

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016819.D
 Acq On : 22 Dec 2023 19:31
 Operator : SY/MD
 Sample : 05879-15
 Misc : 3.58g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM25

Quant Time: Dec 22 23:04:26 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)

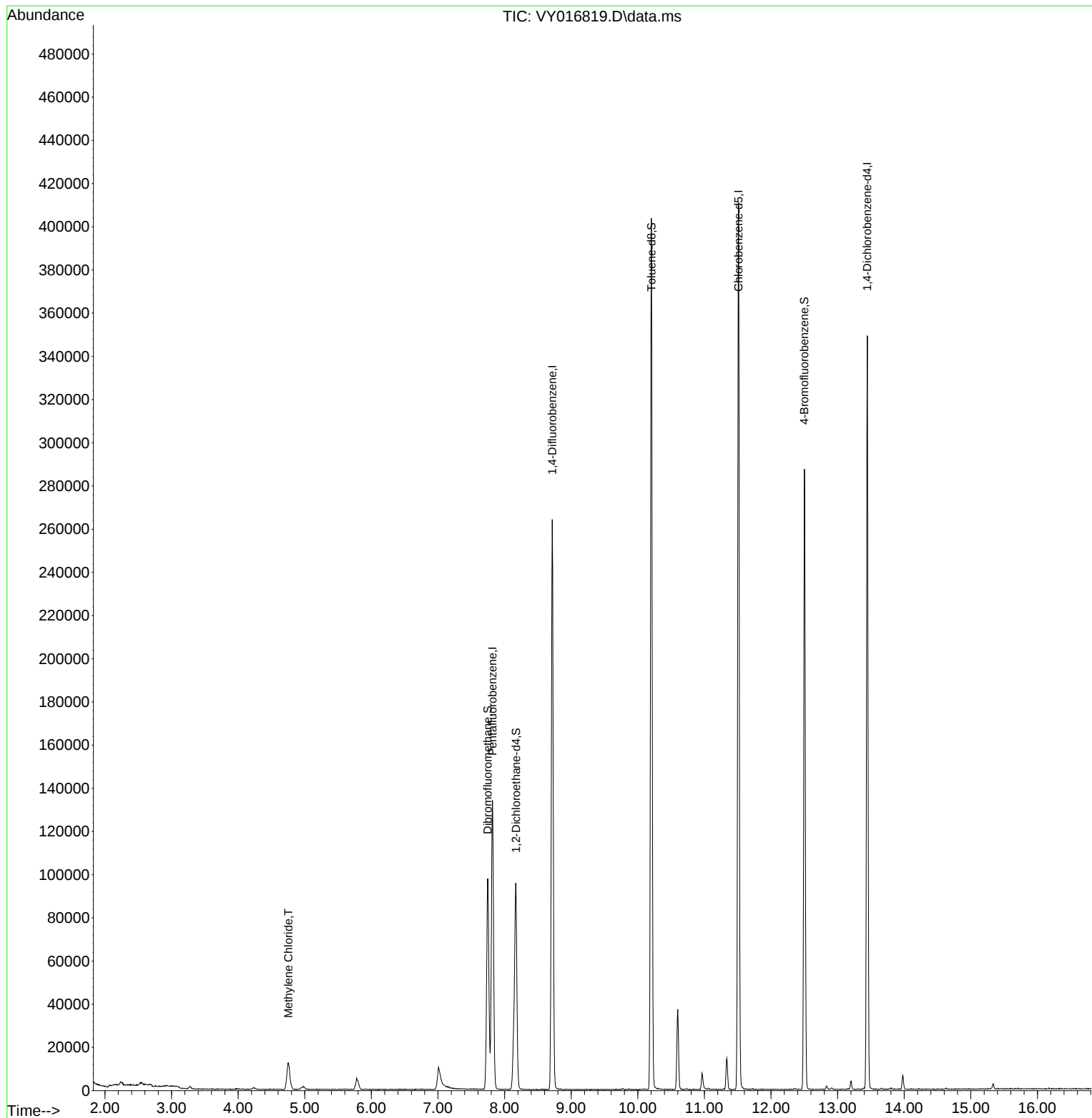
Internal Standards						
1) Pentafluorobenzene	7.819	168	99422	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	224353	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	226516	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	84035	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	65199	71.835	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.680%	
35) Dibromofluoromethane	7.746	113	70080	54.531	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.060%	
50) Toluene-d8	10.203	98	258893	55.882	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.760%	
62) 4-Bromofluorobenzene	12.501	95	83561	55.595	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.200%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.753	84	9697	4.966	ug/l	92

