

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016762.D
 Acq On : 21 Dec 2023 17:23
 Operator : SY/MD
 Sample : 05878-09
 Misc : 3.34g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM41

Quant Time: Dec 22 00:44:39 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)

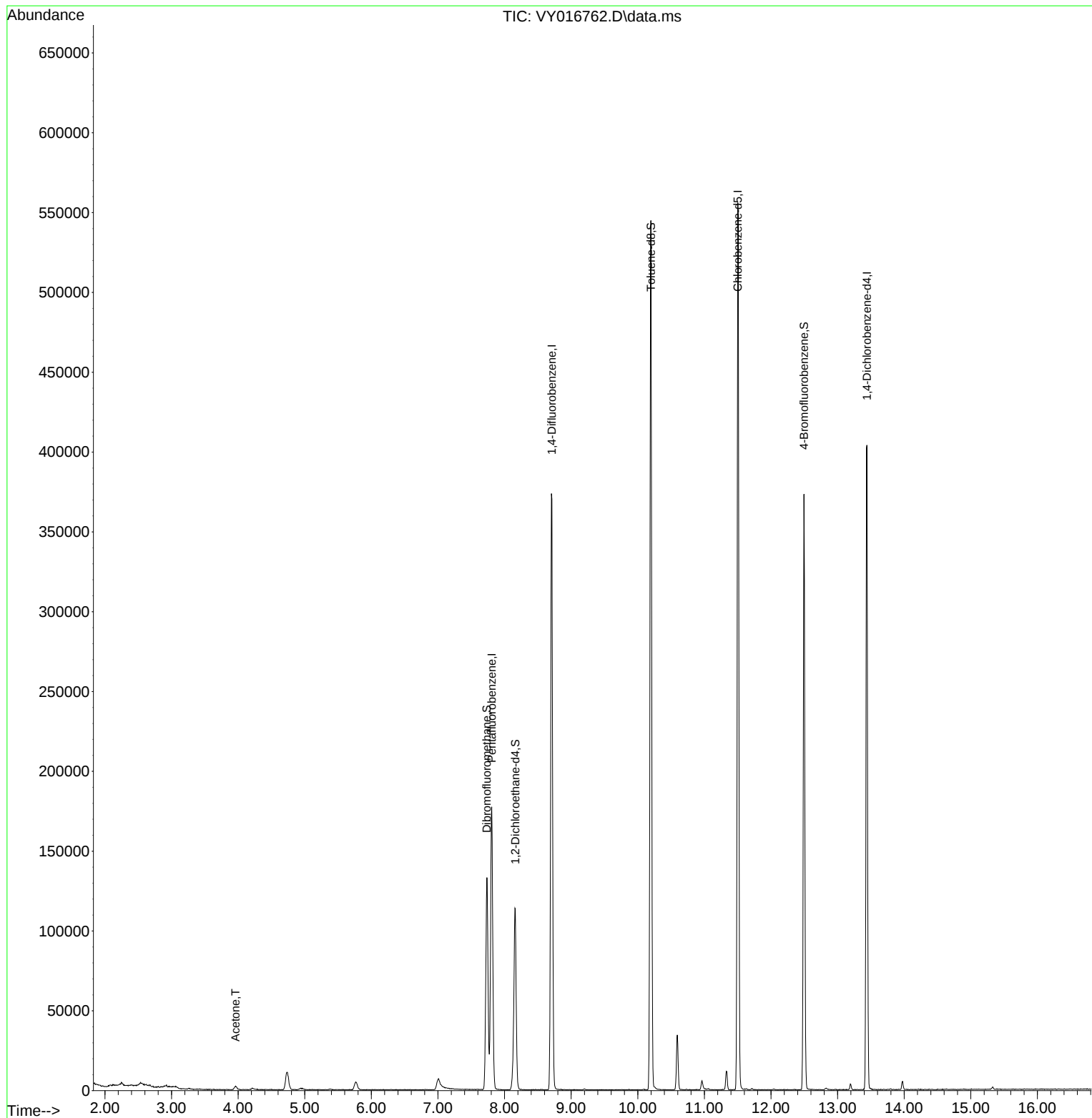
Internal Standards						
1) Pentafluorobenzene	7.807	168	134083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	321813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	302113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	102726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	83838	68.493	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.980%
35) Dibromofluoromethane	7.734	113	94394	51.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.420%
50) Toluene-d8	10.197	98	352756	53.083	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.160%
62) 4-Bromofluorobenzene	12.496	95	107297	49.768	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.540%
Target Compounds						
16) Acetone	3.960	43	3919	11.840	ug/l	Qvalue 98

