

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013928.D
 Acq On : 30 May 2023 18:39
 Operator : KP/MD
 Sample : 02852-14
 Misc : 5.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-32-G3-SO-62.5-051823-FD

Quant Time: May 31 03:28:10 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)

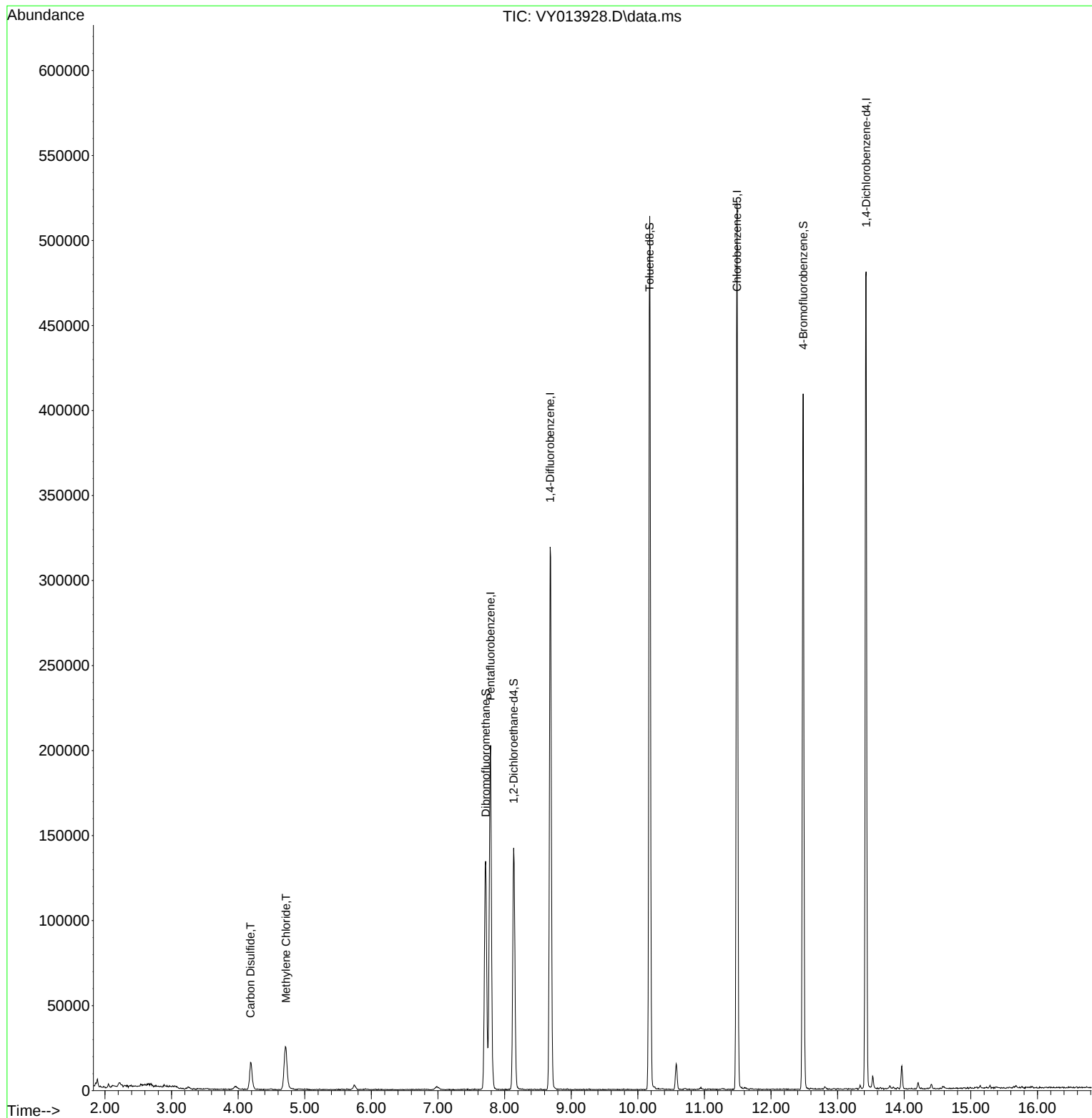
Internal Standards						
1) Pentafluorobenzene	7.789	168	154630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	267463	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.489	117	267527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118891	66.460	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.920%	
35) Dibromofluoromethane	7.716	113	92593	53.606	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.220%	
50) Toluene-d8	10.179	98	330733	50.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	12.483	95	107718	49.363	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.720%	
Target Compounds						Qvalue
17) Carbon Disulfide	4.186	76	31555	6.989	ug/l	98
20) Methylene Chloride	4.716	84	18785	7.836	ug/l	97

