

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030149.D
 Acq On : 20 Jul 2022 21:53
 Operator : JC/MD
 Sample : N3760-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1821

Quant Time: Jul 21 03:34:37 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

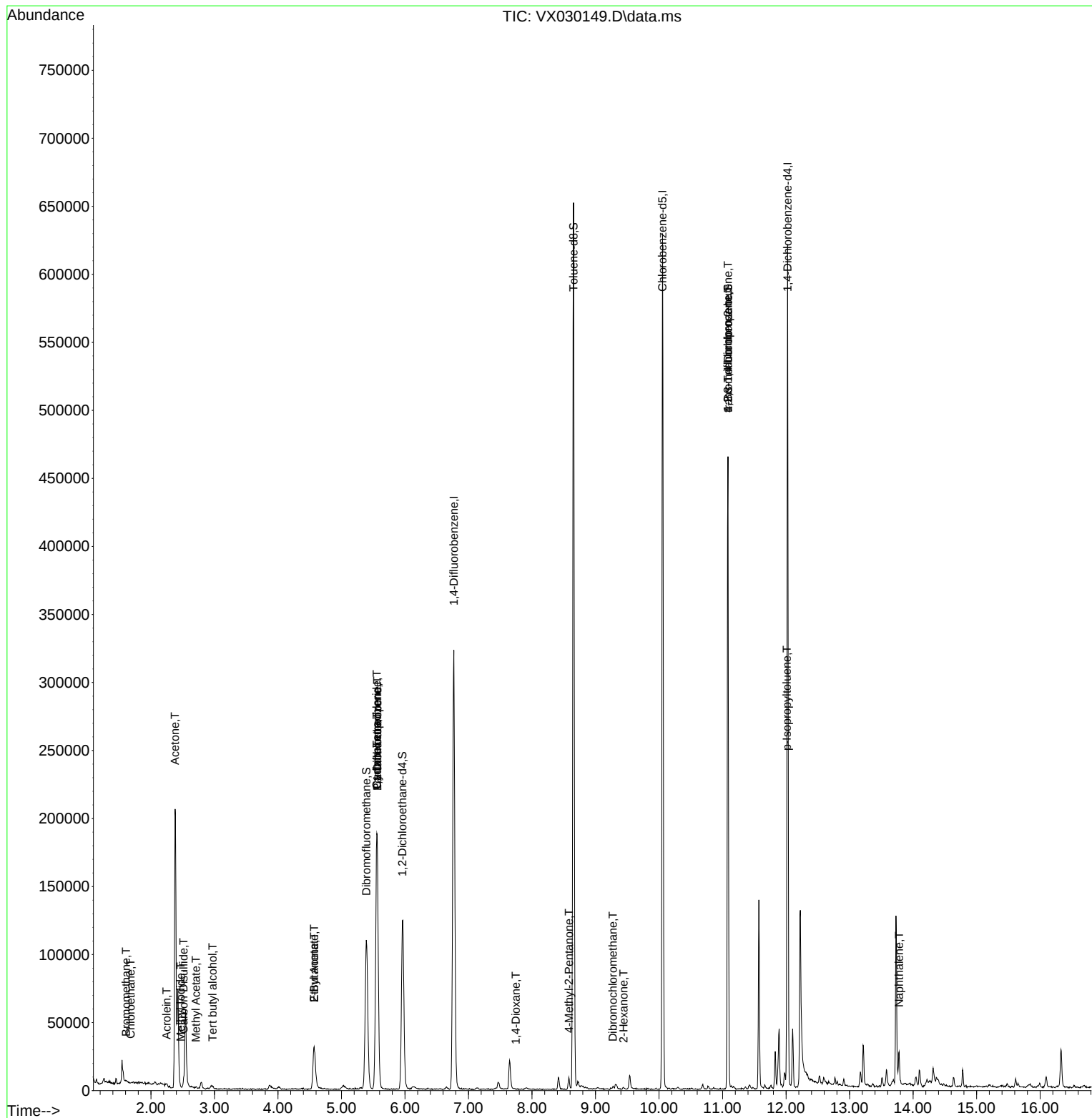
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	176306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	325269	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	282309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	117301	54.661	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.320%	
35) Dibromofluoromethane	5.391	113	96850	46.609	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.220%	
50) Toluene-d8	8.653	98	376396	48.163	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.320%	
62) 4-Bromofluorobenzene	11.085	95	124131	45.770	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.540%	
Target Compounds						Qvalue
5) Bromomethane	1.605	94	425	0.490	ug/l #	62
6) Chloroethane	1.679	64	296	0.258	ug/l #	41
10) Methyl Iodide	2.465	142	313	2.577	ug/l #	72
11) Tert butyl alcohol	2.971	59	2707	4.888	ug/l #	80
13) Acrolein	2.246	56	592	5.367	ug/l	88
16) Acetone	2.380	43	214061	211.692	ug/l	93
17) Carbon Disulfide	2.514	76	9193	1.463	ug/l	98
18) Methyl Acetate	2.709	43	1114	0.362	ug/l	91
20) Methylene Chloride	2.794	84	2154	Below Cal	#	88
25) 2-Butanone	4.568	43	54958	31.906	ug/l	94
31) Cyclohexane	5.556	56	4392	1.412	ug/l #	19
36) 1,1-Dichloropropene	5.562	75	15040	5.604	ug/l #	47
37) Ethyl Acetate	4.568	43	54958	15.935	ug/l #	67
38) Carbon Tetrachloride	5.556	117	18266	7.298	ug/l #	16
49) 1,4-Dioxane	7.745	88	27	0.434	ug/l #	13
51) 4-Methyl-2-Pentanone	8.580	43	4967	1.447	ug/l	98
59) 2-Hexanone	9.439	43	1044	0.397	ug/l	93
60) Dibromochloromethane	9.275	129	494	0.229	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	62091	22.443	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	62091	64.771	ug/l #	13
86) p-Isopropyltoluene	12.012	119	3871	0.539	ug/l #	82
95) Naphthalene	13.780	128	6302	0.657	ug/l #	92

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
Data File : VX030149.D
Acq On : 20 Jul 2022 21:53
Operator : JC/MD
Sample : N3760-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
AUD-1821

Quant Time: Jul 21 03:34:37 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

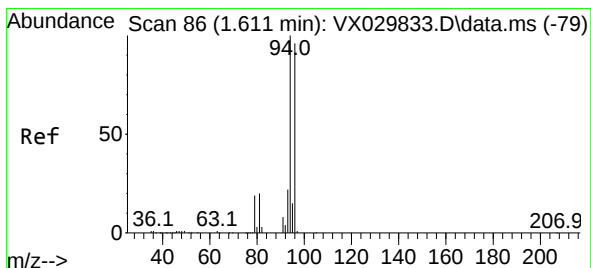
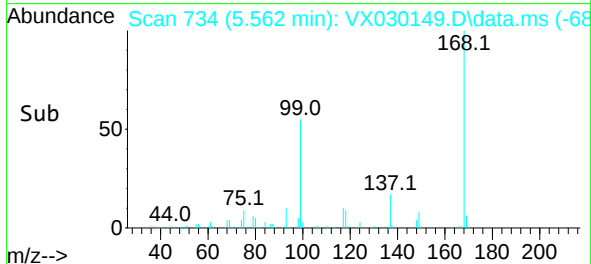
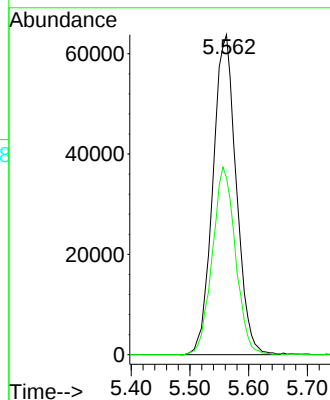
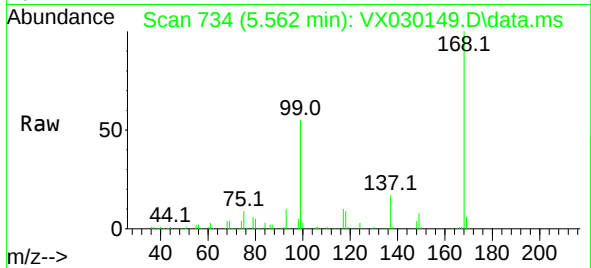




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030149.D
Acq: 20 Jul 2022 21:53

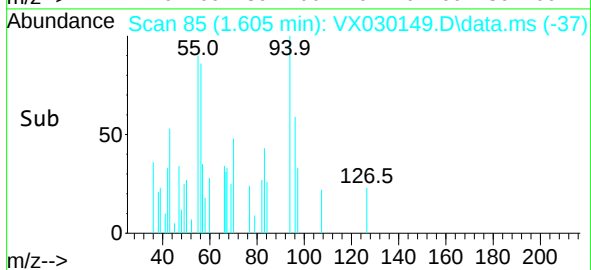
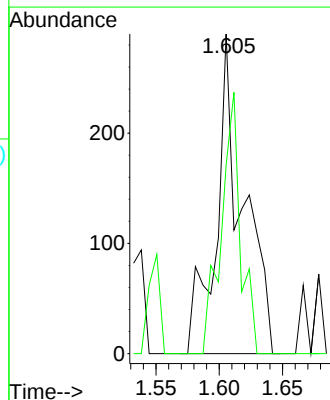
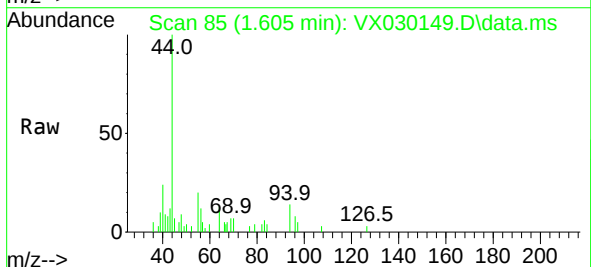
Instrument :
MSVOA_X
ClientSampleId :
AUD-1821

