

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041520\
 Data File : VX015682.D
 Acq On : 15 Apr 2020 14:52
 Operator : JC/SP
 Sample : L2233-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS037MW107-200408

Quant Time: Apr 16 05:51:37 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	1074871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1658397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1579834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	851128	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	650307	42.90	ug/l	0.00
Spiked Amount			Recovery	=	85.80%	
35) Dibromofluoromethane	5.47	113	507446	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	
50) Toluene-d8	8.70	98	1968629	50.44	ug/l	0.00
Spiked Amount			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.12	95	838422	52.86	ug/l	0.00
Spiked Amount			Recovery	=	105.72%	

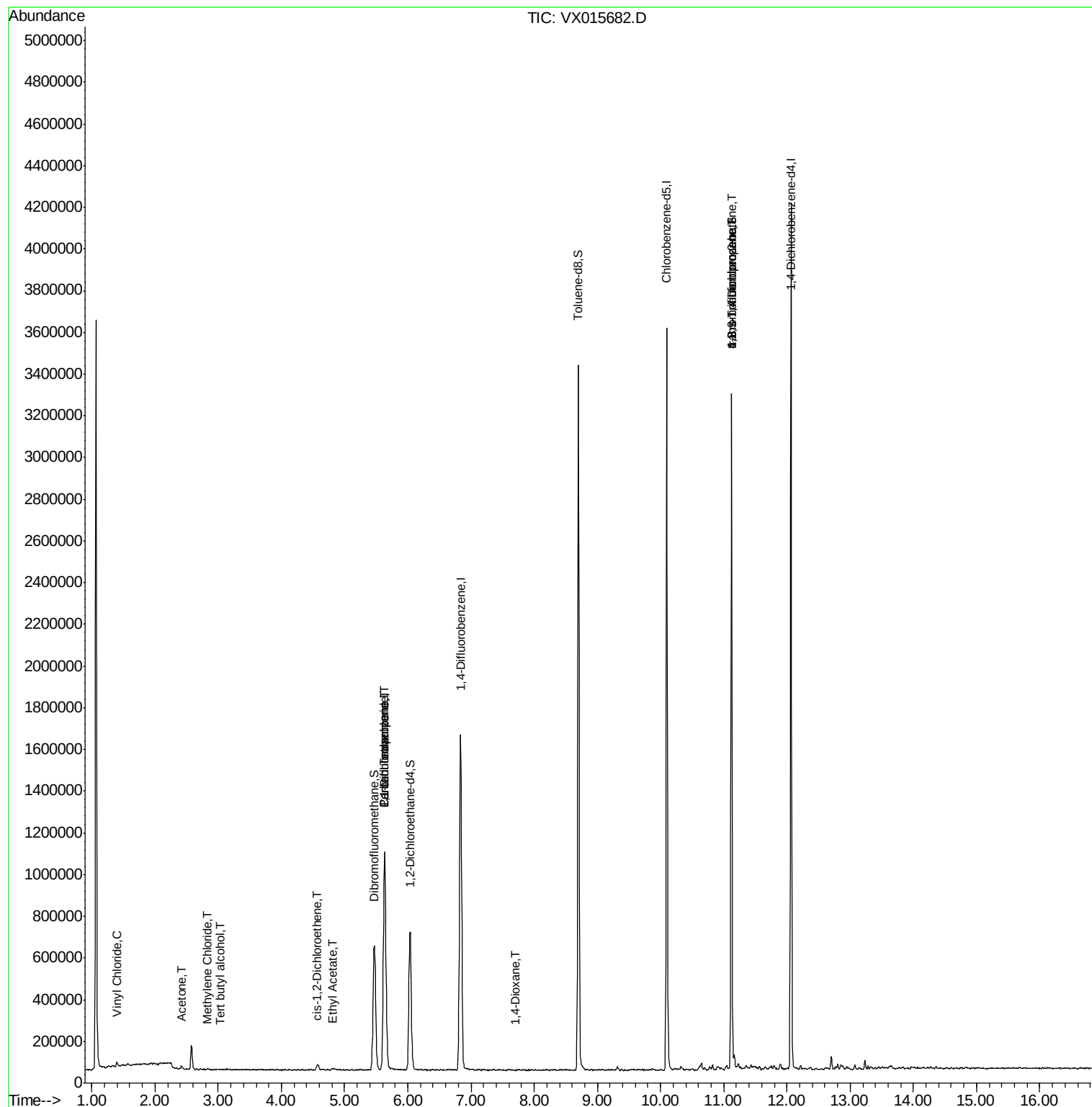
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	13538	1.223	ug/l	95
5) Bromomethane	1.64	94	474	Below Cal	#	77
11) Tert butyl alcohol	3.03	59	1107	0.305	ug/l #	73
16) Acetone	2.42	43	21047	3.232	ug/l #	84
20) Methylene Chloride	2.84	84	2974	0.244	ug/l #	89
27) cis-1,2-Dichloroethene	4.57	96	17129	1.315	ug/l	95
36) 1,1-Dichloropropene	5.64	75	71939	4.708	ug/l #	51
37) Ethyl Acetate	4.81	43	19265	0.968	ug/l #	85
38) Carbon Tetrachloride	5.64	117	96128	5.808	ug/l #	15
49) 1,4-Dioxane	7.70	88	818	2.614	ug/l #	13
76) 1,2,3-Trichloropropane	11.12	75	415191	23.721	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	415191	56.919	ug/l #	10

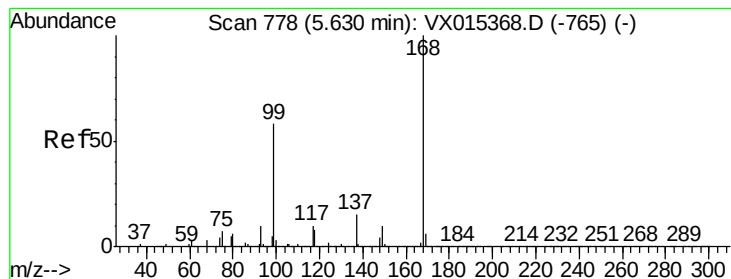
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041520\
Data File : VX015682.D
Acq On : 15 Apr 2020 14:52
Operator : JC/SP
Sample : L2233-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS037MW107-200408

Quant Time: Apr 16 05:51:37 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: VX015682.D

