

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011242.D
 Acq On : 02 Nov 2022 00:23
 Operator : KP/MD
 Sample : N5336-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-16.5-17.0-DUP

Quant Time: Nov 02 01:45:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	273750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	494436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	449069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	204168	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	155227	53.019	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.040%
35) Dibromofluoromethane	7.716	113	162933	51.289	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.580%
50) Toluene-d8	10.179	98	573377	46.488	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.980%
62) 4-Bromofluorobenzene	12.477	95	200097	46.731	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.460%

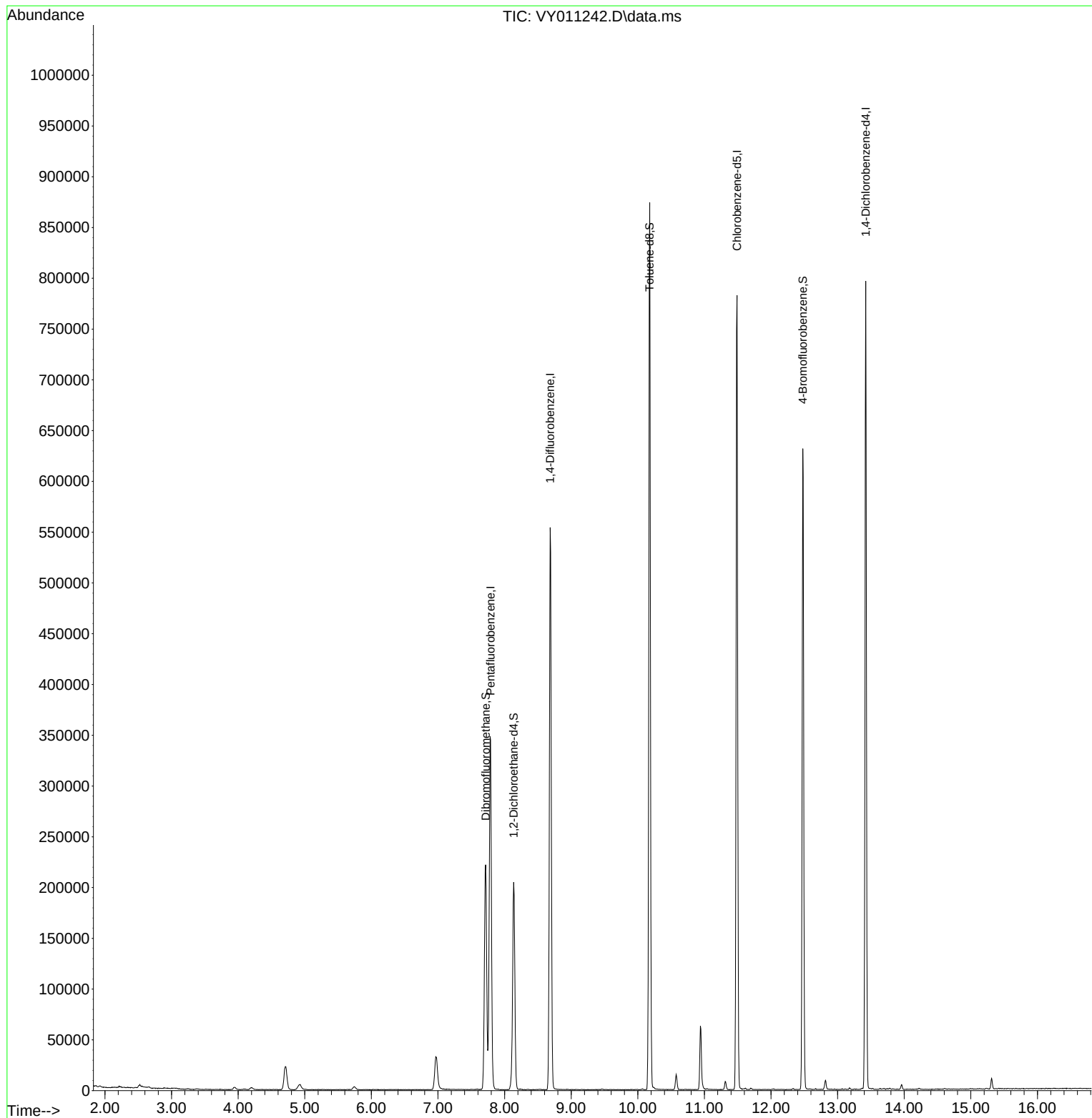
Target Compounds	Qvalue

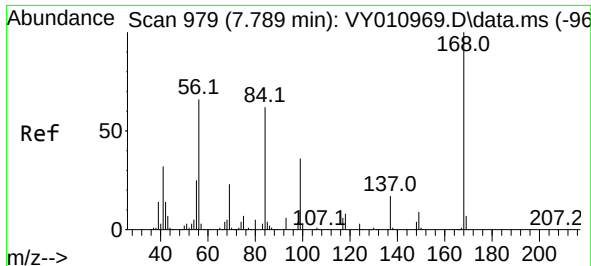
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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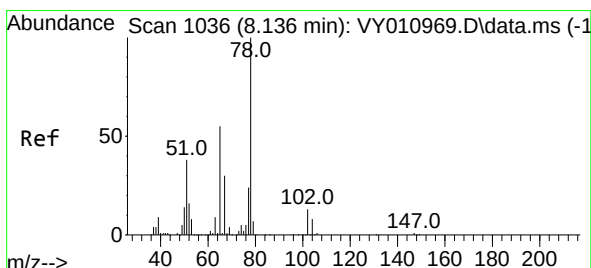
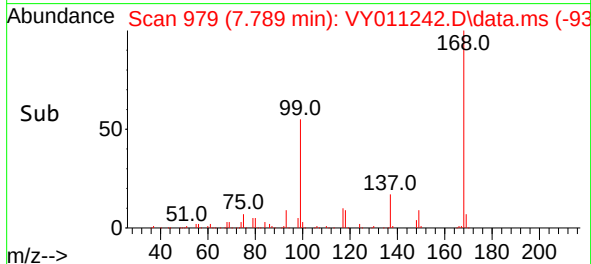
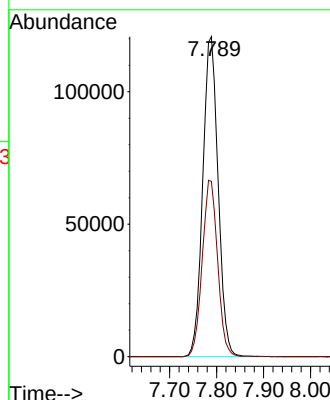
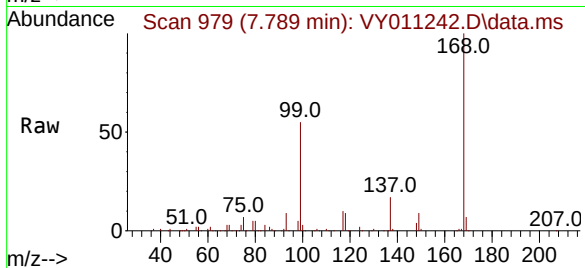




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011242.D
Acq: 02 Nov 2022 00:23

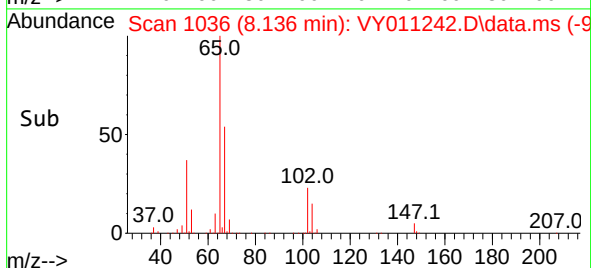
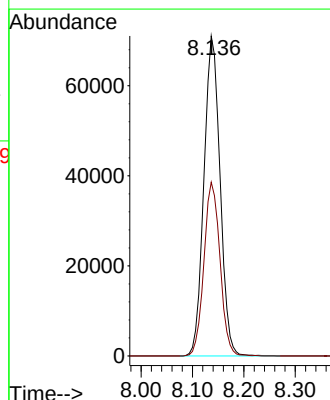
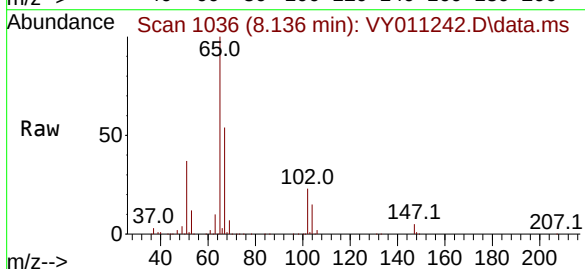
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-16.5-17.0-DUP

