

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013923.D
 Acq On : 30 May 2023 16:42
 Operator : KP/MD
 Sample : 02852-09
 Misc : 6.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: May 31 03:27:22 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)

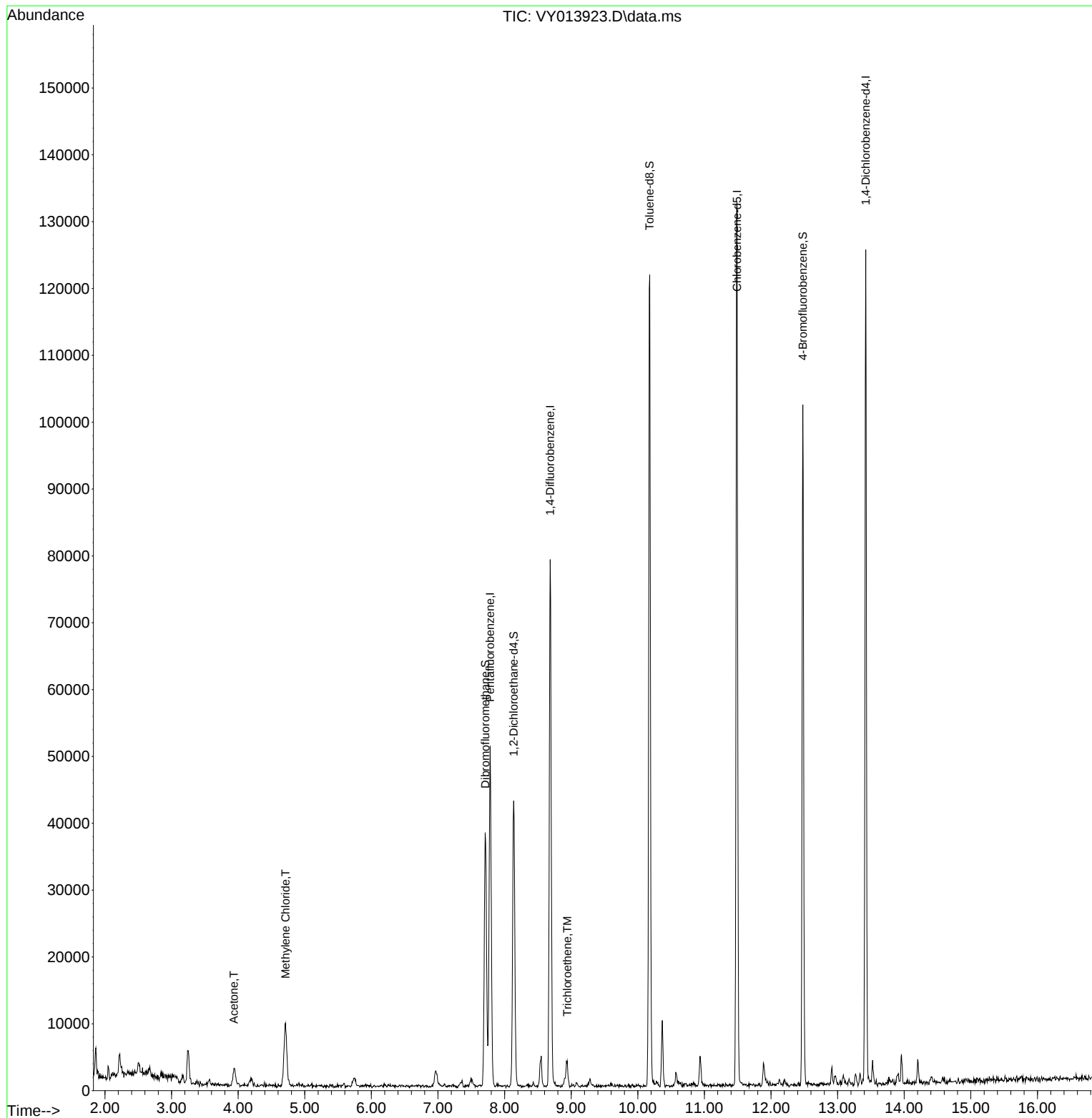
Internal Standards						
1) Pentafluorobenzene	7.783	168	38048	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	65763	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	71449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	31366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	36450	82.807	ug/l	-0.01
Spiked Amount	50.000	Range 50 - 163	Recovery	= 165.620%#		
35) Dibromofluoromethane	7.710	113	25858	60.885	ug/l	-0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	= 121.780%		
50) Toluene-d8	10.179	98	82676	51.219	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 102.440%		
62) 4-Bromofluorobenzene	12.477	95	27508	51.269	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 102.540%		
Target Compounds						
						Qvalue
16) Acetone	3.936	43	4812	36.833	ug/l #	84
20) Methylene Chloride	4.710	84	6683	12.523	ug/l	92
44) Trichloroethene	8.941	130	1170	2.337	ug/l	63

