

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010061.D
 Acq On : 17 Aug 2022 12:20
 Operator : KP/MD
 Sample : N4218-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-081522

Quant Time: Aug 17 14:57:24 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)

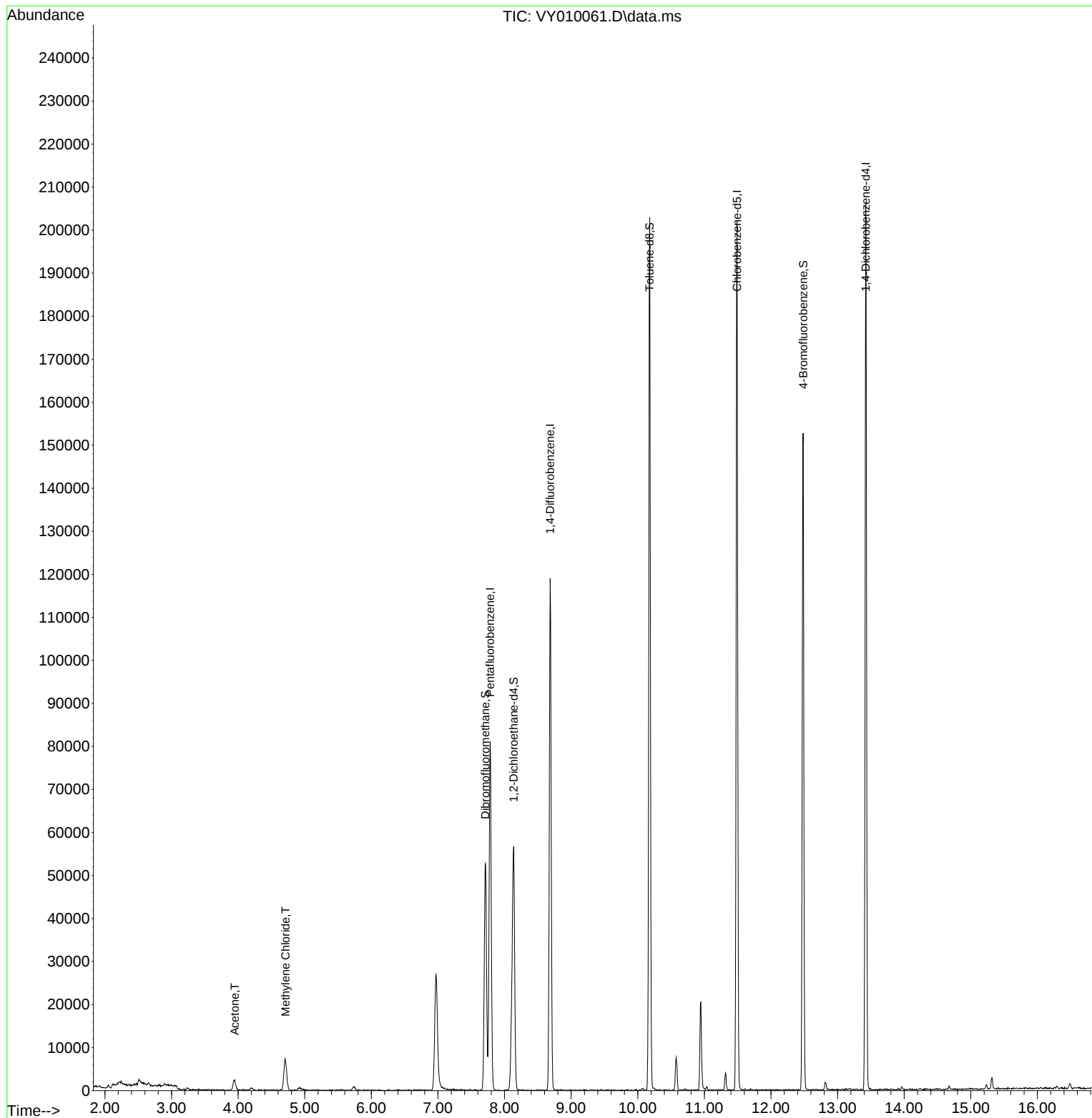
Internal Standards						
1) Pentafluorobenzene	7.783	168	65584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	105041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	114437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	39787	60.674	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.340%			
35) Dibromofluoromethane	7.710	113	36053	52.926	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.860%			
50) Toluene-d8	10.179	98	133375	52.922	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.840%			
62) 4-Bromofluorobenzene	12.483	95	46515	52.548	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.100%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	4364	31.070	ug/l #	88
20) Methylene Chloride	4.710	84	5462	5.400	ug/l	95

