

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016039.D
 Acq On : 19 Oct 2023 15:59
 Operator : SY/MD
 Sample : 04919-03
 Misc : 5.70g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSS-B5-COMP-101723

Quant Time: Oct 20 05:37:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

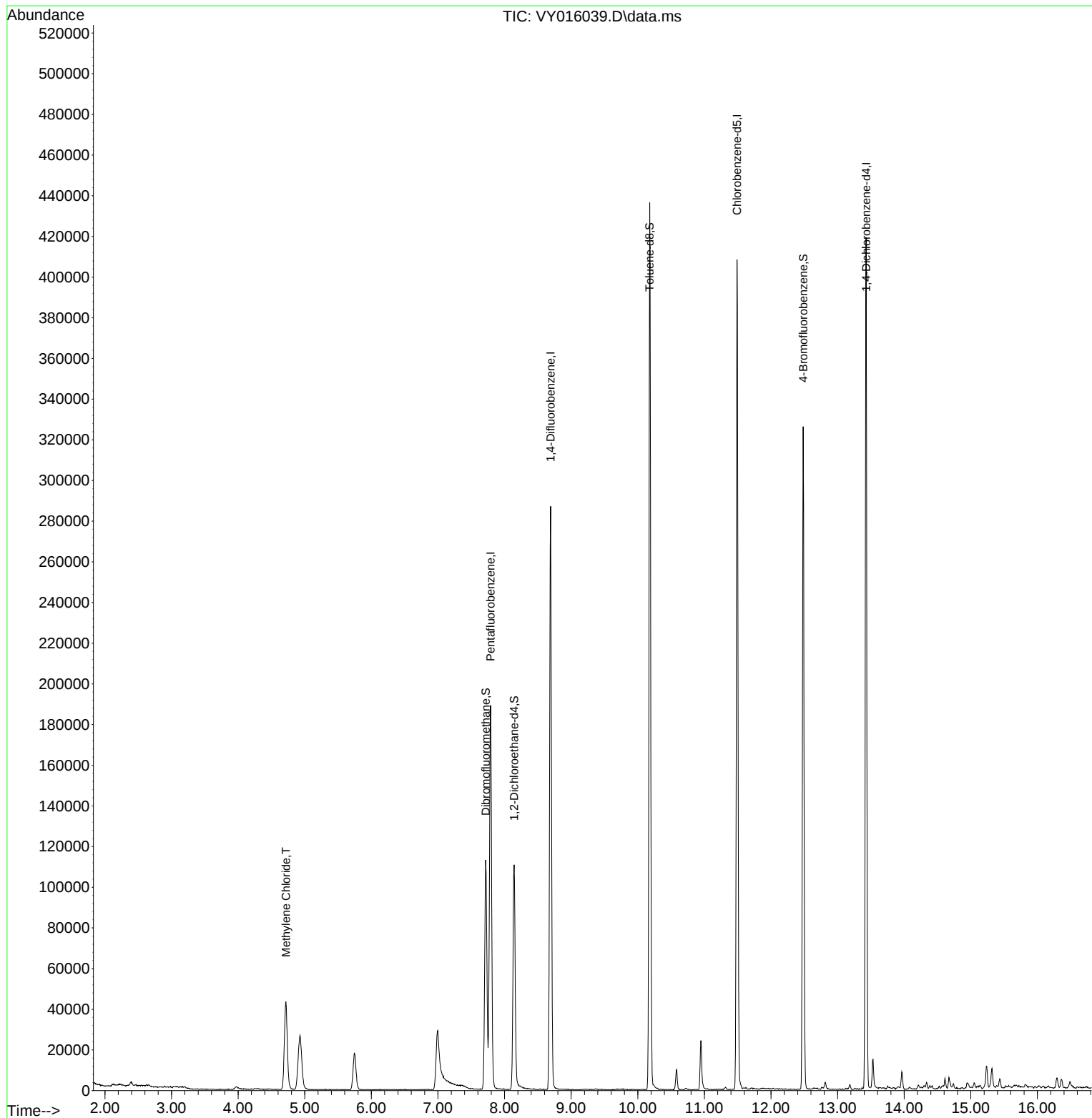
Internal Standards						
1) Pentafluorobenzene	7.789	168	149413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	249590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	229646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92044	54.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.400%
35) Dibromofluoromethane	7.716	113	80930	49.262	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.520%
50) Toluene-d8	10.179	98	292068	48.951	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.483	95	98374	46.208	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.420%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	33937	18.147	ug/l	87

