

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008202.D
 Acq On : 05 Apr 2022 12:19
 Operator : SY/MD
 Sample : N2220-08RE
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP0331RE

Quant Time: Apr 06 03:55:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	114102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	190426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	134284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	32365	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	56181	49.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.160%
35) Dibromofluoromethane	7.722	113	58553	49.043	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.080%
50) Toluene-d8	10.179	98	219656	48.833	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.660%
62) 4-Bromofluorobenzene	12.483	95	45106	28.423	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	56.840%

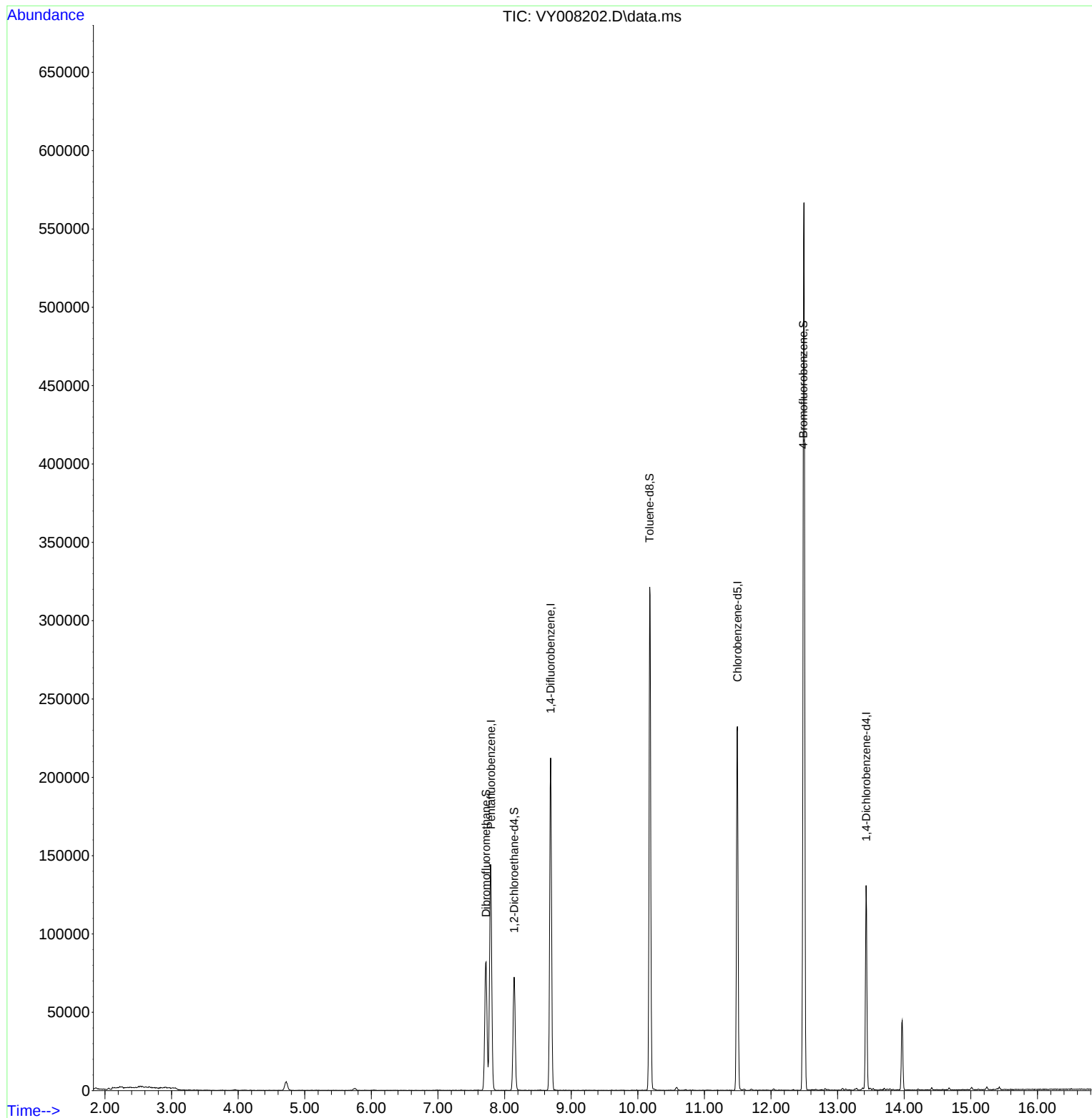
Target Compounds	Qvalue

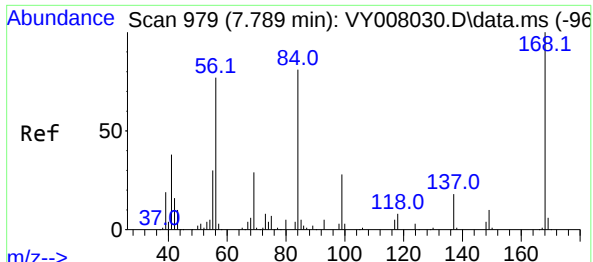
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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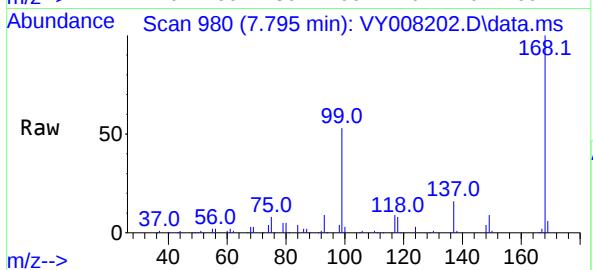
Quant Time: Apr 06 03:55:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
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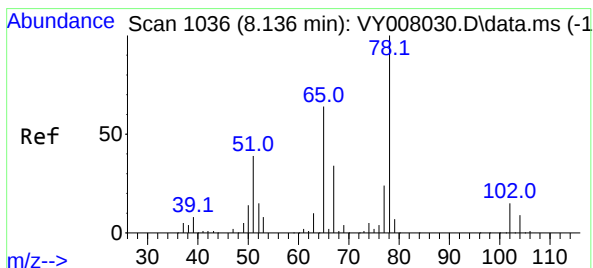
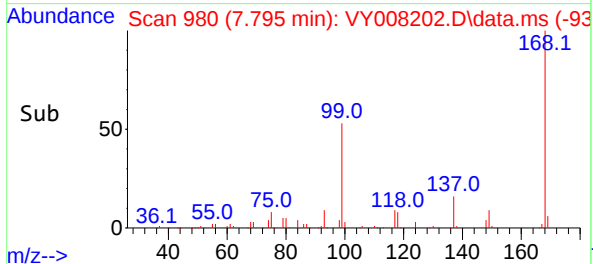
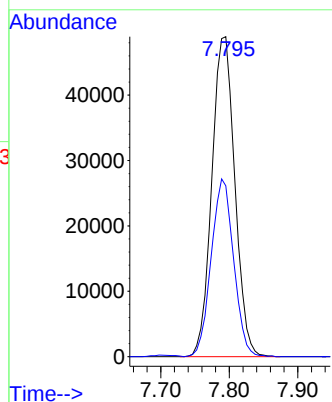


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY008202.D
Acq: 05 Apr 2022 12:19

Instrument :
MSVOA_Y
ClientSampleId :
DUP0331RE

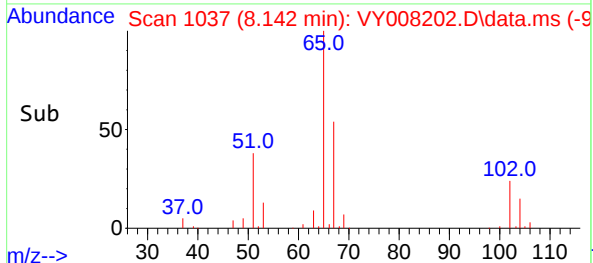
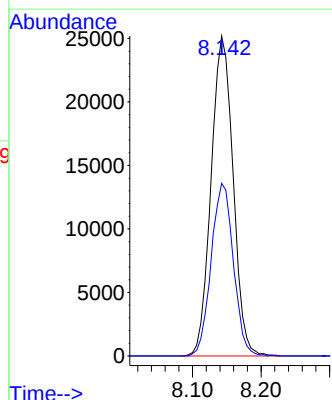
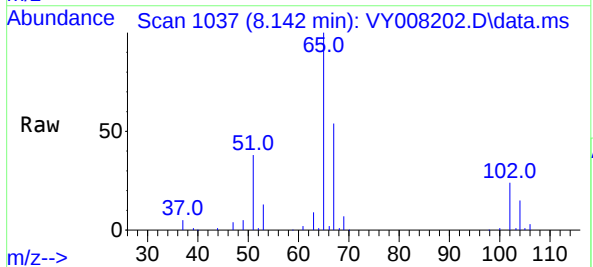


