

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008848.D
 Acq On : 19 May 2022 05:19
 Operator : KP/MD
 Sample : N2868-01
 Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-0006-01

Quant Time: May 19 06:57:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	93596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	168549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	161389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	59625	68.669	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.340%
35) Dibromofluoromethane	7.716	113	55245	56.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.200%
50) Toluene-d8	10.179	98	212781	48.697	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.400%
62) 4-Bromofluorobenzene	12.483	95	59896	39.155	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.320%

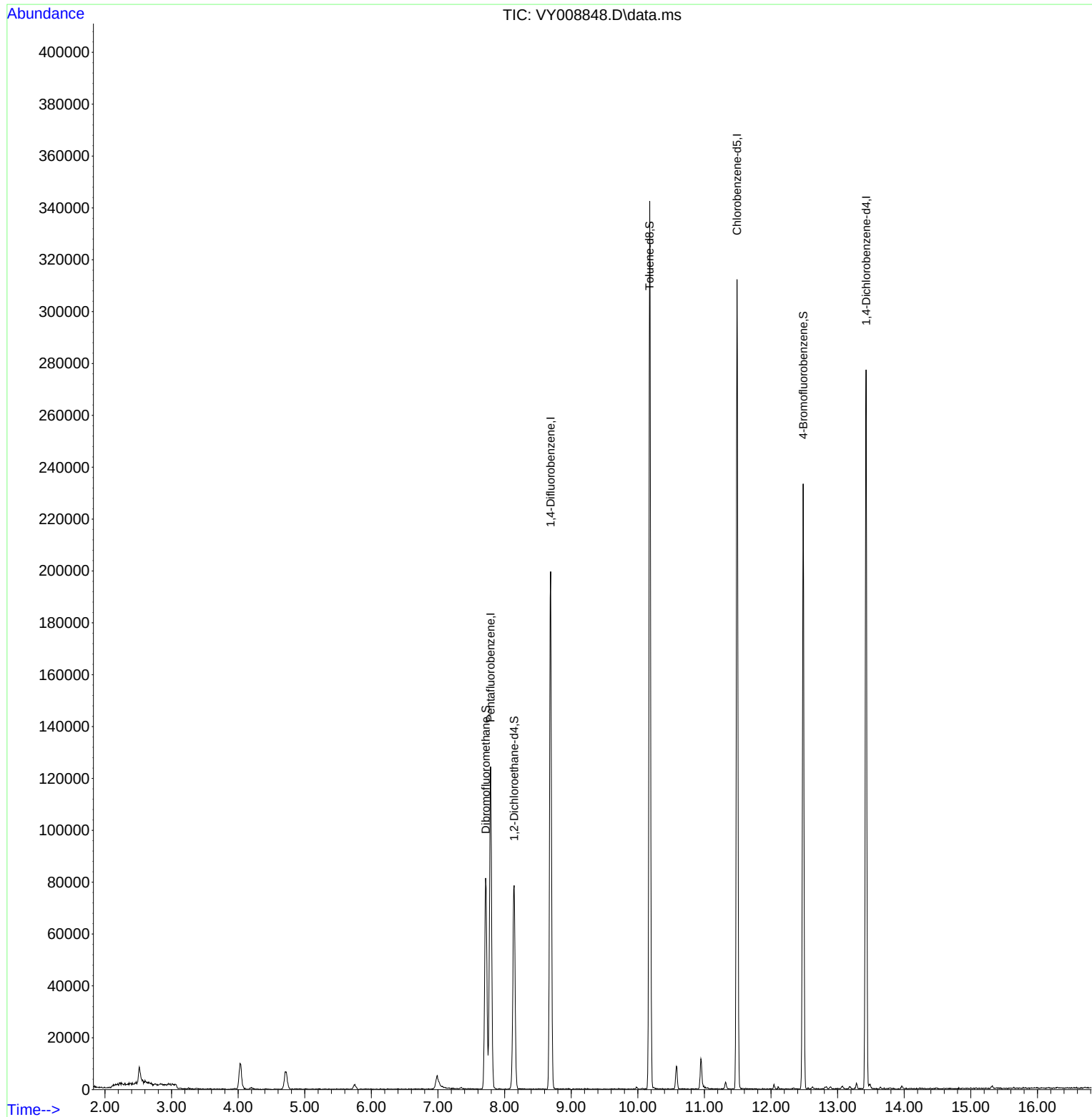
Target Compounds	Qvalue

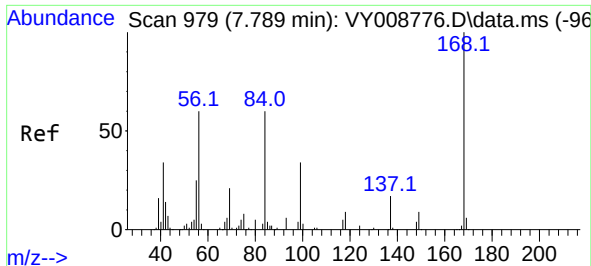
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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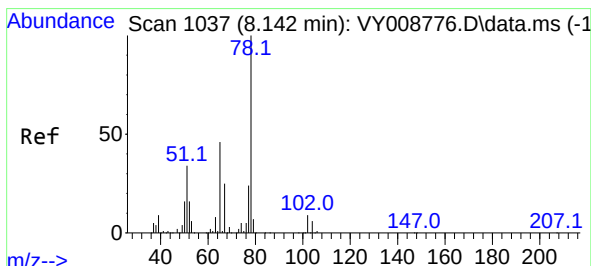
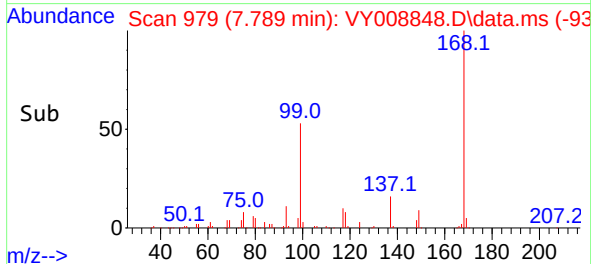
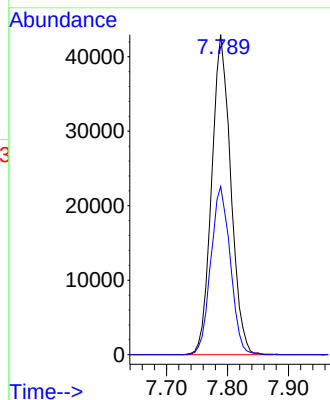
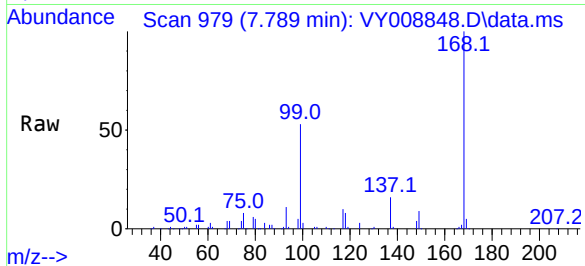




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

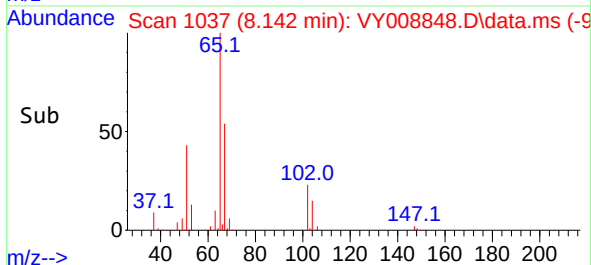
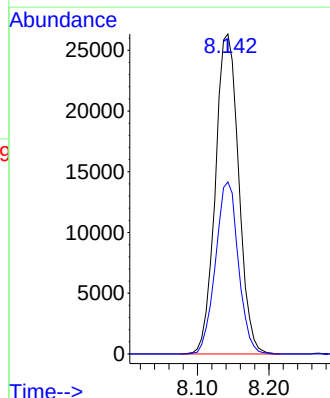
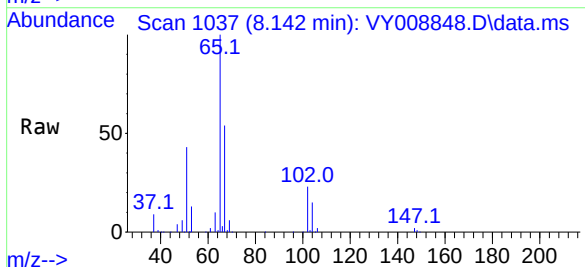
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0006-01

