

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016744.D
 Acq On : 21 Dec 2023 06:44
 Operator : SY/MD
 Sample : 05876-13
 Misc : 4.36g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLX8

Quant Time: Dec 21 07:12:50 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)

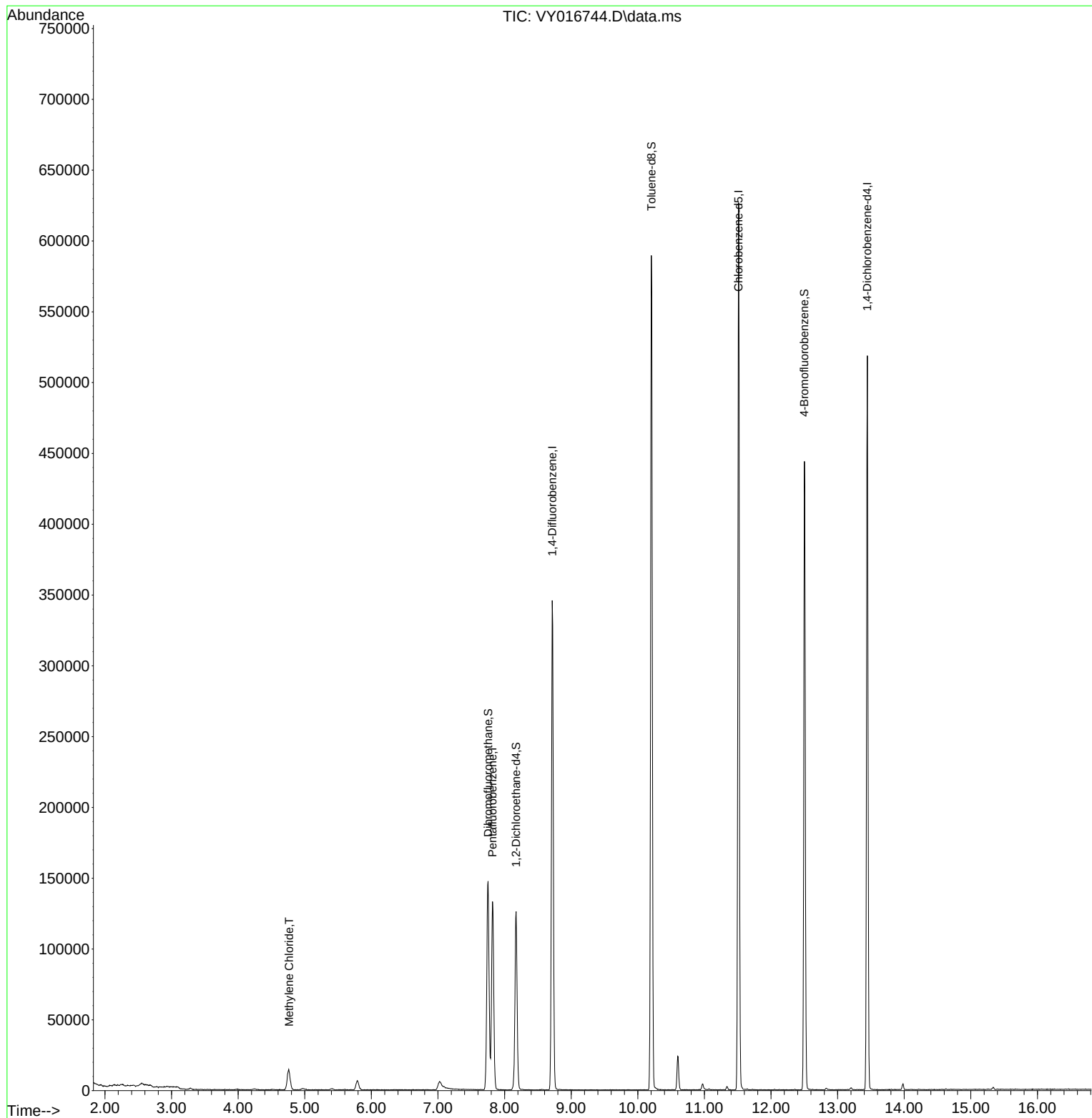
Internal Standards						
1) Pentafluorobenzene	7.819	168	101207	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	295922	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	328260	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	125850	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	95283	103.130	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 206.260%#	
35) Dibromofluoromethane	7.752	113	107577	63.463	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.920%	
50) Toluene-d8	10.203	98	390211	63.857	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 127.720%	
62) 4-Bromofluorobenzene	12.502	95	135596	68.397	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 136.800%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.765	84	10942	5.824	ug/l	96

