

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112122\
 Data File : VY011534.D
 Acq On : 21 Nov 2022 19:08
 Operator : KP/MD
 Sample : N5718-03
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-228

Quant Time: Nov 22 01:47:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	40852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	66791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	67499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	31113	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	29643	71.462	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.920%
35) Dibromofluoromethane	7.722	113	26574	64.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.260%
50) Toluene-d8	10.179	98	87485	58.553	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.100%
62) 4-Bromofluorobenzene	12.483	95	34052	61.641	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	123.280%

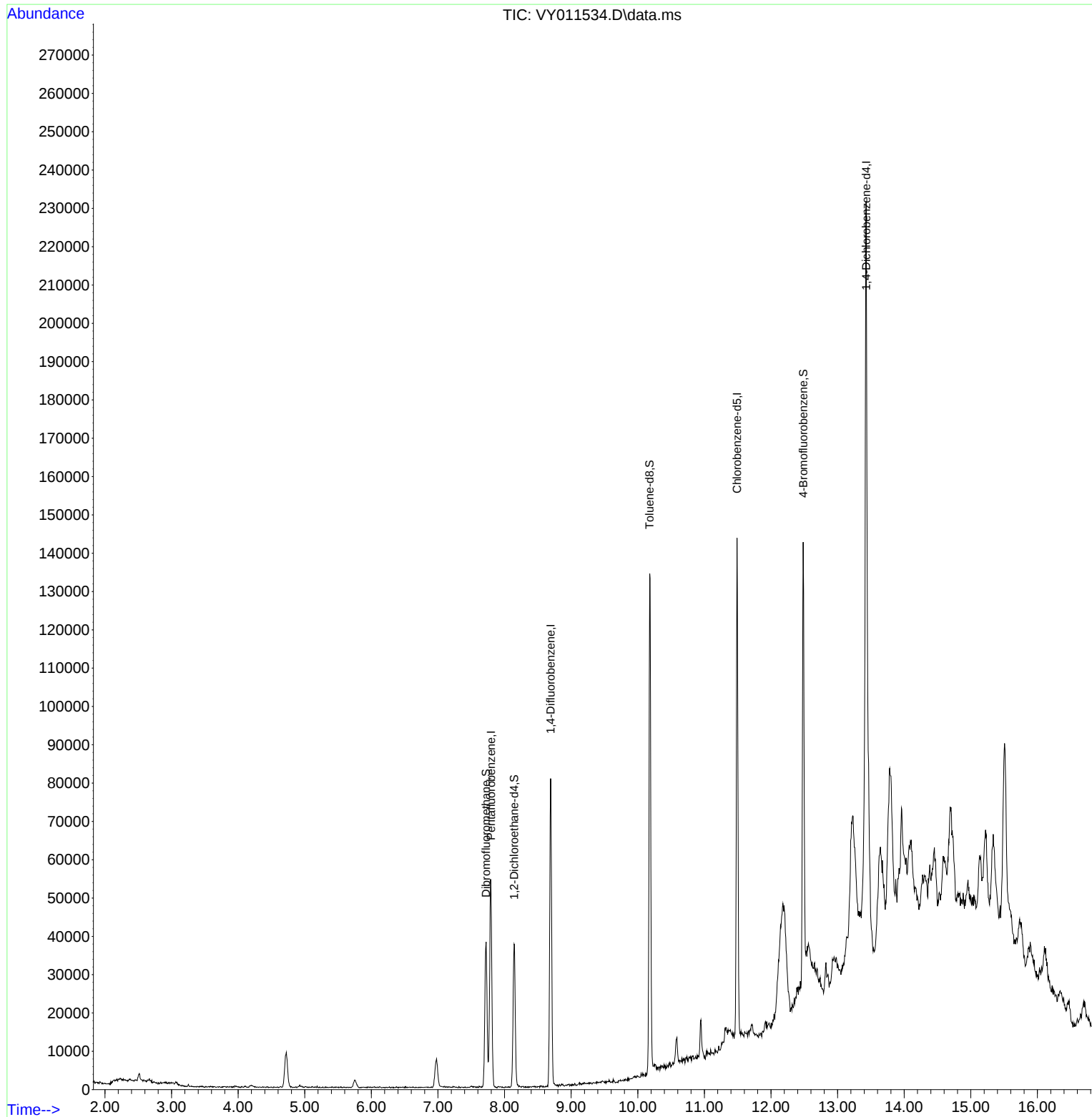
Target Compounds	Qvalue

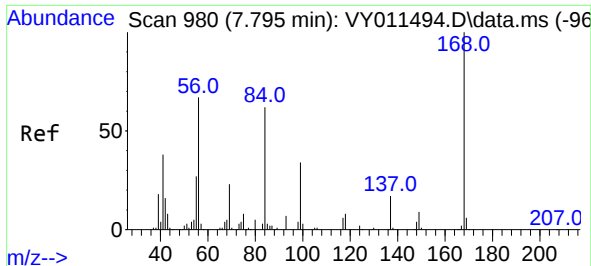
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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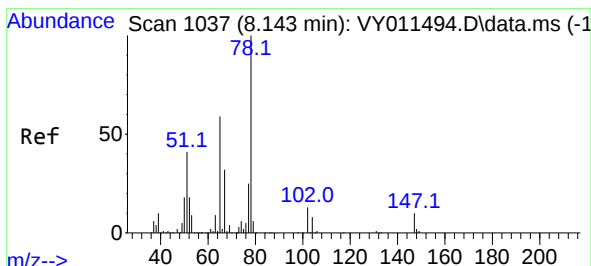
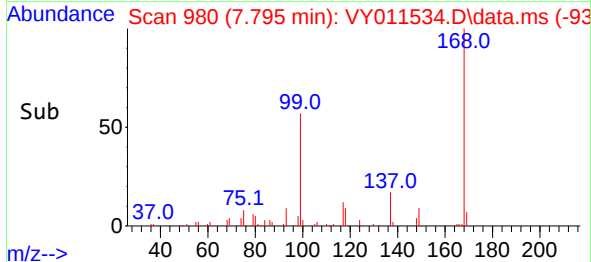
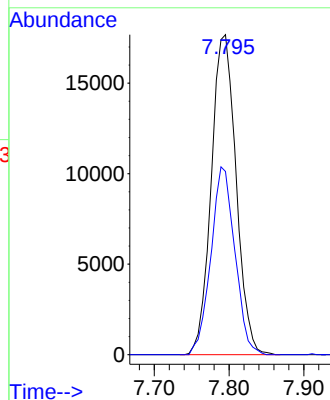
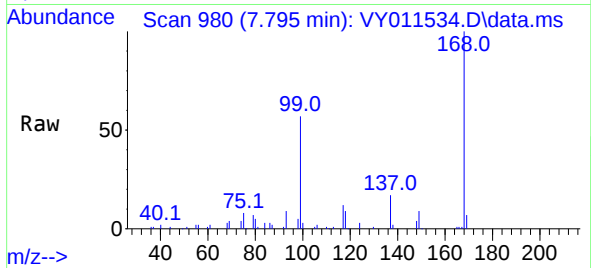




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011534.D
Acq: 21 Nov 2022 19:08

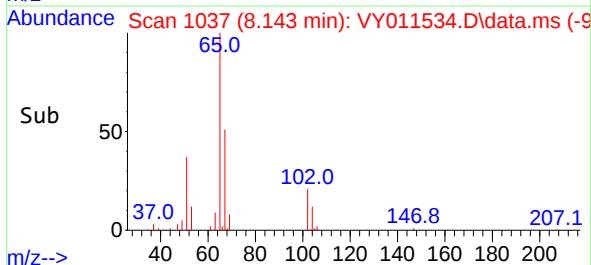
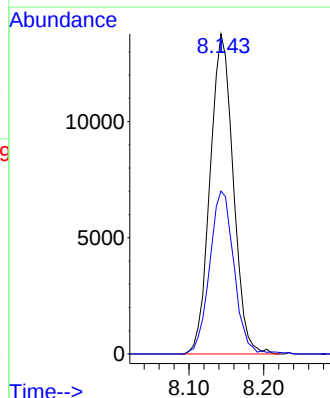
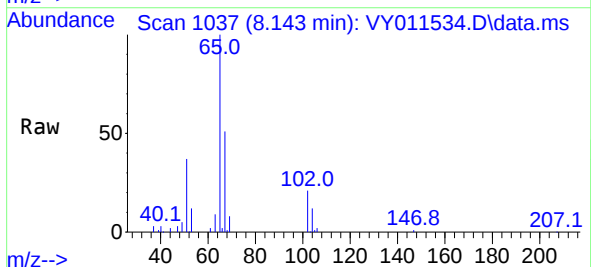
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-228

