

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072369.D
 Acq On : 22 Mar 2022 18:26
 Operator : VA/SY
 Sample : N2053-02
 Misc : 6.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AUD-1286

Quant Time: Mar 23 01:14:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

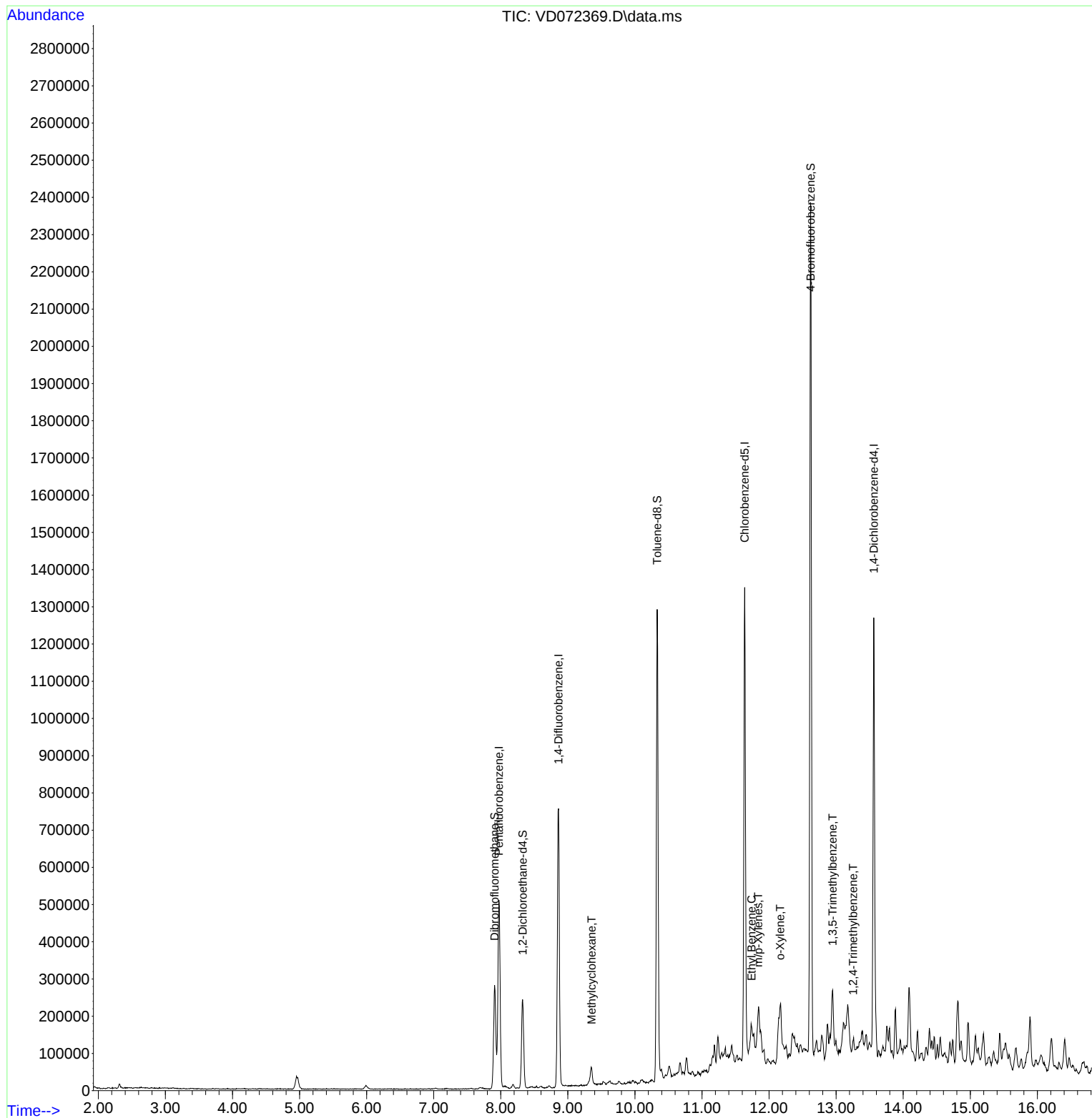
Internal Standards						
1) Pentafluorobenzene	7.973	168	371371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	651421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	713463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	296027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	192648	46.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.100%
35) Dibromofluoromethane	7.908	113	196124	42.784	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.560%
50) Toluene-d8	10.332	98	817260	48.757	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.520%
62) 4-Bromofluorobenzene	12.620	95	347426	53.344	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.680%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.355	83	21118	2.918	ug/l #	93
67) Ethyl Benzene	11.738	91	37260	1.319	ug/l	97
68) m/p-Xylenes	11.838	106	35399	3.300	ug/l	97
69) o-Xylene	12.167	106	30261	2.949	ug/l	89
80) 1,3,5-Trimethylbenzene	12.949	105	39557	1.963	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	22134	1.115	ug/l	93

