

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012622\
 Data File : VY007309.D
 Acq On : 26 Jan 2022 16:17
 Operator : SY/MD
 Sample : N1267-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RED-EXT-WALL

Quant Time: Jan 27 00:34:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	78531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	146782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	136700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	57509	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	49708	51.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.180%
35) Dibromofluoromethane	7.722	113	48590	48.956	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.920%
50) Toluene-d8	10.179	98	180534	49.780	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.483	95	60143	46.621	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.240%

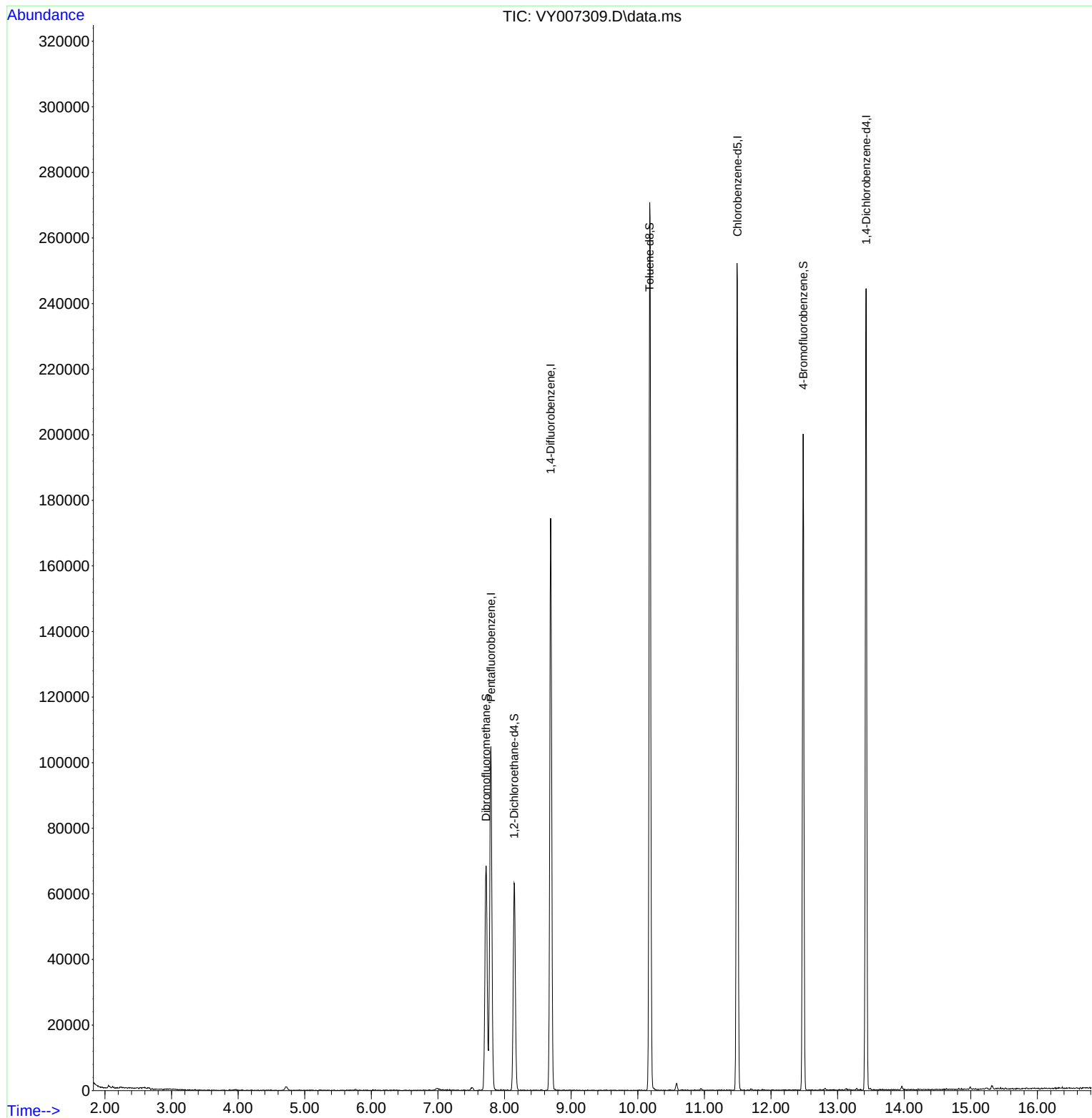
Target Compounds	Qvalue

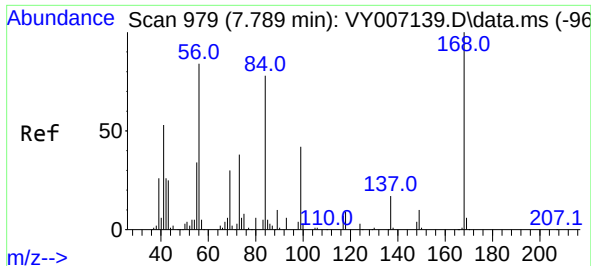
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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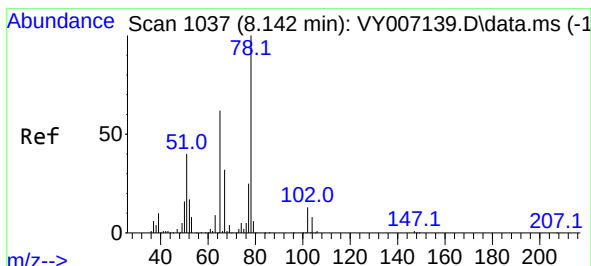
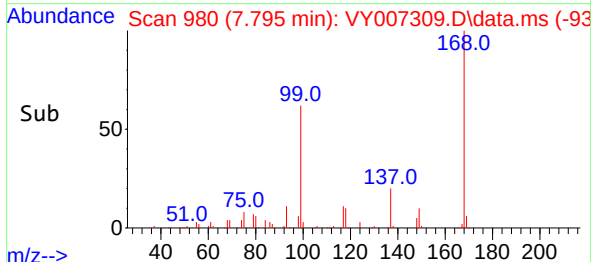
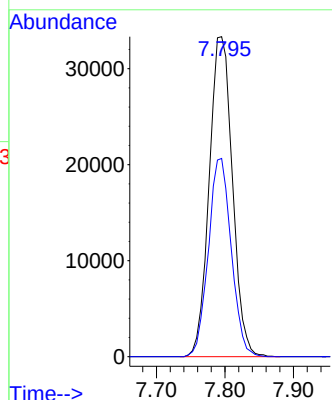
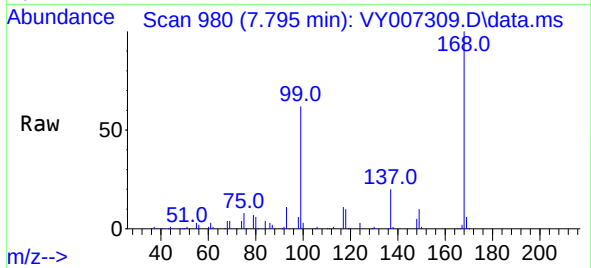




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007309.D
Acq: 26 Jan 2022 16:17

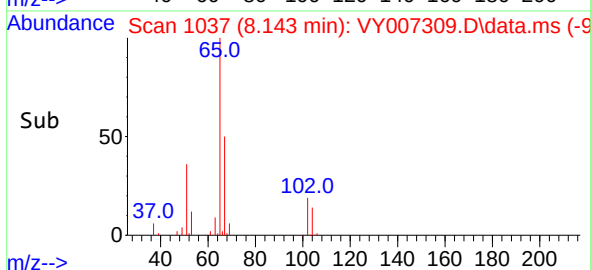
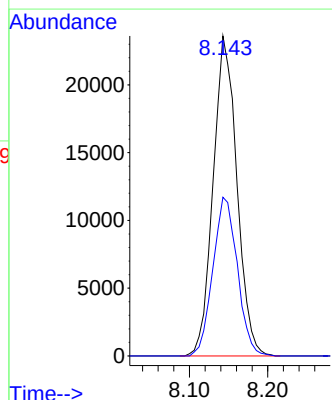
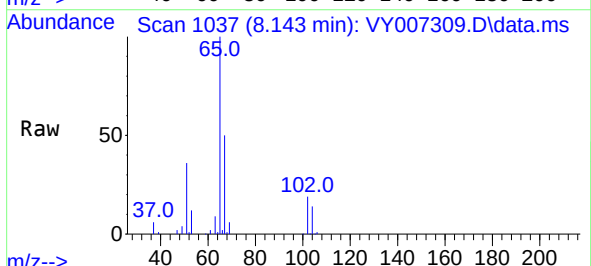
Instrument :
MSVOA_Y
ClientSampleId :
RED-EXT-WALL

