

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029677.D
 Acq On : 21 Jun 2022 21:12
 Operator : JC/MD
 Sample : N3354-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB061422

Quant Time: Jun 22 01:13:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

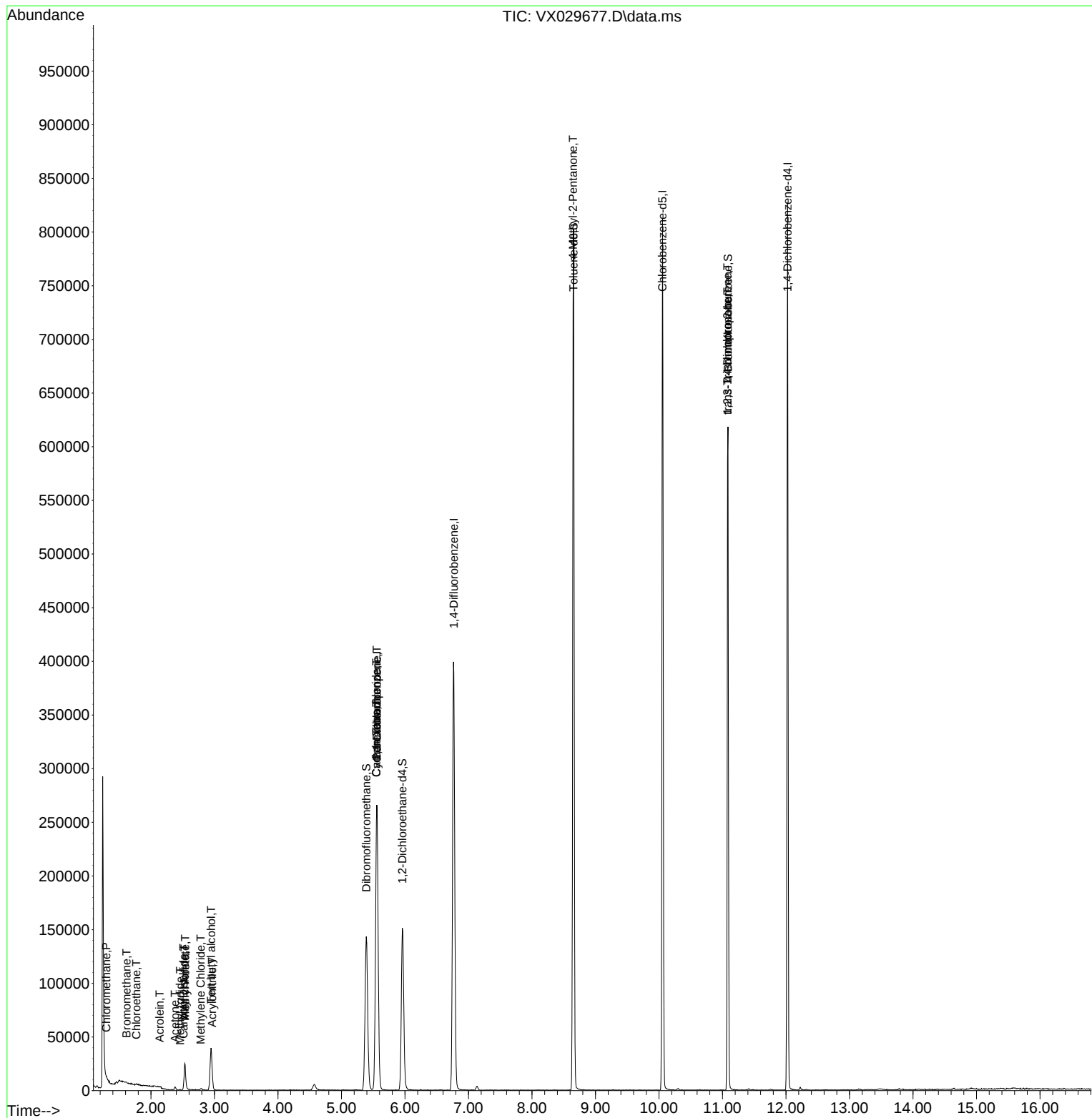
Internal Standards						
1) Pentafluorobenzene	5.556	168	257981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	437623	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145747	42.679	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.360%		
35) Dibromofluoromethane	5.391	113	129069	45.257	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.520%		
50) Toluene-d8	8.653	98	494268	47.441	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.880%		
62) 4-Bromofluorobenzene	11.086	95	180354	45.903	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.800%		
Target Compounds						Qvalue
3) Chloromethane	1.295	50	1121	0.333	ug/l #	56
5) Bromomethane	1.618	94	399	0.252	ug/l #	71
6) Chloroethane	1.770	64	982	1.687	ug/l #	48
10) Methyl Iodide	2.459	142	440	3.151	ug/l #	83
11) Tert butyl alcohol	2.947	59	21745	20.733	ug/l #	76
13) Acrolein	2.136	56	50	0.266	ug/l #	82
14) Allyl chloride	2.532	41	2273	0.539	ug/l #	58
15) Acrylonitrile	2.965	53	321	0.201	ug/l #	18
16) Acetone	2.380	43	3233	2.375	ug/l	90
17) Carbon Disulfide	2.514	76	1496	0.221	ug/l #	75
18) Methyl Acetate	2.538	43	6513	1.810	ug/l #	46
20) Methylene Chloride	2.782	84	634	0.209	ug/l #	84
31) Cyclohexane	5.550	56	4346	0.948	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	19396	5.025	ug/l #	49
38) Carbon Tetrachloride	5.550	117	25746	6.783	ug/l #	16
44) Trichloroethene	7.129	130	1676	Below Cal		92
51) 4-Methyl-2-Pentanone	8.647	43	1750	0.441	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	86792	23.651	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	86792	78.681	ug/l #	15

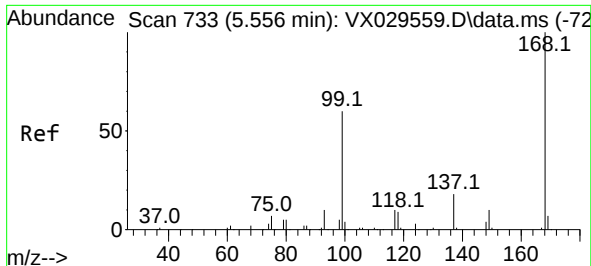
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

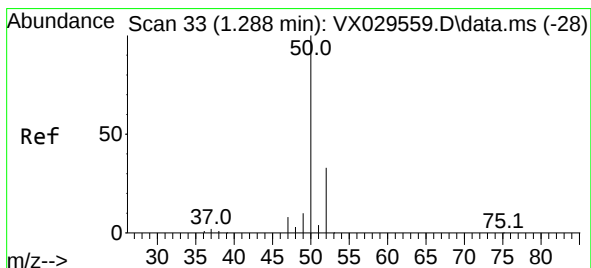
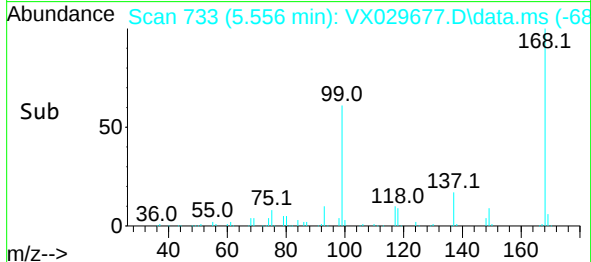
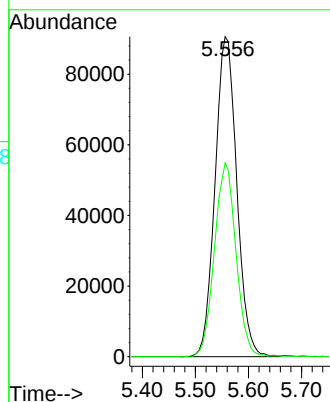
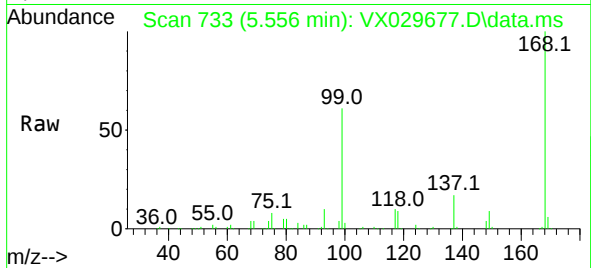




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX029677.D
Acq: 21 Jun 2022 21:12