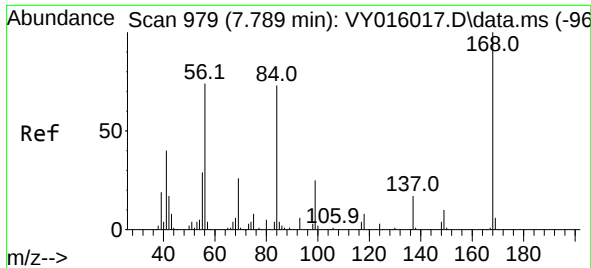
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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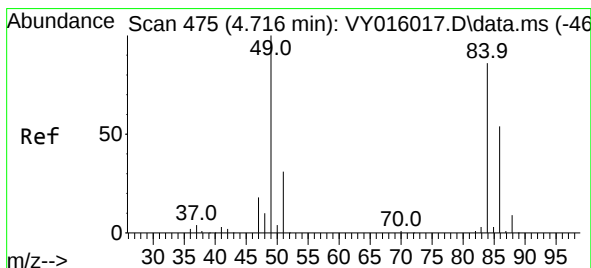
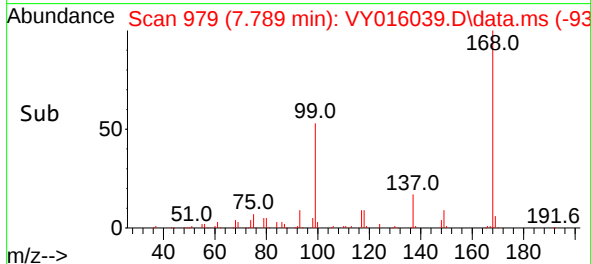
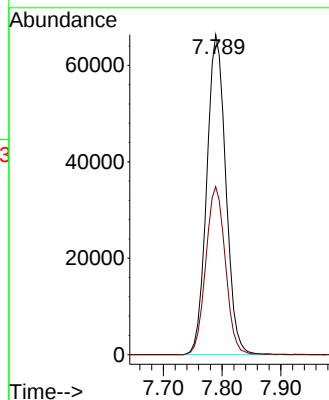
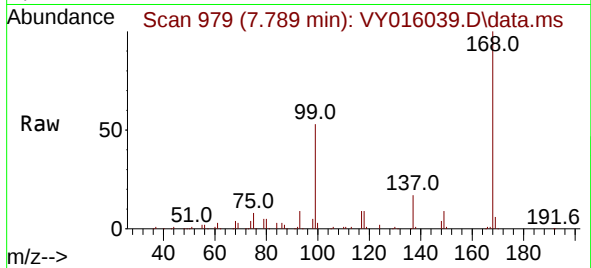




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016039.D
Acq: 19 Oct 2023 15:59

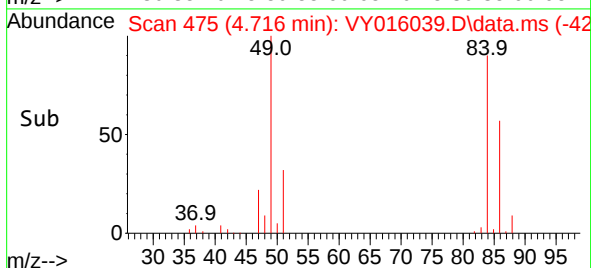
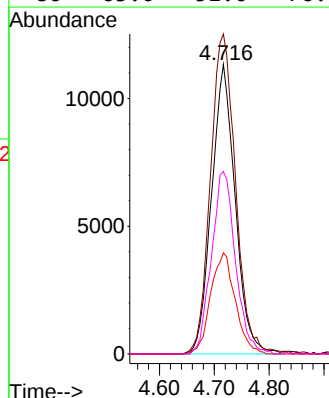
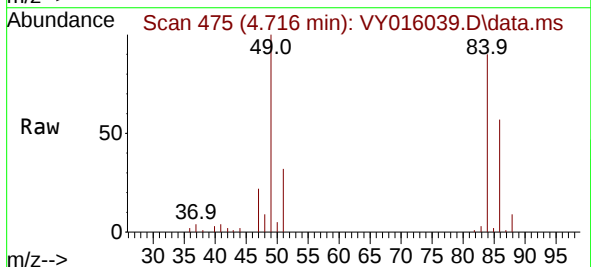
Instrument :
MSVOA_Y
ClientSampleId :
LSS-B5-COMP-101723

