

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013929.D
 Acq On : 30 May 2023 19:03
 Operator : KP/MD
 Sample : 02852-15
 Misc : 6.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-32-G3-SO-69.5-051823

Quant Time: May 31 03:28:19 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)

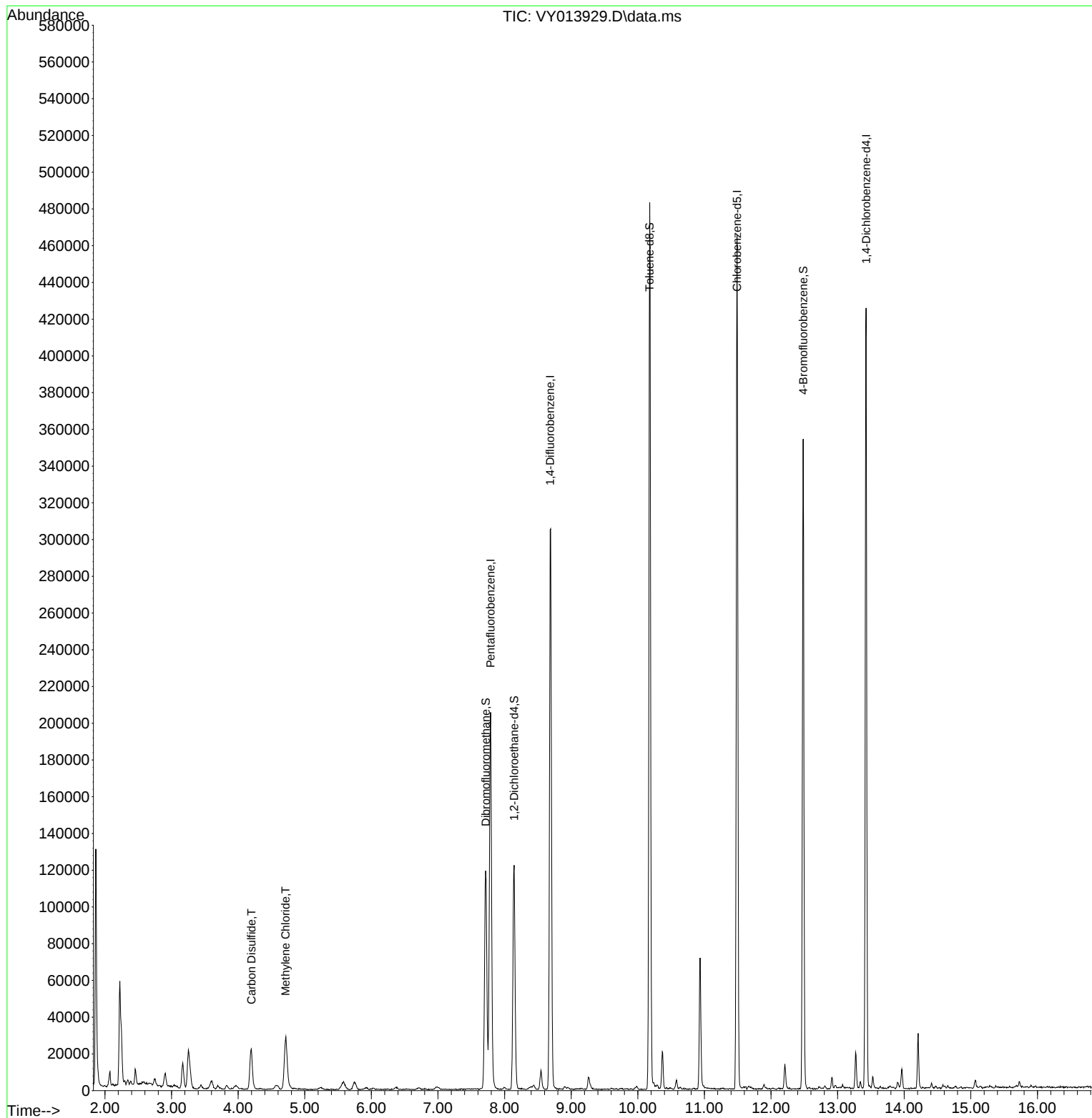
Internal Standards						
1) Pentafluorobenzene	7.789	168	157102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	257099	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	246295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	99100	54.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.040%	
35) Dibromofluoromethane	7.715	113	81778	49.253	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.500%	
50) Toluene-d8	10.178	98	314704	49.870	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.740%	
62) 4-Bromofluorobenzene	12.483	95	96463	45.987	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.980%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.198	76	45147	9.842	ug/l	97
20) Methylene Chloride	4.710	84	20478	8.604	ug/l	93

