

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033020\
 Data File : VX015438.D
 Acq On : 30 Mar 2020 19:06
 Operator : JC/SP
 Sample : L2048-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 31 08:54:48 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	1140154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1873794	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1770899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	960886	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	777315	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
35) Dibromofluoromethane	5.47	113	580357	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
50) Toluene-d8	8.70	98	2246525	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	
62) 4-Bromofluorobenzene	11.12	95	962724	53.72	ug/l	0.00
Spiked Amount			Recovery	=	107.44%	

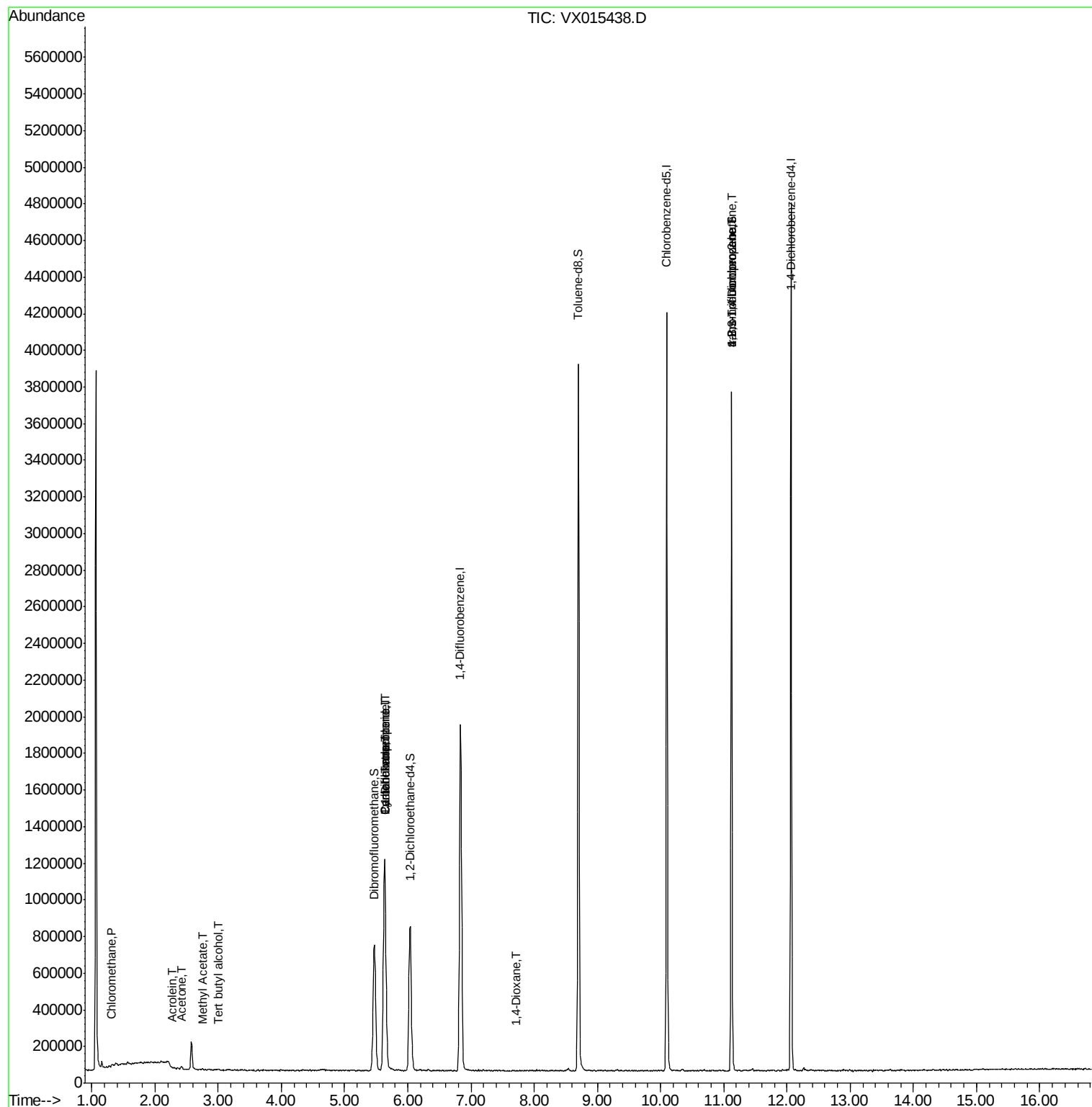
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	5640	0.441	ug/l #	88
5) Bromomethane	1.61	94	376	Below Cal	#	3
11) Tert butyl alcohol	3.01	59	7635	1.984	ug/l #	87
13) Acrolein	2.28	56	1063	0.485	ug/l #	14
16) Acetone	2.42	43	18817	2.724	ug/l	94
18) Methyl Acetate	2.75	43	7958	0.451	ug/l	100
31) Cyclohexane	5.64	56	25351	1.245	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	88862	5.147	ug/l #	51
38) Carbon Tetrachloride	5.63	117	111032	5.938	ug/l #	15
49) 1,4-Dioxane	7.71	88	626	1.770	ug/l #	47
76) 1,2,3-Trichloropropane	11.12	75	502781	25.445	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	502781	61.053	ug/l #	10

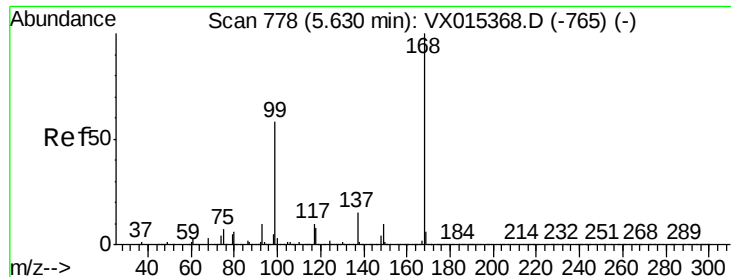
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX033020\
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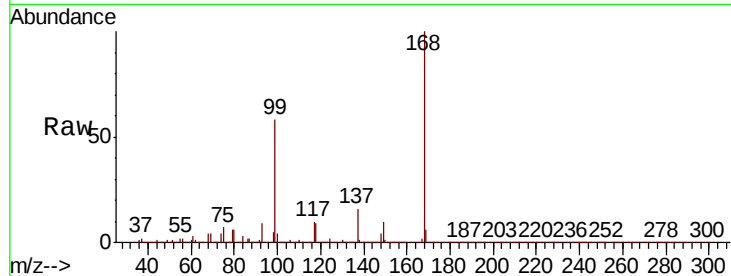


#1

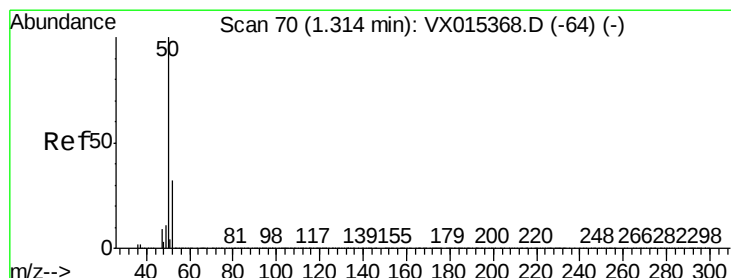
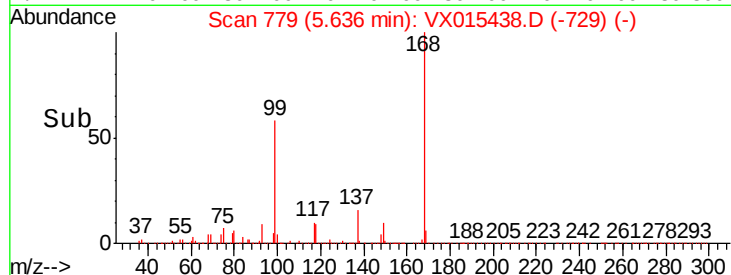
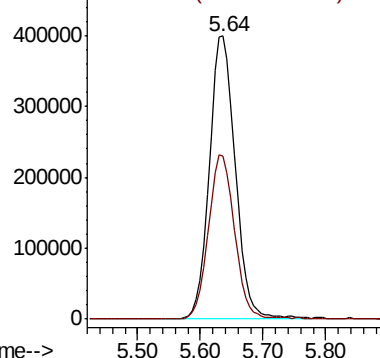
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VX015438.D
 Acq: 30 Mar 2020 19:06