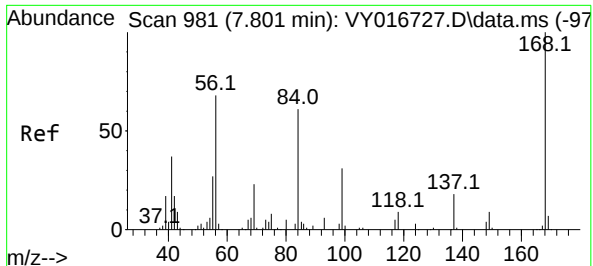
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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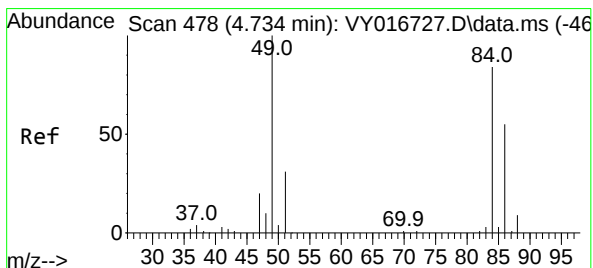
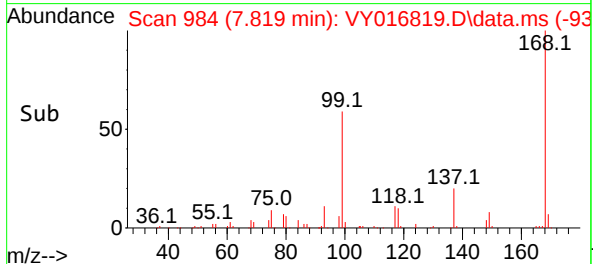
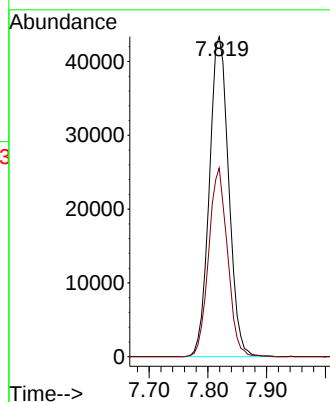
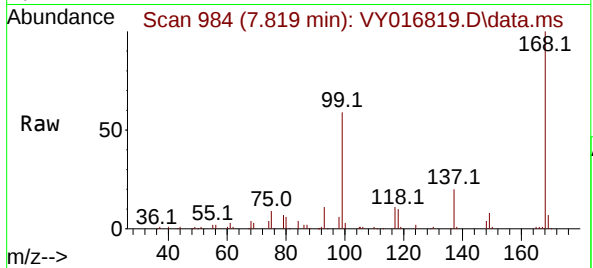




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016819.D
Acq: 22 Dec 2023 19:31

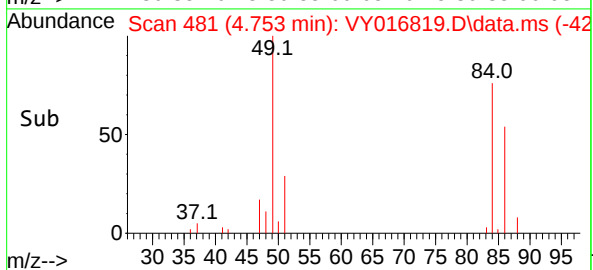
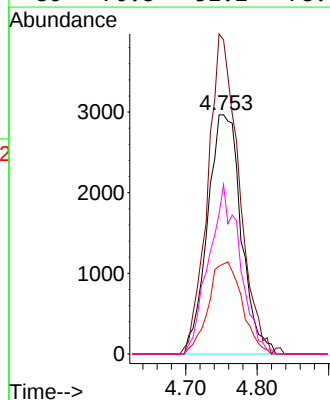
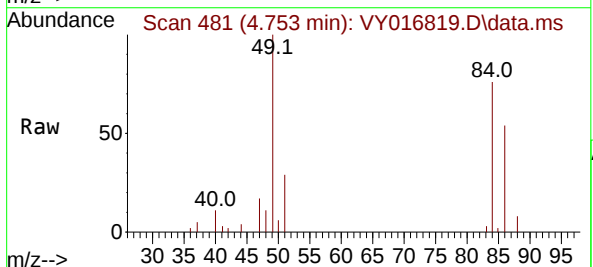
Instrument :
MSVOA_Y
ClientSampleId :
COM25