Acq: 15 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

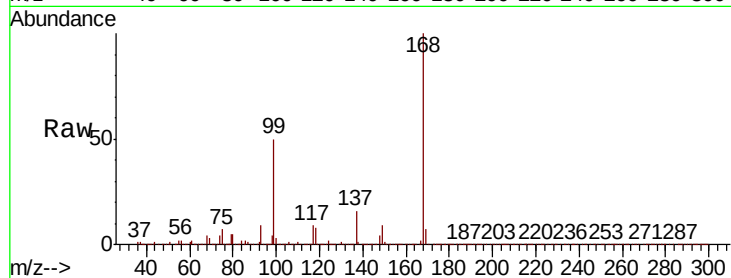
SS037MW107-200408

Tot Ion:168 Resp: 1074871

Ion Ratio Lower Upper

168 100

99 50.2 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

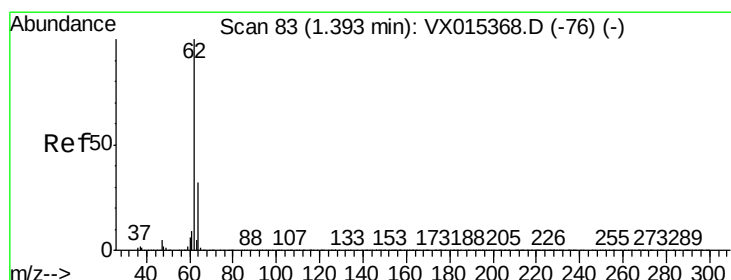
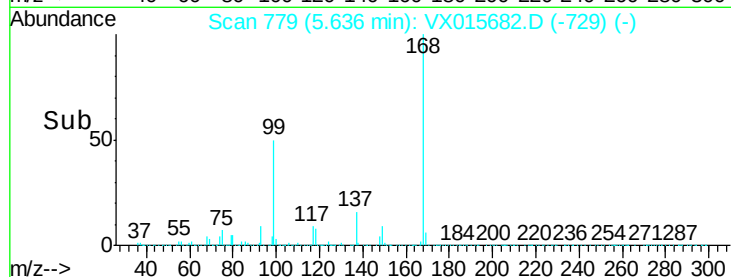
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#4

Vinyl Chloride

Concen: 1.223 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015682.D

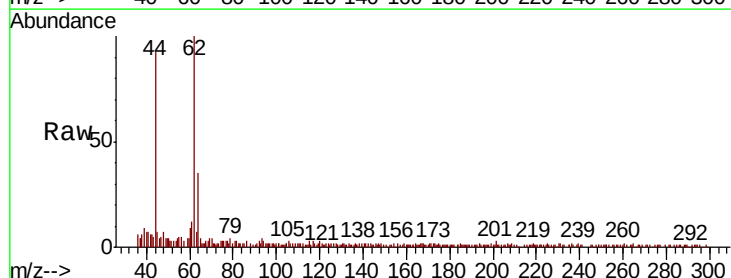
Acq: 15 Apr 2020 14:52

Tgt Ion: 62 Resp: 13538

Ion Ratio Lower Upper

62 100

64 29.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

15000

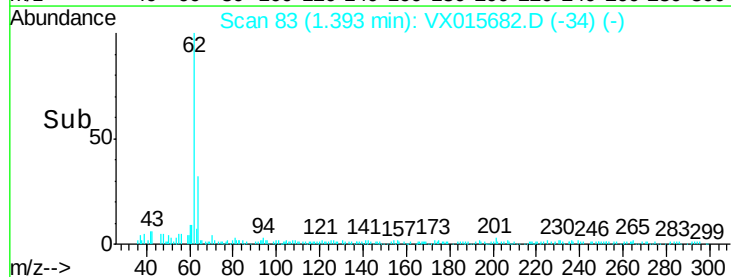
10000

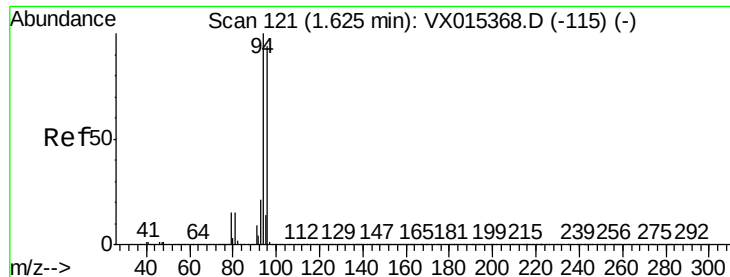
5000

0

1.35 1.40 1.45

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX015682.D

Acq: 15 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

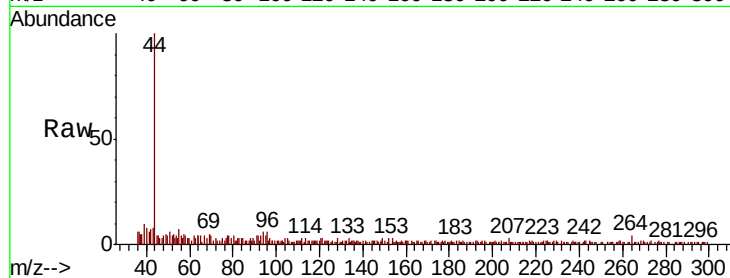
SS037MW107-200408

Tot Ion: 94 Resp: 474

Ion Ratio Lower Upper

94 100

96 71.2 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1000

800

600

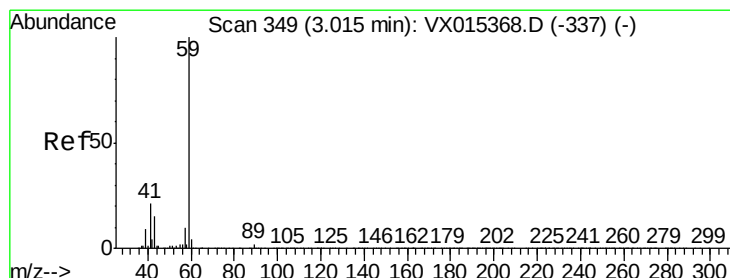
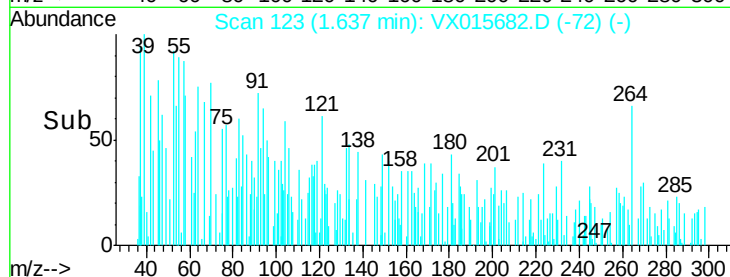
400

