

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
 Data File : VX015409.D
 Acq On : 28 Mar 2020 03:09
 Operator : JC/SP
 Sample : L2021-04 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-B

Quant Time: Mar 30 01:52:18 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	1108482	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.84	114	1838004	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1731116	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	931616	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	757720	48.47	ug/l	0.00
Spiked Amount			Recovery	=	96.94%	
35) Dibromofluoromethane	5.47	113	580205	49.38	ug/l	0.00
Spiked Amount			Recovery	=	98.76%	
50) Toluene-d8	8.70	98	2229670	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	11.12	95	958641	54.53	ug/l	0.00
Spiked Amount			Recovery	=	109.06%	

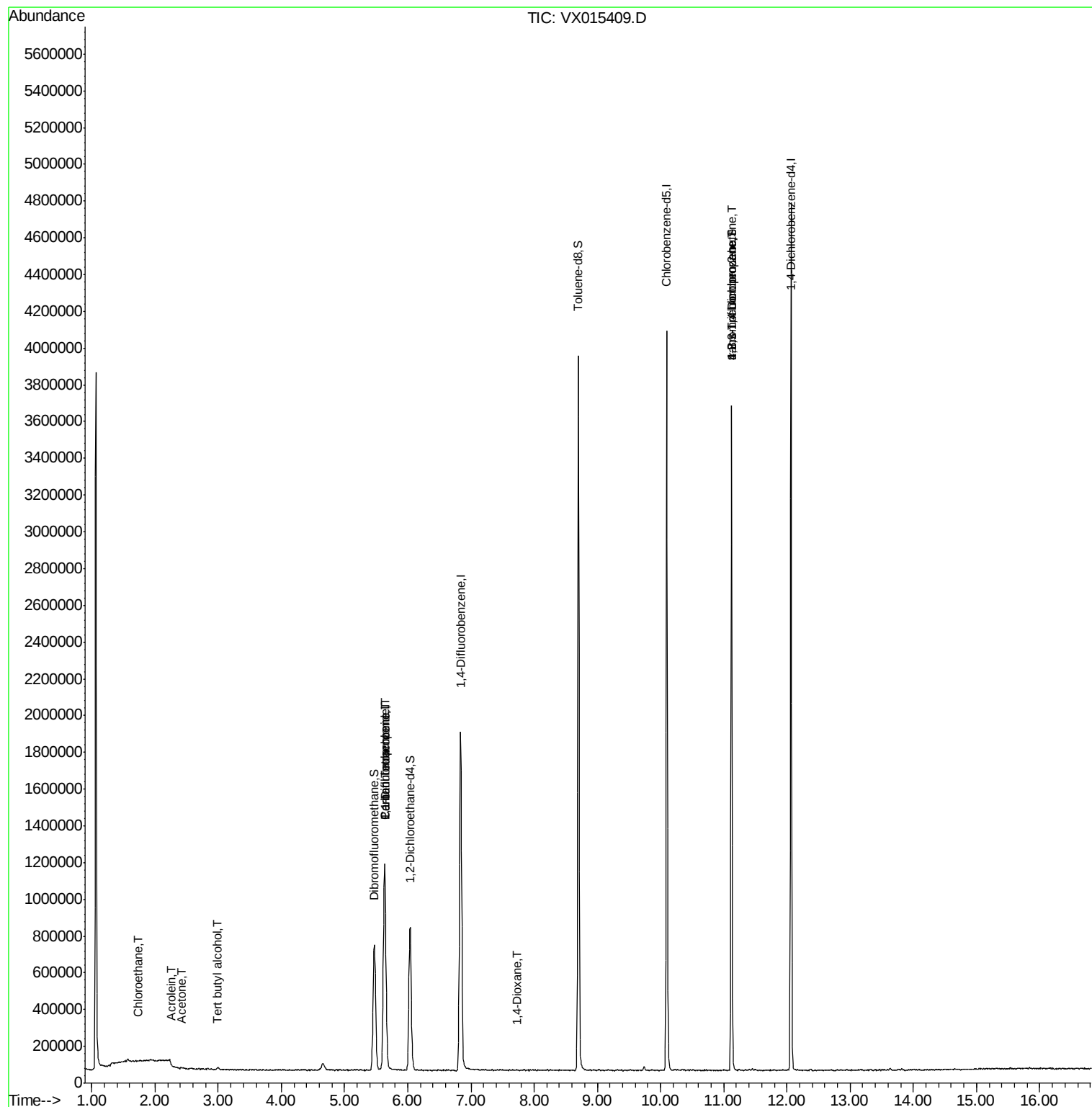
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.62	94	601	Below Cal	#	3
6) Chloroethane	1.73	64	2180	0.308	ug/l #	64
11) Tert butyl alcohol	3.00	59	8217	2.196	ug/l #	89
13) Acrolein	2.27	56	575	0.270	ug/l #	14
16) Acetone	2.43	43	4001	0.596	ug/l #	86
36) 1,1-Dichloropropene	5.63	75	86842	5.128	ug/l #	52
38) Carbon Tetrachloride	5.64	117	110067	6.001	ug/l #	15
49) 1,4-Dioxane	7.73	88	98	0.283	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	490647	25.611	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	490647	61.452	ug/l #	10

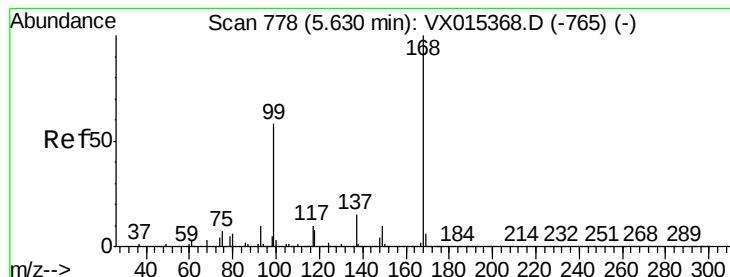
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032720\
Data File : VX015409.D
Acq On : 28 Mar 2020 03:09
Operator : JC/SP
Sample : L2021-04 50X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-B

Quant Time: Mar 30 01:52:18 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# 780

Delta R.T. 0.01 min

Lab File: VX015409.D

Acq: 28 Mar 2020 03:09

Instrument :

MSVOA_X

ClientSampleId :

