

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013943.D
 Acq On : 31 May 2023 18:09
 Operator : KP/MD
 Sample : 02852-10
 Misc : 6.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-32-G3-SO-50.5-051823-FD

Quant Time: Jun 01 03:31:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

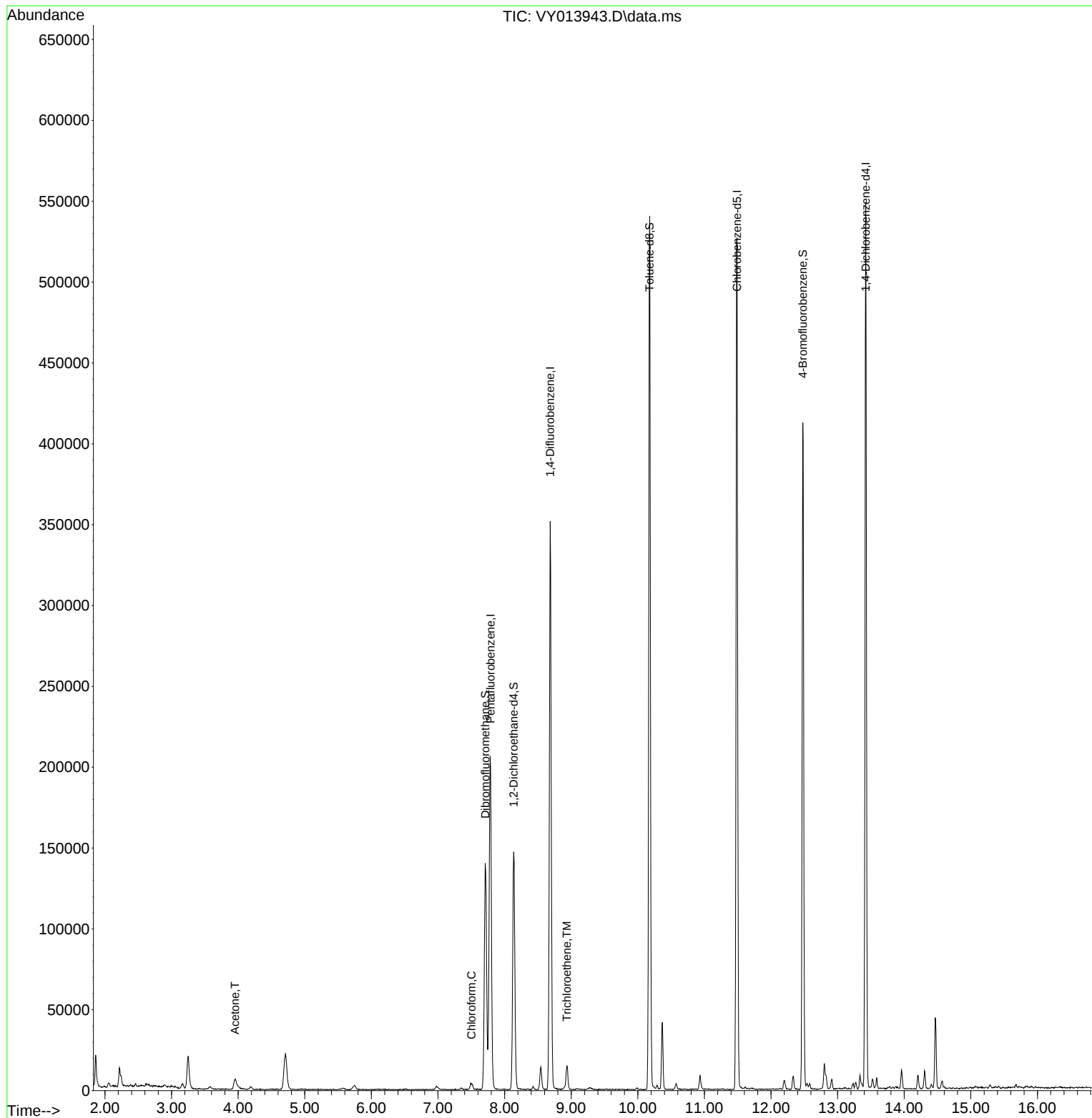
Internal Standards						
1) Pentafluorobenzene	7.789	168	163459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284315	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	285528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	122172	64.605	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.220%	
35) Dibromofluoromethane	7.710	113	94833	51.649	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.300%	
50) Toluene-d8	10.179	98	349184	50.037	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.080%	
62) 4-Bromofluorobenzene	12.477	95	117193	50.522	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.040%	
Target Compounds						
						Qvalue
16) Acetone	3.954	43	14430	25.710	ug/l	94
30) Chloroform	7.502	83	4219	1.265	ug/l	86
44) Trichloroethene	8.935	130	5348	2.471	ug/l	73

