

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035720.D
 Acq On : 17 May 2023 16:00
 Operator : JC/MD
 Sample : 02794-01
 Misc : 1.15g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1927

Quant Time: May 18 04:42:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

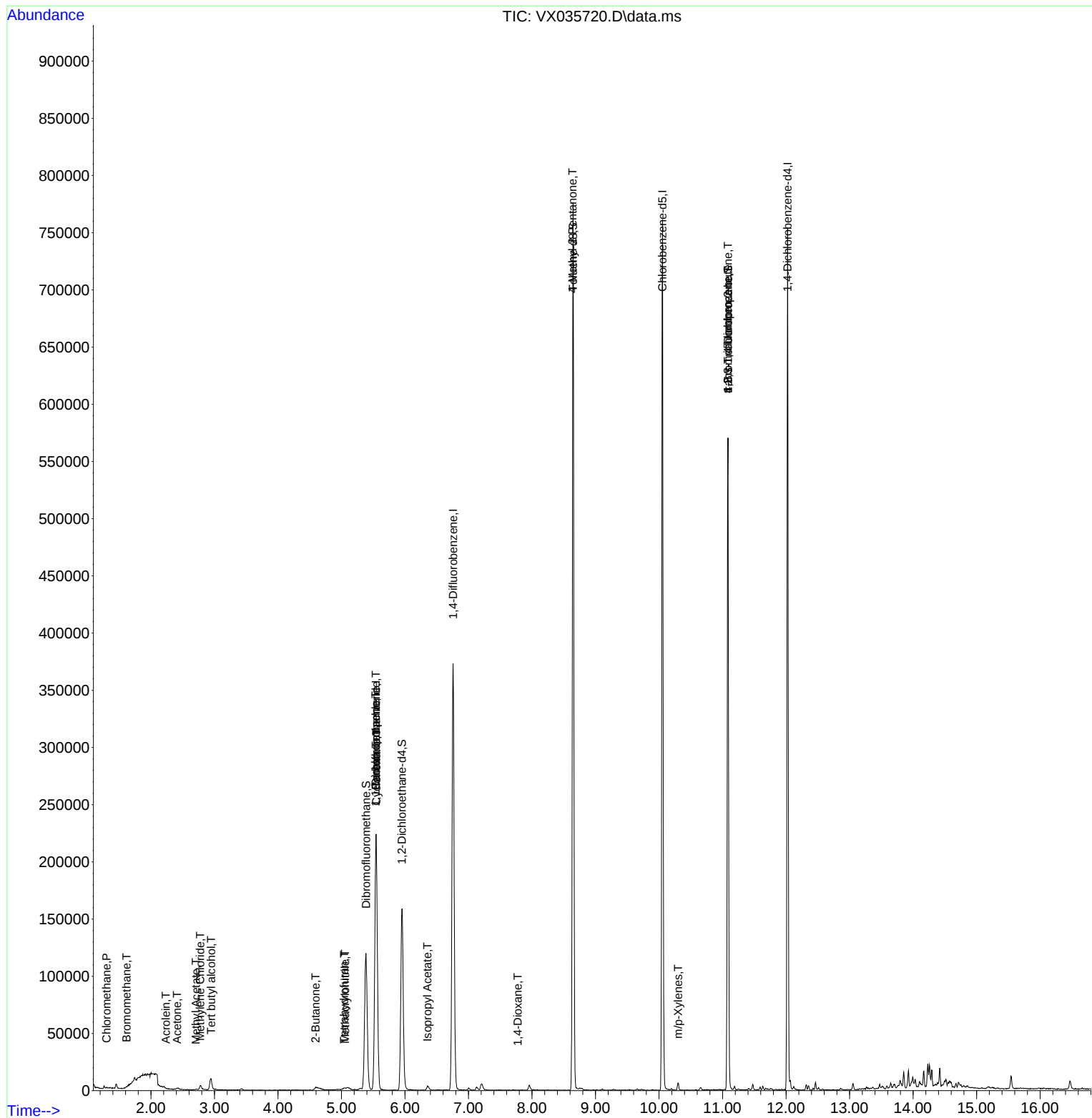
Internal Standards						
1) Pentafluorobenzene	5.544	168	188765	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	353065	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	326076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	162445	49.329	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.660%		
35) Dibromofluoromethane	5.385	113	104334	43.818	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.640%		
50) Toluene-d8	8.647	98	432653	49.186	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.380%		
62) 4-Bromofluorobenzene	11.085	95	171317	48.371	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.740%		
Target Compounds						Qvalue
3) Chloromethane	1.300	50	937	0.314	ug/l	# 81
5) Bromomethane	1.617	94	346	0.252	ug/l	# 54
11) Tert butyl alcohol	2.946	59	6920	11.911	ug/l	# 73
13) Acrolein	2.233	56	154	0.223	ug/l	# 73
16) Acetone	2.410	43	2313	1.634	ug/l	99
18) Methyl Acetate	2.709	43	1119	0.214	ug/l	# 85
20) Methylene Chloride	2.776	84	1899	0.740	ug/l	89
25) 2-Butanone	4.593	43	6321	3.226	ug/l	98
29) Tetrahydrofuran	5.044	42	1735	1.409	ug/l	# 84
31) Cyclohexane	5.550	56	5047	1.213	ug/l	# 31
36) 1,1-Dichloropropene	5.537	75	18827	5.009	ug/l	# 45
38) Carbon Tetrachloride	5.544	117	21910	6.154	ug/l	# 14
41) Methacrylonitrile	5.056	41	836	0.359	ug/l	# 44
43) Isopropyl Acetate	6.354	43	2056	0.301	ug/l	# 62
49) 1,4-Dioxane	7.775	88	24	2.322	ug/l	# 23
51) 4-Methyl-2-Pentanone	8.641	43	2420	0.614	ug/l	# 1
68) m/p-Xylenes	10.299	106	1412	0.285	ug/l	86
76) 1,2,3-Trichloropropane	11.085	75	93348	26.803	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.085	75	93348	86.382	ug/l	# 8

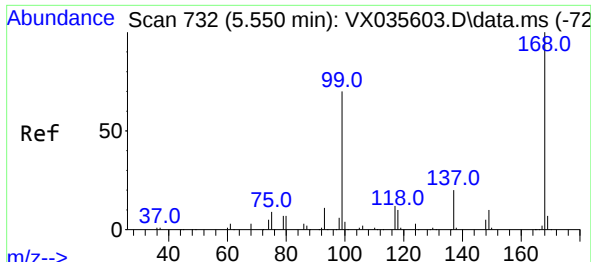
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

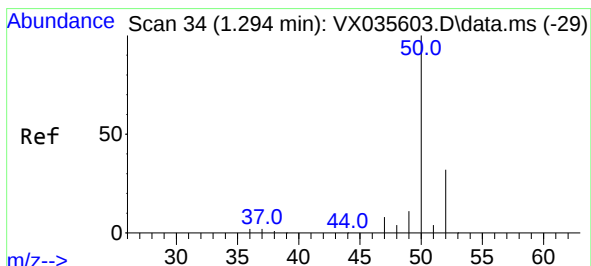
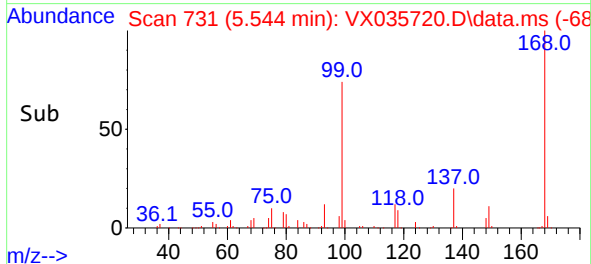
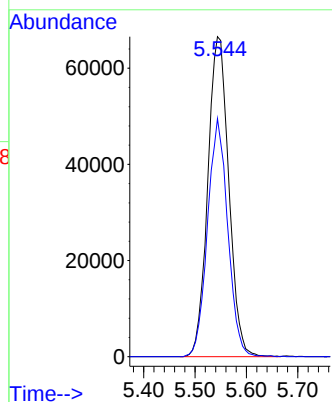
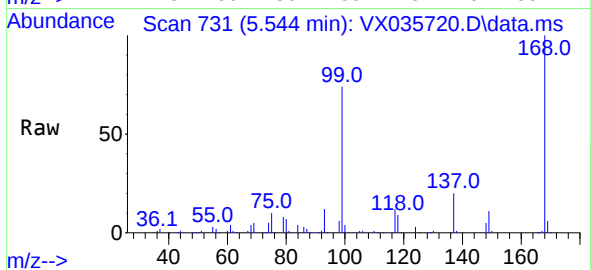




