

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092320\
 Data File : VX018542.D
 Acq On : 23 Sep 2020 18:23
 Operator : JC/SP
 Sample : VX0923WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBL01

Quant Time: Sep 24 00:36:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	474137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	736639	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	707531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	347590	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	329734	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
35) Dibromofluoromethane	5.47	113	255544	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
50) Toluene-d8	8.70	98	909381	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	11.12	95	332617	45.19	ug/l	0.00
Spiked Amount			Recovery	=	90.38%	

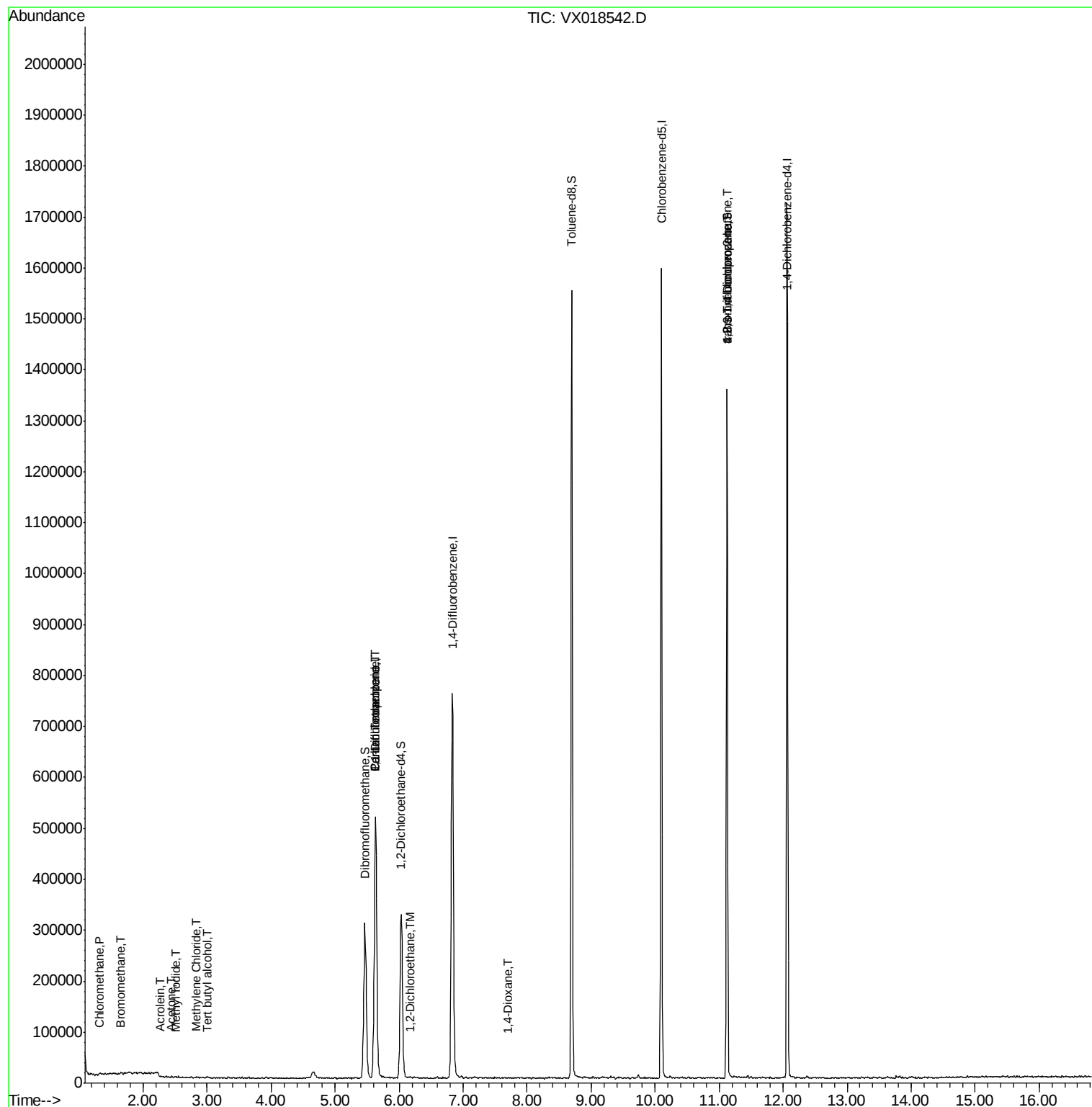
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1070	0.203	ug/l #	79
5) Bromomethane	1.65	94	1008	0.295	ug/l	96
10) Methyl Iodide	2.51	142	1118	5.093	ug/l #	66
11) Tert butyl alcohol	3.00	59	1301	1.115	ug/l #	90
13) Acrolein	2.26	56	408	0.552	ug/l #	39
16) Acetone	2.44	43	1597	0.623	ug/l #	78
20) Methylene Chloride	2.83	84	1319	0.233	ug/l #	90
36) 1,1-Dichloropropene	5.63	75	36656	5.127	ug/l #	52
38) Carbon Tetrachloride	5.63	117	49441	6.244	ug/l #	19
42) 1,2-Dichloroethane	6.17	62	1730	0.217	ug/l #	77
49) 1,4-Dioxane	7.70	88	88	0.864	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	174743	23.923	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	174743	61.302	ug/l #	13

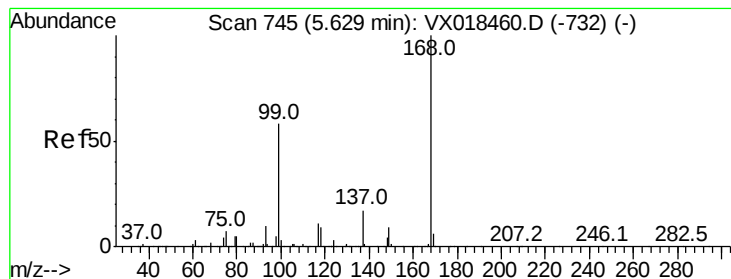
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092320\
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Quant Time: Sep 24 00:36:59 2020
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018542.D

Acq: 23 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

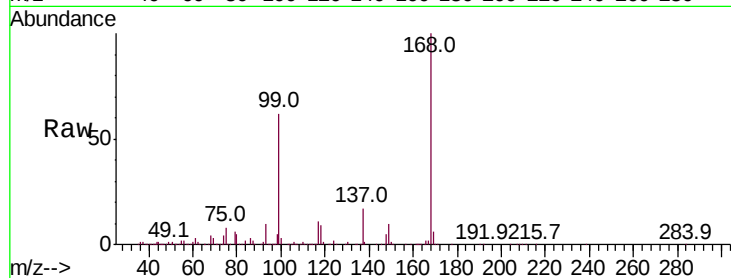
VX0923WBL01

Tot Ion:168 Resp: 474137

Ion Ratio Lower Upper

168 100

99 61.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

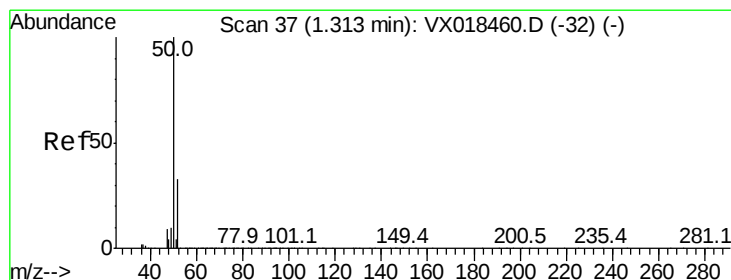
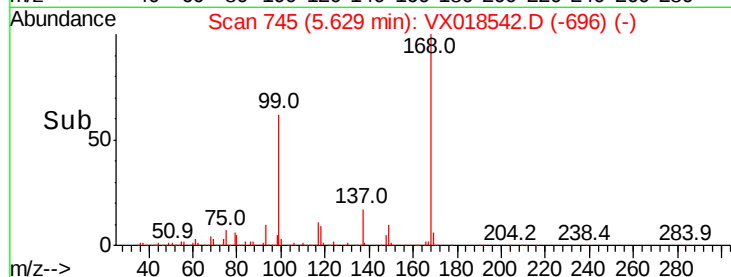
100000

