

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
 Data File : VX015637.D
 Acq On : 10 Apr 2020 21:13
 Operator : JC/SP
 Sample : L2196-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 11 00:37:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1101916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1689966	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1653041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	919208	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	687644	44.25	ug/l	0.00
Spiked Amount			Recovery	=	88.50%	
35) Dibromofluoromethane	5.47	113	517430	47.90	ug/l	0.00
Spiked Amount			Recovery	=	95.80%	
50) Toluene-d8	8.70	98	2033772	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.12	95	869936	53.82	ug/l	0.00
Spiked Amount			Recovery	=	107.64%	

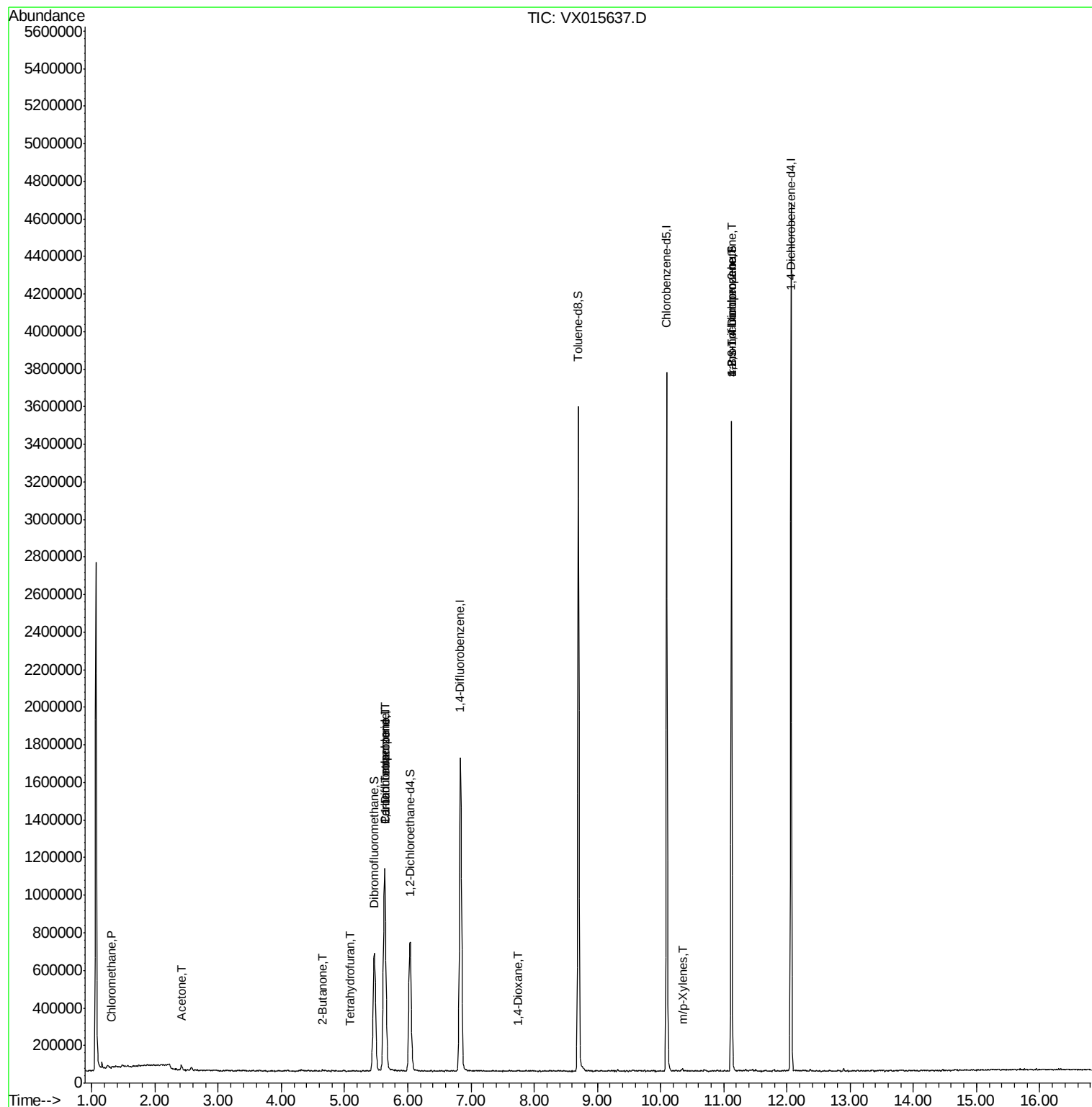
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	3057	0.247	ug/l #	81
5) Bromomethane	1.62	94	2326	Below Cal	#	3
16) Acetone	2.42	43	34743	5.203	ug/l	97
25) 2-Butanone	4.65	43	2985	0.278	ug/l #	28
29) Tetrahydrofuran	5.09	42	1898	0.275	ug/l #	71
36) 1,1-Dichloropropene	5.63	75	74752	4.801	ug/l #	53
38) Carbon Tetrachloride	5.64	117	103754	6.152	ug/l #	14
49) 1,4-Dioxane	7.75	88	1382	4.333	ug/l #	18
68) m/p-Xylenes	10.34	106	4402	0.202	ug/l #	66
76) 1,2,3-Trichloropropane	11.12	75	448548	23.729	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	448548	56.937	ug/l #	10

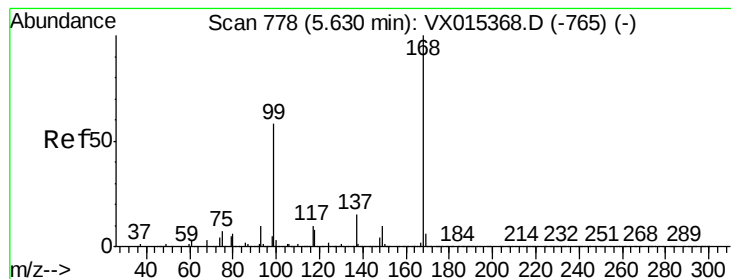
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041020\
Data File : VX015637.D
Acq On : 10 Apr 2020 21:13
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Sample : L2196-14
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 11 00:37:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015637.D

Acq: 10 Apr 2020 21:13

Instrument :

MSVOA_X

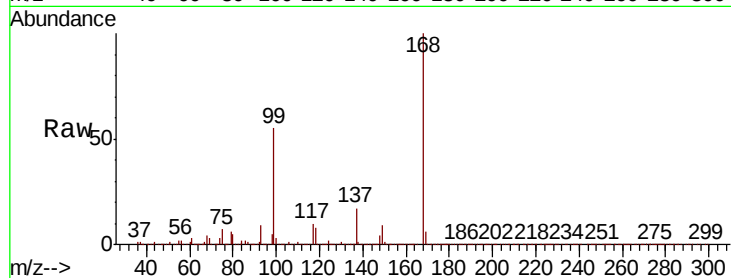
ClientSampleId :

