

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012822\
 Data File : VY007322.D
 Acq On : 28 Jan 2022 15:45
 Operator : SY/MD
 Sample : N1309-04
 Misc : 4.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STATE-ST-SP1-(4)

Quant Time: Jan 31 00:30:48 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	85863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	161675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	153364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65770	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54363	51.600	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.200%
35) Dibromofluoromethane	7.722	113	53423	48.867	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.740%
50) Toluene-d8	10.179	98	197184	49.363	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.483	95	71482	50.306	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.620%

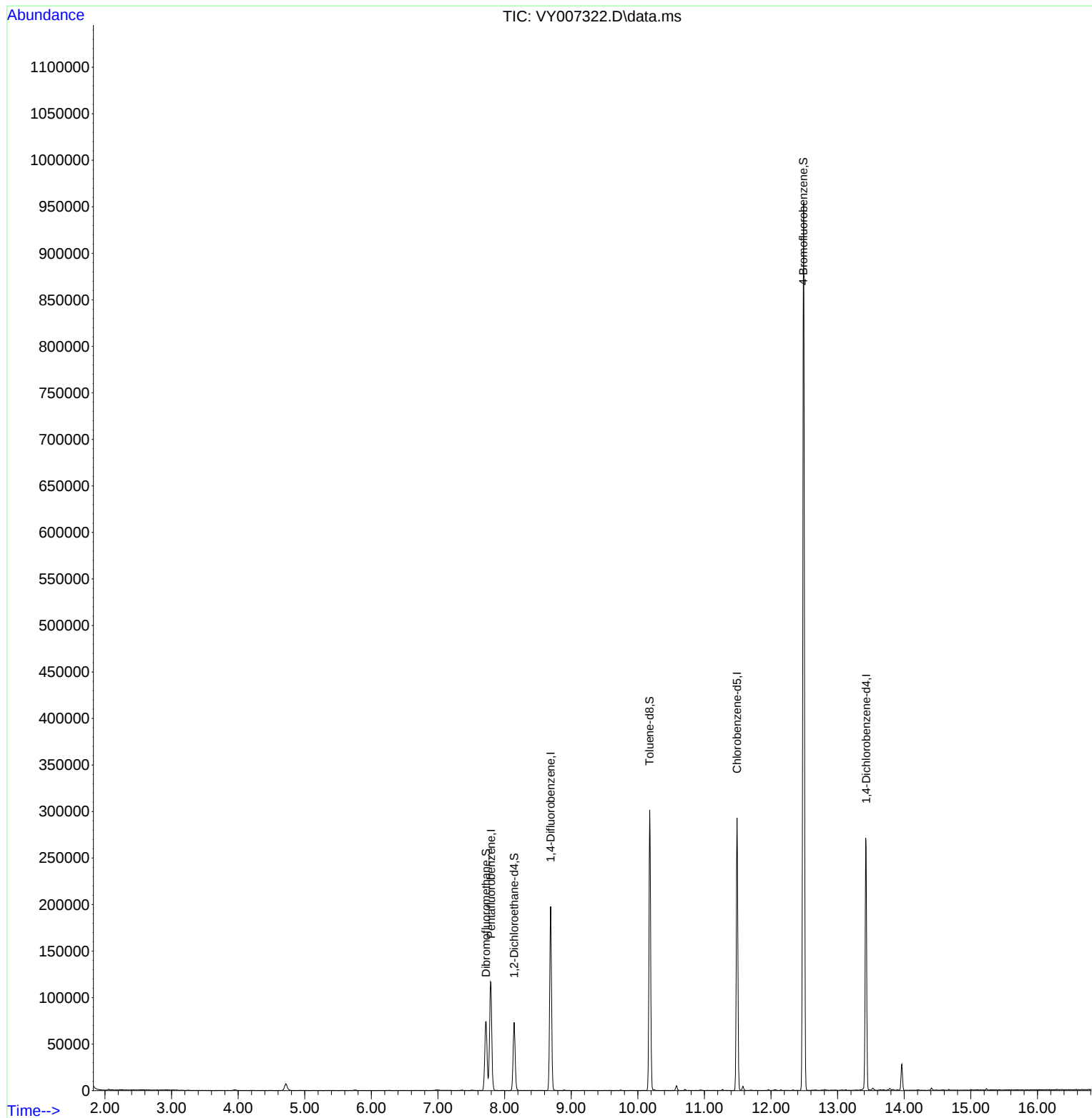
Target Compounds	Qvalue

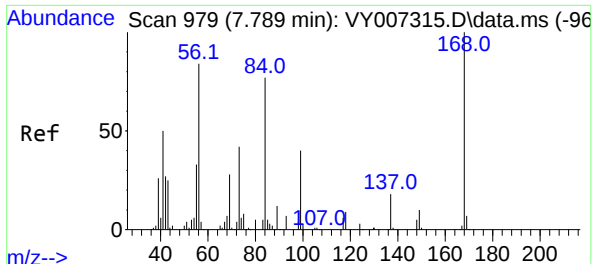
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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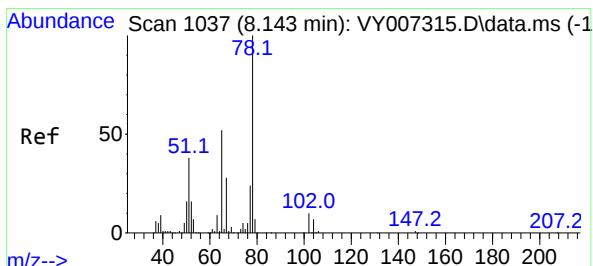
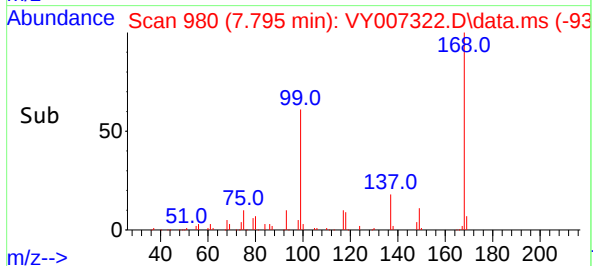
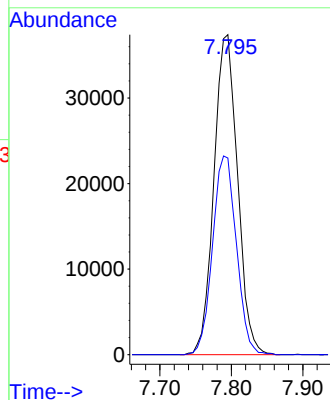
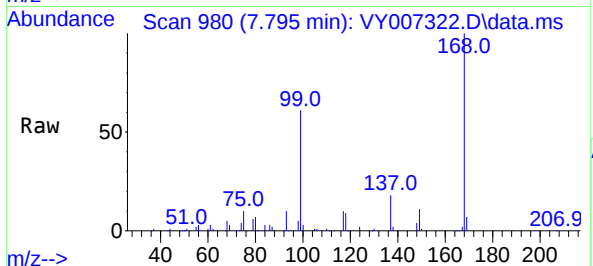




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007322.D
Acq: 28 Jan 2022 15:45

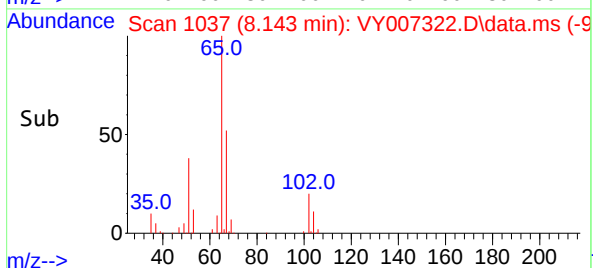
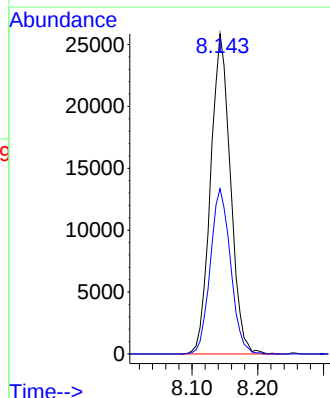
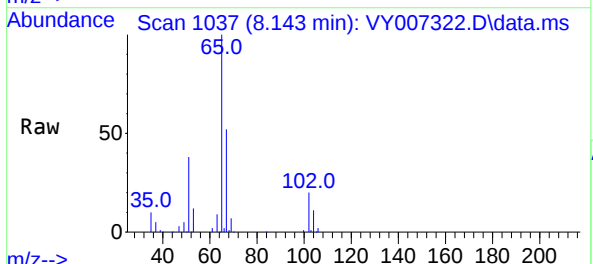
Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(4)