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

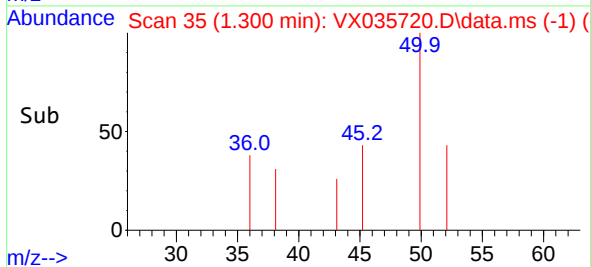
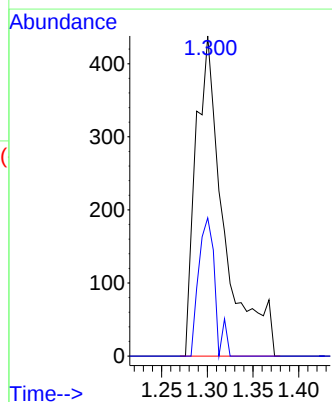
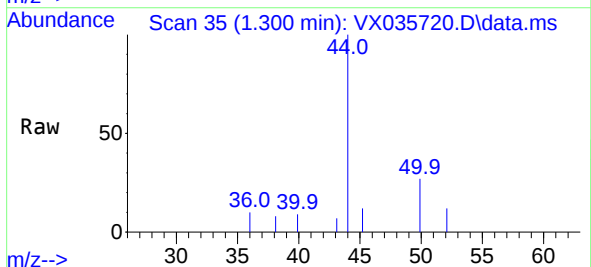
Instrument :
MSVOA_X
ClientSampleId :
AUD-1927

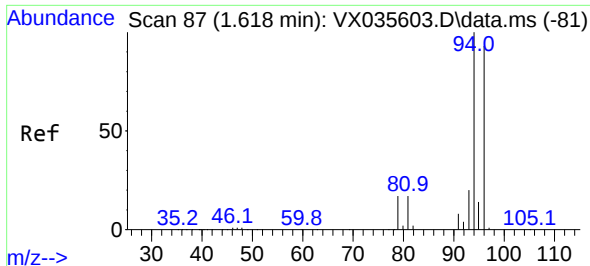
Tgt Ion:168 Resp: 188765
Ion Ratio Lower Upper
168 100
99 74.4 45.7 68.5#



#3
Chloromethane
Concen: 0.314 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

Tgt Ion: 50 Resp: 937
Ion Ratio Lower Upper
50 100
52 43.2 25.9 38.9#

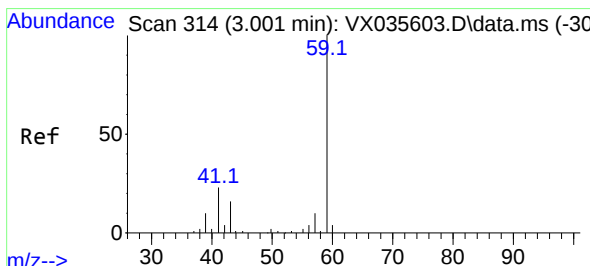
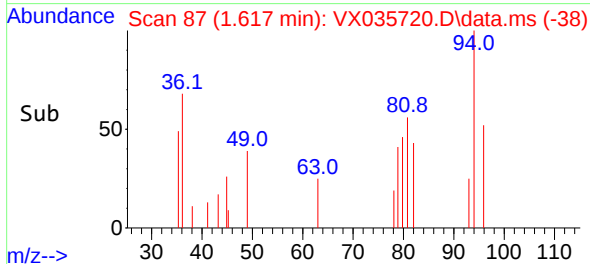
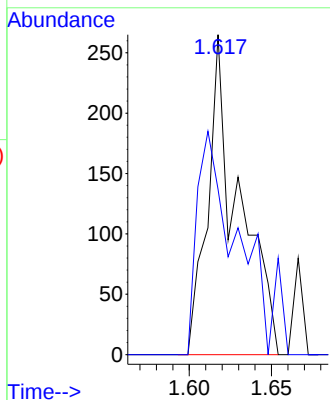
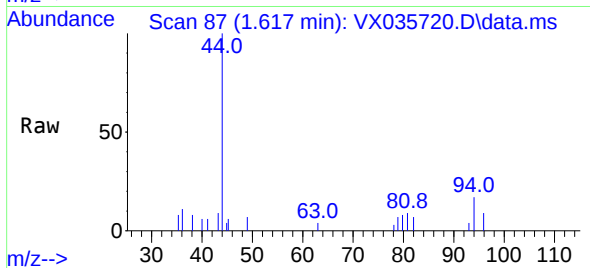




#5
Bromomethane
Concen: 0.252 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

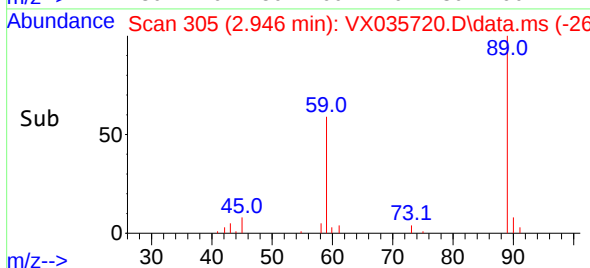
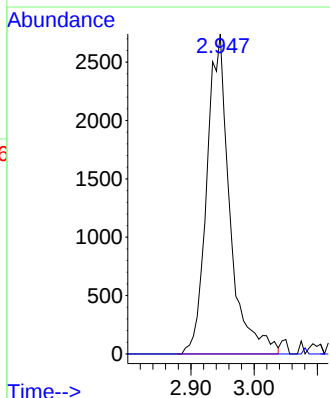
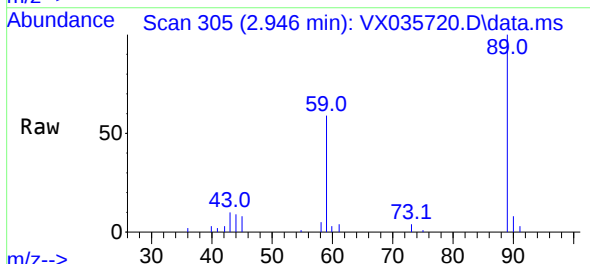
Instrument :
MSVOA_X
ClientSampleId :
AUD-1927

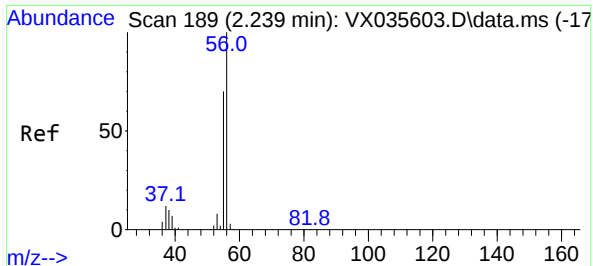
Tgt Ion: 94 Resp: 346
Ion Ratio Lower Upper
94 100
96 51.7 77.0 115.6#



#11
Tert butyl alcohol
Concen: 11.911 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.054 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

Tgt Ion: 59 Resp: 6920
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

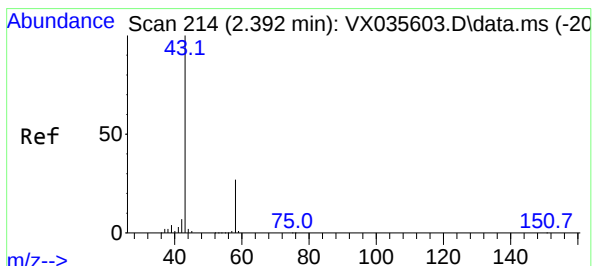
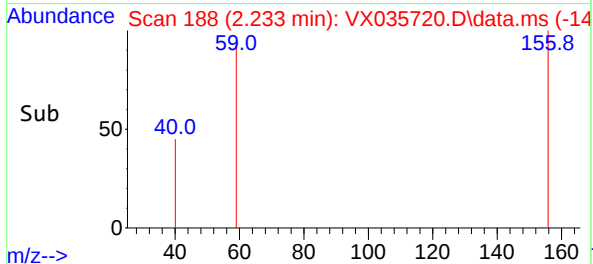
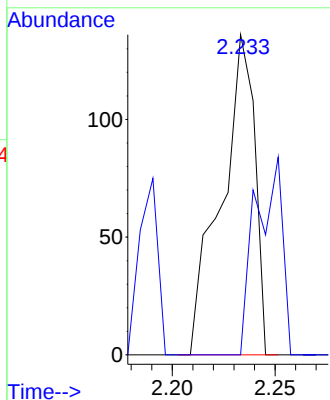
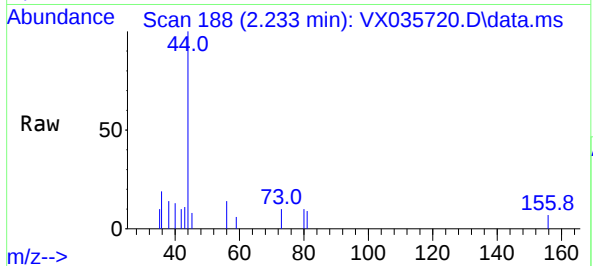




