

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033020\
 Data File : VX015437.D
 Acq On : 30 Mar 2020 18:43
 Operator : JC/SP
 Sample : L2048-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 31 08:54:32 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	5.63	168	1072850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1800532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1735607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	944021	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	750852	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
35) Dibromofluoromethane	5.47	113	564256	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
50) Toluene-d8	8.70	98	2175015	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.12	95	955427	55.48	ug/l	0.00
Spiked Amount			Recovery	=	110.96%	

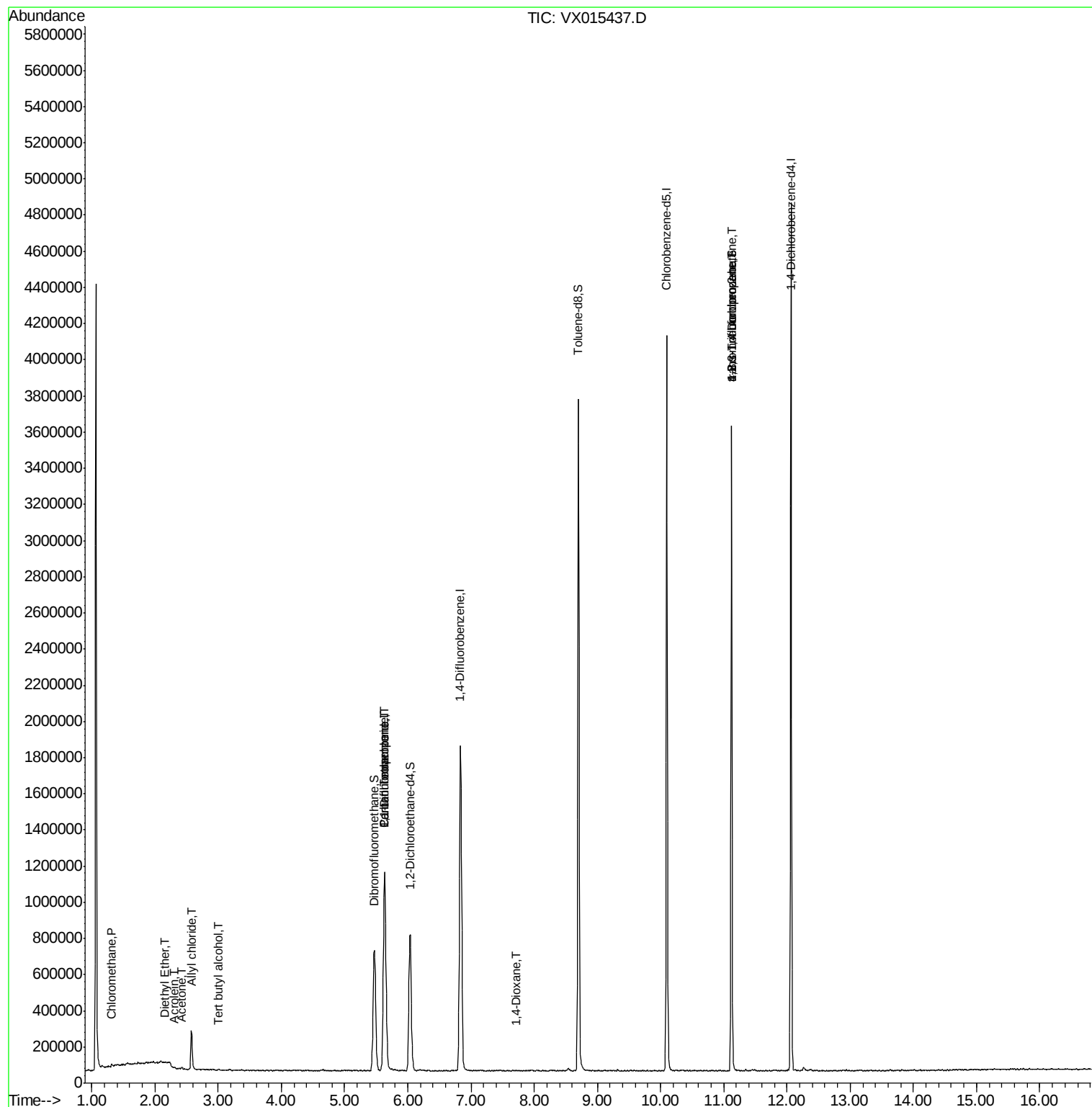
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	8468	0.703	ug/l	93
5) Bromomethane	1.63	94	605	Below Cal	#	42
8) Diethyl Ether	2.15	74	1901	0.304	ug/l	70
11) Tert butyl alcohol	3.01	59	5373	1.484	ug/l #	73
13) Acrolein	2.30	56	690	0.334	ug/l #	14
14) Allyl chloride	2.58	41	21906	0.926	ug/l #	64
16) Acetone	2.42	43	13342	2.052	ug/l #	83
36) 1,1-Dichloropropene	5.63	75	81011	4.883	ug/l #	51
38) Carbon Tetrachloride	5.63	117	106013	5.900	ug/l #	15
49) 1,4-Dioxane	7.71	88	441	1.298	ug/l #	37
76) 1,2,3-Trichloropropane	11.12	75	491185	25.302	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	491185	60.711	ug/l #	10

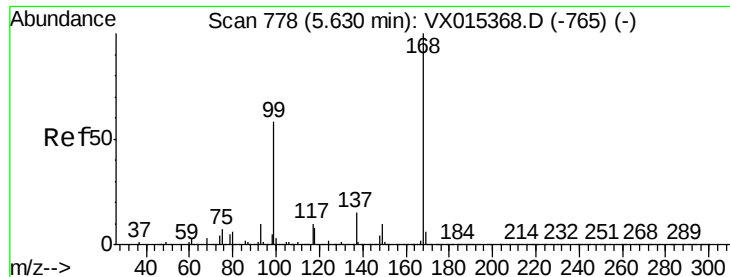
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX033020\
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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: 5.63 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: VX015437.D
 Acq: 30 Mar 2020 18:43

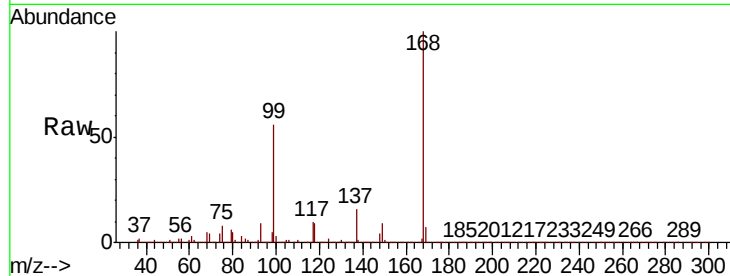
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:168 Resp: 1072850

