

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112223\
 Data File : VY016450.D
 Acq On : 22 Nov 2023 09:37
 Operator : SY/MD
 Sample : VY1122SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBL01

Quant Time: Nov 23 04:02:17 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)

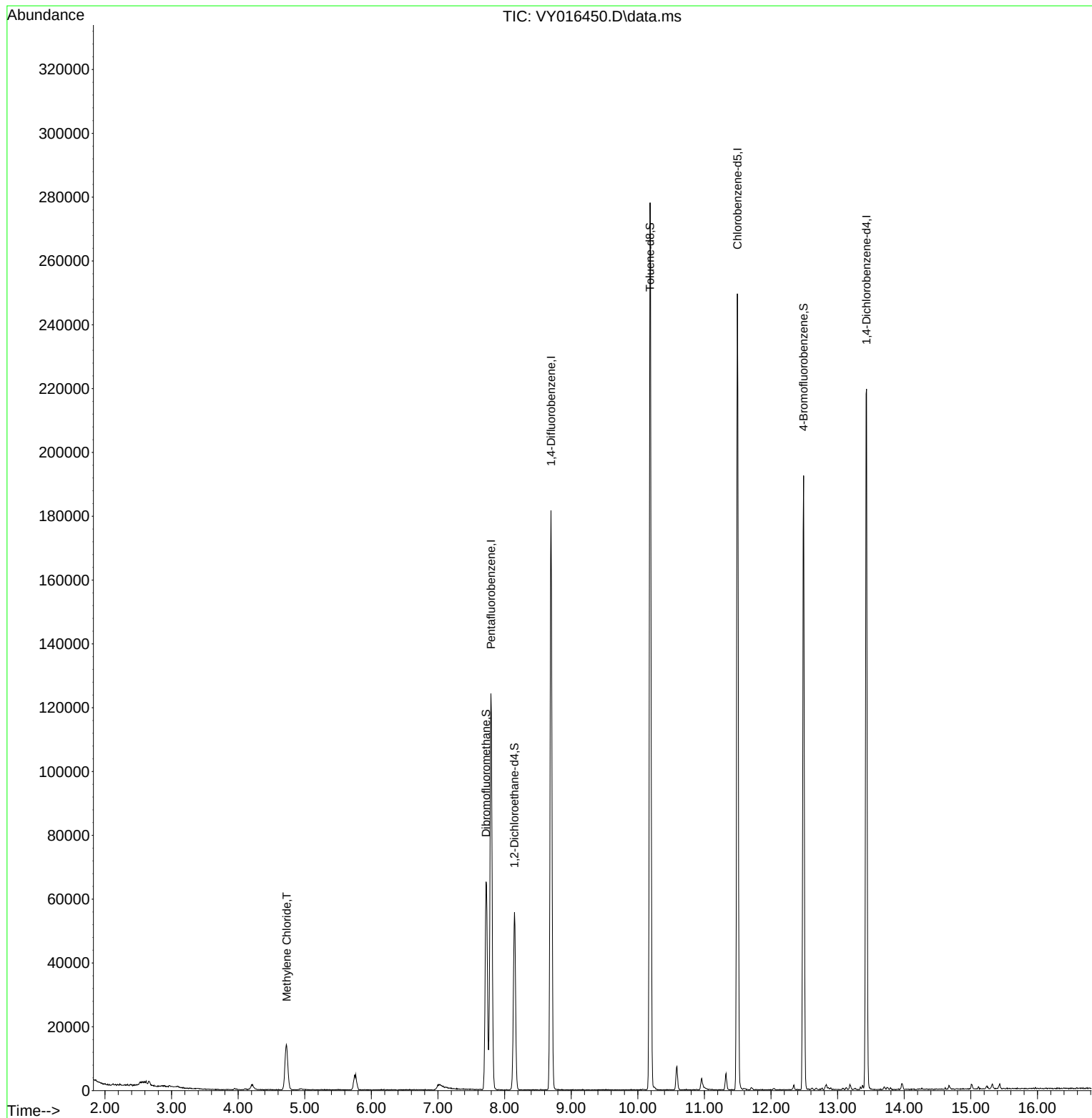
Internal Standards						
1) Pentafluorobenzene	7.795	168	100067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	162560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	147235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	62081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	44560	48.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.440%
35) Dibromofluoromethane	7.722	113	47866	51.834	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.660%
50) Toluene-d8	10.185	98	190821	50.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.920%
62) 4-Bromofluorobenzene	12.489	95	58153	47.814	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.620%
Target Compounds						
20) Methylene Chloride	4.729	84	12032	8.360	ug/l	Qvalue # 76

