

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030141.D
 Acq On : 20 Jul 2022 18:44
 Operator : JC/MD
 Sample : N3760-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1822

Quant Time: Jul 21 03:32:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

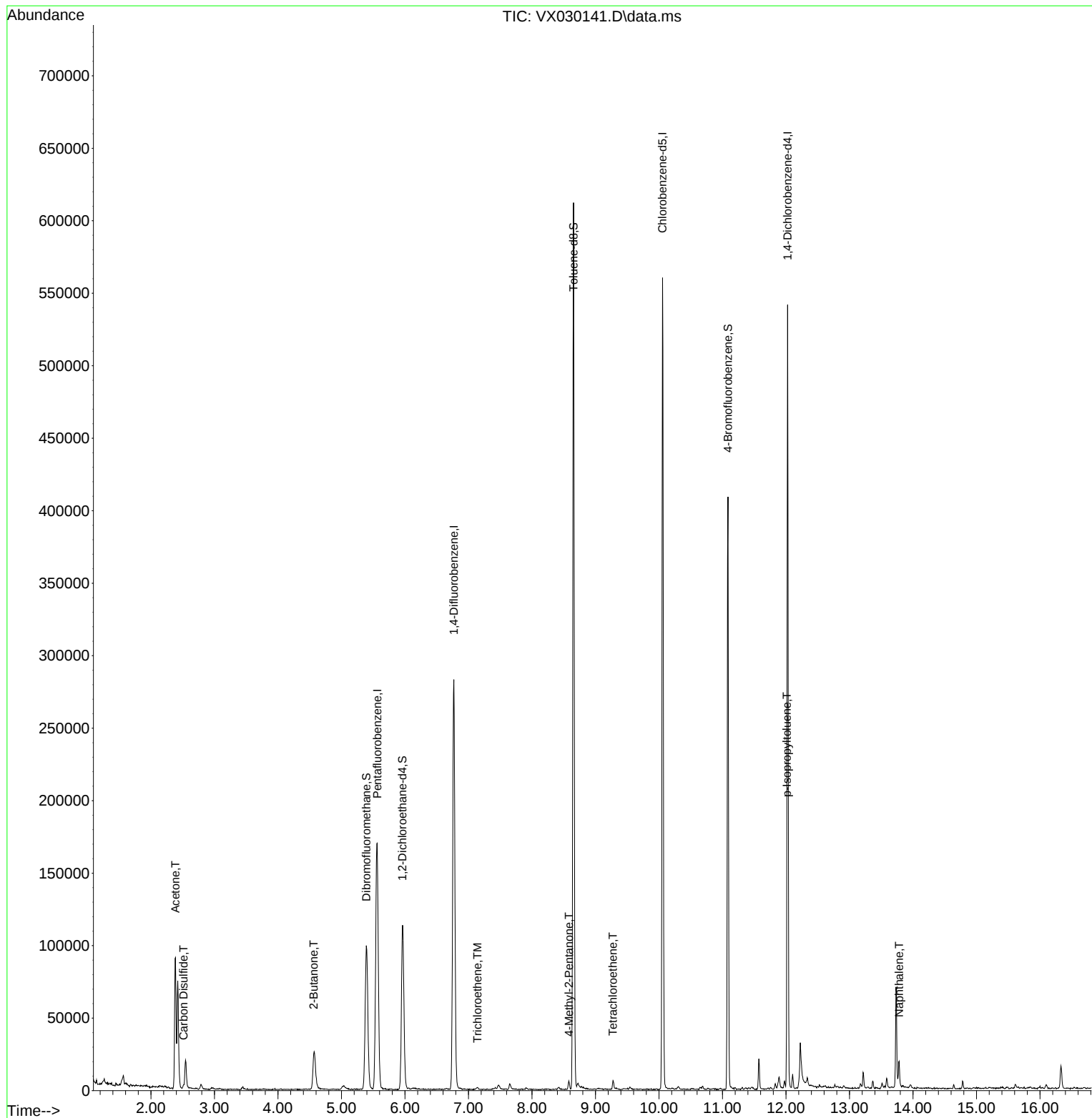
Internal Standards						
1) Pentafluorobenzene	5.562	168	163710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	295794	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106203	53.297	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.600%
35) Dibromofluoromethane	5.391	113	90604	47.948	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.900%
50) Toluene-d8	8.653	98	346486	48.754	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.500%
62) 4-Bromofluorobenzene	11.085	95	110654	44.867	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.740%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	94297	100.428	ug/l	98
17) Carbon Disulfide	2.514	76	2808	0.227	ug/l #	94
25) 2-Butanone	4.562	43	48260	30.173	ug/l	90
44) Trichloroethene	7.141	130	508	0.226	ug/l	85
51) 4-Methyl-2-Pentanone	8.580	43	3593	1.151	ug/l	96
64) Tetrachloroethene	9.275	164	1231	0.601	ug/l #	69
86) p-Isopropyltoluene	12.012	119	1776	0.279	ug/l #	73
95) Naphthalene	13.780	128	3948	0.465	ug/l	99

