

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
 Data File : VX020100.D
 Acq On : 17 Dec 2020 05:31
 Operator : JC/MD
 Sample : L5036-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP-1

Quant Time: Dec 17 06:12:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	282780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	472666	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	432587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186416	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	187494	50.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.90%	
35) Dibromofluoromethane		5.46	113	148850	48.73	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.46%	
50) Toluene-d8		8.70	98	570509	48.92	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.84%	
62) 4-Bromofluorobenzene		11.12	95	200016	45.06	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.12%	

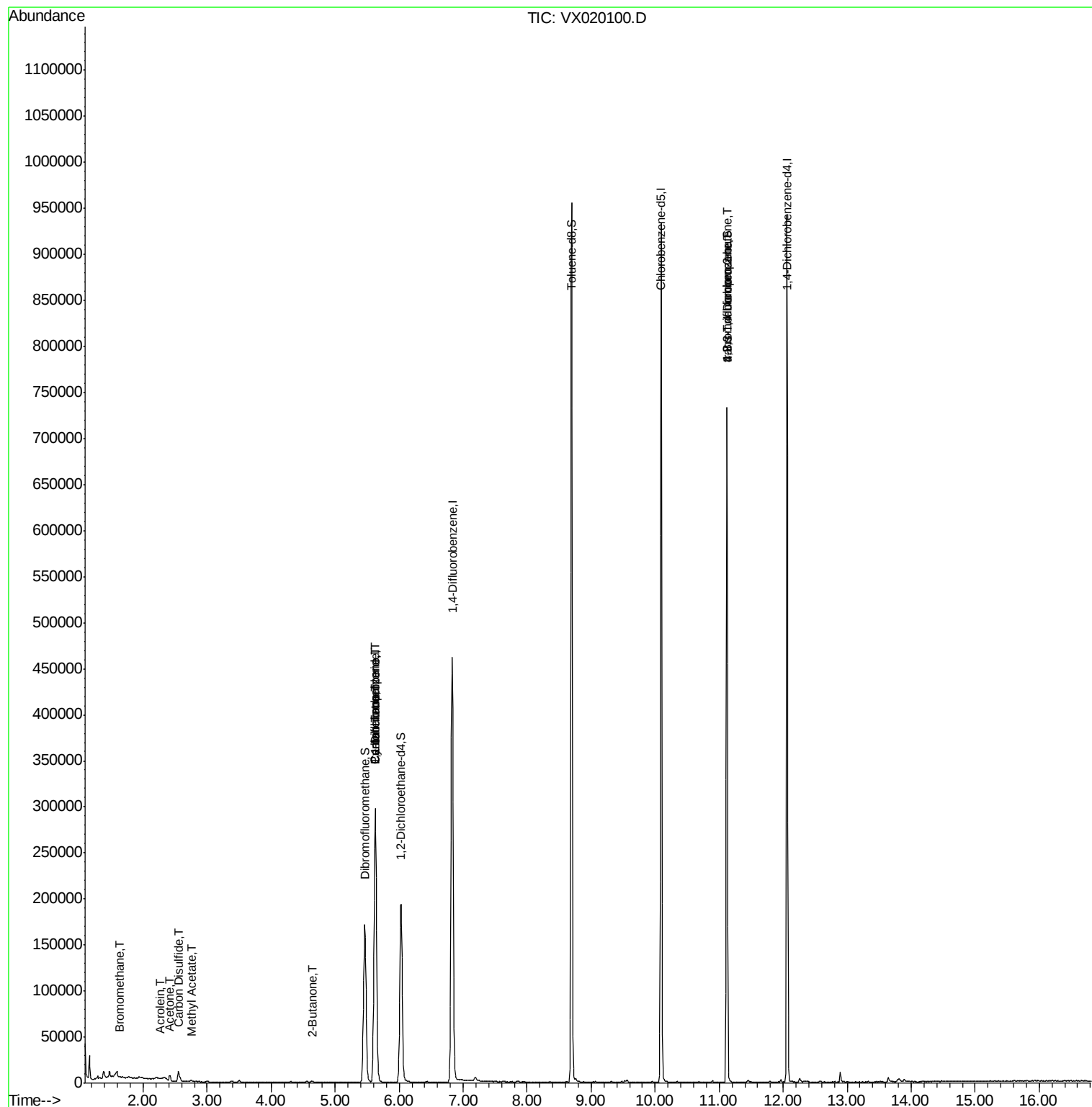
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	517	0.485	ug/l #	80
11) Tert butyl alcohol	3.00	59	702	Below Cal	#	73
13) Acrolein	2.27	56	211	0.514	ug/l #	1
16) Acetone	2.42	43	6022	4.311	ug/l	97
17) Carbon Disulfide	2.55	76	14564	1.959	ug/l	99
18) Methyl Acetate	2.75	43	1975	0.578	ug/l	90
20) Methylene Chloride	2.83	84	352	Below Cal		83
25) 2-Butanone	4.64	43	2074	0.966	ug/l	99
31) Cyclohexane	5.63	56	5560	1.203	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	21978	5.146	ug/l #	49
38) Carbon Tetrachloride	5.63	117	27524	6.581	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	96603	23.105	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	96603	66.793	ug/l #	12

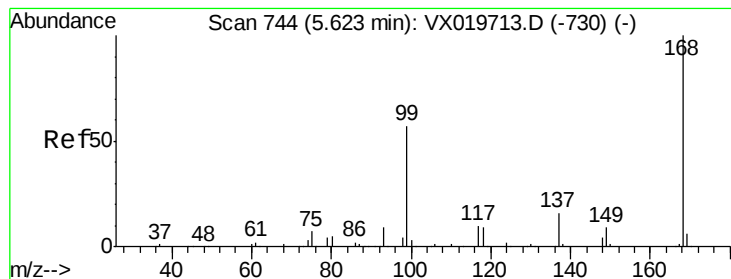
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020100.D
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MSVOA_X
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WP-1

Quant Time: Dec 17 06:12:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX020100.D

Acq: 17 Dec 2020 05:31

Instrument :

MSVOA_X

ClientSampleId :

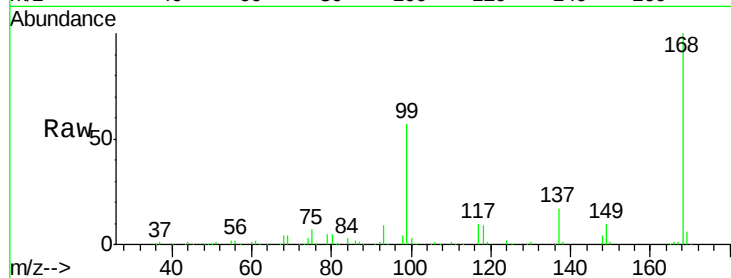
WP-1

Tgt Ion:168 Resp: 282780

Ion Ratio Lower Upper

168 100

99 56.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

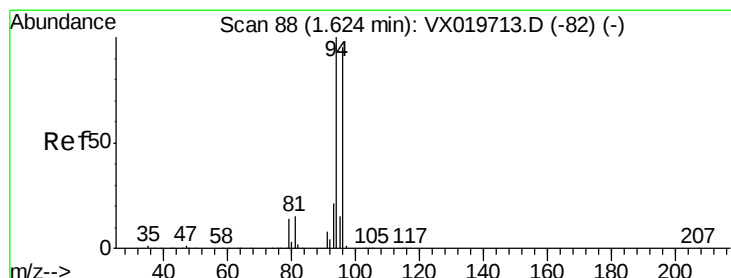
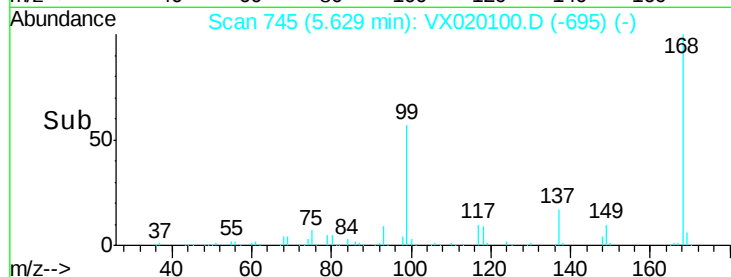
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.485 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX020100.D

