

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008752.D
 Acq On : 13 May 2022 16:25
 Operator : KP/MD
 Sample : N2781-17
 Misc : 7.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P018-SS001-0006-01

Quant Time: May 16 05:53:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	150166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	244086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104349	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98811	66.072	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.140%
35) Dibromofluoromethane	7.715	113	88740	55.012	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.020%
50) Toluene-d8	10.178	98	324523	53.346	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.700%
62) 4-Bromofluorobenzene	12.483	95	94698	44.930	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.860%

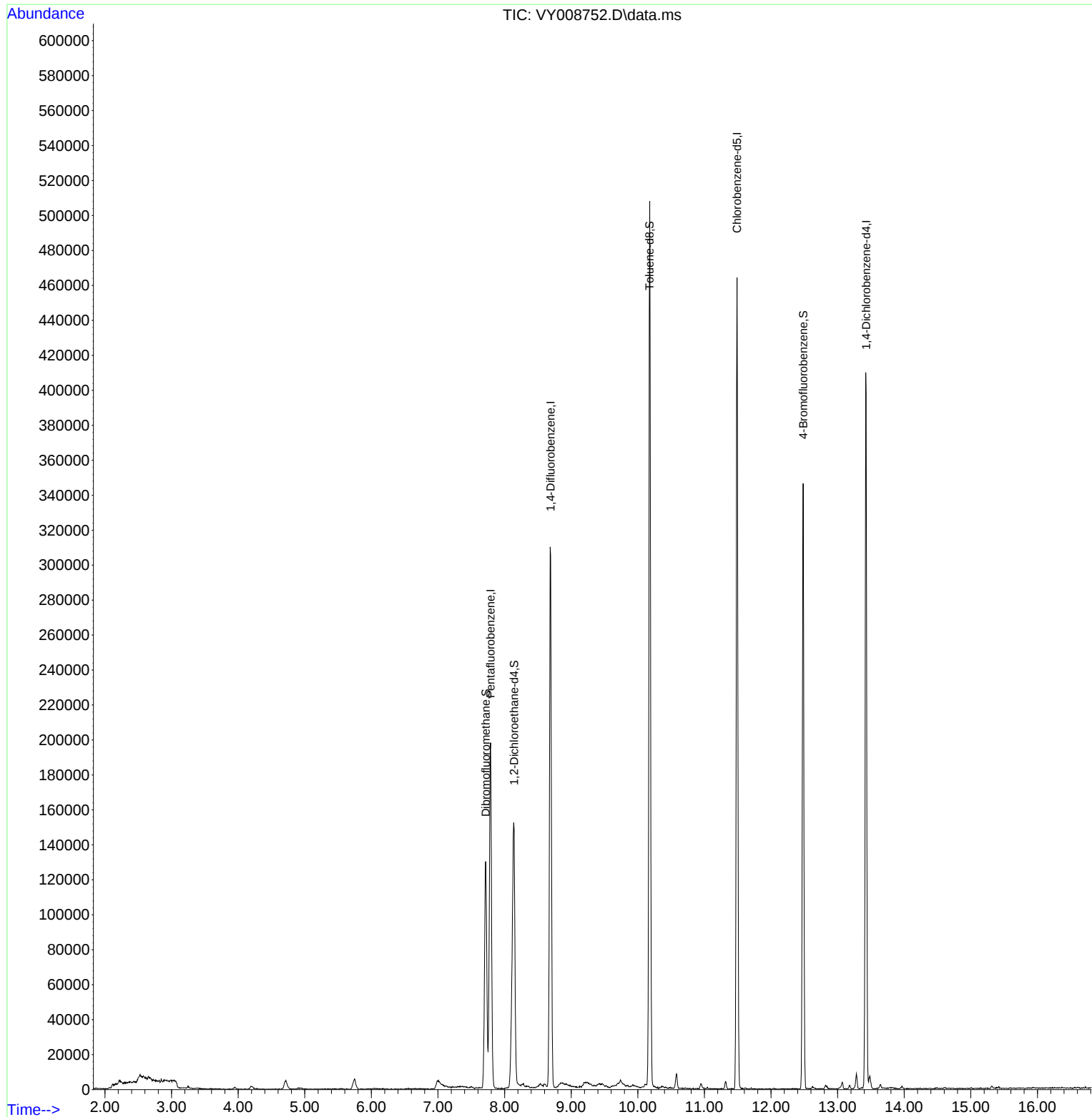
Target Compounds	Qvalue

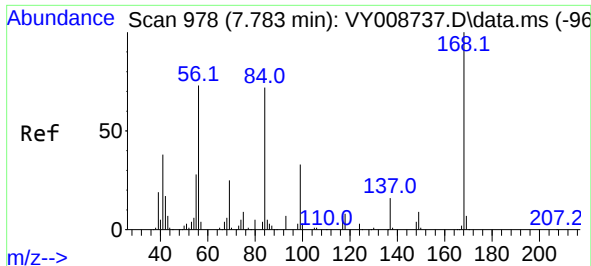
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY008752.D

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Instrument :

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ClientSampleId :

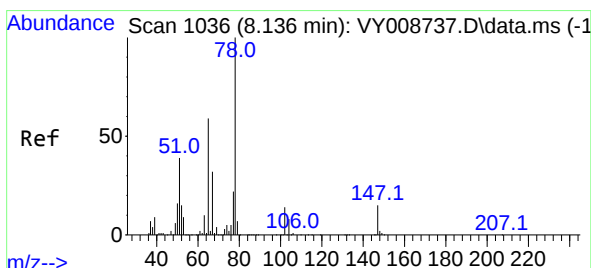
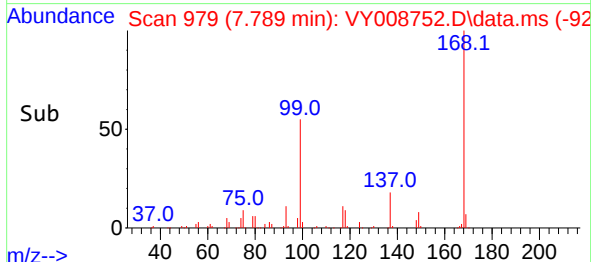
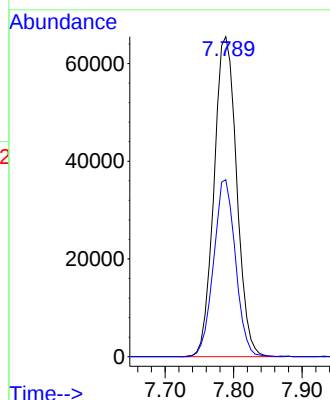
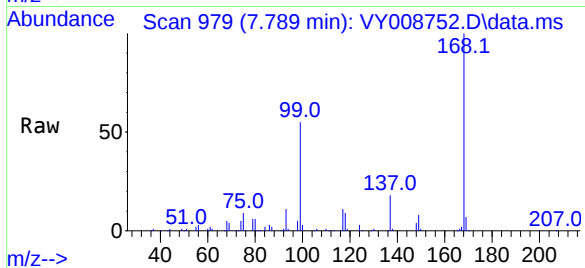
P018-SS001-0006-01

Tgt Ion:168 Resp: 150166

Ion Ratio Lower Upper

168 100

99 55.3 42.3 63.5



#33

1,2-Dichloroethane-d4

Concen: 66.072 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY008752.D

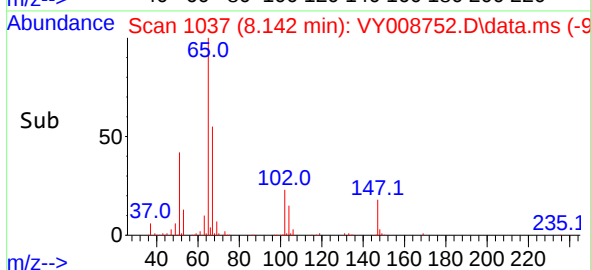
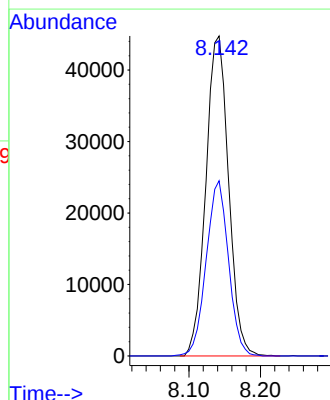
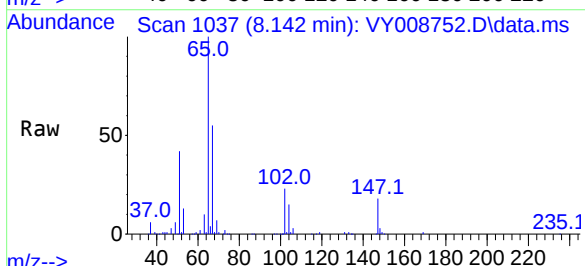
Acq: 13 May 2022 16:25