#13
Acrolein
Concen: 0.223 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

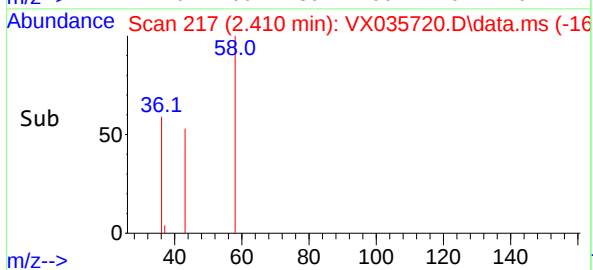
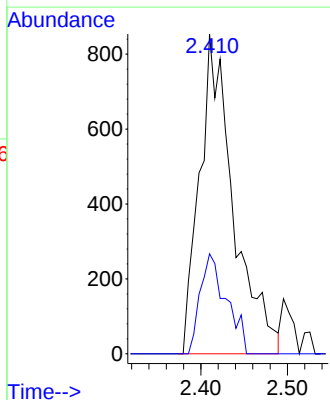
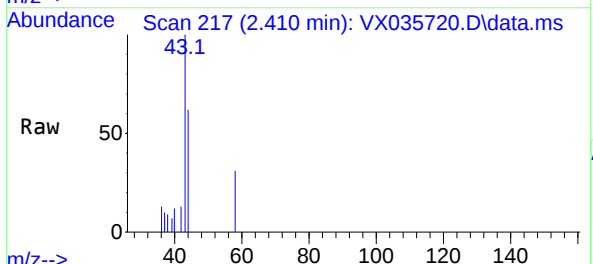
Instrument :
MSVOA_X
ClientSampleId :
AUD-1927

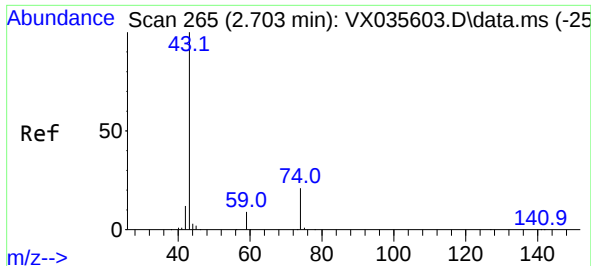
Tgt Ion: 56 Resp: 154
Ion Ratio Lower Upper
56 100
55 48.7 56.6 85.0#



#16
Acetone
Concen: 1.634 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.018 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

Tgt Ion: 43 Resp: 2313
Ion Ratio Lower Upper
43 100
58 31.3 24.7 37.1





#18

Methyl Acetate

Concen: 0.214 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX035720.D

Acq: 17 May 2023 16:00

Instrument :

MSVOA_X

ClientSampleId :

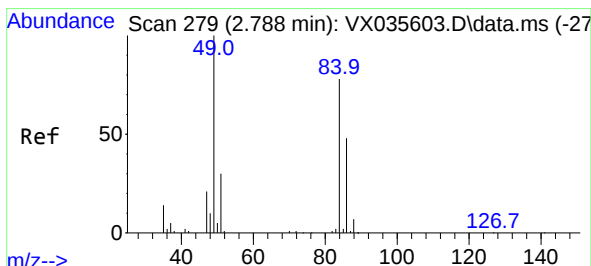
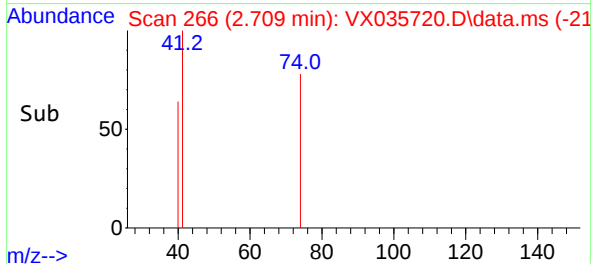
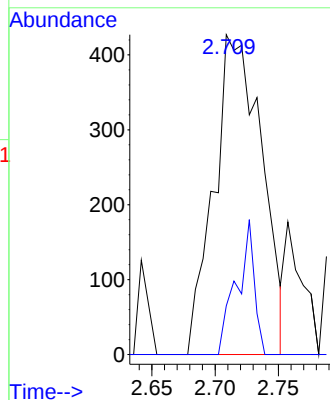
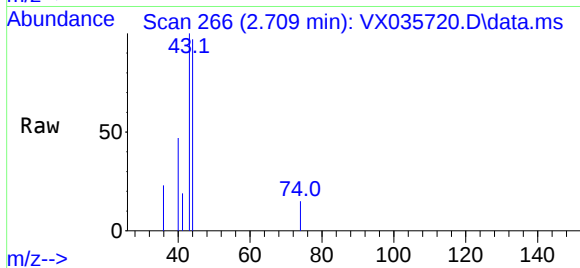
AUD-1927

Tgt Ion: 43 Resp: 1119

Ion Ratio Lower Upper

43 100

74 15.6 18.3 27.5#



#20

Methylene Chloride

Concen: 0.740 ug/l

RT: 2.776 min Scan# 277

Delta R.T. -0.012 min

Lab File: VX035720.D

Acq: 17 May 2023 16:00

Tgt Ion: 84 Resp: 1899

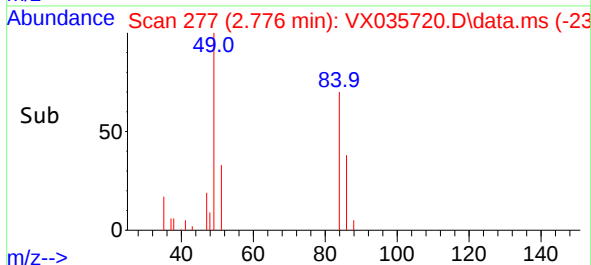
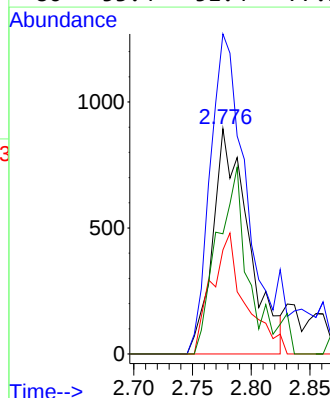
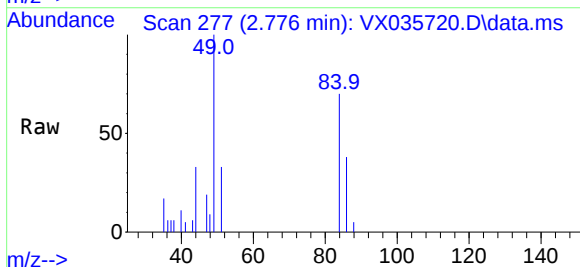
Ion Ratio Lower Upper

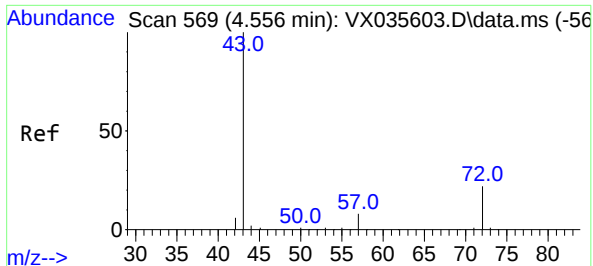
84 100

49 142.1 103.8 155.8

51 46.2 31.8 47.8

86 53.4 51.4 77.2





#25

2-Butanone

Concen: 3.226 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX035720.D

Acq: 17 May 2023 16:00

Instrument :

