

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016099.D
 Acq On : 27 Oct 2023 12:25
 Operator : SY/MD
 Sample : 05038-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AUD-1068

Quant Time: Oct 27 16:10:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

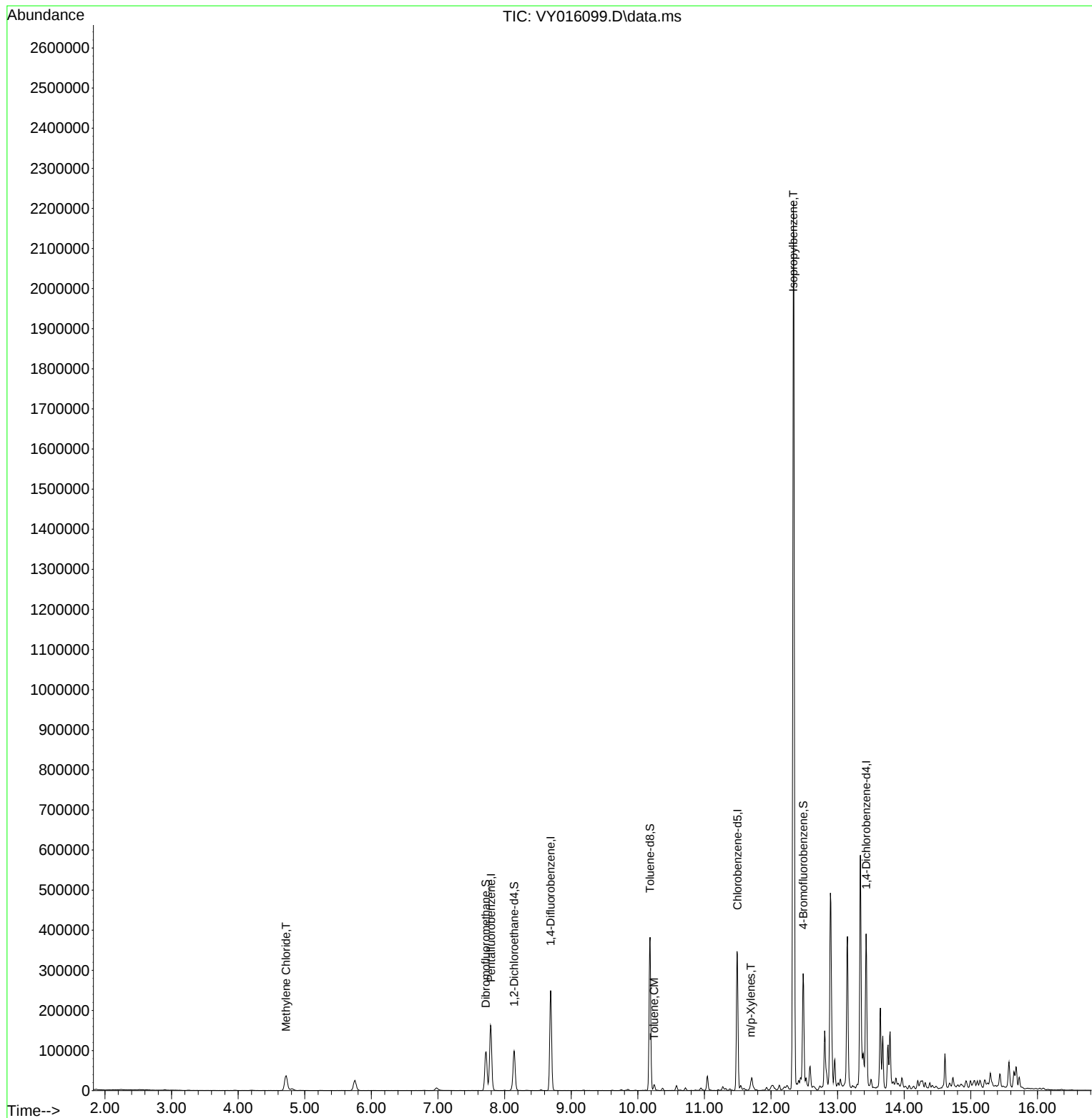
Internal Standards						
1) Pentafluorobenzene	7.795	168	128992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	220655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	197259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	75056	58.516	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.040%
35) Dibromofluoromethane	7.715	113	71266	51.161	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.320%
50) Toluene-d8	10.184	98	254916	49.404	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.483	95	85125	48.094	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.180%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	29049	17.692	ug/l	89
52) Toluene	10.245	92	6203	1.757	ug/l	96
68) m/p-Xylenes	11.696	106	5261	1.974	ug/l	100
73) Isopropylbenzene	12.337	105	90578	14.782	ug/l #	59