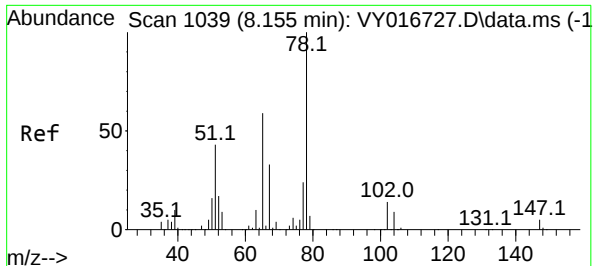
Tgt Ion:168 Resp: 99422
Ion Ratio Lower Upper
168 100
99 59.0 44.2 66.4



#20
Methylene Chloride
Concen: 4.966 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY016819.D
Acq: 22 Dec 2023 19:31

Tgt Ion: 84 Resp: 9697
Ion Ratio Lower Upper
84 100
49 131.3 95.2 142.8
51 37.7 29.9 44.9
86 70.8 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 71.835 ug/l

RT: 8.173 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY016819.D

Acq: 22 Dec 2023 19:31

Instrument :

MSVOA_Y

ClientSampleId :

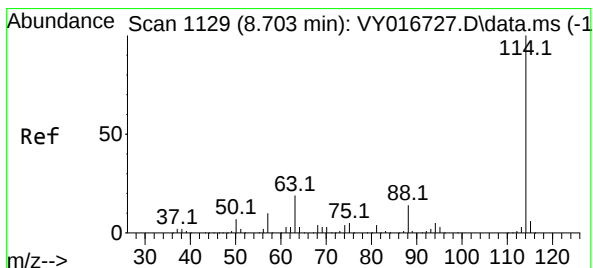
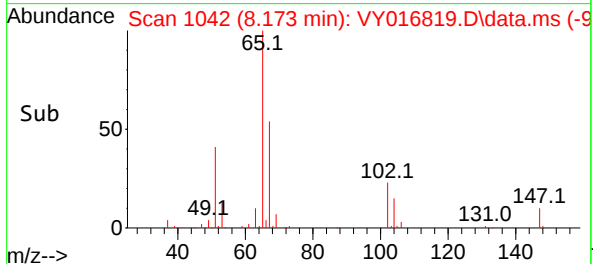
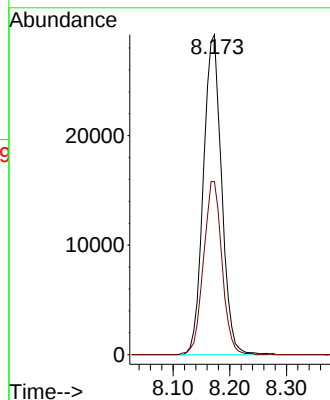
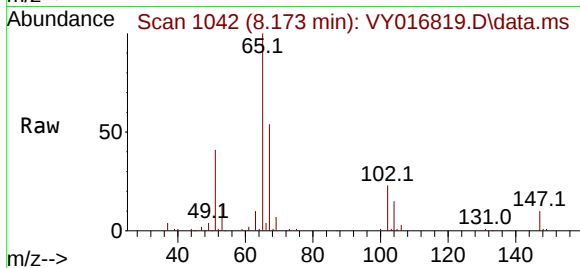
COM25