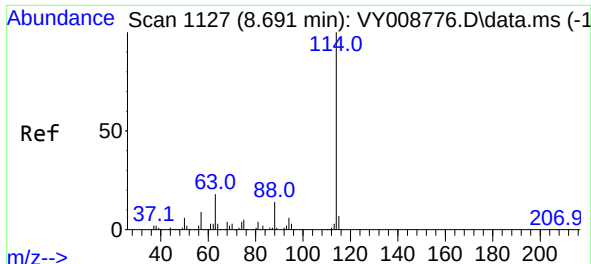
Tgt Ion:168 Resp: 93596
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.669 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

Tgt Ion: 65 Resp: 59625
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008848.D

Acq: 19 May 2022 05:19

Instrument :

MSVOA_Y

ClientSampleId :

P017-SS001-0006-01

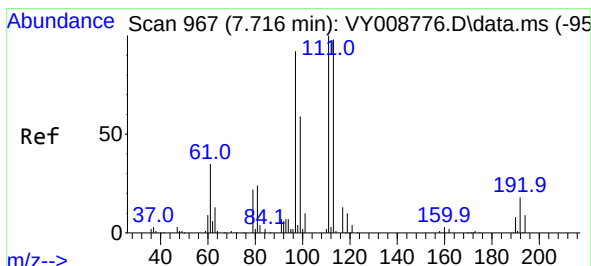
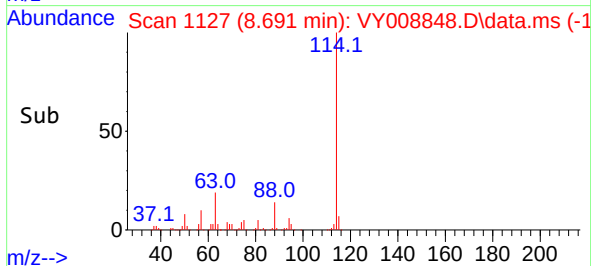
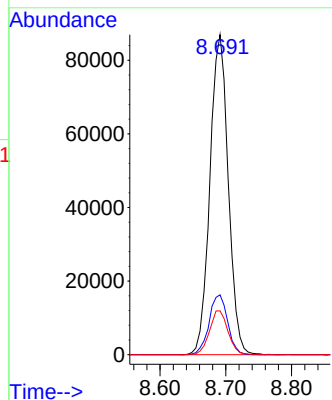
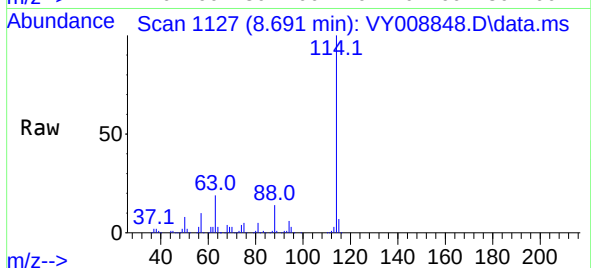
Tgt Ion:114 Resp: 168549

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.098 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008848.D

