

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016788.D
 Acq On : 22 Dec 2023 04:35
 Operator : SY/MD
 Sample : 05876-16
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLY1

Quant Time: Dec 22 06:41:34 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)

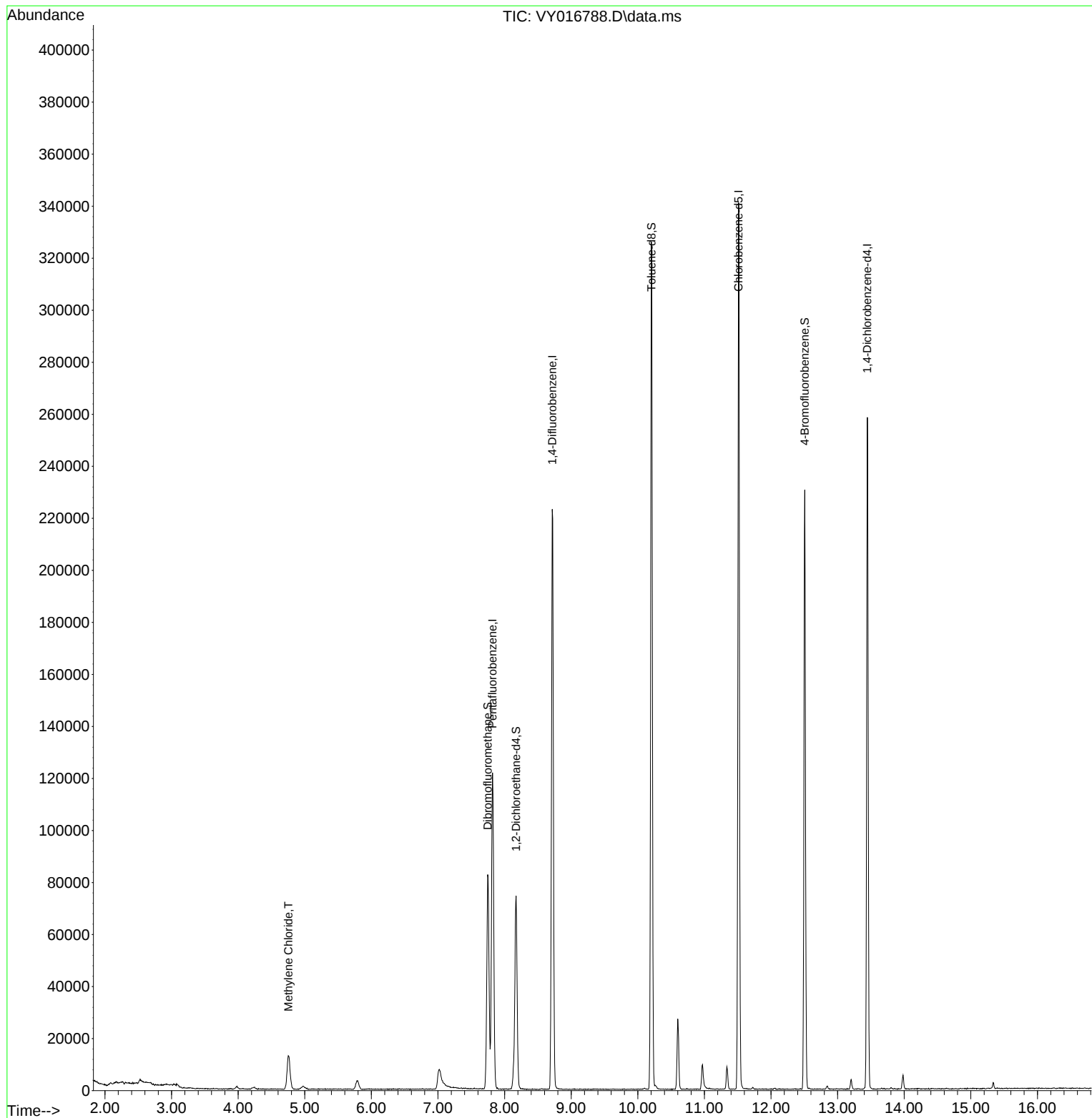
Internal Standards						
1) Pentafluorobenzene	7.819	168	92628	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	193938	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	181523	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	64460	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	55646	65.807	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.620%	
35) Dibromofluoromethane	7.746	113	59236	53.321	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.640%	
50) Toluene-d8	10.203	98	214078	53.456	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.920%	
62) 4-Bromofluorobenzene	12.508	95	66371	51.083	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.160%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.753	84	10019	5.828	ug/l	94

