

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101723\
 Data File : VY016007.D
 Acq On : 17 Oct 2023 16:21
 Operator : SY/MD
 Sample : 04905-01
 Misc : 4.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LSS-B4-COMP-101323

Quant Time: Oct 18 06:09:23 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)

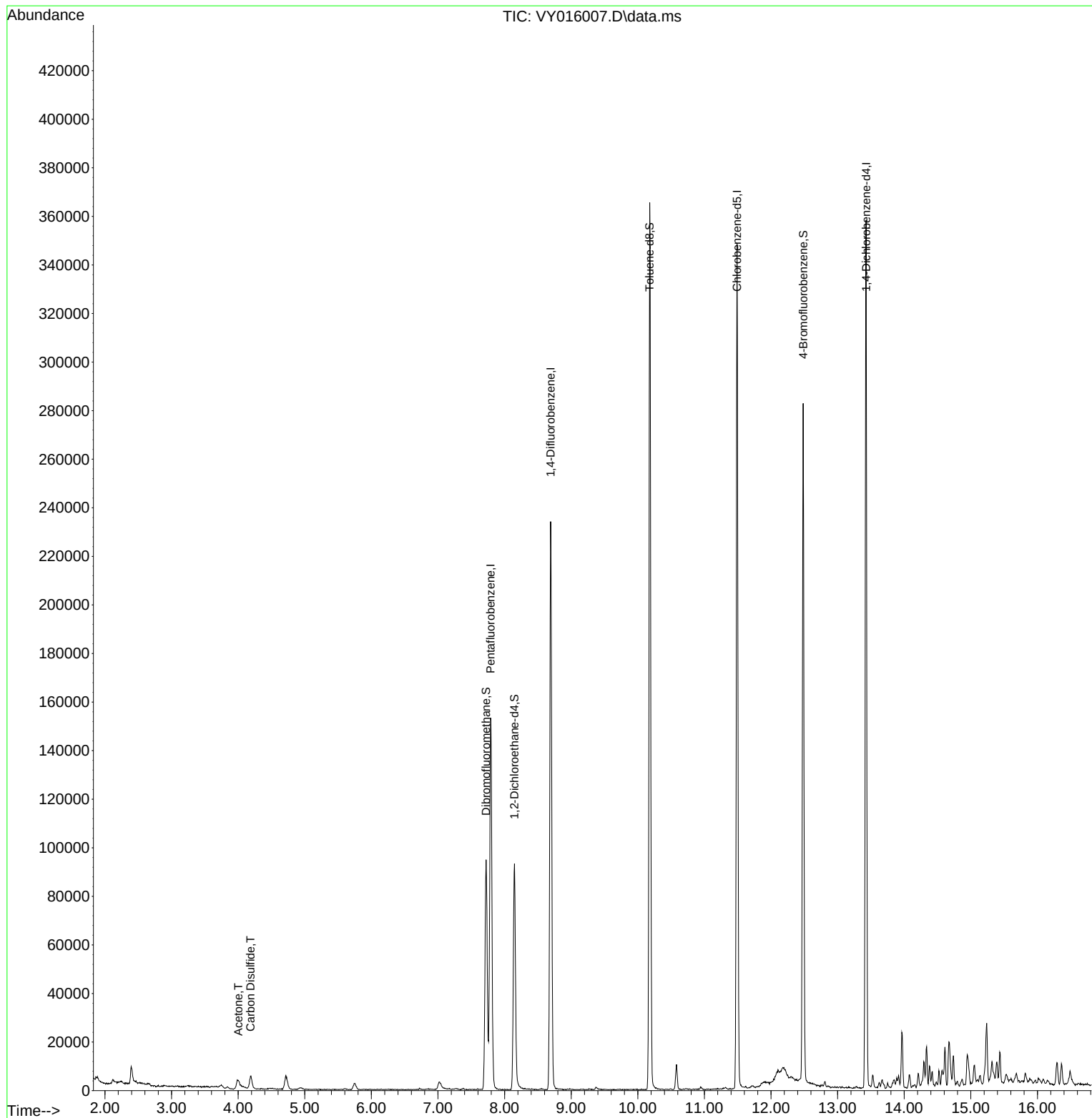
Internal Standards						
1) Pentafluorobenzene	7.789	168	120961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	207279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	190640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76318	55.283	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.560%
35) Dibromofluoromethane	7.722	113	69513	53.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.540%
50) Toluene-d8	10.179	98	243337	49.794	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.580%
62) 4-Bromofluorobenzene	12.483	95	80379	46.191	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.380%
Target Compounds						
16) Acetone	4.003	43	10361	12.920	ug/l	99
17) Carbon Disulfide	4.186	76	10553	2.935	ug/l	99