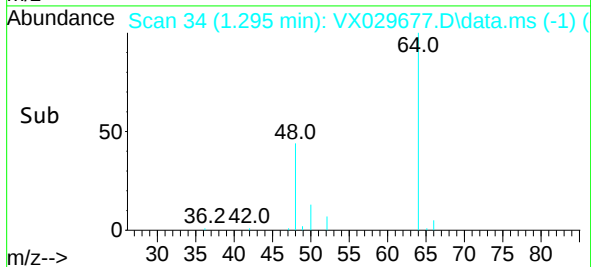
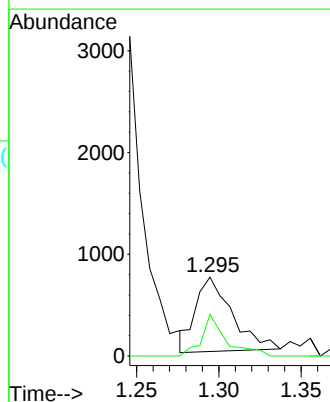
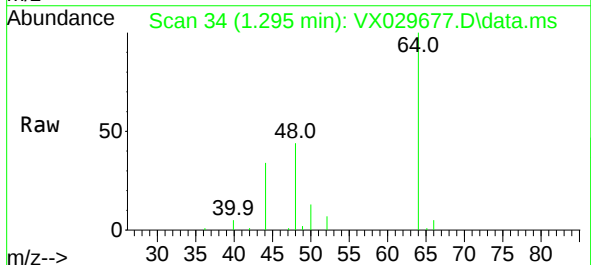
Instrument :
MSVOA_X
ClientSampleId :
TB061422

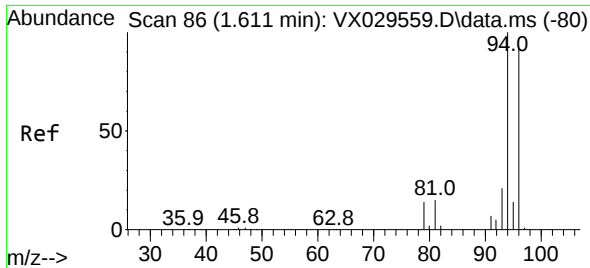
Tgt Ion:168 Resp: 257981
Ion Ratio Lower Upper
168 100
99 60.6 41.7 62.5



#3
Chloromethane
Concen: 0.333 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX029677.D
Acq: 21 Jun 2022 21:12

Tgt Ion: 50 Resp: 1121
Ion Ratio Lower Upper
50 100
52 58.0 26.4 39.6#

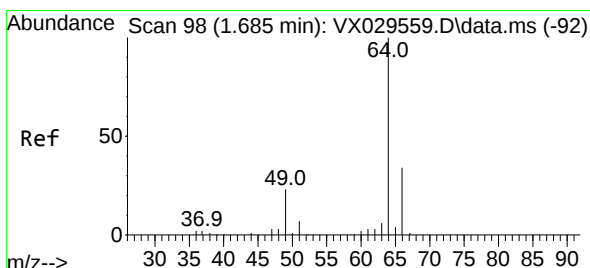
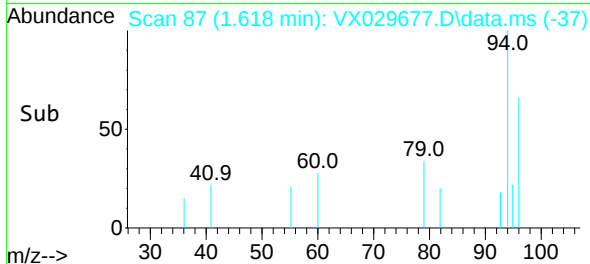
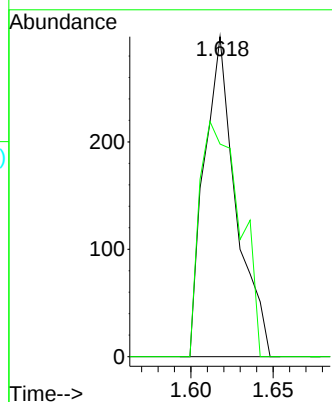
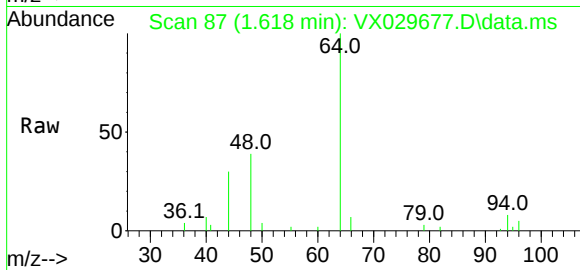




#5
Bromomethane
Concen: 0.252 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029677.D
Acq: 21 Jun 2022 21:12

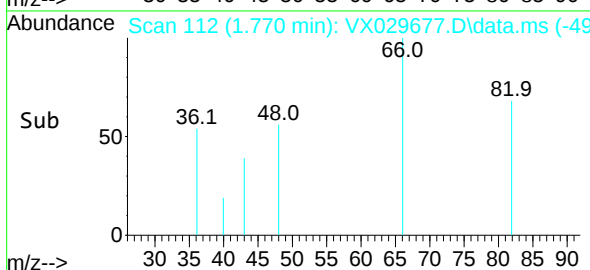
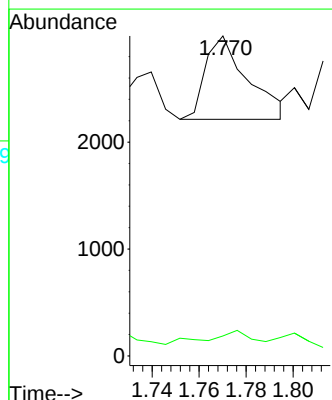
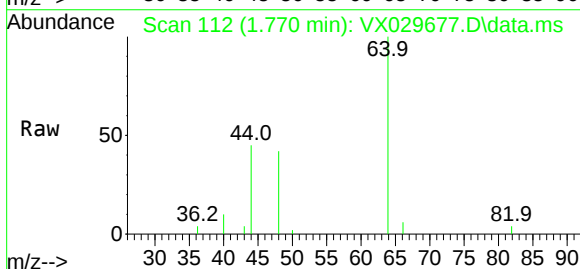
Instrument :
MSVOA_X
ClientSampleId :
TB061422

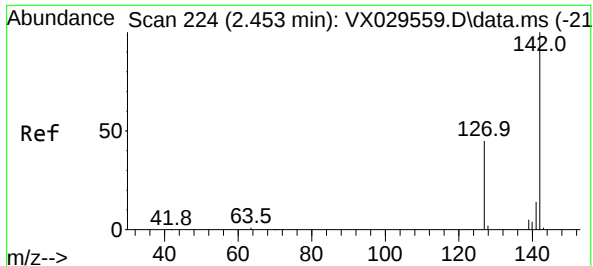
Tgt Ion: 94 Resp: 399
Ion Ratio Lower Upper
94 100
96 66.4 75.3 112.9#



#6
Chloroethane
Concen: 1.687 ug/l
RT: 1.770 min Scan# 112
Delta R.T. 0.085 min
Lab File: VX029677.D
Acq: 21 Jun 2022 21:12

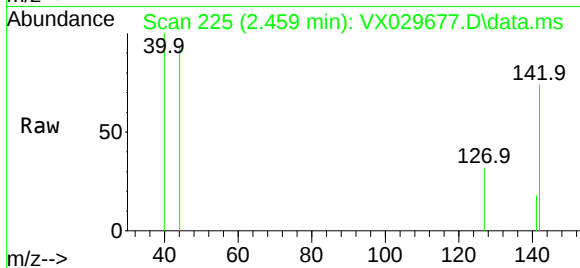
Tgt Ion: 64 Resp: 982
Ion Ratio Lower Upper
64 100
66 2.7 25.3 37.9#