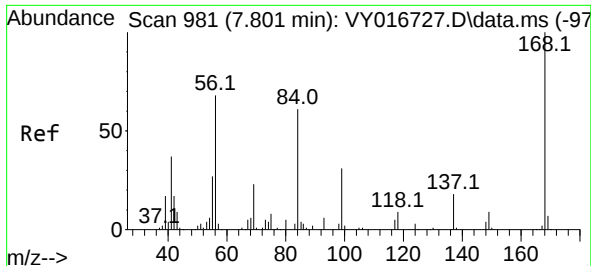
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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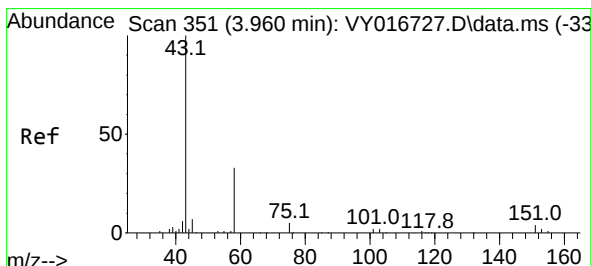
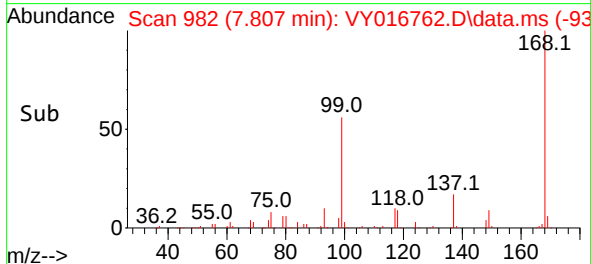
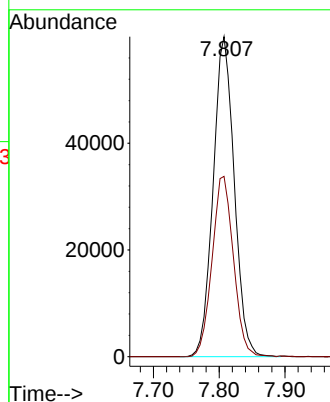
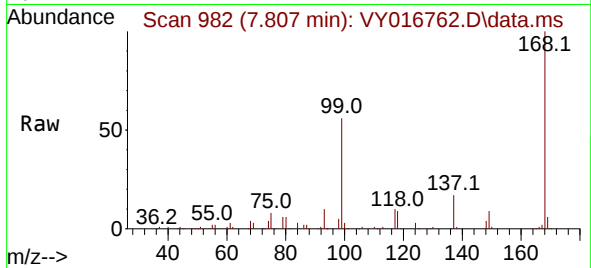




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016762.D
Acq: 21 Dec 2023 17:23