Tot Ion:168 Resp: 1101916

Ion Ratio Lower Upper

168 100

99 55.0 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

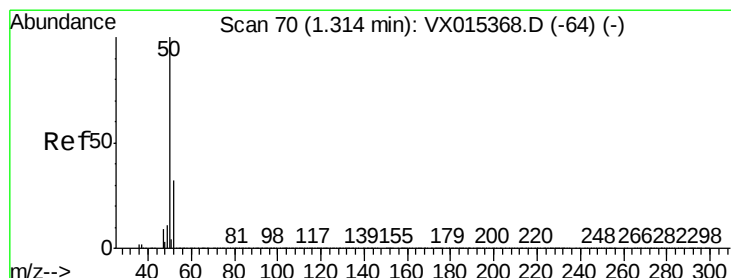
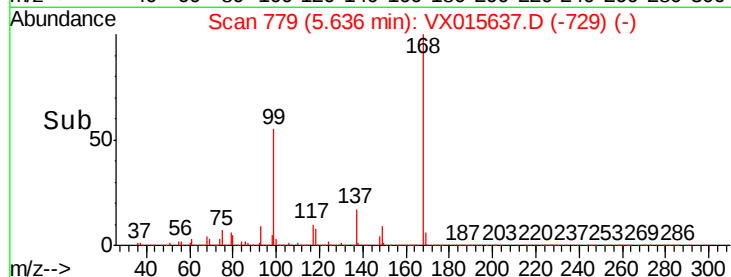
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.247 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015637.D

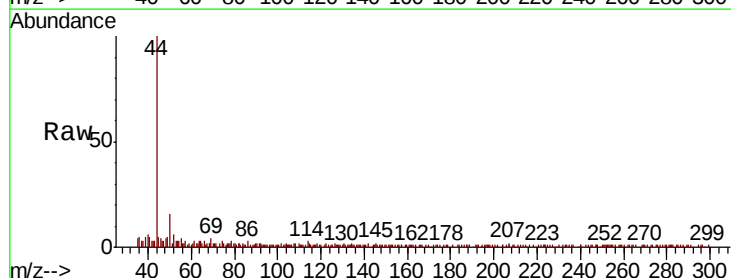
Acq: 10 Apr 2020 21:13

Tgt Ion: 50 Resp: 3057

Ion Ratio Lower Upper

50 100

52 20.8 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

3000

2500

2000

1500

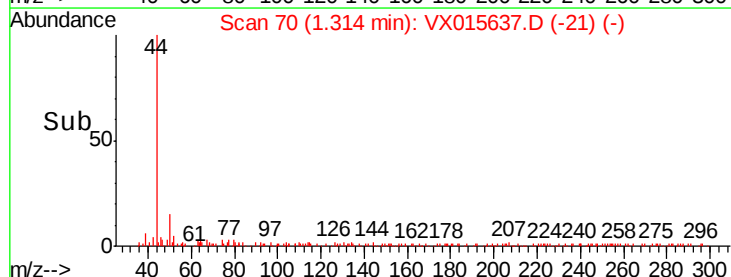
1000

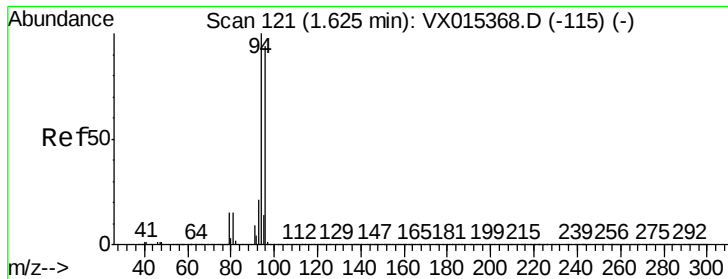
500

0

1.25 1.30 1.35

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015637.D

Acq: 10 Apr 2020 21:13

Instrument :

MSVOA_X

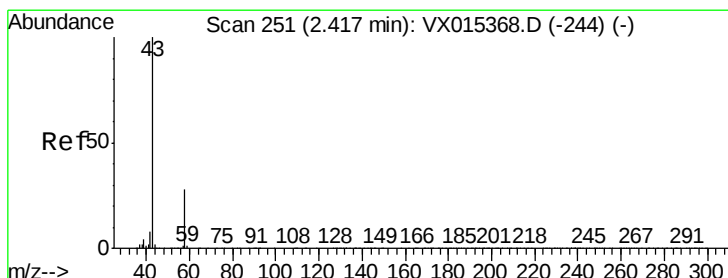
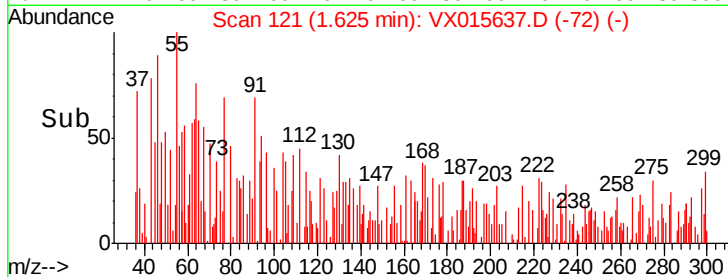
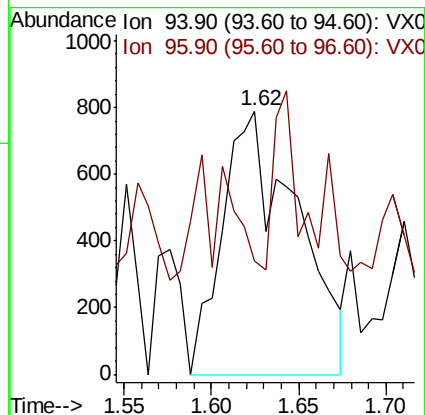
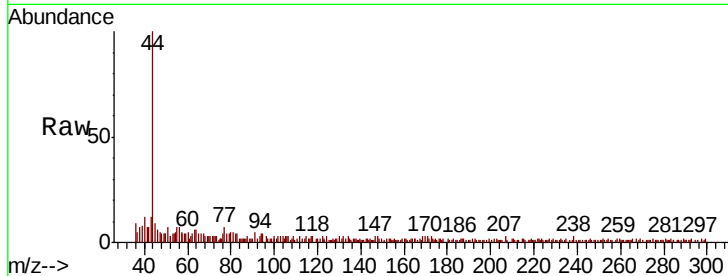
ClientSampled :

