

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014904.D
 Acq On : 28 Jul 2023 13:19
 Operator : SY/MD
 Sample : 03756-23
 Misc : 4.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 29 03:03:58 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)

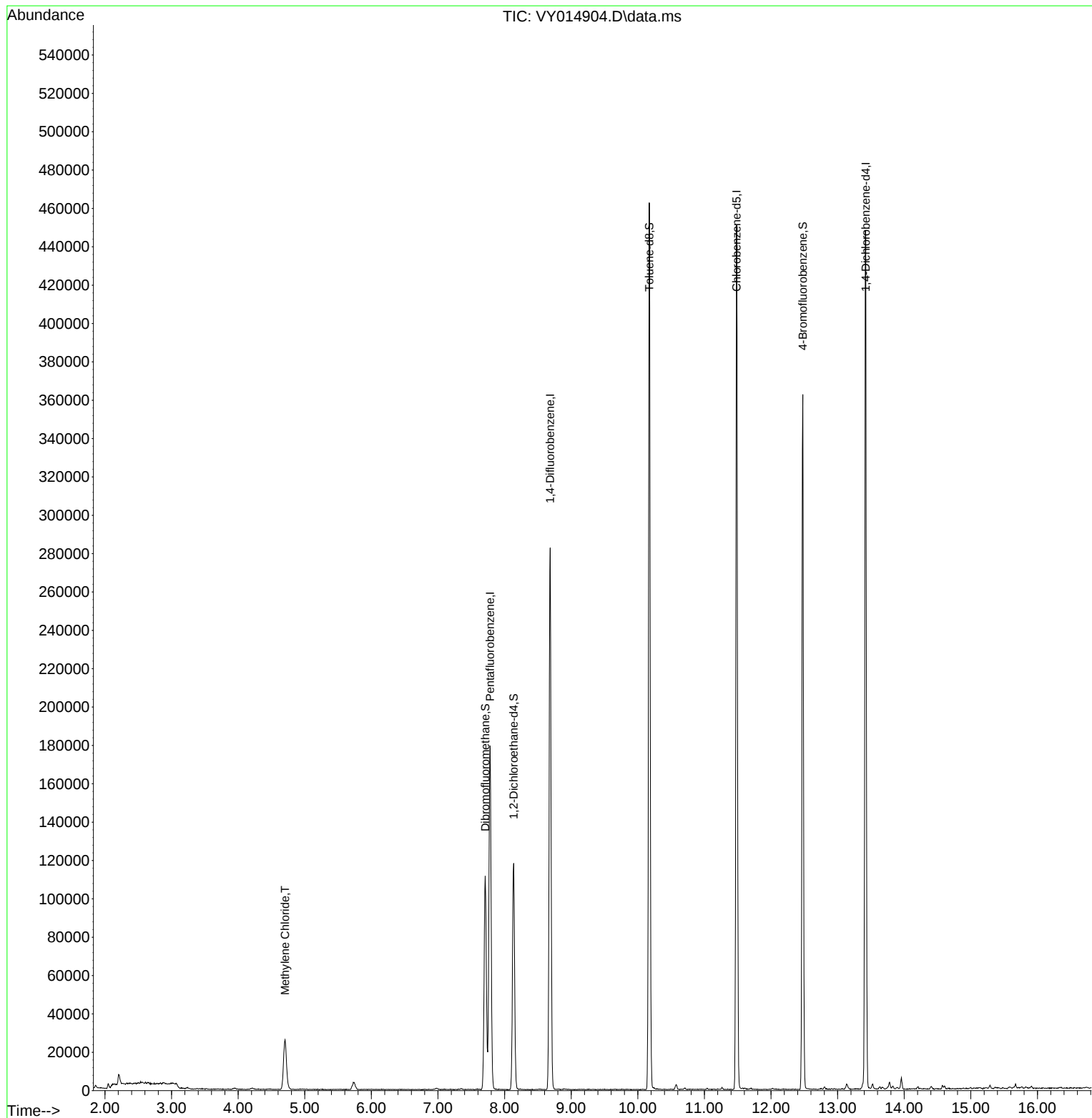
Internal Standards						
1) Pentafluorobenzene	7.783	168	138617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	243586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	239896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91723	58.067	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.140%	
35) Dibromofluoromethane	7.710	113	78192	50.427	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.860%	
50) Toluene-d8	10.173	98	293011	51.255	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.500%	
62) 4-Bromofluorobenzene	12.477	95	109546	49.975	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.940%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	20487	9.149	ug/l	93