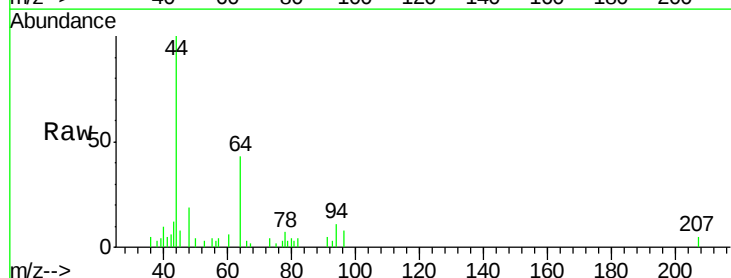
Acq: 17 Dec 2020 05:31

Tgt Ion: 94 Resp: 517

Ion Ratio Lower Upper

94 100

96 75.9 76.4 114.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

300

250

200

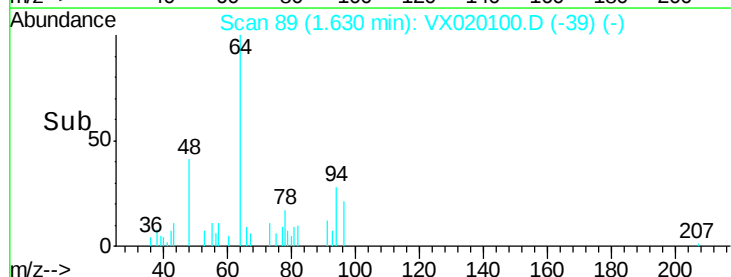
150

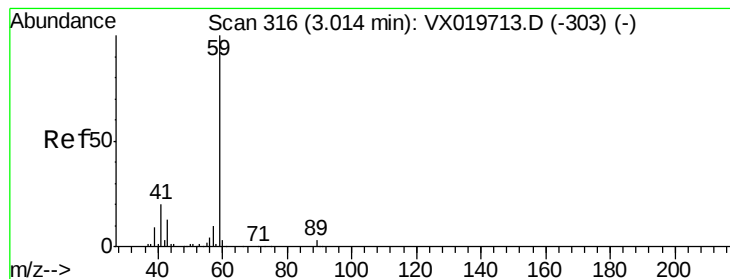
100

50

0

Time-->



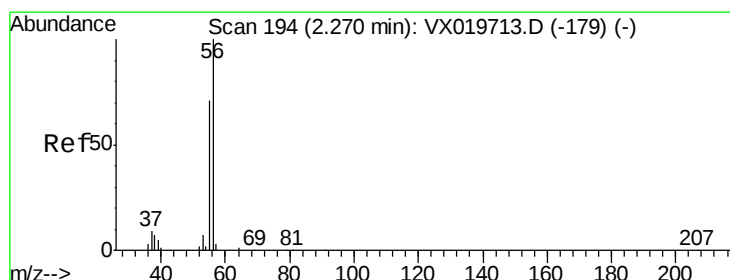
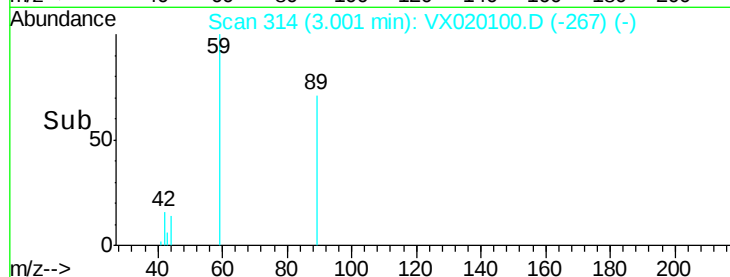
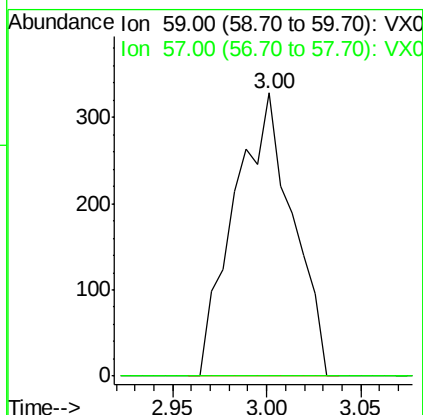
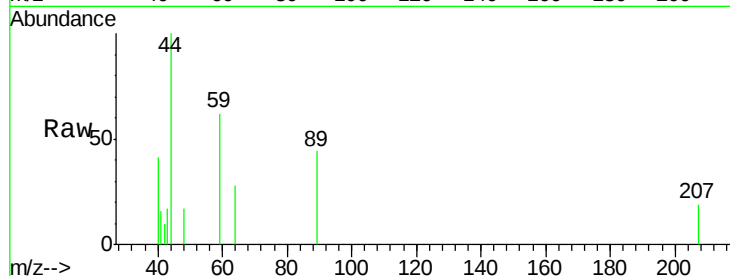


#11

Tert butyl alcohol
Concen: Below Cal
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX020100.D
Acq: 17 Dec 2020 05:31

Instrument :
MSVOA_X
ClientSampled :
WP-1

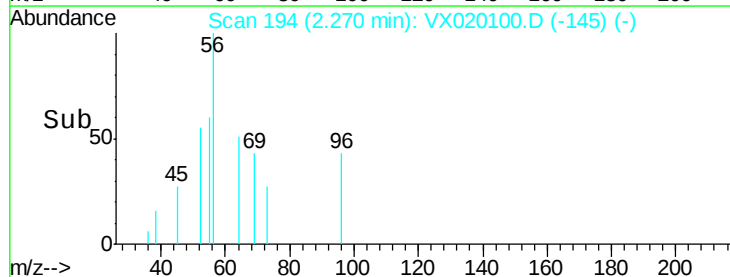
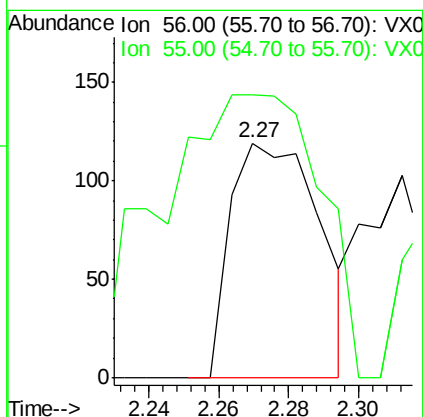
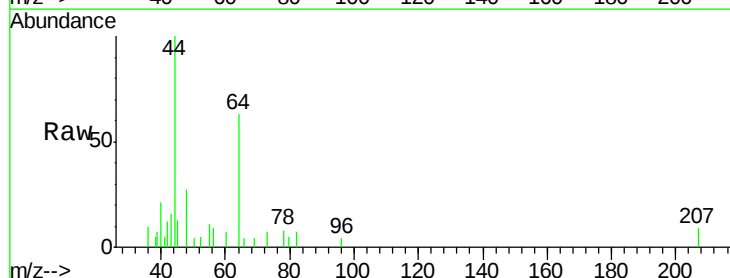
Tgt Ion: 59 Resp: 702
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

