

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016021.D
 Acq On : 18 Oct 2023 15:37
 Operator : SY/MD
 Sample : VY1018SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBL01

Quant Time: Oct 19 03:23:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

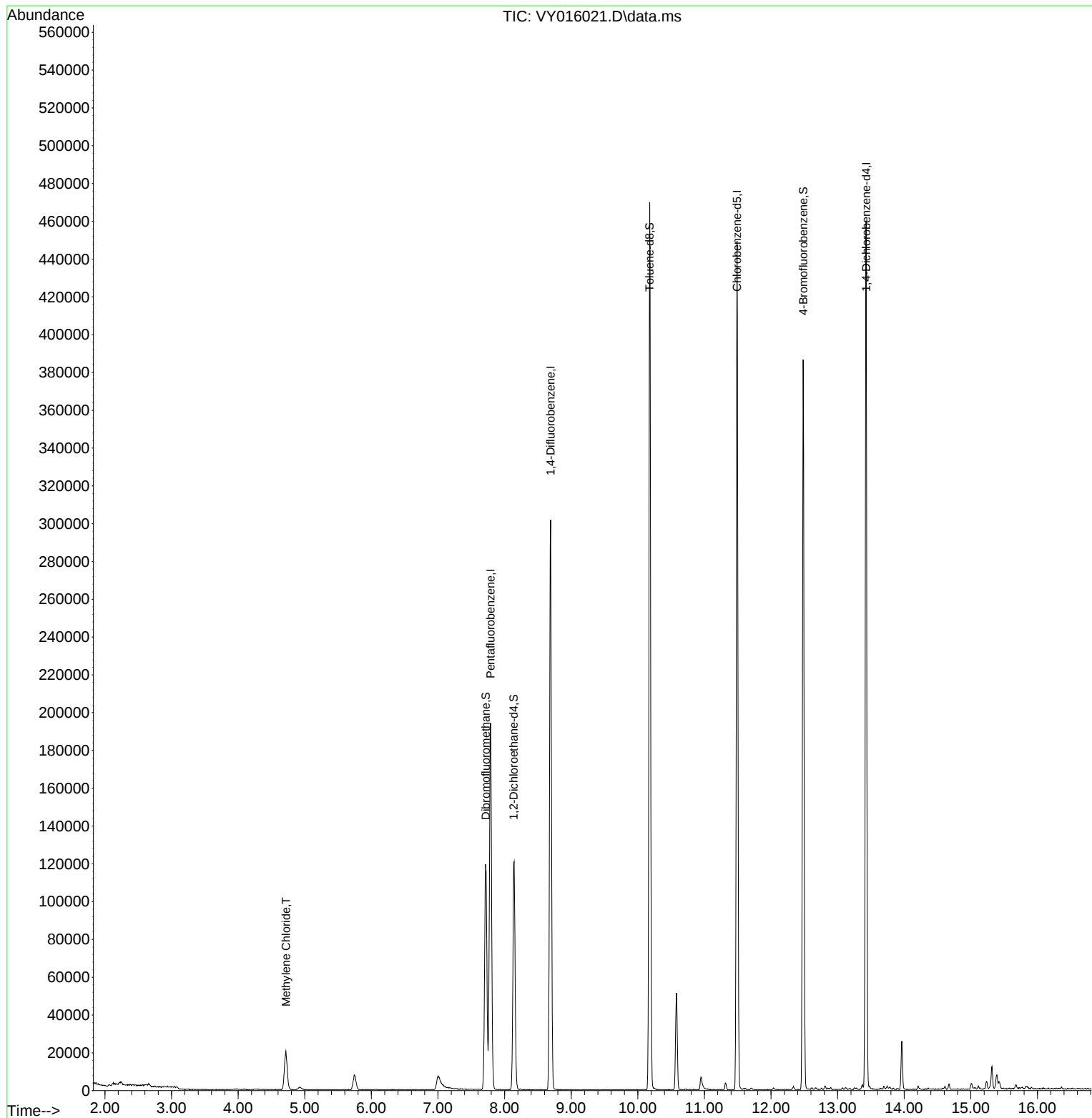
Internal Standards						
1) Pentafluorobenzene	7.789	168	154052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	264215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	118194	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97190	55.508	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	111.020%	
35) Dibromofluoromethane	7.715	113	86582	49.786	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	99.580%	
50) Toluene-d8	10.178	98	309534	49.007	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	98.020%	
62) 4-Bromofluorobenzene	12.483	95	108306	48.057	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	96.120%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	14995	7.777	ug/l	86