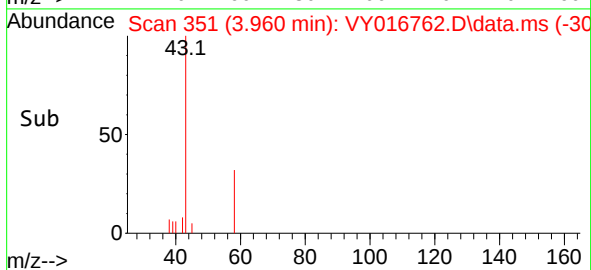
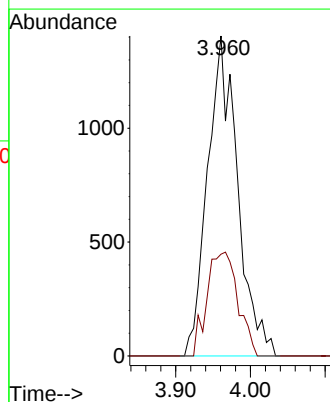
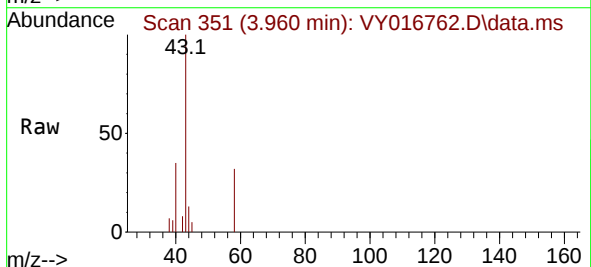
Instrument :
MSVOA_Y
ClientSampleId :
COM41

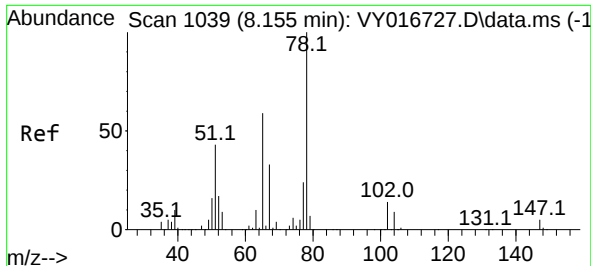
Tgt Ion:168 Resp: 134083
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4



#16
Acetone
Concen: 11.840 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016762.D
Acq: 21 Dec 2023 17:23

Tgt Ion: 43 Resp: 3919
Ion Ratio Lower Upper
43 100
58 31.8 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 68.493 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016762.D

Acq: 21 Dec 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

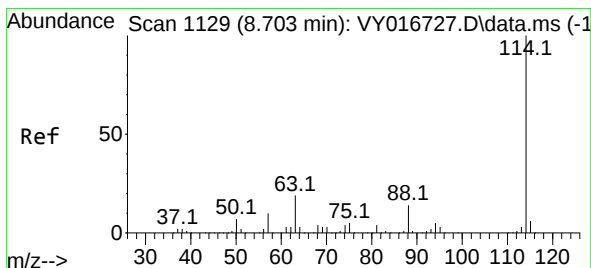
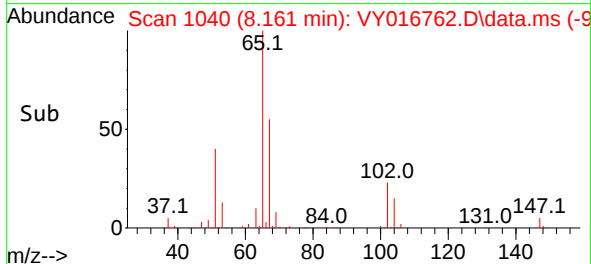
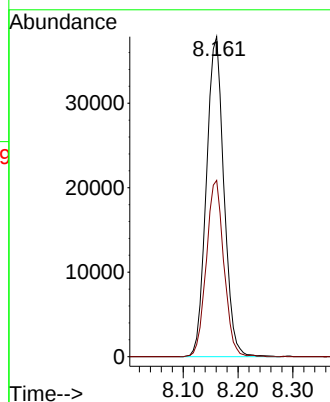
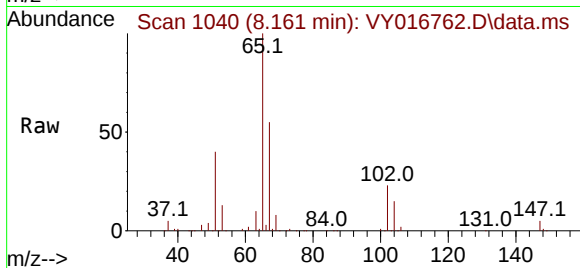
COM41