Ion Ratio Lower Upper

168 100

99 56.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

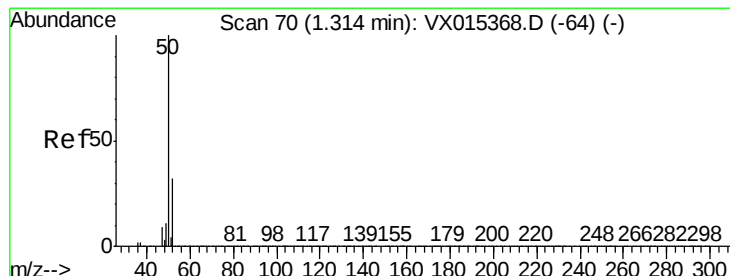
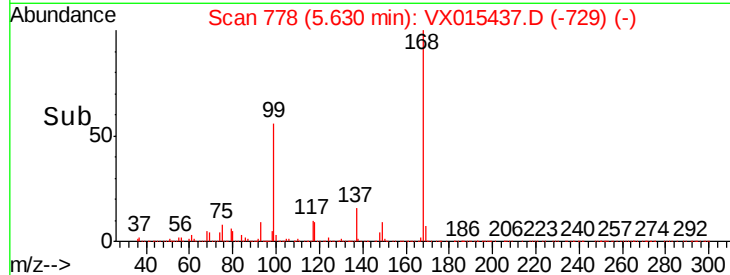
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#3

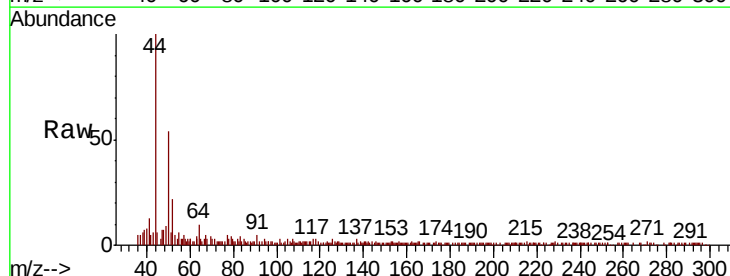
Chloromethane
 Concen: 0.703 ug/l
 RT: 1.31 min Scan# 70
 Delta R.T. -0.00 min
 Lab File: VX015437.D
 Acq: 30 Mar 2020 18:43

Tgt Ion: 50 Resp: 8468

Ion Ratio Lower Upper

50 100

52 35.6 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

8000

6000

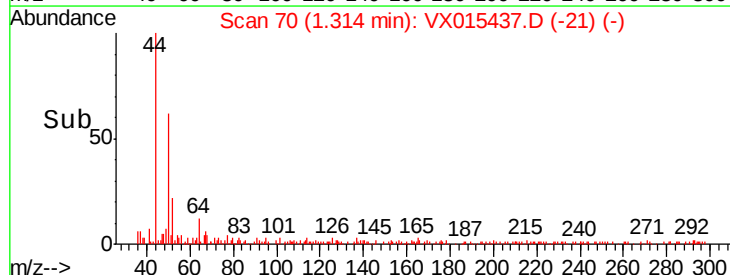
4000

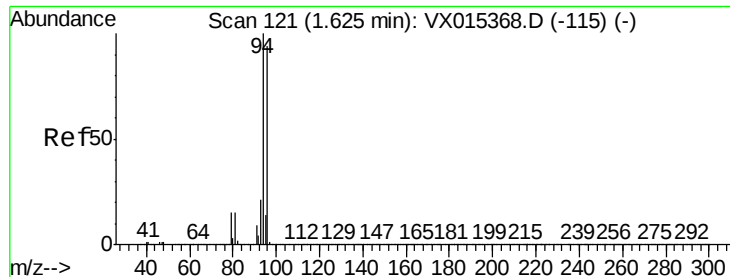
2000

0

1.25 1.30 1.35

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015437.D

Acq: 30 Mar 2020 18:43

Instrument :

MSVOA_X

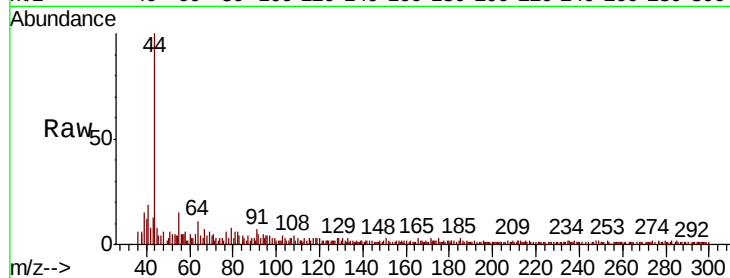
ClientSampleId :

Tot Ion: 94 Resp: 605

Ion Ratio Lower Upper

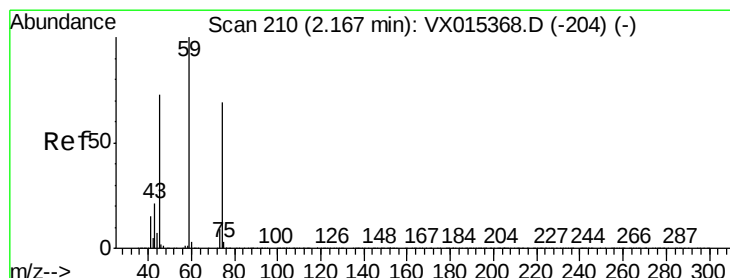
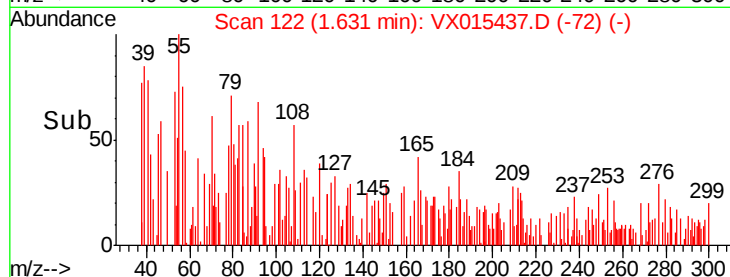
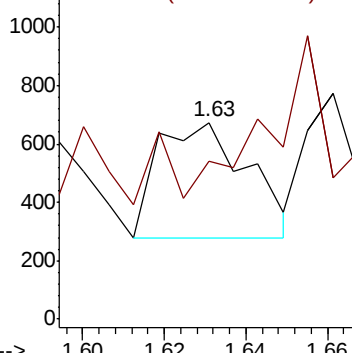
94 100

96 38.0 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#8

Diethyl Ether

Concen: 0.304 ug/l

RT: 2.15 min Scan# 207

Delta R.T. -0.02 min

Lab File: VX015437.D

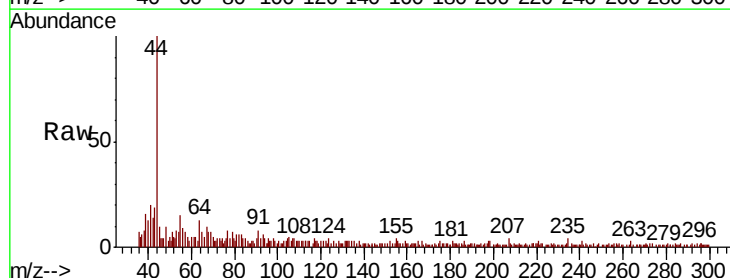
Acq: 30 Mar 2020 18:43

Tgt Ion: 74 Resp: 1901

Ion Ratio Lower Upper

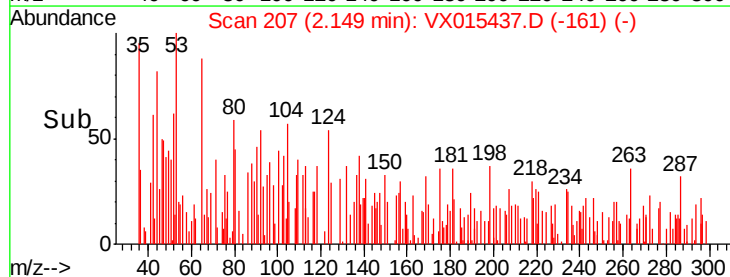
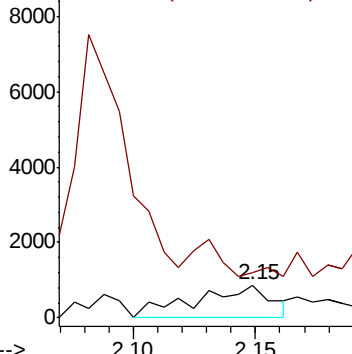
74 100