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

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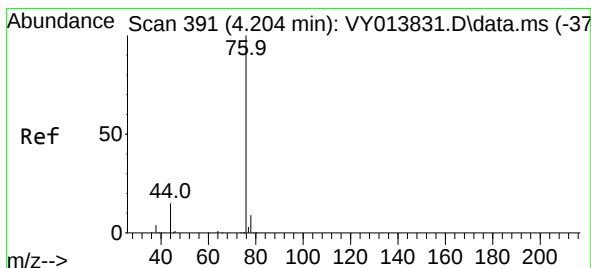
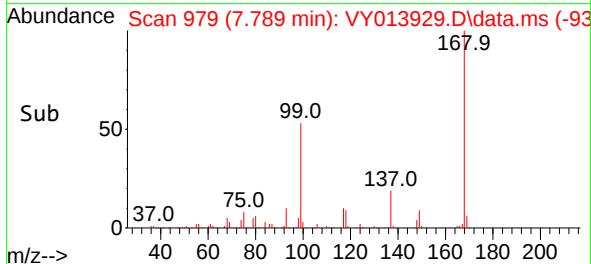
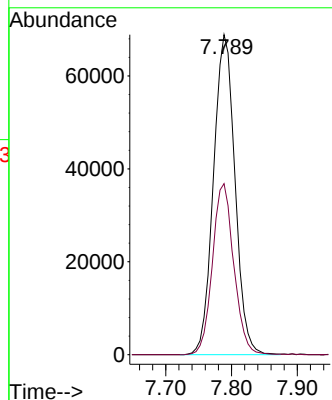
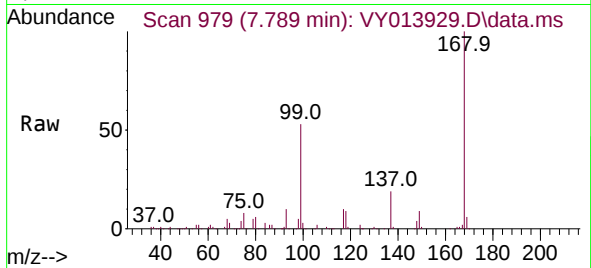




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013929.D
Acq: 30 May 2023 19:03

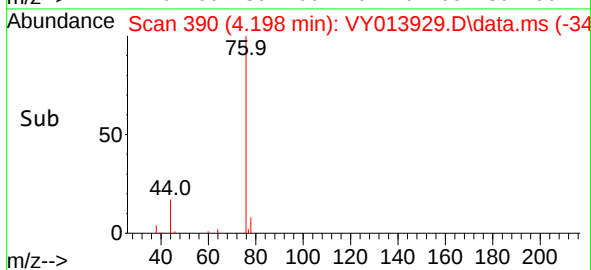
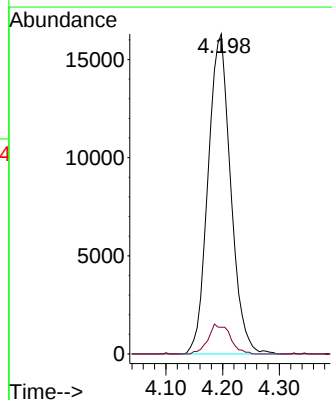
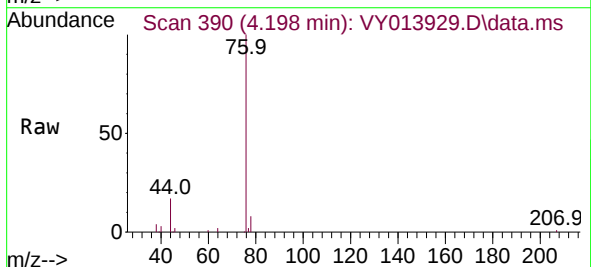
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-69.5-051823