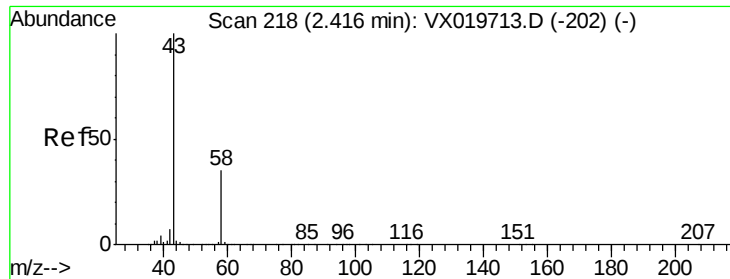


#13

Acrolein
Concen: 0.514 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX020100.D
Acq: 17 Dec 2020 05:31

Tgt Ion: 56 Resp: 211
Ion Ratio Lower Upper
56 100
55 215.2 56.4 84.6#





#16

Acetone

Concen: 4.311 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX020100.D

Acq: 17 Dec 2020 05:31

Instrument :

MSVOA_X

ClientSampled :

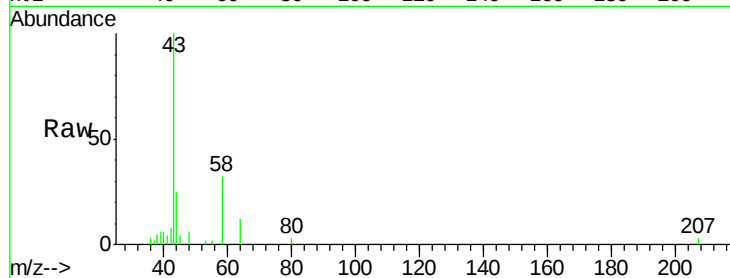
WP-1

Tgt Ion: 43 Resp: 6022

Ion Ratio Lower Upper

43 100

58 33.2 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

4000

3000

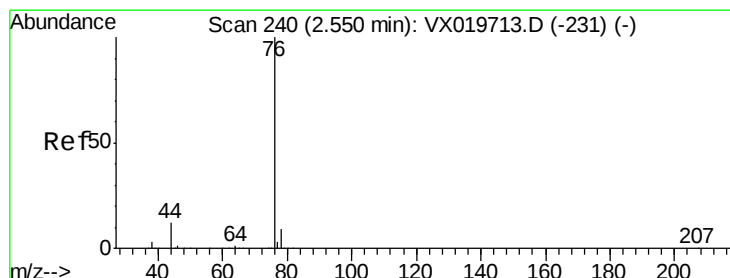
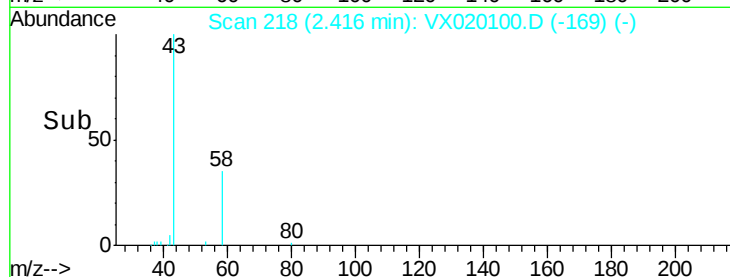
2000

1000

0

Time-->

2.35 2.40 2.45



#17

Carbon Disulfide

Concen: 1.959 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX020100.D

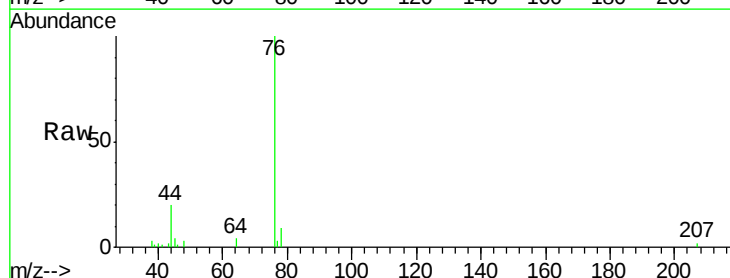
Acq: 17 Dec 2020 05:31

Tgt Ion: 76 Resp: 14564

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

10000

8000

6000

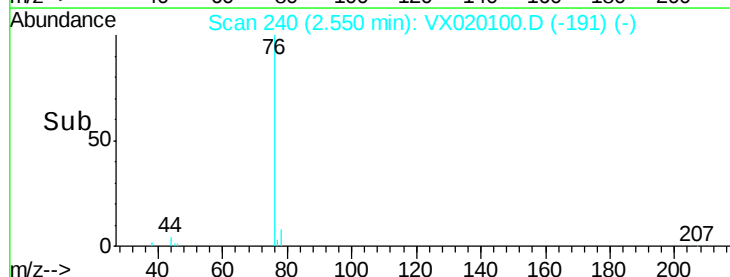
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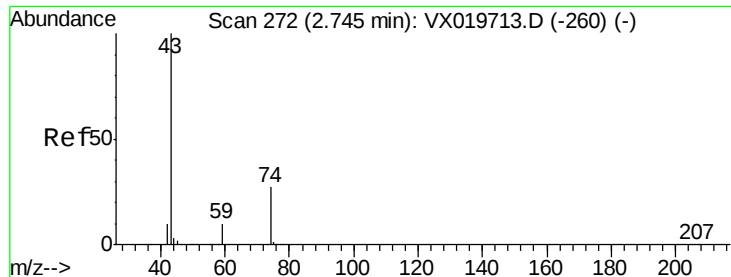
2000

0

Time-->

2.50 2.55 2.60

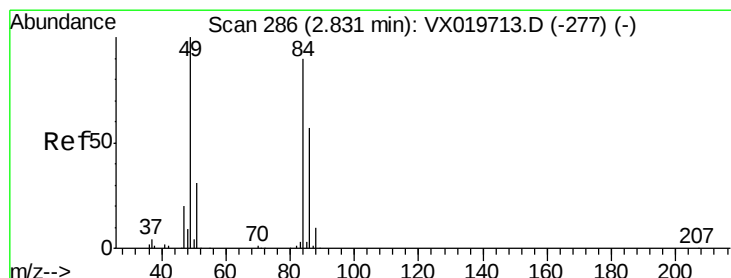
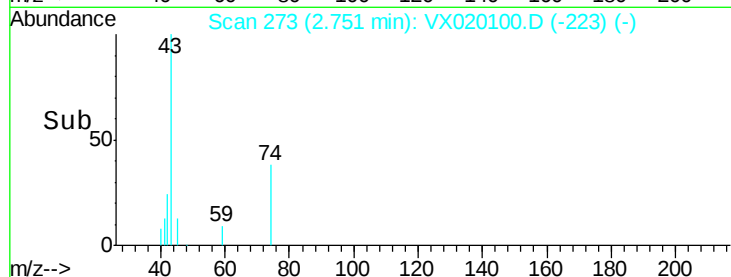
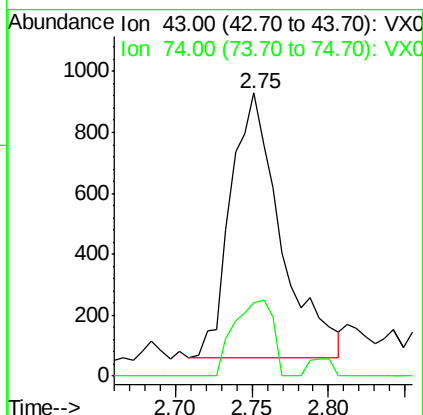
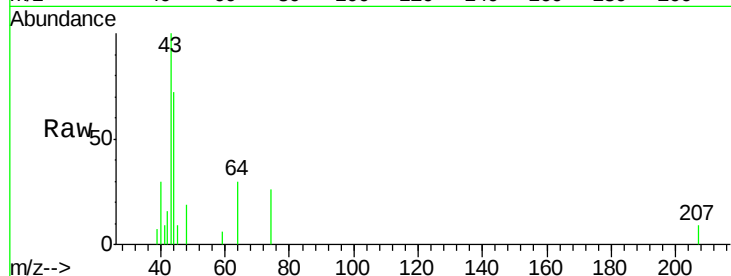