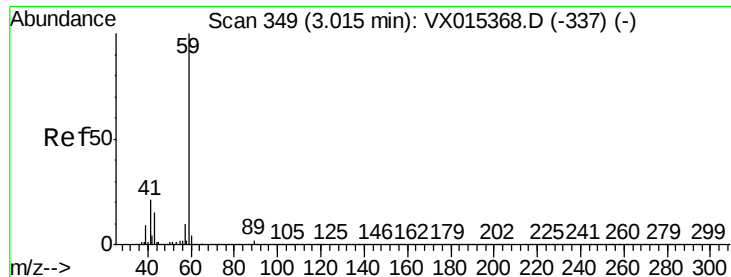
45 76.3 53.8 161.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



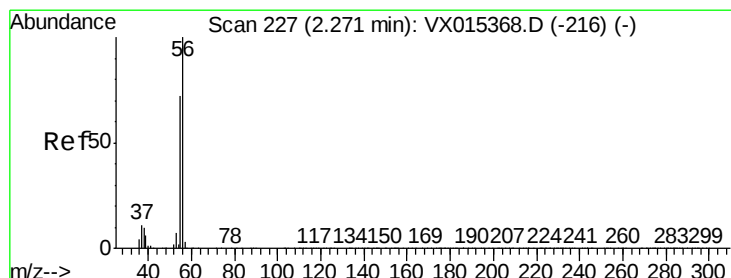
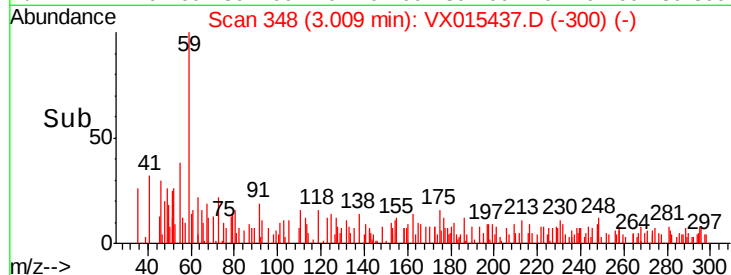
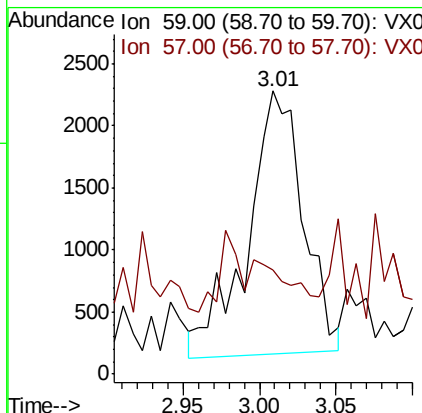
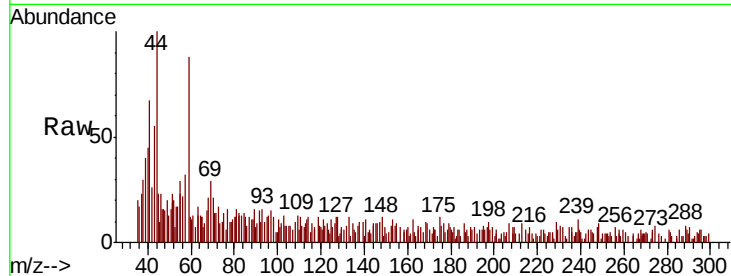


#11

Tert butyl alcohol
Concen: 1.484 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015437.D
Acq: 30 Mar 2020 18:43

Instrument :
MSVOA_X
ClientSampled :

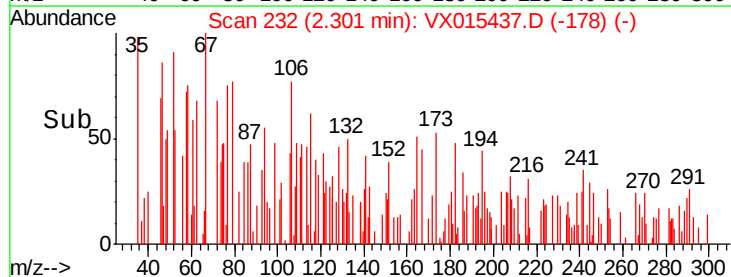
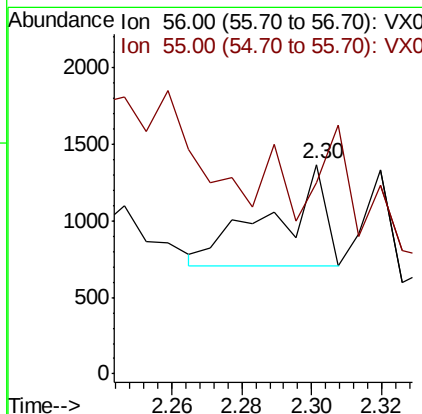
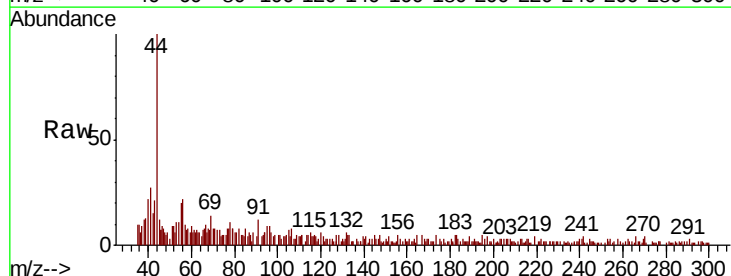
Tot Ion: 59 Resp: 5373
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

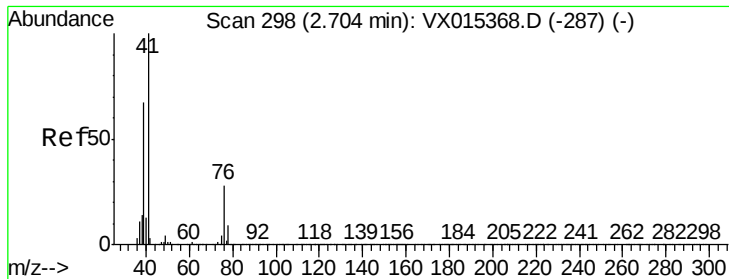


#13

Acrolein
Concen: 0.334 ug/l
RT: 2.30 min Scan# 232
Delta R.T. 0.03 min
Lab File: VX015437.D
Acq: 30 Mar 2020 18:43

