

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
 Data File : VY018501.D
 Acq On : 06 Jun 2024 13:13
 Operator : SY/MD
 Sample : VY0606SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBL01

Quant Time: Jun 07 02:23:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

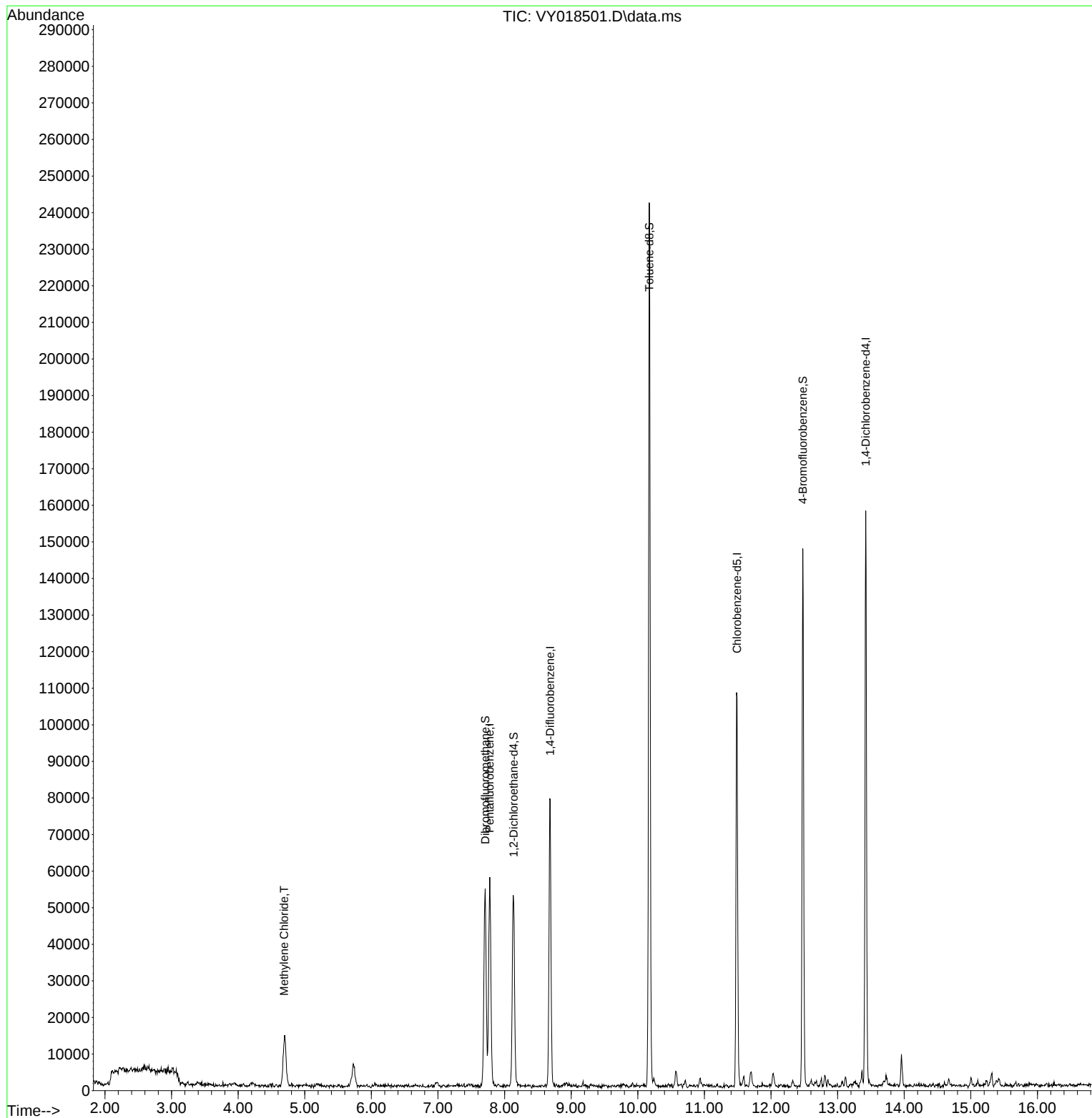
Internal Standards						
1) Pentafluorobenzene	7.777	168	39462	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	65273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	57945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	36467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40786	52.629	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	105.260%	
35) Dibromofluoromethane	7.710	113	37986	45.893	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	91.780%	
50) Toluene-d8	10.173	98	150083	45.579	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	91.160%	
62) 4-Bromofluorobenzene	12.477	95	43660	42.585	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	85.180%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.692	84	9608	7.160	ug/l	# 92

