

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012100.D
 Acq On : 06 Jan 2023 18:35
 Operator : KP/MD
 Sample : 01033-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-228

Quant Time: Jan 07 01:50:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	93399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	159806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	155627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71138	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60882	58.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.020%
35) Dibromofluoromethane	7.716	113	50764	48.329	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.660%
50) Toluene-d8	10.179	98	193994	46.792	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.580%
62) 4-Bromofluorobenzene	12.483	95	62503	43.130	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.260%

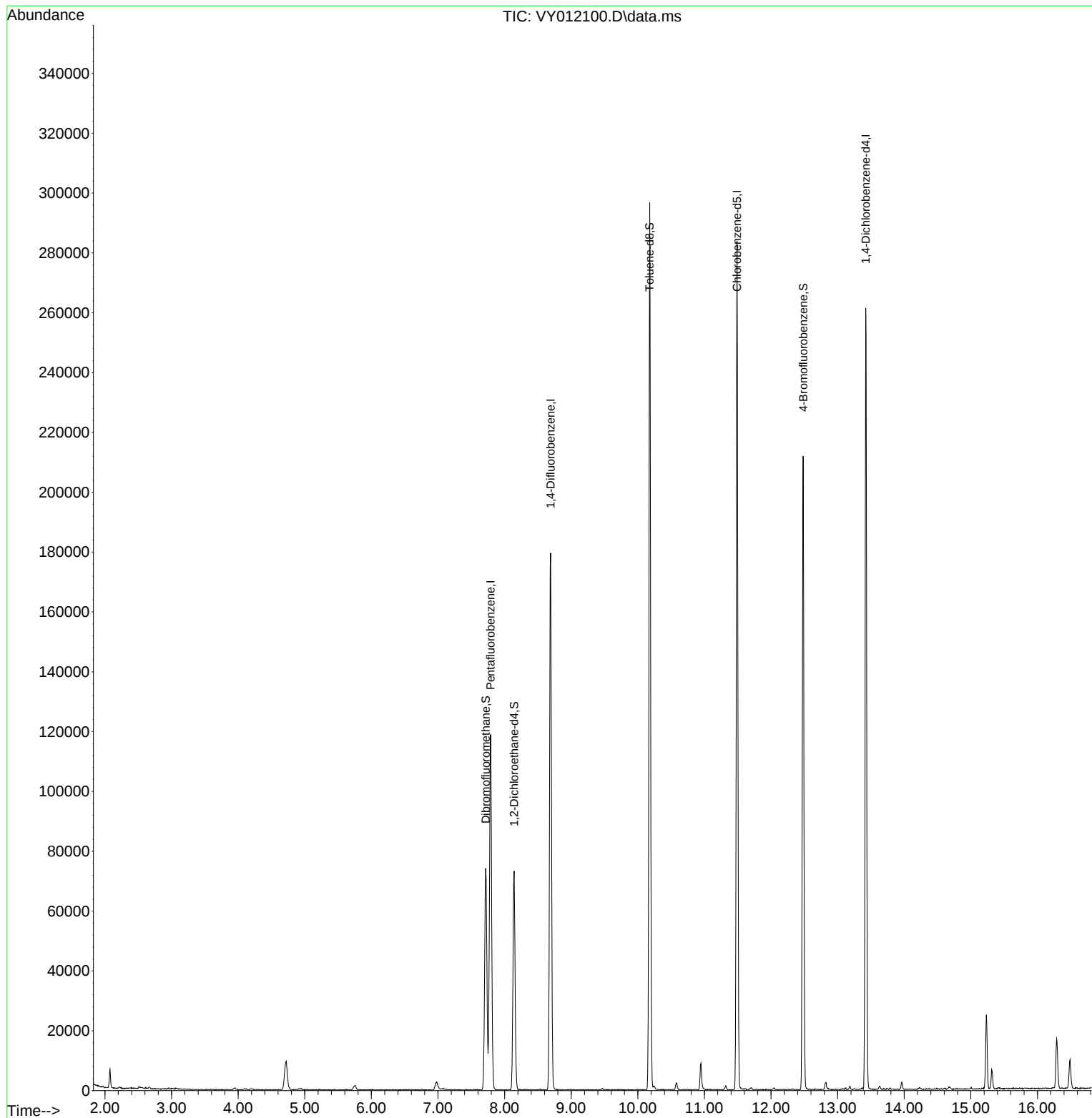
Target Compounds	Qvalue

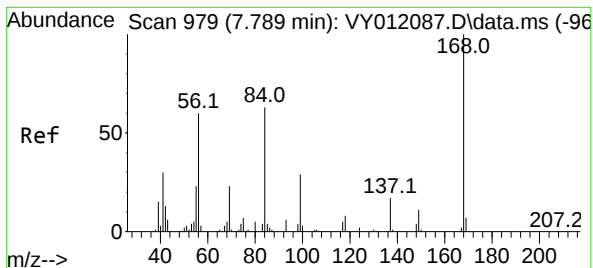
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY012100.D

Acq: 06 Jan 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

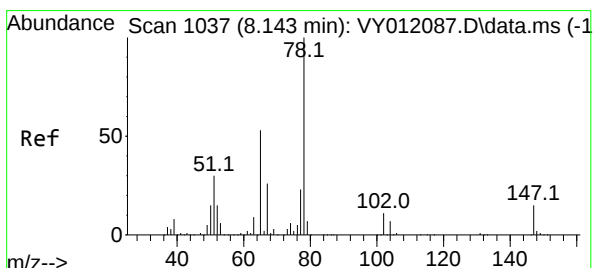
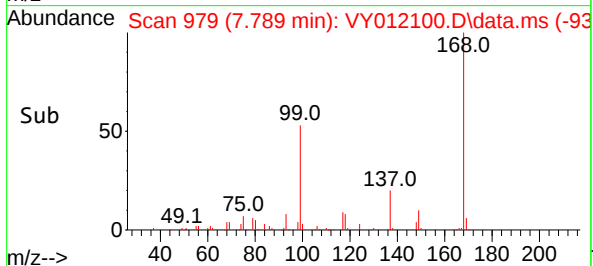
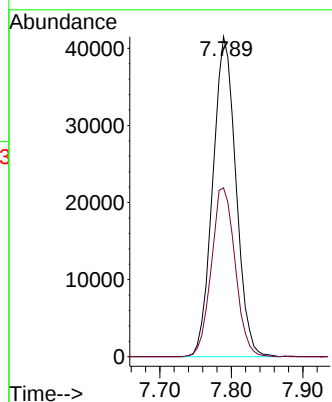
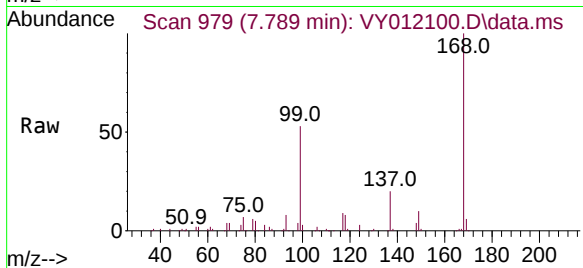
VNJ-228

Tgt Ion:168 Resp: 93399

Ion Ratio Lower Upper

168 100

99 52.7 44.0 66.0



#33

1,2-Dichloroethane-d4

Concen: 58.011 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012100.D

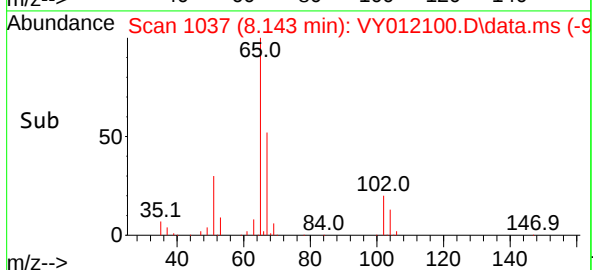
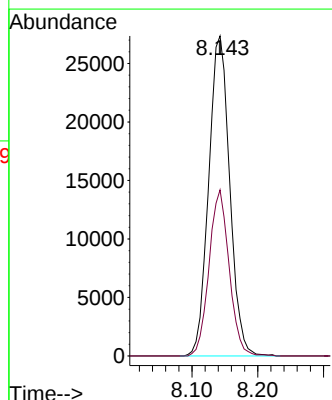
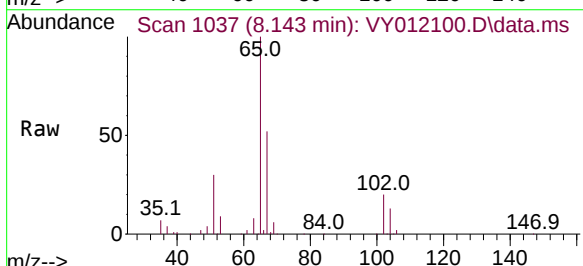
Acq: 06 Jan 2023 18:35