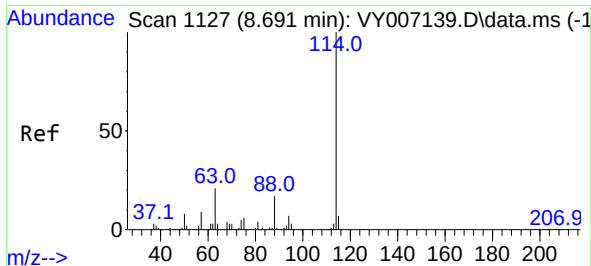
Tgt Ion:168 Resp: 78531
Ion Ratio Lower Upper
168 100
99 62.0 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 51.587 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007309.D
Acq: 26 Jan 2022 16:17

Tgt Ion: 65 Resp: 49708
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VY007309.D

Acq: 26 Jan 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

RED-EXT-WALL

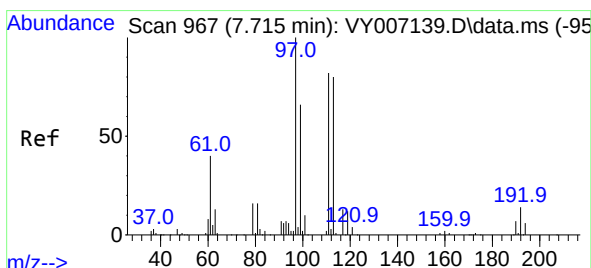
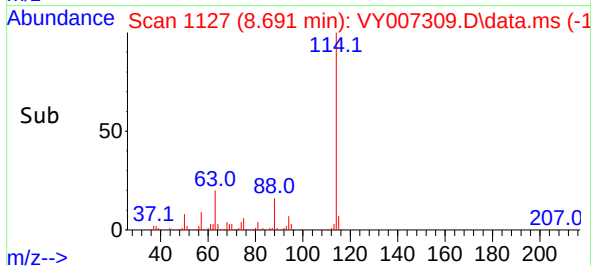
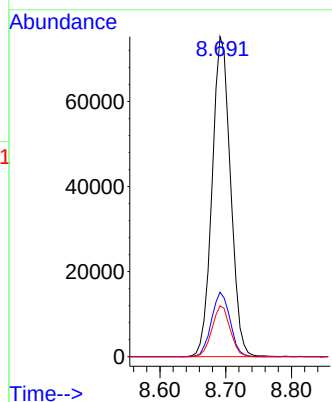
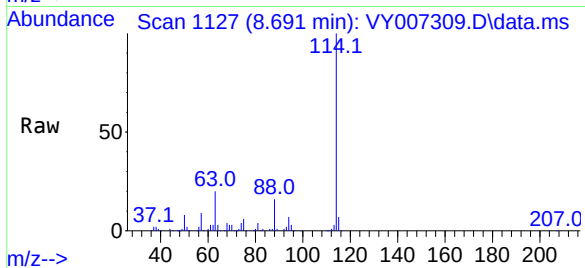
Tgt Ion:114 Resp: 146782

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

88 15.8 0.0 31.0



#35

Dibromofluoromethane

Concen: 48.956 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.007 min

Lab File: VY007309.D

Acq: 26 Jan 2022 16:17

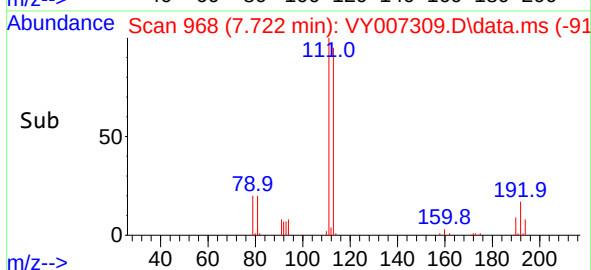
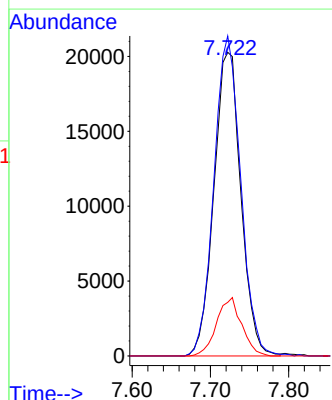
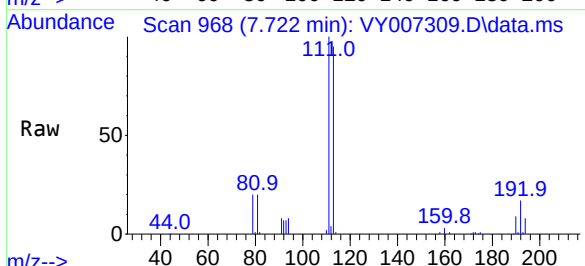
Tgt Ion:113 Resp: 48590