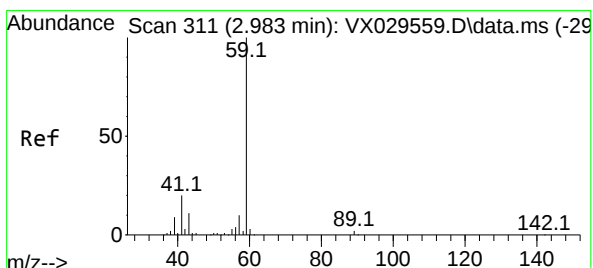
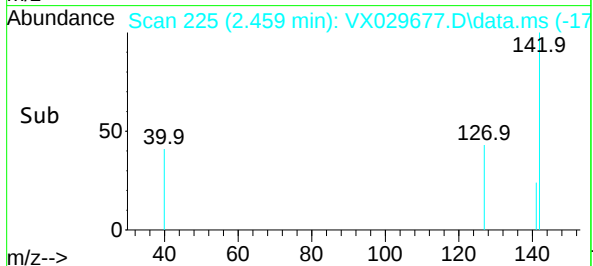
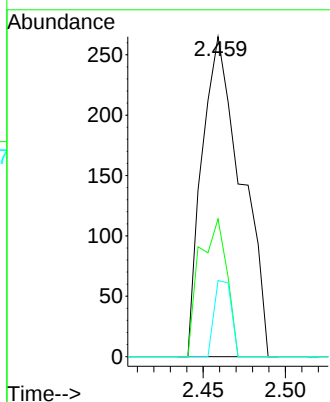


#10
Methyl Iodide
Concen: 3.151 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029677.D
Acq: 21 Jun 2022 21:12

Instrument :
MSVOA_X
ClientSampleId :
TB061422

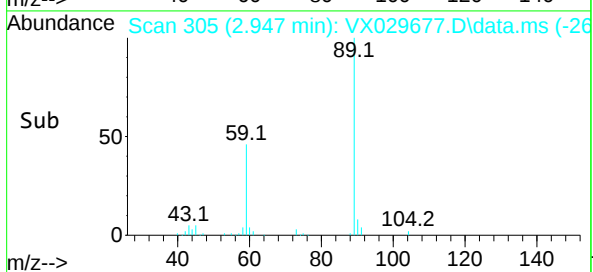
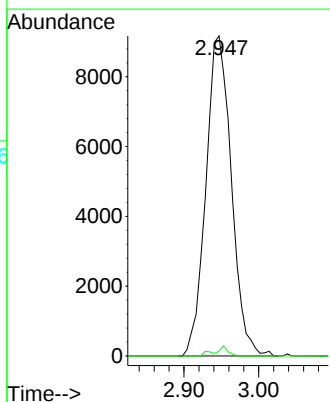
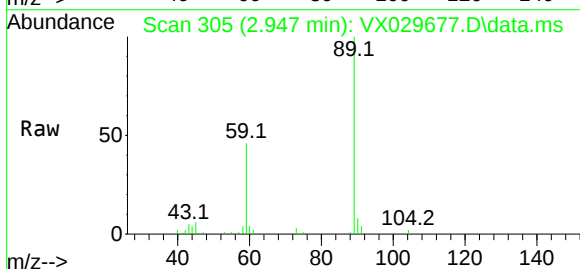


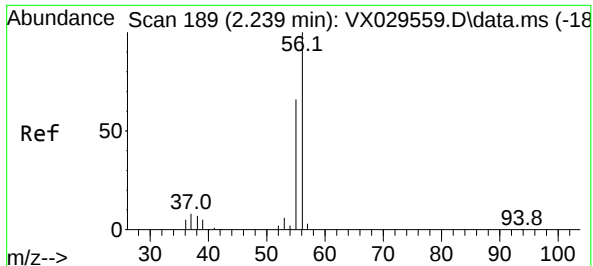
Tgt Ion:142 Resp: 440
Ion Ratio Lower Upper
142 100
127 29.8 33.9 50.9#
141 10.2 11.4 17.2#



#11
Tert butyl alcohol
Concen: 20.733 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX029677.D
Acq: 21 Jun 2022 21:12

Tgt Ion: 59 Resp: 21745
Ion Ratio Lower Upper
59 100
57 1.6 8.3 12.5#





#13

Acrolein

Concen: 0.266 ug/l

RT: 2.136 min Scan# 11

Delta R.T. -0.103 min

Lab File: VX029677.D

Acq: 21 Jun 2022 21:12

Instrument :

MSVOA_X

ClientSampleId :

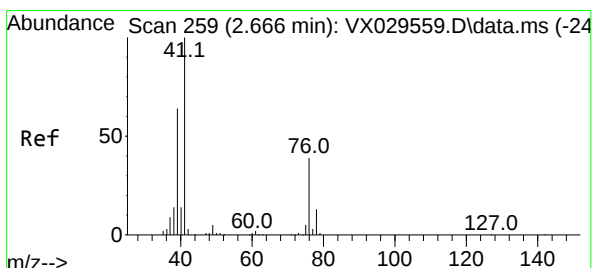
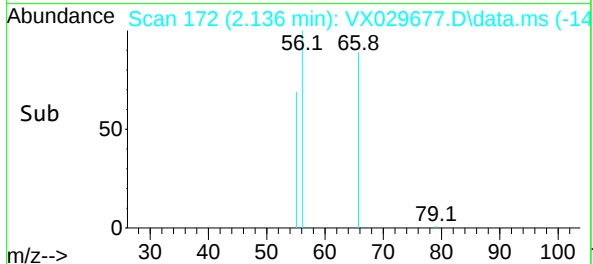
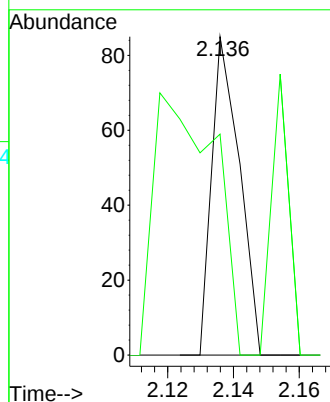
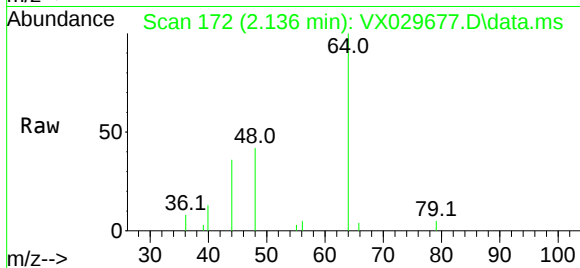
TB061422

Tgt Ion: 56 Resp: 50

Ion Ratio Lower Upper

56 100

55 54.0 55.0 82.6#



#14

Allyl chloride

Concen: 0.539 ug/l

RT: 2.532 min Scan# 237

Delta R.T. -0.134 min

Lab File: VX029677.D

Acq: 21 Jun 2022 21:12

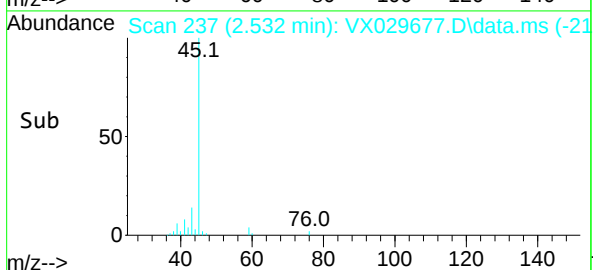
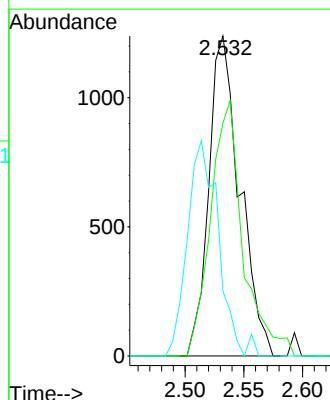
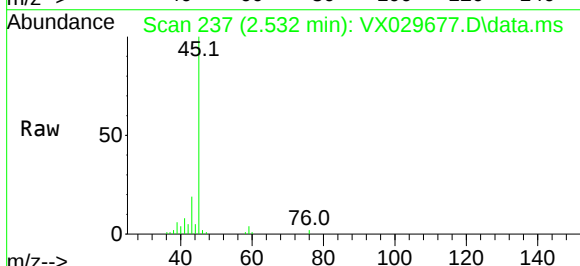
Tgt Ion: 41 Resp: 2273

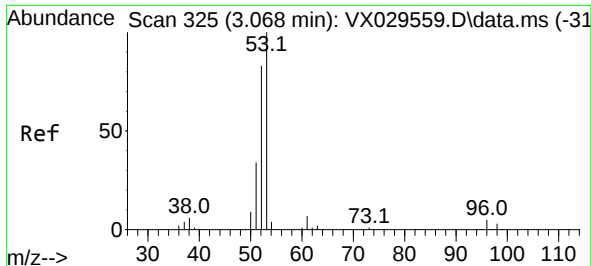
Ion Ratio Lower Upper

41 100

39 83.3 50.4 75.6#

76 0.0 32.7 49.1#





#15

Acrylonitrile

Concen: 0.201 ug/l

RT: 2.965 min Scan# 308

Delta R.T. -0.103 min

Lab File: VX029677.D

Acq: 21 Jun 2022 21:12

Instrument :