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

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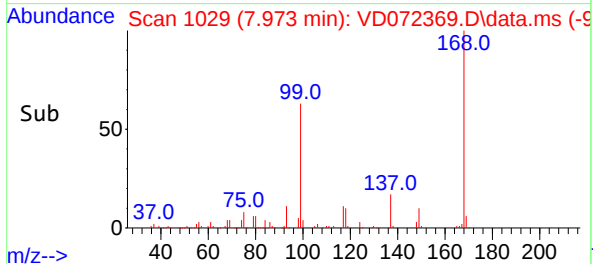
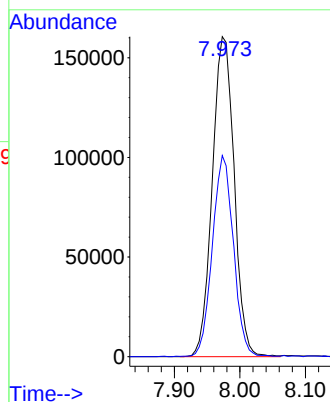
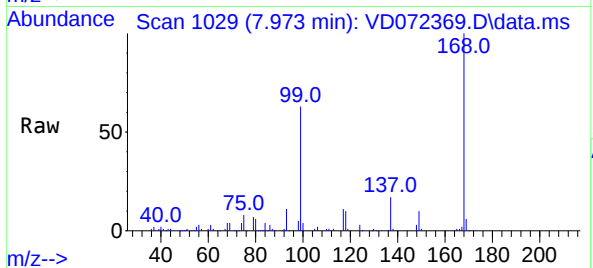




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072369.D
Acq: 22 Mar 2022 18:26

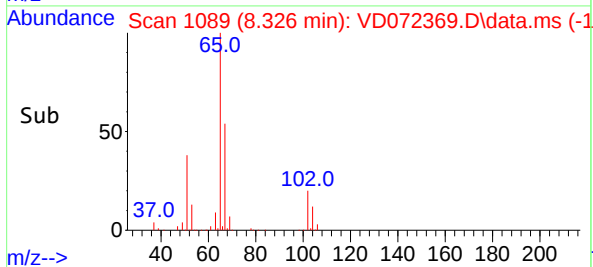
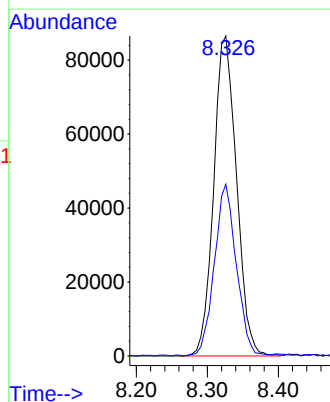
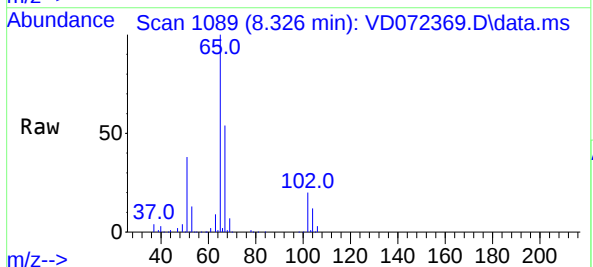
Instrument :
MSVOA_D
ClientSampleId :
AUD-1286

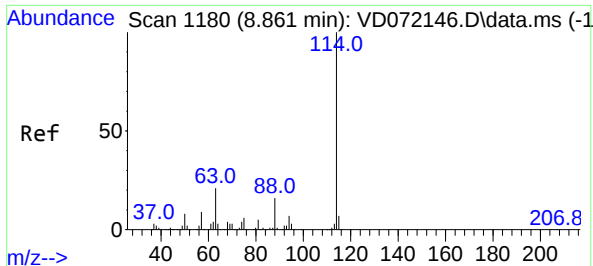
Tgt Ion:168 Resp: 371371
Ion Ratio Lower Upper
168 100
99 62.7 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 46.548 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072369.D
Acq: 22 Mar 2022 18:26

