

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016751.D
 Acq On : 21 Dec 2023 09:28
 Operator : SY/MD
 Sample : 05876-20
 Misc : 3.53g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLY5

Quant Time: Dec 21 14:20:48 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)

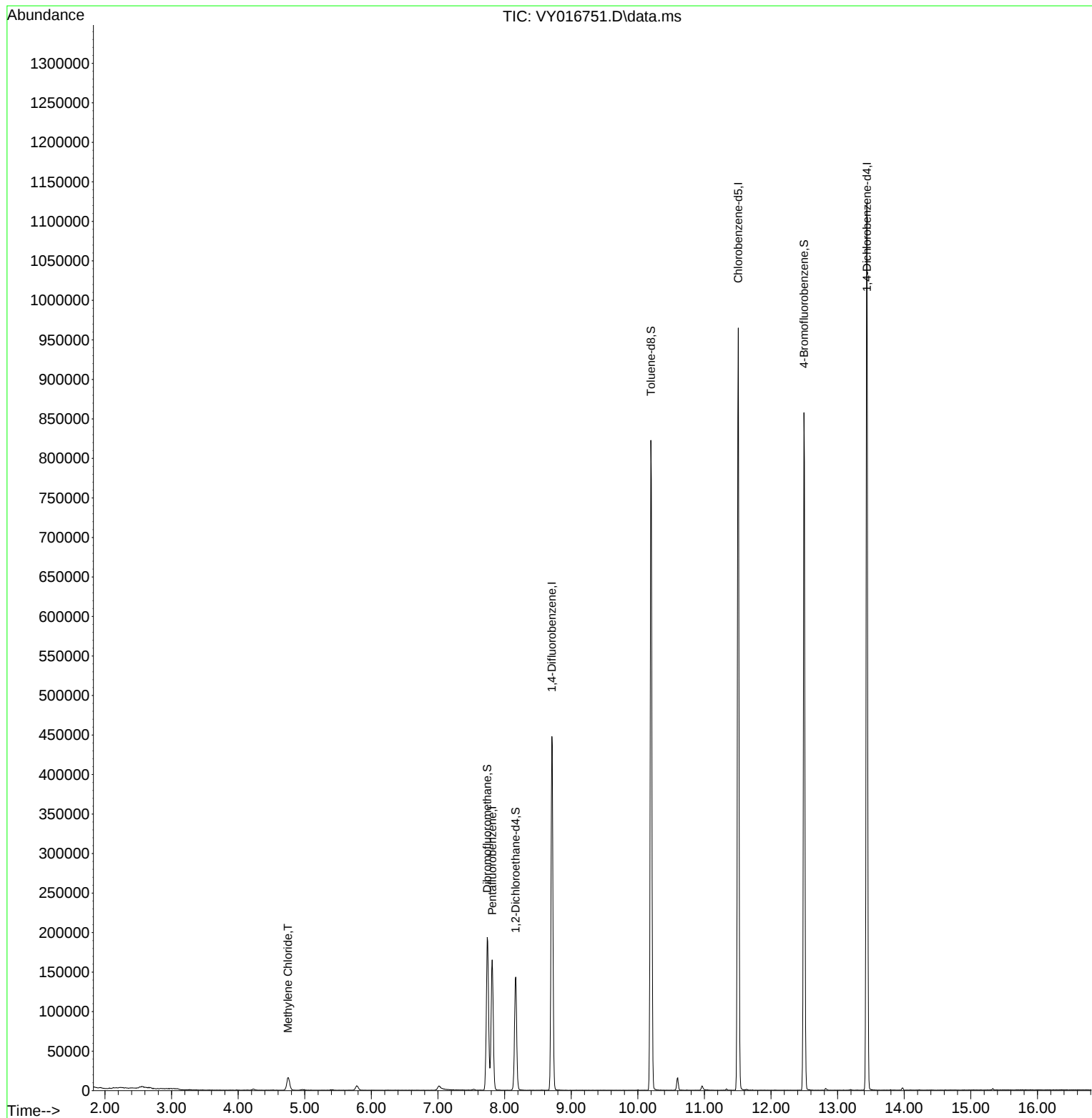
Internal Standards						
1) Pentafluorobenzene	7.813	168	123914	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	385293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	508543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	274121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	112666	99.598	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 199.200%#	
35) Dibromofluoromethane	7.740	113	141319	64.031	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.060%	
50) Toluene-d8	10.197	98	530820	66.718	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 133.440%	
62) 4-Bromofluorobenzene	12.495	95	261776	101.415	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 202.840%#	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.747	84	12619	5.315	ug/l	95

