

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY016009.D
 Acq On : 17 Oct 2023 17:08
 Operator : SY/MD
 Sample : 04920-03
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSS-B3-COMP-101623

Quant Time: Oct 18 06:10:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	127859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	211027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	198691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98671	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	75416	51.682	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.360%
35) Dibromofluoromethane	7.722	113	69230	52.110	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.220%
50) Toluene-d8	10.179	98	249262	50.100	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.200%
62) 4-Bromofluorobenzene	12.483	95	87197	49.219	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.440%

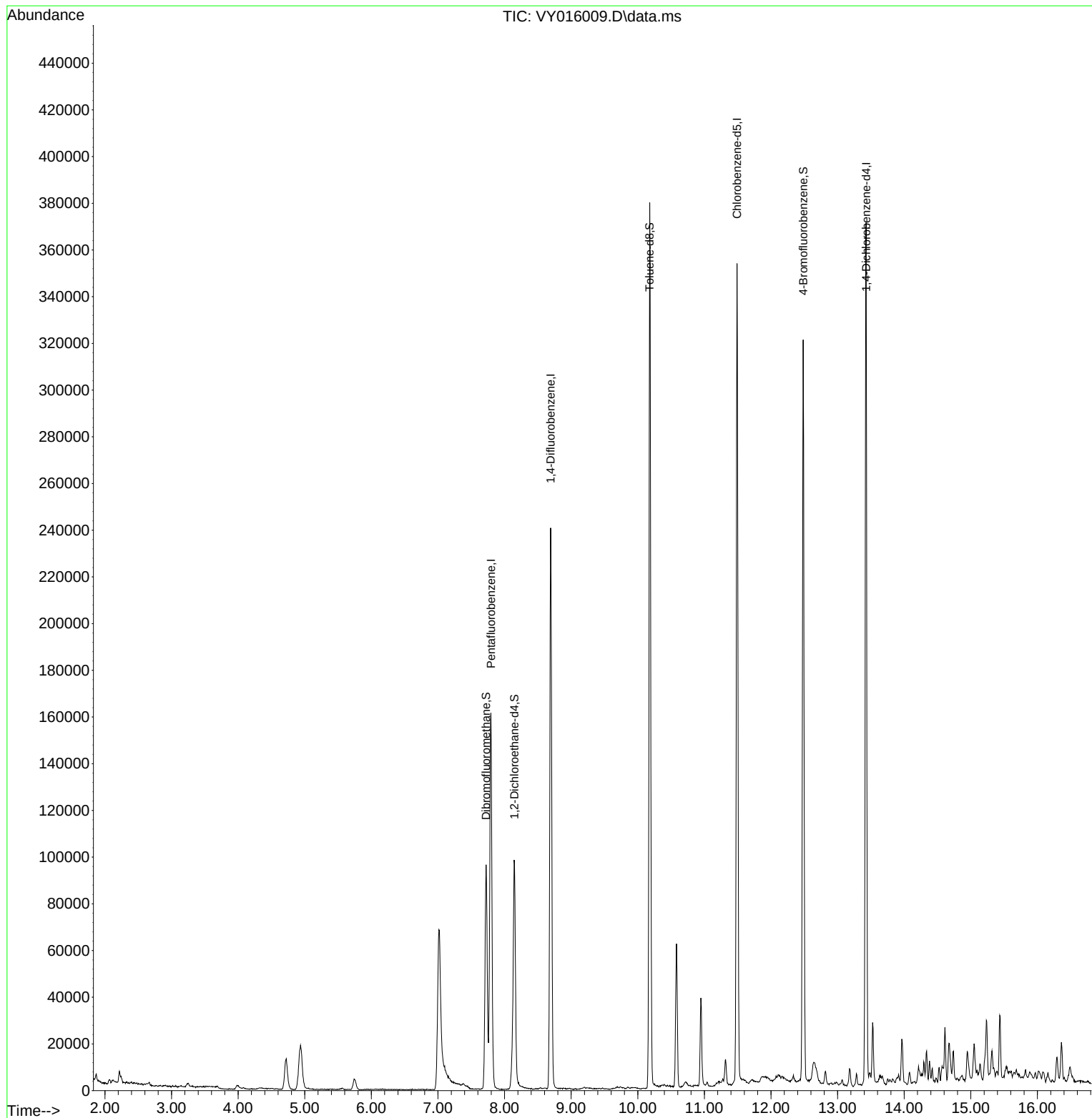
Target Compounds	Qvalue

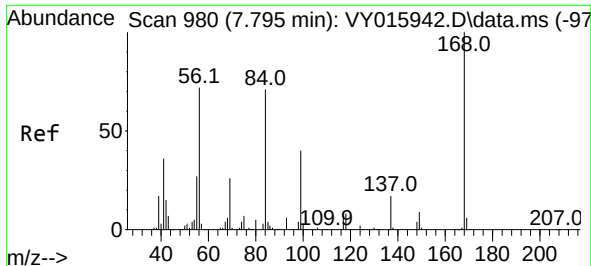
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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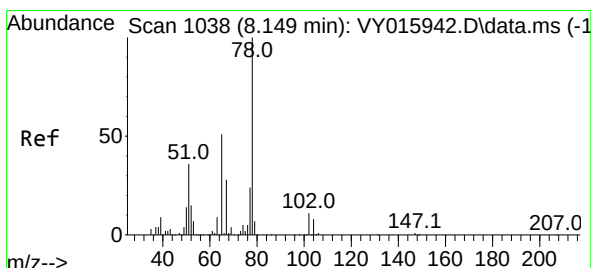
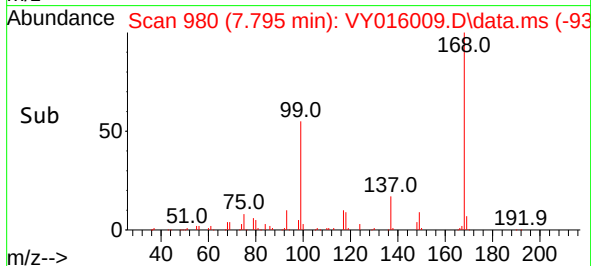
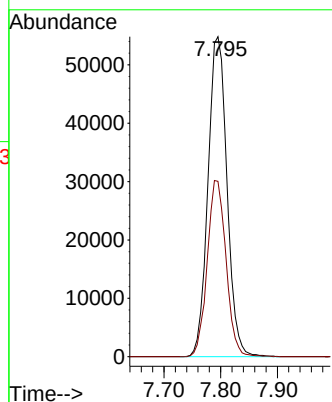
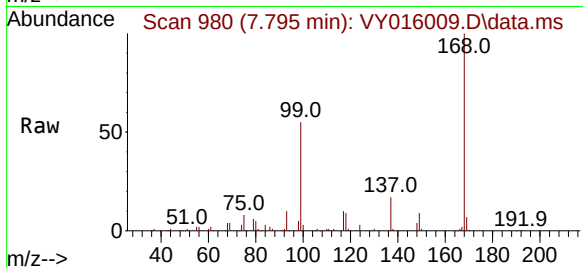




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY016009.D
Acq: 17 Oct 2023 17:08

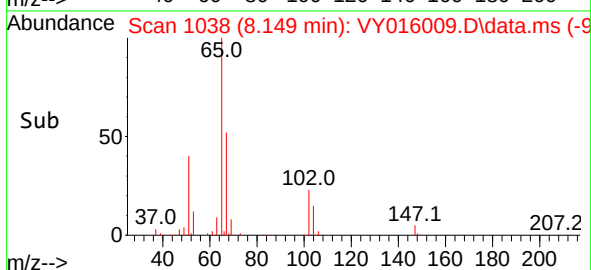
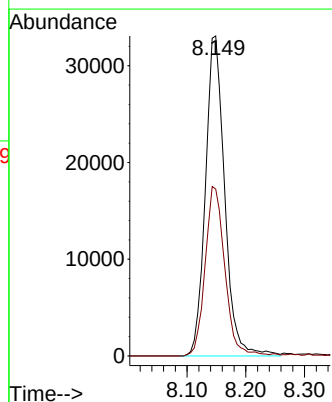
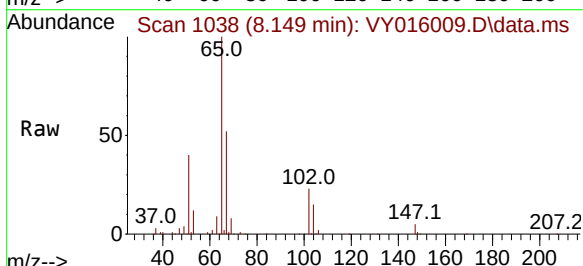
Instrument :
MSVOA_Y
ClientSampleId :
LSS-B3-COMP-101623

