

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016825.D
 Acq On : 22 Dec 2023 21:51
 Operator : SY/MD
 Sample : 05957-02
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLZ0

Quant Time: Dec 22 23:06:35 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)

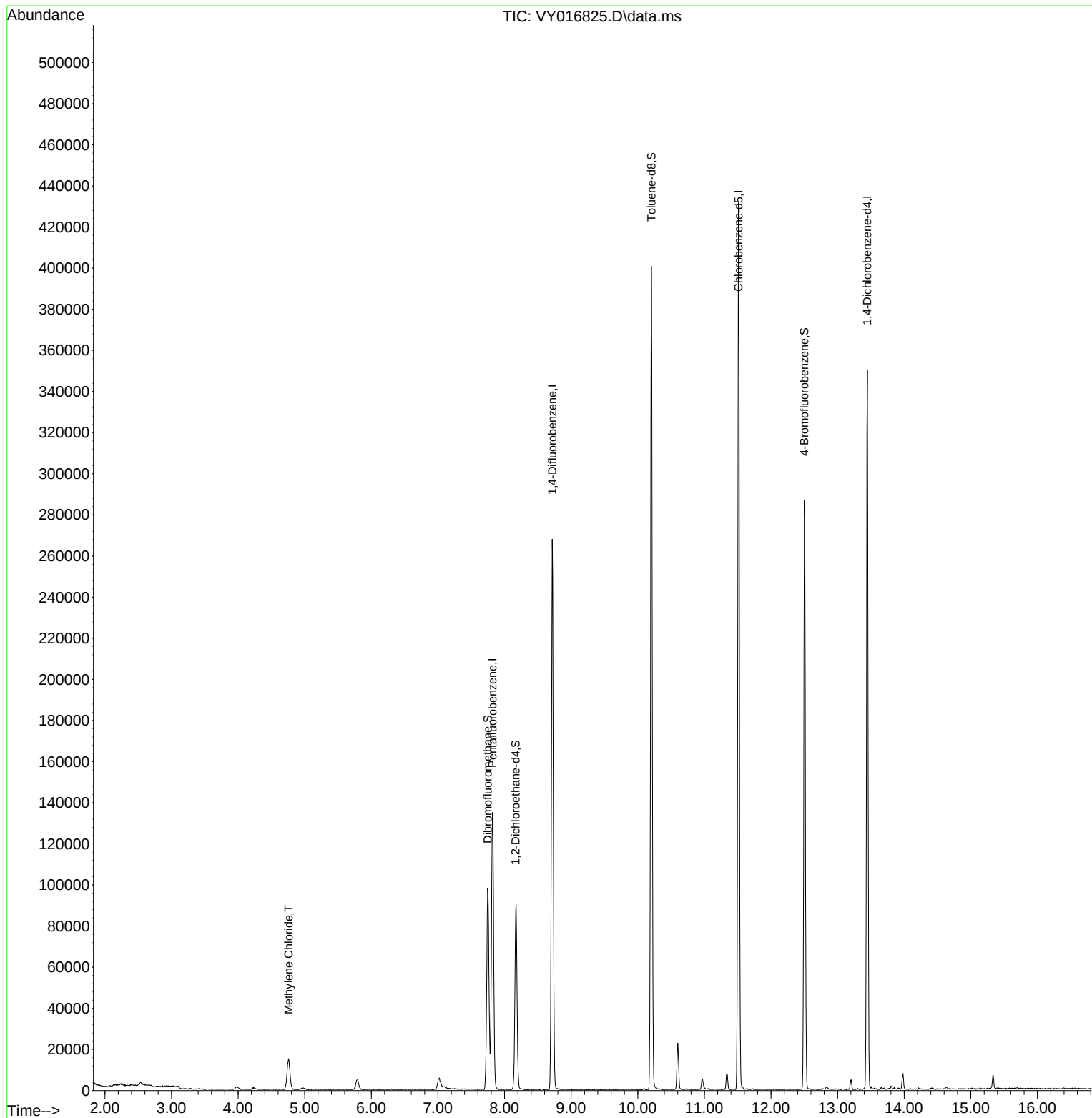
Internal Standards						
1) Pentafluorobenzene	7.820	168	101992	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	225324	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	231522	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	86454	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	68875	73.973	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.940%	
35) Dibromofluoromethane	7.746	113	71519	55.411	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.820%	
50) Toluene-d8	10.203	98	257277	55.294	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.580%	
62) 4-Bromofluorobenzene	12.502	95	84144	55.742	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.480%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.759	84	11195	5.958	ug/l	96