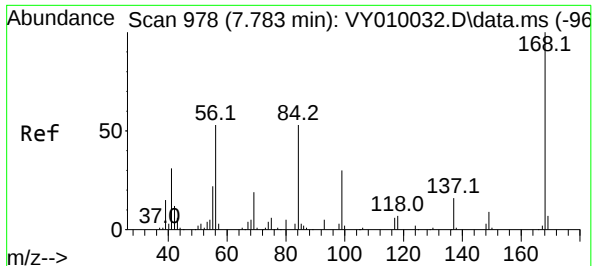
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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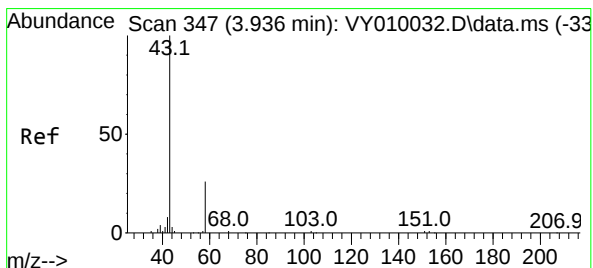
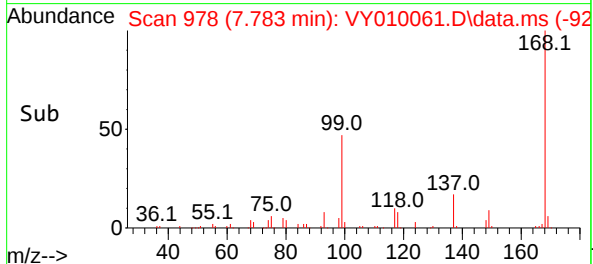
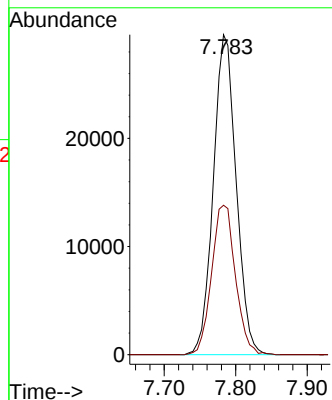
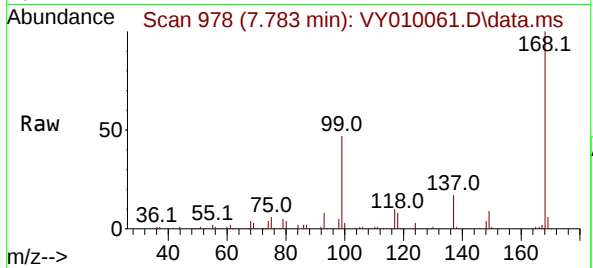




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010061.D
Acq: 17 Aug 2022 12:20

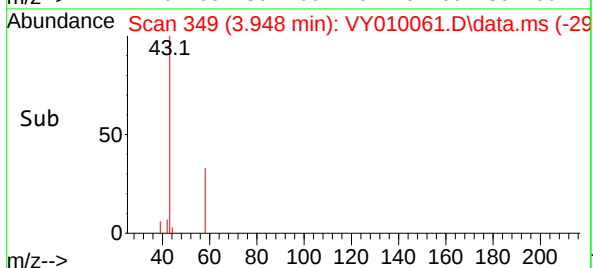
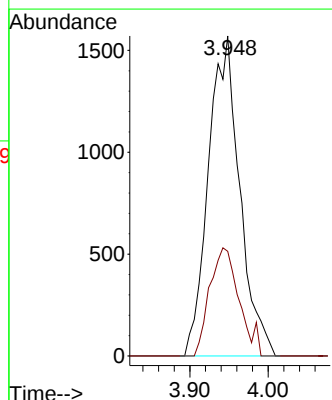
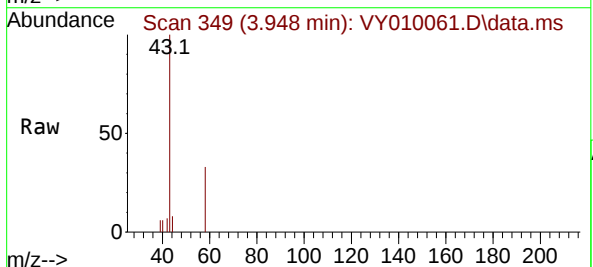
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-081522