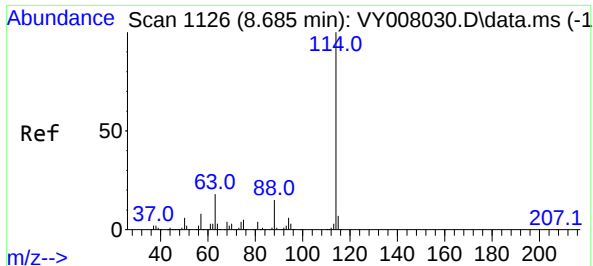
Tgt Ion:168 Resp: 114102
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.076 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008202.D
Acq: 05 Apr 2022 12:19

Tgt Ion: 65 Resp: 56181
Ion Ratio Lower Upper
65 100
67 54.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY008202.D

Acq: 05 Apr 2022 12:19

Instrument :

MSVOA_Y

ClientSampleId :

DUP0331RE

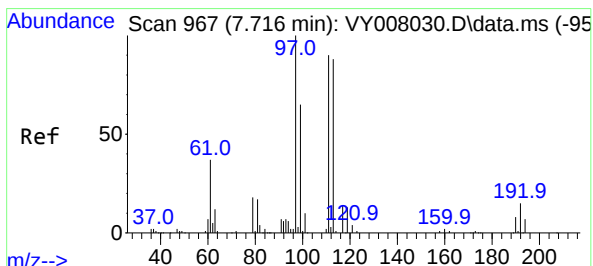
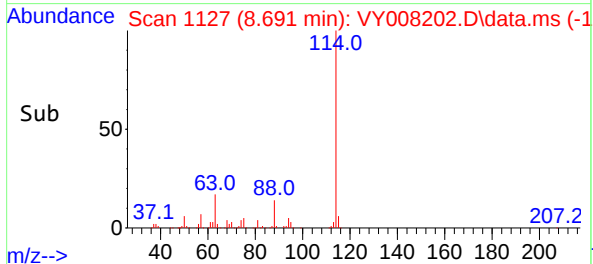
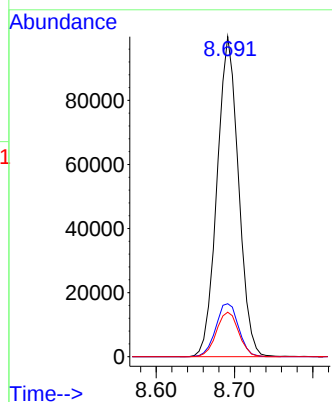
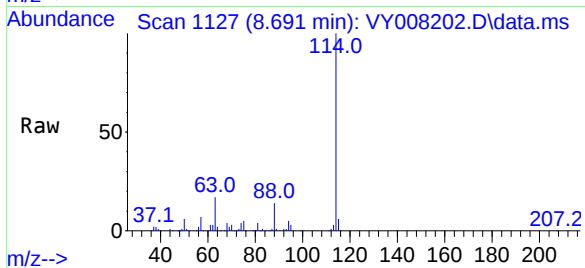
Tgt Ion:114 Resp: 190426

Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.043 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008202.D