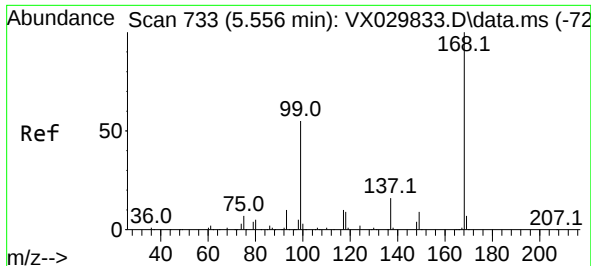
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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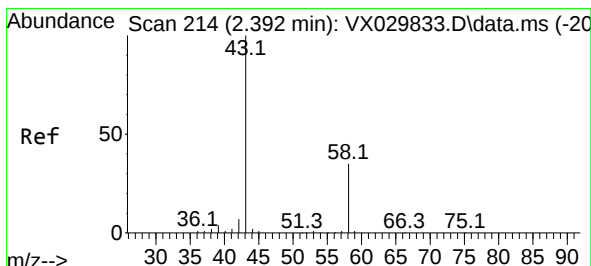
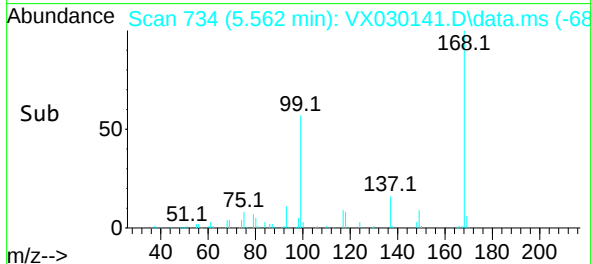
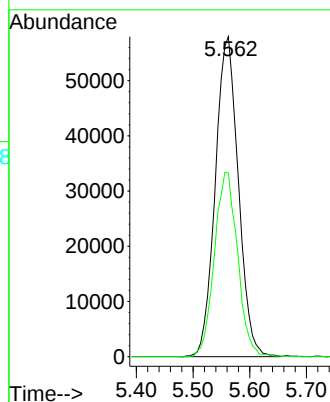
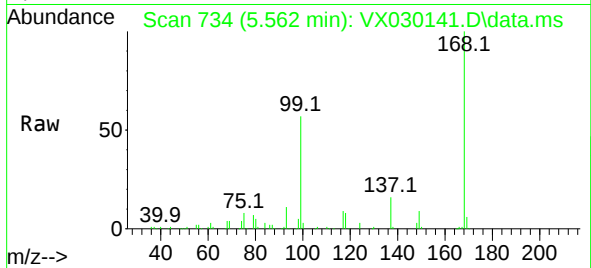




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030141.D
Acq: 20 Jul 2022 18:44

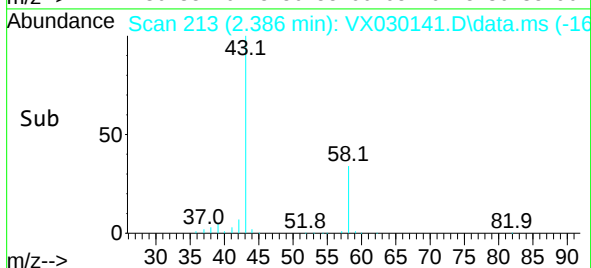
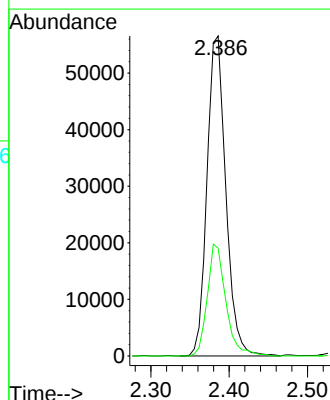
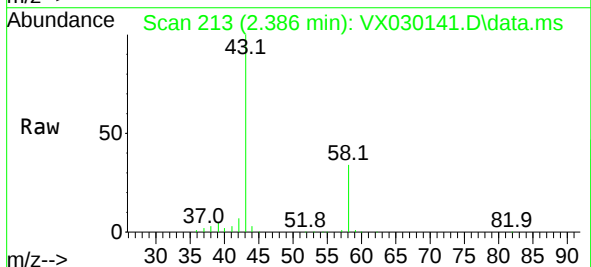
Instrument :
MSVOA_X
ClientSampleId :
AUD-1822

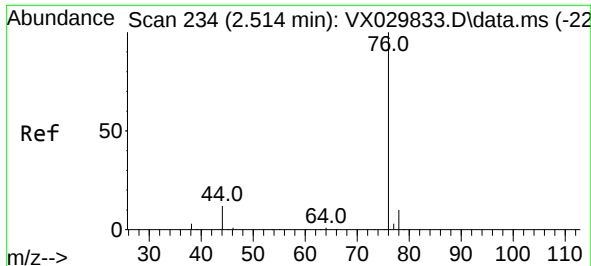
Tgt Ion:168 Resp: 163710
Ion Ratio Lower Upper
168 100
99 57.5 44.0 66.0



#16
Acetone
Concen: 100.428 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030141.D
Acq: 20 Jul 2022 18:44