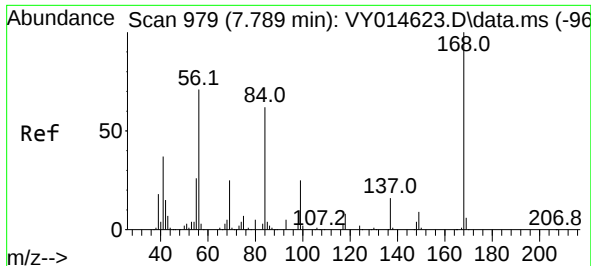
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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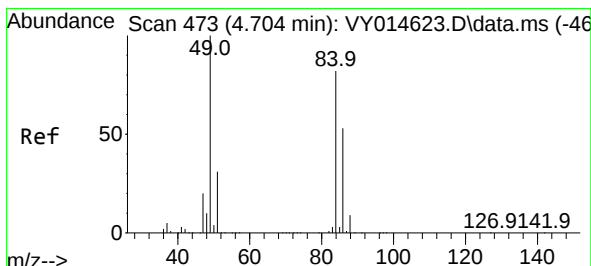
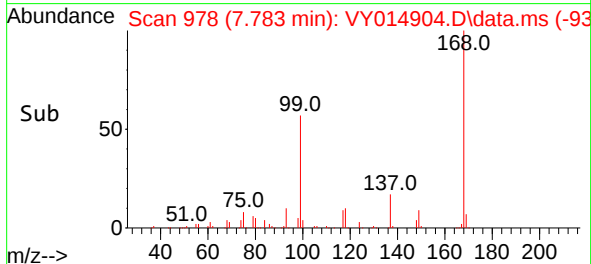
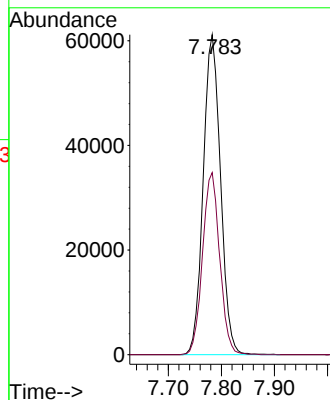
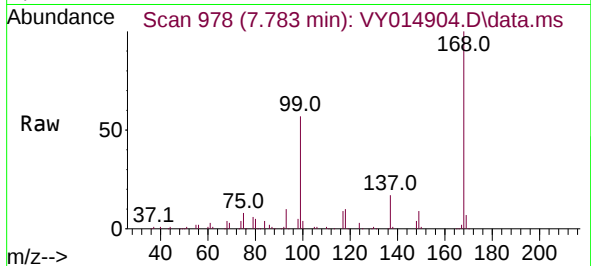




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014904.D
Acq: 28 Jul 2023 13:19

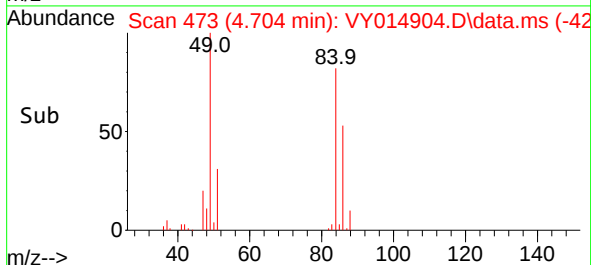
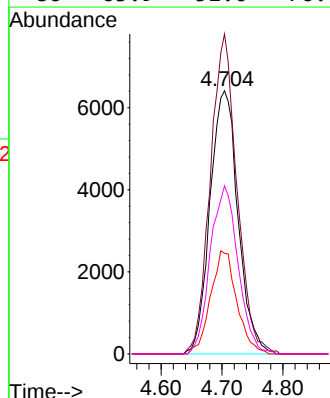
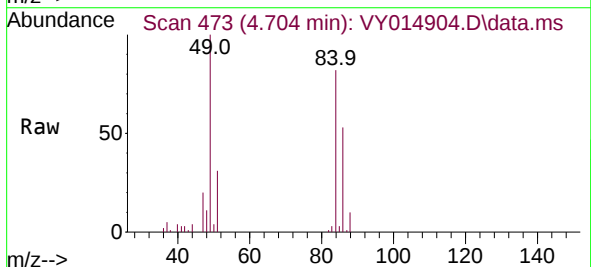
Instrument :
MSVOA_Y
ClientSampleId :
415/417-TP-4-(3-4)