Acq: 19 May 2022 05:19

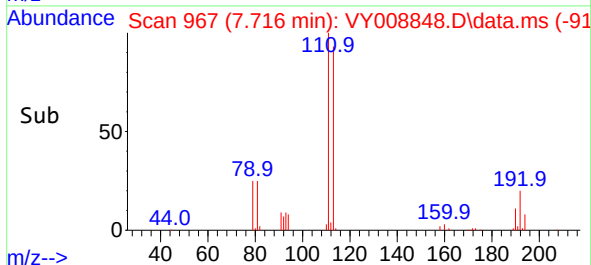
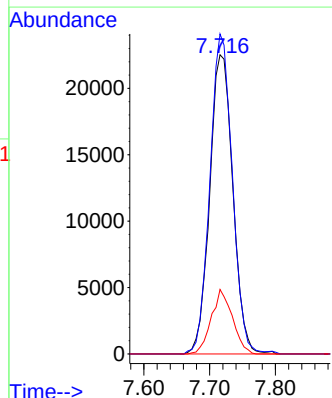
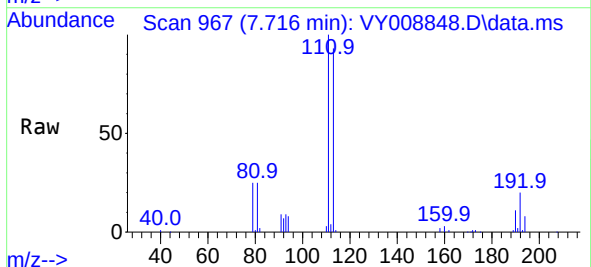
Tgt Ion:113 Resp: 55245

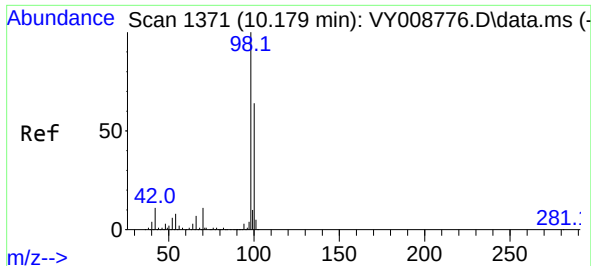
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 19.7 17.6 26.4

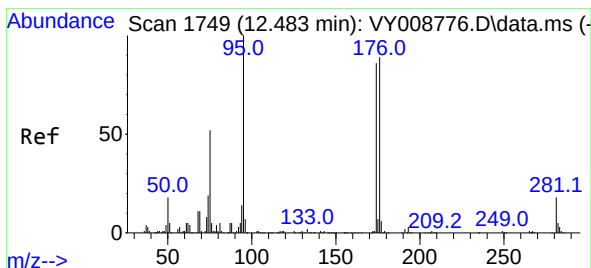
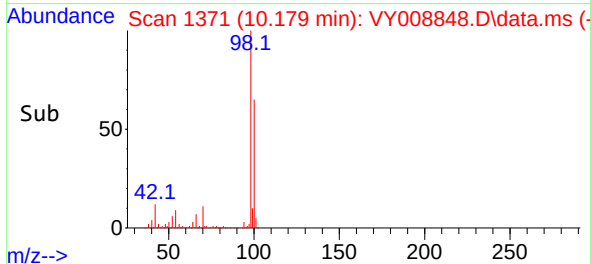
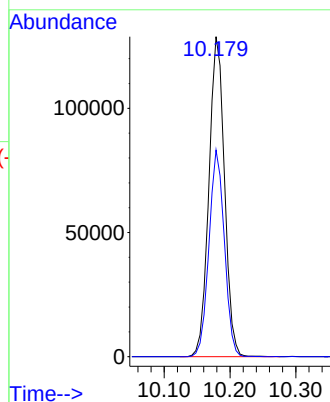
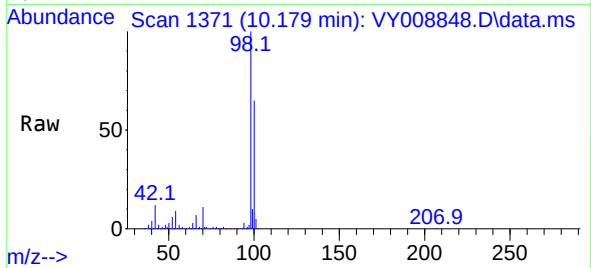




#50
Toluene-d8
Concen: 48.697 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