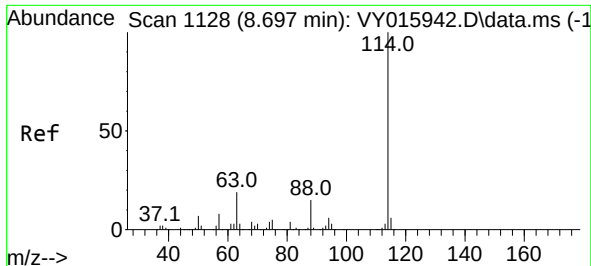
Tgt Ion:168 Resp: 127859
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.682 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY016009.D
Acq: 17 Oct 2023 17:08

Tgt Ion: 65 Resp: 75416
Ion Ratio Lower Upper
65 100
67 54.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY016009.D

Acq: 17 Oct 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

LSS-B3-COMP-101623

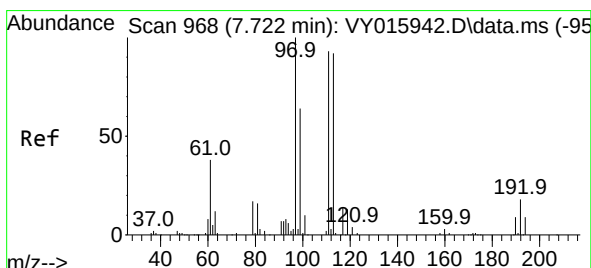
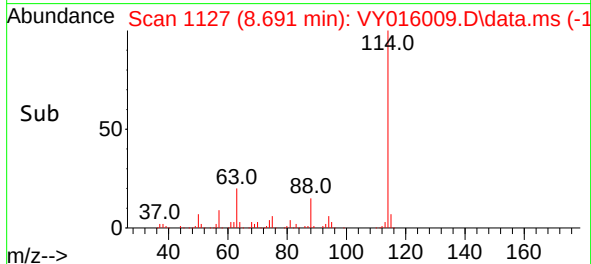
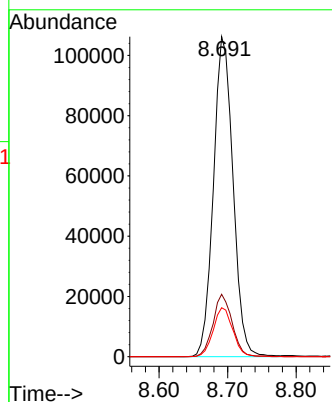
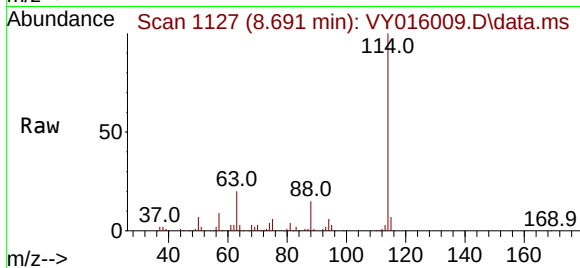
Tgt Ion:114 Resp: 211027

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.110 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY016009.D

Acq: 17 Oct 2023 17:08

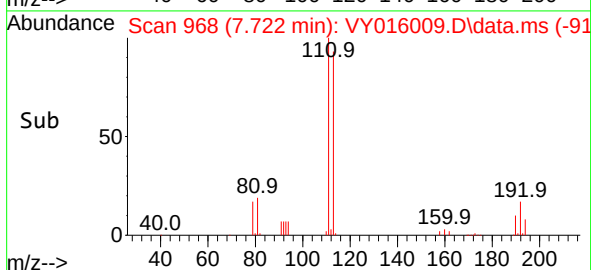
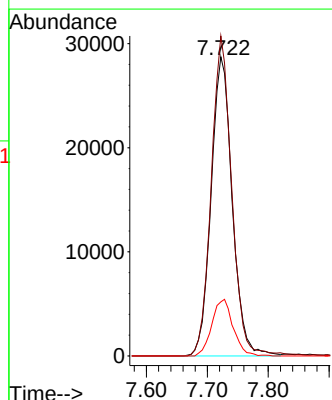
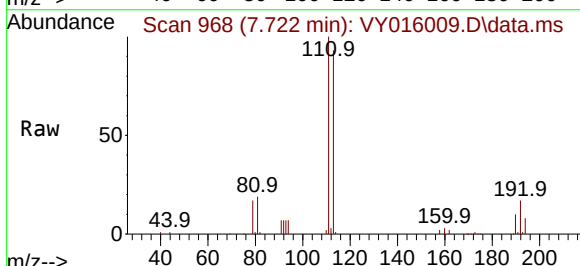
Tgt Ion:113 Resp: 69230

