

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016038.D
 Acq On : 19 Oct 2023 15:36
 Operator : SY/MD
 Sample : 04919-01
 Misc : 5.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSS-B2-COMP-101723

Quant Time: Oct 20 05:37:30 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)

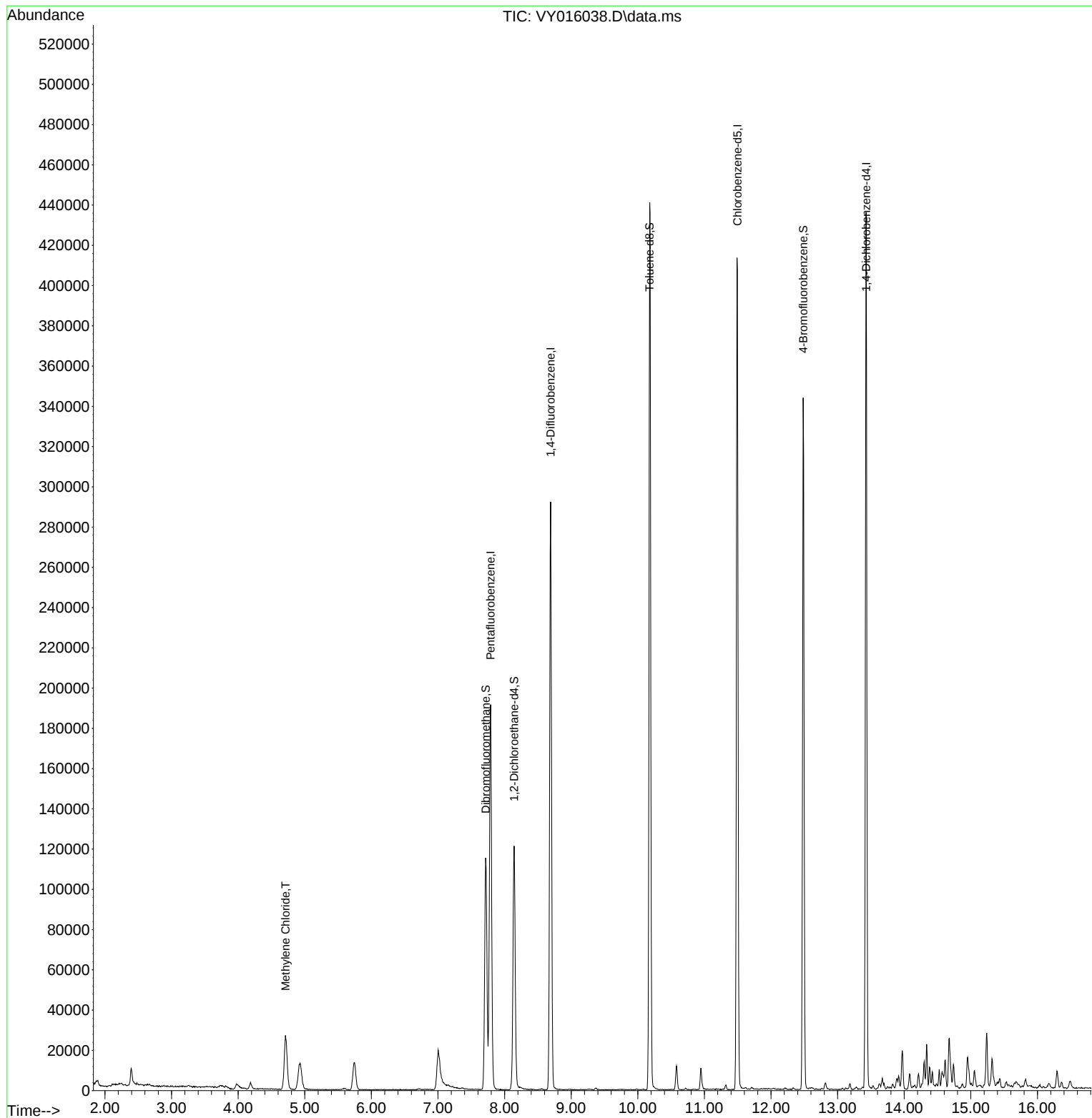
Internal Standards						
1) Pentafluorobenzene	7.789	168	151032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	256072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	235565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	97596	56.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.700%
35) Dibromofluoromethane	7.716	113	83623	49.613	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.220%
50) Toluene-d8	10.179	98	299998	49.008	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.483	95	100484	46.004	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.000%
Target Compounds						
20) Methylene Chloride	4.710	84	20532	10.862	ug/l	Qvalue 92

