

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016822.D
 Acq On : 22 Dec 2023 20:41
 Operator : SY/MD
 Sample : 05879-18
 Misc : 3.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM33

Quant Time: Dec 22 23:05:33 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)

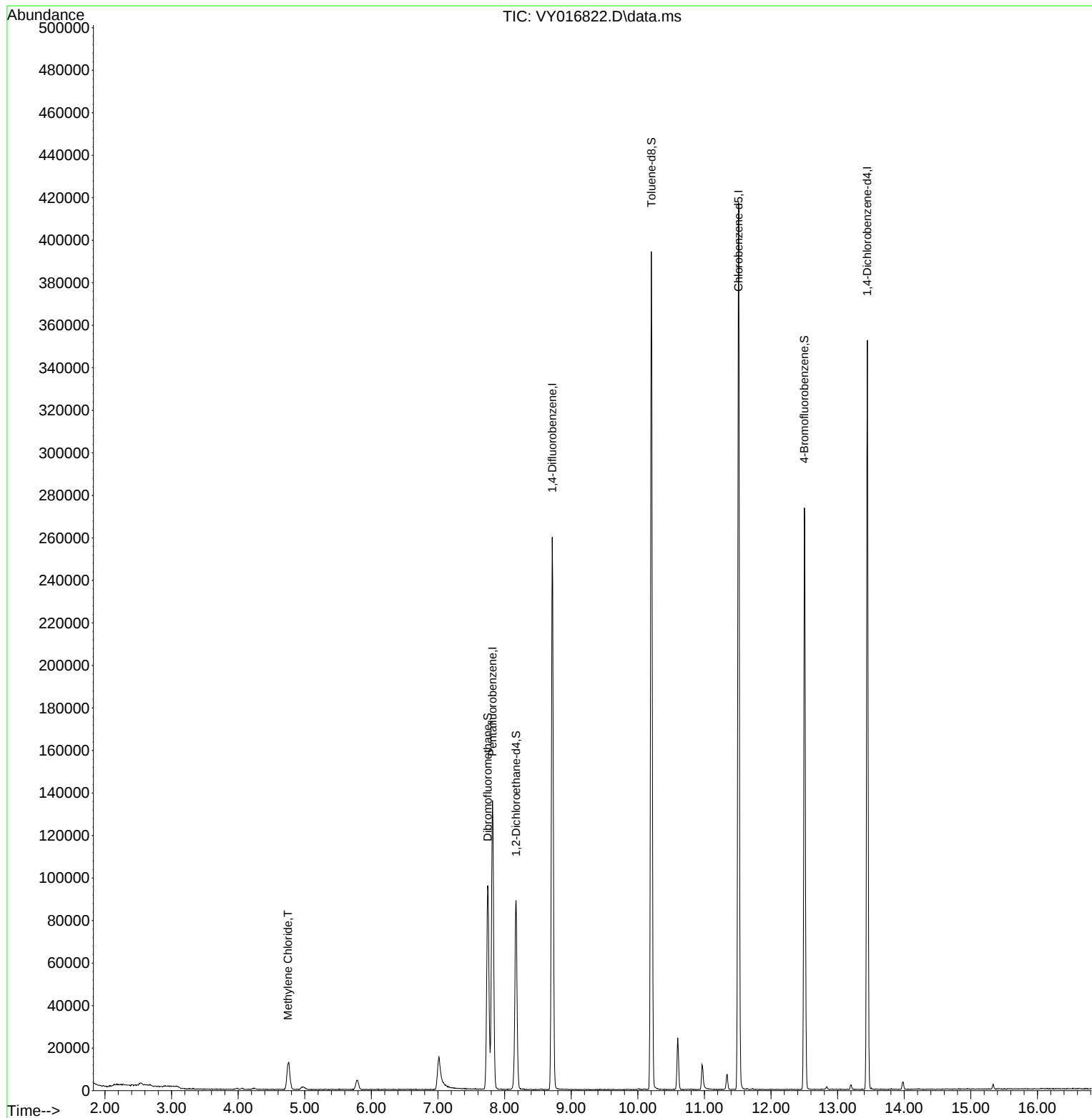
Internal Standards						
1) Pentafluorobenzene	7.819	168	101254	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	223513	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	226608	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	85892	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	66857	72.329	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.660%	
35) Dibromofluoromethane	7.746	113	71180	55.595	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.180%	
50) Toluene-d8	10.203	98	256384	55.549	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.100%	
62) 4-Bromofluorobenzene	12.502	95	82778	55.281	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.560%	
Target Compounds						
20) Methylene Chloride	4.747	84	10087	5.135	ug/l	Qvalue 94