Tgt Ion: 43 Resp: 94297
Ion Ratio Lower Upper
43 100
58 33.7 27.7 41.5





#17

Carbon Disulfide

Concen: 0.227 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX030141.D

Acq: 20 Jul 2022 18:44

Instrument :

MSVOA_X

ClientSampleId :

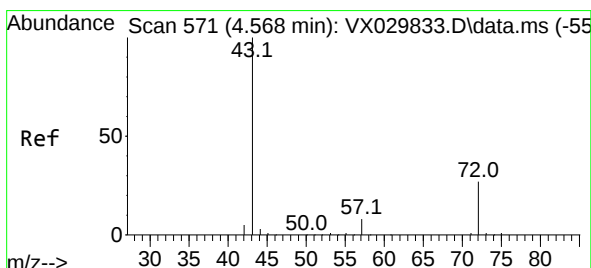
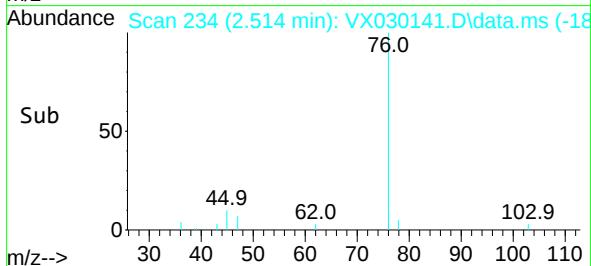
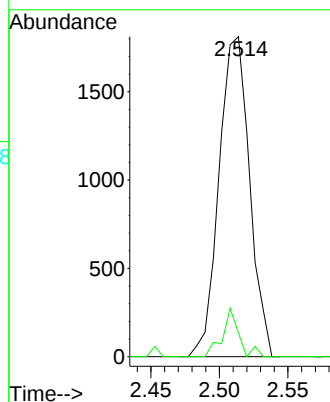
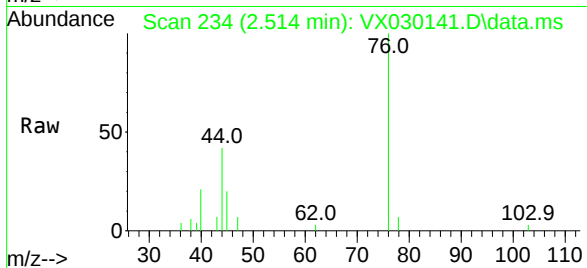
AUD-1822

Tgt Ion: 76 Resp: 2808

Ion Ratio Lower Upper

76 100

78 7.4 7.8 11.6#



#25

2-Butanone

Concen: 30.173 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.006 min

Lab File: VX030141.D

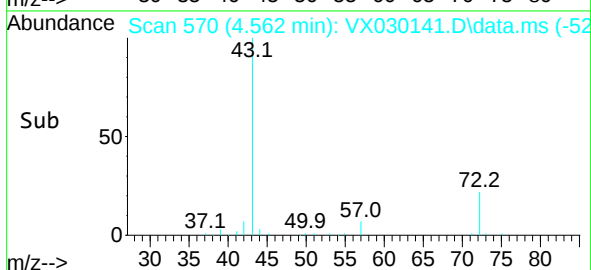
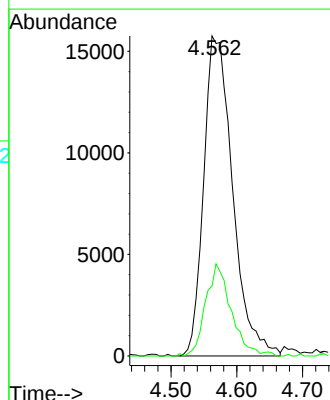
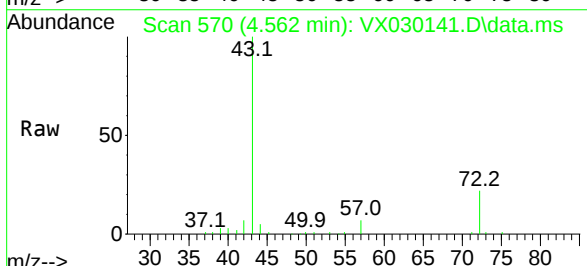
Acq: 20 Jul 2022 18:44

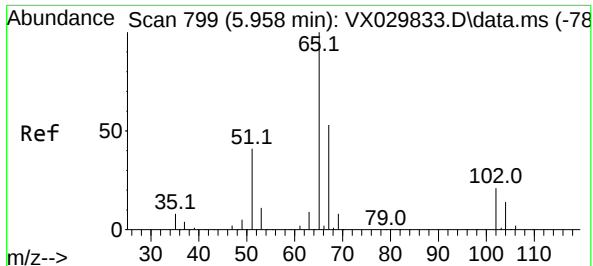
Tgt Ion: 43 Resp: 48260

Ion Ratio Lower Upper

43 100

72 21.9 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 53.297 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030141.D

Acq: 20 Jul 2022 18:44

Instrument :

MSVOA_X

ClientSampleId :