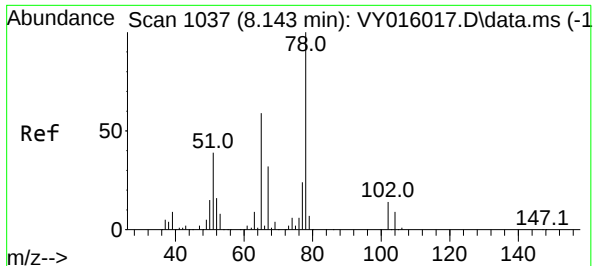
Tgt Ion:168 Resp: 149413
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#20
Methylene Chloride
Concen: 18.147 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY016039.D
Acq: 19 Oct 2023 15:59

Tgt Ion: 84 Resp: 33937
Ion Ratio Lower Upper
84 100
49 110.5 106.9 160.3
51 34.9 33.2 49.8
86 63.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.201 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016039.D

Acq: 19 Oct 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

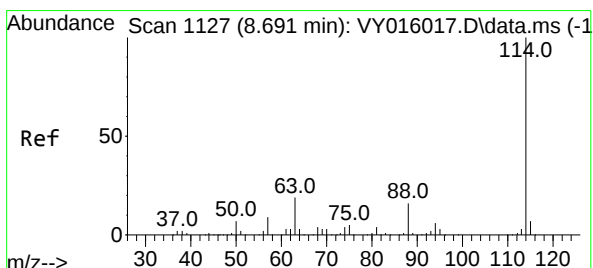
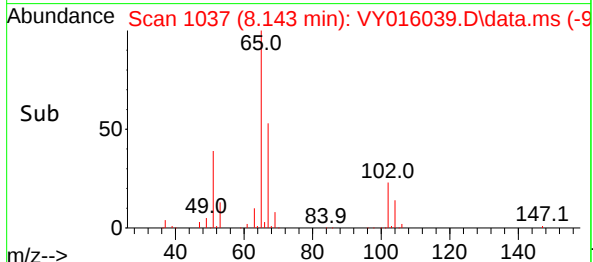
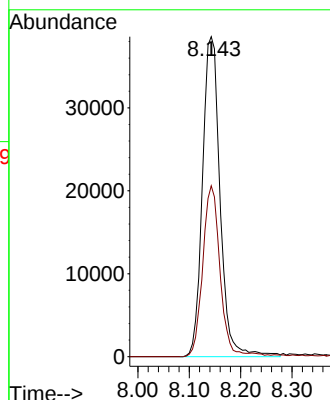
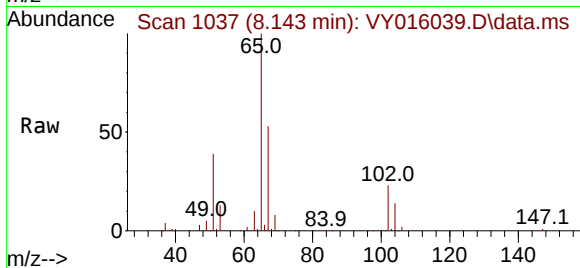
LSS-B5-COMP-101723

