

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014120.D
 Acq On : 12 Jun 2023 15:09
 Operator : KP/MD
 Sample : 03109-03
 Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1-GRAB

Quant Time: Jun 13 05:42:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

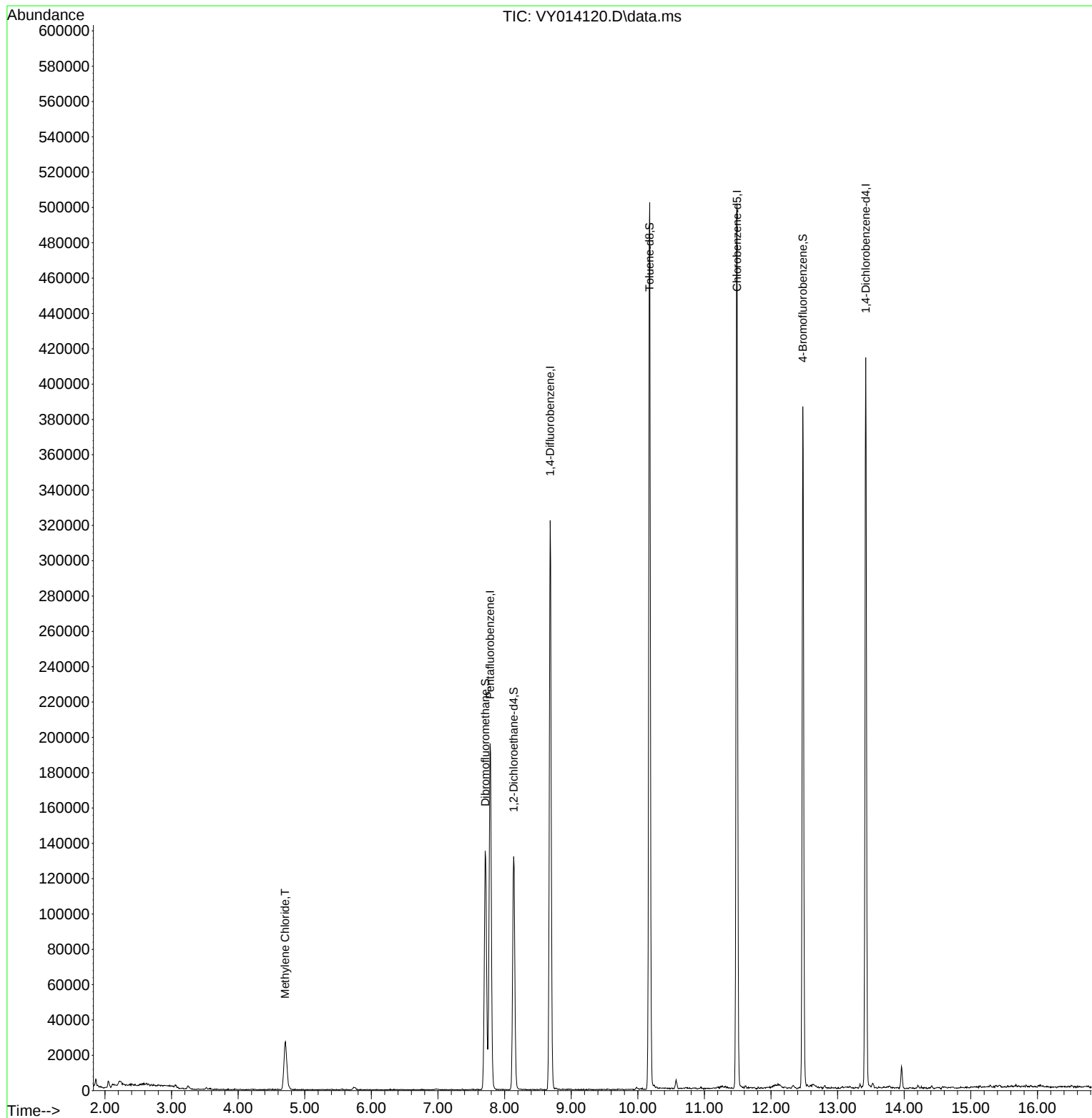
Internal Standards						
1) Pentafluorobenzene	7.783	168	156118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	265485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	269293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113249	52.093	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.180%
35) Dibromofluoromethane	7.710	113	91686	48.698	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.400%
50) Toluene-d8	10.179	98	326275	46.353	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.700%
62) 4-Bromofluorobenzene	12.477	95	108401	43.353	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.700%
Target Compounds						
20) Methylene Chloride	4.704	84	19842	6.355	ug/l	Qvalue 90