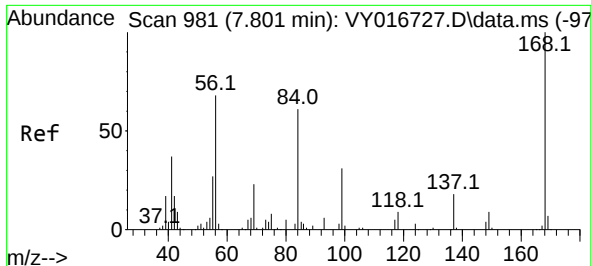
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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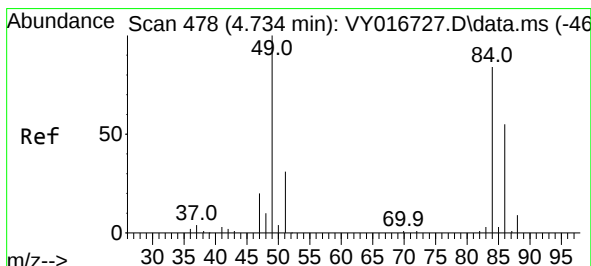
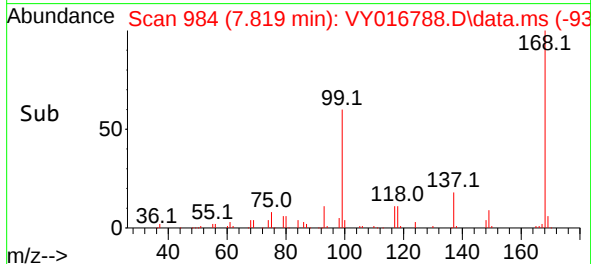
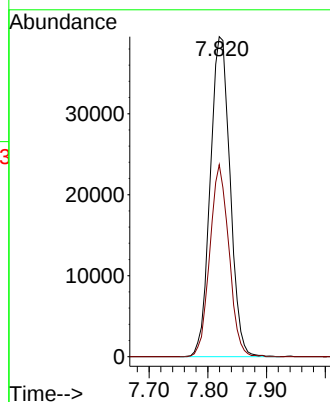
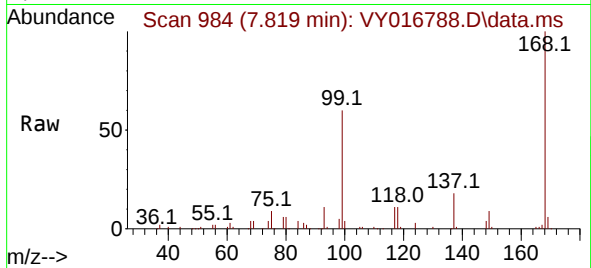




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY016788.D
Acq: 22 Dec 2023 04:35

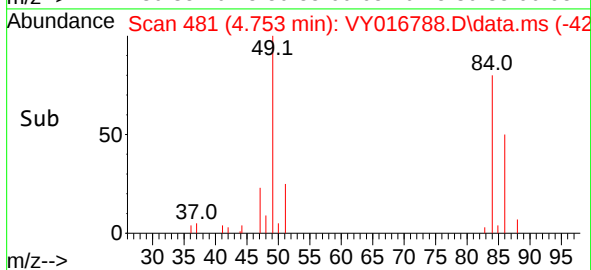
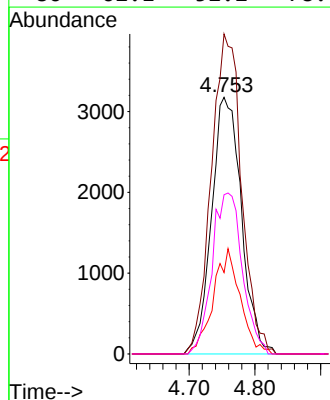
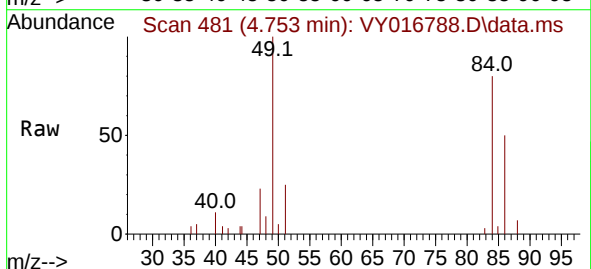
Instrument :
MSVOA_Y
ClientSampleId :
COLY1