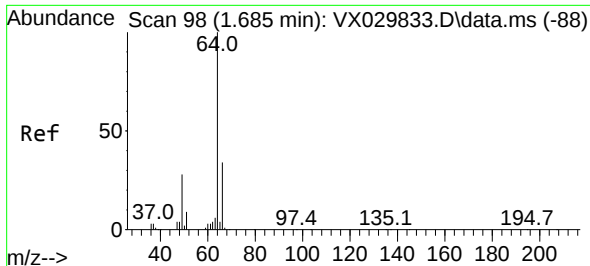
Tgt Ion:168 Resp: 176306
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#5
Bromomethane
Concen: 0.490 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.006 min
Lab File: VX030149.D
Acq: 20 Jul 2022 21:53

Tgt Ion: 94 Resp: 425
Ion Ratio Lower Upper
94 100
96 59.0 76.9 115.3#

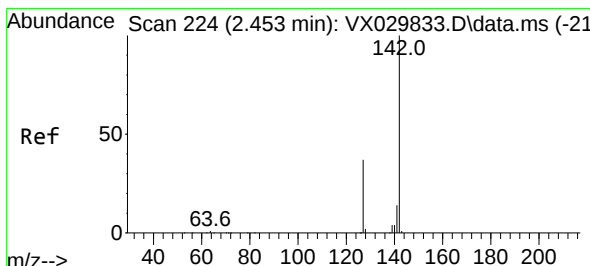
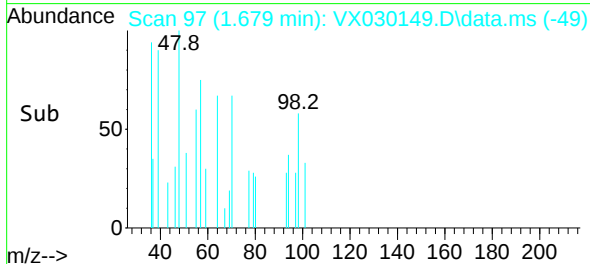
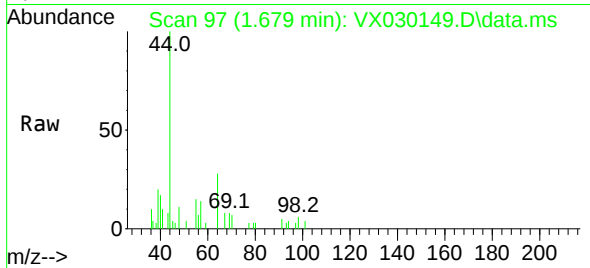




#6
Chloroethane
Concen: 0.258 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030149.D
Acq: 20 Jul 2022 21:53

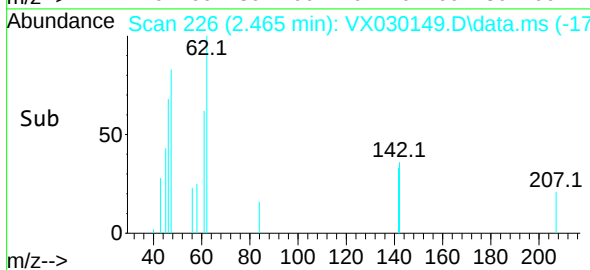
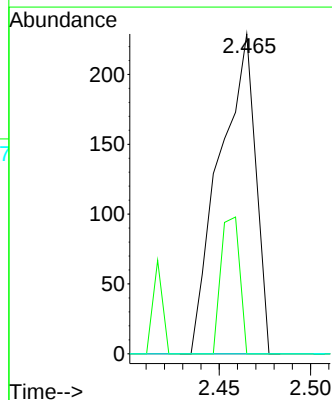
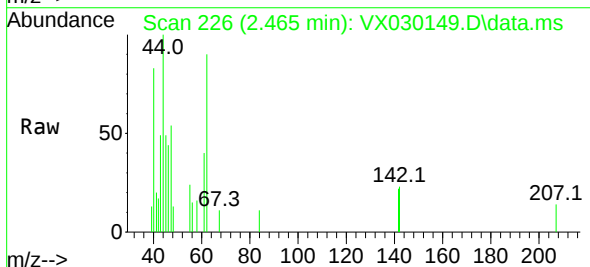
Instrument :
MSVOA_X
ClientSampleId :
AUD-1821

Tgt Ion: 64 Resp: 296
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 2.577 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX030149.D
Acq: 20 Jul 2022 21:53

Tgt Ion: 142 Resp: 313
Ion Ratio Lower Upper
142 100
127 22.4 30.2 45.2#
141 0.0 11.3 16.9#

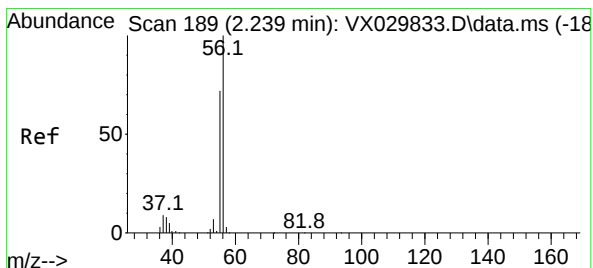
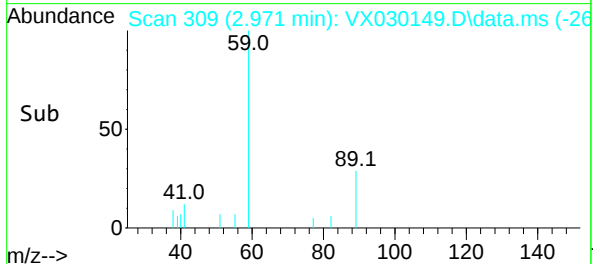
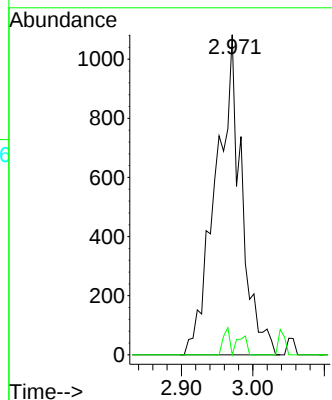
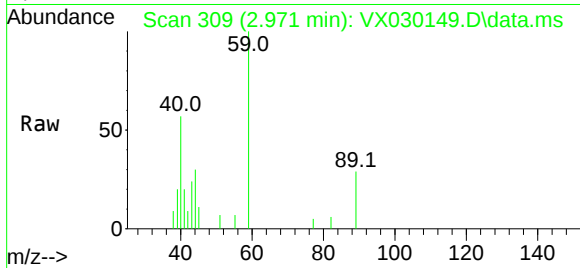




#11
Tert butyl alcohol
Concen: 4.888 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.024 min
Lab File: VX030149.D
Acq: 20 Jul 2022 21:53

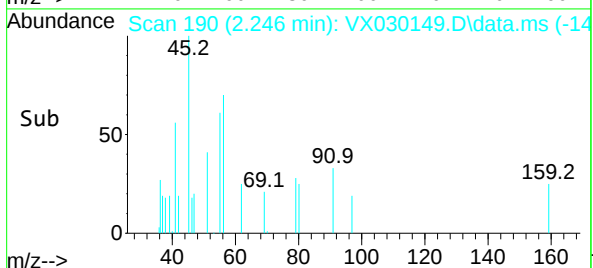
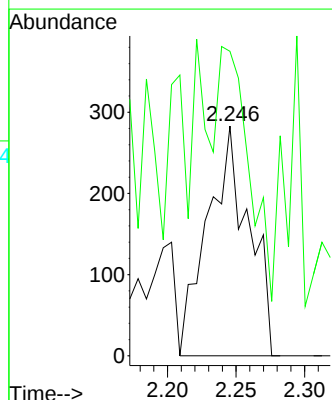
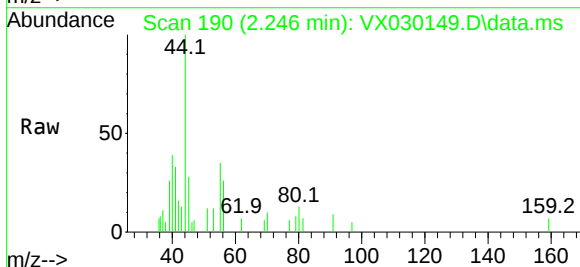
Instrument :
MSVOA_X
ClientSampleId :
AUD-1821