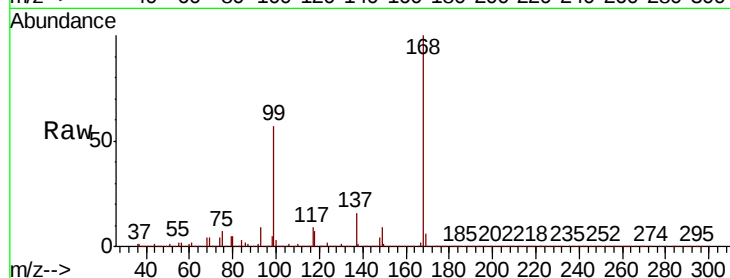
MW-B

Tot Ion:168 Resp: 1108482

Ion Ratio Lower Upper

168 100

99 57.2 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

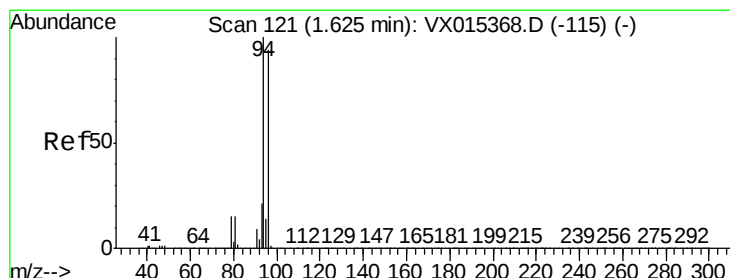
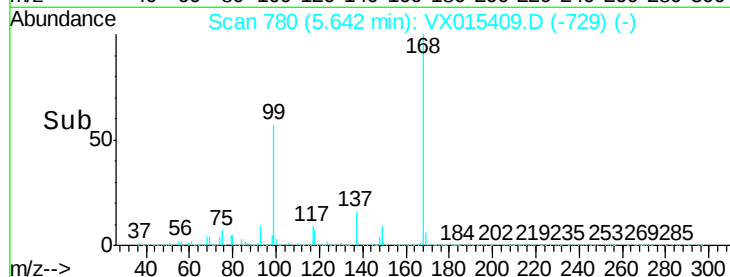
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.62 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX015409.D

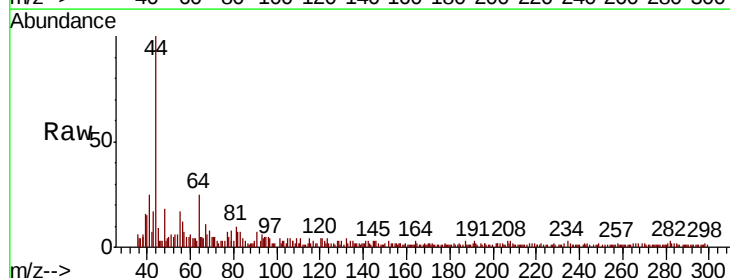
Acq: 28 Mar 2020 03:09

Tgt Ion: 94 Resp: 601

Ion Ratio Lower Upper

94 100

96 0.0 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

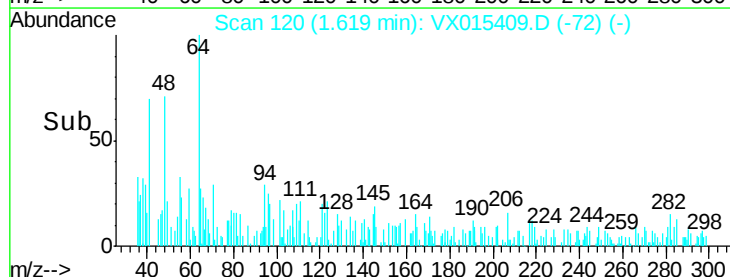
1.62

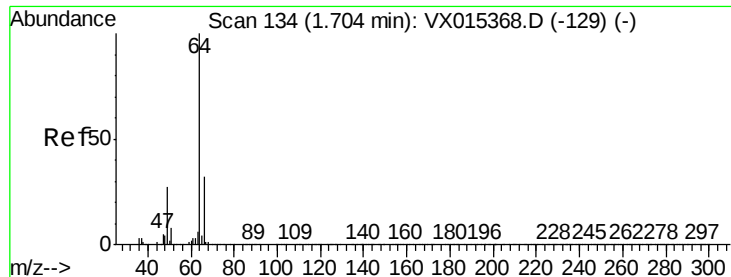
1000

500

0

Time-->





#6

Chloroethane

Concen: 0.308 ug/l

RT: 1.73 min Scan# 139

Delta R.T. 0.03 min

Lab File: VX015409.D

Acq: 28 Mar 2020 03:09

Instrument :

MSVOA_X

ClientSampleId :

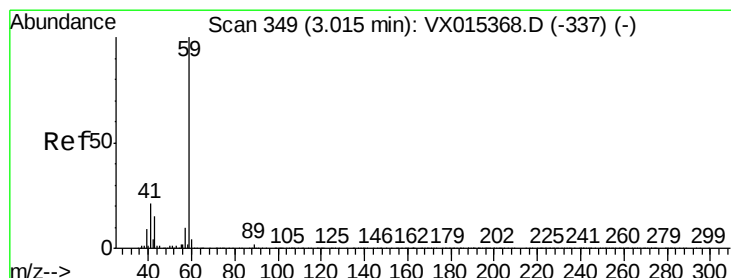
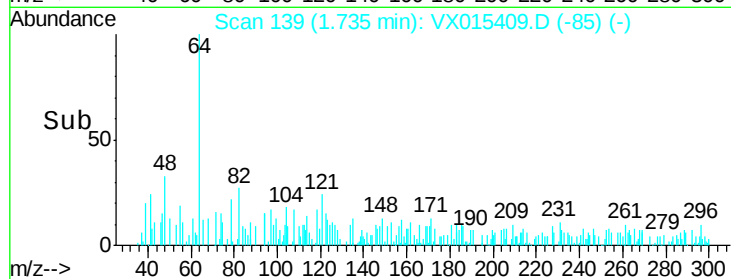
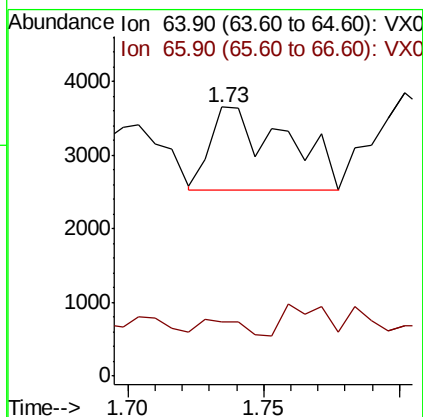
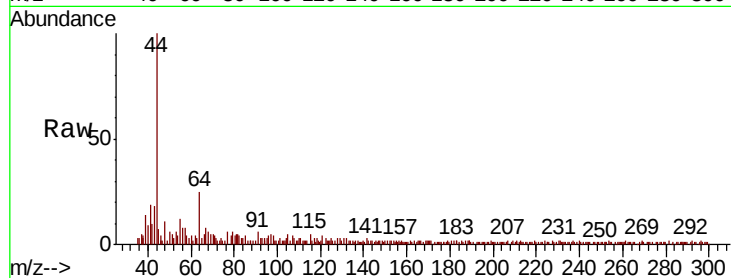
MW-B