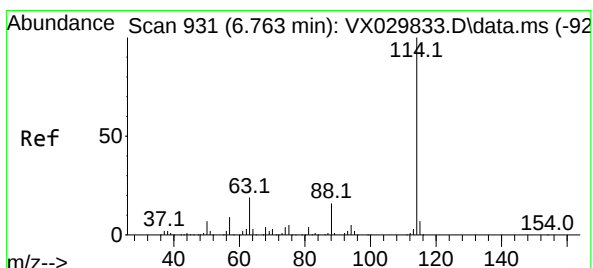
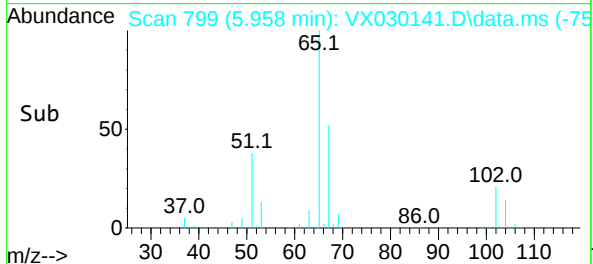
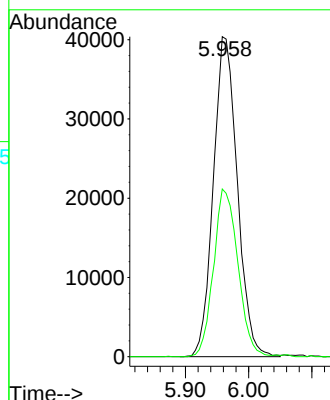
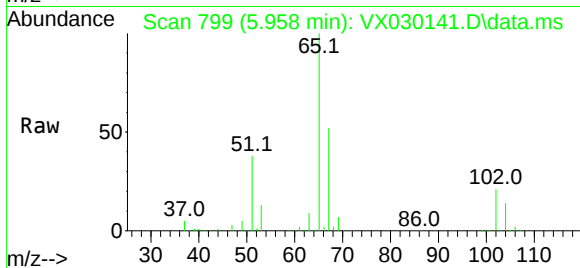
AUD-1822

Tgt Ion: 65 Resp: 106203

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030141.D

Acq: 20 Jul 2022 18:44

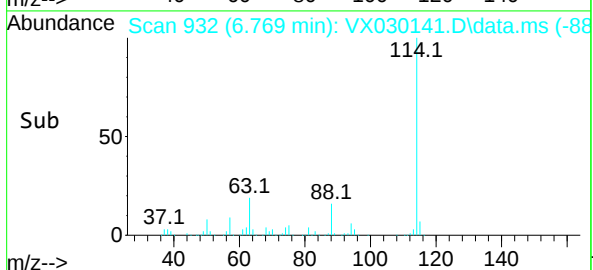
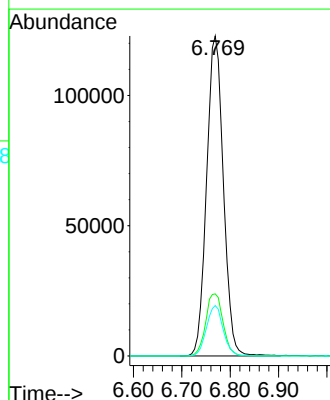
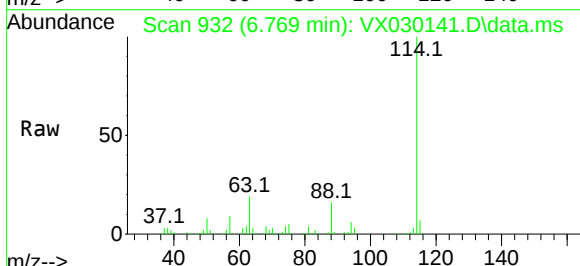
Tgt Ion: 114 Resp: 295794

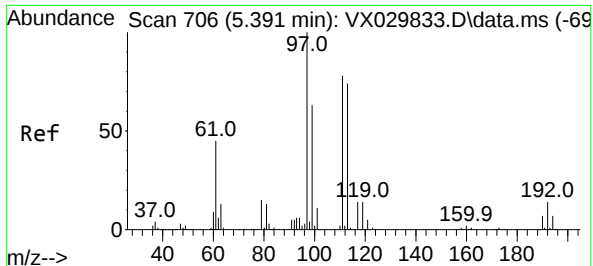
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.948 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030141.D

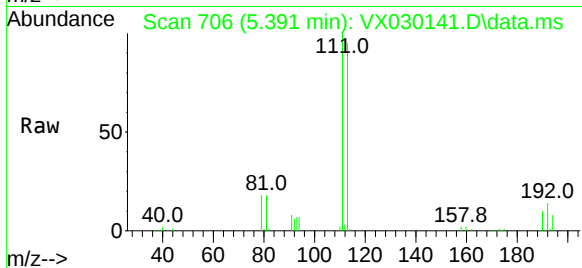
Acq: 20 Jul 2022 18:44

Instrument :

MSVOA_X

ClientSampleId :