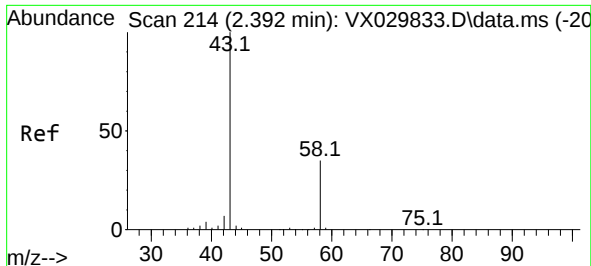
Tgt Ion: 59 Resp: 2707
Ion Ratio Lower Upper
59 100
57 2.1 7.4 11.2#



#13
Acrolein
Concen: 5.367 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX030149.D
Acq: 20 Jul 2022 21:53

Tgt Ion: 56 Resp: 592
Ion Ratio Lower Upper
56 100
55 80.6 56.6 84.8

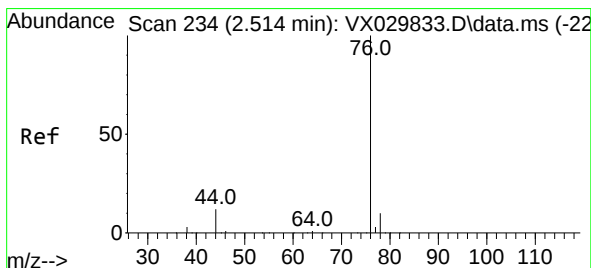
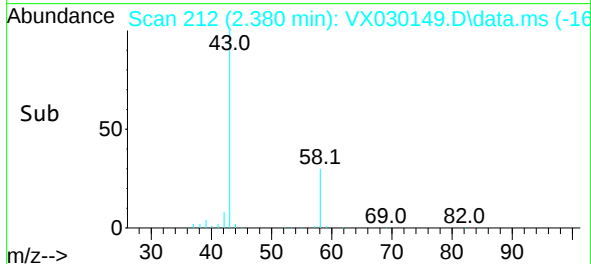
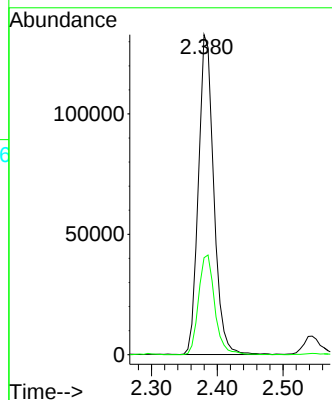
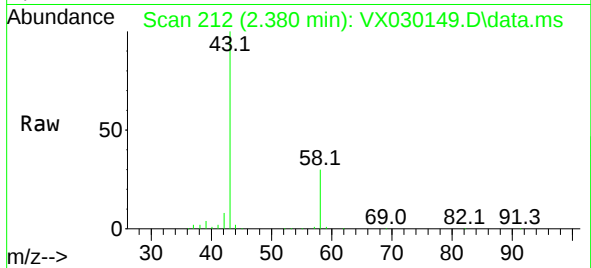




#16
Acetone
Concen: 211.692 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX030149.D
Acq: 20 Jul 2022 21:53

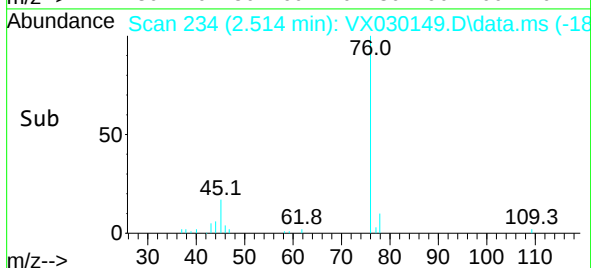
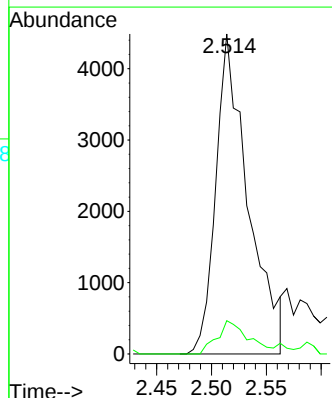
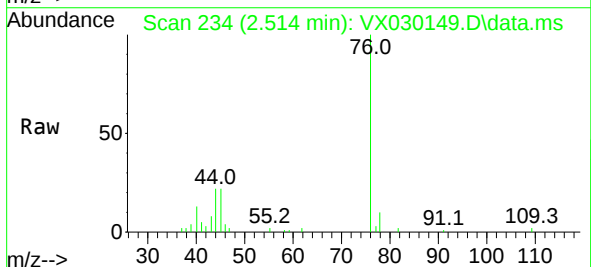
Instrument :
MSVOA_X
ClientSampleId :
AUD-1821

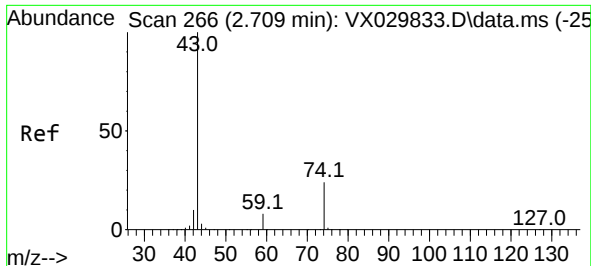
Tgt Ion: 43 Resp: 214061
Ion Ratio Lower Upper
43 100
58 30.3 27.7 41.5



#17
Carbon Disulfide
Concen: 1.463 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX030149.D
Acq: 20 Jul 2022 21:53

Tgt Ion: 76 Resp: 9193
Ion Ratio Lower Upper
76 100
78 10.4 7.8 11.6





#18

Methyl Acetate

Concen: 0.362 ug/l

RT: 2.709 min Scan# 2

Delta R.T. -0.000 min

Lab File: VX030149.D

Acq: 20 Jul 2022 21:53

Instrument :

MSVOA_X

ClientSampleId :

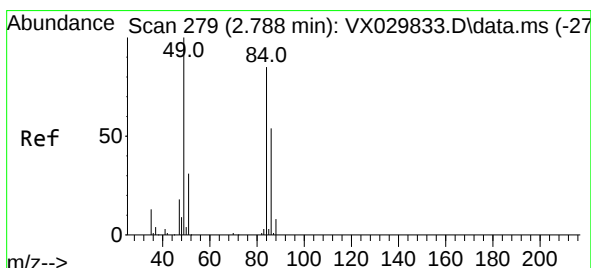
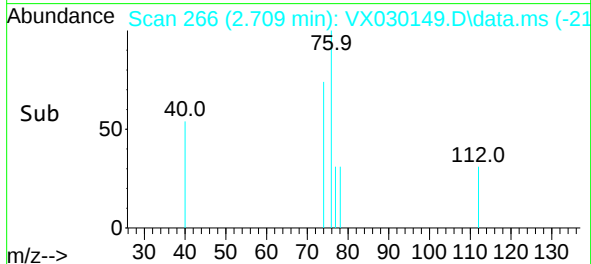
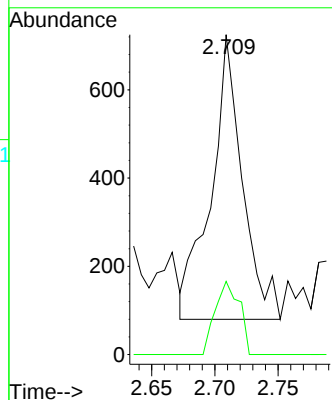
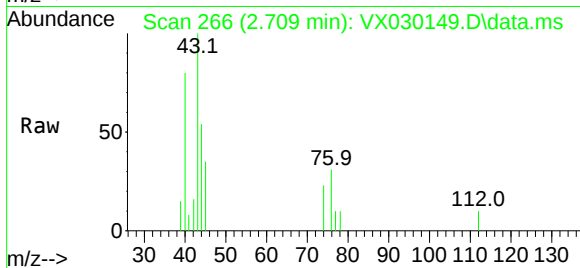
AUD-1821

Tgt Ion: 43 Resp: 1114

Ion Ratio Lower Upper

43 100

74 19.8 19.4 29.2



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX030149.D

Acq: 20 Jul 2022 21:53

Tgt Ion: 84 Resp: 2154

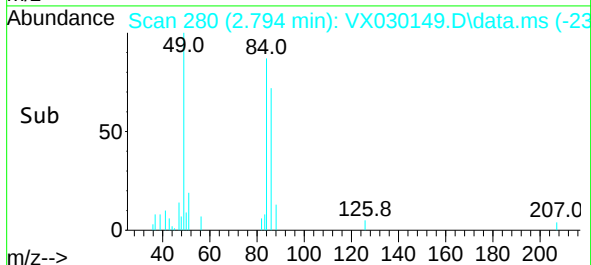
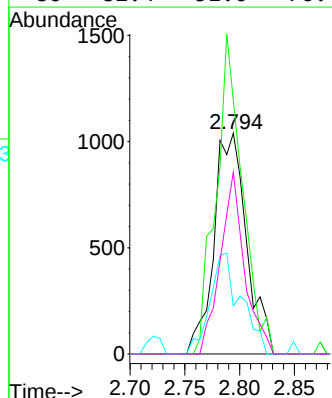
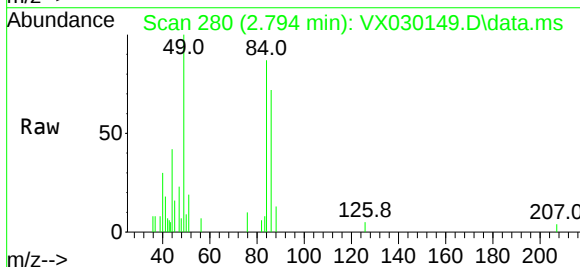
Ion Ratio Lower Upper