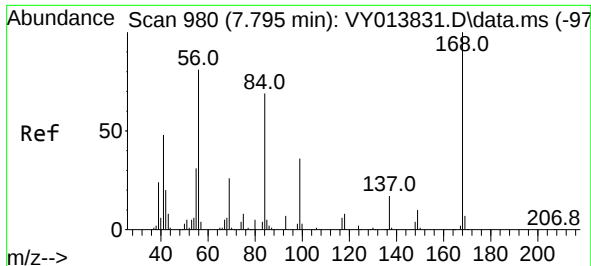
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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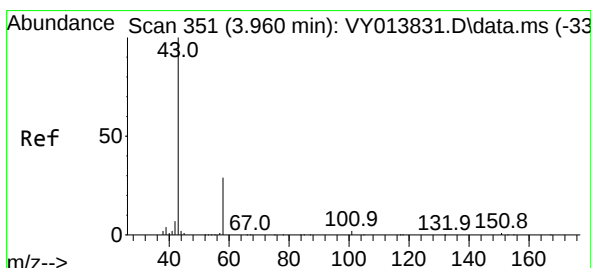
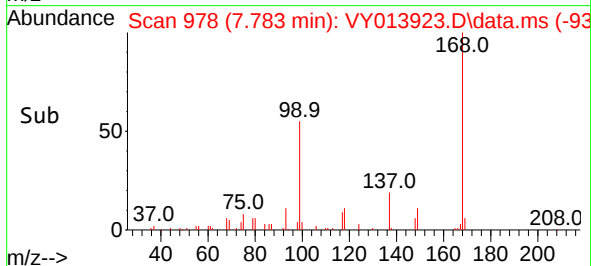
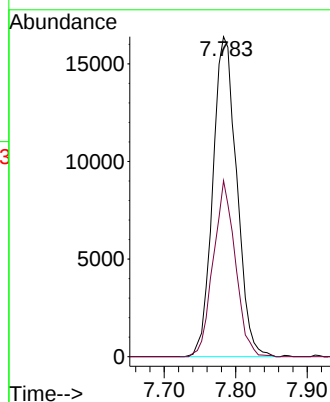
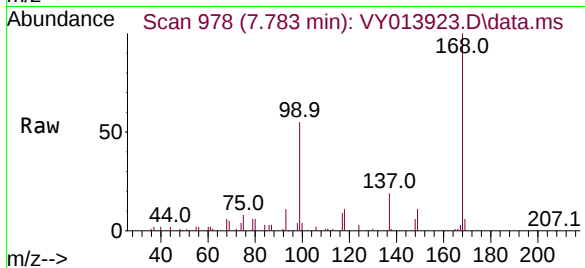




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013923.D
Acq: 30 May 2023 16:42

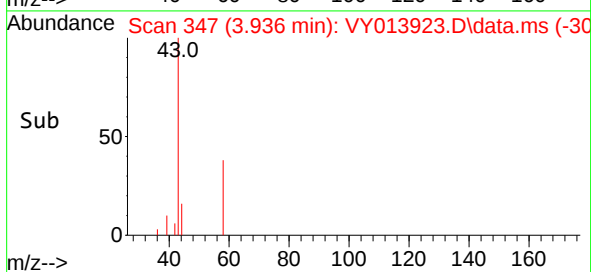
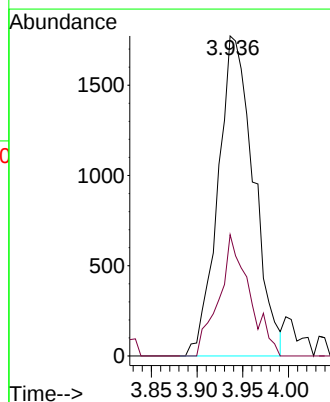
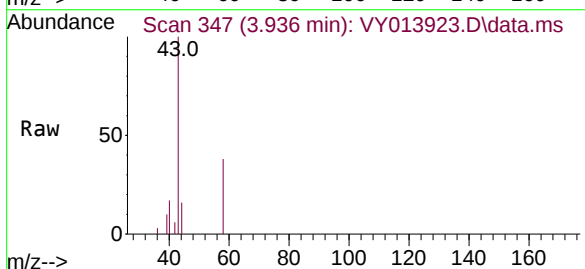
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-50.5-051823