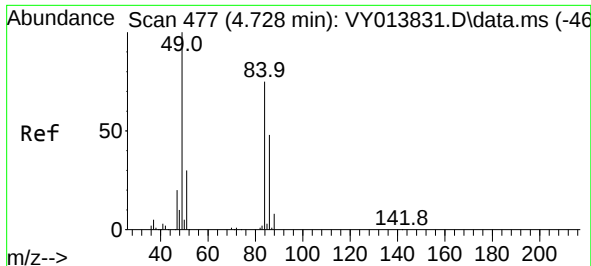
Tgt Ion:168 Resp: 157102
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.2



#17
Carbon Disulfide
Concen: 9.842 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY013929.D
Acq: 30 May 2023 19:03

Tgt Ion: 76 Resp: 45147
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3

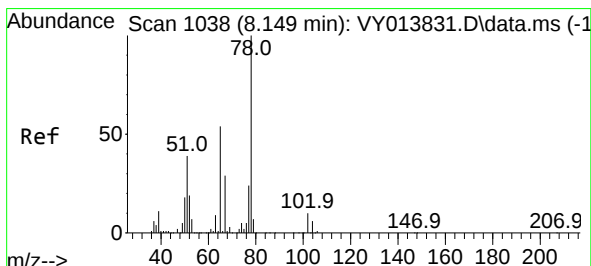
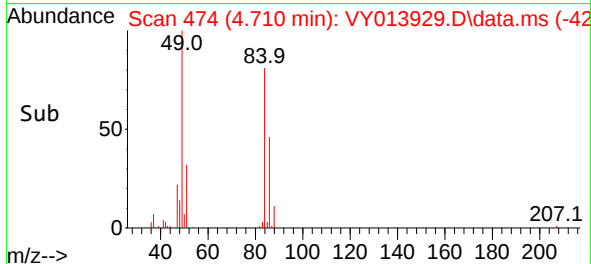
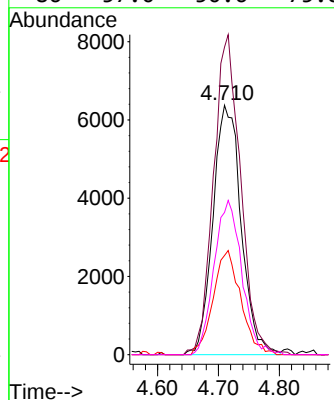
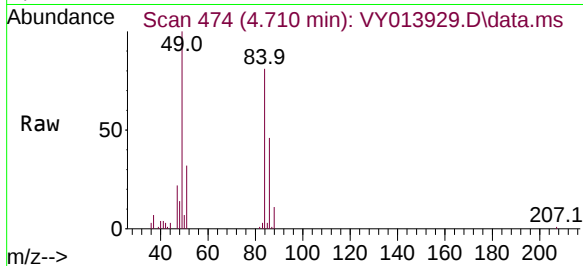




#20
Methylene Chloride
Concen: 8.604 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY013929.D
Acq: 30 May 2023 19:03

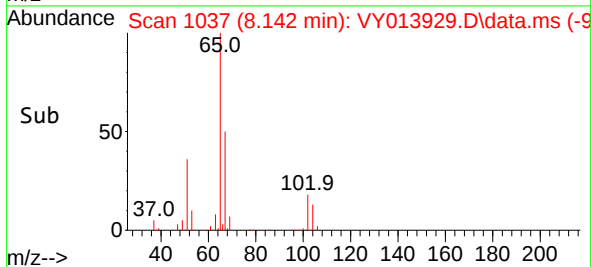
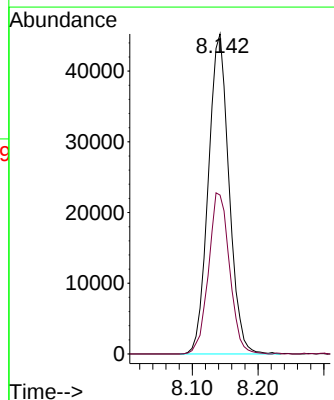
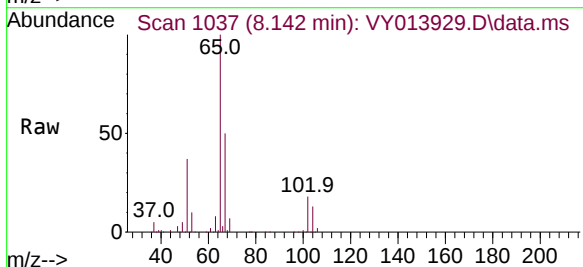
Instrument :
MSVOA_Y
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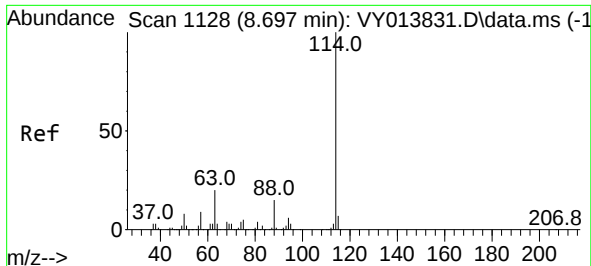
Tgt Ion: 84	Resp: 20478		
Ion	Ratio	Lower	Upper
84	100		
49	123.3	106.2	159.2
51	39.8	31.4	47.0
86	57.0	50.6	75.8