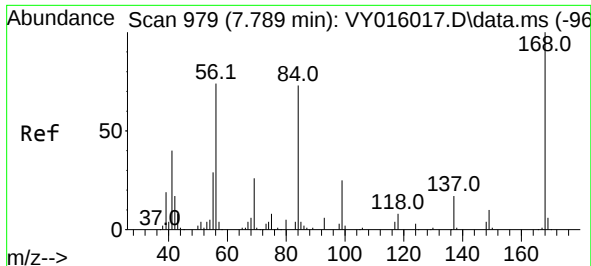
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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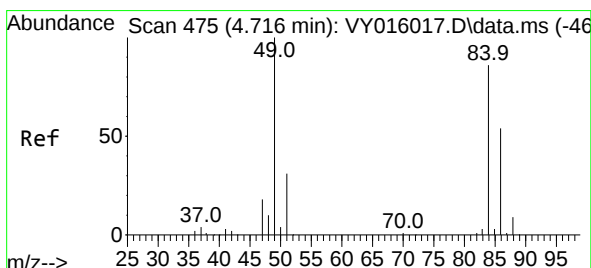
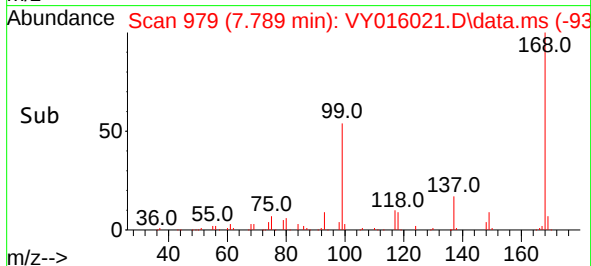
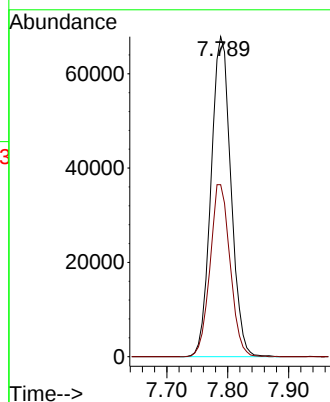
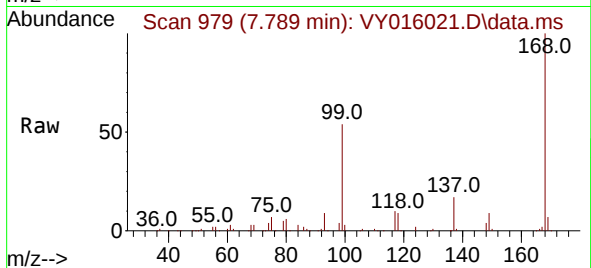




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016021.D
Acq: 18 Oct 2023 15:37

