

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016853.D
 Acq On : 26 Dec 2023 15:18
 Operator : SY/MD
 Sample : 06016-03
 Misc : 5.64g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MR-322-4-6

Quant Time: Dec 27 01:35:06 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)

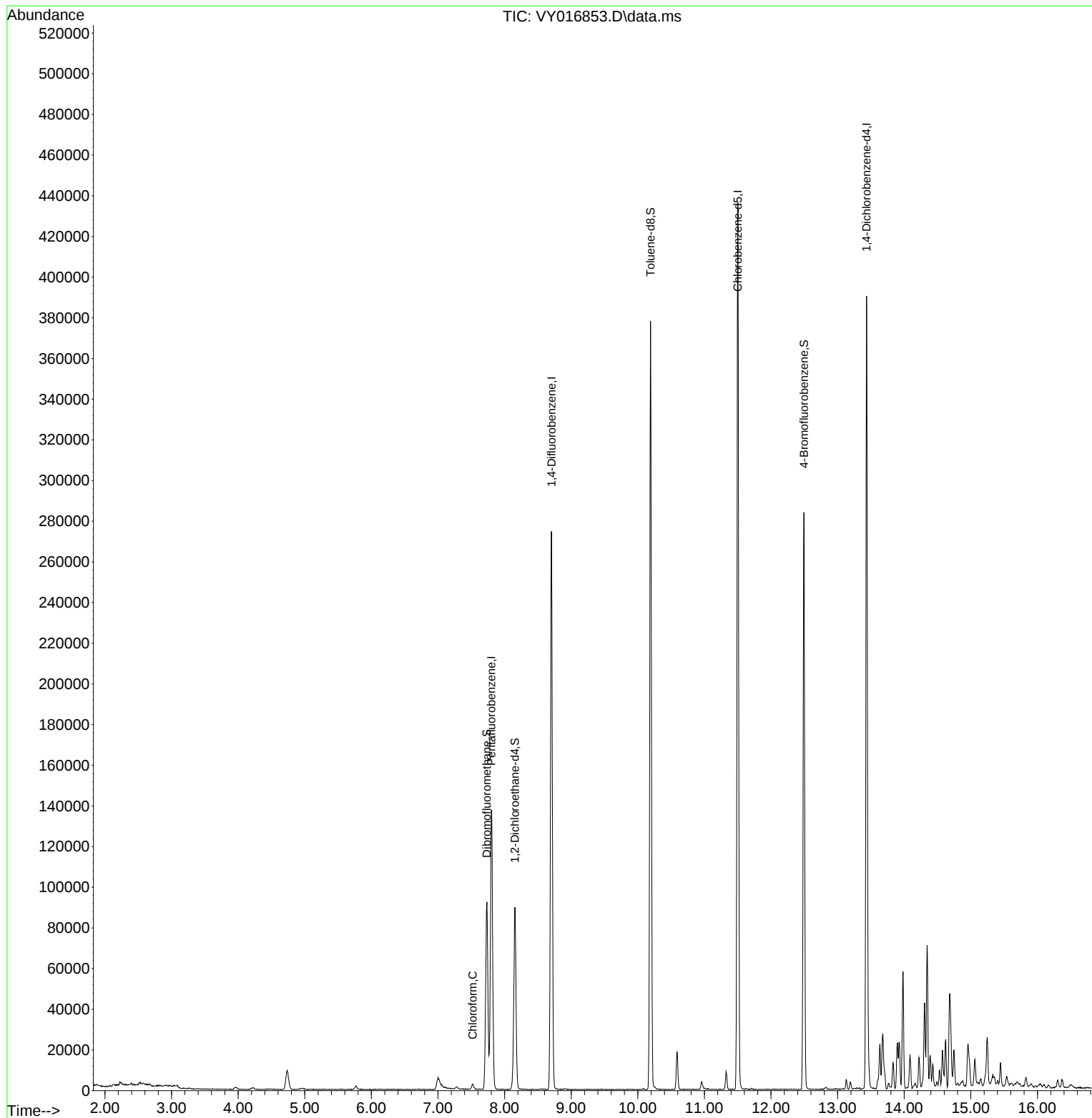
Internal Standards						
1) Pentafluorobenzene	7.801	168	105354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	227122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	233248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	93331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	65926	68.547	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	137.100%	
35) Dibromofluoromethane	7.734	113	66908	51.428	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	102.860%	
50) Toluene-d8	10.191	98	239566	51.080	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	102.160%	
62) 4-Bromofluorobenzene	12.495	95	80967	53.213	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	106.420%	
Target Compounds						
					Qvalue	
30) Chloroform	7.521	83	2415	1.139	ug/l	92