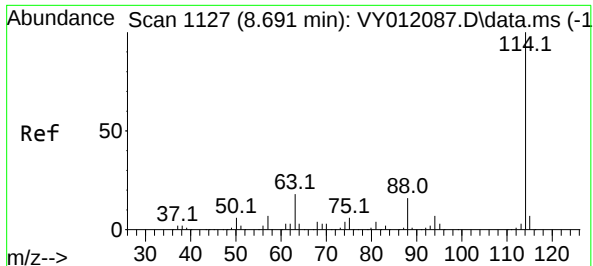
Tgt Ion: 65 Resp: 60882

Ion Ratio Lower Upper

65 100

67 49.6 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012100.D

Acq: 06 Jan 2023 18:35

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-228

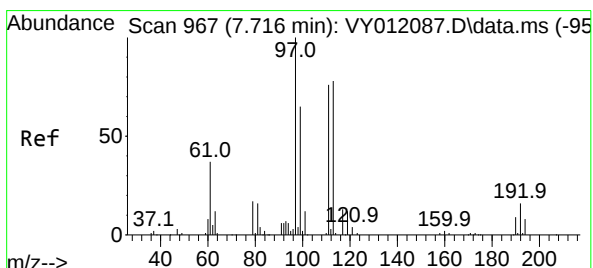
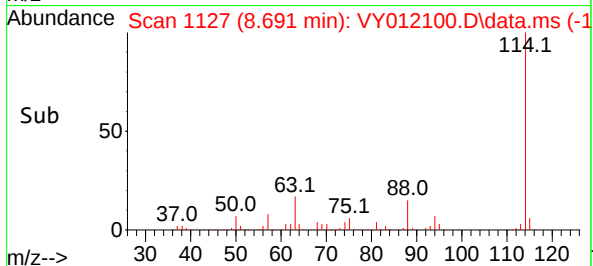
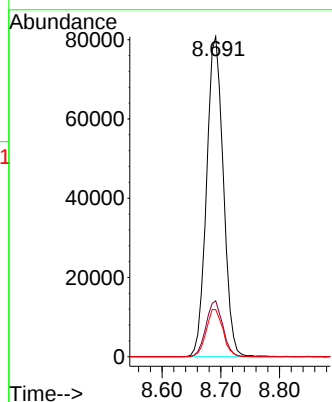
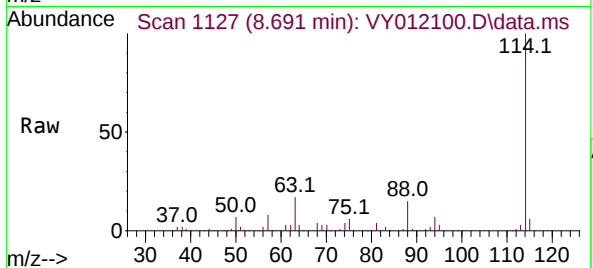
Tgt Ion:114 Resp: 159806

Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 14.7 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.329 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012100.D

Acq: 06 Jan 2023 18:35

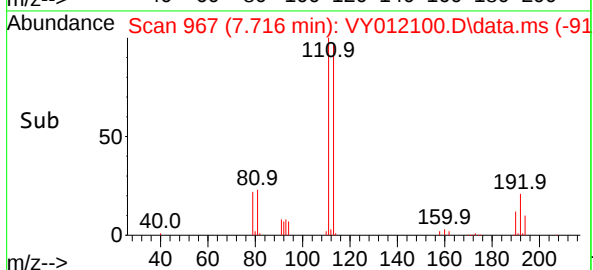
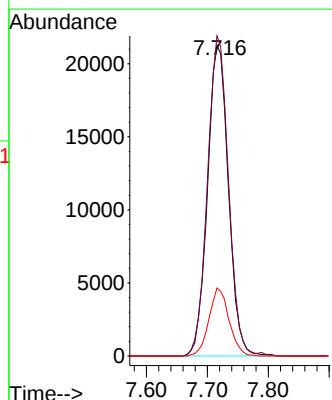
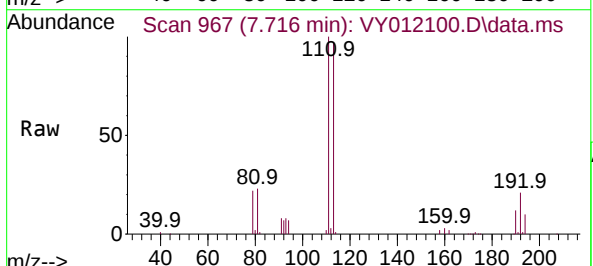
Tgt Ion:113 Resp: 50764