MSVOA_X

ClientSampleId :

TB061422

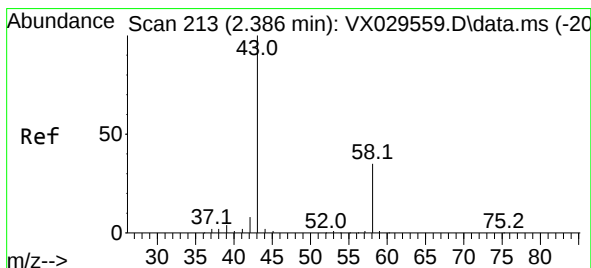
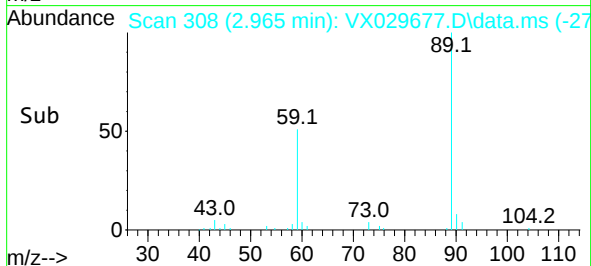
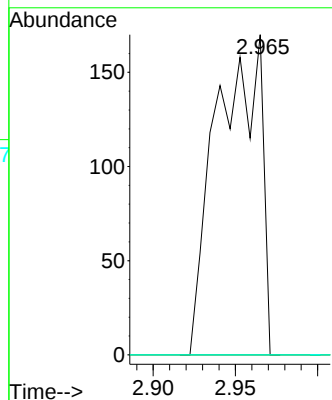
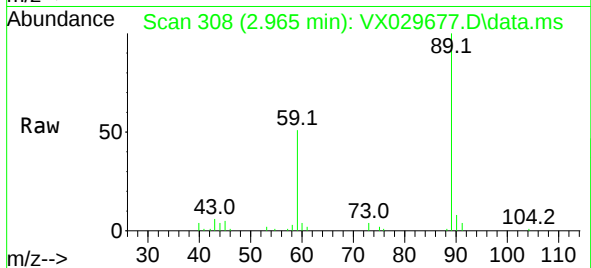
Tgt Ion: 53 Resp: 321

Ion Ratio Lower Upper

53 100

52 0.0 65.7 98.5#

51 0.0 28.4 42.6#



#16

Acetone

Concen: 2.375 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX029677.D

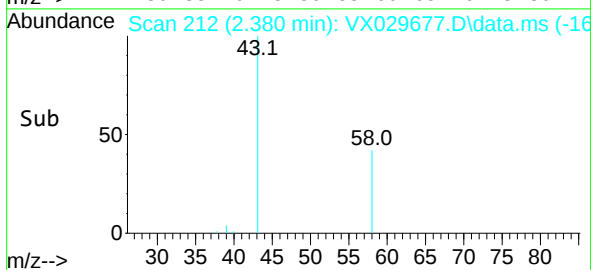
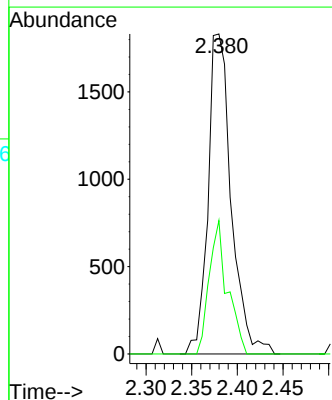
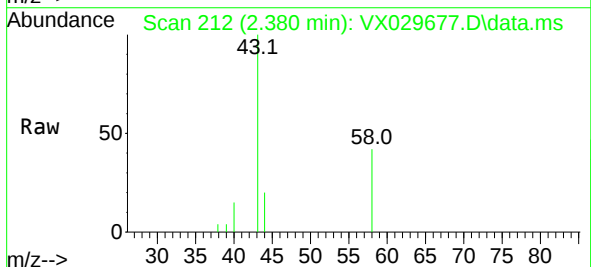
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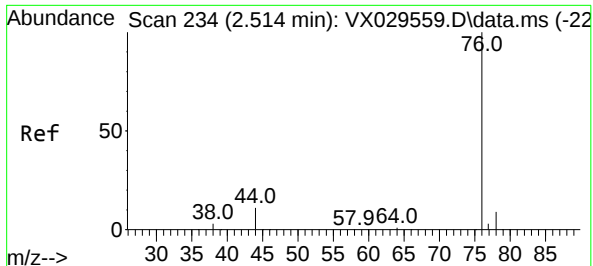
Tgt Ion: 43 Resp: 3233

Ion Ratio Lower Upper

43 100

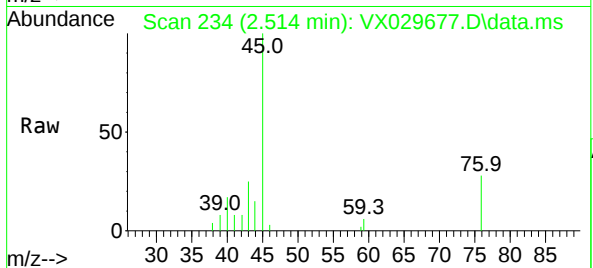
58 41.7 28.8 43.2



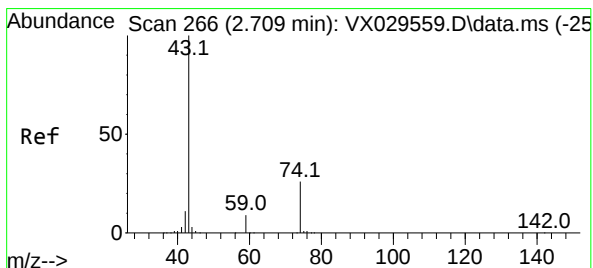
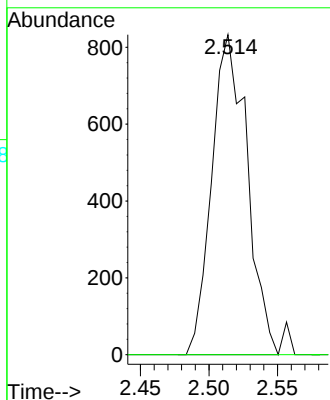
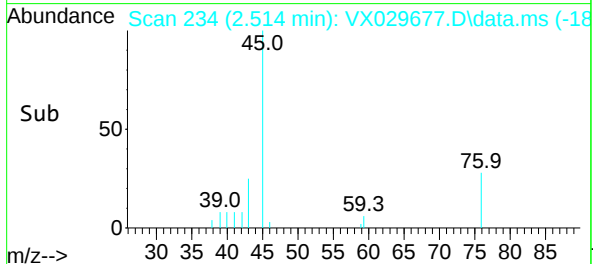


#17
Carbon Disulfide
Concen: 0.221 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029677.D
Acq: 21 Jun 2022 21:12

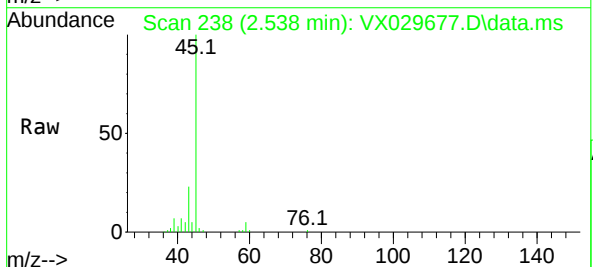
Instrument :
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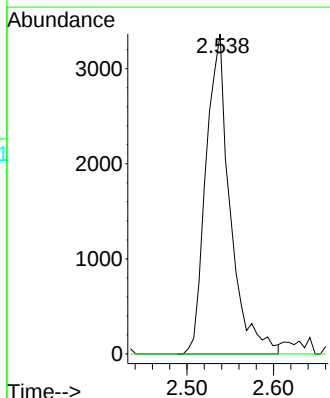
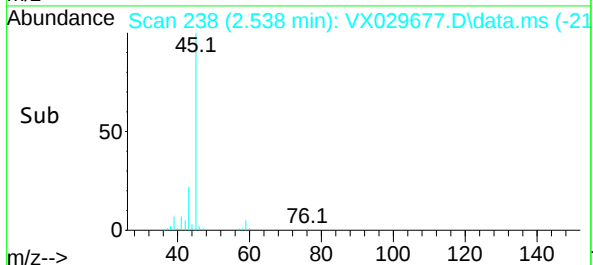
Tgt Ion: 76 Resp: 1496
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

