

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016760.D
 Acq On : 21 Dec 2023 16:36
 Operator : SY/MD
 Sample : 05878-05
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLZ5

Quant Time: Dec 22 00:44:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

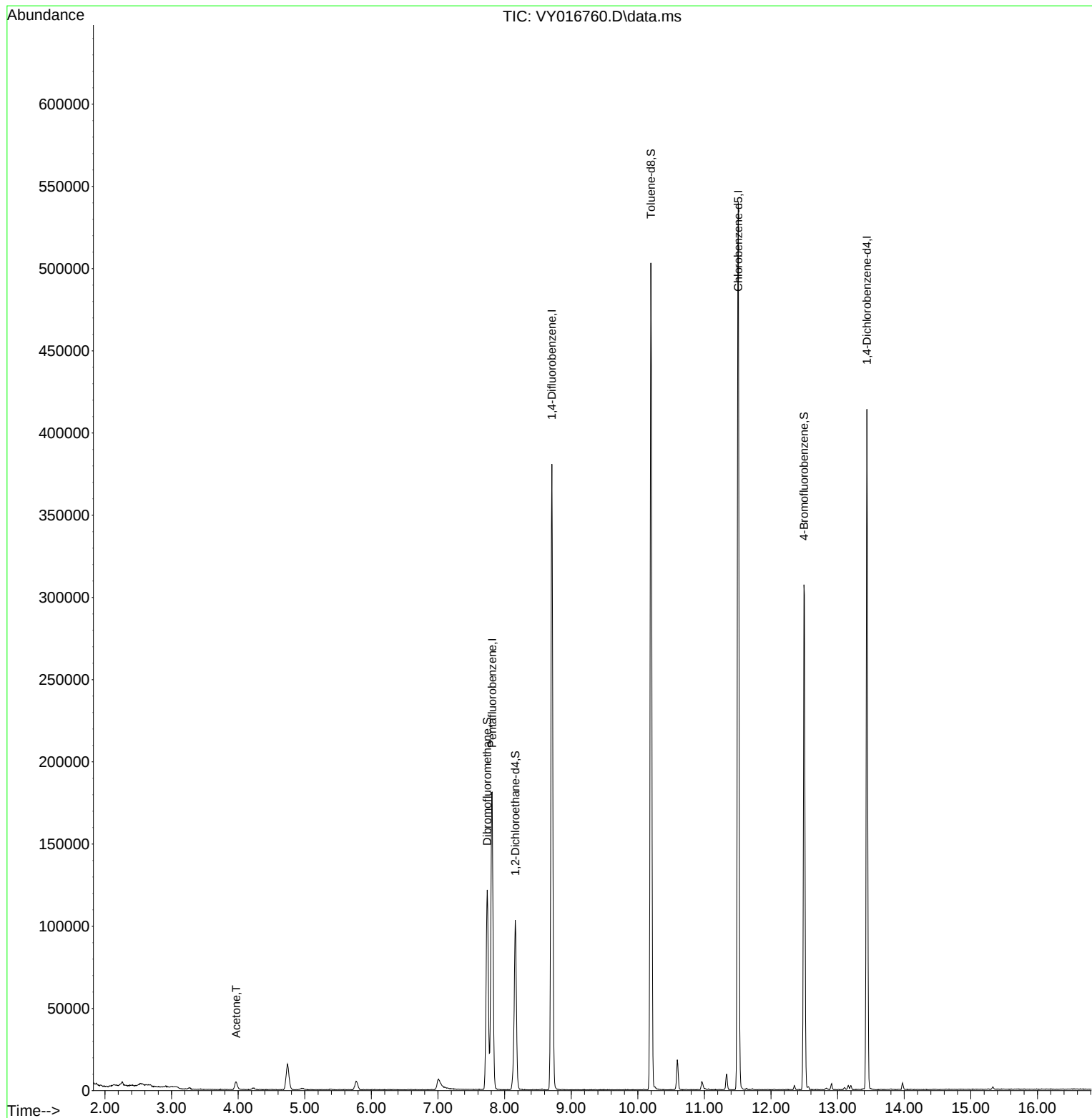
Internal Standards						
1) Pentafluorobenzene	7.813	168	138288	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	320659	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	297791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	99063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	74888	59.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.640%
35) Dibromofluoromethane	7.740	113	88087	47.956	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.920%
50) Toluene-d8	10.197	98	324451	48.999	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.495	95	93081	43.329	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.660%
Target Compounds						
16) Acetone	3.972	43	8533	24.996	ug/l	Qvalue 96