#33
1,2-Dichloroethane-d4
Concen: 54.525 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013929.D
Acq: 30 May 2023 19:03

Tgt Ion: 65	Resp: 99100
Ion Ratio	Lower Upper
65 100	
67 51.1	0.0 104.4

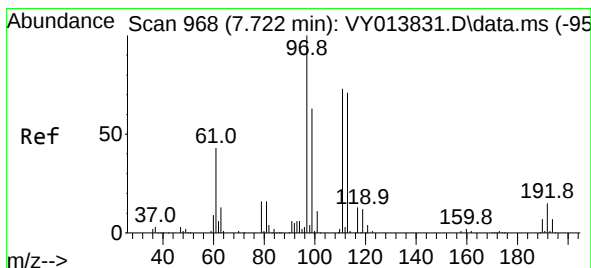
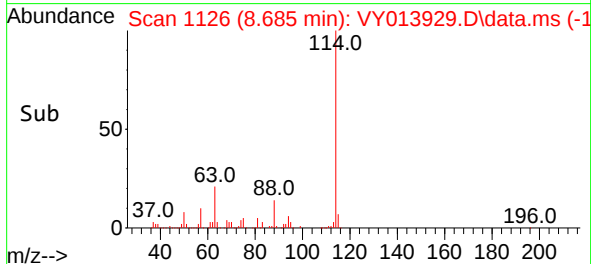
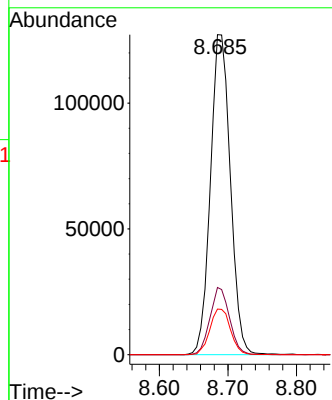
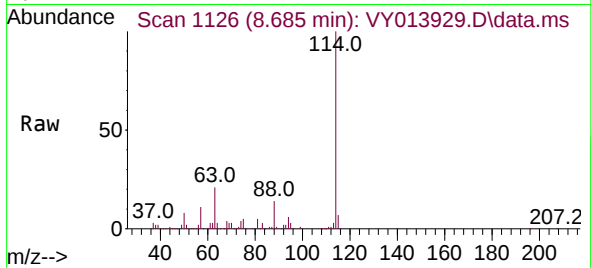




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.013 min
Lab File: VY013929.D
Acq: 30 May 2023 19:03

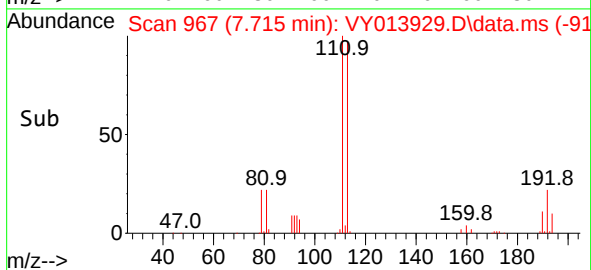
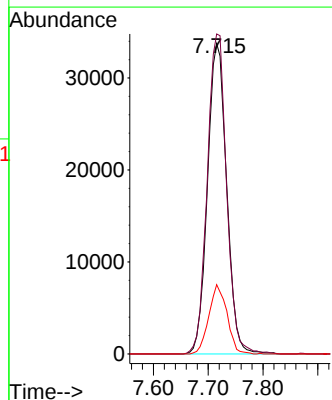
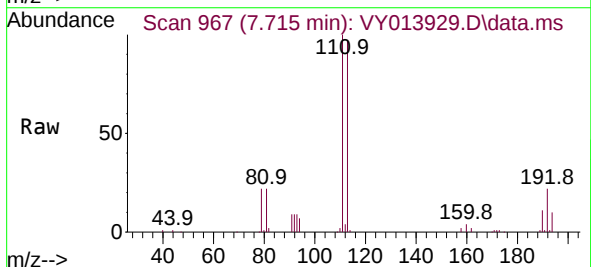
Instrument : MSVOA_Y
ClientSampleId : CB-32-G3-SO-69.5-051823