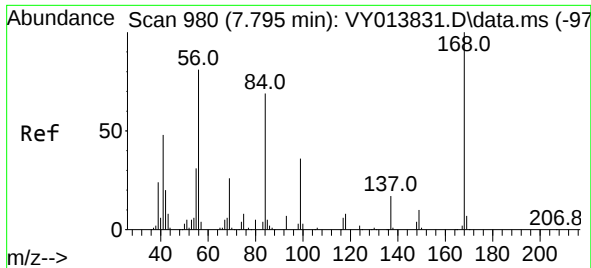
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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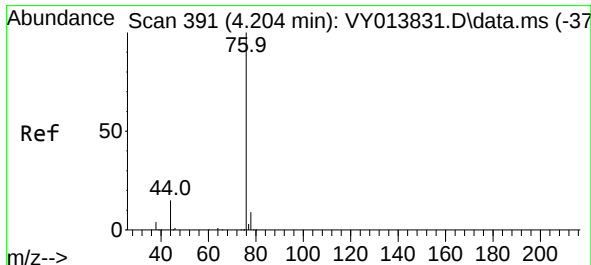
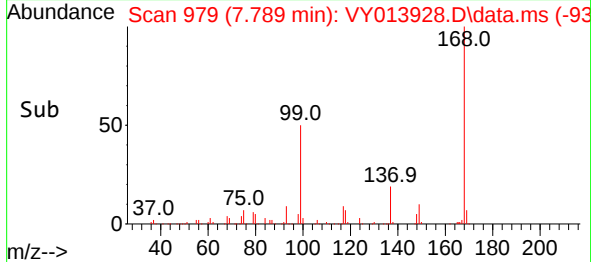
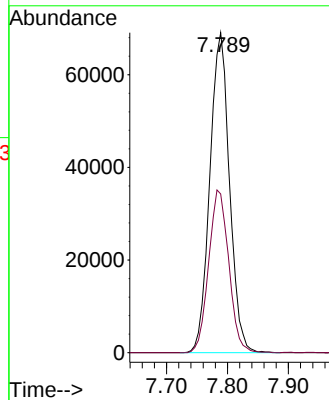
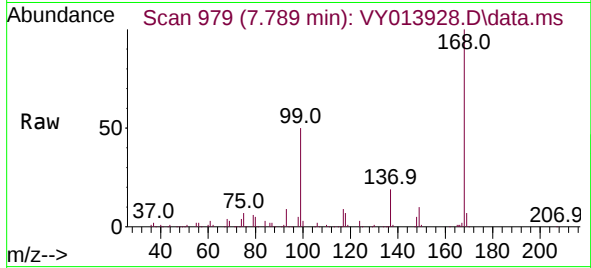




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013928.D
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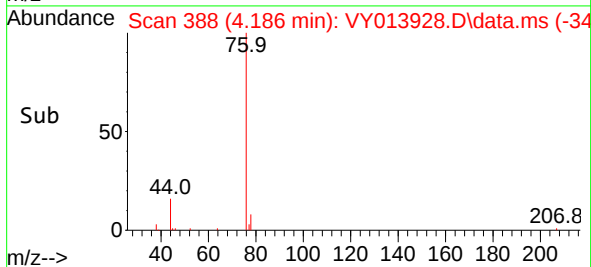
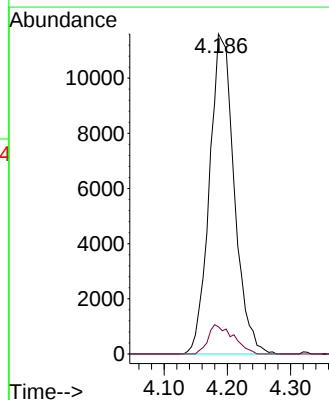
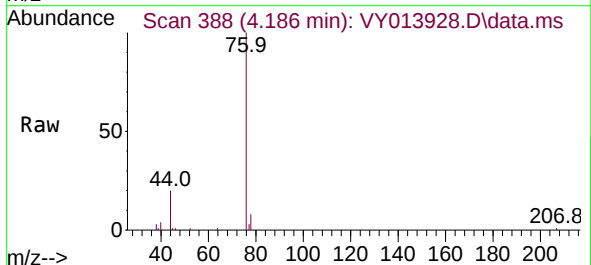
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-62.5-051823-FD

