

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016759.D
 Acq On : 21 Dec 2023 16:06
 Operator : SY/MD
 Sample : 05877-07
 Misc : 3.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM32

Quant Time: Dec 22 00:44:06 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)

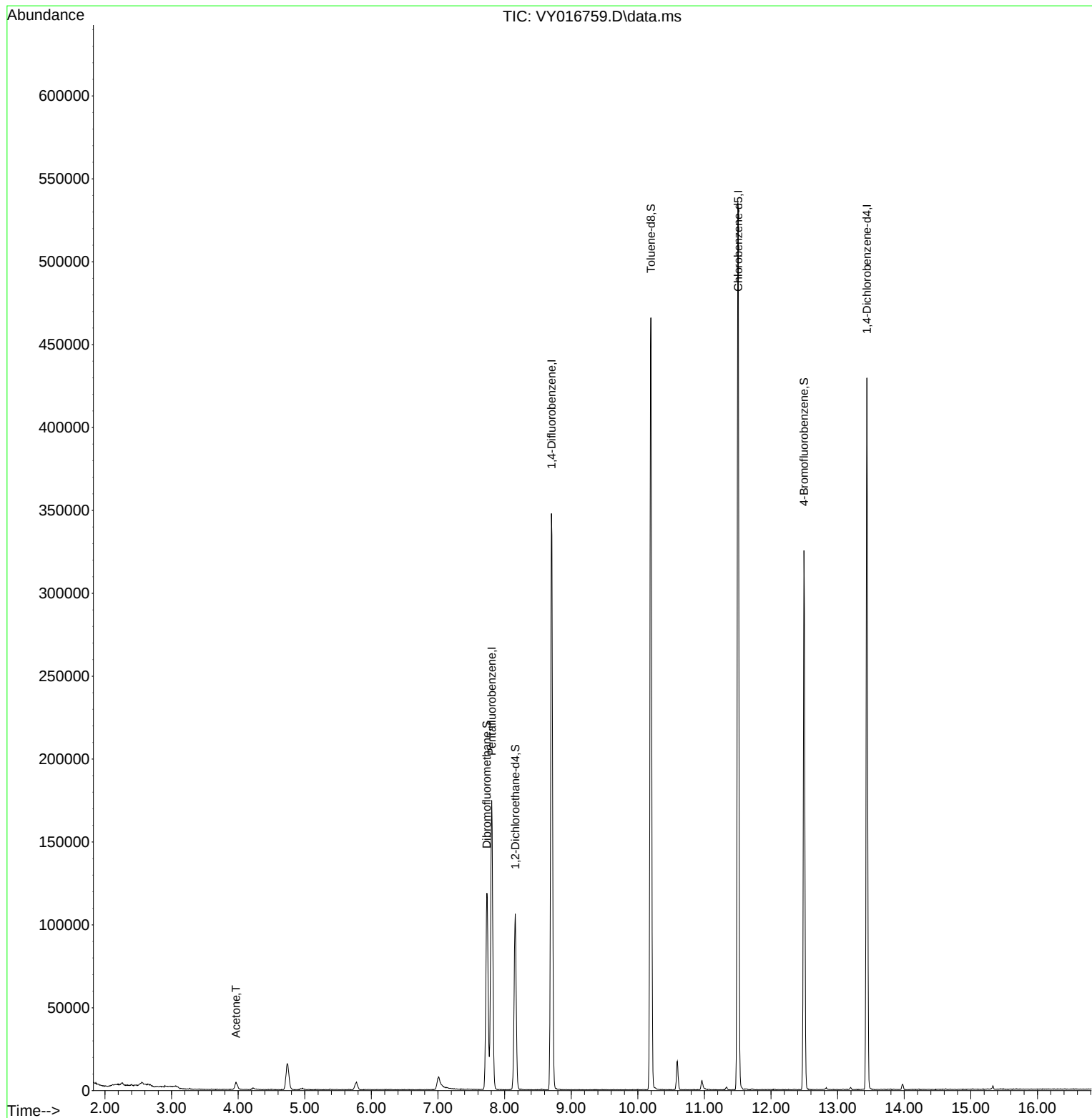
Internal Standards						
1) Pentafluorobenzene	7.807	168	132192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	301588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	292132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	104128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	79728	66.067	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.140%
35) Dibromofluoromethane	7.734	113	85960	49.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.520%
50) Toluene-d8	10.197	98	306958	49.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.495	95	96953	47.986	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.980%
Target Compounds						
16) Acetone	3.966	43	7922	24.276	ug/l	Qvalue 94