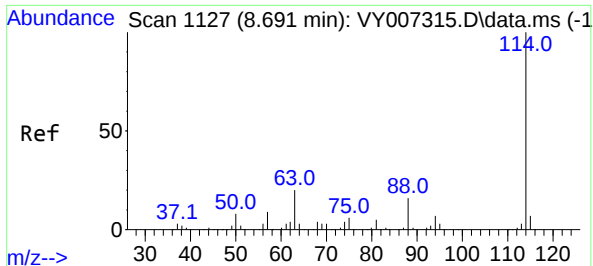
Tgt Ion:168 Resp: 85863
Ion Ratio Lower Upper
168 100
99 61.5 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 51.600 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007322.D
Acq: 28 Jan 2022 15:45

Tgt Ion: 65 Resp: 54363
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007322.D

Acq: 28 Jan 2022 15:45

Instrument :

MSVOA_Y

ClientSampleId :

STATE-ST-SP1-(4)

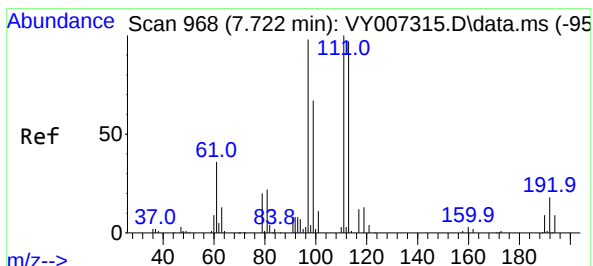
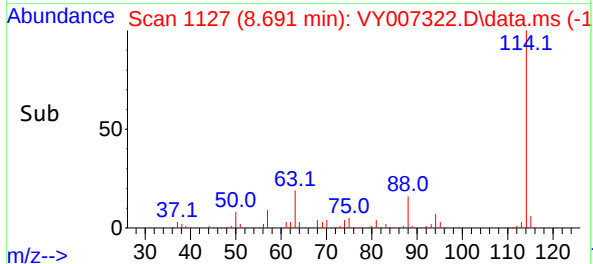
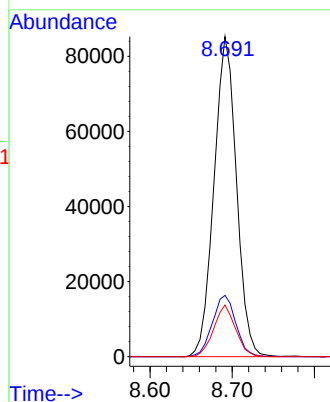
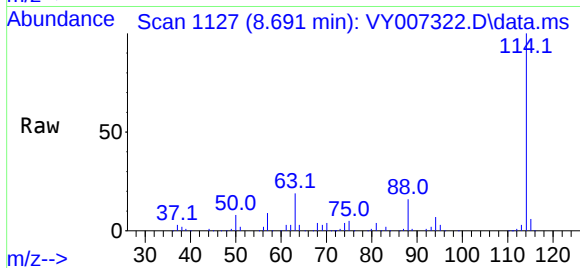
Tgt Ion:114 Resp: 161675

