

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031316.D
 Acq On : 14 Sep 2022 19:27
 Operator : JC/MD
 Sample : N4588-04 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1666

Quant Time: Sep 15 06:04:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

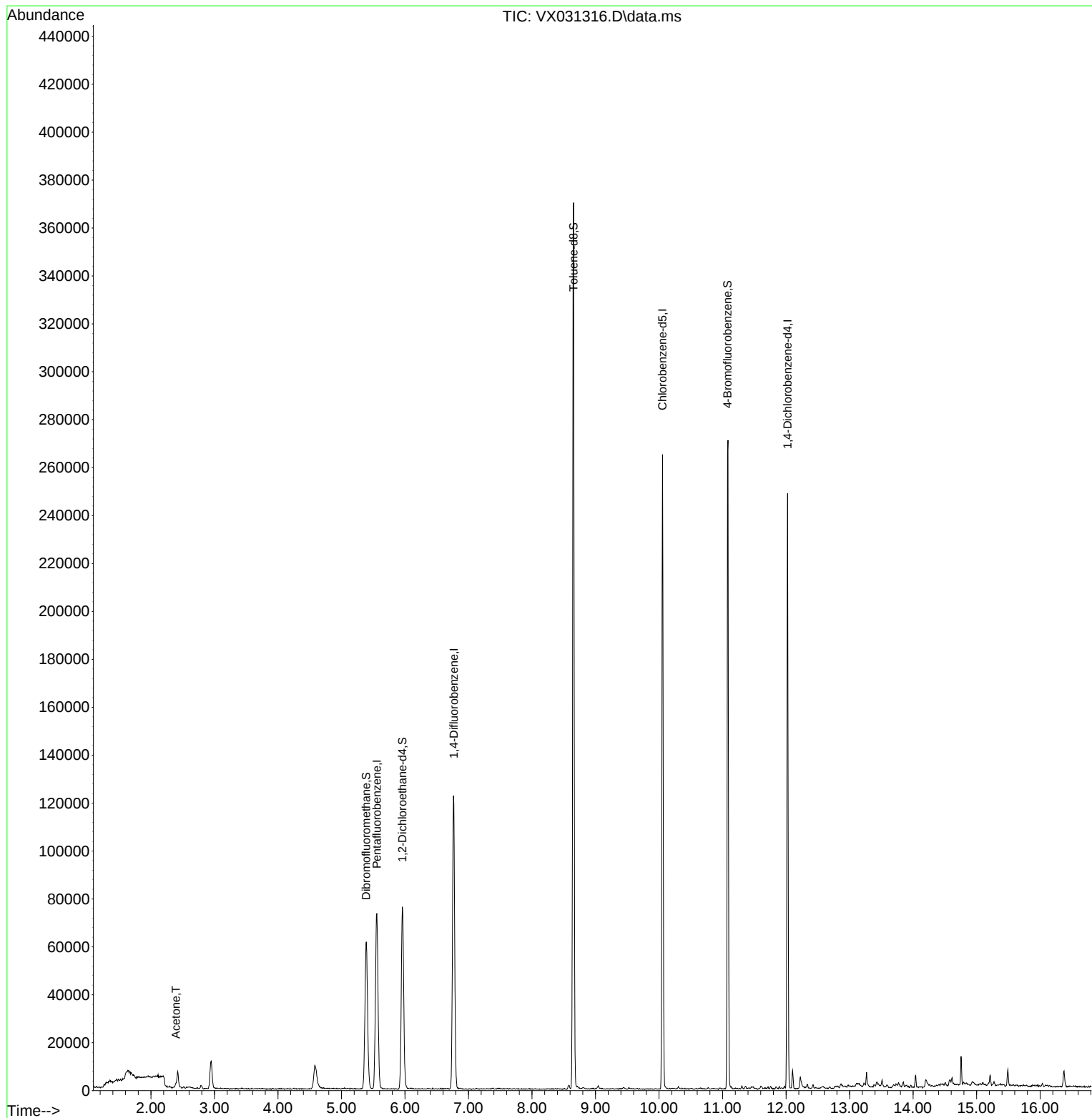
Internal Standards						
1) Pentafluorobenzene	5.556	168	65221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	117105	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72449	45.256	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.520%
35) Dibromofluoromethane	5.385	113	51489	40.903	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	81.800%
50) Toluene-d8	8.653	98	205537	43.528	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.060%
62) 4-Bromofluorobenzene	11.079	95	68206	39.445	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	78.900%#
Target Compounds					Qvalue	
16) Acetone	2.392	43	2795	4.090	ug/l #	81