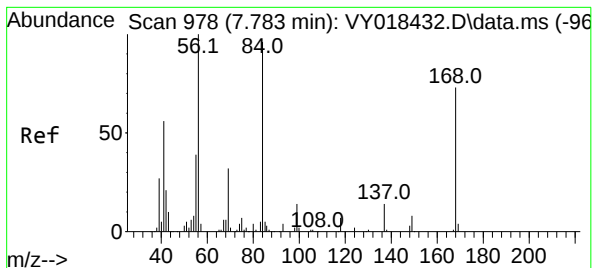
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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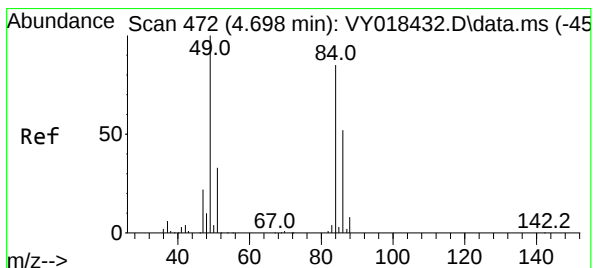
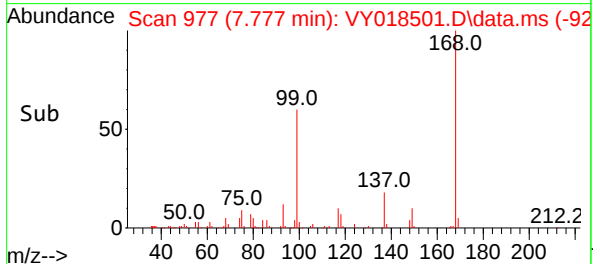
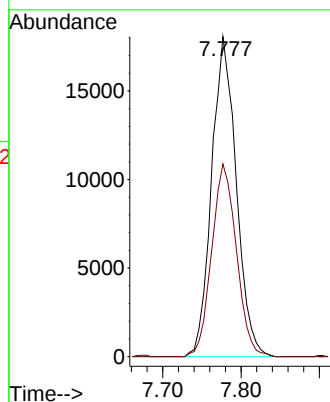
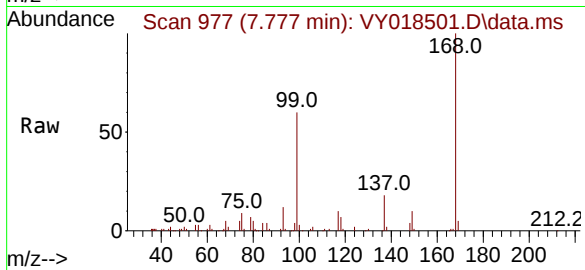




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018501.D
Acq: 06 Jun 2024 13:13

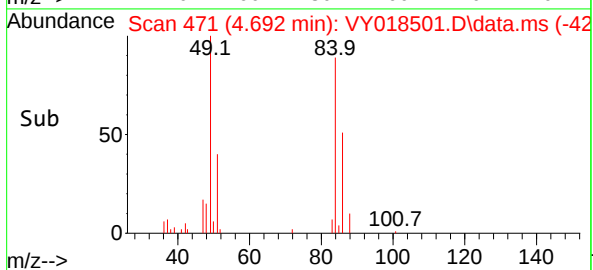
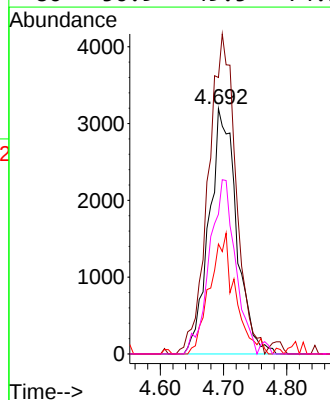
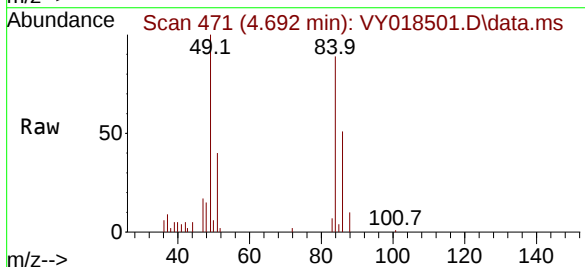
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBL01