50000

0

Time-->

5.50 5.60 5.70



#3

Chloromethane

Concen: 0.203 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018542.D

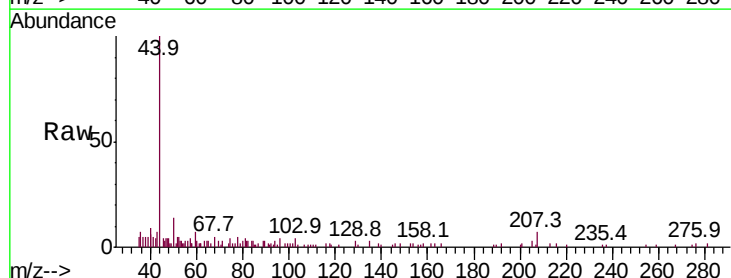
Acq: 23 Sep 2020 18:23

Tgt Ion: 50 Resp: 1070

Ion Ratio Lower Upper

50 100

52 45.4 26.6 40.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

800

600

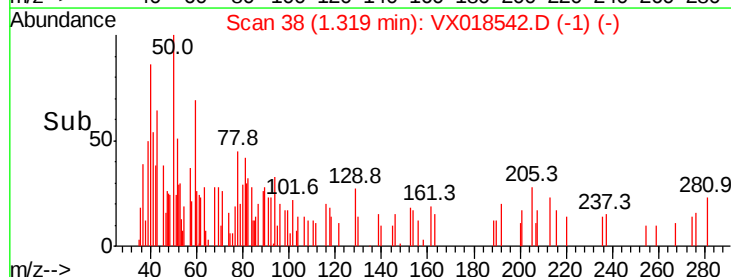
400

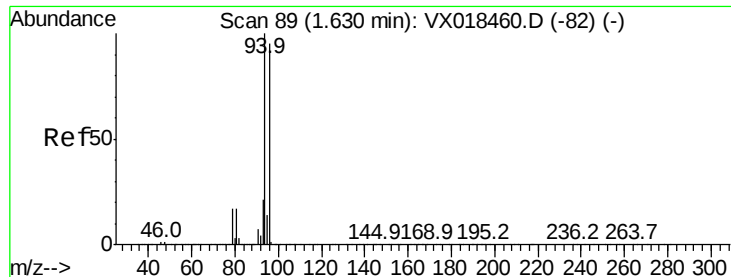
200

0

Time-->

1.25 1.30 1.35





#5

Bromomethane

Concen: 0.295 ug/l

RT: 1.65 min Scan# 92

Delta R.T. 0.02 min

Lab File: VX018542.D

Acq: 23 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

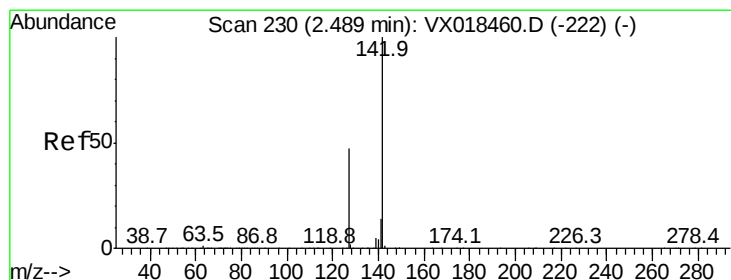
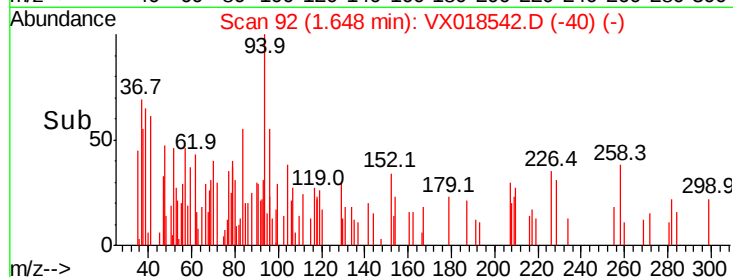
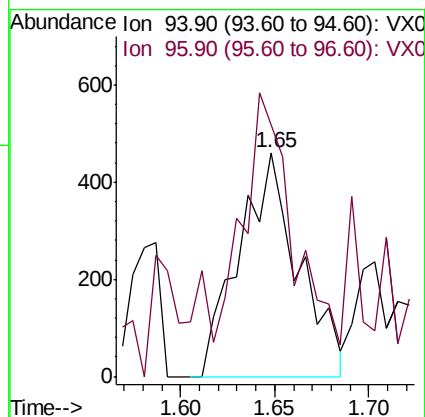
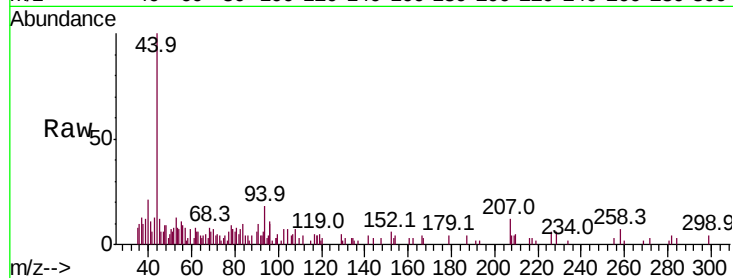
VX0923WBL01

Tot Ion: 94 Resp: 1008

Ion Ratio Lower Upper

94 100

96 98.3 75.5 113.3



#10

Methyl Iodide

Concen: 5.093 ug/l

RT: 2.51 min Scan# 234

Delta R.T. 0.02 min

Lab File: VX018542.D

Acq: 23 Sep 2020 18:23

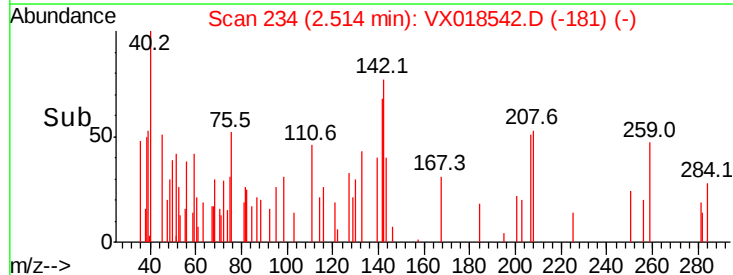
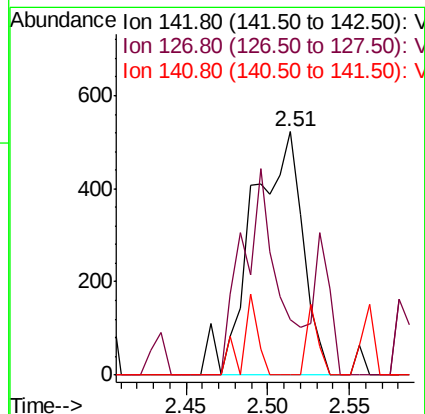
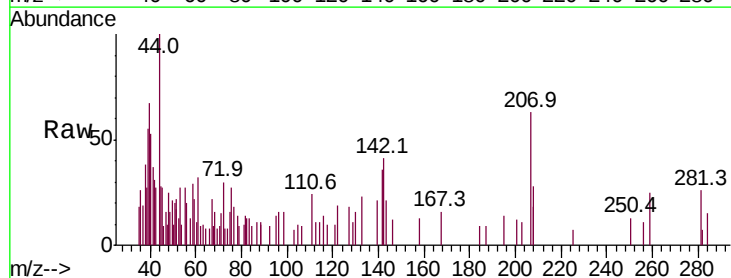
Tgt Ion: 142 Resp: 1118