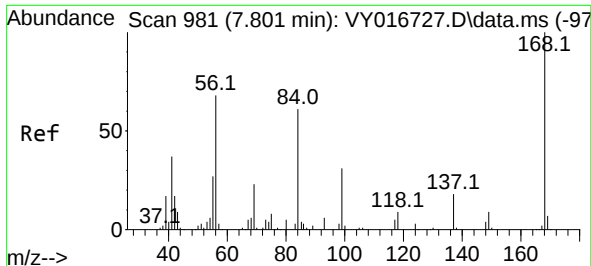
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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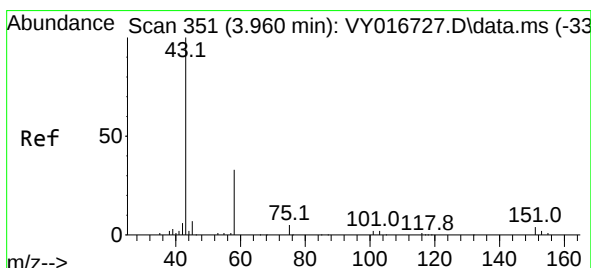
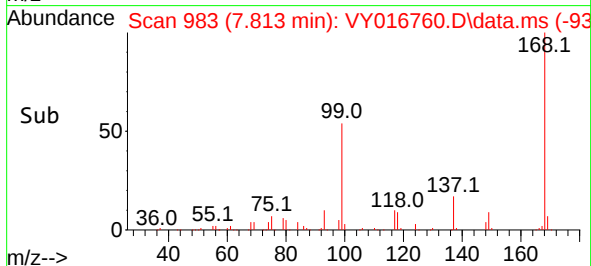
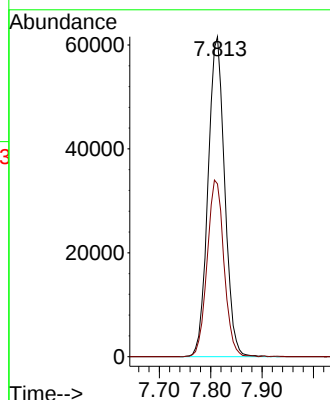
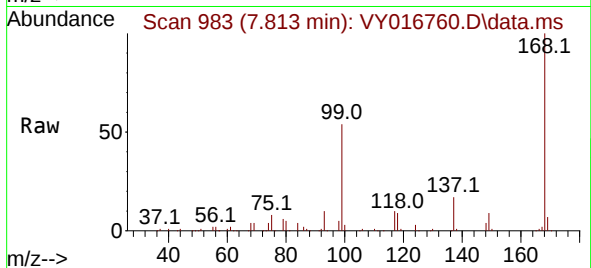




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016760.D
Acq: 21 Dec 2023 16:36

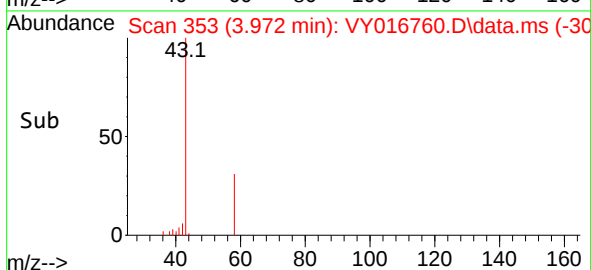
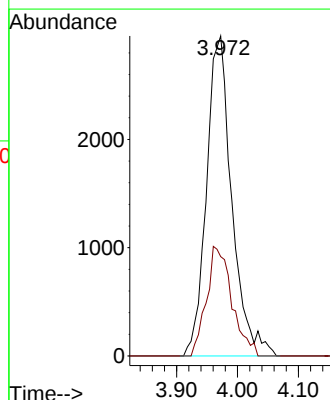
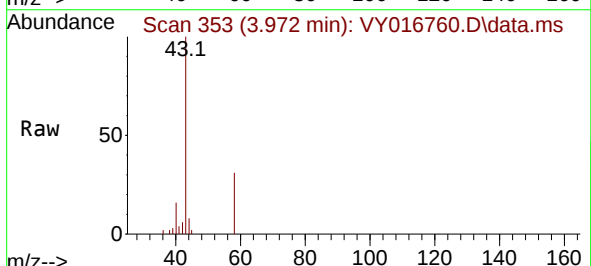
Instrument :
MSVOA_Y
ClientSampleId :
COLZ5