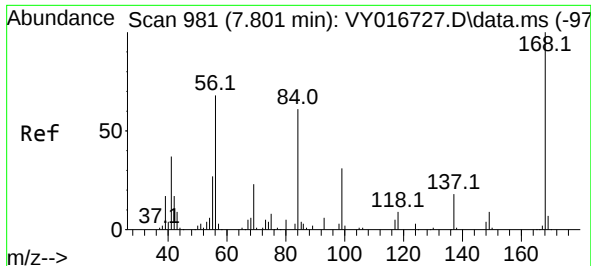
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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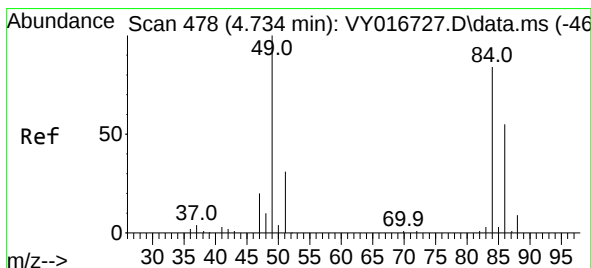
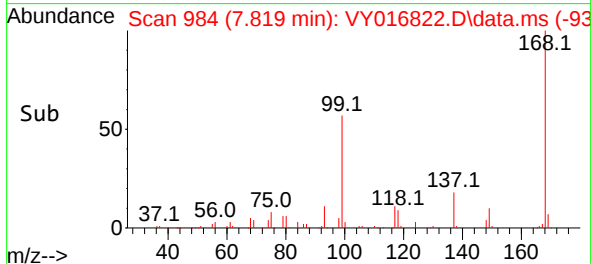
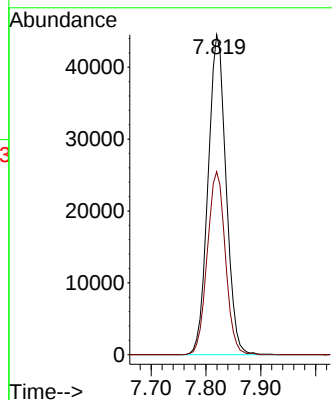
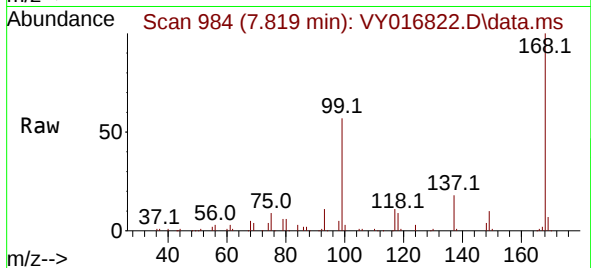




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016822.D
Acq: 22 Dec 2023 20:41

