

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112123\
 Data File : VY016432.D
 Acq On : 21 Nov 2023 12:43
 Operator : SY/MD
 Sample : VY1121SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1121SBL01

Quant Time: Nov 22 01:11:32 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)

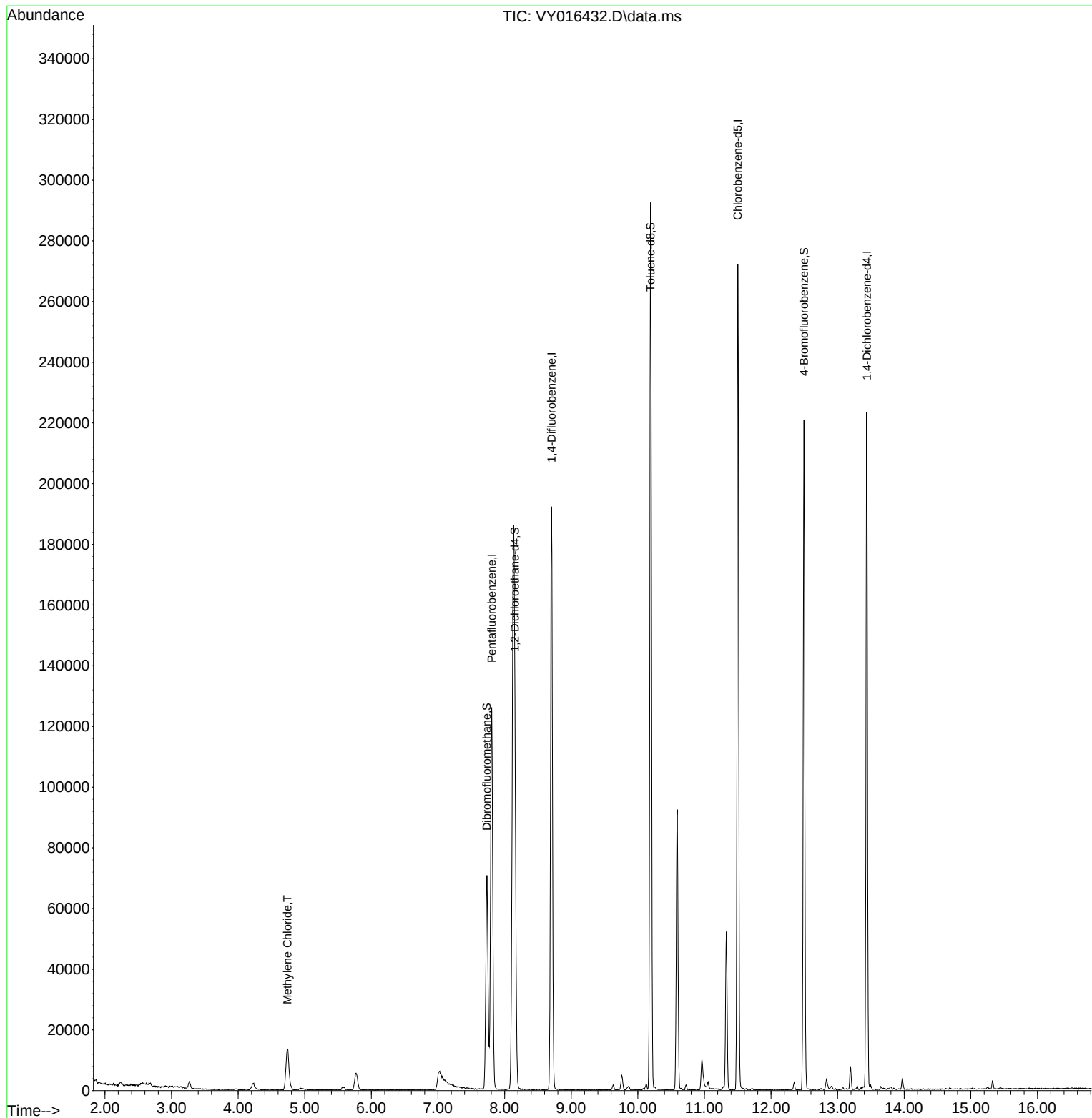
Internal Standards						
1) Pentafluorobenzene	7.807	168	100146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	172732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	153785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	59872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	48715	53.223	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	106.440%	
35) Dibromofluoromethane	7.734	113	50617	51.585	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	103.180%	
50) Toluene-d8	10.191	98	198251	49.823	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	99.640%	
62) 4-Bromofluorobenzene	12.495	95	60038	46.457	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	92.920%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.741	84	11417	7.732	ug/l #	83

