

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010824\
 Data File : VY016933.D
 Acq On : 08 Jan 2024 13:42
 Operator : SY/MD
 Sample : P1056-03
 Misc : 4.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-311P-30-32

Quant Time: Jan 09 07:48:00 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)

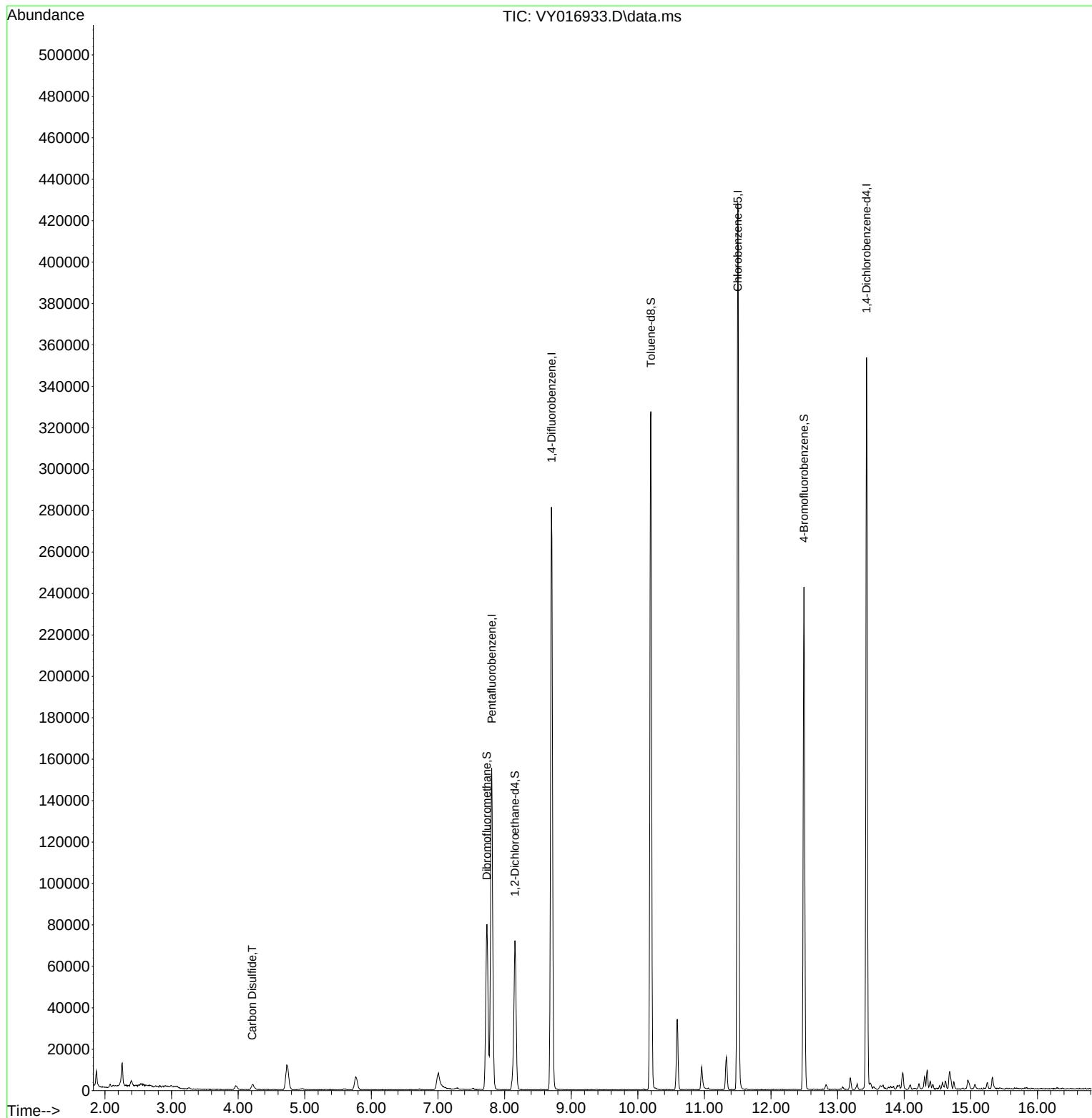
Internal Standards						
1) Pentafluorobenzene	7.807	168	115290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	244846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	233499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	87868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	51869	45.520	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.040%
35) Dibromofluoromethane	7.734	113	58135	37.260	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.520%
50) Toluene-d8	10.197	98	219836	40.917	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.840%
62) 4-Bromofluorobenzene	12.495	95	67940	37.480	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.960%
Target Compounds						
17) Carbon Disulfide	4.210	76	2708	1.032	ug/l	Qvalue 100