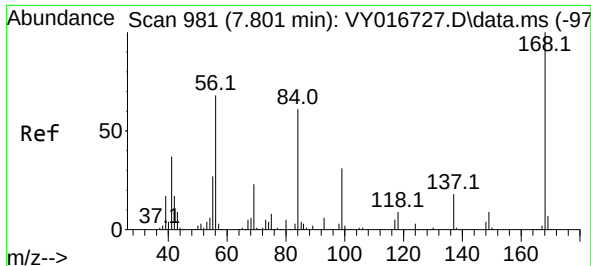
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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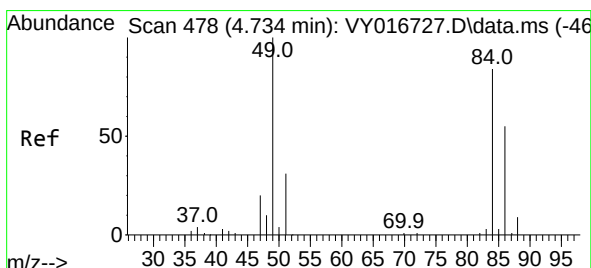
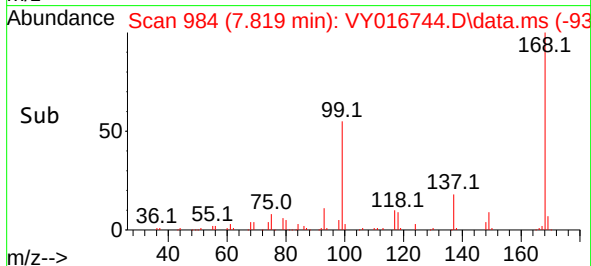
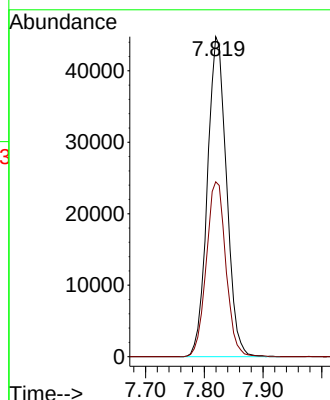
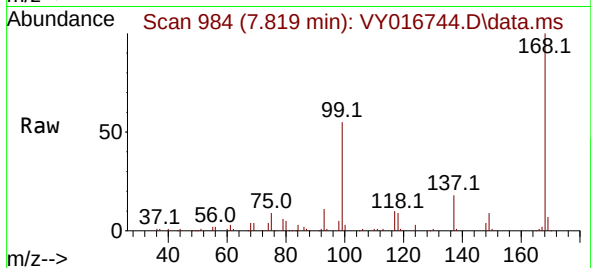




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016744.D
Acq: 21 Dec 2023 06:44

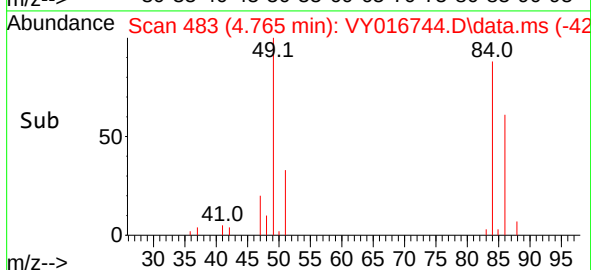
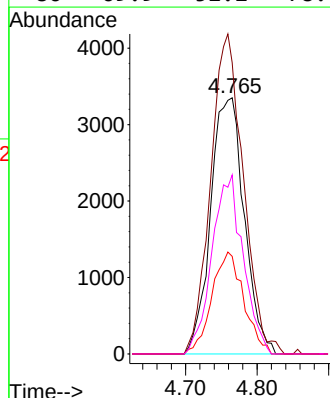
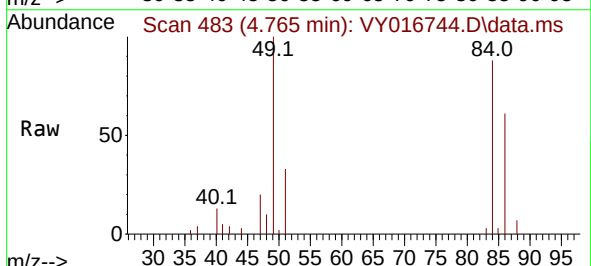
Instrument :
MSVOA_Y
ClientSampleId :
COLX8