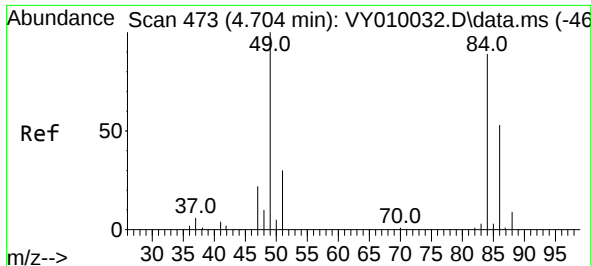
Tgt Ion:168 Resp: 65584
Ion Ratio Lower Upper
168 100
99 46.7 37.7 56.5



#16
Acetone
Concen: 31.070 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY010061.D
Acq: 17 Aug 2022 12:20

Tgt Ion: 43 Resp: 4364
Ion Ratio Lower Upper
43 100
58 32.7 21.4 32.0#

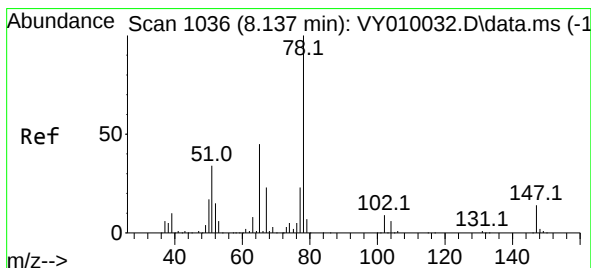
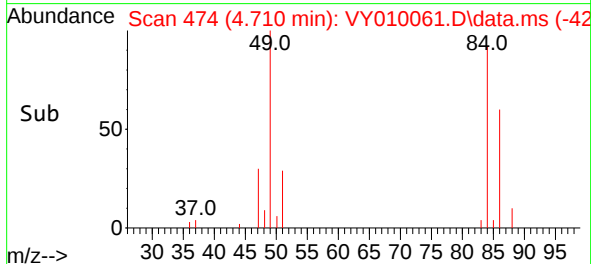
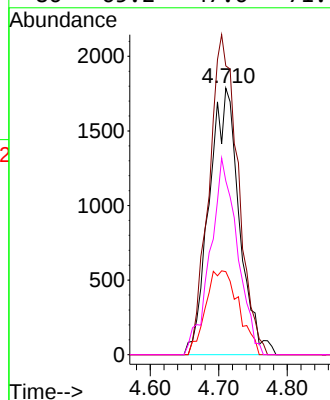
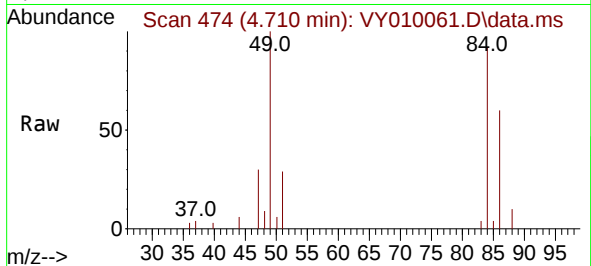




#20
Methylene Chloride
Concen: 5.400 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010061.D
Acq: 17 Aug 2022 12:20

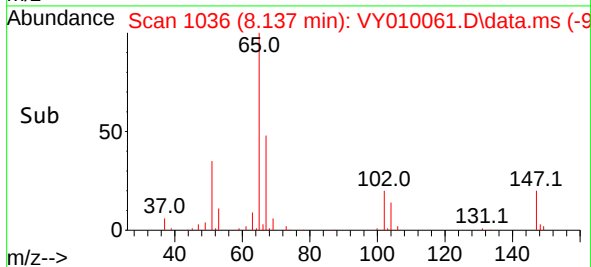
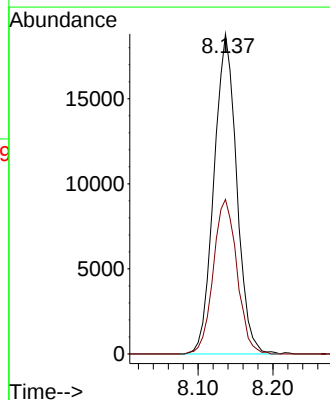
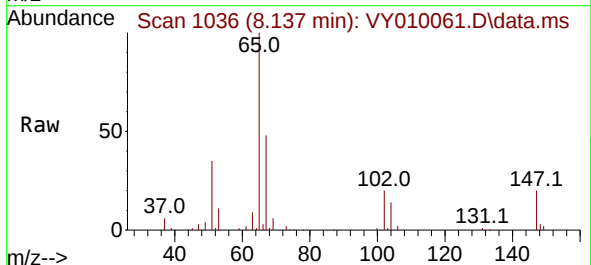
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-081522