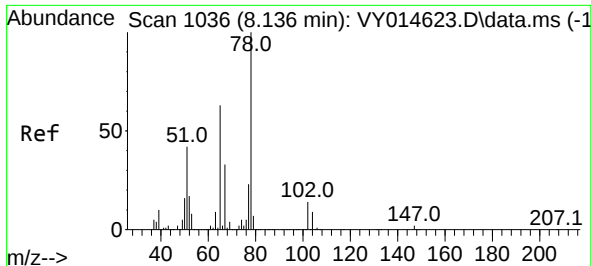
Tgt Ion:168 Resp: 138617
Ion Ratio Lower Upper
168 100
99 56.9 43.4 65.0



#20
Methylene Chloride
Concen: 9.149 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY014904.D
Acq: 28 Jul 2023 13:19

Tgt Ion: 84 Resp: 20487
Ion Ratio Lower Upper
84 100
49 121.6 106.9 160.3
51 38.3 33.2 49.8
86 63.9 51.0 76.6

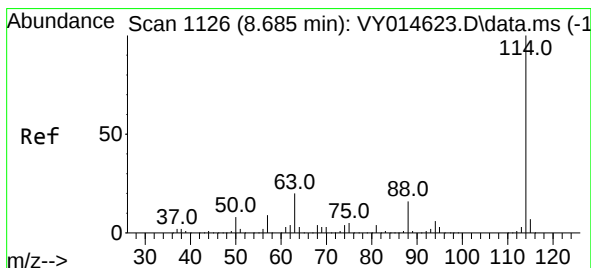
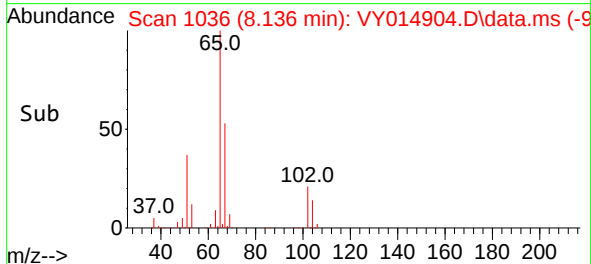
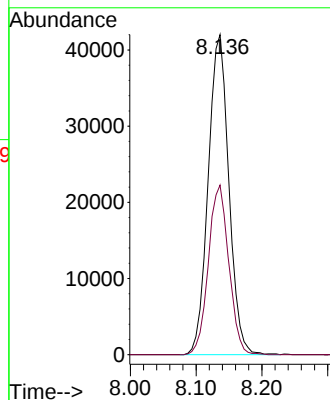
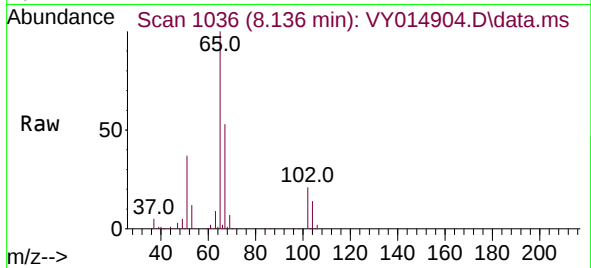




#33
 1,2-Dichloroethane-d4
 Concen: 58.067 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY014904.D
 Acq: 28 Jul 2023 13:19