MSVOA_X

ClientSampleId :

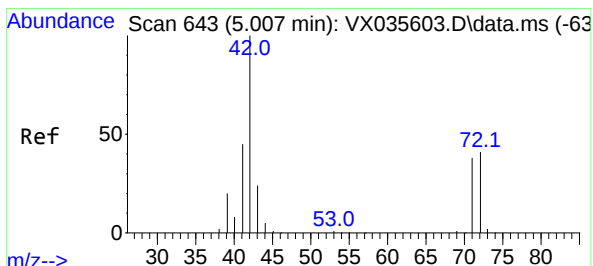
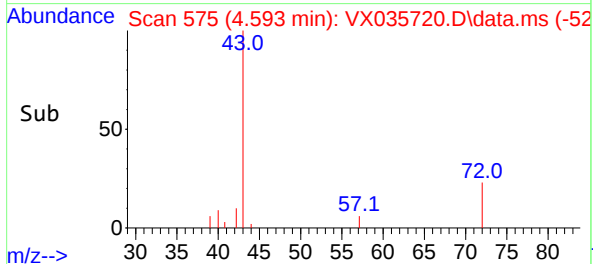
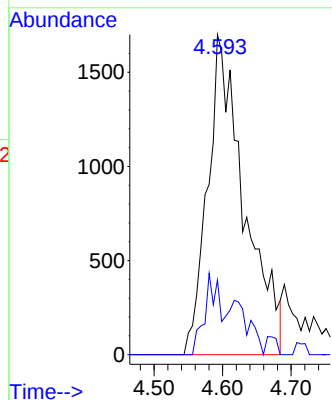
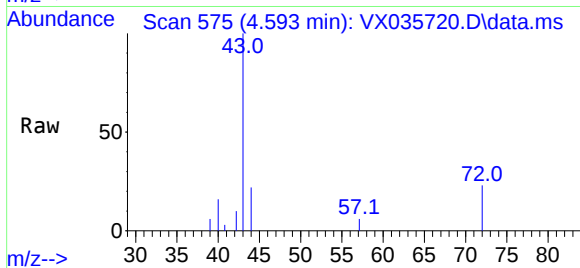
AUD-1927

Tgt Ion: 43 Resp: 6321

Ion Ratio Lower Upper

43 100

72 23.4 19.3 28.9



#29

Tetrahydrofuran

Concen: 1.409 ug/l

RT: 5.044 min Scan# 649

Delta R.T. 0.037 min

Lab File: VX035720.D

Acq: 17 May 2023 16:00

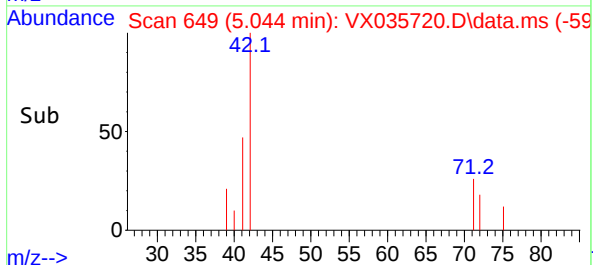
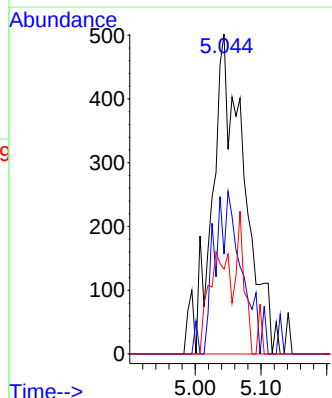
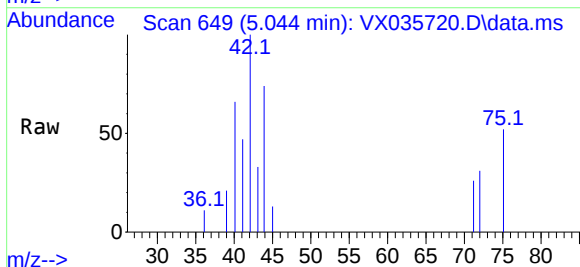
Tgt Ion: 42 Resp: 1735

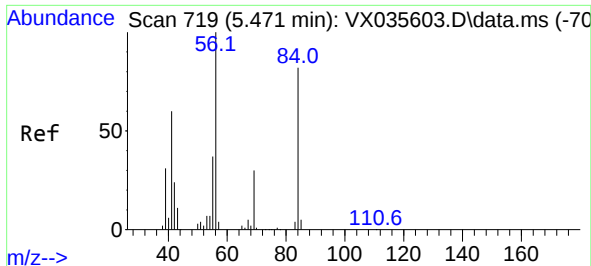
Ion Ratio Lower Upper

42 100

72 42.4 34.5 51.7

71 20.3 32.1 48.1#

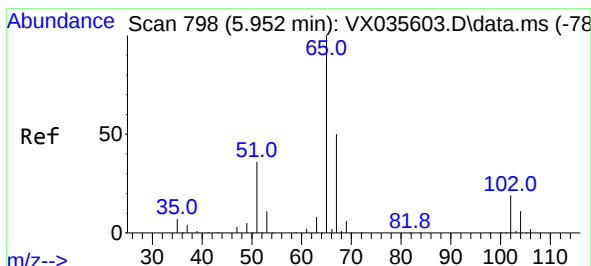
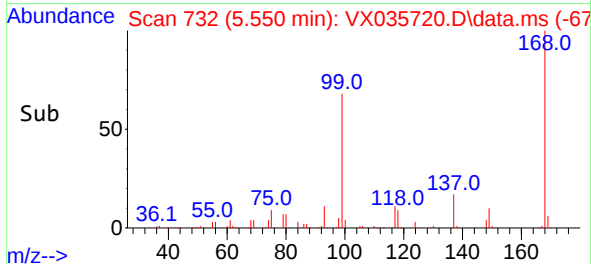
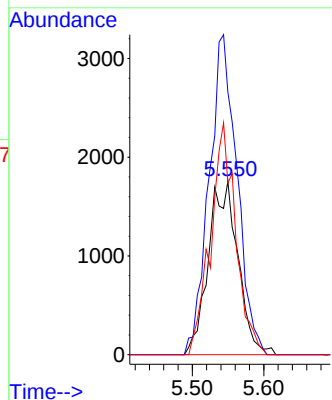
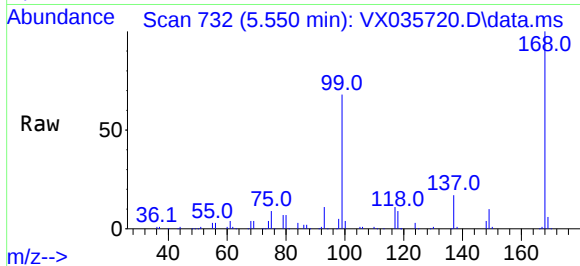




#31
Cyclohexane
Concen: 1.213 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

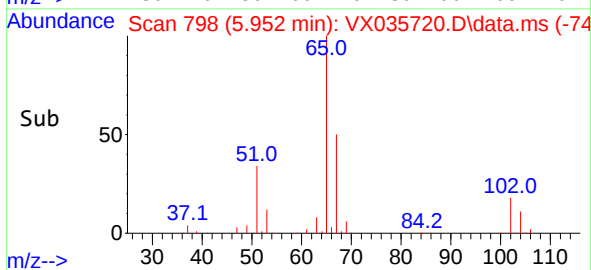
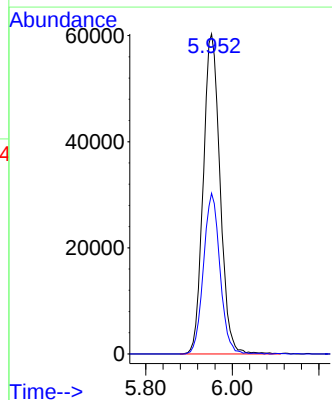
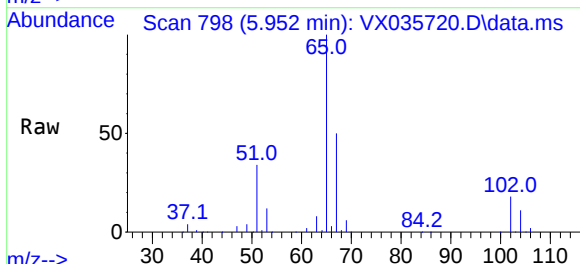
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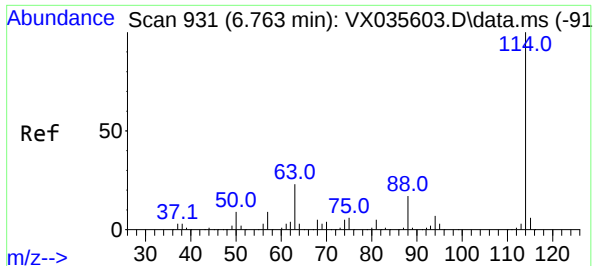
Tgt Ion: 56 Resp: 5047
Ion Ratio Lower Upper
56 100
69 151.3 23.7 35.5#
84 99.0 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 49.329 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