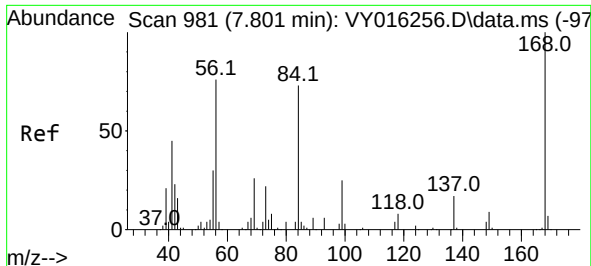
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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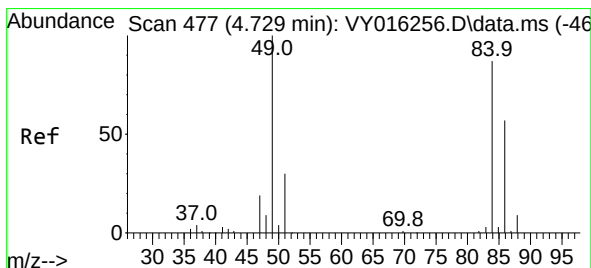
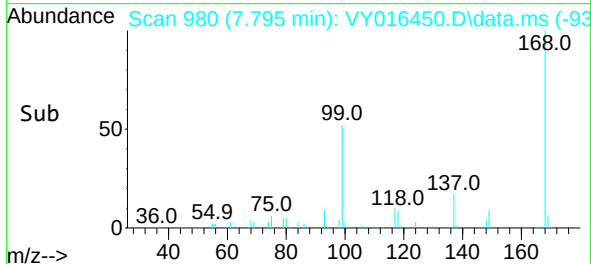
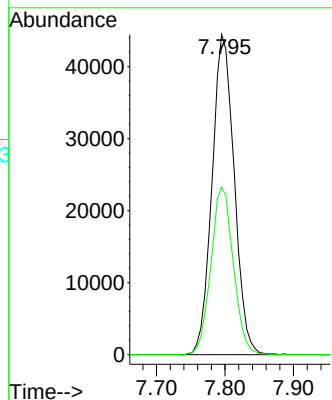
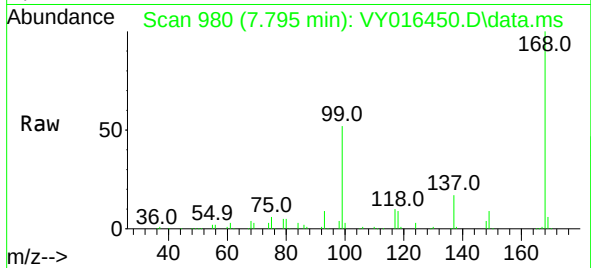




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016450.D
Acq: 22 Nov 2023 09:37

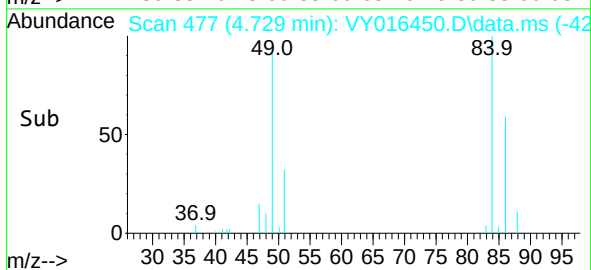
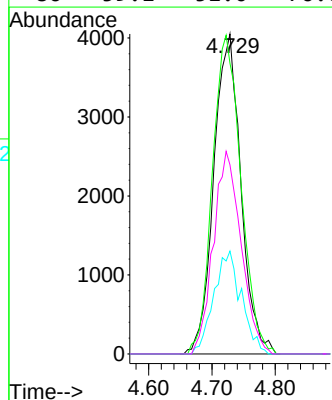
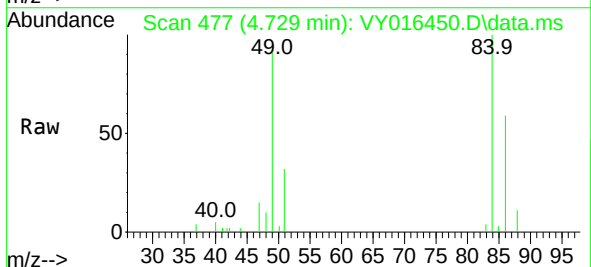
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBL01

