

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016406.D
 Acq On : 17 Nov 2023 12:12
 Operator : SY/MD
 Sample : VY1117SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBL01

Quant Time: Nov 18 05:44:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

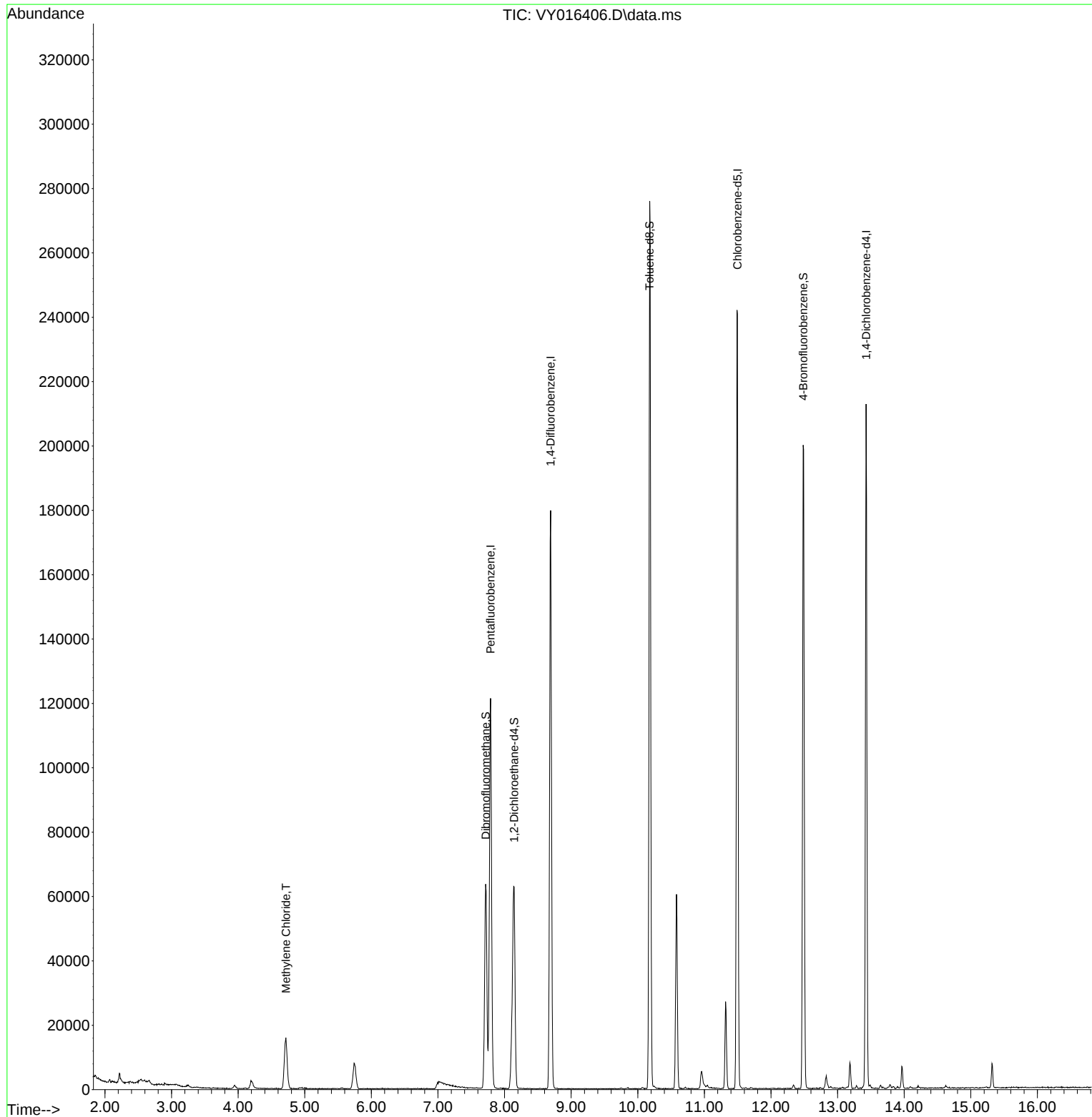
Internal Standards						
1) Pentafluorobenzene	7.789	168	94454	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	158080	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	144041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	45600	52.822	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.640%	
35) Dibromofluoromethane	7.716	113	45697	50.888	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.780%	
50) Toluene-d8	10.179	98	184920	50.781	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	12.483	95	54768	46.307	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.620%	
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	12296	9.360	ug/l #	86