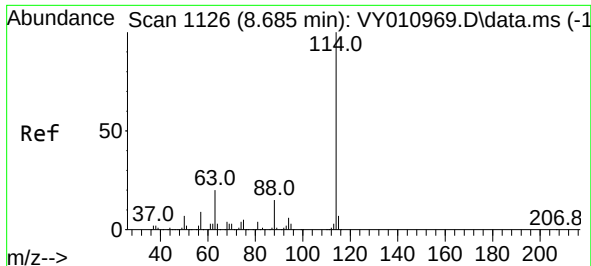
Tgt Ion:168 Resp: 273750
Ion Ratio Lower Upper
168 100
99 54.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.019 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011242.D
Acq: 02 Nov 2022 00:23

Tgt Ion: 65 Resp: 155227
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011242.D

Acq: 02 Nov 2022 00:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-16.5-17.0-DUP

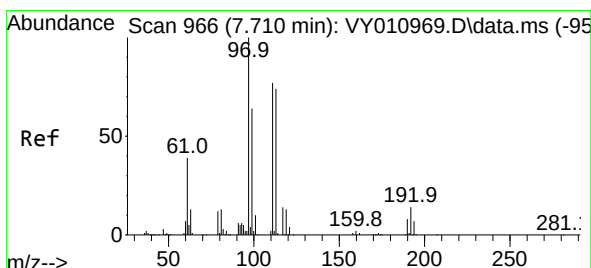
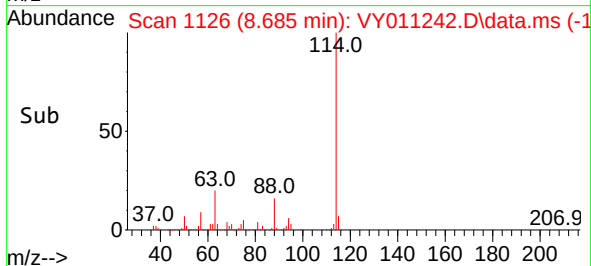
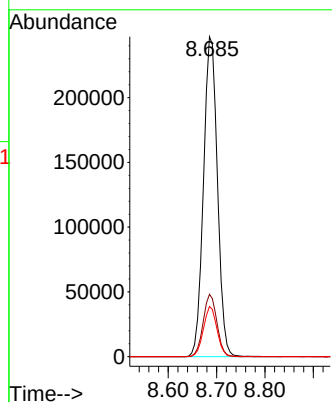
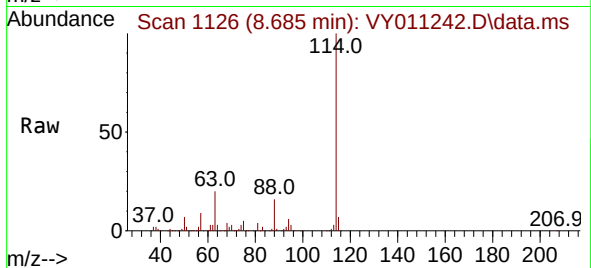
Tgt Ion:114 Resp: 494436

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.289 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011242.D

