

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016854.D
 Acq On : 26 Dec 2023 15:42
 Operator : SY/MD
 Sample : 06015-07
 Misc : 4.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-323-6-8

Quant Time: Dec 27 01:35:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

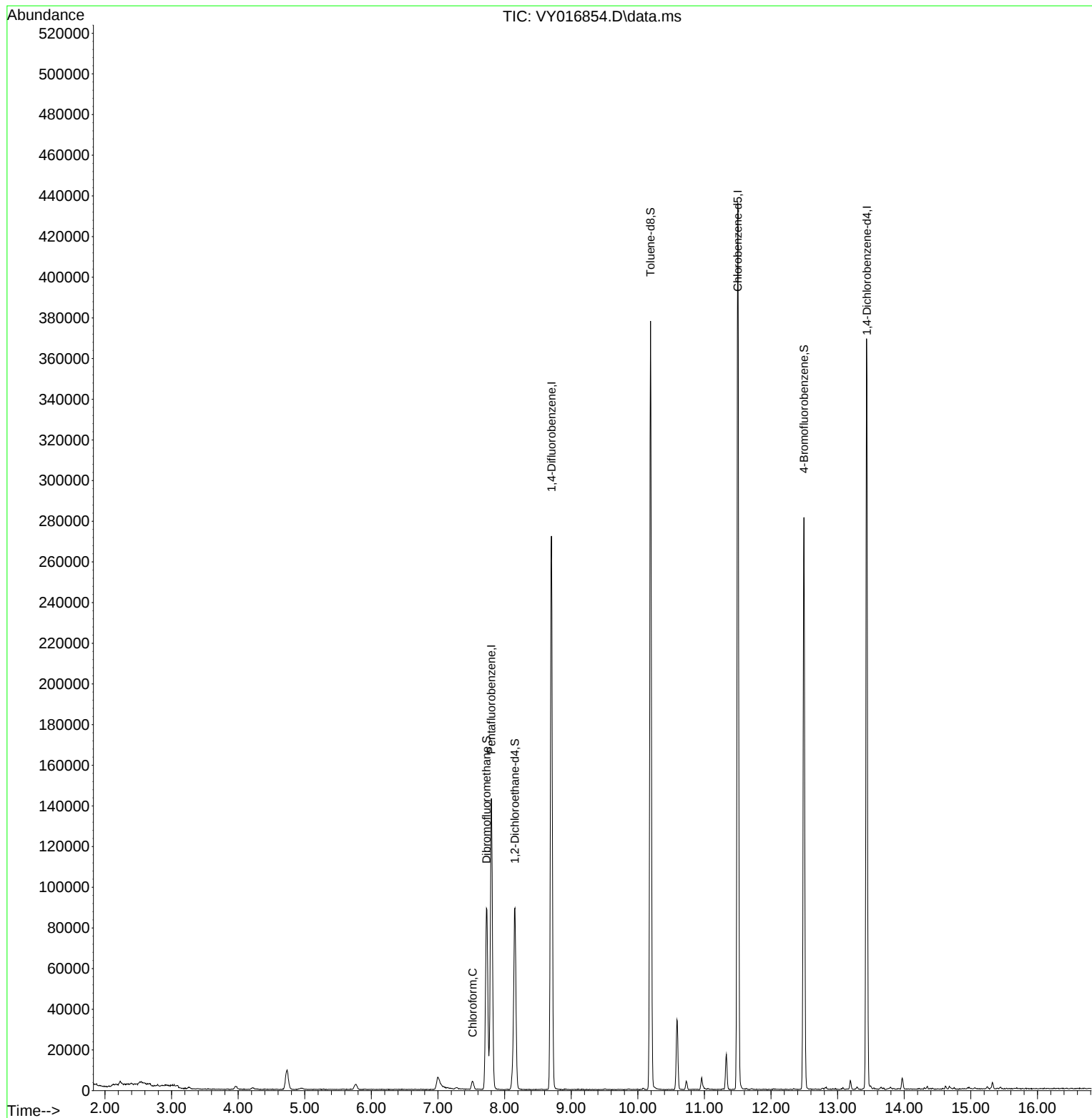
Internal Standards						
1) Pentafluorobenzene	7.801	168	105867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	232171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	231917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	91171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	66277	68.578	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.160%	
35) Dibromofluoromethane	7.728	113	66645	50.112	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.220%	
50) Toluene-d8	10.191	98	241422	50.356	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.720%	
62) 4-Bromofluorobenzene	12.495	95	80631	51.839	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.680%	
Target Compounds						
					Qvalue	
30) Chloroform	7.521	83	3969	1.864	ug/l	99