Acq: 05 Apr 2022 12:19

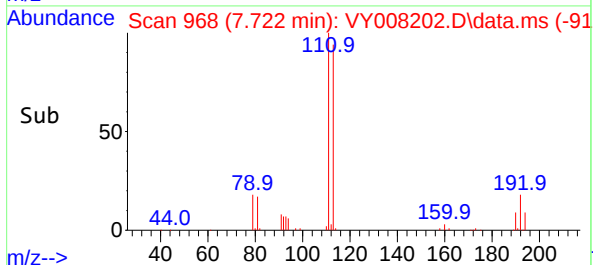
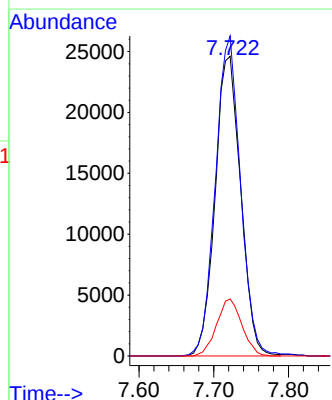
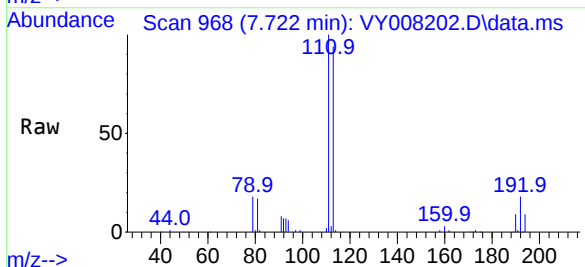
Tgt Ion:113 Resp: 58553

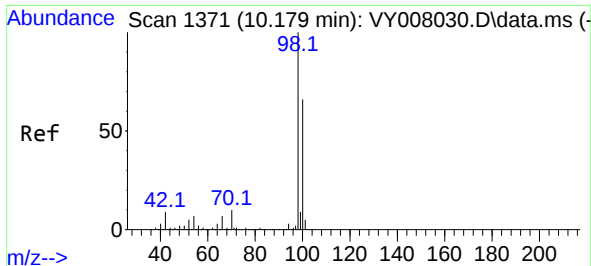
Ion Ratio Lower Upper

113 100

111 105.0 82.6 124.0

192 18.7 17.6 26.4

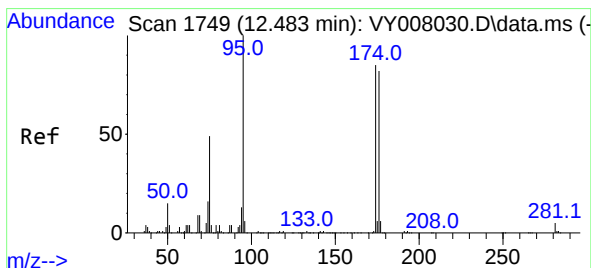
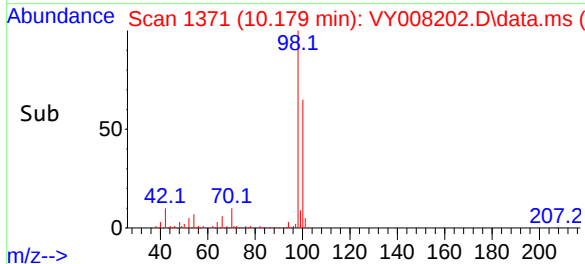
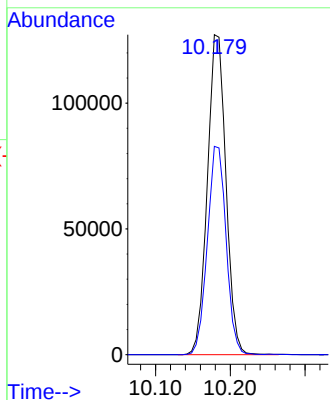
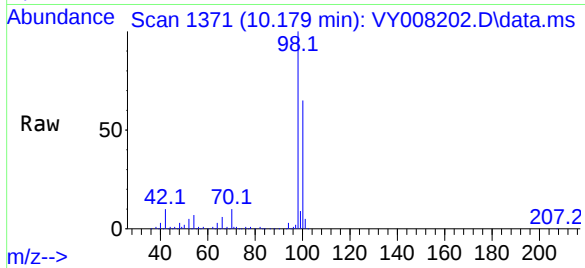




#50
Toluene-d8
Concen: 48.833 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008202.D
Acq: 05 Apr 2022 12:19