Tgt Ion: 65 Resp: 162445
Ion Ratio Lower Upper
65 100
67 49.1 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX035720.D

Acq: 17 May 2023 16:00

Instrument :

MSVOA_X

ClientSampleId :

AUD-1927

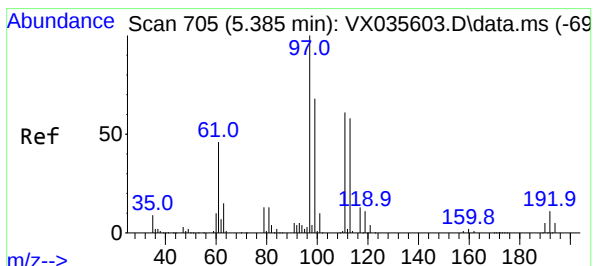
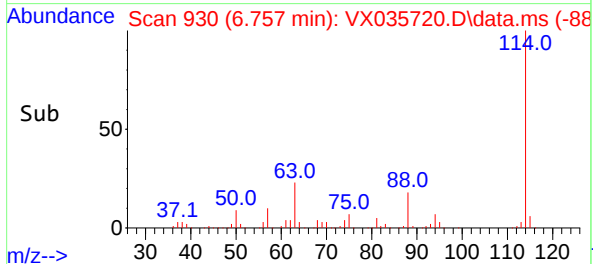
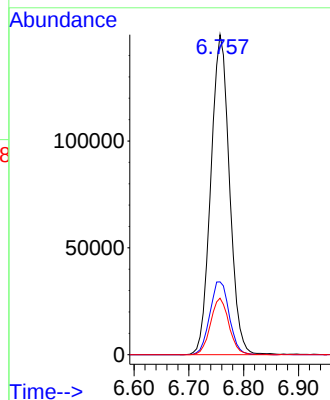
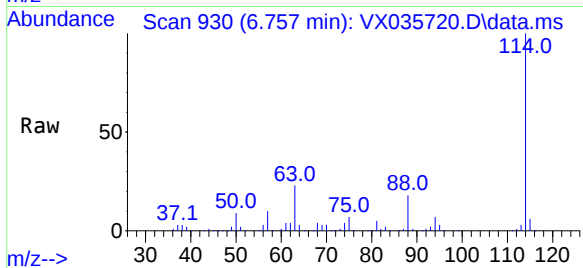
Tgt Ion:114 Resp: 353065

Ion Ratio Lower Upper

114 100

63 22.8 0.0 42.2

88 17.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.818 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035720.D

Acq: 17 May 2023 16:00

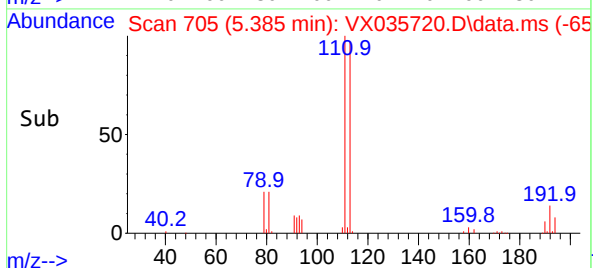
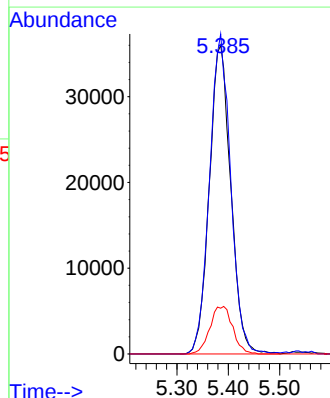
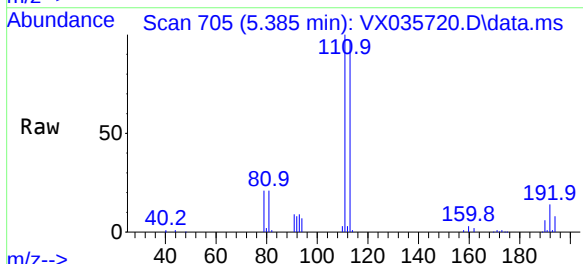
Tgt Ion:113 Resp: 104334

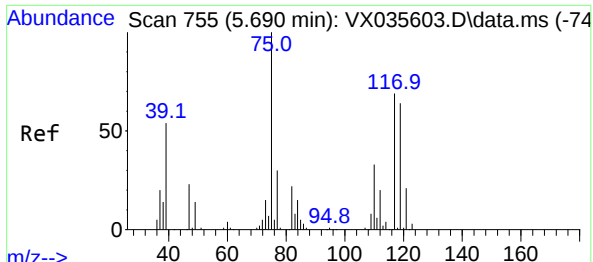
Ion Ratio Lower Upper

113 100

111 102.2 83.7 125.5

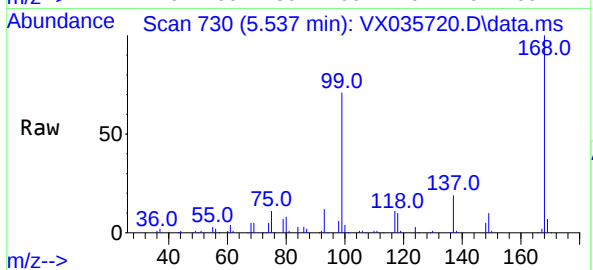
192 16.4 15.4 23.2



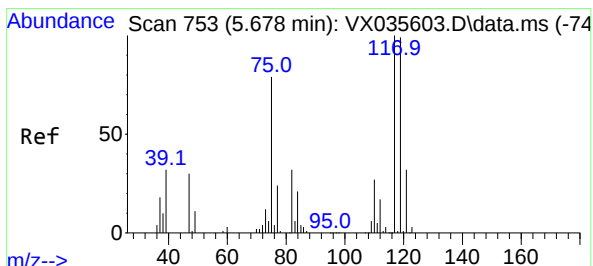
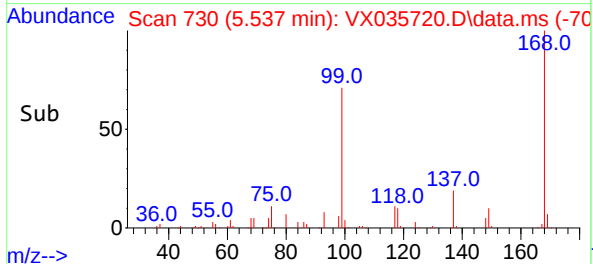
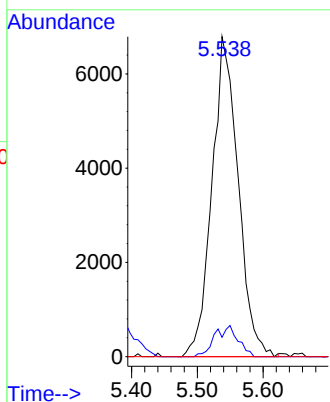


#36
1,1-Dichloropropene
Concen: 5.009 ug/l
RT: 5.537 min Scan# 711
Delta R.T. -0.153 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