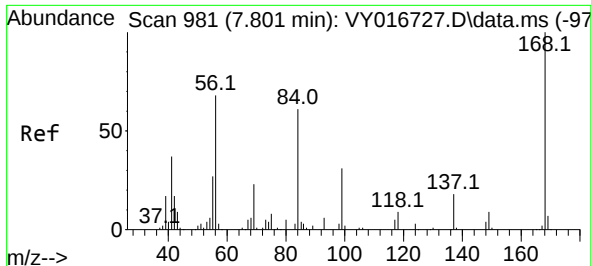
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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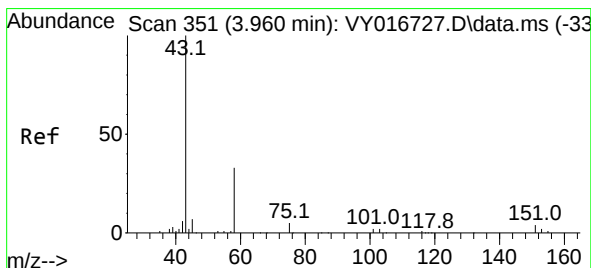
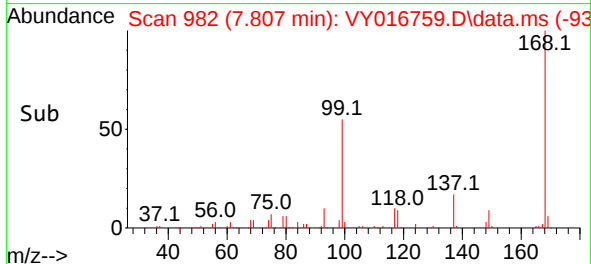
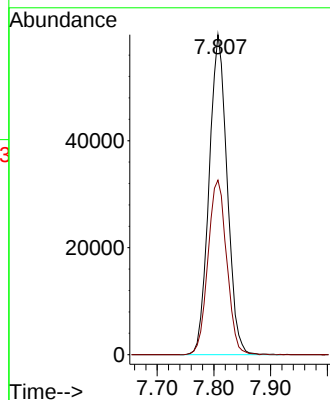
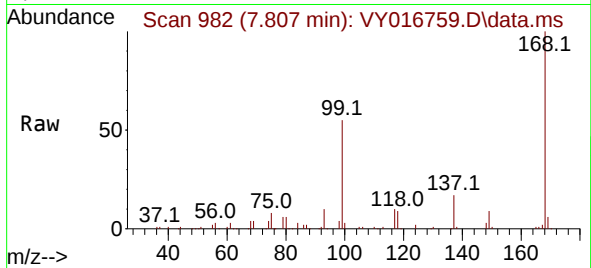




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016759.D
Acq: 21 Dec 2023 16:06

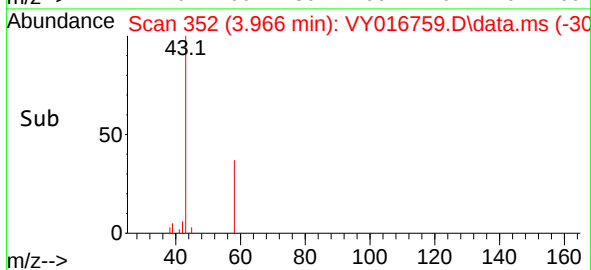
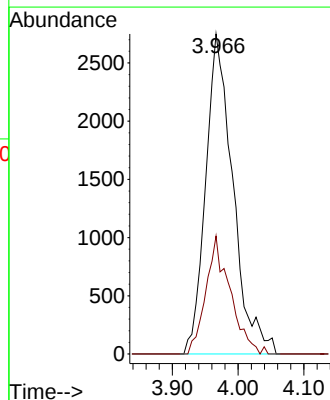
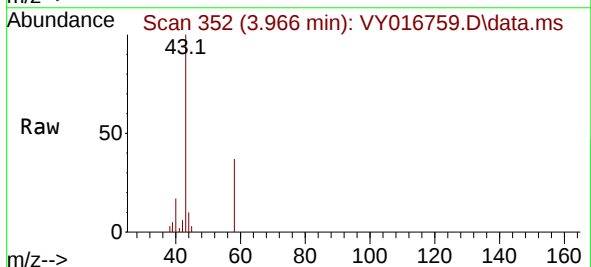
Instrument :
MSVOA_Y
ClientSampleId :
COM32