Tot Ion: 64 Resp: 2180

Ion Ratio Lower Upper

64 100

66 11.8 25.4 38.2#



#11

Tert butyl alcohol

Concen: 2.196 ug/l

RT: 3.00 min Scan# 346

Delta R.T. -0.02 min

Lab File: VX015409.D

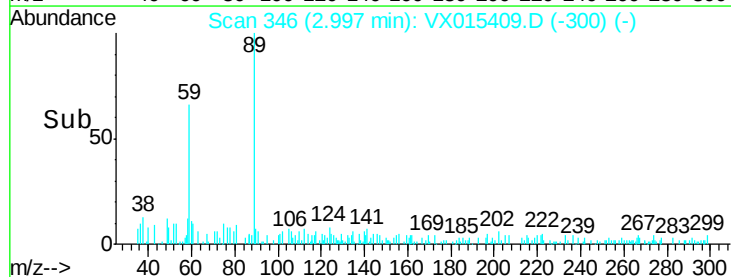
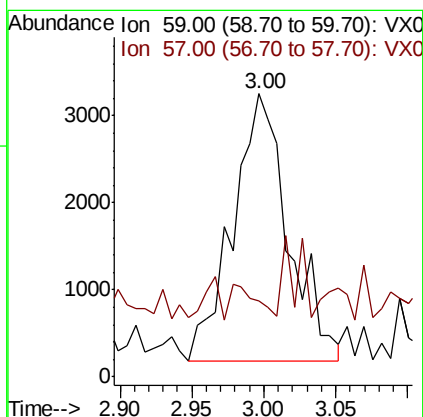
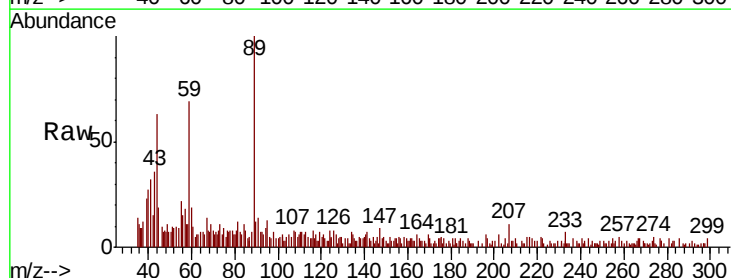
Acq: 28 Mar 2020 03:09

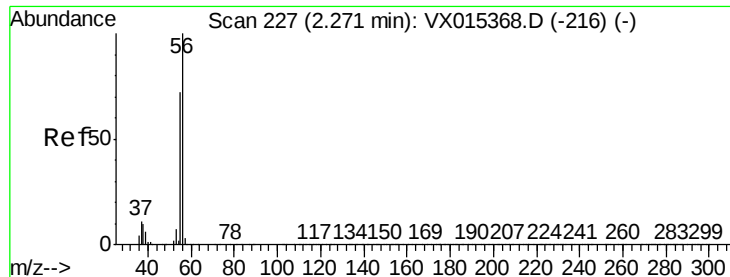
Tgt Ion: 59 Resp: 8217

Ion Ratio Lower Upper

59 100

57 6.1 8.1 12.1#

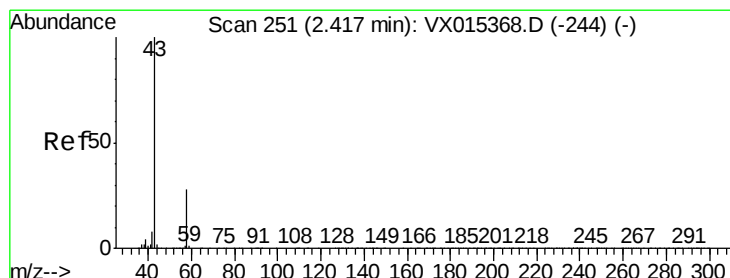
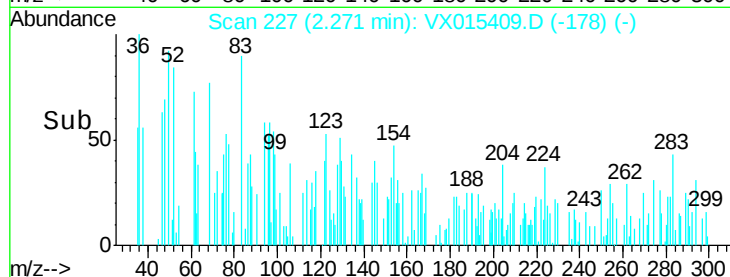
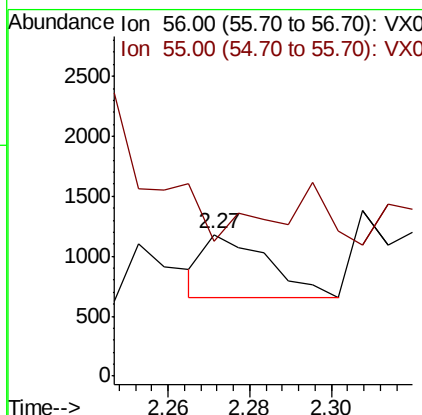
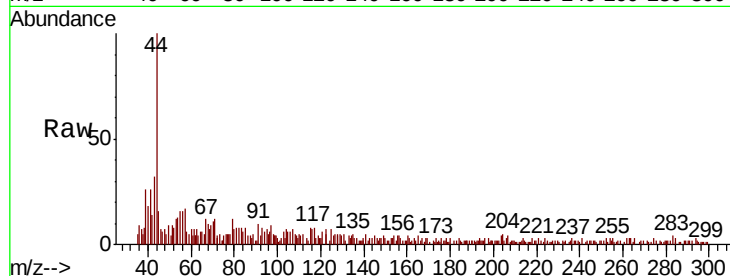




#13
Acrolein
Concen: 0.270 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015409.D
Acq: 28 Mar 2020 03:09