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:168 Resp: 1140154
 Ion Ratio Lower Upper
 168 100
 99 57.7 46.4 69.6



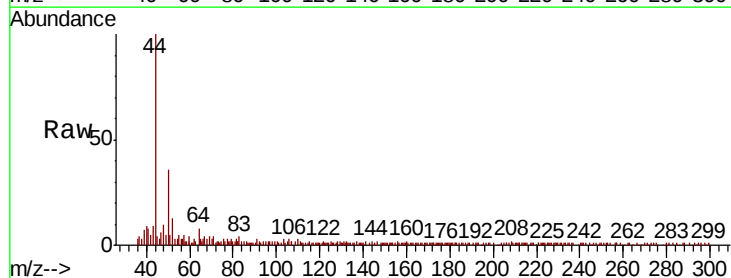
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



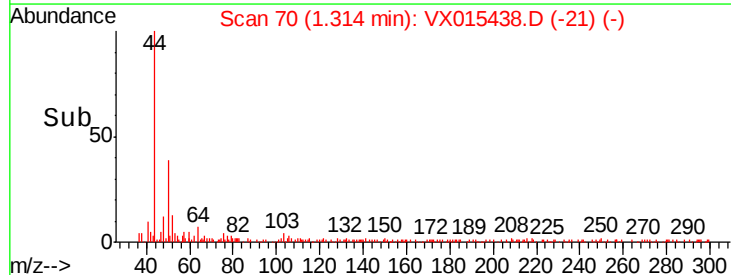
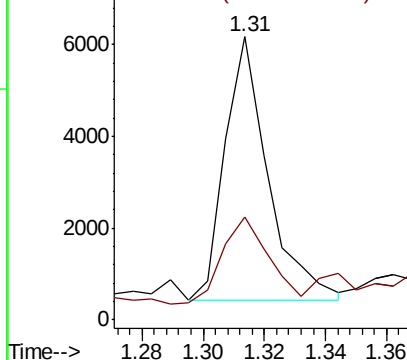
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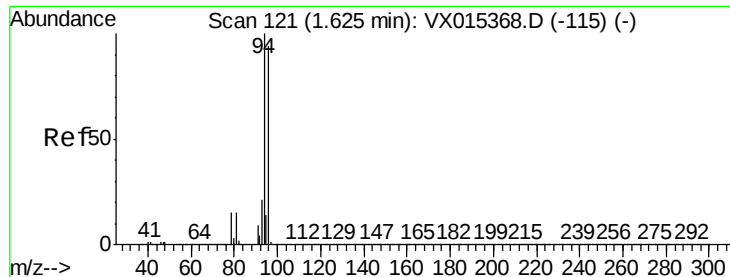
Chloromethane
 Concen: 0.441 ug/l
 RT: 1.31 min Scan# 70
 Delta R.T. -0.00 min
 Lab File: VX015438.D
 Acq: 30 Mar 2020 19:06

Tgt Ion: 50 Resp: 5640
 Ion Ratio Lower Upper
 50 100
 52 24.9 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0
 Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 118

Delta R.T. -0.02 min

Lab File: VX015438.D

Acq: 30 Mar 2020 19:06

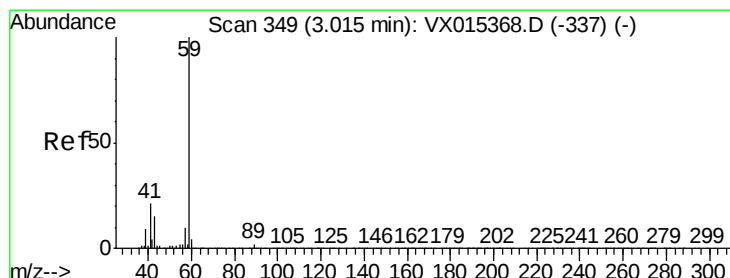
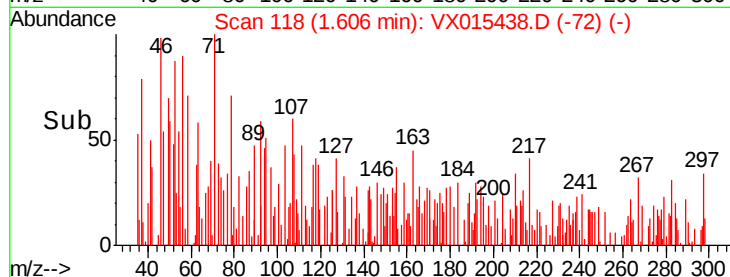
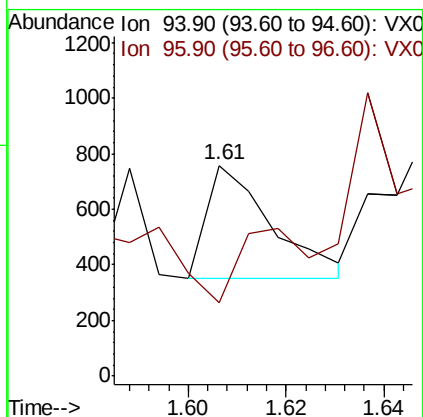
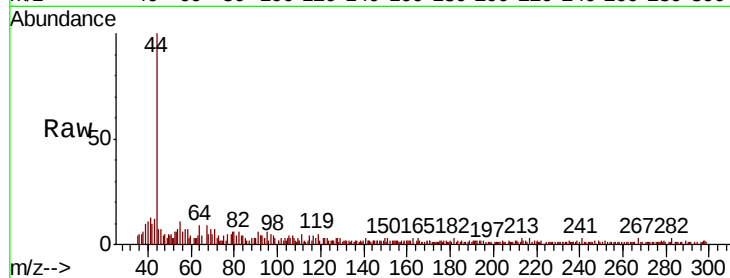
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 94 Resp: 376