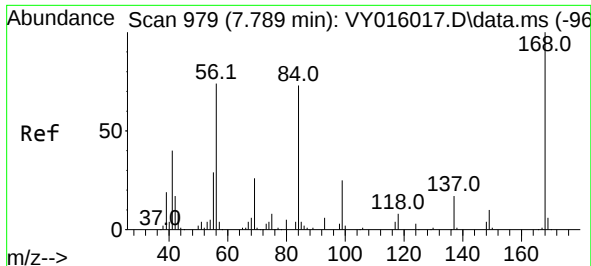
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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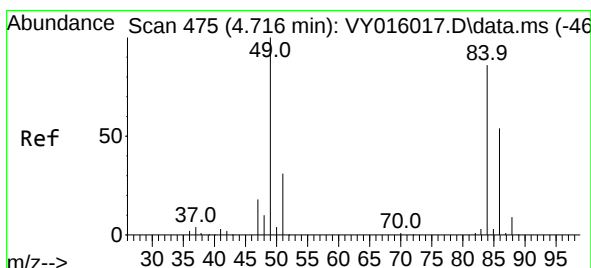
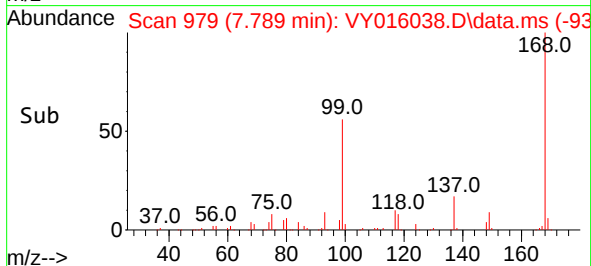
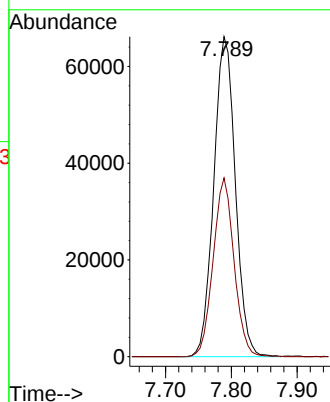
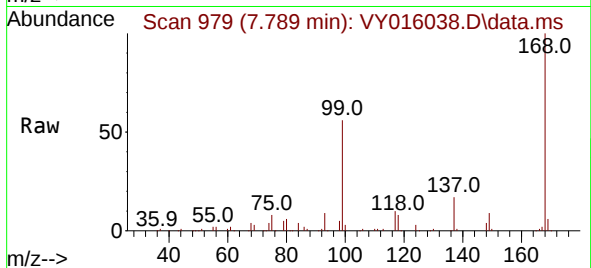