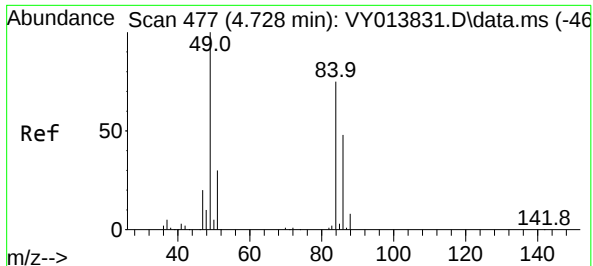
Tgt Ion:168 Resp: 154630
Ion Ratio Lower Upper
168 100
99 49.6 43.4 65.2



#17
Carbon Disulfide
Concen: 6.989 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.018 min
Lab File: VY013928.D
Acq: 30 May 2023 18:39

Tgt Ion: 76 Resp: 31555
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3

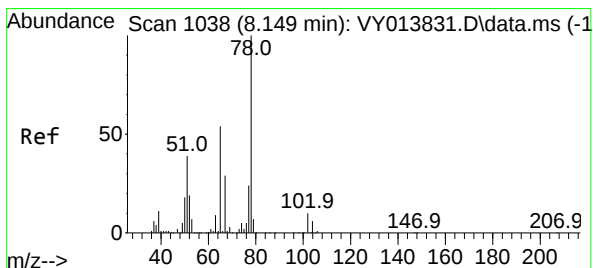
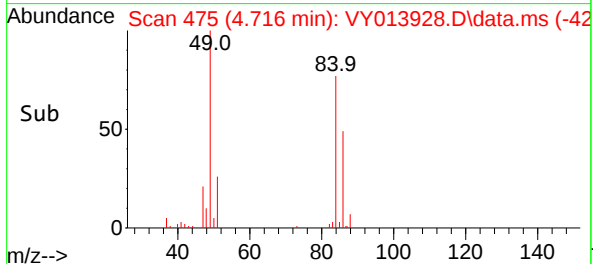
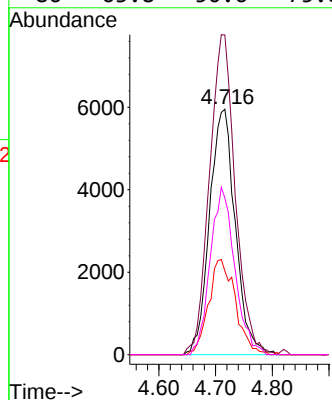
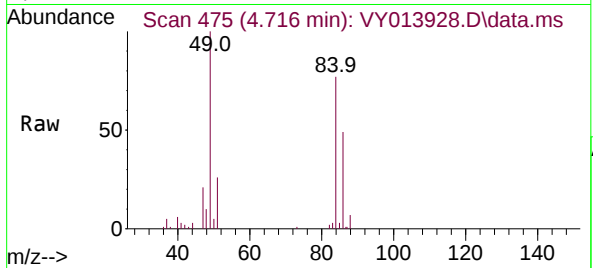




#20
Methylene Chloride
Concen: 7.836 ug/l
RT: 4.716 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY013928.D
Acq: 30 May 2023 18:39

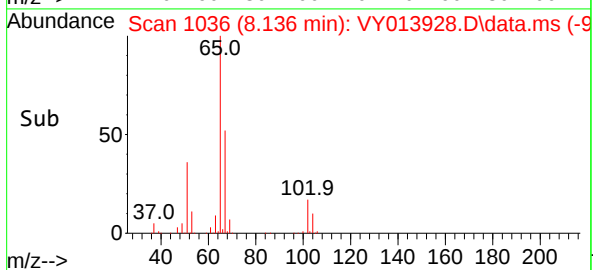
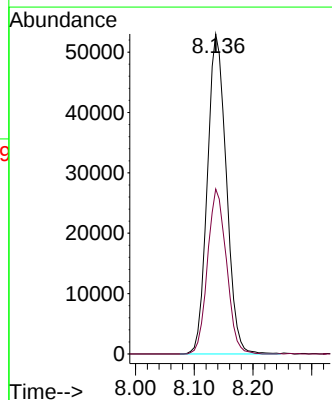
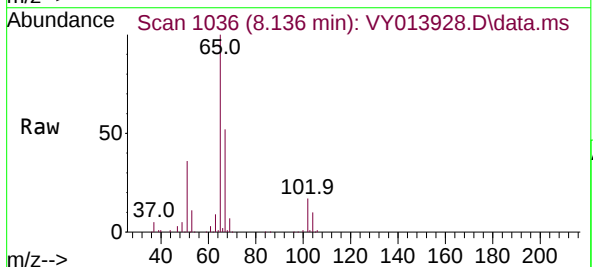
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-62.5-051823-FD