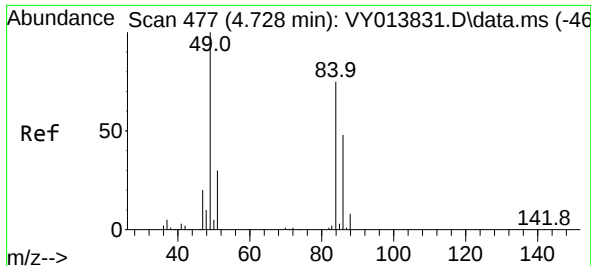
Tgt Ion:168 Resp: 38048
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.2



#16
Acetone
Concen: 36.833 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.024 min
Lab File: VY013923.D
Acq: 30 May 2023 16:42

Tgt Ion: 43 Resp: 4812
Ion Ratio Lower Upper
43 100
58 37.9 23.3 34.9#

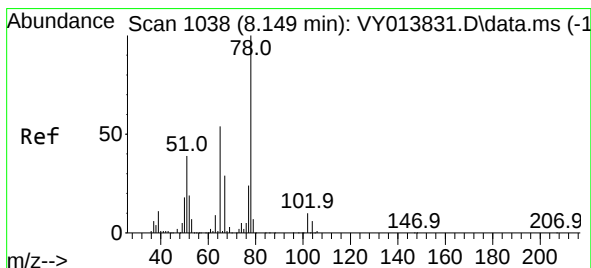
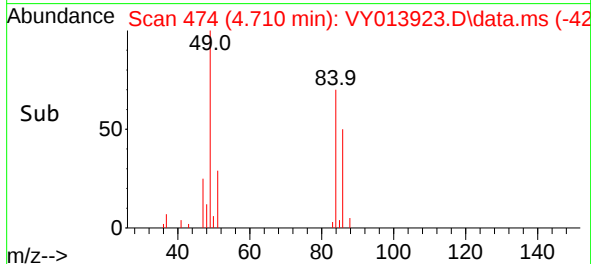
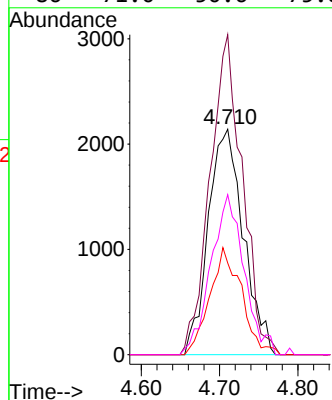
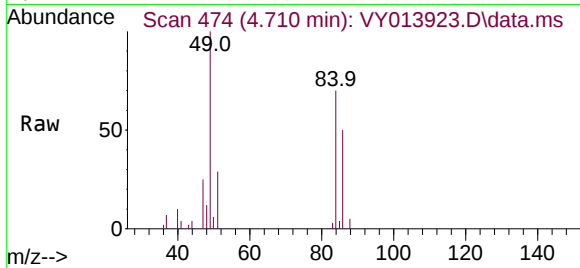




#20
Methylene Chloride
Concen: 12.523 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY013923.D
Acq: 30 May 2023 16:42