Tgt Ion: 56 Resp: 690
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#

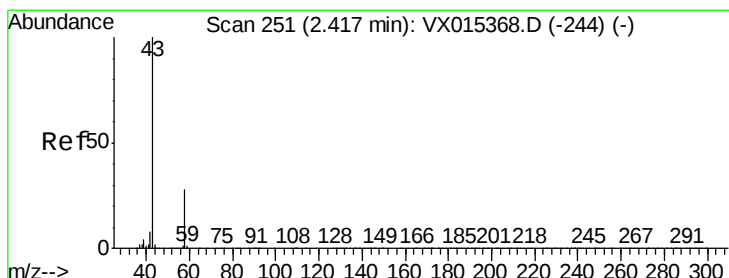
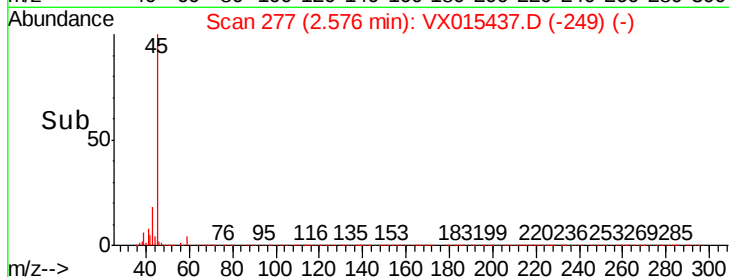
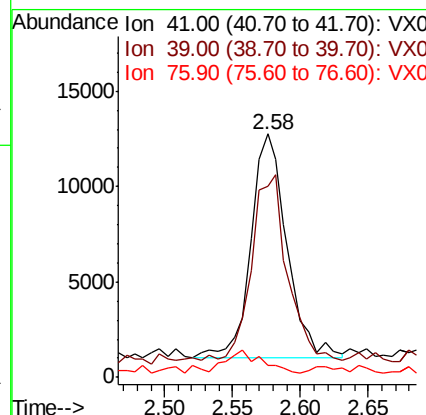
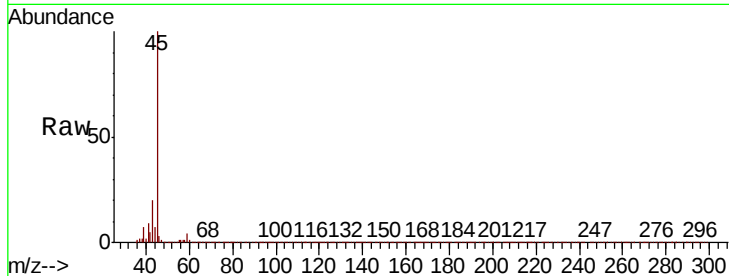




#14
Allvl chloride
Concen: 0.926 ug/l
RT: 2.58 min Scan# 277
Delta R.T. -0.13 min
Lab File: VX015437.D
Acq: 30 Mar 2020 18:43

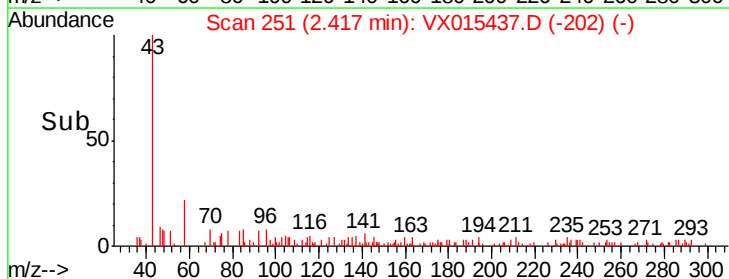
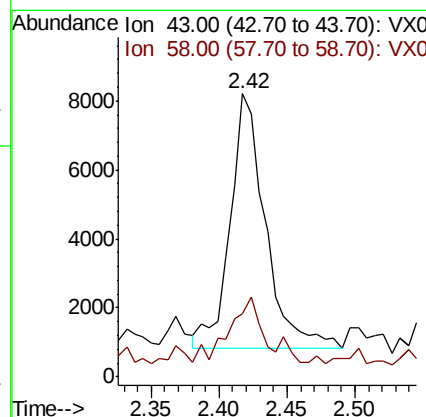
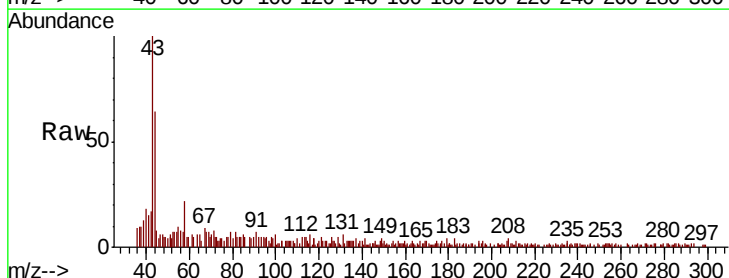
Instrument :
MSVOA_X
ClientSampleId :

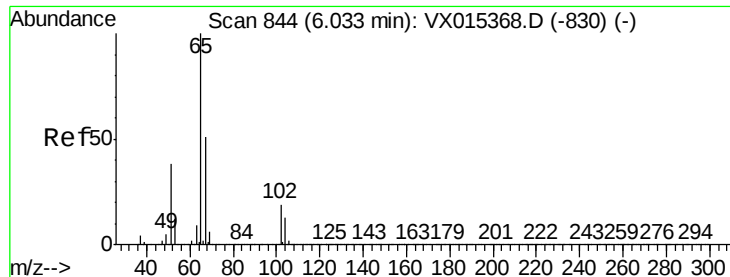
Tot Ion: 41 Resp: 21906
Ion Ratio Lower Upper
41 100
39 86.5 51.4 77.0#
76 0.0 21.8 32.8#



#16
Acetone
Concen: 2.052 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.00 min
Lab File: VX015437.D
Acq: 30 Mar 2020 18:43

Tgt Ion: 43 Resp: 13342
Ion Ratio Lower Upper
43 100
58 18.9 22.1 33.1#

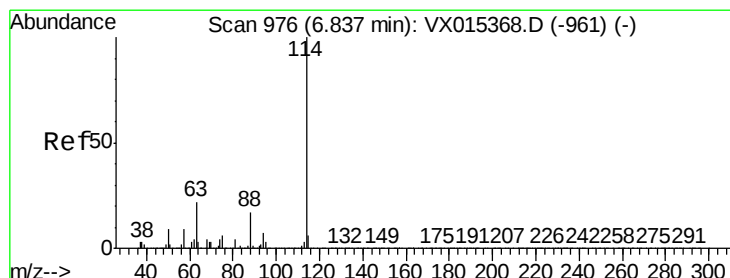
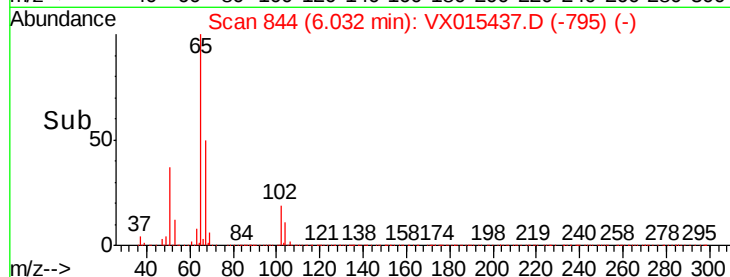
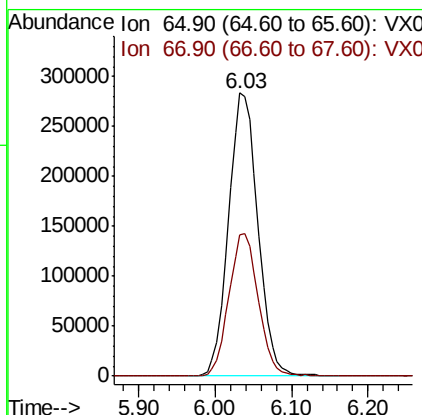
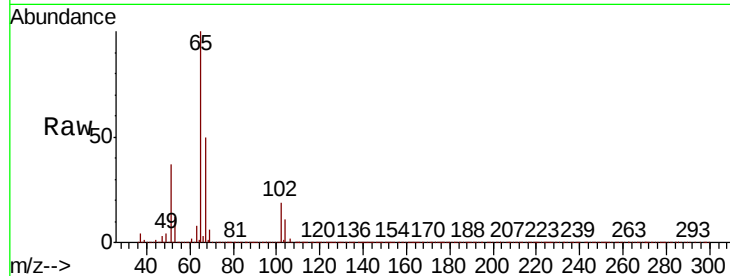




