

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010051.D
 Acq On : 16 Aug 2022 18:21
 Operator : KP/MD
 Sample : N4199-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HD-02-081222

Quant Time: Aug 17 05:14:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

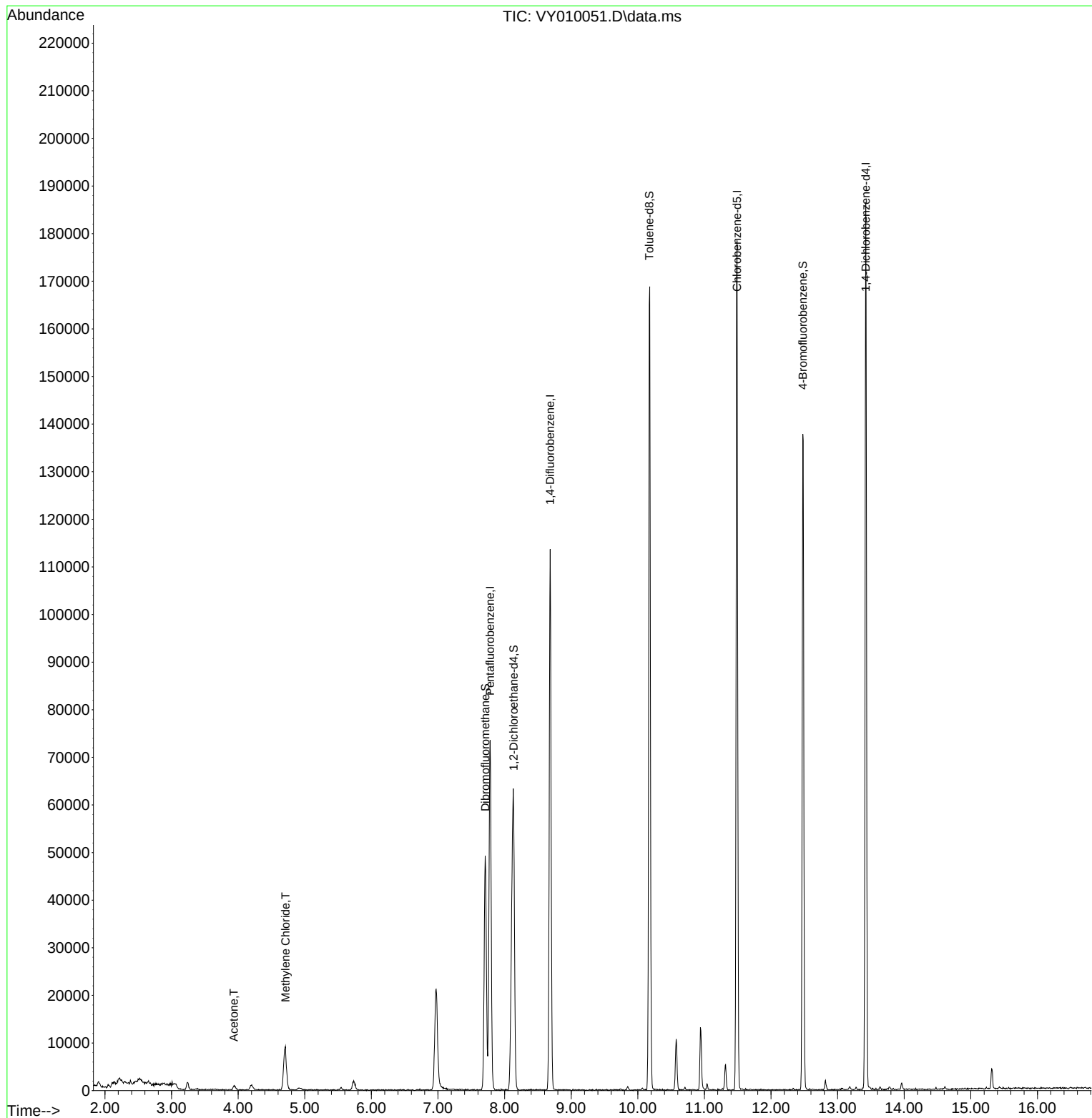
Internal Standards						
1) Pentafluorobenzene	7.783	168	60007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	96710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	97814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	37794	62.991	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.980%	
35) Dibromofluoromethane	7.710	113	33568	53.523	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.040%	
50) Toluene-d8	10.173	98	109988	47.402	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.800%	
62) 4-Bromofluorobenzene	12.477	95	39056	47.922	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.840%	
Target Compounds						
						Qvalue
16) Acetone	3.936	43	1689	13.143	ug/l	90
20) Methylene Chloride	4.710	84	6755	8.570	ug/l	91