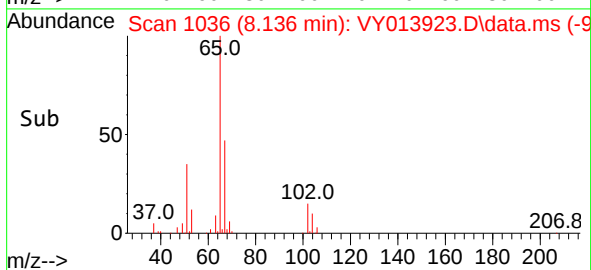
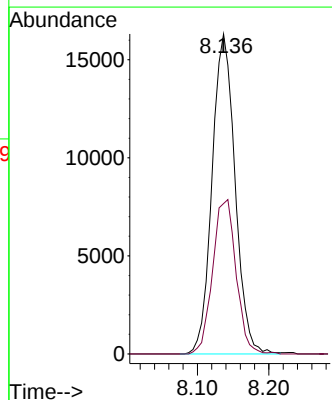
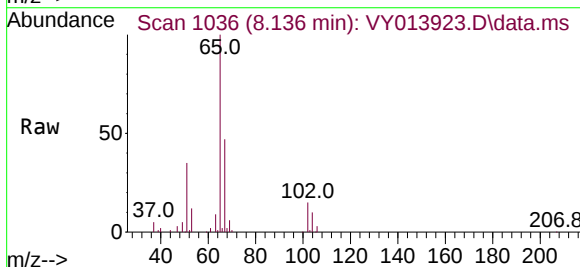
Instrument :
MSVOA_Y
ClientSampleId :
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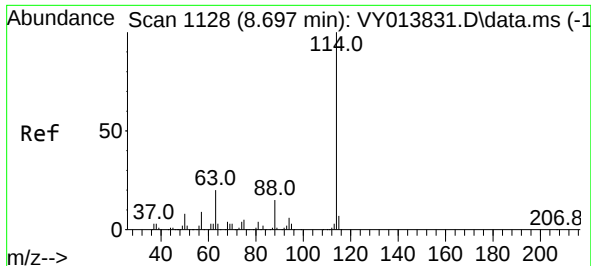
Tgt Ion:	84	Resp:	6683
Ion	Ratio	Lower	Upper
84	100		
49	141.9	106.2	159.2
51	40.7	31.4	47.0
86	71.0	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 82.807 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013923.D
Acq: 30 May 2023 16:42

Tgt Ion:	65	Resp:	36450
Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	104.4

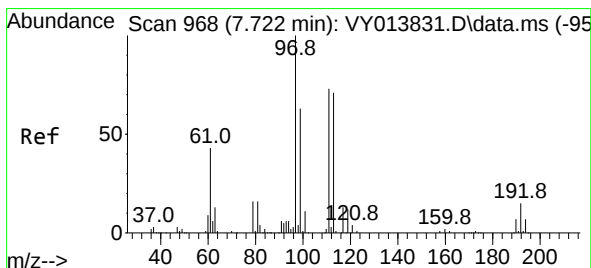
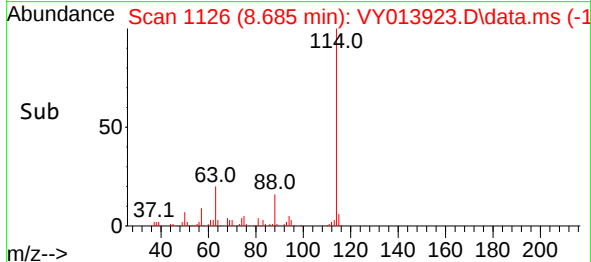
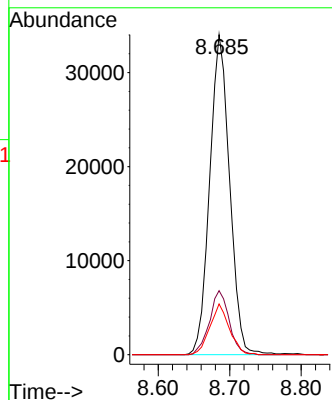
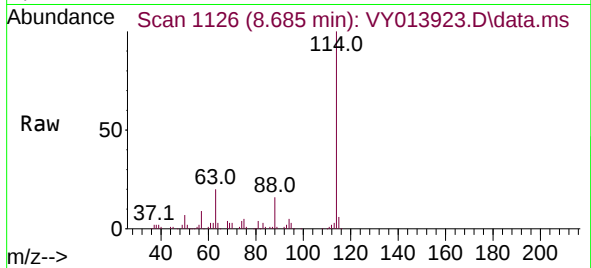




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.012 min
Lab File: VY013923.D
Acq: 30 May 2023 16:42