AUD-1822



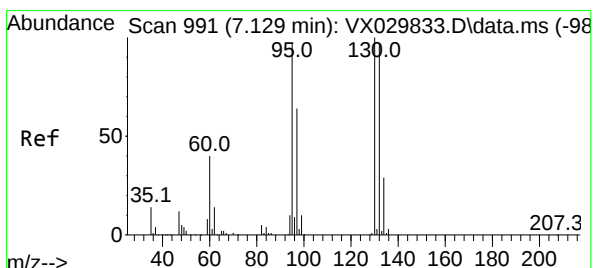
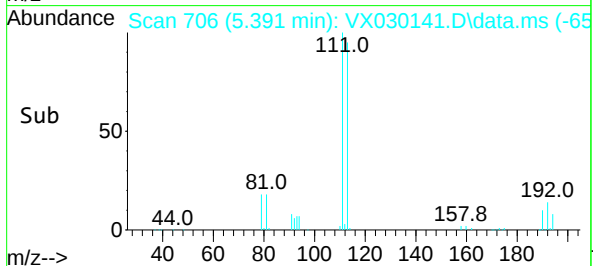
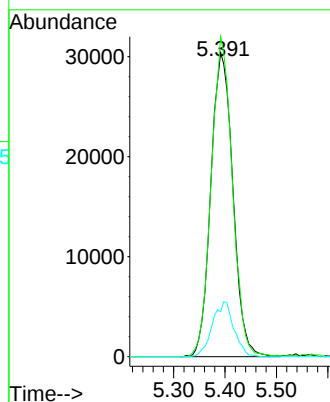
Tgt Ion:113 Resp: 90604

Ion Ratio Lower Upper

113 100

111 100.8 83.2 124.8

192 17.7 14.8 22.2



#44

Trichloroethene

Concen: 0.226 ug/l

RT: 7.141 min Scan# 993

Delta R.T. 0.012 min

Lab File: VX030141.D

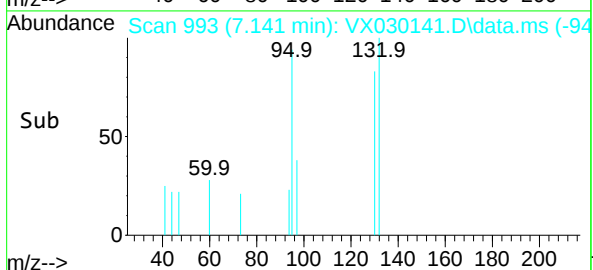
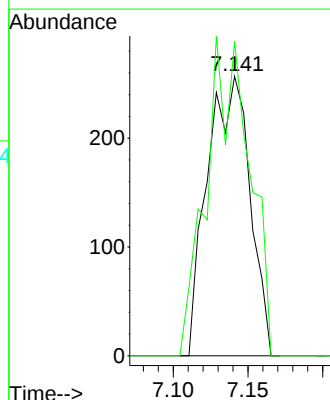
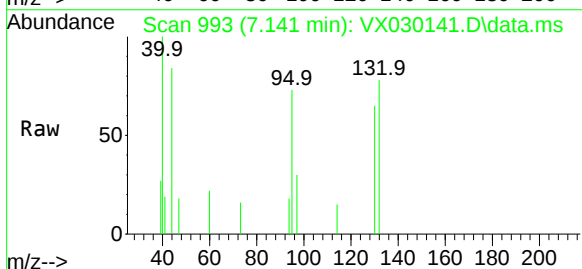
Acq: 20 Jul 2022 18:44

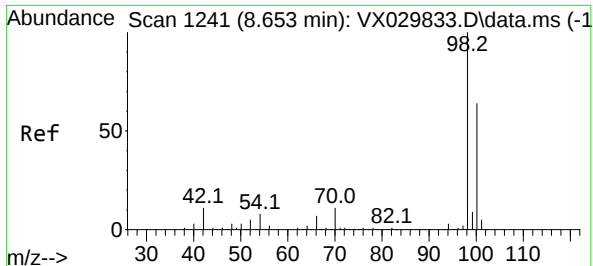
Tgt Ion:130 Resp: 508

Ion Ratio Lower Upper

130 100

95 112.5 0.0 194.8

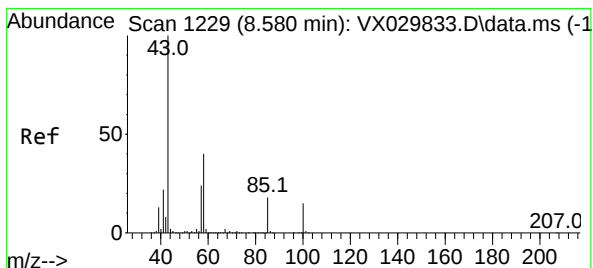
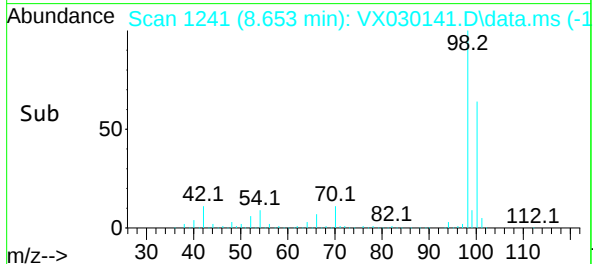
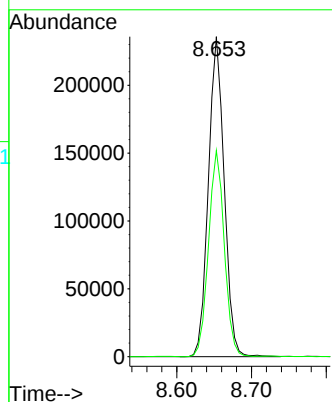
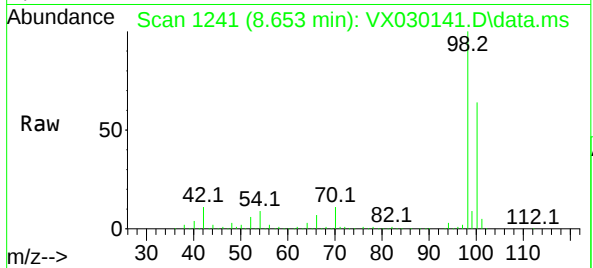