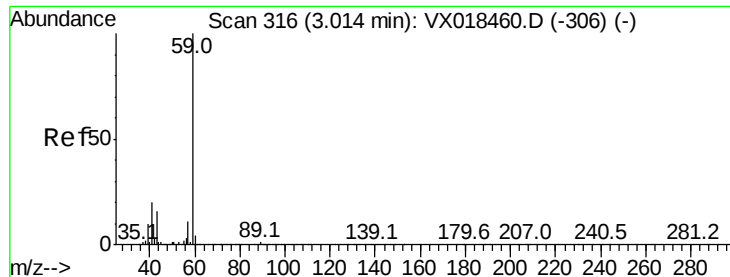
Ion Ratio Lower Upper

142 100

127 19.6 36.0 54.0#

141 7.0 11.9 17.9#



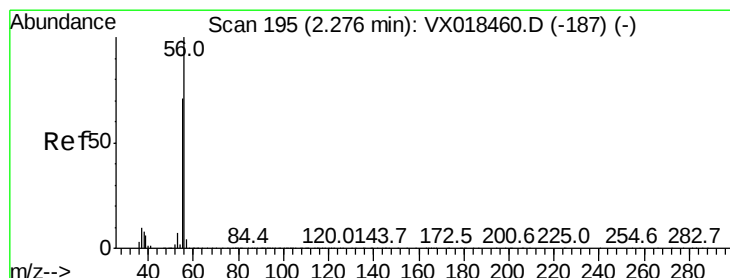
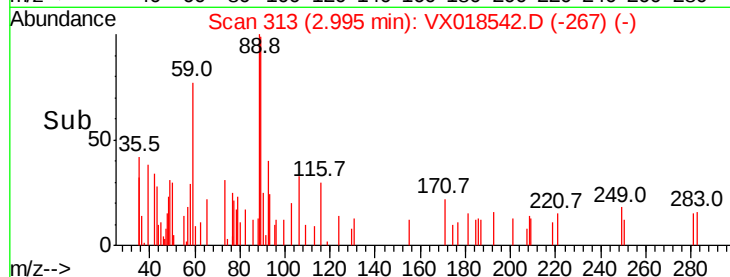
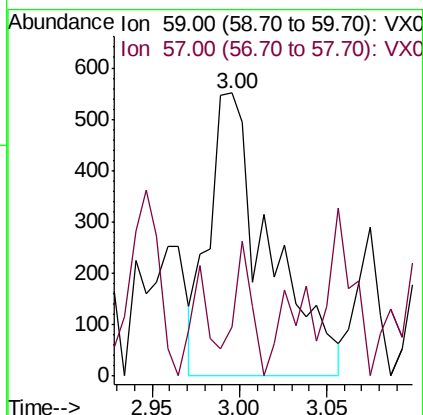
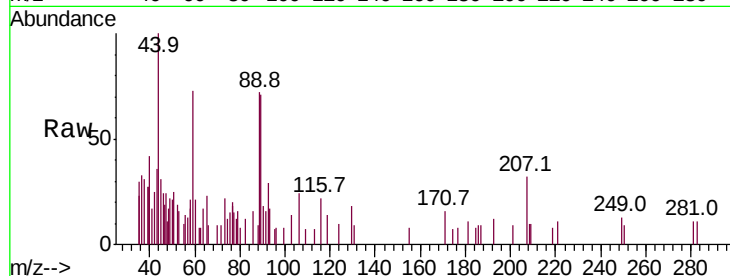


#11

Tert butyl alcohol
Concen: 1.115 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX018542.D
Acq: 23 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL01

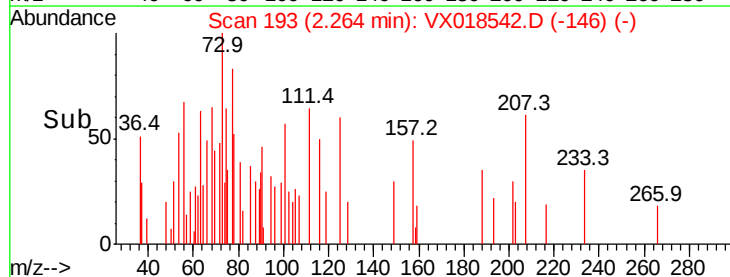
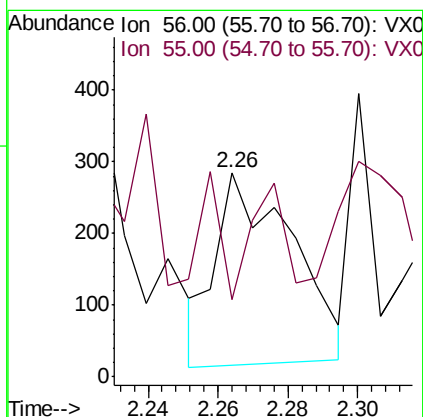
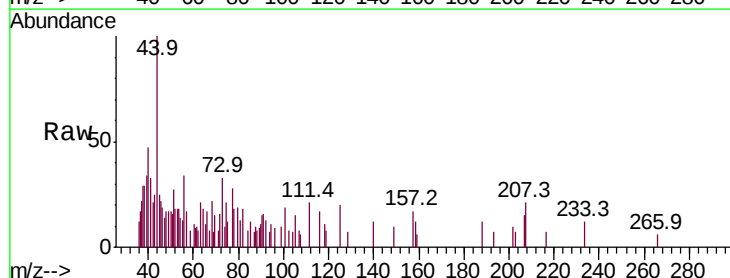
Tot Ion: 59 Resp: 1301
Ion Ratio Lower Upper
59 100
57 13.9 8.2 12.4#

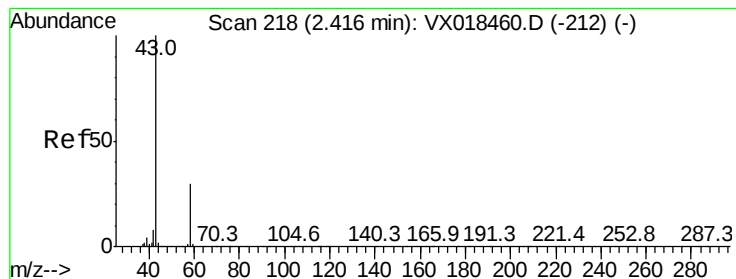


#13

Acrolein
Concen: 0.552 ug/l
RT: 2.26 min Scan# 193
Delta R.T. -0.01 min
Lab File: VX018542.D
Acq: 23 Sep 2020 18:23

