

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030520\
 Data File : VX015114.D
 Acq On : 05 Mar 2020 17:27
 Operator : JC/SP
 Sample : L1818-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-4A

Quant Time: Mar 06 02:24:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	346681	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	571444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	551355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	290543	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	211130	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
35) Dibromofluoromethane	5.49	113	174653	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
50) Toluene-d8	8.71	98	687321	50.12	ug/l	0.00
Spiked Amount			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.13	95	257587	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	

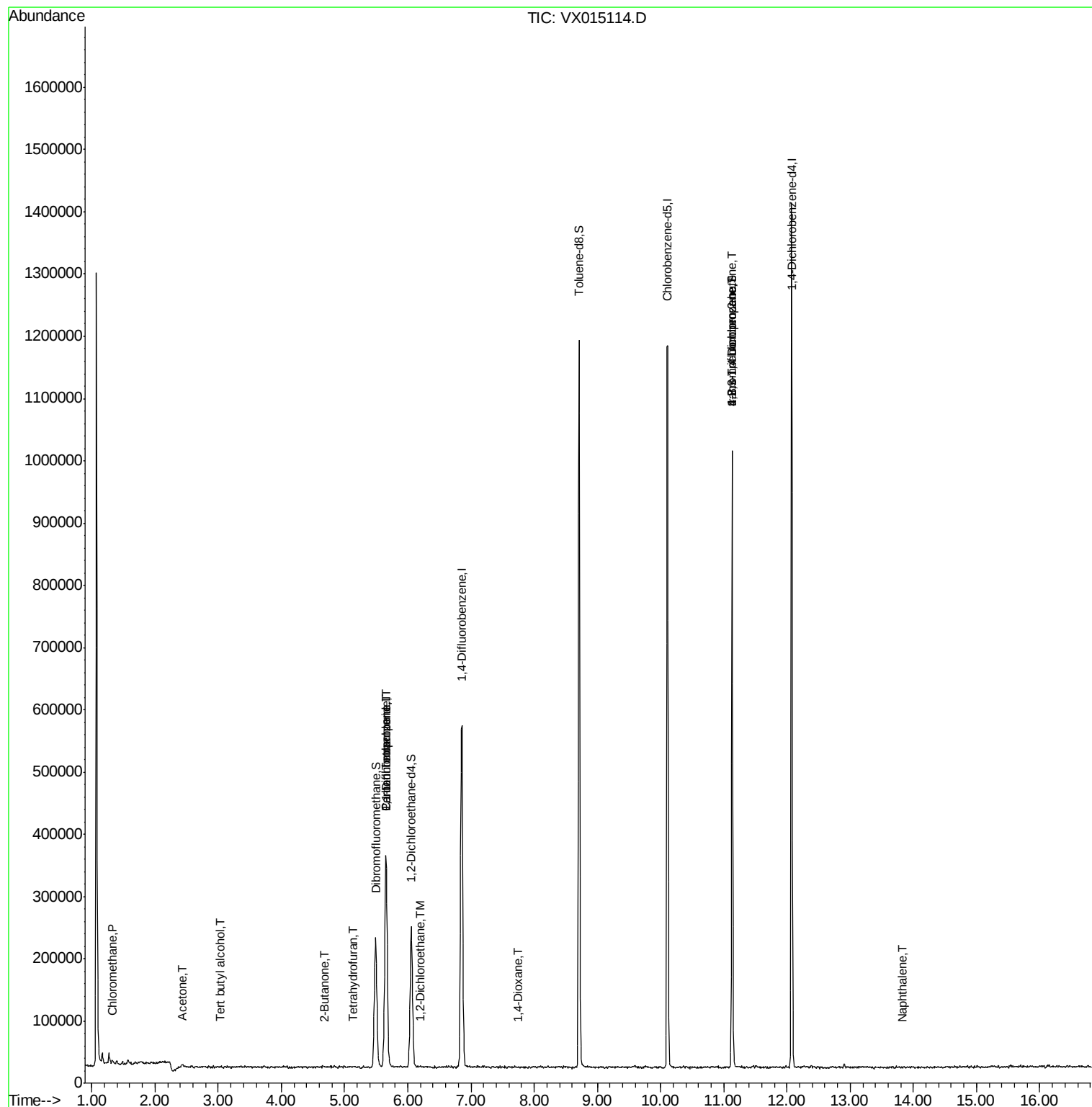
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	887	0.206	ug/l #	75
11) Tert butyl alcohol	3.03	59	766	1.073	ug/l #	3
16) Acetone	2.43	43	6128	3.679	ug/l	98
25) 2-Butanone	4.68	43	887	0.364	ug/l #	58
29) Tetrahydrofuran	5.13	42	387	0.246	ug/l	94
36) 1,1-Dichloropropene	5.65	75	23270	4.405	ug/l #	52
38) Carbon Tetrachloride	5.65	117	31888	6.395	ug/l #	16
42) 1,2-Dichloroethane	6.19	62	1625	0.302	ug/l	82
49) 1,4-Dioxane	7.74	88	91	0.959	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	127919	22.072	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	127919	62.641	ug/l #	11
95) Naphthalene	13.83	128	621	1.451	ug/l #	63