#33
 1,2-Dichloroethane-d4
 Concen: 49.622 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015437.D
 Acq: 30 Mar 2020 18:43

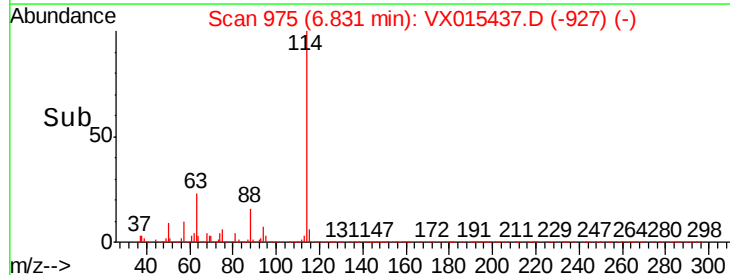
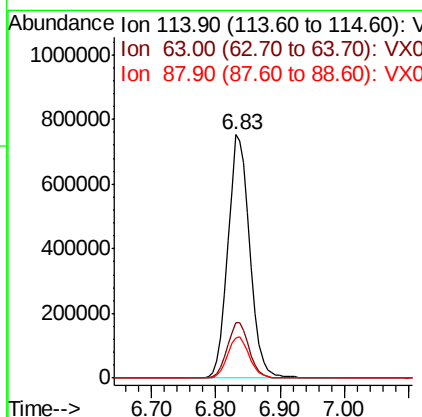
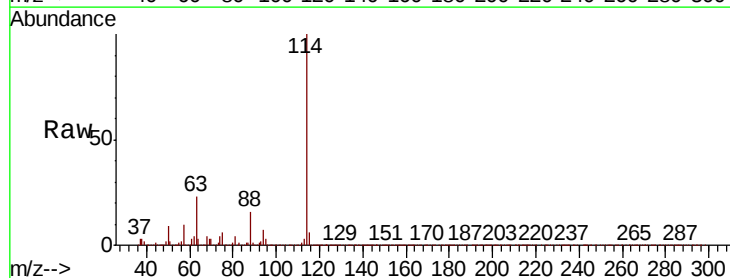
Instrument :
 MSVOA_X
 ClientSampleId :

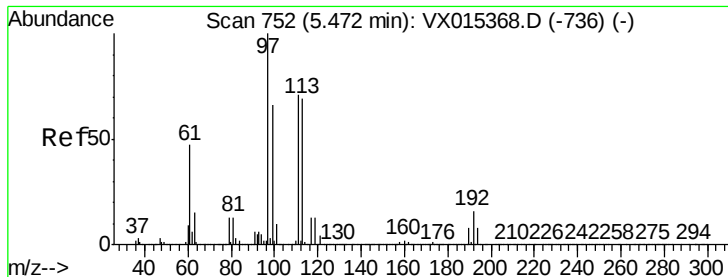
Tot Ion: 65 Resp: 750852
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015437.D
 Acq: 30 Mar 2020 18:43

Tgt Ion: 114 Resp: 1800532
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.2
 88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.025 ug/l

RT: 5.47 min Scan# 751

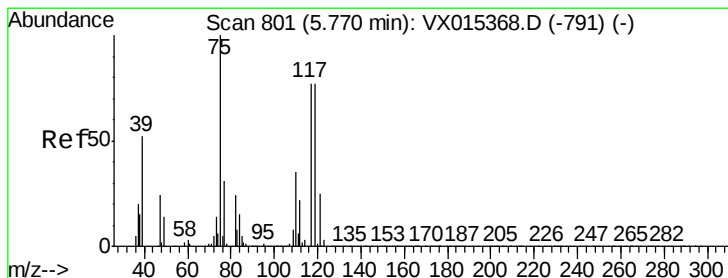
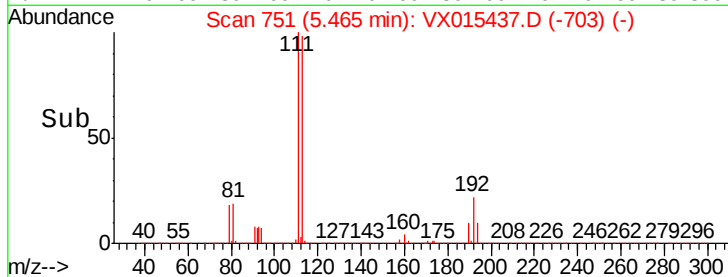
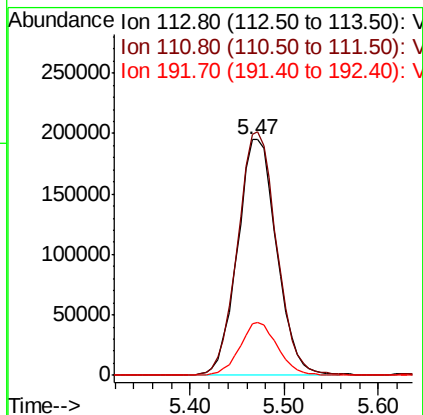
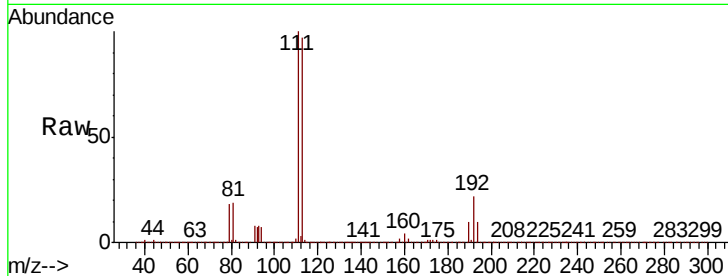
Delta R.T. -0.01 min

Lab File: VX015437.D

Acq: 30 Mar 2020 18:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	564256
Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.5	122.3
192	21.8	17.8	26.6