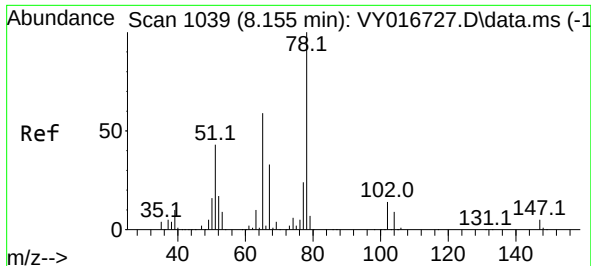
Tgt Ion:168 Resp: 101207
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#20
Methylene Chloride
Concen: 5.824 ug/l
RT: 4.765 min Scan# 483
Delta R.T. 0.031 min
Lab File: VY016744.D
Acq: 21 Dec 2023 06:44

Tgt Ion: 84 Resp: 10942
Ion Ratio Lower Upper
84 100
49 113.7 95.2 142.8
51 38.1 29.9 44.9
86 69.9 52.2 78.4

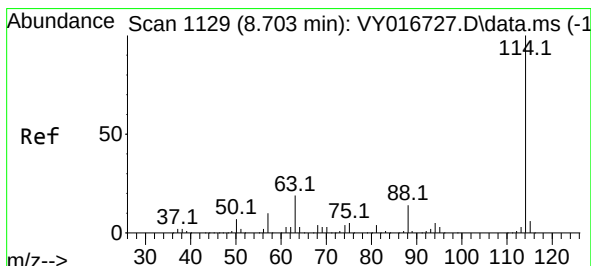
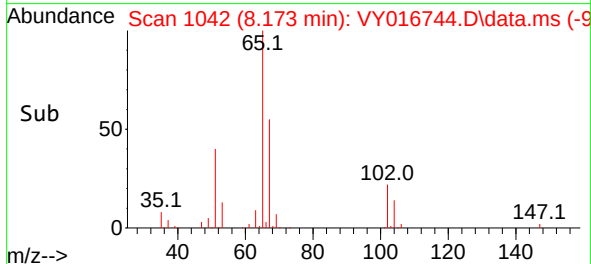
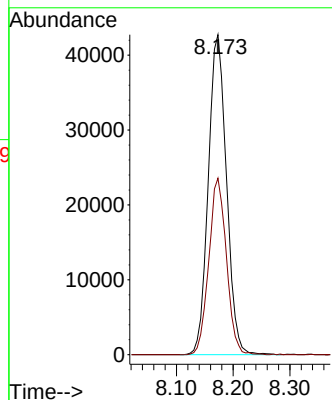
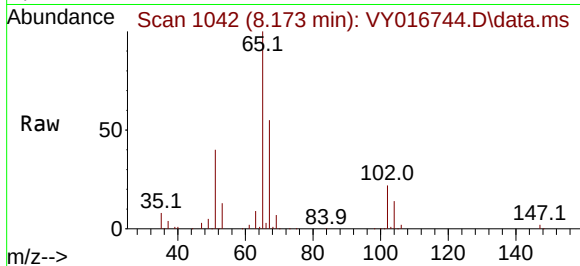




#33
 1,2-Dichloroethane-d4
 Concen: 103.130 ug/l
 RT: 8.173 min Scan# 1103
 Delta R.T. 0.019 min
 Lab File: VY016744.D
 Acq: 21 Dec 2023 06:44