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

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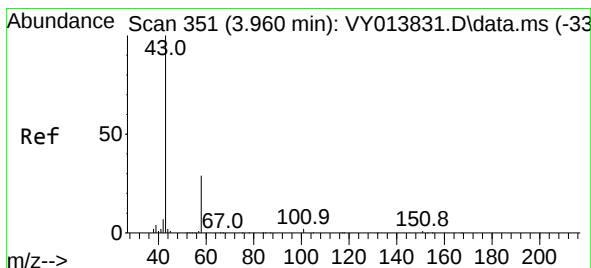
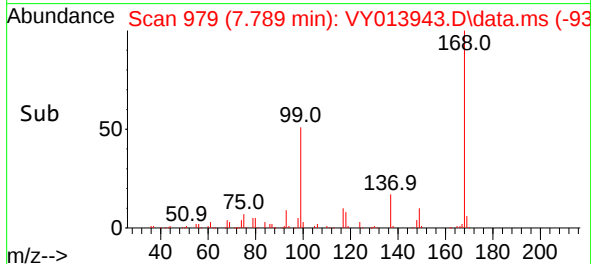
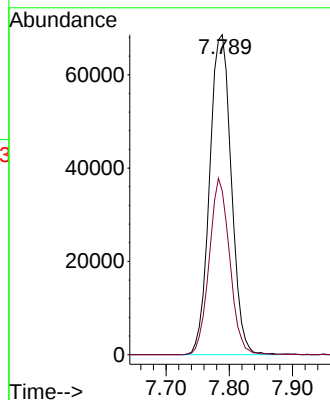
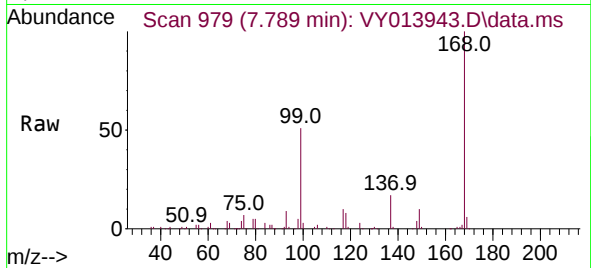




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013943.D
Acq: 31 May 2023 18:09

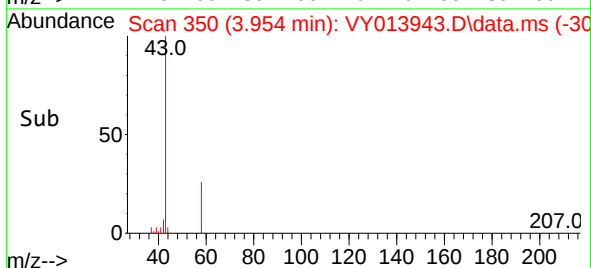
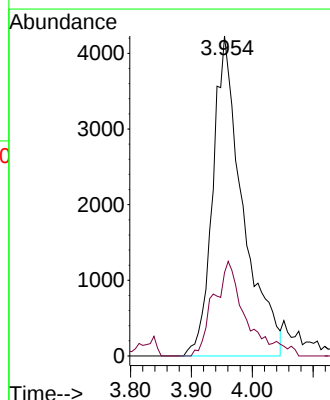
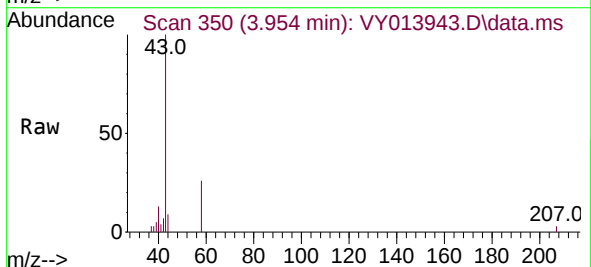
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