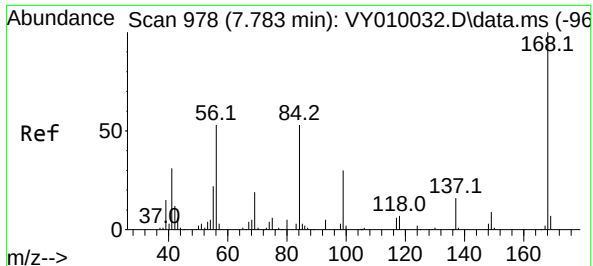
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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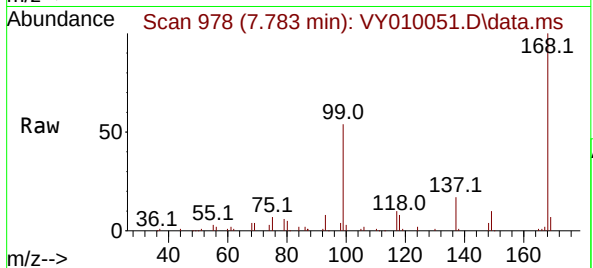
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
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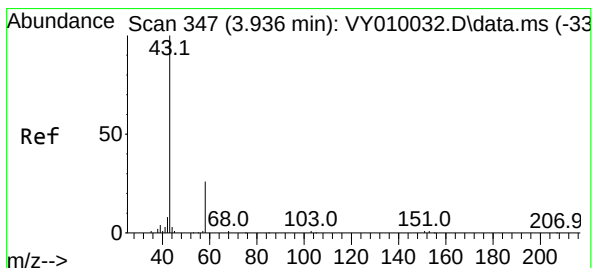
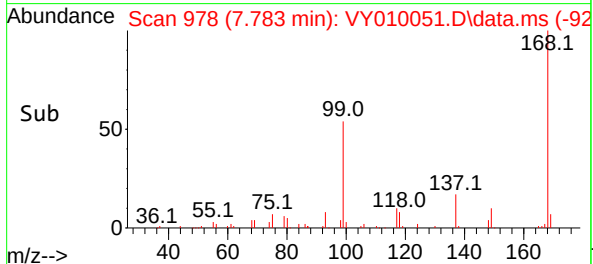
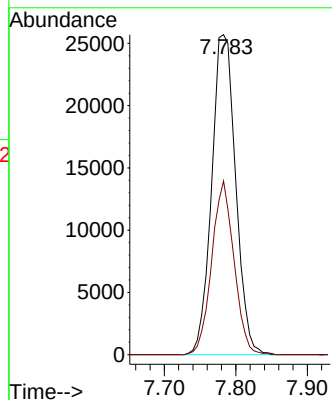


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010051.D
Acq: 16 Aug 2022 18:21

Instrument :
MSVOA_Y
ClientSampleId :
HD-02-081222

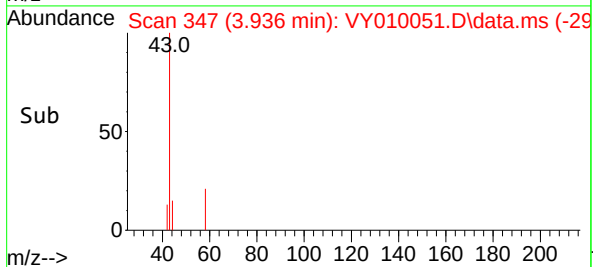
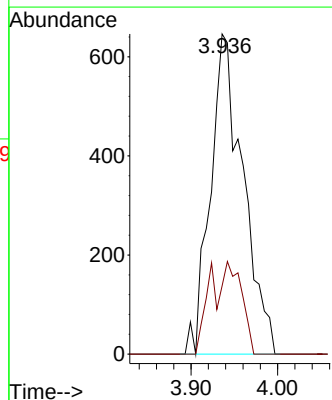
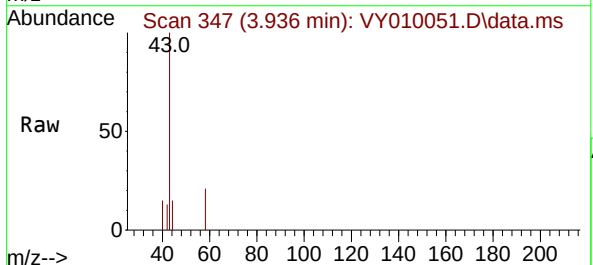