200

0

1.62 1.63 1.64

Time-->



#11

Tert butyl alcohol

Concen: 0.305 ug/l

RT: 3.03 min Scan# 351

Delta R.T. 0.01 min

Lab File: VX015682.D

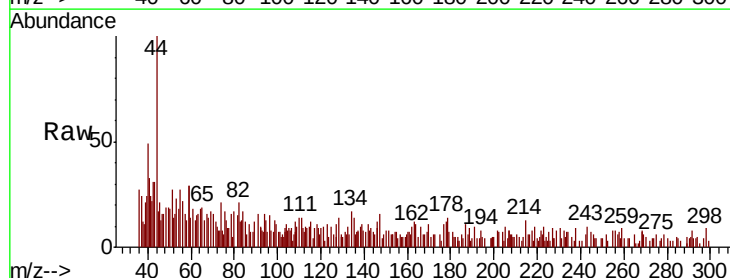
Acq: 15 Apr 2020 14:52

Tgt Ion: 59 Resp: 1107

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

1500

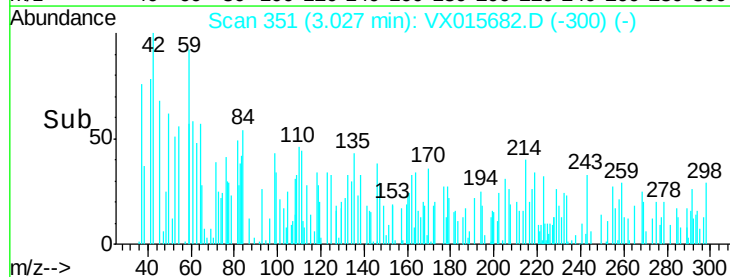
1000

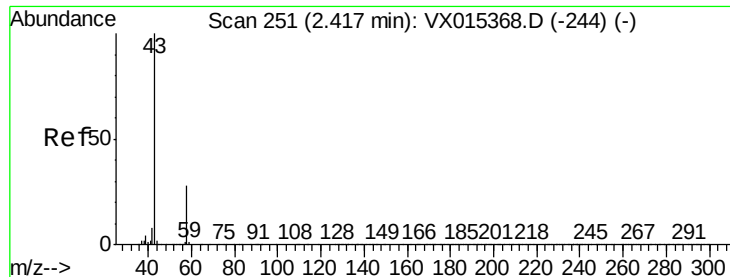
500

0

3.01 3.02 3.03 3.04 3.05

Time-->





#16

Acetone

Concen: 3.232 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015682.D

Acq: 15 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

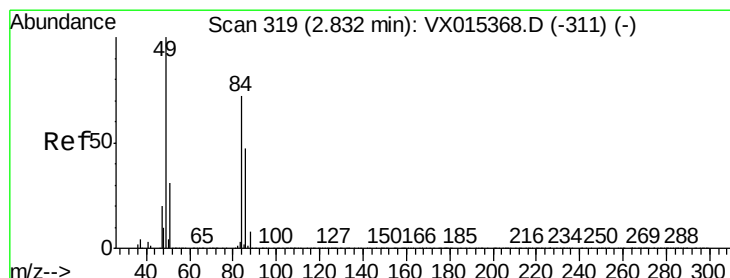
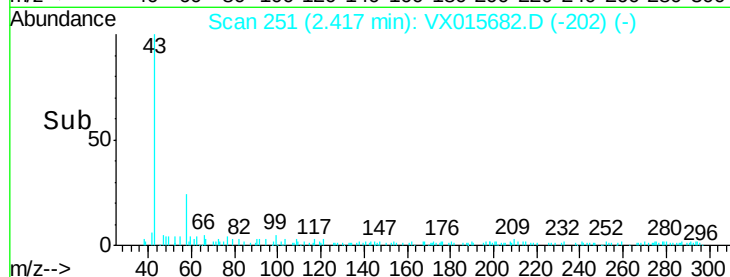
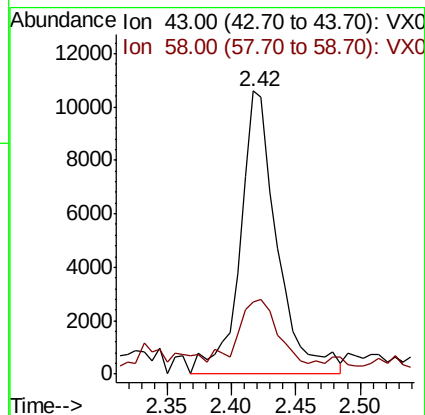
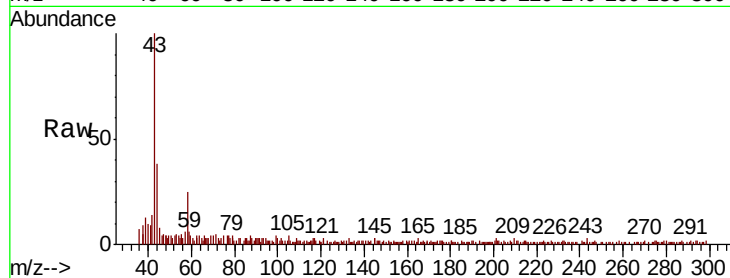
SS037MW107-200408

Tot Ion: 43 Resp: 21047

Ion Ratio Lower Upper

43 100

58 19.3 22.1 33.1#



#20

Methylene Chloride

Concen: 0.244 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.01 min

Lab File: VX015682.D

Acq: 15 Apr 2020 14:52

Tgt Ion: 84 Resp: 2974

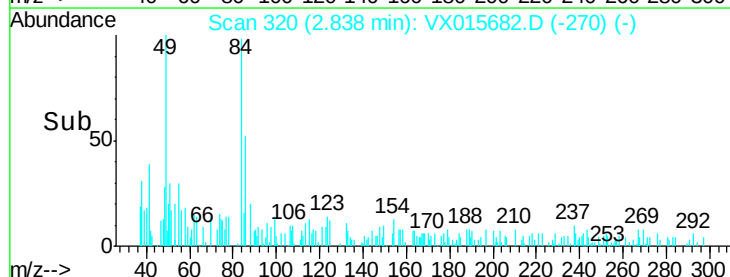
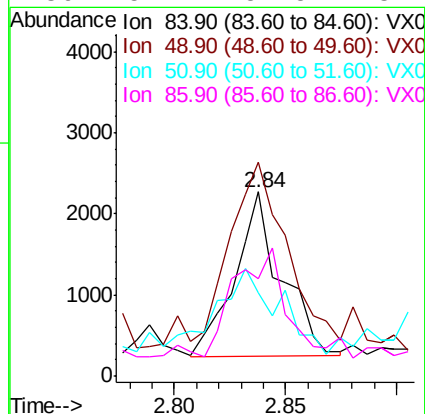
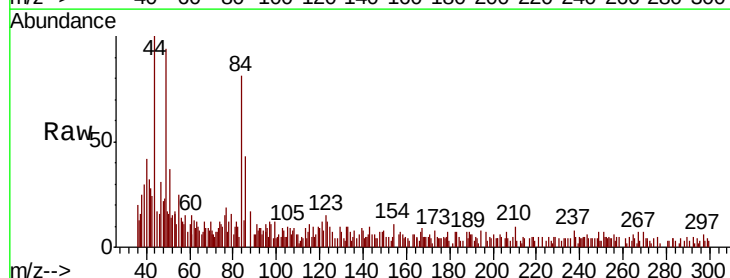
Ion Ratio Lower Upper