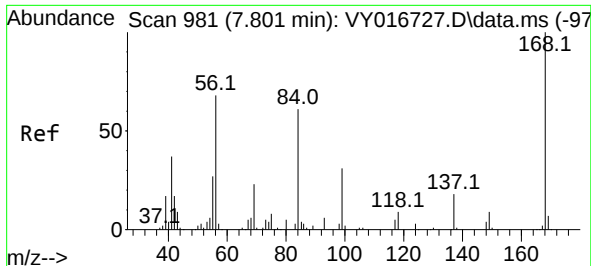
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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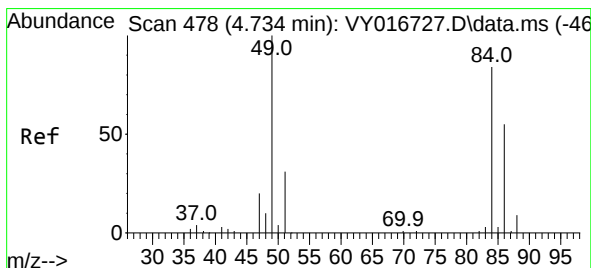
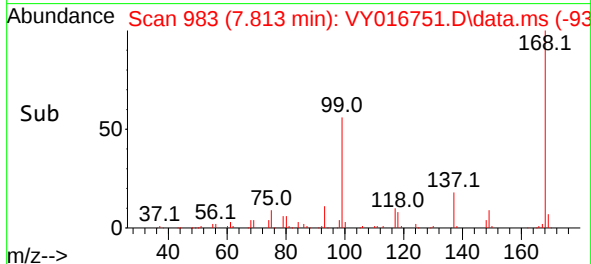
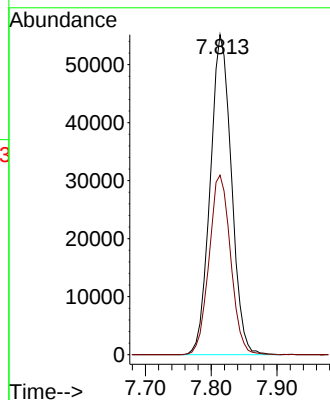
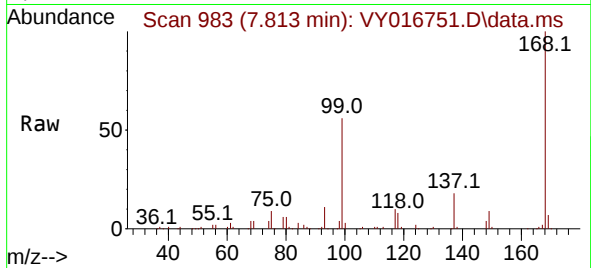




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016751.D
Acq: 21 Dec 2023 09:28

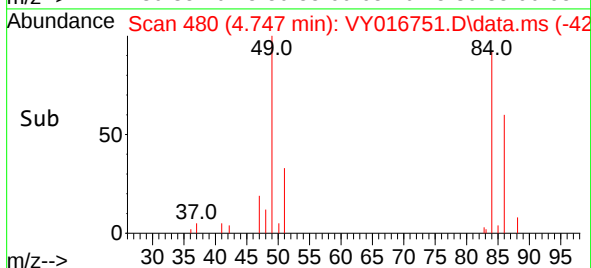
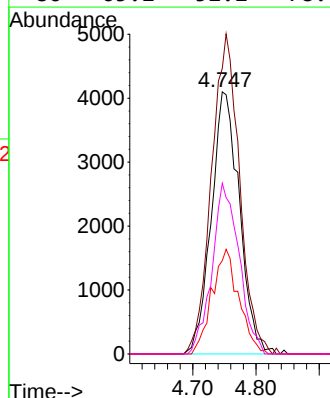
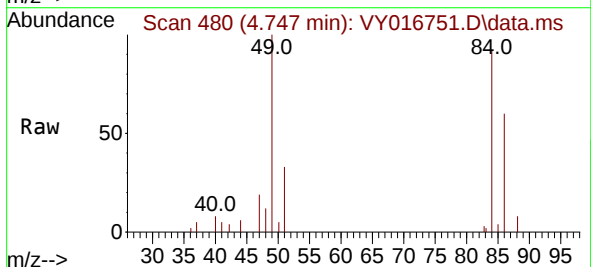
Instrument :
MSVOA_Y
ClientSampleId :
COLY5