Tgt Ion: 65 Resp: 65199

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY016819.D

Acq: 22 Dec 2023 19:31

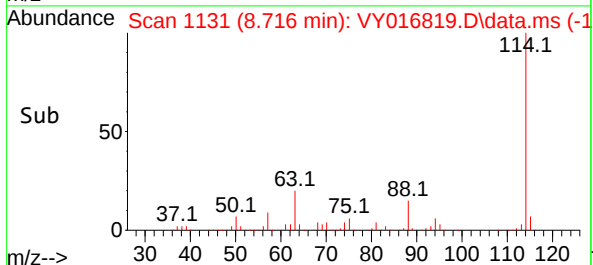
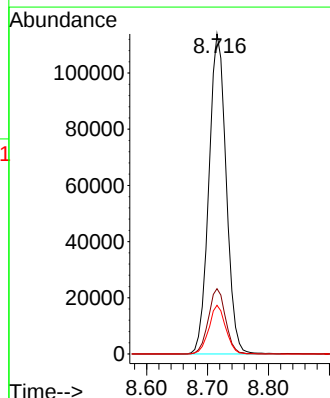
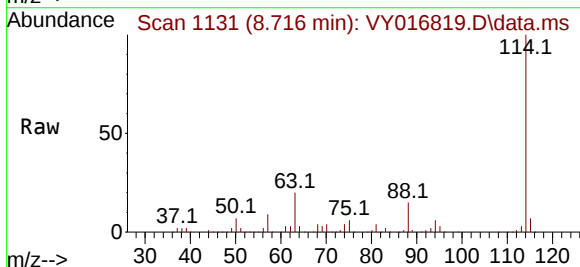
Tgt Ion: 114 Resp: 224353

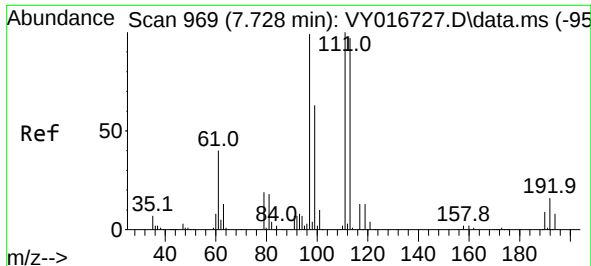
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 15.2 0.0 29.0

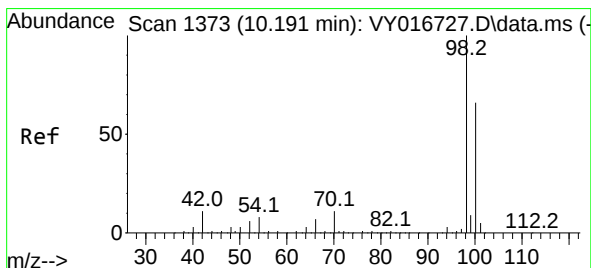
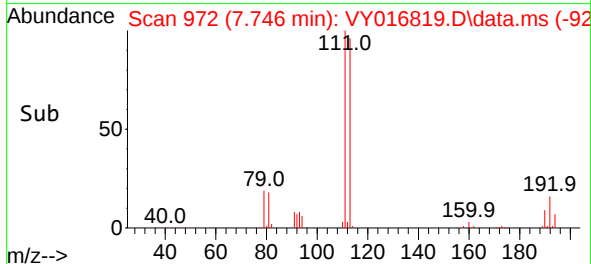
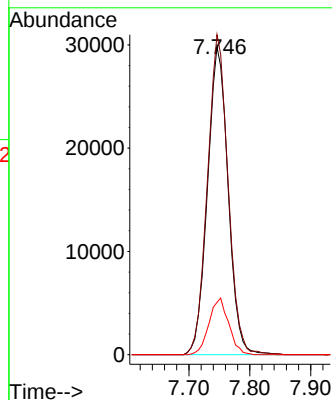
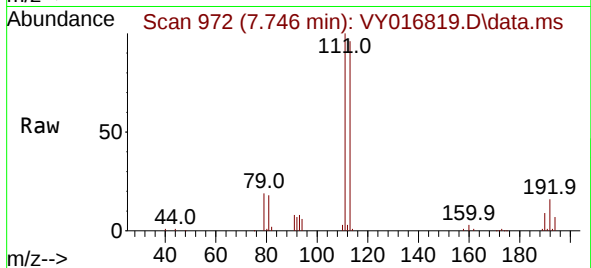