Acq: 02 Nov 2022 00:23

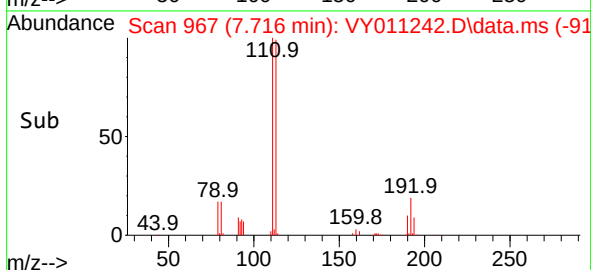
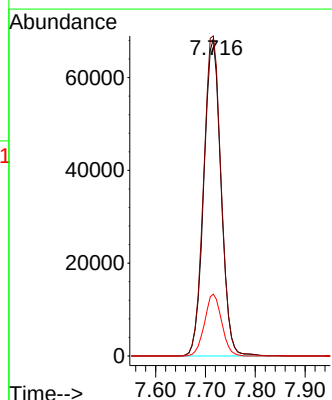
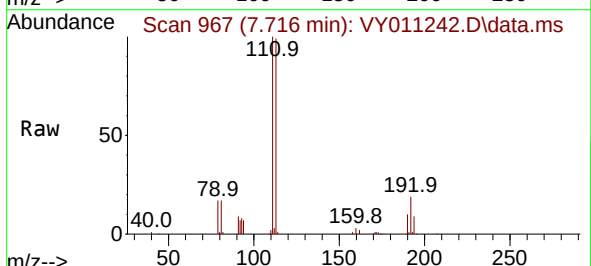
Tgt Ion:113 Resp: 162933

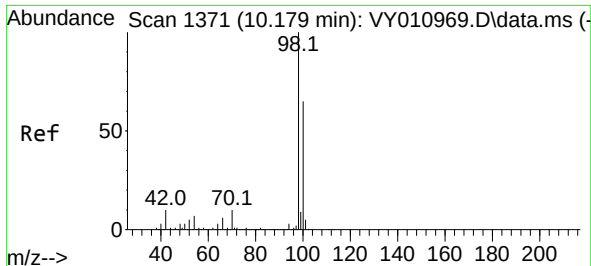
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 19.5 17.6 26.4

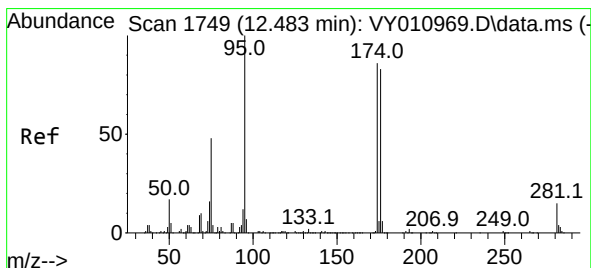
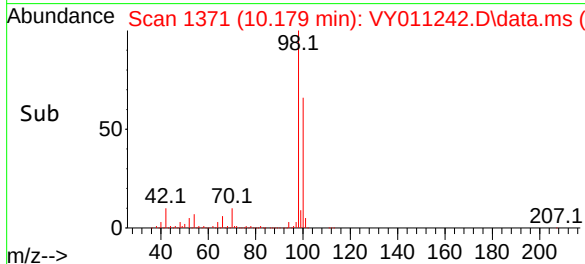
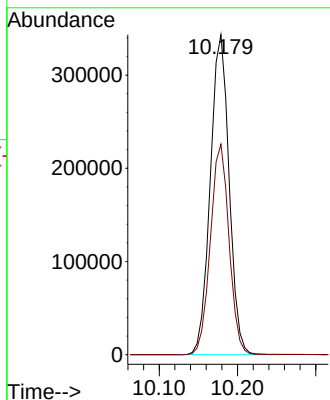
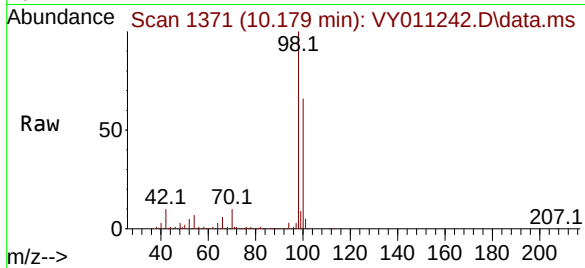




#50
Toluene-d8
Concen: 46.488 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011242.D
Acq: 02 Nov 2022 00:23