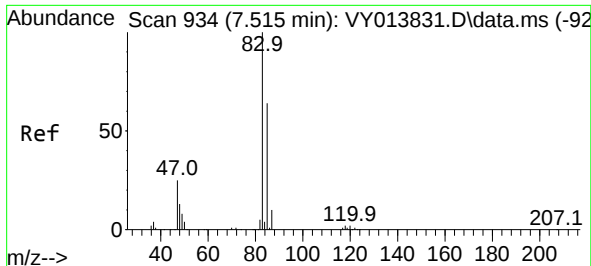
Tgt Ion:168 Resp: 163459
Ion Ratio Lower Upper
168 100
99 51.1 43.4 65.2



#16
Acetone
Concen: 25.710 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013943.D
Acq: 31 May 2023 18:09

Tgt Ion: 43 Resp: 14430
Ion Ratio Lower Upper
43 100
58 26.1 23.3 34.9

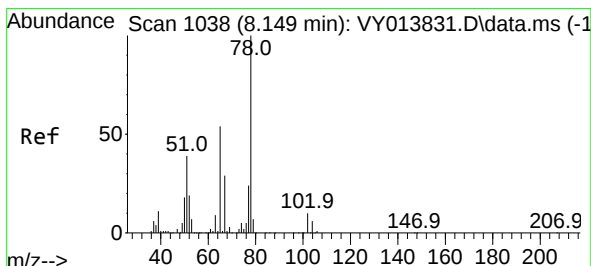
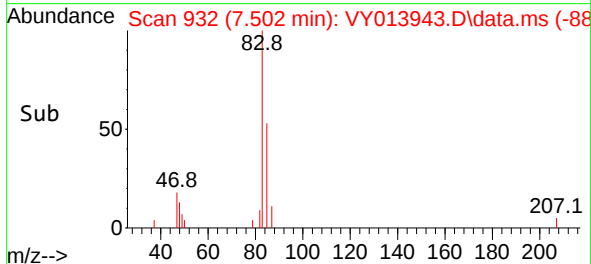
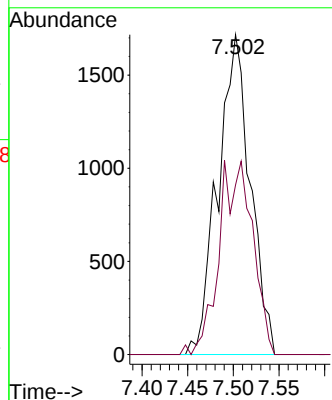
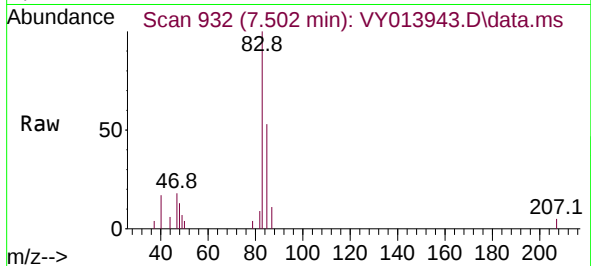




#30
Chloroform
Concen: 1.265 ug/l
RT: 7.502 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013943.D
Acq: 31 May 2023 18:09

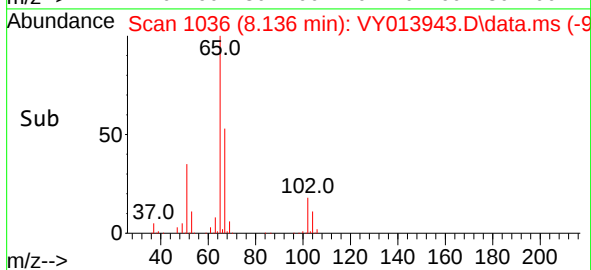
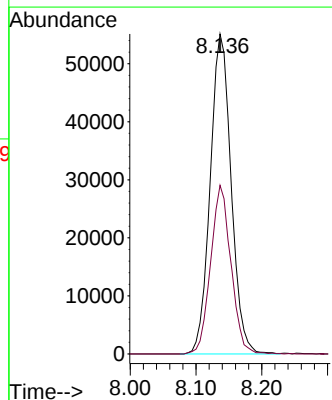
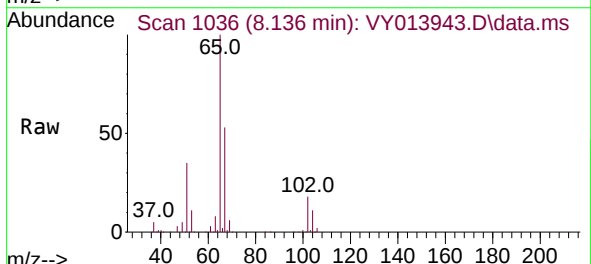
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-50.5-051823-FD