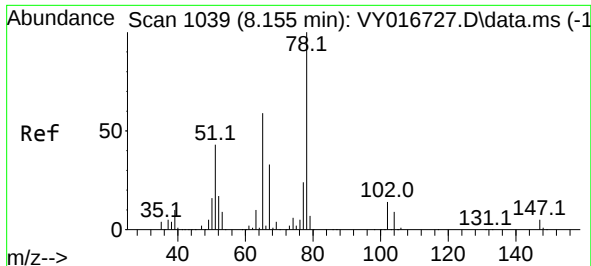
Tgt Ion:168 Resp: 123914
Ion Ratio Lower Upper
168 100
99 56.1 44.2 66.4



#20
Methylene Chloride
Concen: 5.315 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY016751.D
Acq: 21 Dec 2023 09:28

Tgt Ion: 84 Resp: 12619
Ion Ratio Lower Upper
84 100
49 108.9 95.2 142.8
51 35.6 29.9 44.9
86 65.2 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 99.598 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY016751.D

Acq: 21 Dec 2023 09:28

Instrument :

MSVOA_Y

ClientSampleId :

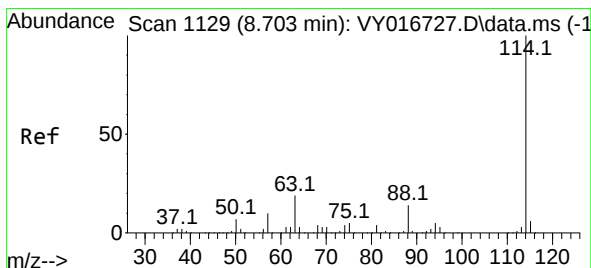
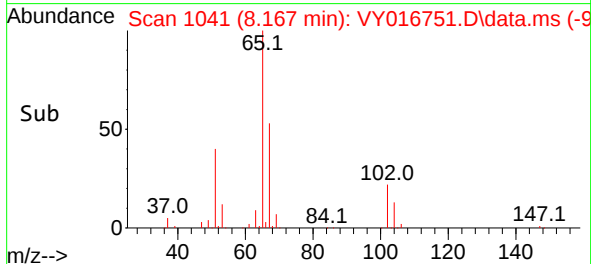
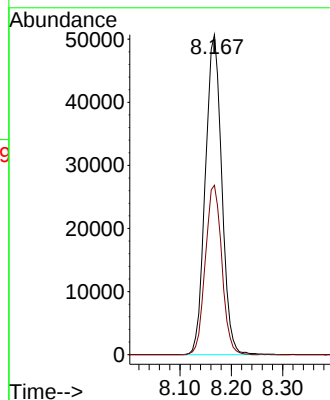
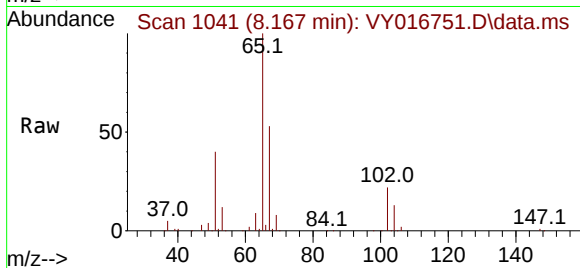
C0LY5