Tgt Ion: 56 Resp: 408
Ion Ratio Lower Upper
56 100
55 21.6 58.2 87.4#





#16

Acetone

Concen: 0.623 ug/l

RT: 2.44 min Scan# 222

Delta R.T. 0.02 min

Lab File: VX018542.D

Acq: 23 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

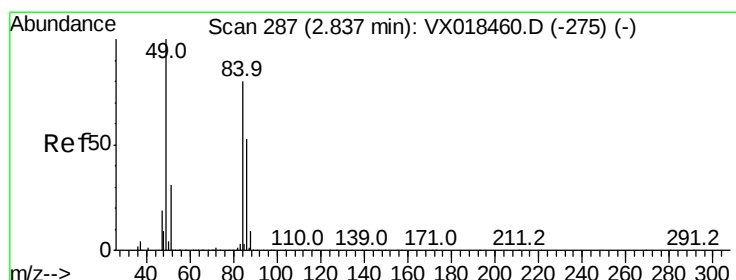
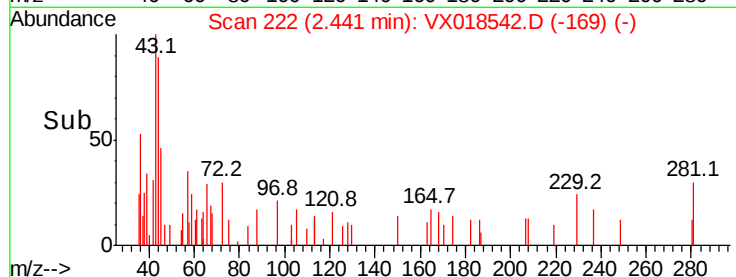
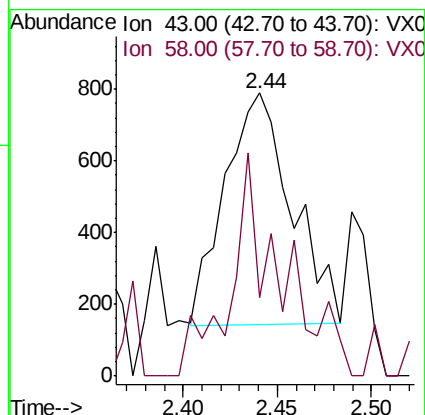
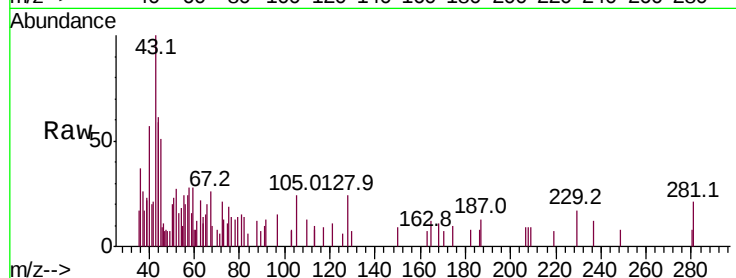
VX0923WBL01

Tot Ion: 43 Resp: 1597

Ion Ratio Lower Upper

43 100

58 18.2 24.0 36.0#



#20

Methylene Chloride

Concen: 0.233 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX018542.D

Acq: 23 Sep 2020 18:23

Tgt Ion: 84 Resp: 1319

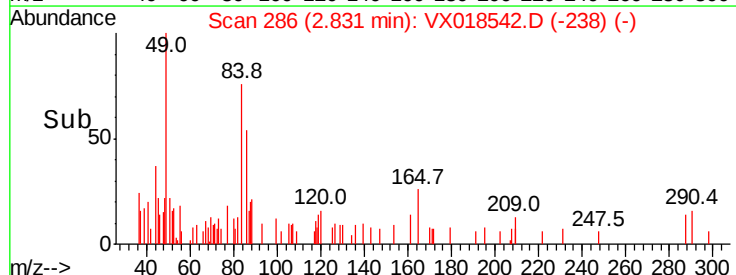
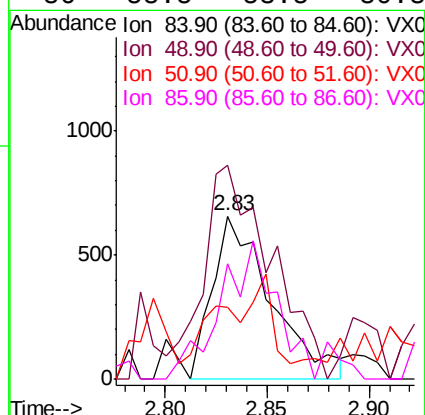
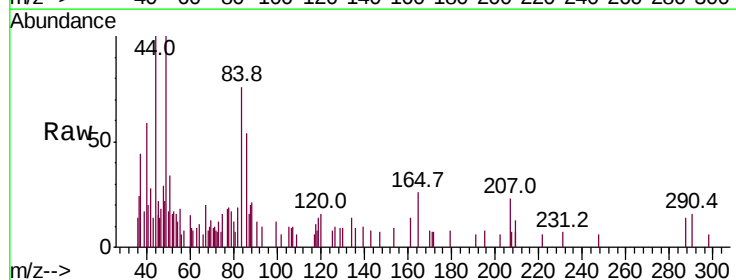
Ion Ratio Lower Upper

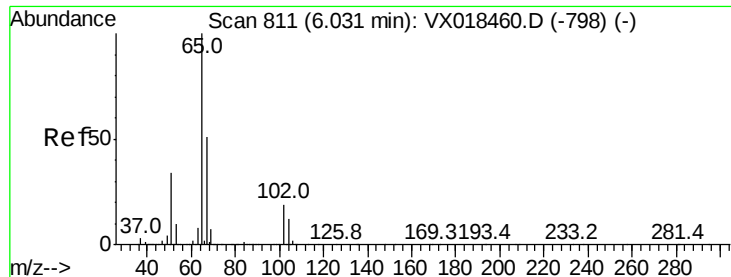
84 100

49 117.2 100.6 151.0

51 50.8 30.9 46.3#

86 58.5 53.5 80.3





#33

1,2-Dichloroethane-d4

Concen: 49.160 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018542.D

Acq: 23 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

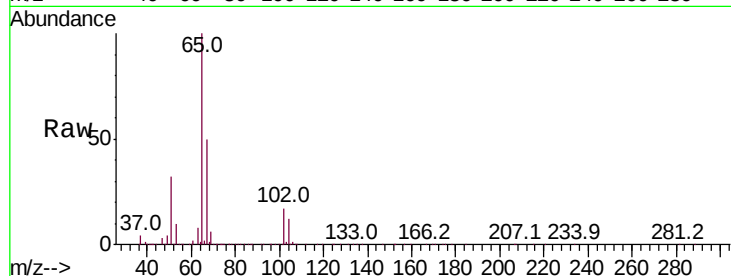
VX0923WBL01

Tot Ion: 65 Resp: 329734

Ion Ratio Lower Upper

65 100

67 49.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

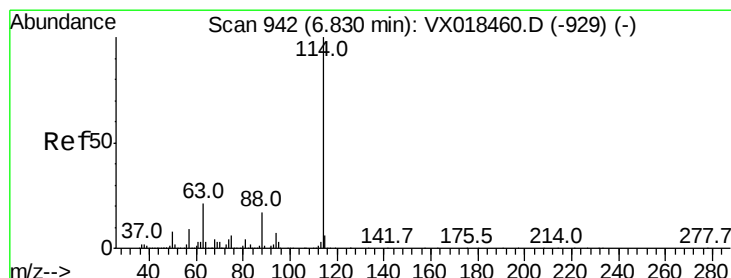
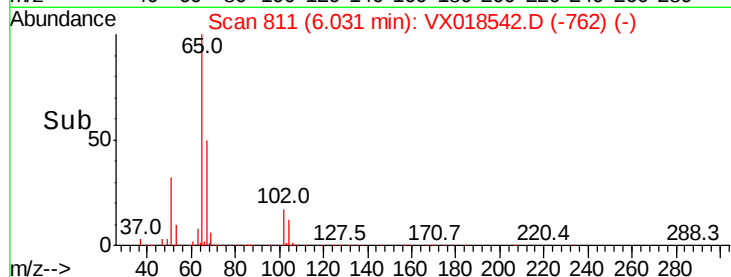
100000