Tot Ion: 94 Resp: 2326

Ion Ratio Lower Upper

94 100

96 0.0 74.8 112.2#



#16

Acetone

Concen: 5.203 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015637.D

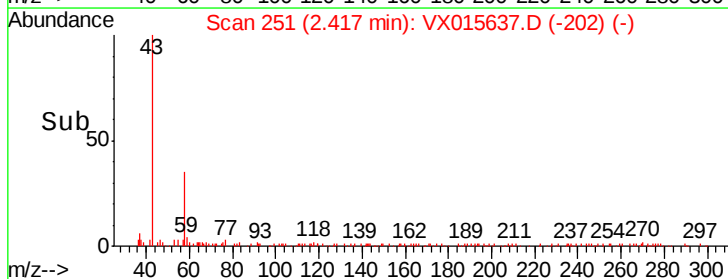
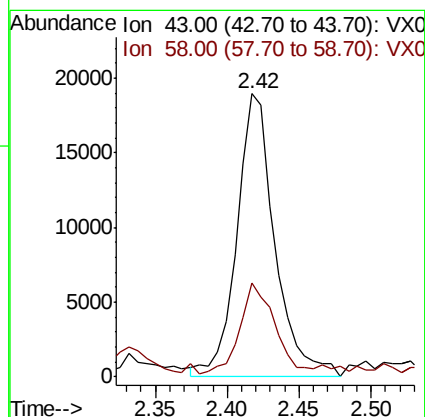
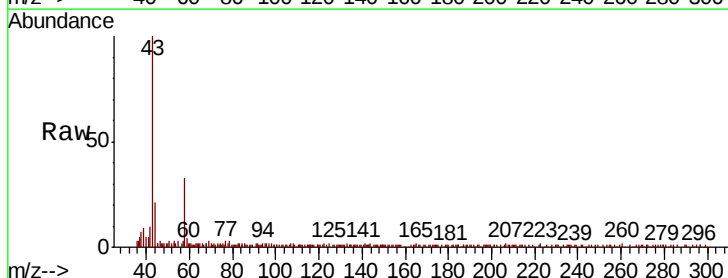
Acq: 10 Apr 2020 21:13

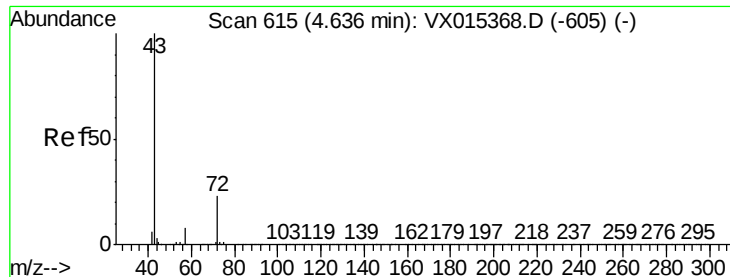
Tgt Ion: 43 Resp: 34743

Ion Ratio Lower Upper

43 100

58 29.3 22.1 33.1





#25

2-Butanone

Concen: 0.278 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.02 min

Lab File: VX015637.D

Acq: 10 Apr 2020 21:13

Instrument :

MSVOA_X

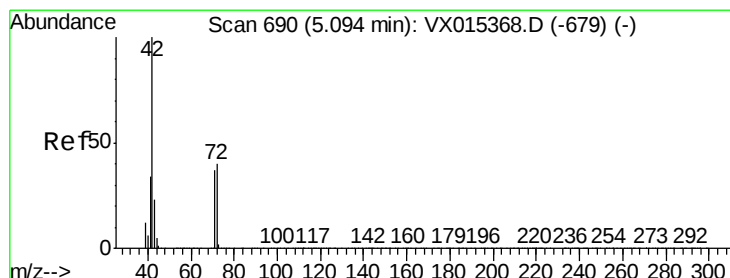
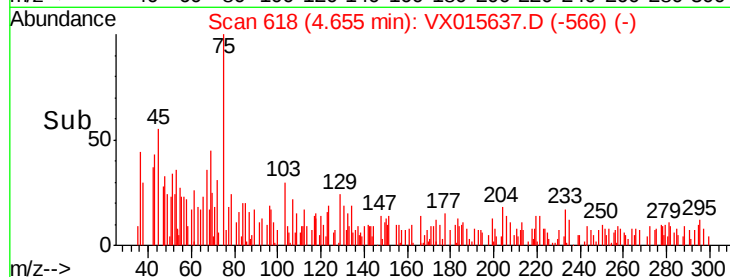
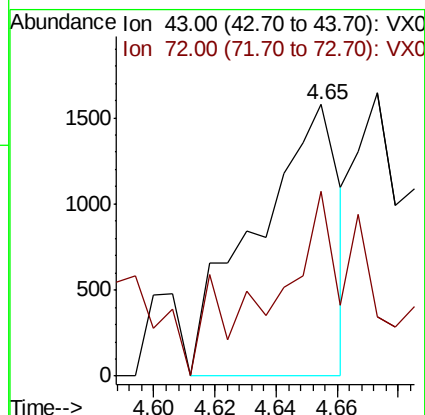
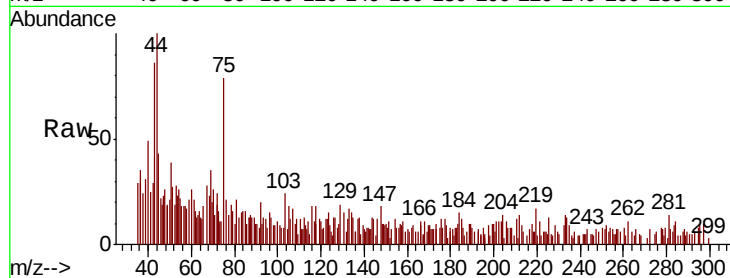
ClientSampleId :

Tot Ion: 43 Resp: 2985

Ion Ratio Lower Upper

43 100

72 59.1 19.0 28.4#



#29

Tetrahydrofuran

Concen: 0.275 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015637.D

Acq: 10 Apr 2020 21:13

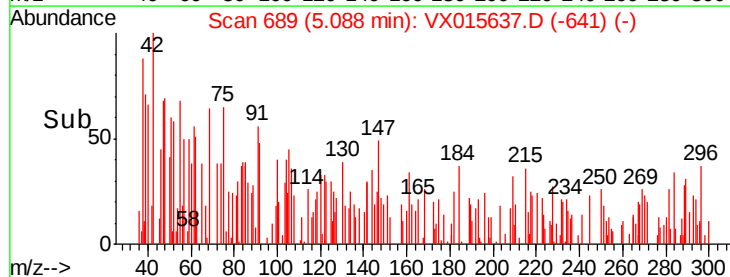
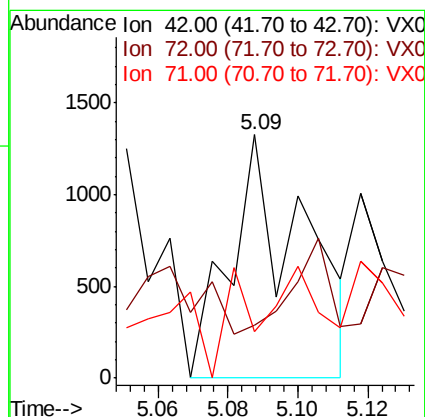
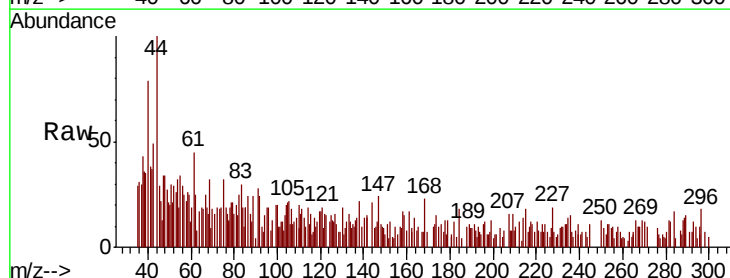
Tgt Ion: 42 Resp: 1898