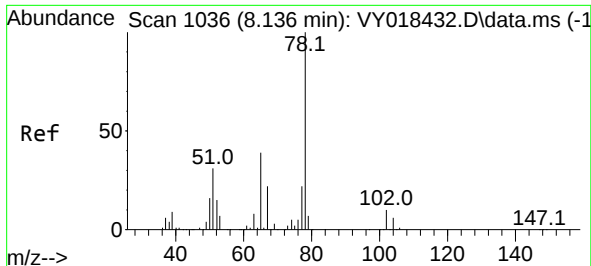
Tgt Ion:168 Resp: 39462
Ion Ratio Lower Upper
168 100
99 60.2 39.1 58.7#



#20
Methylene Chloride
Concen: 7.160 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018501.D
Acq: 06 Jun 2024 13:13

Tgt Ion: 84 Resp: 9608
Ion Ratio Lower Upper
84 100
49 110.8 84.4 126.6
51 44.8 26.0 39.0#
86 56.9 49.5 74.3

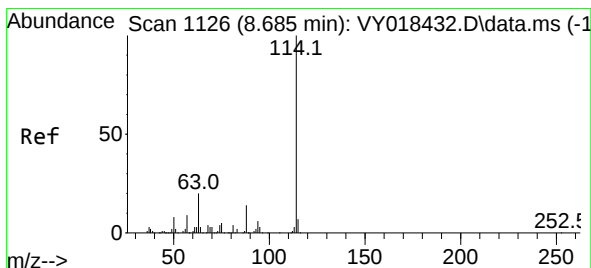
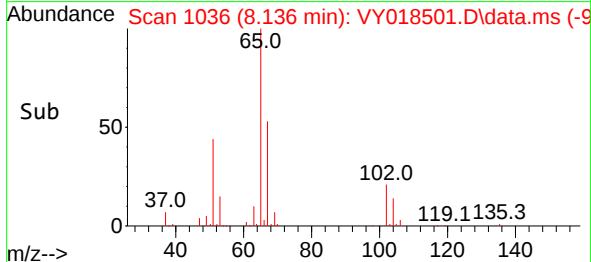
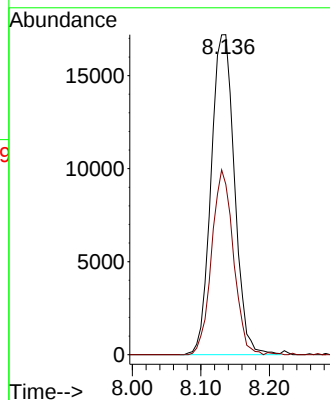
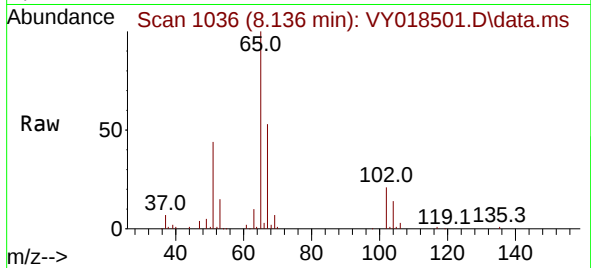




#33
1,2-Dichloroethane-d4
Concen: 52.629 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018501.D
Acq: 06 Jun 2024 13:13