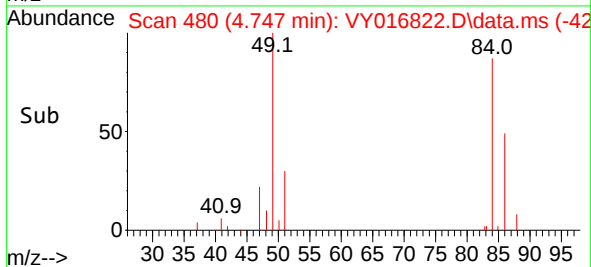
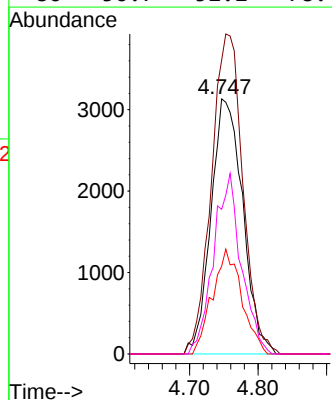
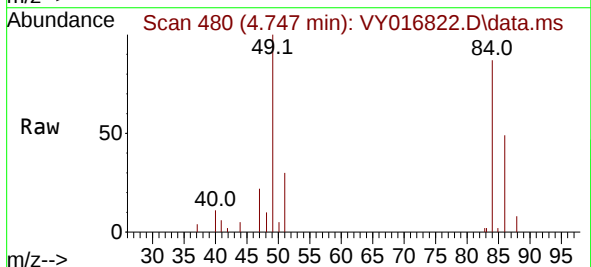
Instrument :
MSVOA_Y
ClientSampleId :
COM33

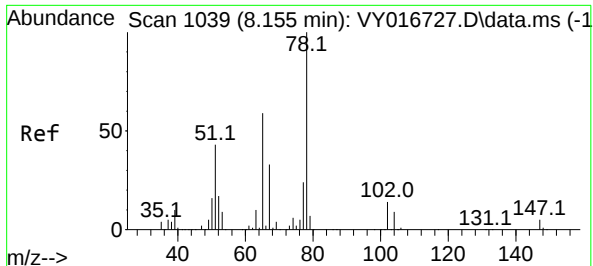
Tgt Ion:168 Resp: 101254
Ion Ratio Lower Upper
168 100
99 57.2 44.2 66.4



#20
Methylene Chloride
Concen: 5.135 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY016822.D
Acq: 22 Dec 2023 20:41

Tgt Ion: 84 Resp: 10087
Ion Ratio Lower Upper
84 100
49 115.1 95.2 142.8
51 34.4 29.9 44.9
86 56.7 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 72.329 ug/l

RT: 8.173 min Scan# 1103

Delta R.T. 0.018 min

Lab File: VY016822.D

Acq: 22 Dec 2023 20:41

Instrument :

MSVOA_Y

ClientSampleId :

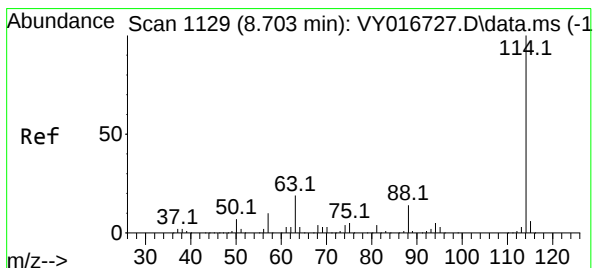
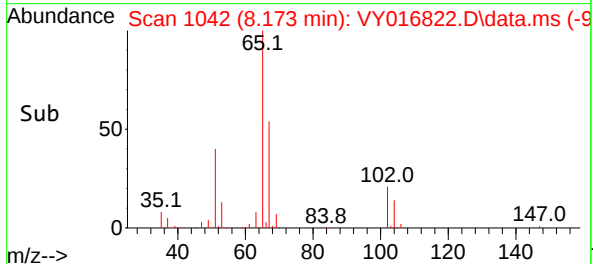
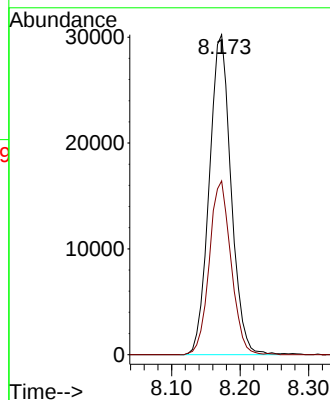
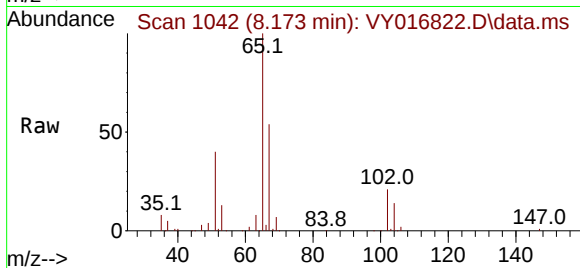
COM33