#18
Methyl Acetate
Concen: 0.578 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX020100.D
Acq: 17 Dec 2020 05:31

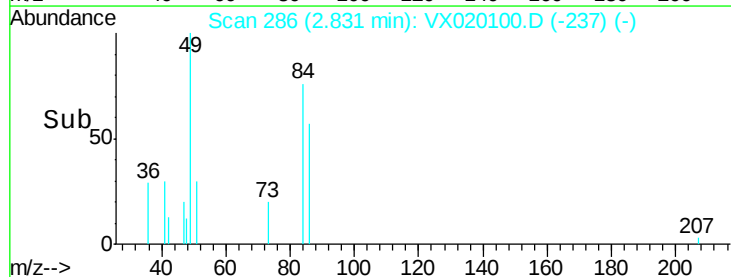
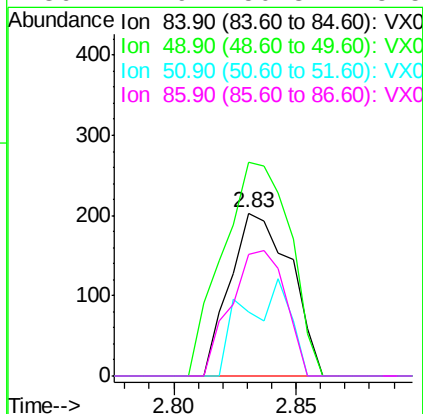
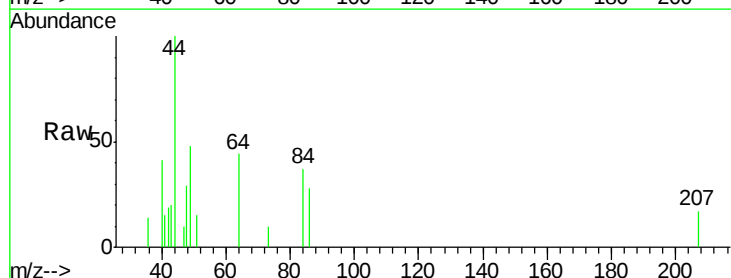
Instrument :
MSVOA_X
ClientSampled :
WP-1

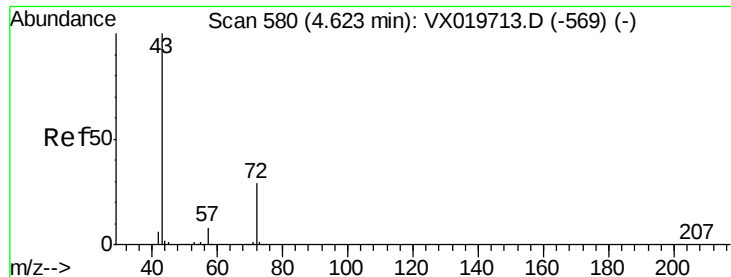
Tgt Ion: 43 Resp: 1975
Ion Ratio Lower Upper
43 100
74 22.2 21.9 32.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX020100.D
Acq: 17 Dec 2020 05:31

Tgt Ion: 84 Resp: 352
Ion Ratio Lower Upper
84 100
49 131.0 88.6 132.8
51 39.4 27.0 40.6
86 74.9 50.3 75.5

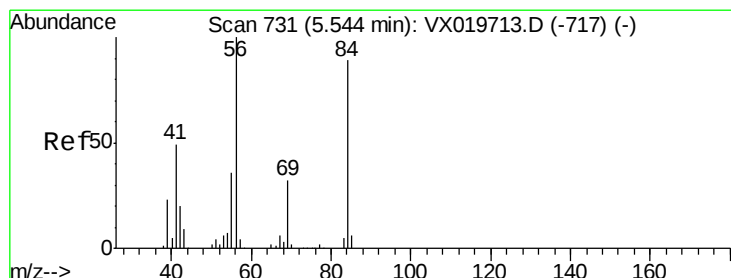
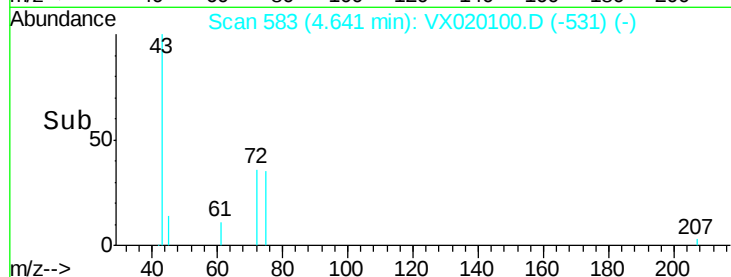
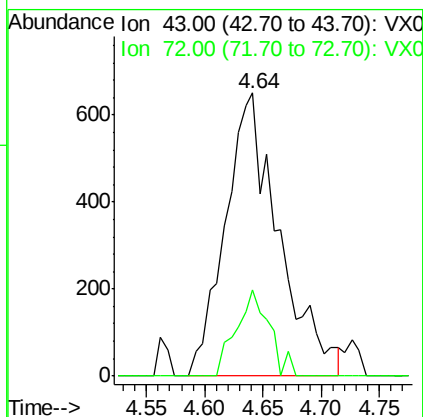
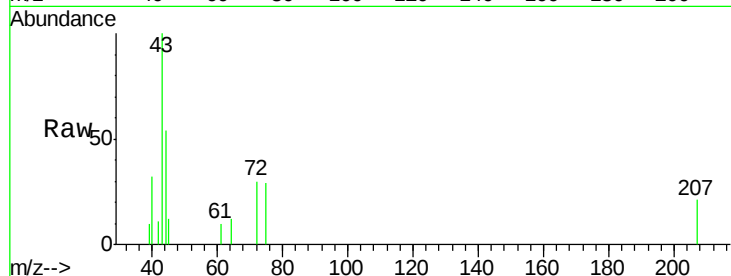




#25
2-Butanone
Concen: 0.966 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.02 min
Lab File: VX020100.D
Acq: 17 Dec 2020 05:31

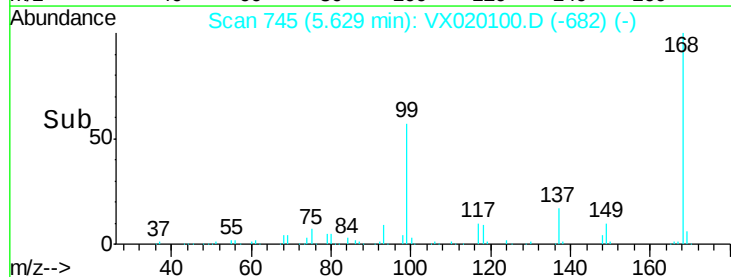
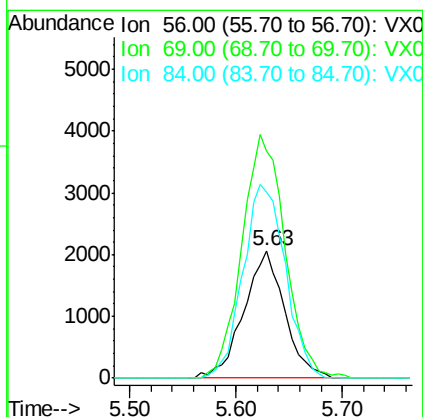
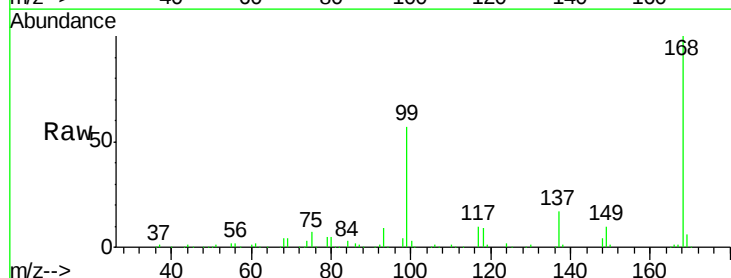
Instrument :
MSVOA_X
ClientSampleId :
WP-1