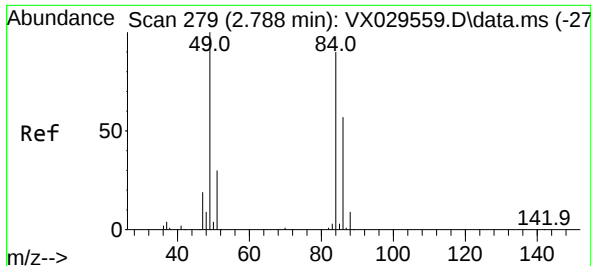


#18
Methyl Acetate
Concen: 1.810 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.171 min
Lab File: VX029677.D
Acq: 21 Jun 2022 21:12



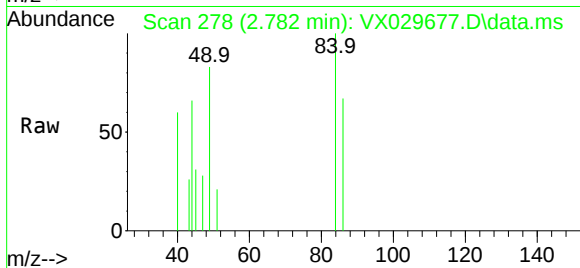
Tgt Ion: 43 Resp: 6513
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



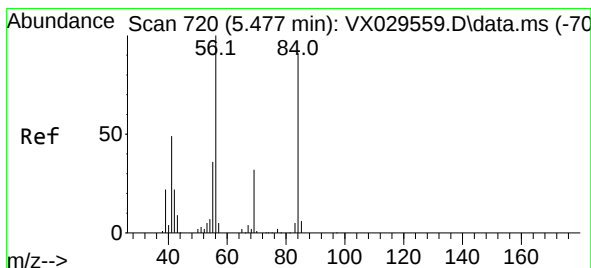
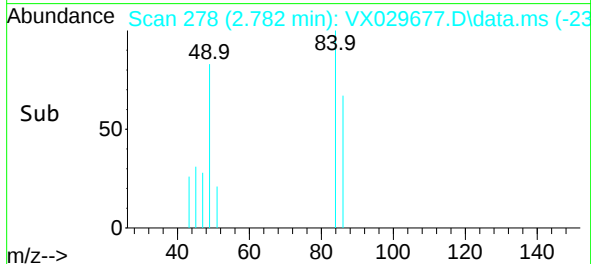
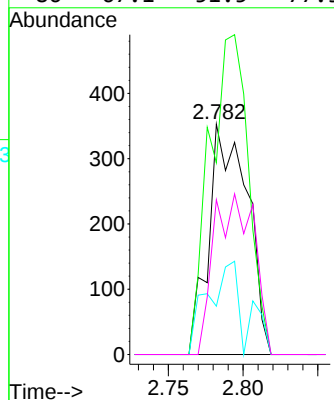


#20
Methylene Chloride
Concen: 0.209 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX029677.D
Acq: 21 Jun 2022 21:12

Instrument :
MSVOA_X
ClientSampleId :
TB061422

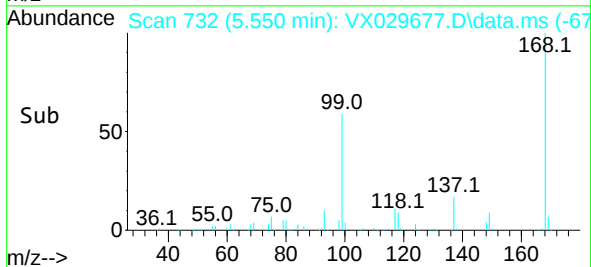
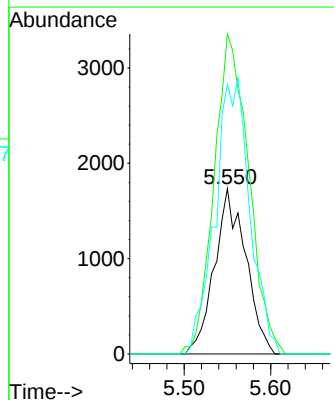
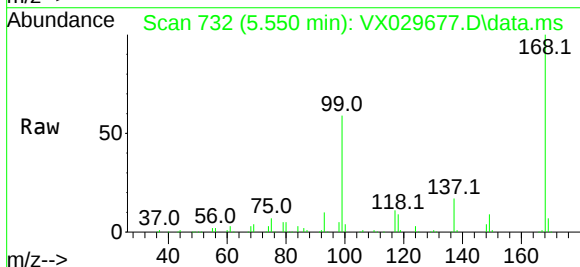


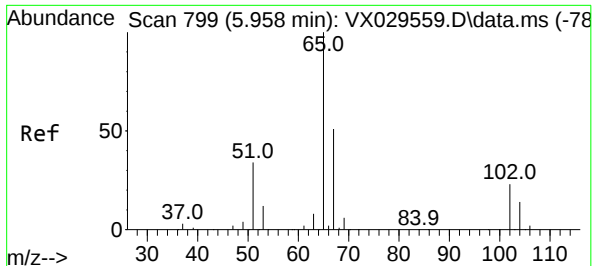
Tgt Ion: 84	Resp: 634
Ion Ratio	Lower Upper
84 100	
49 83.3	85.5 128.3#
51 21.0	26.6 39.8#
86 67.1	51.5 77.3



#31
Cyclohexane
Concen: 0.948 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX029677.D
Acq: 21 Jun 2022 21:12

Tgt Ion: 56	Resp: 4346		
Ion Ratio	Lower	Upper	
56	100		
69	193.6	26.7	40.1#
84	163.1	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 42.679 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029677.D

Acq: 21 Jun 2022 21:12

Instrument :

MSVOA_X

ClientSampleId :

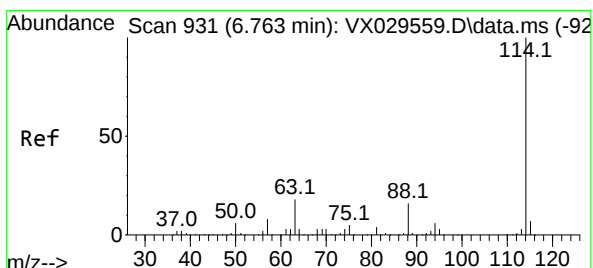
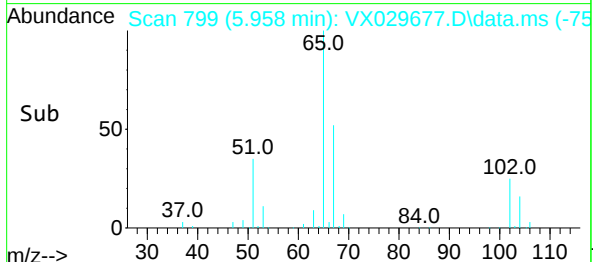
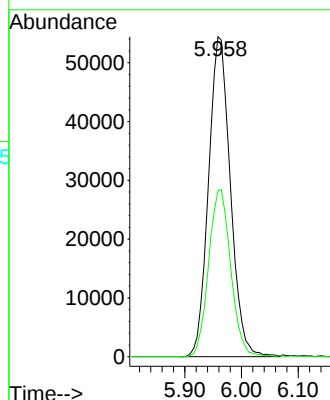
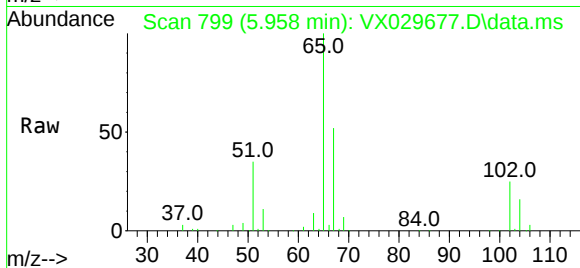
TB061422