50000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018542.D

Acq: 23 Sep 2020 18:23

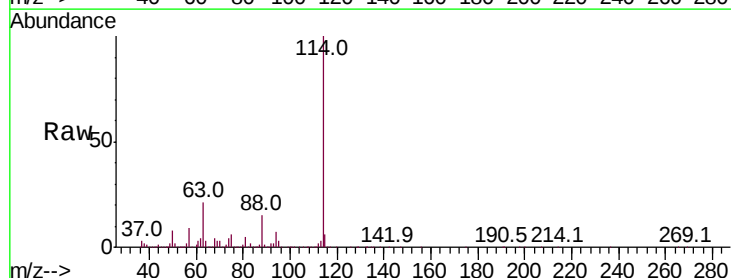
Tgt Ion: 114 Resp: 736639

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

88 15.1 0.0 33.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

300000

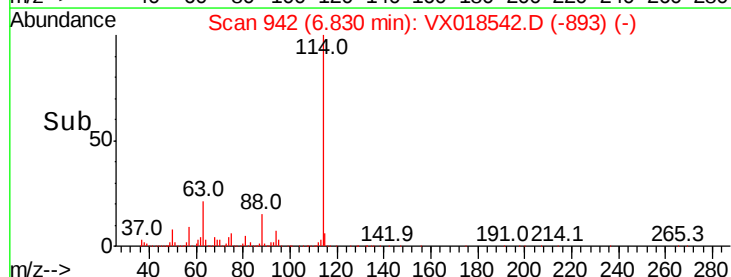
200000

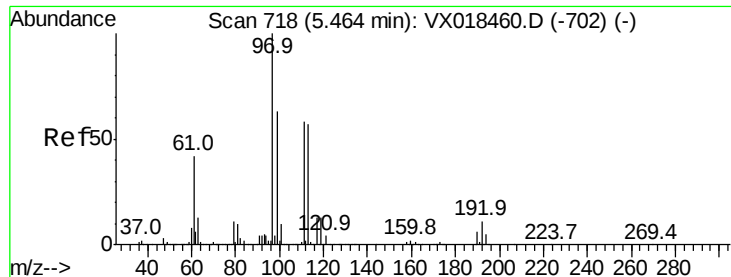
100000

0

6.70 6.80 6.90 7.00

Time-->

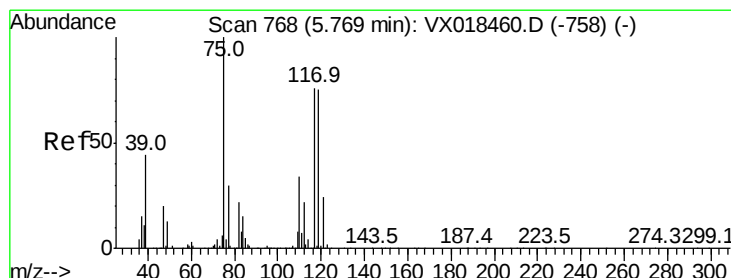
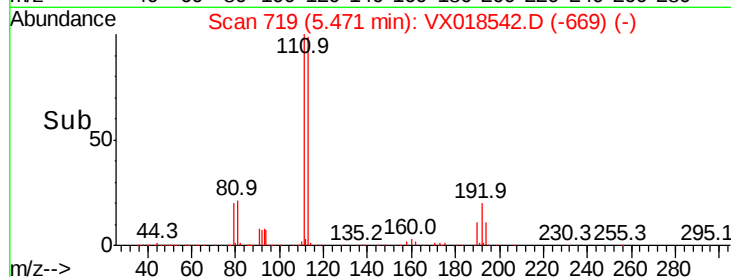
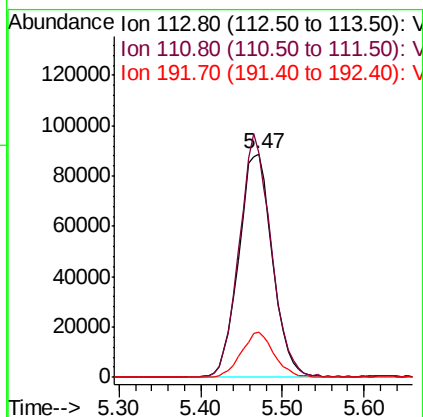
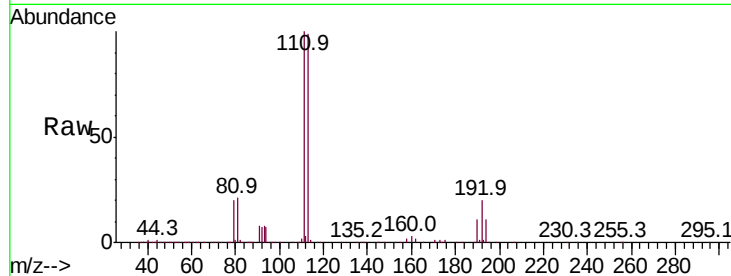




#35
Dibromofluoromethane
Concen: 50.180 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018542.D
Acq: 23 Sep 2020 18:23

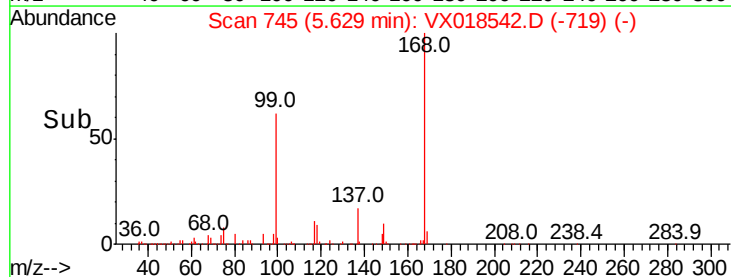
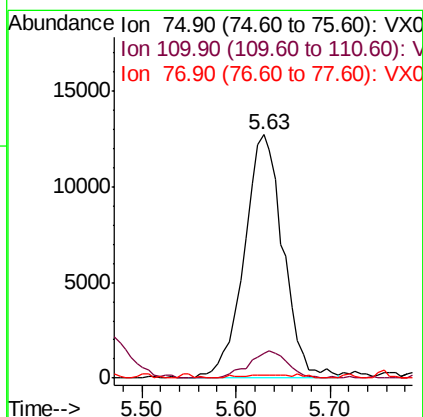
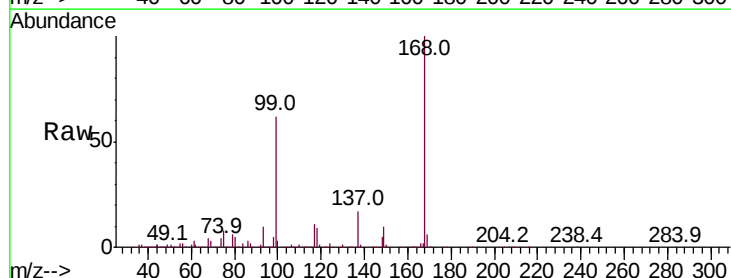
Instrument :
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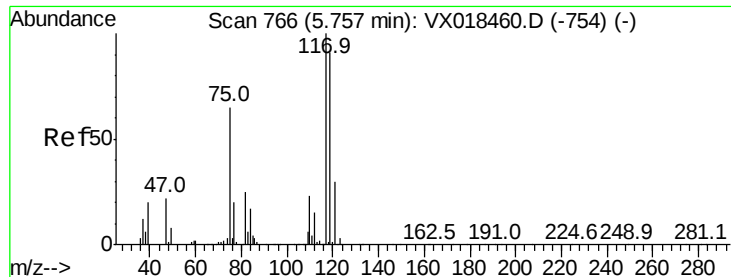
Tot Ion:113 Resp: 255544
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.2
192 19.7 16.6 24.8