Ion Ratio Lower Upper

94 100

96 0.0 74.8 112.2#



#11

Tert butyl alcohol

Concen: 1.984 ug/l

RT: 3.01 min Scan# 349

Delta R.T. -0.00 min

Lab File: VX015438.D

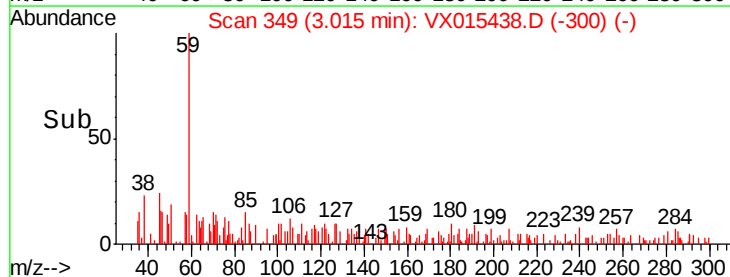
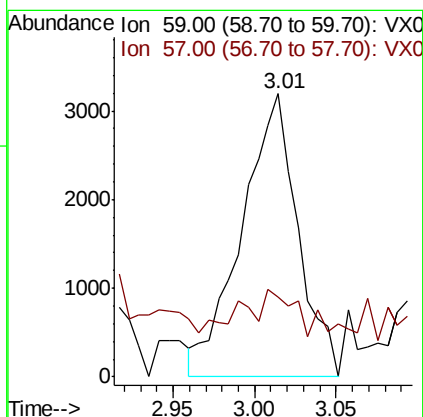
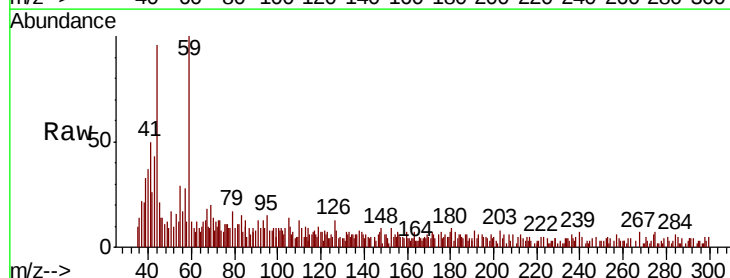
Acq: 30 Mar 2020 19:06

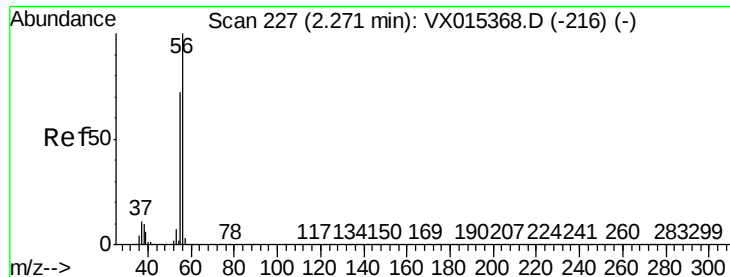
Tgt Ion: 59 Resp: 7635

Ion Ratio Lower Upper

59 100

57 14.8 8.1 12.1#

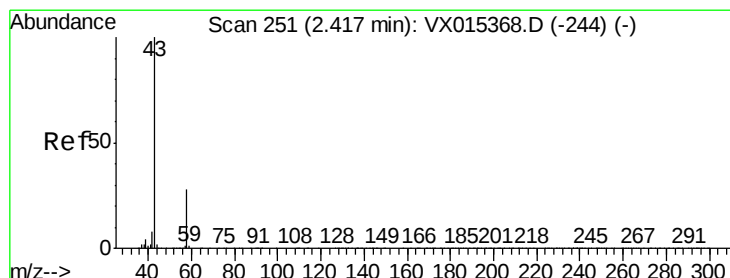
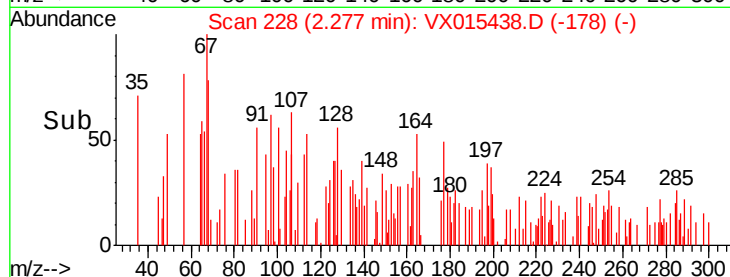
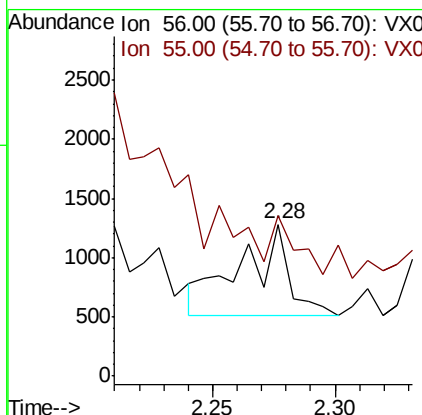
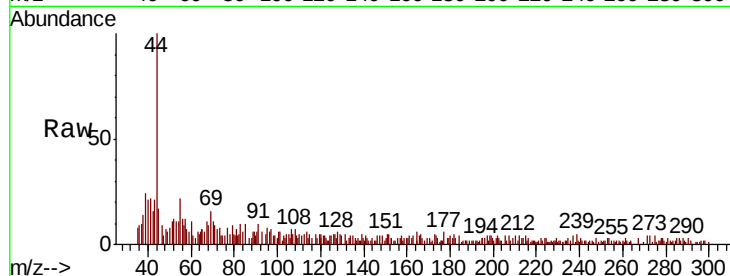




#13
Acrolein
Concen: 0.485 ug/l
RT: 2.28 min Scan# 228
Delta R.T. 0.01 min
Lab File: VX015438.D
Acq: 30 Mar 2020 19:06

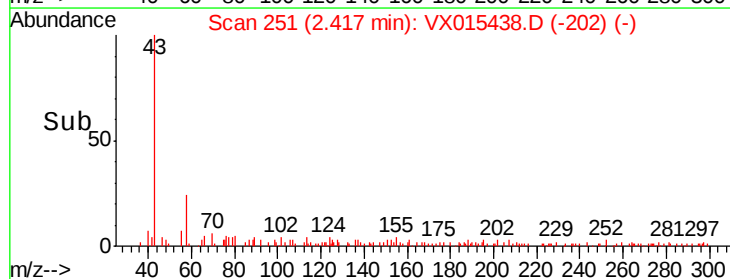
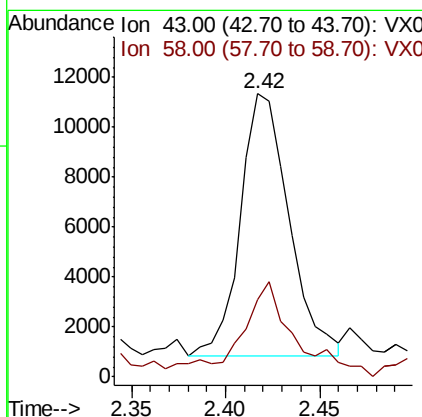
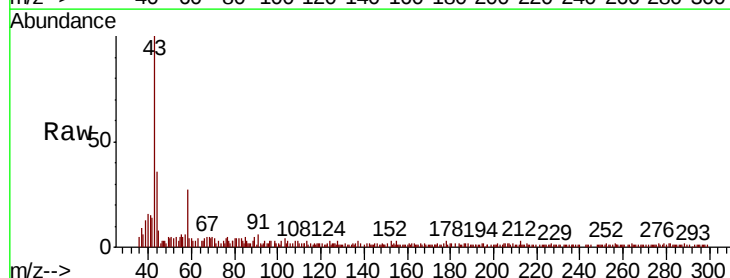
Instrument :
MSVOA_X
ClientSampled :

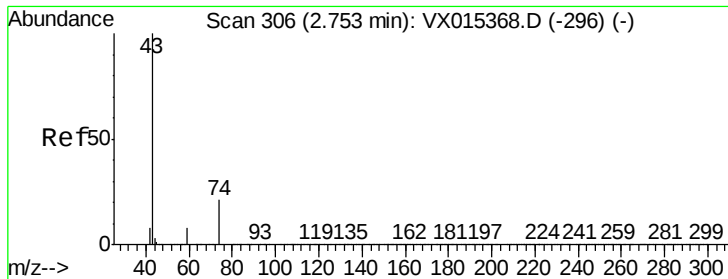
Tot Ion: 56 Resp: 1063
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#