#50
Toluene-d8
Concen: 48.754 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030141.D
Acq: 20 Jul 2022 18:44

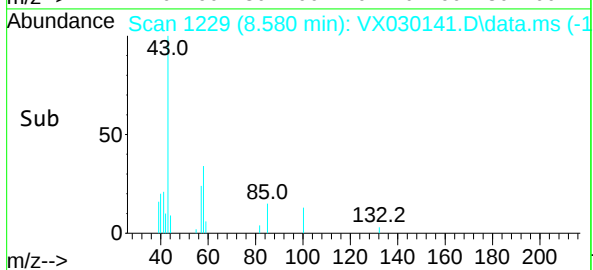
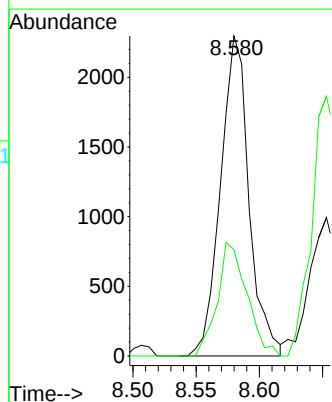
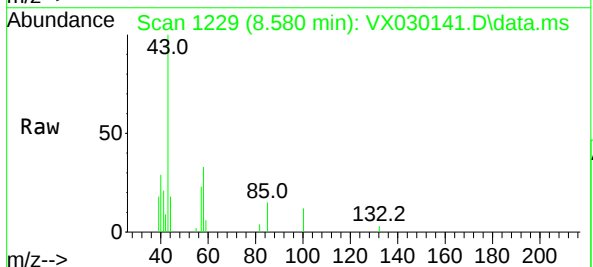
Instrument :
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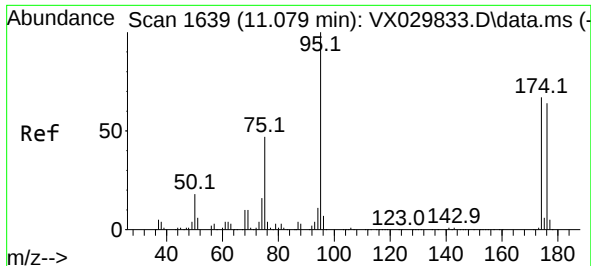
Tgt Ion: 98 Resp: 346486
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.151 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX030141.D
Acq: 20 Jul 2022 18:44

Tgt Ion: 43 Resp: 3593
Ion Ratio Lower Upper
43 100
58 36.8 31.4 47.2

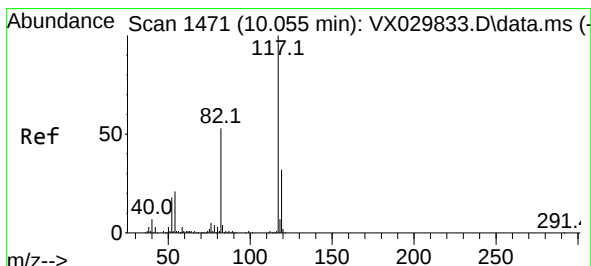
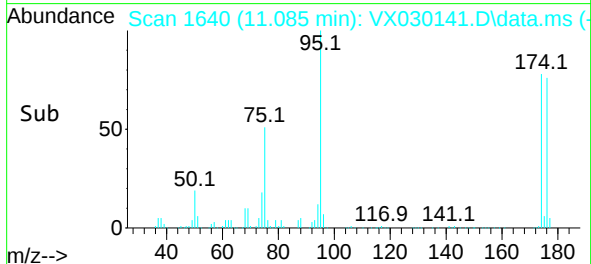
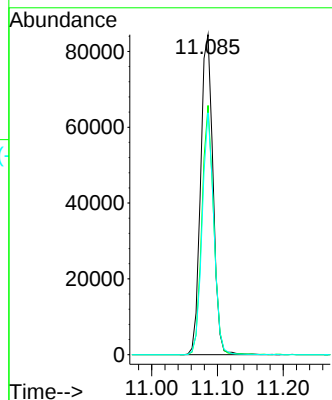
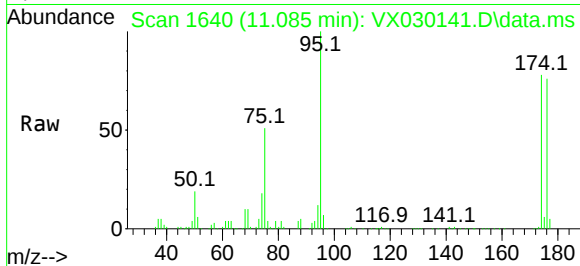