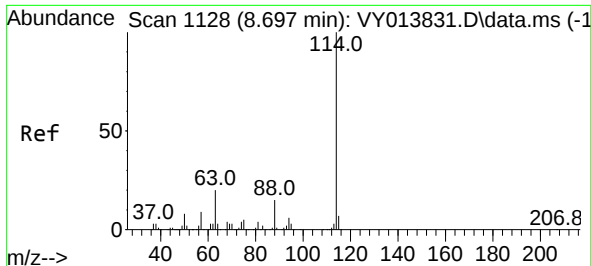
Tgt Ion: 83 Resp: 4219
Ion Ratio Lower Upper
83 100
85 53.1 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 64.605 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013943.D
Acq: 31 May 2023 18:09

Tgt Ion: 65 Resp: 122172
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.4

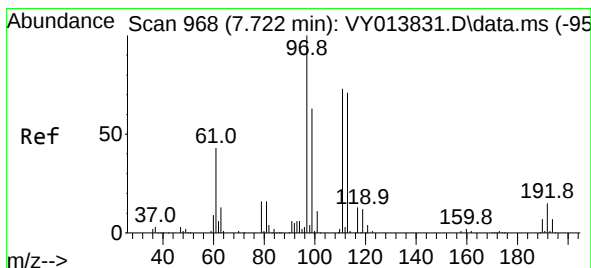
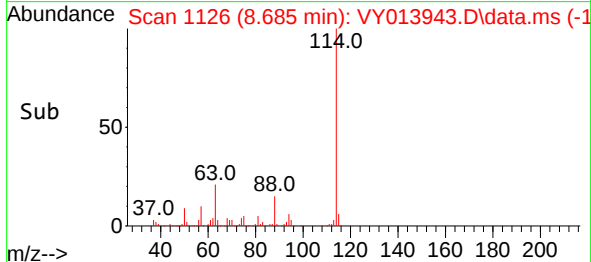
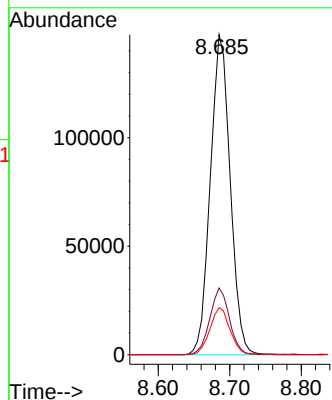
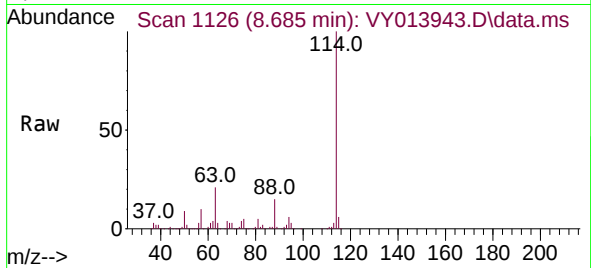




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.012 min
Lab File: VY013943.D
Acq: 31 May 2023 18:09