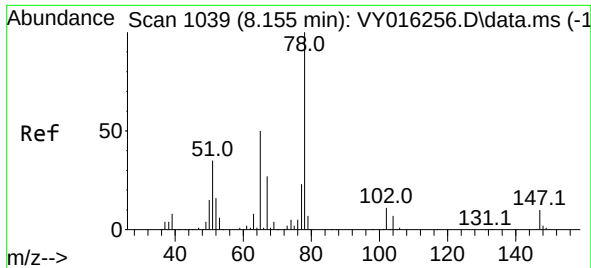
Tgt Ion:168 Resp: 100067
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#20
Methylene Chloride
Concen: 8.360 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016450.D
Acq: 22 Nov 2023 09:37

Tgt Ion: 84 Resp: 12032
Ion Ratio Lower Upper
84 100
49 90.9 106.9 160.3#
51 32.1 33.2 49.8#
86 59.1 51.0 76.6

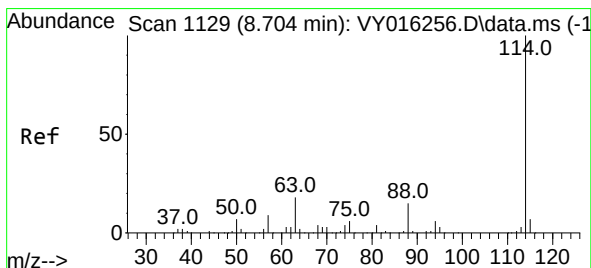
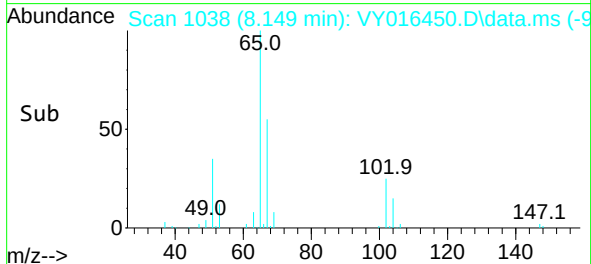
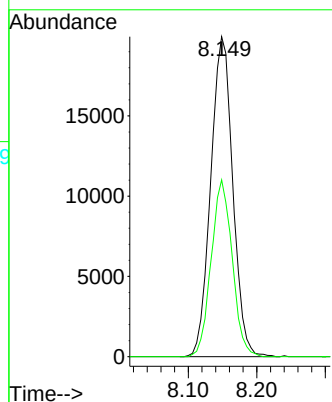
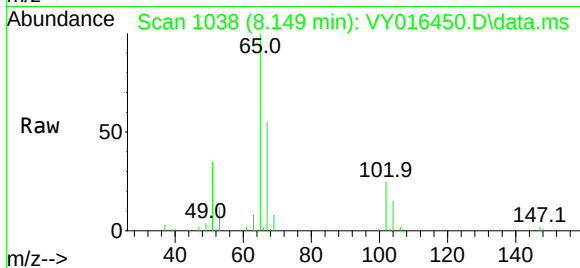




#33
1,2-Dichloroethane-d4
Concen: 48.722 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016450.D
Acq: 22 Nov 2023 09:37