Tgt Ion: 65 Resp: 112666

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016751.D

Acq: 21 Dec 2023 09:28

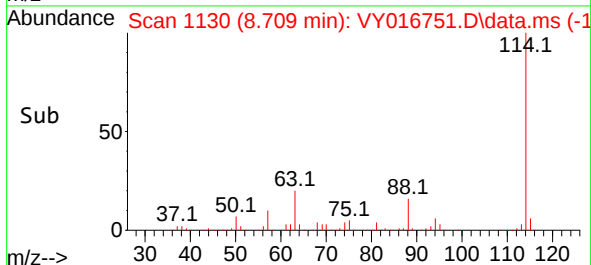
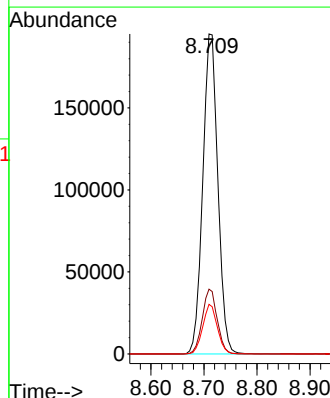
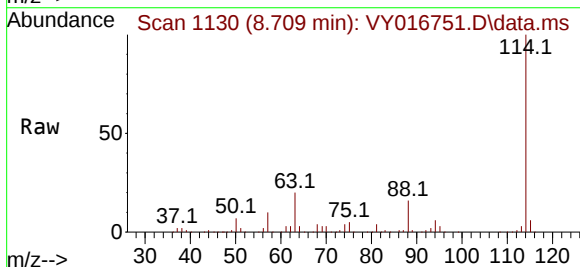
Tgt Ion: 114 Resp: 385293

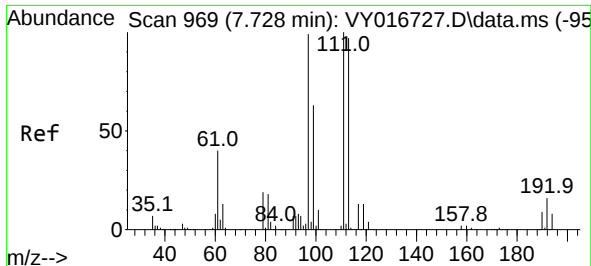
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.5 0.0 29.0

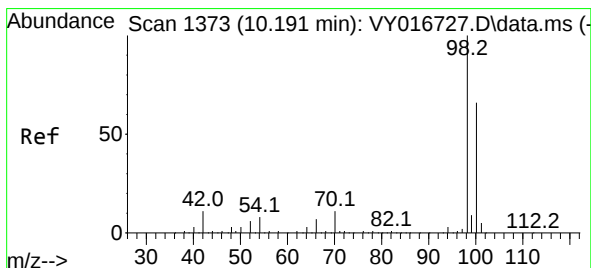
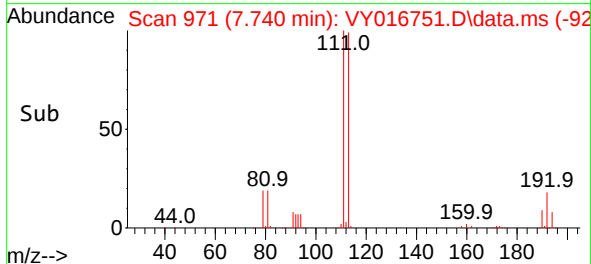
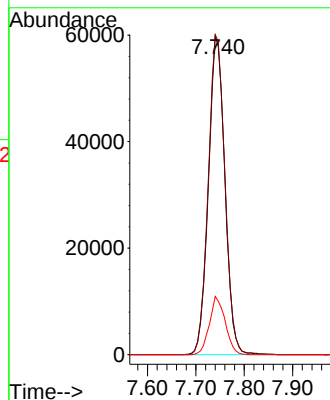
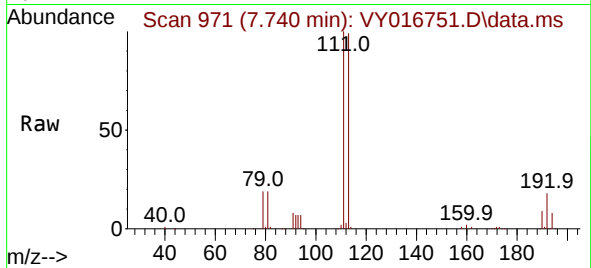