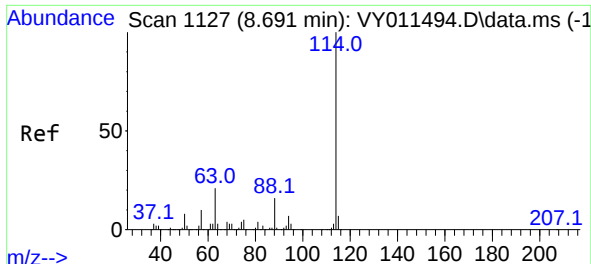
Tgt Ion:168 Resp: 40852
Ion Ratio Lower Upper
168 100
99 57.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 71.462 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011534.D
Acq: 21 Nov 2022 19:08

Tgt Ion: 65 Resp: 29643
Ion Ratio Lower Upper
65 100
67 53.6 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: VY011534.D

Acq: 21 Nov 2022 19:08

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-228

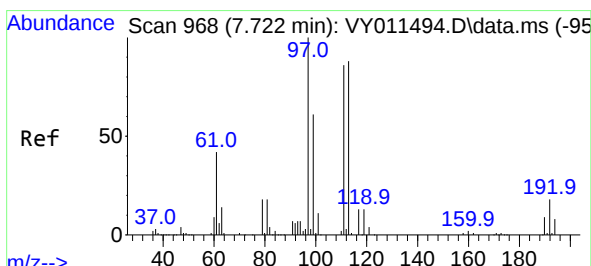
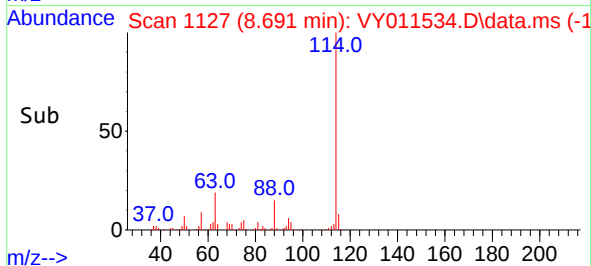
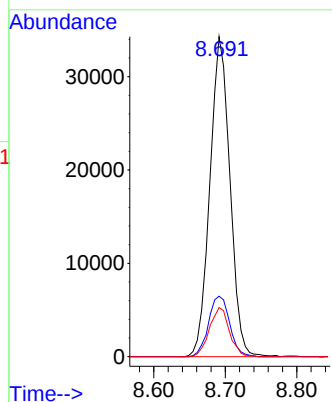
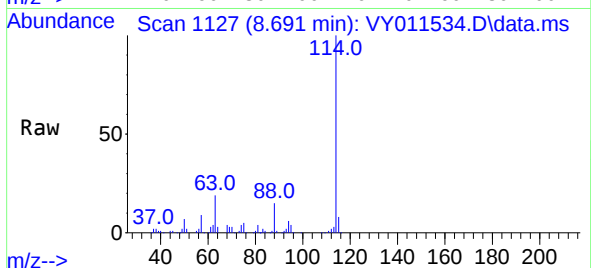
Tgt Ion:114 Resp: 66791

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 64.632 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY011534.D

Acq: 21 Nov 2022 19:08

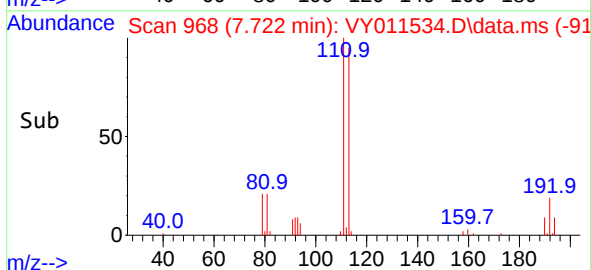
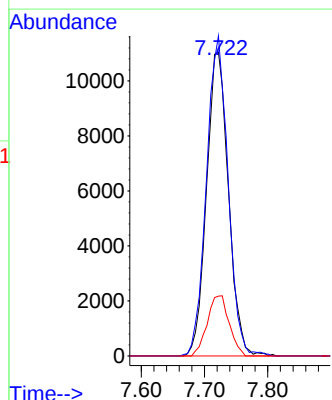
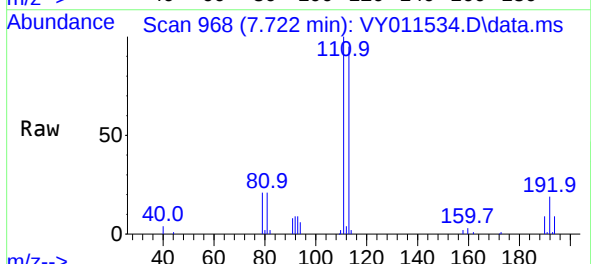
Tgt Ion:113 Resp: 26574

