

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015167.D
 Acq On : 17 Aug 2023 13:18
 Operator : SY/MD
 Sample : 03975-05
 Misc : 7.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NEVINS-SB03-Z96-98

Quant Time: Aug 18 00:52:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

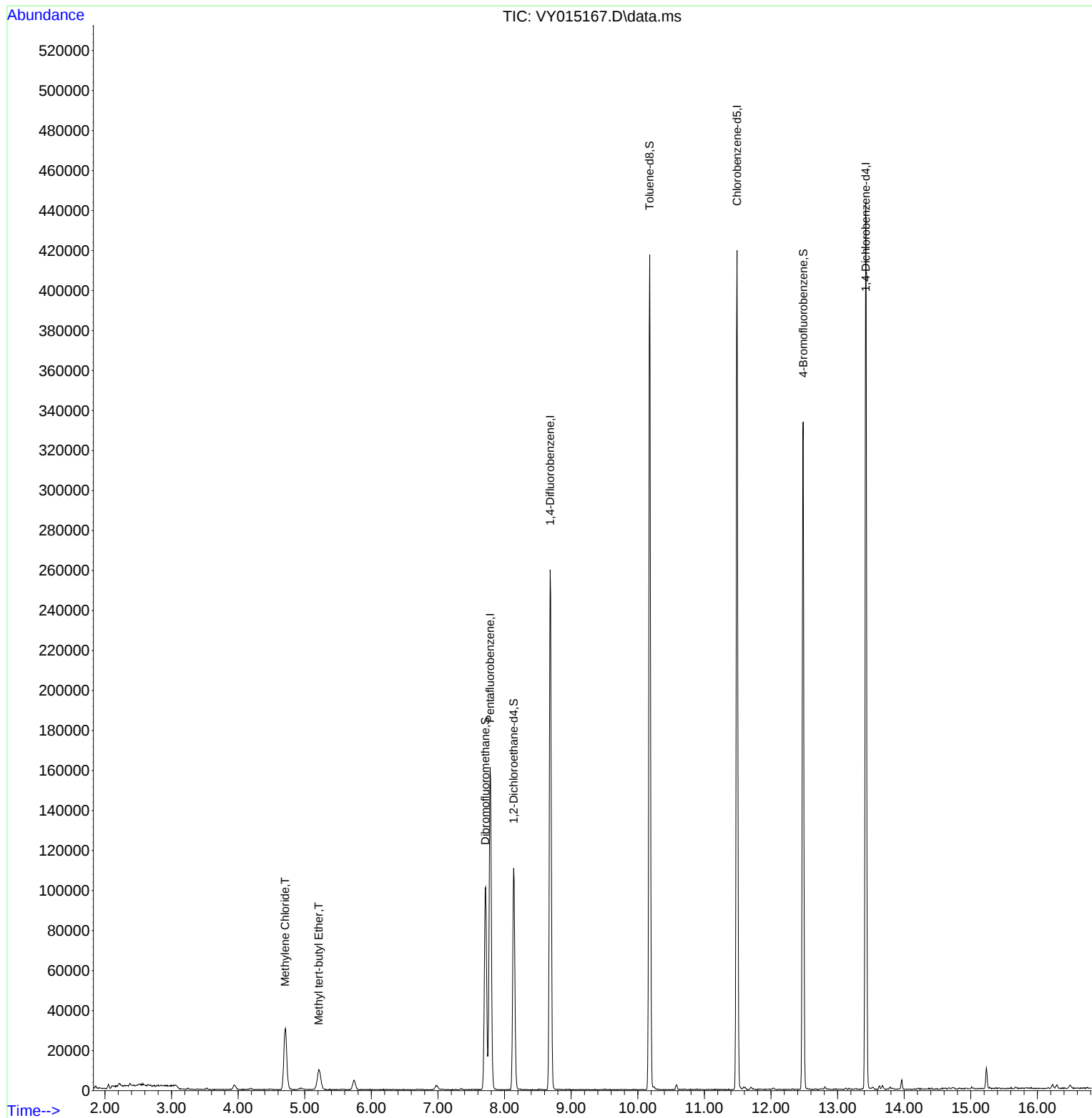
Internal Standards						
1) Pentafluorobenzene	7.783	168	126693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	223194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	224361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	114295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	86273	56.728	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.460%	
35) Dibromofluoromethane	7.710	113	72309	50.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.720%	
50) Toluene-d8	10.179	98	269830	50.481	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.960%	
62) 4-Bromofluorobenzene	12.483	95	101952	52.221	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.440%	
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.210	73	17673	4.715	ug/l	99
20) Methylene Chloride	4.704	84	23649	17.001	ug/l #	87