#35
Dibromofluoromethane
Concen: 64.031 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016751.D
Acq: 21 Dec 2023 09:28

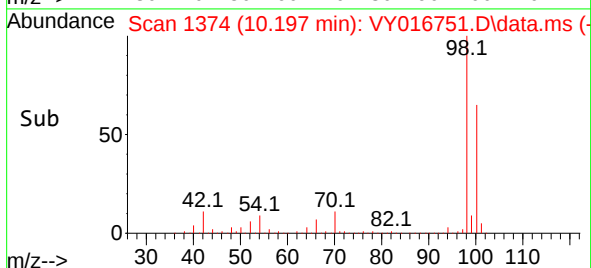
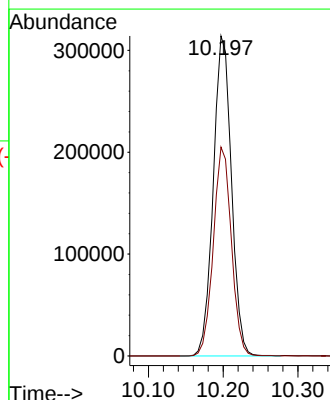
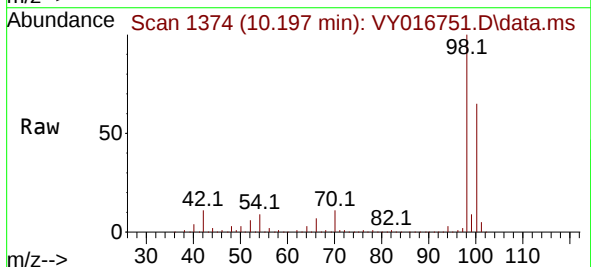
Instrument :
MSVOA_Y
ClientSampleId :
COLY5

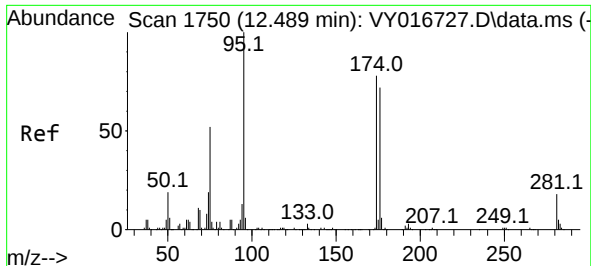
Tgt Ion:113 Resp: 141319
Ion Ratio Lower Upper
113 100
111 102.0 83.8 125.6
192 17.5 14.5 21.7



#50
Toluene-d8
Concen: 66.718 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016751.D
Acq: 21 Dec 2023 09:28

Tgt Ion: 98 Resp: 530820
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

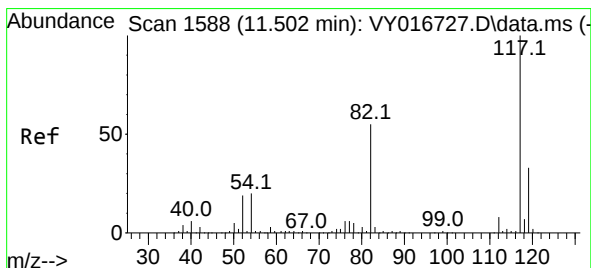
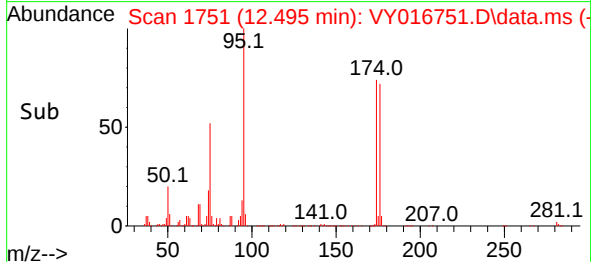
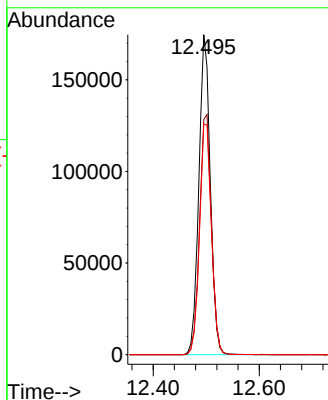
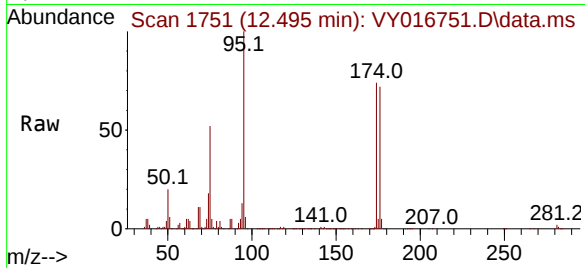