#62
4-Bromofluorobenzene
Concen: 44.867 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX030141.D
Acq: 20 Jul 2022 18:44

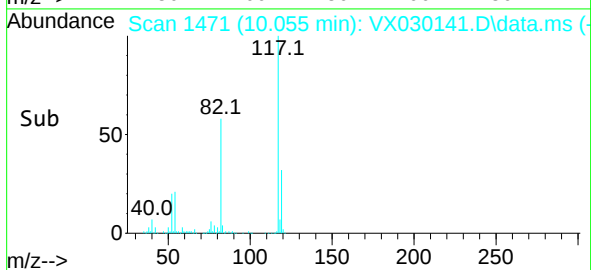
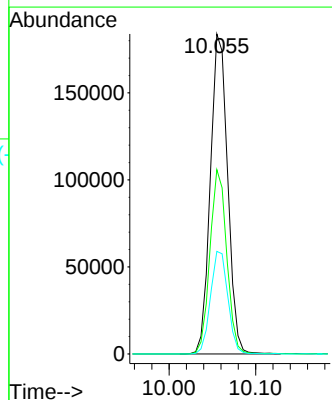
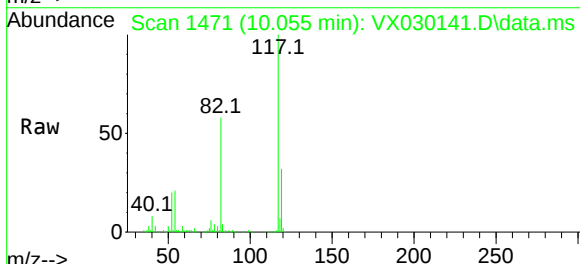
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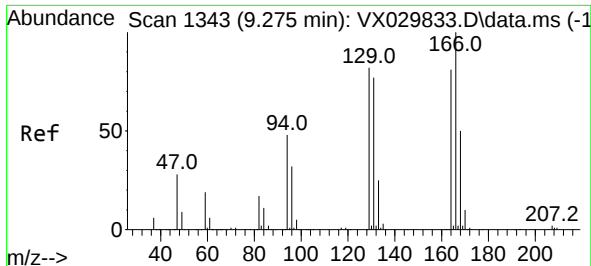
Tgt Ion: 95 Resp: 110654
Ion Ratio Lower Upper
95 100
174 73.8 0.0 149.0
176 71.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030141.D
Acq: 20 Jul 2022 18:44

Tgt Ion: 117 Resp: 255002
Ion Ratio Lower Upper
117 100
82 57.6 42.7 64.1
119 32.0 25.4 38.2

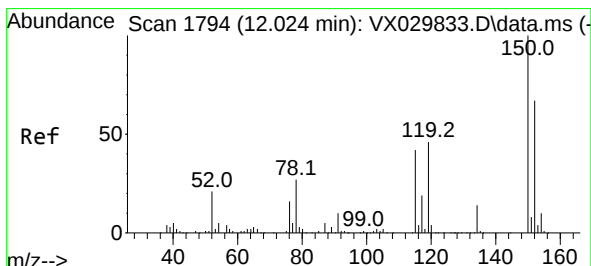
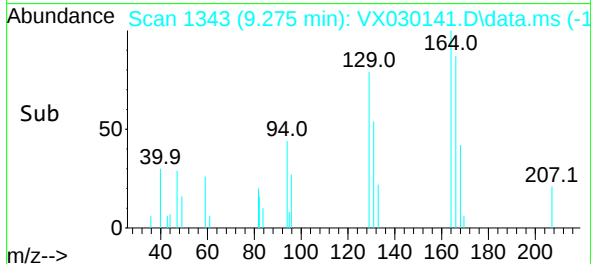
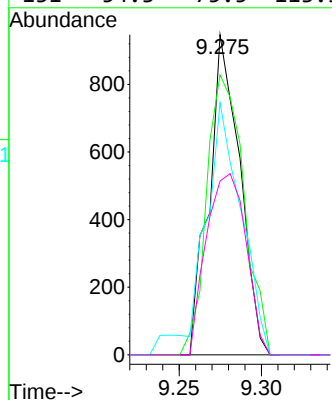
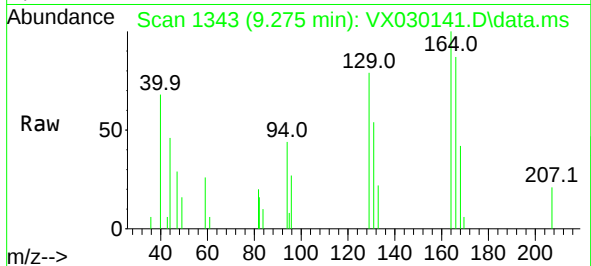




#64
Tetrachloroethene
Concen: 0.601 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030141.D
Acq: 20 Jul 2022 18:44