Tgt Ion: 65 Resp: 92044

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY016039.D

Acq: 19 Oct 2023 15:59

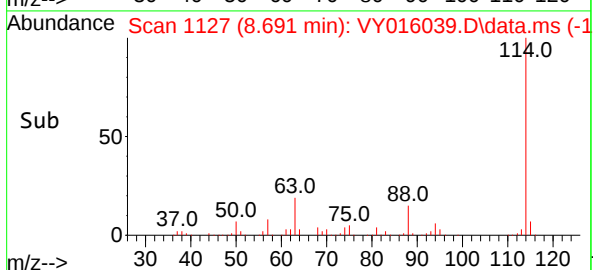
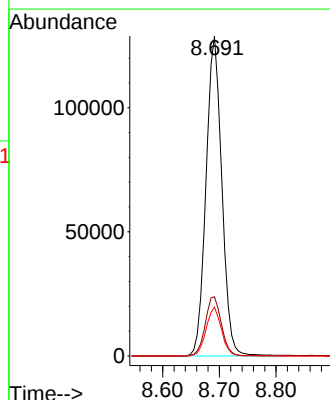
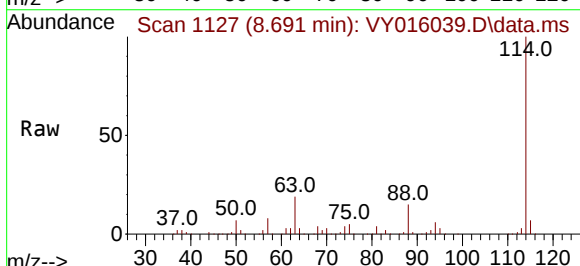
Tgt Ion: 114 Resp: 249590

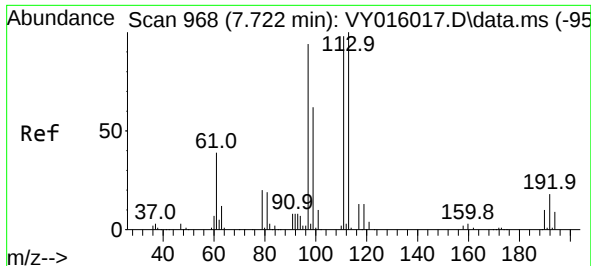
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 15.2 0.0 30.6

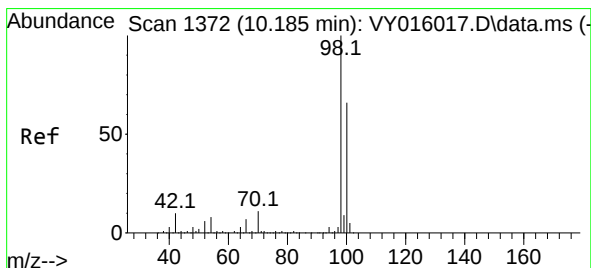
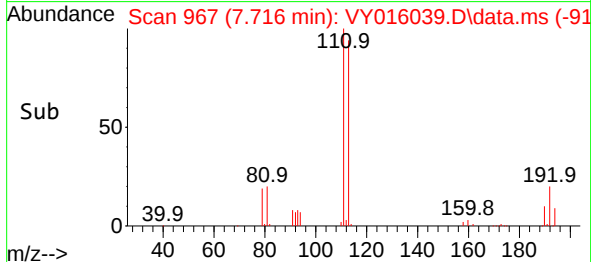
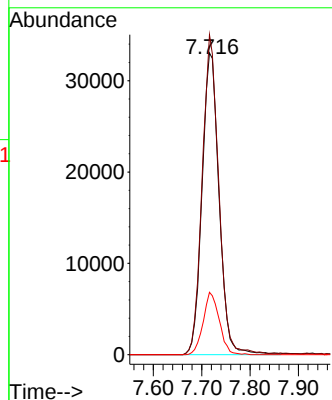
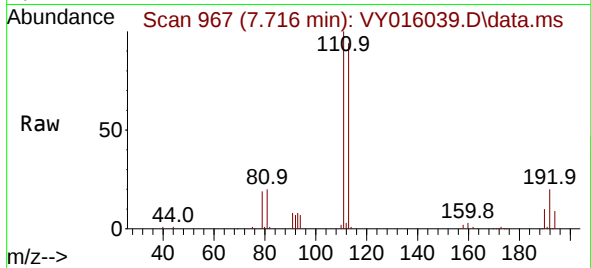