#16
Acetone
Concen: 2.724 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.00 min
Lab File: VX015438.D
Acq: 30 Mar 2020 19:06

Tgt Ion: 43 Resp: 18817
Ion Ratio Lower Upper
43 100
58 24.4 22.1 33.1

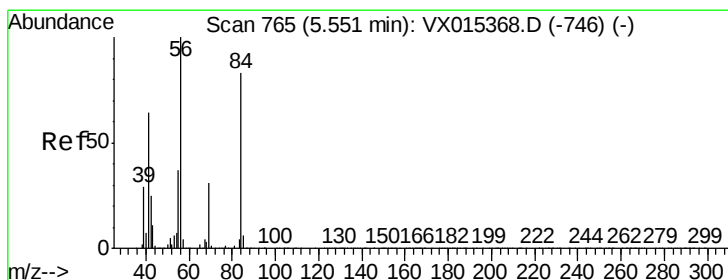
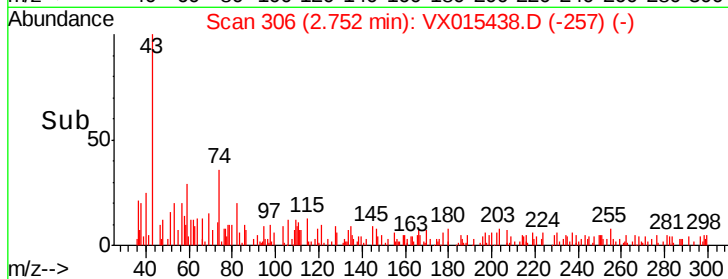
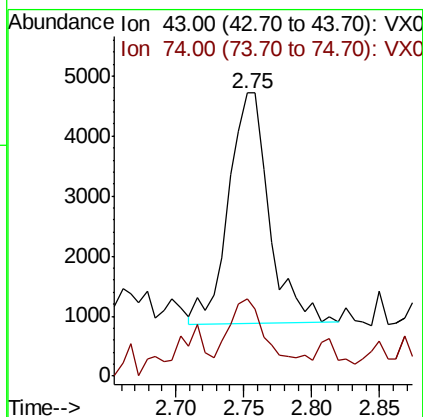
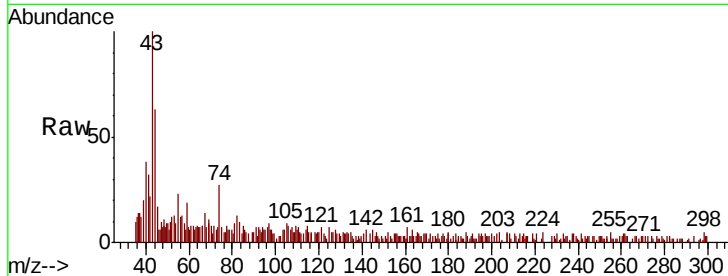




#18
Methvl Acetate
Concen: 0.451 ug/l
RT: 2.75 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX015438.D
Acq: 30 Mar 2020 19:06

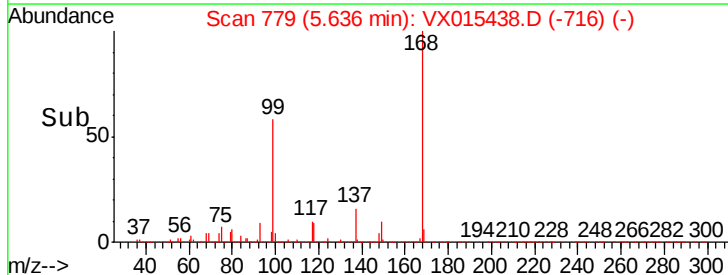
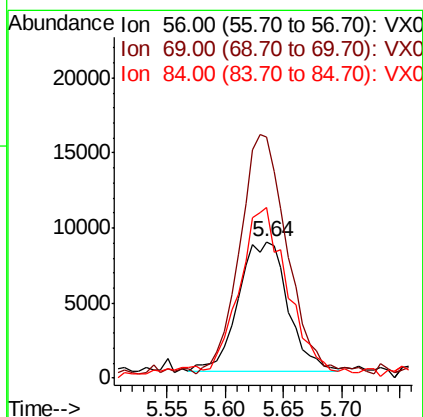
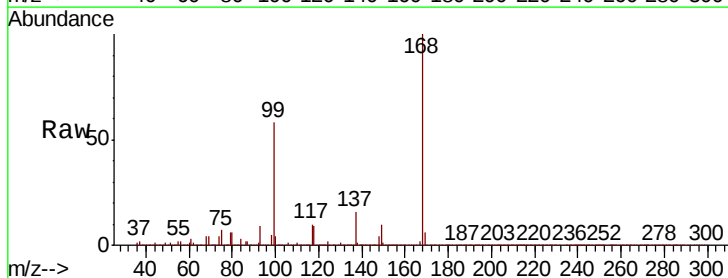
Instrument :
MSVOA_X
ClientSampled :

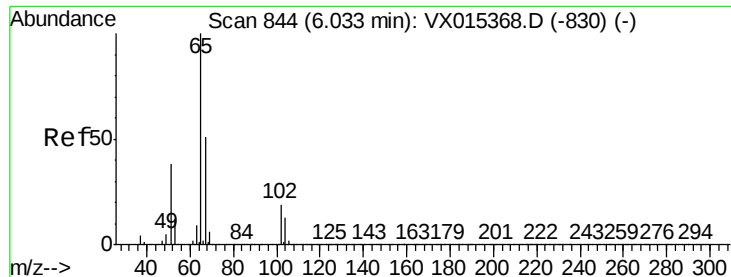
Tot Ion: 43 Resp: 7958
Ion Ratio Lower Upper
43 100
74 20.7 16.5 24.7



#31
Cyclohexane
Concen: 1.245 ug/l
RT: 5.64 min Scan# 779
Delta R.T. 0.09 min
Lab File: VX015438.D
Acq: 30 Mar 2020 19:06

Tgt Ion: 56 Resp: 25351
Ion Ratio Lower Upper
56 100
69 179.9 24.6 36.8#
84 126.2 66.1 99.1#

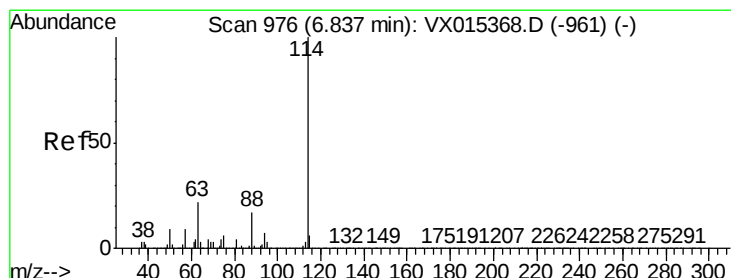
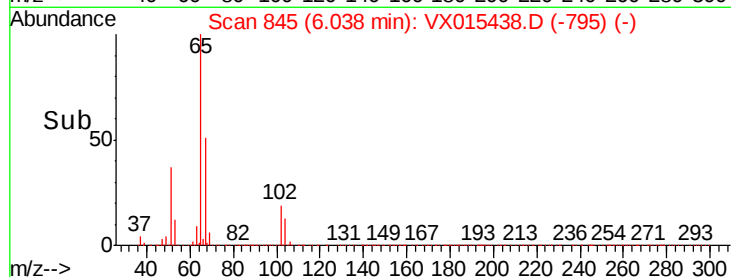
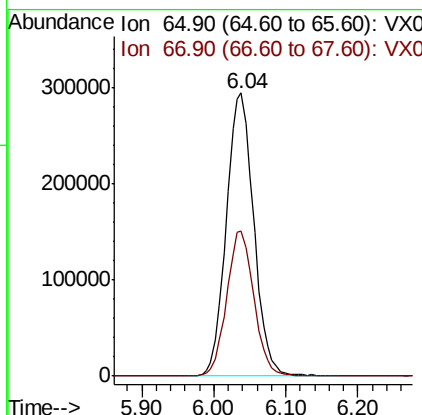
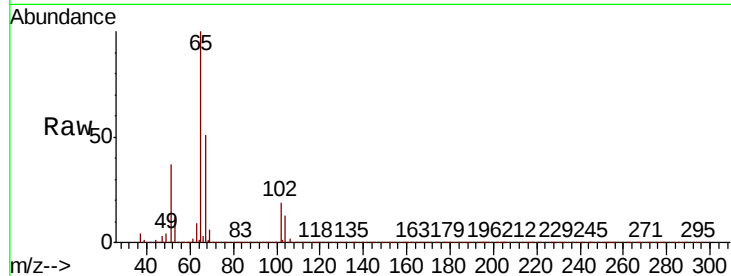