#62
4-Bromofluorobenzene
Concen: 101.415 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016751.D
Acq: 21 Dec 2023 09:28

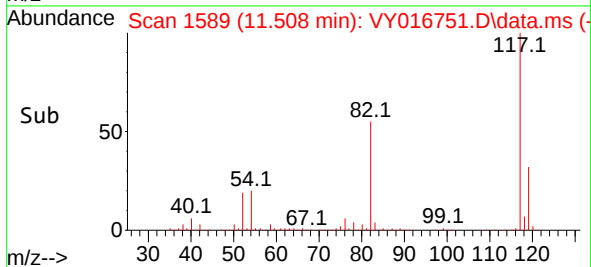
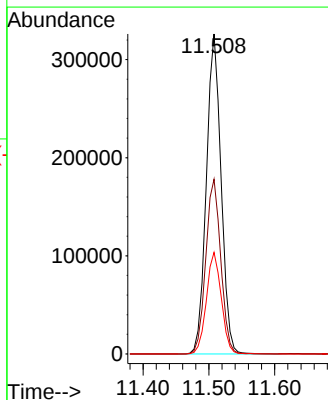
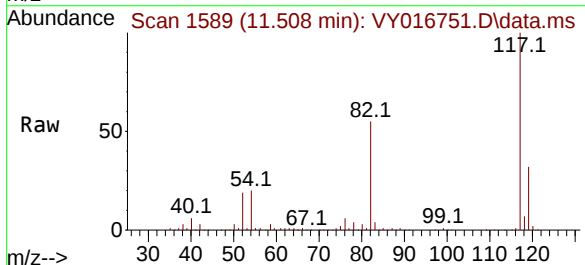
Instrument :
MSVOA_Y
ClientSampleId :
COLY5

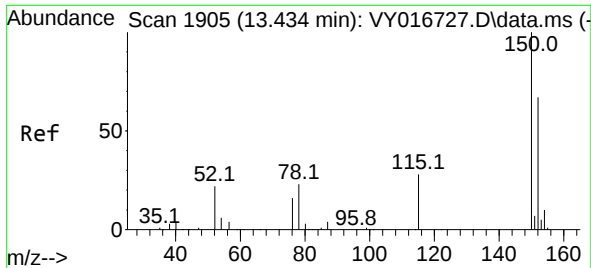
Tgt Ion: 95 Resp: 261776
Ion Ratio Lower Upper
95 100
174 77.8 0.0 160.0
176 74.8 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016751.D
Acq: 21 Dec 2023 09:28

Tgt Ion: 117 Resp: 508543
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.8
119 31.7 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016751.D

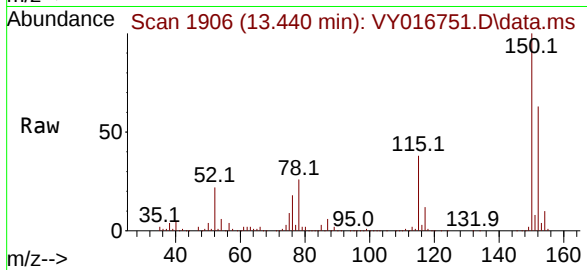
Acq: 21 Dec 2023 09:28

Instrument :

MSVOA_Y

ClientSampleId :

C0LY5



Tgt Ion:152 Resp: 274121

Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 158.1 0.0 344.6