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

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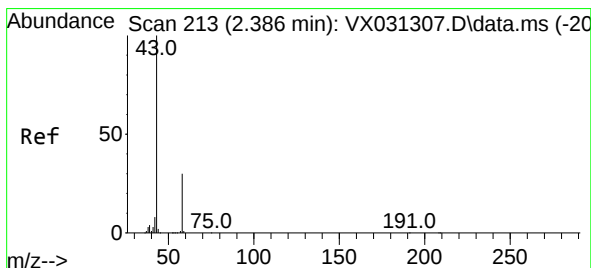
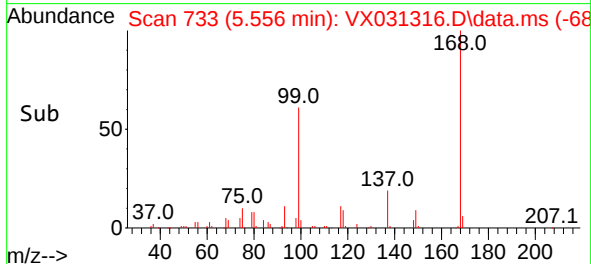
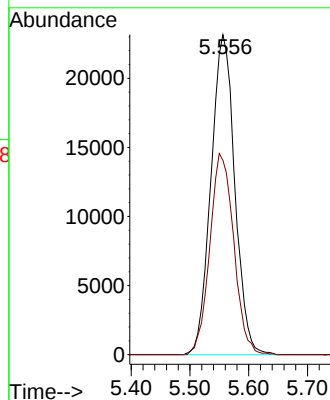
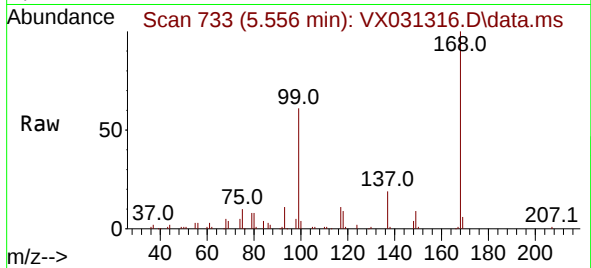




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031316.D
Acq: 14 Sep 2022 19:27

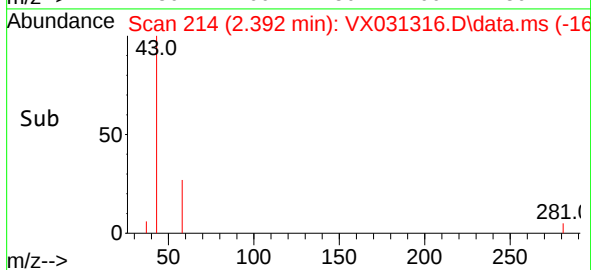
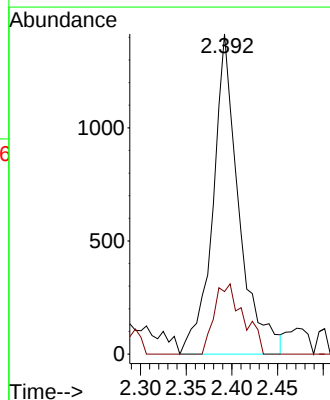
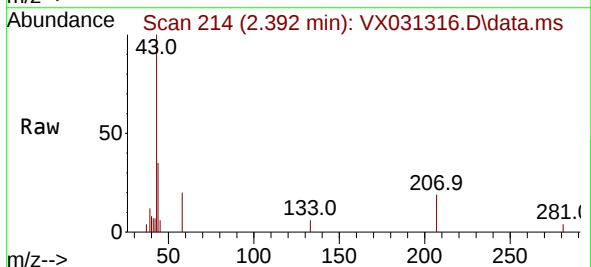
Instrument :
MSVOA_X
ClientSampleId :
AUD-1666