Instrument :
MSVOA_X
ClientSampleId :
AUD-1927

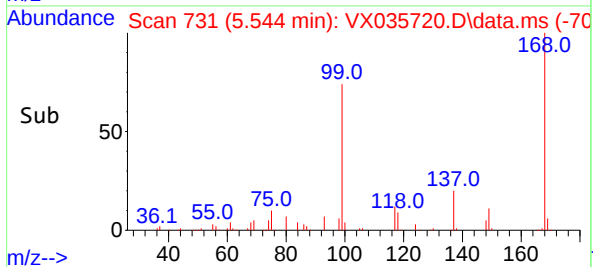
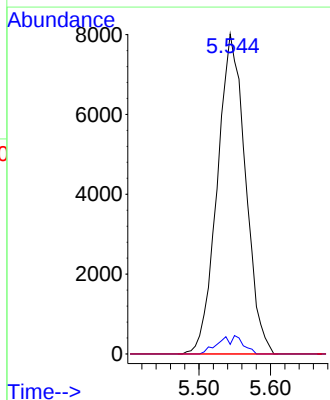
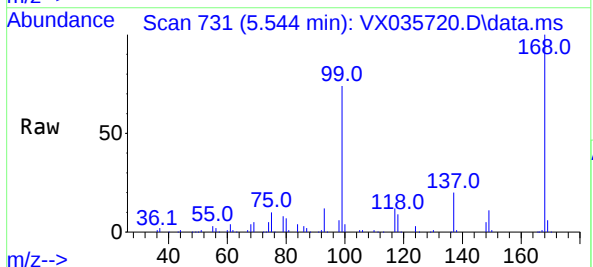


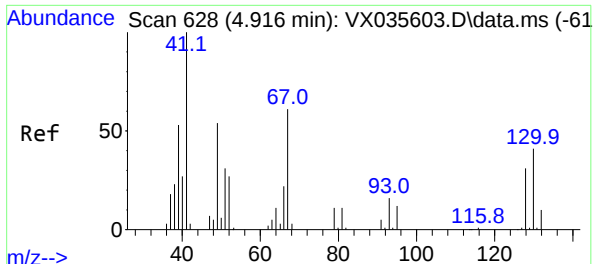
Tgt Ion: 75 Resp: 18827
Ion Ratio Lower Upper
75 100
110 3.7 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.154 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

Tgt Ion: 117 Resp: 21910
Ion Ratio Lower Upper
117 100
119 3.0 76.6 114.8#
121 0.0 23.8 35.6#

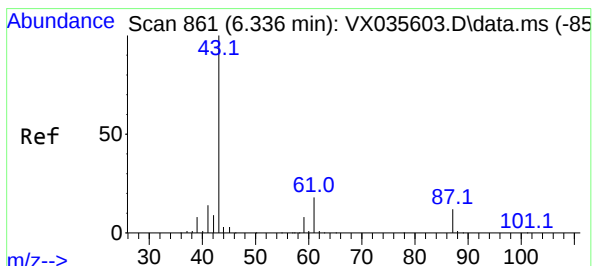
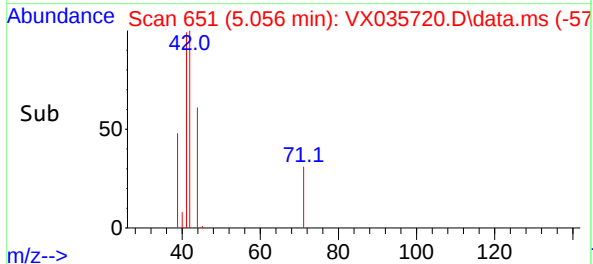
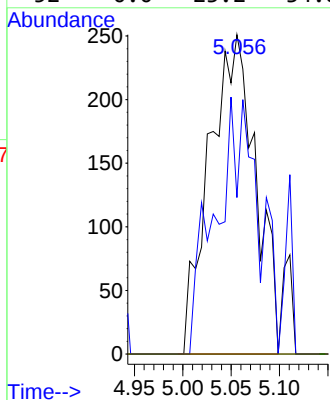
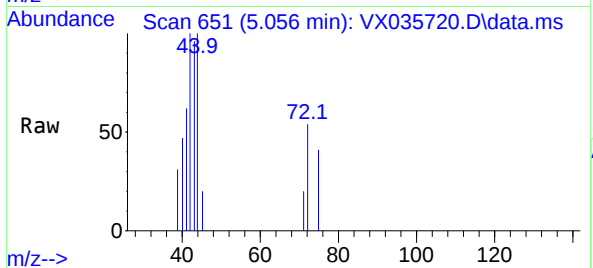




#41
Methacrylonitrile
Concen: 0.359 ug/l
RT: 5.056 min Scan# 61
Delta R.T. 0.140 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

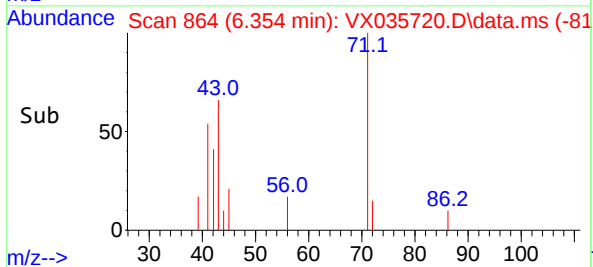
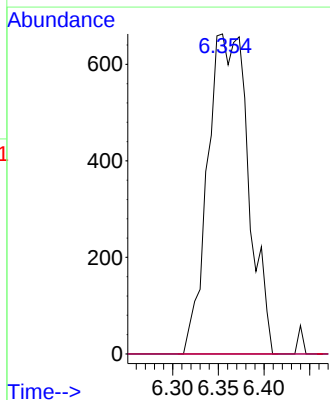
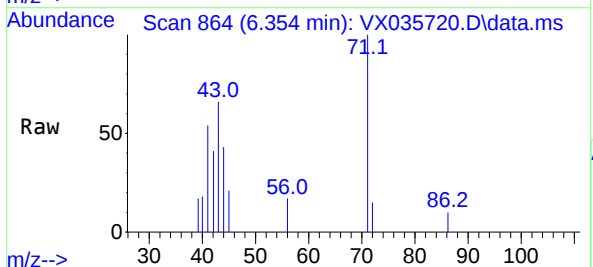
Instrument :
MSVOA_X
ClientSampleId :
AUD-1927

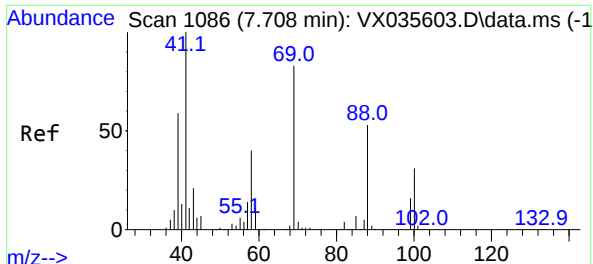
Tgt Ion: 41 Resp: 836
Ion Ratio Lower Upper
41 100
39 40.2 45.0 67.6#
67 0.0 55.6 83.4#
52 0.0 23.2 34.8#



#43
Isopropyl Acetate
Concen: 0.301 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.018 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

Tgt Ion: 43 Resp: 2056
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.8#

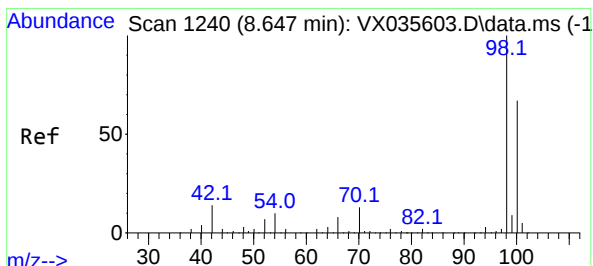
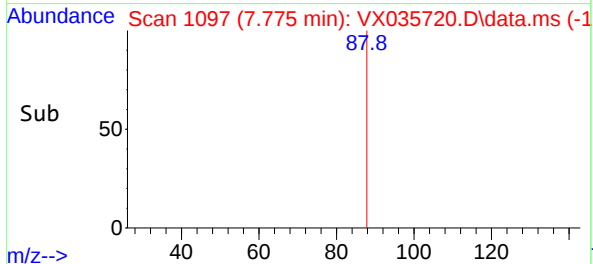
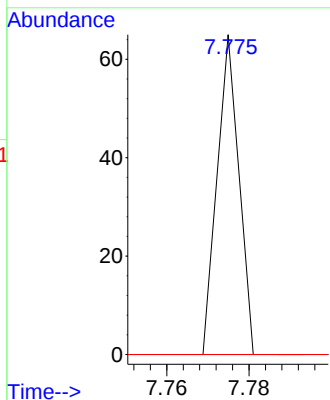
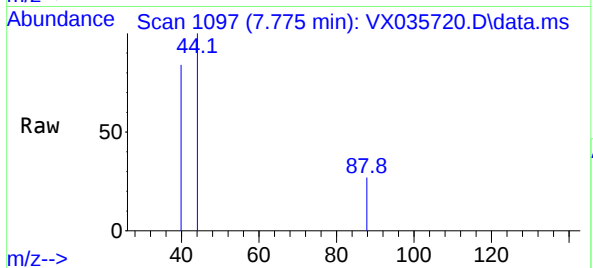