#36
1,1-Dichloropropene
Concen: 5.127 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.14 min
Lab File: VX018542.D
Acq: 23 Sep 2020 18:23

Tgt Ion: 75 Resp: 36656
Ion Ratio Lower Upper
75 100
110 11.1 17.6 52.8#
77 0.7 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 6.244 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX018542.D

Acq: 23 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBL01

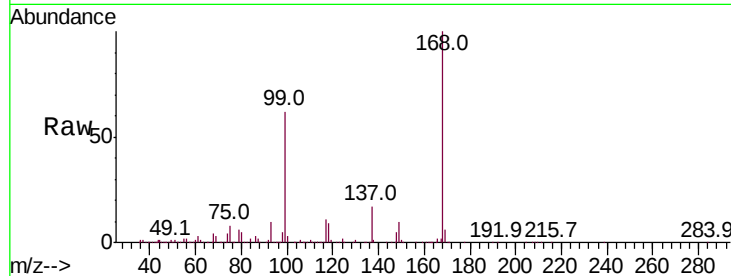
Tot Ion:117 Resp: 49441

Ion Ratio Lower Upper

117 100

119 5.1 72.3 108.5#

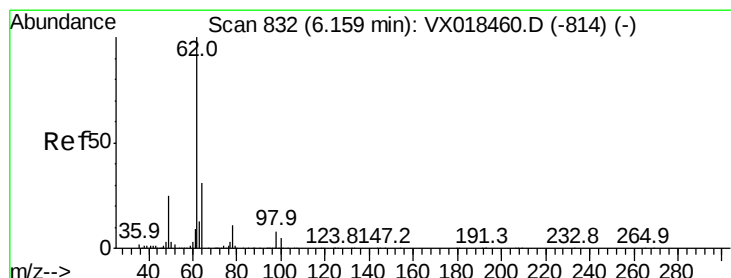
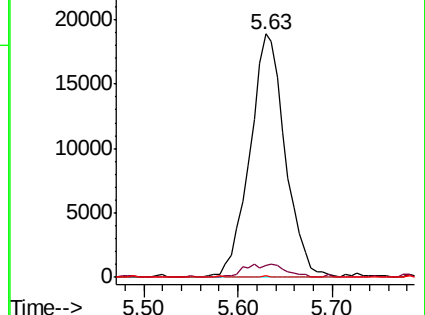
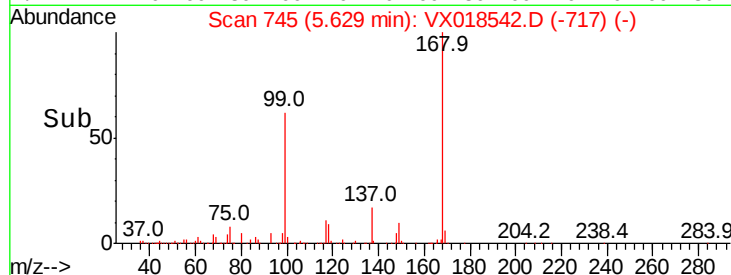
121 0.5 23.8 35.8#



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



#42

1,2-Dichloroethane

Concen: 0.217 ug/l

RT: 6.17 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX018542.D

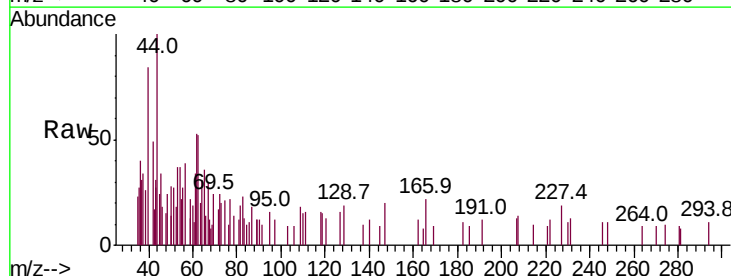
Acq: 23 Sep 2020 18:23

Tgt Ion: 62 Resp: 1730

Ion Ratio Lower Upper

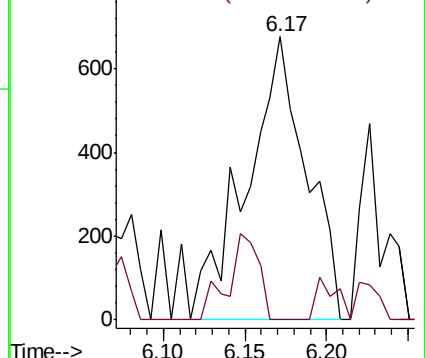
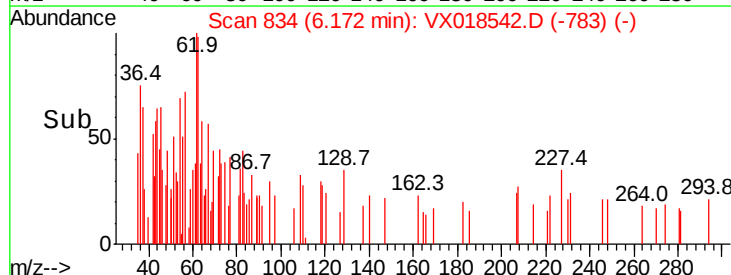
62 100

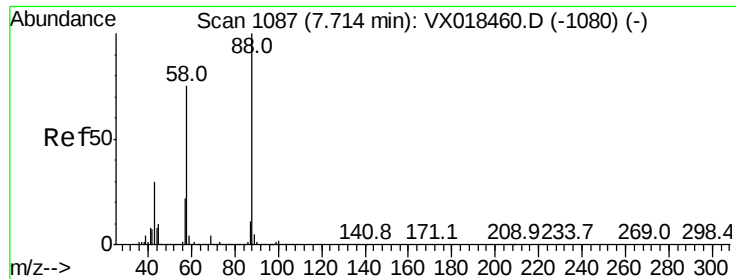
98 0.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#49

1,4-Dioxane

Concen: 0.864 ug/l

RT: 7.70 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX018542.D

Acq: 23 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampled :