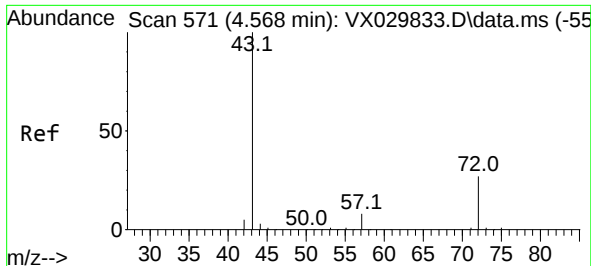
84 100

49 114.9 93.8 140.6

51 21.8 29.4 44.0#

86 82.4 51.0 76.4#

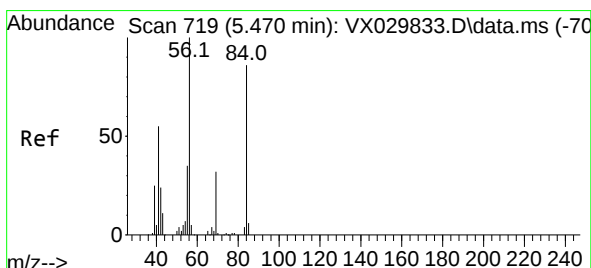
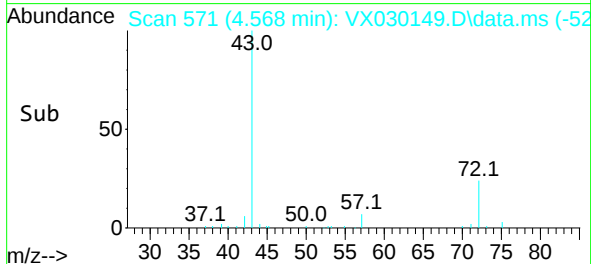
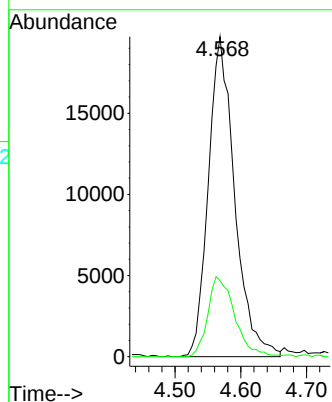
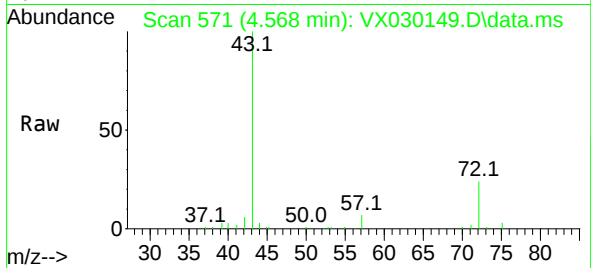




#25
2-Butanone
Concen: 31.906 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX030149.D
Acq: 20 Jul 2022 21:53

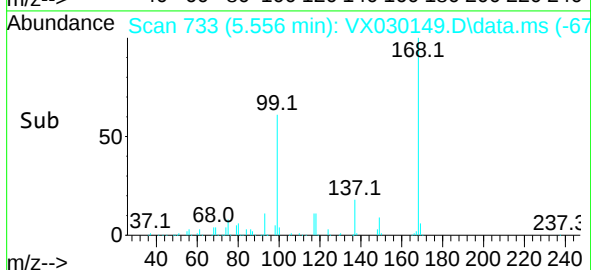
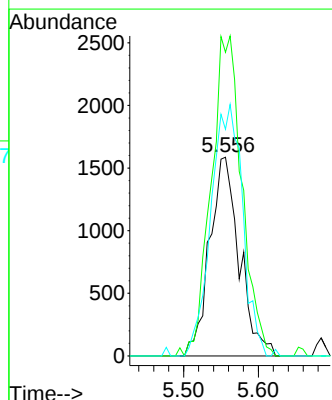
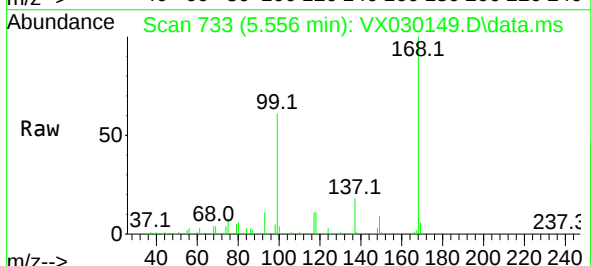
Instrument :
MSVOA_X
ClientSampleId :
AUD-1821

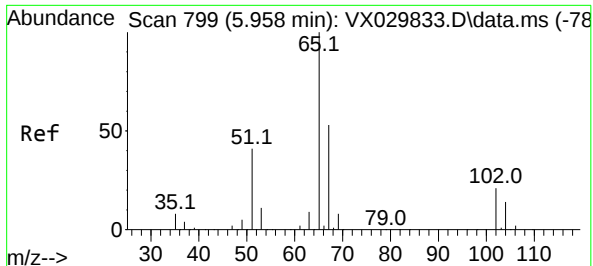
Tgt Ion: 43 Resp: 54958
Ion Ratio Lower Upper
43 100
72 23.7 21.7 32.5



#31
Cyclohexane
Concen: 1.412 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX030149.D
Acq: 20 Jul 2022 21:53

Tgt Ion: 56 Resp: 4392
Ion Ratio Lower Upper
56 100
69 152.9 25.4 38.0#
84 114.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.661 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030149.D

Acq: 20 Jul 2022 21:53

Instrument :

MSVOA_X

ClientSampleId :

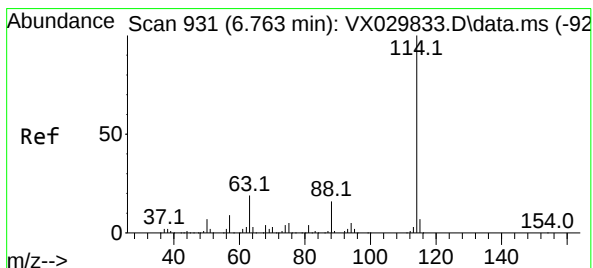
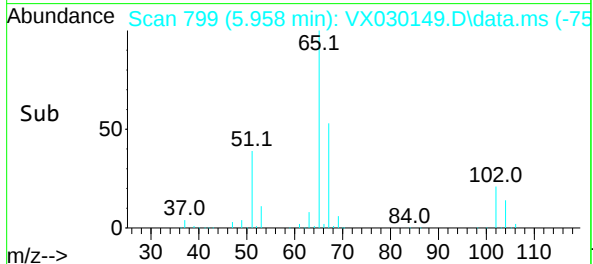
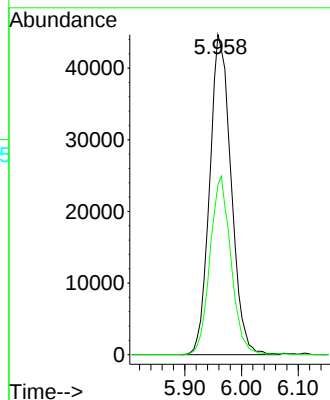
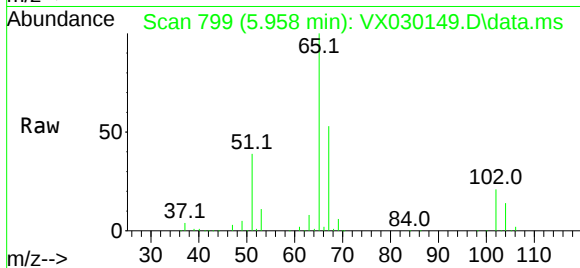
AUD-1821

Tgt Ion: 65 Resp: 117301

Ion Ratio Lower Upper

65 100

67 54.4 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: VX030149.D

Acq: 20 Jul 2022 21:53

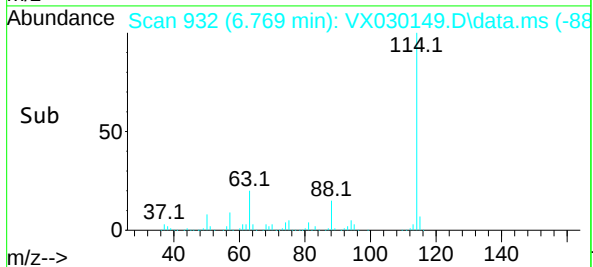
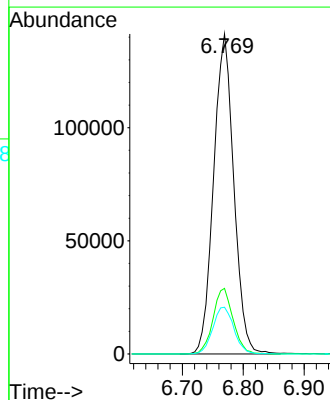
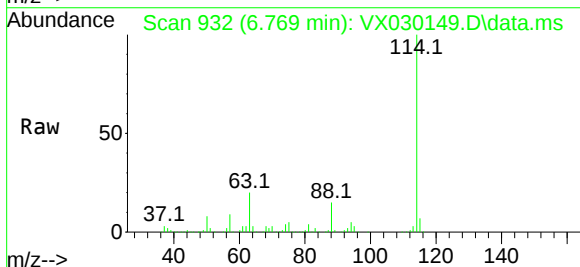
Tgt Ion: 114 Resp: 325269