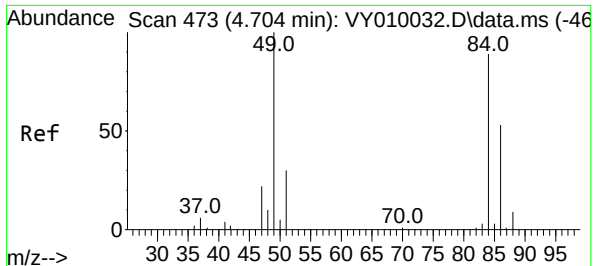
Tgt Ion:168 Resp: 60007
Ion Ratio Lower Upper
168 100
99 54.3 37.7 56.5



#16
Acetone
Concen: 13.143 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010051.D
Acq: 16 Aug 2022 18:21

Tgt Ion: 43 Resp: 1689
Ion Ratio Lower Upper
43 100
58 21.4 21.4 32.0





#20

Methylene Chloride

Concen: 8.570 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY010051.D

Acq: 16 Aug 2022 18:21

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-081222

Tgt Ion: 84 Resp: 6755

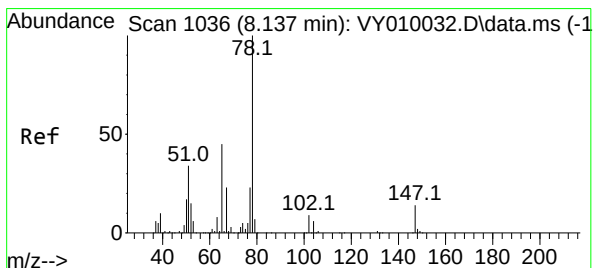
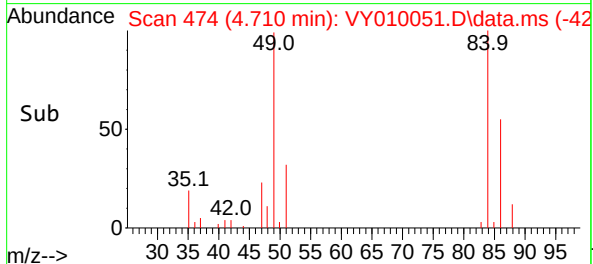
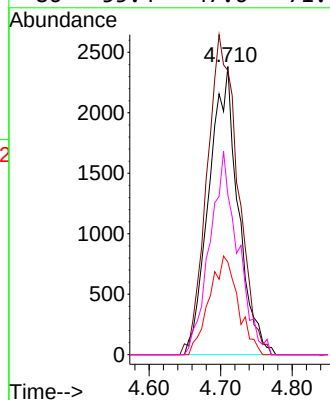
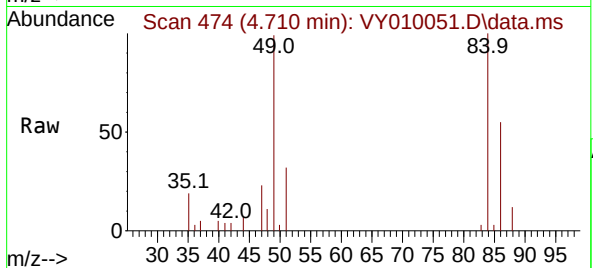
Ion Ratio Lower Upper

84 100

49 98.6 89.5 134.3

51 32.1 26.8 40.2

86 55.4 47.6 71.4



#33

1,2-Dichloroethane-d4

Concen: 62.991 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010051.D

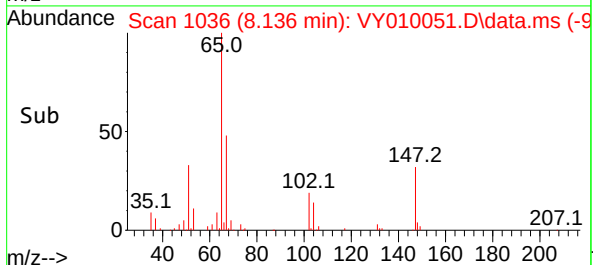
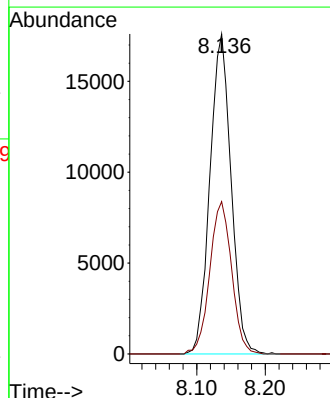
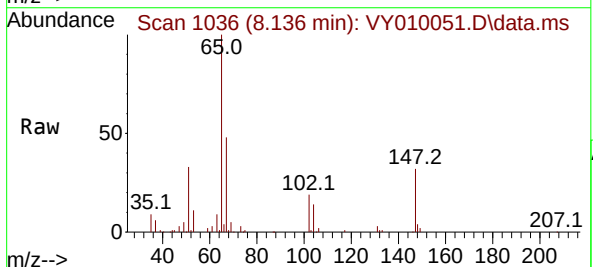
Acq: 16 Aug 2022 18:21