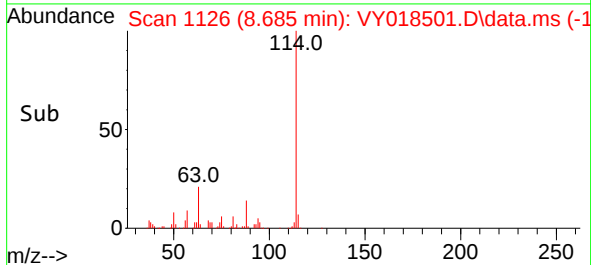
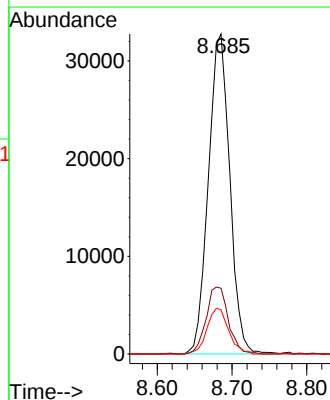
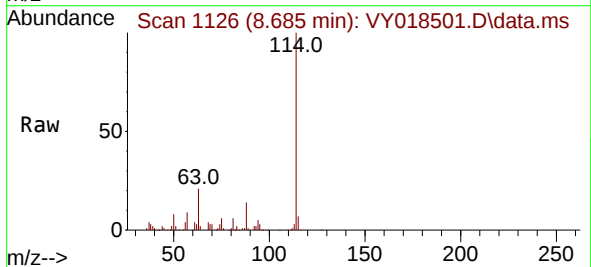
Instrument :
MSVOA_Y
ClientSampleId :
VY0606SBL01

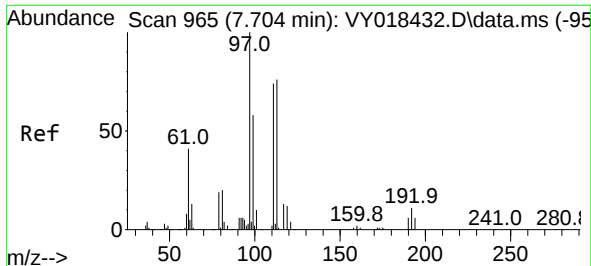
Tgt Ion: 65 Resp: 40786
Ion Ratio Lower Upper
65 100
67 53.7 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018501.D
Acq: 06 Jun 2024 13:13

Tgt Ion: 114 Resp: 65273
Ion Ratio Lower Upper
114 100
63 20.5 0.0 35.0
88 13.8 0.0 27.2

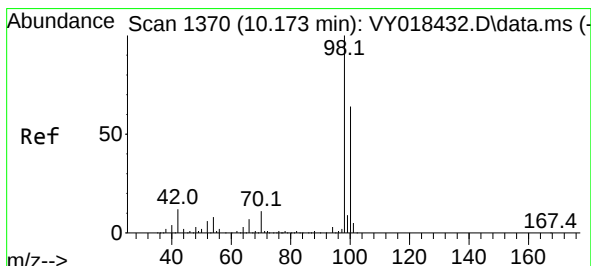
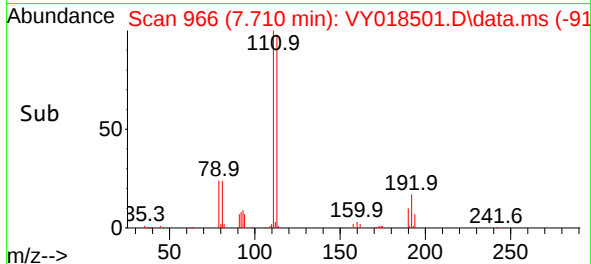
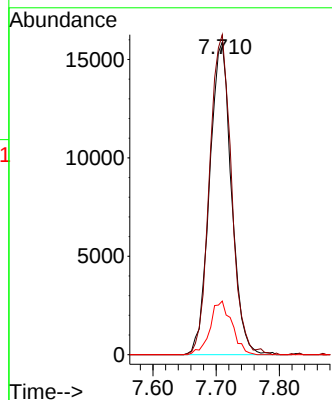
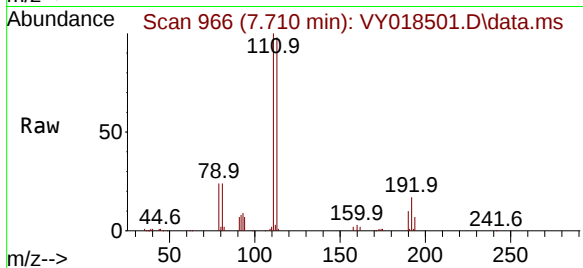