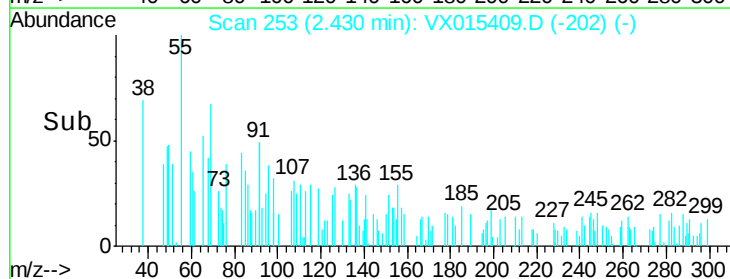
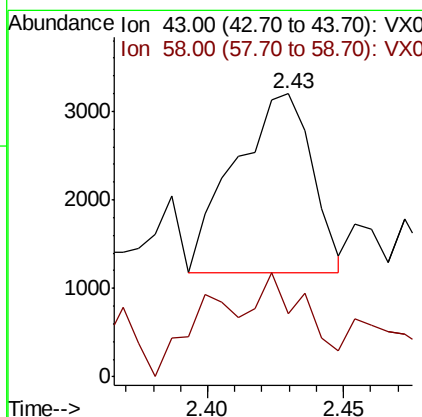
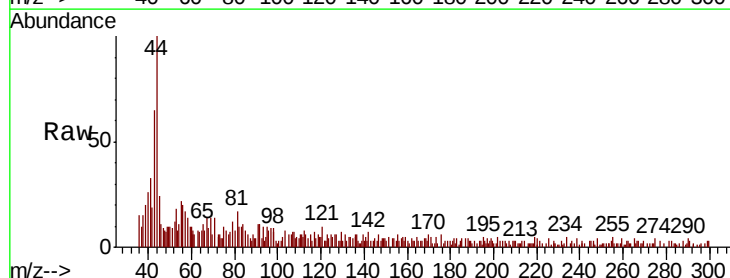
Instrument :
MSVOA_X
ClientSampled :
MW-B

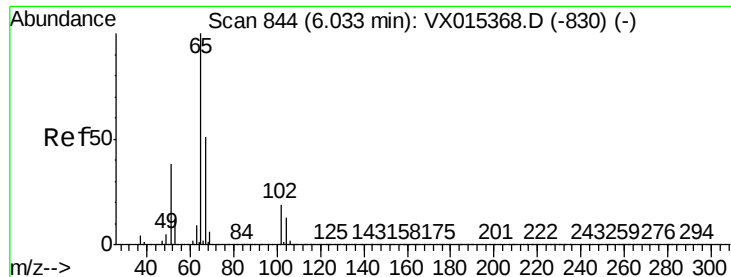
Tot Ion: 56 Resp: 575
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#



#16
Acetone
Concen: 0.596 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.01 min
Lab File: VX015409.D
Acq: 28 Mar 2020 03:09

Tgt Ion: 43 Resp: 4001
Ion Ratio Lower Upper
43 100
58 20.3 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 48.466 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015409.D

Acq: 28 Mar 2020 03:09

Instrument :

MSVOA_X

ClientSampleId :

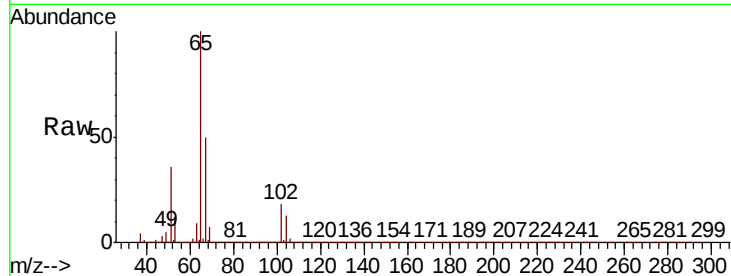
MW-B

Tot Ion: 65 Resp: 757720

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

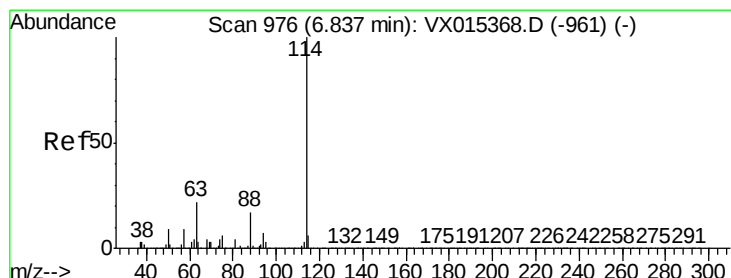
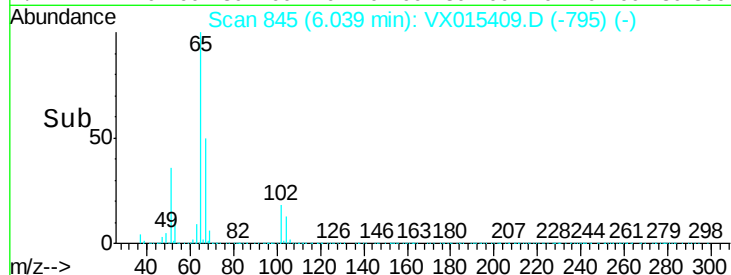
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015409.D