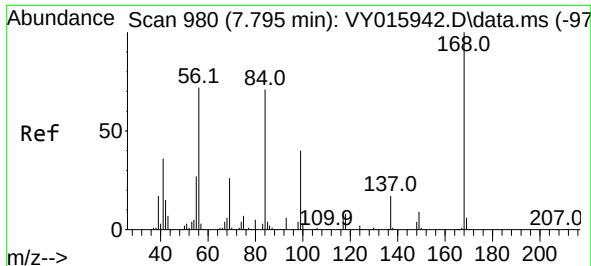
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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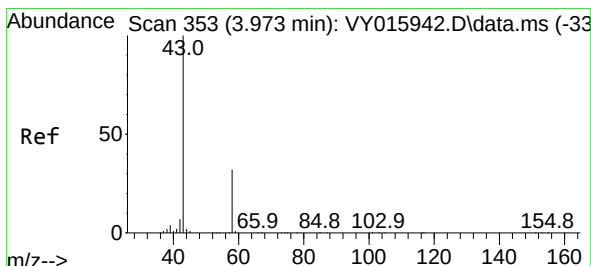
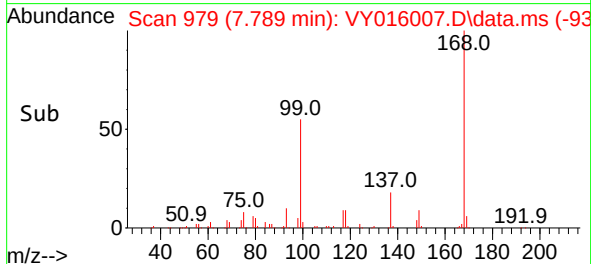
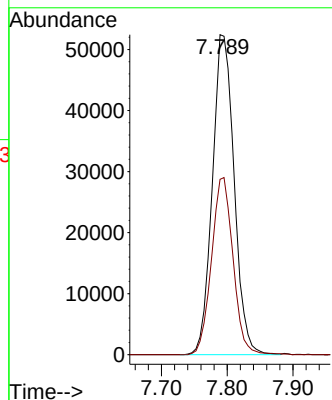
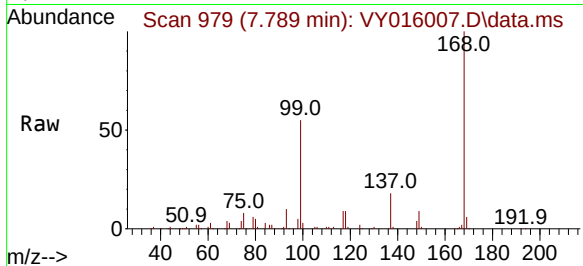




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

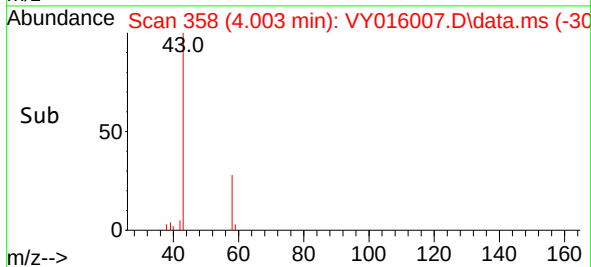
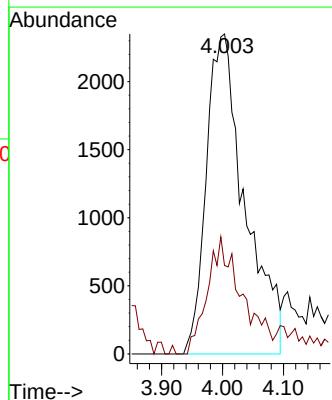
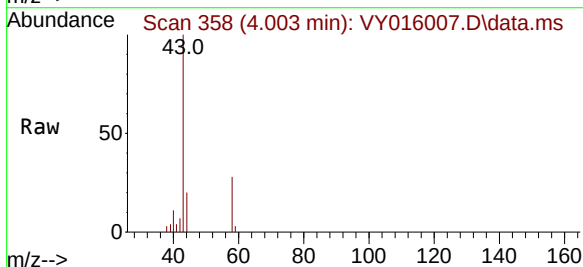
Instrument :
MSVOA_Y
ClientSampleId :
LSS-B4-COMP-101323