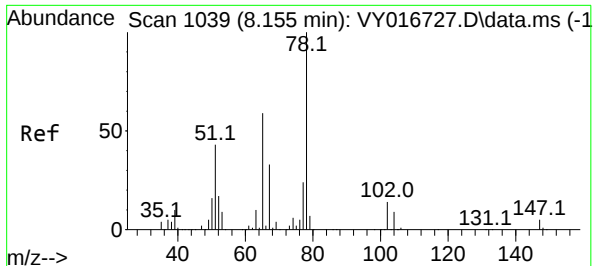
Tgt Ion:168 Resp: 92628
Ion Ratio Lower Upper
168 100
99 60.0 44.2 66.4



#20
Methylene Chloride
Concen: 5.828 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY016788.D
Acq: 22 Dec 2023 04:35

Tgt Ion: 84 Resp: 10019
Ion Ratio Lower Upper
84 100
49 124.7 95.2 142.8
51 31.7 29.9 44.9
86 62.1 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 65.807 ug/l

RT: 8.173 min Scan# 1103

Delta R.T. 0.019 min

Lab File: VY016788.D

Acq: 22 Dec 2023 04:35

Instrument :

MSVOA_Y

ClientSampleId :

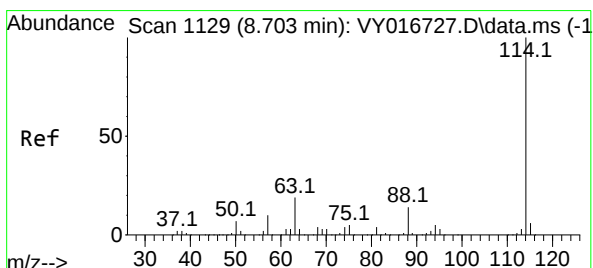
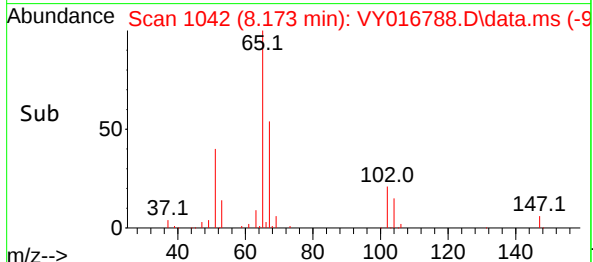
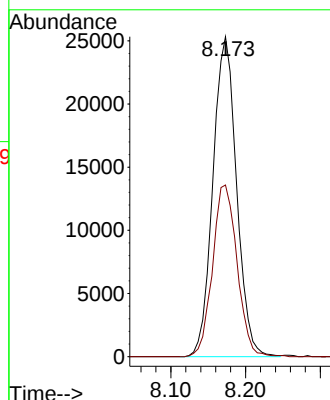
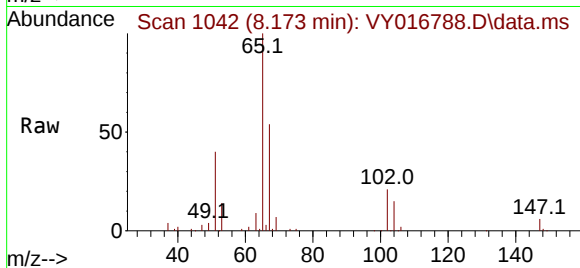
C0LY1