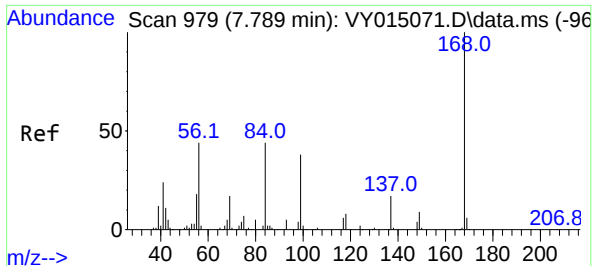
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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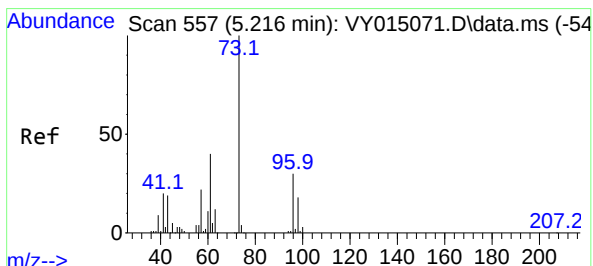
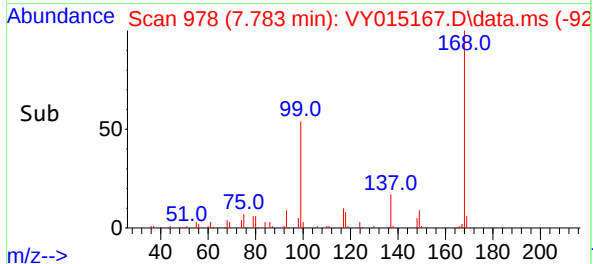
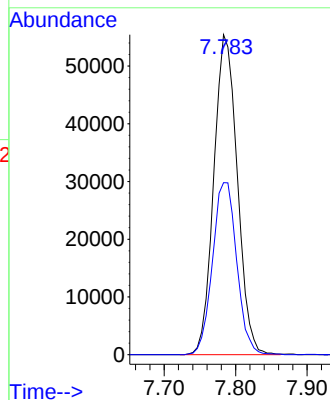
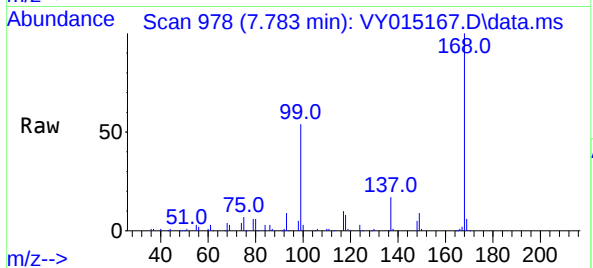




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015167.D
Acq: 17 Aug 2023 13:18

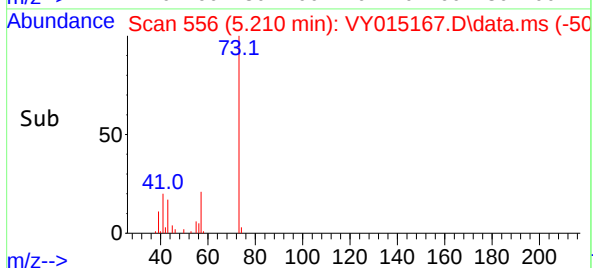
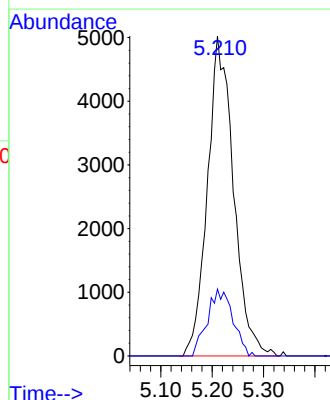
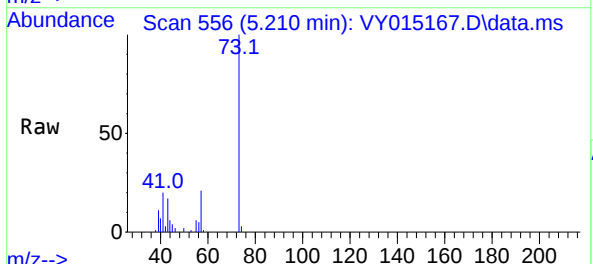
Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB03-Z96-98