Acq: 28 Mar 2020 03:09

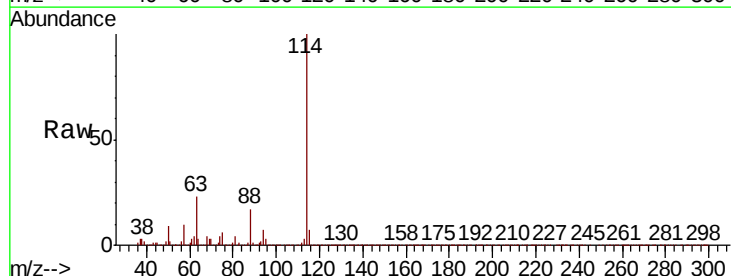
Tgt Ion: 114 Resp: 1838004

Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.2

88 16.6 0.0 33.8



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

1000000

800000

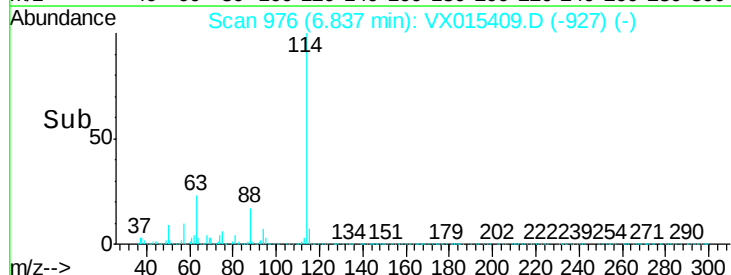
600000

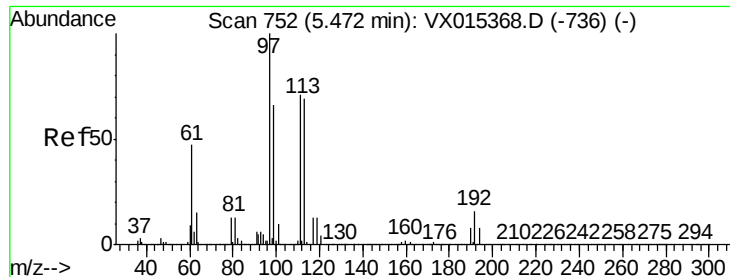
400000

200000

0

Time-->

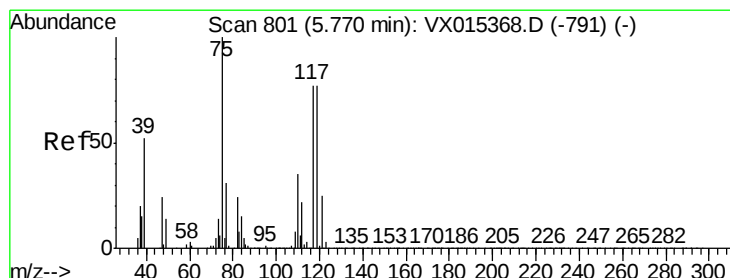
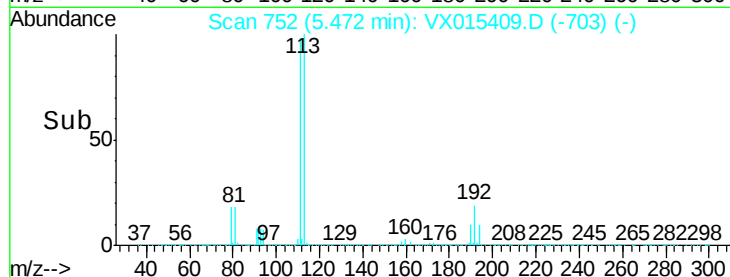
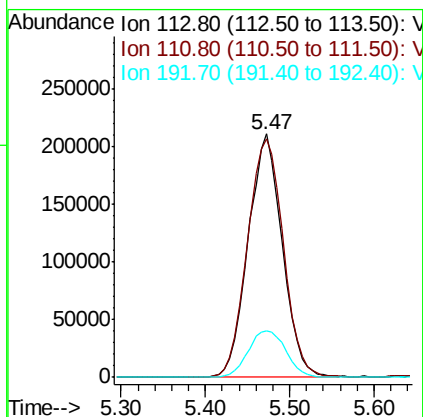
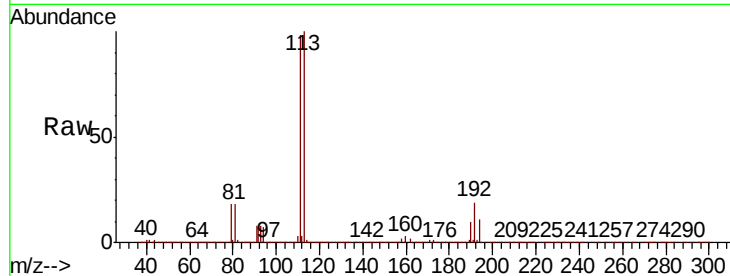




#35
Dibromofluoromethane
Concen: 49.383 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015409.D
Acq: 28 Mar 2020 03:09

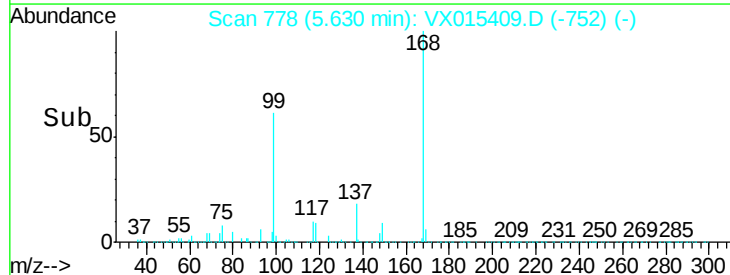
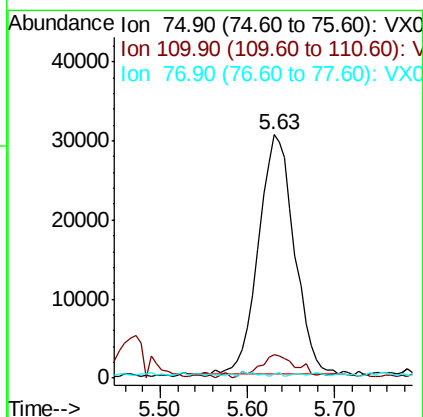
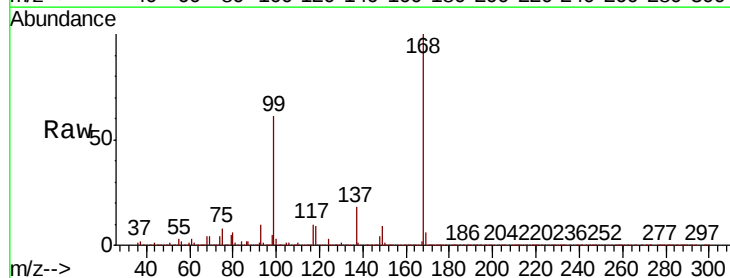
Instrument :
MSVOA_X
ClientSampled :
MW-B

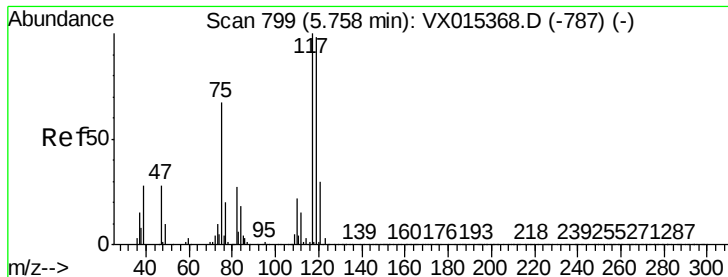
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.5	122.3
192	21.3	17.8	26.6



#36
1,1-Dichloropropene
Concen: 5.128 ug/l
RT: 5.63 min Scan# 778
Delta R.T. -0.14 min
Lab File: VX015409.D
Acq: 28 Mar 2020 03:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.1	51.3#
77	0.4	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 6.001 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.12 min

Lab File: VX015409.D

Acq: 28 Mar 2020 03:09

Instrument :

MSVOA_X

ClientSampled :