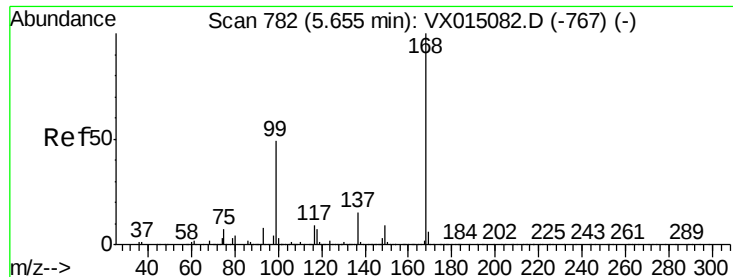
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030520\
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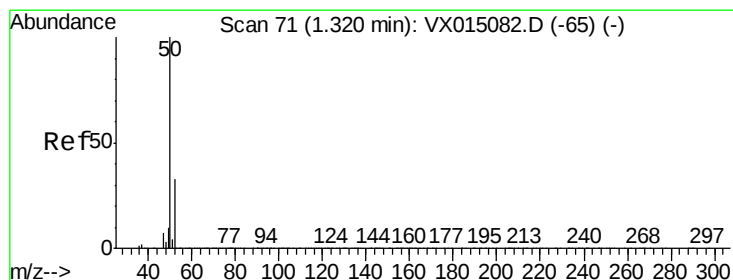
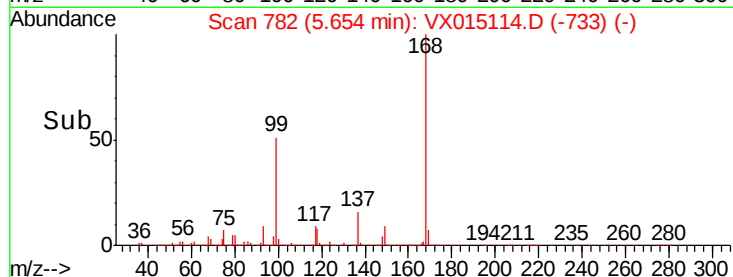
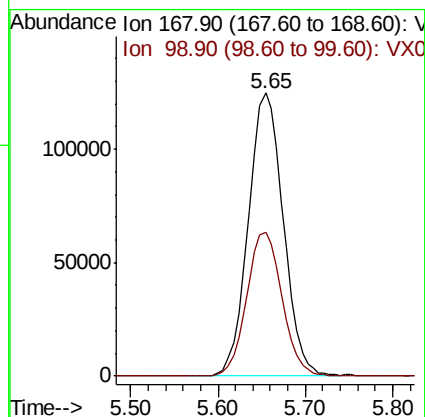
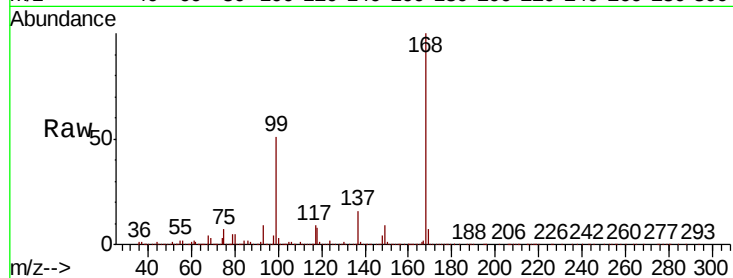


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: VX015114.D
 Acq: 05 Mar 2020 17:27