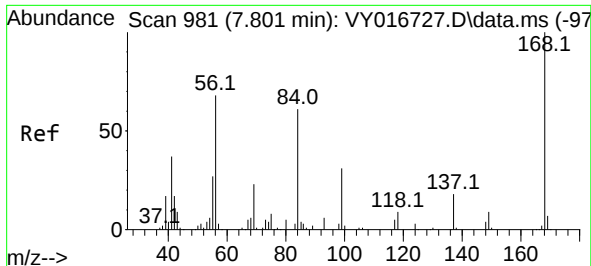
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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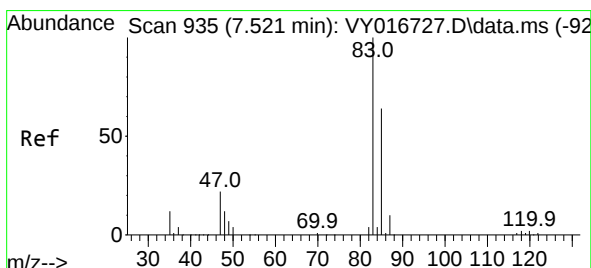
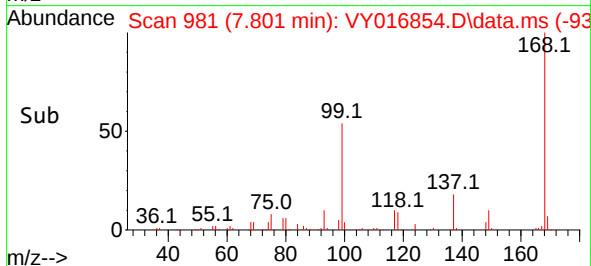
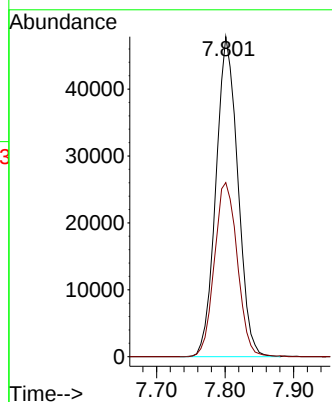
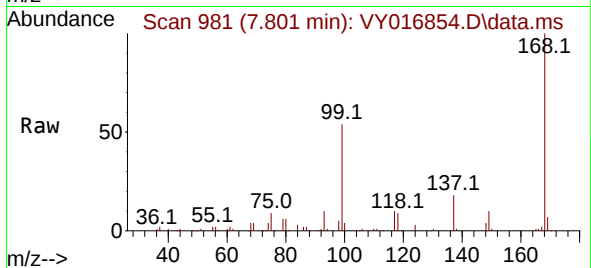




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016854.D
Acq: 26 Dec 2023 15:42

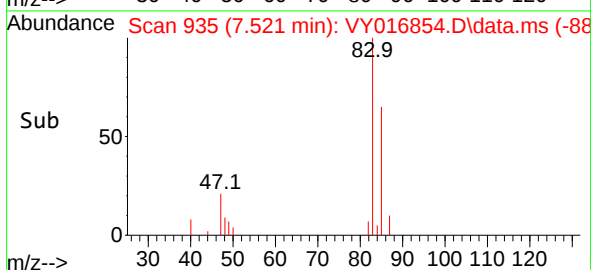
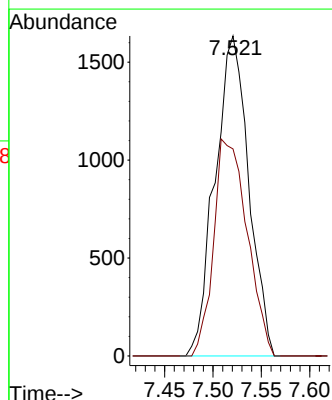
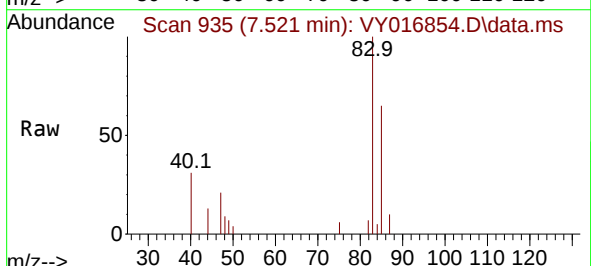
Instrument :
MSVOA_Y
ClientSampleId :
MR-323-6-8