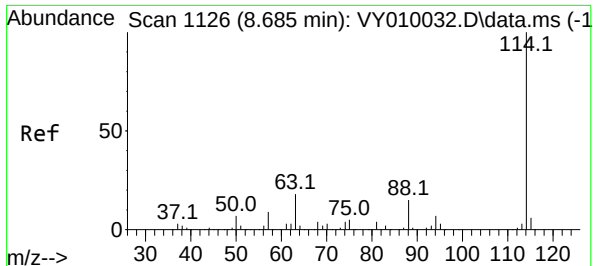
Tgt Ion: 65 Resp: 37794

Ion Ratio Lower Upper

65 100

67 49.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010051.D

Acq: 16 Aug 2022 18:21

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-081222

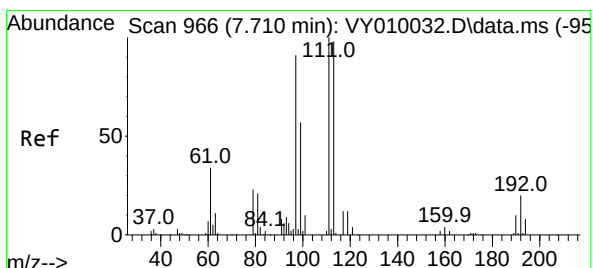
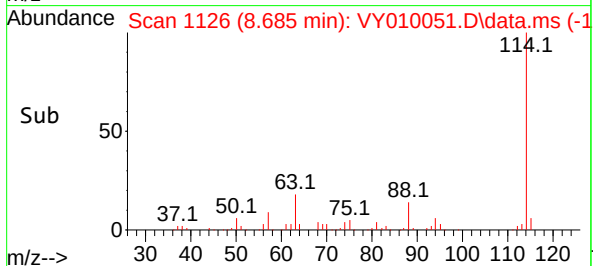
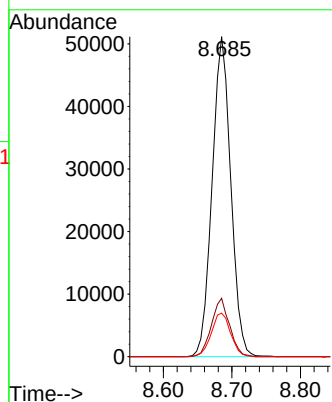
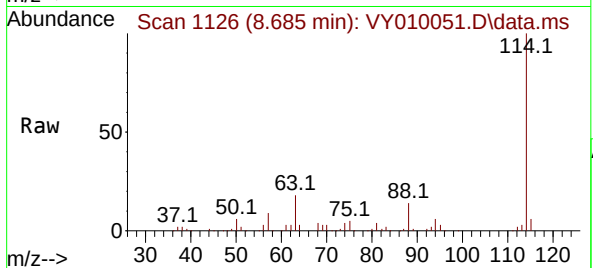
Tgt Ion:114 Resp: 96710