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36

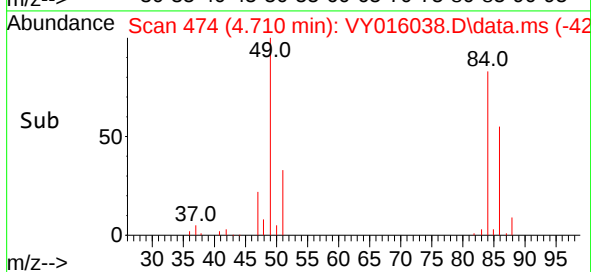
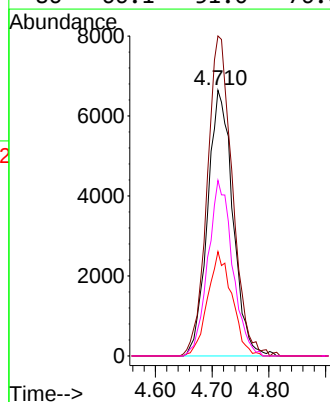
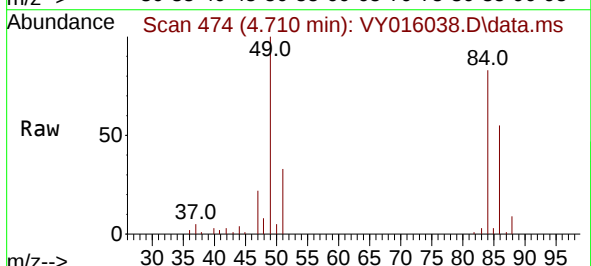
Instrument :
MSVOA_Y
ClientSampleId :
LSS-B2-COMP-101723

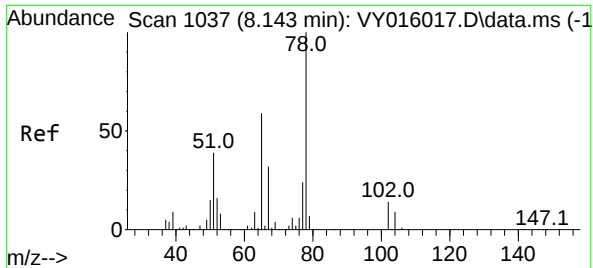
Tgt Ion:168 Resp: 151032
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#20
Methylene Chloride
Concen: 10.862 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36

Tgt Ion: 84 Resp: 20532
Ion Ratio Lower Upper
84 100
49 120.5 106.9 160.3
51 39.3 33.2 49.8
86 66.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 56.855 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY016038.D

Acq: 19 Oct 2023 15:36

Instrument :

MSVOA_Y

ClientSampleId :

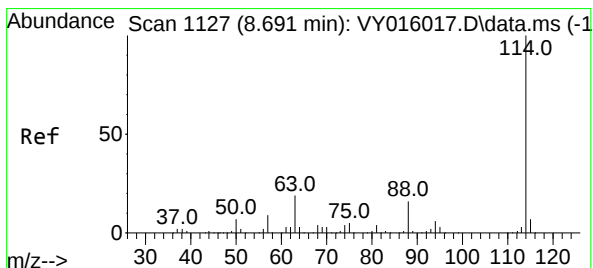
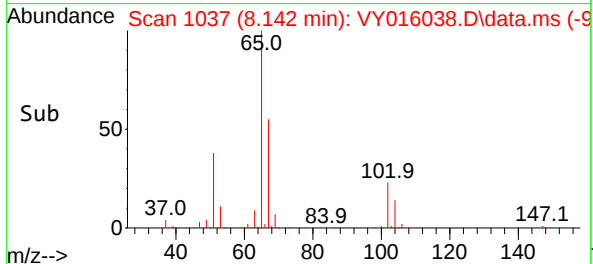
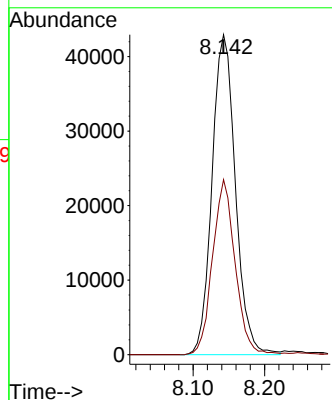
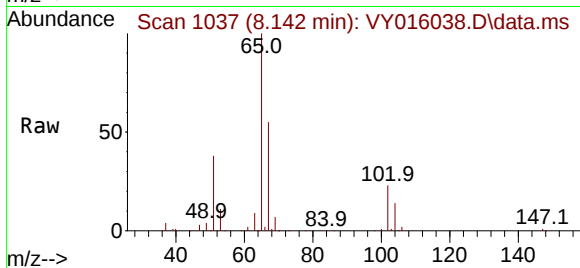
LSS-B2-COMP-101723