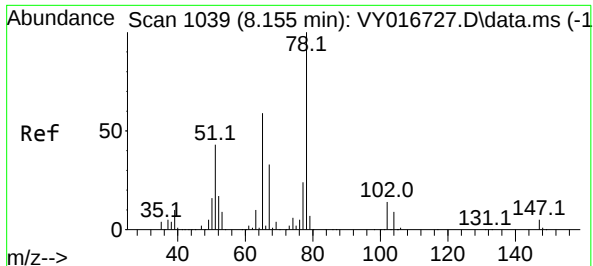
Tgt Ion:168 Resp: 105867
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4



#30
Chloroform
Concen: 1.864 ug/l
RT: 7.521 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY016854.D
Acq: 26 Dec 2023 15:42

Tgt Ion: 83 Resp: 3969
Ion Ratio Lower Upper
83 100
85 64.7 51.2 76.8





#33

1,2-Dichloroethane-d4

Concen: 68.578 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY016854.D

Acq: 26 Dec 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

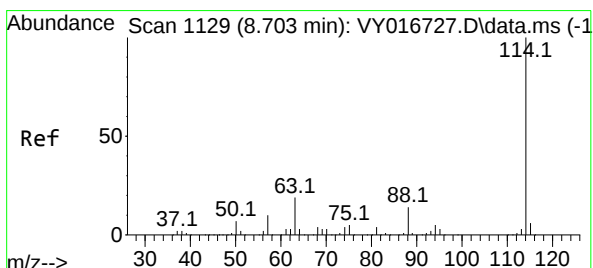
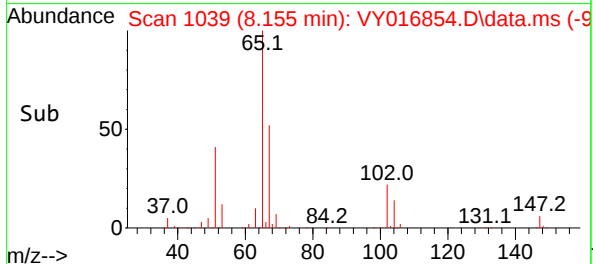
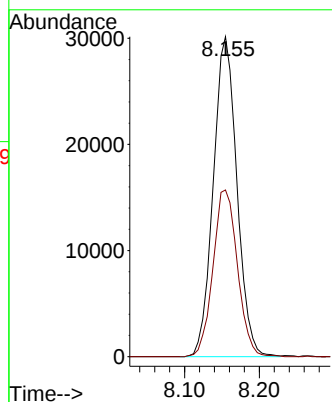
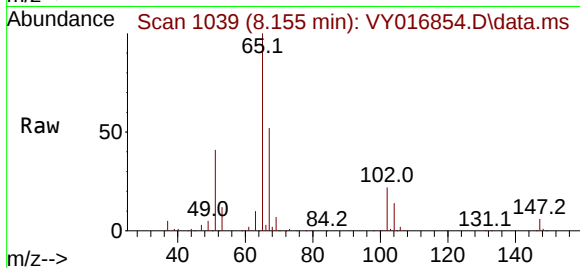
MR-323-6-8