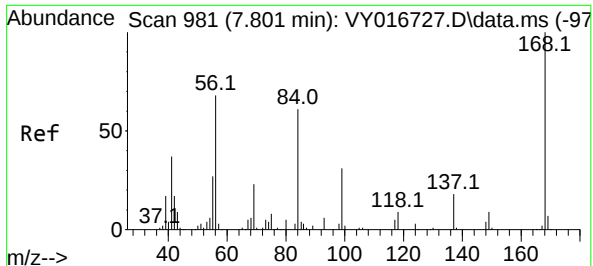
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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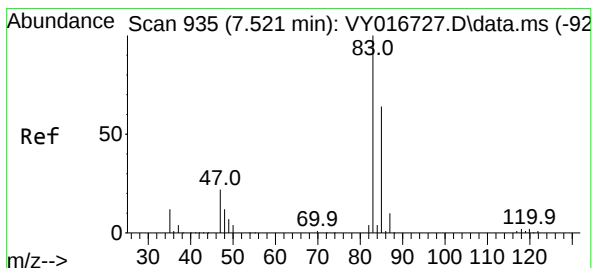
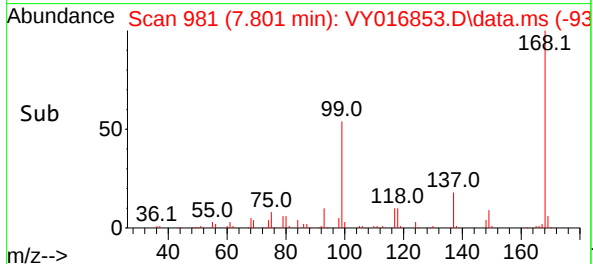
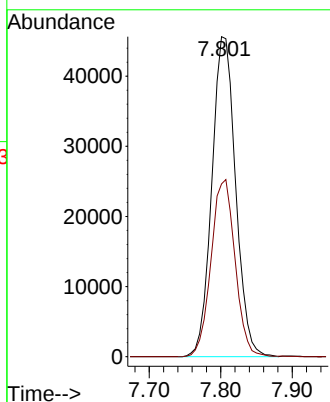
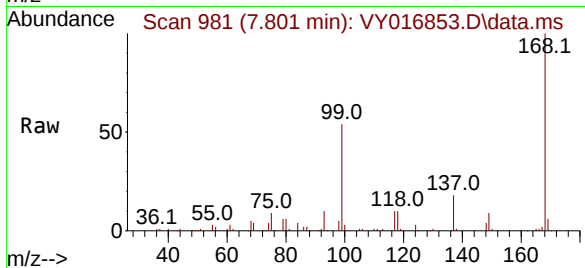




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016853.D
Acq: 26 Dec 2023 15:18

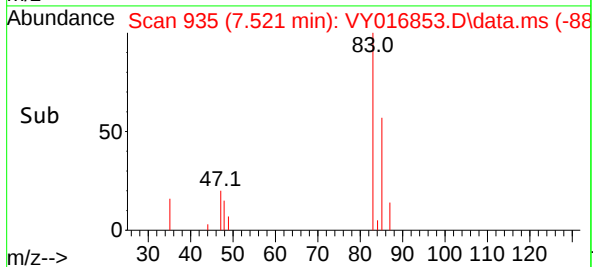
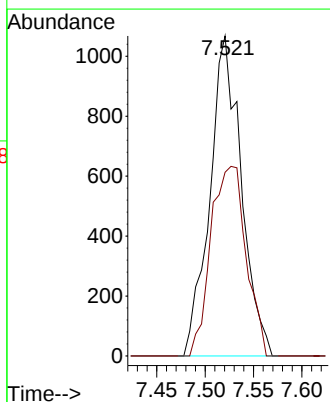
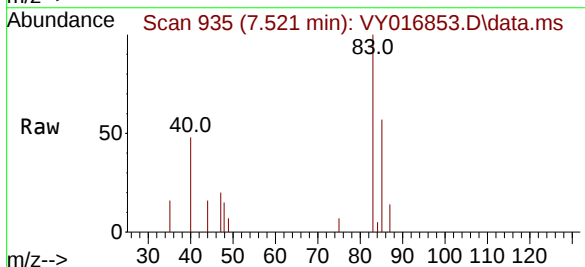
Instrument :
MSVOA_Y
ClientSampleId :
MR-322-4-6