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

88 16.2 0.0 31.0



#35

Dibromofluoromethane

Concen: 48.867 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007322.D

Acq: 28 Jan 2022 15:45

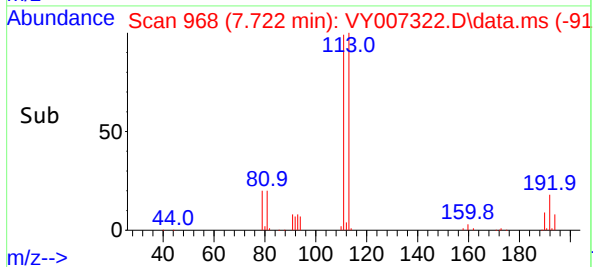
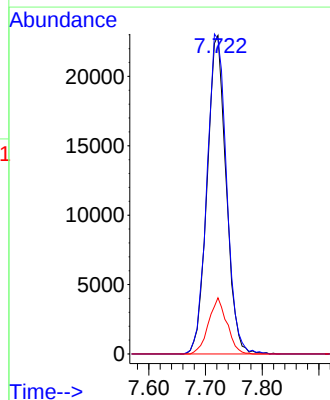
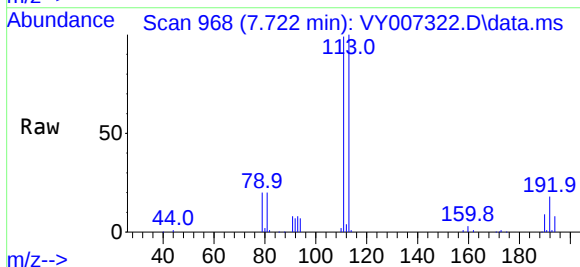
Tgt Ion:113 Resp: 53423

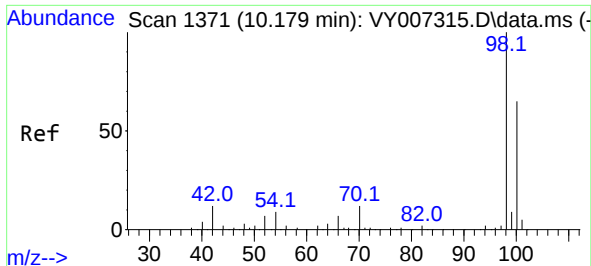
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 17.0 14.2 21.4

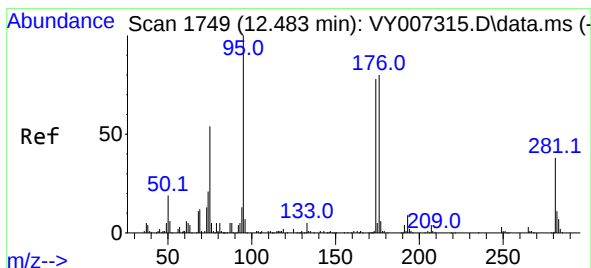
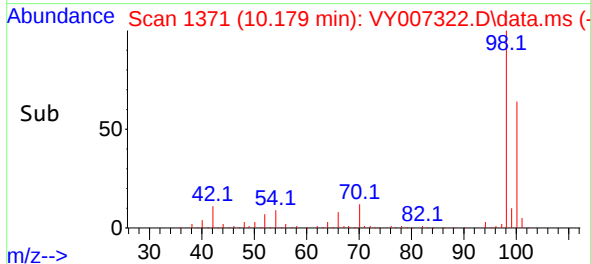
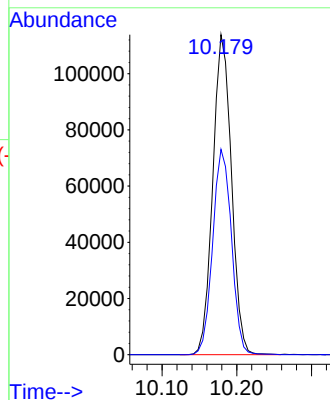
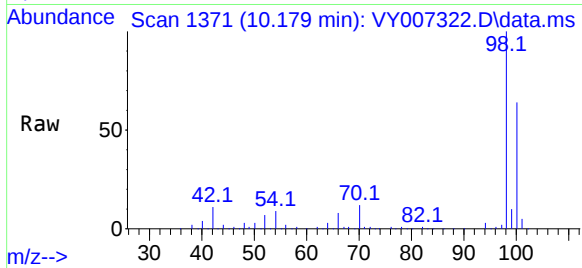




#50
Toluene-d8
Concen: 49.363 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007322.D
Acq: 28 Jan 2022 15:45