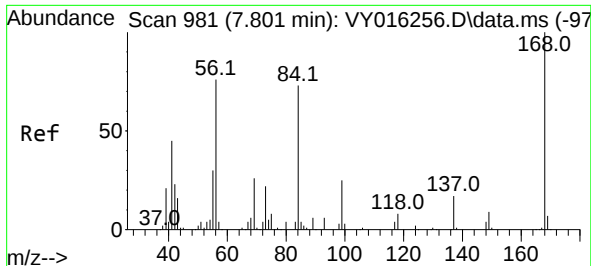
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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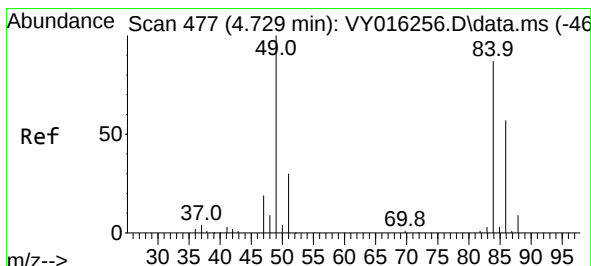
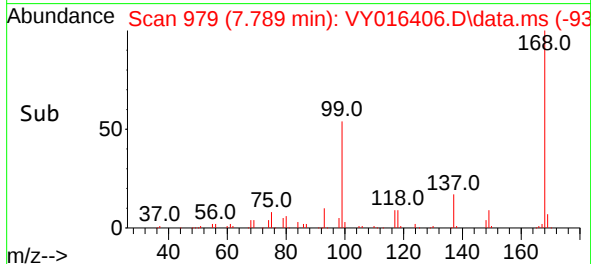
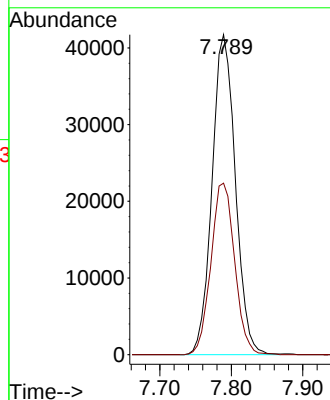
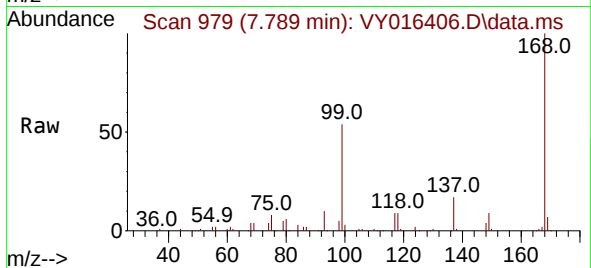




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016406.D
Acq: 17 Nov 2023 12:12