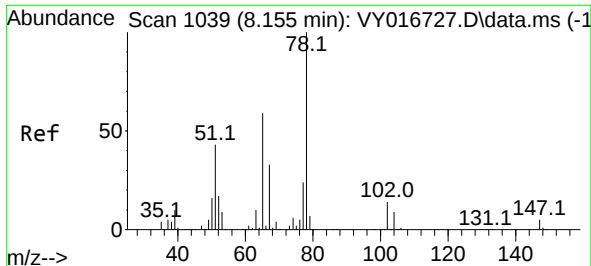
Tgt Ion:168 Resp: 138288
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#16
Acetone
Concen: 24.996 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY016760.D
Acq: 21 Dec 2023 16:36

Tgt Ion: 43 Resp: 8533
Ion Ratio Lower Upper
43 100
58 31.0 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 59.321 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016760.D

Acq: 21 Dec 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

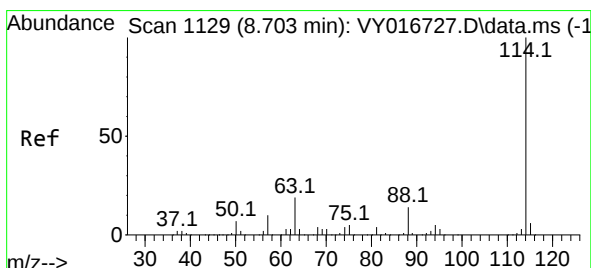
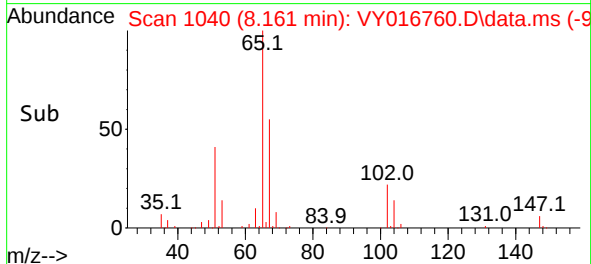
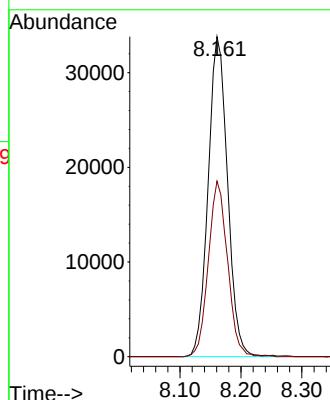
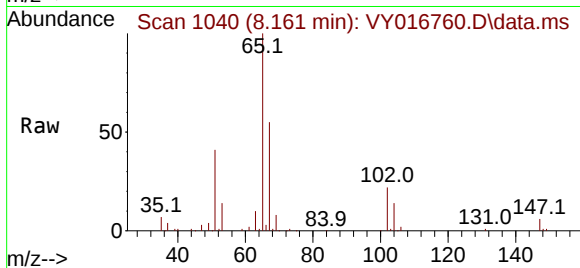
C0LZ5