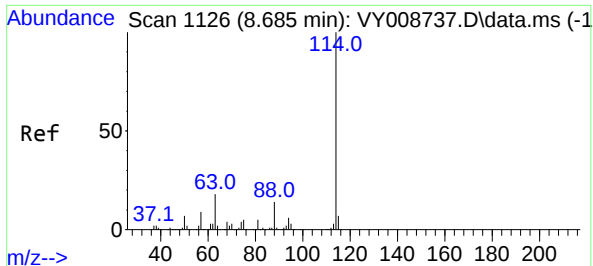
Tgt Ion: 65 Resp: 98811

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008752.D

Acq: 13 May 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

P018-SS001-0006-01

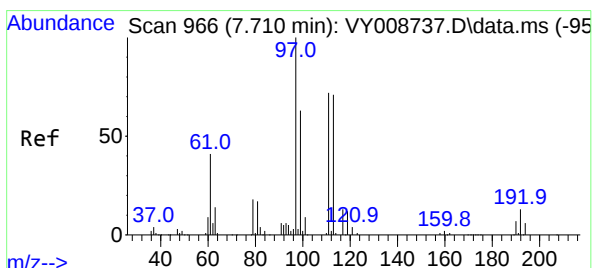
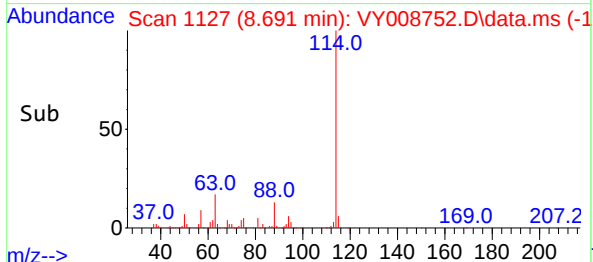
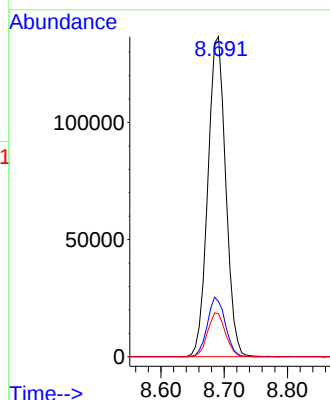
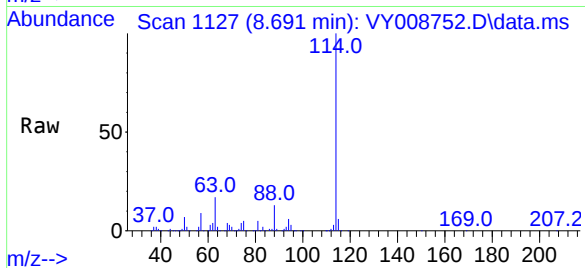
Tgt Ion:114 Resp: 268764