#35
 Dibromofluoromethane
 Concen: 49.262 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY016039.D
 Acq: 19 Oct 2023 15:59

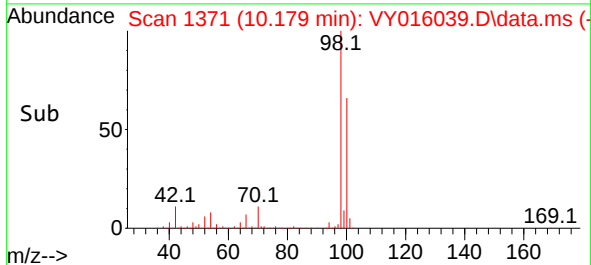
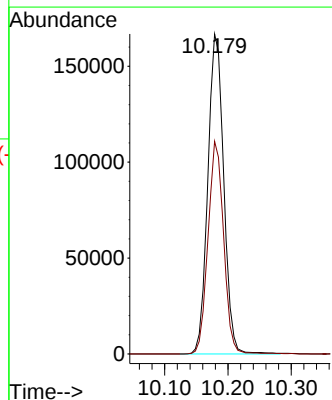
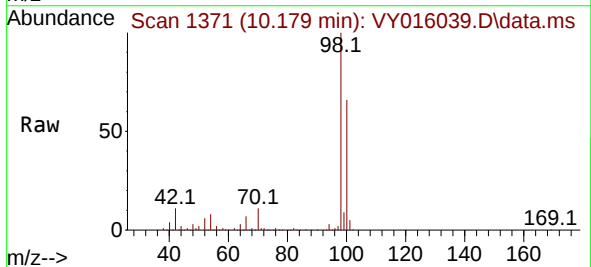
Instrument :
 MSVOA_Y
 ClientSampleId :
 LSS-B5-COMP-101723

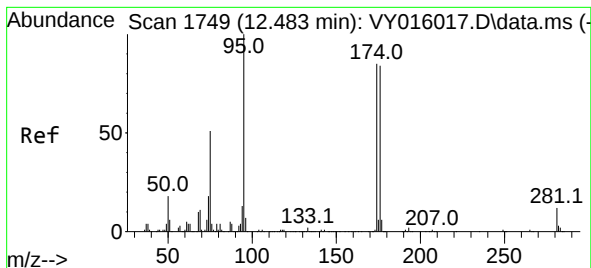
Tgt Ion:113 Resp: 80930
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.3 121.9
 192 19.5 16.9 25.3



#50
 Toluene-d8
 Concen: 48.951 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.006 min
 Lab File: VY016039.D
 Acq: 19 Oct 2023 15:59

Tgt Ion: 98 Resp: 292068
 Ion Ratio Lower Upper
 98 100
 100 65.2 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 46.208 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016039.D

Acq: 19 Oct 2023 15:59

Instrument :

MSVOA_Y

ClientSampleId :

LSS-B5-COMP-101723

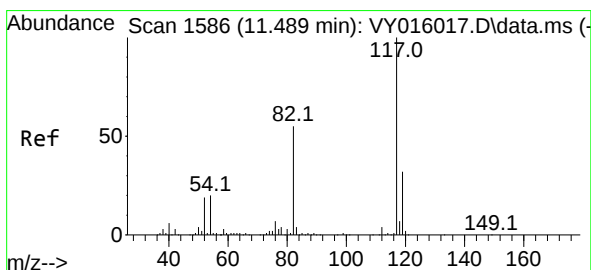
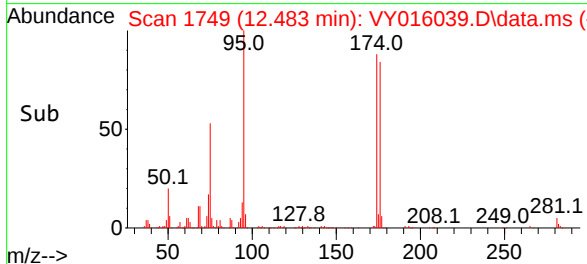
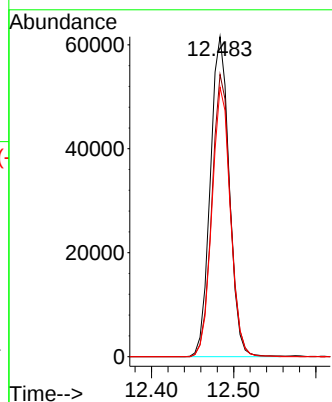
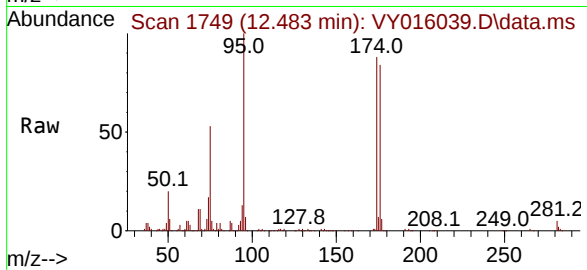
Tgt Ion: 95 Resp: 98374