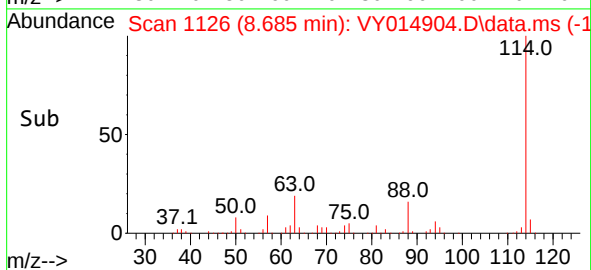
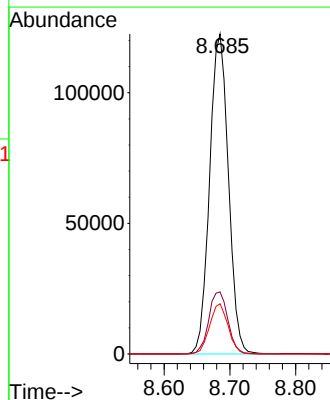
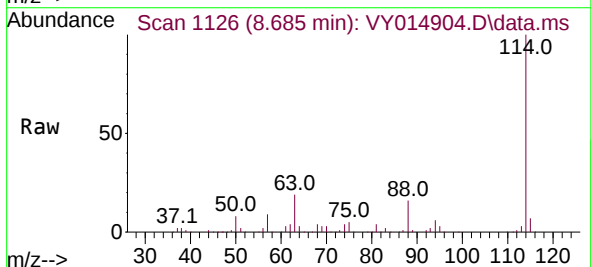
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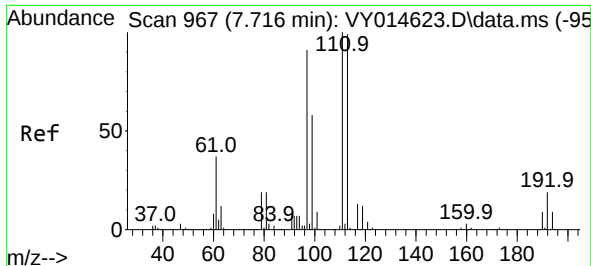
Tgt Ion: 65 Resp: 91723
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY014904.D
 Acq: 28 Jul 2023 13:19

Tgt Ion: 114 Resp: 243586
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 15.7 0.0 30.6

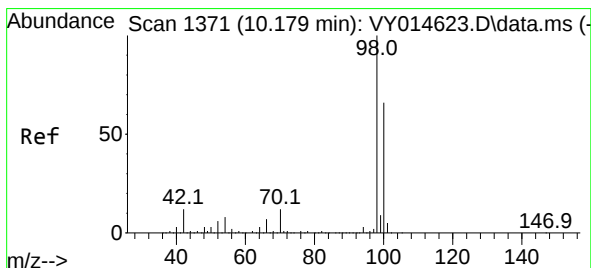
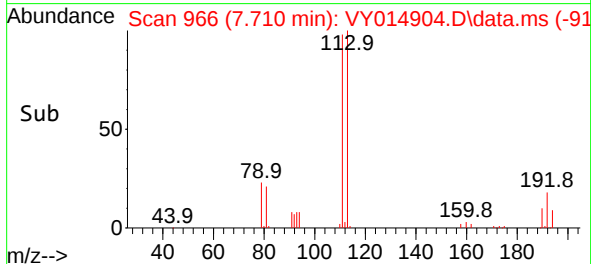
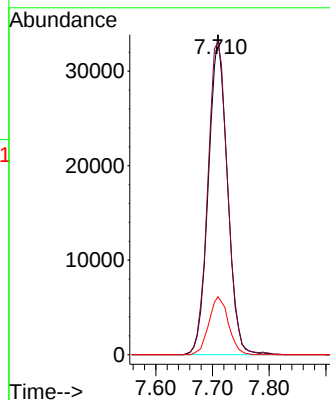
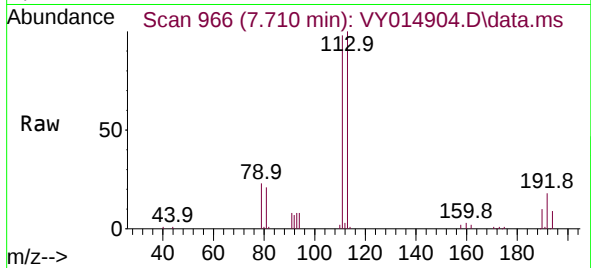