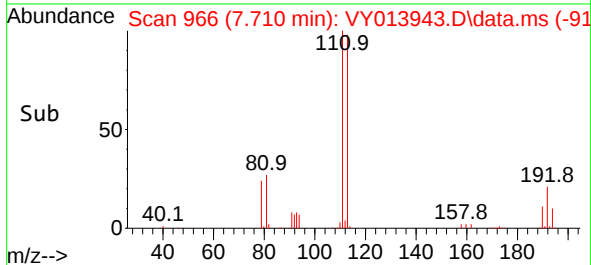
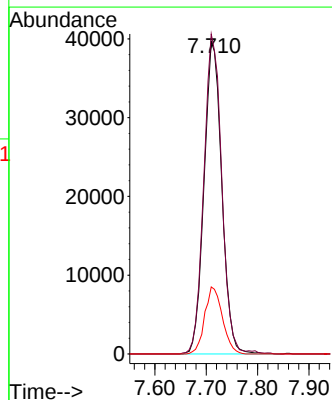
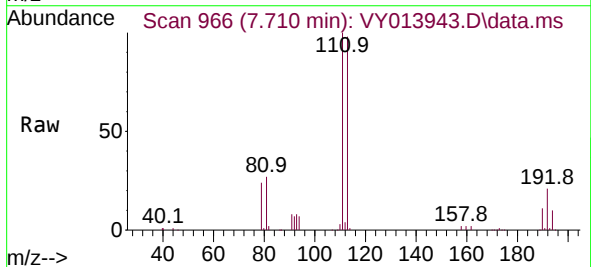
Instrument : MSVOA_Y
ClientSampleId : CB-32-G3-SO-50.5-051823-FD

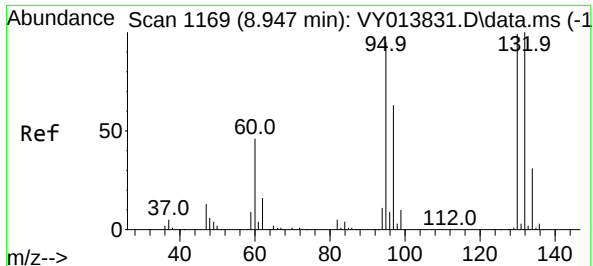
Tgt Ion:114 Resp: 284315
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.2
88 14.7 0.0 30.0



#35
Dibromofluoromethane
Concen: 51.649 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY013943.D
Acq: 31 May 2023 18:09

Tgt Ion:113 Resp: 94833
Ion Ratio Lower Upper
113 100
111 103.0 80.4 120.6
192 21.5 16.6 25.0

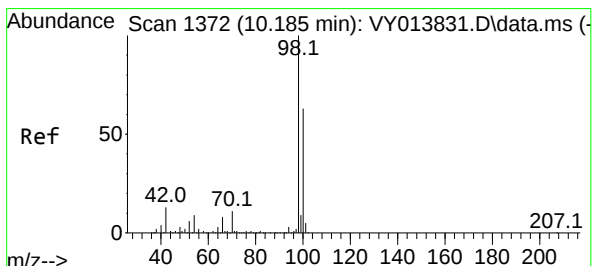
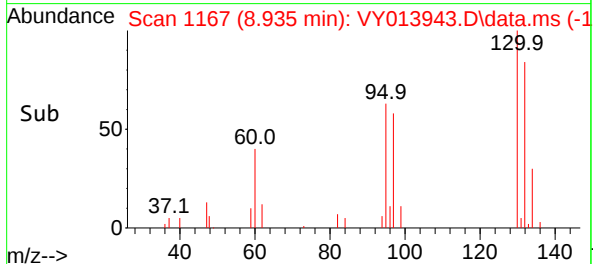
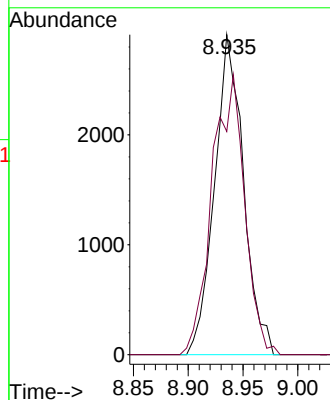
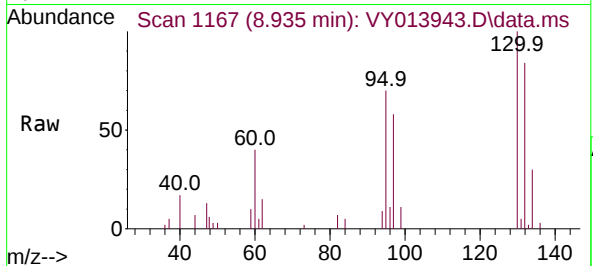




