

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016709.D
 Acq On : 19 Dec 2023 21:37
 Operator : SY/MD
 Sample : 05796-07
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-04-14-15

Quant Time: Dec 20 06:40:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	39625	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.704	114	67317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	61749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	23919	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	22404	68.356	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.720%
35) Dibromofluoromethane	7.734	113	23798	60.024	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.040%
50) Toluene-d8	10.191	98	79298	55.227	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.460%
62) 4-Bromofluorobenzene	12.496	95	20512	50.242	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.480%

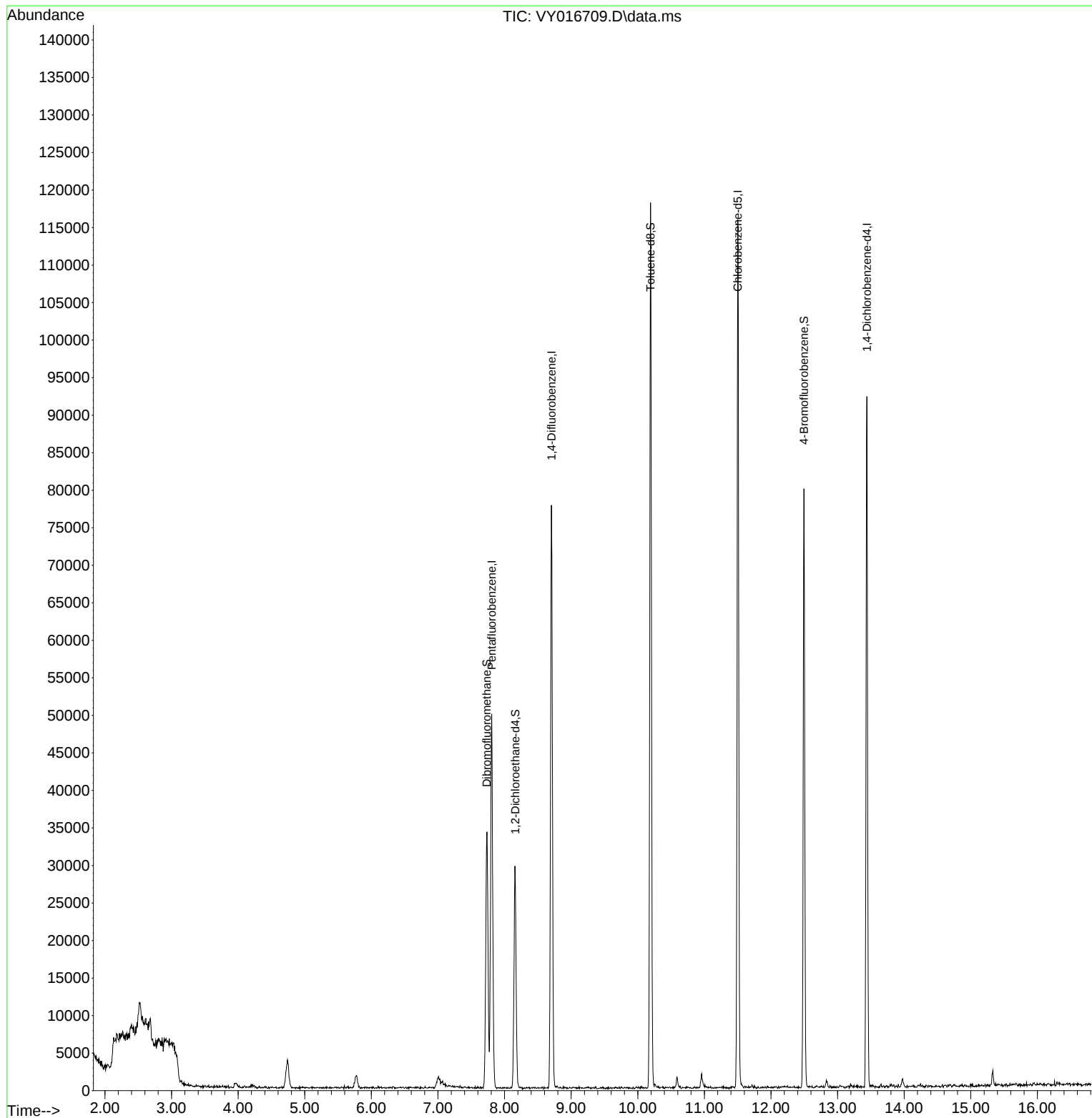
Target Compounds	Qvalue

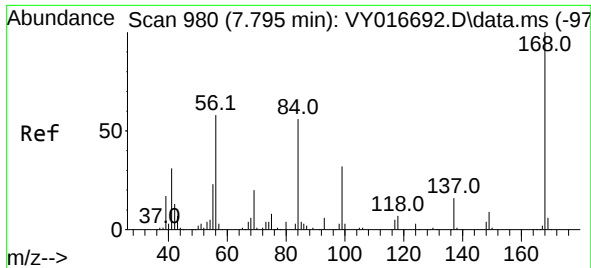
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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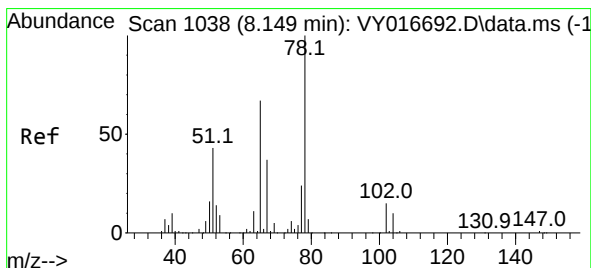
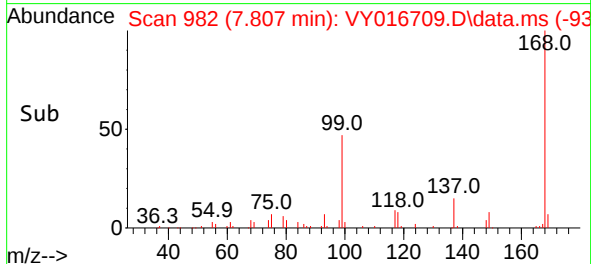
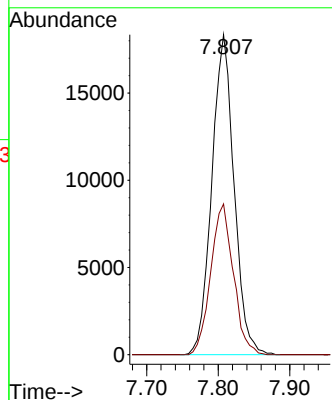
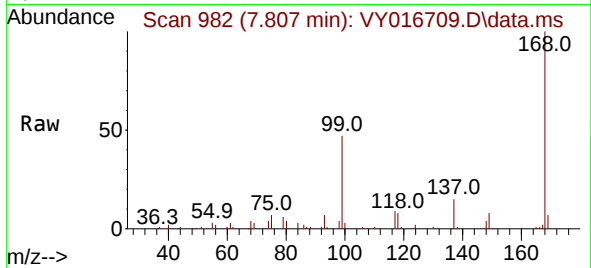




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016709.D
Acq: 19 Dec 2023 21:37

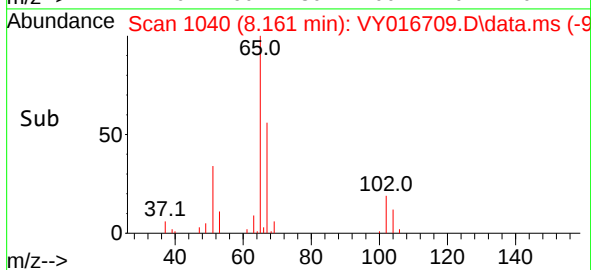
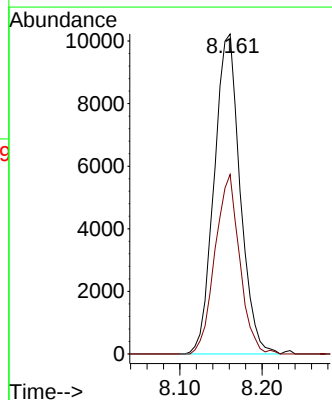
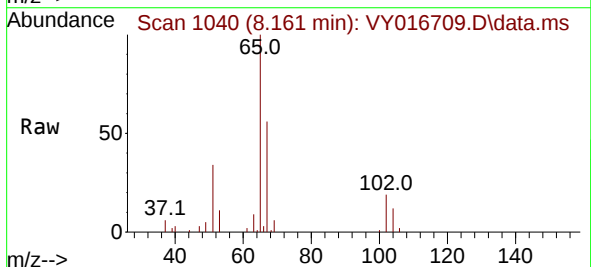
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-04-14-15