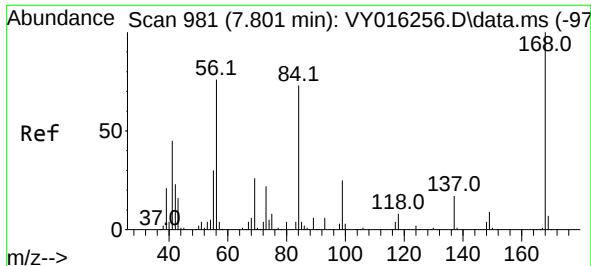
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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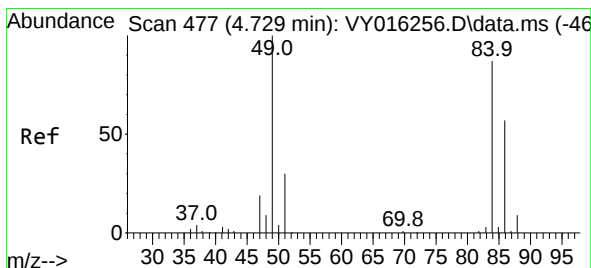
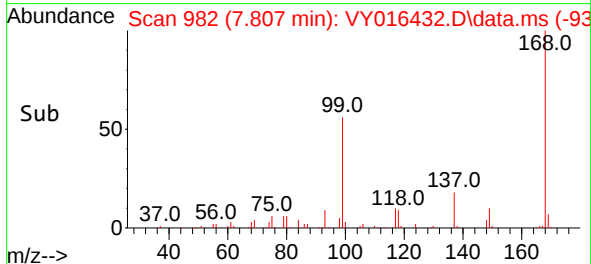
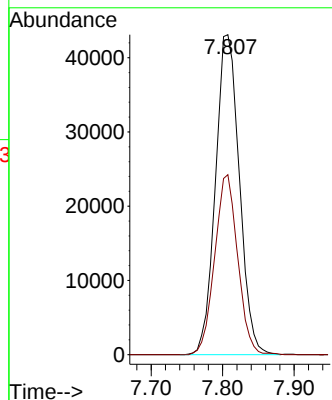
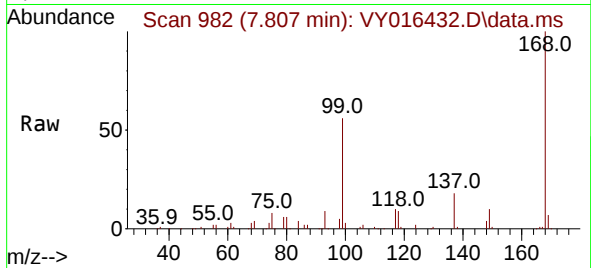




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016432.D
Acq: 21 Nov 2023 12:43