#33
 1,2-Dichloroethane-d4
 Concen: 48.339 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015438.D
 Acq: 30 Mar 2020 19:06

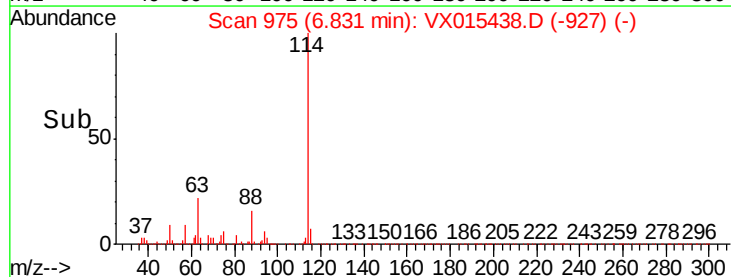
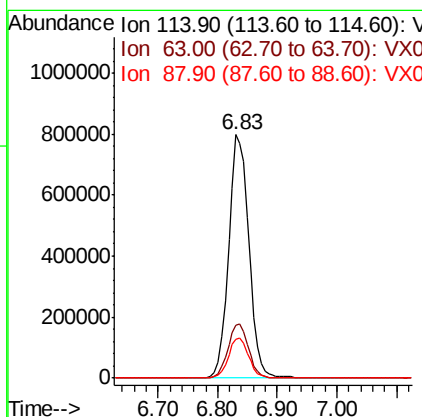
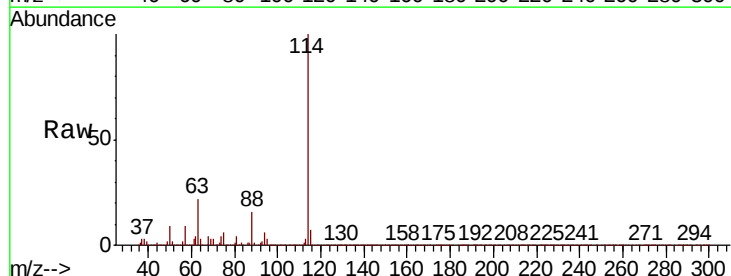
Instrument :
 MSVOA_X
 ClientSampleId :

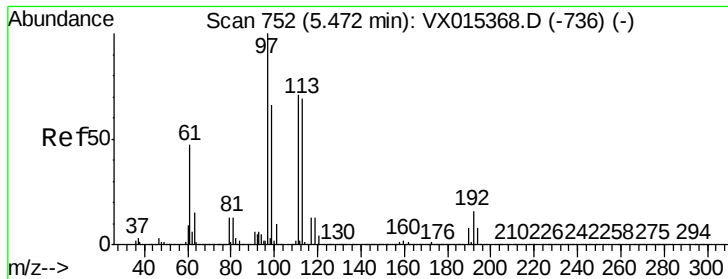
Tot Ion: 65 Resp: 777315
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015438.D
 Acq: 30 Mar 2020 19:06

Tgt Ion: 114 Resp: 1873794
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.2
 88 15.7 0.0 33.8

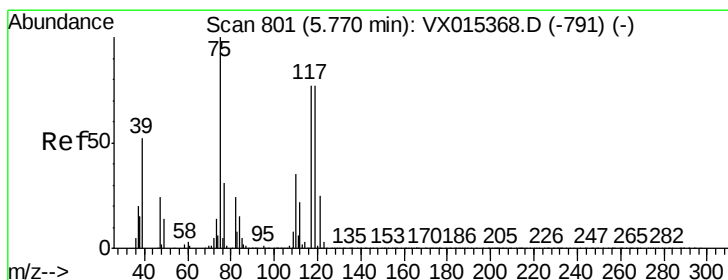
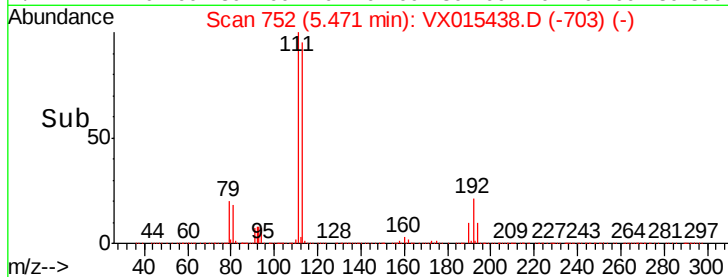
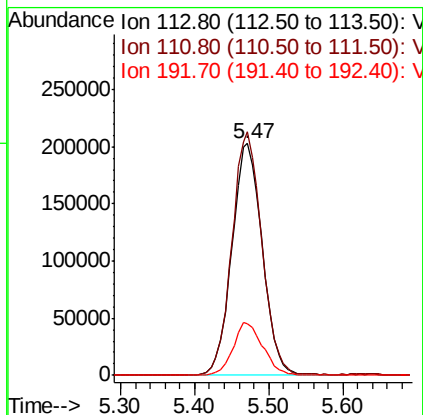
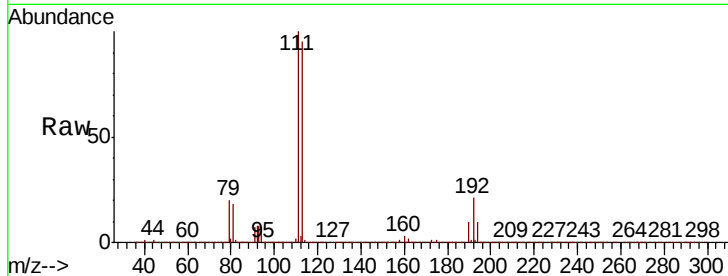




#35
 Dibromofluoromethane
 Concen: 48.453 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015438.D
 Acq: 30 Mar 2020 19:06

