

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010324\
 Data File : VY016905.D
 Acq On : 03 Jan 2024 10:51
 Operator : SY/MD
 Sample : VY0103SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0103SBL01

Quant Time: Jan 04 00:29:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

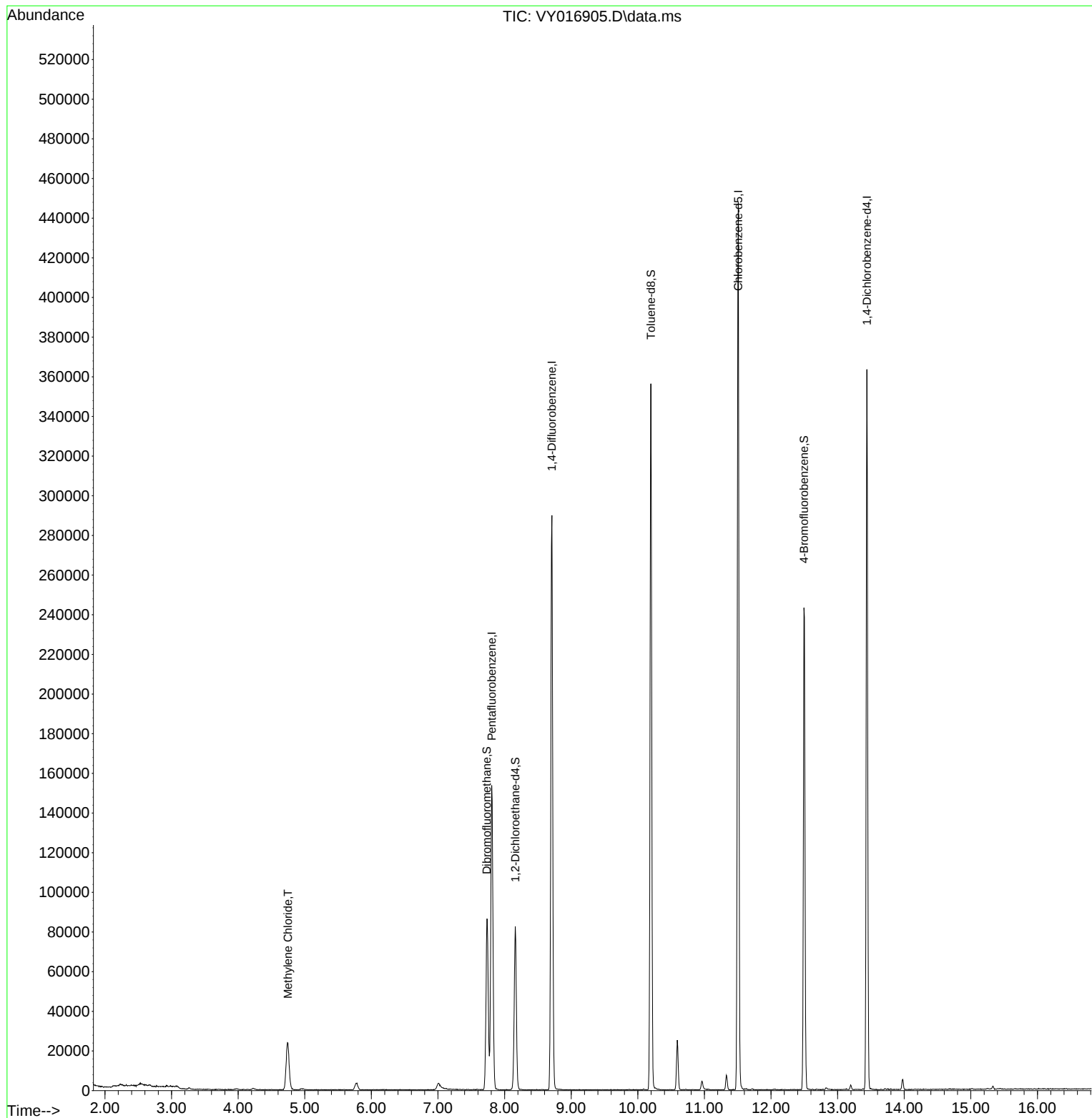
Internal Standards						
1) Pentafluorobenzene	7.807	168	117016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	250283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	239685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	89596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	62019	53.625	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.240%	
35) Dibromofluoromethane	7.734	113	63390	39.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 79.500%	
50) Toluene-d8	10.197	98	230334	41.940	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 83.880%	
62) 4-Bromofluorobenzene	12.495	95	73211	39.511	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.020%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.747	84	19048	6.403	ug/l	98