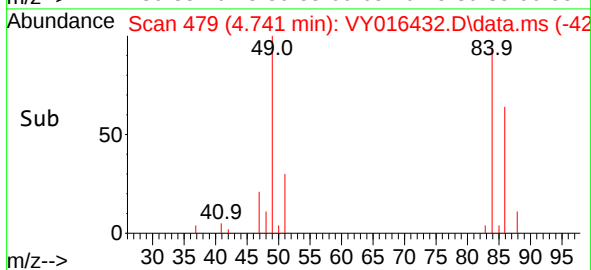
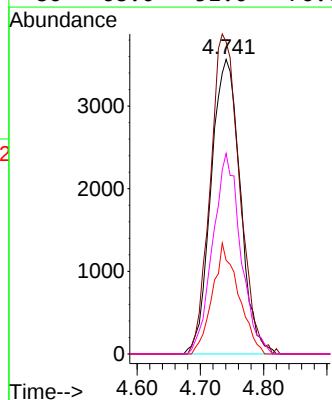
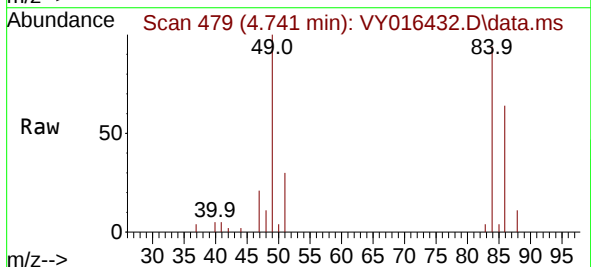
Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBL01

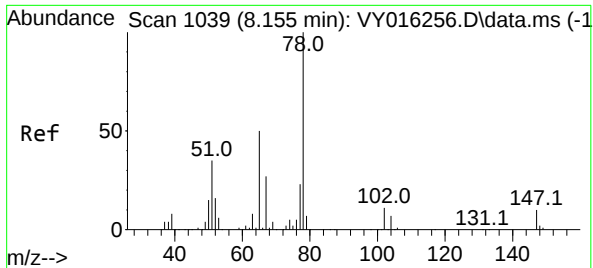
Tgt Ion:168 Resp: 100146
Ion Ratio Lower Upper
168 100
99 56.3 43.4 65.0



#20
Methylene Chloride
Concen: 7.732 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016432.D
Acq: 21 Nov 2023 12:43

Tgt Ion: 84 Resp: 11417
Ion Ratio Lower Upper
84 100
49 105.9 106.9 160.3#
51 31.8 33.2 49.8#
86 68.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 53.223 ug/l

RT: 8.155 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016432.D

Acq: 21 Nov 2023 12:43

Instrument :

MSVOA_Y

ClientSampleId :

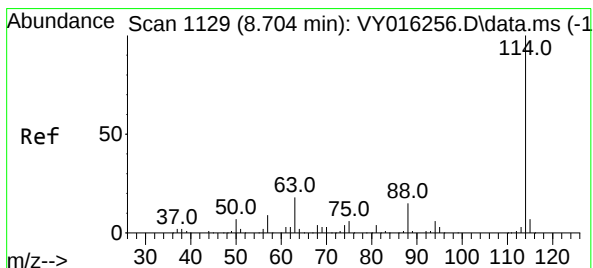
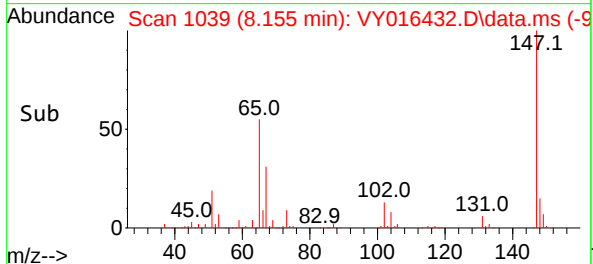
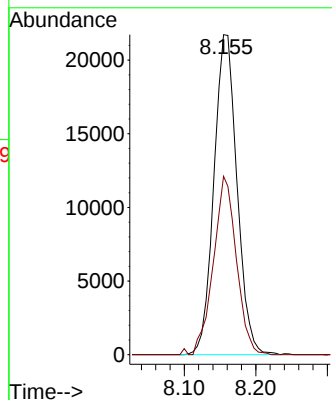
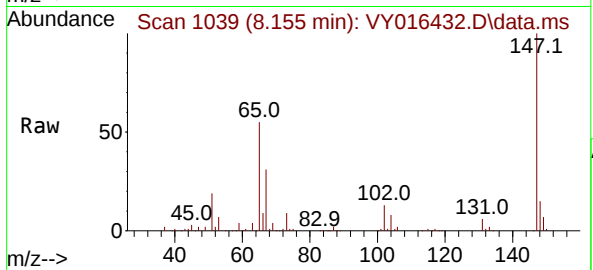
VY1121SBL01