Tgt Ion: 65 Resp: 74888

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016760.D

Acq: 21 Dec 2023 16:36

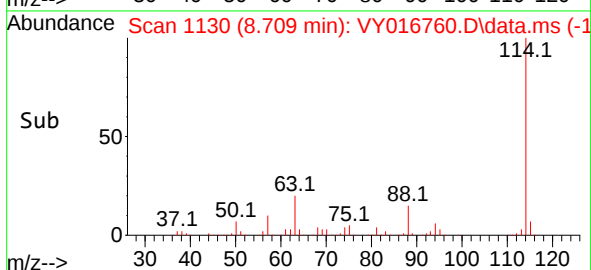
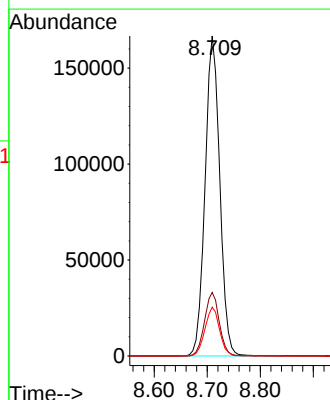
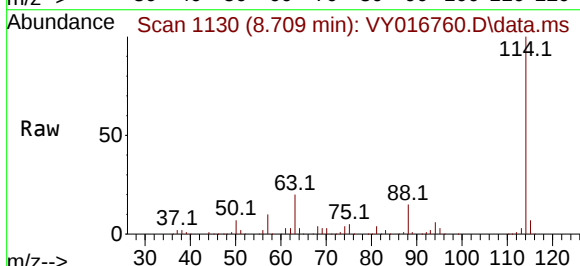
Tgt Ion: 114 Resp: 320659

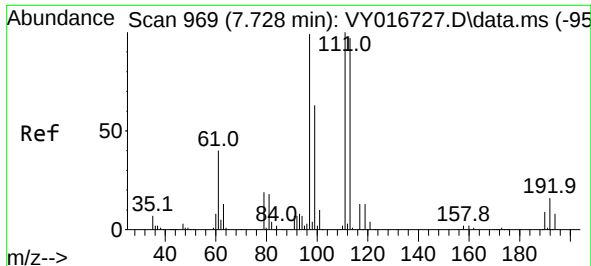
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 15.3 0.0 29.0

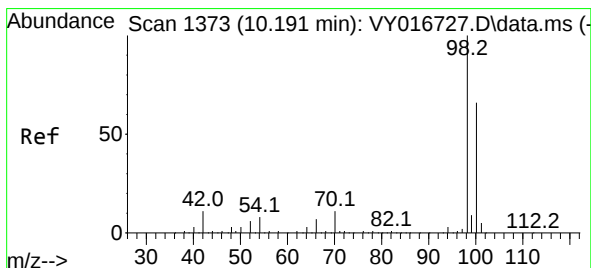
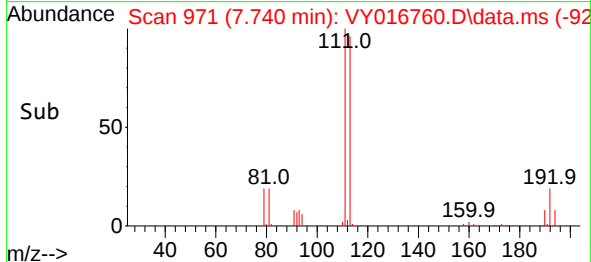
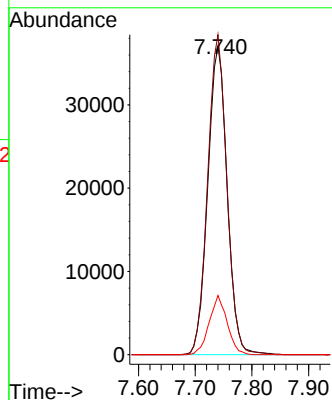
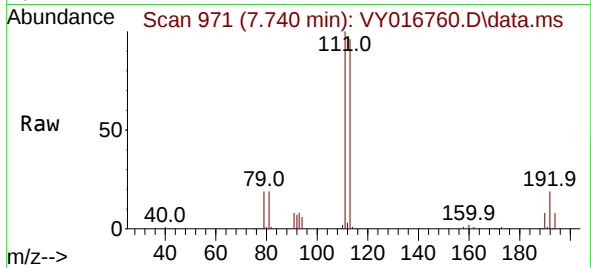