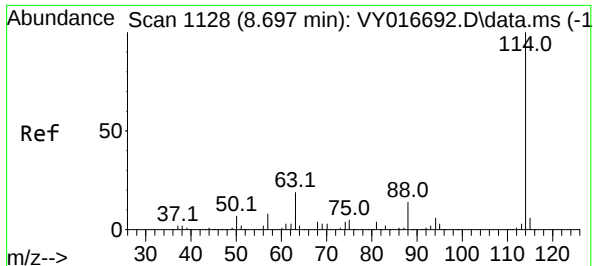
Tgt Ion:168 Resp: 39625
Ion Ratio Lower Upper
168 100
99 47.1 40.2 60.4



#33
1,2-Dichloroethane-d4
Concen: 68.356 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY016709.D
Acq: 19 Dec 2023 21:37

Tgt Ion: 65 Resp: 22404
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016709.D

Acq: 19 Dec 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

RT-SB-04-14-15

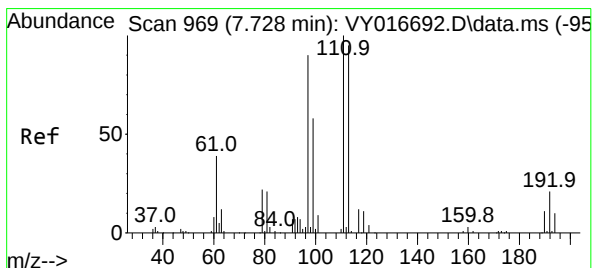
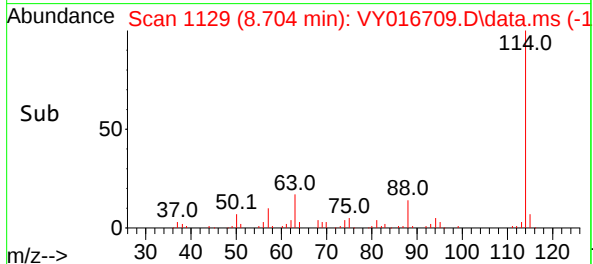
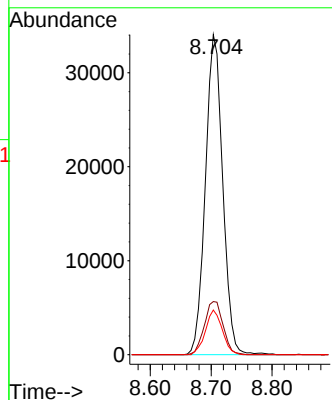
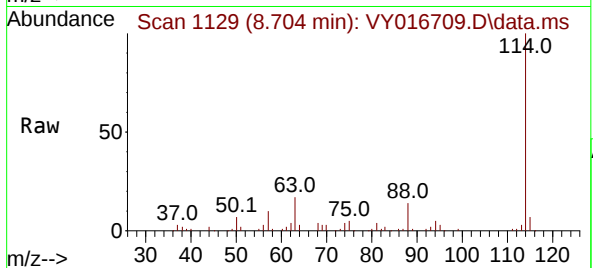
Tgt Ion:114 Resp: 67317

Ion Ratio Lower Upper

114 100

63 16.6 0.0 34.0

88 13.9 0.0 29.2



#35

Dibromofluoromethane

Concen: 60.024 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016709.D

Acq: 19 Dec 2023 21:37

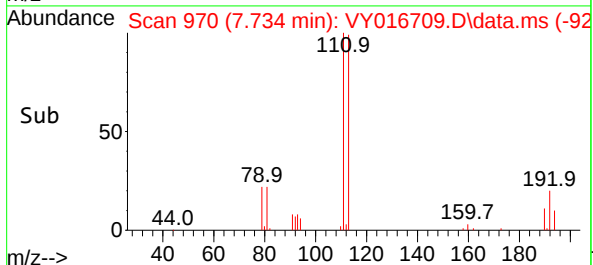
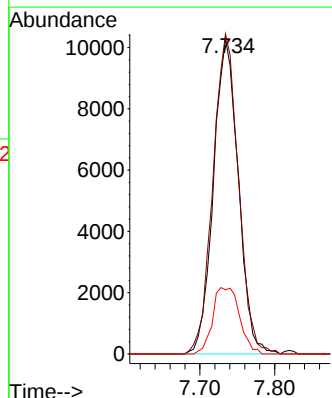
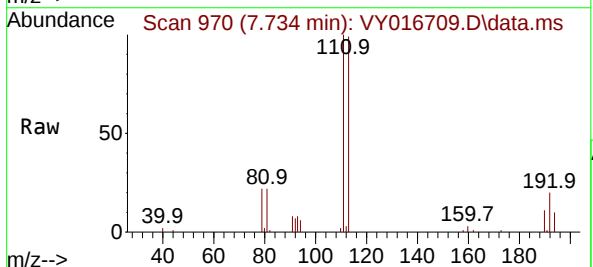
Tgt Ion:113 Resp: 23798