Tgt Ion: 65 Resp: 192648
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072369.D

Acq: 22 Mar 2022 18:26

Instrument :

MSVOA_D

ClientSampleId :

AUD-1286

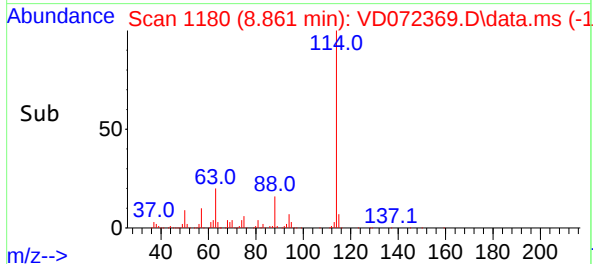
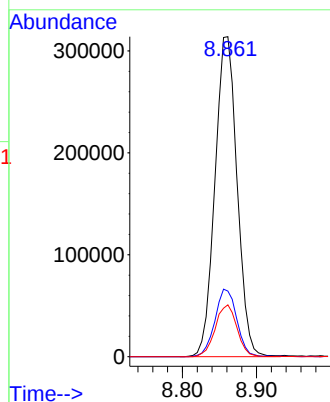
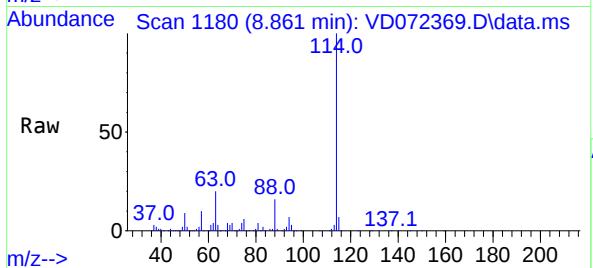
Tgt Ion:114 Resp: 651421

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 42.784 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072369.D

Acq: 22 Mar 2022 18:26

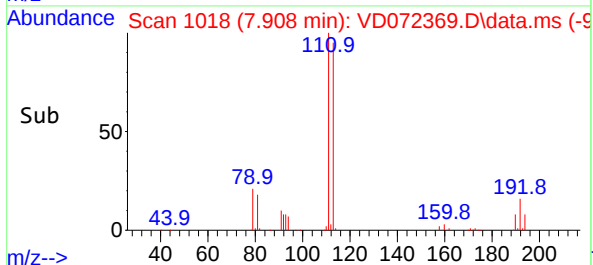
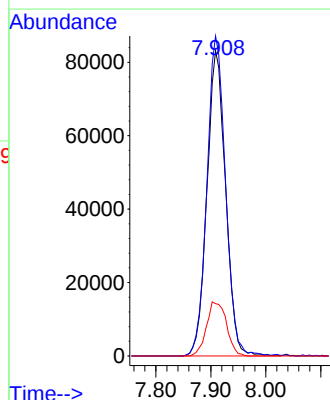
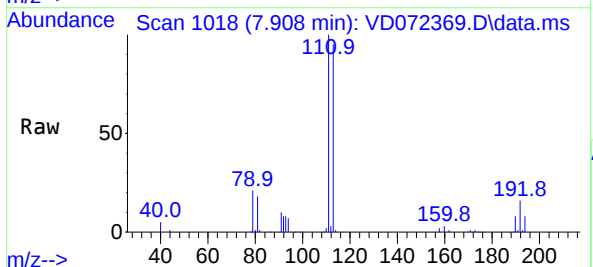
Tgt Ion:113 Resp: 196124

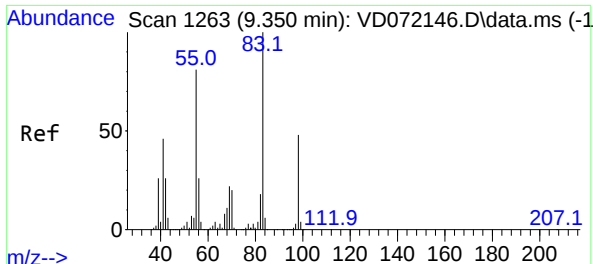
Ion Ratio Lower Upper

113 100

111 104.5 83.8 125.6

192 18.9 14.6 21.8





#39

Methylcyclohexane

Concen: 2.918 ug/l

RT: 9.355 min Scan# 1263

Delta R.T. 0.006 min

Lab File: VD072369.D

Acq: 22 Mar 2022 18:26

Instrument :