Tgt Ion: 65 Resp: 66857

Ion Ratio Lower Upper

65 100

67 53.9 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: VY016822.D

Acq: 22 Dec 2023 20:41

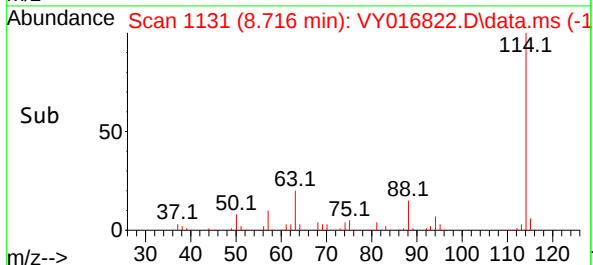
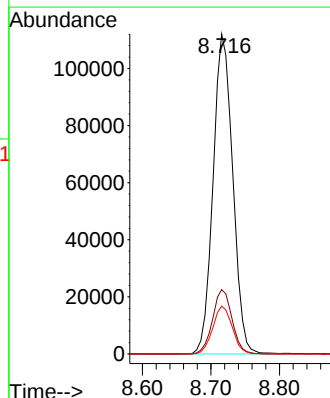
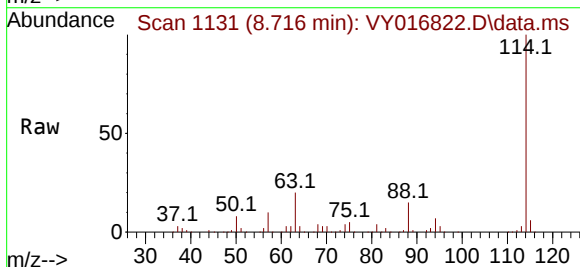
Tgt Ion: 114 Resp: 223513

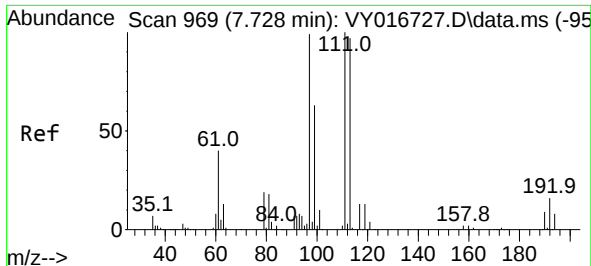
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.9 0.0 29.0

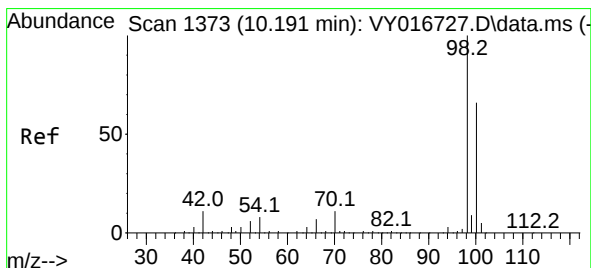
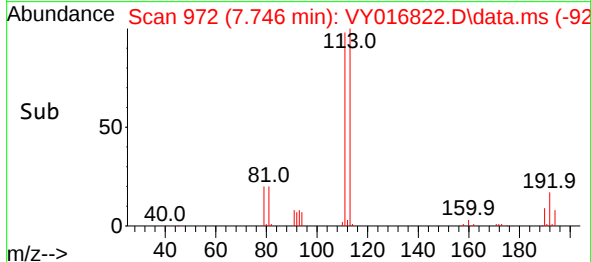
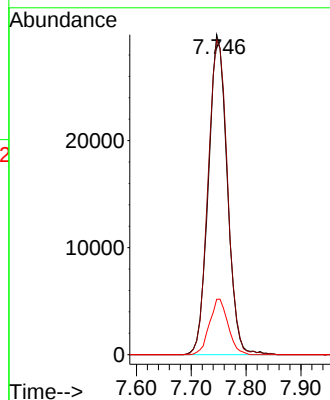
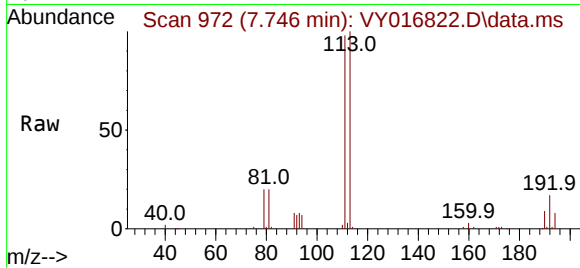