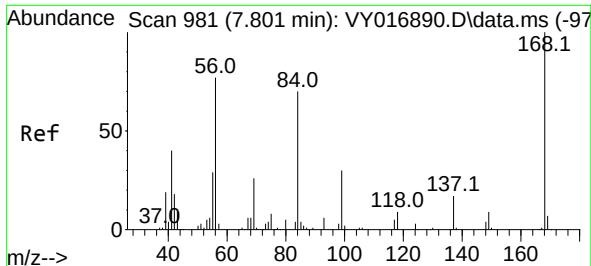
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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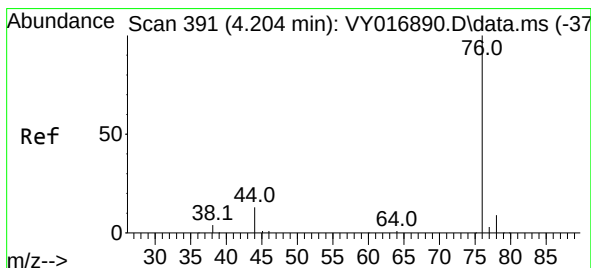
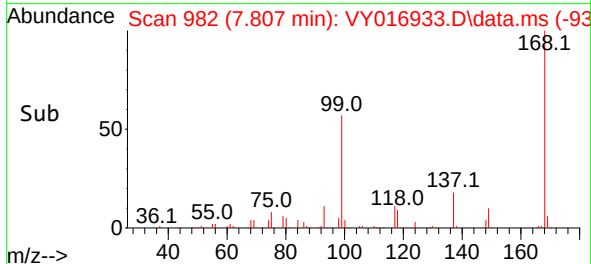
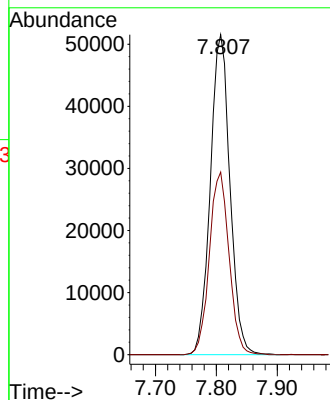
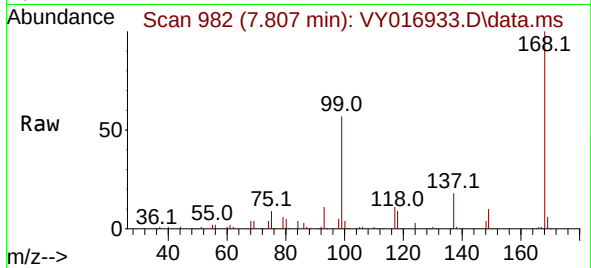




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

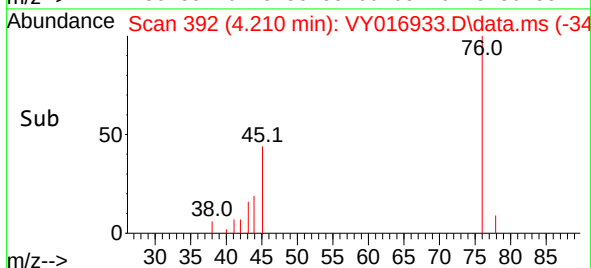
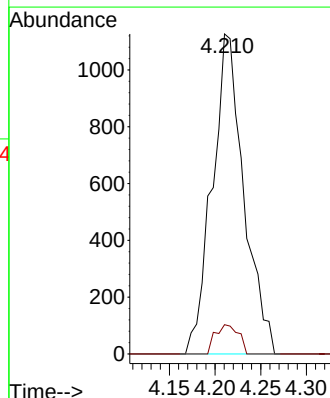
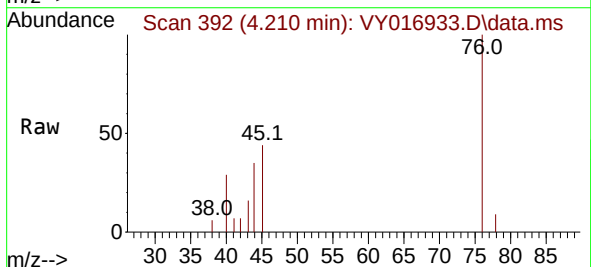
Instrument :
MSVOA_Y
ClientSampleId :
MR-311P-30-32