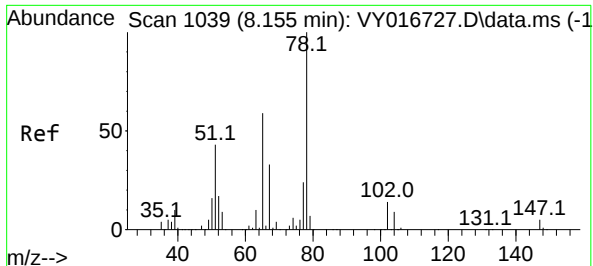
Tgt Ion:168 Resp: 105354
Ion Ratio Lower Upper
168 100
99 54.0 44.2 66.4



#30
Chloroform
Concen: 1.139 ug/l
RT: 7.521 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY016853.D
Acq: 26 Dec 2023 15:18

Tgt Ion: 83 Resp: 2415
Ion Ratio Lower Upper
83 100
85 57.4 51.2 76.8





#33

1,2-Dichloroethane-d4

Concen: 68.547 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY016853.D

Acq: 26 Dec 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

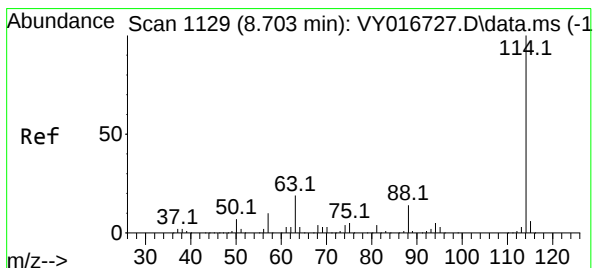
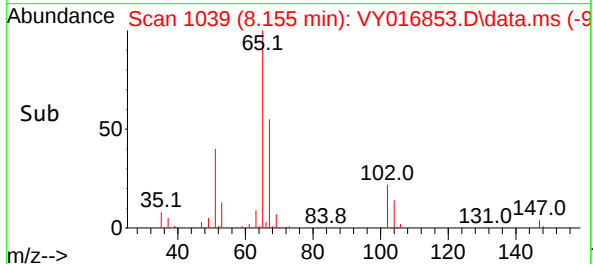
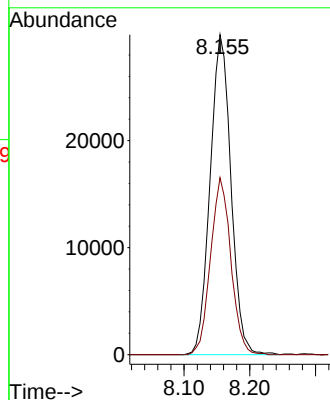
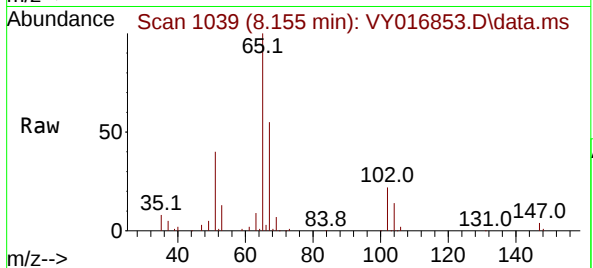
MR-322-4-6