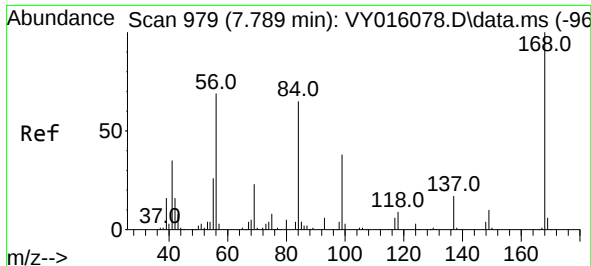
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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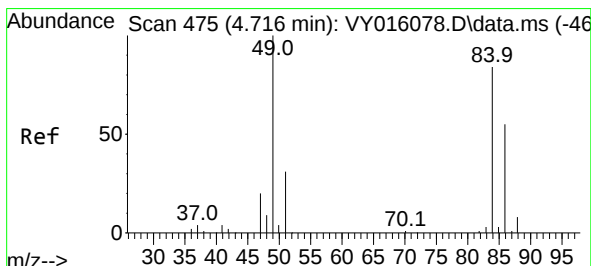
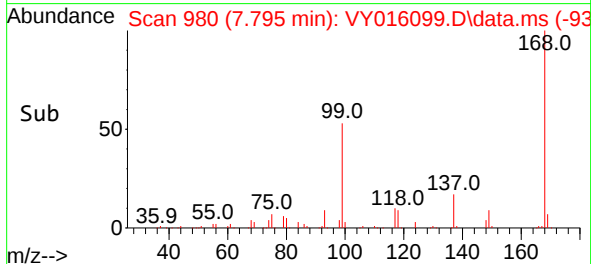
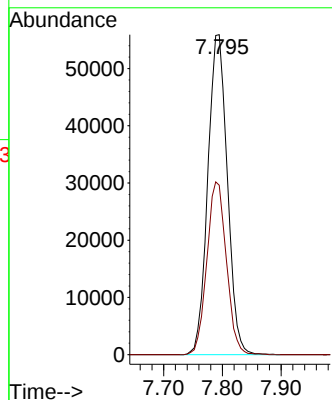
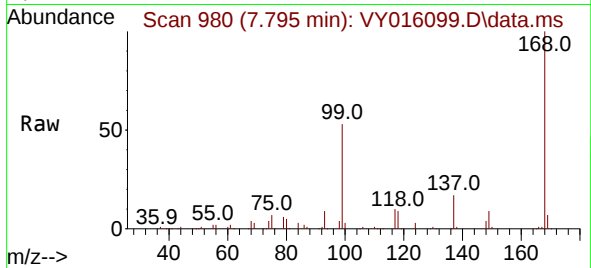




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016099.D
Acq: 27 Oct 2023 12:25