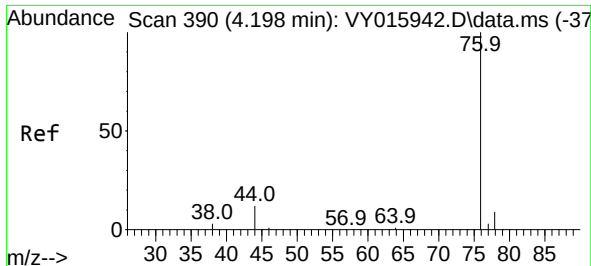
Tgt Ion:168 Resp: 120961
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#16
Acetone
Concen: 12.920 ug/l
RT: 4.003 min Scan# 358
Delta R.T. 0.031 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

Tgt Ion: 43 Resp: 10361
Ion Ratio Lower Upper
43 100
58 27.6 22.7 34.1

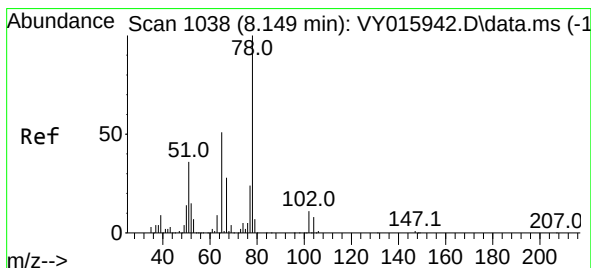
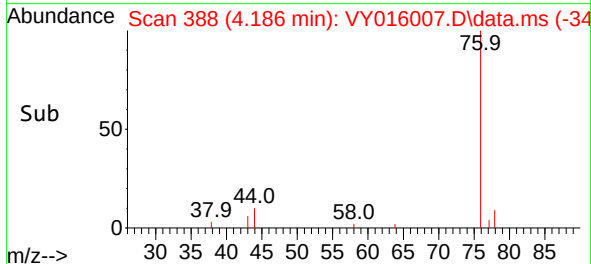
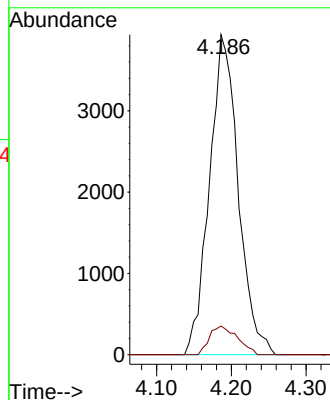
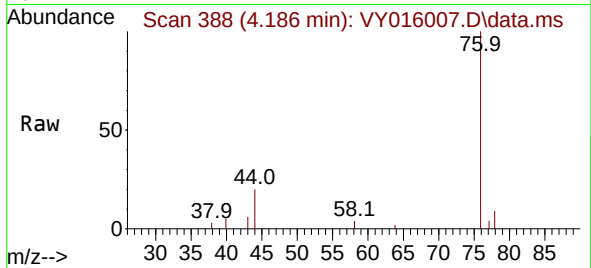




#17
Carbon Disulfide
Concen: 2.935 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

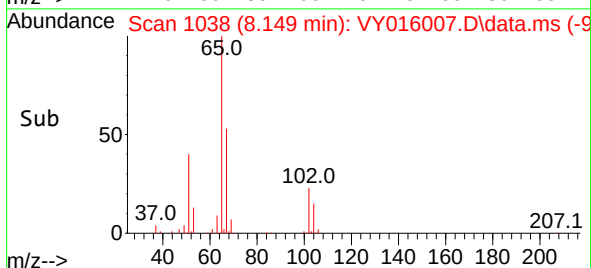
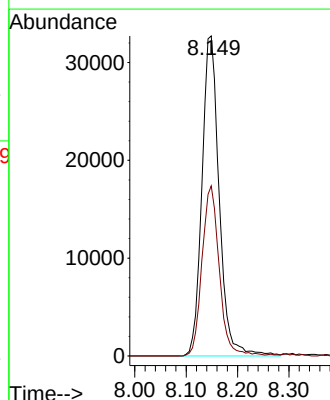
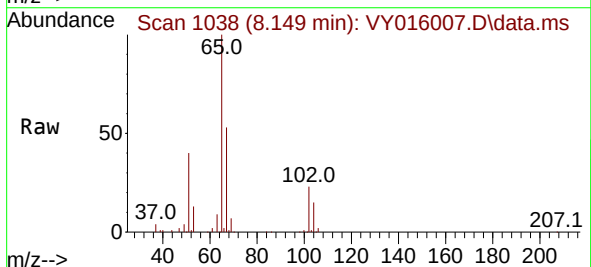
Instrument :
MSVOA_Y
ClientSampleId :
LSS-B4-COMP-101323