Tgt Ion: 65 Resp: 55646

Ion Ratio Lower Upper

65 100

67 55.6 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: VY016788.D

Acq: 22 Dec 2023 04:35

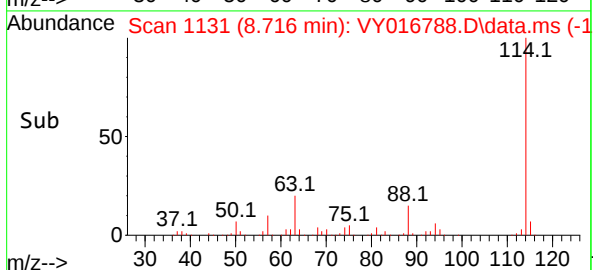
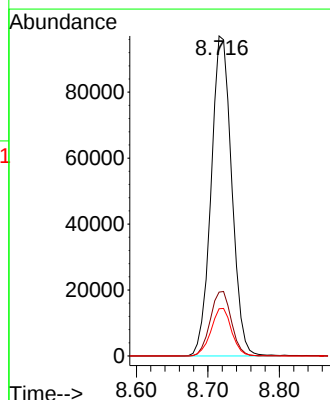
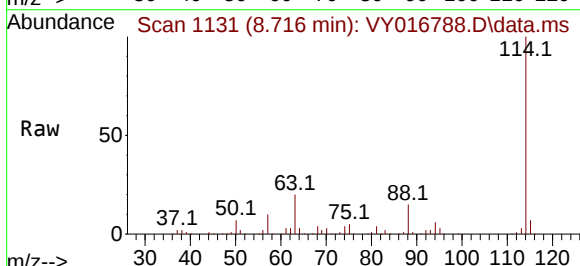
Tgt Ion: 114 Resp: 193938

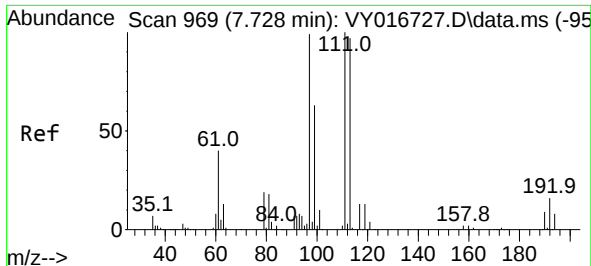
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.7 0.0 29.0

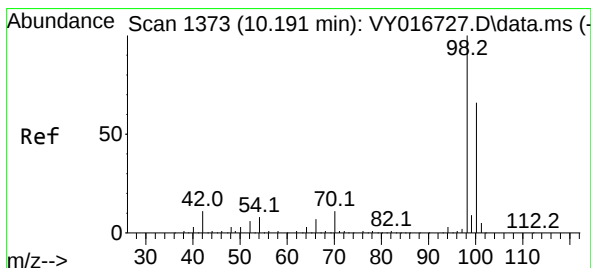
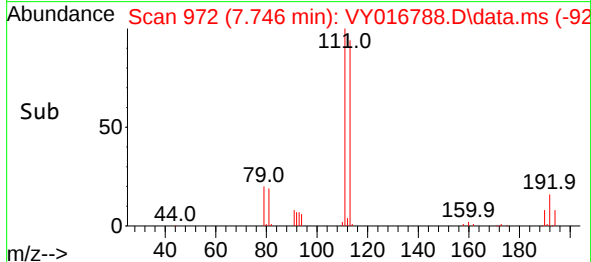
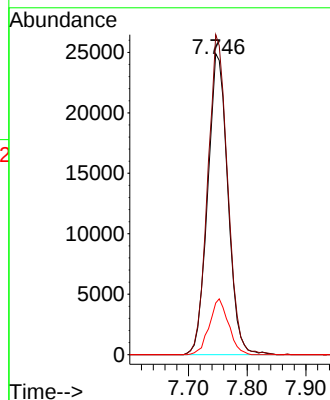
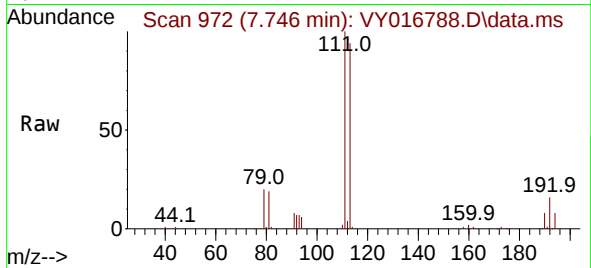




