

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013922.D
 Acq On : 30 May 2023 16:19
 Operator : KP/MD
 Sample : 02852-08
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-32-G3-SO-45-051823

Quant Time: May 31 03:27:13 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)

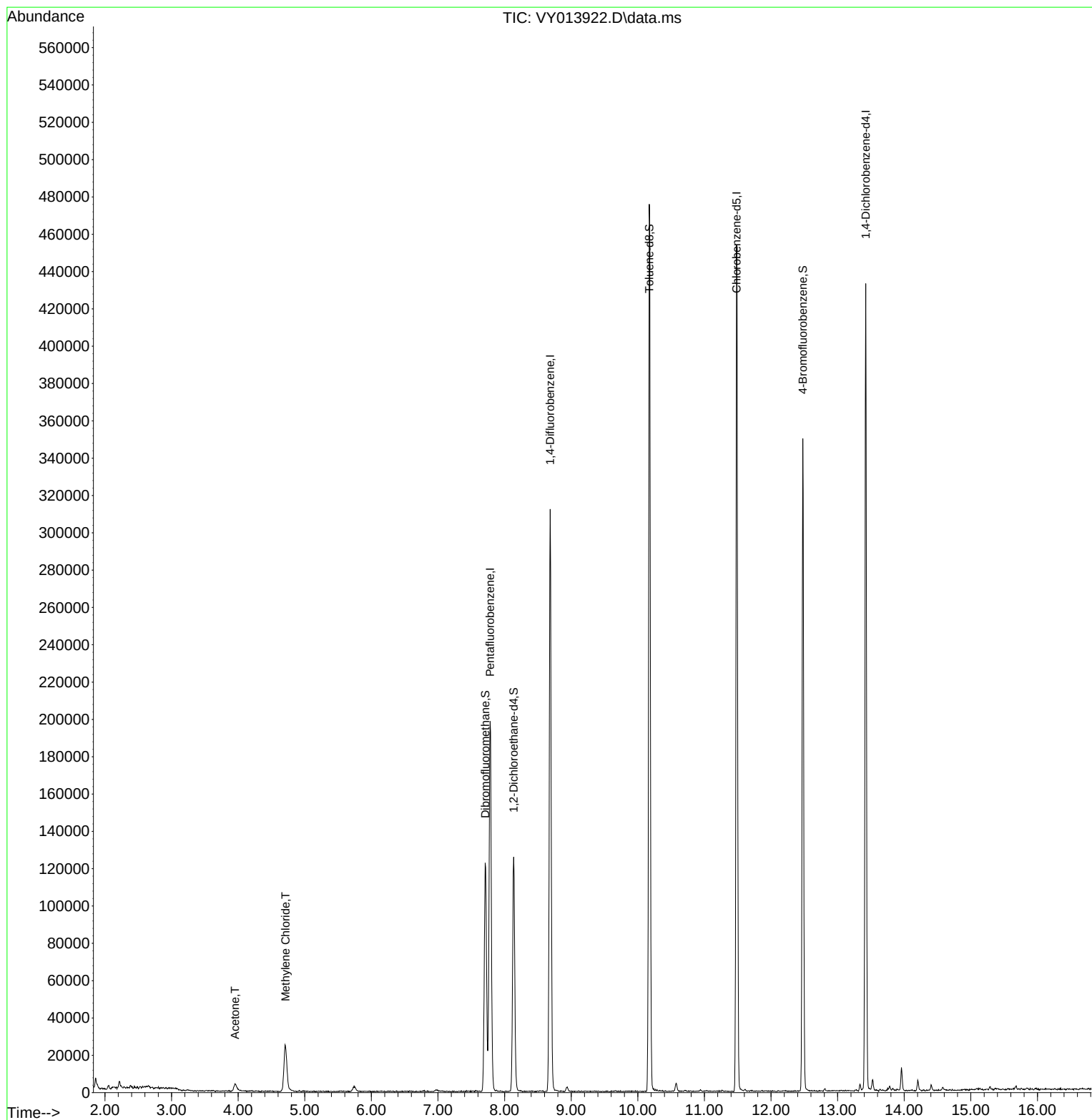
Internal Standards						
1) Pentafluorobenzene	7.783	168	156124	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	255883	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.483	117	242227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103742	57.437	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.880%
35) Dibromofluoromethane	7.709	113	84179	50.940	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.880%
50) Toluene-d8	10.172	98	316518	50.396	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.477	95	96638	46.289	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.580%
Target Compounds						
16) Acetone	3.954	43	8612	16.065	ug/l	97
20) Methylene Chloride	4.710	84	18064	7.336	ug/l	96