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.4

88 13.4 0.0 27.4



#35

Dibromofluoromethane

Concen: 55.012 ug/l

RT: 7.715 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY008752.D

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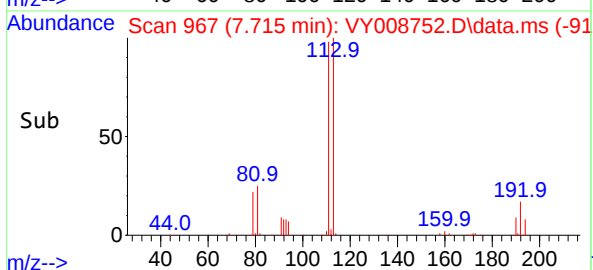
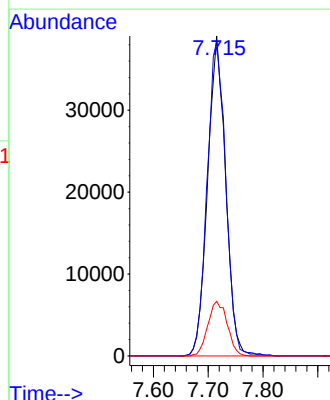
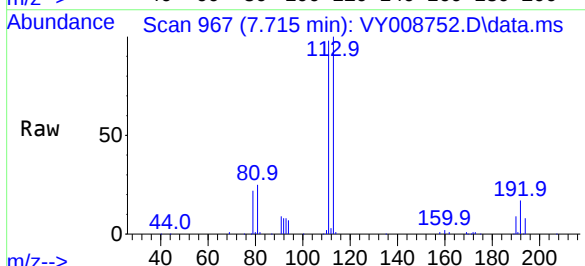
Tgt Ion:113 Resp: 88740

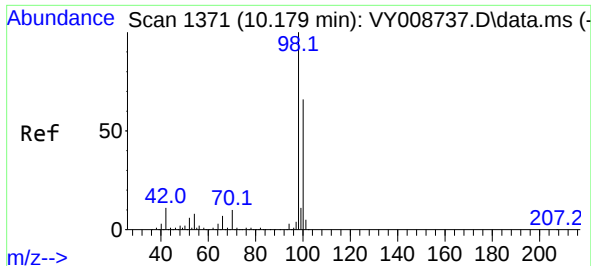
Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.6

192 18.5 14.5 21.7

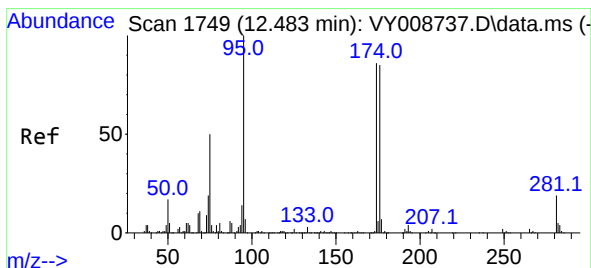
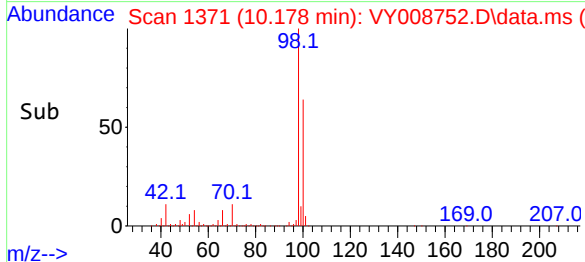
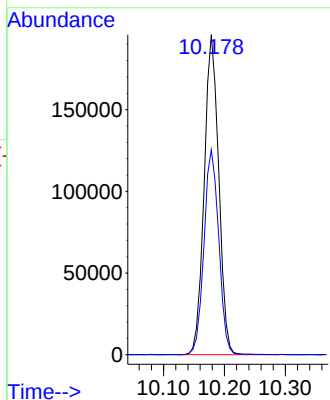
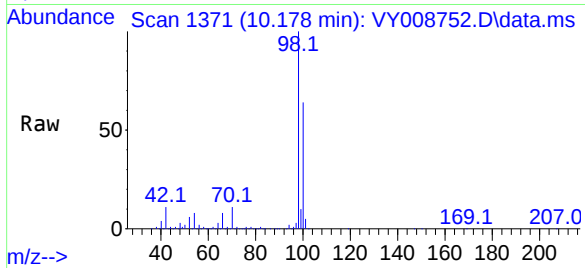




#50
Toluene-d8
Concen: 53.346 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008752.D
Acq: 13 May 2022 16:25