MW-B

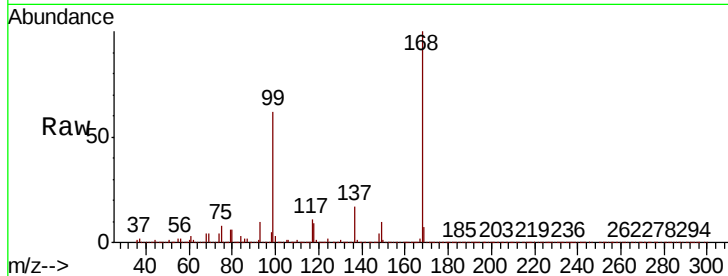
Tot Ion:117 Resp: 110067

Ion Ratio Lower Upper

117 100

119 4.5 78.0 117.0#

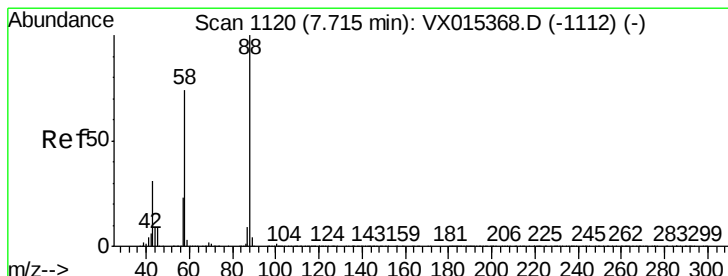
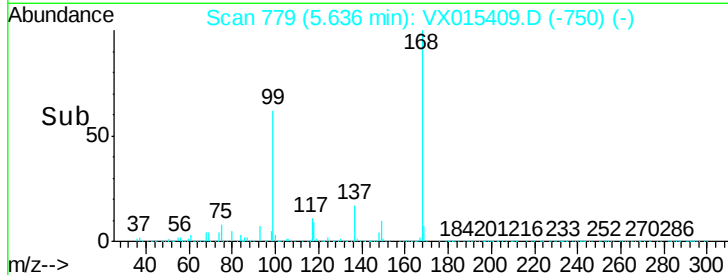
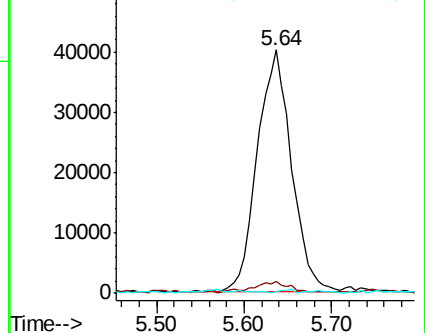
121 0.5 23.8 35.8#



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



#49

1,4-Dioxane

Concen: 0.283 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.01 min

Lab File: VX015409.D

Acq: 28 Mar 2020 03:09

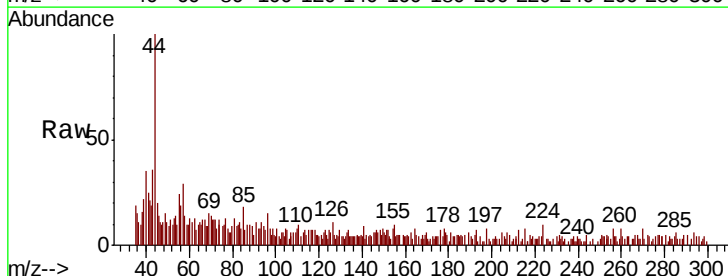
Tgt Ion: 88 Resp: 98

Ion Ratio Lower Upper

88 100

43 651.0 30.1 45.1#

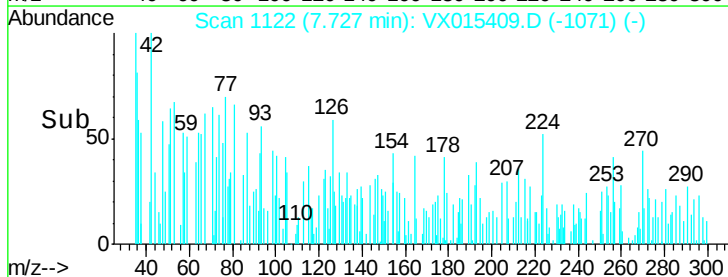
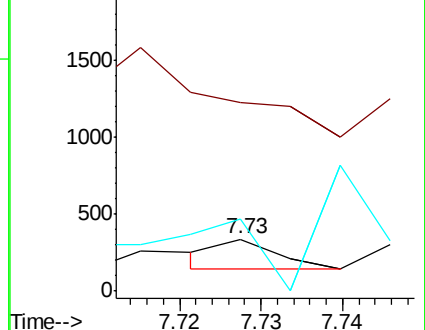
58 537.8 60.6 90.8#

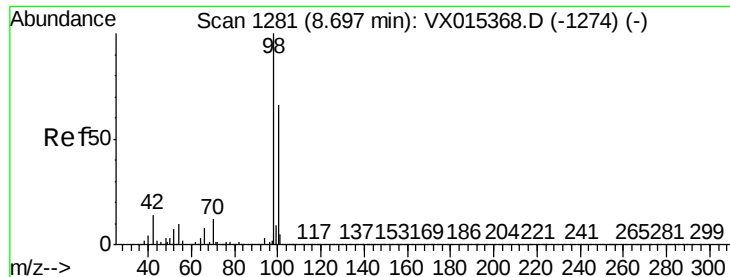


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

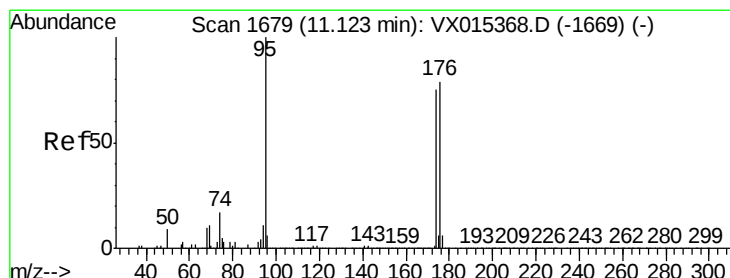
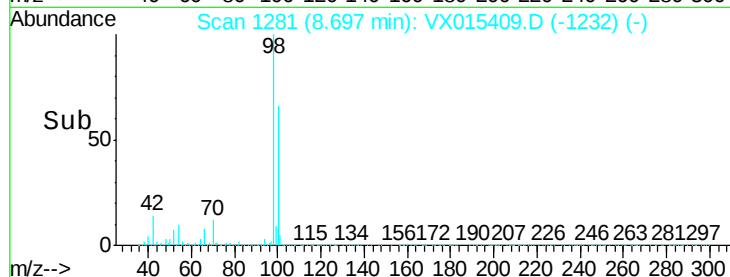
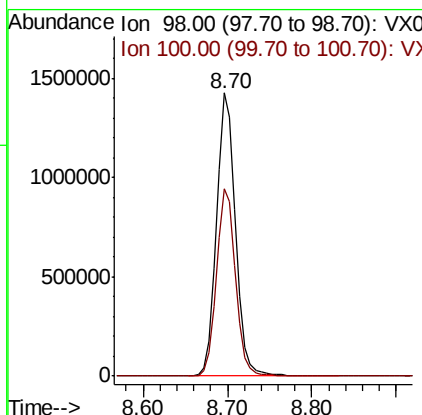
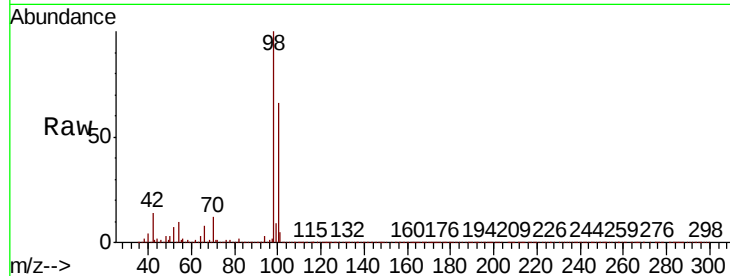