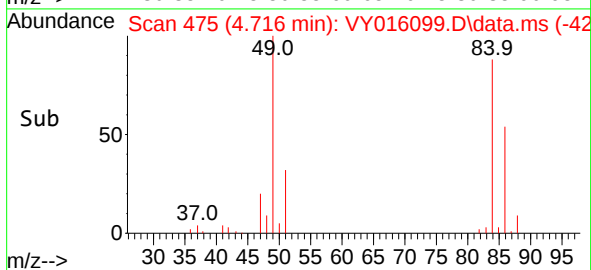
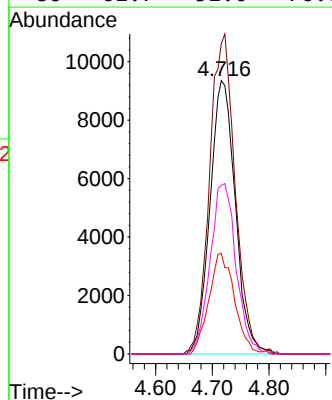
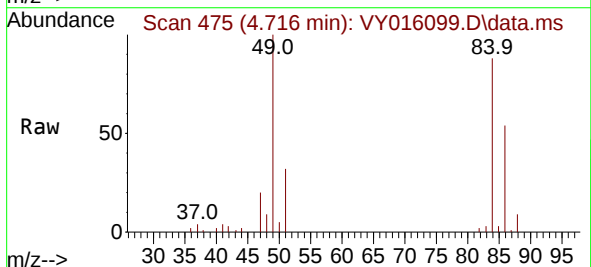
Instrument :
MSVOA_Y
ClientSampleId :
AUD-1068

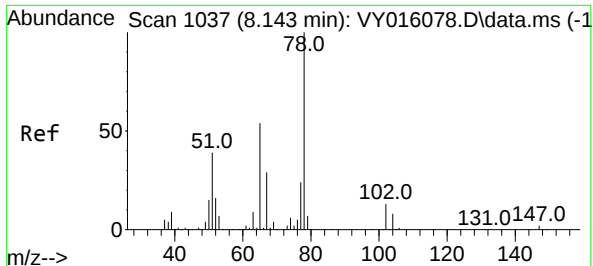
Tgt Ion:168 Resp: 128992
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#20
Methylene Chloride
Concen: 17.692 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY016099.D
Acq: 27 Oct 2023 12:25

Tgt Ion: 84 Resp: 29049
Ion Ratio Lower Upper
84 100
49 113.6 106.9 160.3
51 36.7 33.2 49.8
86 61.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 58.516 ug/l

RT: 8.142 min Scan# 11037

Delta R.T. -0.000 min

Lab File: VY016099.D

Acq: 27 Oct 2023 12:25

Instrument :

MSVOA_Y

ClientSampleId :

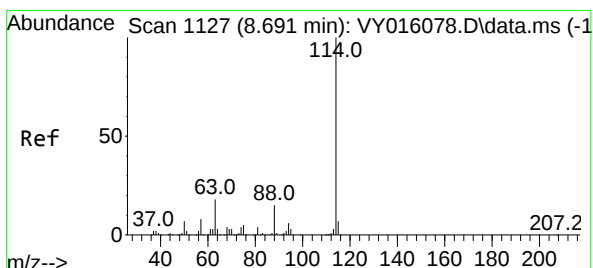
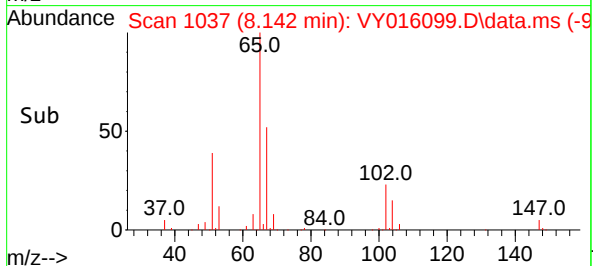
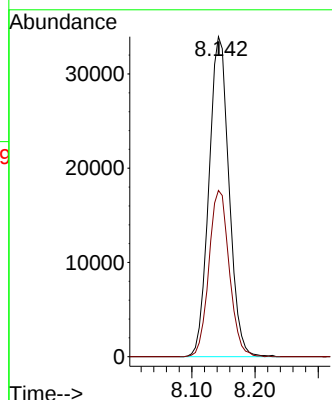
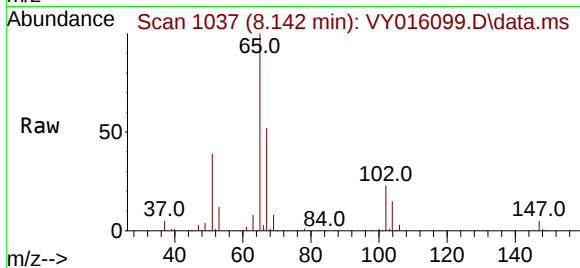
AUD-1068