#35
Dibromofluoromethane
Concen: 50.427 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014904.D
Acq: 28 Jul 2023 13:19

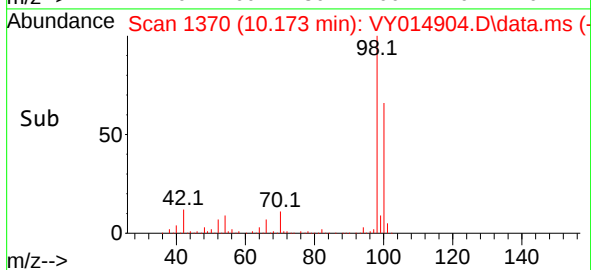
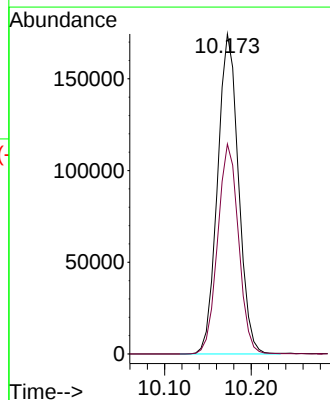
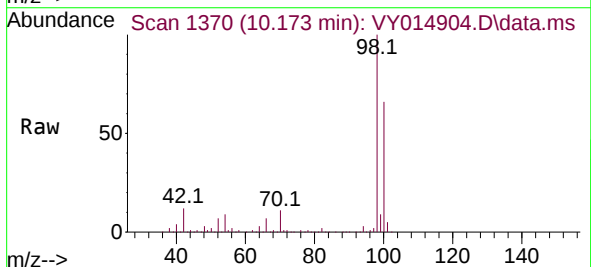
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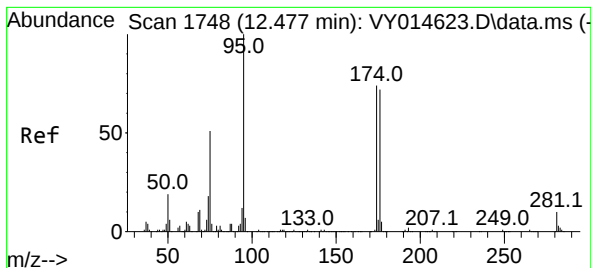
Tgt Ion:113 Resp: 78192
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 18.7 16.9 25.3



#50
Toluene-d8
Concen: 51.255 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY014904.D
Acq: 28 Jul 2023 13:19

Tgt Ion: 98 Resp: 293011
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

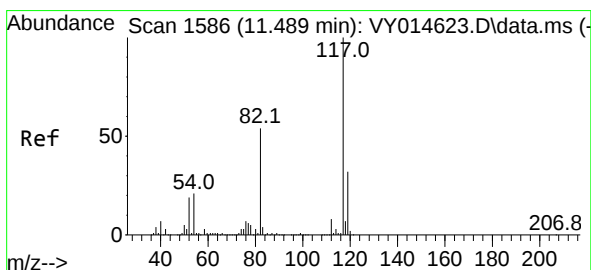
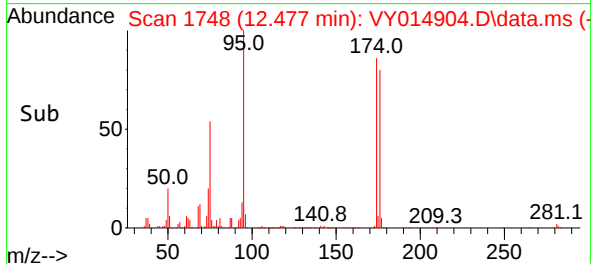
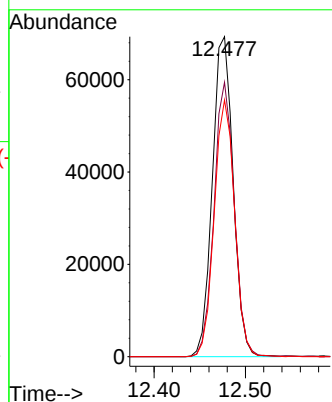
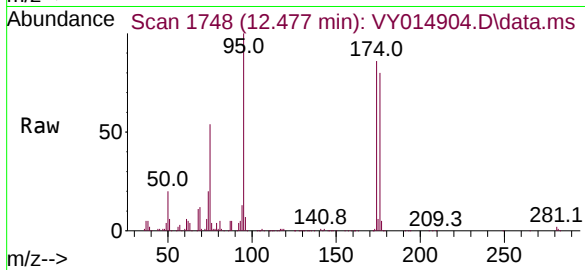