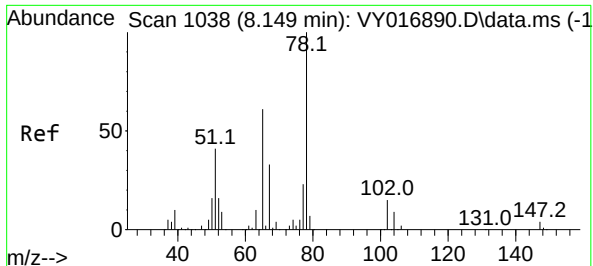
Tgt Ion:168 Resp: 115290
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#17
Carbon Disulfide
Concen: 1.032 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

Tgt Ion: 76 Resp: 2708
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0





#33

1,2-Dichloroethane-d4

Concen: 45.520 ug/l

RT: 8.155 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016933.D

Acq: 08 Jan 2024 13:42

Instrument :

MSVOA_Y

ClientSampleId :

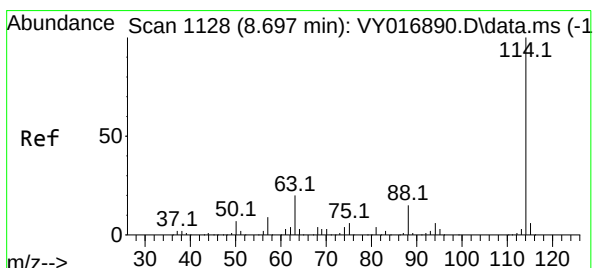
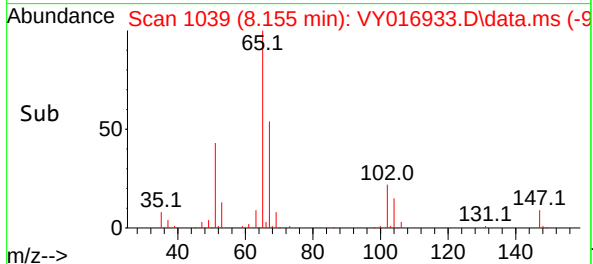
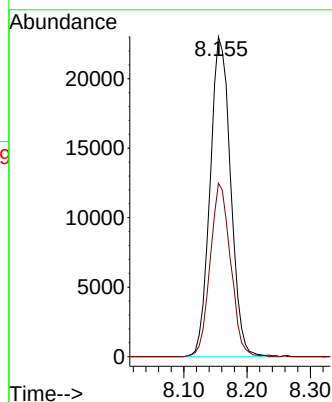
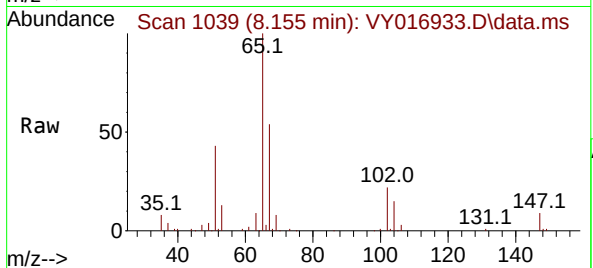
MR-311P-30-32