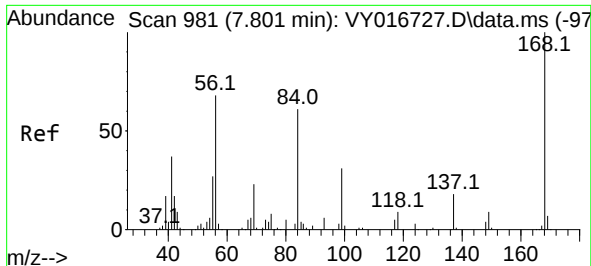
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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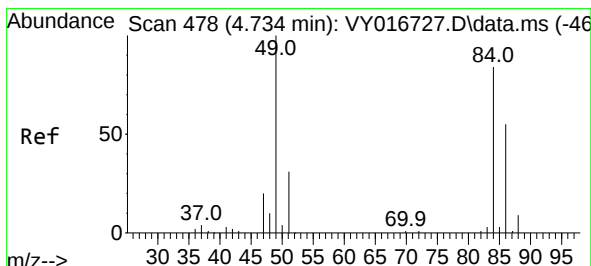
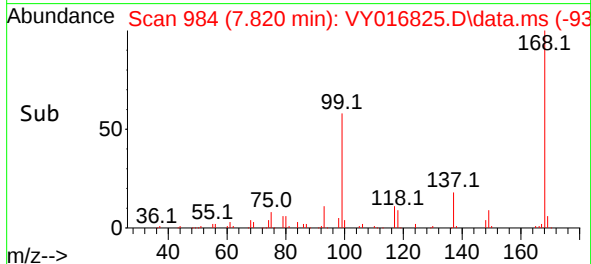
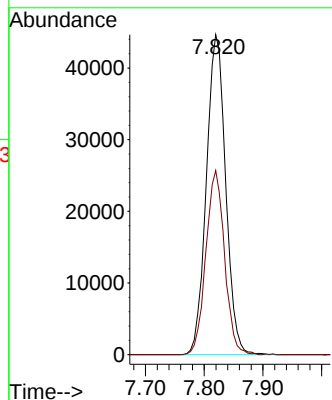
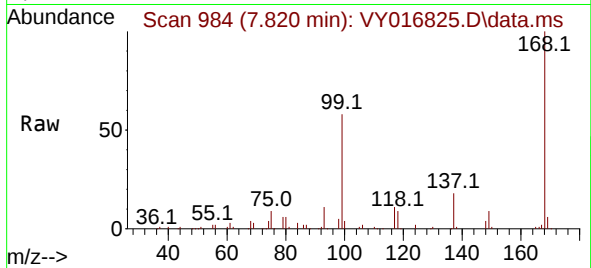




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.820 min Scan# 981
Delta R.T. 0.019 min
Lab File: VY016825.D
Acq: 22 Dec 2023 21:51

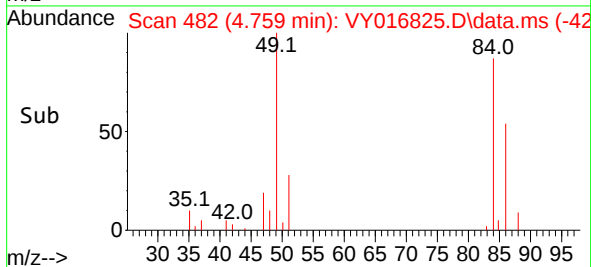
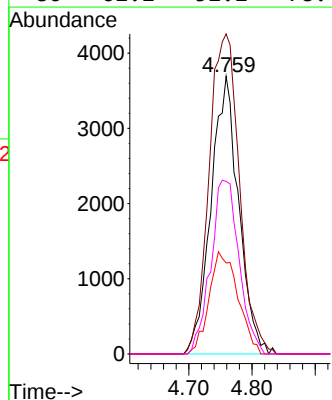
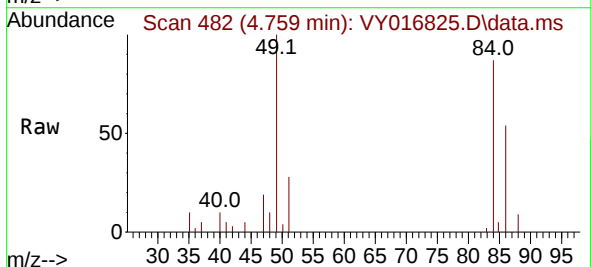
Instrument :
MSVOA_Y
ClientSampleId :
COLZ0