#35
 Dibromofluoromethane
 Concen: 45.893 ug/l
 RT: 7.710 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VY018501.D
 Acq: 06 Jun 2024 13:13

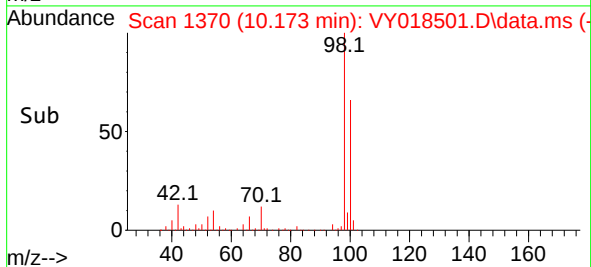
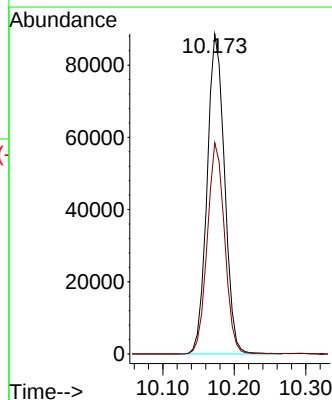
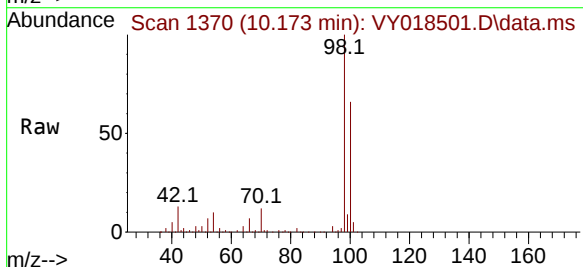
Instrument :
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 ClientSampleId :
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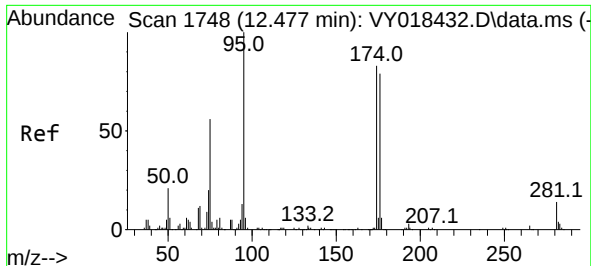
Tgt Ion:113 Resp: 37986
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 17.1 15.9 23.9



#50
 Toluene-d8
 Concen: 45.579 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. 0.000 min
 Lab File: VY018501.D
 Acq: 06 Jun 2024 13:13

Tgt Ion: 98 Resp: 150083
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.0 78.0

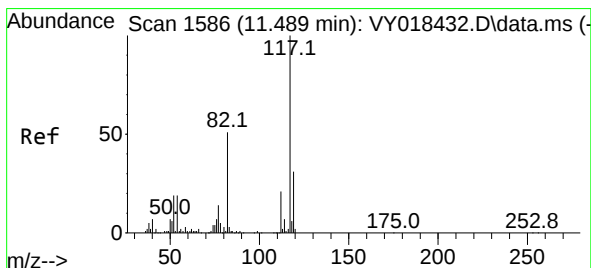
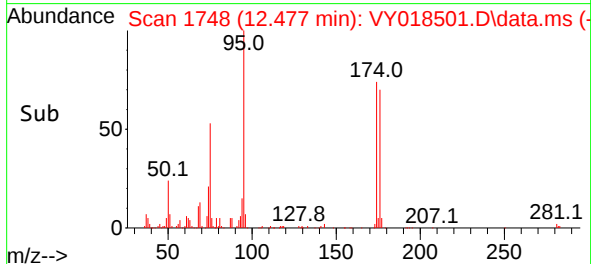
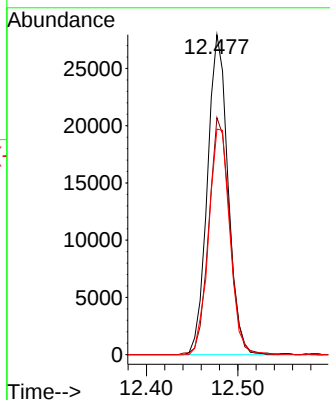
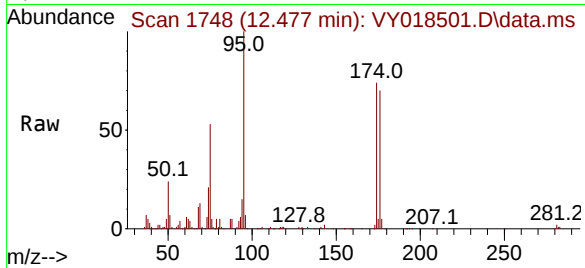