Tgt Ion: 65 Resp: 51869

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016933.D

Acq: 08 Jan 2024 13:42

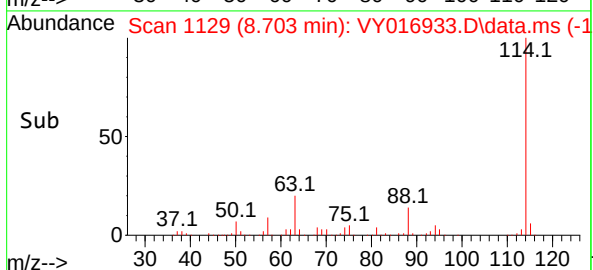
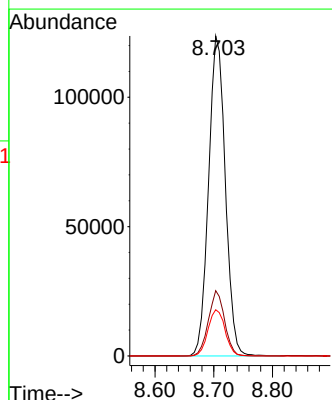
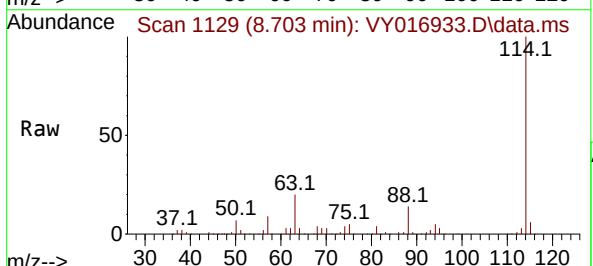
Tgt Ion: 114 Resp: 244846

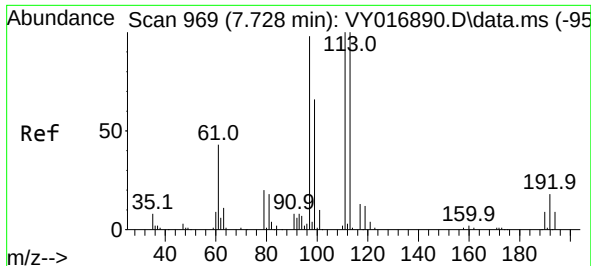
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

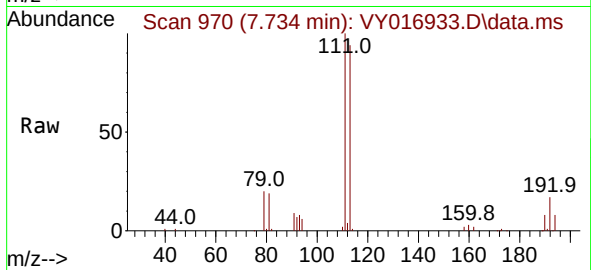
88 14.5 0.0 29.0



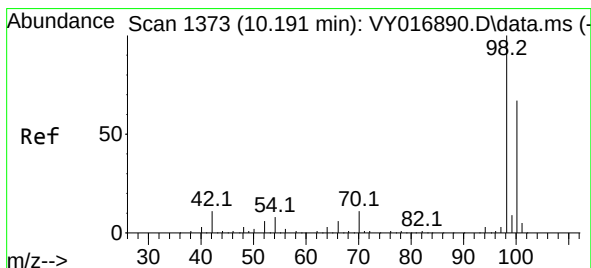
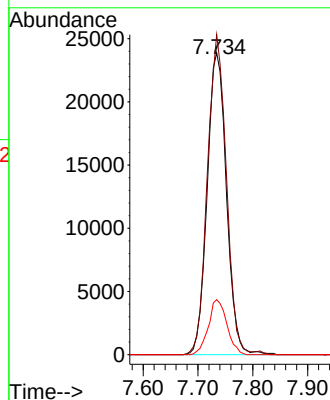
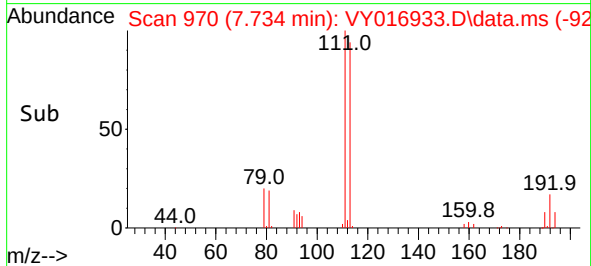