Tgt Ion: 65 Resp: 48715

Ion Ratio Lower Upper

65 100

67 55.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016432.D

Acq: 21 Nov 2023 12:43

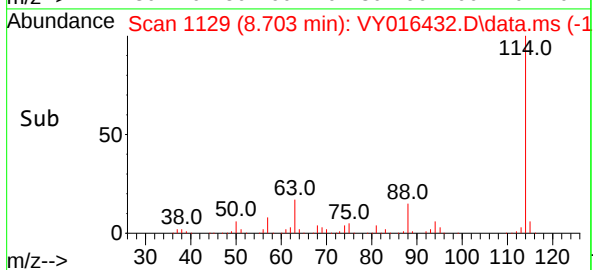
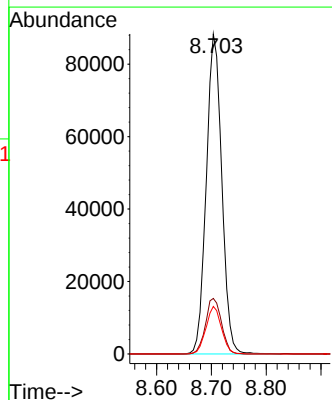
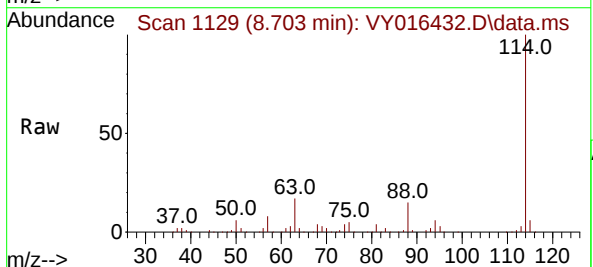
Tgt Ion: 114 Resp: 172732

Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

88 14.9 0.0 30.6

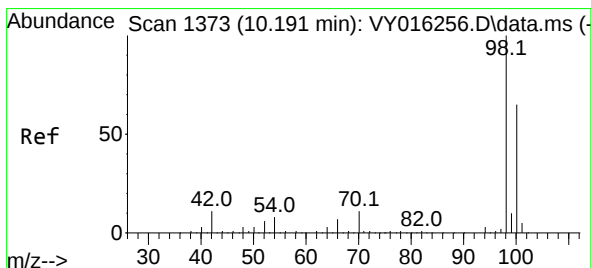
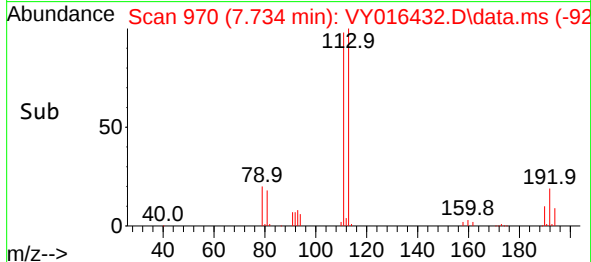
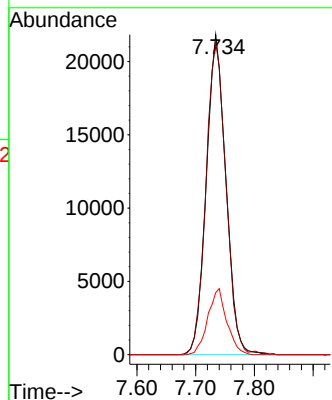
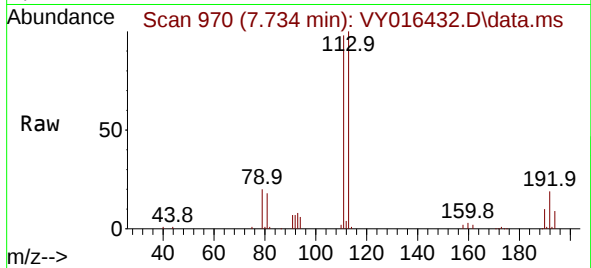