#35
Dibromofluoromethane
Concen: 47.956 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016760.D
Acq: 21 Dec 2023 16:36

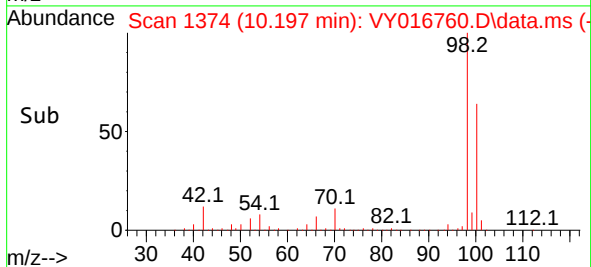
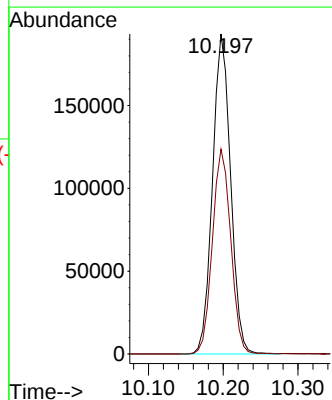
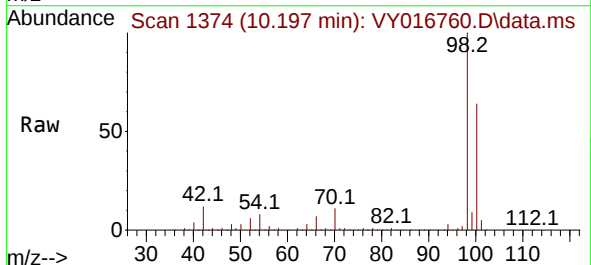
Instrument :
MSVOA_Y
ClientSampleId :
COLZ5

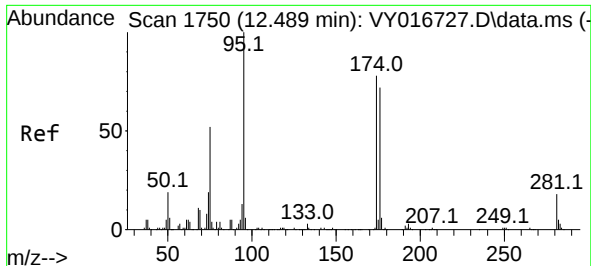
Tgt Ion:113 Resp: 88087
Ion Ratio Lower Upper
113 100
111 102.6 83.8 125.6
192 17.8 14.5 21.7



#50
Toluene-d8
Concen: 48.999 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016760.D
Acq: 21 Dec 2023 16:36

Tgt Ion: 98 Resp: 324451
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

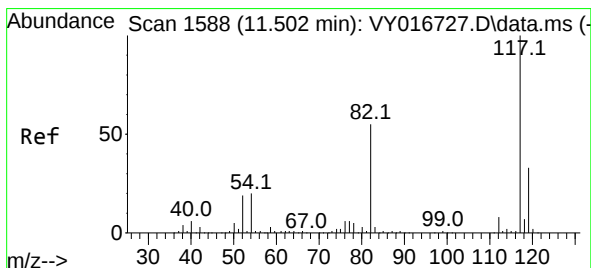
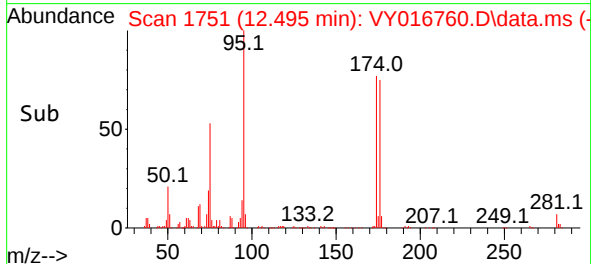
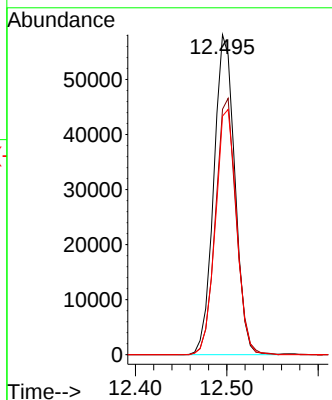
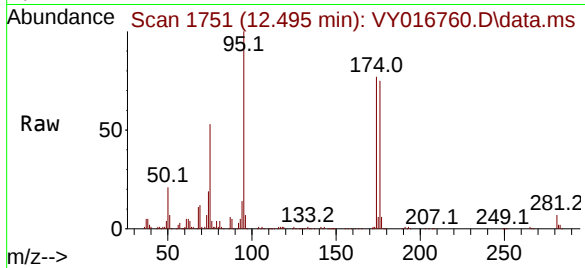