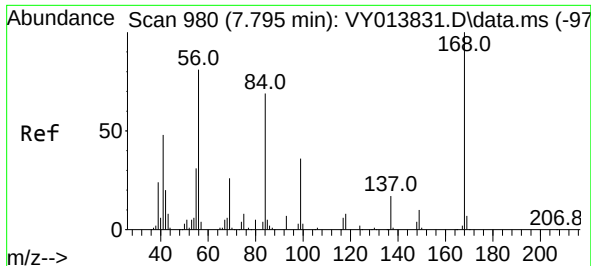
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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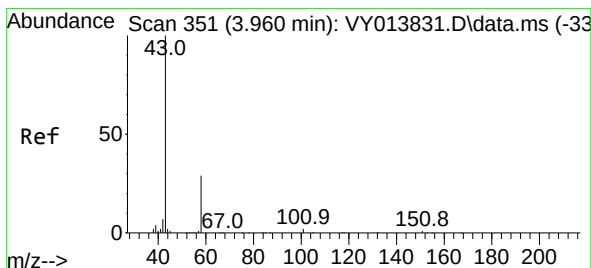
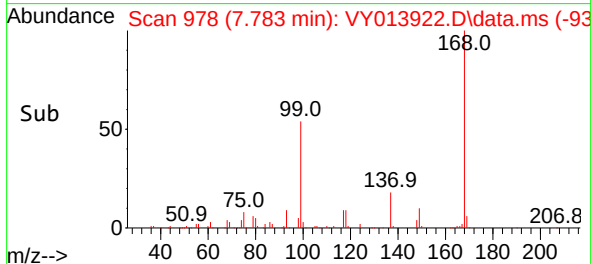
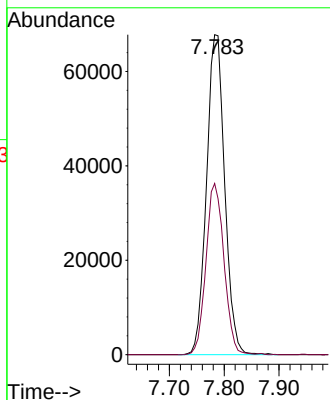
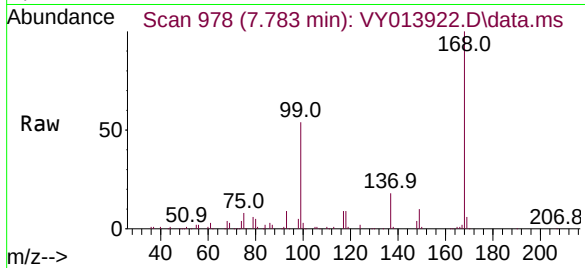




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

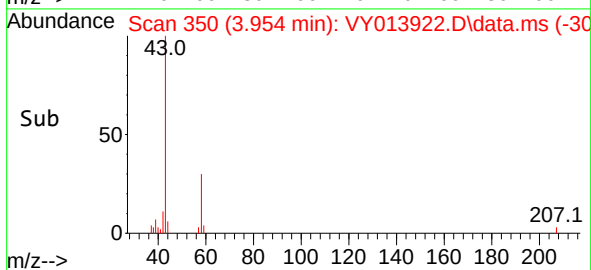
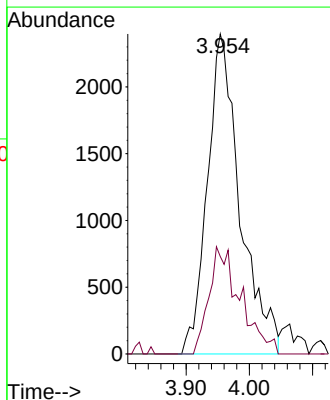
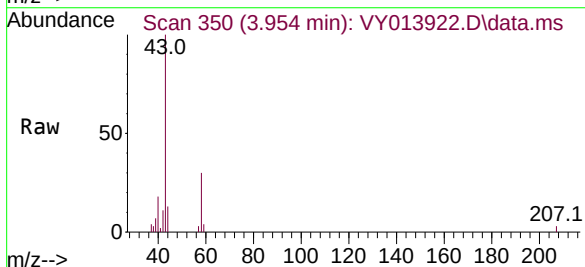
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-45-051823