#35
Dibromofluoromethane
Concen: 55.595 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY016822.D
Acq: 22 Dec 2023 20:41

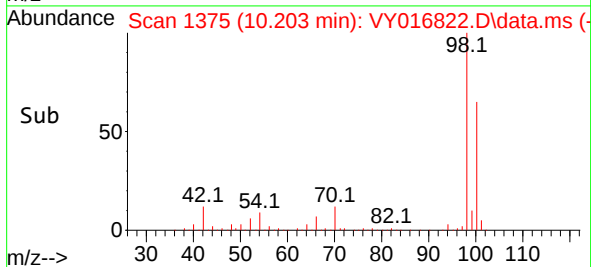
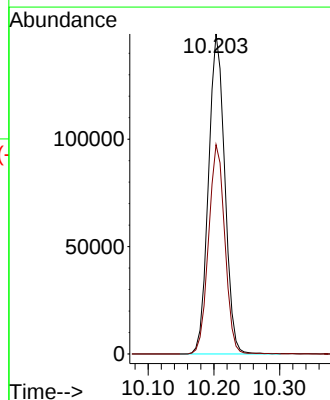
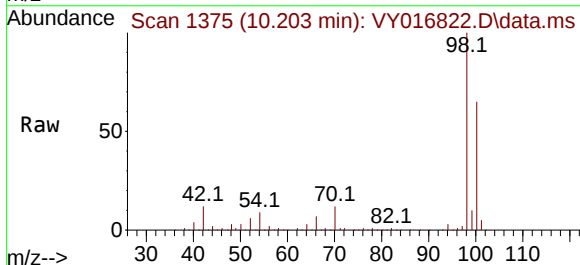
Instrument :
MSVOA_Y
ClientSampleId :
COM33

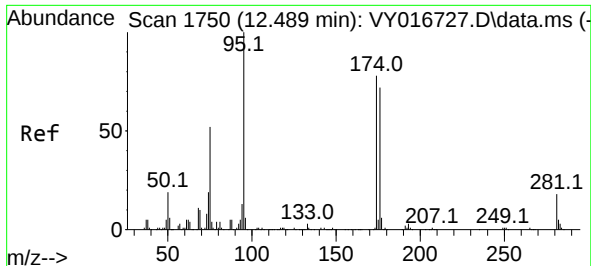
Tgt Ion:113 Resp: 71180
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.6
192 17.1 14.5 21.7



#50
Toluene-d8
Concen: 55.549 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016822.D
Acq: 22 Dec 2023 20:41