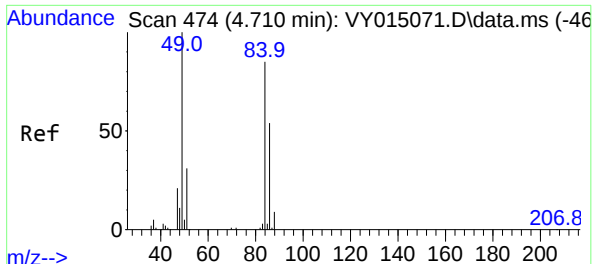
Tgt Ion:168 Resp: 126693
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#19
Methyl tert-butyl Ether
Concen: 4.715 ug/l
RT: 5.210 min Scan# 556
Delta R.T. 0.000 min
Lab File: VY015167.D
Acq: 17 Aug 2023 13:18

Tgt Ion: 73 Resp: 17673
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



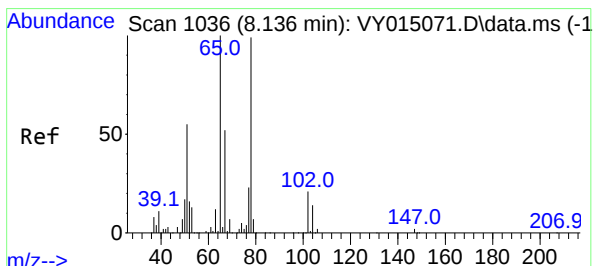
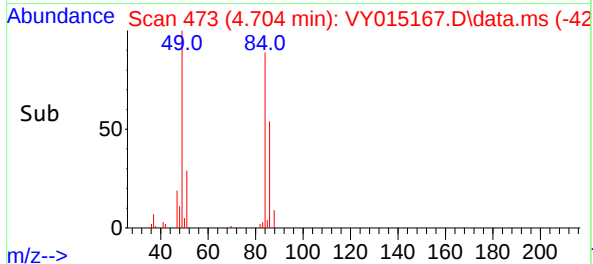
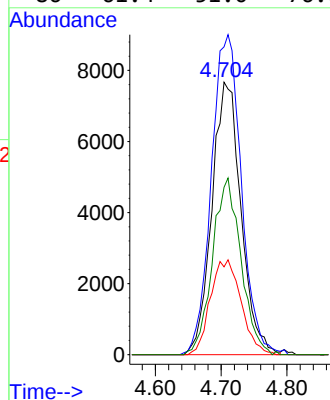
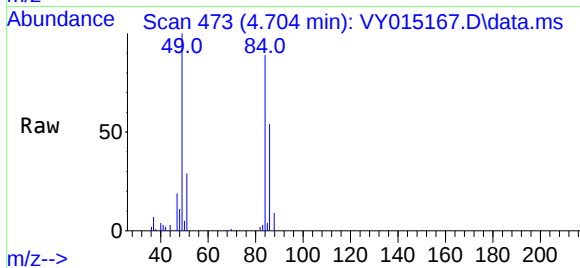


#20
Methylene Chloride
Concen: 17.001 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015167.D
Acq: 17 Aug 2023 13:18

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB03-Z96-98

Tgt Ion: 84 Resp: 23649

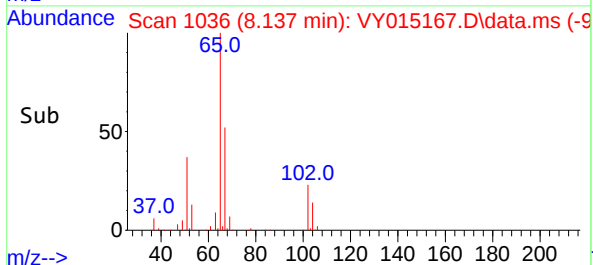
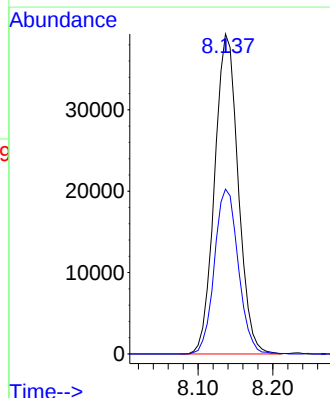
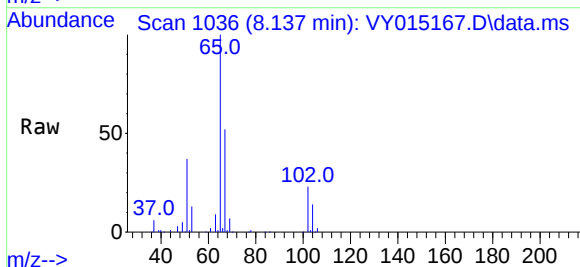
Ion	Ratio	Lower	Upper
84	100		
49	112.9	106.9	160.3
51	32.2	33.2	49.8#
86	61.4	51.0	76.6