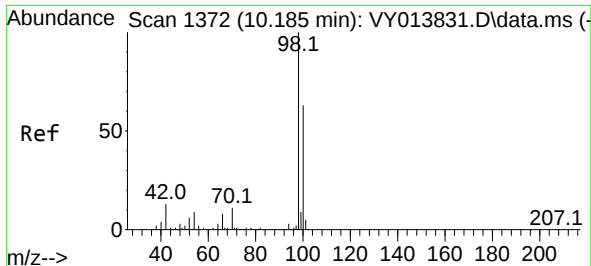
Tgt Ion:114 Resp: 257099
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.2
88 14.3 0.0 30.0



#35
Dibromofluoromethane
Concen: 49.253 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY013929.D
Acq: 30 May 2023 19:03

Tgt Ion:113 Resp: 81778
Ion Ratio Lower Upper
113 100
111 104.2 80.4 120.6
192 21.2 16.6 25.0

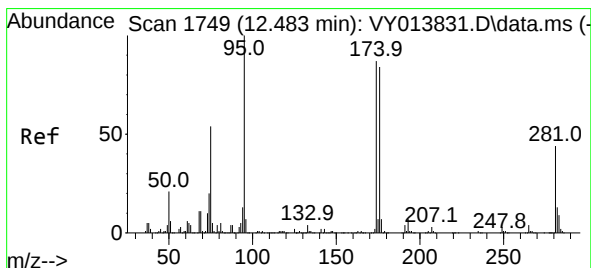
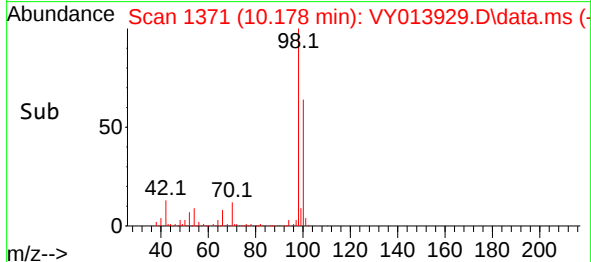
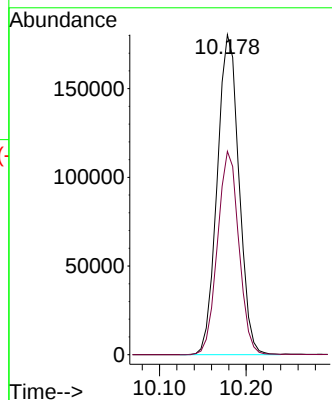
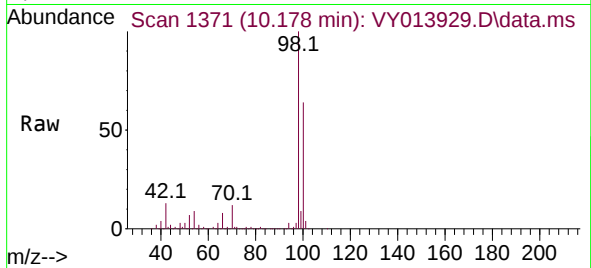




#50
Toluene-d8
Concen: 49.870 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013929.D
Acq: 30 May 2023 19:03