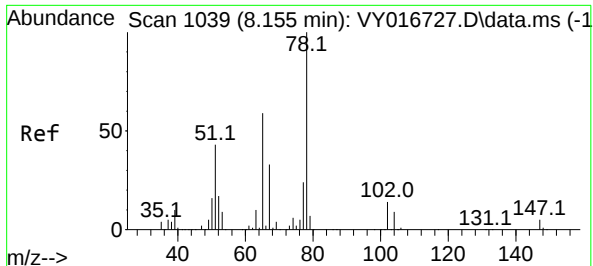
Tgt Ion:168 Resp: 101992
Ion Ratio Lower Upper
168 100
99 57.5 44.2 66.4



#20
Methylene Chloride
Concen: 5.958 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY016825.D
Acq: 22 Dec 2023 21:51

Tgt Ion: 84 Resp: 11195
Ion Ratio Lower Upper
84 100
49 115.3 95.2 142.8
51 32.8 29.9 44.9
86 62.2 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 73.973 ug/l

RT: 8.167 min Scan# 1103

Delta R.T. 0.013 min

Lab File: VY016825.D

Acq: 22 Dec 2023 21:51

Instrument :

MSVOA_Y

ClientSampleId :

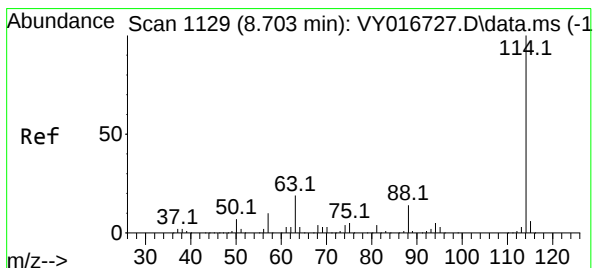
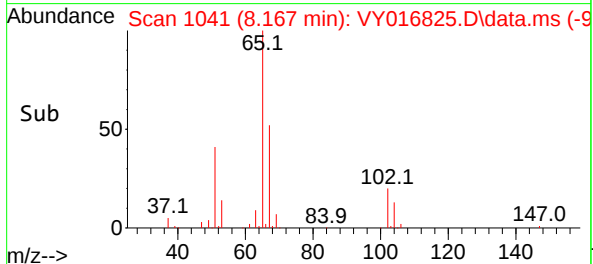
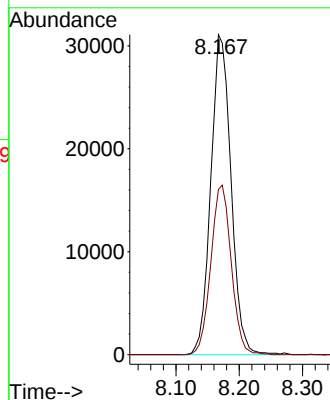
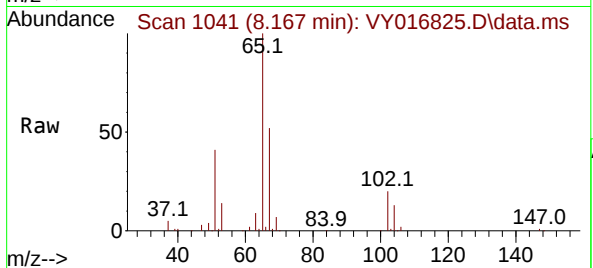
COLZO