#35
Dibromofluoromethane
Concen: 54.531 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016819.D
Acq: 22 Dec 2023 19:31

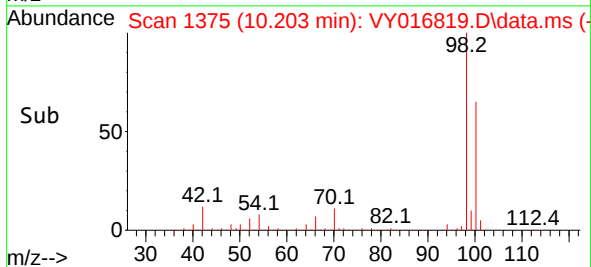
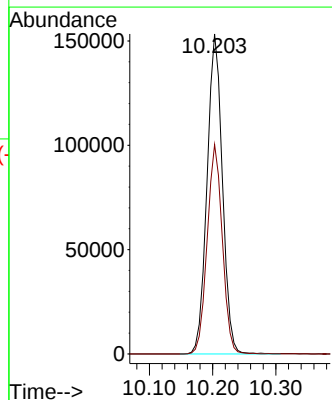
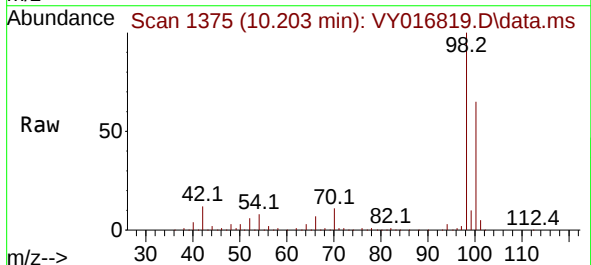
Instrument :
MSVOA_Y
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COM25

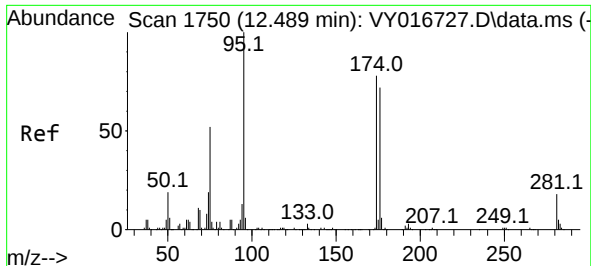
Tgt Ion:113 Resp: 70080
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 17.5 14.5 21.7



#50
Toluene-d8
Concen: 55.882 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016819.D
Acq: 22 Dec 2023 19:31

Tgt Ion: 98 Resp: 258893
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

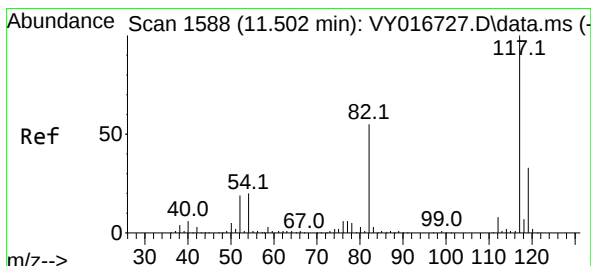
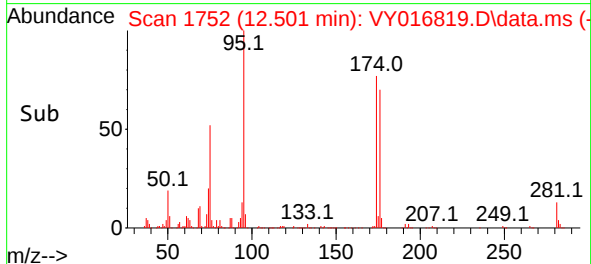
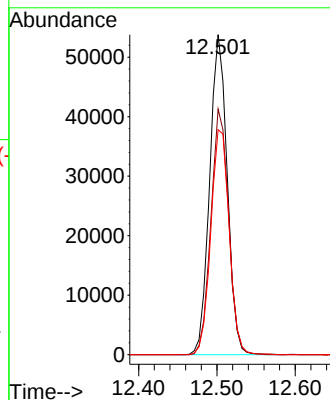
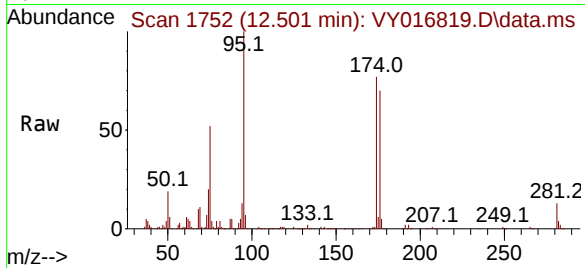