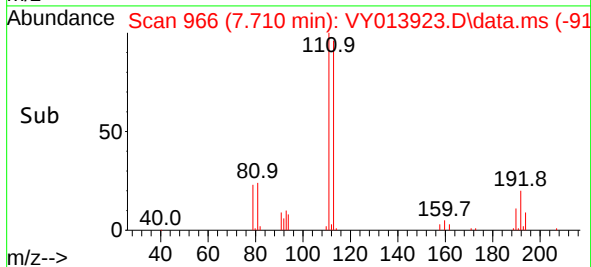
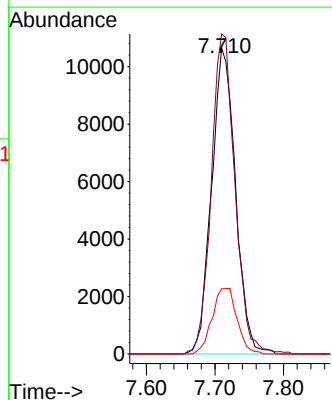
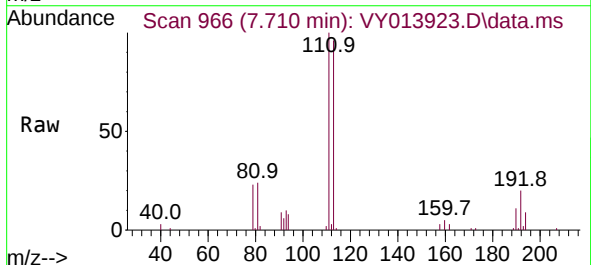
Instrument :
MSVOA_Y
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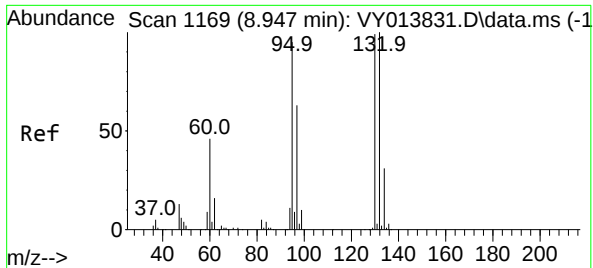
Tgt Ion:114 Resp: 65763
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.2
88 15.9 0.0 30.0



#35
Dibromofluoromethane
Concen: 60.885 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY013923.D
Acq: 30 May 2023 16:42

Tgt Ion:113 Resp: 25858
Ion Ratio Lower Upper
113 100
111 103.3 80.4 120.6
192 22.2 16.6 25.0

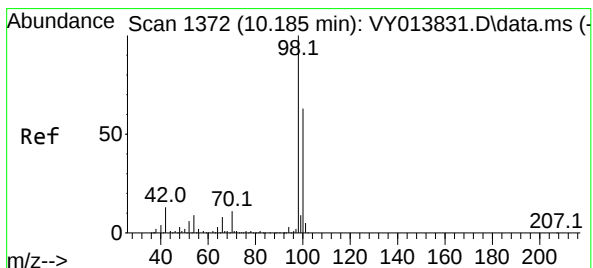
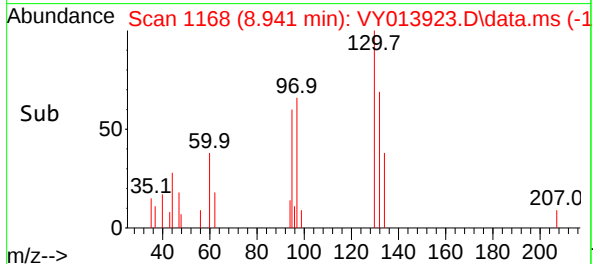
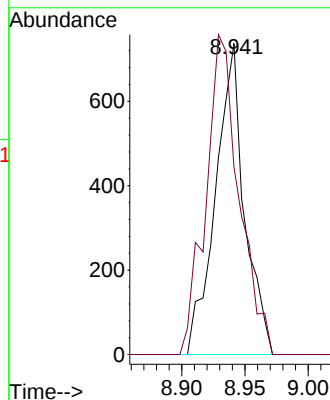
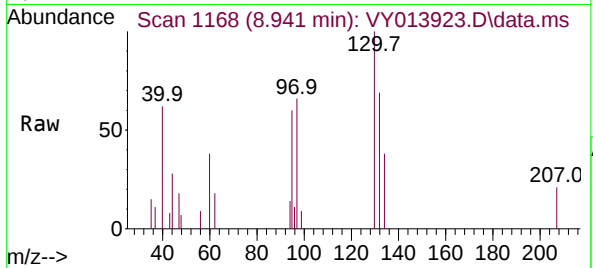