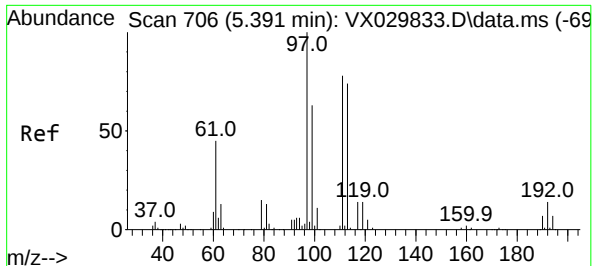
Ion Ratio Lower Upper

114 100

63 20.5 0.0 38.4

88 14.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.609 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030149.D

Acq: 20 Jul 2022 21:53

Instrument :

MSVOA_X

ClientSampleId :

AUD-1821

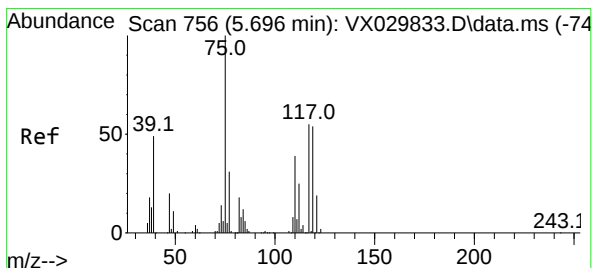
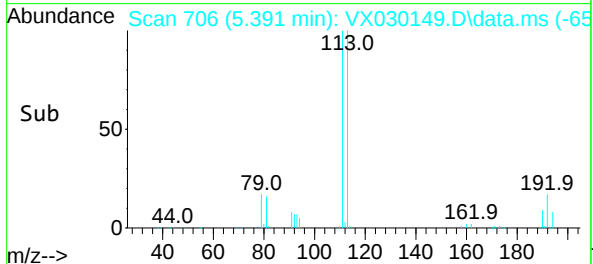
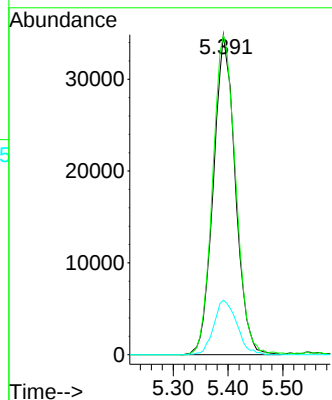
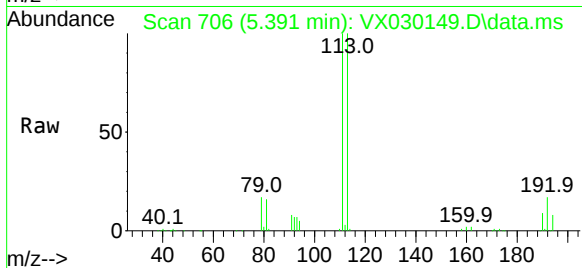
Tgt Ion:113 Resp: 96850

Ion Ratio Lower Upper

113 100

111 104.4 83.2 124.8

192 17.9 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.604 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030149.D

Acq: 20 Jul 2022 21:53

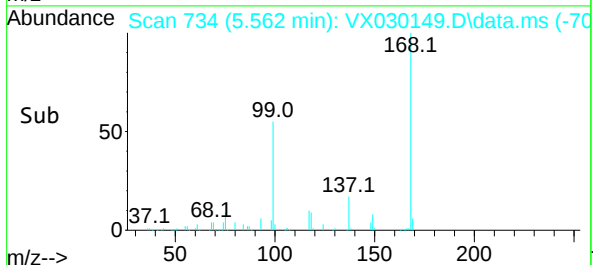
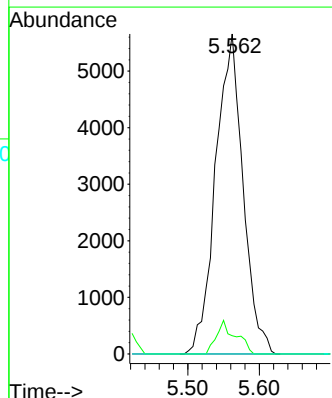
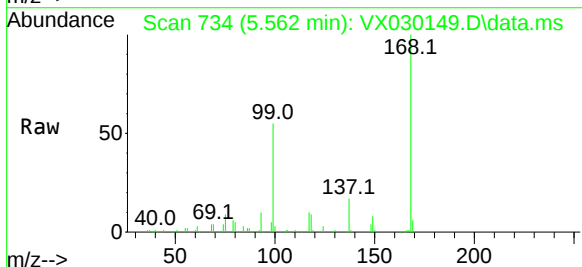
Tgt Ion: 75 Resp: 15040

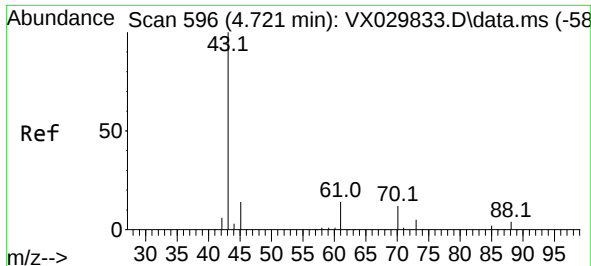
Ion Ratio Lower Upper

75 100

110 7.3 19.3 57.9#

77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 15.935 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.153 min

Lab File: VX030149.D

Acq: 20 Jul 2022 21:53

Instrument :

MSVOA_X

ClientSampleId :

AUD-1821

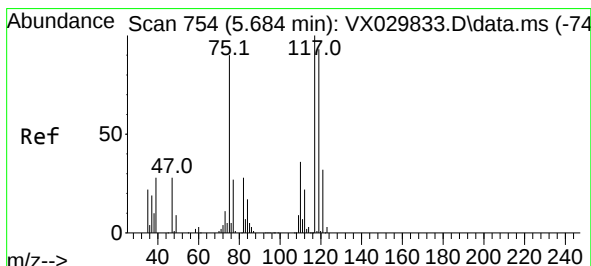
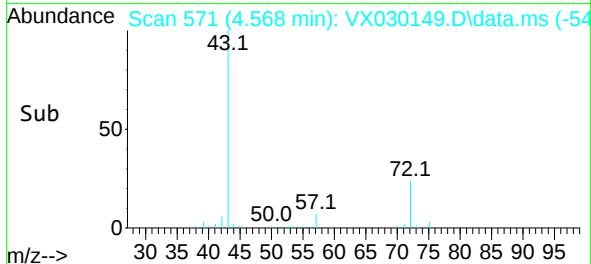
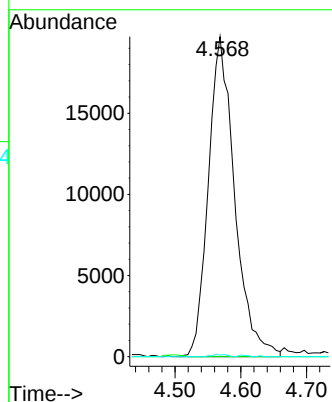
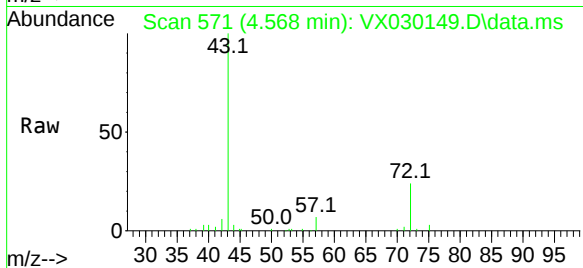
Tgt Ion: 43 Resp: 54958

Ion Ratio Lower Upper

43 100

61 0.0 11.7 17.5#

70 0.4 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 7.298 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX030149.D