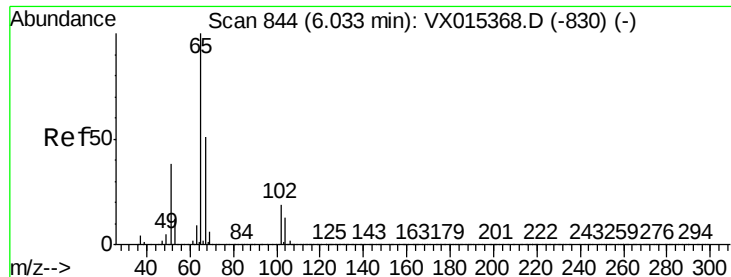
Ion Ratio Lower Upper

42 100

72 15.3 31.7 47.5#

71 47.9 29.6 44.4#

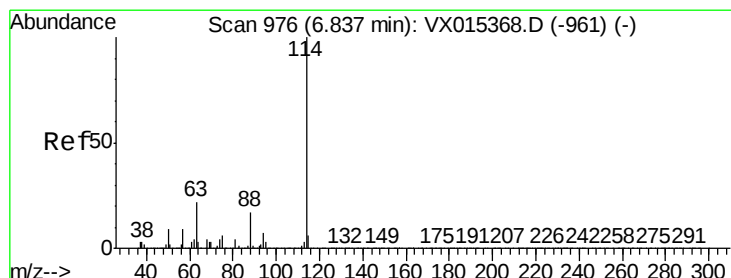
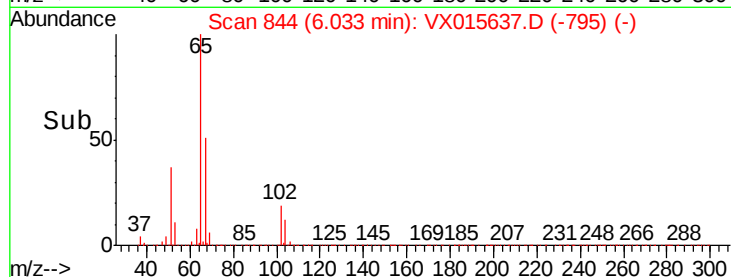
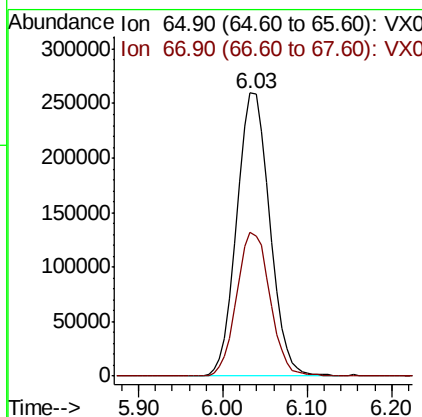
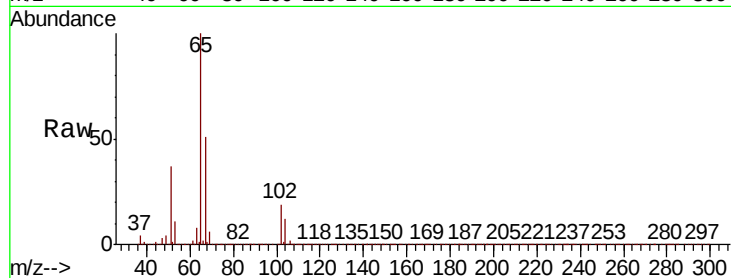




#33
 1,2-Dichloroethane-d4
 Concen: 44.246 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015637.D
 Acq: 10 Apr 2020 21:13

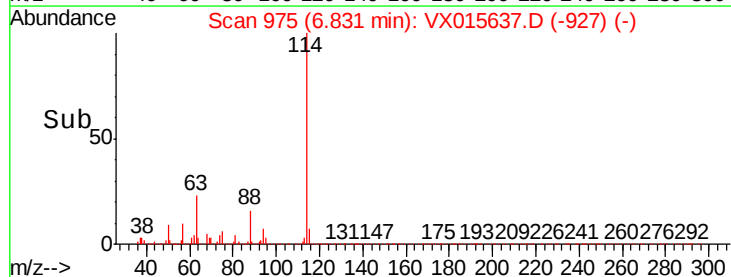
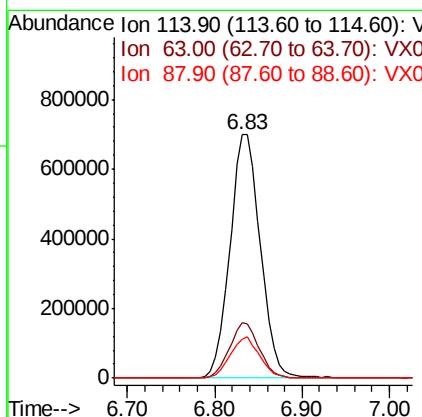
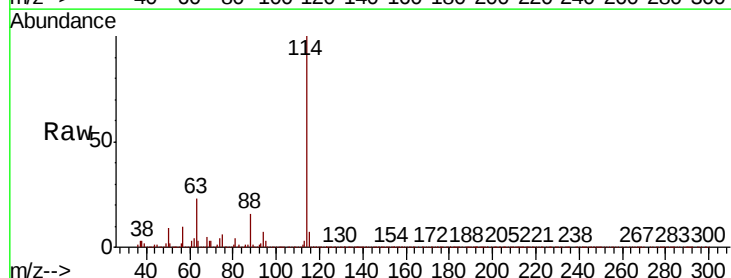
Instrument :
 MSVOA_X
 ClientSampleId :

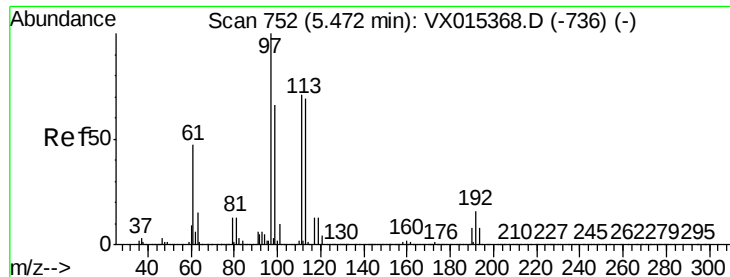
Tot Ion: 65 Resp: 687644
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015637.D
 Acq: 10 Apr 2020 21:13

Tgt Ion: 114 Resp: 1689966
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.2
 88 15.8 0.0 33.8