Tgt Ion: 65 Resp: 97596

Ion Ratio Lower Upper

65 100

67 52.8 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: VY016038.D

Acq: 19 Oct 2023 15:36

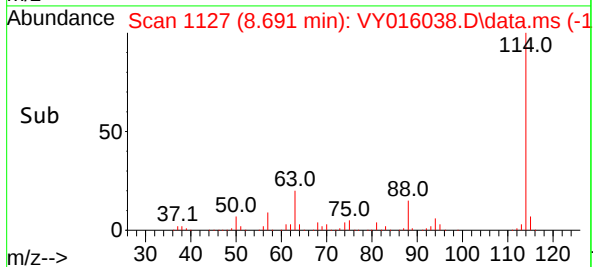
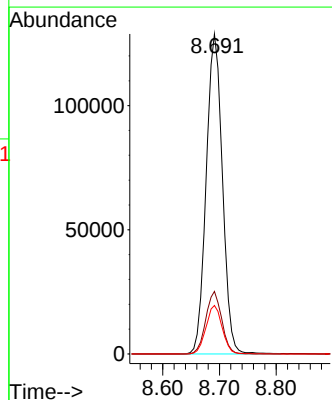
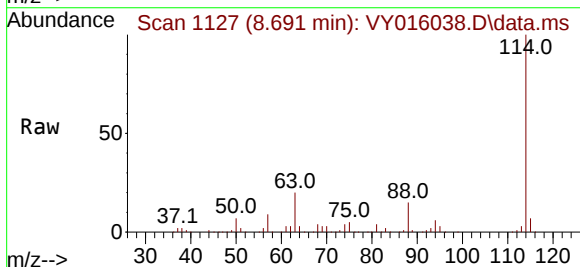
Tgt Ion: 114 Resp: 256072

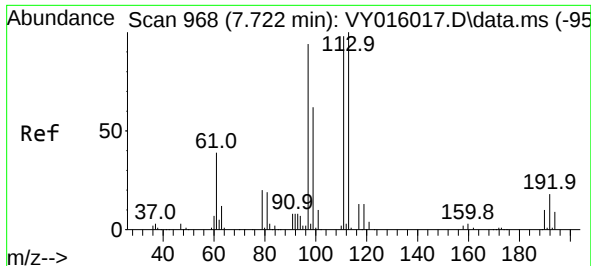
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.2 0.0 30.6

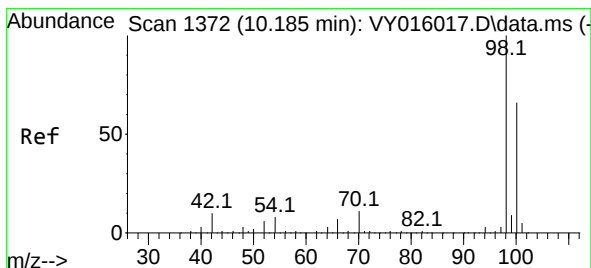
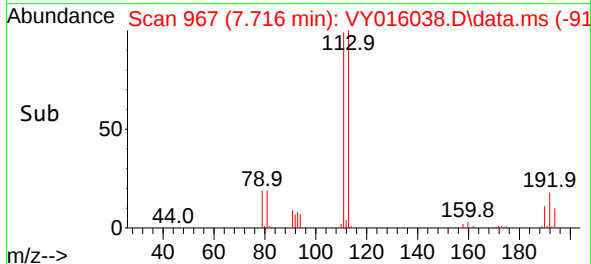
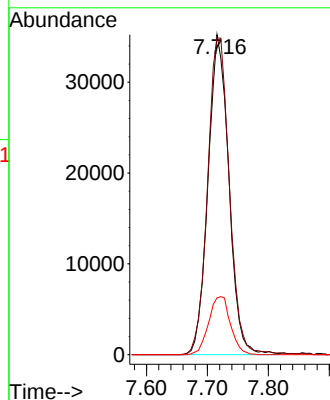
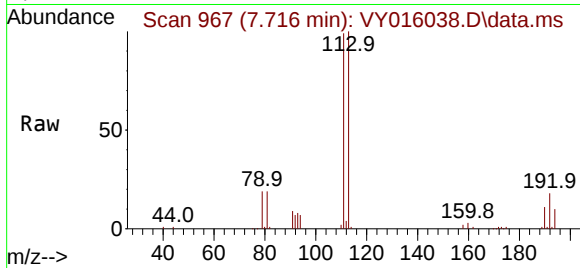