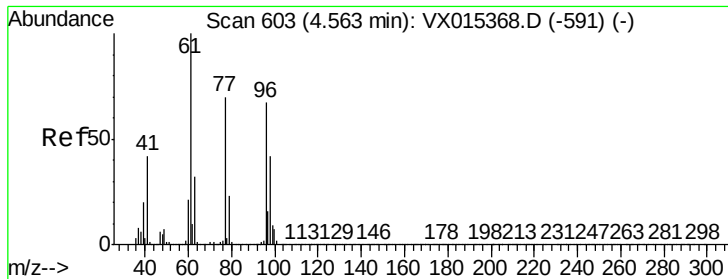
84 100

49 131.9 111.3 166.9

51 56.6 34.0 51.0#

86 54.1 52.5 78.7



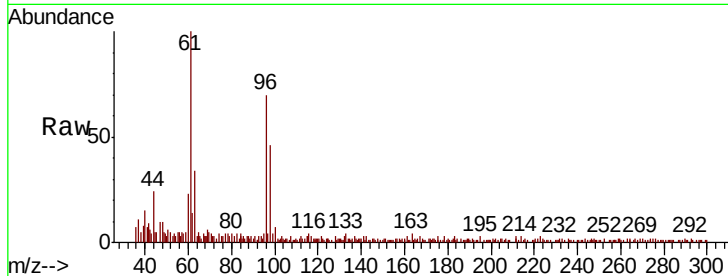


#27

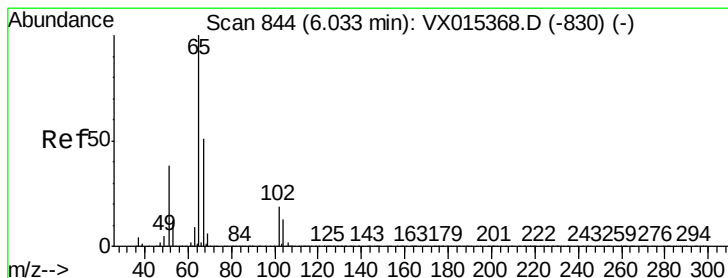
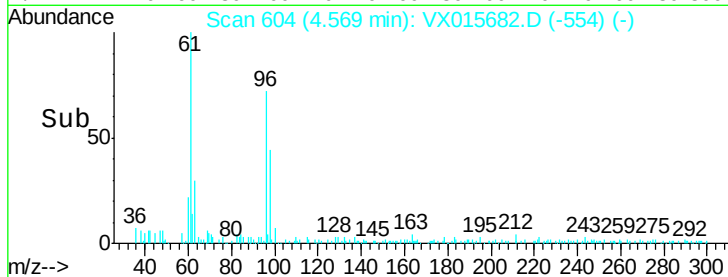
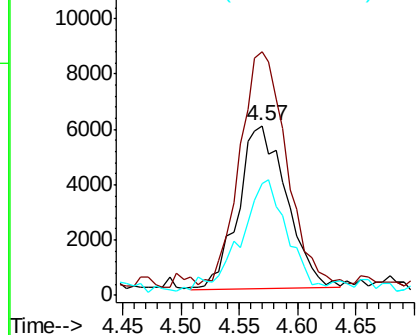
cis-1,2-Dichloroethene
Concen: 1.315 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015682.D
Acq: 15 Apr 2020 14:52

Instrument :
MSVOA_X
ClientSampleId :
SS037MW107-200408

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	308.4
98	64.6	0.0	129.2



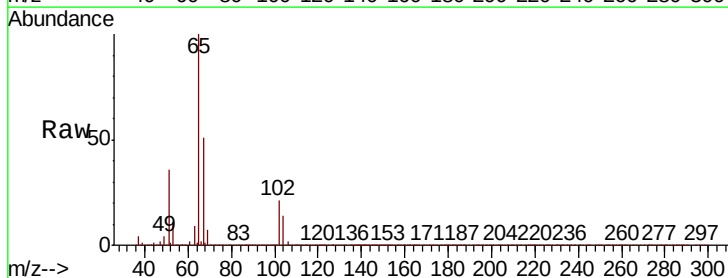
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



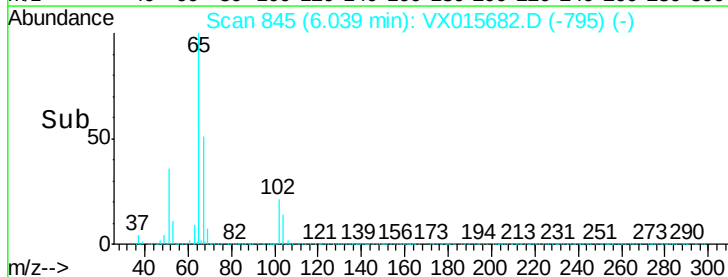
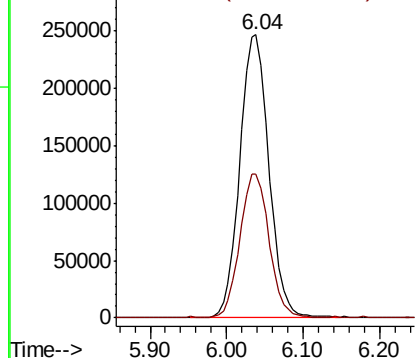
#33

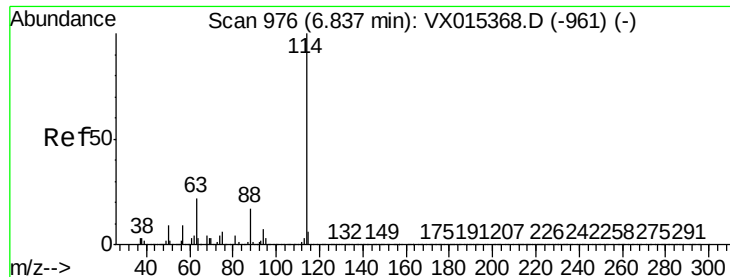
1,2-Dichloroethane-d4
Concen: 42.897 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015682.D
Acq: 15 Apr 2020 14:52

Tgt Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015682.D

Acq: 15 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

SS037MW107-200408

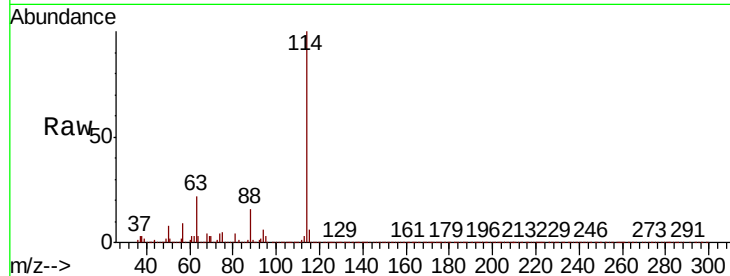
Tot Ion:114 Resp: 1658397

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.2

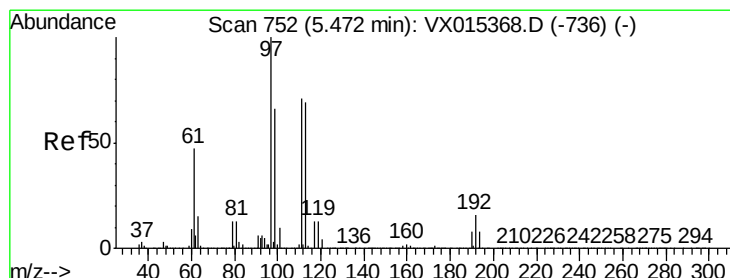
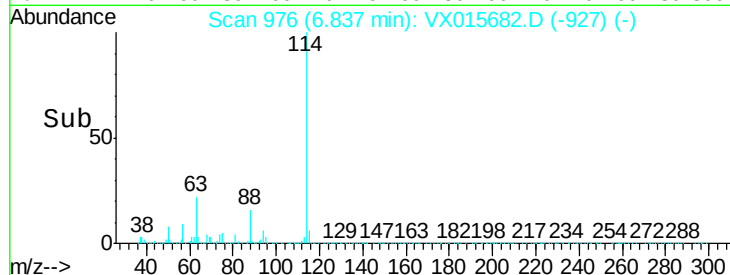
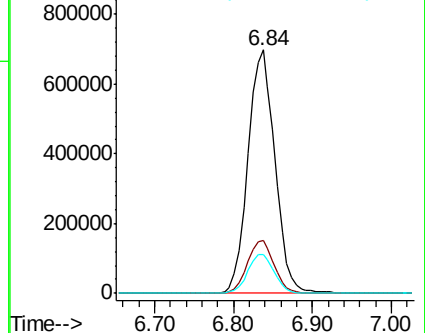
88 15.8 0.0 33.8