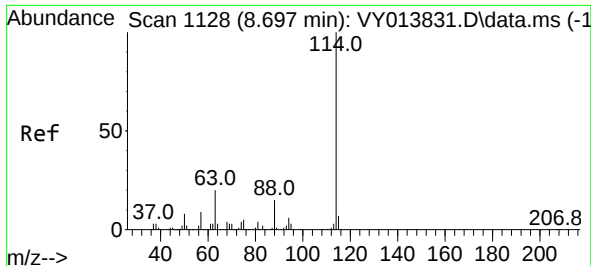
Tgt Ion: 84 Resp: 18785
Ion Ratio Lower Upper
84 100
49 130.3 106.2 159.2
51 34.2 31.4 47.0
86 63.8 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 66.460 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013928.D
Acq: 30 May 2023 18:39

Tgt Ion: 65 Resp: 118891
Ion Ratio Lower Upper
65 100
67 51.3 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: VY013928.D

Acq: 30 May 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

CB-32-G3-SO-62.5-051823-FD

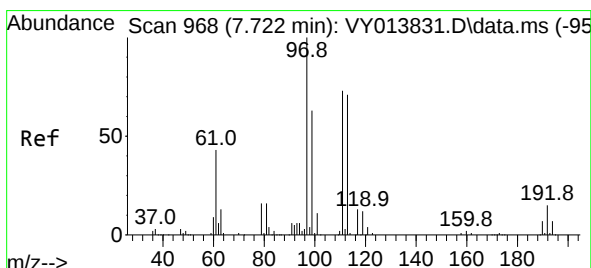
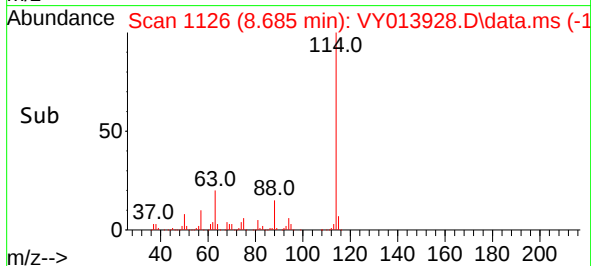
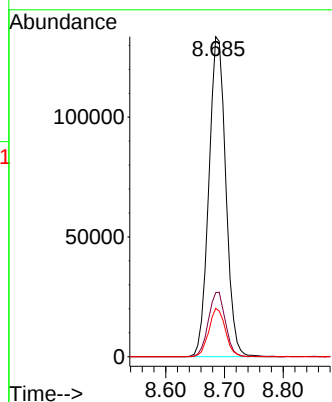
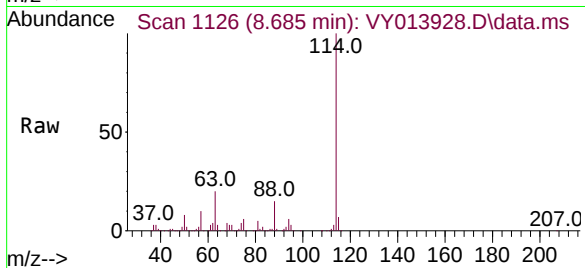
Tgt Ion:114 Resp: 267463