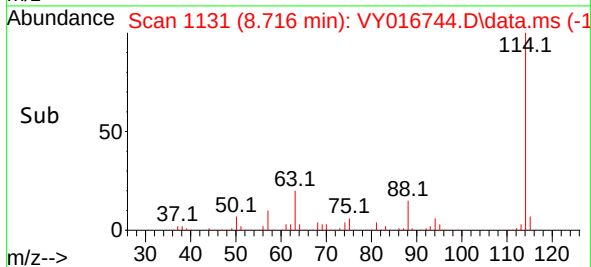
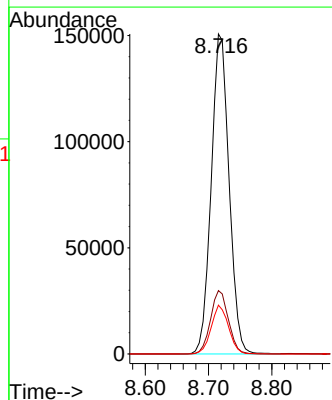
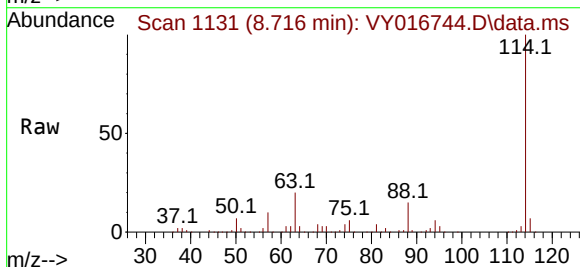
Instrument :
 MSVOA_Y
 ClientSampleId :
 COLX8

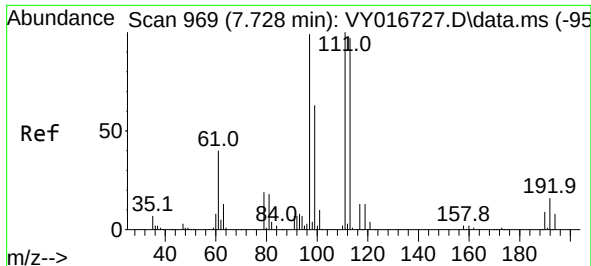
Tgt Ion: 65 Resp: 95283
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.716 min Scan# 1131
 Delta R.T. 0.013 min
 Lab File: VY016744.D
 Acq: 21 Dec 2023 06:44

Tgt Ion: 114 Resp: 295922
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 37.4
 88 15.3 0.0 29.0



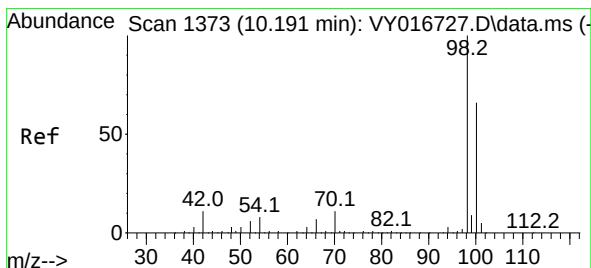
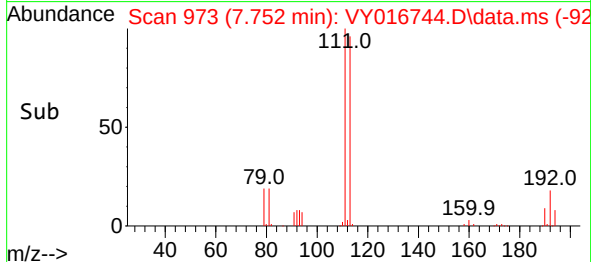
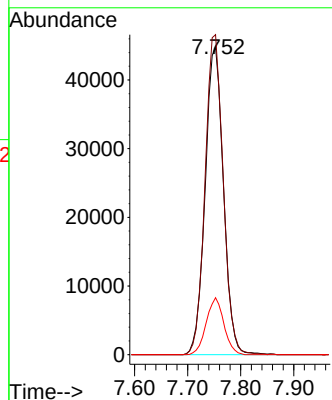
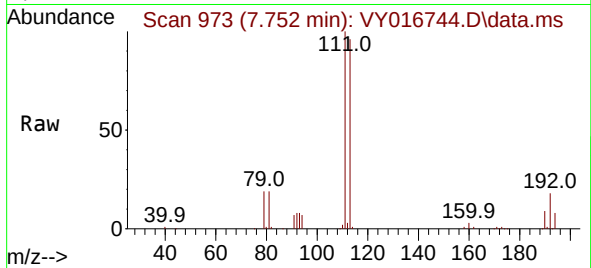