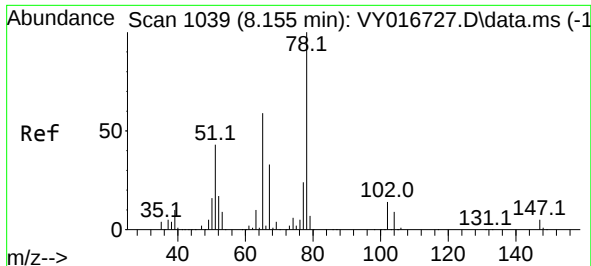
Tgt Ion:168 Resp: 132192
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#16
Acetone
Concen: 24.276 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016759.D
Acq: 21 Dec 2023 16:06

Tgt Ion: 43 Resp: 7922
Ion Ratio Lower Upper
43 100
58 36.8 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 66.067 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY016759.D

Acq: 21 Dec 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

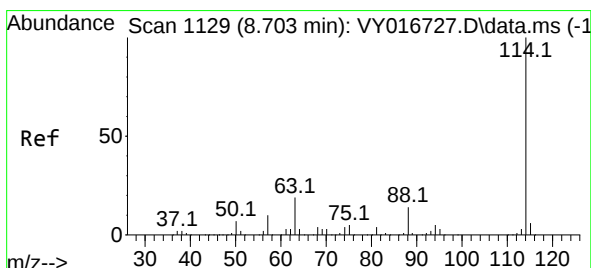
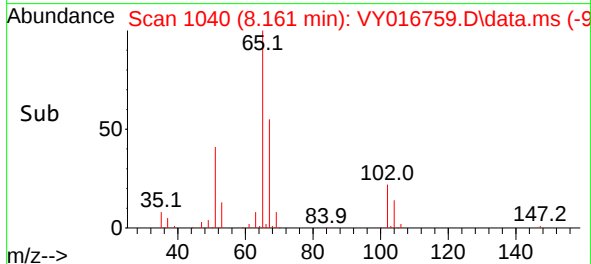
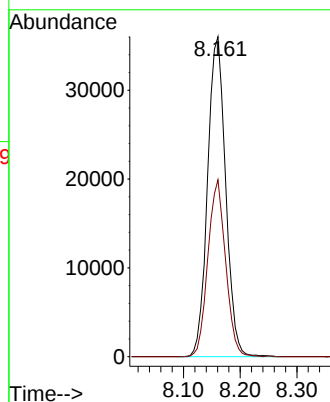
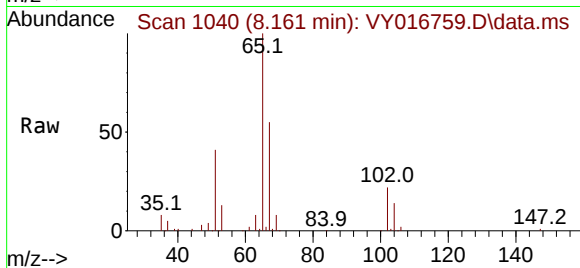
COM32