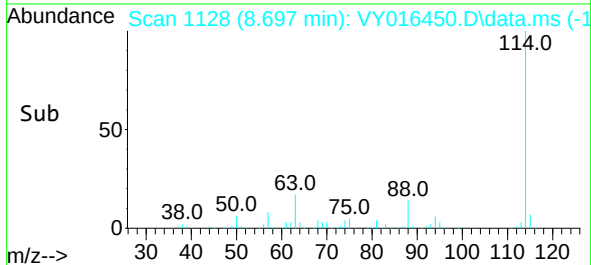
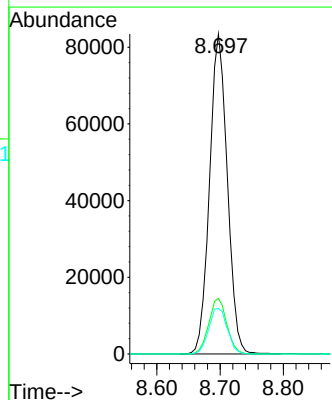
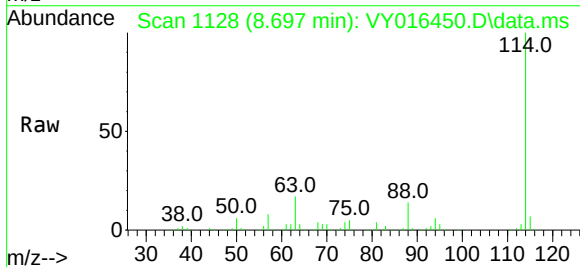
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBL01

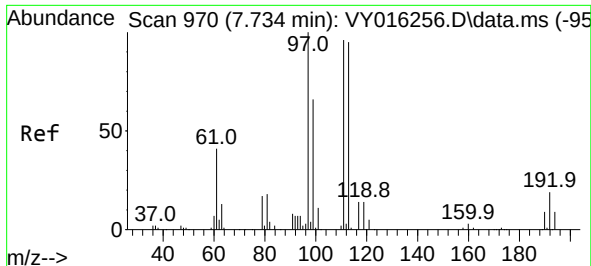
Tgt Ion: 65 Resp: 44560
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY016450.D
Acq: 22 Nov 2023 09:37

Tgt Ion: 114 Resp: 162560
Ion Ratio Lower Upper
114 100
63 17.3 0.0 42.4
88 14.2 0.0 30.6

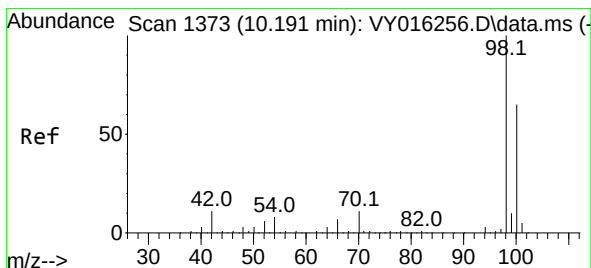
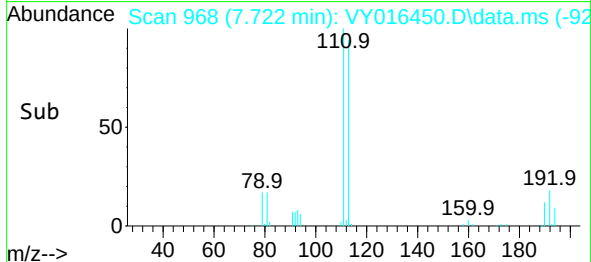
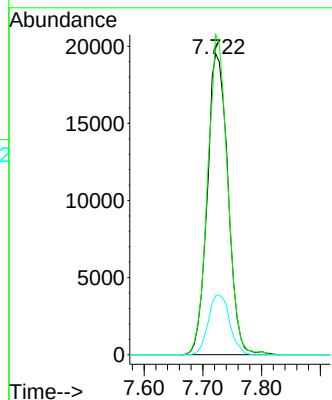
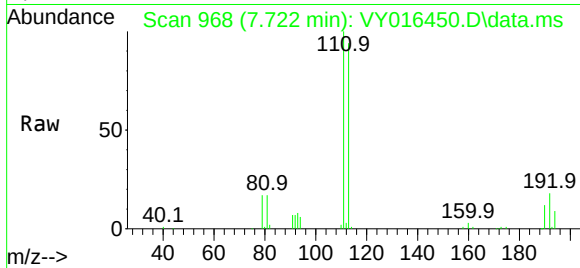