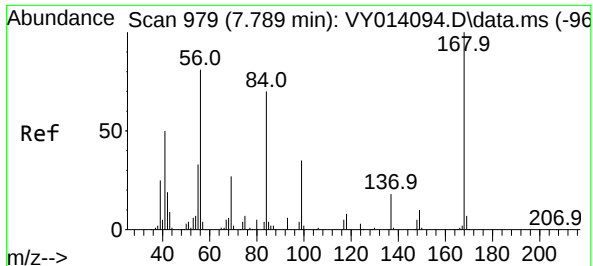
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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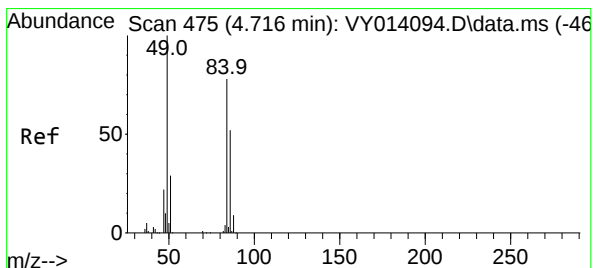
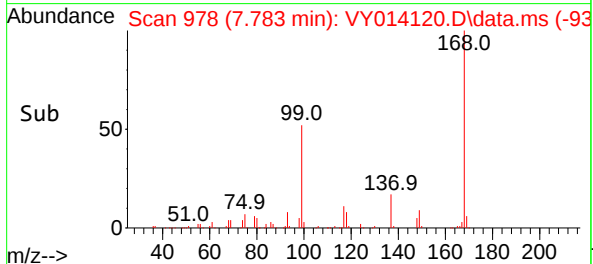
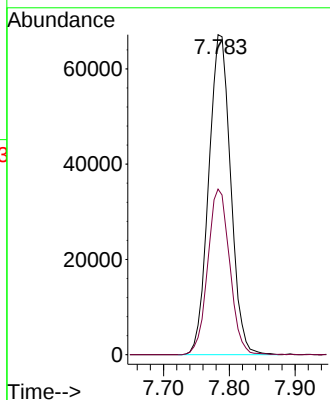
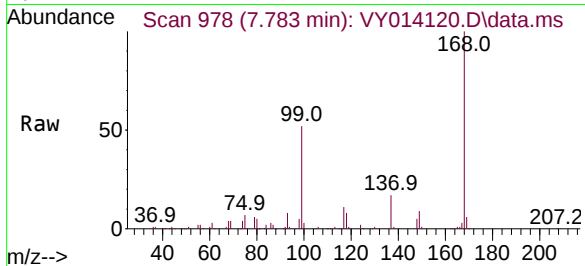




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014120.D
Acq: 12 Jun 2023 15:09