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.2

88 13.6 0.0 30.2



#35

Dibromofluoromethane

Concen: 53.523 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010051.D

Acq: 16 Aug 2022 18:21

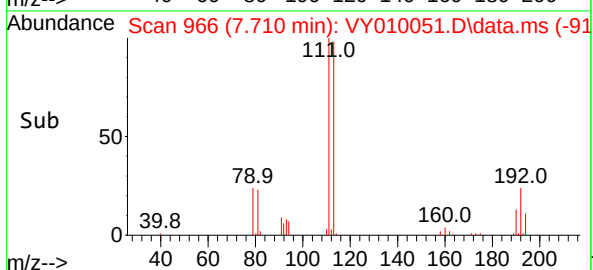
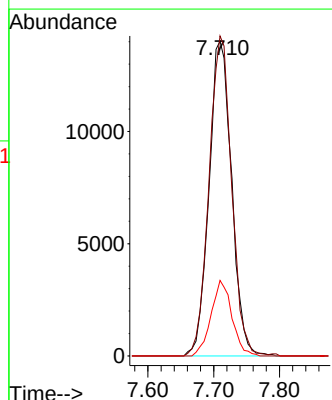
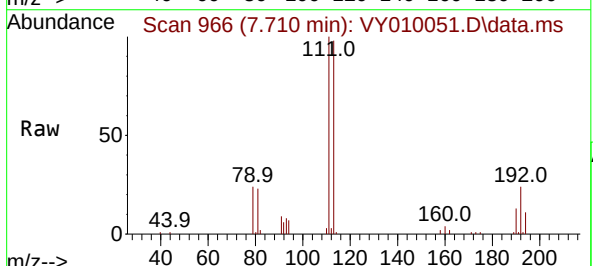
Tgt Ion:113 Resp: 33568

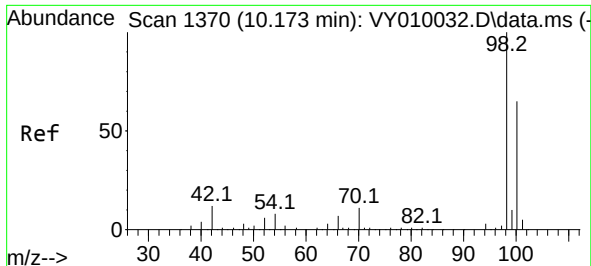
Ion Ratio Lower Upper

113 100

111 101.4 82.7 124.1

192 22.2 17.2 25.8

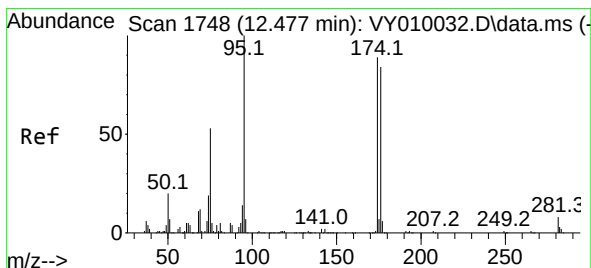
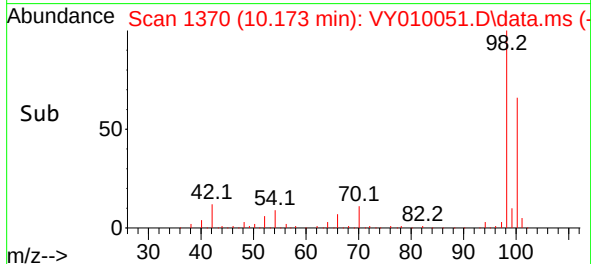
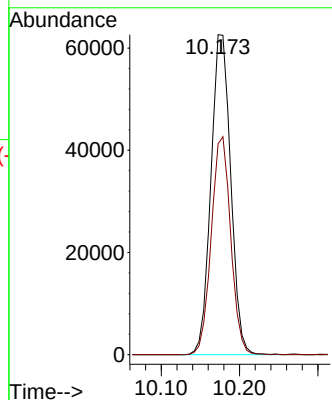
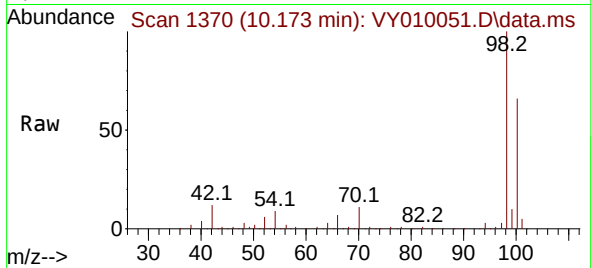




#50
Toluene-d8
Concen: 47.402 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010051.D
Acq: 16 Aug 2022 18:21