Instrument :
 MSVOA_X
 ClientSampled :
 W-4A

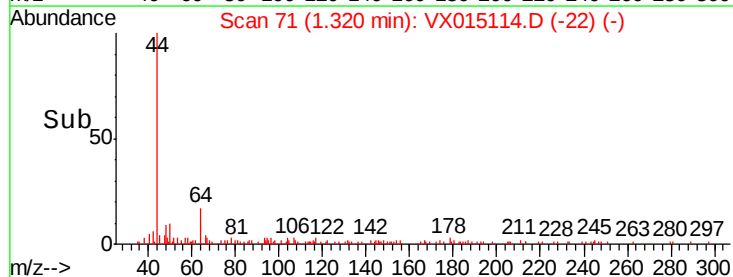
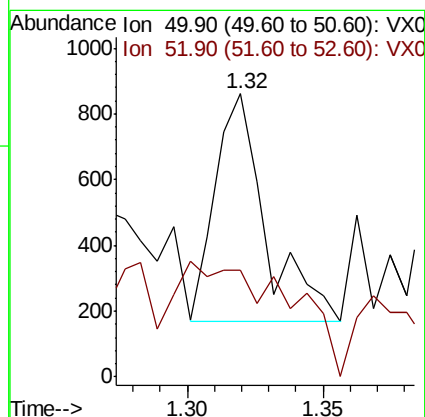
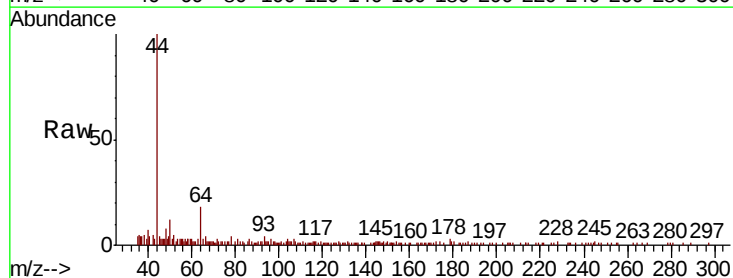
Tot Ion:168 Resp: 346681
 Ion Ratio Lower Upper
 168 100
 99 50.8 39.4 59.2

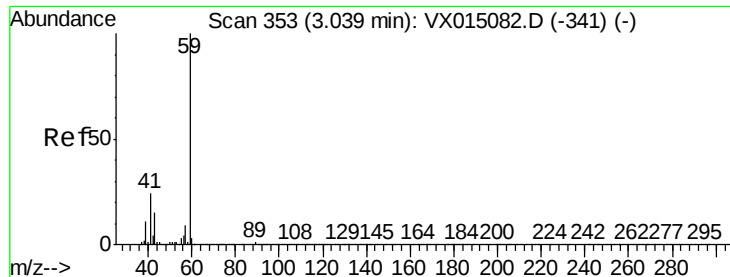


#3

Chloromethane
 Concen: 0.206 ug/l
 RT: 1.32 min Scan# 71
 Delta R.T. -0.00 min
 Lab File: VX015114.D
 Acq: 05 Mar 2020 17:27