Tgt Ion: 65 Resp: 145747

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029677.D

Acq: 21 Jun 2022 21:12

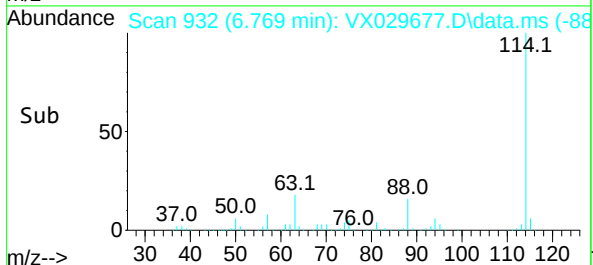
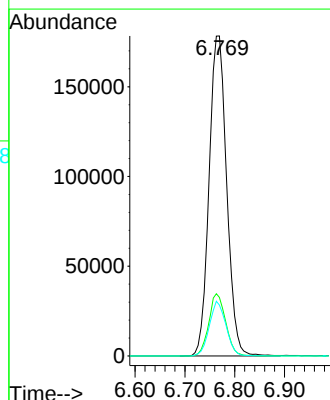
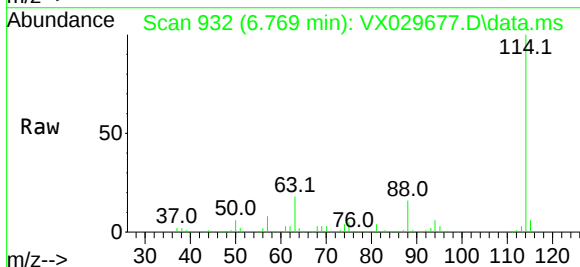
Tgt Ion: 114 Resp: 437623

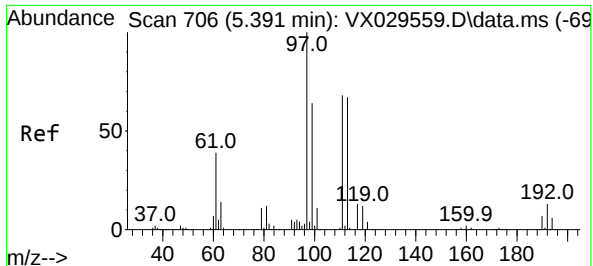
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.257 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029677.D

Acq: 21 Jun 2022 21:12

Instrument :

MSVOA_X

ClientSampleId :

TB061422

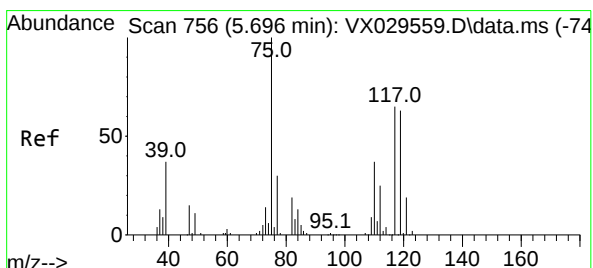
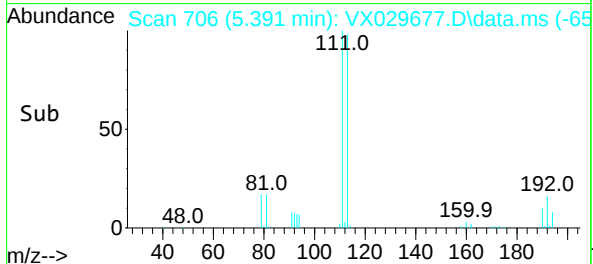
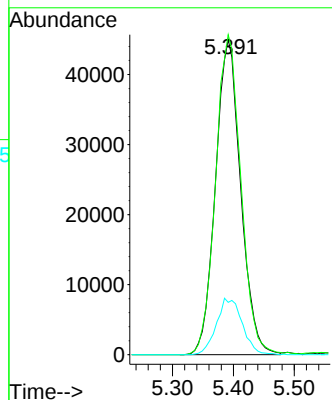
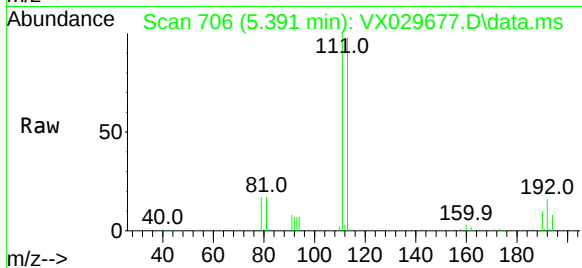
Tgt Ion:113 Resp: 129069

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 18.4 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.025 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029677.D

Acq: 21 Jun 2022 21:12

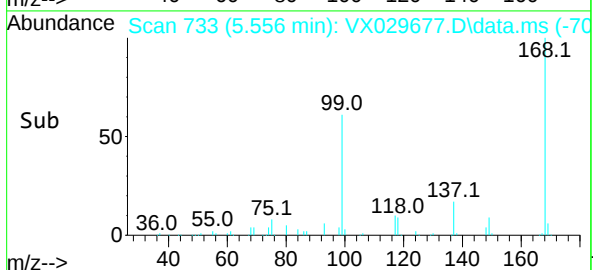
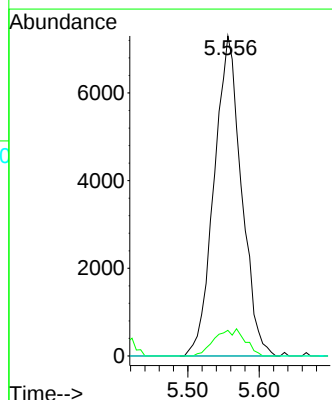
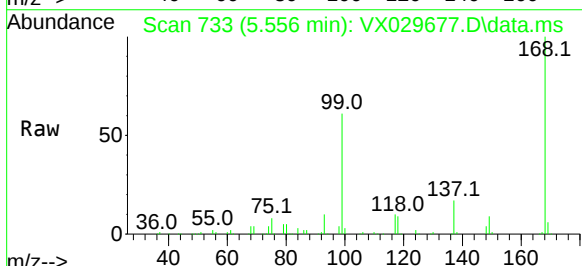
Tgt Ion: 75 Resp: 19396

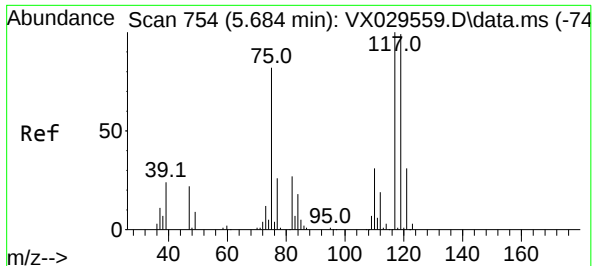
Ion Ratio Lower Upper

75 100

110 9.4 18.3 54.8#

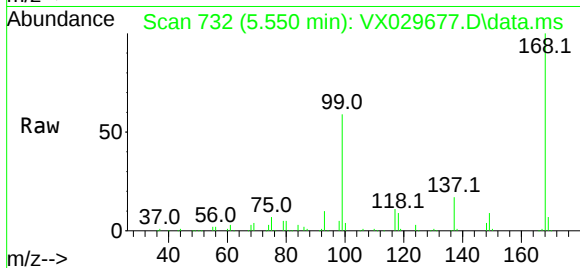
77 0.0 24.8 37.2#



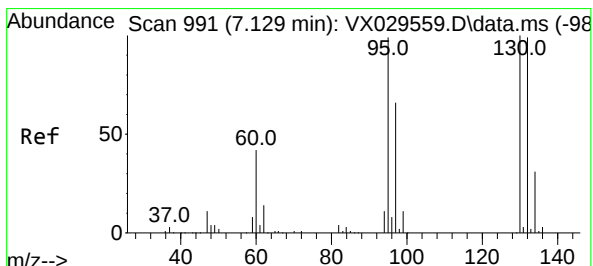
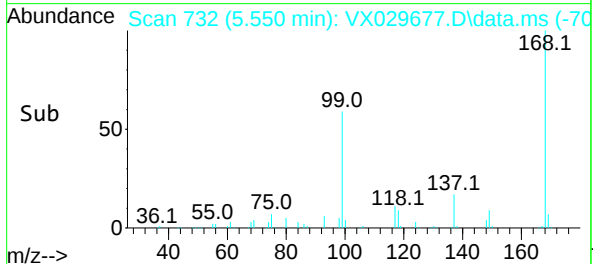
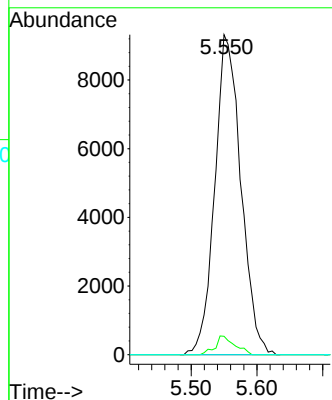