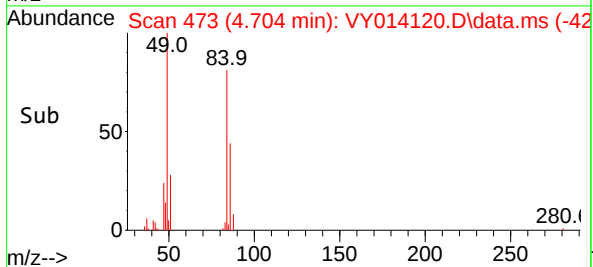
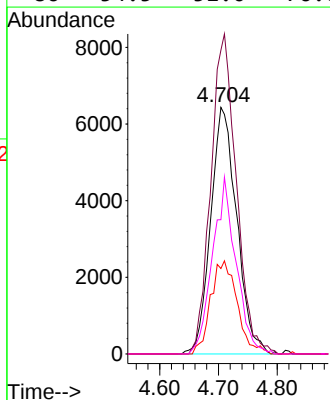
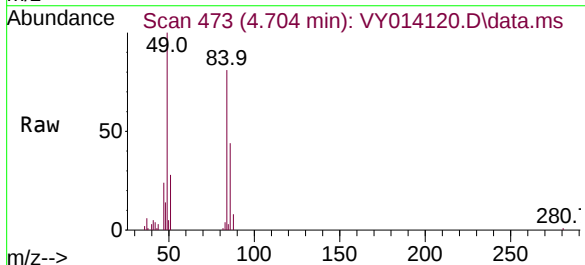
Instrument :
MSVOA_Y
ClientSampleId :
SP-1-GRAB

Tgt Ion:168 Resp: 156118
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#20
Methylene Chloride
Concen: 6.355 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY014120.D
Acq: 12 Jun 2023 15:09

Tgt Ion: 84 Resp: 19842
Ion Ratio Lower Upper
84 100
49 123.2 106.9 160.3
51 34.6 33.2 49.8
86 54.5 51.0 76.6

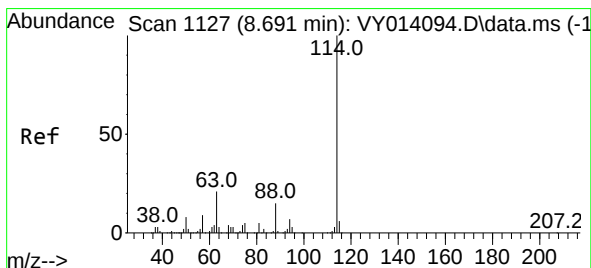
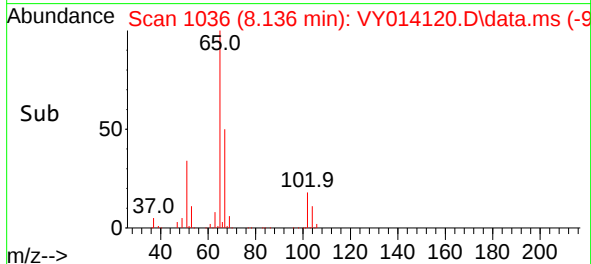
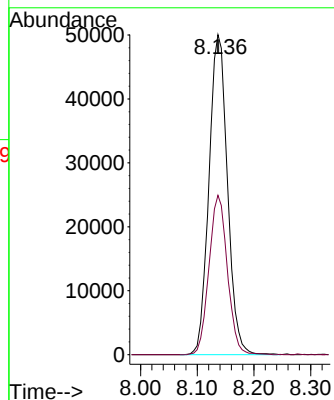
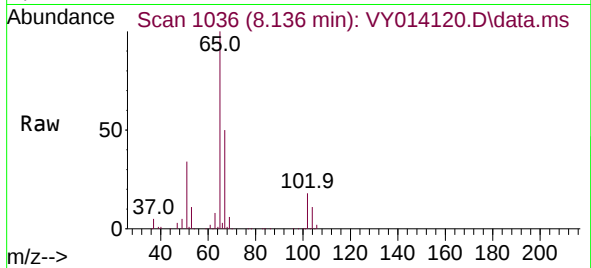




#33
1,2-Dichloroethane-d4
Concen: 52.093 ug/l
RT: 8.136 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VY014120.D
Acq: 12 Jun 2023 15:09