Tgt Ion: 65 Resp: 68875

Ion Ratio Lower Upper

65 100

67 53.5 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: VY016825.D

Acq: 22 Dec 2023 21:51

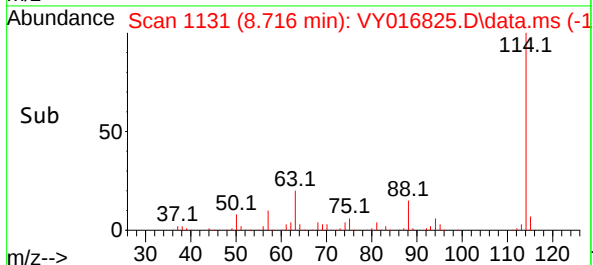
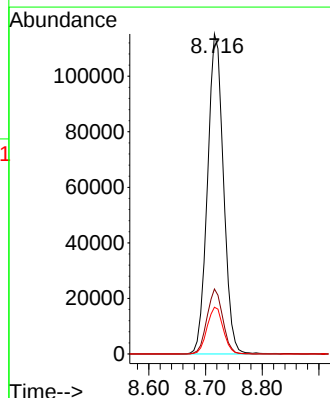
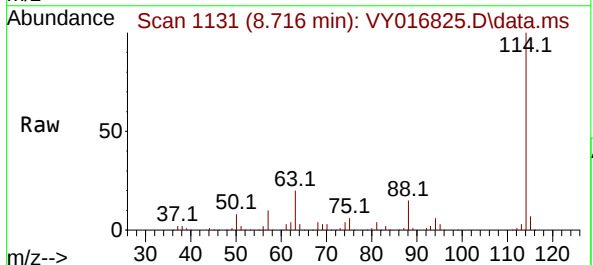
Tgt Ion: 114 Resp: 225324

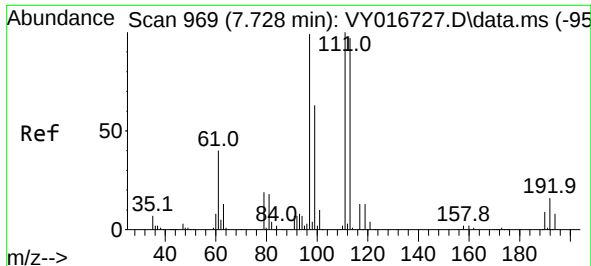
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 14.6 0.0 29.0

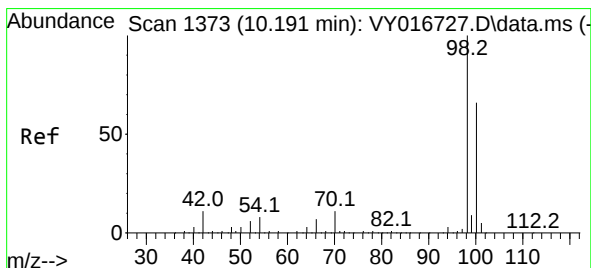
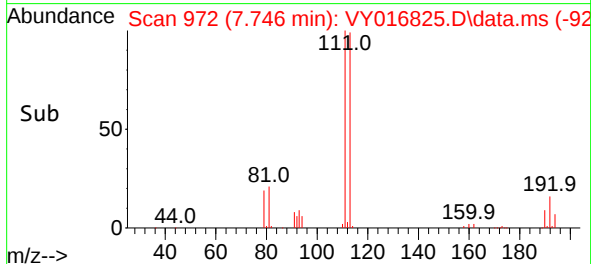
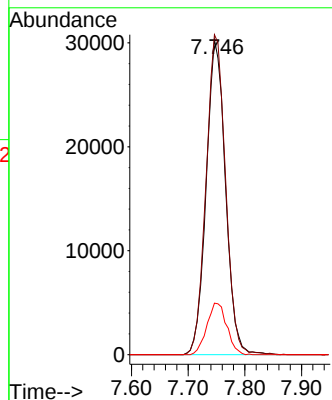
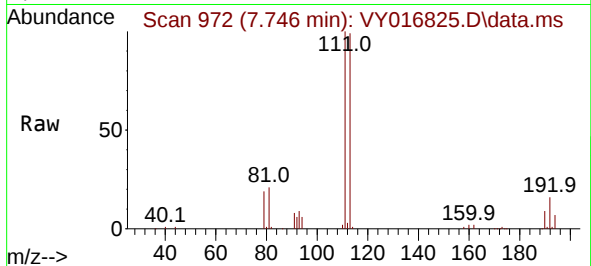