Tgt Ion: 65 Resp: 66277

Ion Ratio Lower Upper

65 100

67 54.0 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: VY016854.D

Acq: 26 Dec 2023 15:42

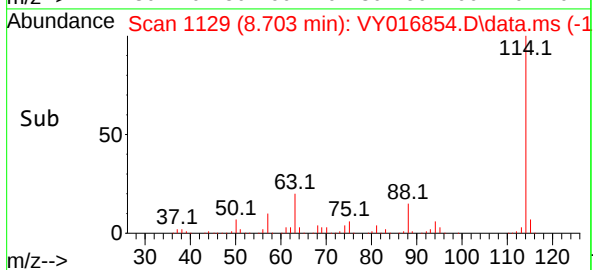
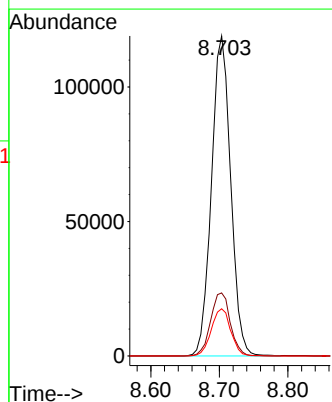
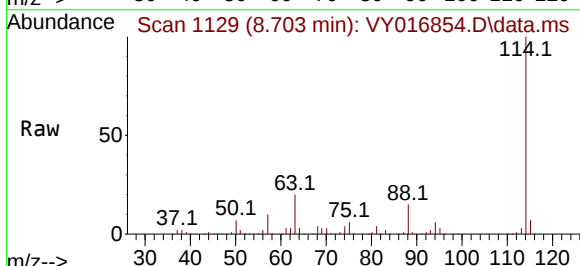
Tgt Ion: 114 Resp: 232171

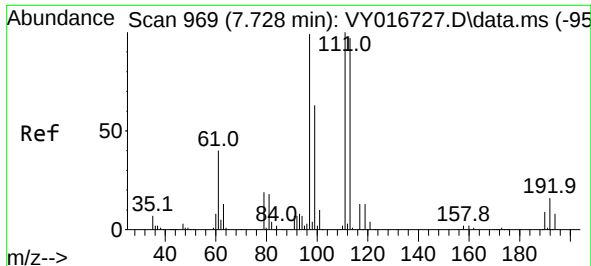
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.7 0.0 29.0

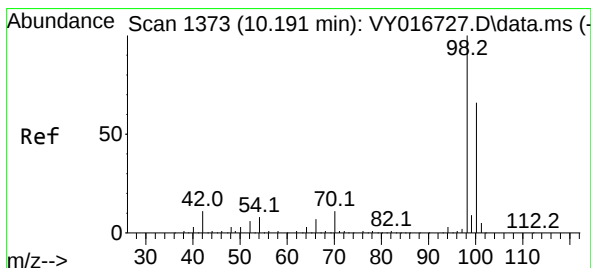
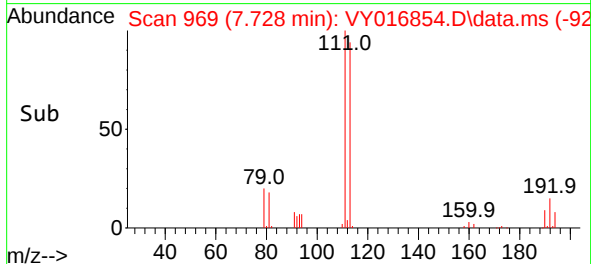
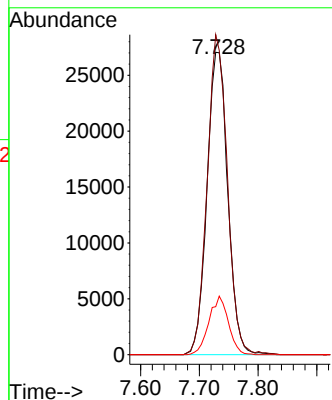
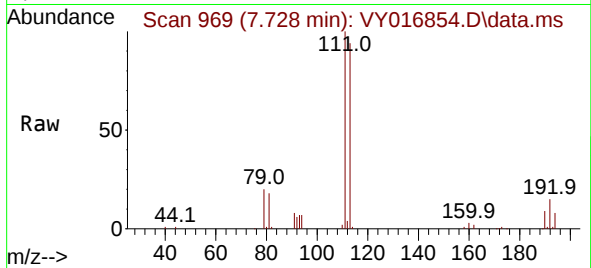