VX0923WBL01

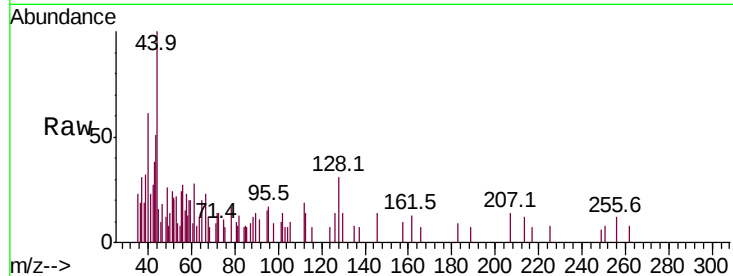
Tot Ion: 88 Resp: 88

Ion Ratio Lower Upper

88 100

43 640.9 29.9 44.9#

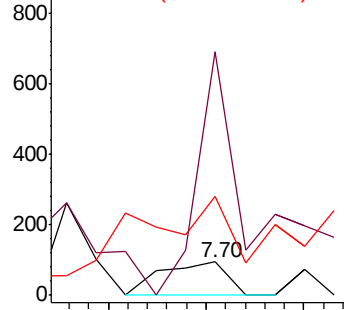
58 0.0 59.0 88.6#



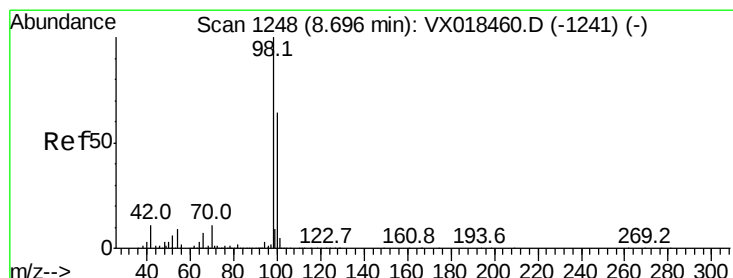
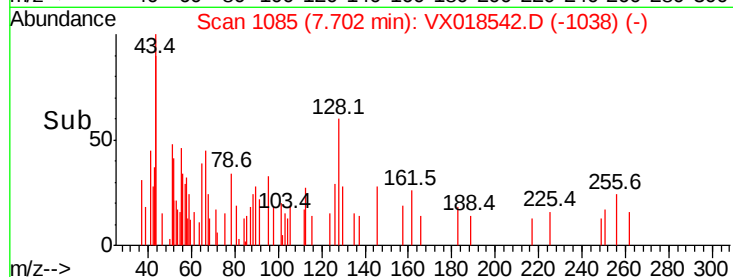
Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 49.148 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018542.D

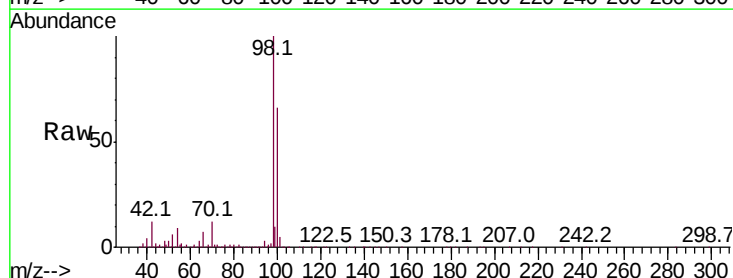
Acq: 23 Sep 2020 18:23

Tgt Ion: 98 Resp: 909381

Ion Ratio Lower Upper

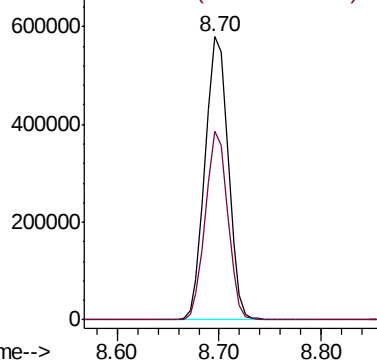
98 100

100 64.3 51.7 77.5

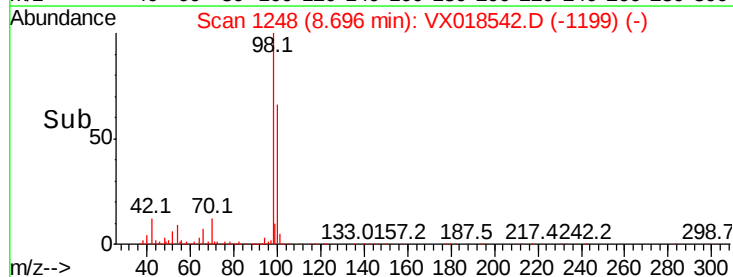


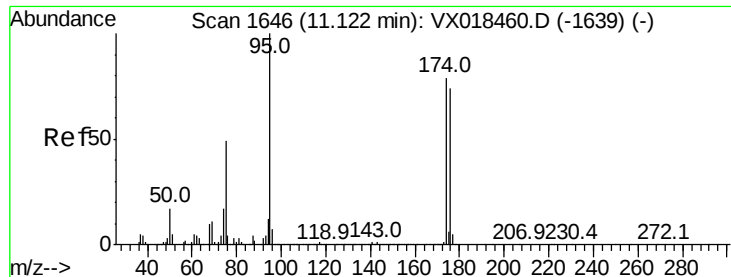
Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->

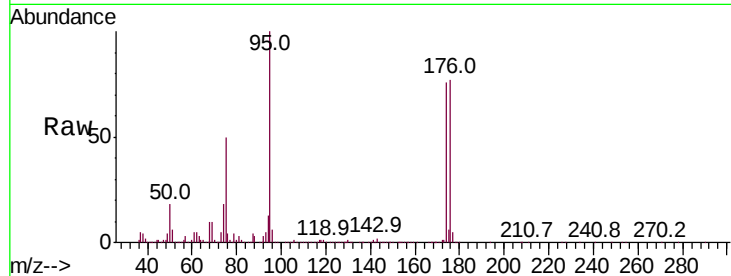




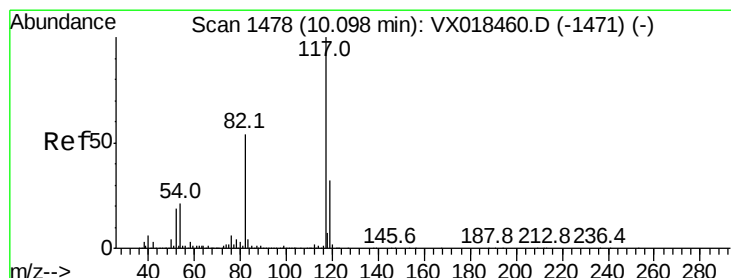
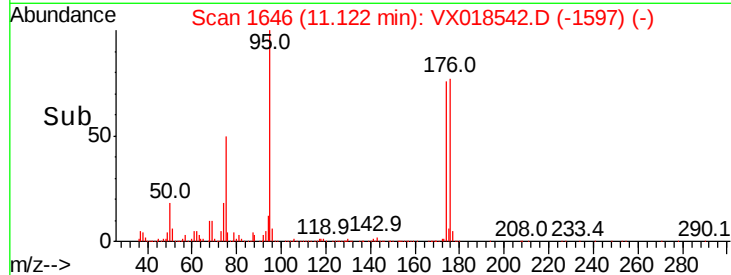
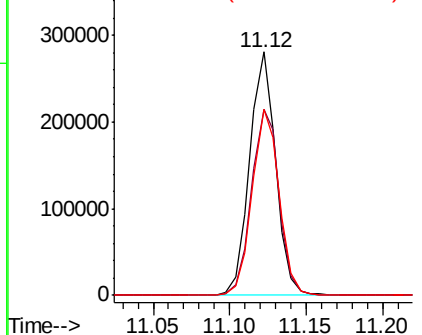
#62
4-Bromofluorobenzene
Concen: 45.193 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018542.D
Acq: 23 Sep 2020 18:23

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBL01

Tot Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	161.4
176	79.5	0.0	151.4