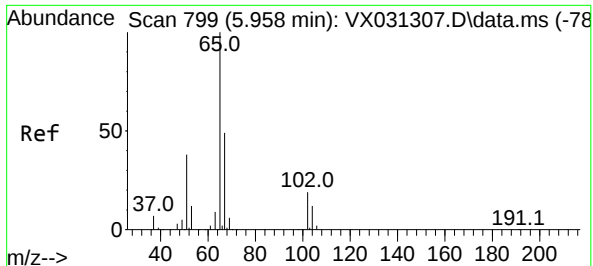
Tgt Ion:168 Resp: 65221
Ion Ratio Lower Upper
168 100
99 60.8 48.8 73.2



#16
Acetone
Concen: 4.090 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031316.D
Acq: 14 Sep 2022 19:27

Tgt Ion: 43 Resp: 2795
Ion Ratio Lower Upper
43 100
58 19.5 23.8 35.8#





#33

1,2-Dichloroethane-d4

Concen: 45.256 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031316.D

Acq: 14 Sep 2022 19:27

Instrument :

MSVOA_X

ClientSampleId :

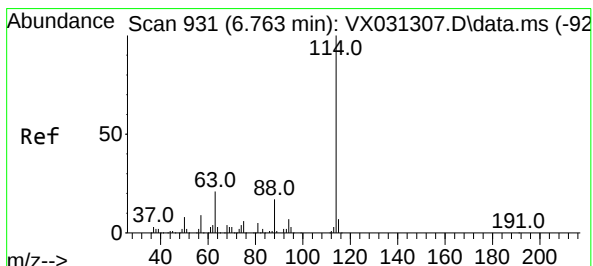
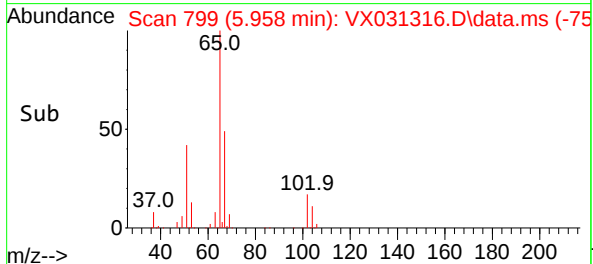
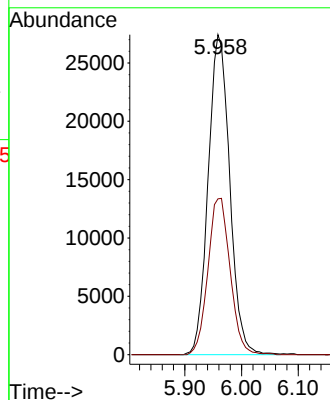
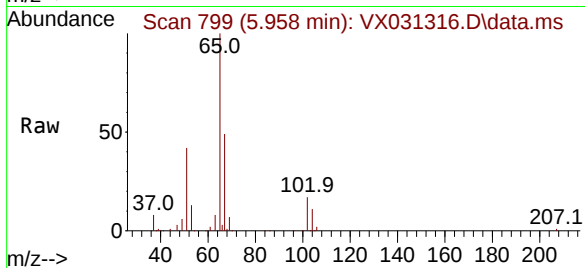
AUD-1666