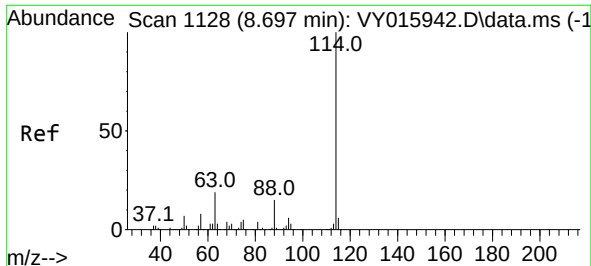
Tgt Ion: 76 Resp: 10553
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#33
1,2-Dichloroethane-d4
Concen: 55.283 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

Tgt Ion: 65 Resp: 76318
Ion Ratio Lower Upper
65 100
67 53.0 0.0 101.8

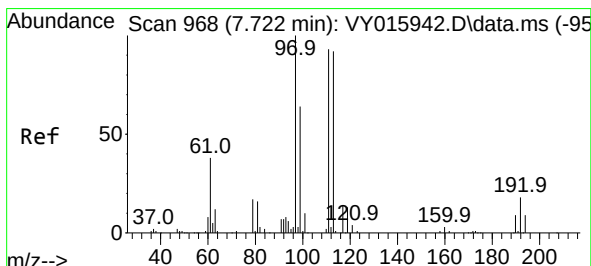
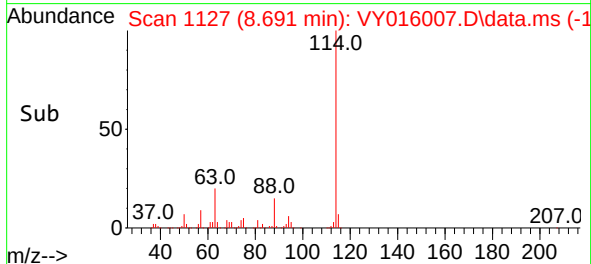
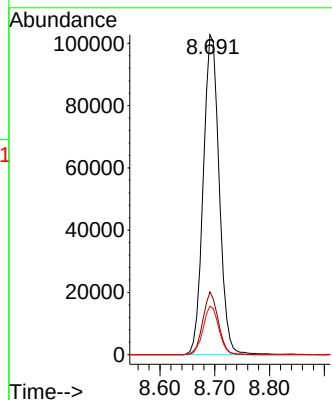
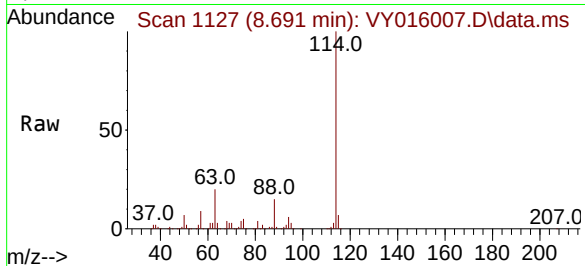




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

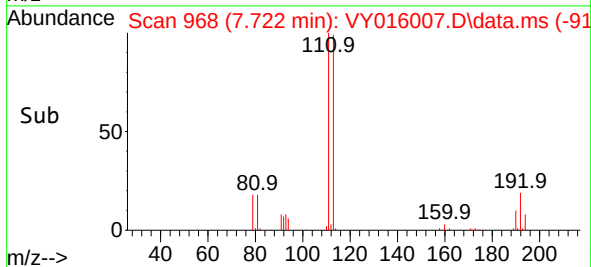
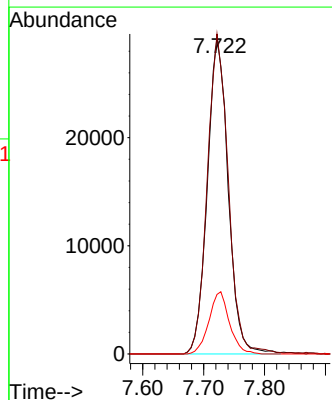
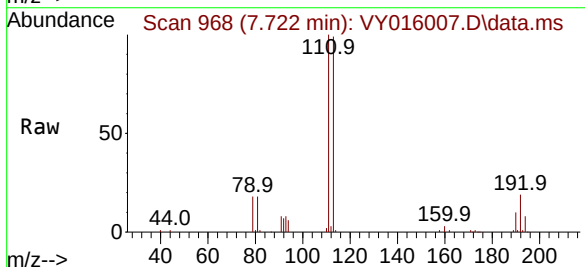
Instrument :
MSVOA_Y
ClientSampleId :
LSS-B4-COMP-101323