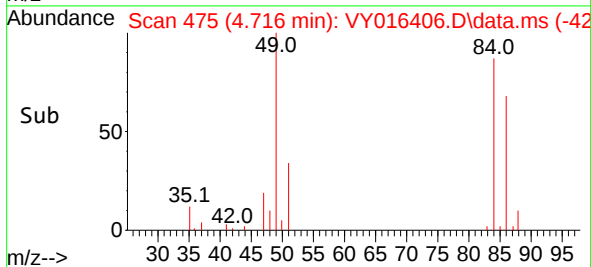
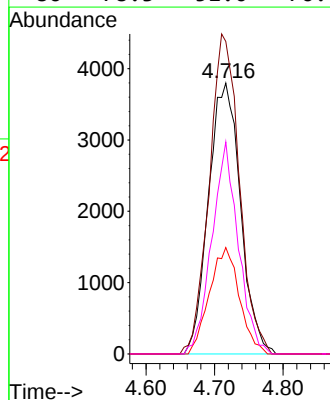
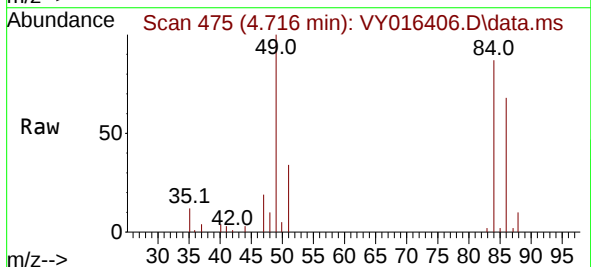
Instrument :
MSVOA_Y
ClientSampleId :
VY1117SBL01

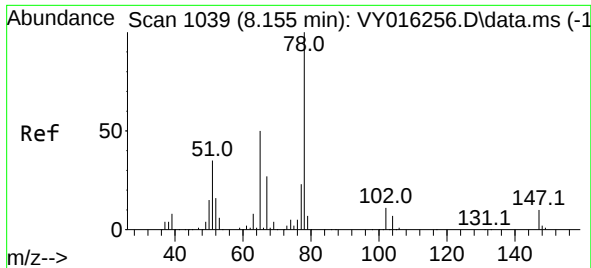
Tgt Ion:168 Resp: 94454
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#20
Methylene Chloride
Concen: 9.360 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016406.D
Acq: 17 Nov 2023 12:12

Tgt Ion: 84 Resp: 12296
Ion Ratio Lower Upper
84 100
49 115.3 106.9 160.3
51 39.3 33.2 49.8
86 78.3 51.0 76.6#

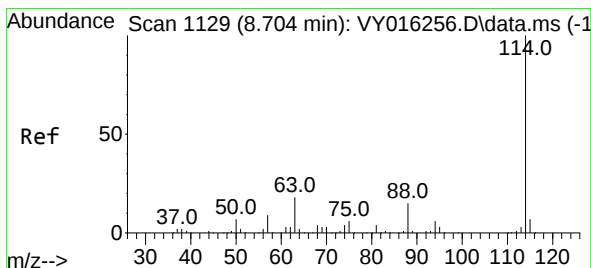
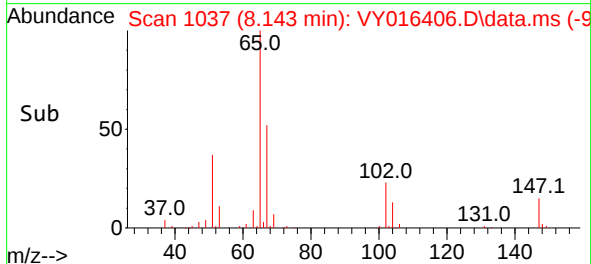
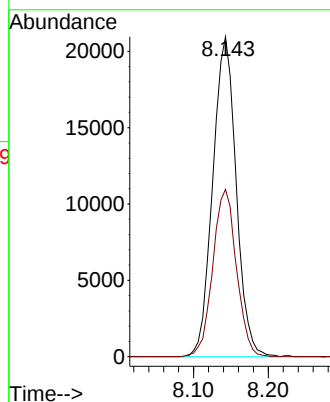
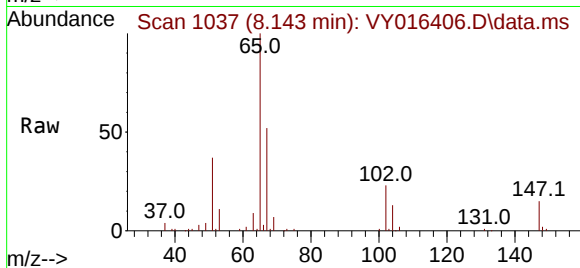