#62
4-Bromofluorobenzene
Concen: 42.585 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018501.D
Acq: 06 Jun 2024 13:13

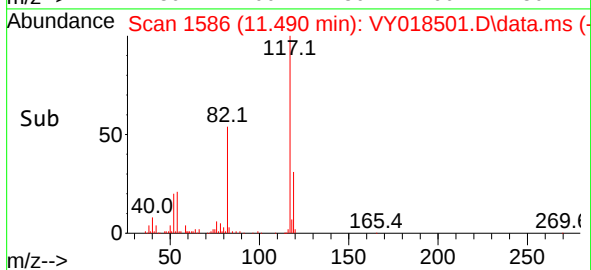
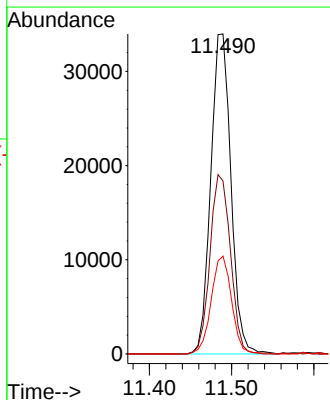
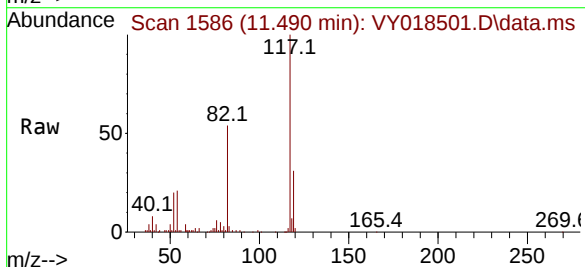
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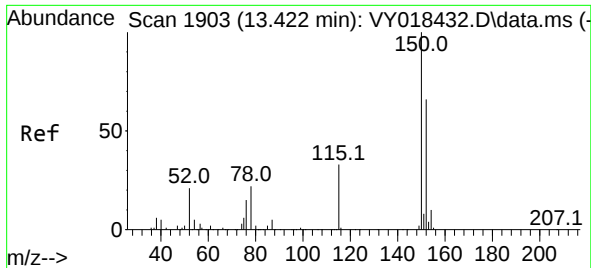
Tgt Ion: 95 Resp: 43660
Ion Ratio Lower Upper
95 100
174 75.2 0.0 175.6
176 72.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018501.D
Acq: 06 Jun 2024 13:13

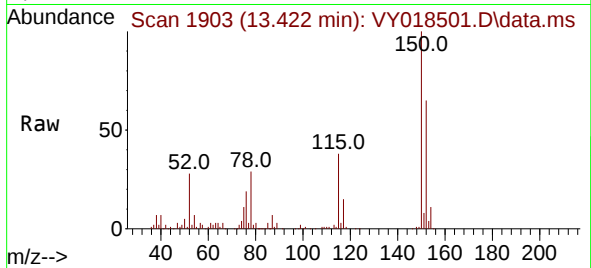
Tgt Ion: 117 Resp: 57945
Ion Ratio Lower Upper
117 100
82 54.1 42.4 63.6
119 30.6 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018501.D
 Acq: 06 Jun 2024 13:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBL01



Tgt Ion:152 Resp: 36467
 Ion Ratio Lower Upper
 152 100
 115 60.3 28.2 84.7
 150 157.8 0.0 345.6