Acq: 20 Jul 2022 21:53

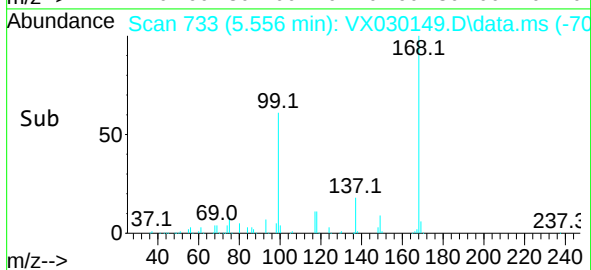
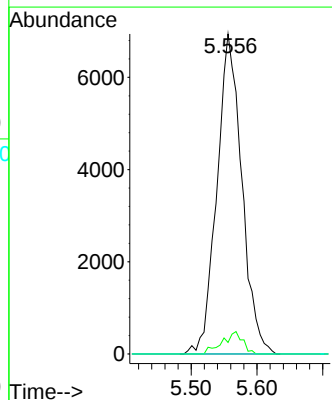
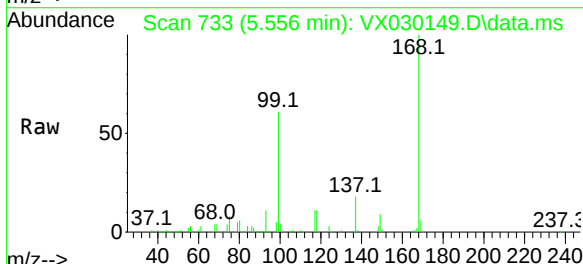
Tgt Ion: 117 Resp: 18266

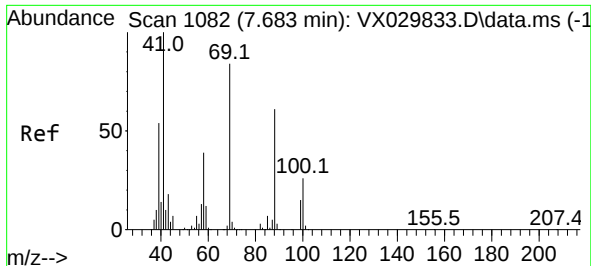
Ion Ratio Lower Upper

117 100

119 3.6 74.1 111.1#

121 0.0 25.8 38.8#





#49

1,4-Dioxane

Concen: 0.434 ug/l

RT: 7.745 min Scan# 1092

Delta R.T. 0.062 min

Lab File: VX030149.D

Acq: 20 Jul 2022 21:53

Instrument :

MSVOA_X

ClientSampleId :

AUD-1821

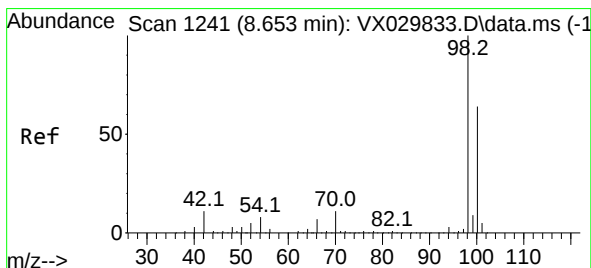
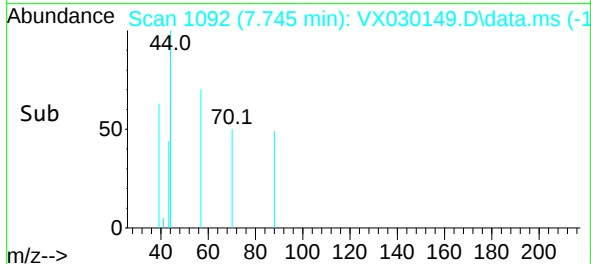
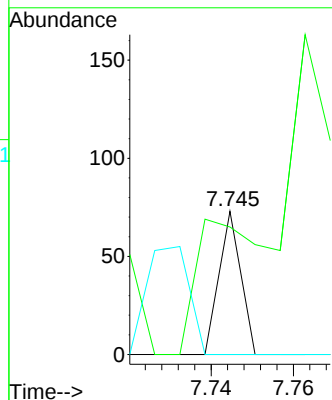
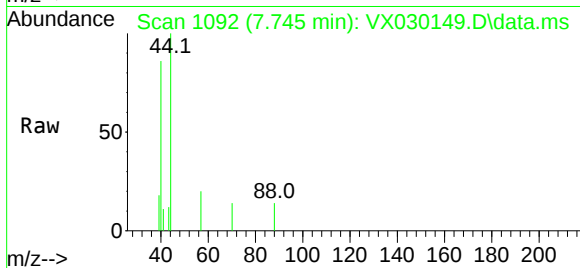
Tgt Ion: 88 Resp: 27

Ion Ratio Lower Upper

88 100

43 0.0 23.8 35.8#

58 148.1 53.8 80.6#



#50

Toluene-d8

Concen: 48.163 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030149.D

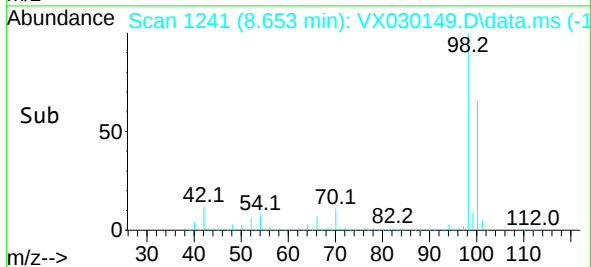
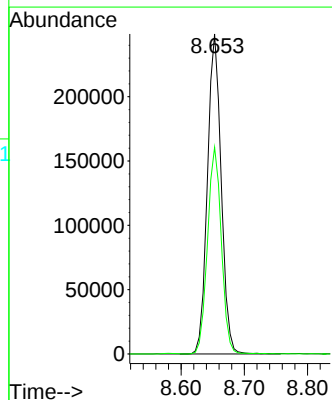
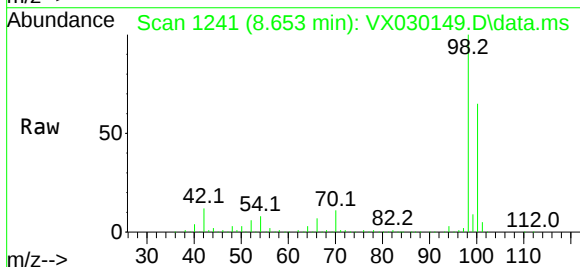
Acq: 20 Jul 2022 21:53

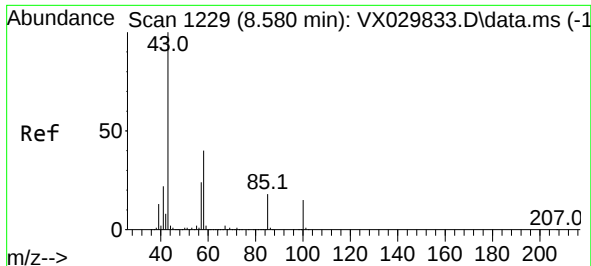
Tgt Ion: 98 Resp: 376396

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 1.447 ug/l

RT: 8.580 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030149.D

Acq: 20 Jul 2022 21:53

Instrument :

MSVOA_X

ClientSampleId :

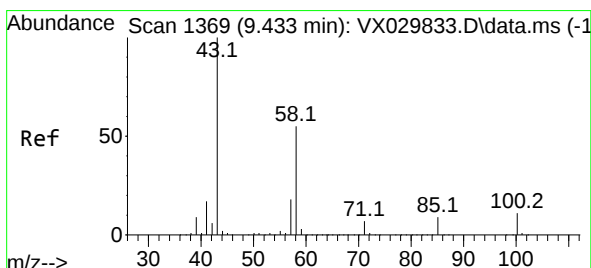
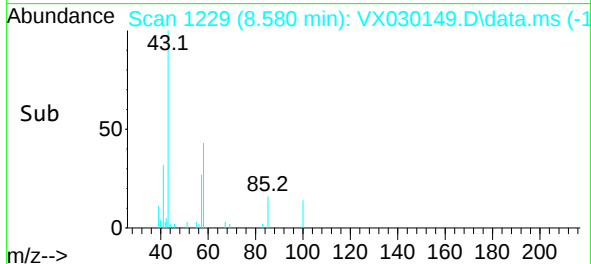
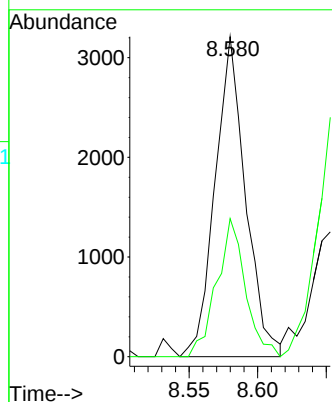
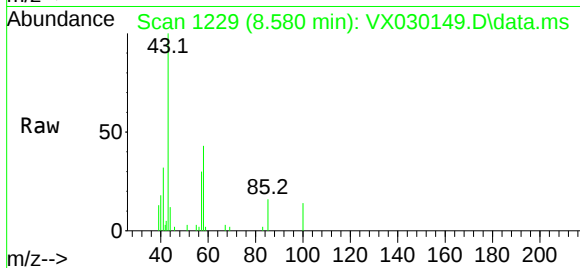
AUD-1821