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 15.1 0.0 30.0



#35

Dibromofluoromethane

Concen: 53.606 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013928.D

Acq: 30 May 2023 18:39

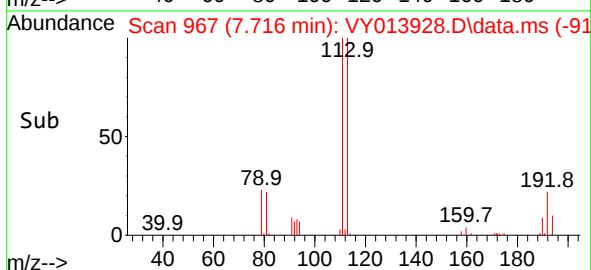
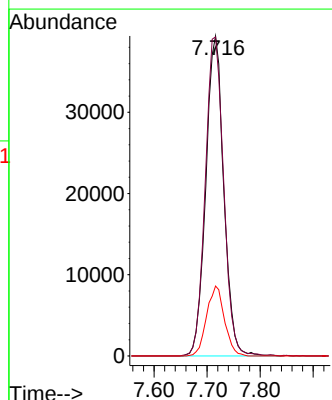
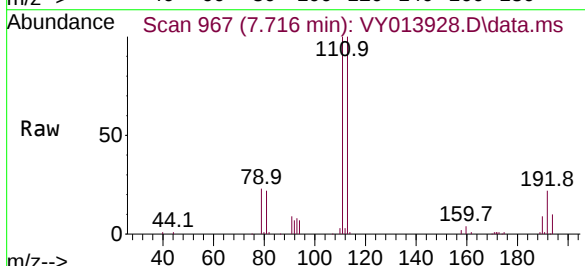
Tgt Ion:113 Resp: 92593

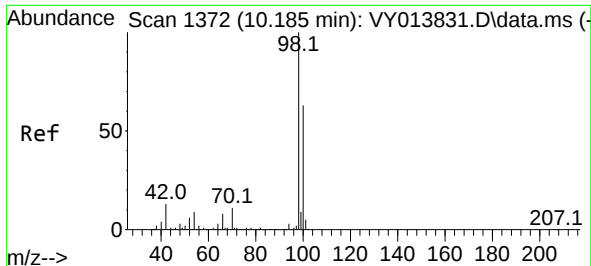
Ion Ratio Lower Upper

113 100

111 102.0 80.4 120.6

192 21.7 16.6 25.0

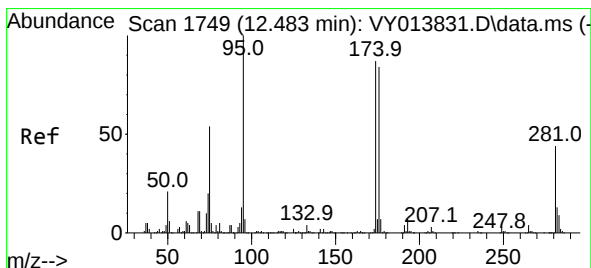
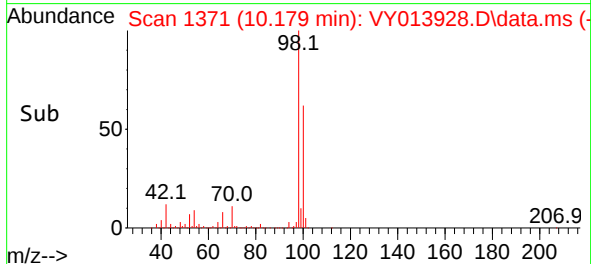
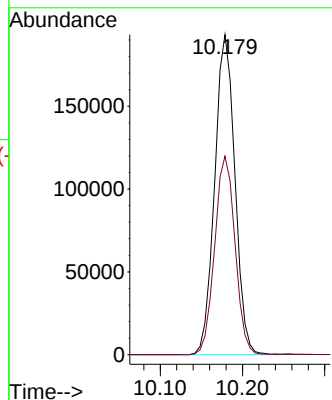
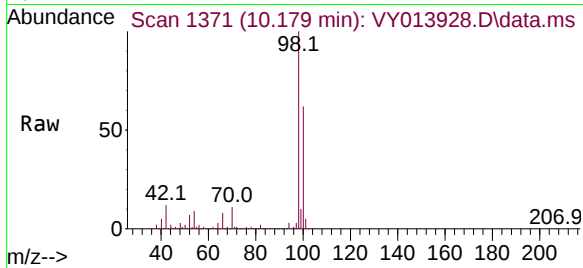




#50
Toluene-d8
Concen: 50.379 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013928.D
Acq: 30 May 2023 18:39