#35
 Dibromofluoromethane
 Concen: 51.834 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VY016450.D
 Acq: 22 Nov 2023 09:37

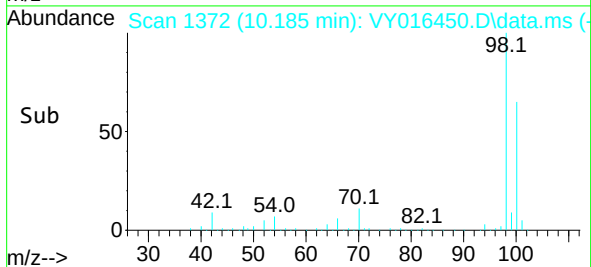
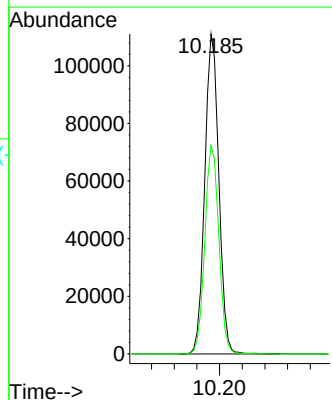
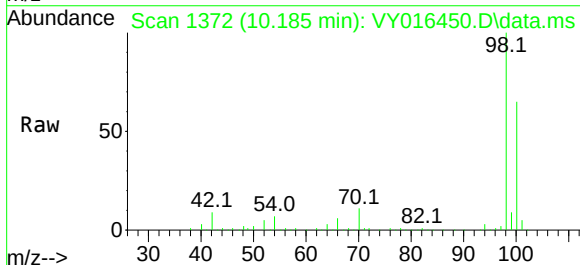
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBL01

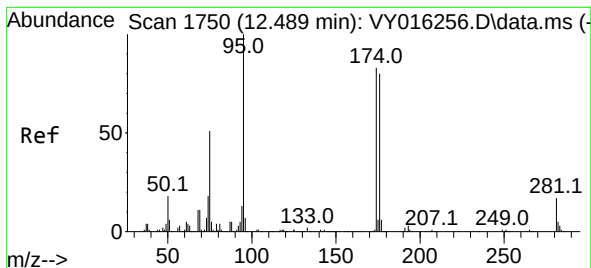
Tgt Ion:113 Resp: 47866
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.3 121.9
 192 20.5 16.9 25.3



#50
 Toluene-d8
 Concen: 50.957 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. -0.006 min
 Lab File: VY016450.D
 Acq: 22 Nov 2023 09:37

Tgt Ion: 98 Resp: 190821
 Ion Ratio Lower Upper
 98 100
 100 65.3 50.1 75.1

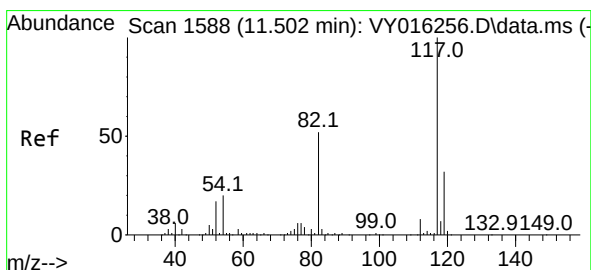
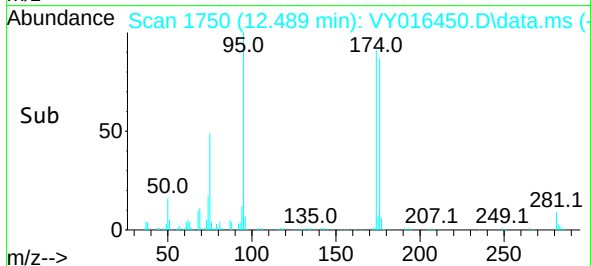
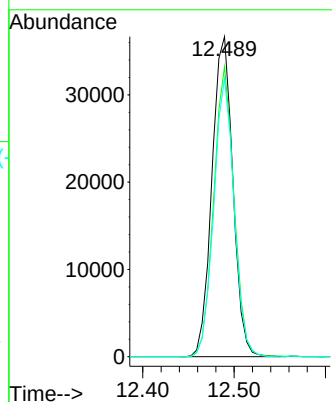
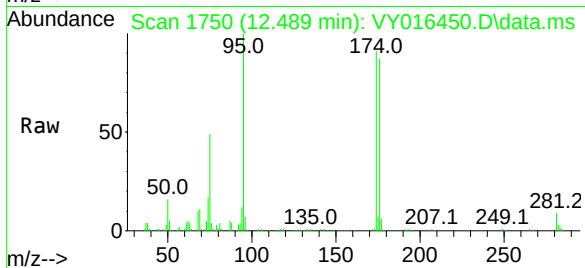