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



#35

Dibromofluoromethane

Concen: 47.868 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015682.D

Acq: 15 Apr 2020 14:52

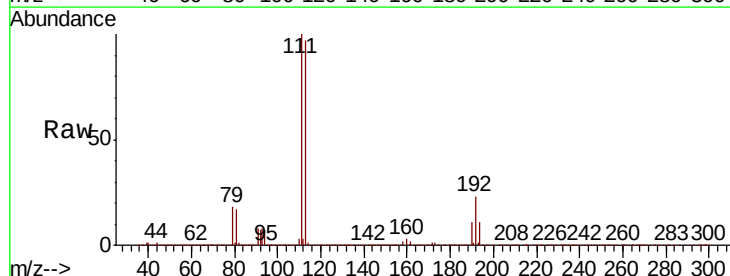
Tgt Ion:113 Resp: 507446

Ion Ratio Lower Upper

113 100

111 103.3 81.5 122.3

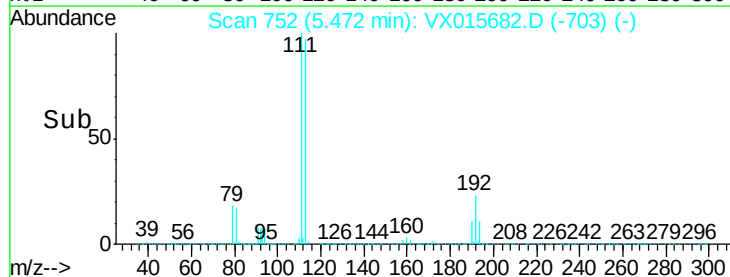
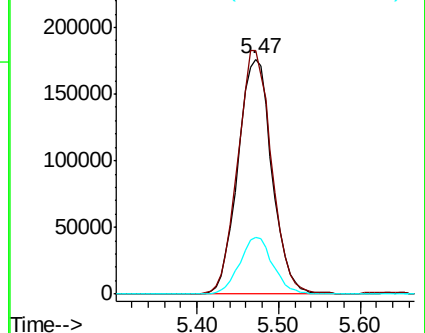
192 23.6 17.8 26.6

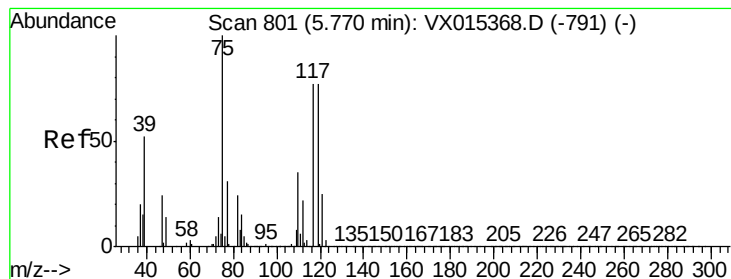


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.708 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.13 min

Lab File: VX015682.D

Acq: 15 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

SS037MW107-200408

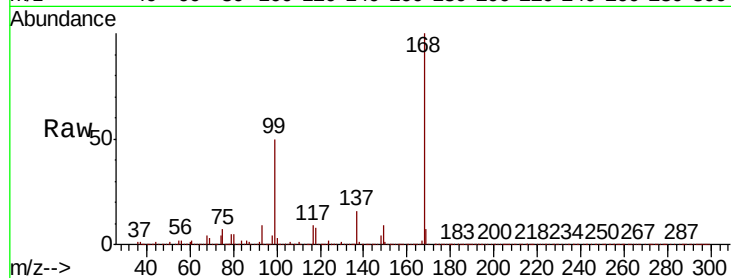
Tot Ion: 75 Resp: 71939

Ion Ratio Lower Upper

75 100

110 10.0 17.1 51.3#

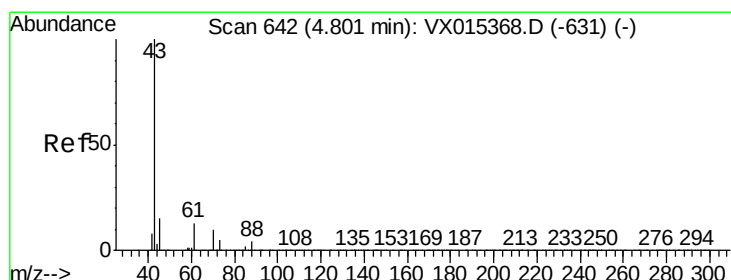
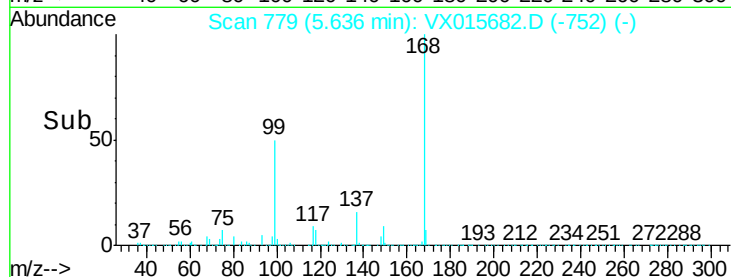
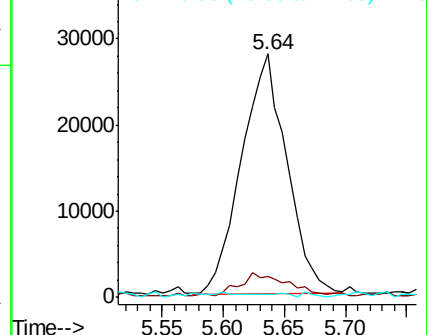
77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 0.968 ug/l

RT: 4.81 min Scan# 644

Delta R.T. 0.01 min

Lab File: VX015682.D

Acq: 15 Apr 2020 14:52

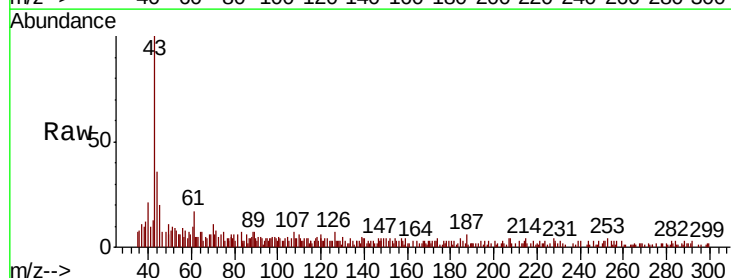
Tgt Ion: 43 Resp: 19265

Ion Ratio Lower Upper

43 100

61 5.9 9.9 14.9#

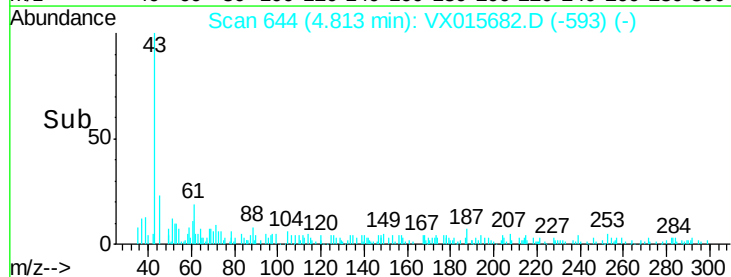
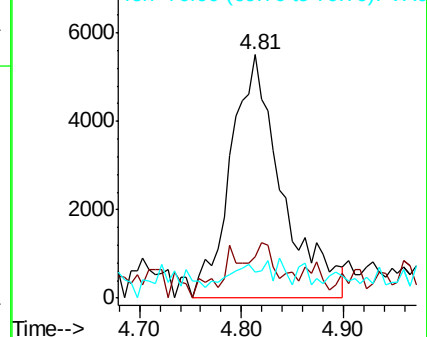
70 5.5 8.1 12.1#

