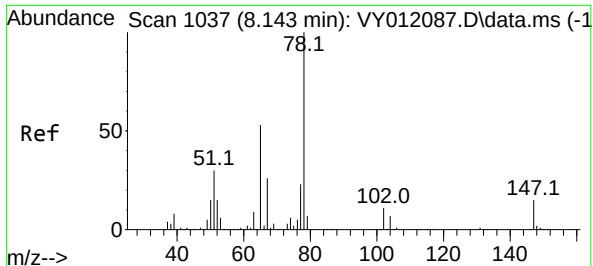
Tgt Ion:168 Resp: 179466
Ion Ratio Lower Upper
168 100
99 51.4 44.0 66.0



#16
Acetone
Concen: 14.940 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012135.D
Acq: 10 Jan 2023 12:34

Tgt Ion: 43 Resp: 7087
Ion Ratio Lower Upper
43 100
58 35.6 27.9 41.9





#33

1,2-Dichloroethane-d4

Concen: 50.897 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012135.D

Acq: 10 Jan 2023 12:34

Instrument :

MSVOA_Y

ClientSampleId :

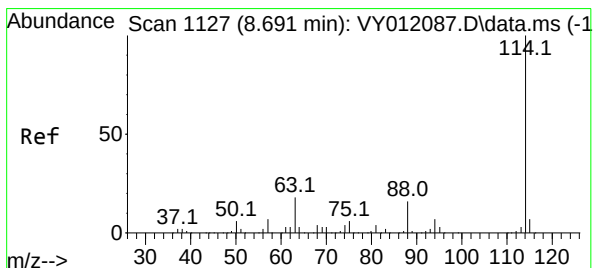
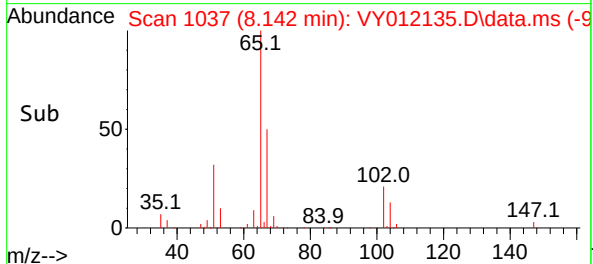
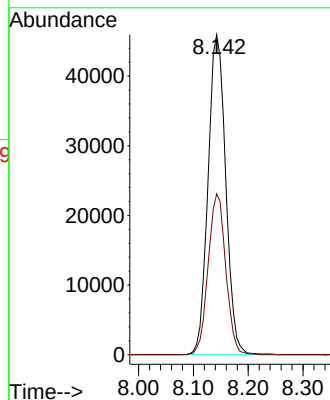
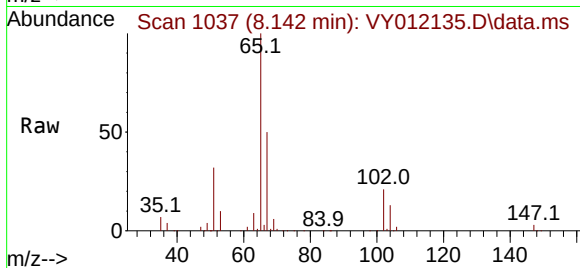
BU-03-010923