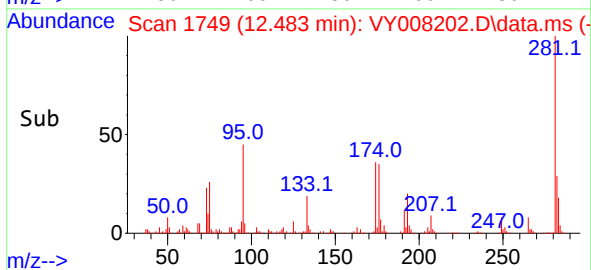
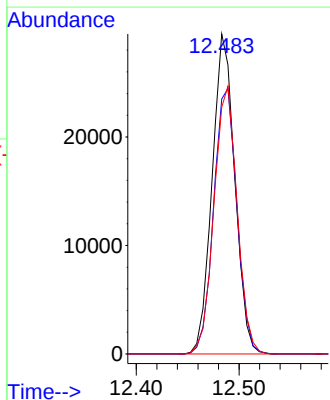
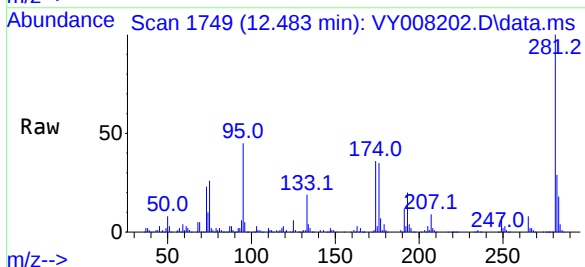
Instrument :
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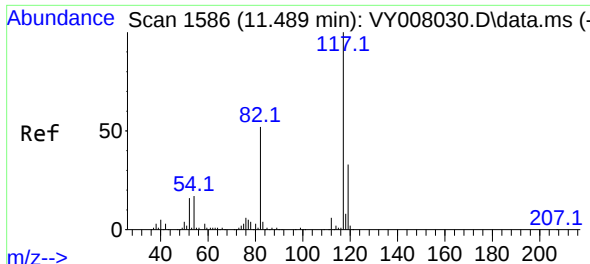
Tgt Ion: 98 Resp: 219656
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 28.423 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008202.D
Acq: 05 Apr 2022 12:19

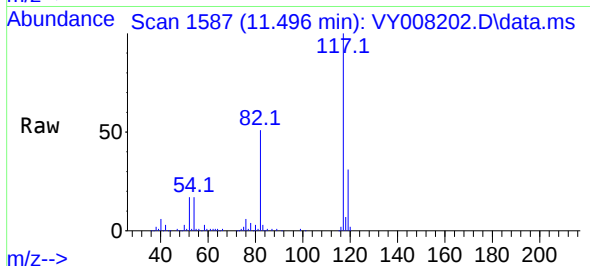
Tgt Ion: 95 Resp: 45106
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 85.3 0.0 175.8



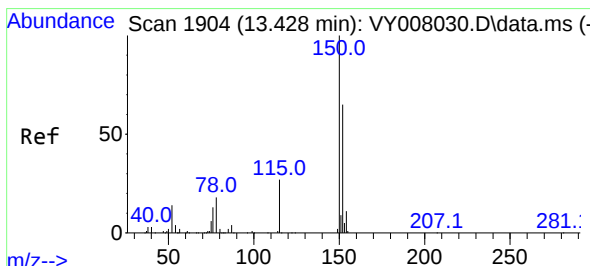
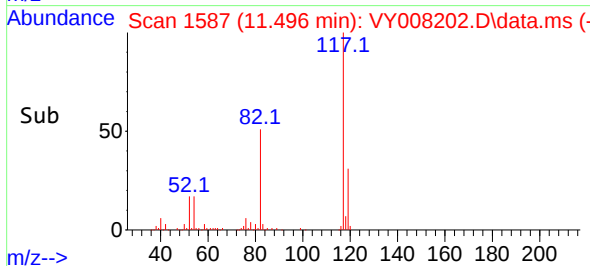
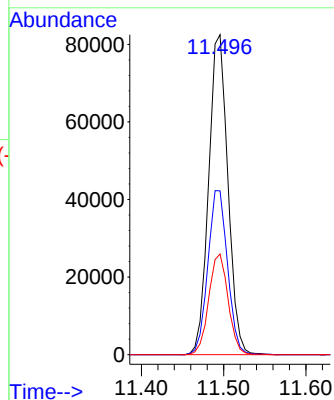


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008202.D
Acq: 05 Apr 2022 12:19

Instrument :
MSVOA_Y
ClientSampleId :
DUP0331RE



Tgt Ion:117 Resp: 134284
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 31.5 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: VY008202.D
Acq: 05 Apr 2022 12:19

Tgt Ion:152 Resp: 32365
Ion Ratio Lower Upper
152 100
115 59.8 28.2 84.7
150 162.3 0.0 347.6