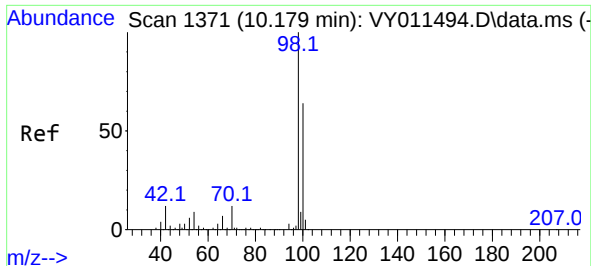
Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 19.8 17.6 26.4

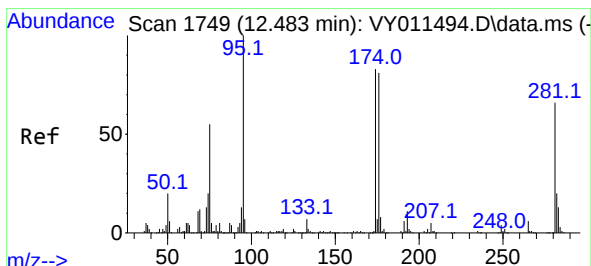
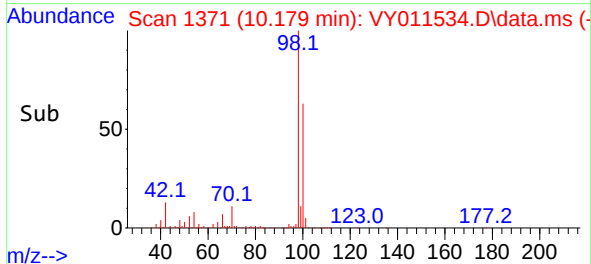
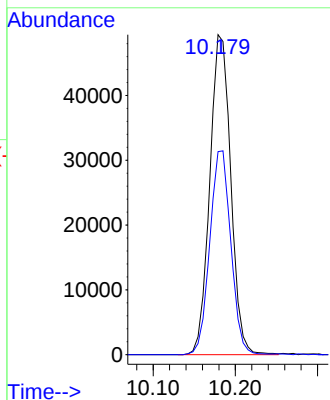
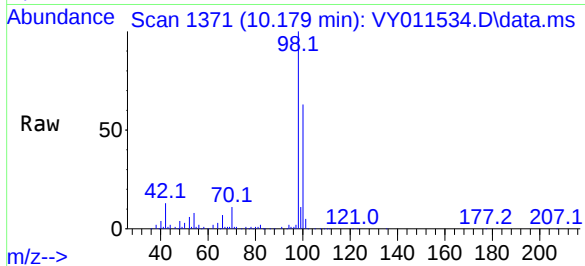




#50
Toluene-d8
Concen: 58.553 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011534.D
Acq: 21 Nov 2022 19:08