Tgt Ion: 65 Resp: 72449

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX031316.D

Acq: 14 Sep 2022 19:27

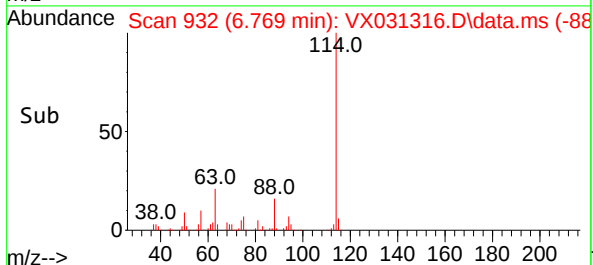
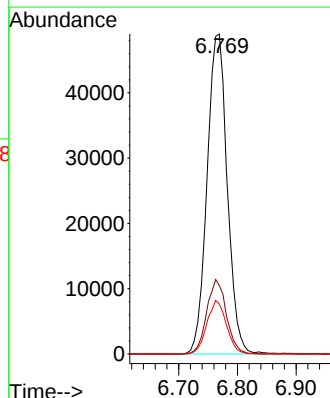
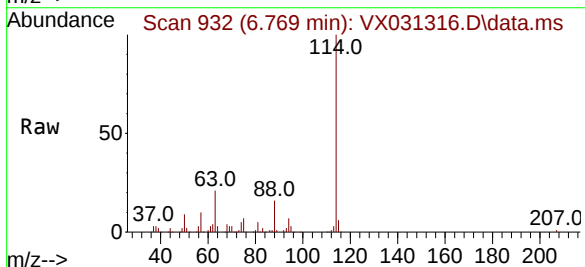
Tgt Ion: 114 Resp: 117105

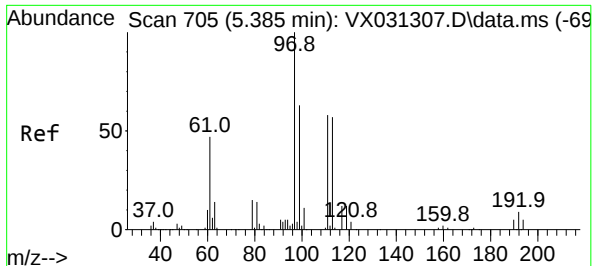
Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.6

88 15.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 40.903 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX031316.D

Acq: 14 Sep 2022 19:27

Instrument :

MSVOA_X

ClientSampleId :

AUD-1666

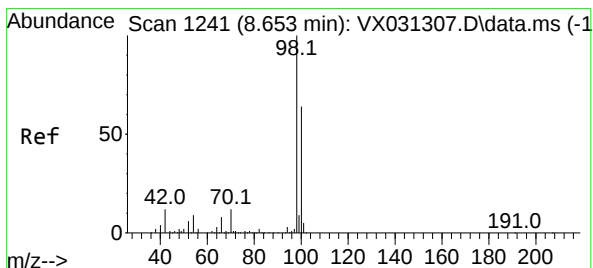
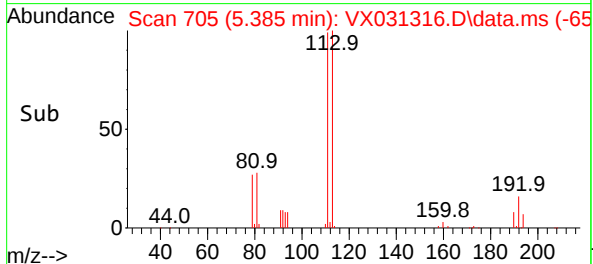
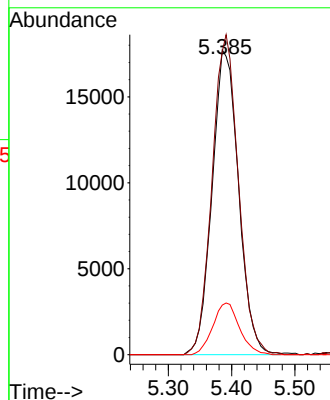
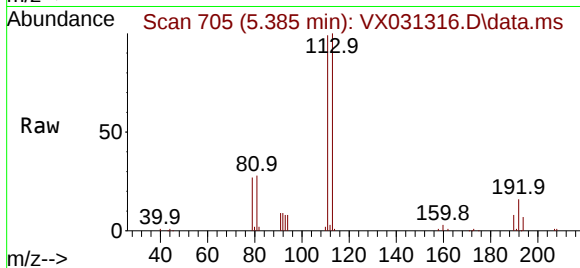
Tgt Ion:113 Resp: 51489

Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

192 17.1 14.1 21.1



#50

Toluene-d8

Concen: 43.528 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX031316.D

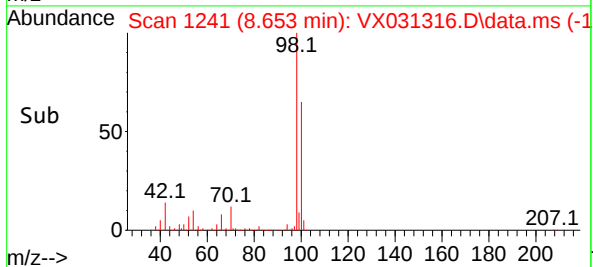
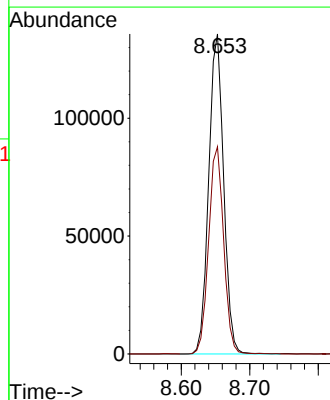
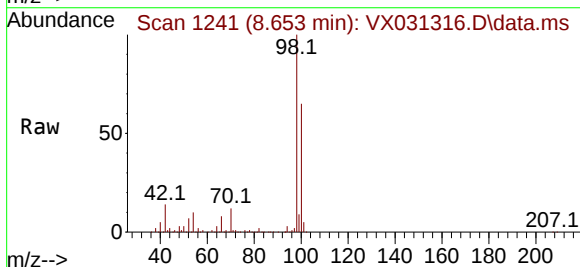
Acq: 14 Sep 2022 19:27