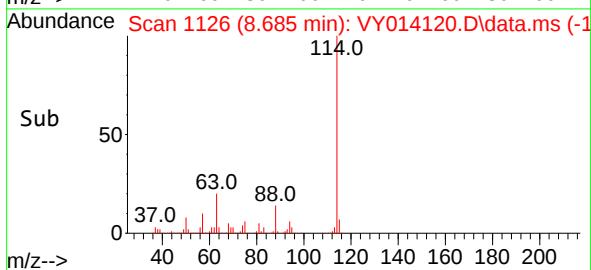
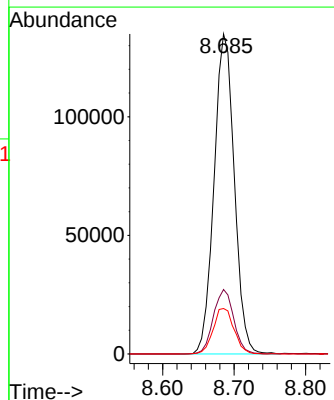
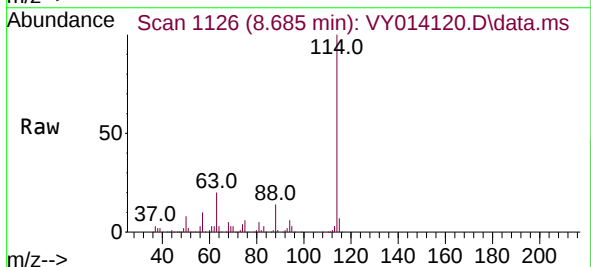
Instrument :
MSVOA_Y
ClientSampleId :
SP-1-GRAB

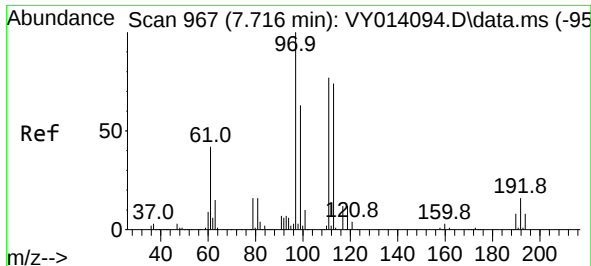
Tgt Ion: 65 Resp: 113249
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014120.D
Acq: 12 Jun 2023 15:09

Tgt Ion:114 Resp: 265485
Ion Ratio Lower Upper
114 100
63 20.2 0.0 42.4
88 14.2 0.0 30.6

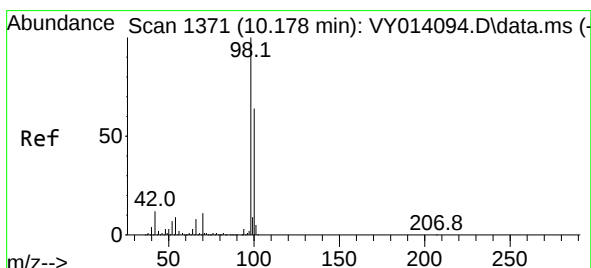
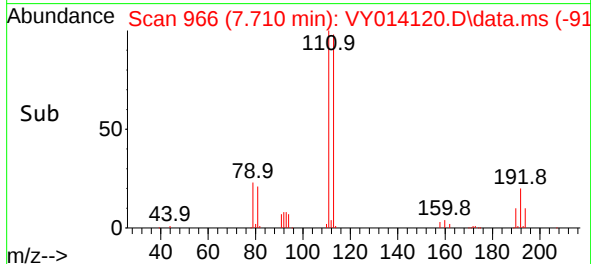
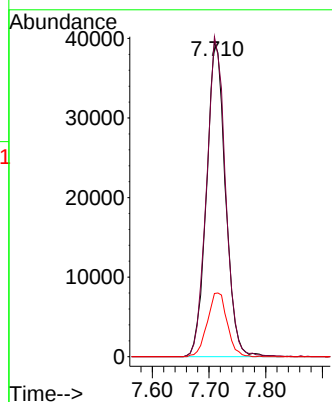
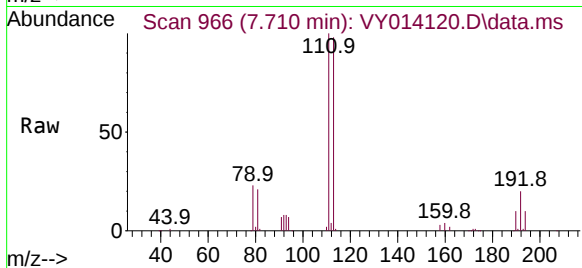