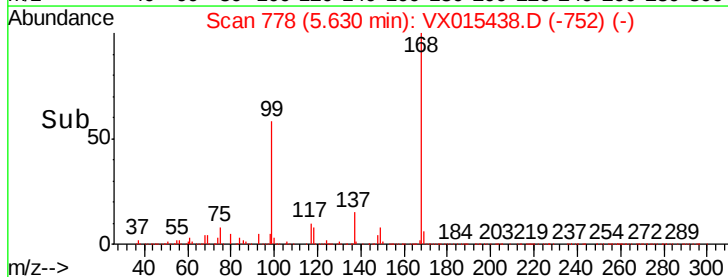
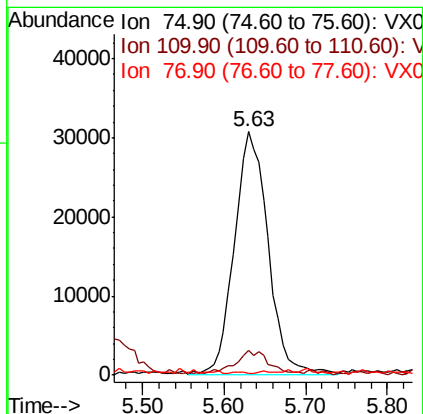
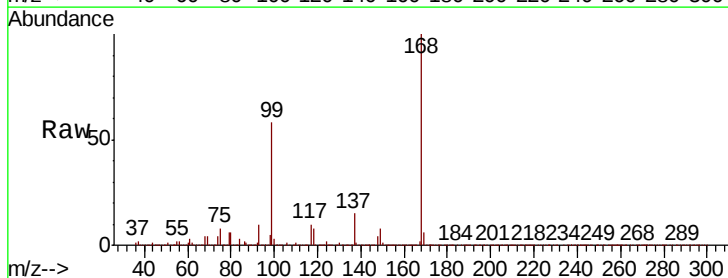
Instrument :
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 ClientSampleId :

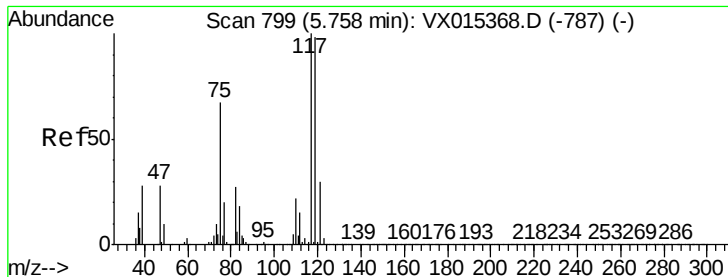
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.5	122.3
192	22.4	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 5.147 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.14 min
 Lab File: VX015438.D
 Acq: 30 Mar 2020 19:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.1	51.3#
77	0.2	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 5.938 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.13 min

Lab File: VX015438.D

Acq: 30 Mar 2020 19:06

Instrument :

MSVOA_X

ClientSampleId :

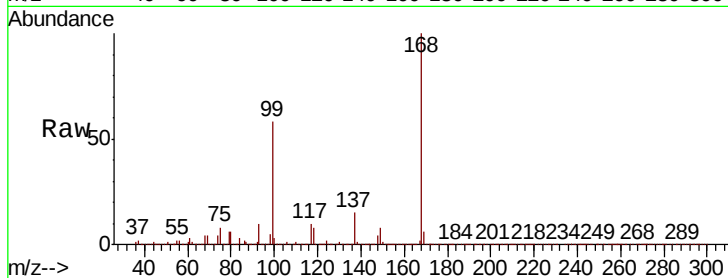
Tot Ion:117 Resp: 111032

Ion Ratio Lower Upper

117 100

119 4.0 78.0 117.0#

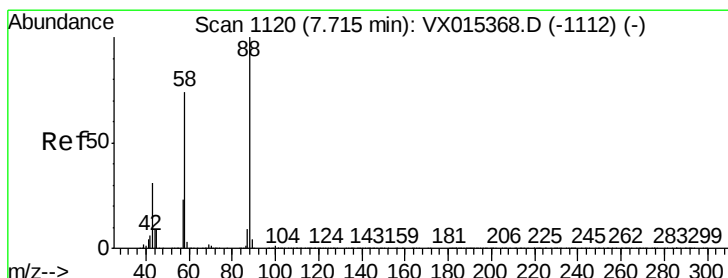
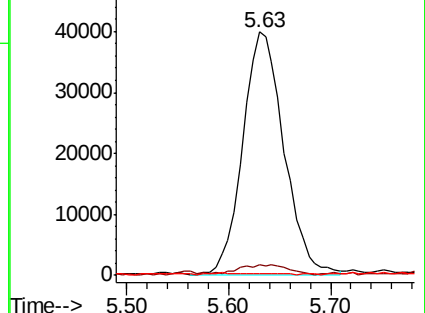
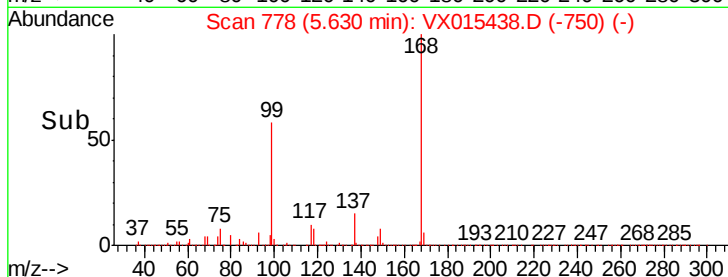
121 0.2 23.8 35.8#



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: 1.770 ug/l

RT: 7.71 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015438.D

Acq: 30 Mar 2020 19:06

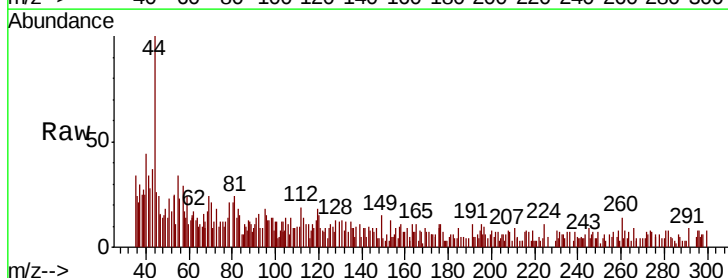
Tgt Ion: 88 Resp: 626

Ion Ratio Lower Upper

88 100

43 93.3 30.1 45.1#

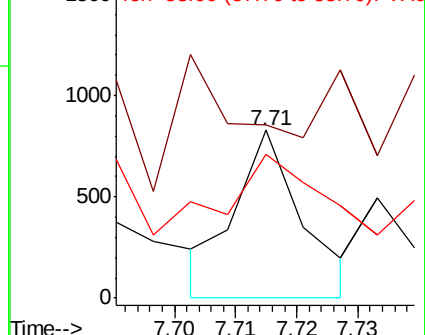
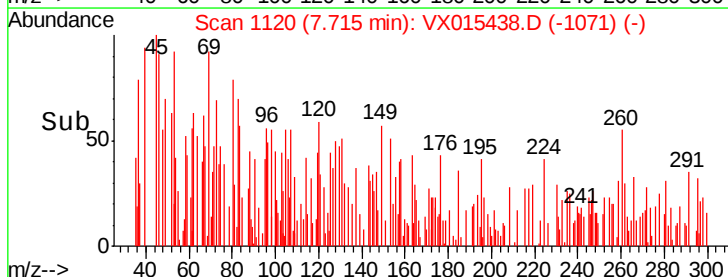
58 47.3 60.6 90.8#