#36

1,1-Dichloropropene

Concen: 4.883 ug/l

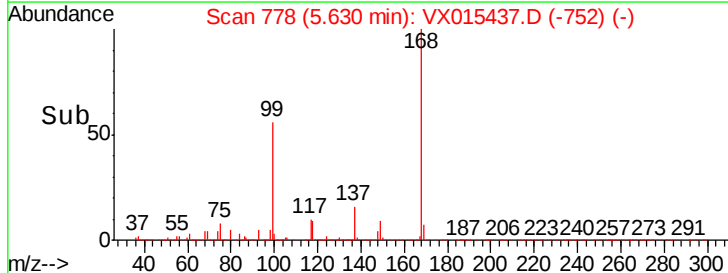
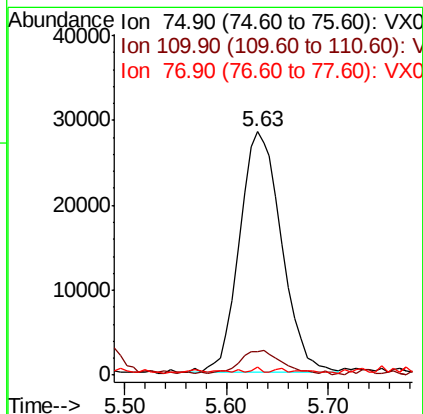
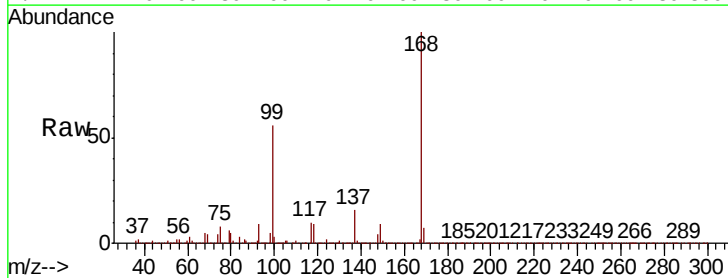
RT: 5.63 min Scan# 778

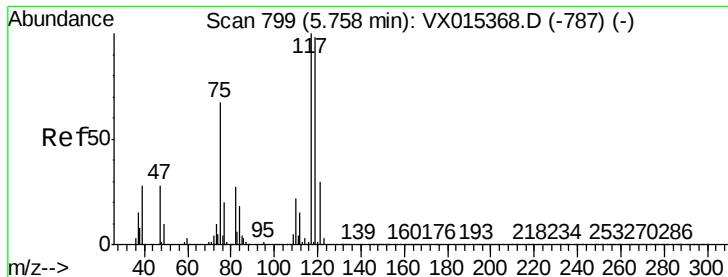
Delta R.T. -0.14 min

Lab File: VX015437.D

Acq: 30 Mar 2020 18:43

Tgt Ion:	75	Resp:	81011
Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.1	51.3#
77	0.7	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 5.900 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.13 min

Lab File: VX015437.D

Acq: 30 Mar 2020 18:43

Instrument :

MSVOA_X

ClientSampled :

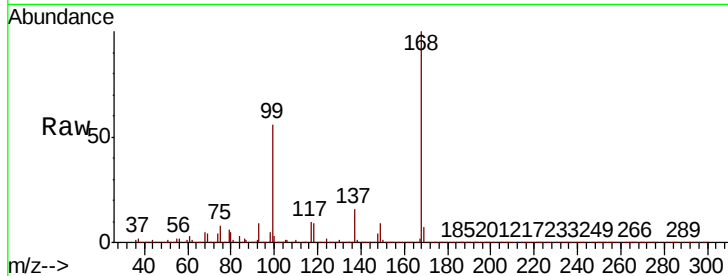
Tot Ion:117 Resp: 106013

Ion Ratio Lower Upper

117 100

119 4.8 78.0 117.0#

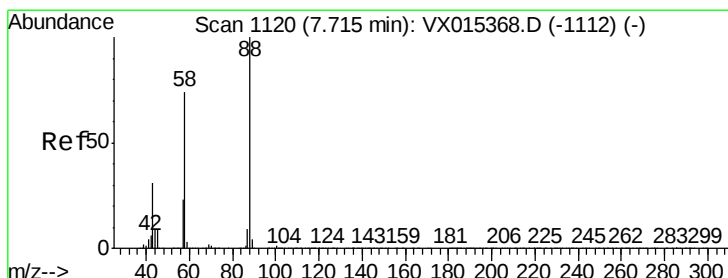
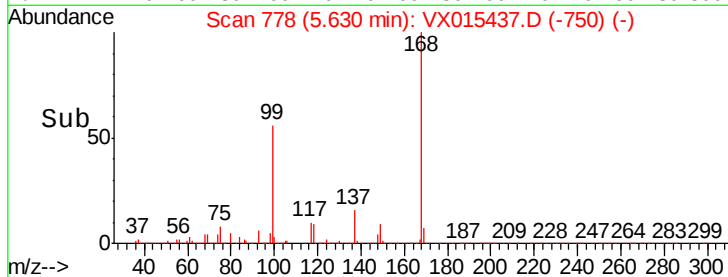
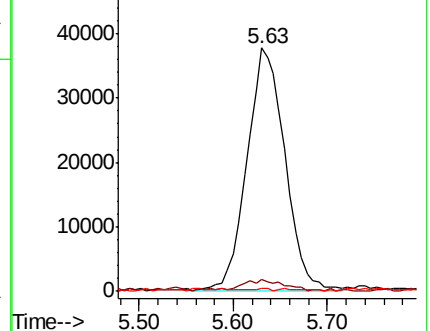
121 0.6 23.8 35.8#



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: 1.298 ug/l

RT: 7.71 min Scan# 1119

Delta R.T. -0.01 min

Lab File: VX015437.D

Acq: 30 Mar 2020 18:43

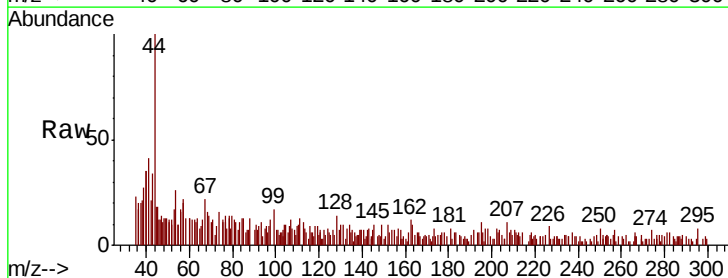
Tgt Ion: 88 Resp: 441

Ion Ratio Lower Upper

88 100

43 30.2 30.1 45.1

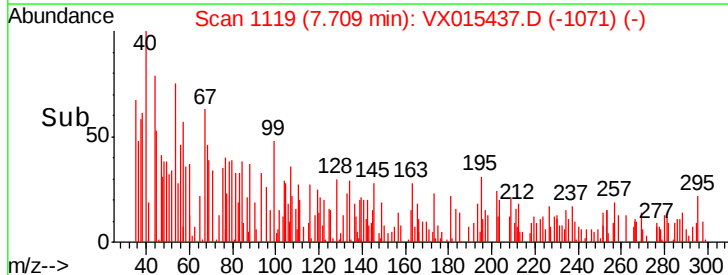
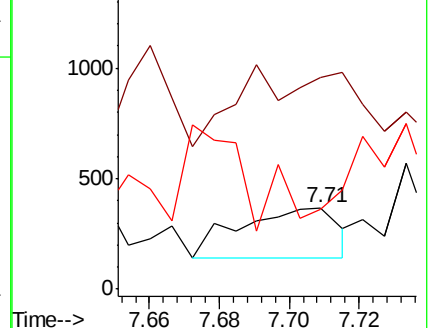
58 0.0 60.6 90.8#

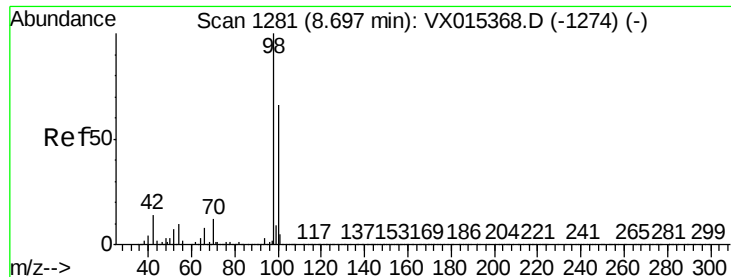


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.328 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015437.D