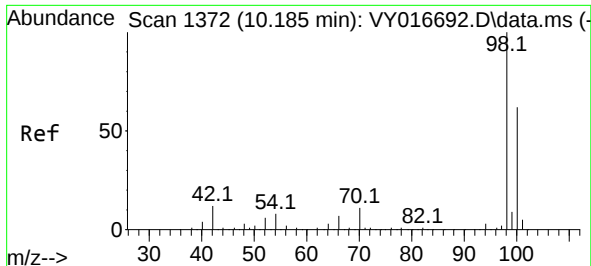
Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

192 22.8 16.2 24.4

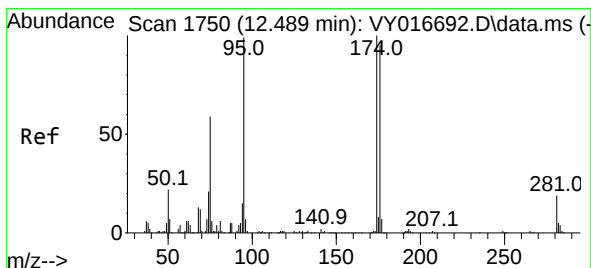
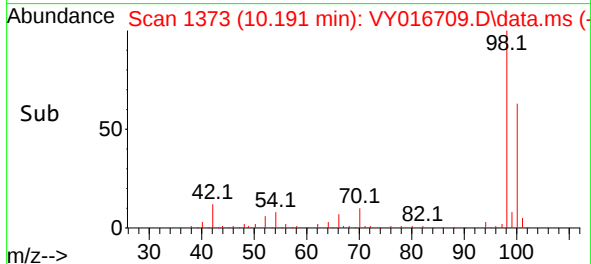
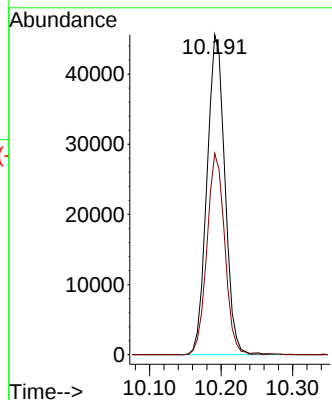
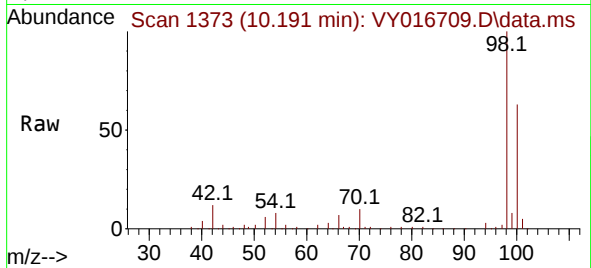




#50
Toluene-d8
Concen: 55.227 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016709.D
Acq: 19 Dec 2023 21:37