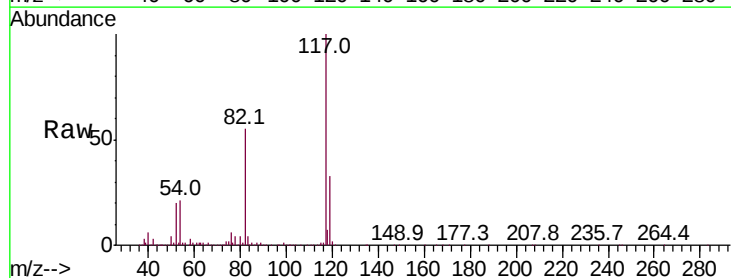


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

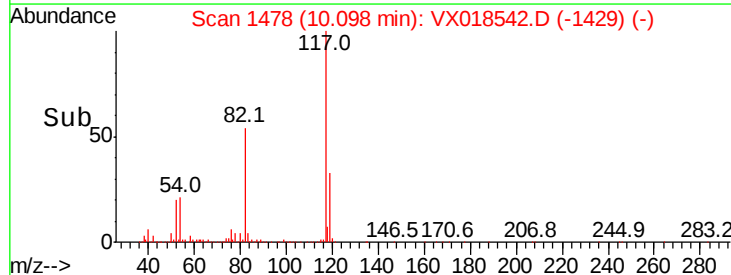
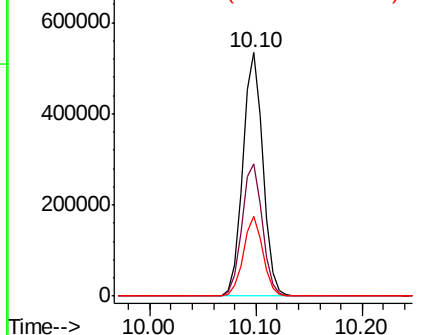


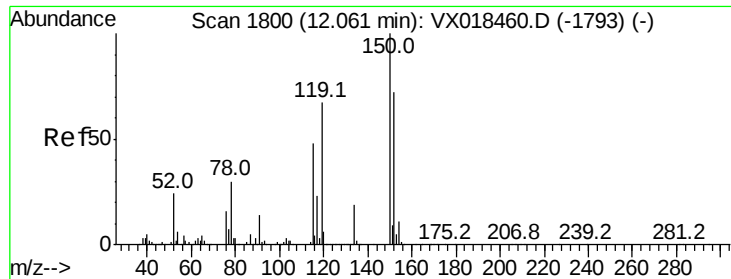
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018542.D
Acq: 23 Sep 2020 18:23

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.3	64.9
119	32.6	25.9	38.9



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018542.D

Acq: 23 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBL01

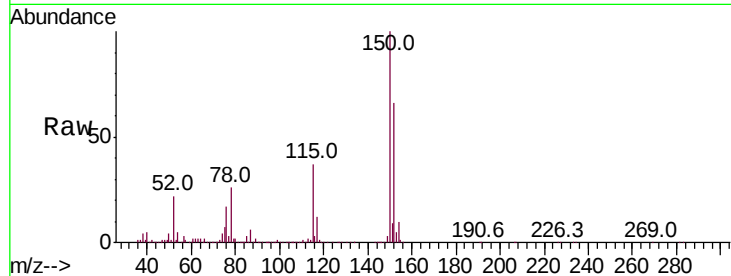
Tot Ion:152 Resp: 347590

Ion Ratio Lower Upper

152 100

115 59.5 41.8 125.4

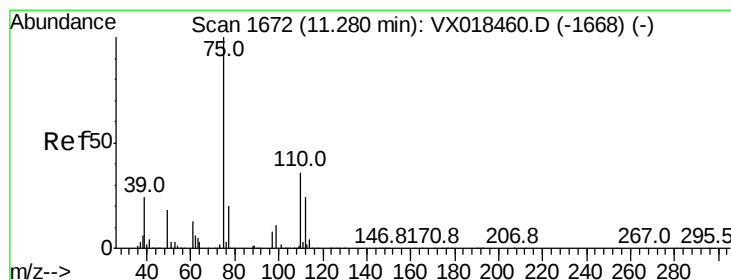
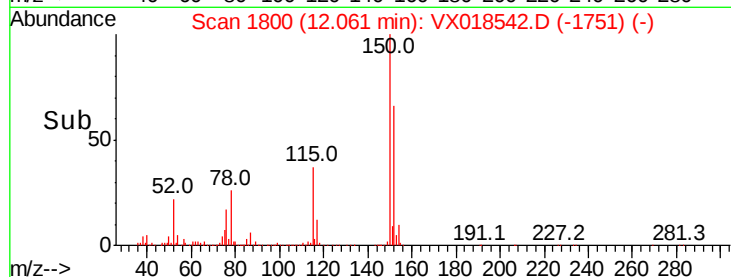
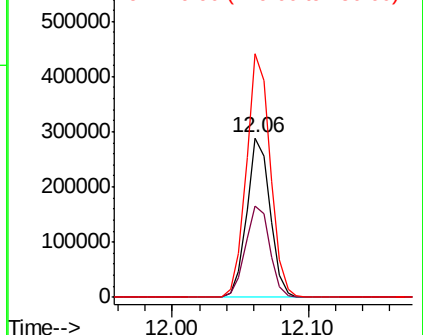
150 156.1 0.0 342.4



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: 23.923 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018542.D

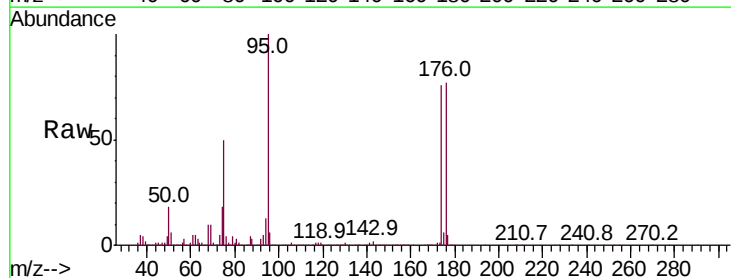
Acq: 23 Sep 2020 18:23

Tgt Ion: 75 Resp: 174743

Ion Ratio Lower Upper

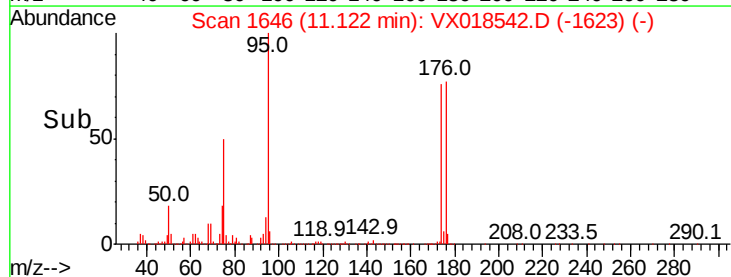
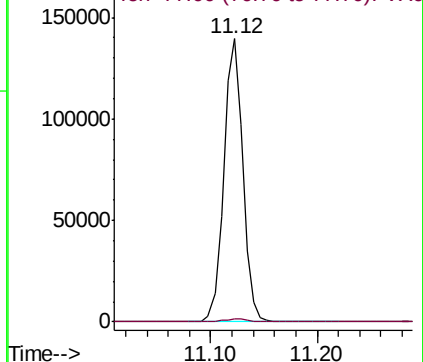
75 100

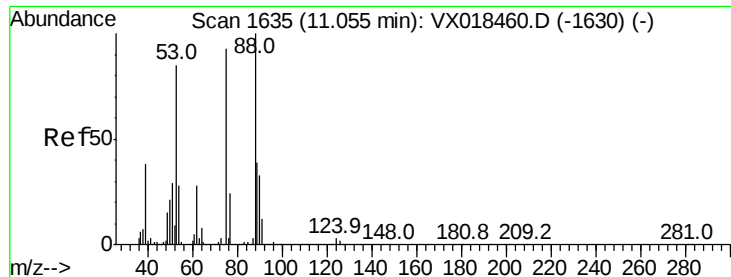
77 1.3 20.9 62.7#



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: 61.302 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX018542.D

Acq: 23 Sep 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBL01

Tot Ion: 75 Resp: 174743

Ion Ratio Lower Upper

75 100

53 0.7 74.6 111.8#

89 0.0 36.2 54.4#