Tgt Ion: 50 Resp: 887
 Ion Ratio Lower Upper
 50 100
 52 46.7 26.2 39.2#



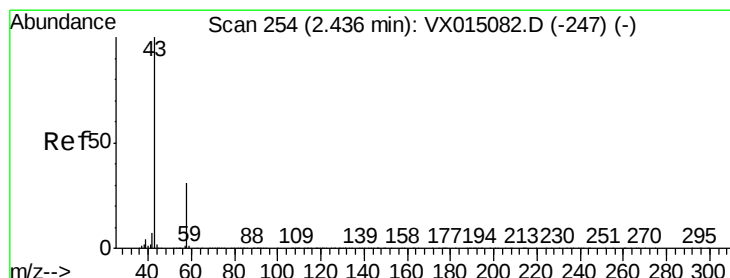
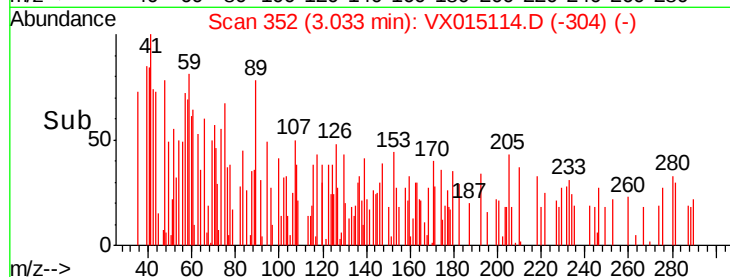
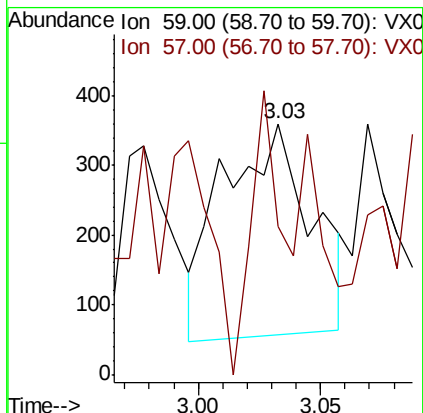
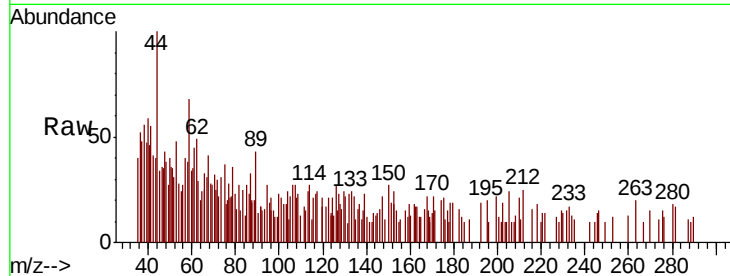


#11

Tert butyl alcohol
Concen: 1.073 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015114.D
Acq: 05 Mar 2020 17:27

Instrument :
MSVOA_X
ClientSampled :
W-4A

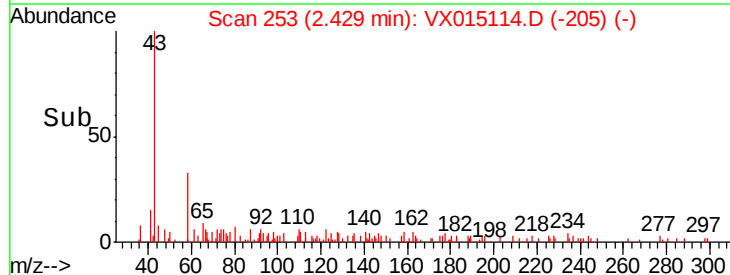
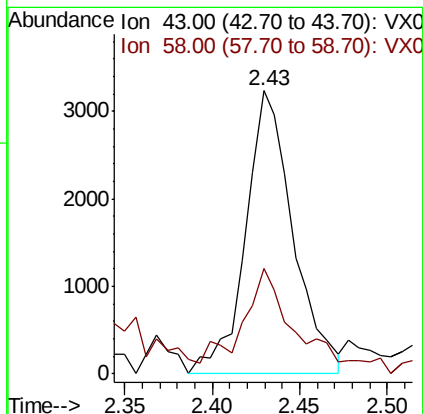
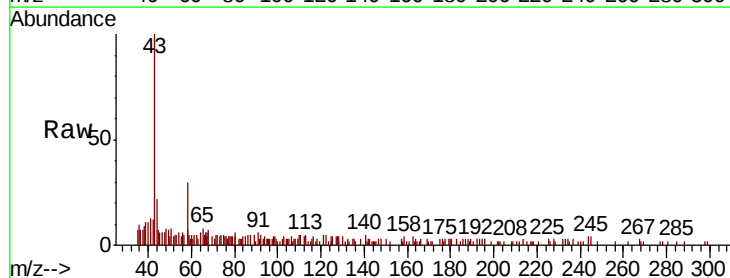
Tot Ion: 59 Resp: 766
Ion Ratio Lower Upper
59 100
57 46.5 8.2 12.4#

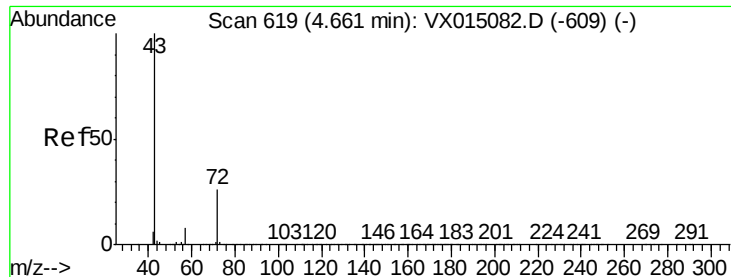


#16

Acetone
Concen: 3.679 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX015114.D
Acq: 05 Mar 2020 17:27