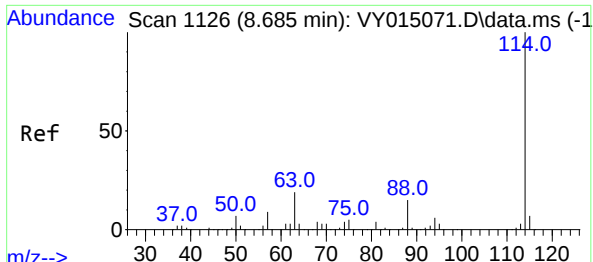


#33
1,2-Dichloroethane-d4
Concen: 56.728 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015167.D
Acq: 17 Aug 2023 13:18

Tgt Ion: 65 Resp: 86273

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	101.8



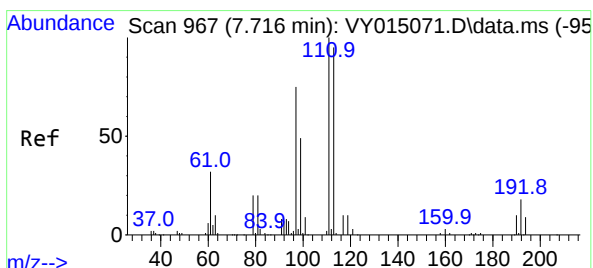
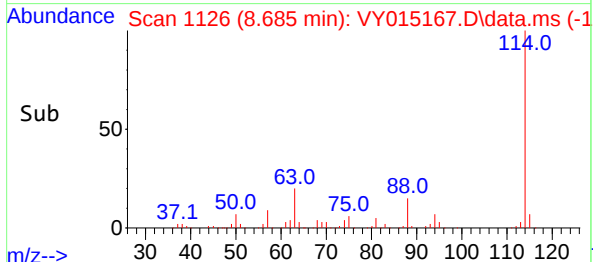
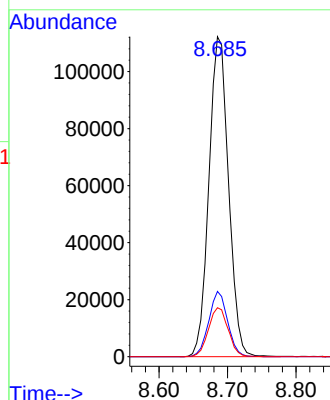
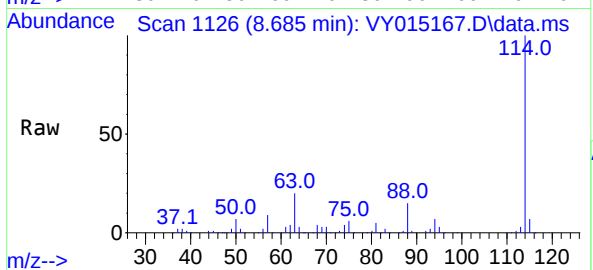


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015167.D
Acq: 17 Aug 2023 13:18

