

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080123\
 Data File : VY014925.D
 Acq On : 01 Aug 2023 13:10
 Operator : SY/MD
 Sample : 03756-21
 Misc : 4.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 415/417-TP-1-(3-4)

Quant Time: Aug 02 01:55:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

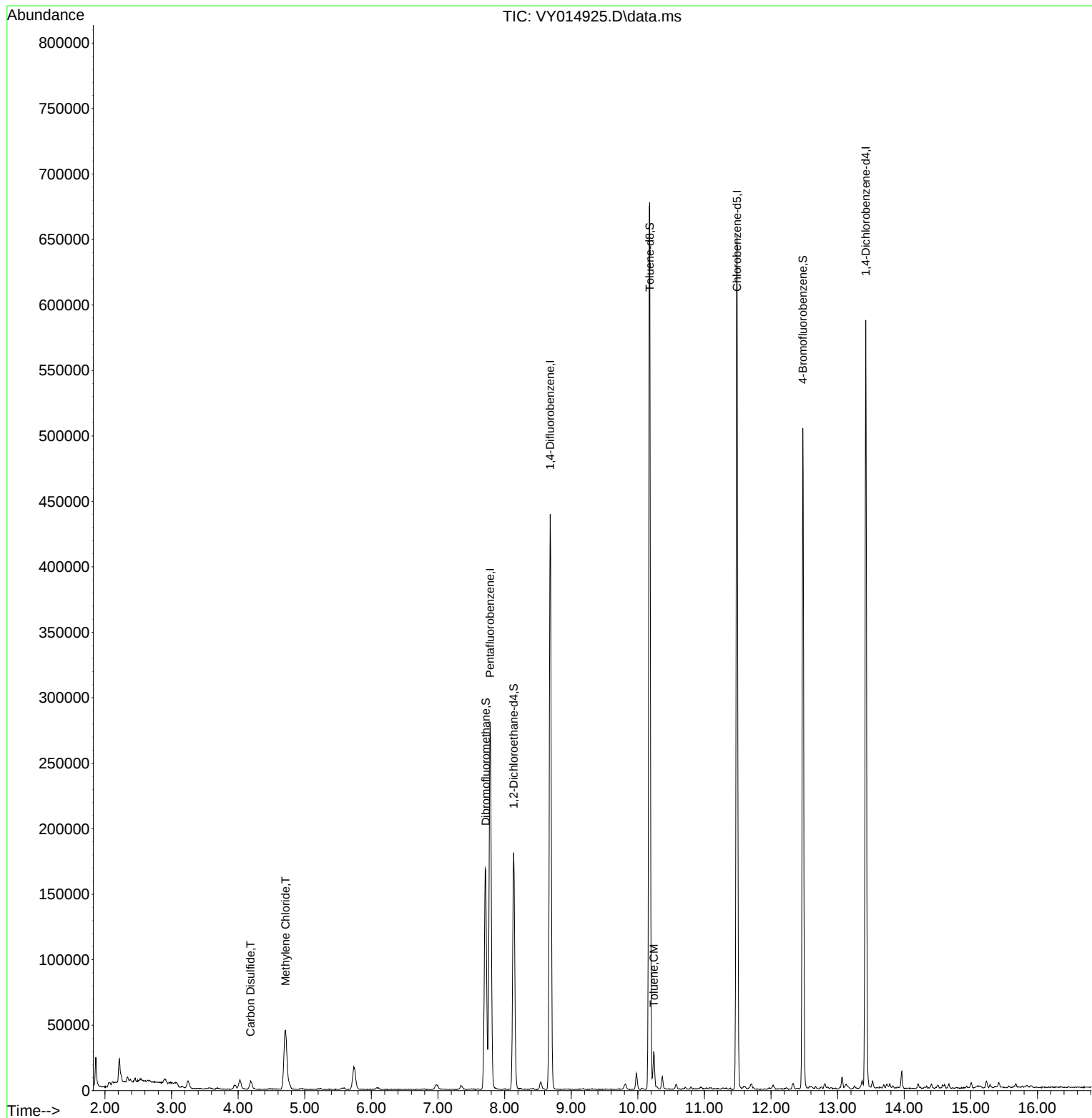
Internal Standards						
1) Pentafluorobenzene	7.783	168	219183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	379528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	352633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145943	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	141846	56.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.580%	
35) Dibromofluoromethane	7.716	113	120909	50.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.100%	
50) Toluene-d8	10.179	98	455022	51.085	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.160%	
62) 4-Bromofluorobenzene	12.477	95	153910	45.064	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.120%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.186	76	11908	1.927	ug/l	96
20) Methylene Chloride	4.710	84	36141	10.740	ug/l #	83
52) Toluene	10.240	92	11496	1.748	ug/l	88