Tgt Ion: 43 Resp: 6128
Ion Ratio Lower Upper
43 100
58 32.3 24.8 37.2





#25

2-Butanone

Concen: 0.364 ug/l

RT: 4.68 min Scan# 622

Delta R.T. 0.02 min

Lab File: VX015114.D

Acq: 05 Mar 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

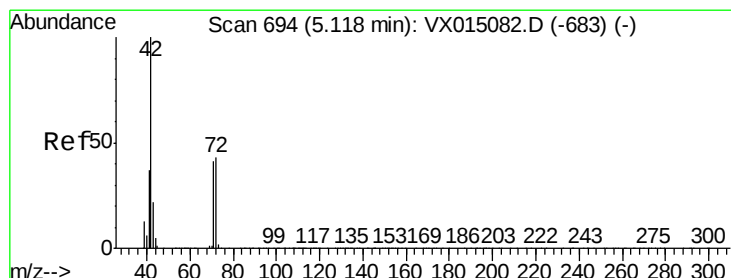
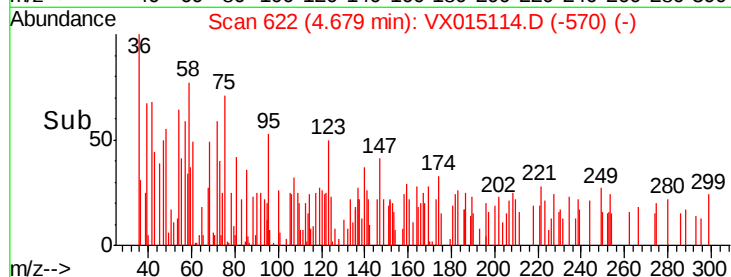
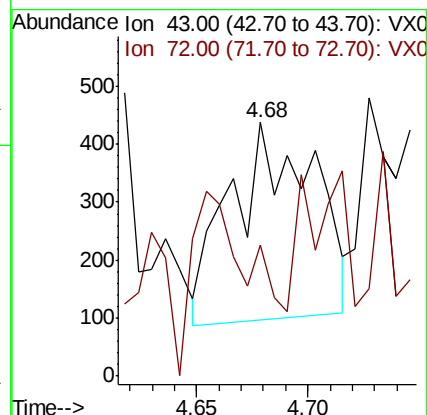
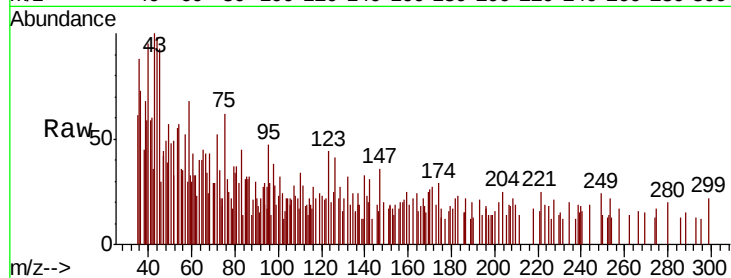
W-4A