#38
Carbon Tetrachloride
Concen: 6.783 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX029677.D
Acq: 21 Jun 2022 21:12

Instrument :
MSVOA_X
ClientSampleId :
TB061422

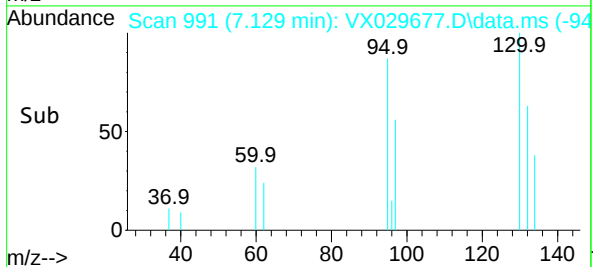
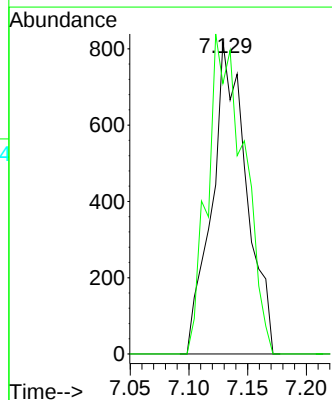
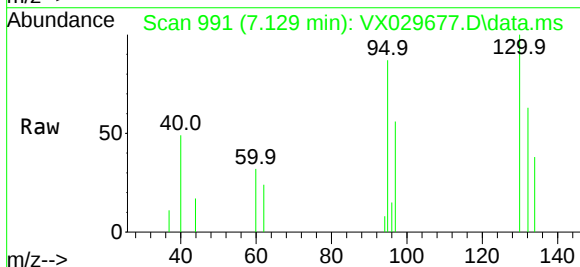


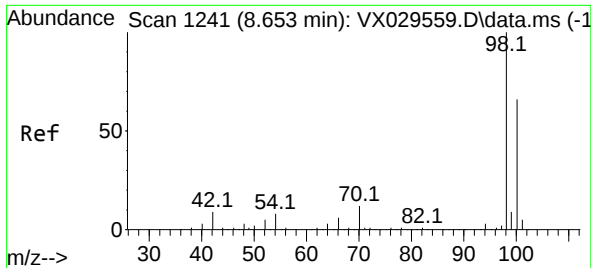
Tgt Ion:117 Resp: 25746
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029677.D
Acq: 21 Jun 2022 21:12

Tgt Ion:130 Resp: 1676
Ion Ratio Lower Upper
130 100
95 86.6 0.0 188.8

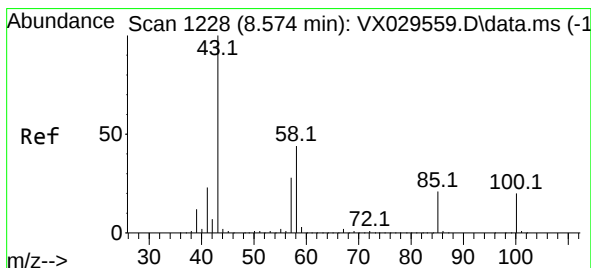
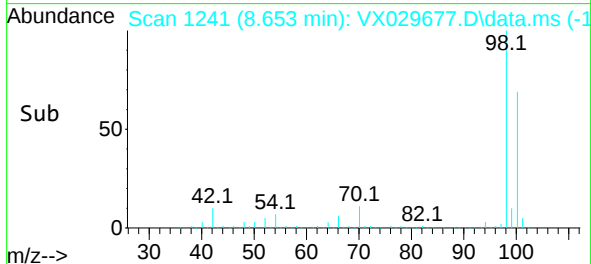
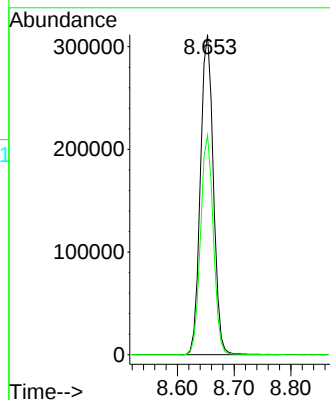
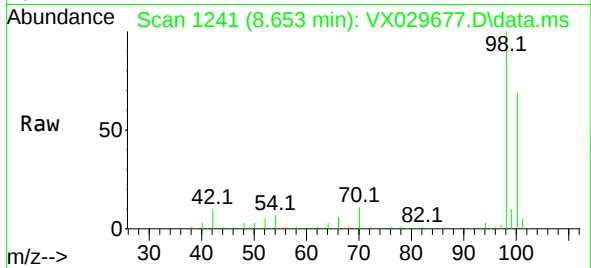




#50
Toluene-d8
Concen: 47.441 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029677.D
Acq: 21 Jun 2022 21:12

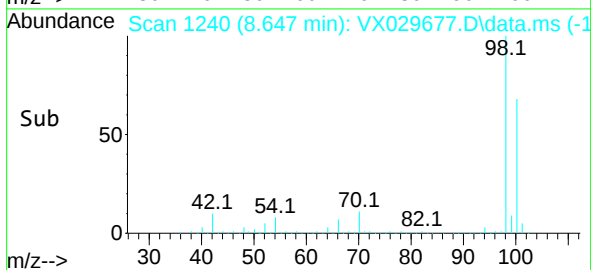
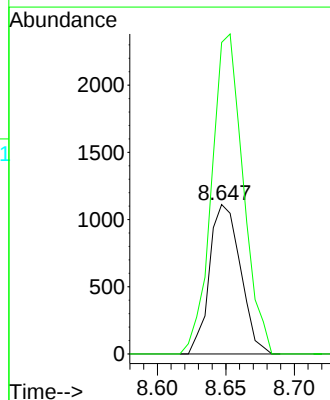
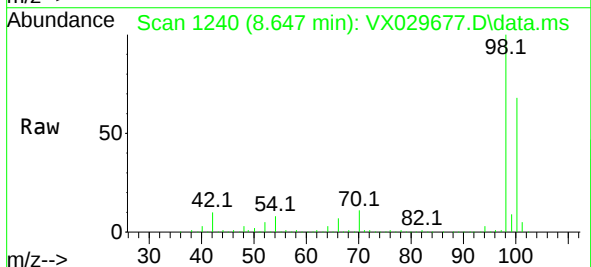
Instrument :
MSVOA_X
ClientSampleId :
TB061422

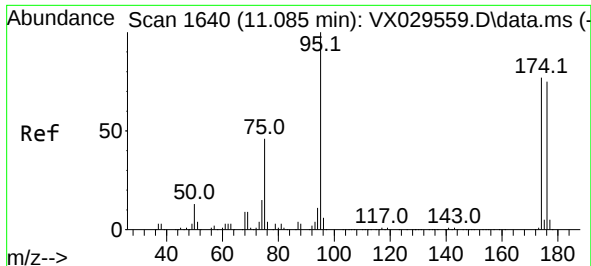
Tgt Ion: 98 Resp: 494268
Ion Ratio Lower Upper
98 100
100 67.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.441 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX029677.D
Acq: 21 Jun 2022 21:12

Tgt Ion: 43 Resp: 1750
Ion Ratio Lower Upper
43 100
58 217.9 36.1 54.1#

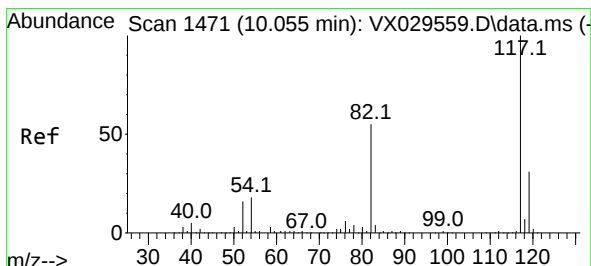
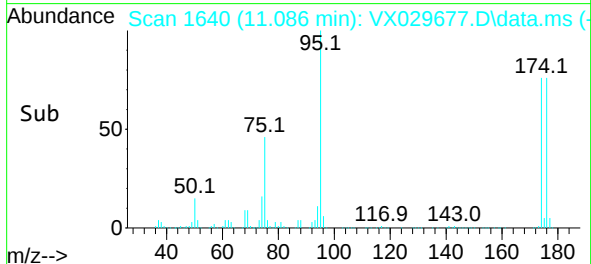
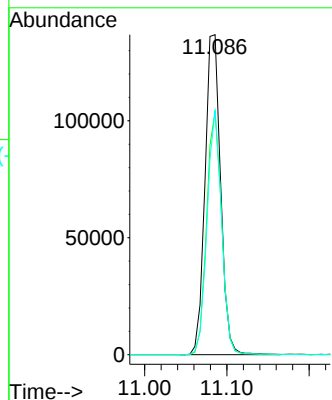
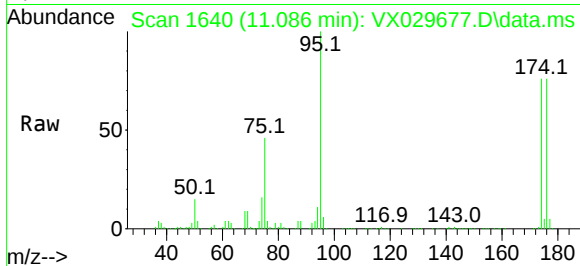