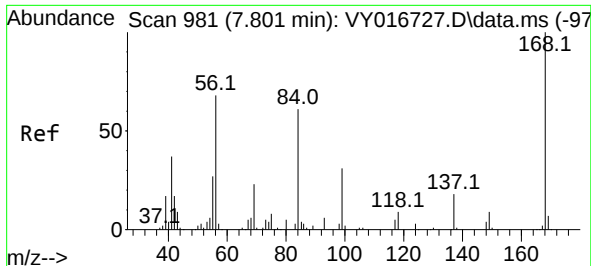
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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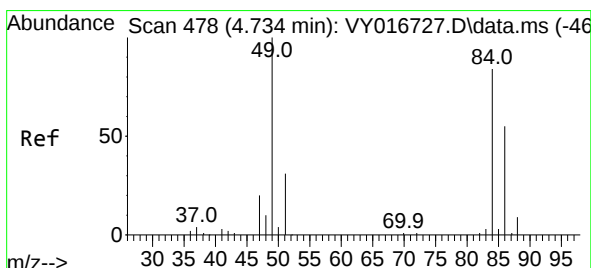
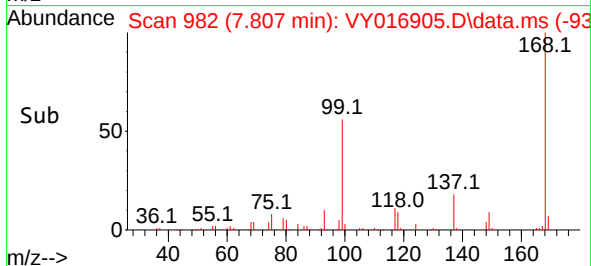
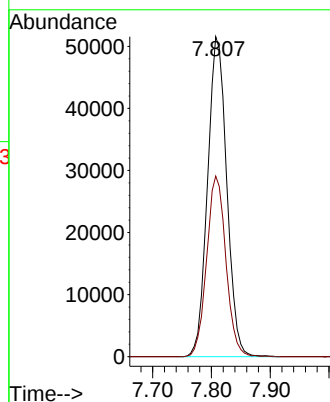
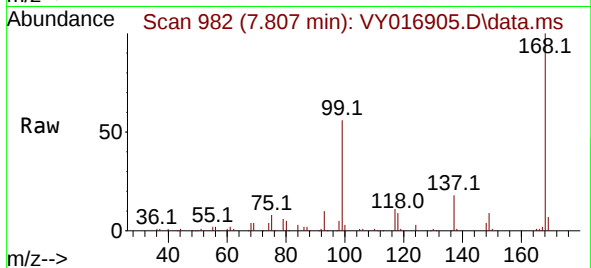




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016905.D
Acq: 03 Jan 2024 10:51

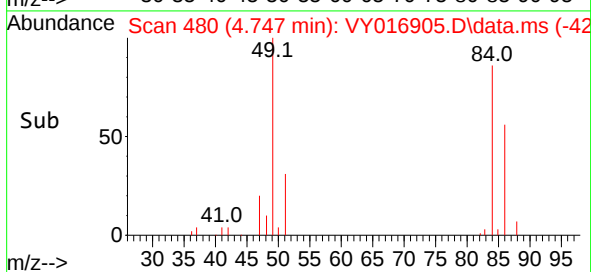
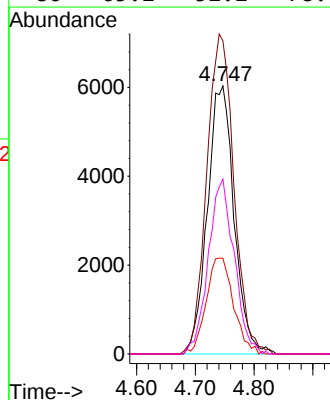
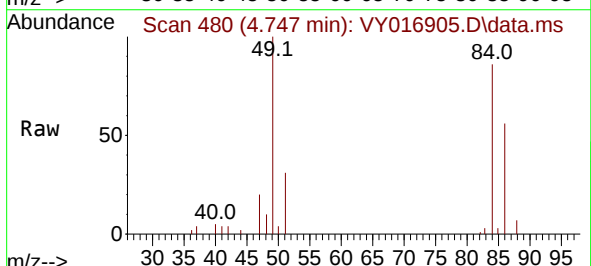
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBL01