#50
Toluene-d8
Concen: 51.545 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015409.D
Acq: 28 Mar 2020 03:09

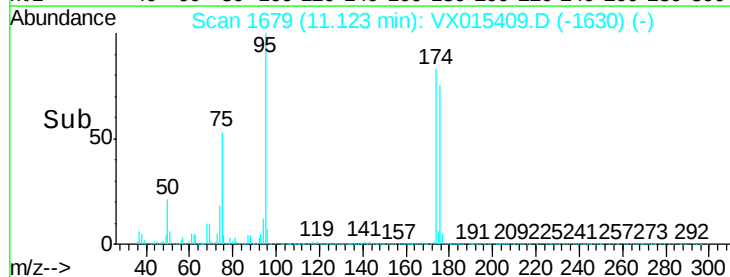
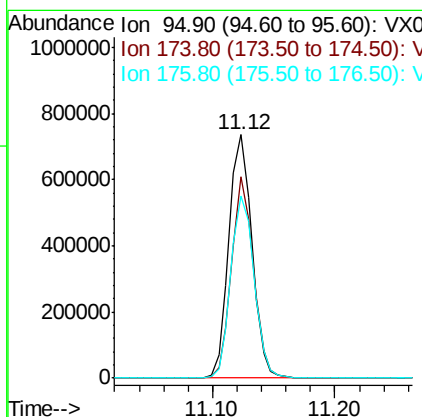
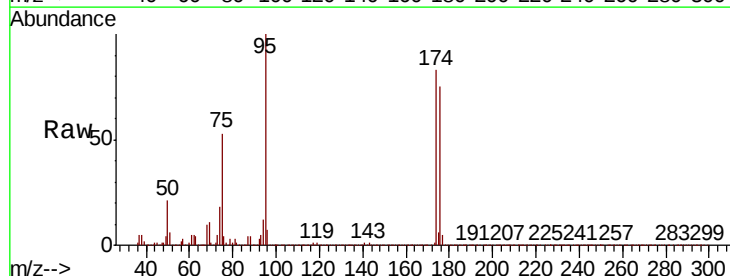
Instrument :
MSVOA_X
ClientSampleId :
MW-B

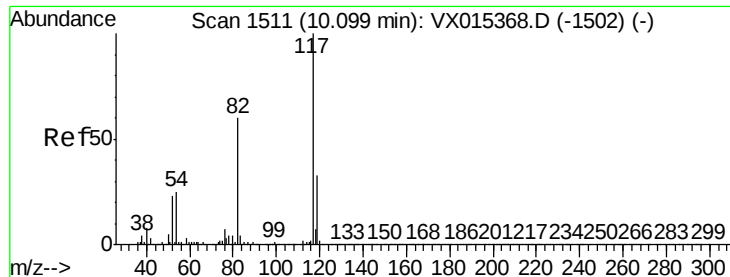
Tot Ion: 98 Resp: 2229670
Ion Ratio Lower Upper
98 100
100 66.4 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 54.531 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015409.D
Acq: 28 Mar 2020 03:09

Tgt Ion: 95 Resp: 958641
Ion Ratio Lower Upper
95 100
174 78.3 0.0 158.6
176 75.7 0.0 159.0

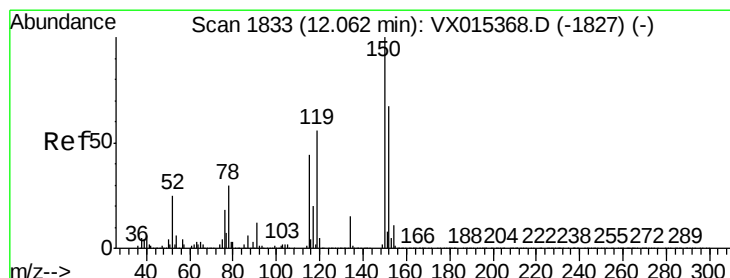
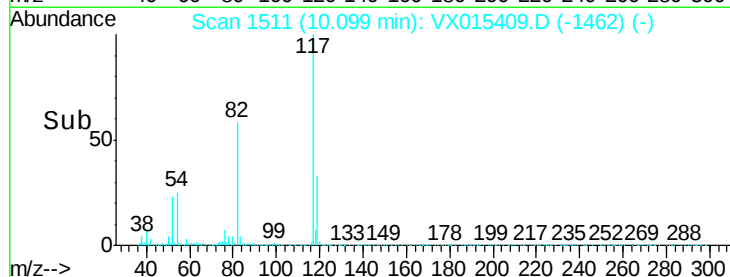
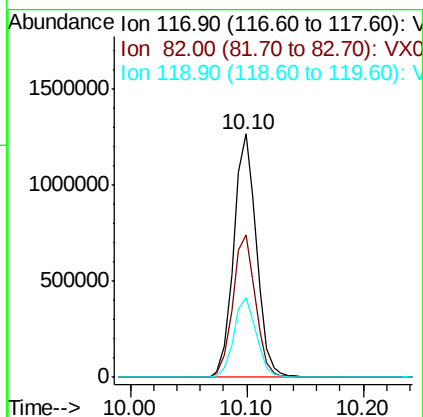
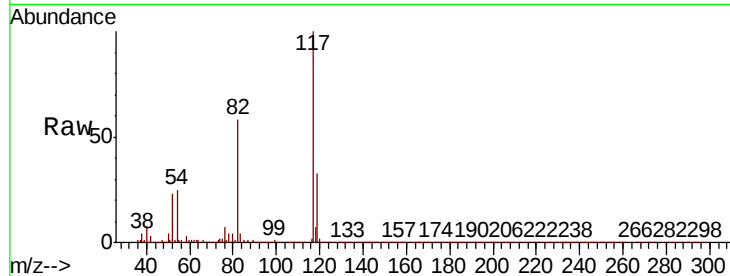




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015409.D
Acq: 28 Mar 2020 03:09