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB03-Z96-98

Tgt Ion:114 Resp: 223194

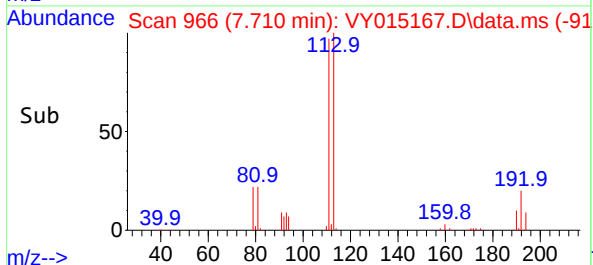
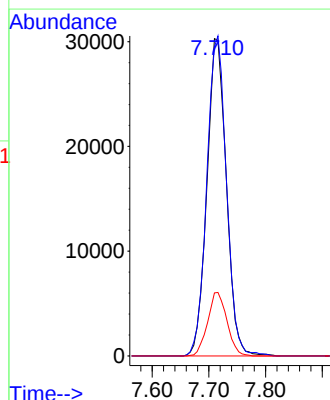
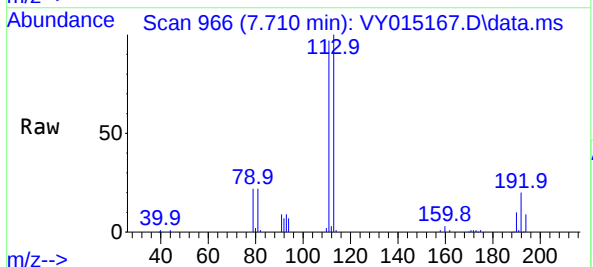
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.4
88	15.3	0.0	30.6

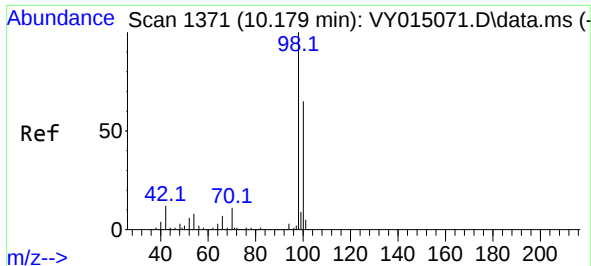


#35
Dibromofluoromethane
Concen: 50.359 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015167.D
Acq: 17 Aug 2023 13:18

Tgt Ion:113 Resp: 72309

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.3	121.9
192	19.9	16.9	25.3

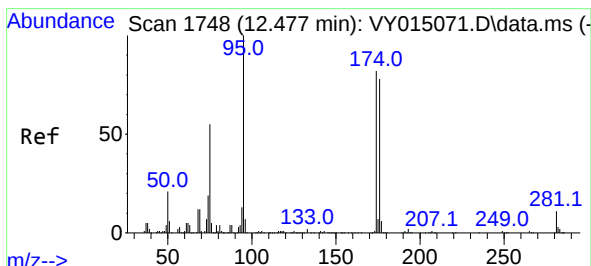
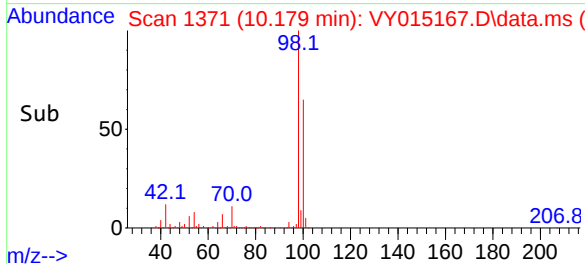
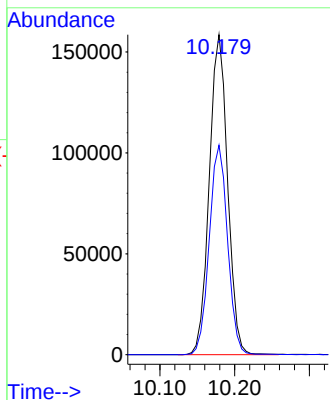
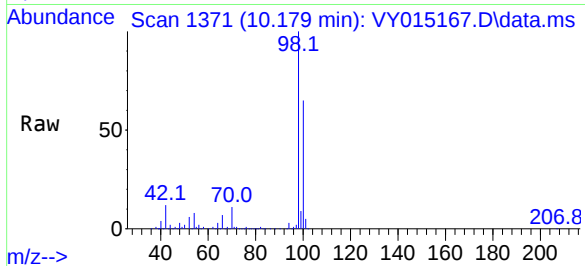




#50
Toluene-d8
Concen: 50.481 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015167.D
Acq: 17 Aug 2023 13:18