#62
4-Bromofluorobenzene
Concen: 45.903 ug/l
RT: 11.086 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029677.D
Acq: 21 Jun 2022 21:12

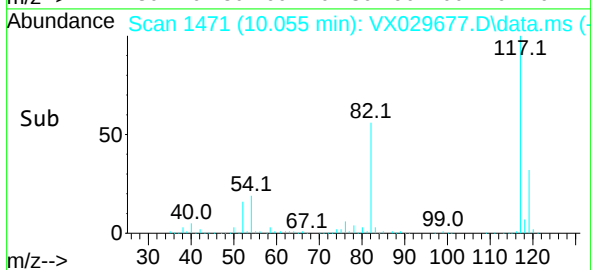
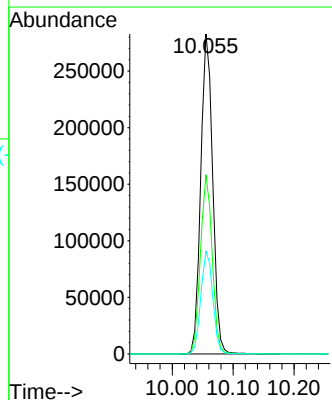
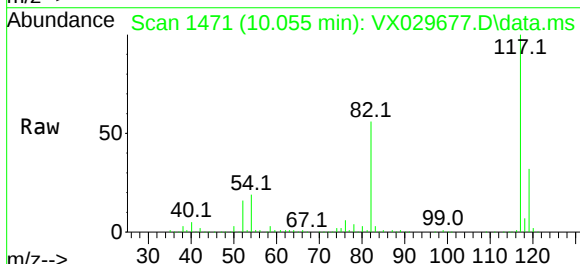
Instrument :
MSVOA_X
ClientSampleId :
TB061422

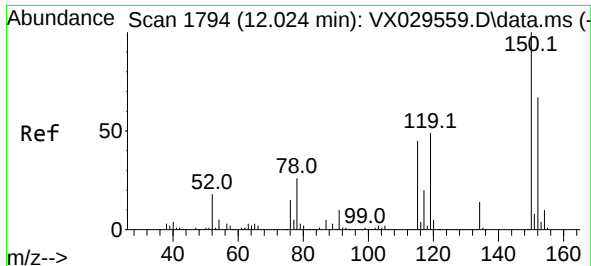
Tgt Ion: 95 Resp: 180354
Ion Ratio Lower Upper
95 100
174 72.8 0.0 163.0
176 71.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029677.D
Acq: 21 Jun 2022 21:12

Tgt Ion: 117 Resp: 384161
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 32.1 24.8 37.2

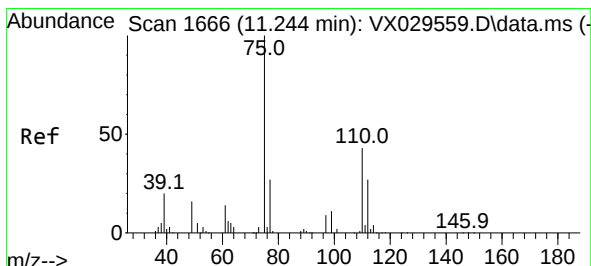
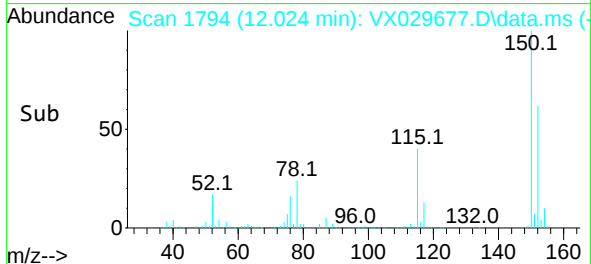
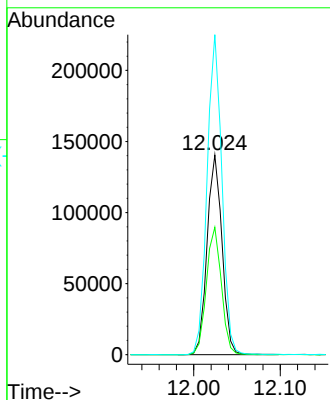
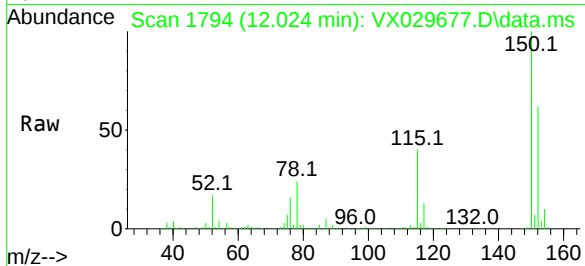




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029677.D
 Acq: 21 Jun 2022 21:12

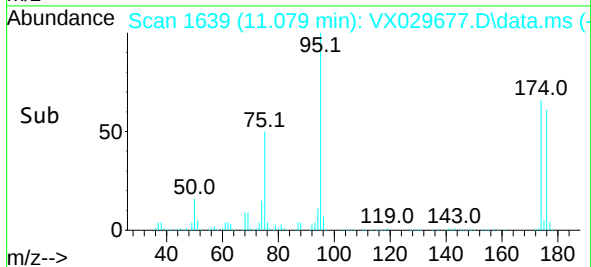
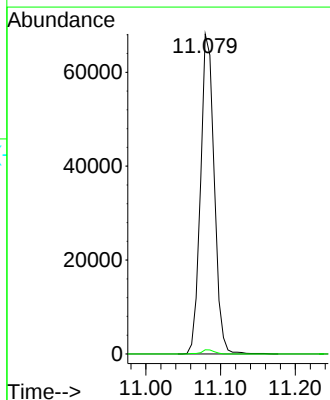
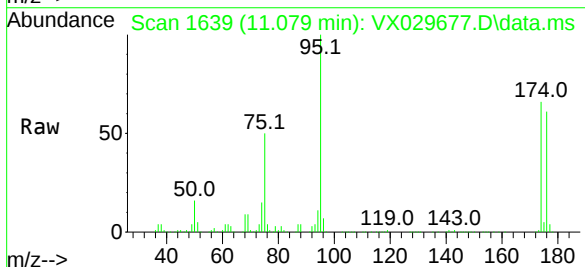
Instrument :
 MSVOA_X
 ClientSampleId :
 TB061422

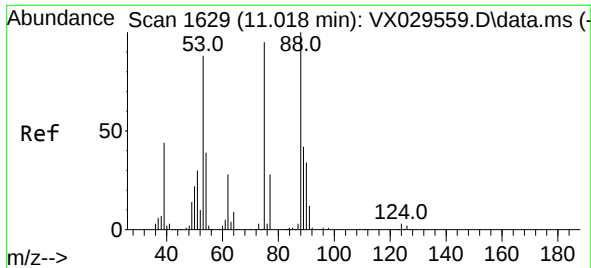
Tgt Ion:152 Resp: 168450
 Ion Ratio Lower Upper
 152 100
 115 64.0 37.5 112.7
 150 159.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.651 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029677.D
 Acq: 21 Jun 2022 21:12

Tgt Ion: 75 Resp: 86792
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.681 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029677.D
 Acq: 21 Jun 2022 21:12

Instrument :
 MSVOA_X
 ClientSampleId :
 TB061422

Tgt Ion: 75 Resp: 86792
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