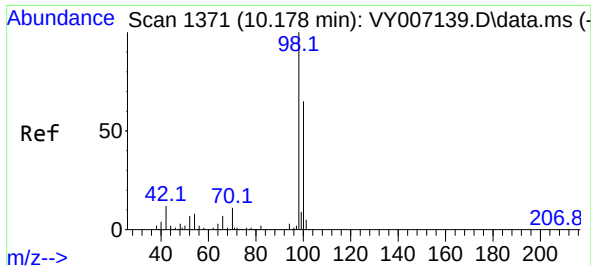
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 17.9 14.2 21.4

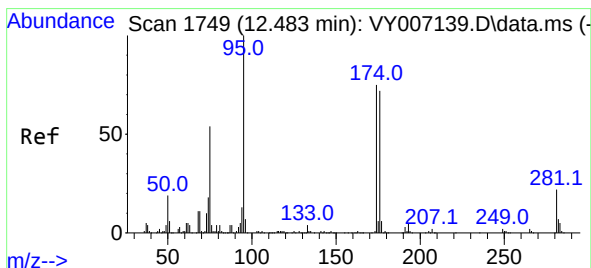
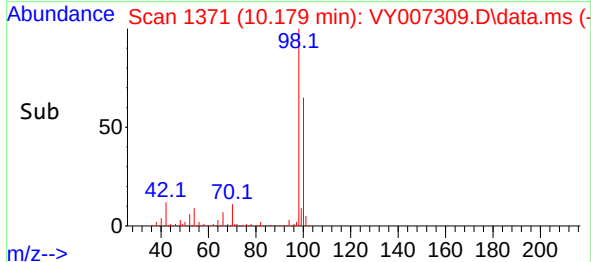
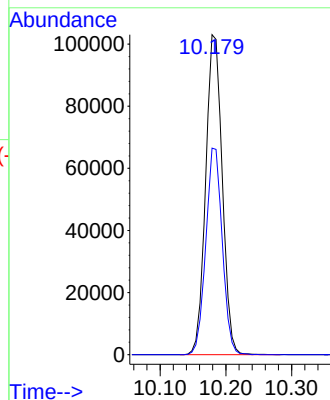
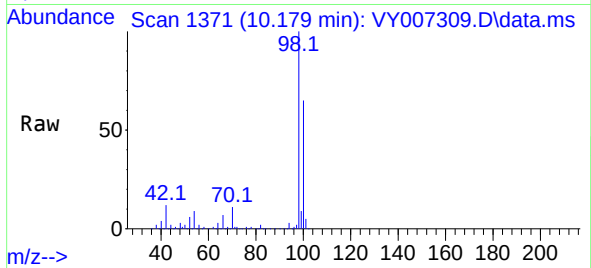




#50
Toluene-d8
Concen: 49.780 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY007309.D
Acq: 26 Jan 2022 16:17