Tgt Ion: 65 Resp: 75056

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: VY016099.D

Acq: 27 Oct 2023 12:25

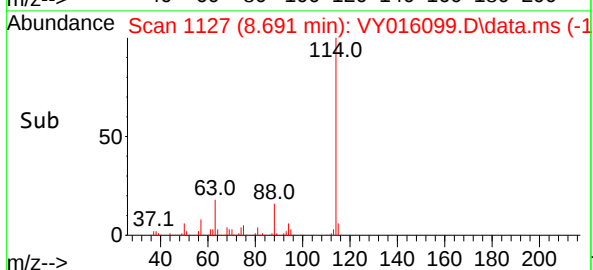
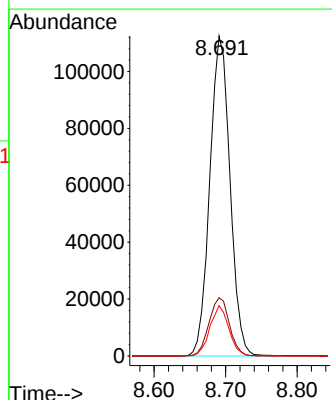
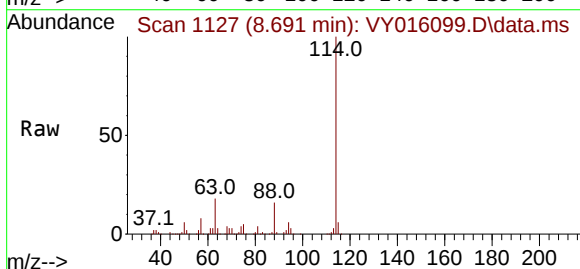
Tgt Ion: 114 Resp: 220655

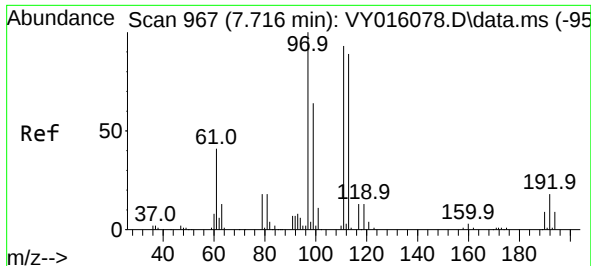
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.4

88 15.7 0.0 30.6

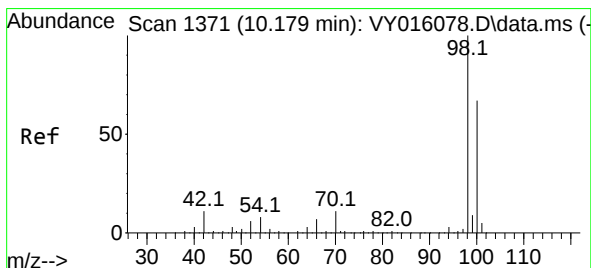
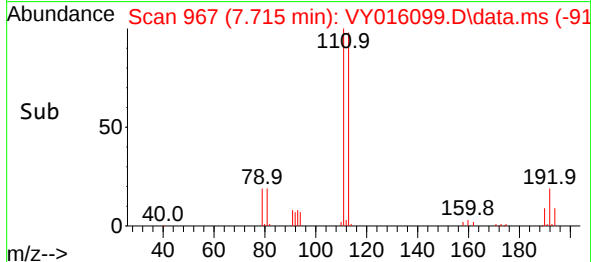
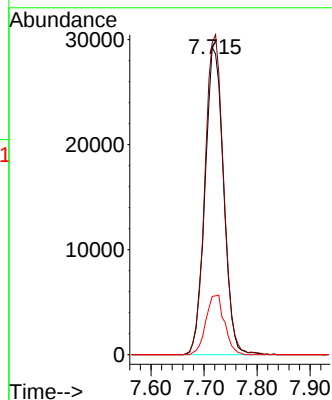
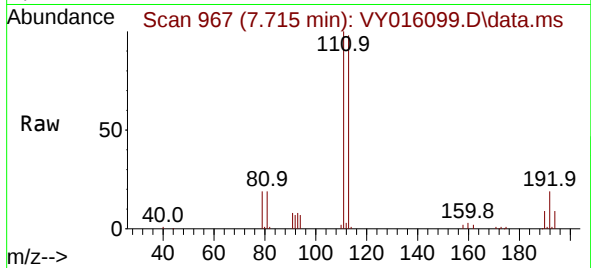