Tgt Ion: 65 Resp: 83838

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VY016762.D

Acq: 21 Dec 2023 17:23

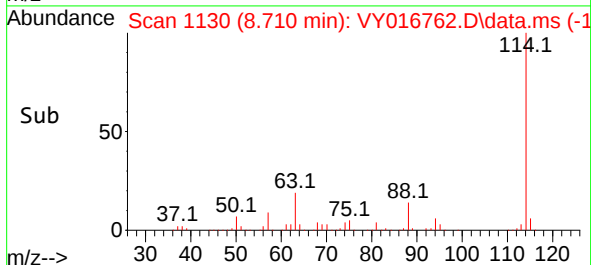
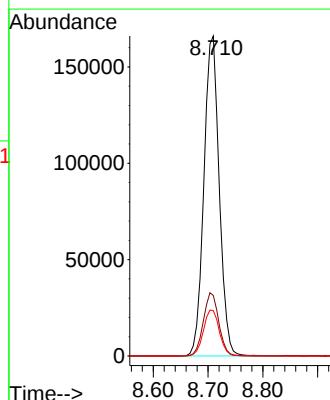
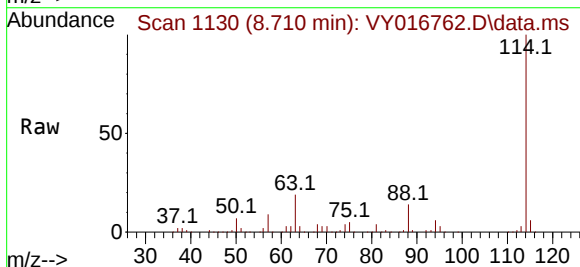
Tgt Ion: 114 Resp: 321813

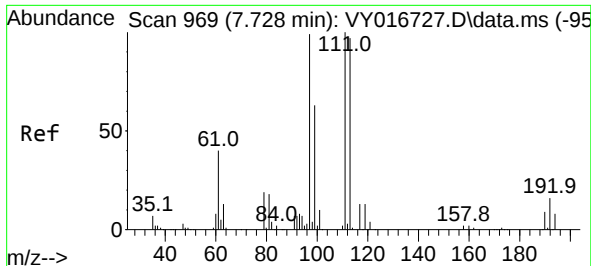
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.2 0.0 29.0

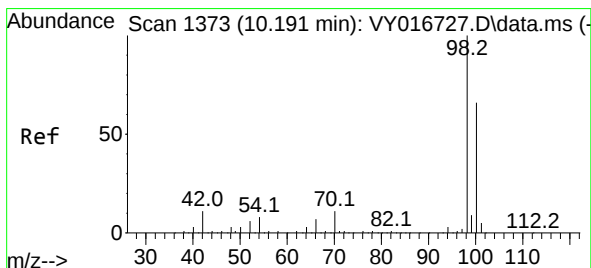
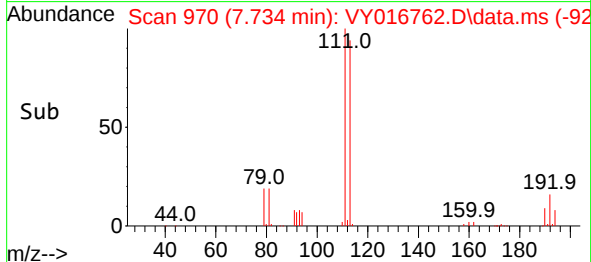
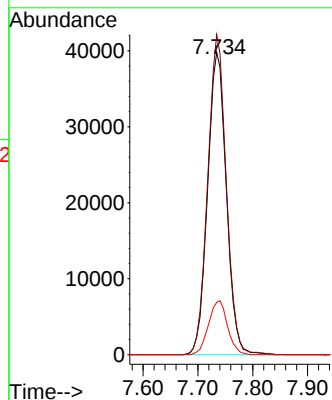
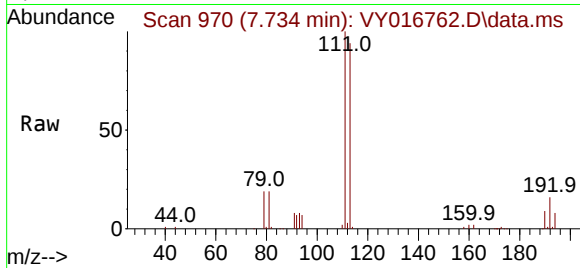