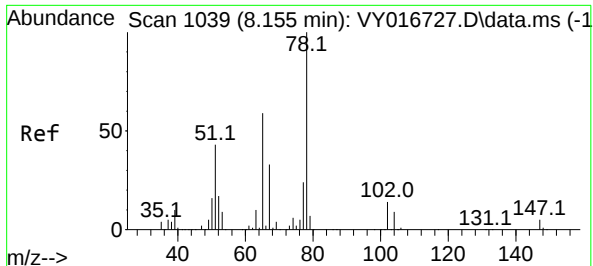
Tgt Ion:168 Resp: 117016
Ion Ratio Lower Upper
168 100
99 56.4 44.2 66.4



#20
Methylene Chloride
Concen: 6.403 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY016905.D
Acq: 03 Jan 2024 10:51

Tgt Ion: 84 Resp: 19048
Ion Ratio Lower Upper
84 100
49 116.8 95.2 142.8
51 35.7 29.9 44.9
86 65.2 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 53.625 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016905.D

Acq: 03 Jan 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

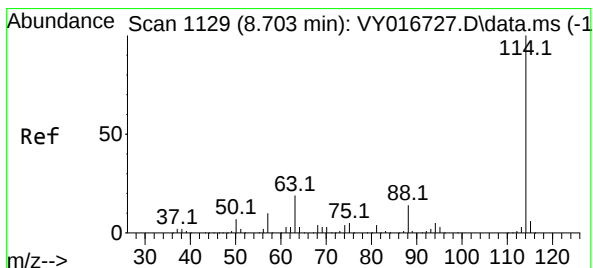
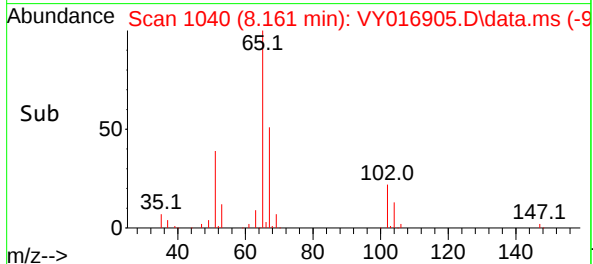
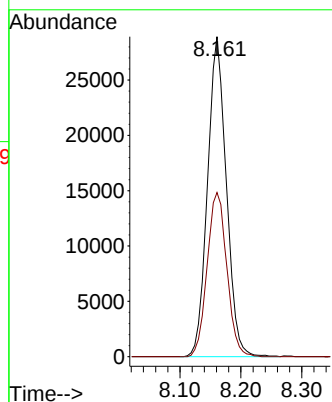
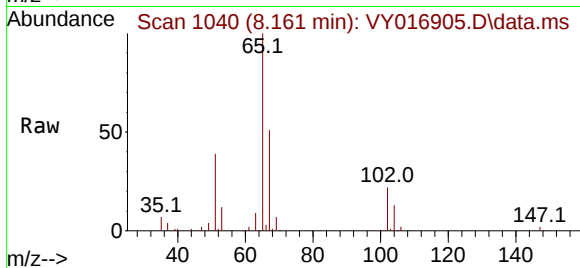
VY0103SBL01