Tgt Ion: 65 Resp: 102638

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012135.D

Acq: 10 Jan 2023 12:34

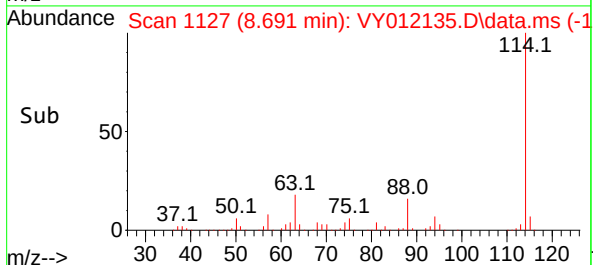
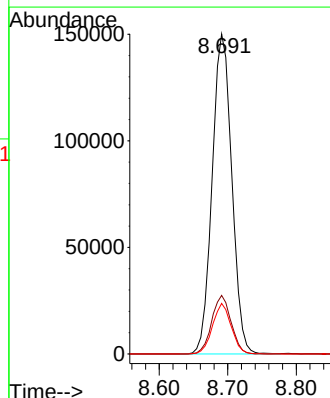
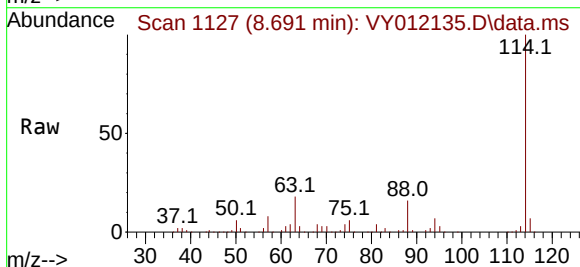
Tgt Ion: 114 Resp: 298900

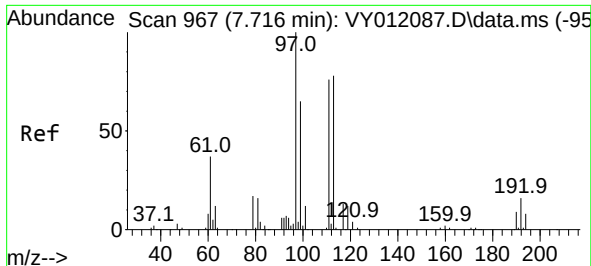
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.8 0.0 32.2

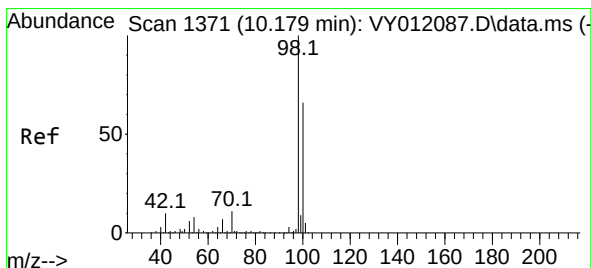
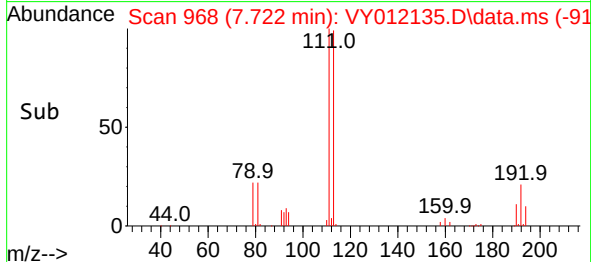
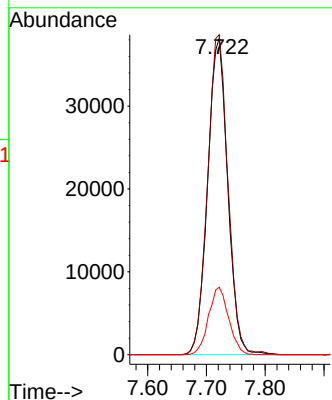
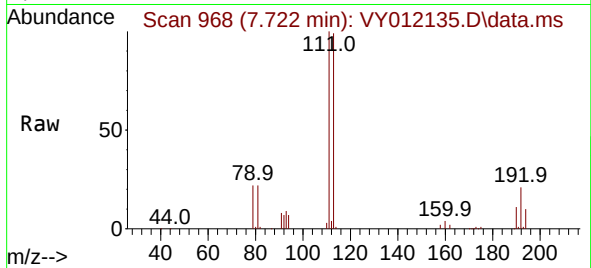




#35
Dibromofluoromethane
Concen: 46.028 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY012135.D
Acq: 10 Jan 2023 12:34