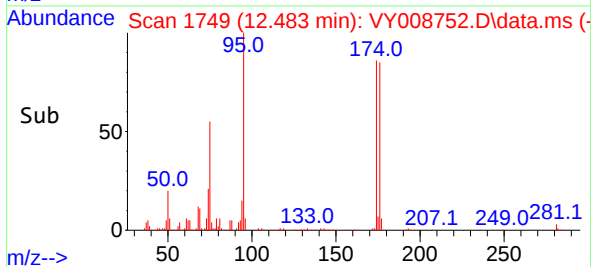
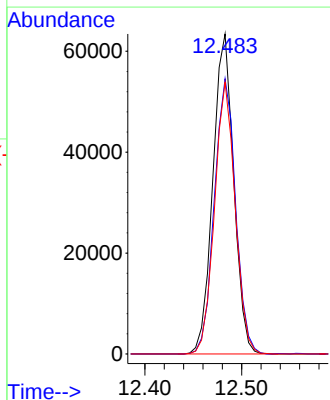
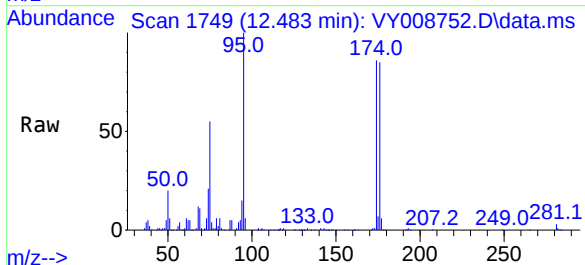
Instrument :
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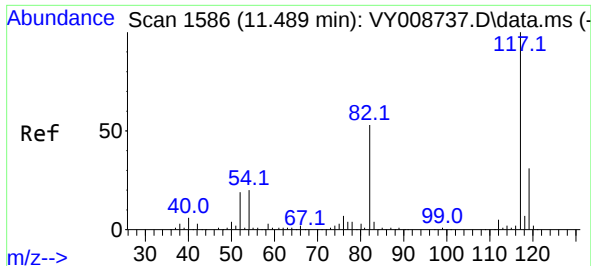
Tgt Ion: 98 Resp: 324523
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 44.930 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008752.D
Acq: 13 May 2022 16:25

Tgt Ion: 95 Resp: 94698
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.2
176 84.2 0.0 168.8

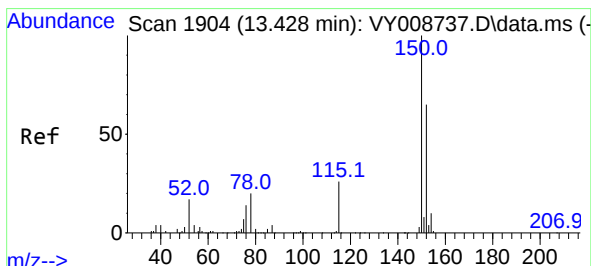
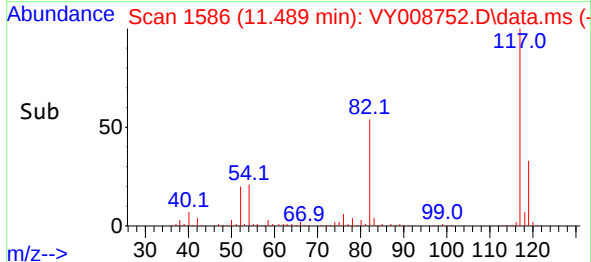
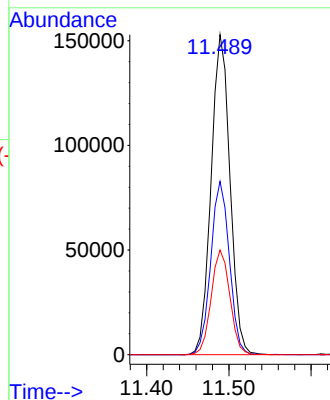
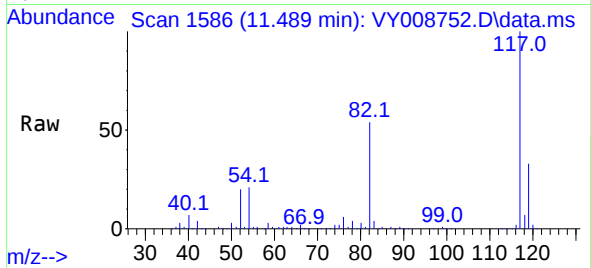




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008752.D
Acq: 13 May 2022 16:25

Instrument :
MSVOA_Y
ClientSampleId :
P018-SS001-0006-01

Tgt Ion:117 Resp: 244086
Ion Ratio Lower Upper
117 100
82 54.2 42.3 63.5
119 32.7 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008752.D
Acq: 13 May 2022 16:25

Tgt Ion:152 Resp: 104349
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 154.3 0.0 348.2