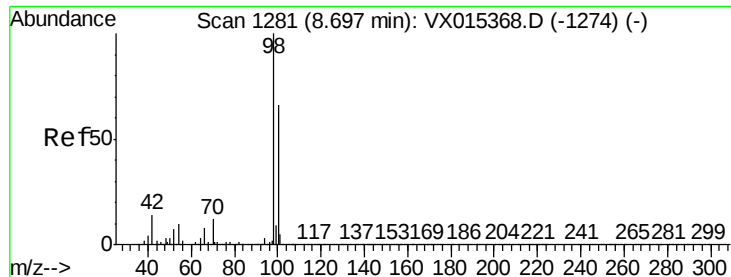


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

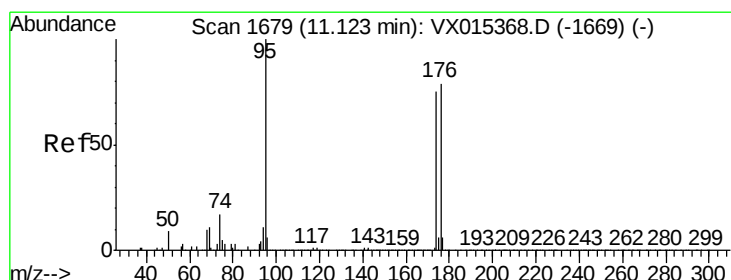
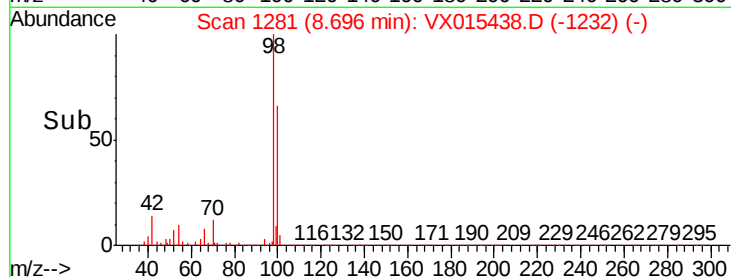
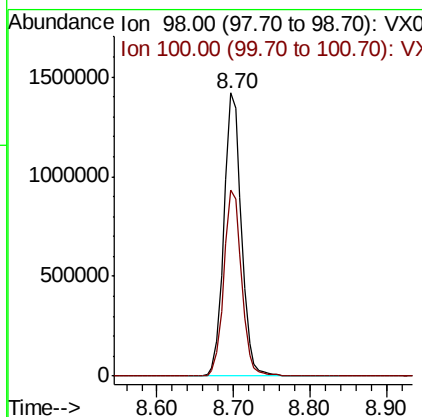
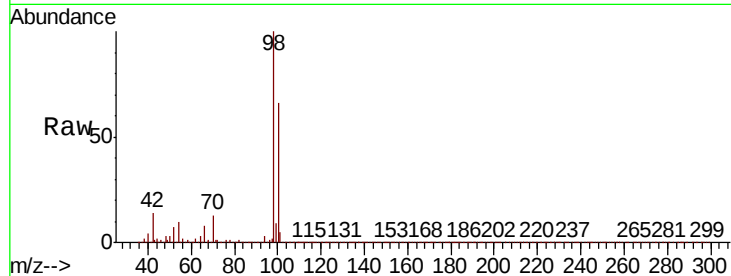




#50
Toluene-d8
Concen: 50.943 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015438.D
Acq: 30 Mar 2020 19:06

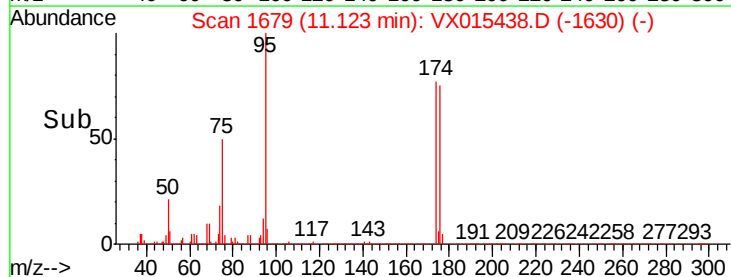
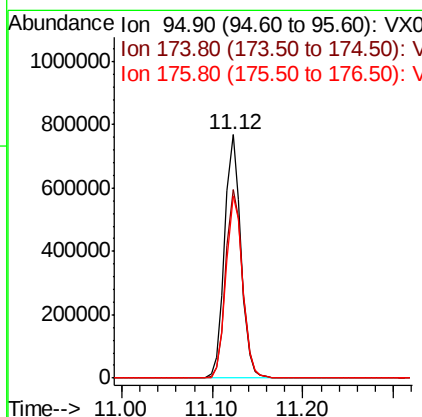
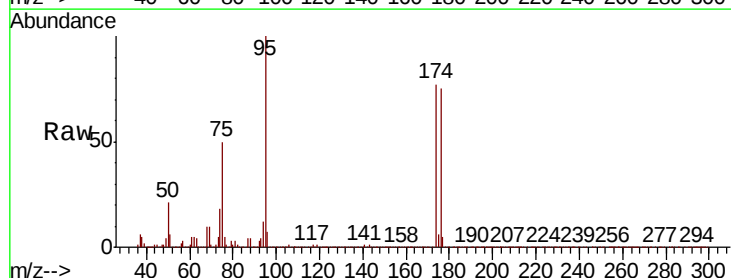
Instrument :
MSVOA_X
ClientSampleId :

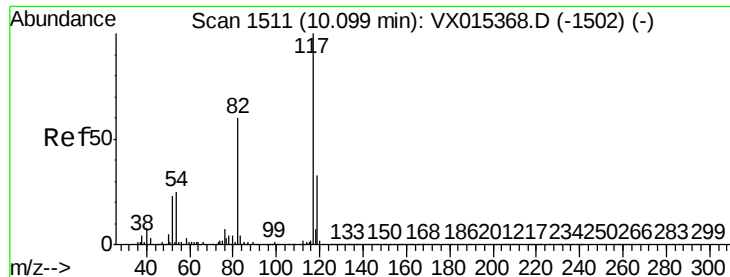
Tot Ion: 98 Resp: 2246525
Ion Ratio Lower Upper
98 100
100 66.3 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 53.718 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015438.D
Acq: 30 Mar 2020 19:06

Tgt Ion: 95 Resp: 962724
Ion Ratio Lower Upper
95 100
174 79.3 0.0 158.6
176 76.8 0.0 159.0

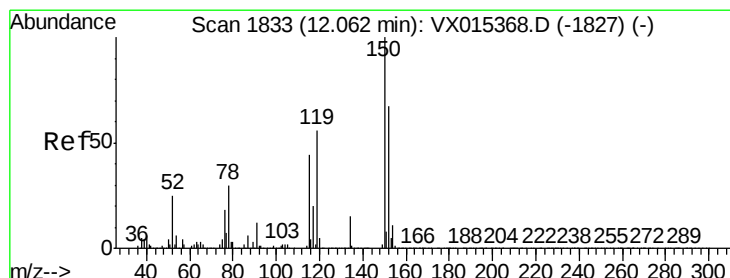
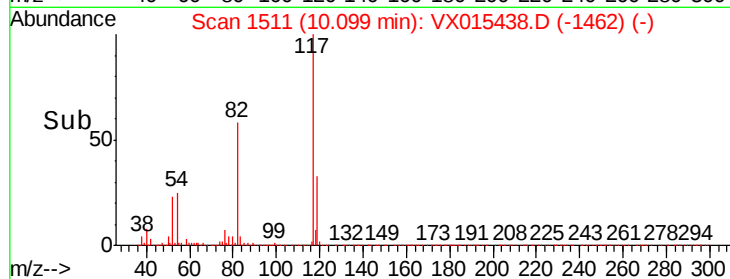
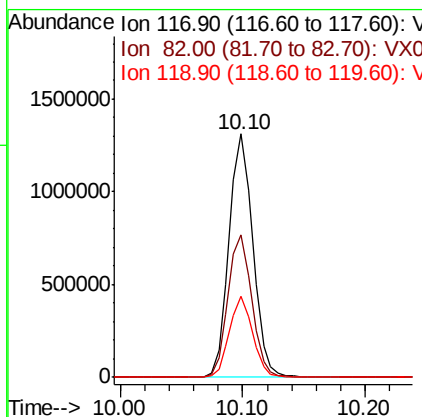
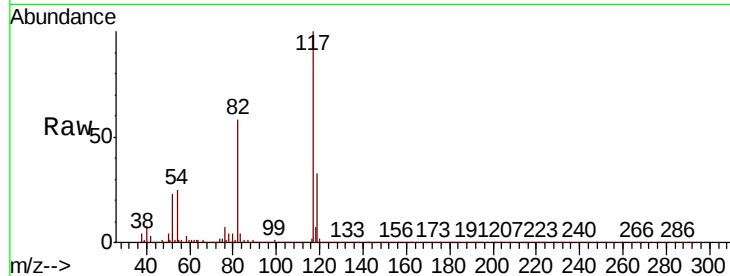