MSVOA_D

ClientSampleId :

AUD-1286

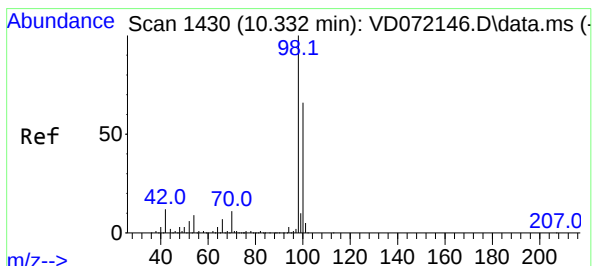
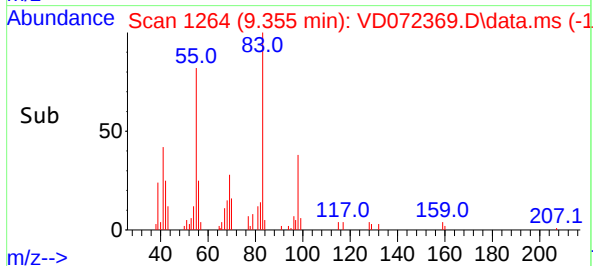
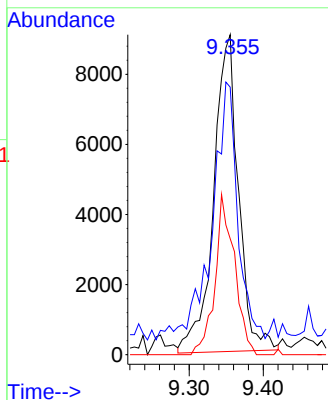
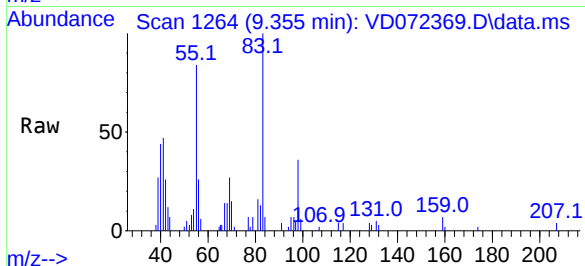
Tgt Ion: 83 Resp: 21118

Ion Ratio Lower Upper

83 100

55 79.9 63.2 94.8

98 37.1 38.2 57.4#



#50

Toluene-d8

Concen: 48.757 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072369.D

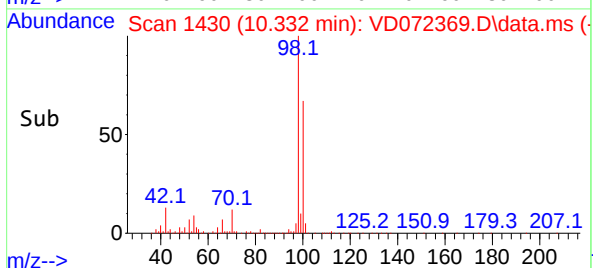
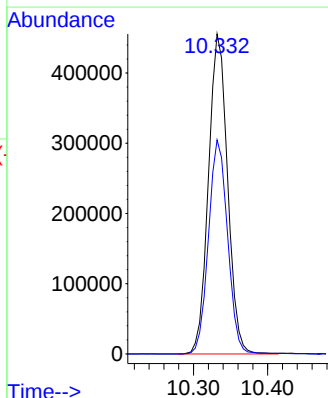
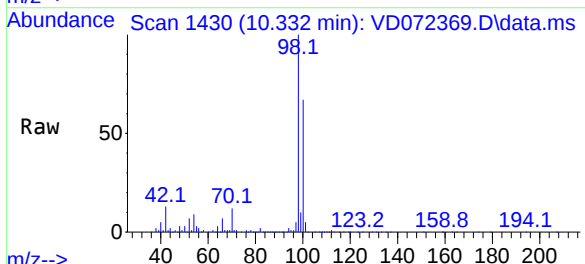
Acq: 22 Mar 2022 18:26