#35
Dibromofluoromethane
Concen: 51.161 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016099.D
Acq: 27 Oct 2023 12:25

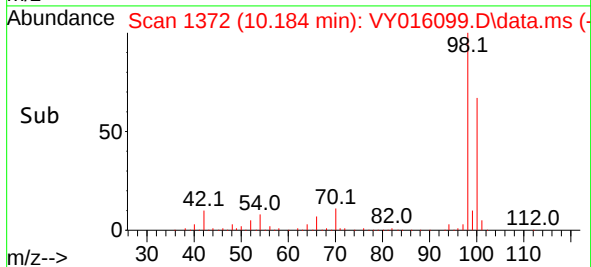
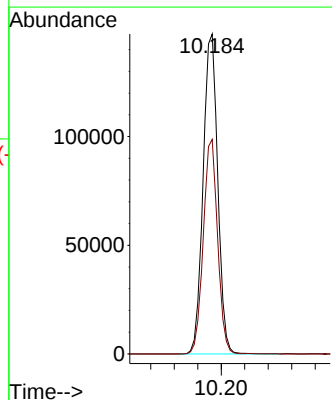
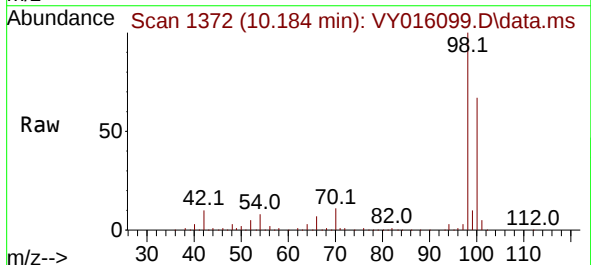
Instrument :
MSVOA_Y
ClientSampleId :
AUD-1068

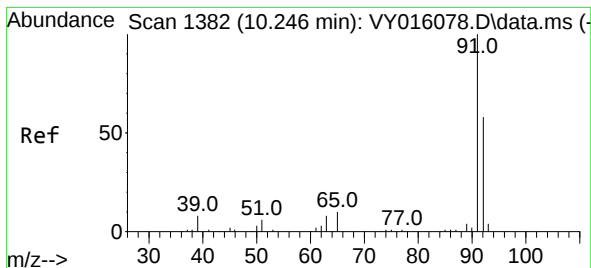
Tgt Ion:113 Resp: 71266
Ion Ratio Lower Upper
113 100
111 104.3 81.3 121.9
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 49.404 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY016099.D
Acq: 27 Oct 2023 12:25

Tgt Ion: 98 Resp: 254916
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1





#52

Toluene

Concen: 1.757 ug/l

RT: 10.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016099.D

Acq: 27 Oct 2023 12:25

Instrument :

MSVOA_Y

ClientSampleId :