#35
Dibromofluoromethane
Concen: 55.411 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY016825.D
Acq: 22 Dec 2023 21:51

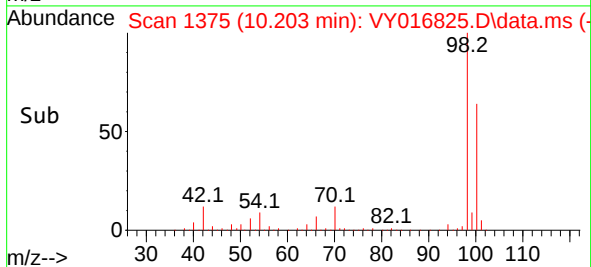
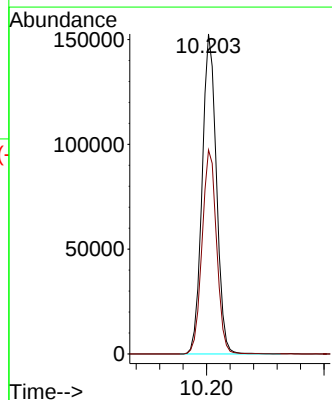
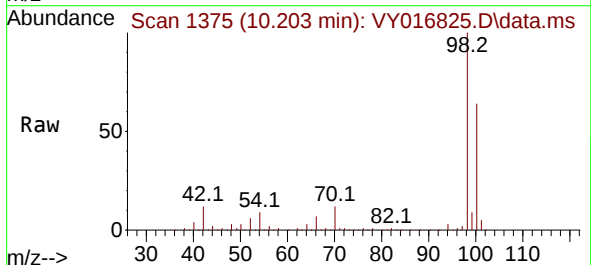
Instrument :
MSVOA_Y
ClientSampleId :
COLZ0

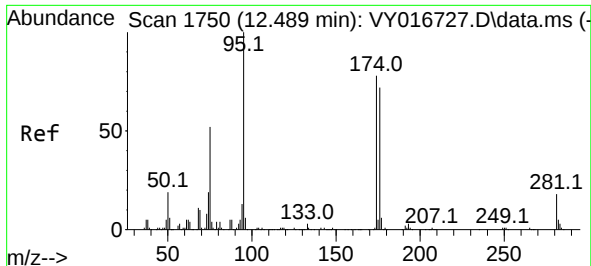
Tgt Ion:113 Resp: 71519
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 16.9 14.5 21.7



#50
Toluene-d8
Concen: 55.294 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.013 min
Lab File: VY016825.D
Acq: 22 Dec 2023 21:51

Tgt Ion: 98 Resp: 257277
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5

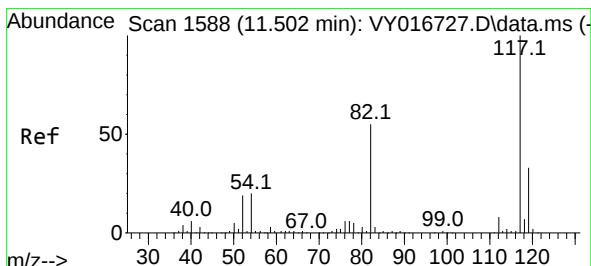
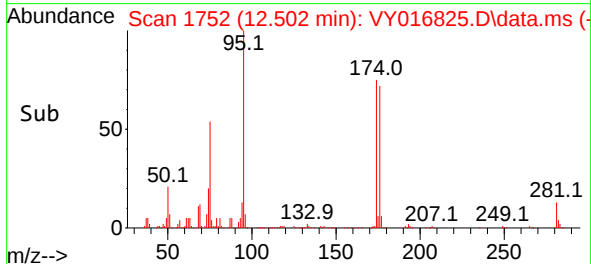
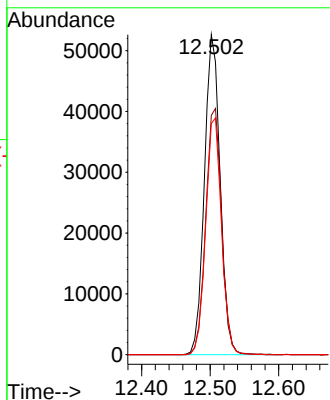
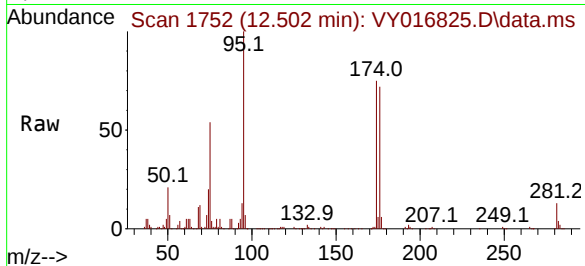