#35
 Dibromofluoromethane
 Concen: 63.463 ug/l
 RT: 7.752 min Scan# 91
 Delta R.T. 0.025 min
 Lab File: VY016744.D
 Acq: 21 Dec 2023 06:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLX8

Tgt Ion:113 Resp: 107577

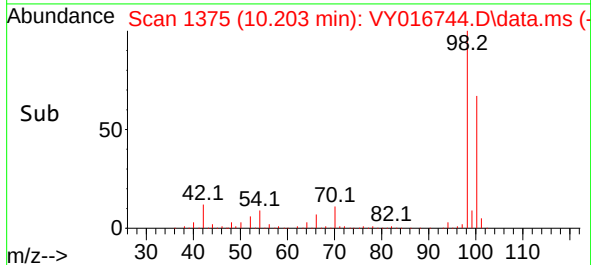
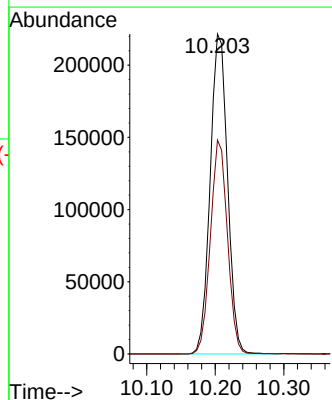
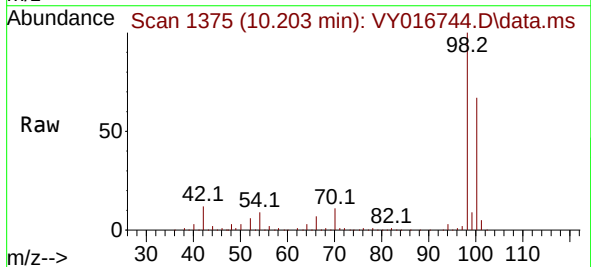
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.8	125.6
192	17.9	14.5	21.7

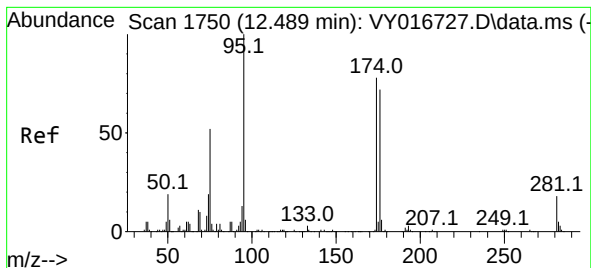


#50
 Toluene-d8
 Concen: 63.857 ug/l
 RT: 10.203 min Scan# 1375
 Delta R.T. 0.012 min
 Lab File: VY016744.D
 Acq: 21 Dec 2023 06:44

Tgt Ion: 98 Resp: 390211

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.3	78.5

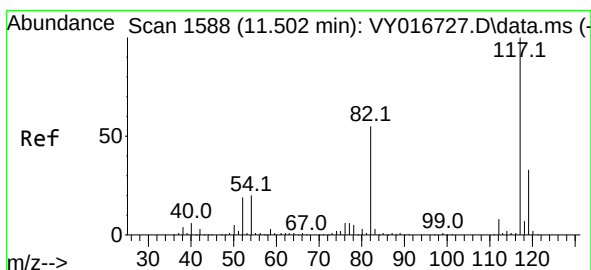
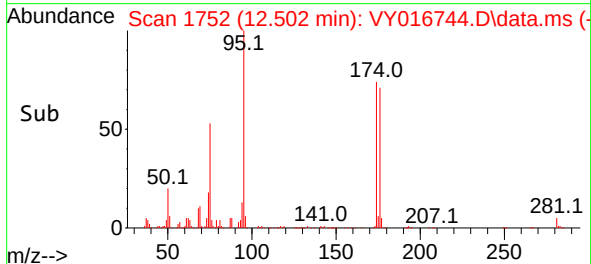
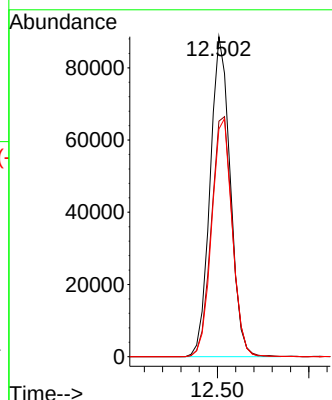
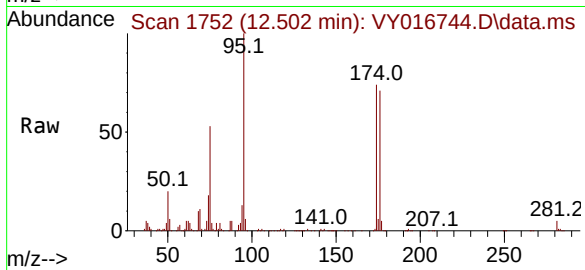