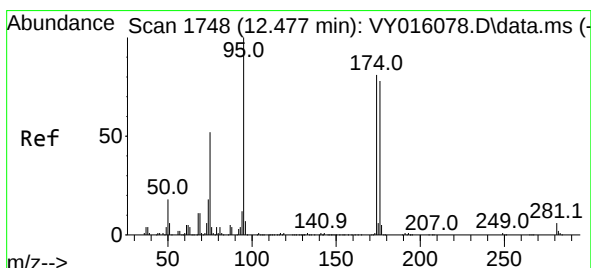
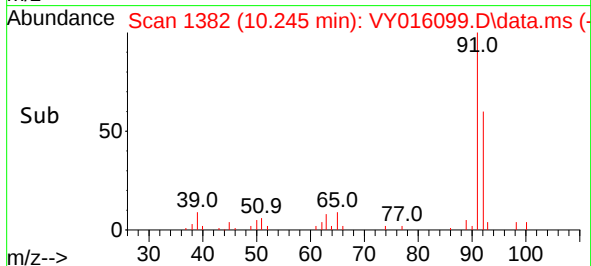
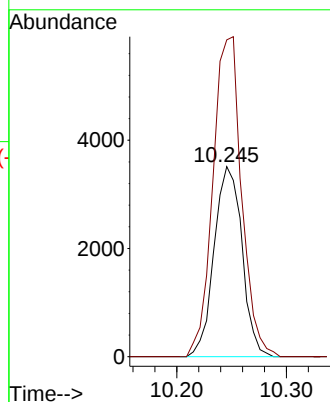
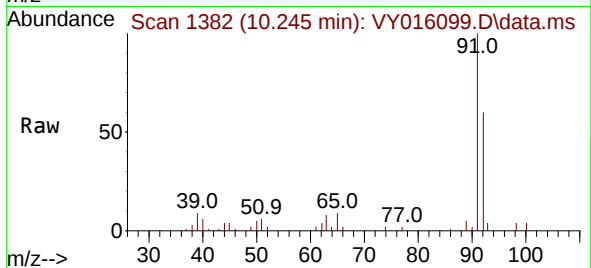
AUD-1068

Tgt Ion: 92 Resp: 6203

Ion Ratio Lower Upper

92 100

91 173.7 143.8 215.6



#62

4-Bromofluorobenzene

Concen: 48.094 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016099.D

Acq: 27 Oct 2023 12:25

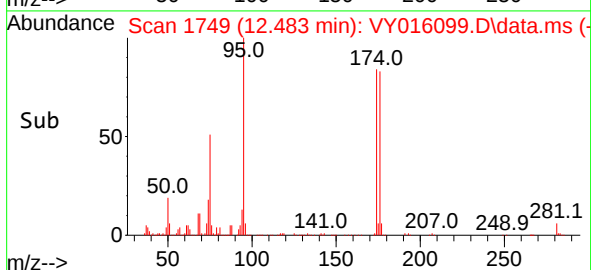
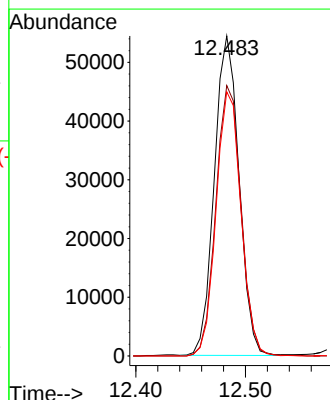
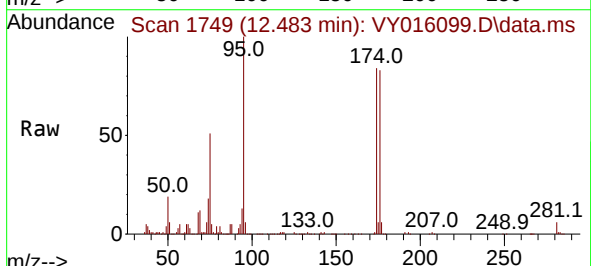
Tgt Ion: 95 Resp: 85125