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

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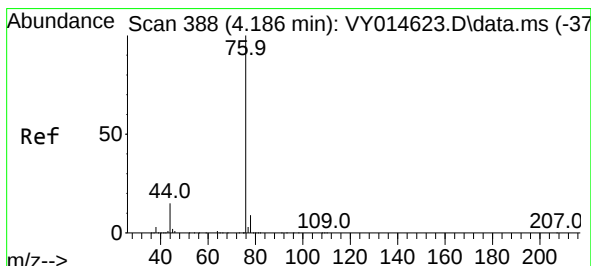
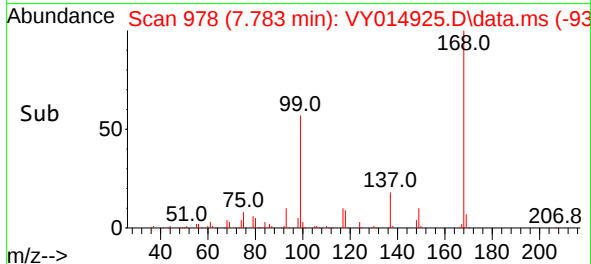
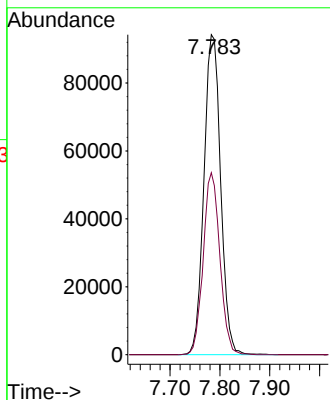
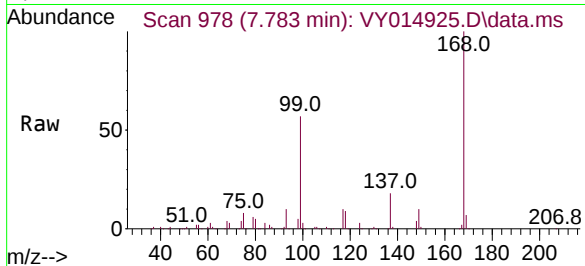




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014925.D
Acq: 01 Aug 2023 13:10

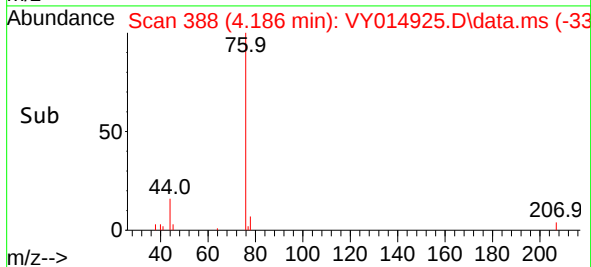
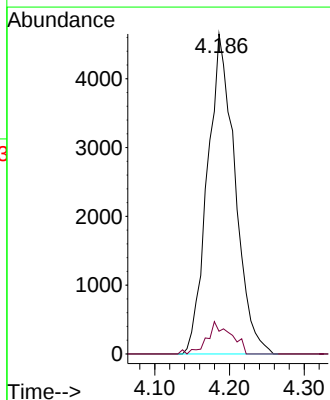
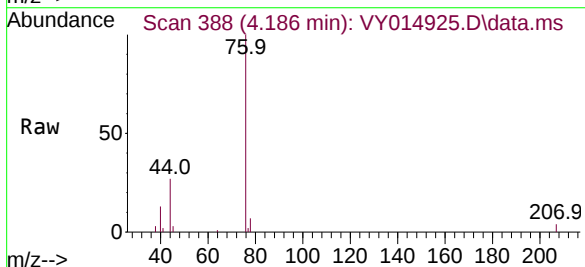
Instrument :
MSVOA_Y
ClientSampleId :
415/417-TP-1-(3-4)