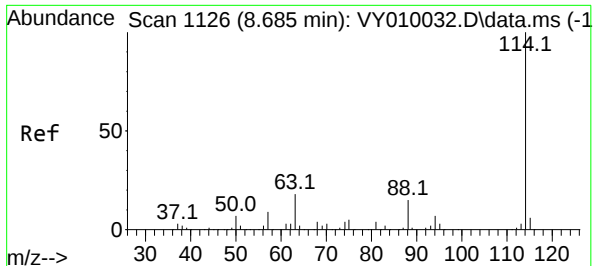
Tgt Ion:	84	Resp:	5462
Ion	Ratio	Lower	Upper
84	100		
49	108.3	89.5	134.3
51	31.2	26.8	40.2
86	65.2	47.6	71.4



#33
1,2-Dichloroethane-d4
Concen: 60.674 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010061.D
Acq: 17 Aug 2022 12:20

Tgt Ion:	65	Resp:	39787
Ion	Ratio	Lower	Upper
65	100		
67	50.4	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: VY010061.D

Acq: 17 Aug 2022 12:20

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-081522

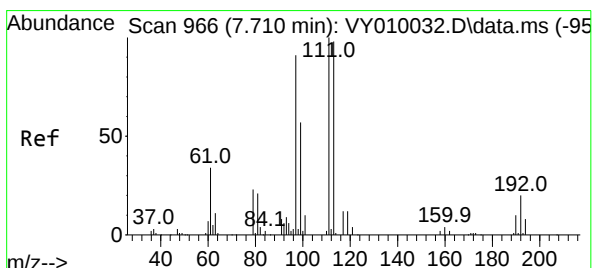
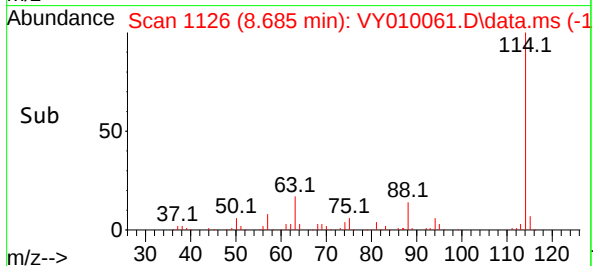
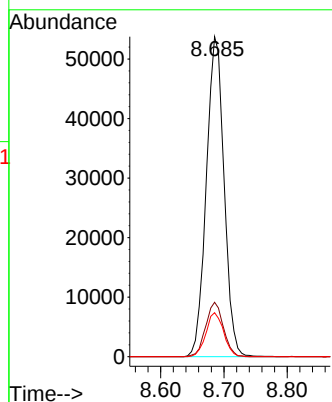
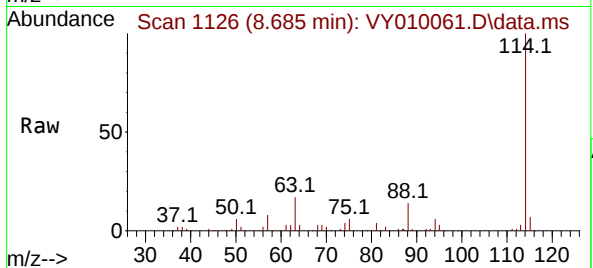
Tgt Ion:114 Resp: 105041