#44
Trichloroethene
Concen: 2.337 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY013923.D
Acq: 30 May 2023 16:42

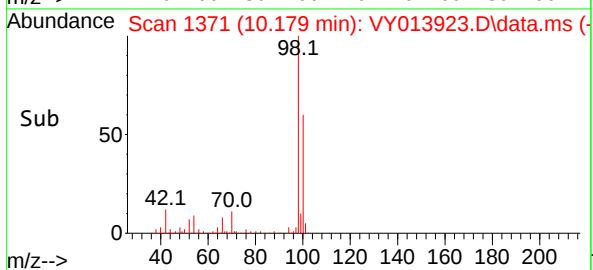
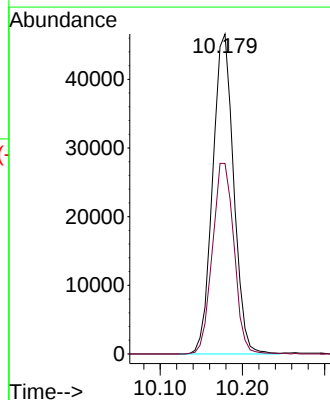
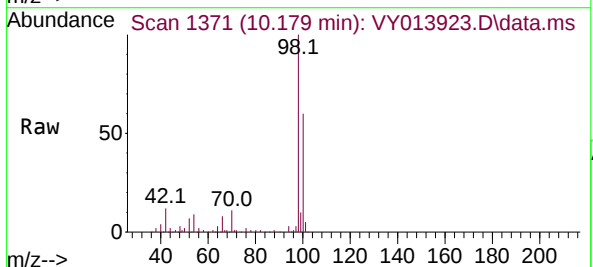
Instrument :
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ClientSampleId :
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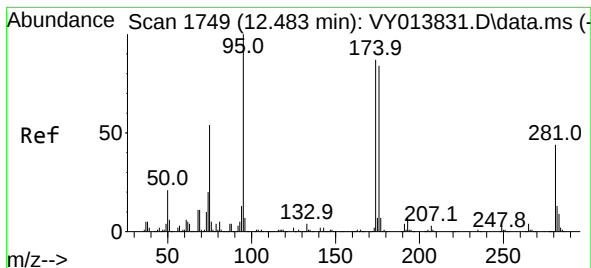
Tgt Ion:130 Resp: 1170
Ion Ratio Lower Upper
130 100
95 60.4 0.0 192.8



#50
Toluene-d8
Concen: 51.219 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013923.D
Acq: 30 May 2023 16:42

Tgt Ion: 98 Resp: 82676
Ion Ratio Lower Upper
98 100
100 61.3 50.8 76.2

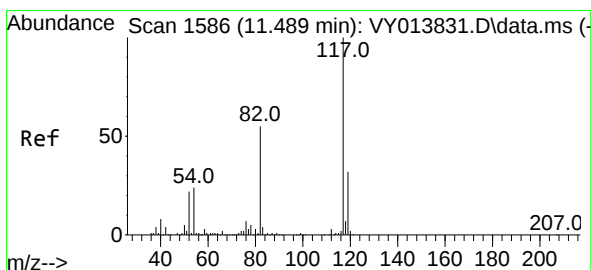
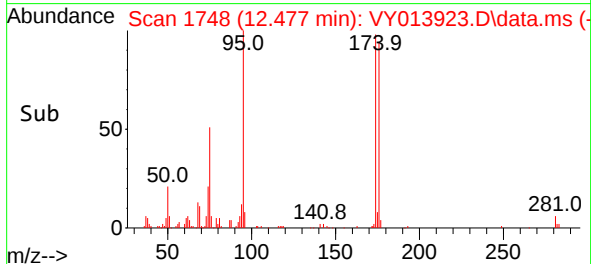
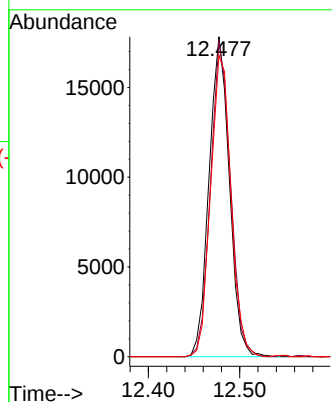
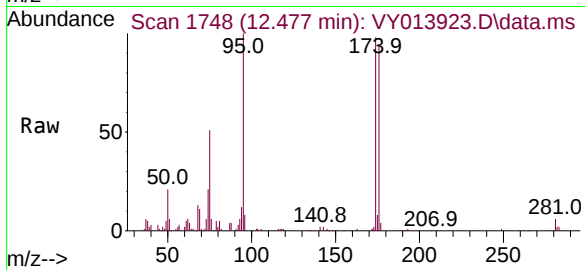