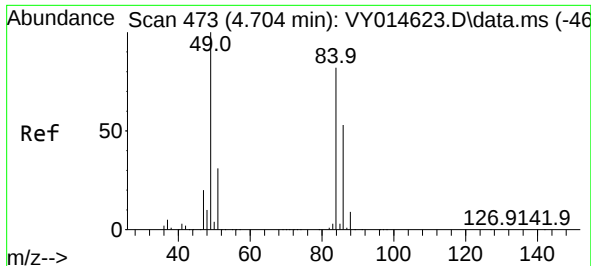
Tgt Ion:168 Resp: 219183
Ion Ratio Lower Upper
168 100
99 56.9 43.4 65.0



#17
Carbon Disulfide
Concen: 1.927 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY014925.D
Acq: 01 Aug 2023 13:10

Tgt Ion: 76 Resp: 11908
Ion Ratio Lower Upper
76 100
78 7.1 7.0 10.4

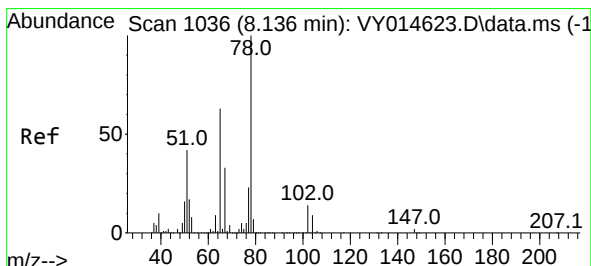
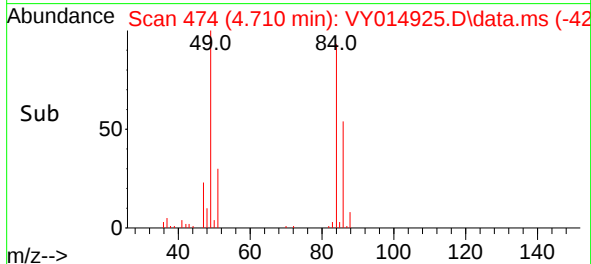
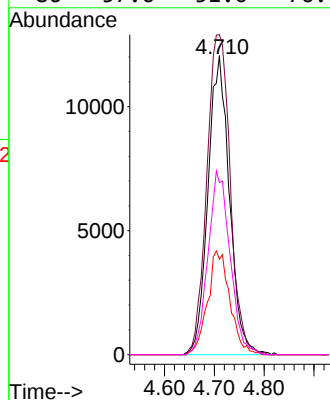
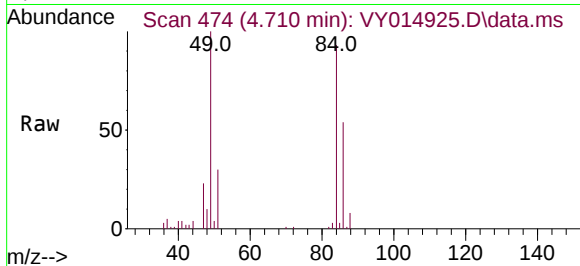




#20
Methylene Chloride
Concen: 10.740 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014925.D
Acq: 01 Aug 2023 13:10