#62
4-Bromofluorobenzene
Concen: 43.329 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016760.D
Acq: 21 Dec 2023 16:36

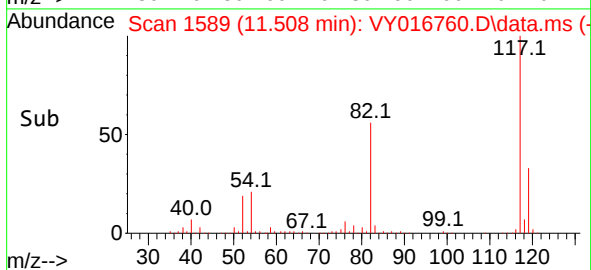
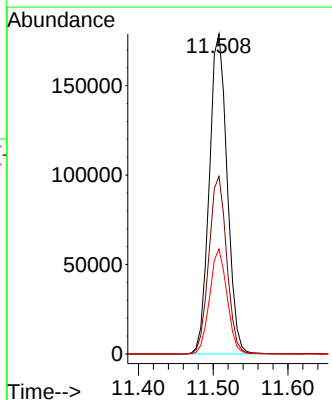
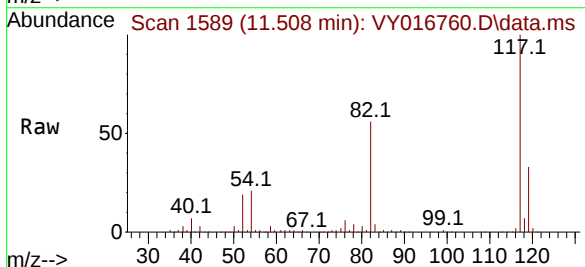
Instrument :
MSVOA_Y
ClientSampleId :
COLZ5

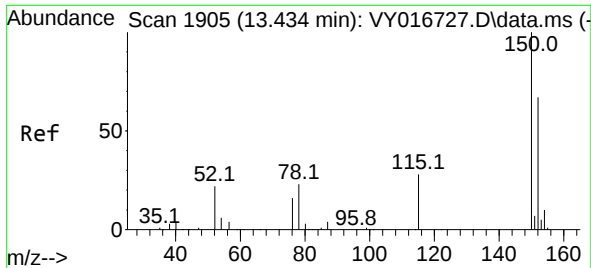
Tgt Ion: 95 Resp: 93081
Ion Ratio Lower Upper
95 100
174 78.7 0.0 160.0
176 77.0 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016760.D
Acq: 21 Dec 2023 16:36

Tgt Ion: 117 Resp: 297791
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 32.8 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016760.D

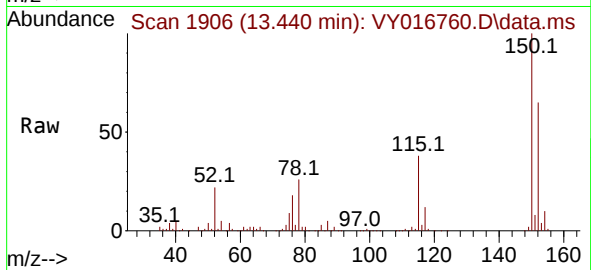
Acq: 21 Dec 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

C0LZ5



Tgt Ion:152 Resp: 99063

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 155.9 0.0 344.6