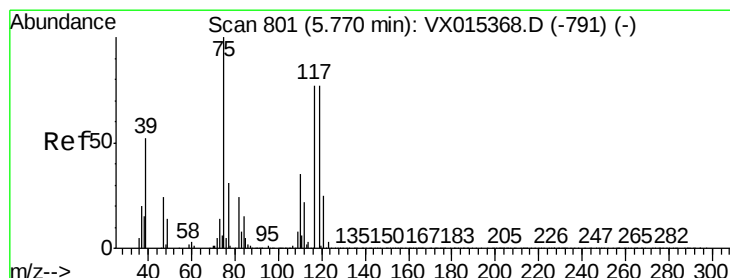
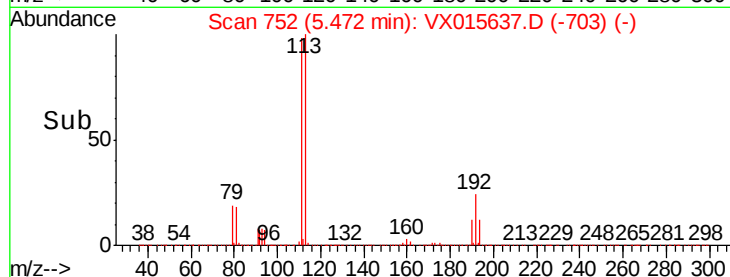
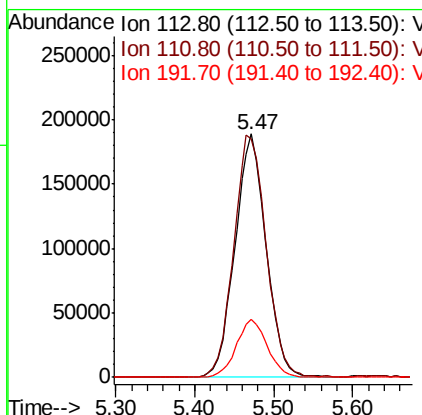
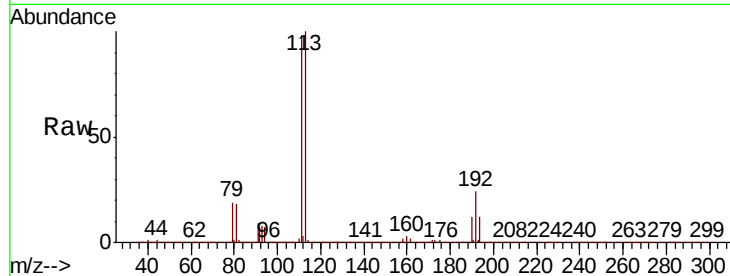




#35
 Dibromofluoromethane
 Concen: 47.898 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015637.D
 Acq: 10 Apr 2020 21:13

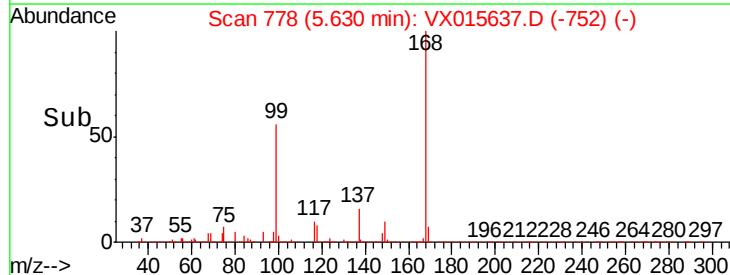
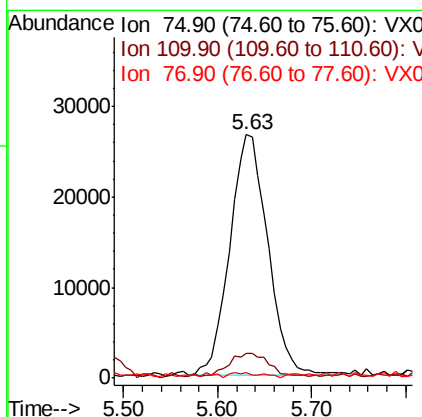
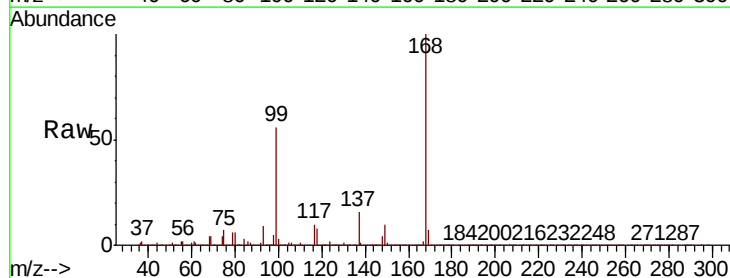
Instrument :
 MSVOA_X
 ClientSampleId :

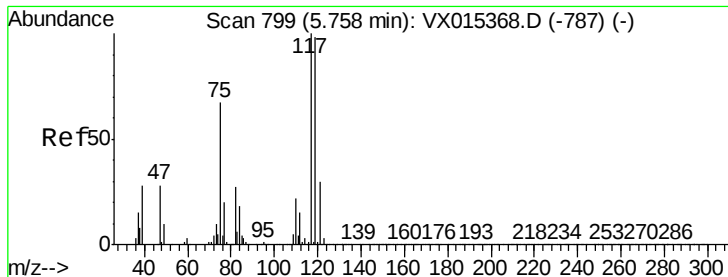
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.5	122.3
192	23.8	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 4.801 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.14 min
 Lab File: VX015637.D
 Acq: 10 Apr 2020 21:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.4	17.1	51.3#
77	1.3	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 6.152 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.12 min

Lab File: VX015637.D

Acq: 10 Apr 2020 21:13

Instrument :

MSVOA_X

ClientSampled :

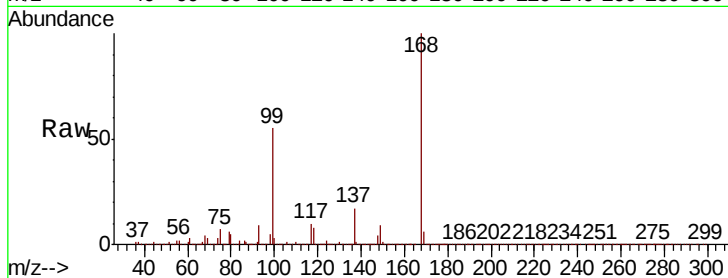
Tot Ion:117 Resp: 103754

Ion Ratio Lower Upper

117 100

119 3.7 78.0 117.0#

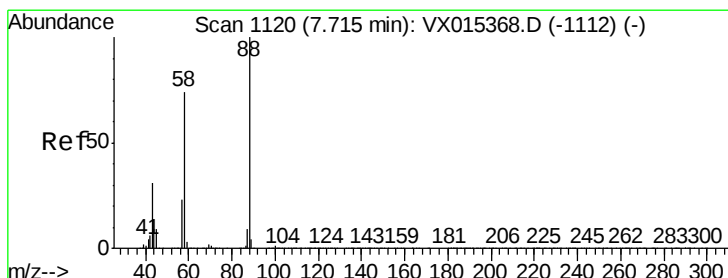
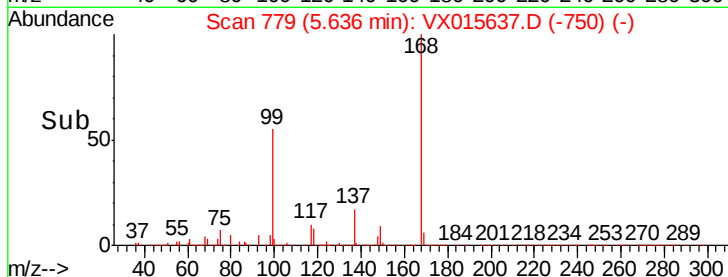
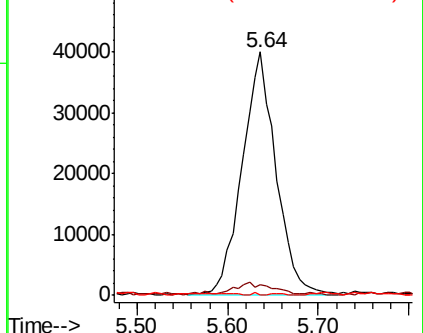
121 0.0 23.8 35.8#