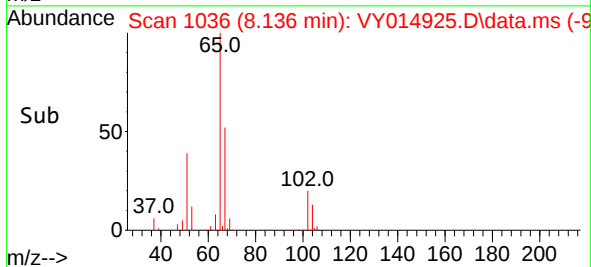
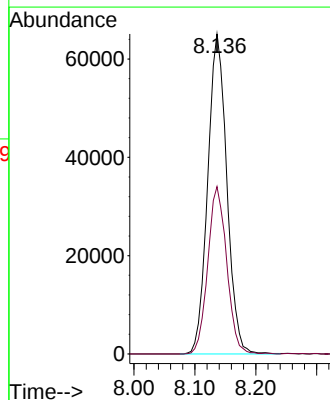
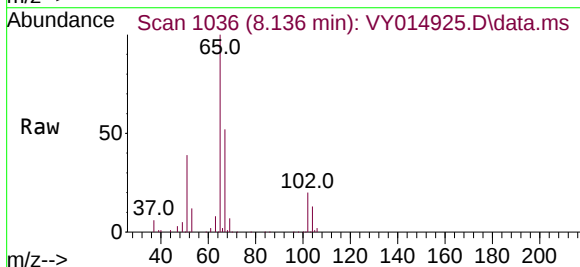
Instrument :
MSVOA_Y
ClientSampleId :
415/417-TP-1-(3-4)

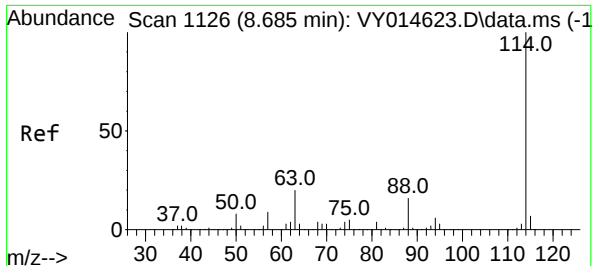
Tgt Ion: 84 Resp: 36141
Ion Ratio Lower Upper
84 100
49 107.0 106.9 160.3
51 31.9 33.2 49.8#
86 57.6 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 56.791 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014925.D
Acq: 01 Aug 2023 13:10

Tgt Ion: 65 Resp: 141846
Ion Ratio Lower Upper
65 100
67 51.7 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: VY014925.D

Acq: 01 Aug 2023 13:10

Instrument :

MSVOA_Y

ClientSampleId :

415/417-TP-1-(3-4)

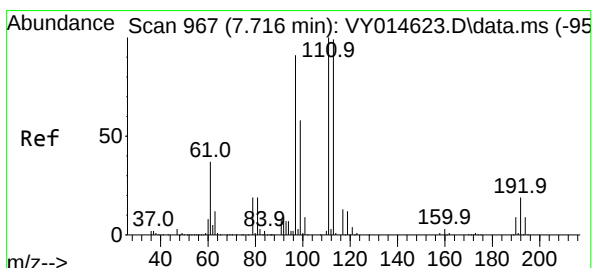
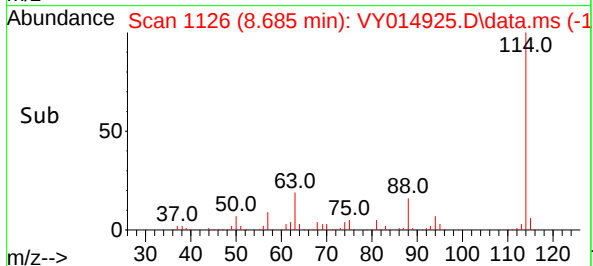
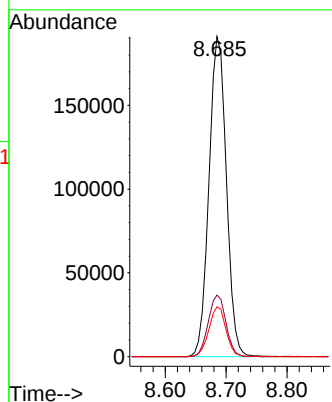
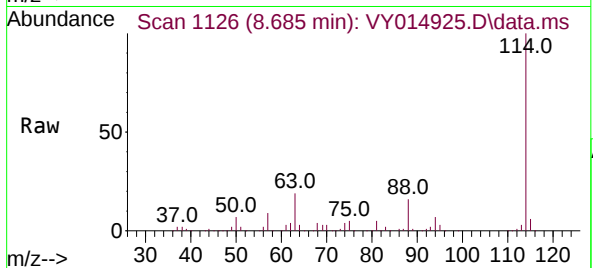
Tgt Ion:114 Resp: 379528