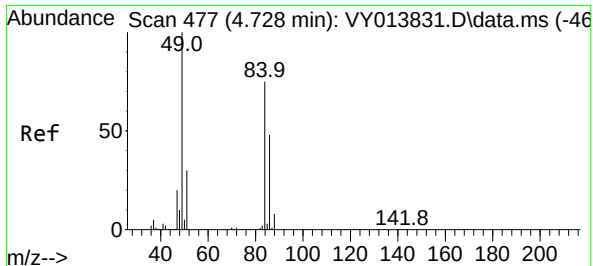
Tgt Ion:168 Resp: 156124
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.2



#16
Acetone
Concen: 16.065 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

Tgt Ion: 43 Resp: 8612
Ion Ratio Lower Upper
43 100
58 30.5 23.3 34.9

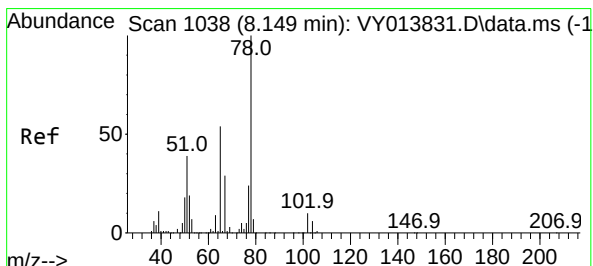
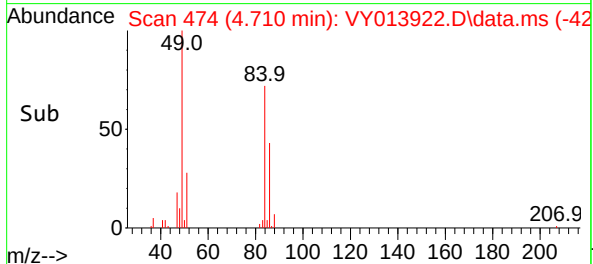
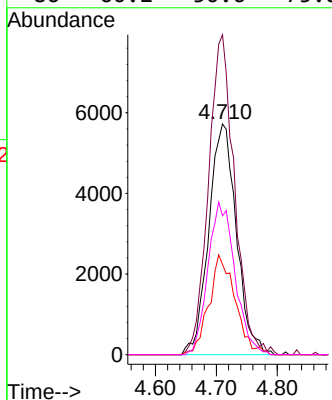
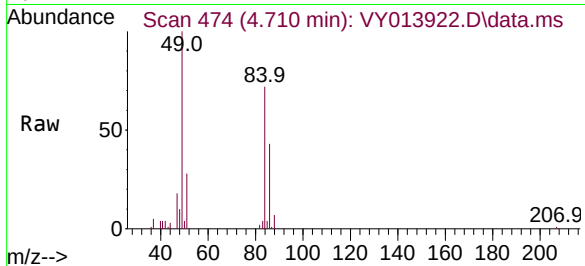




#20
Methylene Chloride
Concen: 7.336 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

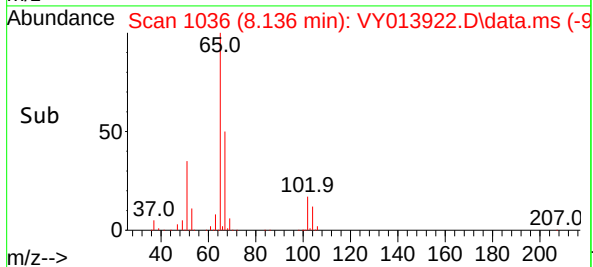
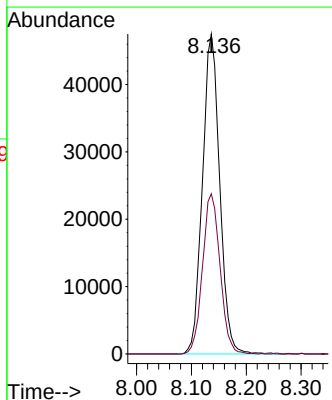
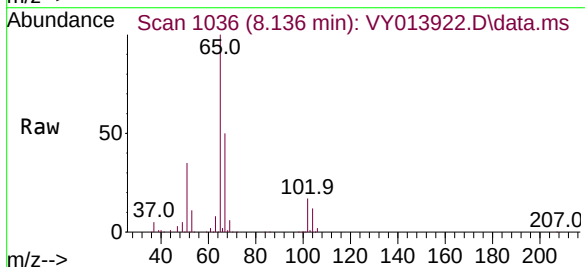
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-45-051823