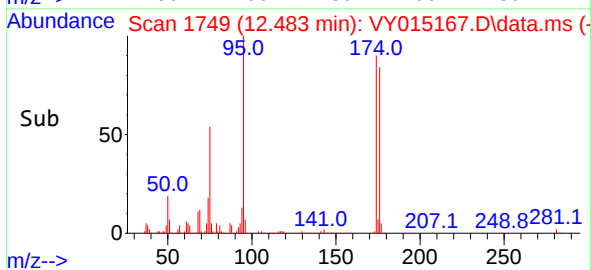
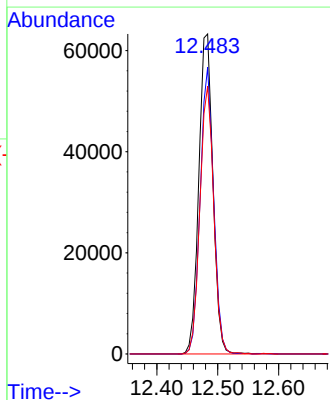
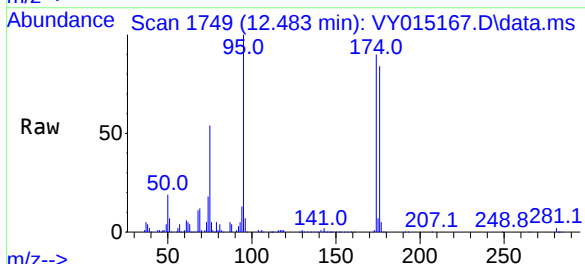
Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB03-Z96-98

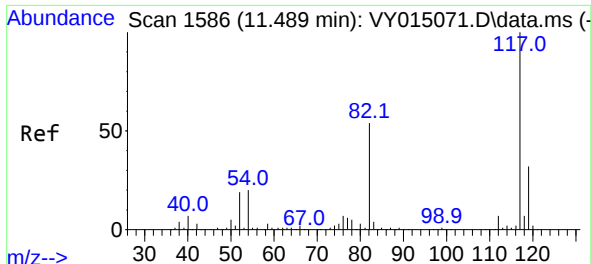
Tgt Ion: 98 Resp: 269830
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.221 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015167.D
Acq: 17 Aug 2023 13:18

Tgt Ion: 95 Resp: 101952
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 81.8 0.0 173.8

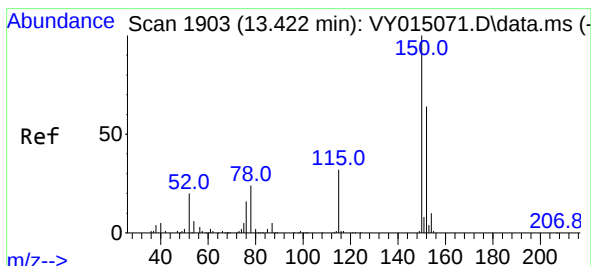
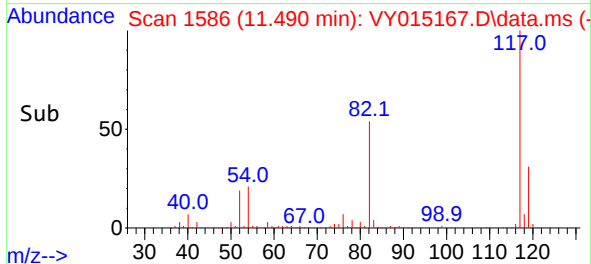
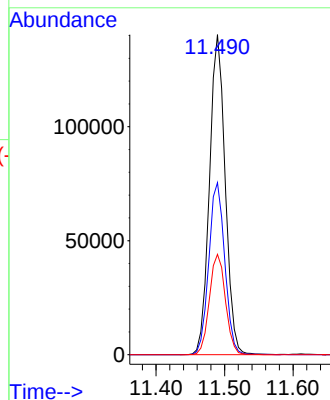
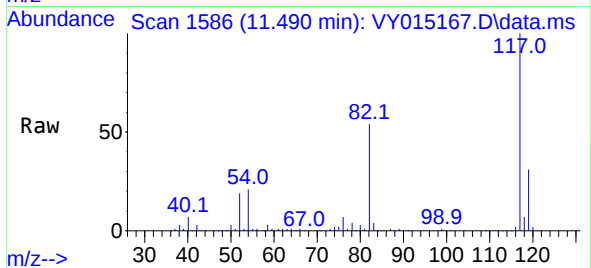




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015167.D
Acq: 17 Aug 2023 13:18

Instrument :
MSVOA_Y
ClientSampleId :
NEVINS-SB03-Z96-98

Tgt Ion:117 Resp: 224361
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 31.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015167.D
Acq: 17 Aug 2023 13:18

Tgt Ion:152 Resp: 114295
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 156.4 0.0 348.8