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



#49

1,4-Dioxane

Concen: 4.333 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.03 min

Lab File: VX015637.D

Acq: 10 Apr 2020 21:13

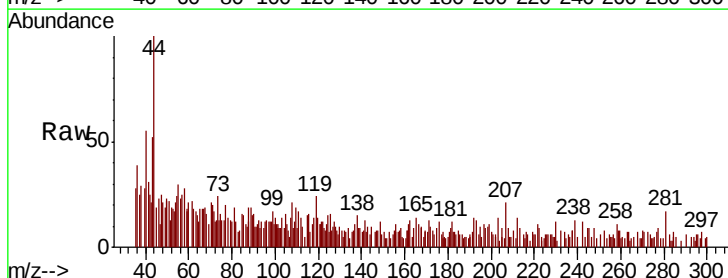
Tgt Ion: 88 Resp: 1382

Ion Ratio Lower Upper

88 100

43 123.8 30.1 45.1#

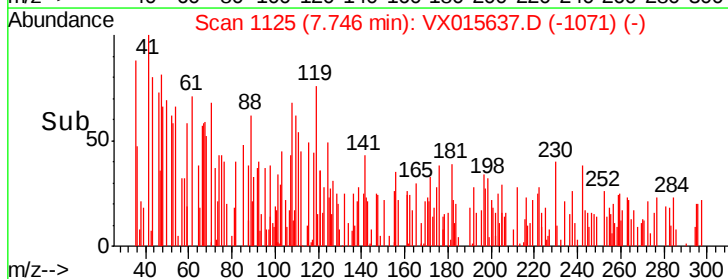
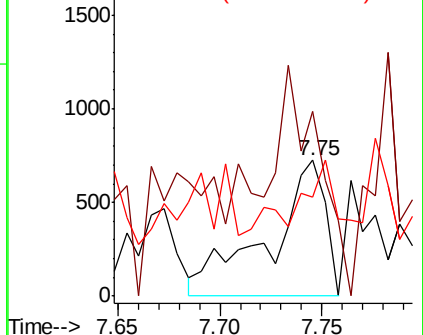
58 31.5 60.6 90.8#

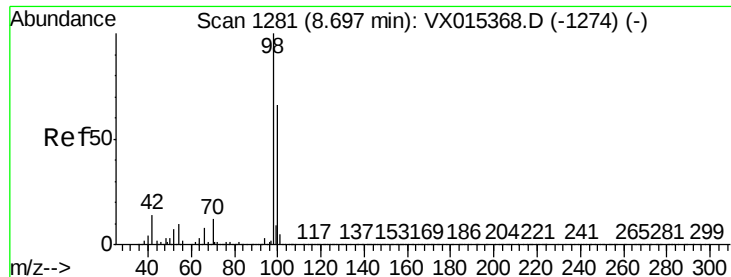


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.135 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015637.D

Acq: 10 Apr 2020 21:13

Instrument :

MSVOA_X

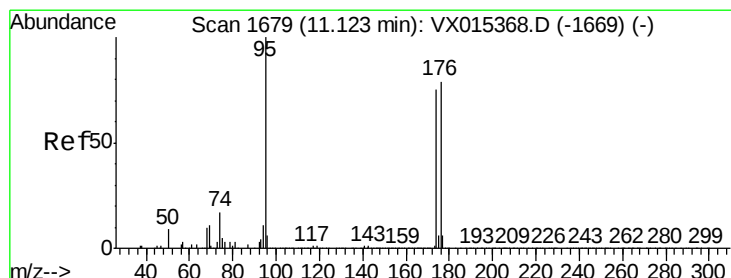
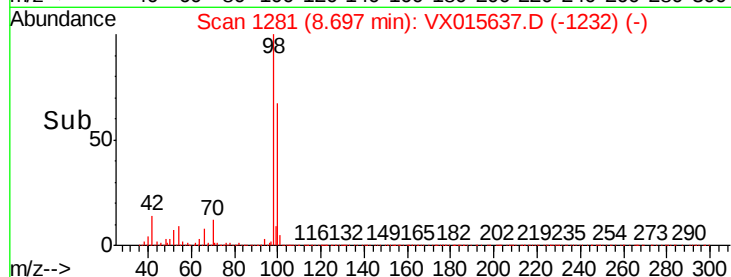
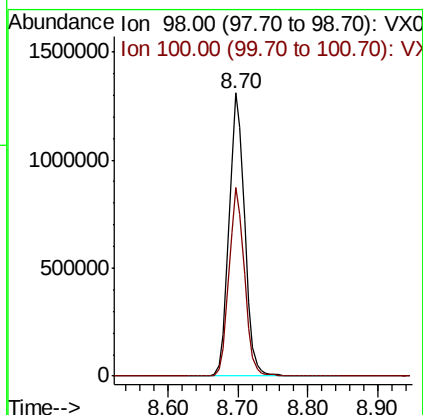
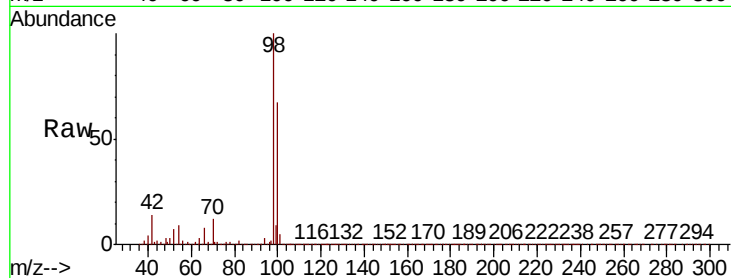
ClientSampleId :

Tot Ion: 98 Resp: 2033772

Ion Ratio Lower Upper

98 100

100 66.2 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 53.820 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015637.D