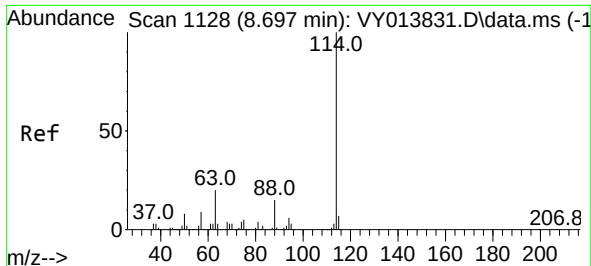
Tgt Ion: 84 Resp: 18064
Ion Ratio Lower Upper
84 100
49 138.7 106.2 159.2
51 39.1 31.4 47.0
86 60.2 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 57.437 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

Tgt Ion: 65 Resp: 103742
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VY013922.D

Acq: 30 May 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

CB-32-G3-SO-45-051823

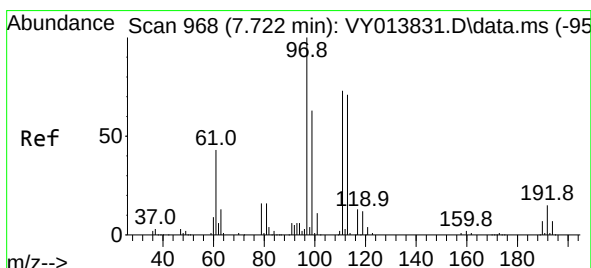
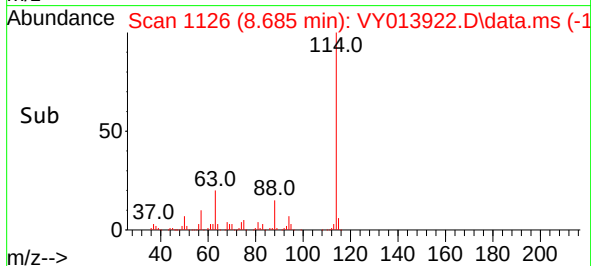
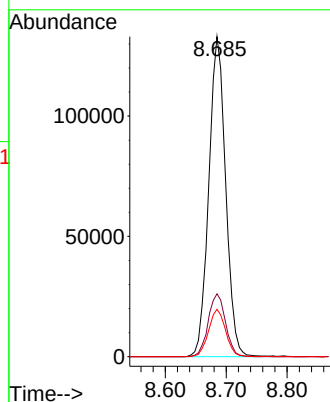
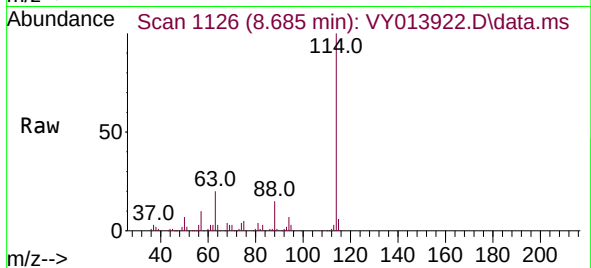
Tgt Ion:114 Resp: 255883

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.2

88 14.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 50.940 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.012 min

Lab File: VY013922.D

Acq: 30 May 2023 16:19

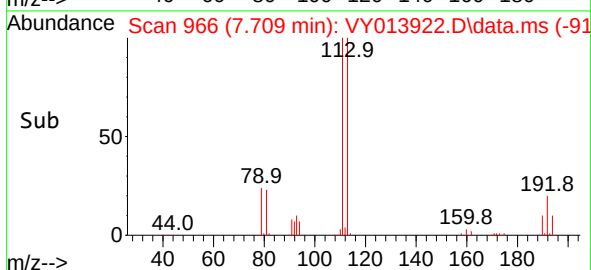
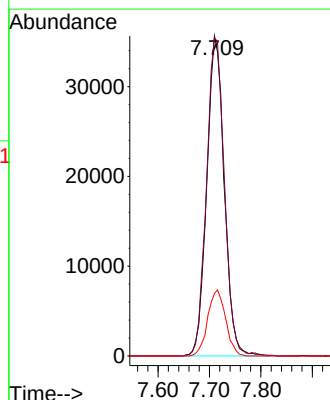
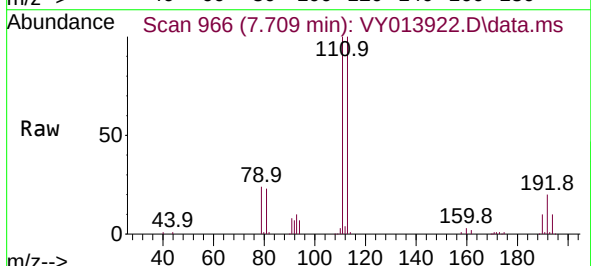
Tgt Ion:113 Resp: 84179