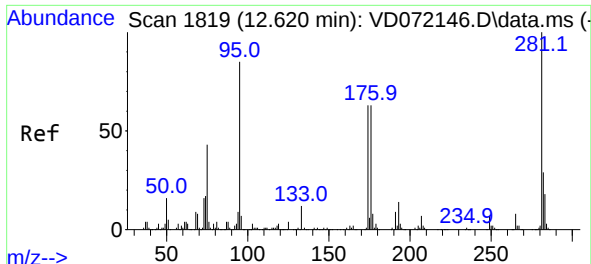
Tgt Ion: 98 Resp: 817260

Ion Ratio Lower Upper

98 100

100 66.9 52.4 78.6



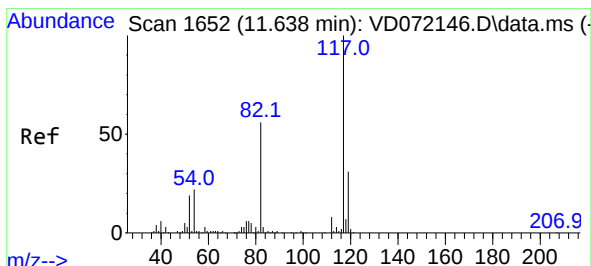
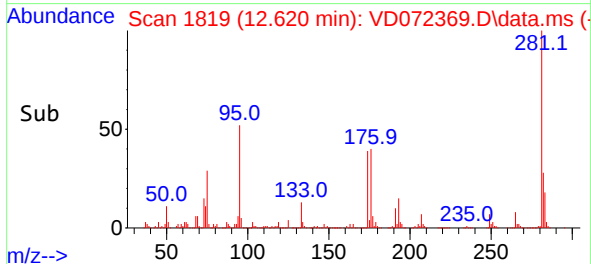
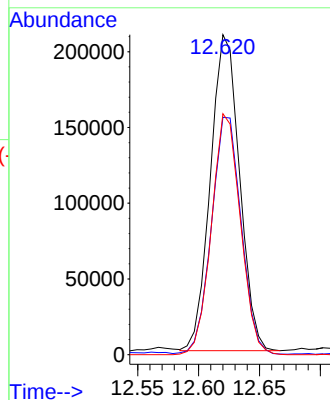
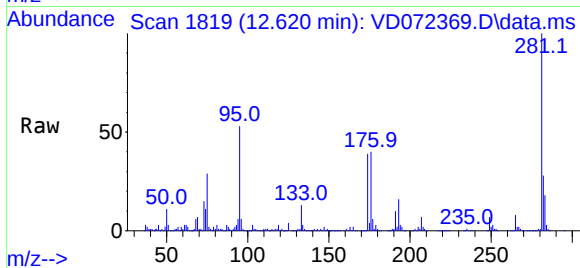


#62
4-Bromofluorobenzene
Concen: 53.344 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072369.D
Acq: 22 Mar 2022 18:26

Instrument :
MSVOA_D
ClientSampleId :
AUD-1286

Tgt Ion: 95 Resp: 347426

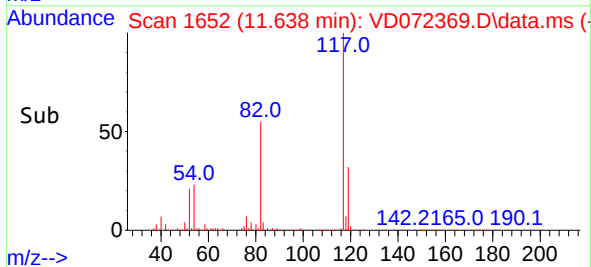
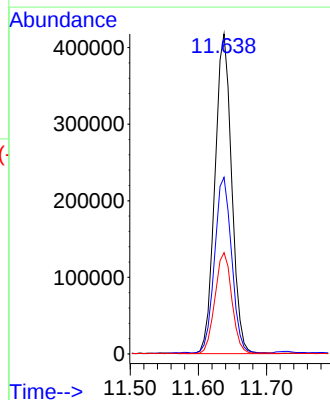
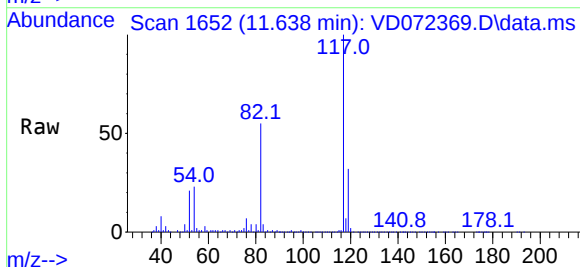
Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	152.8
176	75.6	0.0	145.4