Acq: 10 Apr 2020 21:13

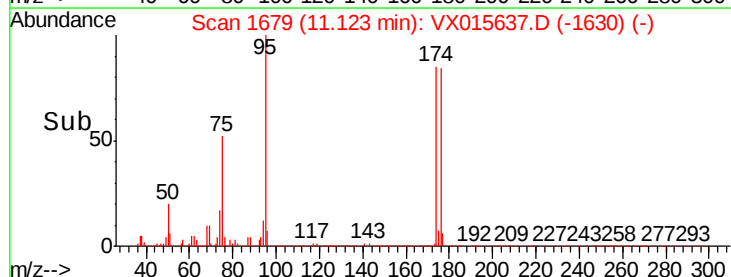
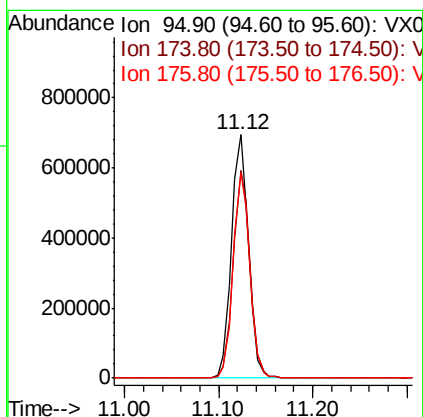
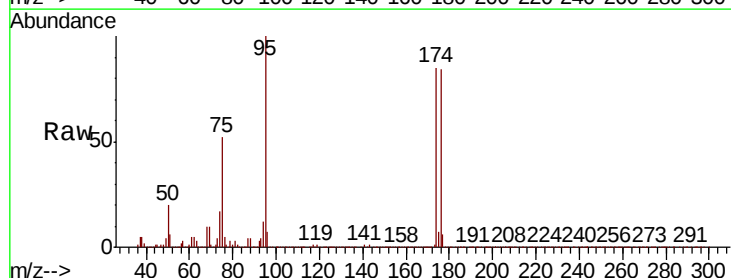
Tgt Ion: 95 Resp: 869936

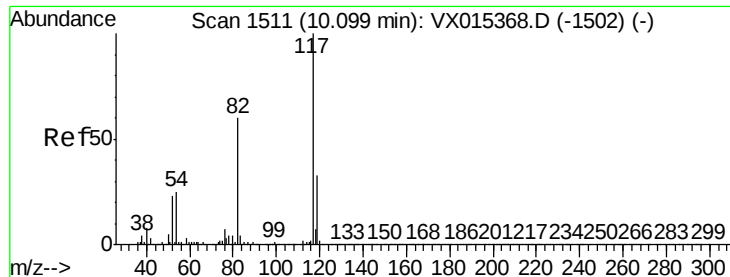
Ion Ratio Lower Upper

95 100

174 84.6 0.0 158.6

176 82.7 0.0 159.0

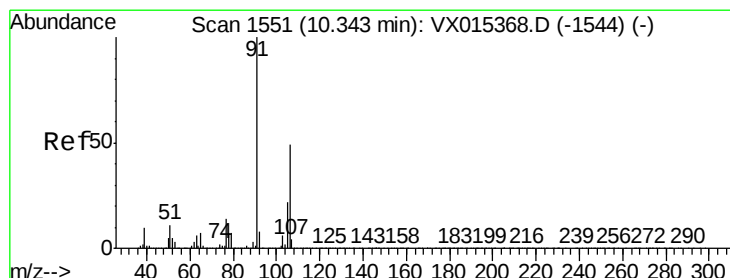
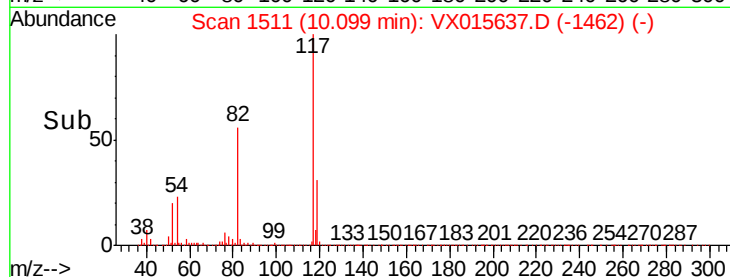
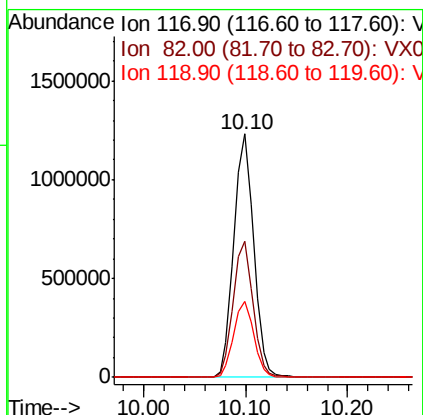
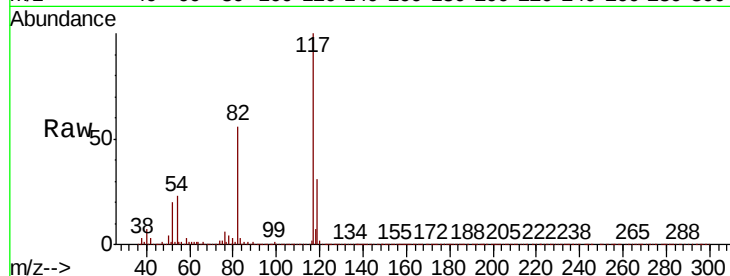




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015637.D
Acq: 10 Apr 2020 21:13

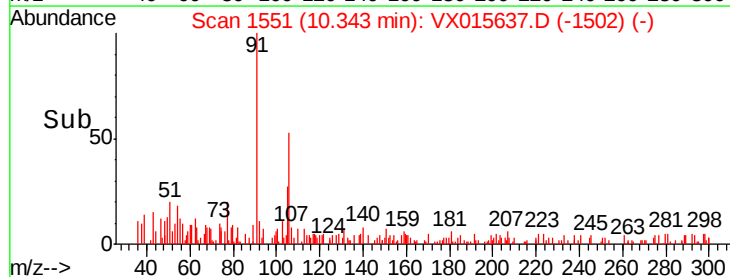
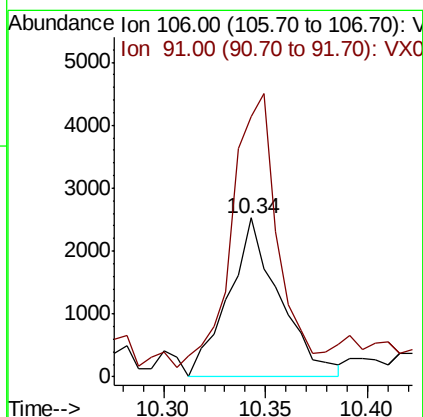
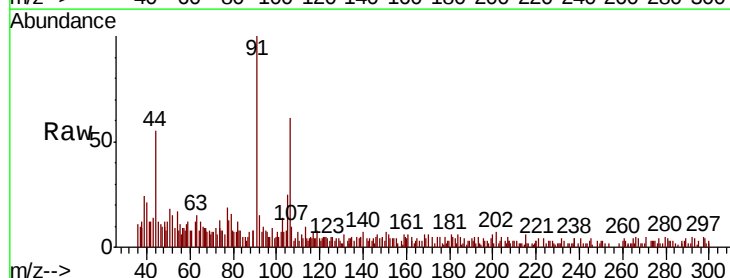
Instrument :
MSVOA_X
ClientSampleId :