#35
Dibromofluoromethane
Concen: 48.698 ug/l
RT: 7.710 min Scan# 916
Delta R.T. -0.006 min
Lab File: VY014120.D
Acq: 12 Jun 2023 15:09

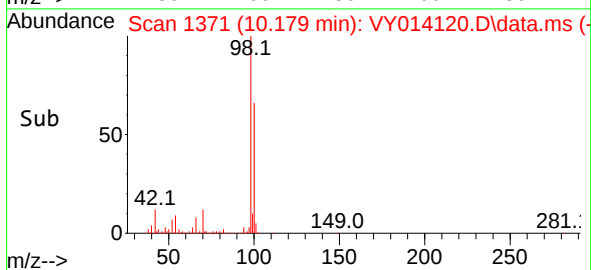
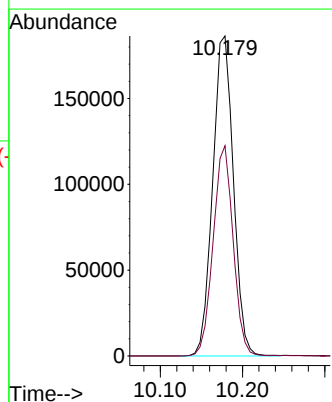
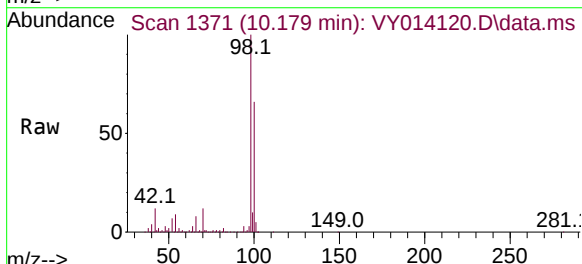
Instrument :
MSVOA_Y
ClientSampleId :
SP-1-GRAB

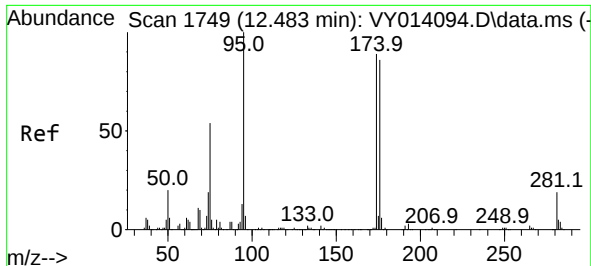
Tgt Ion:113 Resp: 91686
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 21.2 16.9 25.3



#50
Toluene-d8
Concen: 46.353 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014120.D
Acq: 12 Jun 2023 15:09

Tgt Ion: 98 Resp: 326275
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1

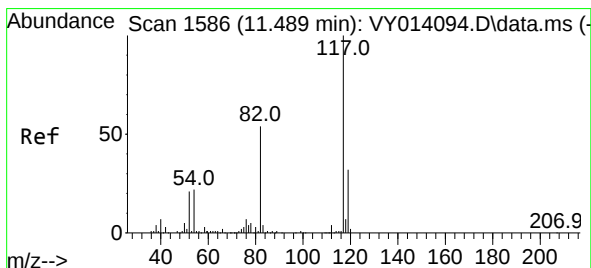
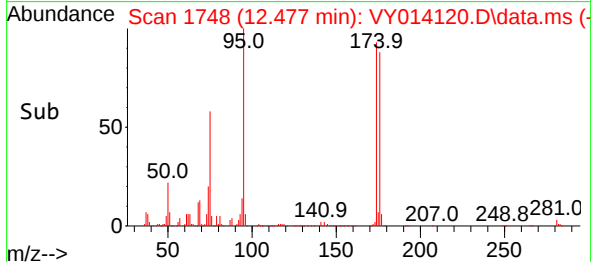
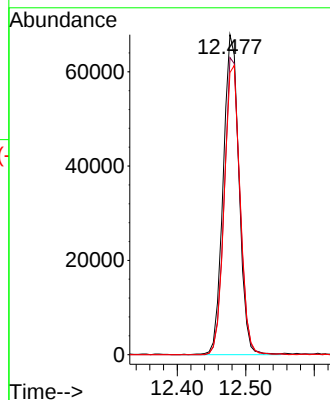
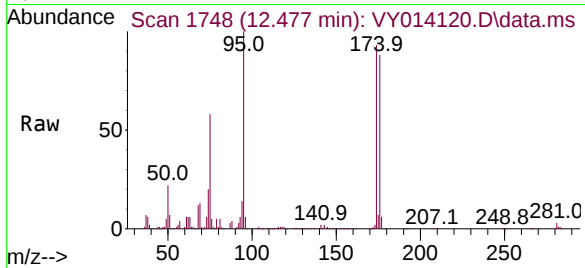