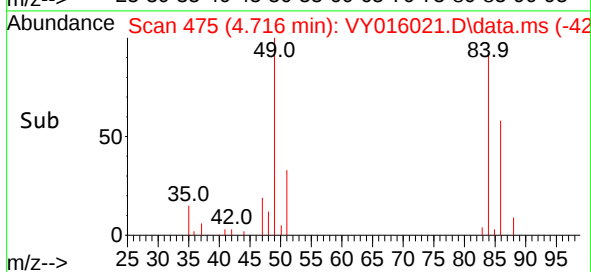
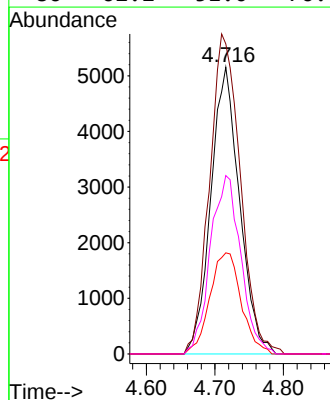
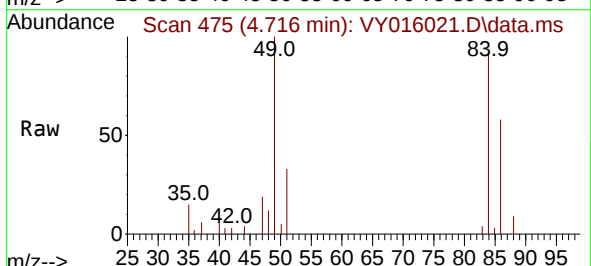
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBL01

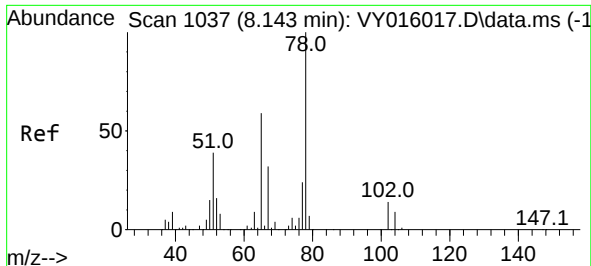
Tgt Ion:168 Resp: 154052
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#20
Methylene Chloride
Concen: 7.777 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY016021.D
Acq: 18 Oct 2023 15:37

Tgt Ion: 84 Resp: 14995
Ion Ratio Lower Upper
84 100
49 108.2 106.9 160.3
51 35.3 33.2 49.8
86 62.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.508 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016021.D

Acq: 18 Oct 2023 15:37

Instrument :

MSVOA_Y

ClientSampleId :

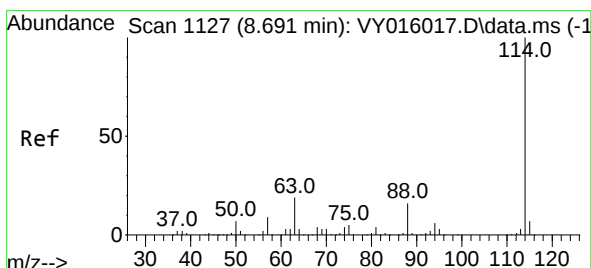
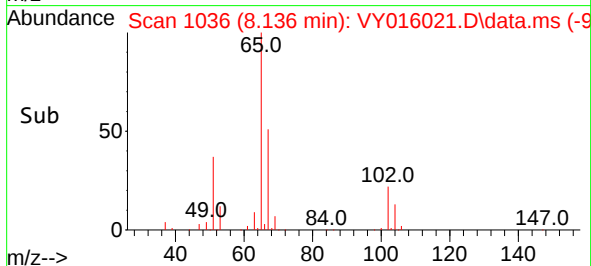
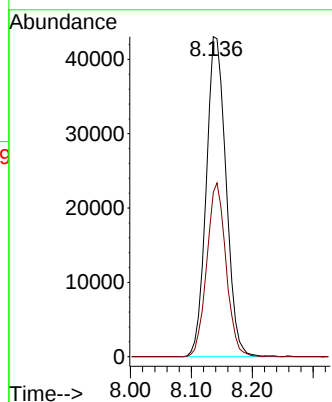
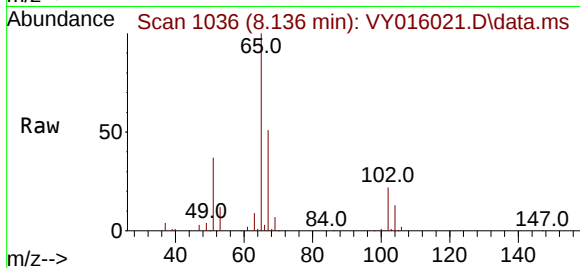
VY1018SBL01