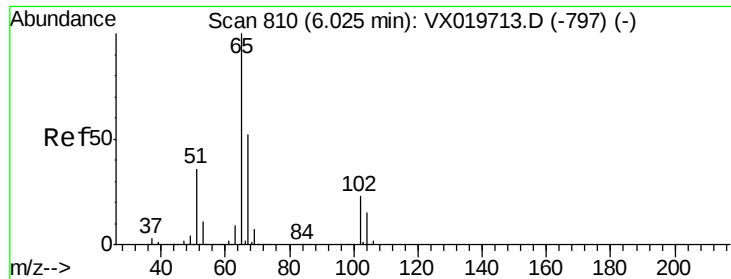
Tgt Ion: 43 Resp: 2074
Ion Ratio Lower Upper
43 100
72 30.3 23.7 35.5



#31
Cyclohexane
Concen: 1.203 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.09 min
Lab File: VX020100.D
Acq: 17 Dec 2020 05:31

Tgt Ion: 56 Resp: 5560
Ion Ratio Lower Upper
56 100
69 178.4 25.3 37.9#
84 145.8 71.4 107.0#

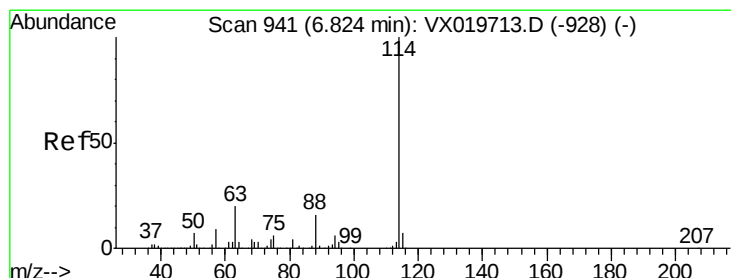
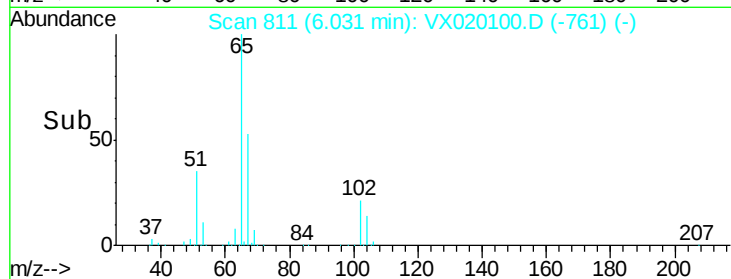
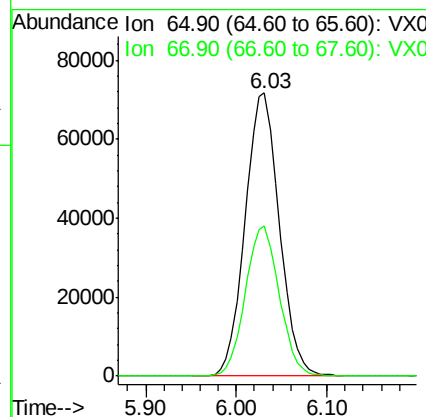
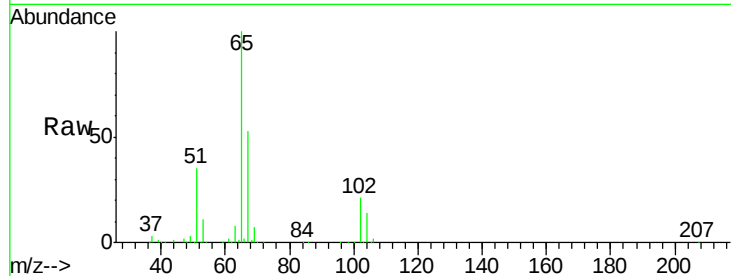




#33
 1,2-Dichloroethane-d4
 Concen: 50.448 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX020100.D
 Acq: 17 Dec 2020 05:31

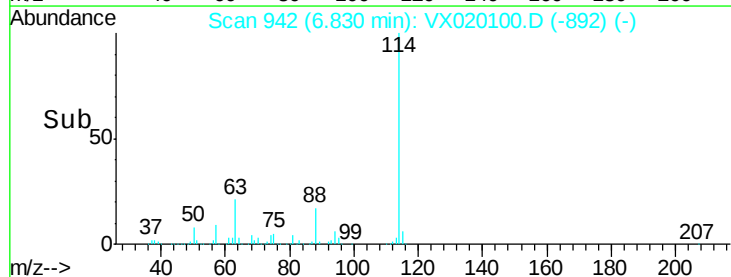
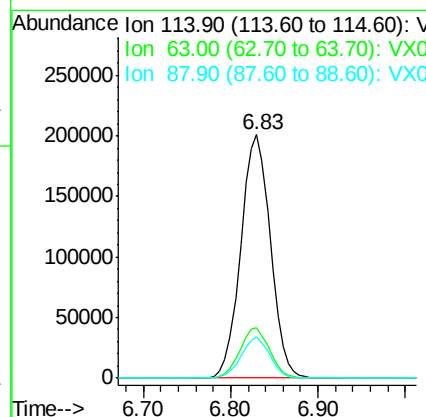
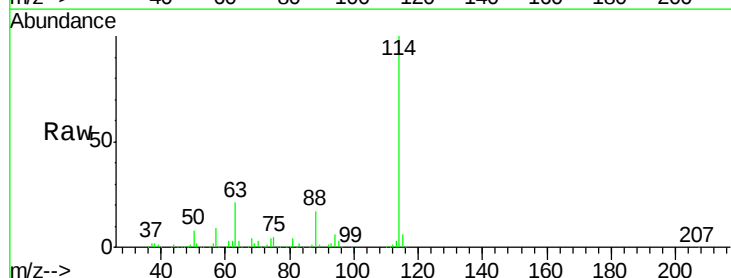
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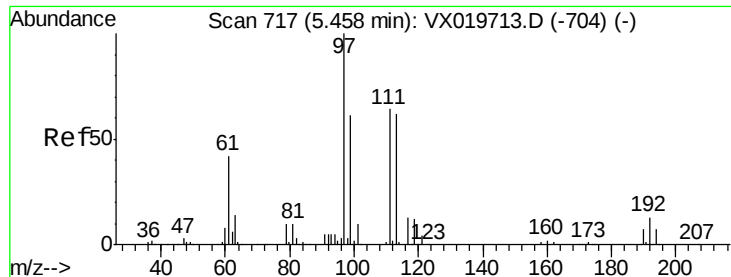
Tgt Ion: 65 Resp: 187494
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX020100.D
 Acq: 17 Dec 2020 05:31