#62
4-Bromofluorobenzene
Concen: 55.595 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016819.D
Acq: 22 Dec 2023 19:31

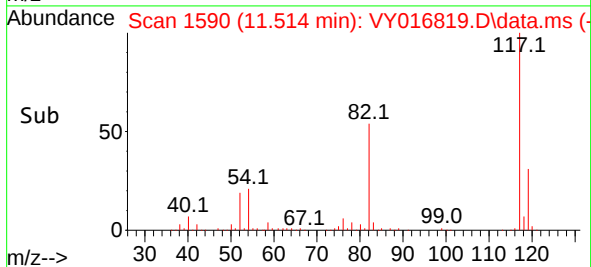
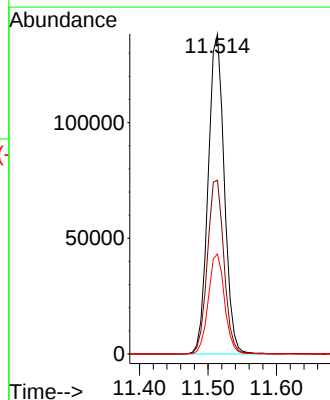
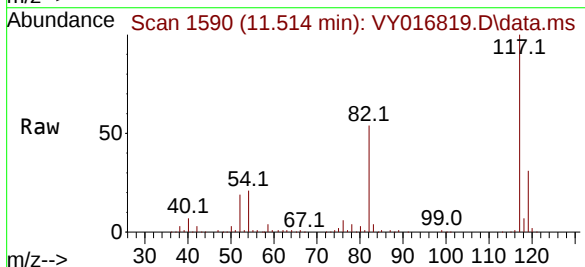
Instrument :
MSVOA_Y
ClientSampleId :
COM25

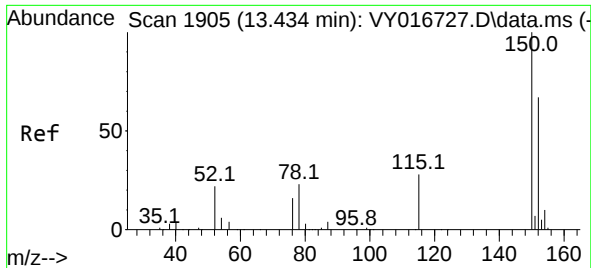
Tgt Ion: 95 Resp: 83561
Ion Ratio Lower Upper
95 100
174 77.6 0.0 160.0
176 73.7 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016819.D
Acq: 22 Dec 2023 19:31

Tgt Ion: 117 Resp: 226516
Ion Ratio Lower Upper
117 100
82 54.3 43.8 65.8
119 31.3 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016819.D

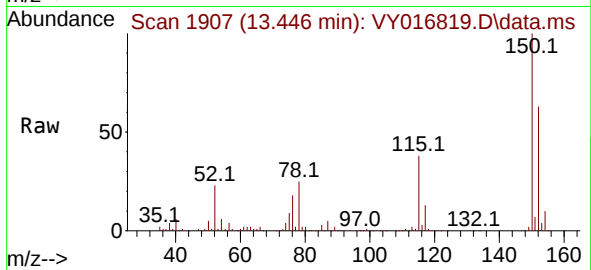
Acq: 22 Dec 2023 19:31

Instrument :

MSVOA_Y

ClientSampleId :

COM25



Tgt Ion:152 Resp: 84035

Ion Ratio Lower Upper

152 100

115 59.5 30.0 90.0

150 158.5 0.0 344.6