Tgt Ion: 65 Resp: 62019

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.007 min

Lab File: VY016905.D

Acq: 03 Jan 2024 10:51

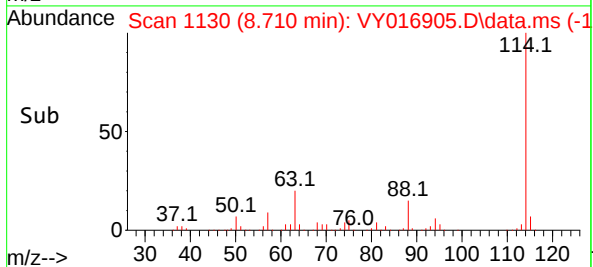
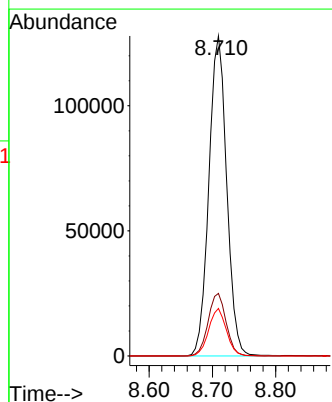
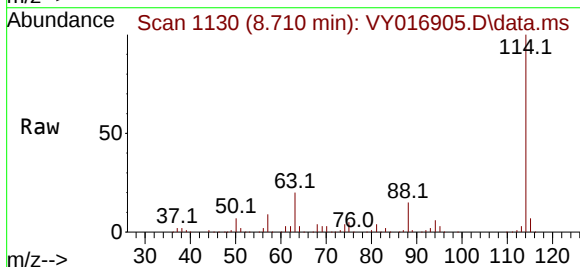
Tgt Ion: 114 Resp: 250283

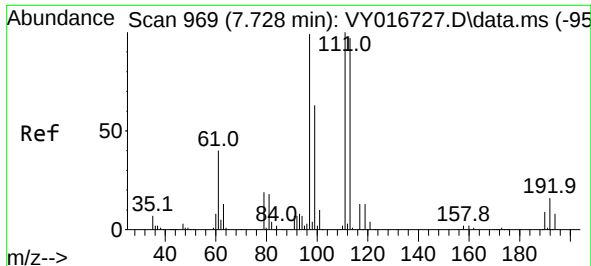
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 14.8 0.0 29.0

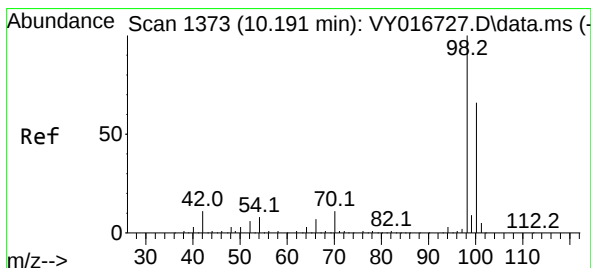
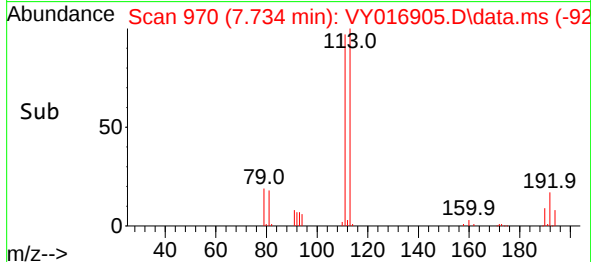
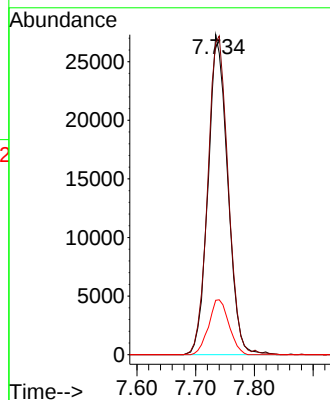
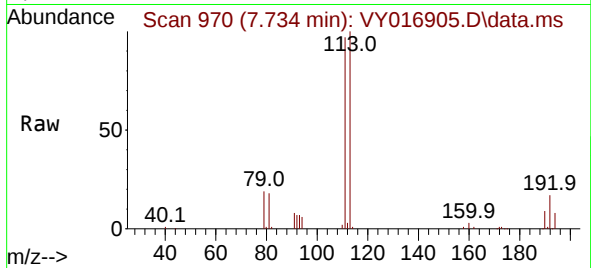