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.2

88 13.7 0.0 30.2



#35

Dibromofluoromethane

Concen: 52.926 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010061.D

Acq: 17 Aug 2022 12:20

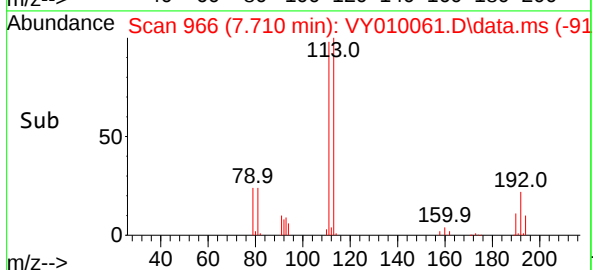
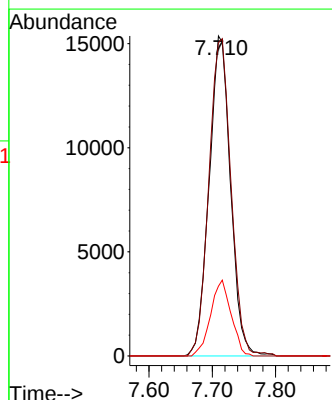
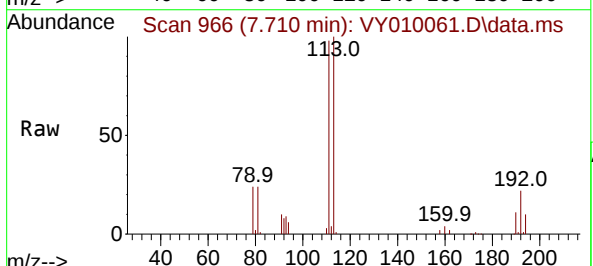
Tgt Ion:113 Resp: 36053

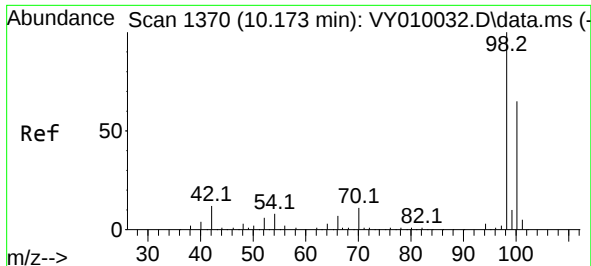
Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

192 22.8 17.2 25.8

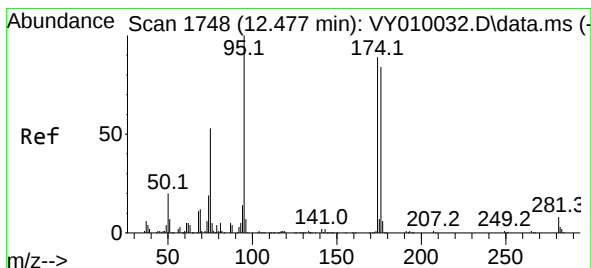
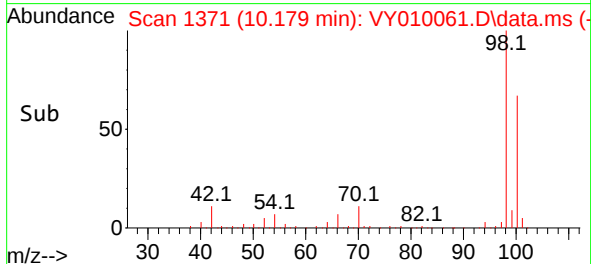
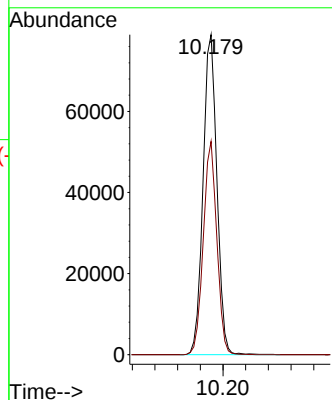
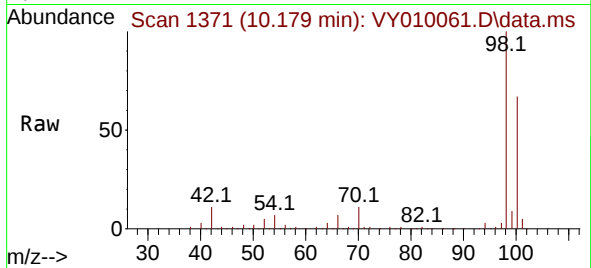




#50
Toluene-d8
Concen: 52.922 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY010061.D
Acq: 17 Aug 2022 12:20