#33
 1,2-Dichloroethane-d4
 Concen: 52.822 ug/l
 RT: 8.143 min Scan# 1107
 Delta R.T. -0.012 min
 Lab File: VY016406.D
 Acq: 17 Nov 2023 12:12

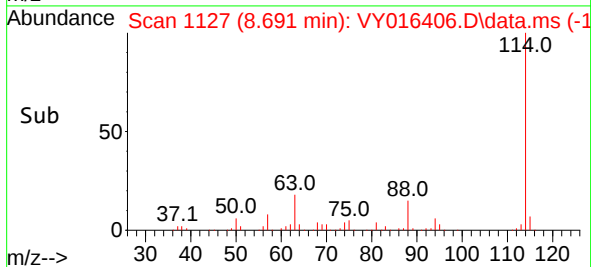
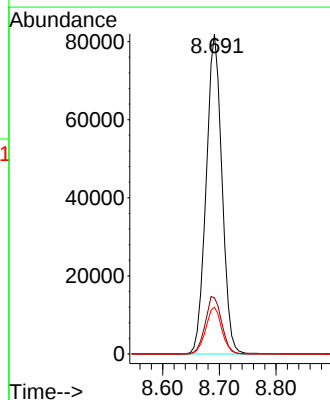
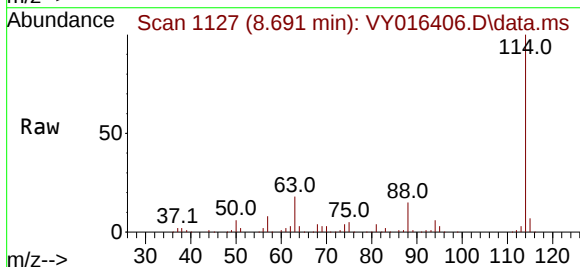
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBL01

Tgt Ion: 65 Resp: 45600
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.012 min
 Lab File: VY016406.D
 Acq: 17 Nov 2023 12:12

Tgt Ion: 114 Resp: 158080
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 42.4
 88 14.6 0.0 30.6

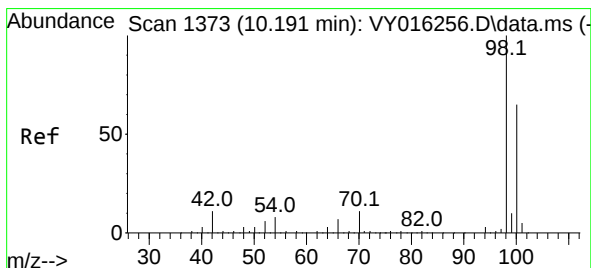
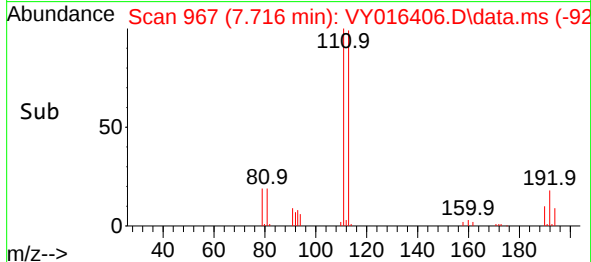
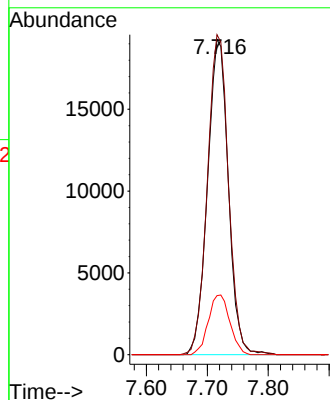
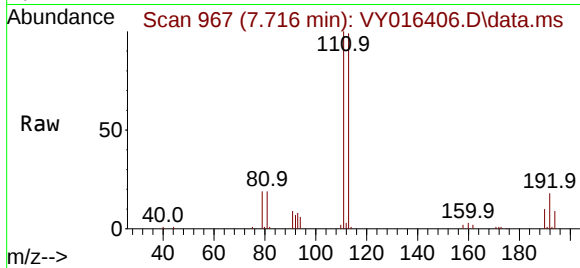