#35
Dibromofluoromethane
Concen: 51.206 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016762.D
Acq: 21 Dec 2023 17:23

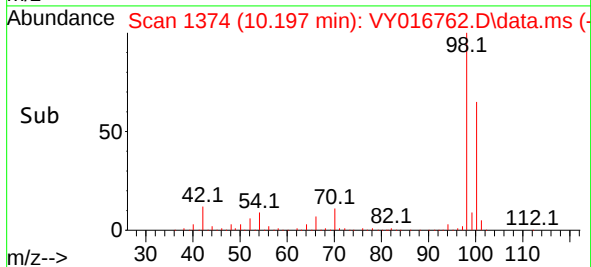
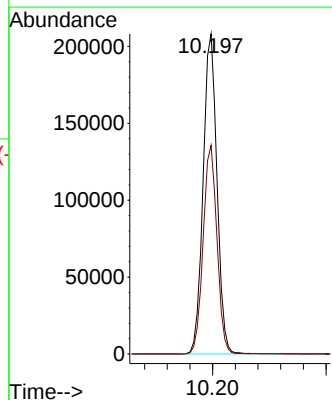
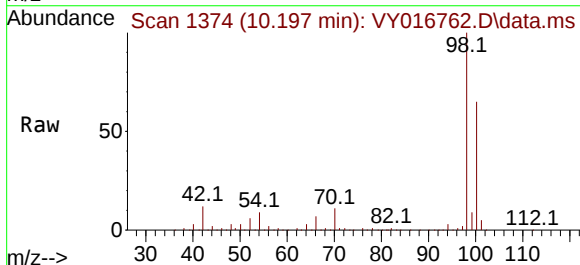
Instrument :
MSVOA_Y
ClientSampleId :
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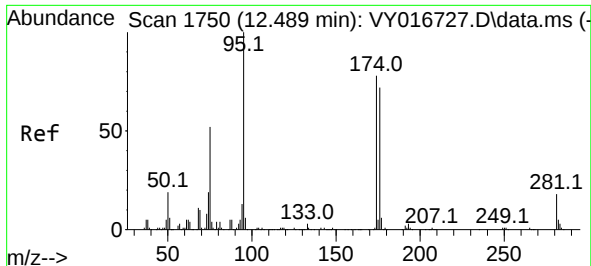
Tgt Ion:113 Resp: 94394
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.6
192 18.1 14.5 21.7



#50
Toluene-d8
Concen: 53.083 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016762.D
Acq: 21 Dec 2023 17:23

Tgt Ion: 98 Resp: 352756
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5

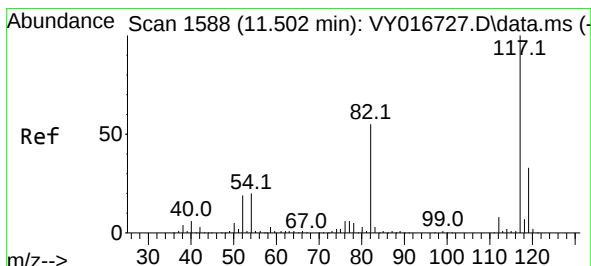
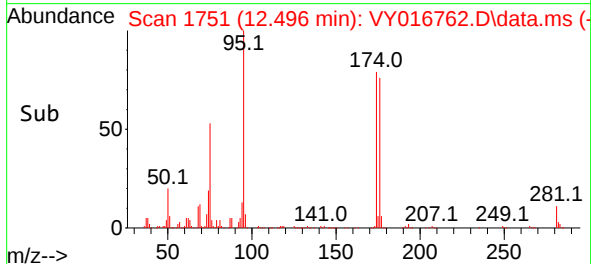
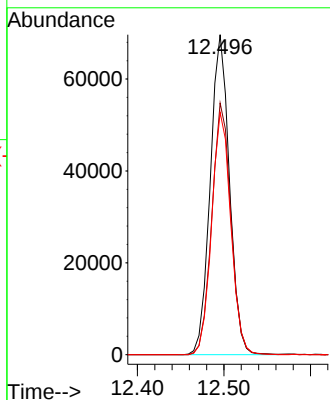
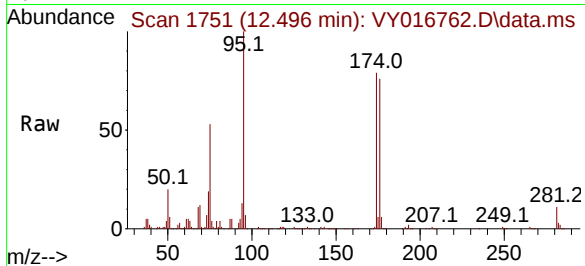