Tgt Ion: 65 Resp: 79728

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016759.D

Acq: 21 Dec 2023 16:06

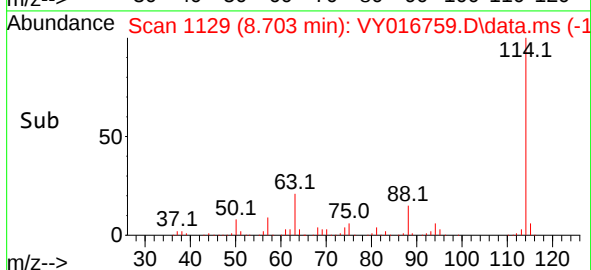
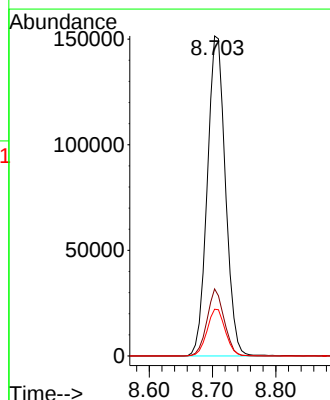
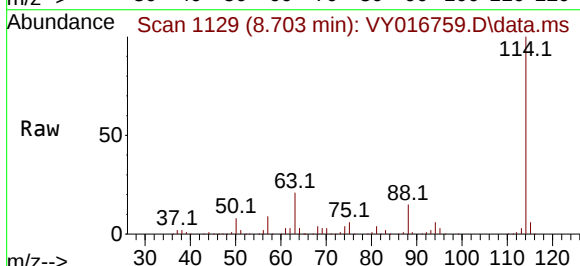
Tgt Ion: 114 Resp: 301588

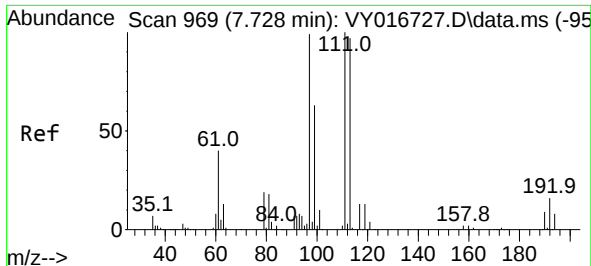
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

88 14.6 0.0 29.0

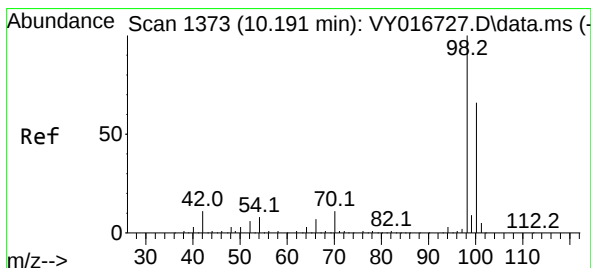
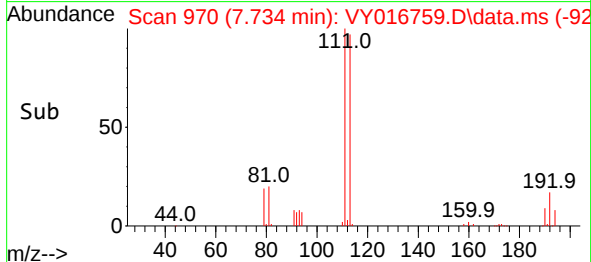
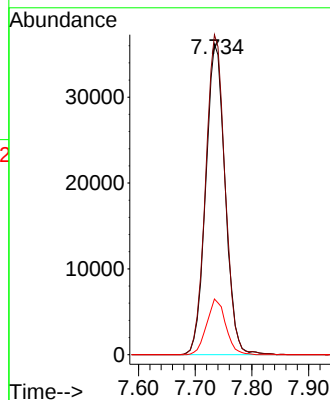
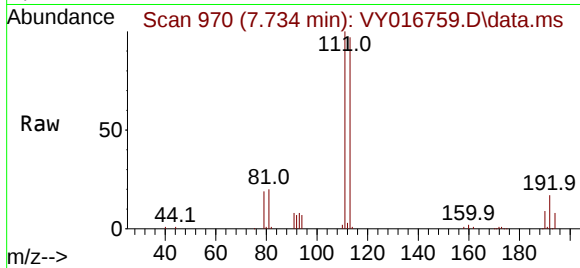