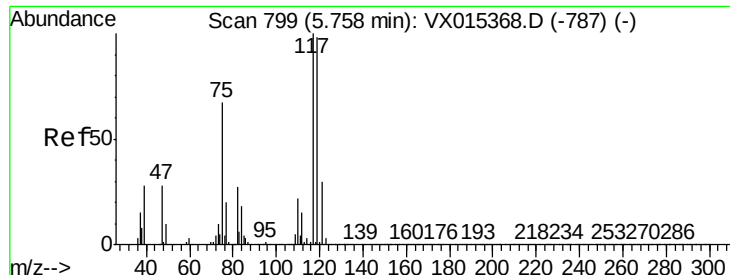


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 5.808 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.12 min

Lab File: VX015682.D

Acq: 15 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

SS037MW107-200408

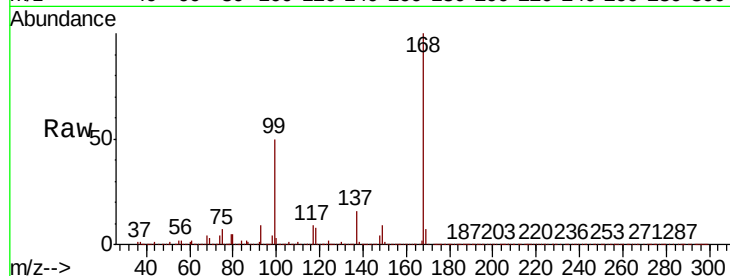
Tot Ion:117 Resp: 96128

Ion Ratio Lower Upper

117 100

119 4.5 78.0 117.0#

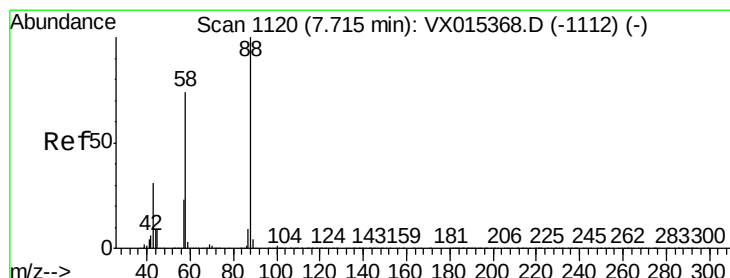
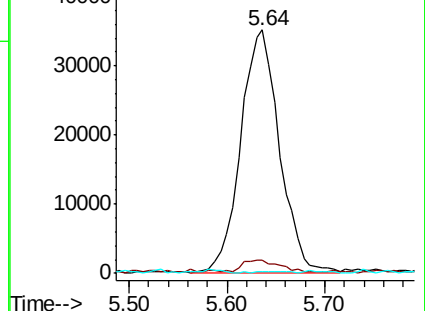
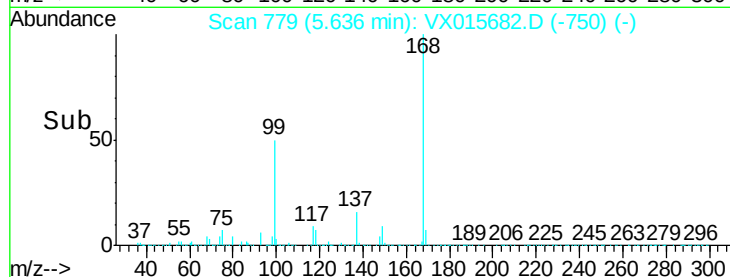
121 1.0 23.8 35.8#



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: 2.614 ug/l

RT: 7.70 min Scan# 1117

Delta R.T. -0.02 min

Lab File: VX015682.D

Acq: 15 Apr 2020 14:52

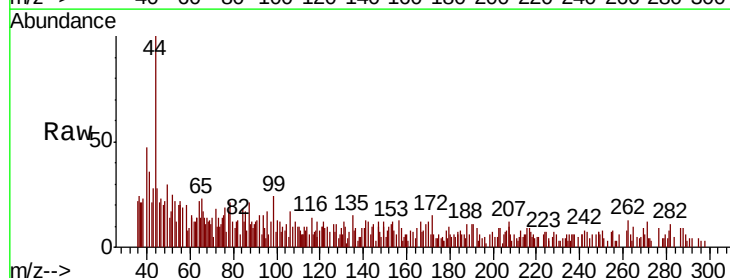
Tgt Ion: 88 Resp: 818

Ion Ratio Lower Upper

88 100

43 148.9 30.1 45.1#

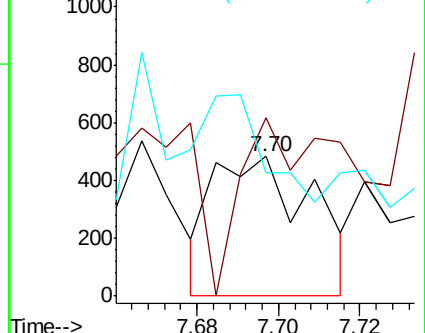
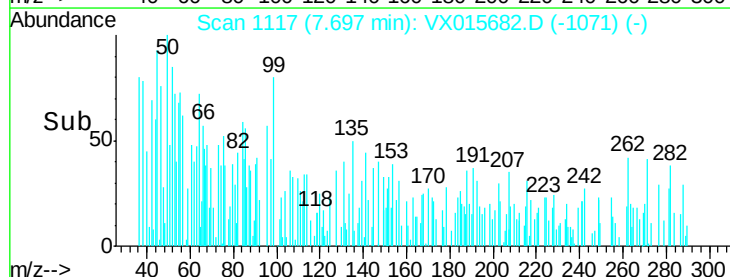
58 43.5 60.6 90.8#

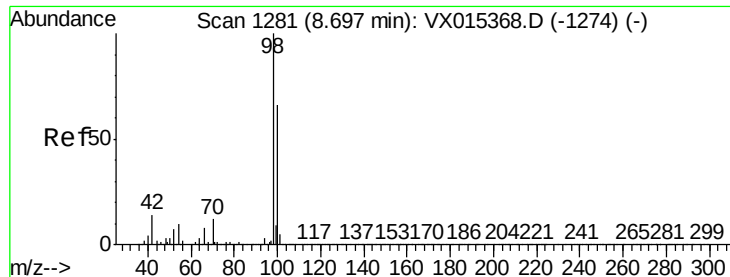


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.439 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015682.D