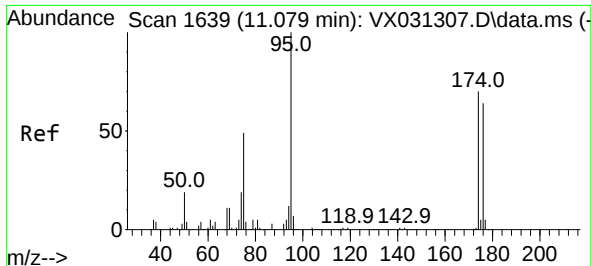
Tgt Ion: 98 Resp: 205537

Ion Ratio Lower Upper

98 100

100 65.1 52.5 78.7

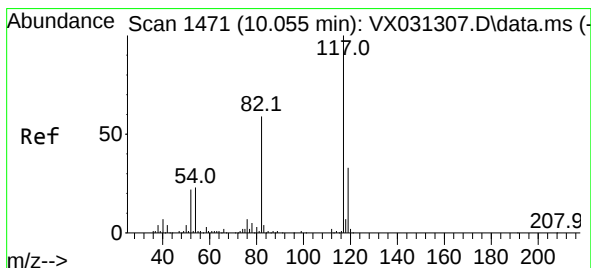
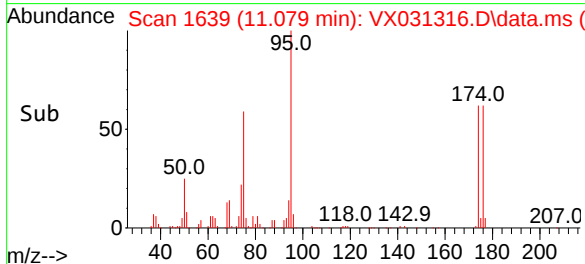
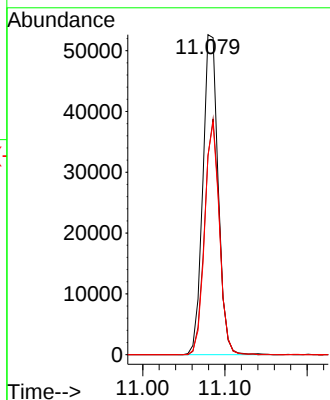
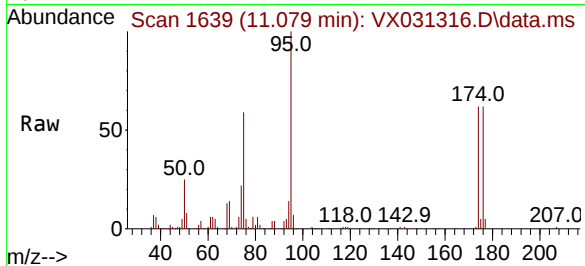




#62
4-Bromofluorobenzene
Concen: 39.445 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031316.D
Acq: 14 Sep 2022 19:27

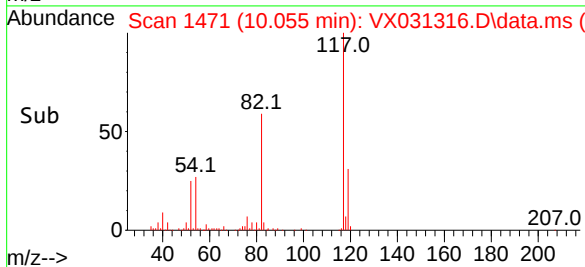
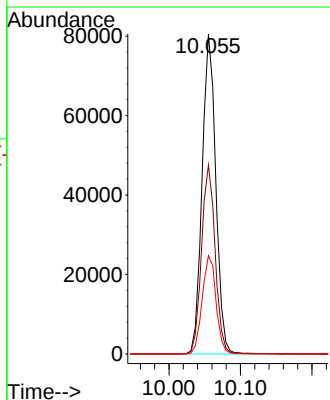
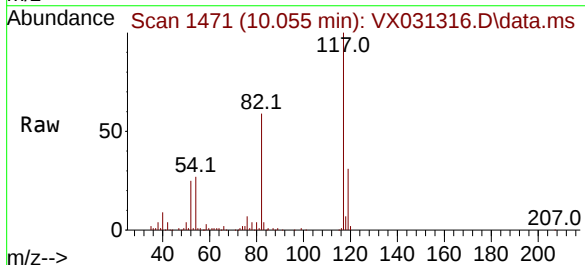
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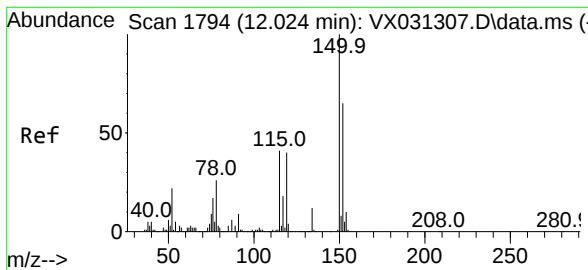
Tgt Ion: 95 Resp: 68206
Ion Ratio Lower Upper
95 100
174 71.1 0.0 153.2
176 69.7 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031316.D
Acq: 14 Sep 2022 19:27

Tgt Ion: 117 Resp: 106901
Ion Ratio Lower Upper
117 100
82 59.0 46.8 70.2
119 30.7 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031316.D
 Acq: 14 Sep 2022 19:27

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1666

Tgt Ion:152	Resp:	44703
Ion	Ratio	Lower Upper
152	100	
115	63.1	43.4 130.1
150	155.9	0.0 346.8