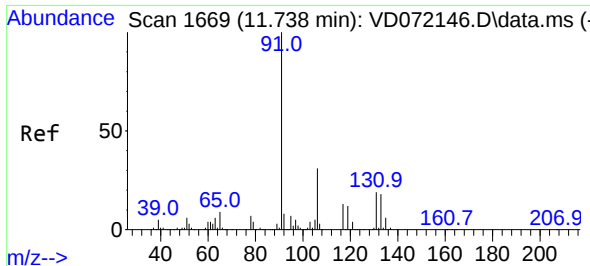


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072369.D
Acq: 22 Mar 2022 18:26

Tgt Ion: 117 Resp: 713463

Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.3	67.9
119	31.6	26.6	40.0

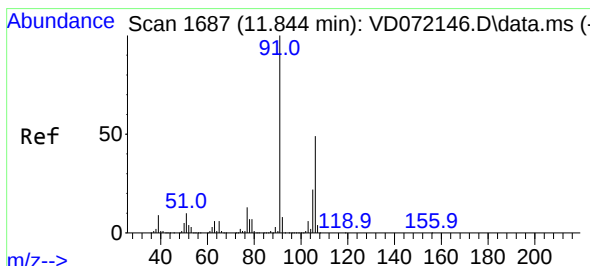
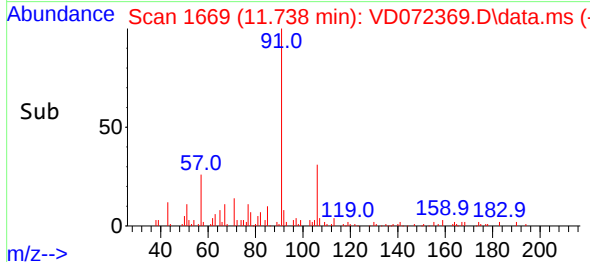
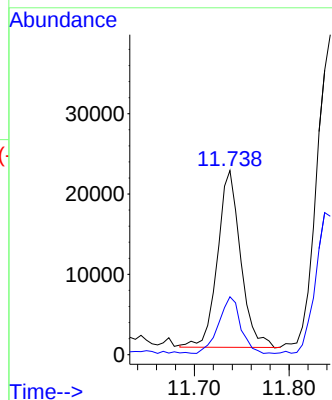
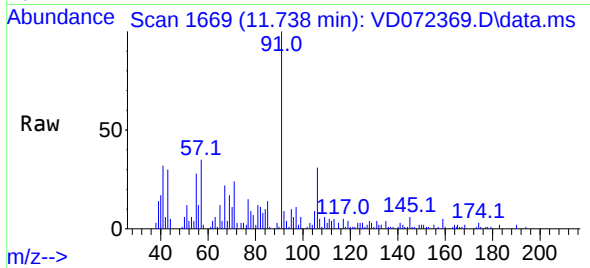




#67
Ethyl Benzene
Concen: 1.319 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072369.D
Acq: 22 Mar 2022 18:26

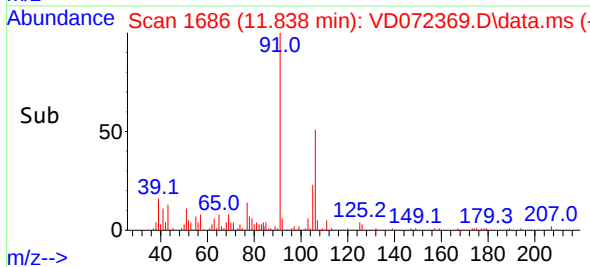
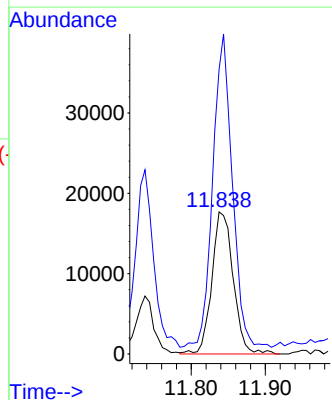
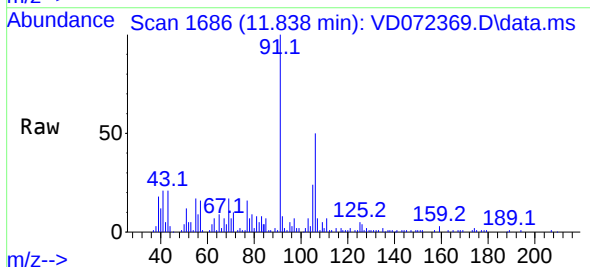
Instrument :
MSVOA_D
ClientSampleId :
AUD-1286