#35
Dibromofluoromethane
Concen: 39.746 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016905.D
Acq: 03 Jan 2024 10:51

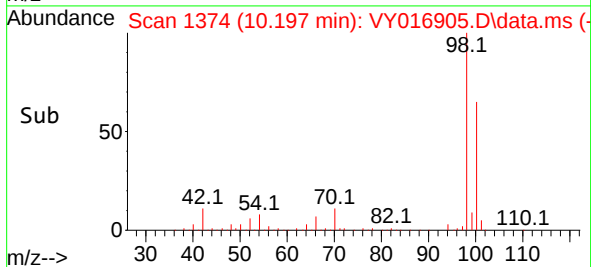
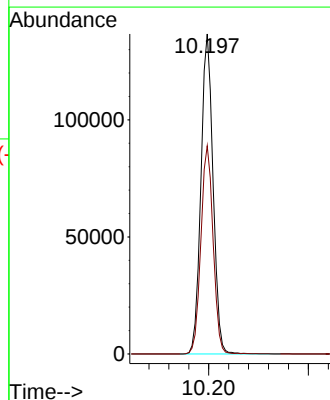
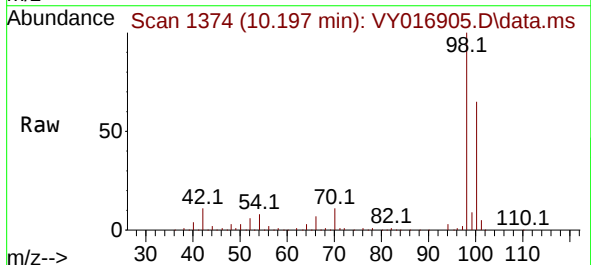
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBL01

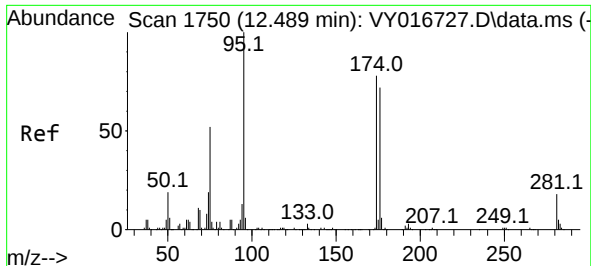
Tgt Ion:113 Resp: 63390
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 17.7 14.5 21.7



#50
Toluene-d8
Concen: 41.940 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016905.D
Acq: 03 Jan 2024 10:51

Tgt Ion: 98 Resp: 230334
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

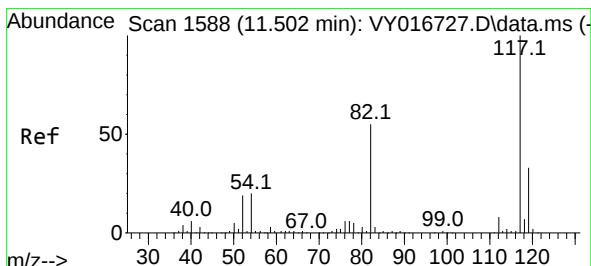
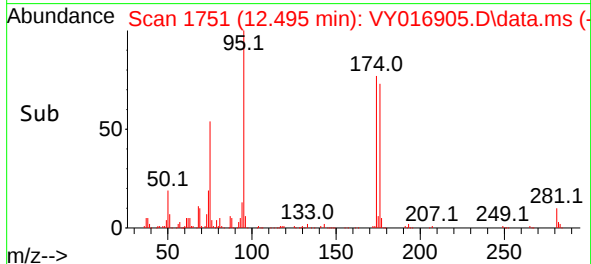
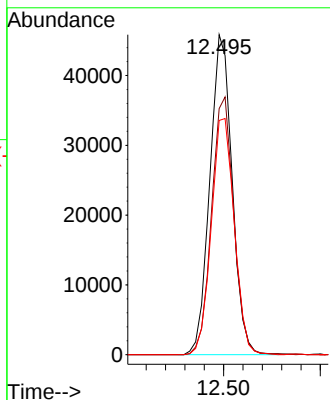
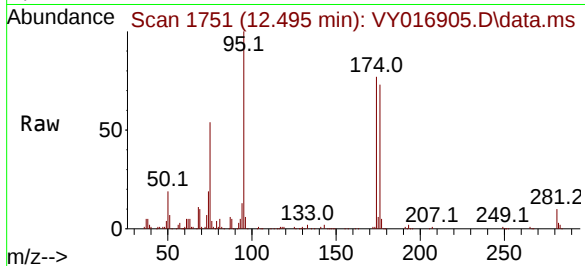