Tot Ion: 43 Resp: 887

Ion Ratio Lower Upper

43 100

72 47.0 20.6 30.8#



#29

Tetrahydrofuran

Concen: 0.246 ug/l

RT: 5.13 min Scan# 696

Delta R.T. 0.01 min

Lab File: VX015114.D

Acq: 05 Mar 2020 17:27

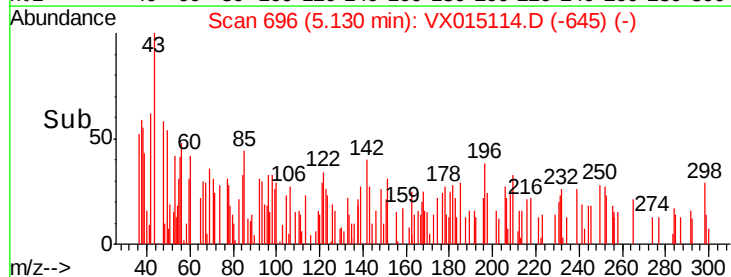
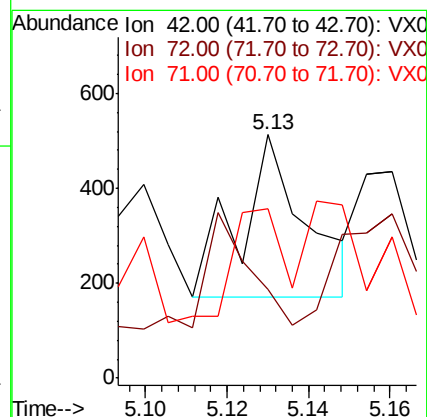
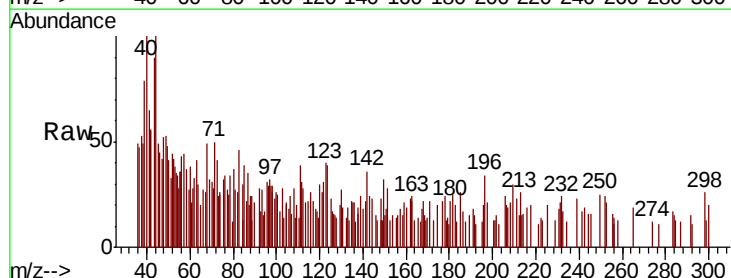
Tgt Ion: 42 Resp: 387

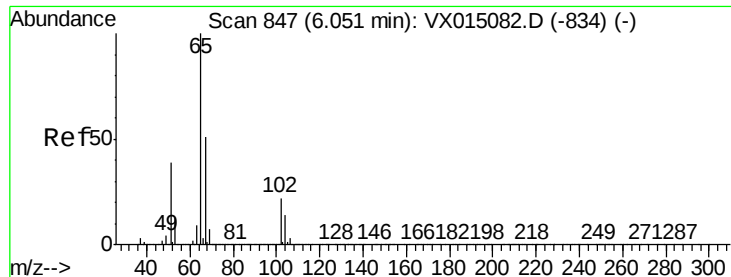
Ion Ratio Lower Upper

42 100

72 47.5 36.4 54.6

71 47.8 33.3 49.9

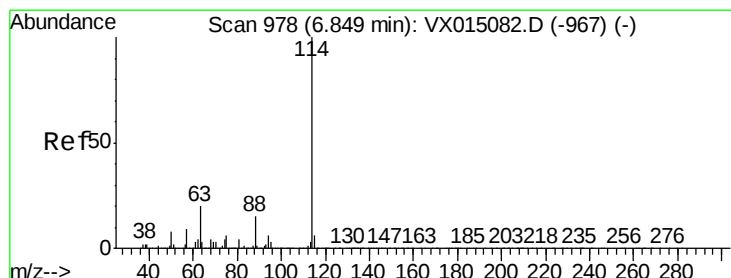
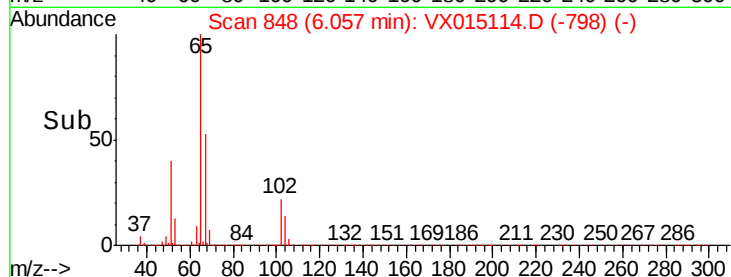
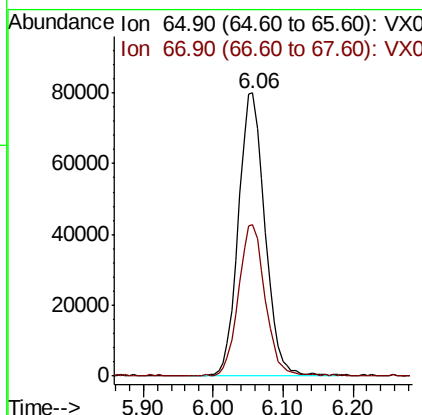
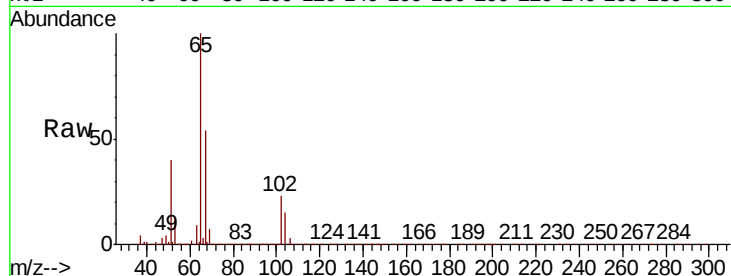