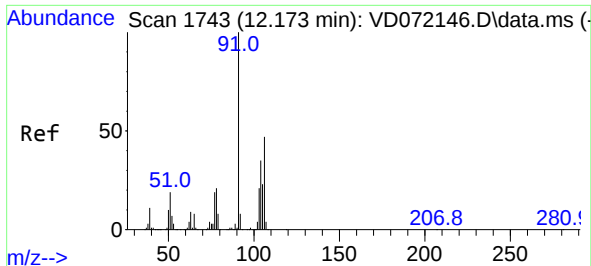
Tgt Ion: 91 Resp: 37260
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.4



#68
m/p-Xylenes
Concen: 3.300 ug/l
RT: 11.838 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VD072369.D
Acq: 22 Mar 2022 18:26

Tgt Ion: 106 Resp: 35399
Ion Ratio Lower Upper
106 100
91 200.5 163.7 245.5

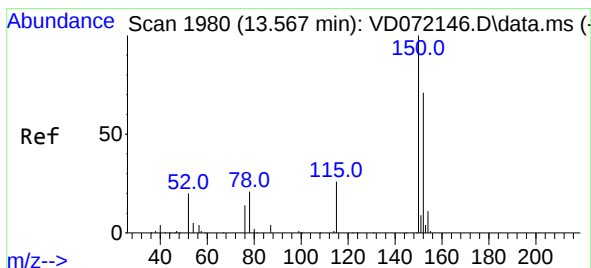
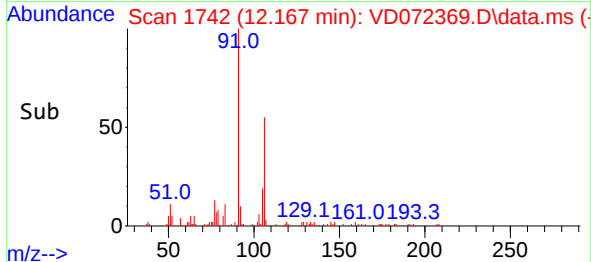
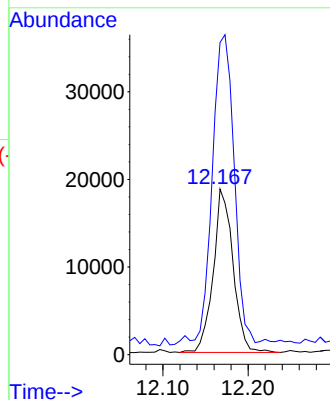
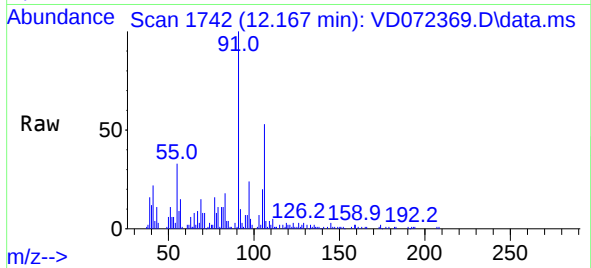




#69
o-Xylene
Concen: 2.949 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072369.D
Acq: 22 Mar 2022 18:26