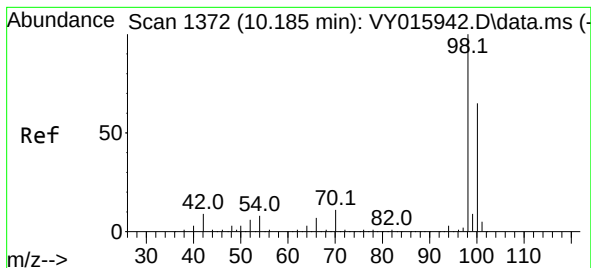
Tgt Ion:114 Resp: 207279
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.269 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

Tgt Ion:113 Resp: 69513
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 19.3 16.9 25.3





#50

Toluene-d8

Concen: 49.794 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016007.D

Acq: 17 Oct 2023 16:21

Instrument :

MSVOA_Y

ClientSampleId :

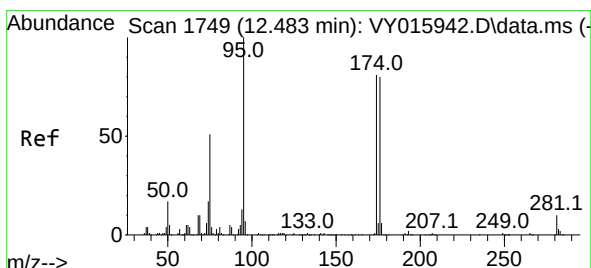
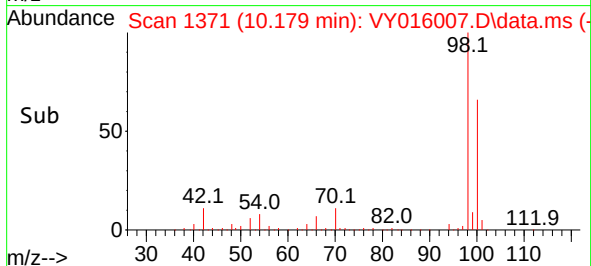
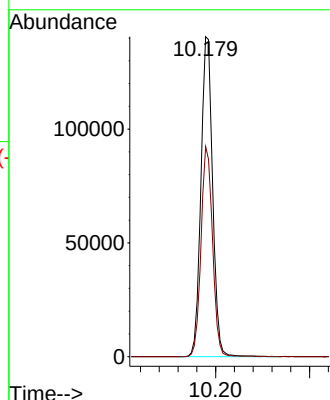
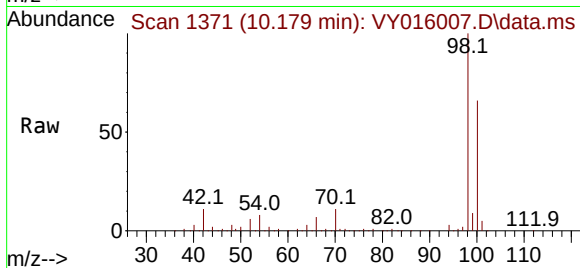
LSS-B4-COMP-101323

Tgt Ion: 98 Resp: 243337

Ion Ratio Lower Upper

98 100

100 64.7 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 46.191 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY016007.D