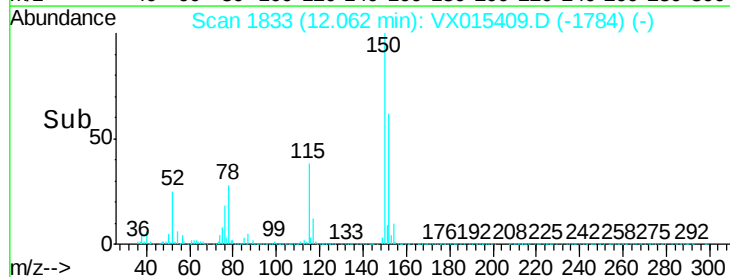
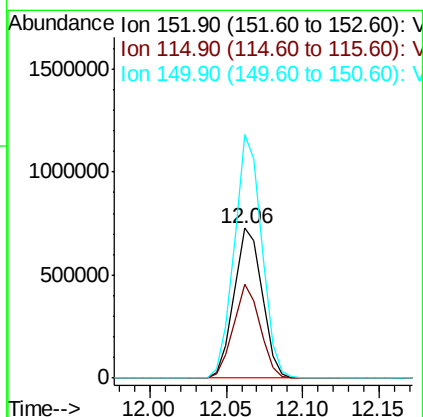
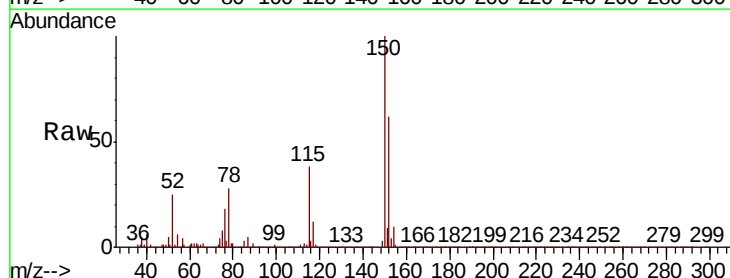
Instrument :
MSVOA_X
ClientSampleId :
MW-B

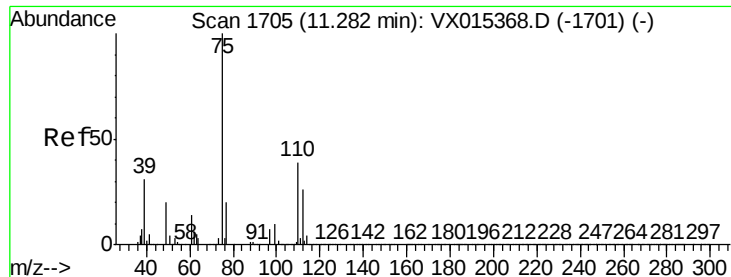
Tot Ion:117 Resp: 1731116
Ion Ratio Lower Upper
117 100
82 58.3 47.8 71.8
119 32.9 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015409.D
Acq: 28 Mar 2020 03:09

Tgt Ion:152 Resp: 931616
Ion Ratio Lower Upper
152 100
115 59.2 39.0 116.9
150 157.5 0.0 340.8





#76

1,2,3-Trichloropropane

Concen: 25.611 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015409.D

Acq: 28 Mar 2020 03:09

Instrument :

MSVOA_X

ClientSampleId :

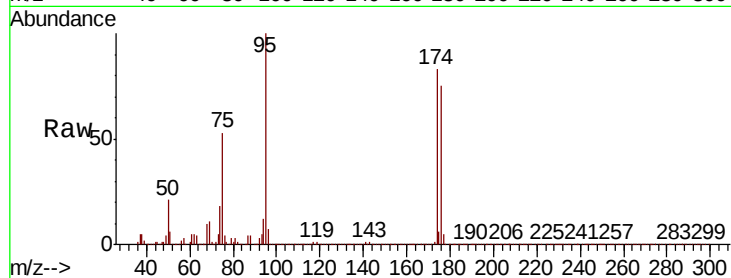
MW-B

Tot Ion: 75 Resp: 490647

Ion Ratio Lower Upper

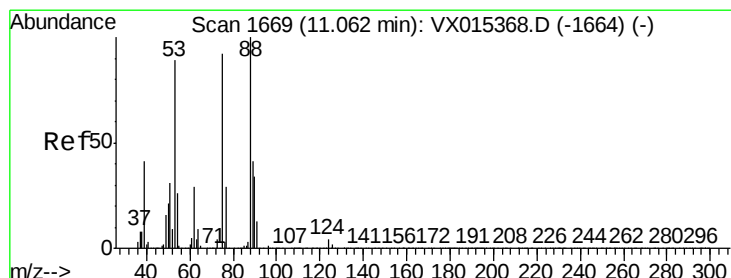
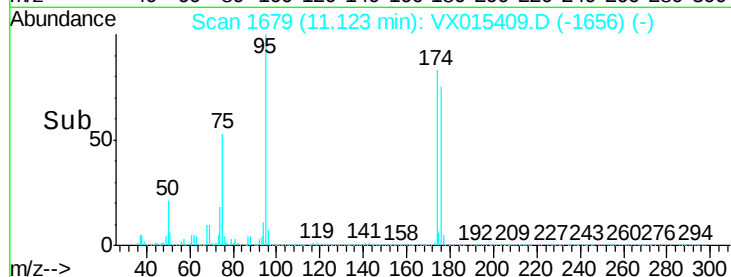
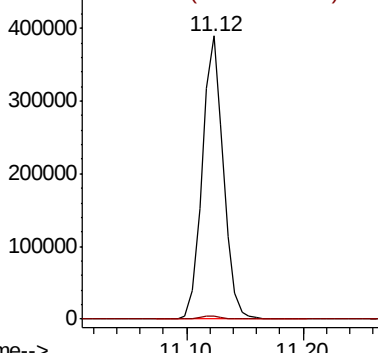
75 100

77 1.1 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: 61.452 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015409.D

Acq: 28 Mar 2020 03:09

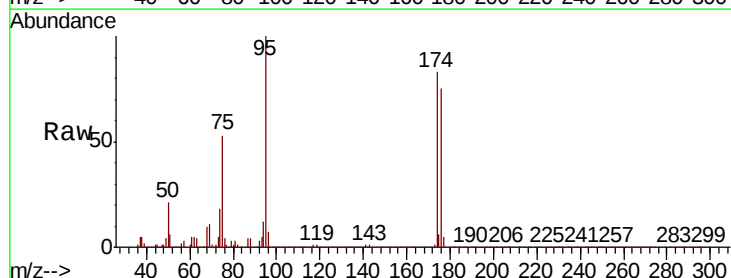
Tgt Ion: 75 Resp: 490647

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