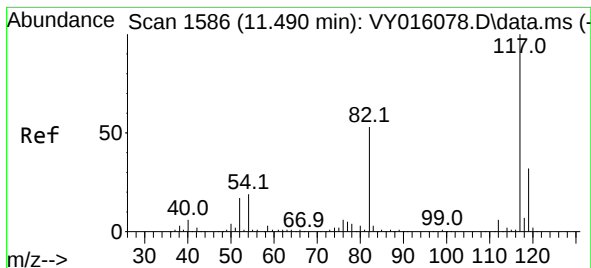
Ion Ratio Lower Upper

95 100

174 86.4 0.0 178.2

176 83.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016099.D

Acq: 27 Oct 2023 12:25

Instrument :

MSVOA_Y

ClientSampleId :

AUD-1068

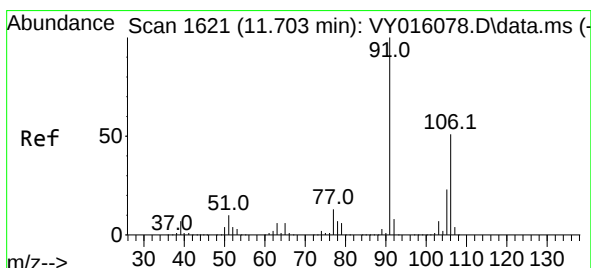
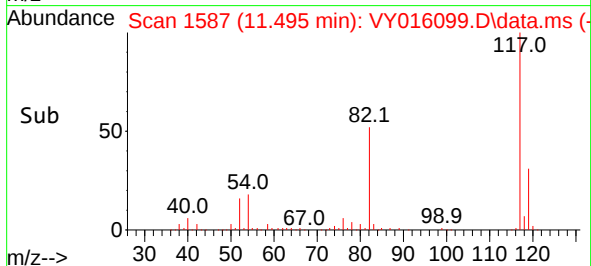
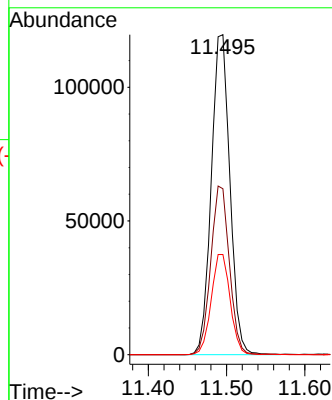
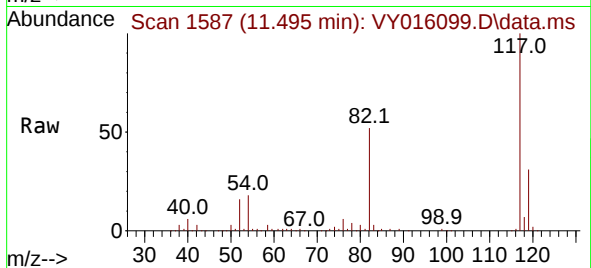
Tgt Ion:117 Resp: 197259

Ion Ratio Lower Upper

117 100

82 51.8 43.4 65.0

119 31.3 26.3 39.5



#68

m/p-Xylenes

Concen: 1.974 ug/l

RT: 11.696 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY016099.D

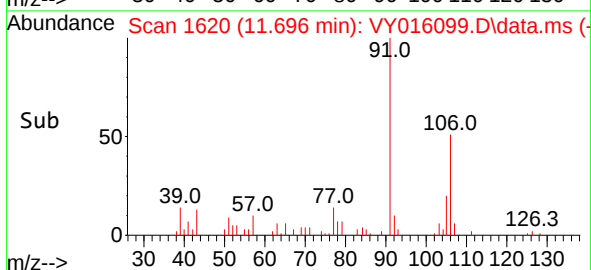
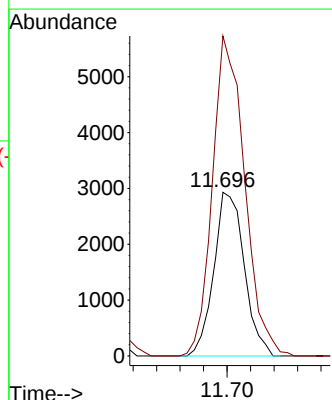
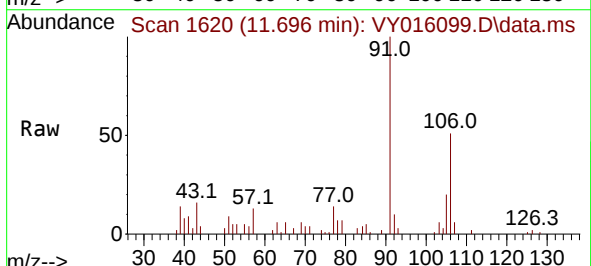
Acq: 27 Oct 2023 12:25