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.045 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014925.D

Acq: 01 Aug 2023 13:10

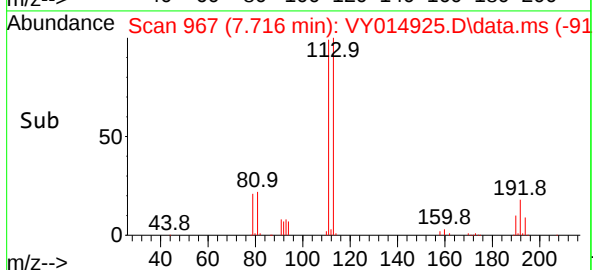
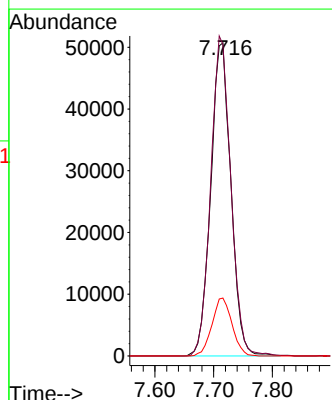
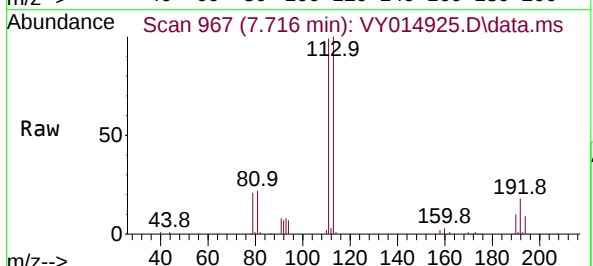
Tgt Ion:113 Resp: 120909

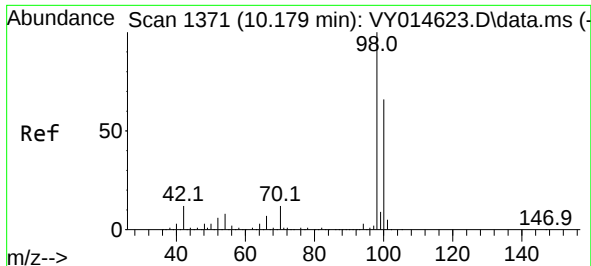
Ion Ratio Lower Upper

113 100

111 101.8 81.3 121.9

192 18.4 16.9 25.3

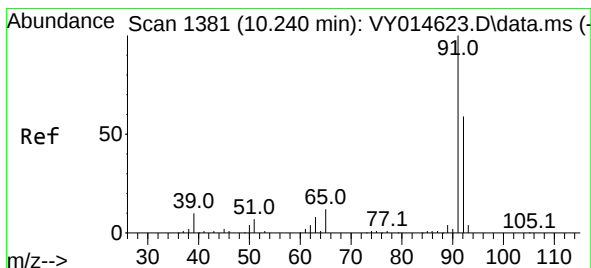
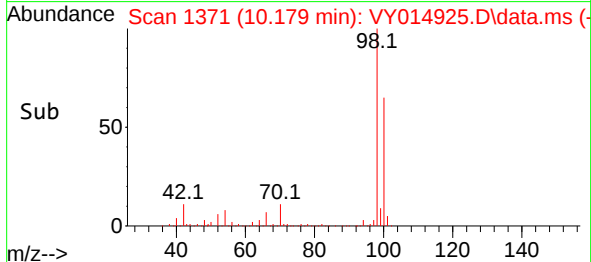
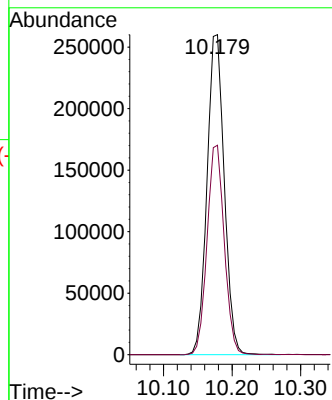
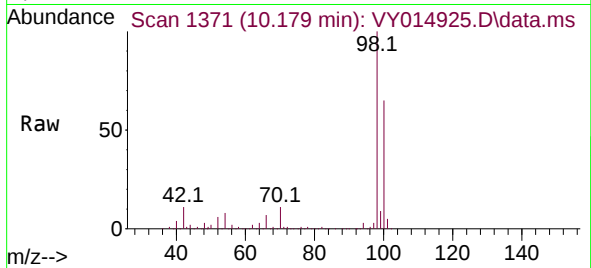