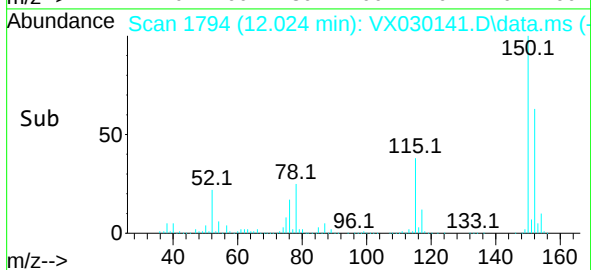
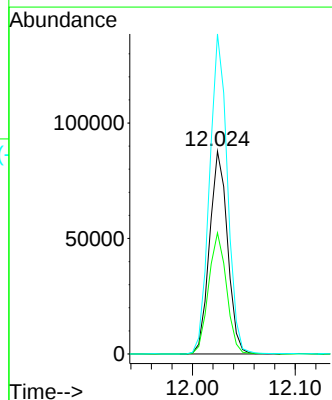
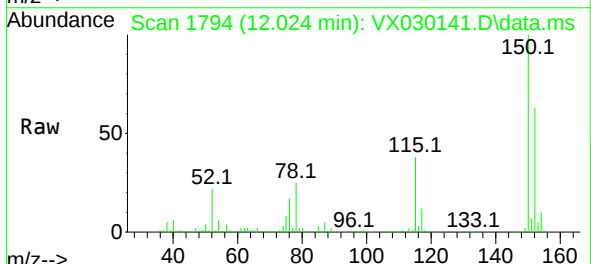
Instrument :
MSVOA_X
ClientSampleId :
AUD-1822

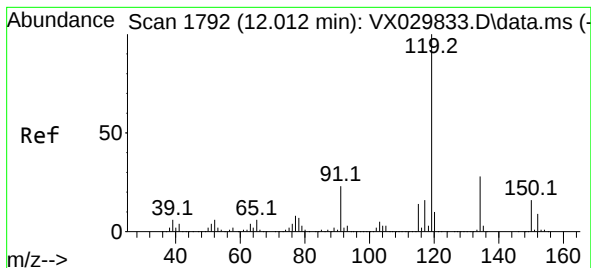
Tgt Ion:164	Resp:	1231
Ion	Ratio	Lower Upper
164	100	
166	87.4	98.2 147.4#
129	78.8	80.8 121.2#
131	54.3	75.5 113.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030141.D
Acq: 20 Jul 2022 18:44

Tgt Ion:152	Resp:	106590
Ion	Ratio	Lower Upper
152	100	
115	59.7	40.5 121.5
150	156.7	0.0 347.0





#86

p-Isopropyltoluene

Concen: 0.279 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX030141.D

Acq: 20 Jul 2022 18:44

Instrument :

MSVOA_X

ClientSampleId :

AUD-1822

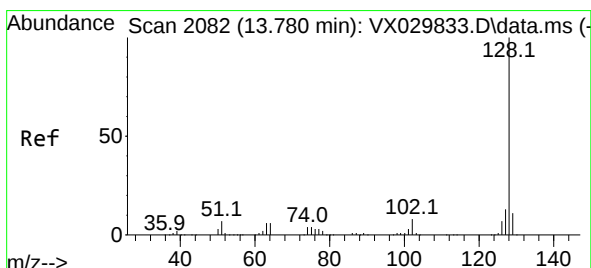
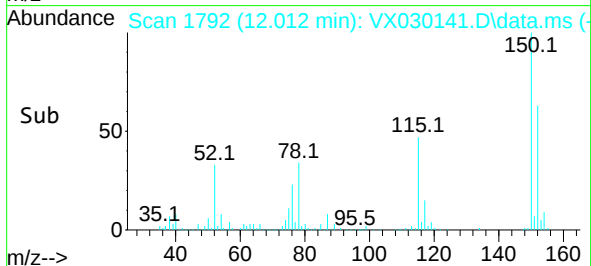
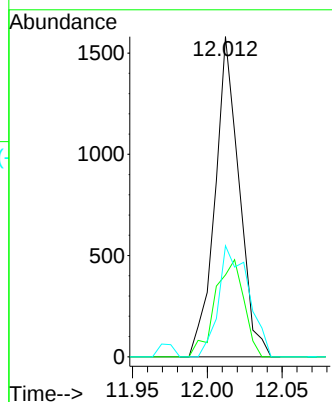
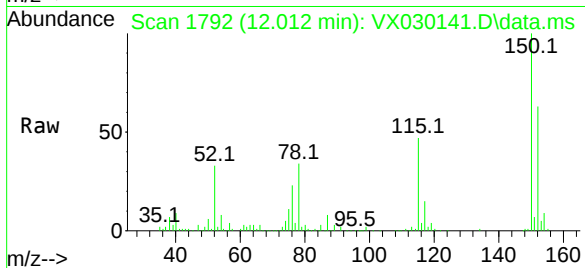
Tgt Ion:119 Resp: 1776

Ion Ratio Lower Upper

119 100

134 36.0 13.9 41.6

91 43.1 11.8 35.3#



#95

Naphthalene

Concen: 0.465 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX030141.D

Acq: 20 Jul 2022 18:44

Tgt Ion:128 Resp: 3948

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 9.9 8.6 13.0