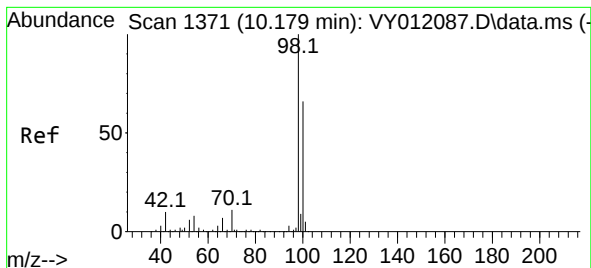
Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.4

192 20.9 16.0 24.0

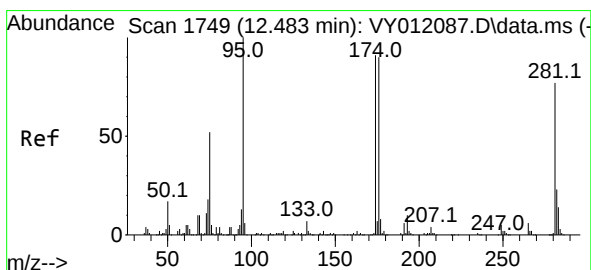
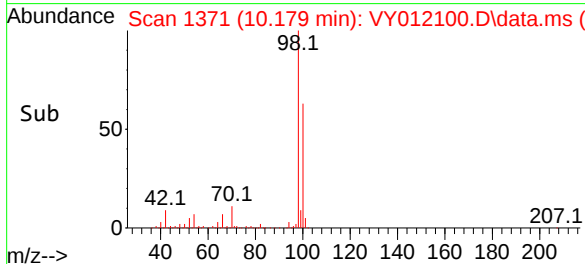
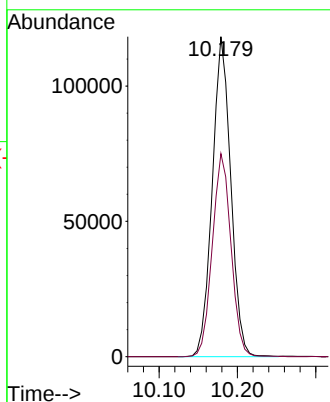
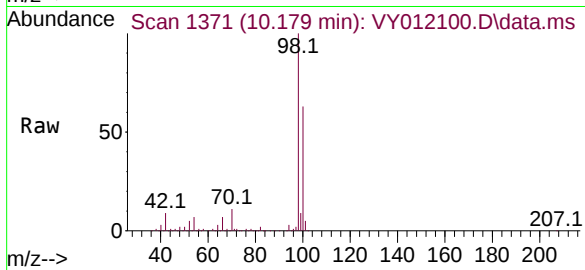




#50
Toluene-d8
Concen: 46.792 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012100.D
Acq: 06 Jan 2023 18:35