Tgt Ion: 65 Resp: 97190

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016021.D

Acq: 18 Oct 2023 15:37

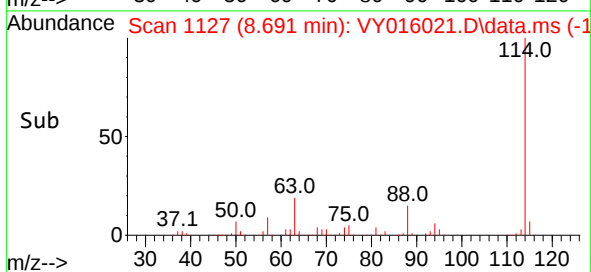
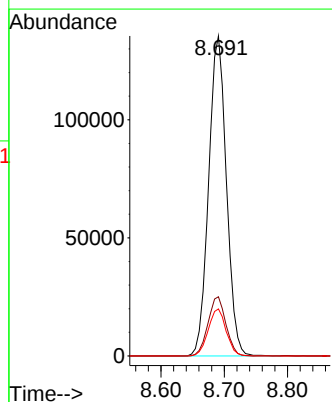
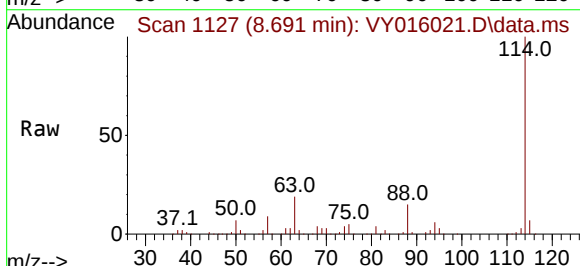
Tgt Ion: 114 Resp: 264215

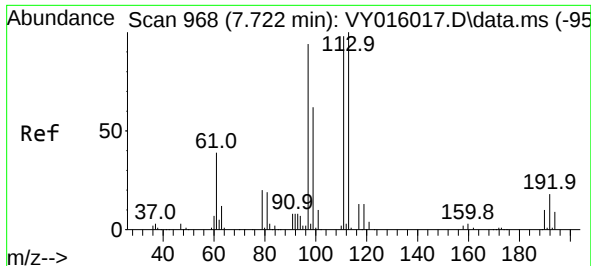
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.7 0.0 30.6

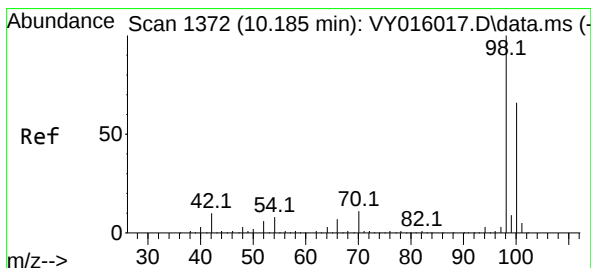
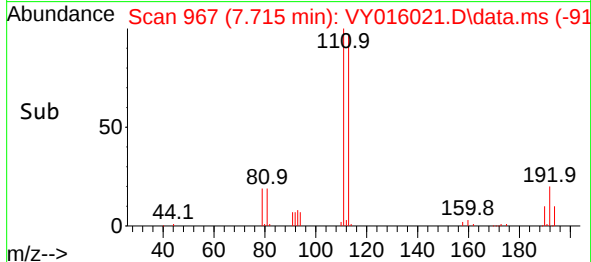
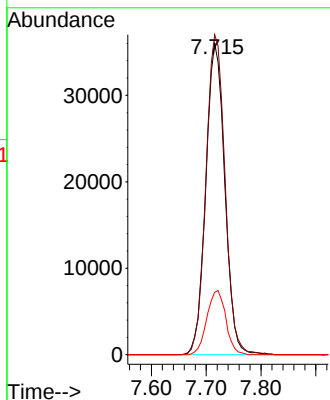
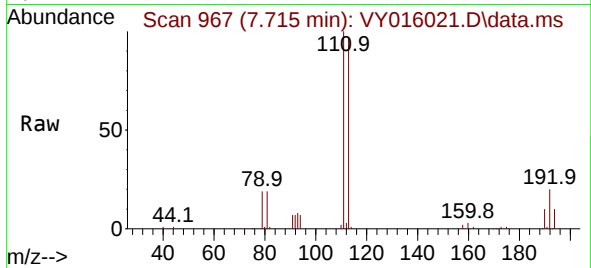