#35
 Dibromofluoromethane
 Concen: 50.888 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.018 min
 Lab File: VY016406.D
 Acq: 17 Nov 2023 12:12

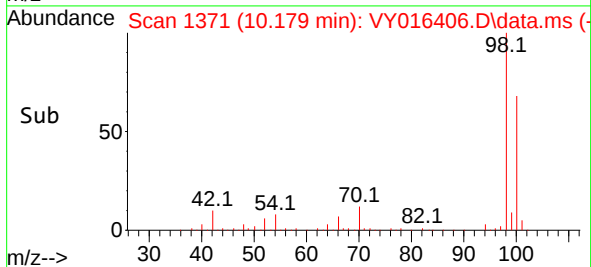
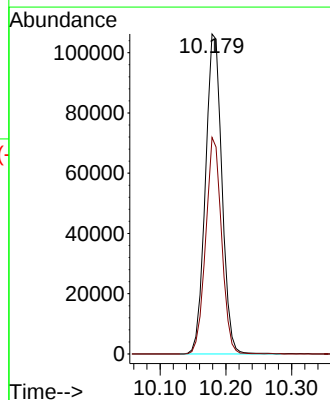
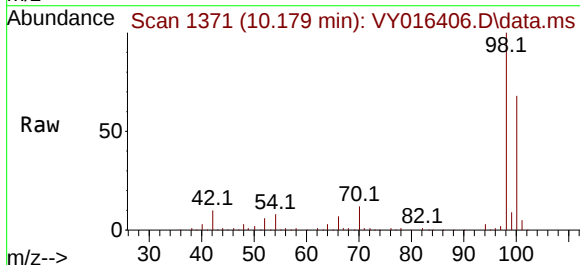
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBL01

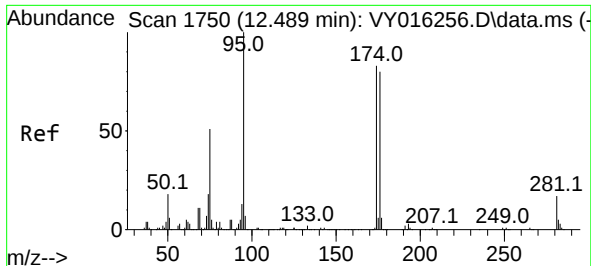
Tgt Ion:113 Resp: 45697
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.3 121.9
 192 19.6 16.9 25.3



#50
 Toluene-d8
 Concen: 50.781 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.012 min
 Lab File: VY016406.D
 Acq: 17 Nov 2023 12:12