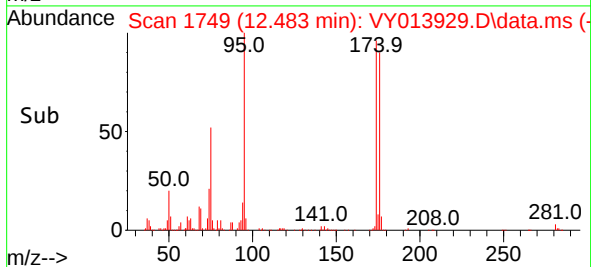
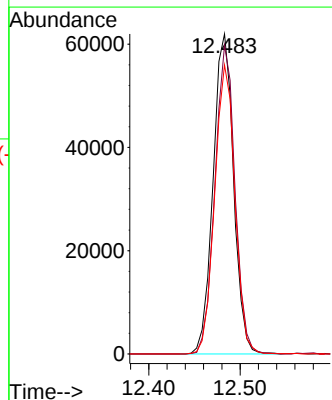
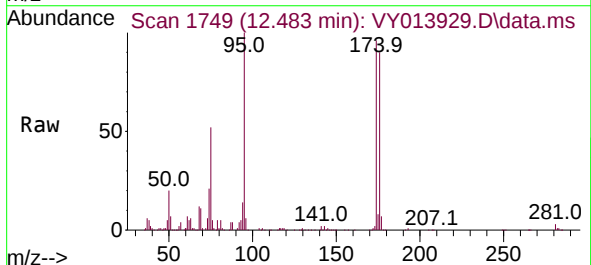
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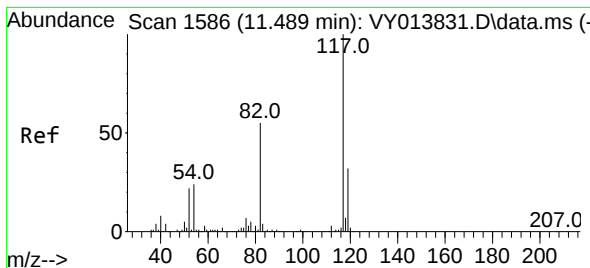
Tgt Ion: 98 Resp: 314704
Ion Ratio Lower Upper
98 100
100 62.4 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 45.987 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013929.D
Acq: 30 May 2023 19:03

Tgt Ion: 95 Resp: 96463
Ion Ratio Lower Upper
95 100
174 94.5 0.0 176.0
176 89.2 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013929.D

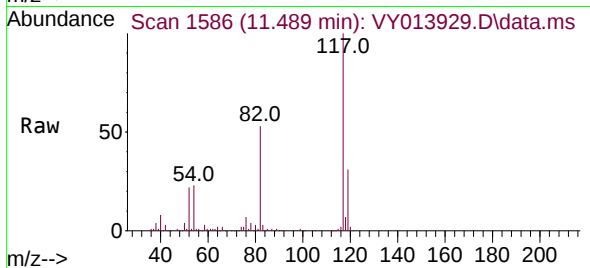
Acq: 30 May 2023 19:03

Instrument :

MSVOA_Y

ClientSampleId :

CB-32-G3-SO-69.5-051823



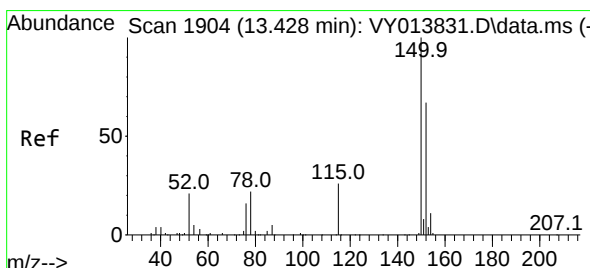
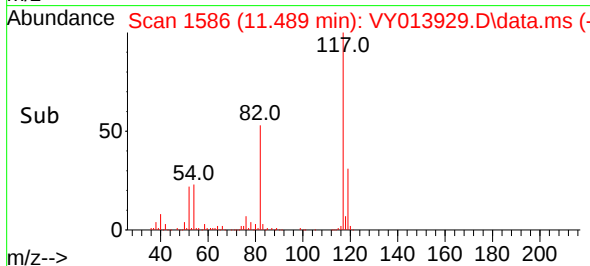
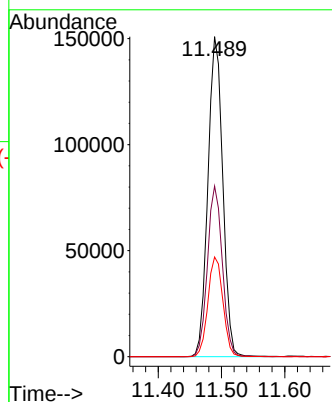
Tgt Ion:117 Resp: 246295

Ion Ratio Lower Upper

117 100

82 53.3 44.2 66.4

119 31.1 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY013929.D

Acq: 30 May 2023 19:03

Tgt Ion:152 Resp: 106000

Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 158.1 0.0 353.4