#35
 Dibromofluoromethane
 Concen: 49.786 ug/l
 RT: 7.715 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY016021.D
 Acq: 18 Oct 2023 15:37

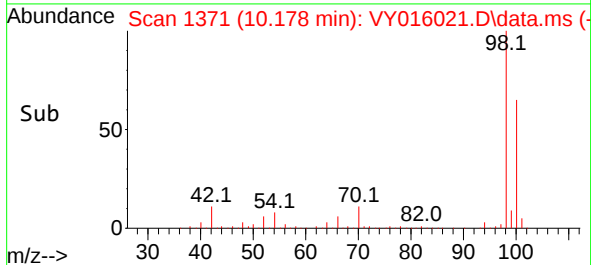
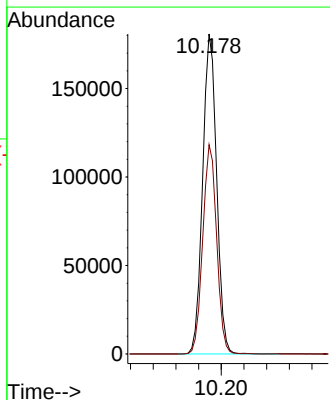
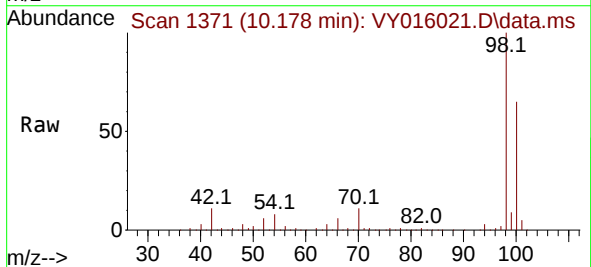
Instrument :
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 VY1018SBL01

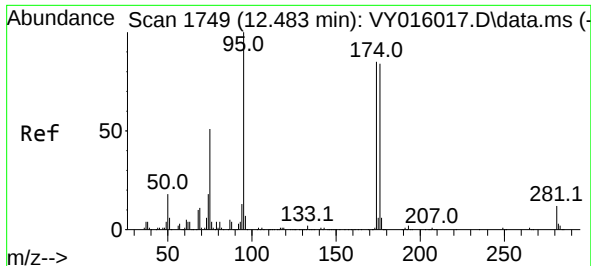
Tgt Ion:	113	Resp:	86582
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.3	121.9
192	20.5	16.9	25.3



#50
 Toluene-d8
 Concen: 49.007 ug/l
 RT: 10.178 min Scan# 1371
 Delta R.T. -0.007 min
 Lab File: VY016021.D
 Acq: 18 Oct 2023 15:37