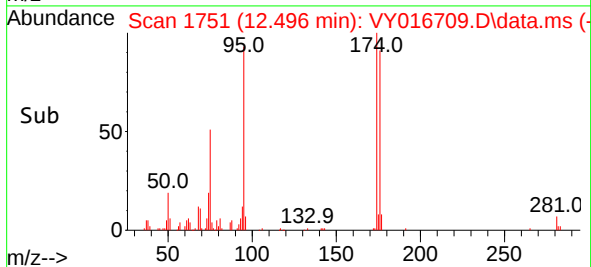
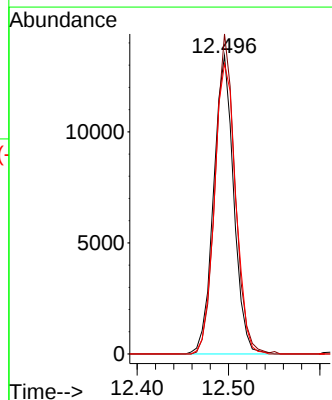
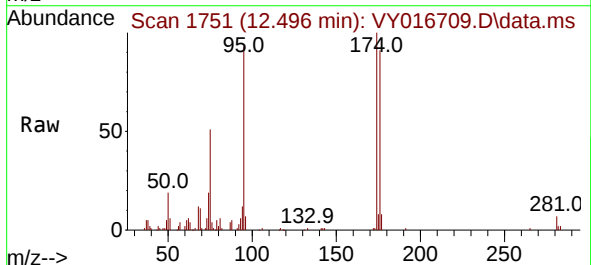
Instrument :
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RT-SB-04-14-15

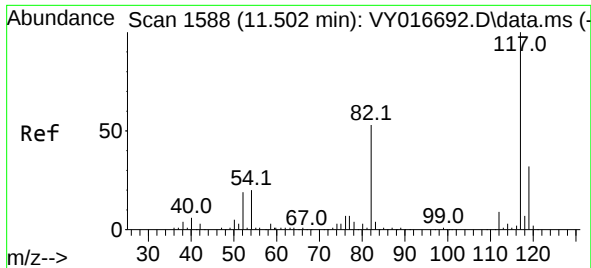
Tgt Ion: 98 Resp: 79298
Ion Ratio Lower Upper
98 100
100 62.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 50.242 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016709.D
Acq: 19 Dec 2023 21:37

Tgt Ion: 95 Resp: 20512
Ion Ratio Lower Upper
95 100
174 105.7 0.0 181.0
176 103.0 0.0 176.6

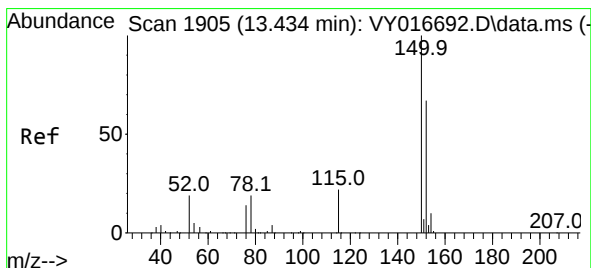
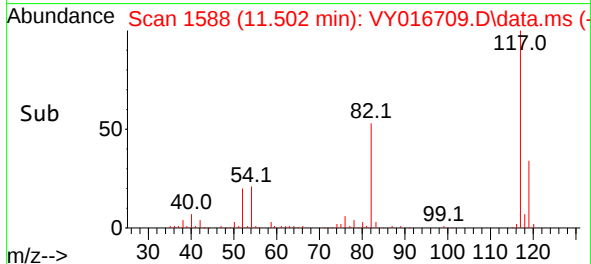
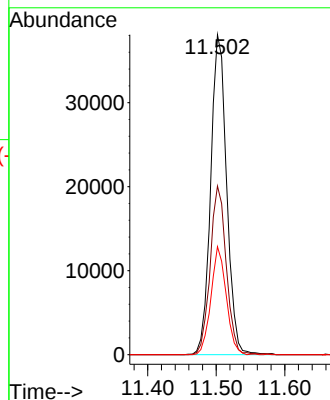
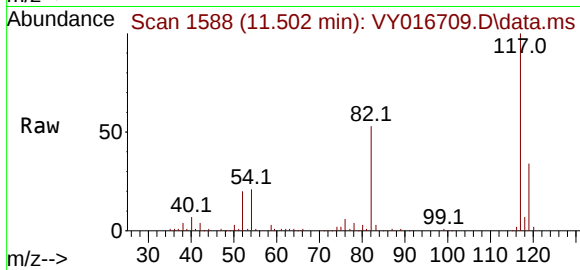




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016709.D
Acq: 19 Dec 2023 21:37

Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-04-14-15

Tgt Ion:	117	Resp:	61749
Ion Ratio	Lower	Upper	
117	100		
82	52.7	41.0	61.6
119	33.8	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016709.D
Acq: 19 Dec 2023 21:37

Tgt Ion:	152	Resp:	23919
Ion Ratio	Lower	Upper	
152	100		
115	55.3	28.2	84.7
150	158.8	0.0	350.6