#35
 Dibromofluoromethane
 Concen: 50.112 ug/l
 RT: 7.728 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VY016854.D
 Acq: 26 Dec 2023 15:42

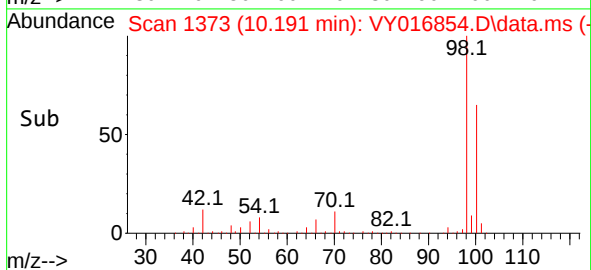
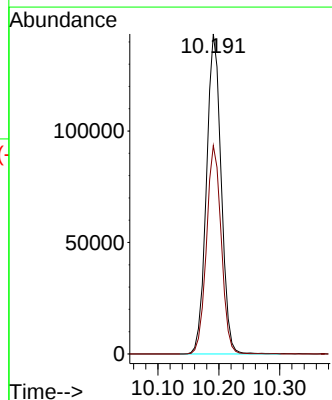
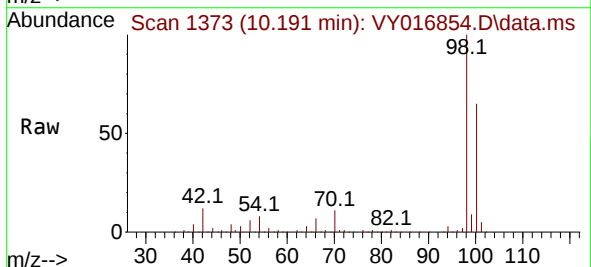
Instrument :
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 MR-323-6-8

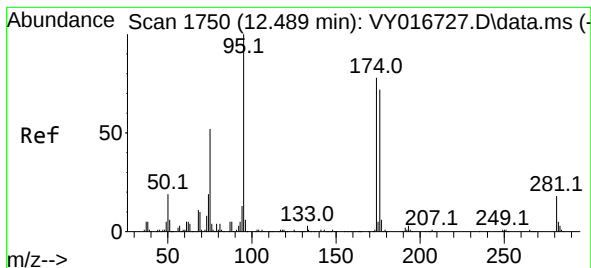
Tgt Ion:113 Resp: 66645
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.8 125.6
 192 18.1 14.5 21.7



#50
 Toluene-d8
 Concen: 50.356 ug/l
 RT: 10.191 min Scan# 1373
 Delta R.T. 0.000 min
 Lab File: VY016854.D
 Acq: 26 Dec 2023 15:42

Tgt Ion: 98 Resp: 241422
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.3 78.5

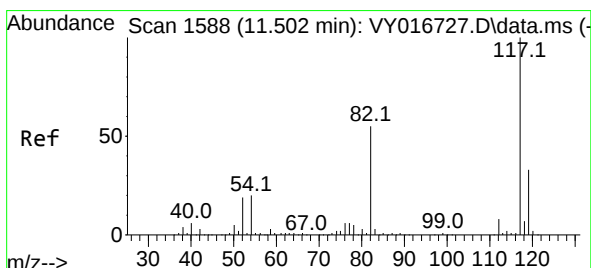
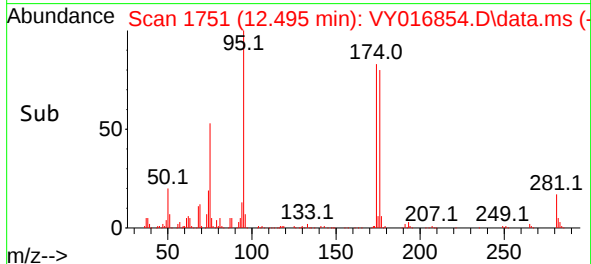
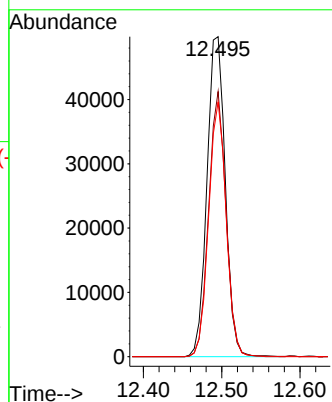
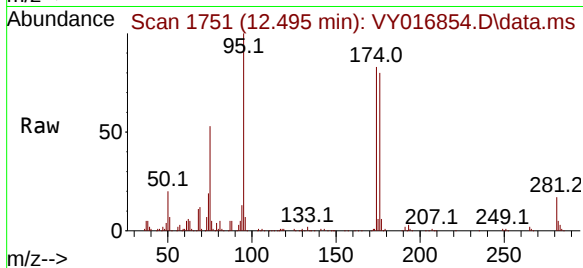