#35
Dibromofluoromethane
Concen: 49.758 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016759.D
Acq: 21 Dec 2023 16:06

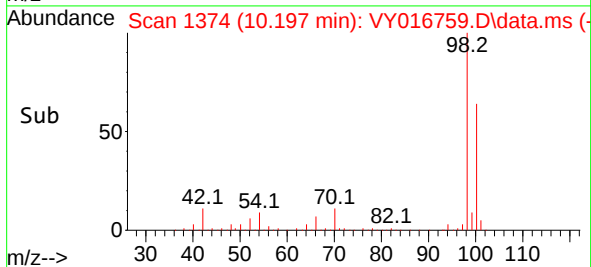
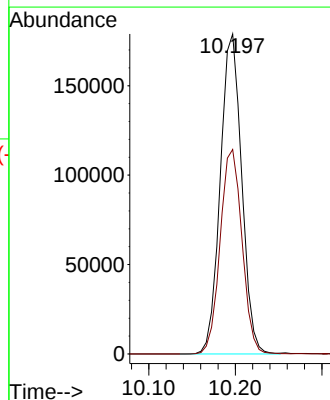
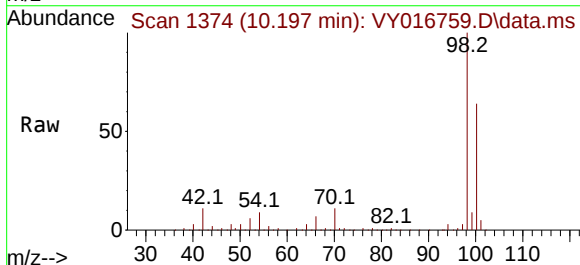
Instrument :
MSVOA_Y
ClientSampleId :
COM32

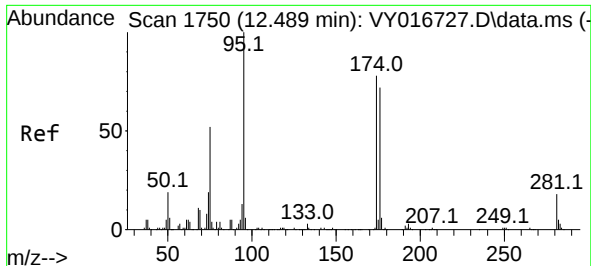
Tgt Ion:113 Resp: 85960
Ion Ratio Lower Upper
113 100
111 103.2 83.8 125.6
192 17.6 14.5 21.7



#50
Toluene-d8
Concen: 49.289 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016759.D
Acq: 21 Dec 2023 16:06

Tgt Ion: 98 Resp: 306958
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

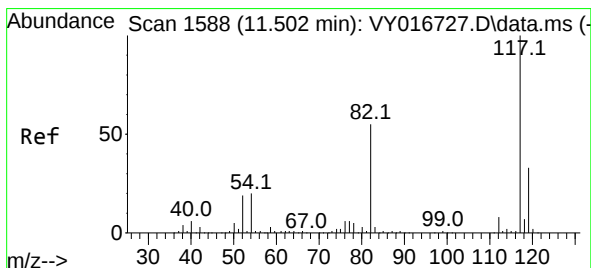
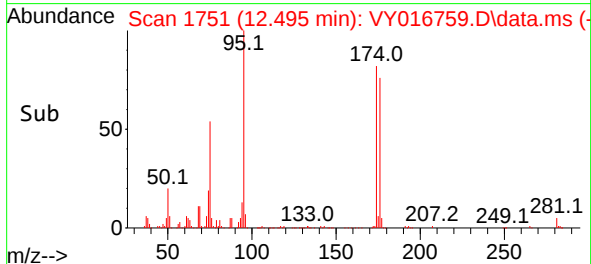
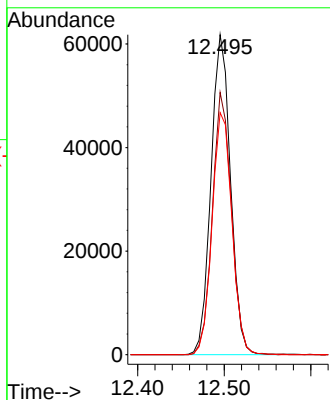
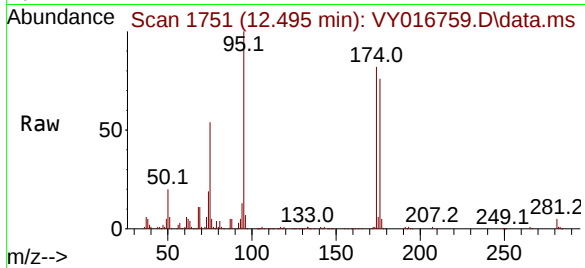