Acq: 30 Mar 2020 18:43

Instrument :

MSVOA_X

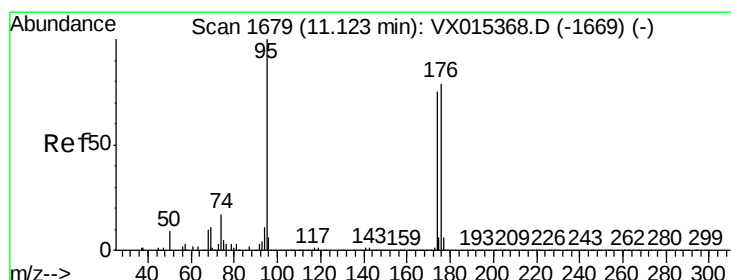
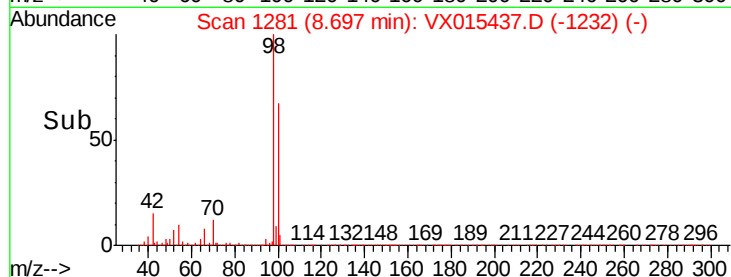
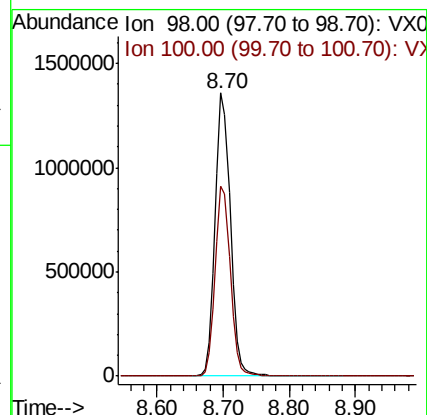
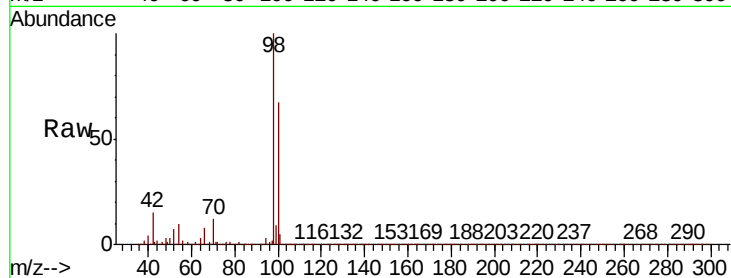
ClientSampleId :

Tot Ion: 98 Resp: 2175015

Ion Ratio Lower Upper

98 100

100 67.0 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 55.480 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015437.D

Acq: 30 Mar 2020 18:43

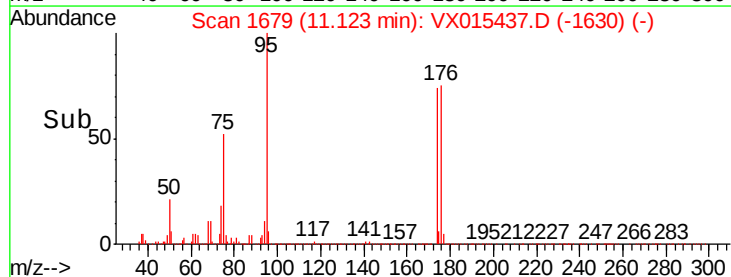
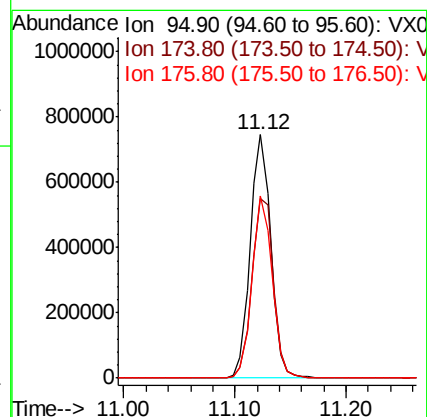
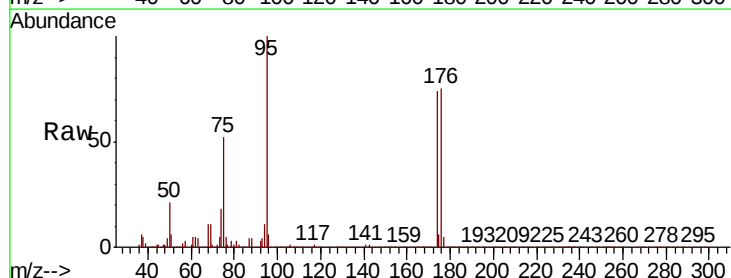
Tgt Ion: 95 Resp: 955427

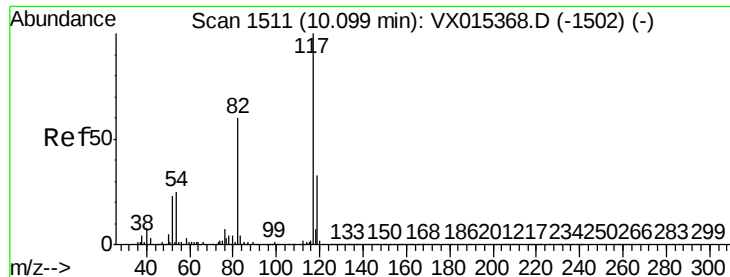
Ion Ratio Lower Upper

95 100

174 77.4 0.0 158.6

176 73.7 0.0 159.0

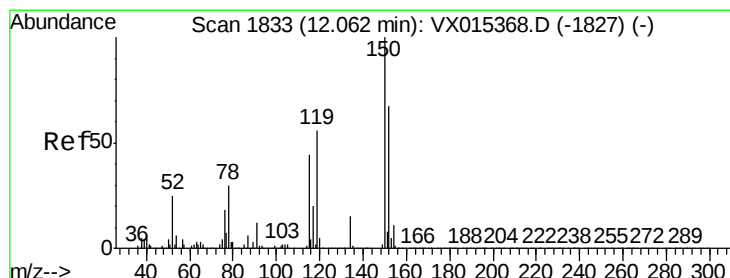
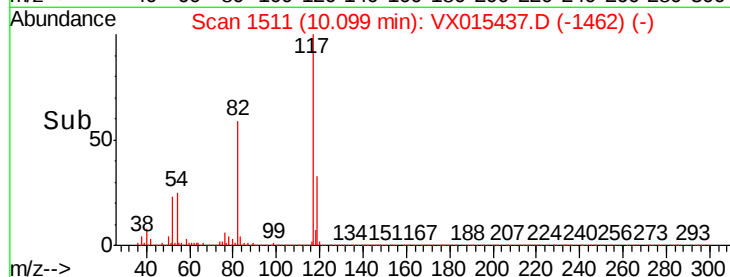
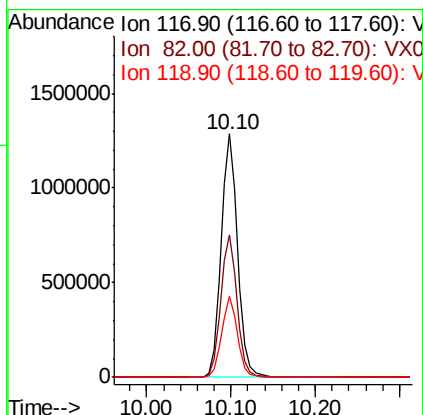
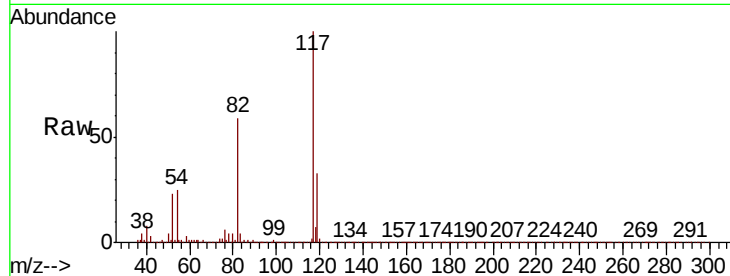