#49
1,4-Dioxane
Concen: 2.322 ug/l
RT: 7.775 min Scan# 1086
Delta R.T. 0.067 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

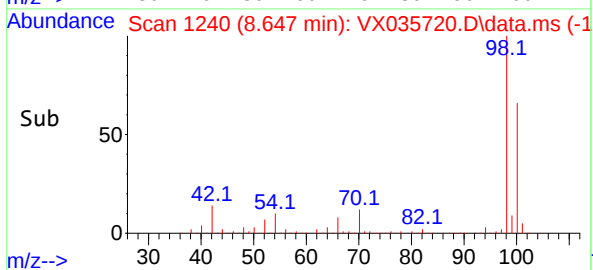
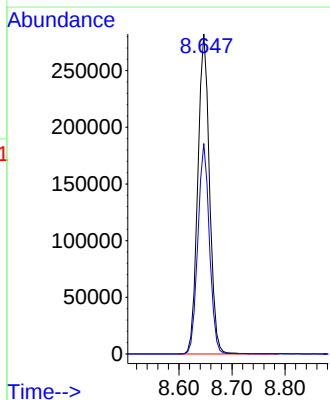
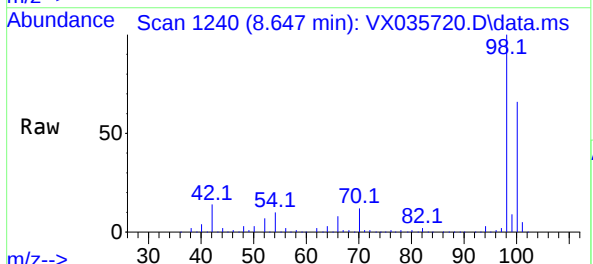
Instrument :
MSVOA_X
ClientSampleId :
AUD-1927

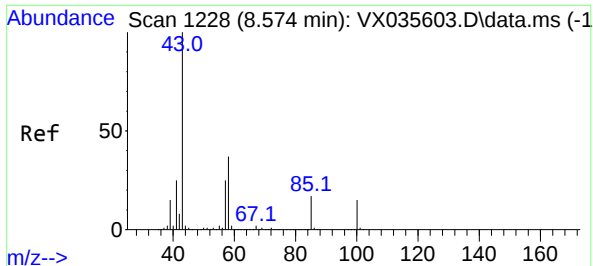
Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#



#50
Toluene-d8
Concen: 49.186 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

Tgt Ion: 98 Resp: 432653
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7

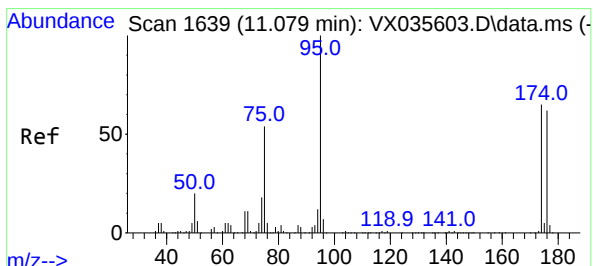
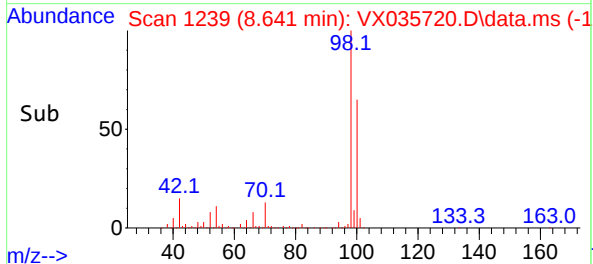
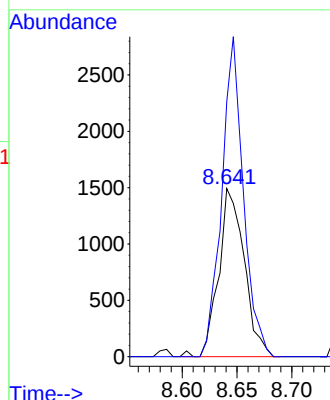
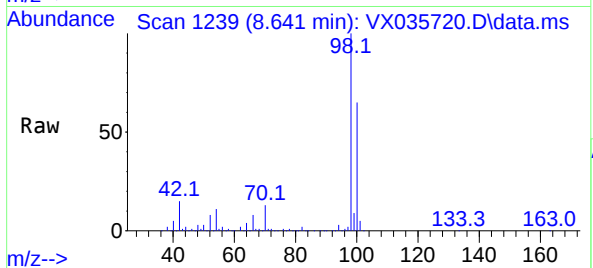




#51
4-Methyl-2-Pentanone
Concen: 0.614 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

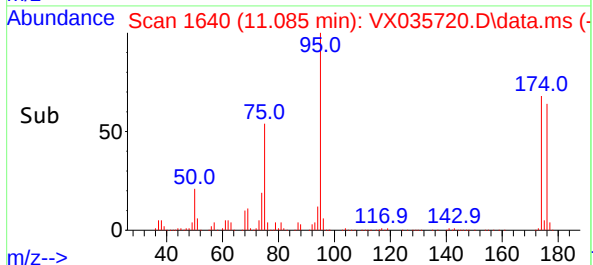
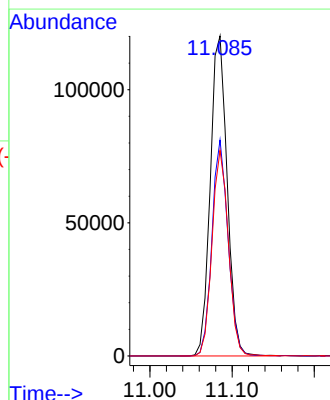
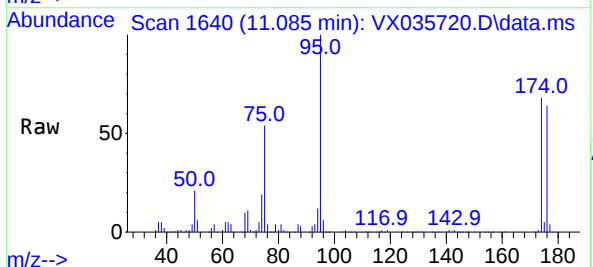
Instrument :
MSVOA_X
ClientSampleId :
AUD-1927

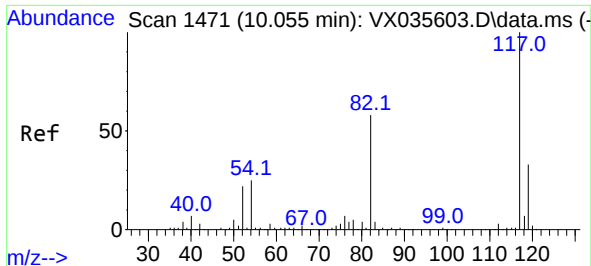
Tgt Ion: 43 Resp: 2420
Ion Ratio Lower Upper
43 100
58 161.4 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 48.371 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

Tgt Ion: 95 Resp: 171317
Ion Ratio Lower Upper
95 100
174 64.5 0.0 147.4
176 62.3 0.0 140.6