Tgt Ion:	98	Resp:	309534
Ion	Ratio	Lower	Upper
98	100		
100	65.0	50.1	75.1

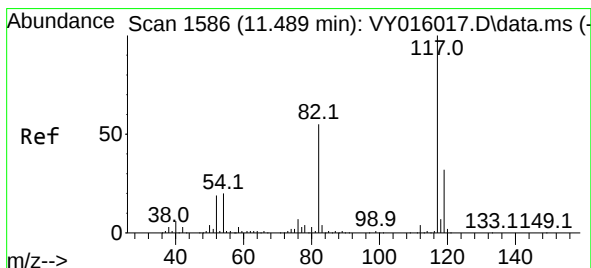
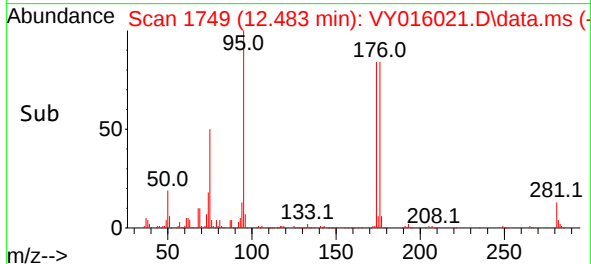
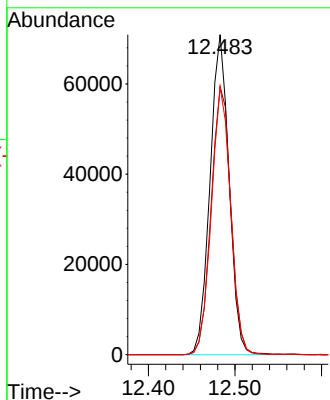
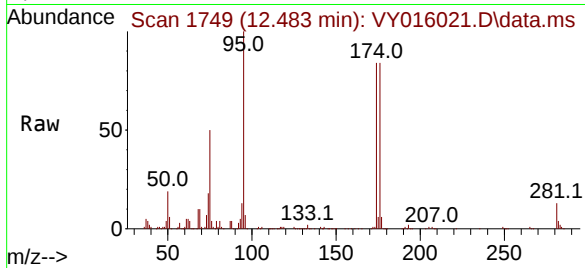




#62
4-Bromofluorobenzene
Concen: 48.057 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016021.D
Acq: 18 Oct 2023 15:37

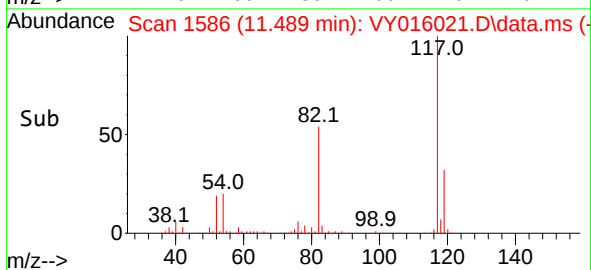
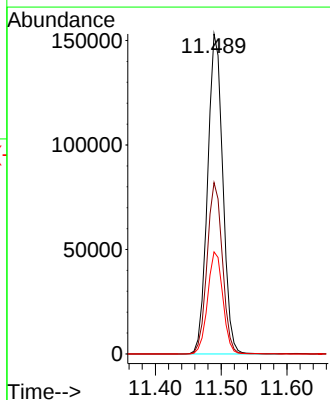
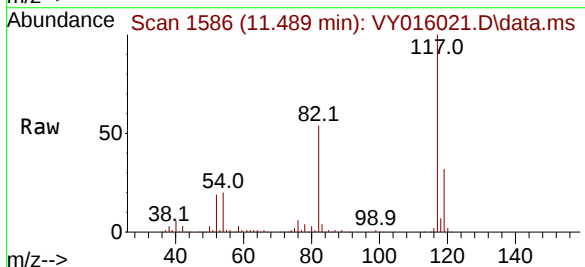
Instrument :
MSVOA_Y
ClientSampleId :
VY1018SBL01

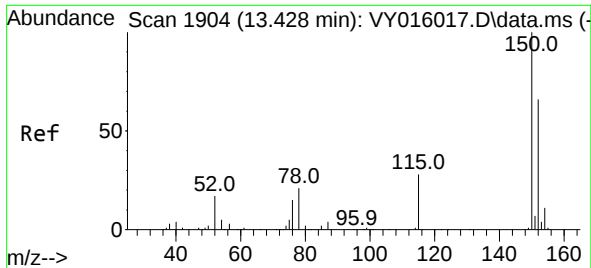
Tgt Ion: 95 Resp: 108306
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 84.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY016021.D
Acq: 18 Oct 2023 15:37

Tgt Ion: 117 Resp: 246808
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 31.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY016021.D
 Acq: 18 Oct 2023 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1018SBL01

Tgt Ion:152 Resp: 118194
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 157.4 0.0 348.8