#35
Dibromofluoromethane
Concen: 37.260 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

Instrument :
MSVOA_Y
ClientSampleId :
MR-311P-30-32

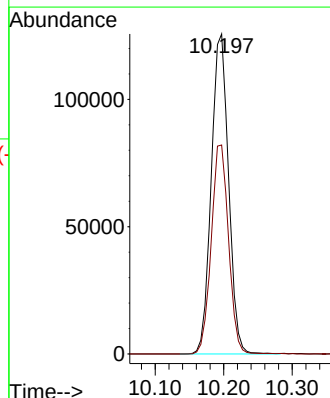
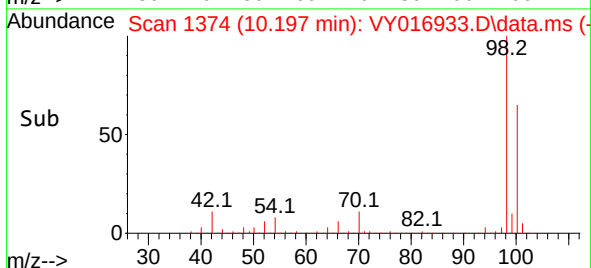
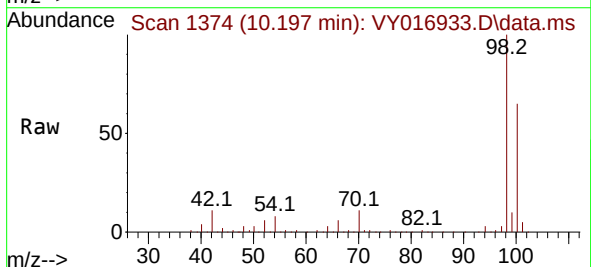


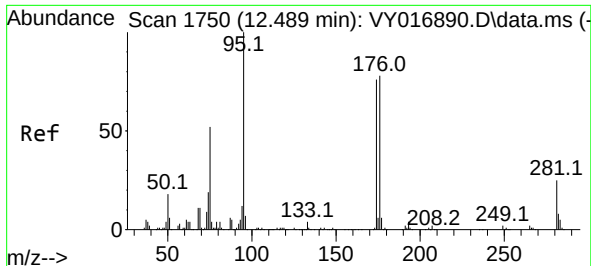
Tgt Ion:113 Resp: 58135
Ion Ratio Lower Upper
113 100
111 104.1 83.8 125.6
192 17.6 14.5 21.7



#50
Toluene-d8
Concen: 40.917 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

Tgt Ion: 98 Resp: 219836
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5

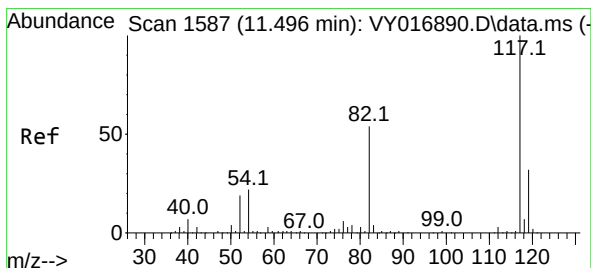
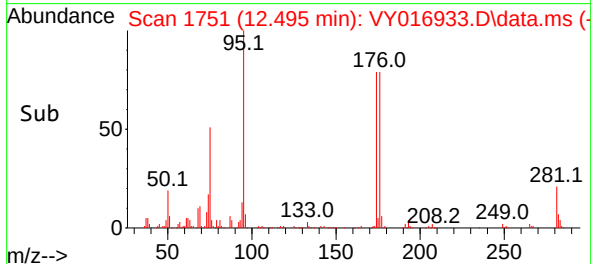
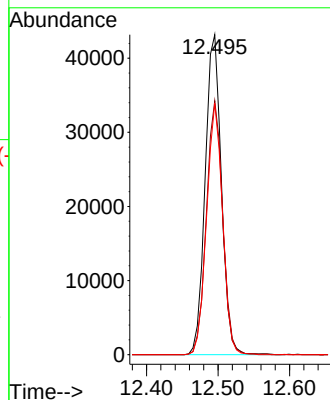
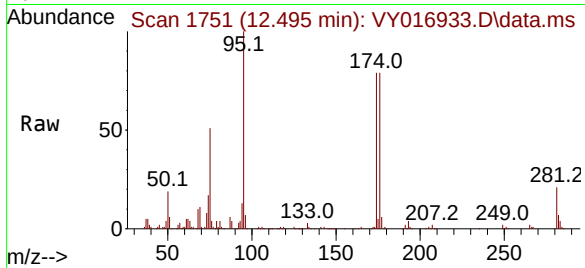