Tgt Ion: 98 Resp: 256384
Ion Ratio Lower Upper
98 100
100 65.3 52.3 78.5

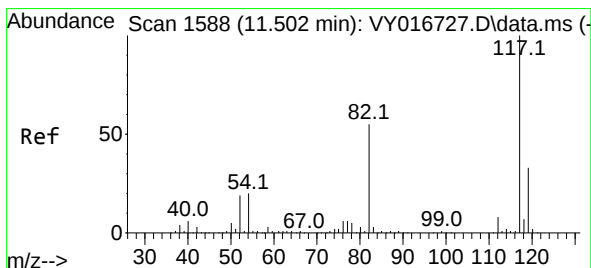
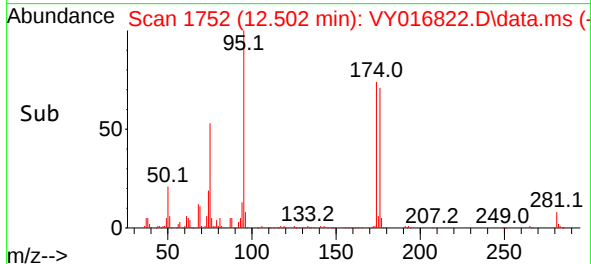
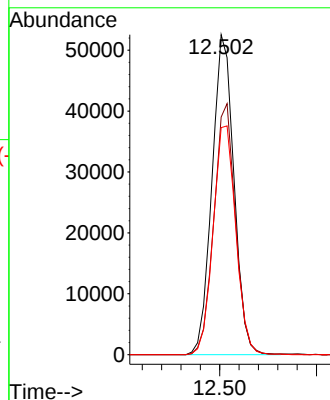
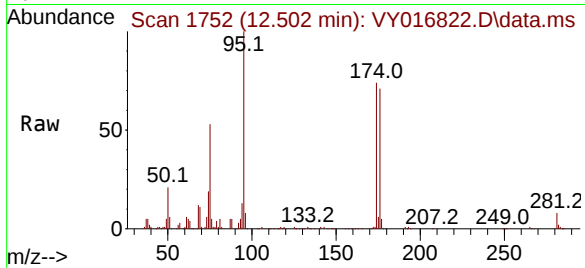




#62
4-Bromofluorobenzene
Concen: 55.281 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016822.D
Acq: 22 Dec 2023 20:41

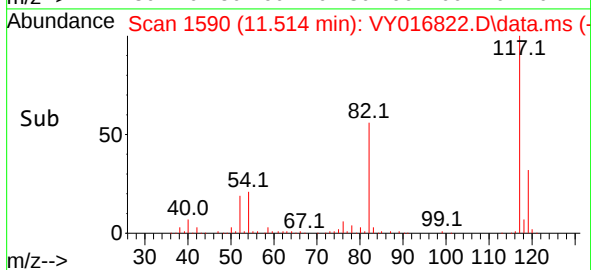
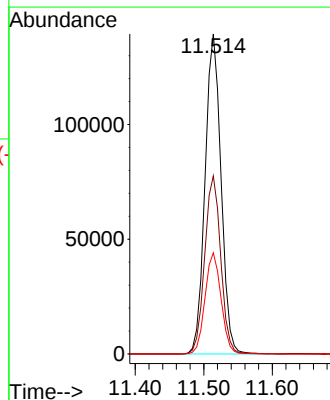
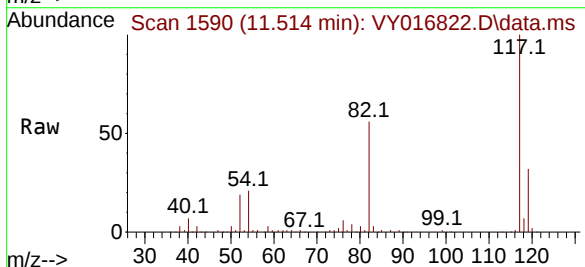
Instrument :
MSVOA_Y
ClientSampleId :
COM33

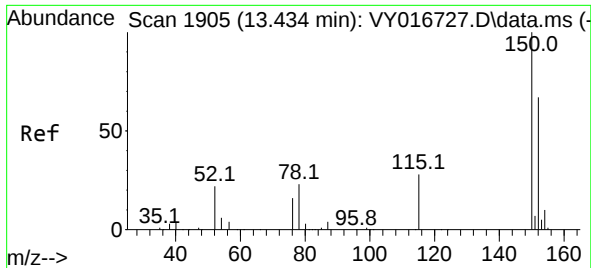
Tgt Ion: 95 Resp: 82778
Ion Ratio Lower Upper
95 100
174 77.3 0.0 160.0
176 73.9 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016822.D
Acq: 22 Dec 2023 20:41

Tgt Ion: 117 Resp: 226608
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 31.6 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: VY016822.D
 Acq: 22 Dec 2023 20:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 COM33

Tgt Ion:152	Resp:	85892
Ion Ratio	Lower	Upper
152	100	
115	59.3	30.0 90.0
150	156.3	0.0 344.6