#35
Dibromofluoromethane
Concen: 51.585 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016432.D
Acq: 21 Nov 2023 12:43

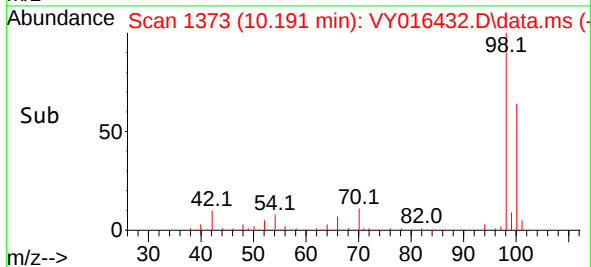
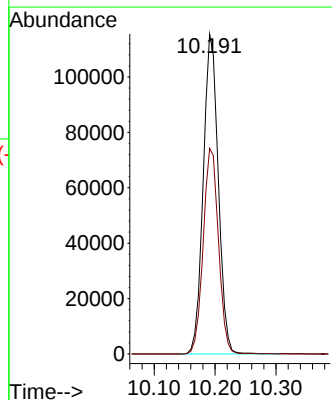
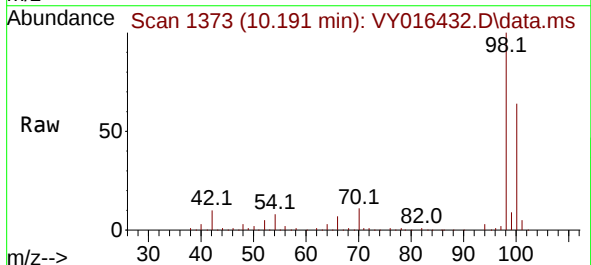
Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBL01

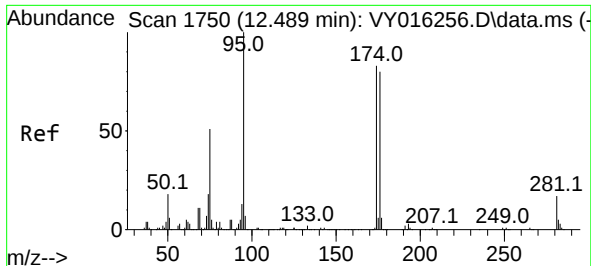
Tgt Ion:113 Resp: 50617
Ion Ratio Lower Upper
113 100
111 99.7 81.3 121.9
192 20.0 16.9 25.3



#50
Toluene-d8
Concen: 49.823 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016432.D
Acq: 21 Nov 2023 12:43