#50
Toluene-d8
Concen: 51.085 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014925.D
Acq: 01 Aug 2023 13:10

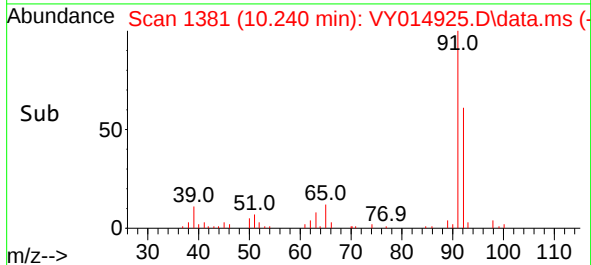
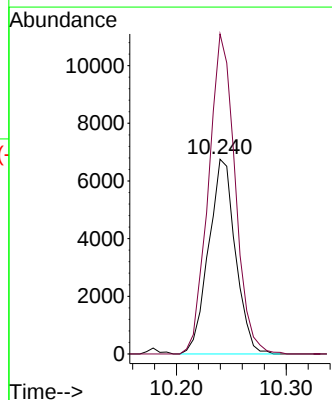
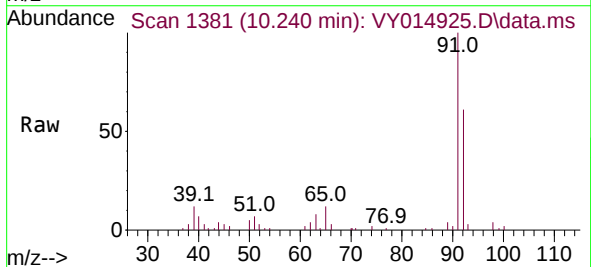
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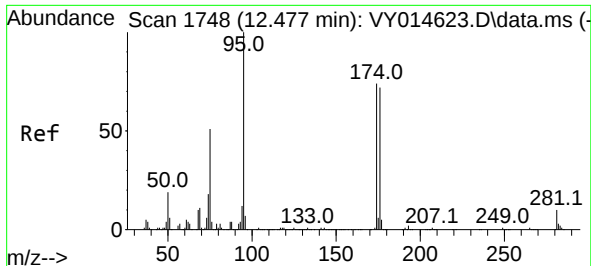
Tgt Ion: 98 Resp: 455022
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#52
Toluene
Concen: 1.748 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014925.D
Acq: 01 Aug 2023 13:10

Tgt Ion: 92 Resp: 11496
Ion Ratio Lower Upper
92 100
91 163.2 143.8 215.6

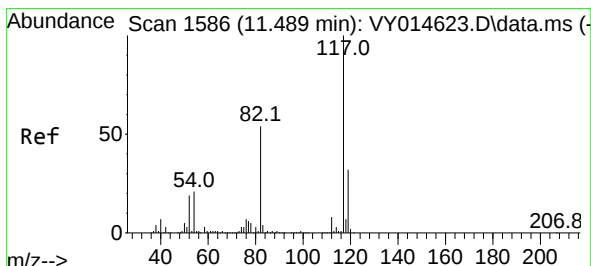
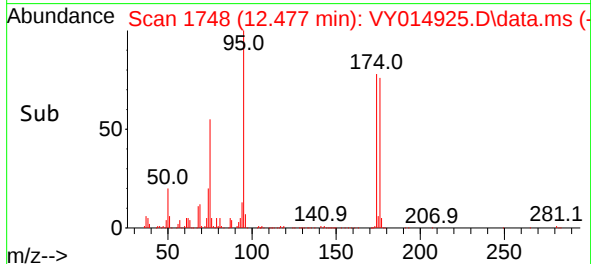
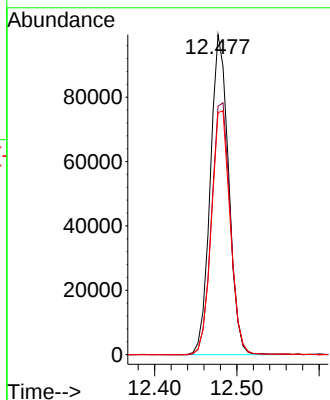
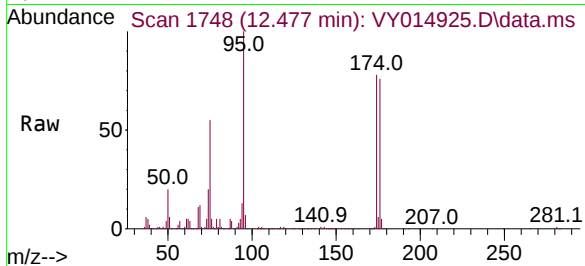