Tgt Ion: 65 Resp: 65926

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: VY016853.D

Acq: 26 Dec 2023 15:18

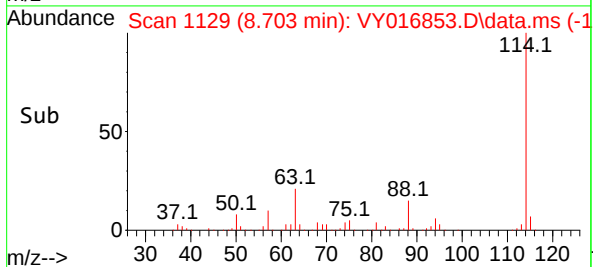
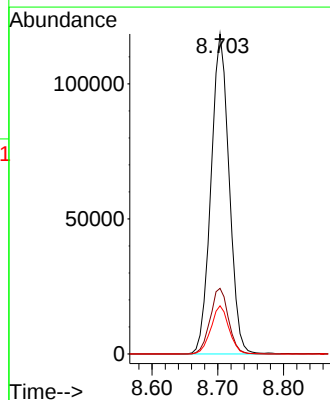
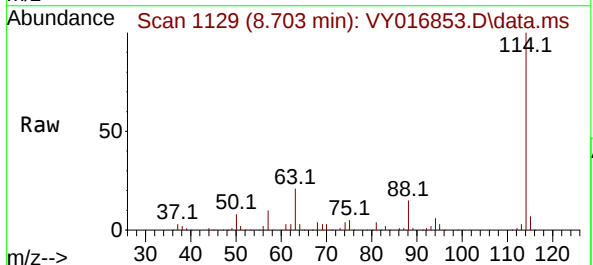
Tgt Ion: 114 Resp: 227122

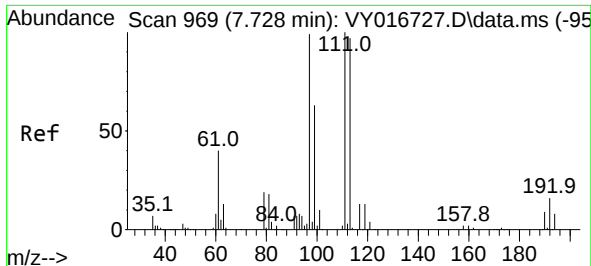
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.0 0.0 29.0

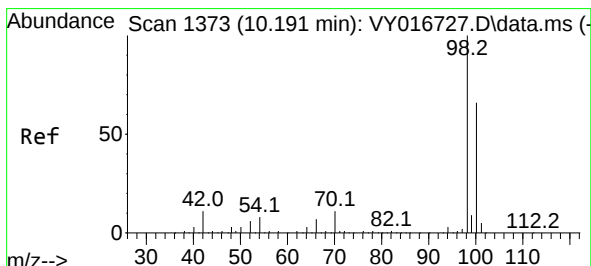
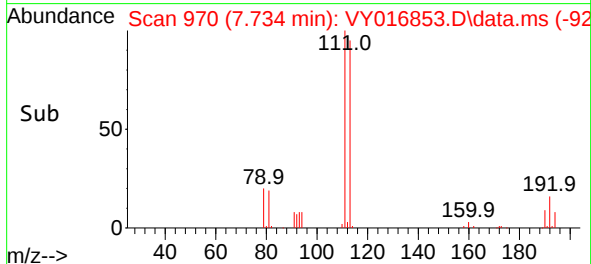
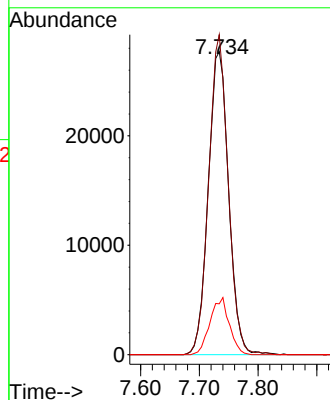
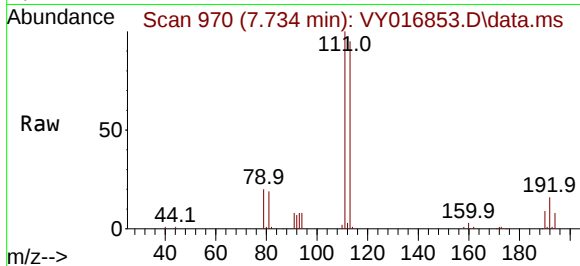