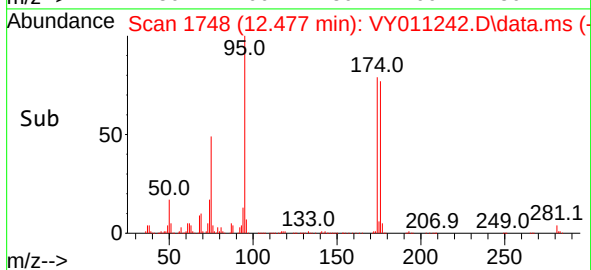
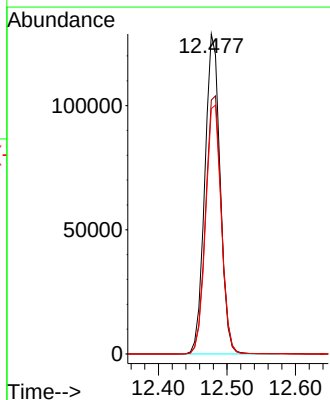
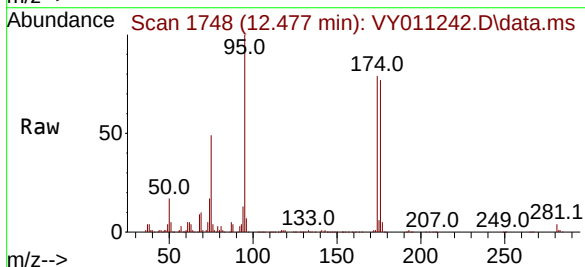
Instrument :
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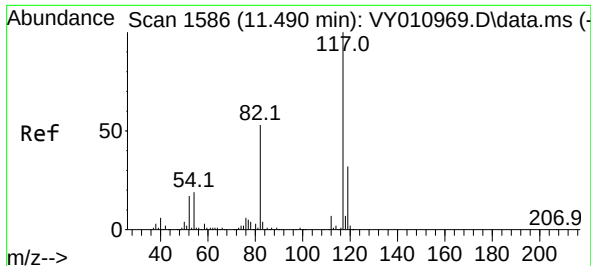
Tgt Ion: 98 Resp: 573377
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.731 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011242.D
Acq: 02 Nov 2022 00:23

Tgt Ion: 95 Resp: 200097
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 79.4 0.0 175.8

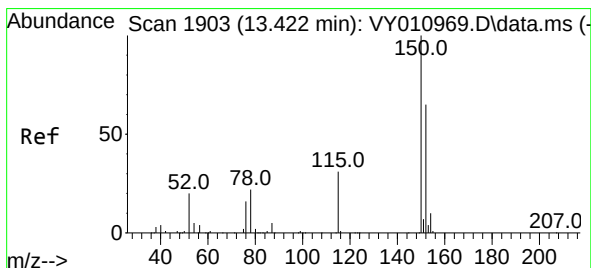
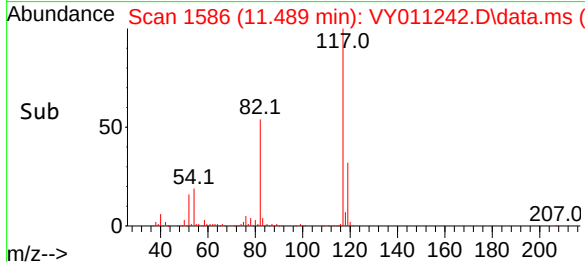
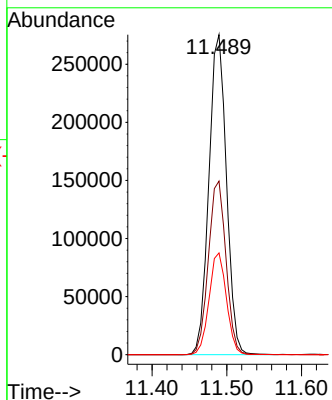
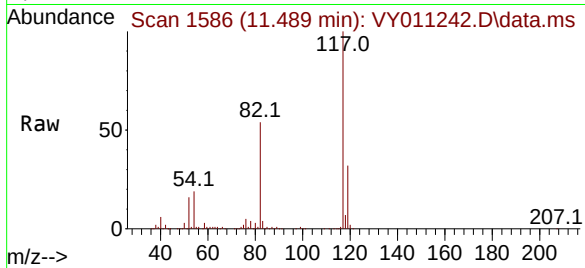




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011242.D
Acq: 02 Nov 2022 00:23

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-16.5-17.0-DUP

Tgt Ion:117 Resp: 449069
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011242.D
Acq: 02 Nov 2022 00:23

Tgt Ion:152 Resp: 204168
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 157.3 0.0 347.6