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015437.D
Acq: 30 Mar 2020 18:43

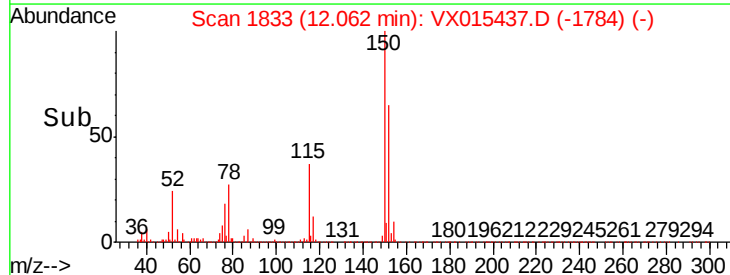
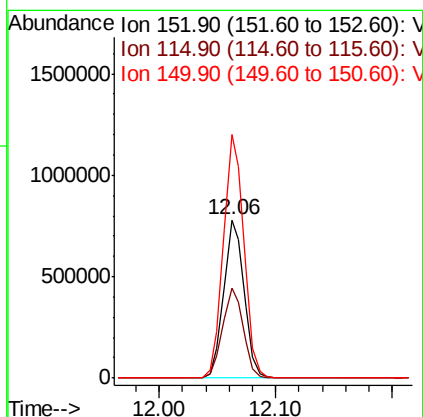
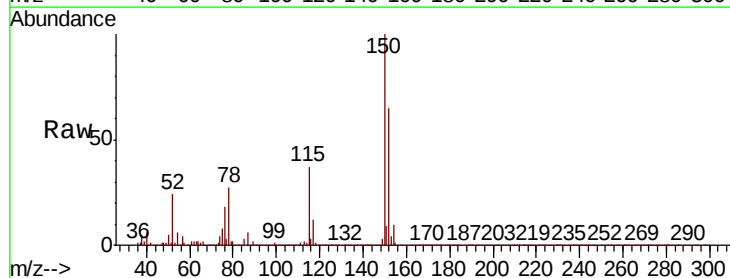
Instrument :
MSVOA_X
ClientSampleId :

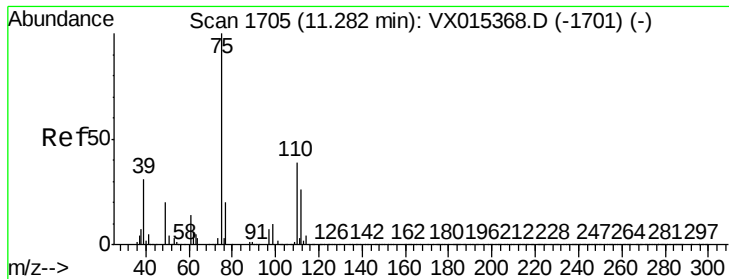
Tot Ion:117 Resp: 1735607
Ion Ratio Lower Upper
117 100
82 58.7 47.8 71.8
119 33.3 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015437.D
Acq: 30 Mar 2020 18:43

Tgt Ion:152 Resp: 944021
Ion Ratio Lower Upper
152 100
115 57.2 39.0 116.9
150 154.6 0.0 340.8

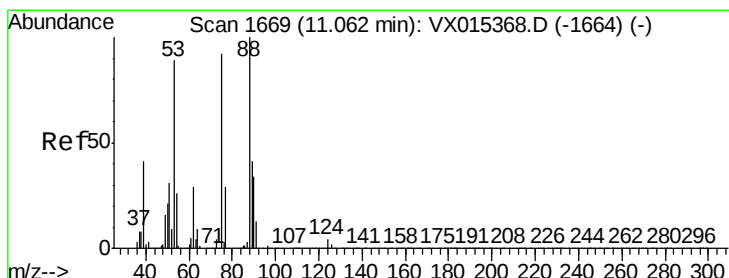
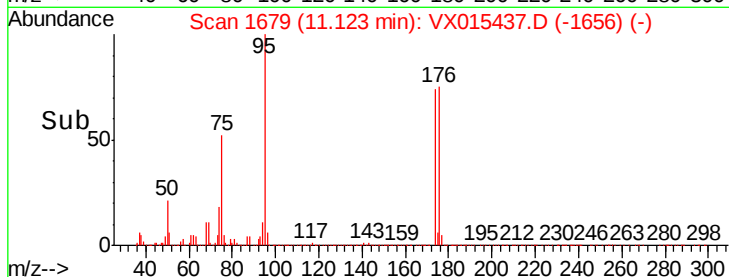
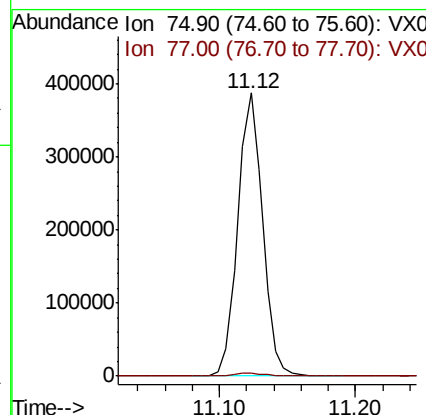
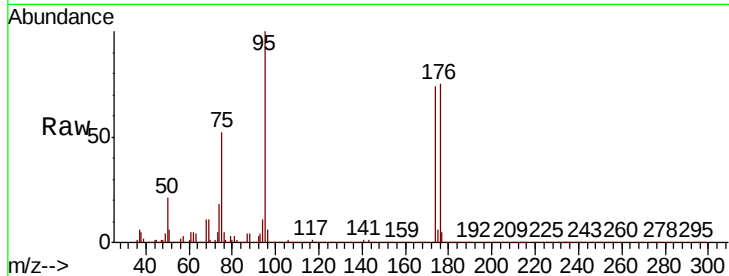




#76
 1,2,3-Trichloropropane
 Concen: 25.302 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.16 min
 Lab File: VX015437.D
 Acq: 30 Mar 2020 18:43

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 75 Resp: 491185
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.2 63.6#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.711 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.06 min
 Lab File: VX015437.D
 Acq: 30 Mar 2020 18:43

Tgt Ion: 75 Resp: 491185
 Ion Ratio Lower Upper
 75 100
 53 0.0 80.1 120.1#
 89 0.0 36.1 54.1#