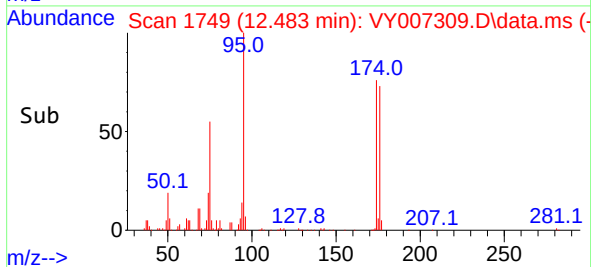
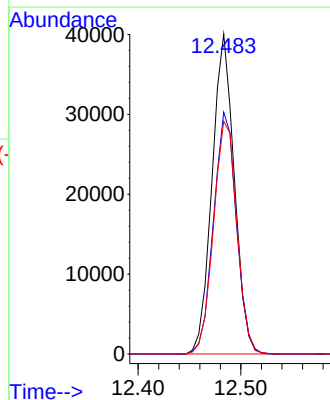
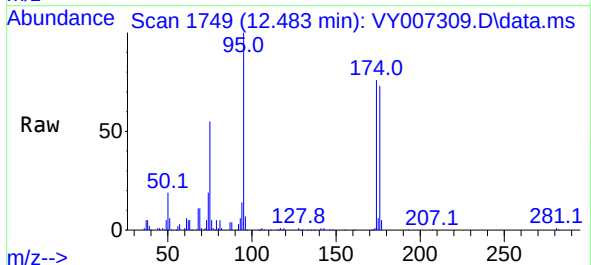
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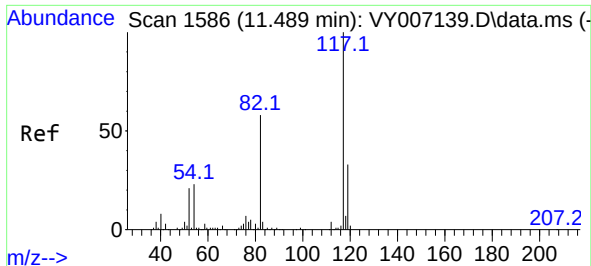
Tgt Ion: 98 Resp: 180534
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 46.621 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VY007309.D
Acq: 26 Jan 2022 16:17

Tgt Ion: 95 Resp: 60143
Ion Ratio Lower Upper
95 100
174 77.6 0.0 148.4
176 76.4 0.0 146.6

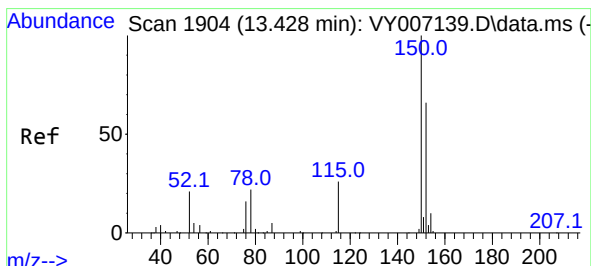
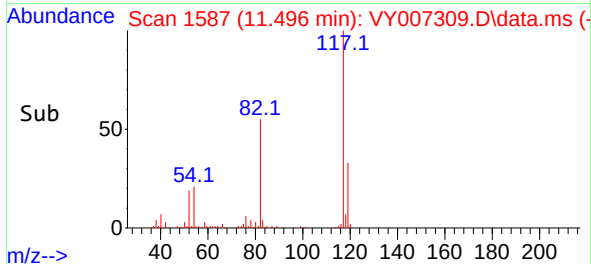
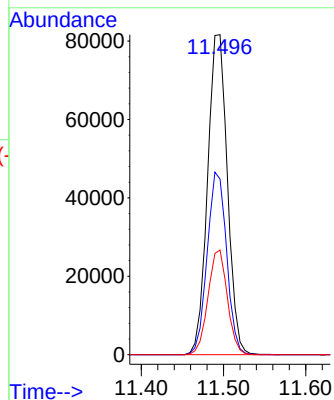
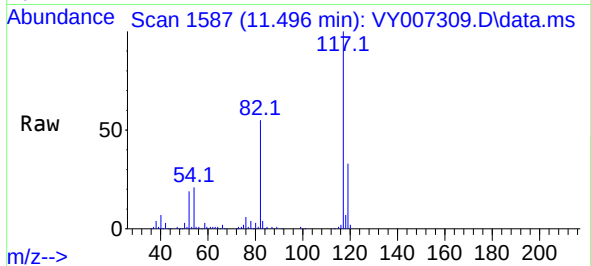




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY007309.D
Acq: 26 Jan 2022 16:17

Instrument :
MSVOA_Y
ClientSampleId :
RED-EXT-WALL

Tgt Ion:117 Resp: 136700
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.0
119 32.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.001 min
Lab File: VY007309.D
Acq: 26 Jan 2022 16:17

Tgt Ion:152 Resp: 57509
Ion Ratio Lower Upper
152 100
115 62.5 31.4 94.0
150 158.1 0.0 348.4