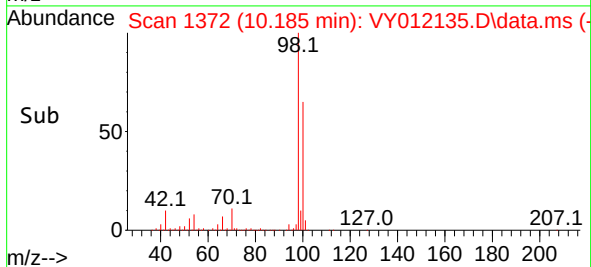
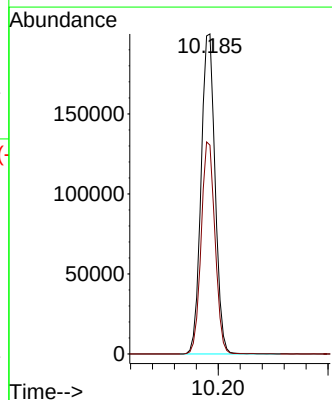
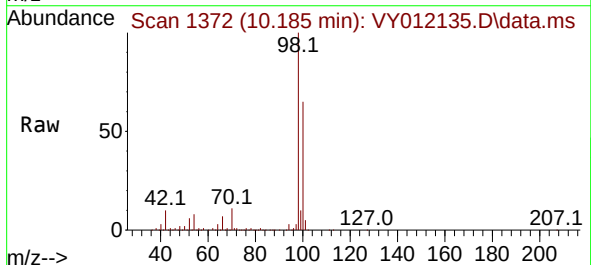
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-010923

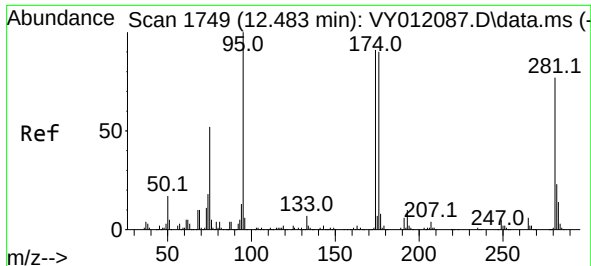
Tgt Ion:113 Resp: 90427
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.4
192 21.4 16.0 24.0



#50
Toluene-d8
Concen: 45.686 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY012135.D
Acq: 10 Jan 2023 12:34

Tgt Ion: 98 Resp: 354269
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

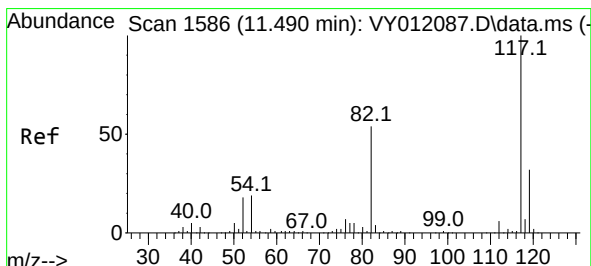
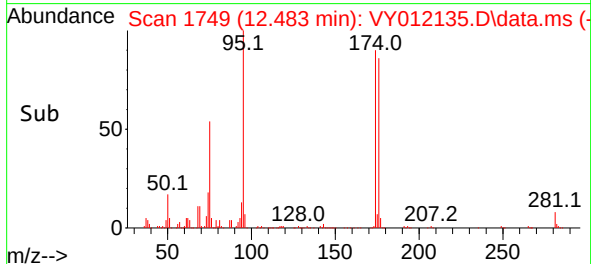
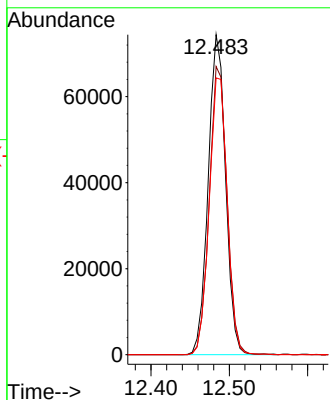
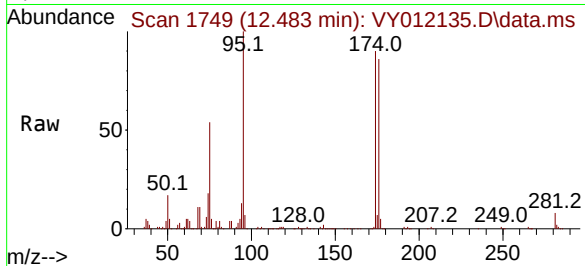