#35
Dibromofluoromethane
Concen: 49.613 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36

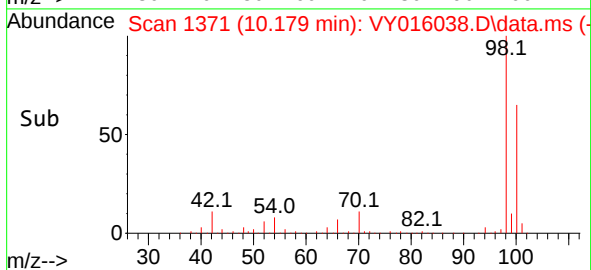
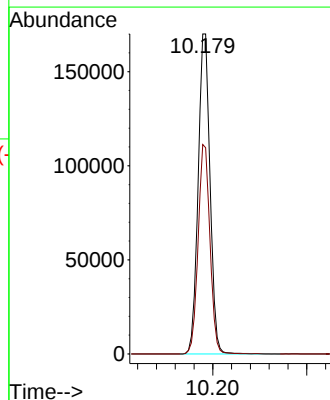
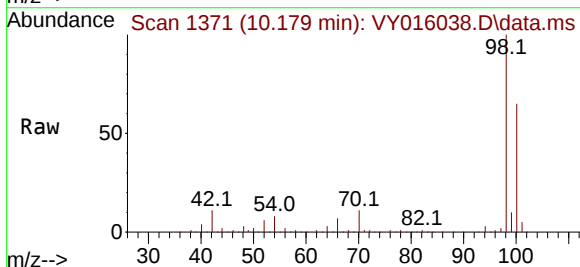
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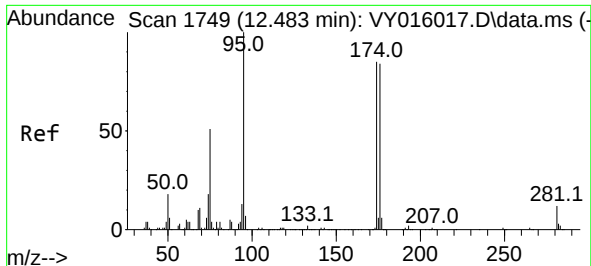
Tgt Ion:113 Resp: 83623
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 49.008 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36

Tgt Ion: 98 Resp: 299998
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

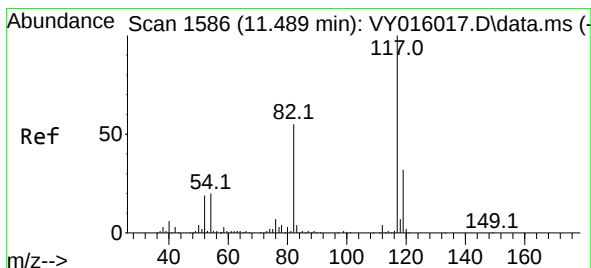
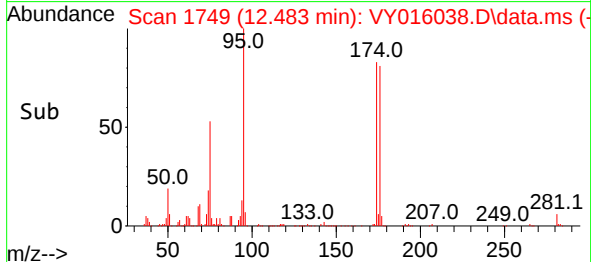
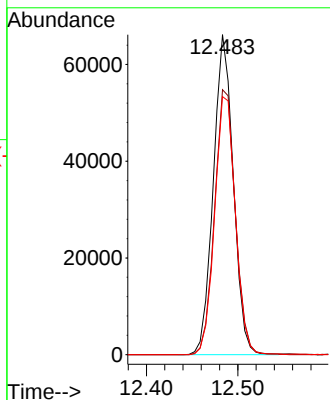
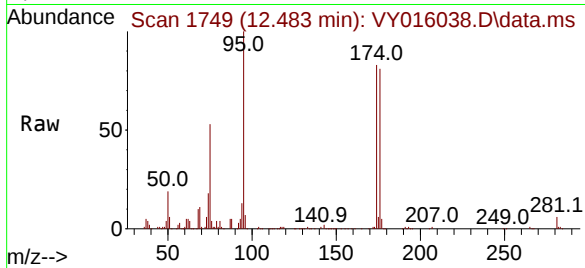