Tgt Ion: 43 Resp: 4967

Ion Ratio Lower Upper

43 100

58 40.7 31.4 47.2



#59

2-Hexanone

Concen: 0.397 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VX030149.D

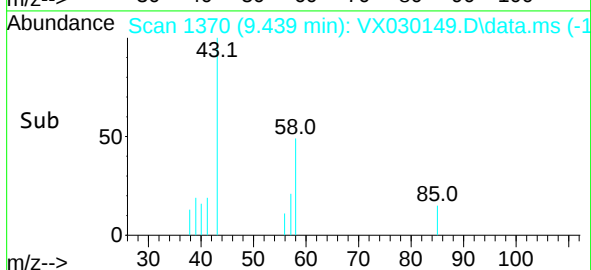
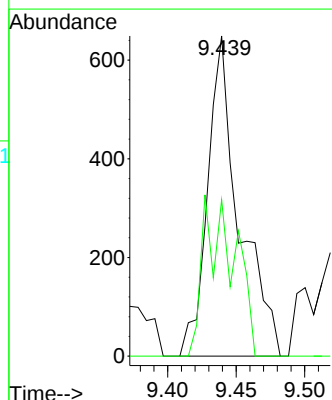
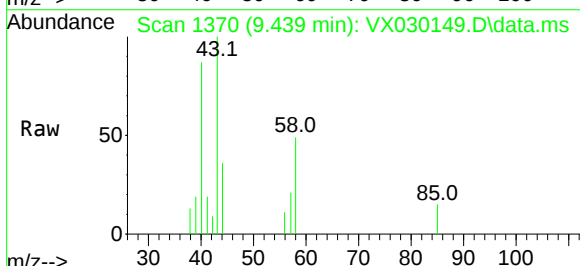
Acq: 20 Jul 2022 21:53

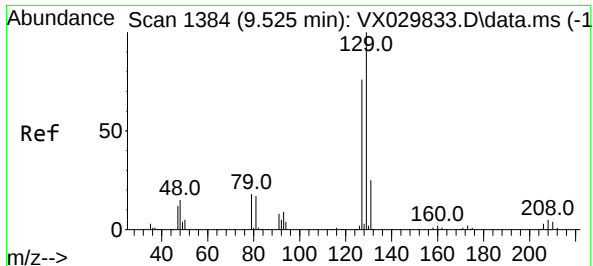
Tgt Ion: 43 Resp: 1044

Ion Ratio Lower Upper

43 100

58 49.9 27.6 82.8

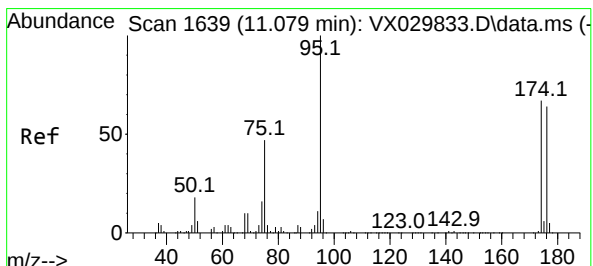
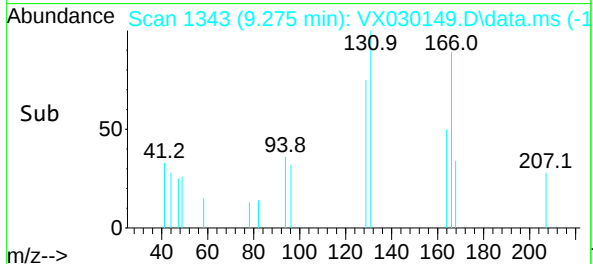
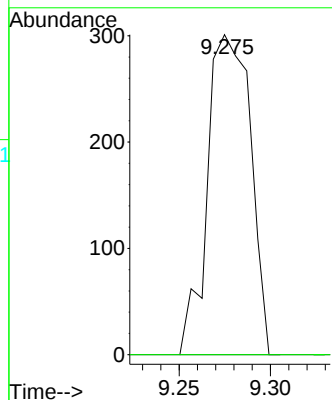
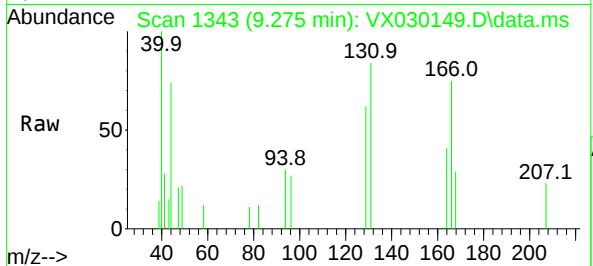




#60
Dibromochloromethane
Concen: 0.229 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX030149.D
Acq: 20 Jul 2022 21:53

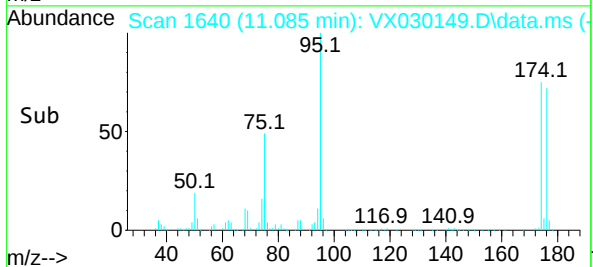
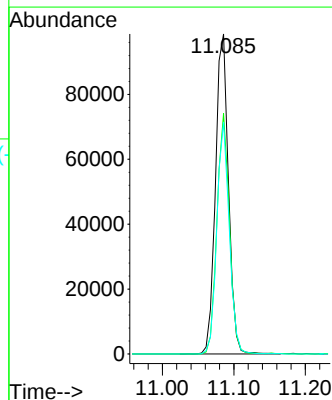
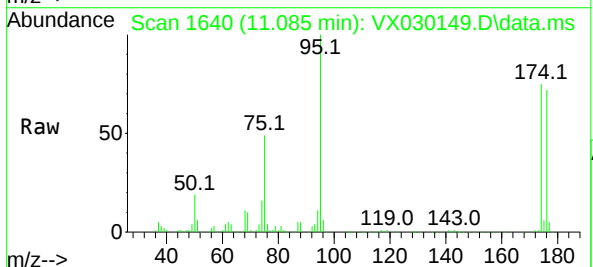
Instrument :
MSVOA_X
ClientSampleId :
AUD-1821

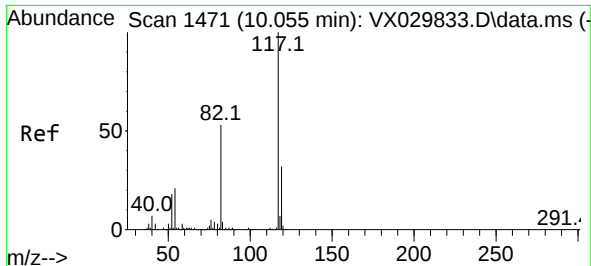
Tgt Ion:129 Resp: 494
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 45.770 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030149.D
Acq: 20 Jul 2022 21:53

Tgt Ion: 95 Resp: 124131
Ion Ratio Lower Upper
95 100
174 72.1 0.0 149.0
176 69.3 0.0 146.0

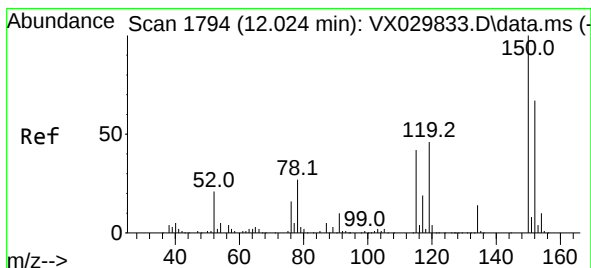
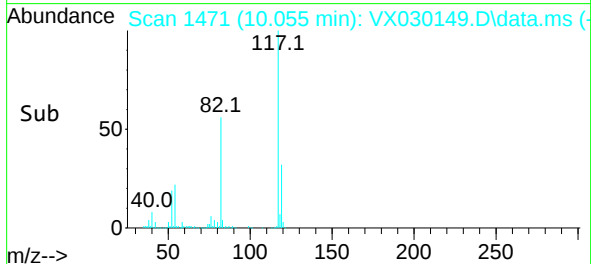
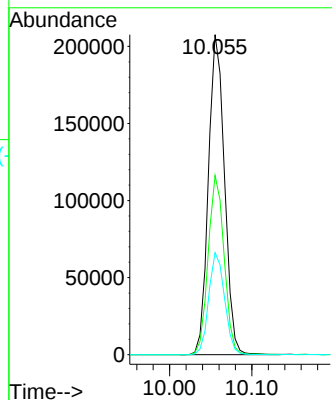
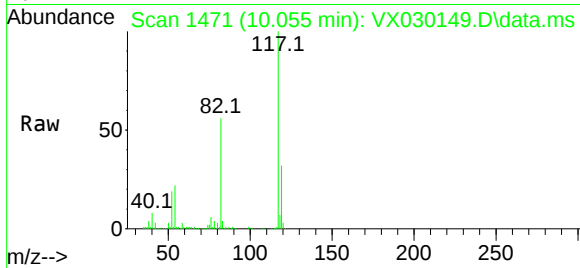




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030149.D
Acq: 20 Jul 2022 21:53