Tgt Ion: 98 Resp: 198251
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

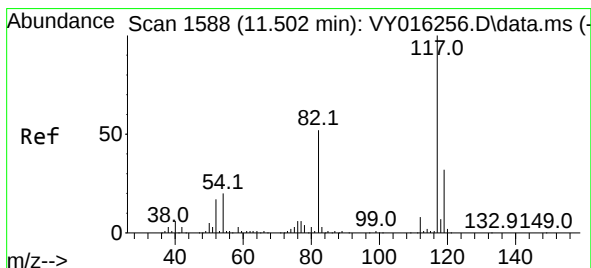
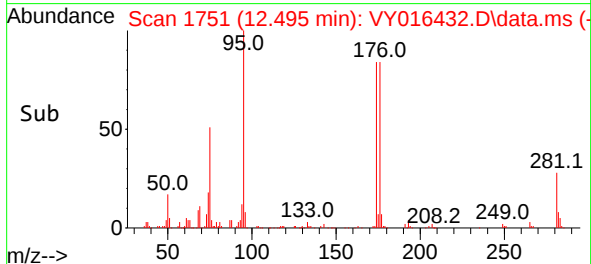
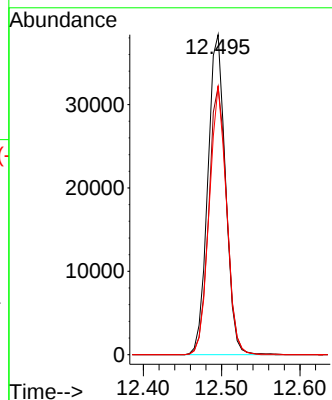
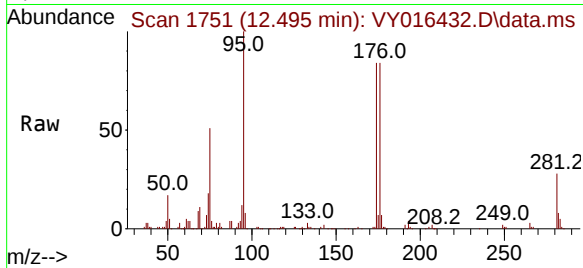




#62
4-Bromofluorobenzene
Concen: 46.457 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016432.D
Acq: 21 Nov 2023 12:43

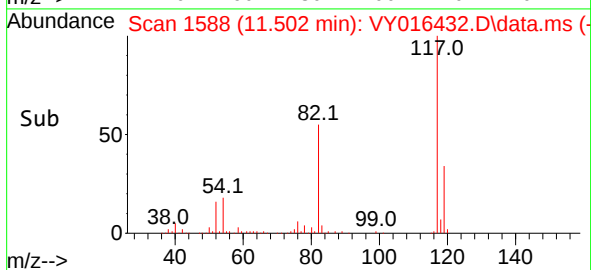
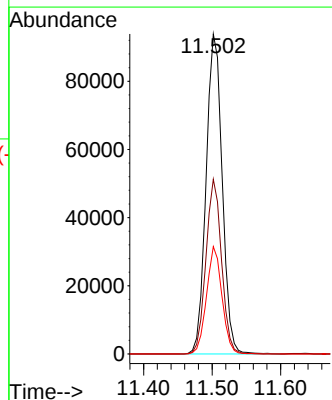
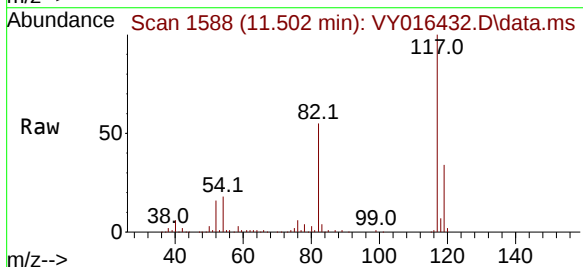
Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBL01

Tgt Ion: 95 Resp: 60038
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 82.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016432.D
Acq: 21 Nov 2023 12:43

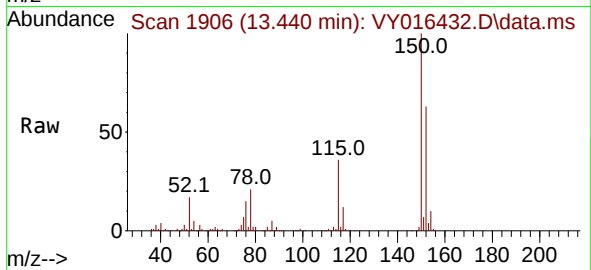
Tgt Ion: 117 Resp: 153785
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 33.5 26.3 39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016432.D
Acq: 21 Nov 2023 12:43

Instrument :
MSVOA_Y
ClientSampleId :
VY1121SBL01



Tgt Ion:	152	Resp:	59872
Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.8	86.5
150	159.5	0.0	348.8