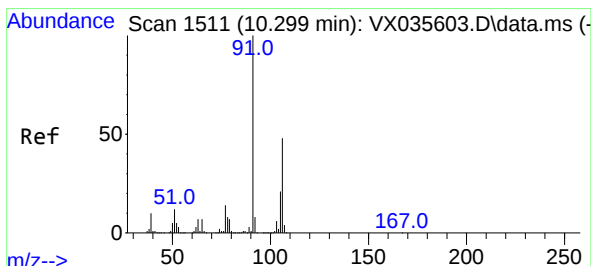
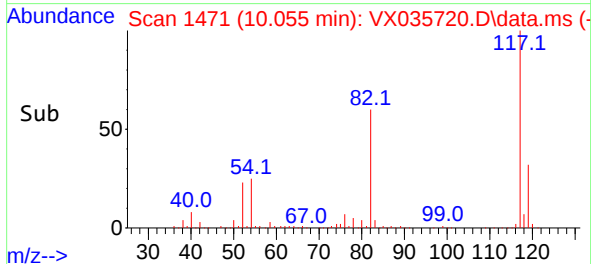
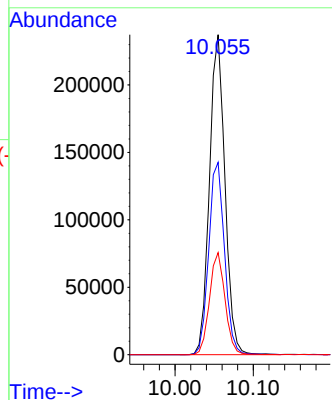
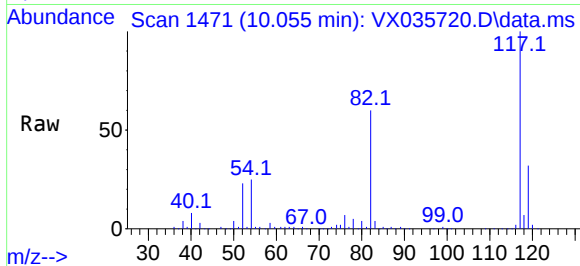




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

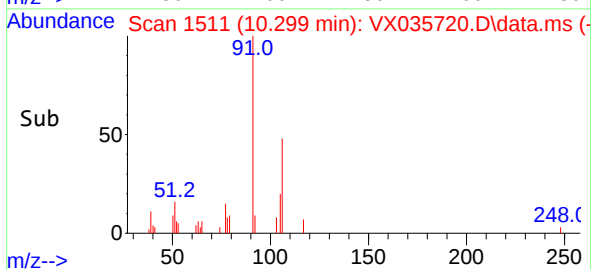
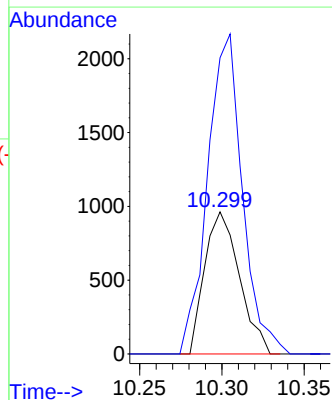
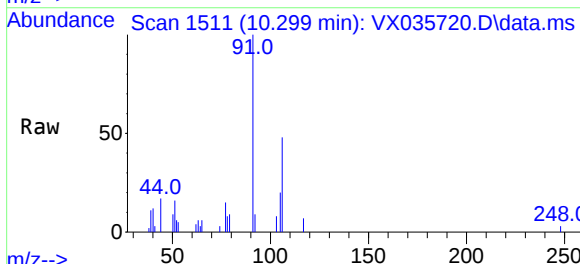
Instrument :
MSVOA_X
ClientSampleId :
AUD-1927

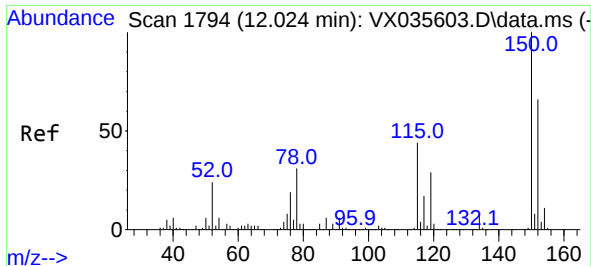
Tgt Ion:117 Resp: 326076
Ion Ratio Lower Upper
117 100
82 60.1 45.0 67.4
119 31.9 26.0 39.0



#68
m/p-Xylenes
Concen: 0.285 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

Tgt Ion:106 Resp: 1412
Ion Ratio Lower Upper
106 100
91 225.9 164.0 246.0

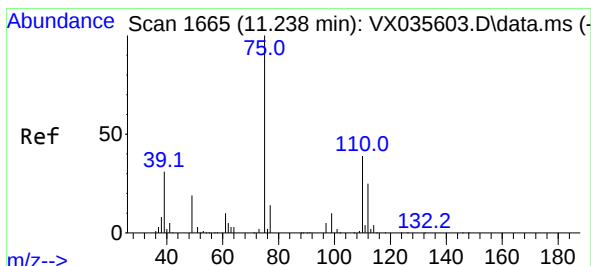
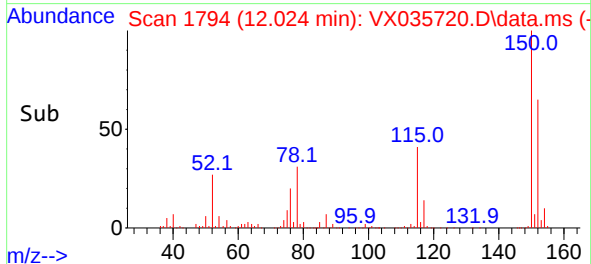
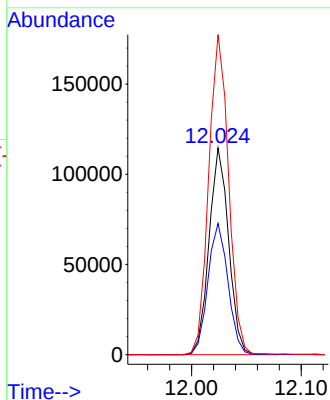
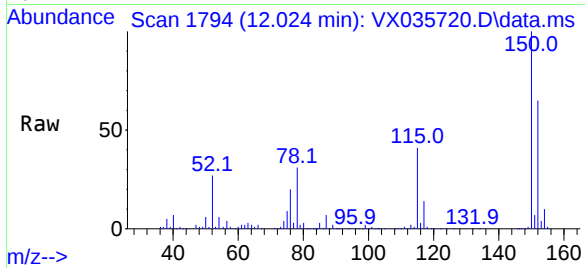




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

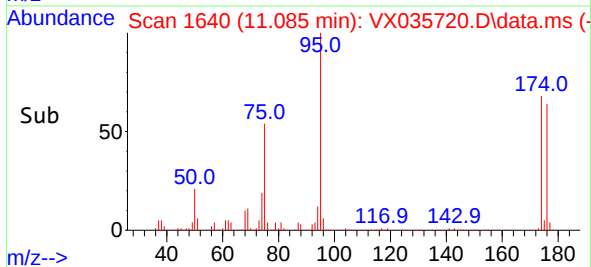
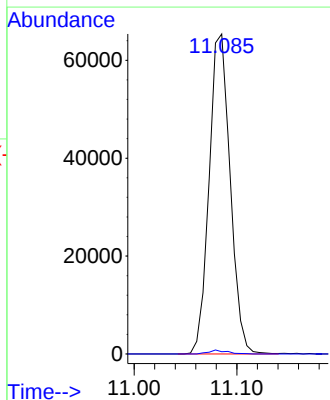
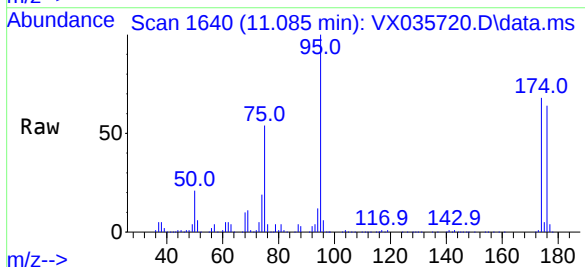
Instrument :
MSVOA_X
ClientSampleId :
AUD-1927

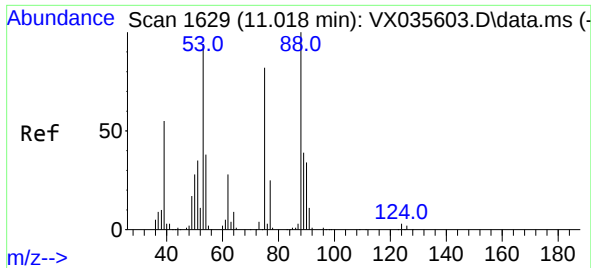
Tgt Ion:152 Resp: 142384
Ion Ratio Lower Upper
152 100
115 65.4 45.0 135.0
150 157.6 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 26.803 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX035720.D
Acq: 17 May 2023 16:00

Tgt Ion: 75 Resp: 93348
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.382 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.067 min
 Lab File: VX035720.D
 Acq: 17 May 2023 16:00

Instrument :
 MSVOA_X
 ClientSampleId :
 AUD-1927

Tgt Ion: 75 Resp: 93348
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