#62
4-Bromofluorobenzene
Concen: 51.839 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016854.D
Acq: 26 Dec 2023 15:42

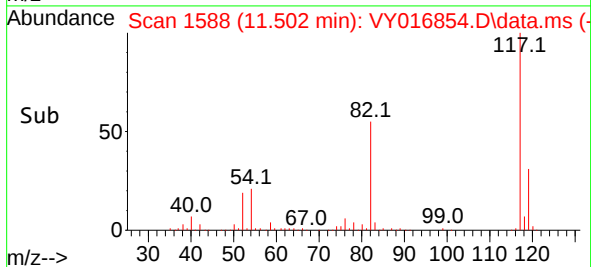
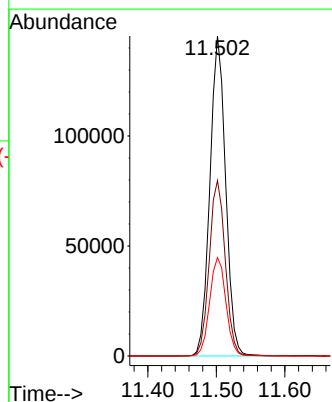
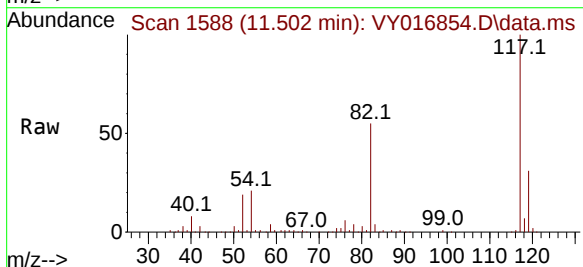
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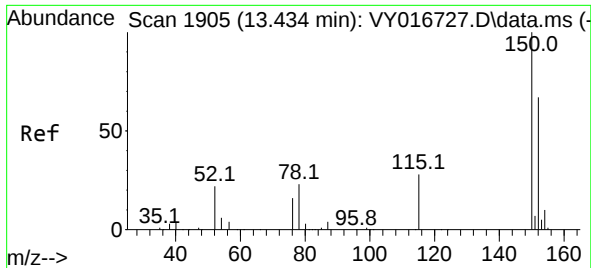
Tgt Ion:	95	Resp:	80631
Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	160.0
176	76.1	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY016854.D
Acq: 26 Dec 2023 15:42

Tgt Ion:	117	Resp:	231917
Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.8	65.8
119	30.8	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: VY016854.D

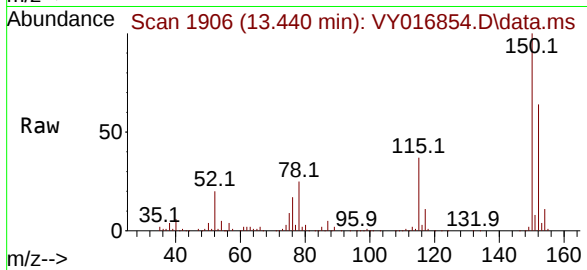
Acq: 26 Dec 2023 15:42

Instrument :

MSVOA_Y

ClientSampleId :

MR-323-6-8



Tgt Ion:152 Resp: 91171

Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.0

150 157.2 0.0 344.6