#62
4-Bromofluorobenzene
Concen: 47.986 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016759.D
Acq: 21 Dec 2023 16:06

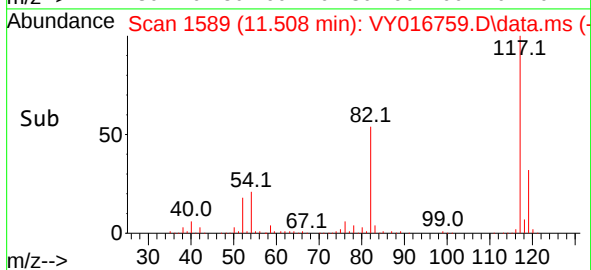
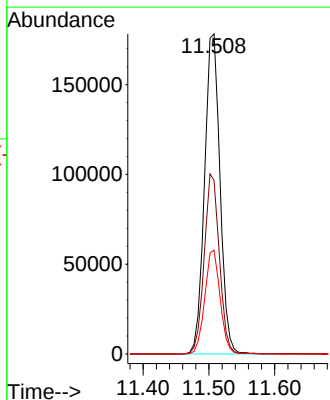
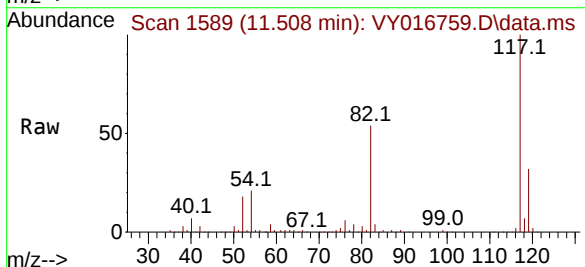
Instrument :
MSVOA_Y
ClientSampleId :
COM32

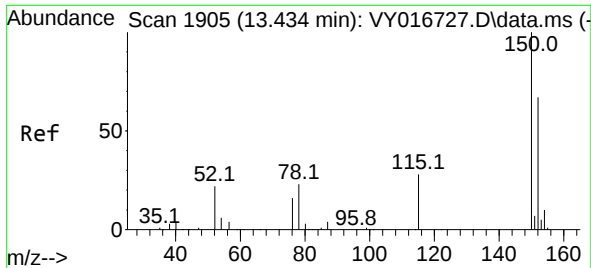
Tgt Ion: 95 Resp: 96953
Ion Ratio Lower Upper
95 100
174 79.9 0.0 160.0
176 76.7 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016759.D
Acq: 21 Dec 2023 16:06

Tgt Ion: 117 Resp: 292132
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.8
119 32.5 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: VY016759.D

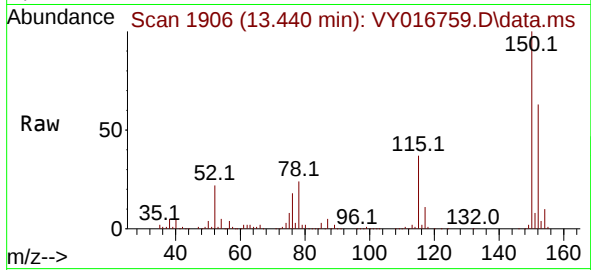
Acq: 21 Dec 2023 16:06

Instrument :

MSVOA_Y

ClientSampleId :

COM32



Tgt Ion:152 Resp: 104128

Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

150 157.9 0.0 344.6