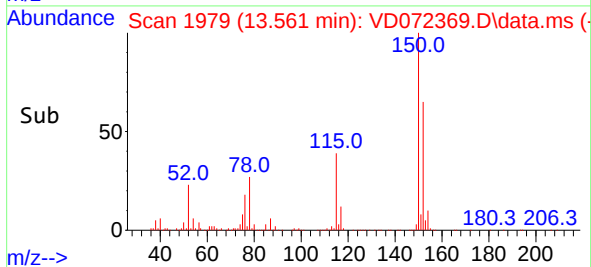
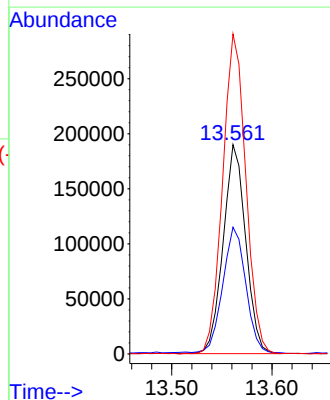
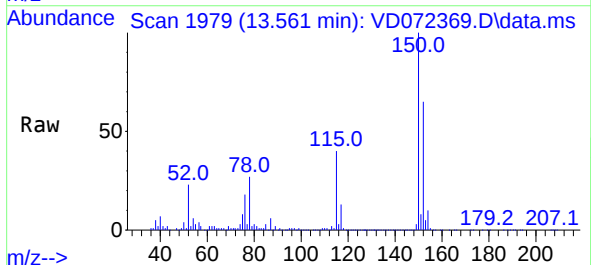
Instrument :
MSVOA_D
ClientSampleId :
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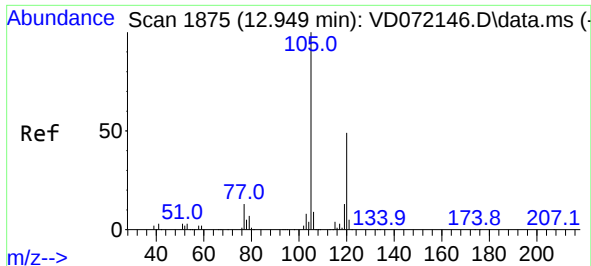
Tgt Ion:106 Resp: 30261
Ion Ratio Lower Upper
106 100
91 202.5 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072369.D
Acq: 22 Mar 2022 18:26

Tgt Ion:152 Resp: 296027
Ion Ratio Lower Upper
152 100
115 62.8 31.3 93.8
150 157.7 0.0 348.6

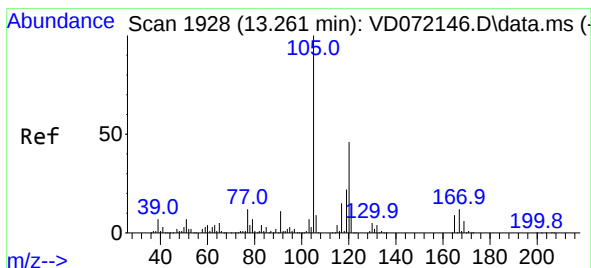
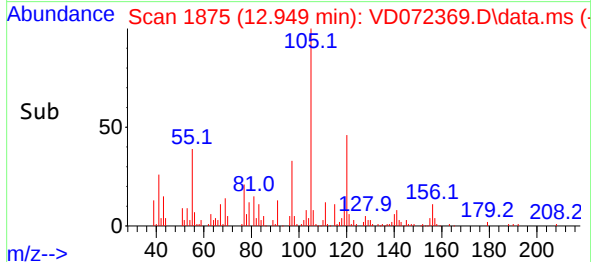
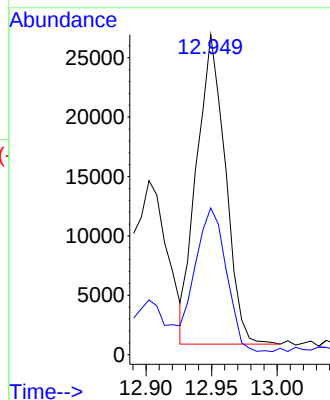
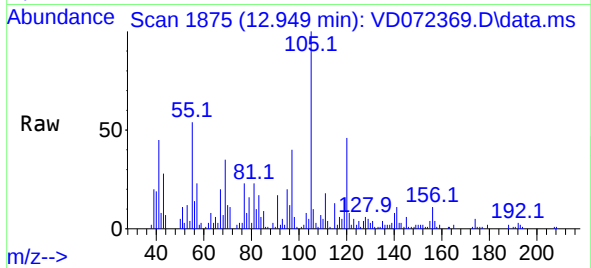




#80
1,3,5-Trimethylbenzene
Concen: 1.963 ug/l
RT: 12.949 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072369.D
Acq: 22 Mar 2022 18:26

Instrument :
MSVOA_D
ClientSampleId :
AUD-1286

Tgt Ion:105 Resp: 39557
Ion Ratio Lower Upper
105 100
120 50.2 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 1.115 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072369.D
Acq: 22 Mar 2022 18:26

Tgt Ion:105 Resp: 22134
Ion Ratio Lower Upper
105 100
120 49.3 22.3 66.8