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015438.D
Acq: 30 Mar 2020 19:06

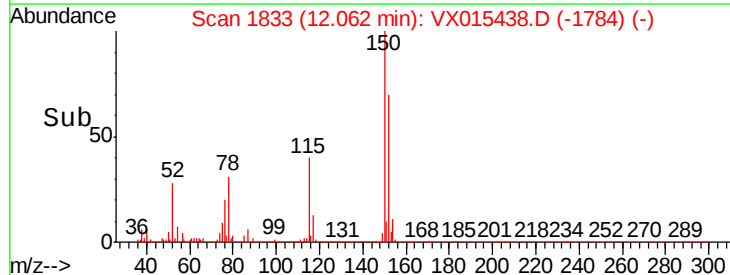
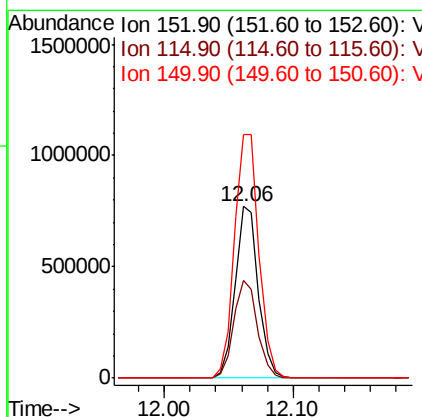
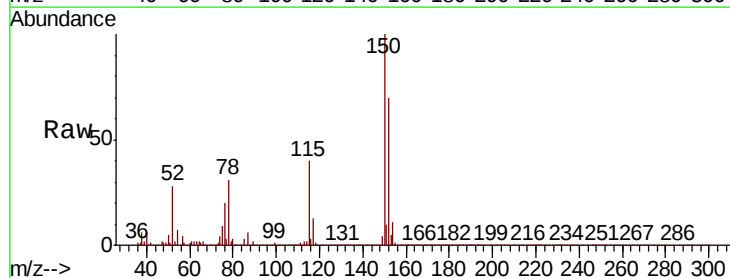
Instrument :
MSVOA_X
ClientSampleId :

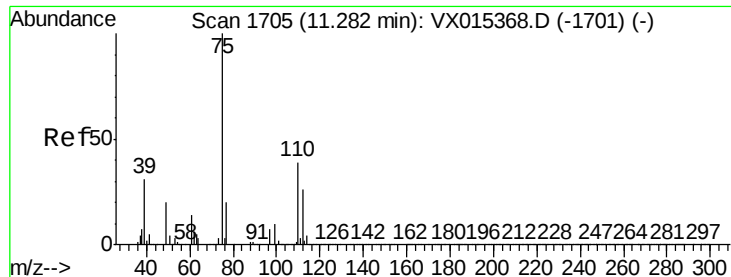
Tot Ion:117 Resp: 1770899
Ion Ratio Lower Upper
117 100
82 58.4 47.8 71.8
119 33.0 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015438.D
Acq: 30 Mar 2020 19:06

Tgt Ion:152 Resp: 960886
Ion Ratio Lower Upper
152 100
115 58.2 39.0 116.9
150 150.1 0.0 340.8





#76

1,2,3-Trichloropropane

Concen: 25.445 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015438.D

Acq: 30 Mar 2020 19:06

Instrument :

MSVOA_X

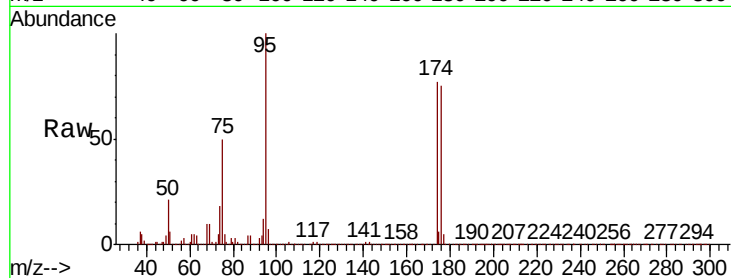
ClientSampled :

Tot Ion: 75 Resp: 502781

Ion Ratio Lower Upper

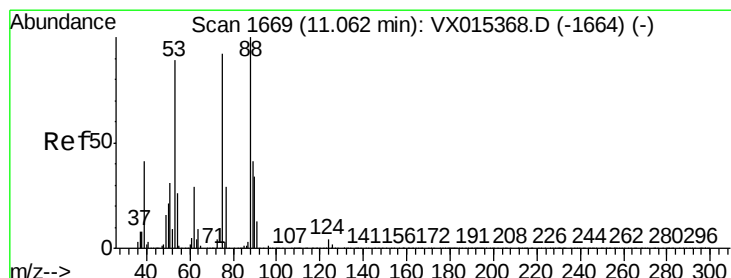
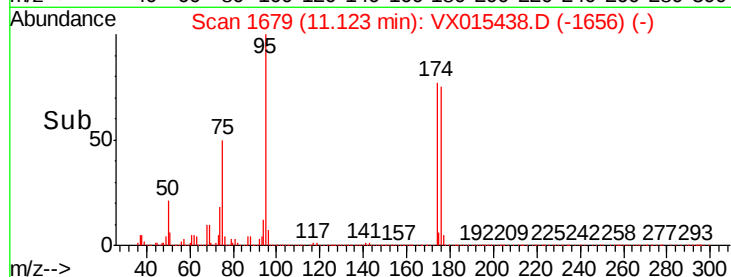
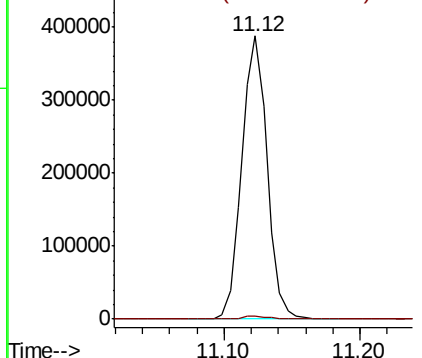
75 100

77 1.2 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: 61.053 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015438.D

Acq: 30 Mar 2020 19:06

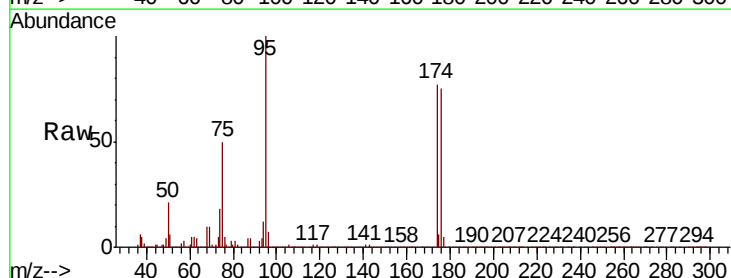
Tgt Ion: 75 Resp: 502781

Ion Ratio Lower Upper

75 100

53 0.1 80.1 120.1#

89 0.0 36.1 54.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