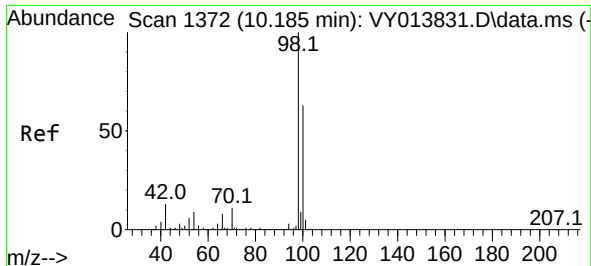
Ion Ratio Lower Upper

113 100

111 102.1 80.4 120.6

192 21.2 16.6 25.0

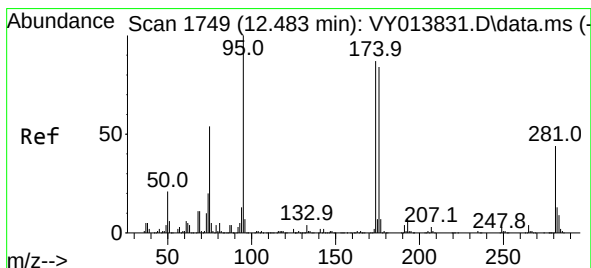
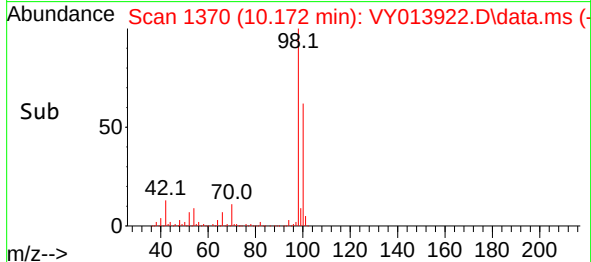
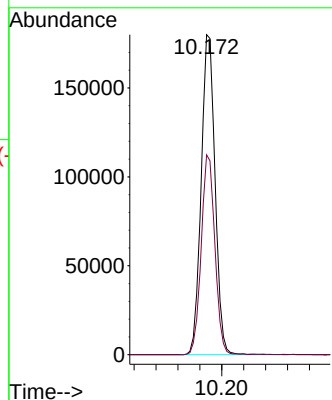
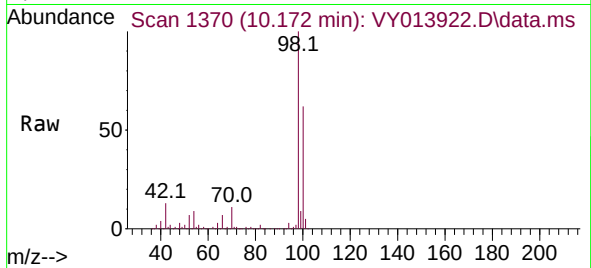




#50
Toluene-d8
Concen: 50.396 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