#62
4-Bromofluorobenzene
Concen: 49.975 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014904.D
Acq: 28 Jul 2023 13:19

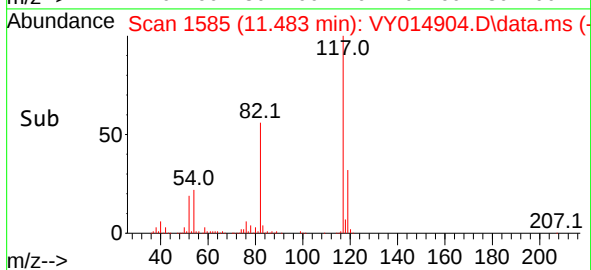
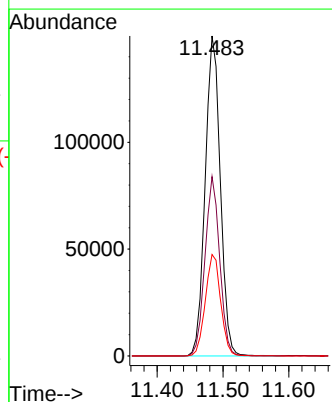
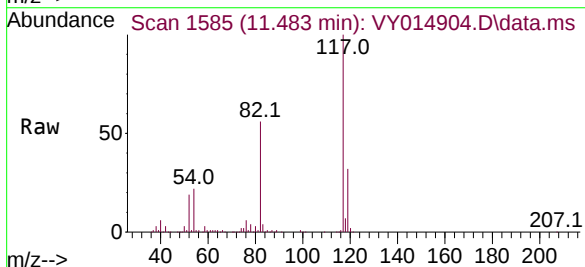
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415/417-TP-4-(3-4)

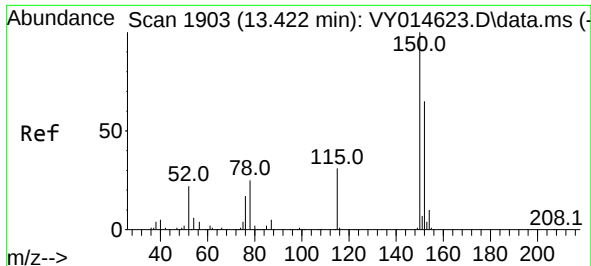
Tgt Ion: 95 Resp: 109546
Ion Ratio Lower Upper
95 100
174 83.3 0.0 178.2
176 78.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY014904.D
Acq: 28 Jul 2023 13:19

Tgt Ion: 117 Resp: 239896
Ion Ratio Lower Upper
117 100
82 56.0 43.4 65.0
119 31.7 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: VY014904.D

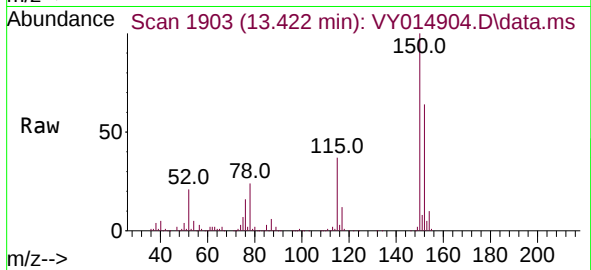
Acq: 28 Jul 2023 13:19

Instrument :

MSVOA_Y

ClientSampleId :

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



Tgt Ion:152 Resp: 115934

Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 156.1 0.0 348.8