#62
4-Bromofluorobenzene
Concen: 43.353 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014120.D
Acq: 12 Jun 2023 15:09

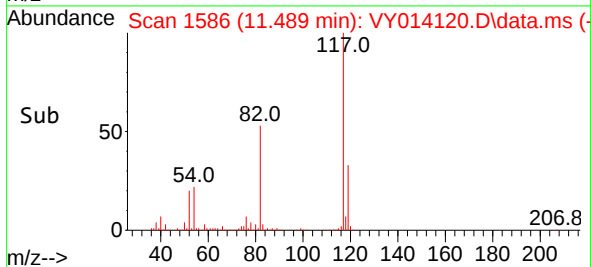
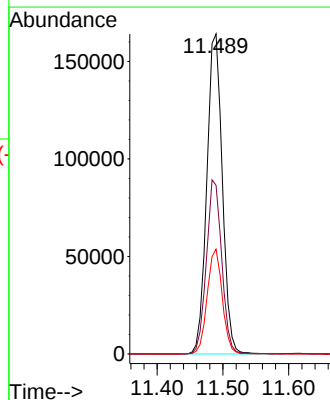
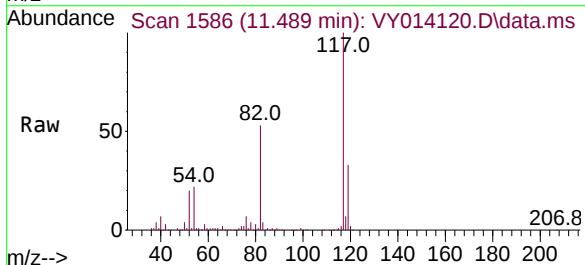
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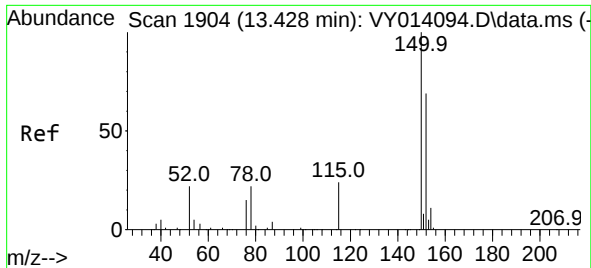
Tgt Ion: 95 Resp: 108401
Ion Ratio Lower Upper
95 100
174 91.4 0.0 178.2
176 90.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014120.D
Acq: 12 Jun 2023 15:09

Tgt Ion: 117 Resp: 269293
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 32.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014120.D

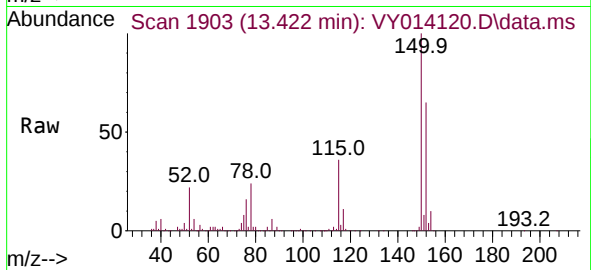
Acq: 12 Jun 2023 15:09

Instrument :

MSVOA_Y

ClientSampleId :

SP-1-GRAB



Tgt Ion:152 Resp: 108724

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 157.2 0.0 348.8