#62
4-Bromofluorobenzene
Concen: 45.064 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014925.D
Acq: 01 Aug 2023 13:10

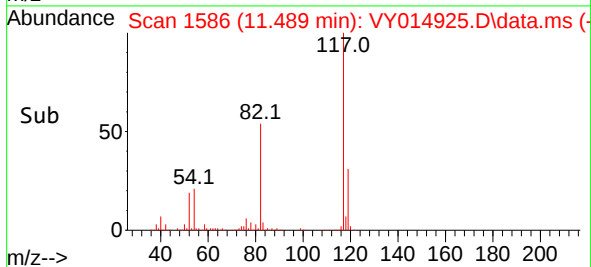
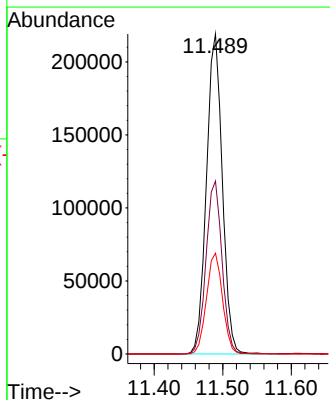
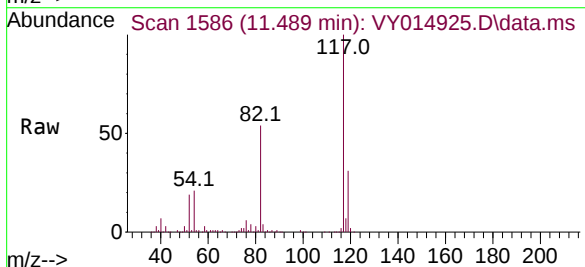
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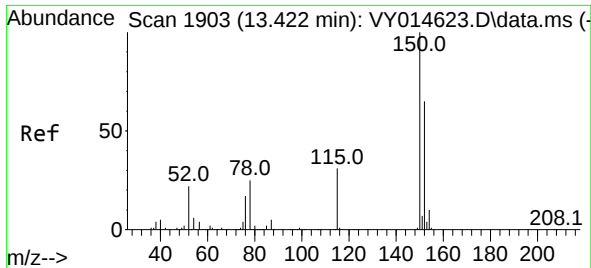
Tgt Ion: 95 Resp: 153910
Ion Ratio Lower Upper
95 100
174 81.0 0.0 178.2
176 78.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014925.D
Acq: 01 Aug 2023 13:10

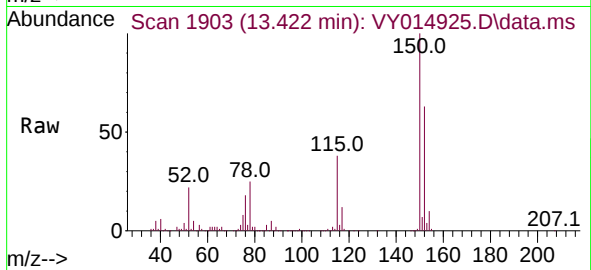
Tgt Ion: 117 Resp: 352633
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 31.5 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY014925.D
 Acq: 01 Aug 2023 13:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 415/417-TP-1-(3-4)



Tgt Ion:152 Resp: 145943
 Ion Ratio Lower Upper
 152 100
 115 58.8 28.8 86.5
 150 157.0 0.0 348.8