Acq: 17 Oct 2023 16:21

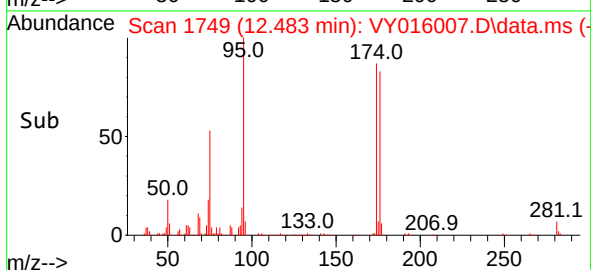
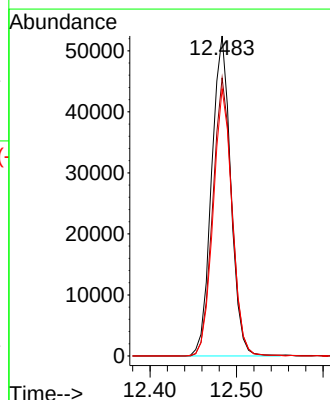
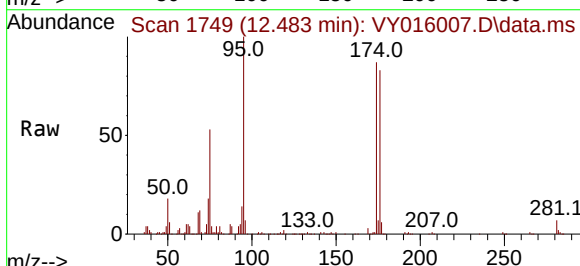
Tgt Ion: 95 Resp: 80379

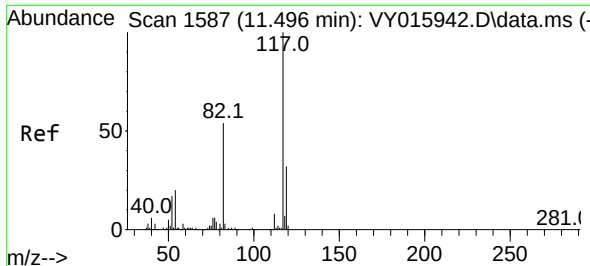
Ion Ratio Lower Upper

95 100

174 87.4 0.0 178.2

176 83.1 0.0 173.8

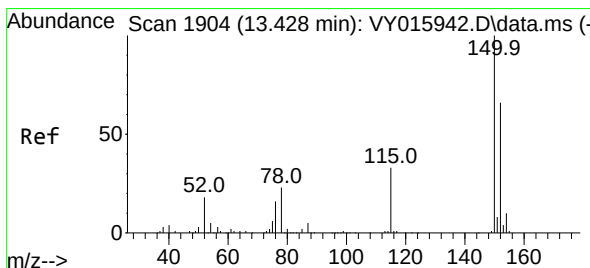
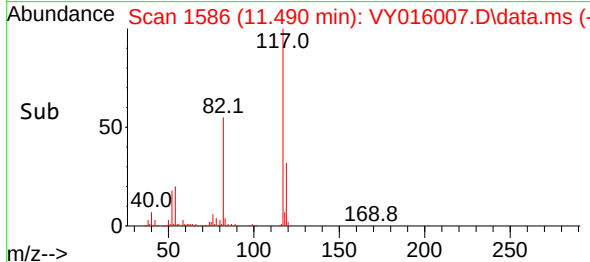
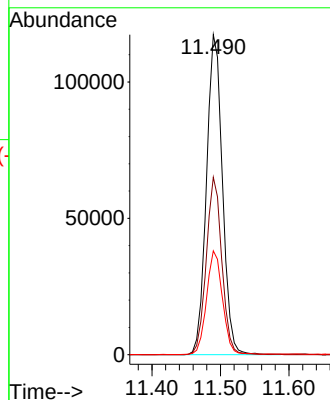
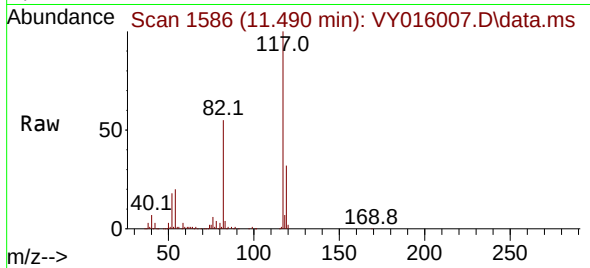




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016007.D
Acq: 17 Oct 2023 16:21

Instrument :
MSVOA_Y
ClientSampleId :
LSS-B4-COMP-101323

Tgt Ion:117	Resp:	190640
Ion	Ratio	Lower Upper
117	100	
82	55.5	43.4 65.0
119	32.4	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: VY016007.D
Acq: 17 Oct 2023 16:21

Tgt Ion:152	Resp:	91529
Ion	Ratio	Lower Upper
152	100	
115	57.4	28.8 86.5
150	158.3	0.0 348.8