#44
Trichloroethene
Concen: 2.471 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.012 min
Lab File: VY013943.D
Acq: 31 May 2023 18:09

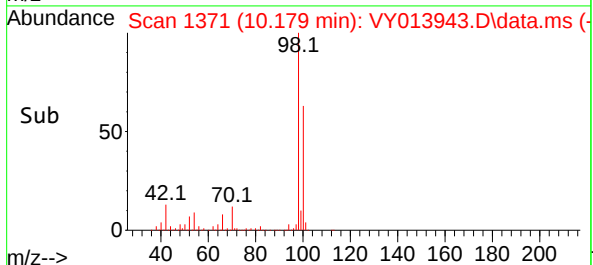
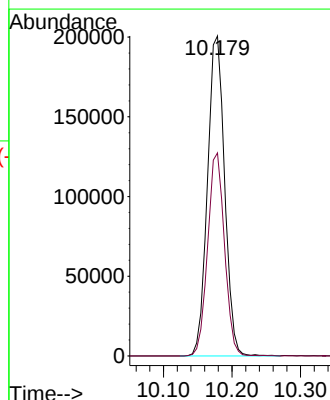
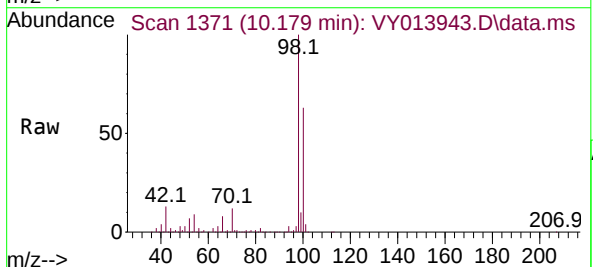
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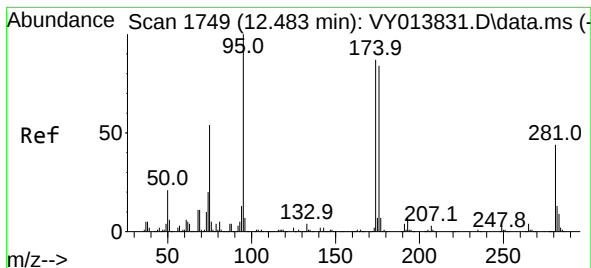
Tgt Ion:130 Resp: 5348
Ion Ratio Lower Upper
130 100
95 69.7 0.0 192.8



#50
Toluene-d8
Concen: 50.037 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013943.D
Acq: 31 May 2023 18:09

Tgt Ion: 98 Resp: 349184
Ion Ratio Lower Upper
98 100
100 62.4 50.8 76.2

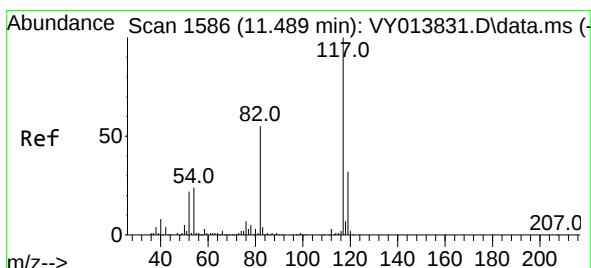
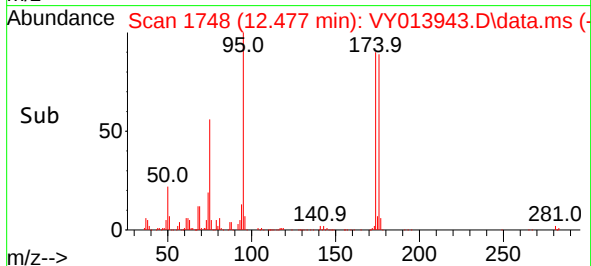
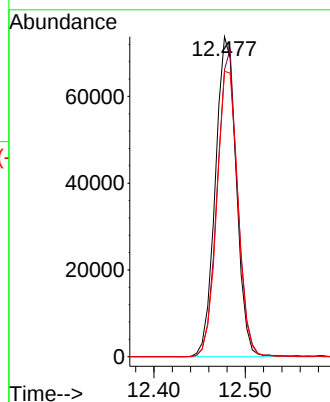
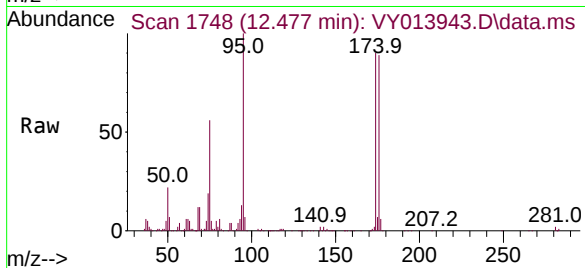