#35
Dibromofluoromethane
Concen: 51.428 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016853.D
Acq: 26 Dec 2023 15:18

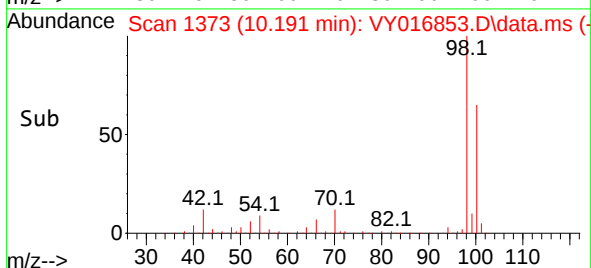
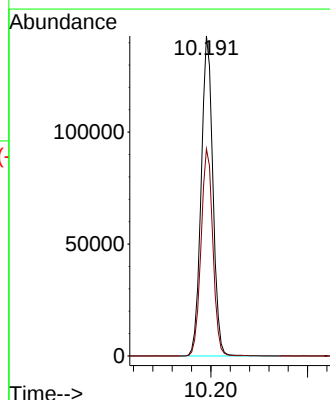
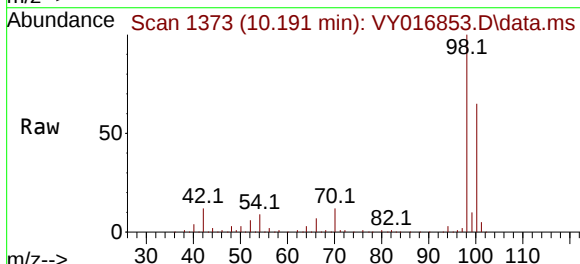
Instrument :
MSVOA_Y
ClientSampleId :
MR-322-4-6

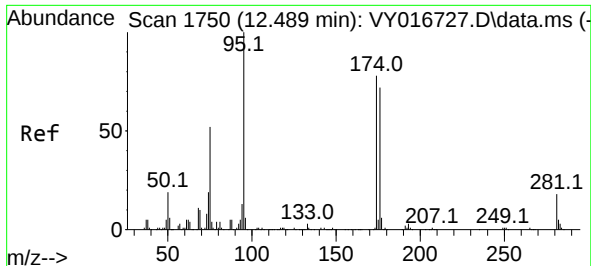
Tgt Ion:113 Resp: 66908
Ion Ratio Lower Upper
113 100
111 100.9 83.8 125.6
192 17.8 14.5 21.7



#50
Toluene-d8
Concen: 51.080 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016853.D
Acq: 26 Dec 2023 15:18

Tgt Ion: 98 Resp: 239566
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

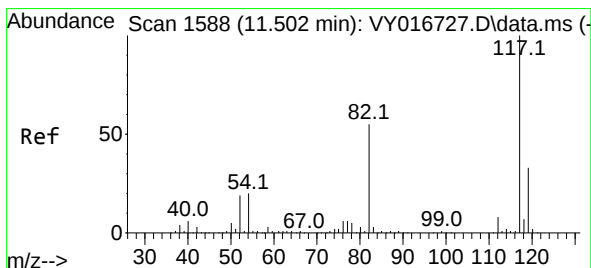
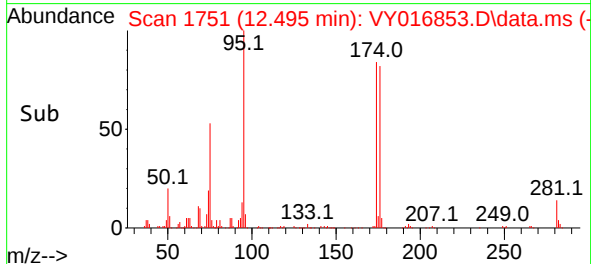
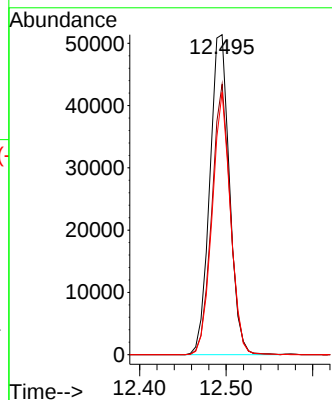
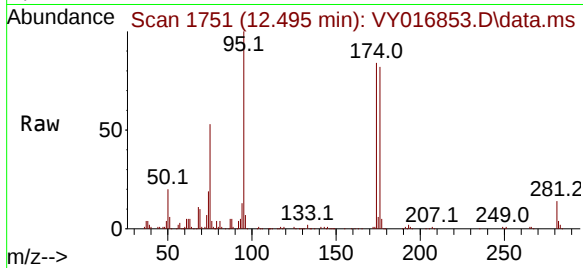