Tgt Ion: 114 Resp: 472666
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.8
 88 16.7 0.0 32.8

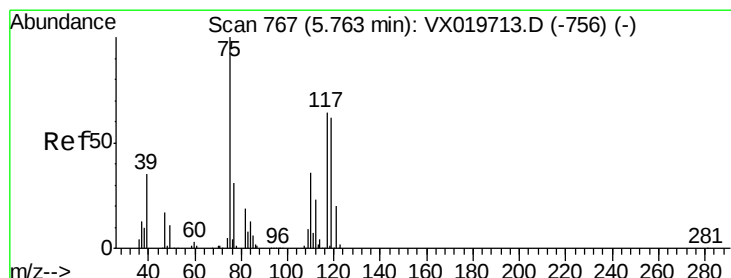
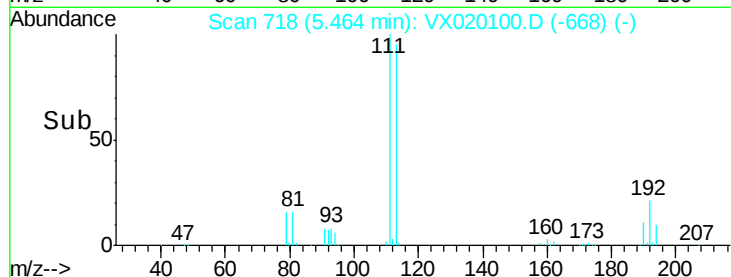
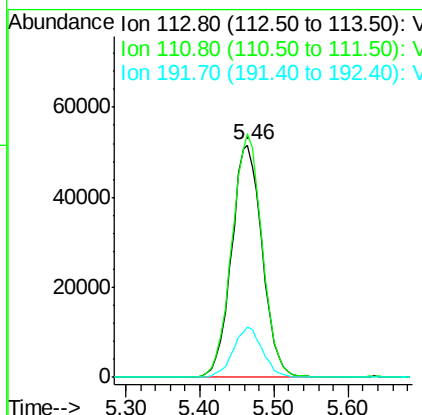
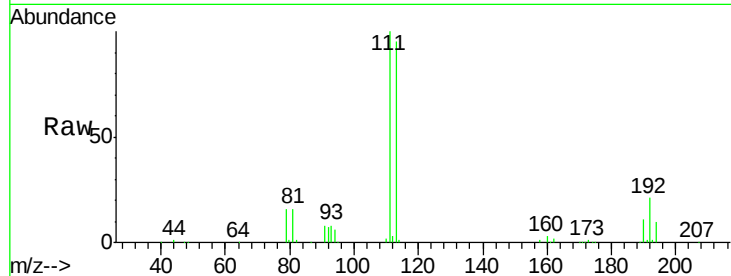




#35
 Dibromofluoromethane
 Concen: 48.727 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX020100.D
 Acq: 17 Dec 2020 05:31

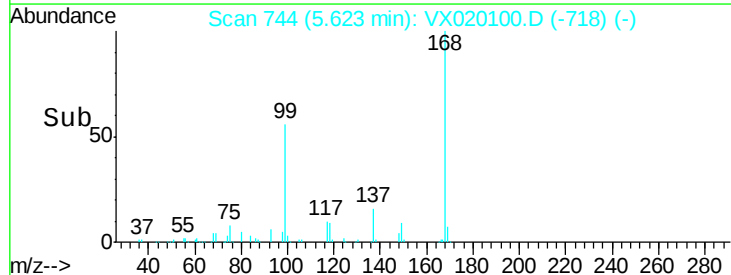
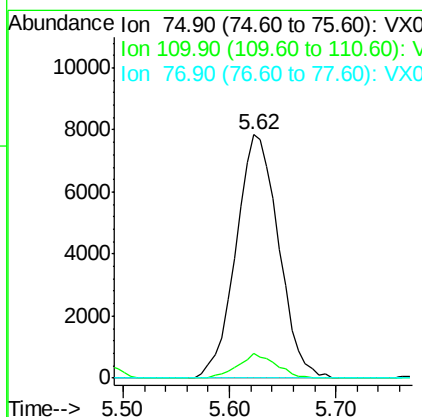
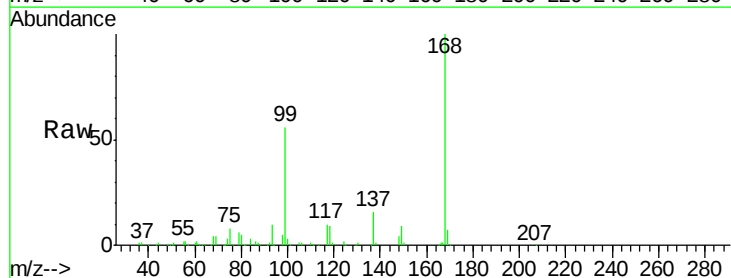
Instrument :
 MSVOA_X
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 WP-1

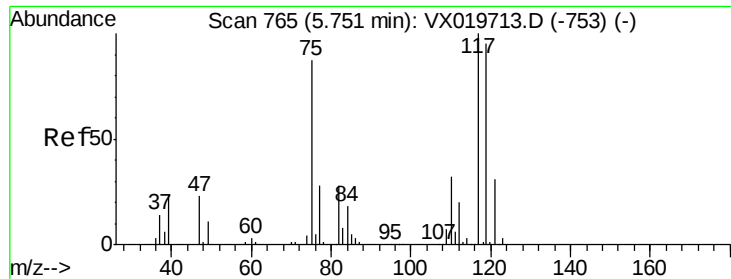
Tgt Ion:113 Resp: 148850
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.9 122.9
 192 20.6 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 5.146 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.14 min
 Lab File: VX020100.D
 Acq: 17 Dec 2020 05:31

Tgt Ion: 75 Resp: 21978
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.1 54.4#
 77 0.0 25.3 37.9#

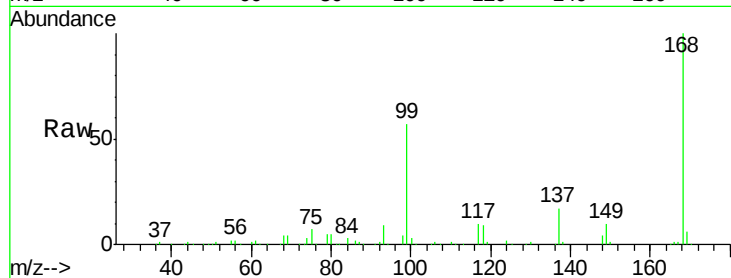




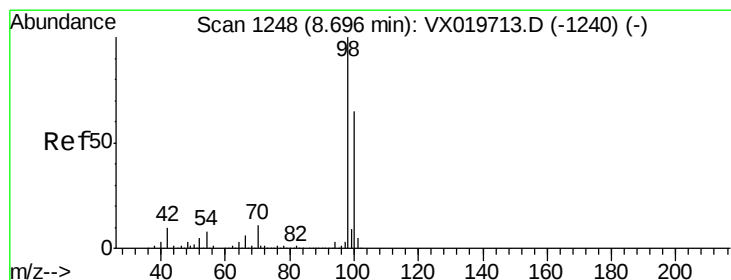
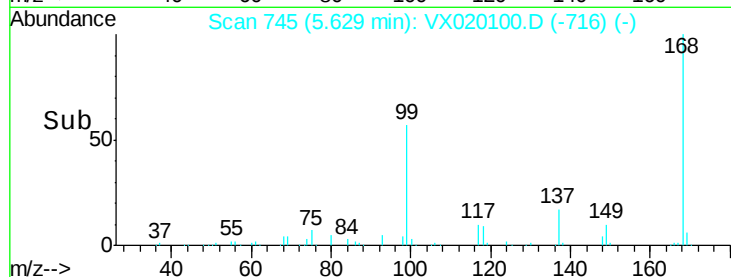
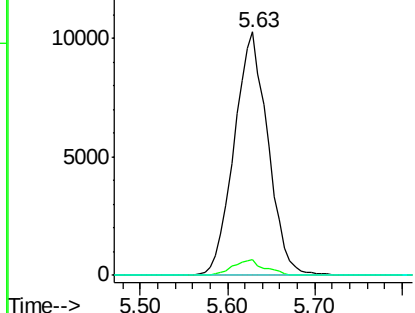
#38
Carbon Tetrachloride
Concen: 6.581 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX020100.D
Acq: 17 Dec 2020 05:31