#35
Dibromofluoromethane
Concen: 53.321 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY016788.D
Acq: 22 Dec 2023 04:35

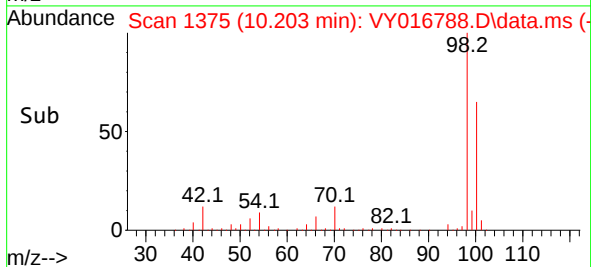
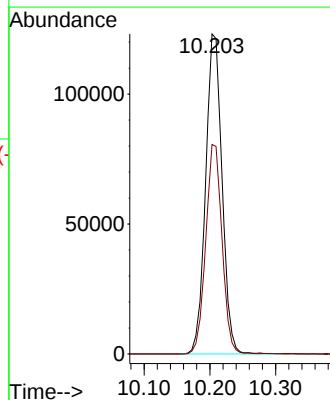
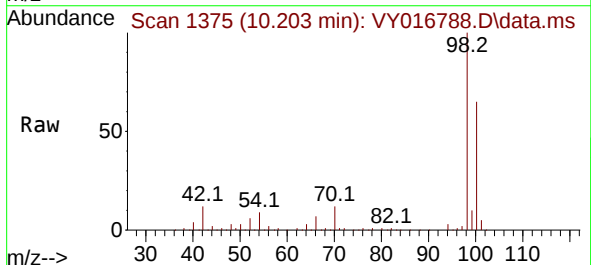
Instrument :
MSVOA_Y
ClientSampleId :
COLY1

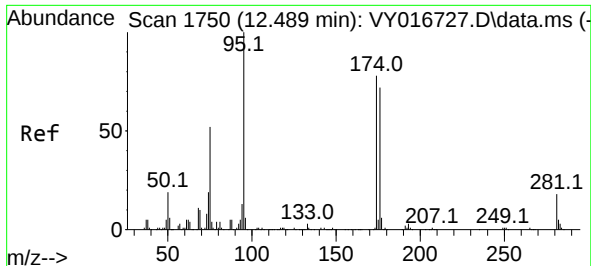
Tgt Ion:113 Resp: 59236
Ion Ratio Lower Upper
113 100
111 104.9 83.8 125.6
192 17.7 14.5 21.7



#50
Toluene-d8
Concen: 53.456 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016788.D
Acq: 22 Dec 2023 04:35

Tgt Ion: 98 Resp: 214078
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

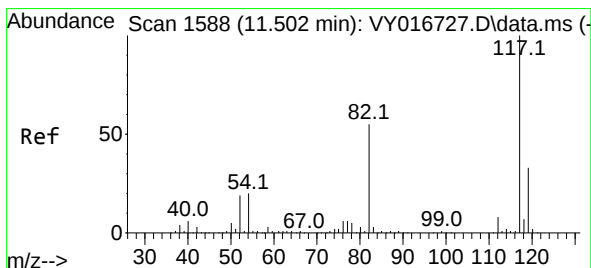
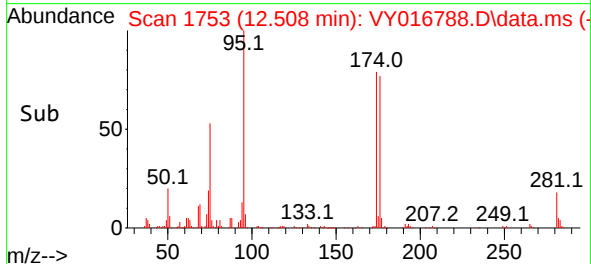
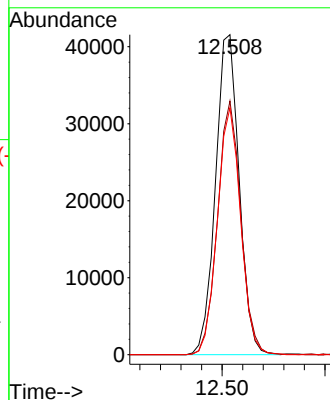
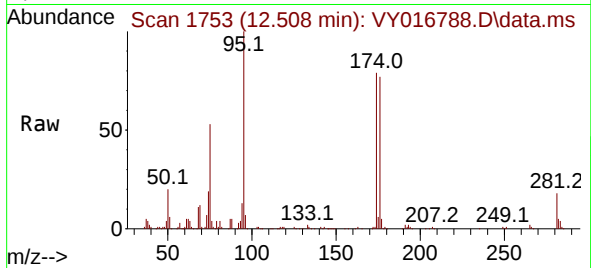