Tgt Ion: 98 Resp: 184920
 Ion Ratio Lower Upper
 98 100
 100 65.2 50.1 75.1

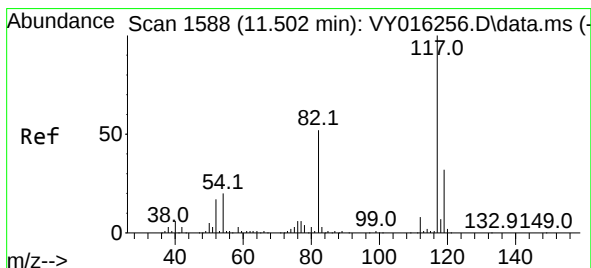
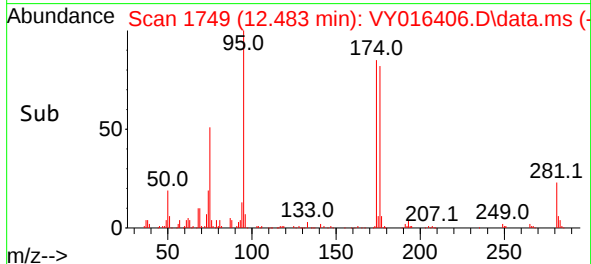
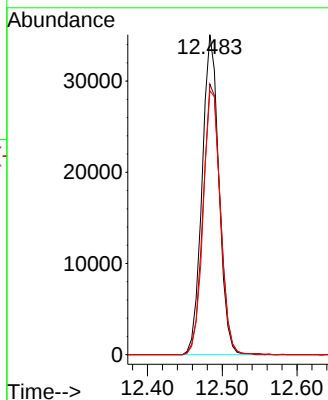
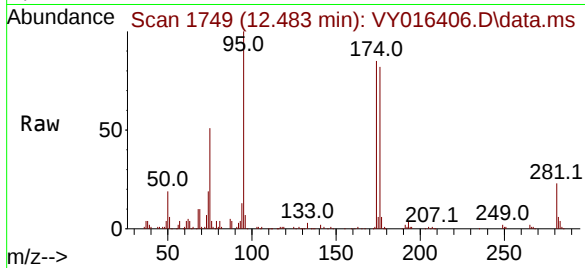




#62
4-Bromofluorobenzene
Concen: 46.307 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016406.D
Acq: 17 Nov 2023 12:12

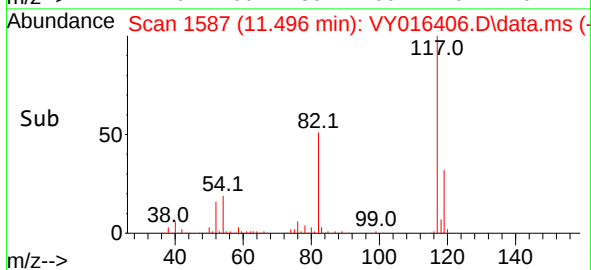
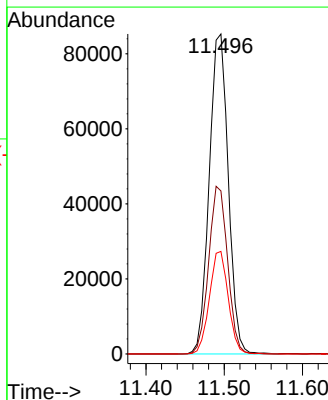
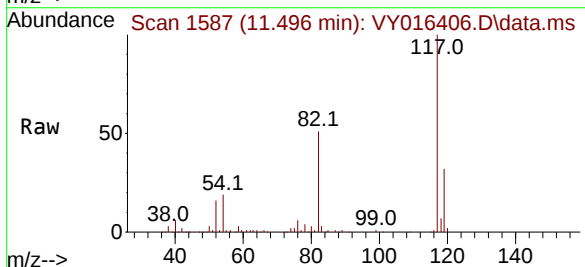
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VY1117SBL01

Tgt Ion: 95 Resp: 54768
Ion Ratio Lower Upper
95 100
174 86.9 0.0 178.2
176 84.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016406.D
Acq: 17 Nov 2023 12:12

Tgt Ion: 117 Resp: 144041
Ion Ratio Lower Upper
117 100
82 51.0 43.4 65.0
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016406.D

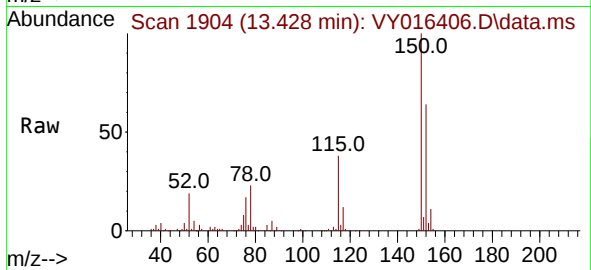
Acq: 17 Nov 2023 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1117SBL01



Tgt Ion:152 Resp: 55524

Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 157.5 0.0 348.8