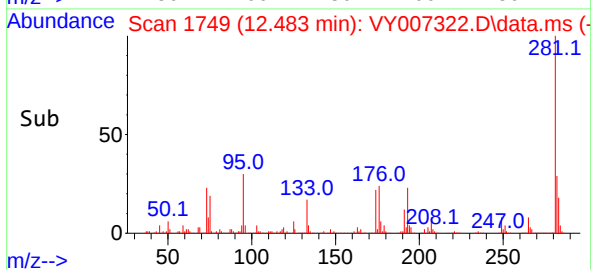
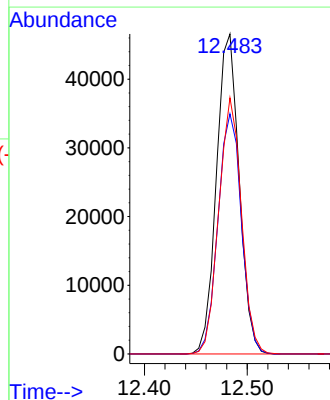
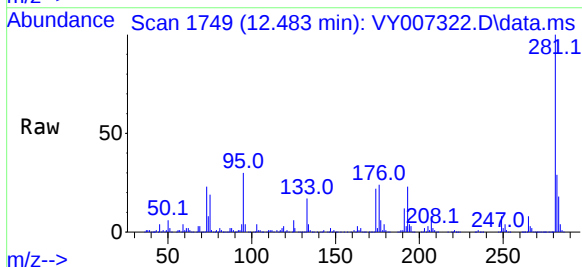
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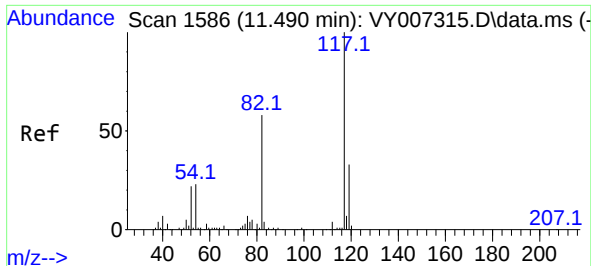
Tgt Ion: 98 Resp: 197184
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 50.306 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007322.D
Acq: 28 Jan 2022 15:45

Tgt Ion: 95 Resp: 71482
Ion Ratio Lower Upper
95 100
174 77.2 0.0 148.4
176 79.7 0.0 146.6

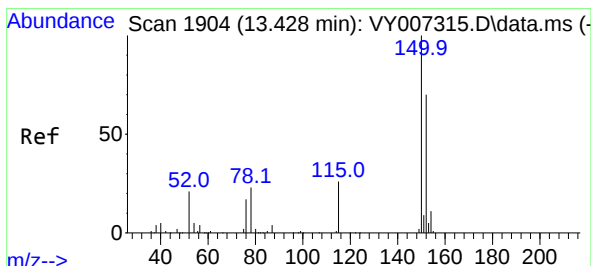
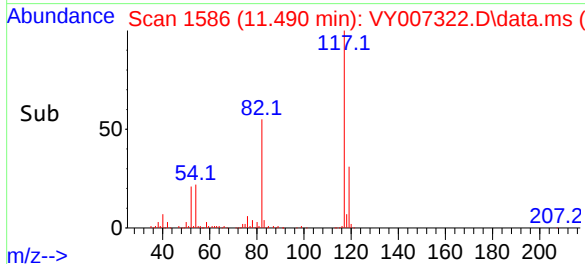
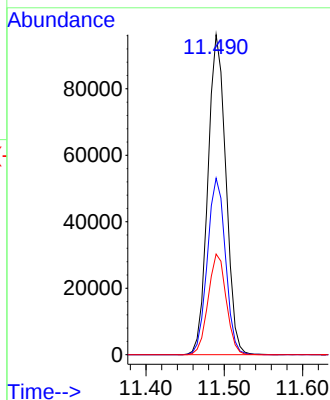
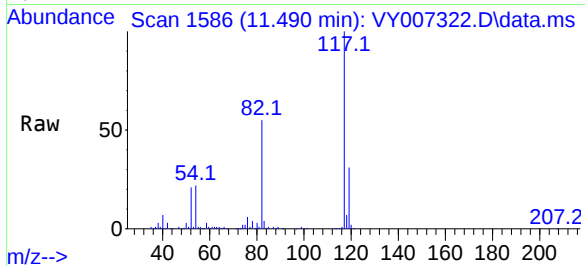




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007322.D
Acq: 28 Jan 2022 15:45

Instrument :
MSVOA_Y
ClientSampleId :
STATE-ST-SP1-(4)

Tgt Ion:117 Resp: 153364
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.0
119 31.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007322.D
Acq: 28 Jan 2022 15:45

Tgt Ion:152 Resp: 65770
Ion Ratio Lower Upper
152 100
115 61.8 31.4 94.0
150 155.4 0.0 348.4