#62
4-Bromofluorobenzene
Concen: 51.083 ug/l
RT: 12.508 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY016788.D
Acq: 22 Dec 2023 04:35

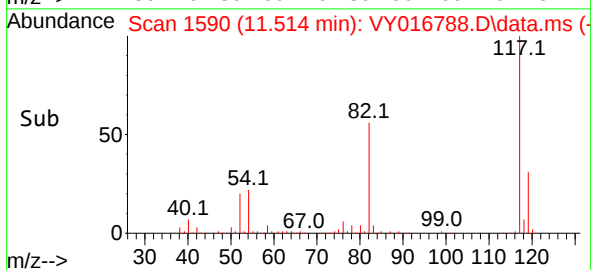
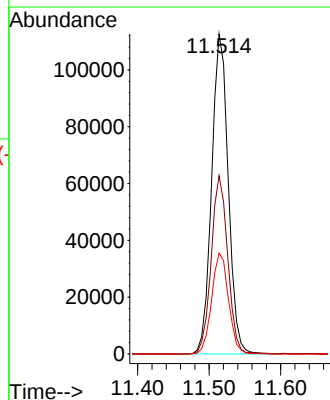
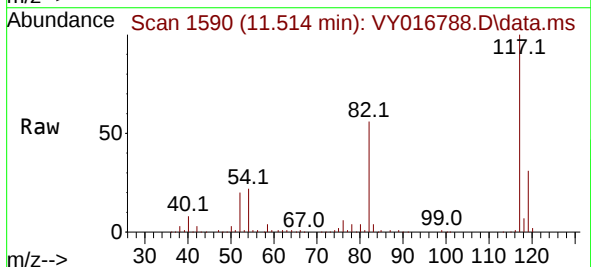
Instrument :
MSVOA_Y
ClientSampleId :
COLY1

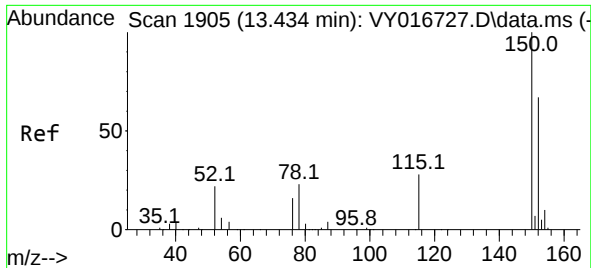
Tgt Ion: 95 Resp: 66371
Ion Ratio Lower Upper
95 100
174 78.2 0.0 160.0
176 75.9 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016788.D
Acq: 22 Dec 2023 04:35

Tgt Ion: 117 Resp: 181523
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 31.5 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016788.D

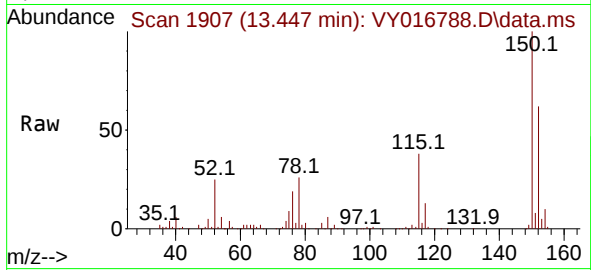
Acq: 22 Dec 2023 04:35

Instrument :

MSVOA_Y

ClientSampleId :

C0LY1



Tgt Ion:152 Resp: 64460

Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 158.7 0.0 344.6