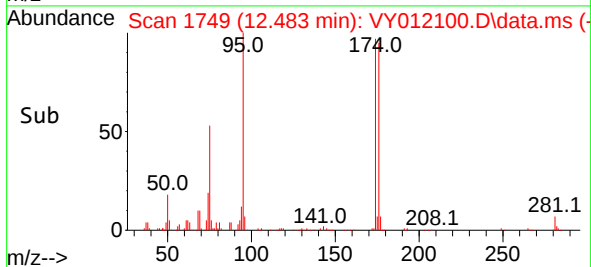
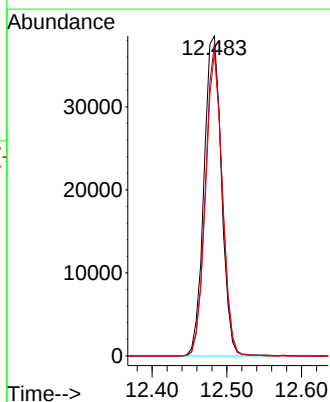
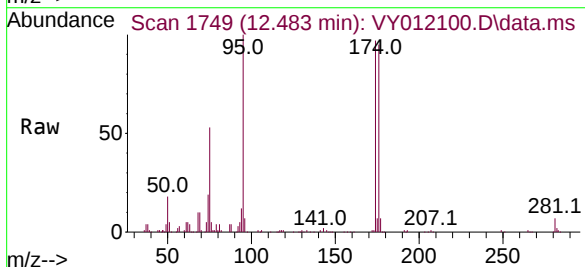
Instrument :
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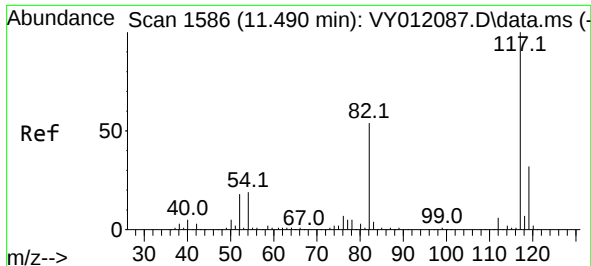
Tgt Ion: 98 Resp: 193994
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 43.130 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012100.D
Acq: 06 Jan 2023 18:35

Tgt Ion: 95 Resp: 62503
Ion Ratio Lower Upper
95 100
174 93.2 0.0 172.0
176 91.0 0.0 167.6

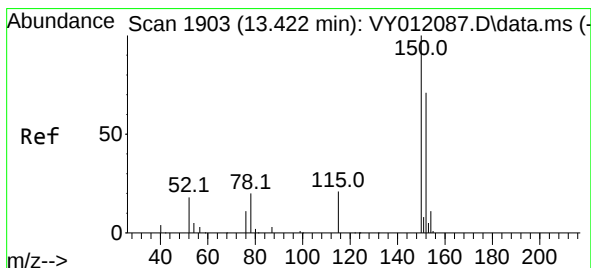
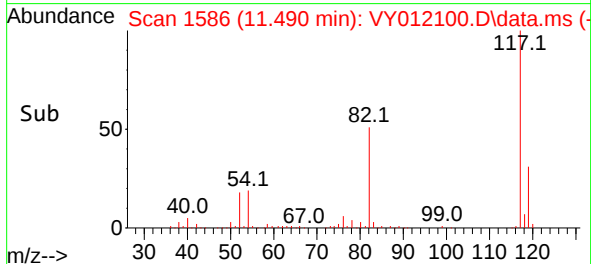
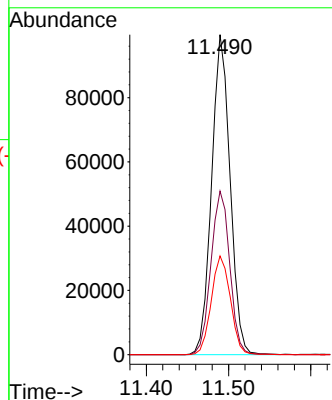
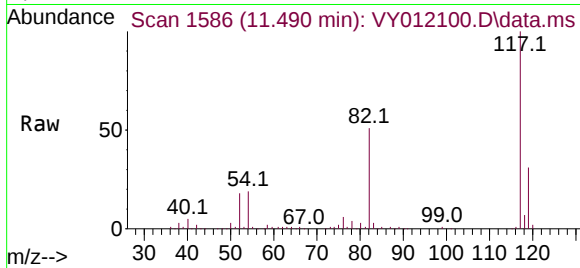




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012100.D
Acq: 06 Jan 2023 18:35

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-228

Tgt Ion:117 Resp: 155627
Ion Ratio Lower Upper
117 100
82 51.1 44.8 67.2
119 30.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY012100.D
Acq: 06 Jan 2023 18:35

Tgt Ion:152 Resp: 71138
Ion Ratio Lower Upper
152 100
115 56.1 29.1 87.3
150 156.7 0.0 342.6