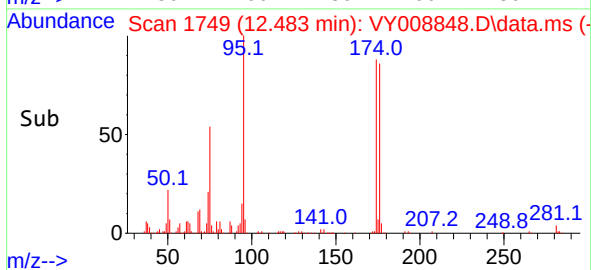
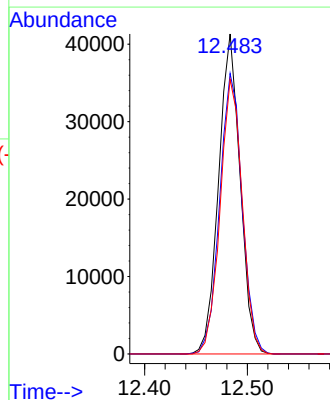
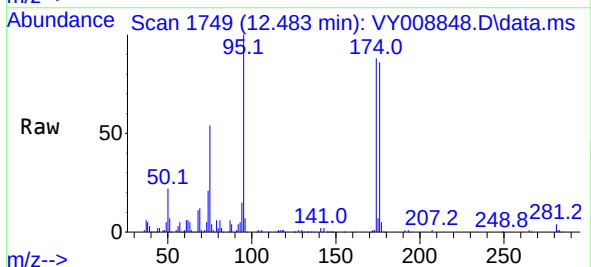
Instrument :
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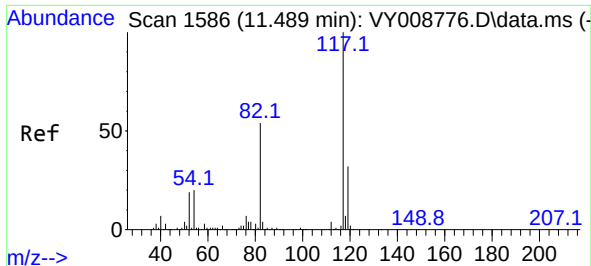
Tgt Ion: 98 Resp: 212781
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.155 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

Tgt Ion: 95 Resp: 59896
Ion Ratio Lower Upper
95 100
174 91.6 0.0 177.0
176 88.0 0.0 175.8

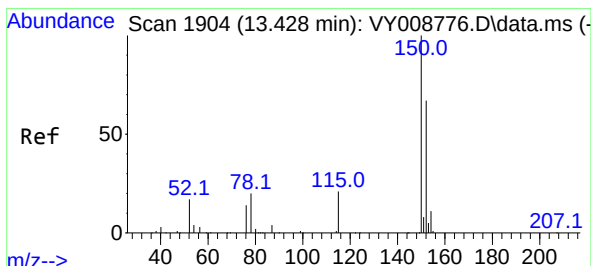
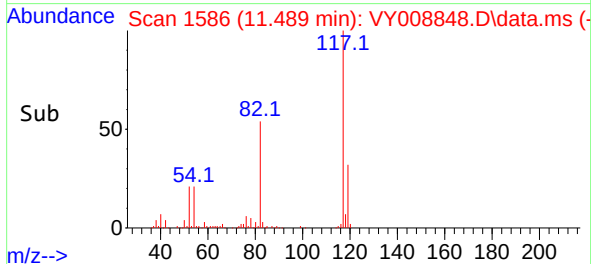
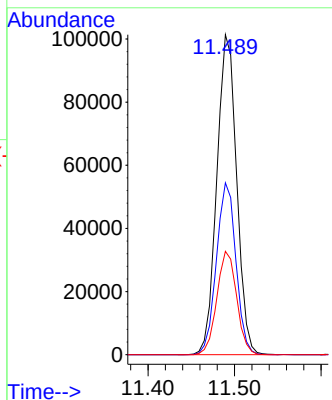
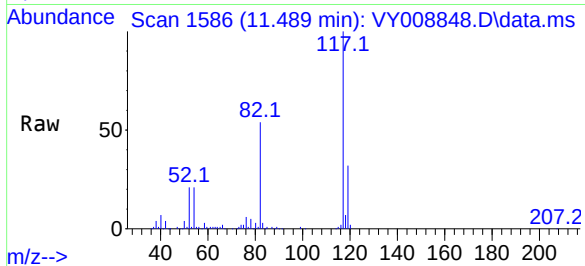




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-0006-01

Tgt Ion:117 Resp: 161389
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008848.D
Acq: 19 May 2022 05:19

Tgt Ion:152 Resp: 68924
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 153.5 0.0 347.6