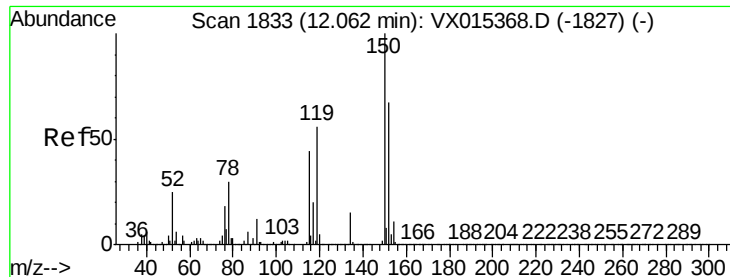
Tot Ion:117 Resp: 1653041
Ion Ratio Lower Upper
117 100
82 55.9 47.8 71.8
119 31.3 26.8 40.2



#68
m/p-Xylenes
Concen: 0.202 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015637.D
Acq: 10 Apr 2020 21:13

Tgt Ion:106 Resp: 4402
Ion Ratio Lower Upper
106 100
91 152.6 163.4 245.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015637.D

Acq: 10 Apr 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

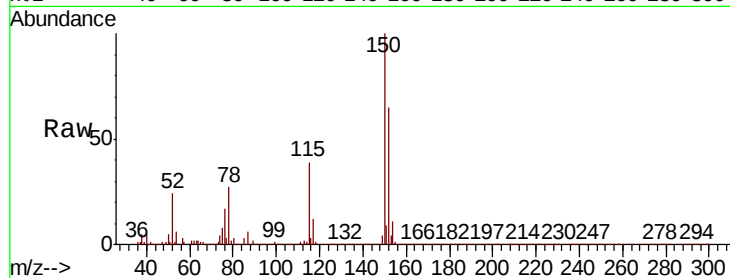
Tot Ion:152 Resp: 919208

Ion Ratio Lower Upper

152 100

115 56.1 39.0 116.9

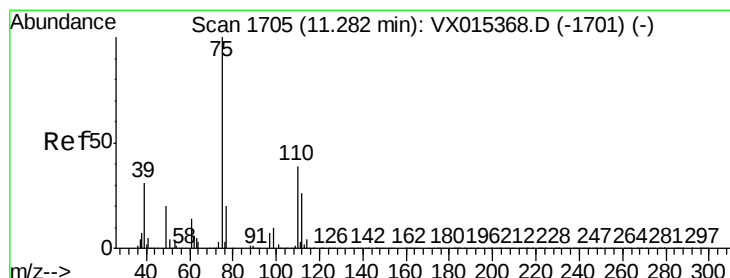
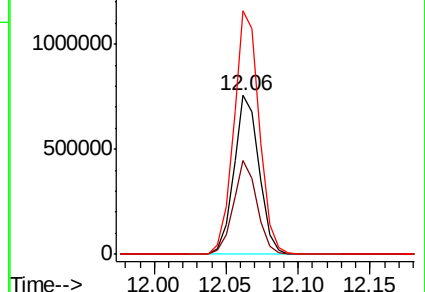
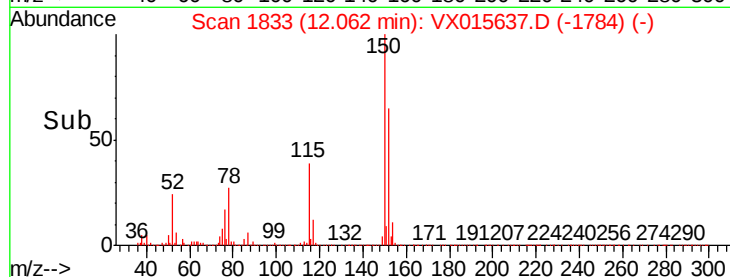
150 155.2 0.0 340.8



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: 23.729 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015637.D

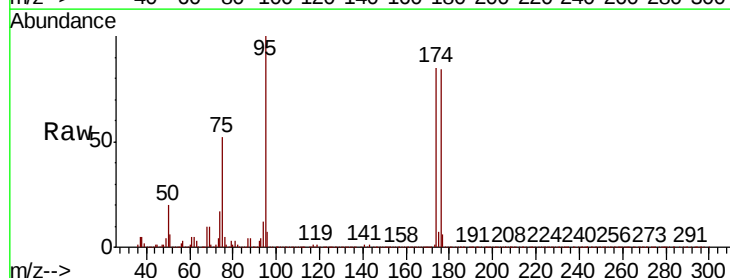
Acq: 10 Apr 2020 21:13

Tgt Ion: 75 Resp: 448548

Ion Ratio Lower Upper

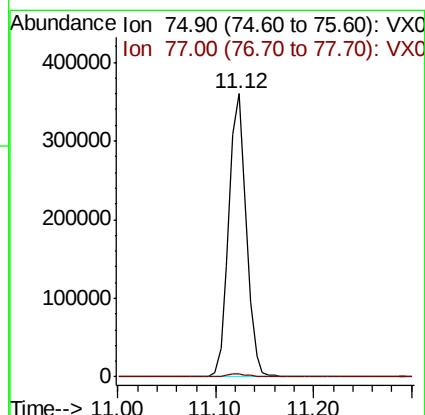
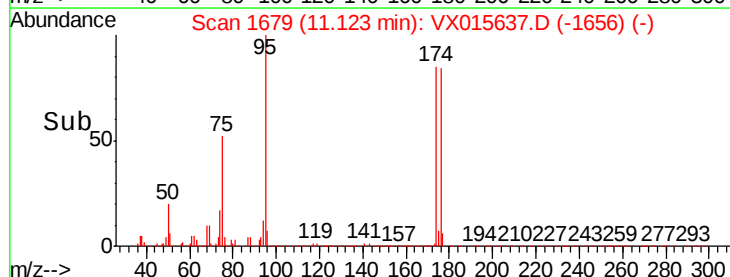
75 100

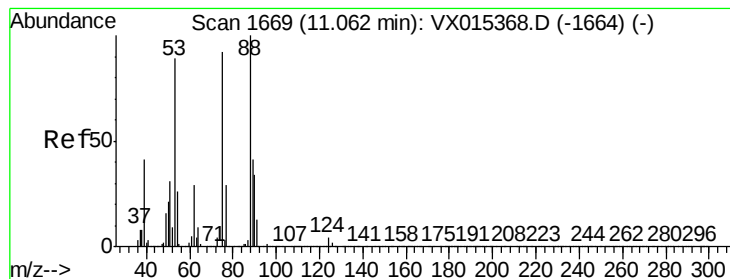
77 1.0 21.2 63.6#



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: 56.937 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015637.D

Acq: 10 Apr 2020 21:13

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 448548

Ion Ratio Lower Upper

75 100

53 0.1 80.1 120.1#

89 0.1 36.1 54.1#