Ion Ratio Lower Upper

95 100

174 86.4 0.0 178.2

176 82.2 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY016039.D

Acq: 19 Oct 2023 15:59

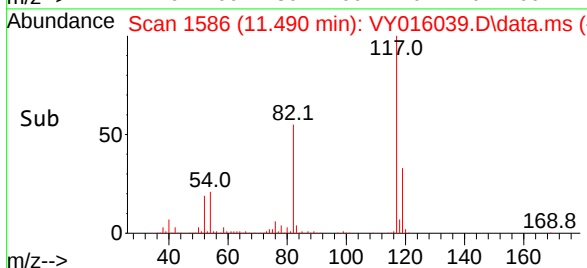
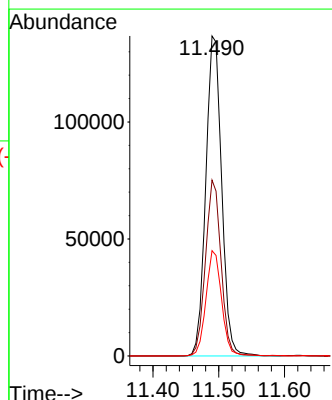
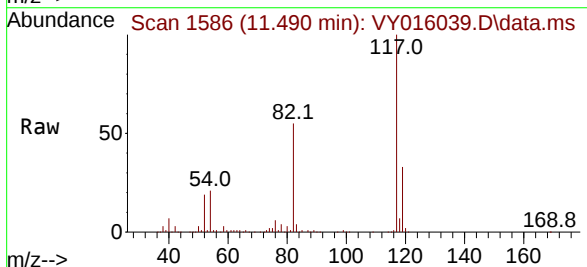
Tgt Ion: 117 Resp: 229646

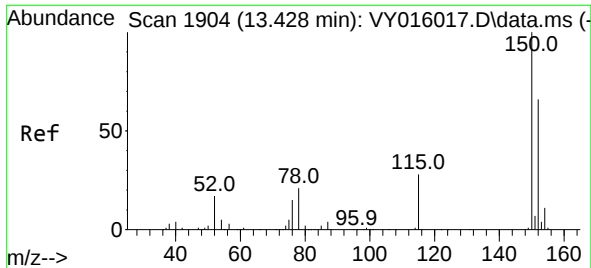
Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.0

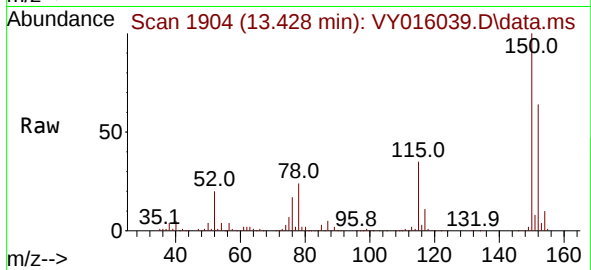
119 32.9 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY016039.D
 Acq: 19 Oct 2023 15:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSS-B5-COMP-101723



Tgt Ion:152 Resp: 109053
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.8 86.5
 150 157.1 0.0 348.8