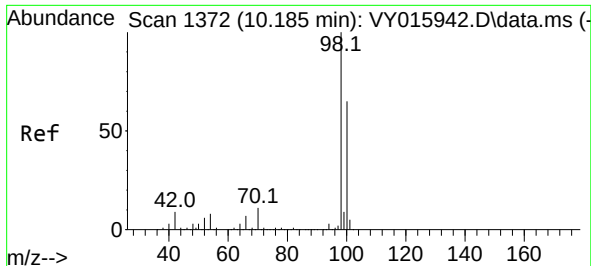
Ion Ratio Lower Upper

113 100

111 104.1 81.3 121.9

192 19.1 16.9 25.3

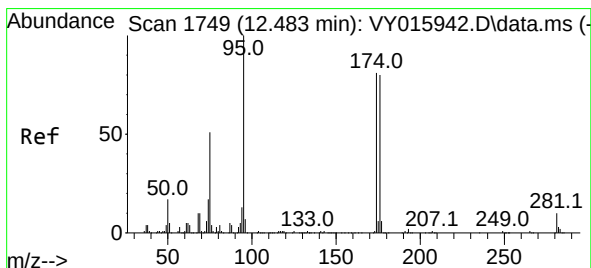
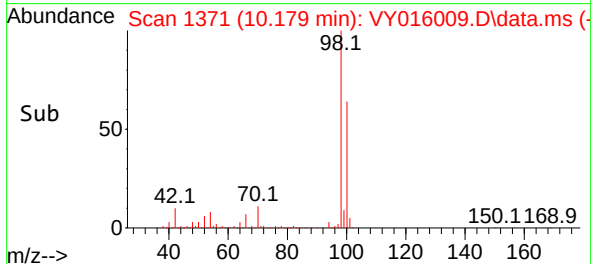
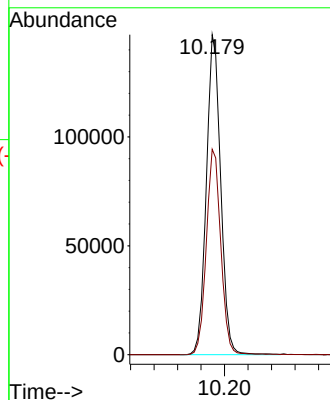
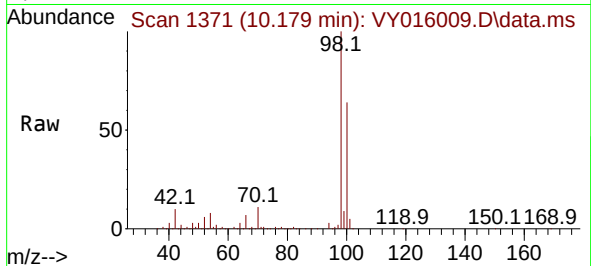




#50
Toluene-d8
Concen: 50.100 ug/l
RT: 10.179 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016009.D
Acq: 17 Oct 2023 17:08