#62
4-Bromofluorobenzene
Concen: 68.397 ug/l
RT: 12.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016744.D
Acq: 21 Dec 2023 06:44

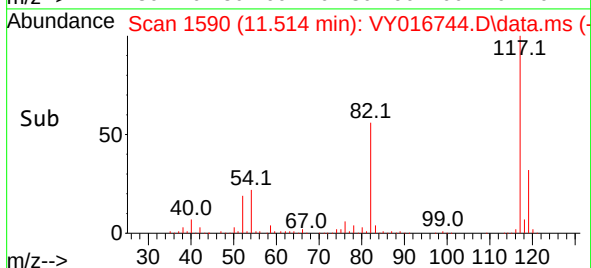
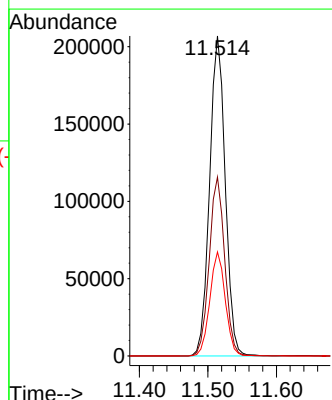
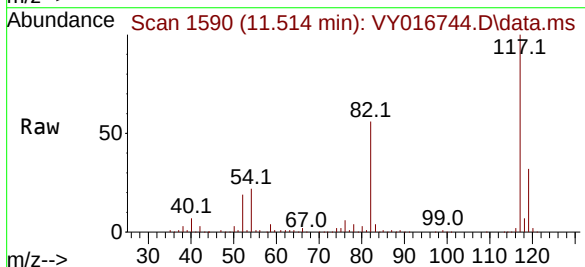
Instrument :
MSVOA_Y
ClientSampleId :
COLX8

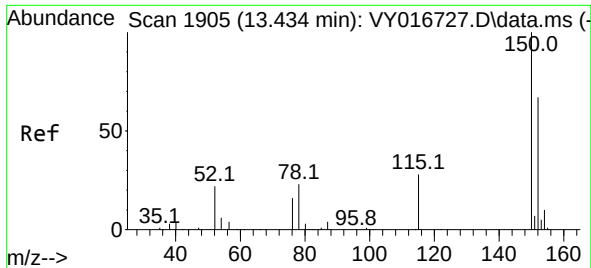
Tgt Ion: 95 Resp: 135596
Ion Ratio Lower Upper
95 100
174 77.9 0.0 160.0
176 75.7 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016744.D
Acq: 21 Dec 2023 06:44

Tgt Ion: 117 Resp: 328260
Ion Ratio Lower Upper
117 100
82 55.9 43.8 65.8
119 32.5 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: VY016744.D

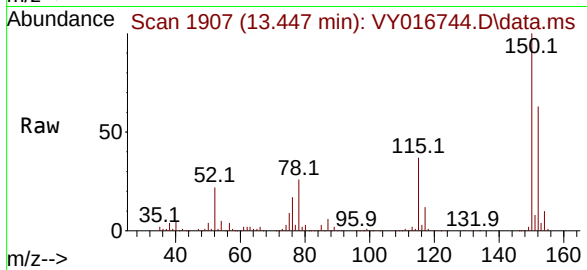
Acq: 21 Dec 2023 06:44

Instrument :

MSVOA_Y

ClientSampleId :

COLX8



Tgt Ion:152 Resp: 125850

Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 158.6 0.0 344.6