#62
4-Bromofluorobenzene
Concen: 37.480 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

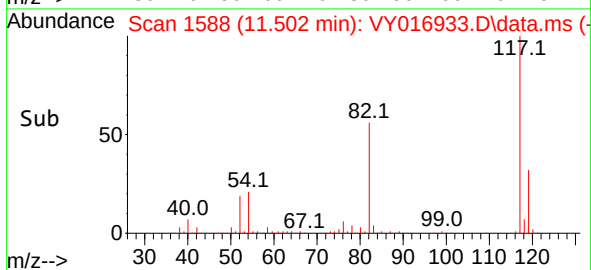
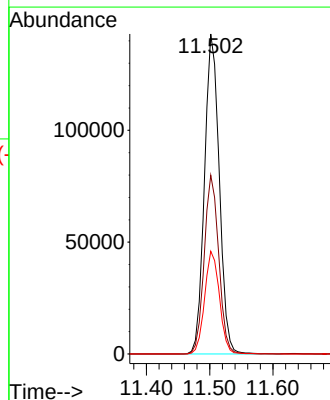
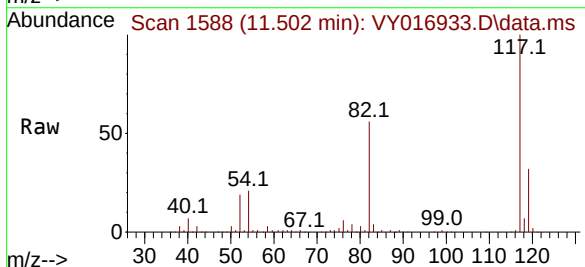
Instrument :
MSVOA_Y
ClientSampleId :
MR-311P-30-32

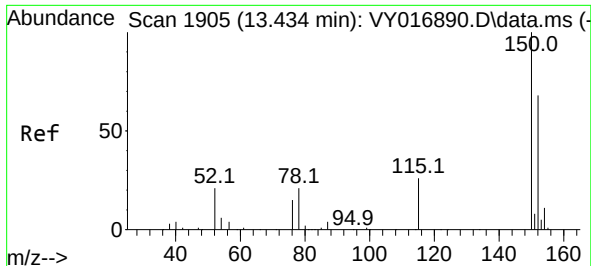
Tgt Ion: 95 Resp: 67940
Ion Ratio Lower Upper
95 100
174 80.1 0.0 160.0
176 77.2 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016933.D
Acq: 08 Jan 2024 13:42

Tgt Ion: 117 Resp: 233499
Ion Ratio Lower Upper
117 100
82 55.8 43.8 65.8
119 32.1 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016933.D

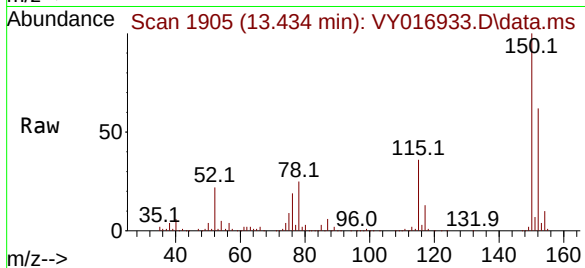
Acq: 08 Jan 2024 13:42

Instrument :

MSVOA_Y

ClientSampleId :

MR-311P-30-32



Tgt Ion:152 Resp: 87868

Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 156.8 0.0 344.6