#62
4-Bromofluorobenzene
Concen: 39.511 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016905.D
Acq: 03 Jan 2024 10:51

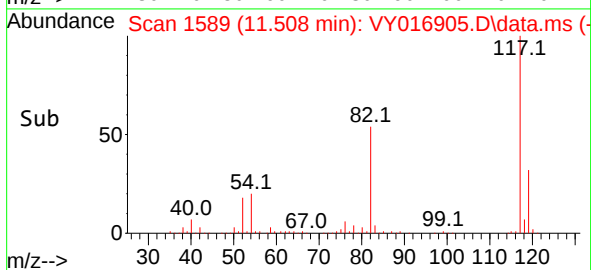
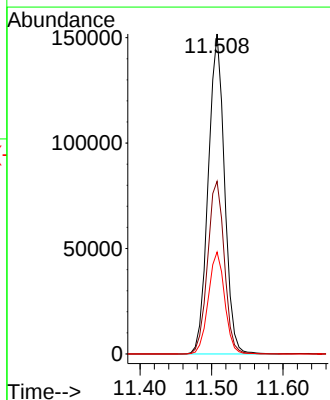
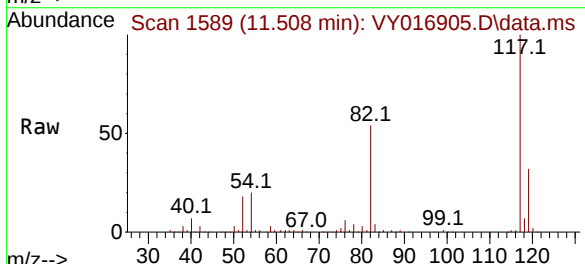
Instrument :
MSVOA_Y
ClientSampleId :
VY0103SBL01

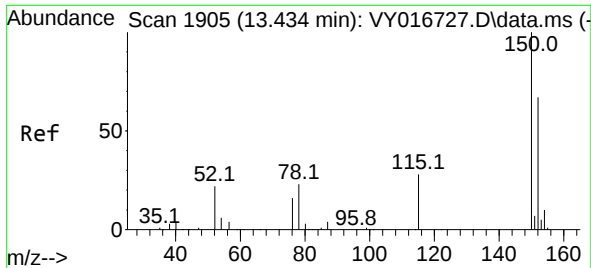
Tgt Ion: 95 Resp: 73211
Ion Ratio Lower Upper
95 100
174 80.2 0.0 160.0
176 76.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016905.D
Acq: 03 Jan 2024 10:51

Tgt Ion: 117 Resp: 239685
Ion Ratio Lower Upper
117 100
82 54.0 43.8 65.8
119 31.9 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: VY016905.D

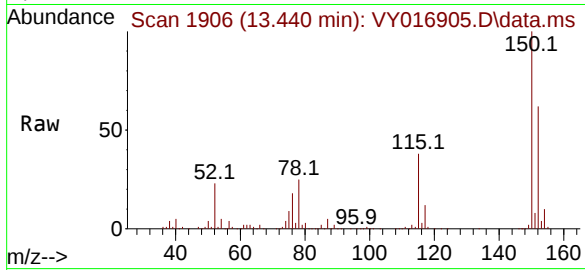
Acq: 03 Jan 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0103SBL01



Tgt Ion:152 Resp: 89596

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 159.7 0.0 344.6