#62
4-Bromofluorobenzene
Concen: 42.326 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012135.D
Acq: 10 Jan 2023 12:34

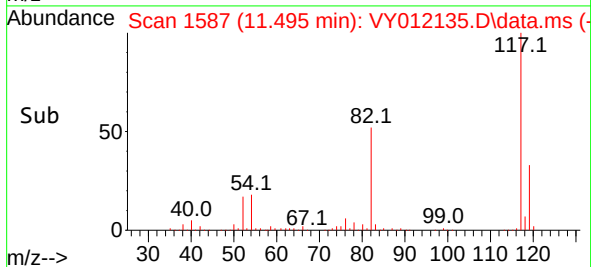
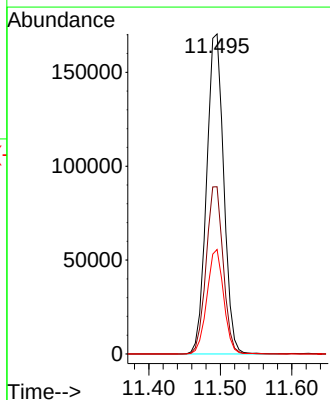
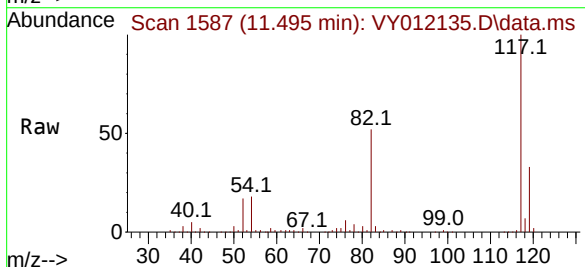
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-010923

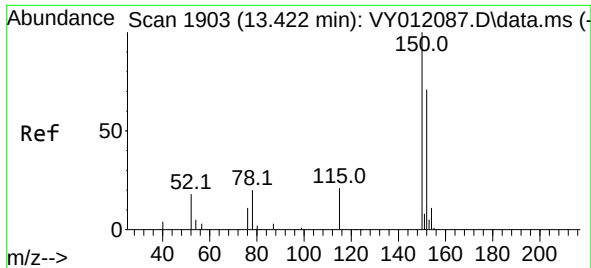
Tgt Ion: 95 Resp: 114726
Ion Ratio Lower Upper
95 100
174 91.7 0.0 172.0
176 89.8 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.005 min
Lab File: VY012135.D
Acq: 10 Jan 2023 12:34

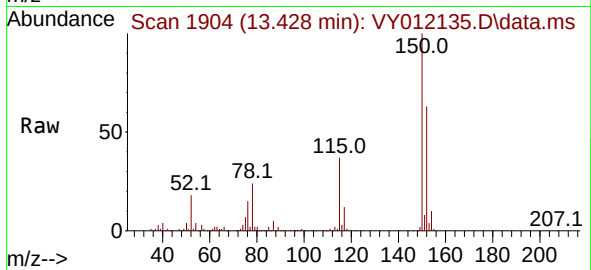
Tgt Ion: 117 Resp: 283001
Ion Ratio Lower Upper
117 100
82 52.3 44.8 67.2
119 32.7 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012135.D
 Acq: 10 Jan 2023 12:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-010923



Tgt Ion:152 Resp: 127148
 Ion Ratio Lower Upper
 152 100
 115 57.5 29.1 87.3
 150 156.6 0.0 342.6