Acq: 15 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

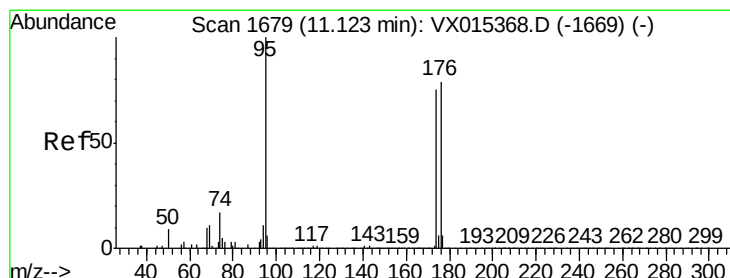
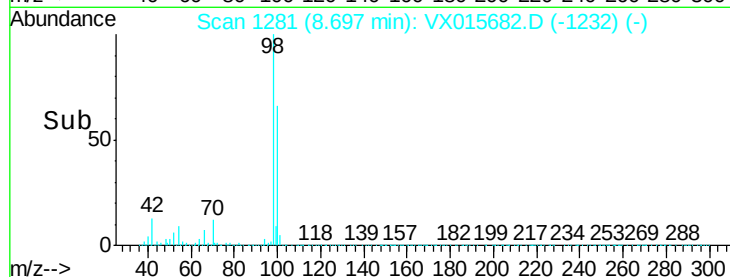
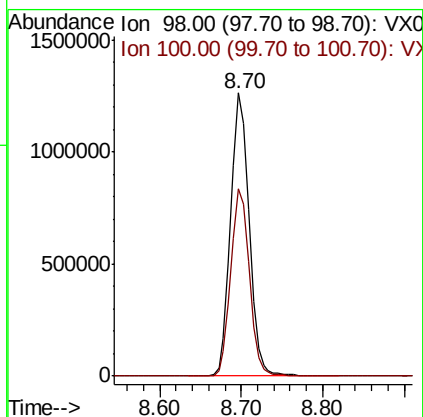
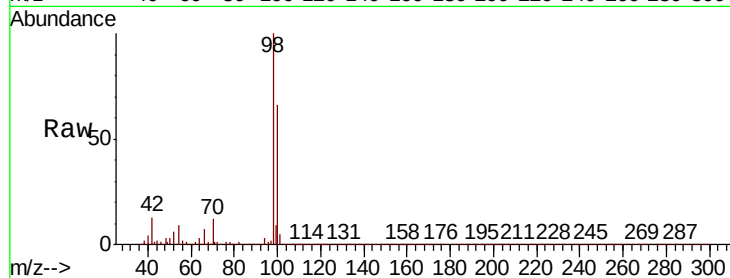
SS037MW107-200408

Tot Ion: 98 Resp: 1968629

Ion Ratio Lower Upper

98 100

100 66.6 53.5 80.3



#62

4-Bromofluorobenzene

Concen: 52.858 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015682.D

Acq: 15 Apr 2020 14:52

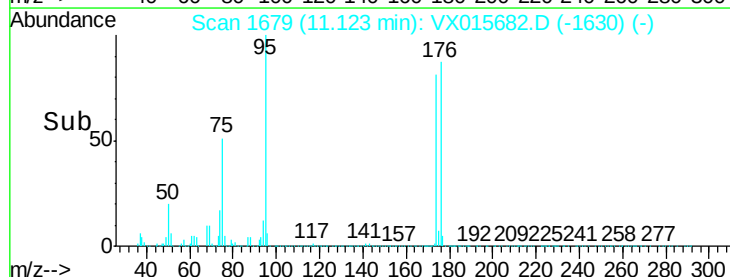
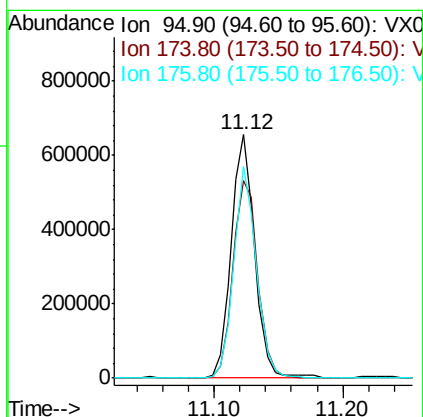
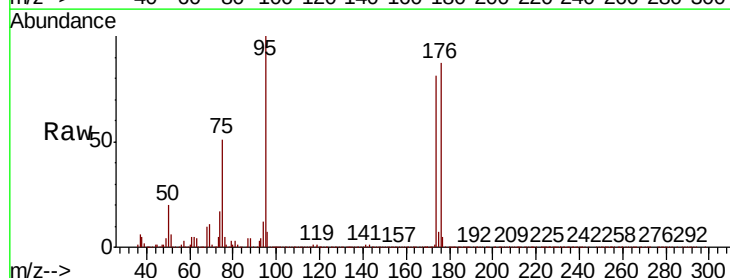
Tgt Ion: 95 Resp: 838422

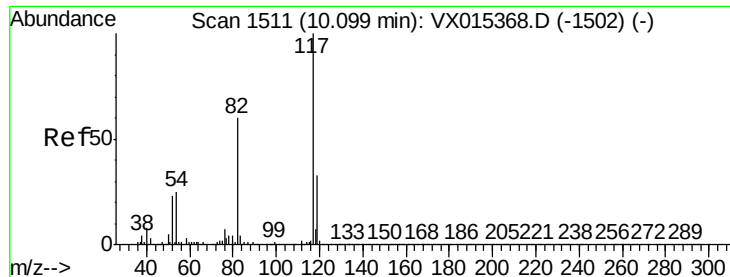
Ion Ratio Lower Upper

95 100

174 85.4 0.0 158.6

176 83.4 0.0 159.0

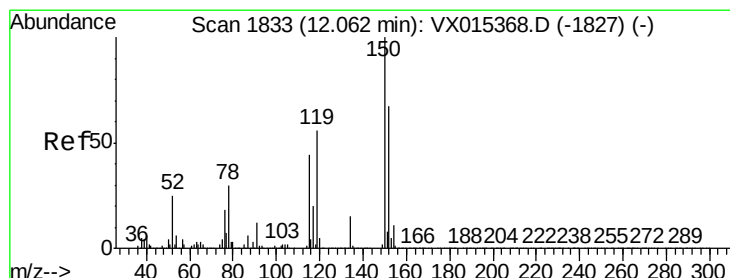
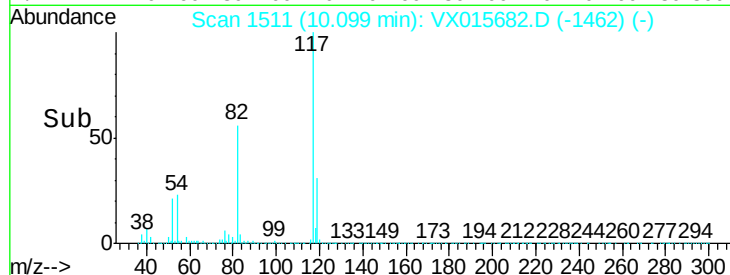
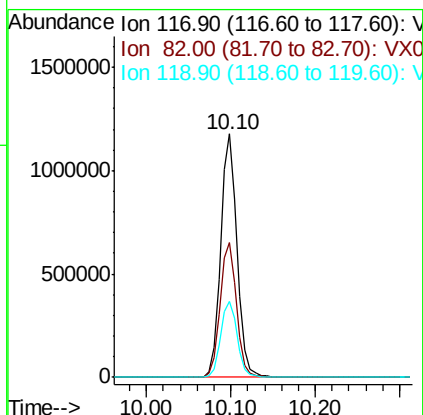
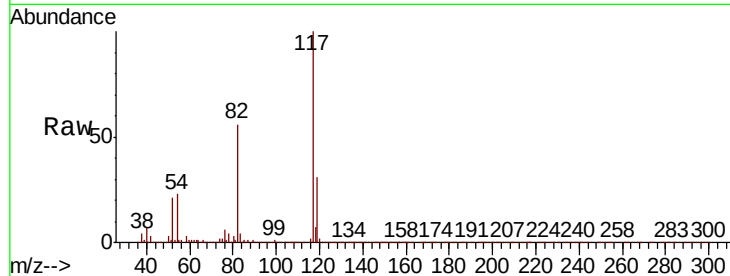