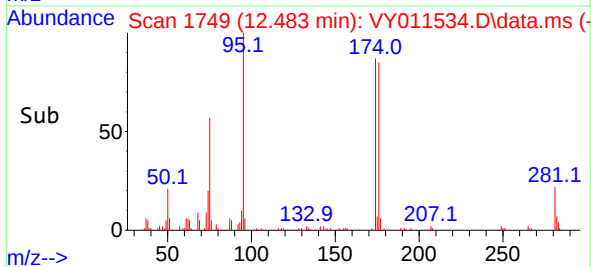
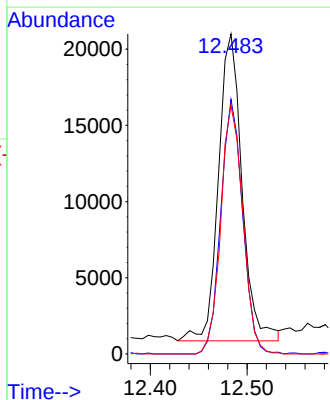
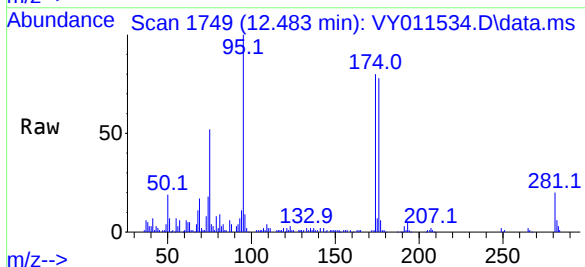
Instrument :
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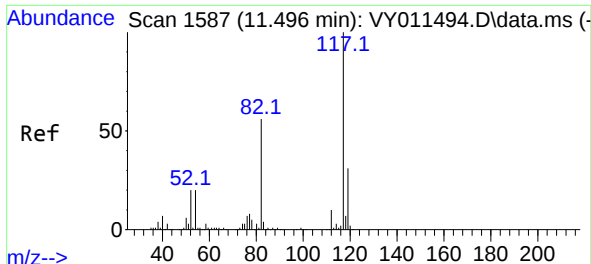
Tgt Ion: 98 Resp: 87485
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 61.641 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011534.D
Acq: 21 Nov 2022 19:08

Tgt Ion: 95 Resp: 34052
Ion Ratio Lower Upper
95 100
174 76.9 0.0 177.0
176 75.9 0.0 175.8

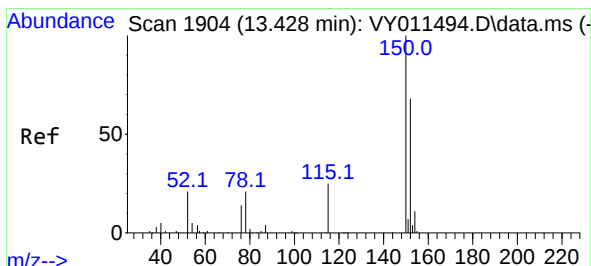
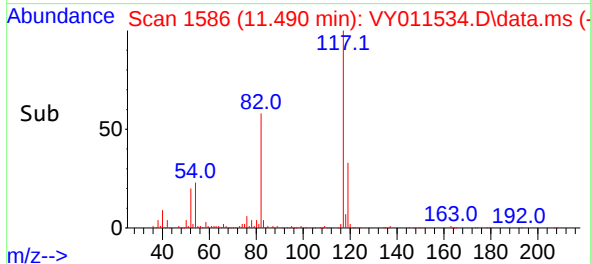
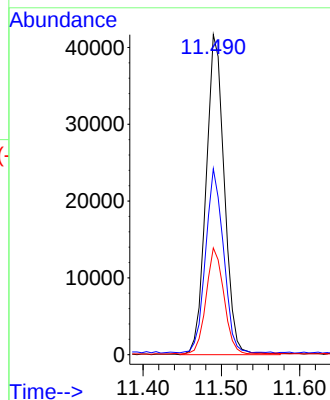
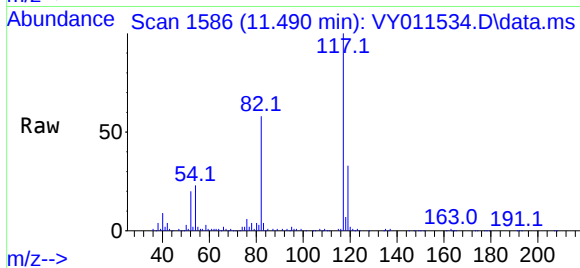




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY011534.D
Acq: 21 Nov 2022 19:08

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-228

Tgt Ion:	117	Resp:	67499
Ion	Ratio	Lower	Upper
117	100		
82	57.5	43.0	64.4
119	33.2	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: VY011534.D
Acq: 21 Nov 2022 19:08

Tgt Ion:	152	Resp:	31113
Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.2	84.7
150	152.7	0.0	347.6