#62
4-Bromofluorobenzene
Concen: 50.522 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013943.D
Acq: 31 May 2023 18:09

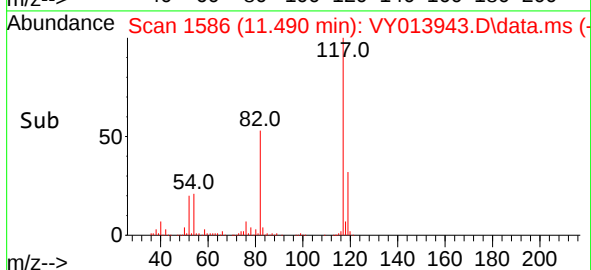
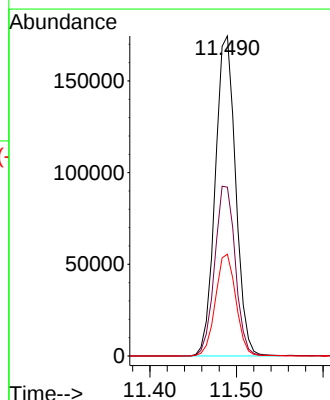
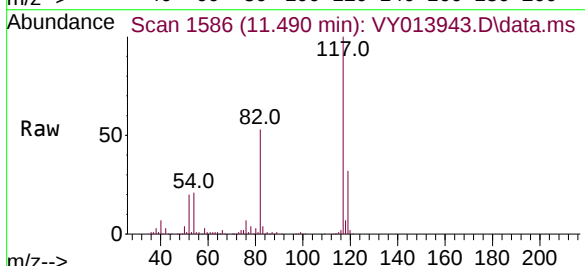
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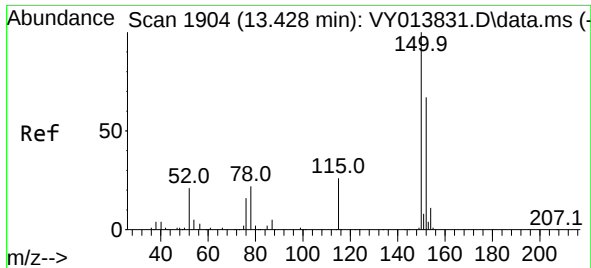
Tgt Ion: 95 Resp: 117193
Ion Ratio Lower Upper
95 100
174 93.2 0.0 176.0
176 90.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013943.D
Acq: 31 May 2023 18:09

Tgt Ion: 117 Resp: 285528
Ion Ratio Lower Upper
117 100
82 52.8 44.2 66.4
119 31.8 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013943.D

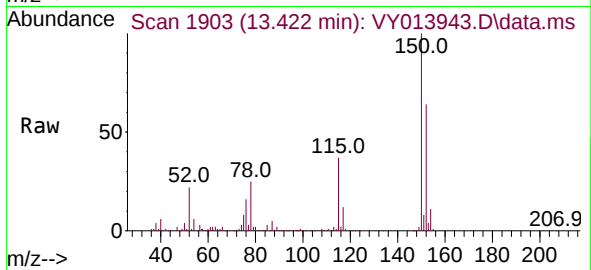
Acq: 31 May 2023 18:09

Instrument :

MSVOA_Y

ClientSampleId :

CB-32-G3-SO-50.5-051823-FD



Tgt Ion:152 Resp: 131779

Ion Ratio Lower Upper

152 100

115 58.8 28.8 86.5

150 158.2 0.0 353.4