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015682.D
Acq: 15 Apr 2020 14:52

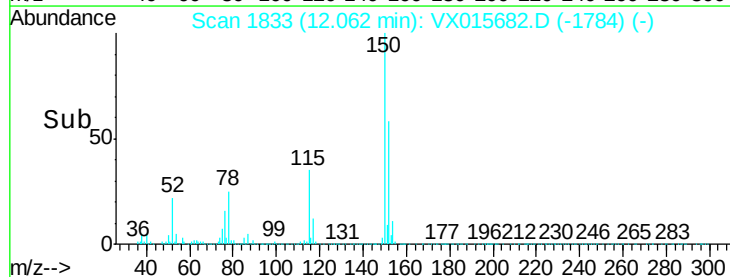
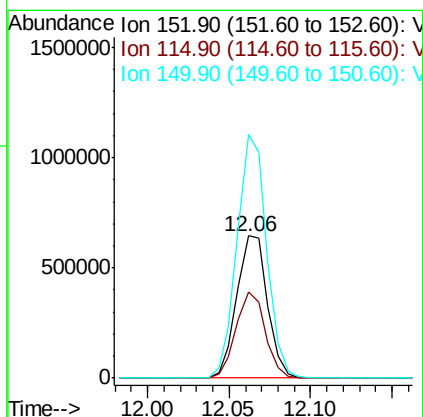
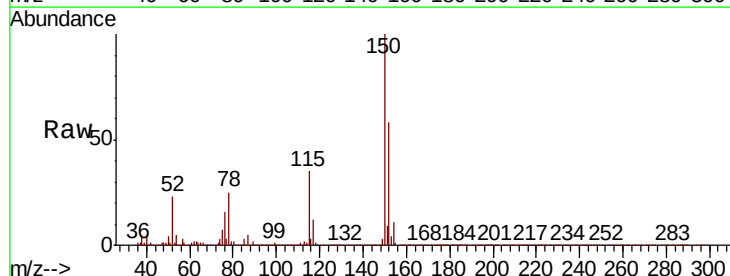
Instrument :
MSVOA_X
ClientSampleId :
SS037MW107-200408

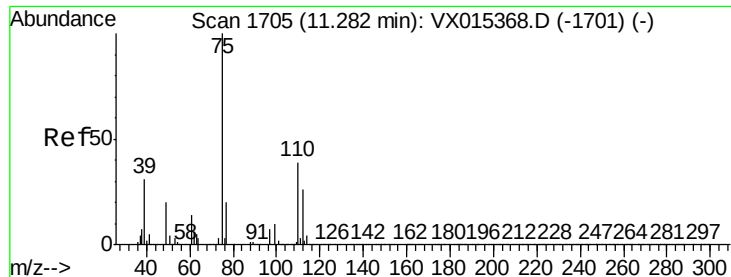
Tot Ion:117 Resp: 1579834
Ion Ratio Lower Upper
117 100
82 55.6 47.8 71.8
119 31.4 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015682.D
Acq: 15 Apr 2020 14:52

Tgt Ion:152 Resp: 851128
Ion Ratio Lower Upper
152 100
115 57.8 39.0 116.9
150 163.7 0.0 340.8





#76

1,2,3-Trichloropropane

Concen: 23.721 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015682.D

Acq: 15 Apr 2020 14:52

Instrument :

MSVOA_X

ClientSampleId :

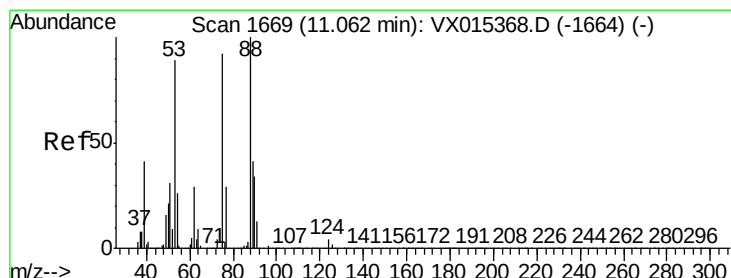
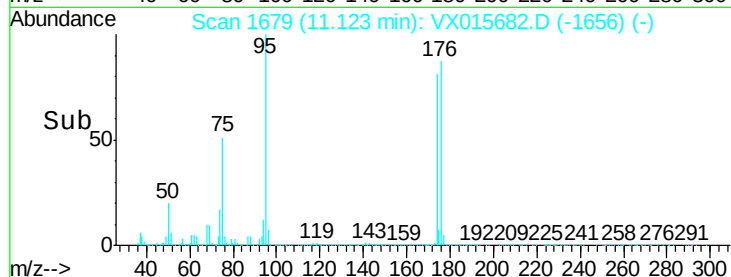
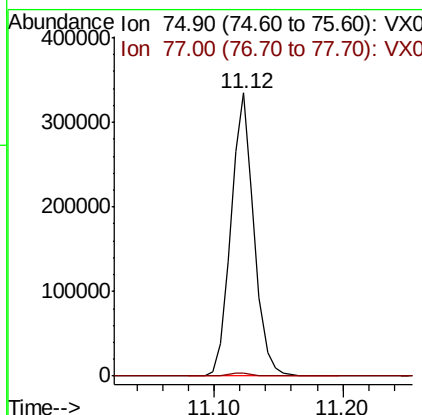
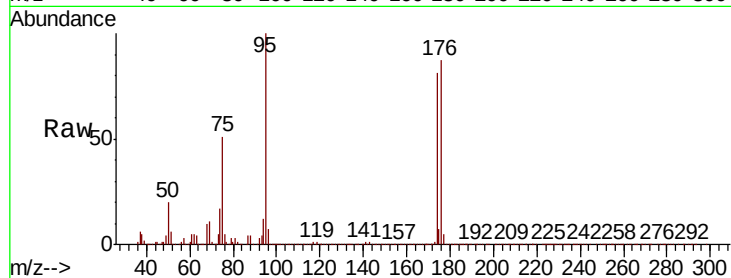
SS037MW107-200408

Tot Ion: 75 Resp: 415191

Ion Ratio Lower Upper

75 100

77 1.3 21.2 63.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.919 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015682.D

Acq: 15 Apr 2020 14:52

Tgt Ion: 75 Resp: 415191

Ion Ratio Lower Upper

75 100

53 0.1 80.1 120.1#

89 0.0 36.1 54.1#