Instrument :
MSVOA_X
ClientSampleId :
WP-1

Tgt Ion: 117 Resp: 27524
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.2#
121 0.0 24.8 37.2#

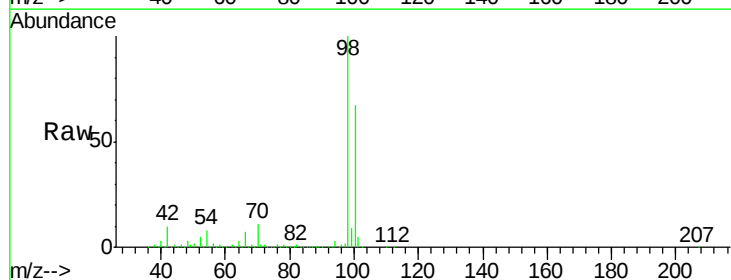


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

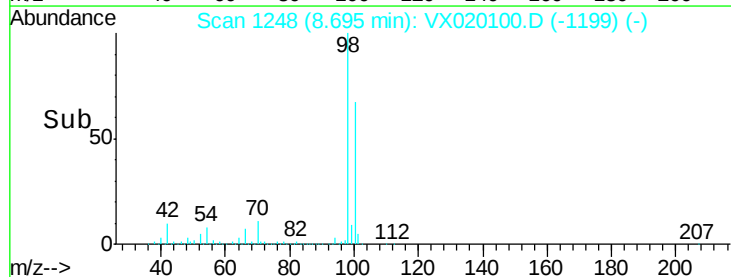
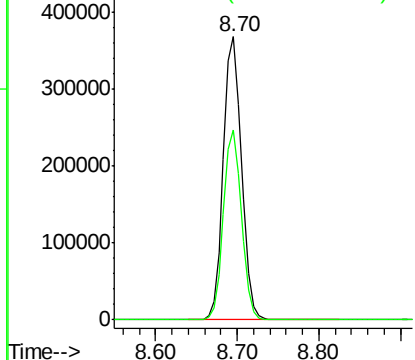


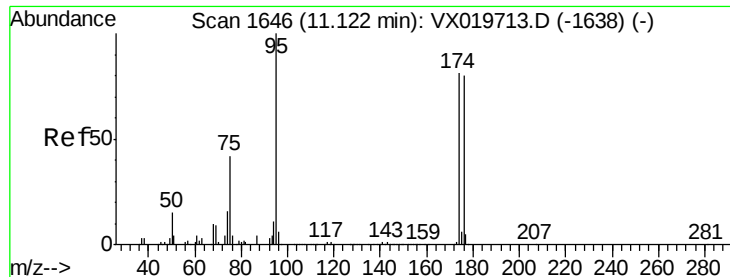
#50
Toluene-d8
Concen: 48.919 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX020100.D
Acq: 17 Dec 2020 05:31

Tgt Ion: 98 Resp: 570509
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.061 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX020100.D

Acq: 17 Dec 2020 05:31

Instrument :

MSVOA_X

ClientSampleId :

WP-1

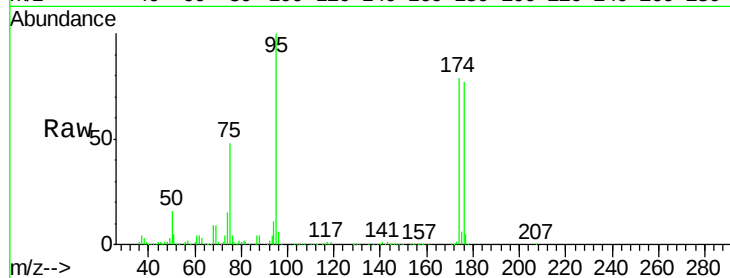
Tgt Ion: 95 Resp: 200016

Ion Ratio Lower Upper

95 100

174 77.0 0.0 154.6

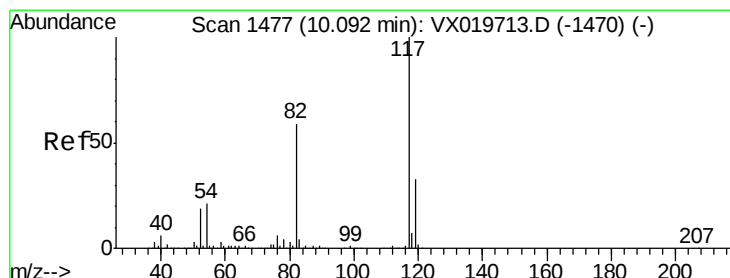
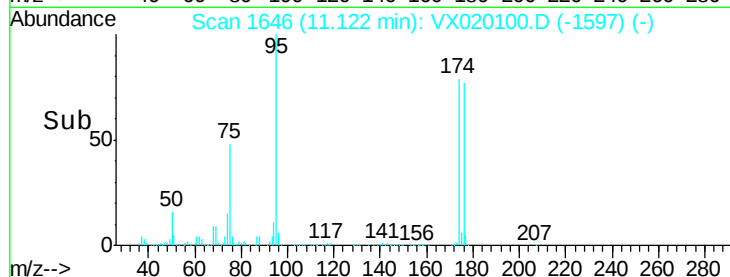
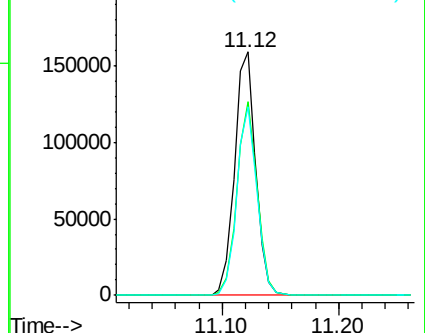
176 74.5 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX020100.D

Acq: 17 Dec 2020 05:31

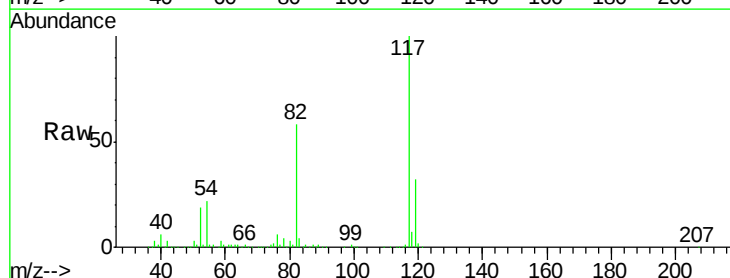
Tgt Ion: 117 Resp: 432587

Ion Ratio Lower Upper

117 100

82 58.4 47.4 71.2

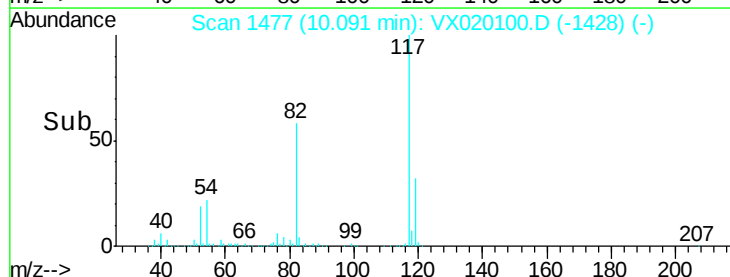
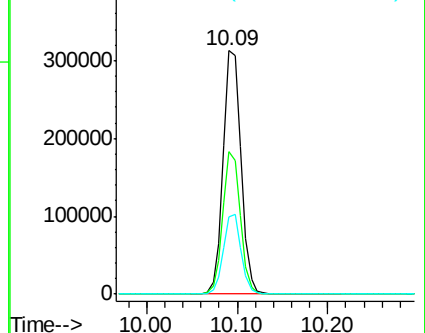
119 31.9 26.6 39.8