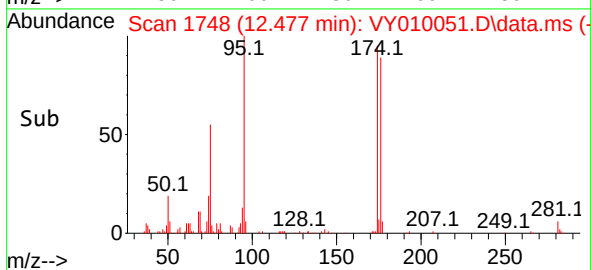
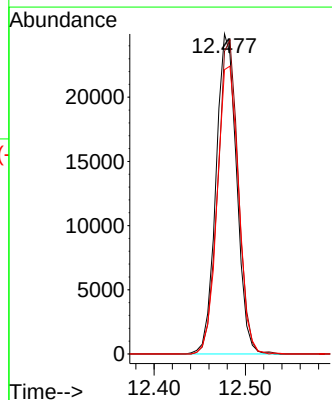
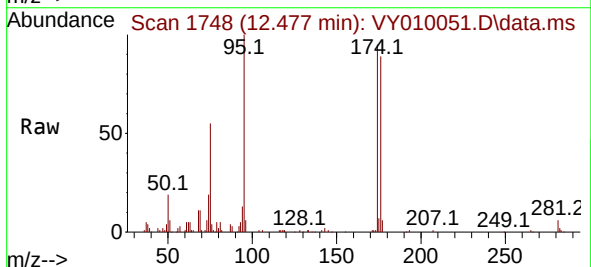
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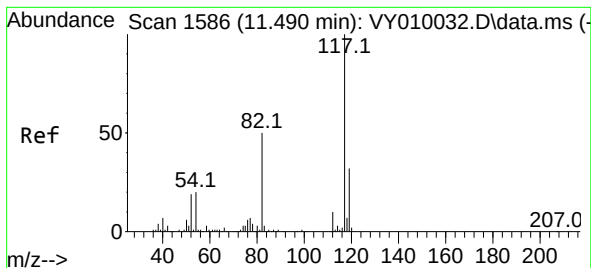
Tgt Ion: 98 Resp: 109988
Ion Ratio Lower Upper
98 100
100 66.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.922 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010051.D
Acq: 16 Aug 2022 18:21

Tgt Ion: 95 Resp: 39056
Ion Ratio Lower Upper
95 100
174 98.1 0.0 184.2
176 93.8 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010051.D

Acq: 16 Aug 2022 18:21

Instrument :

MSVOA_Y

ClientSampleId :

HD-02-081222

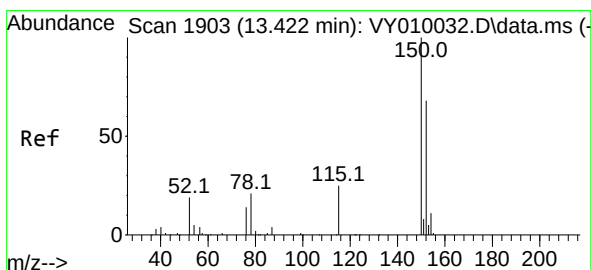
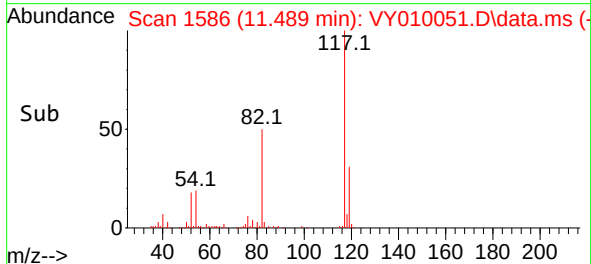
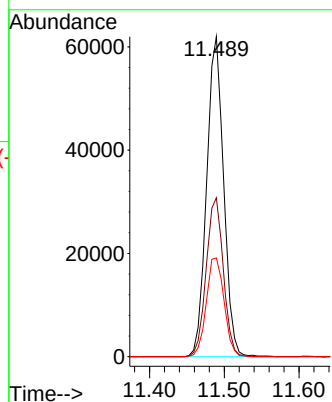
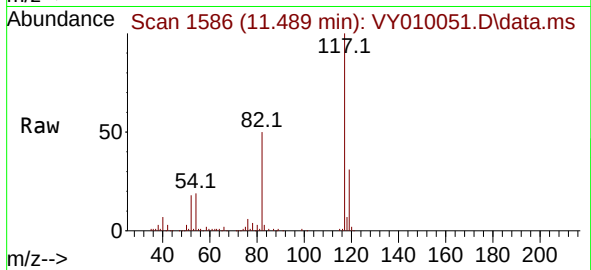
Tgt Ion:117 Resp: 97814

Ion Ratio Lower Upper

117 100

82 49.7 39.8 59.6

119 30.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010051.D

Acq: 16 Aug 2022 18:21

Tgt Ion:152 Resp: 48973

Ion Ratio Lower Upper

152 100

115 54.0 28.1 84.3

150 156.1 0.0 346.6