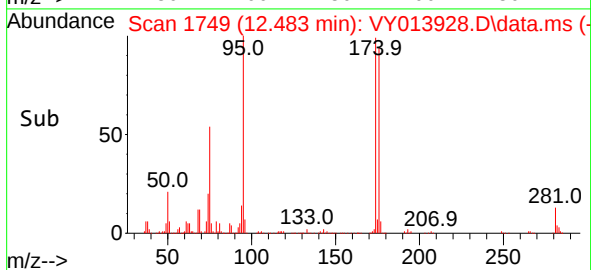
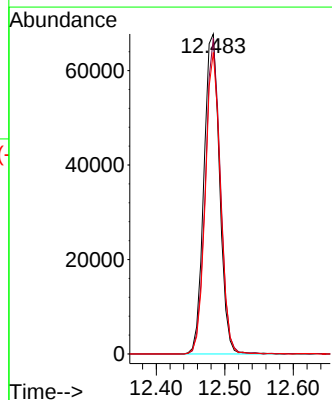
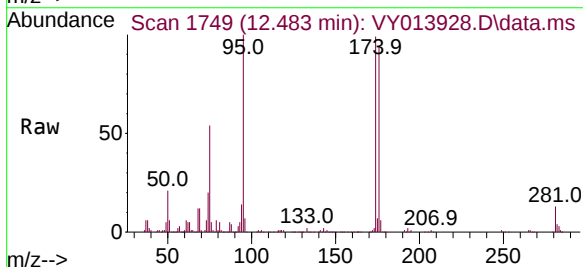
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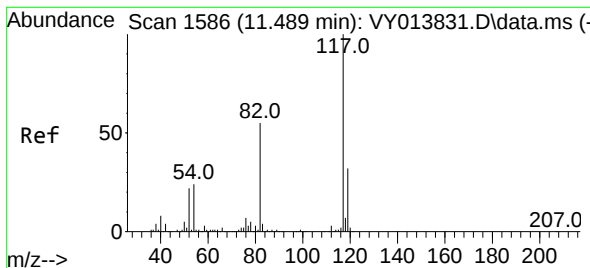
Tgt Ion: 98 Resp: 330733
Ion Ratio Lower Upper
98 100
100 62.4 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 49.363 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013928.D
Acq: 30 May 2023 18:39

Tgt Ion: 95 Resp: 107718
Ion Ratio Lower Upper
95 100
174 94.9 0.0 176.0
176 91.1 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: VY013928.D

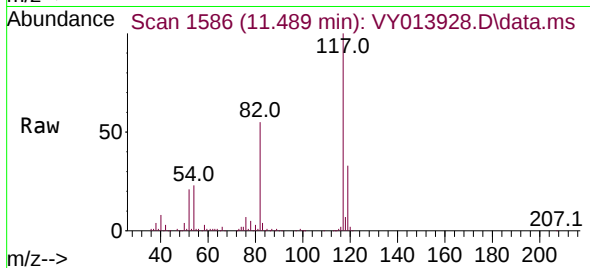
Acq: 30 May 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

CB-32-G3-SO-62.5-051823-FD



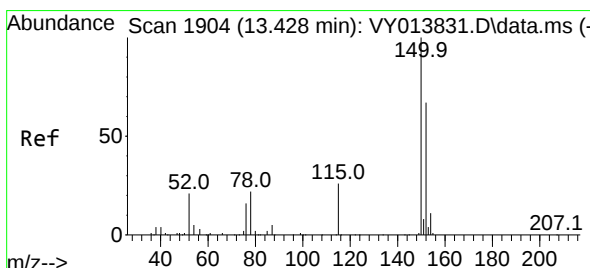
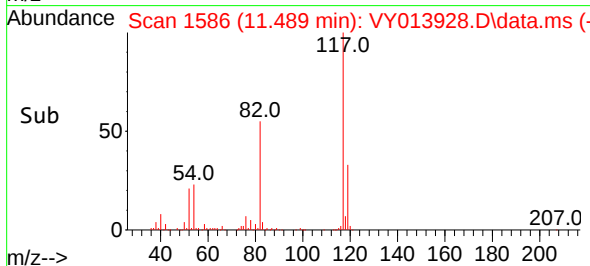
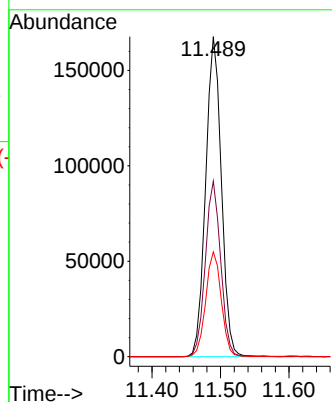
Tgt Ion:117 Resp: 267527

Ion Ratio Lower Upper

117 100

82 54.9 44.2 66.4

119 32.8 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: VY013928.D

Acq: 30 May 2023 18:39

Tgt Ion:152 Resp: 125545

Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.5

150 158.2 0.0 353.4