#62
4-Bromofluorobenzene
Concen: 53.213 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016853.D
Acq: 26 Dec 2023 15:18

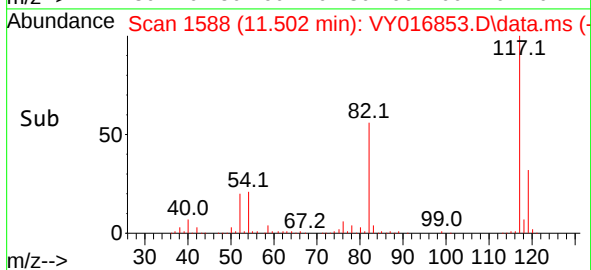
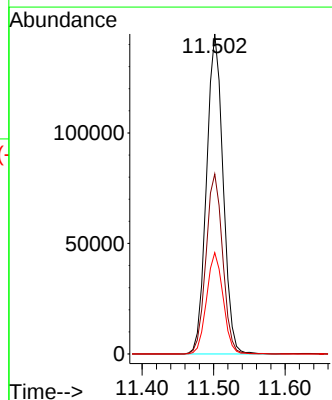
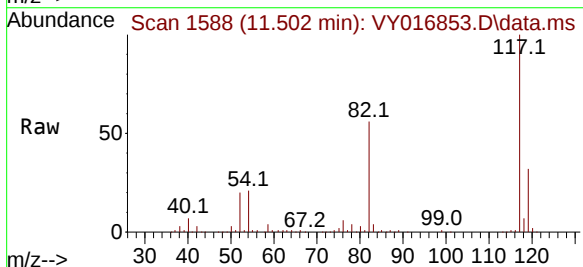
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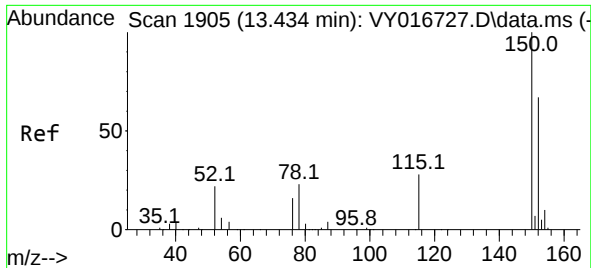
Tgt Ion:	95	Resp:	80967
Ion	Ratio	Lower	Upper
95	100		
174	79.8	0.0	160.0
176	76.5	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY016853.D
Acq: 26 Dec 2023 15:18

Tgt Ion:	117	Resp:	233248
Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.8	65.8
119	31.6	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: VY016853.D

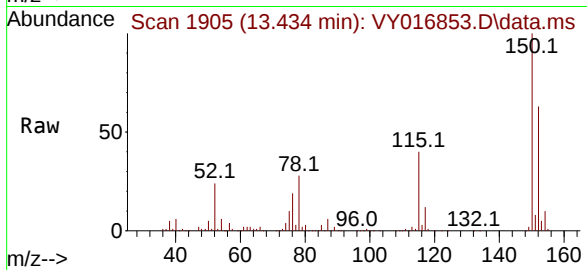
Acq: 26 Dec 2023 15:18

Instrument :

MSVOA_Y

ClientSampleId :

MR-322-4-6



Tgt Ion:152 Resp: 93331

Ion Ratio Lower Upper

152 100

115 61.2 30.0 90.0

150 160.1 0.0 344.6