#62
4-Bromofluorobenzene
Concen: 47.814 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016450.D
Acq: 22 Nov 2023 09:37

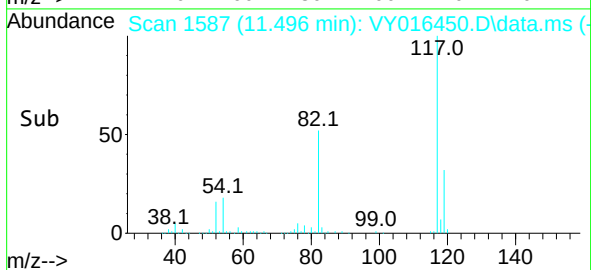
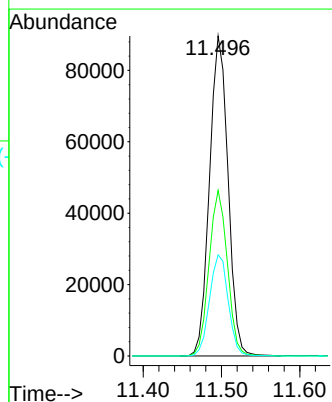
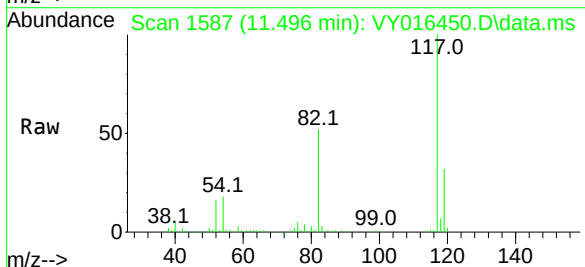
Instrument :
MSVOA_Y
ClientSampleId :
VY1122SBL01

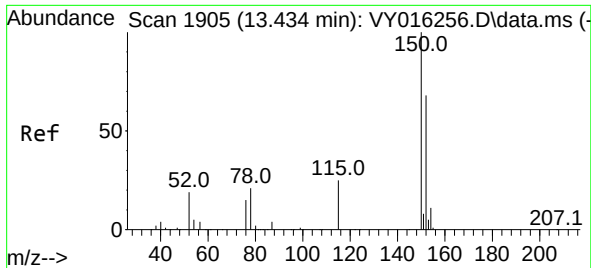
Tgt Ion: 95 Resp: 58153
Ion Ratio Lower Upper
95 100
174 88.1 0.0 178.2
176 84.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016450.D
Acq: 22 Nov 2023 09:37

Tgt Ion: 117 Resp: 147235
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.0
119 31.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016450.D

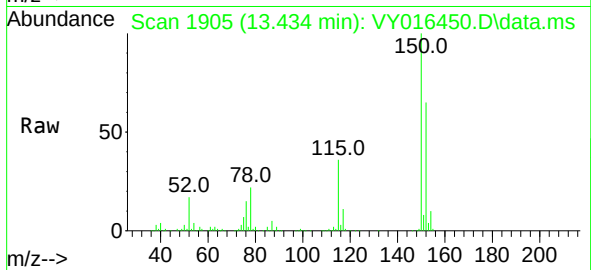
Acq: 22 Nov 2023 09:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1122SBL01



Tgt Ion:152 Resp: 62081

Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 157.9 0.0 348.8