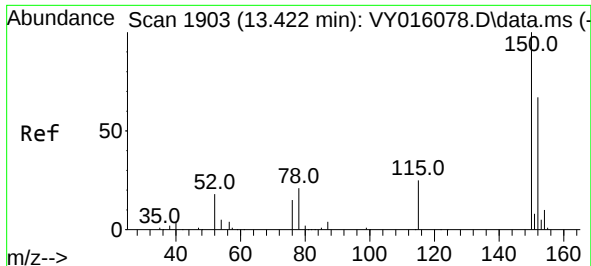
Tgt Ion:106 Resp: 5261

Ion Ratio Lower Upper

106 100

91 207.1 166.1 249.1

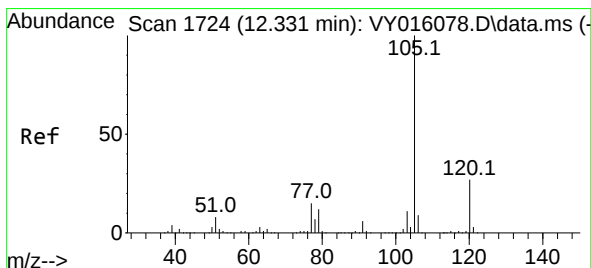
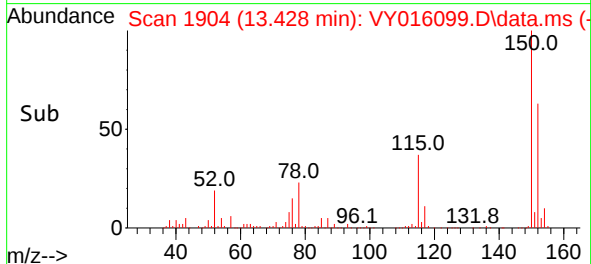
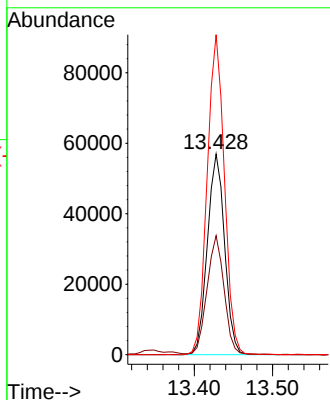
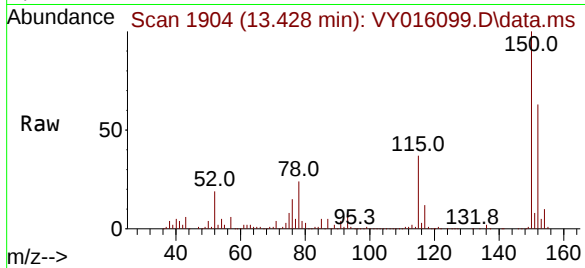




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY016099.D
Acq: 27 Oct 2023 12:25

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1068

Tgt Ion:152 Resp: 87069
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 158.8 0.0 348.8



#73
Isopropylbenzene
Concen: 14.782 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY016099.D
Acq: 27 Oct 2023 12:25

Tgt Ion:105 Resp: 90578
Ion Ratio Lower Upper
105 100
120 5.5 13.3 39.9#