#62
4-Bromofluorobenzene
Concen: 55.742 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY016825.D
Acq: 22 Dec 2023 21:51

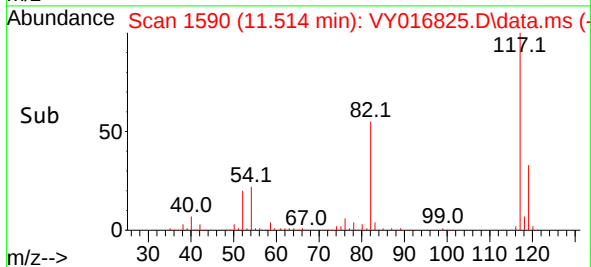
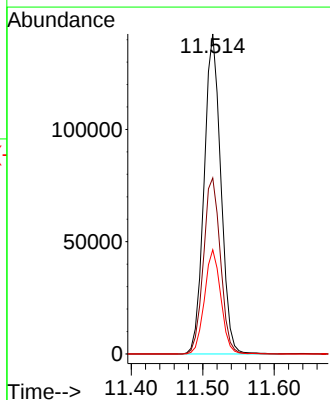
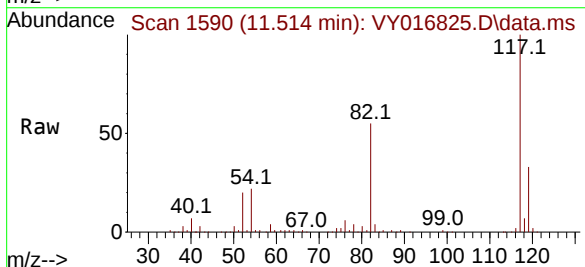
Instrument :
MSVOA_Y
ClientSampleId :
COLZ0

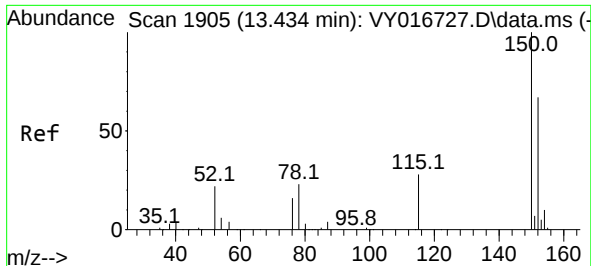
Tgt Ion: 95 Resp: 84144
Ion Ratio Lower Upper
95 100
174 78.1 0.0 160.0
176 74.0 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.013 min
Lab File: VY016825.D
Acq: 22 Dec 2023 21:51

Tgt Ion: 117 Resp: 231522
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.8
119 32.6 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VY016825.D

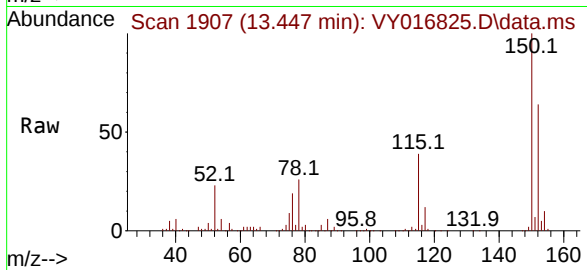
Acq: 22 Dec 2023 21:51

Instrument :

MSVOA_Y

ClientSampleId :

COLZO



Tgt Ion:152 Resp: 86454

Ion Ratio Lower Upper

152 100

115 60.7 30.0 90.0

150 157.8 0.0 344.6