#62
4-Bromofluorobenzene
Concen: 51.269 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013923.D
Acq: 30 May 2023 16:42

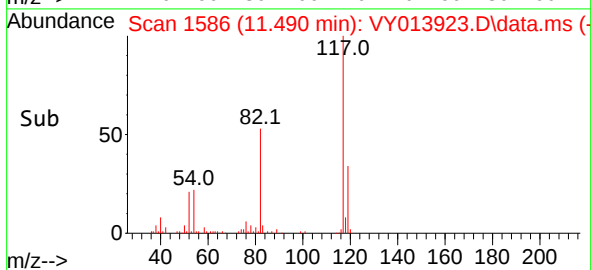
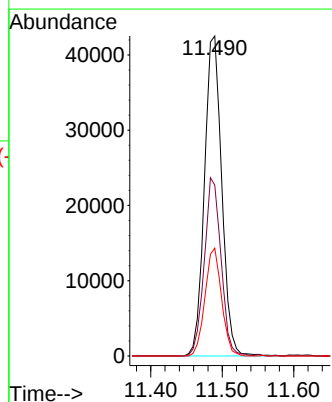
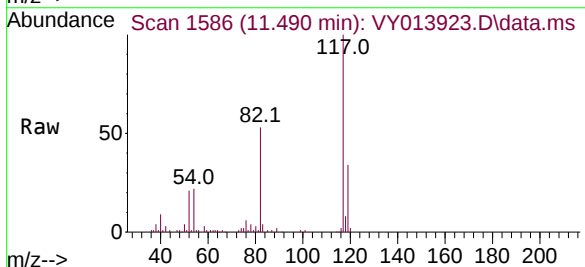
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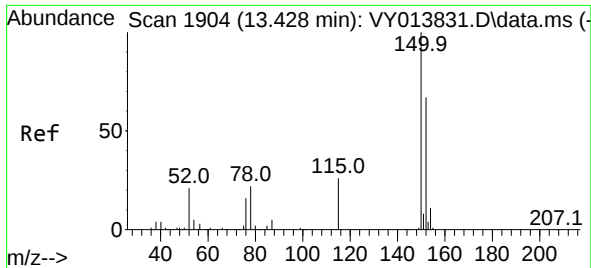
Tgt Ion: 95 Resp: 27508
Ion Ratio Lower Upper
95 100
174 97.2 0.0 176.0
176 94.2 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013923.D
Acq: 30 May 2023 16:42

Tgt Ion: 117 Resp: 71449
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.4
119 33.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY013923.D

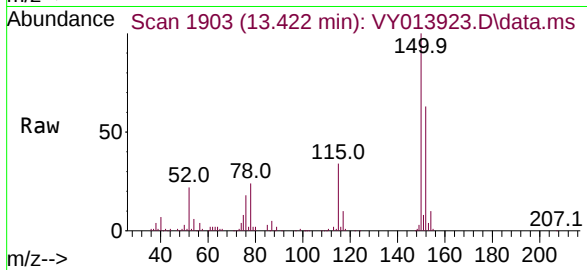
Acq: 30 May 2023 16:42

Instrument :

MSVOA_Y

ClientSampleId :

CB-32-G3-SO-50.5-051823



Tgt Ion:152 Resp: 31366

Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 157.3 0.0 353.4