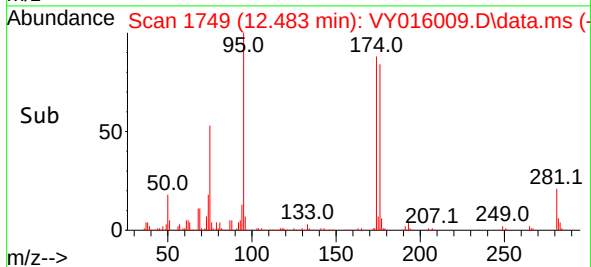
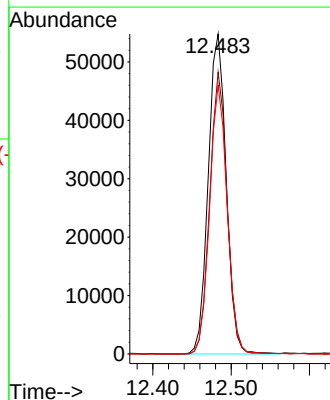
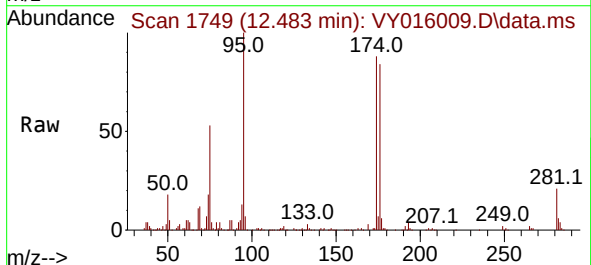
Instrument :
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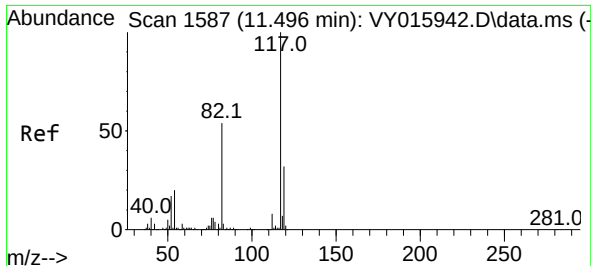
Tgt Ion: 98 Resp: 249262
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.219 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY016009.D
Acq: 17 Oct 2023 17:08

Tgt Ion: 95 Resp: 87197
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 82.1 0.0 173.8

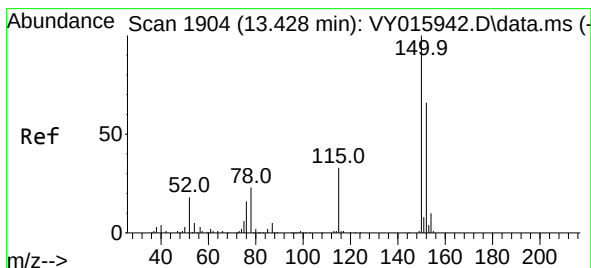
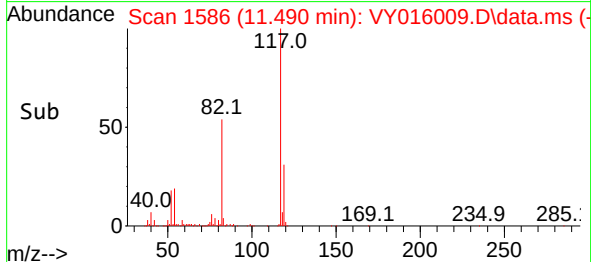
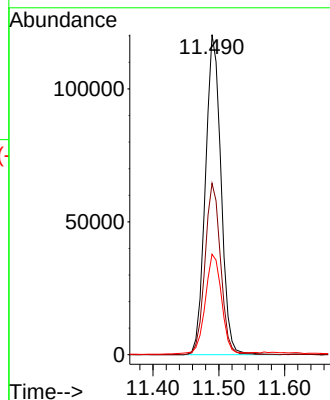
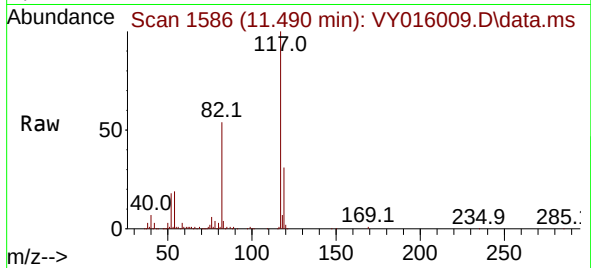




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016009.D
Acq: 17 Oct 2023 17:08

Instrument :
MSVOA_Y
ClientSampleId :
LSS-B3-COMP-101623

Tgt Ion:	117	Resp:	198691
Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.4	65.0
119	31.0	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY016009.D
Acq: 17 Oct 2023 17:08

Tgt Ion:	152	Resp:	98671
Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.8	86.5
150	157.7	0.0	348.8