#62
4-Bromofluorobenzene
Concen: 49.768 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016762.D
Acq: 21 Dec 2023 17:23

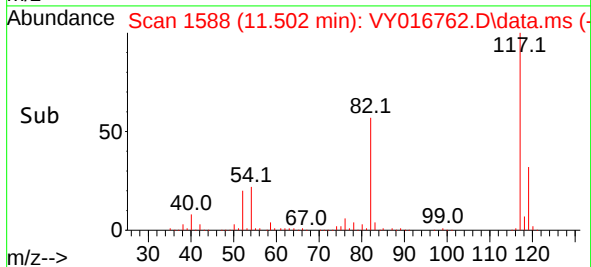
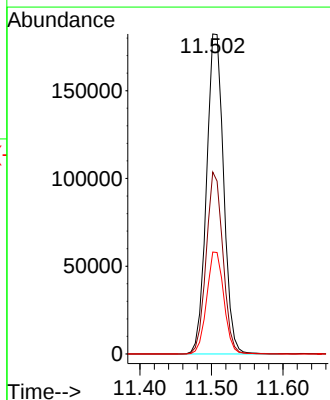
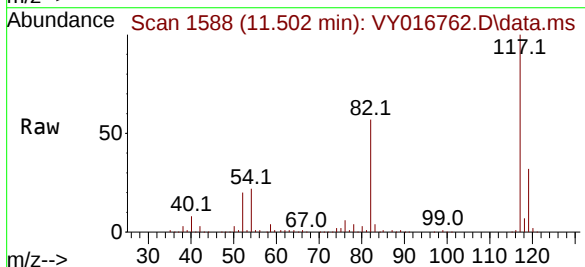
Instrument :
MSVOA_Y
ClientSampleId :
COM41

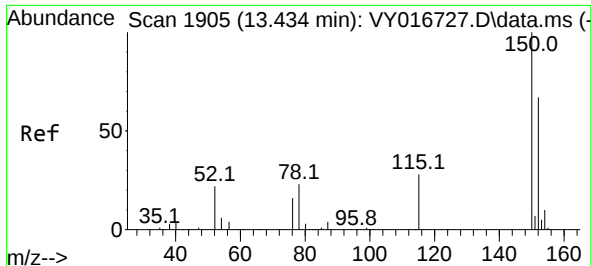
Tgt Ion: 95 Resp: 107297
Ion Ratio Lower Upper
95 100
174 78.4 0.0 160.0
176 75.5 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY016762.D
Acq: 21 Dec 2023 17:23

Tgt Ion: 117 Resp: 302113
Ion Ratio Lower Upper
117 100
82 56.8 43.8 65.8
119 31.8 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: VY016762.D

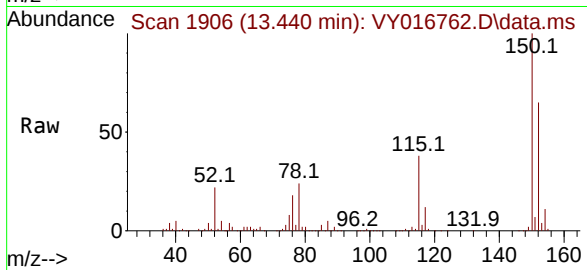
Acq: 21 Dec 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

COM41



Tgt Ion:152 Resp: 102726

Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 157.1 0.0 344.6