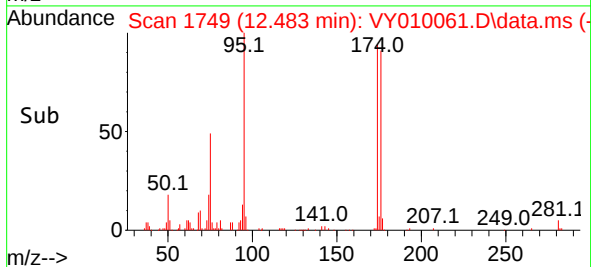
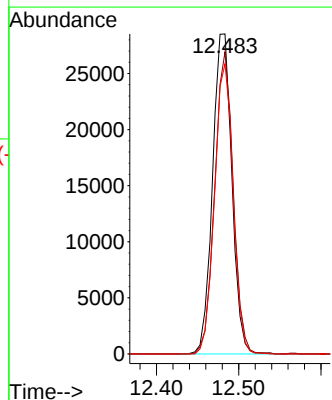
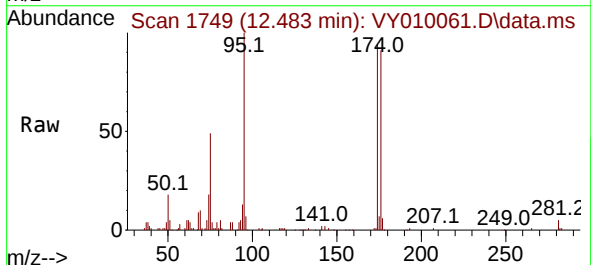
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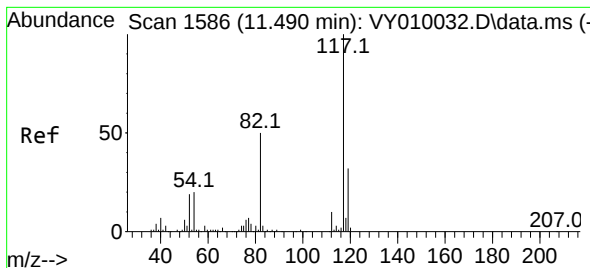
Tgt Ion: 98 Resp: 133375
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.548 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010061.D
Acq: 17 Aug 2022 12:20

Tgt Ion: 95 Resp: 46515
Ion Ratio Lower Upper
95 100
174 90.5 0.0 184.2
176 87.4 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010061.D

Acq: 17 Aug 2022 12:20

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-081522

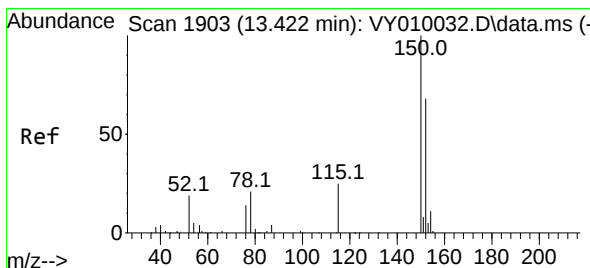
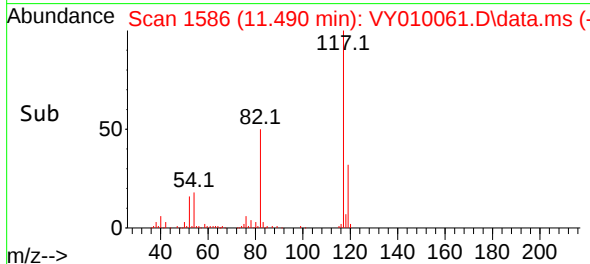
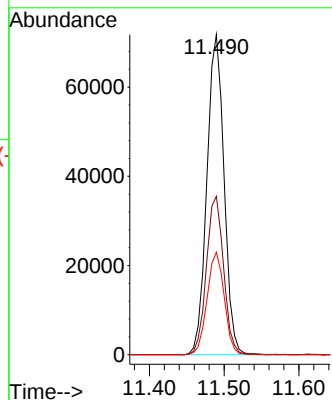
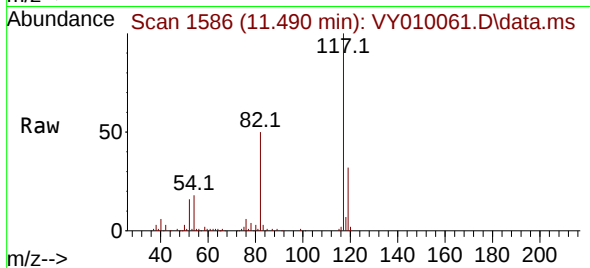
Tgt Ion:117 Resp: 114437

Ion Ratio Lower Upper

117 100

82 49.5 39.8 59.6

119 32.0 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: VY010061.D

Acq: 17 Aug 2022 12:20

Tgt Ion:152 Resp: 55268

Ion Ratio Lower Upper

152 100

115 55.3 28.1 84.3

150 156.1 0.0 346.6