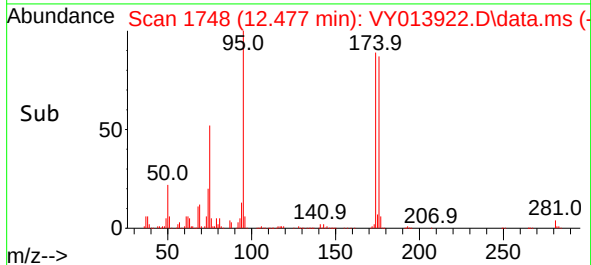
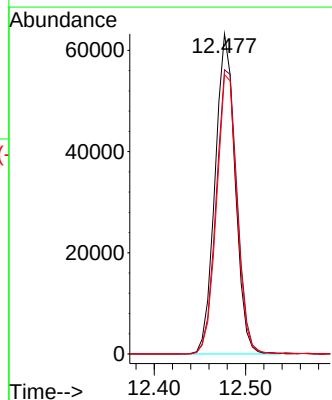
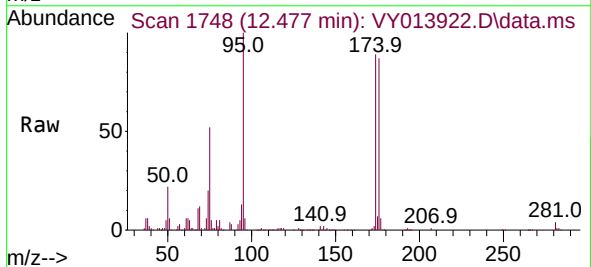
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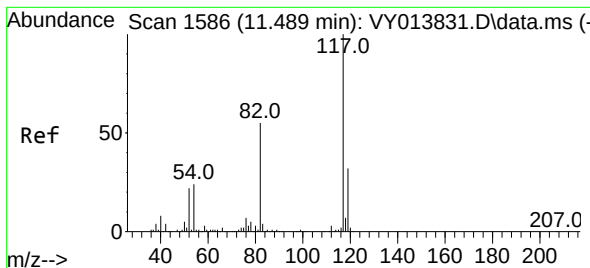
Tgt Ion: 98 Resp: 316518
Ion Ratio Lower Upper
98 100
100 61.5 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 46.289 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013922.D
Acq: 30 May 2023 16:19

Tgt Ion: 95 Resp: 96638
Ion Ratio Lower Upper
95 100
174 93.4 0.0 176.0
176 88.8 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013922.D

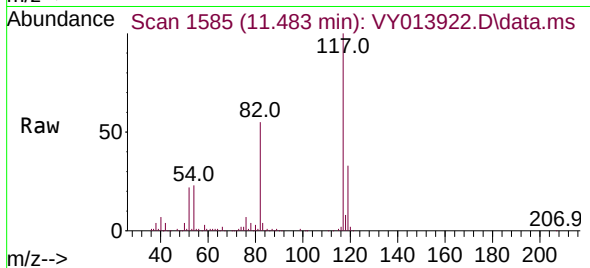
Acq: 30 May 2023 16:19

Instrument :

MSVOA_Y

ClientSampleId :

CB-32-G3-SO-45-051823



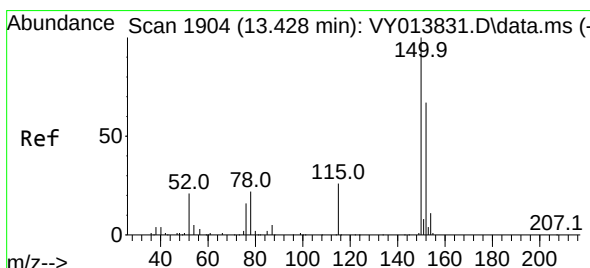
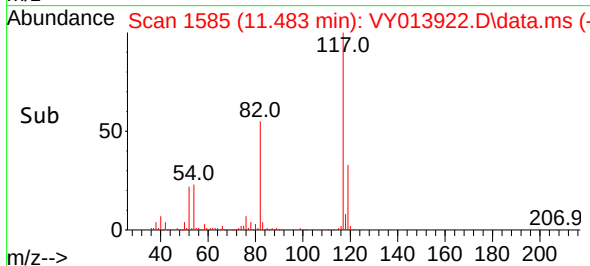
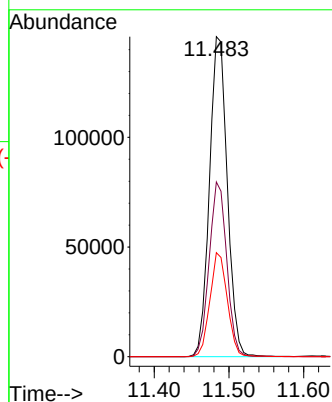
Tgt Ion:117 Resp: 242227

Ion Ratio Lower Upper

117 100

82 54.6 44.2 66.4

119 32.5 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: VY013922.D

Acq: 30 May 2023 16:19

Tgt Ion:152 Resp: 108867

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 157.9 0.0 353.4