#62
4-Bromofluorobenzene
Concen: 46.004 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36

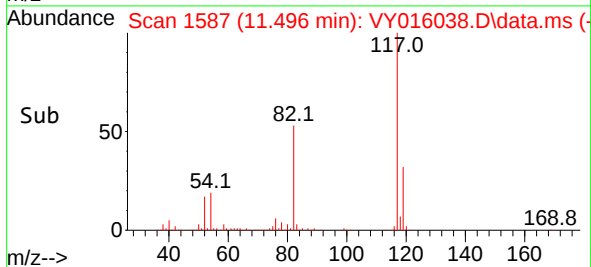
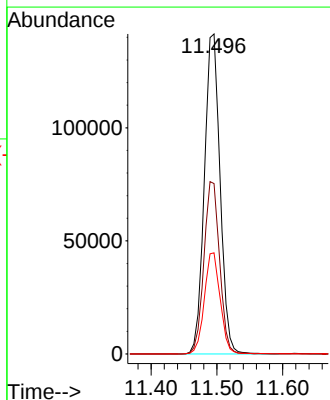
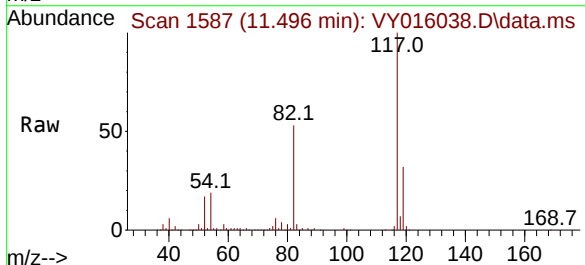
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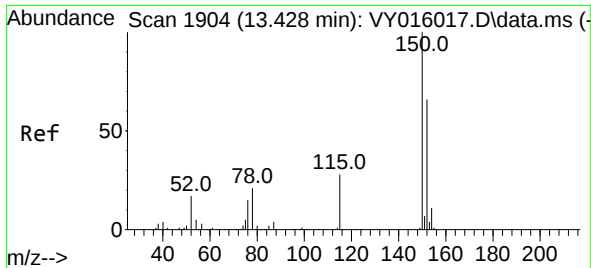
Tgt Ion: 95 Resp: 100484
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 83.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY016038.D
Acq: 19 Oct 2023 15:36

Tgt Ion: 117 Resp: 235565
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 31.6 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: VY016038.D

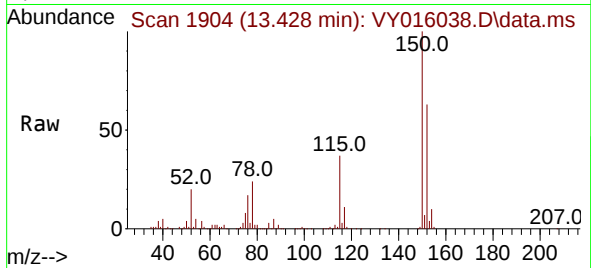
Acq: 19 Oct 2023 15:36

Instrument :

MSVOA_Y

ClientSampleId :

LSS-B2-COMP-101723



Tgt Ion:152 Resp: 111158

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 155.8 0.0 348.8