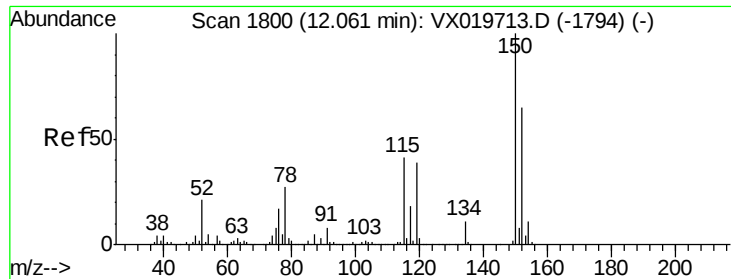


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX020100.D

Acq: 17 Dec 2020 05:31

Instrument :

MSVOA_X

ClientSampleId :

WP-1

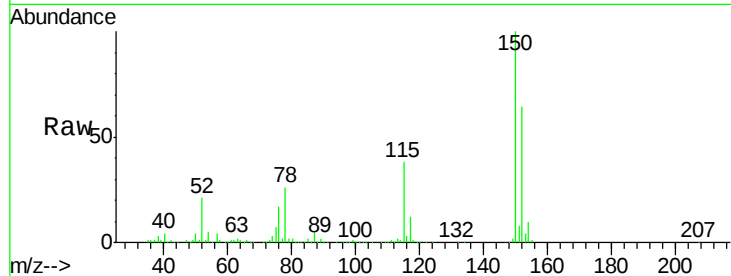
Tgt Ion:152 Resp: 186416

Ion Ratio Lower Upper

152 100

115 59.2 41.1 123.3

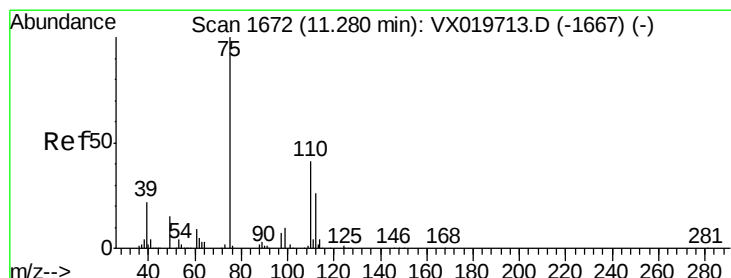
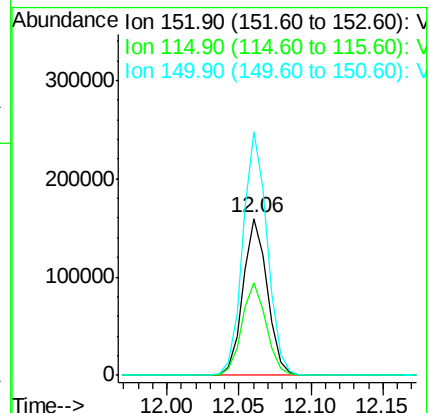
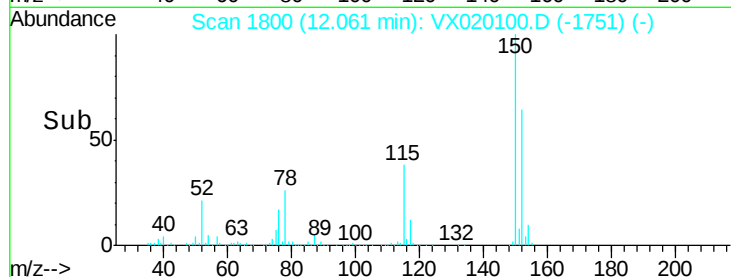
150 156.1 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 23.105 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX020100.D

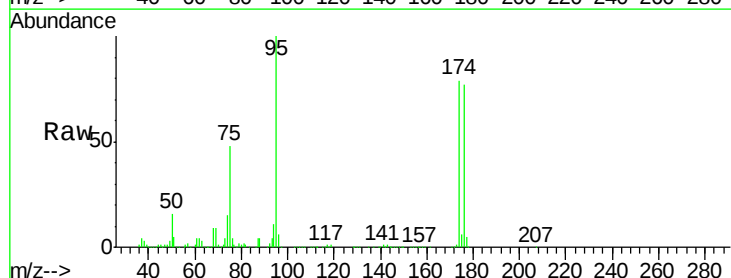
Acq: 17 Dec 2020 05:31

Tgt Ion: 75 Resp: 96603

Ion Ratio Lower Upper

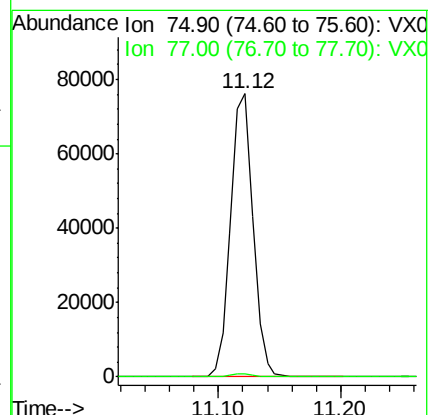
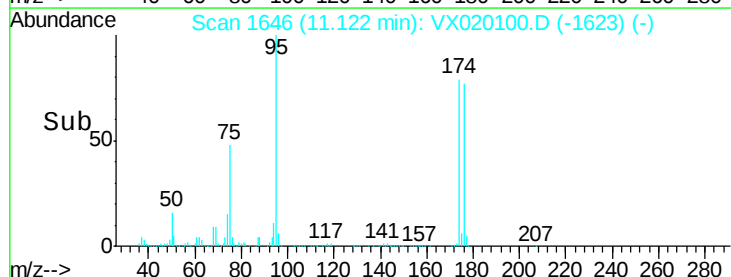
75 100

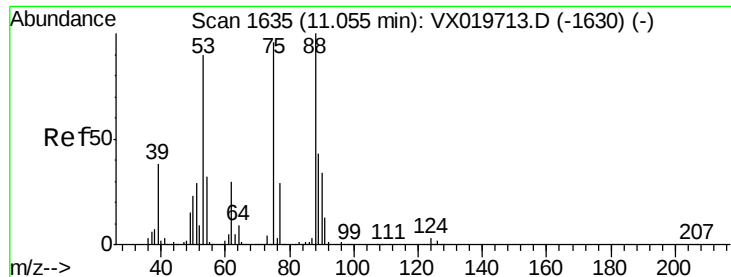
77 1.3 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 66.793 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX020100.D

Acq: 17 Dec 2020 05:31

Instrument :

MSVOA_X

ClientSampleId :

WP-1

Tgt Ion: 75 Resp: 96603

Ion Ratio Lower Upper

75 100

53 0.1 74.5 111.7#

89 0.0 37.9 56.9#