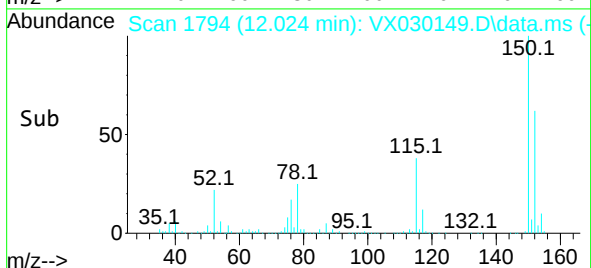
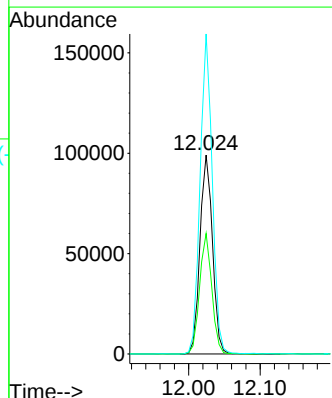
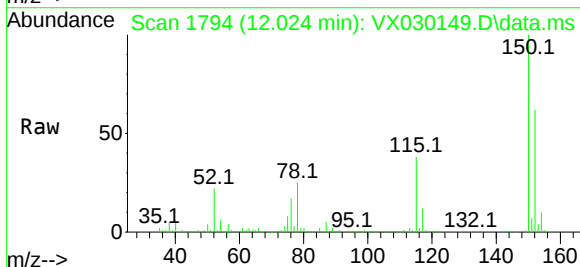
Instrument :
MSVOA_X
ClientSampleId :
AUD-1821

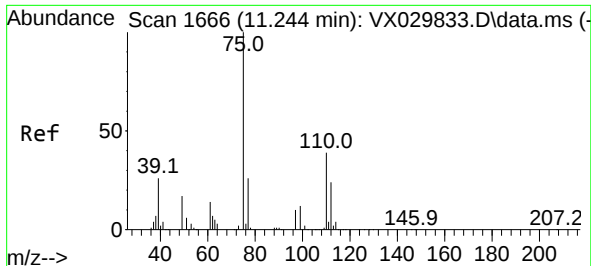
Tgt Ion:117 Resp: 282309
Ion Ratio Lower Upper
117 100
82 56.0 42.7 64.1
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030149.D
Acq: 20 Jul 2022 21:53

Tgt Ion:152 Resp: 120326
Ion Ratio Lower Upper
152 100
115 59.0 40.5 121.5
150 155.9 0.0 347.0

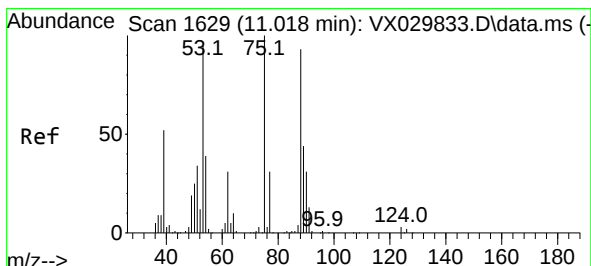
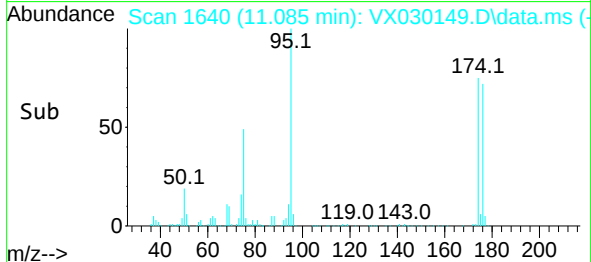
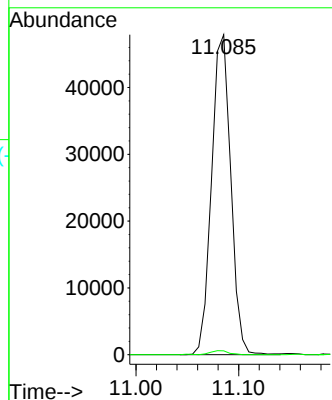
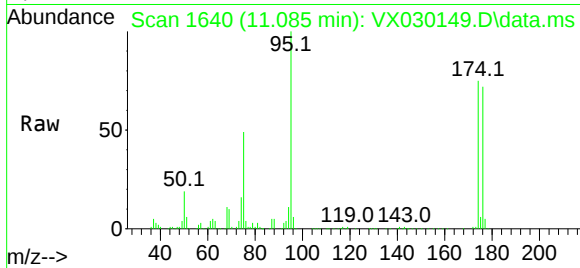




#76
1,2,3-Trichloropropane
Concen: 22.443 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030149.D
Acq: 20 Jul 2022 21:53

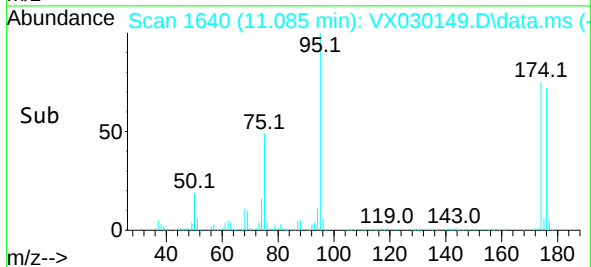
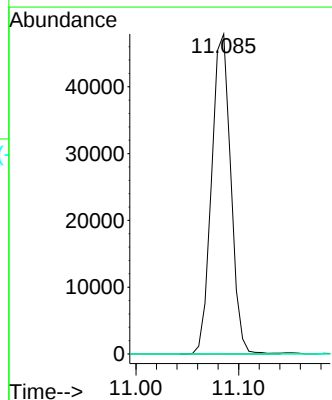
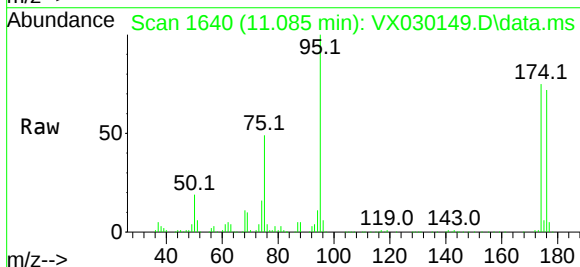
Instrument :
MSVOA_X
ClientSampleId :
AUD-1821

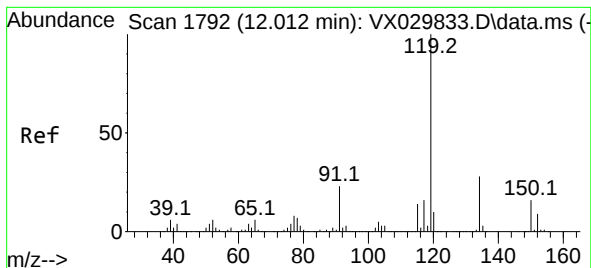
Tgt Ion: 75 Resp: 62091
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.771 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030149.D
Acq: 20 Jul 2022 21:53

Tgt Ion: 75 Resp: 62091
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.8 52.2#





#86

p-Isopropyltoluene

Concen: 0.539 ug/l

RT: 12.012 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030149.D

Acq: 20 Jul 2022 21:53

Instrument :

MSVOA_X

ClientSampleId :

AUD-1821

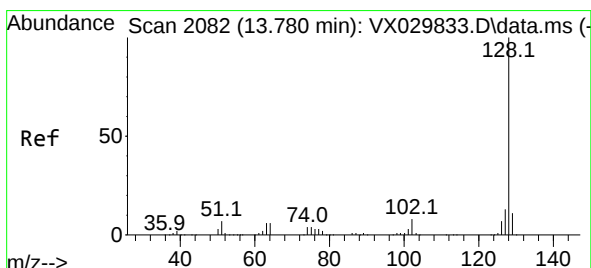
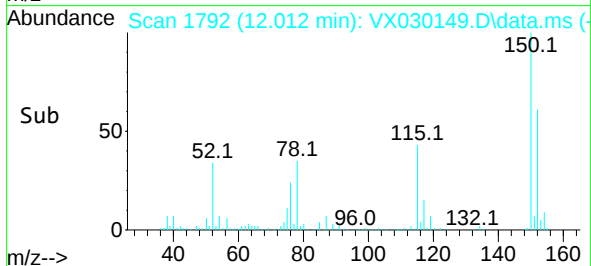
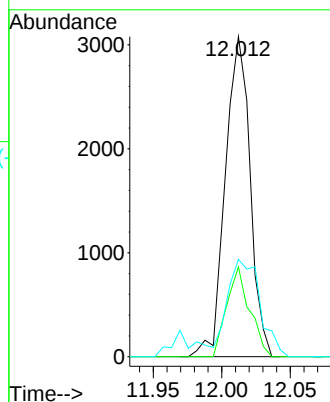
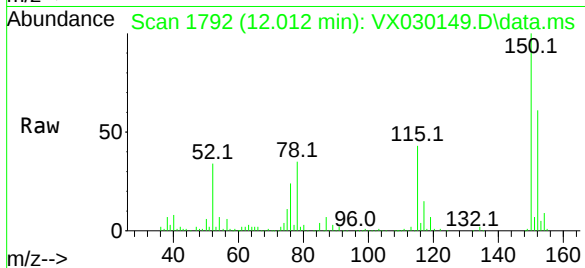
Tgt Ion:119 Resp: 3871

Ion Ratio Lower Upper

119 100

134 25.9 13.9 41.6

91 40.8 11.8 35.3#



#95

Naphthalene

Concen: 0.657 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX030149.D

Acq: 20 Jul 2022 21:53

Tgt Ion:128 Resp: 6302

Ion Ratio Lower Upper

128 100

127 15.3 10.2 15.2#

129 14.1 8.6 13.0#