#33
 1,2-Dichloroethane-d4
 Concen: 51.333 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX015114.D
 Acq: 05 Mar 2020 17:27

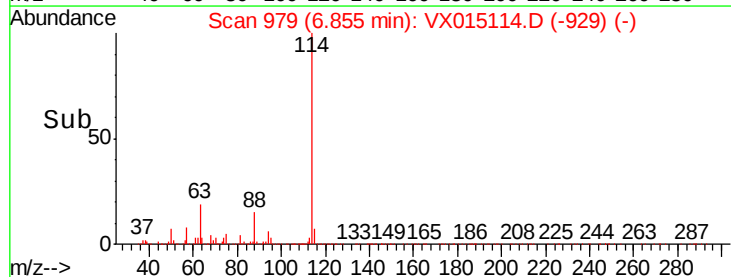
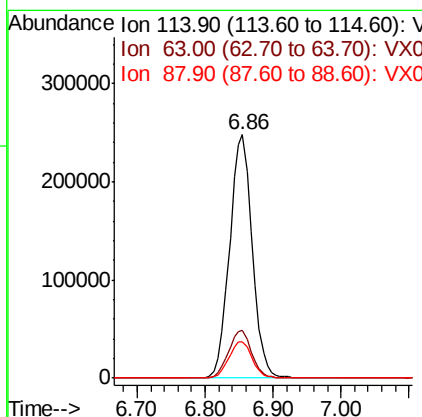
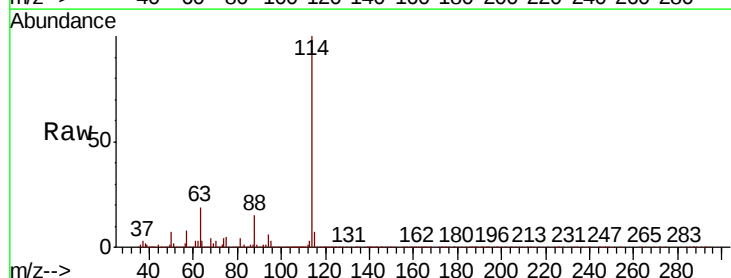
Instrument :
 MSVOA_X
 ClientSampleId :
 W-4A

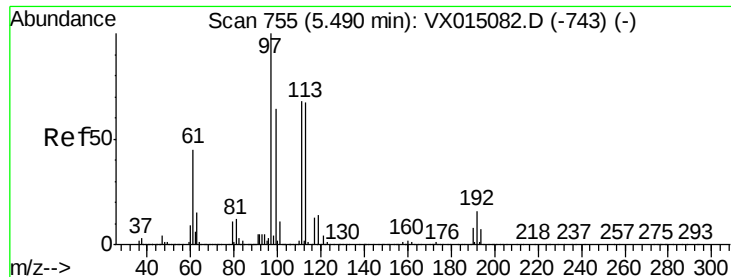
Tot Ion: 65 Resp: 211130
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX015114.D
 Acq: 05 Mar 2020 17:27

Tgt Ion: 114 Resp: 571444
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 14.6 0.0 30.6

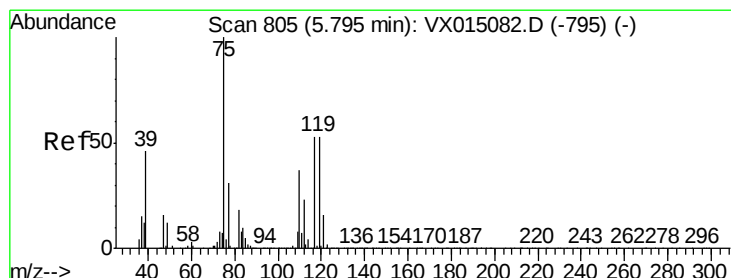
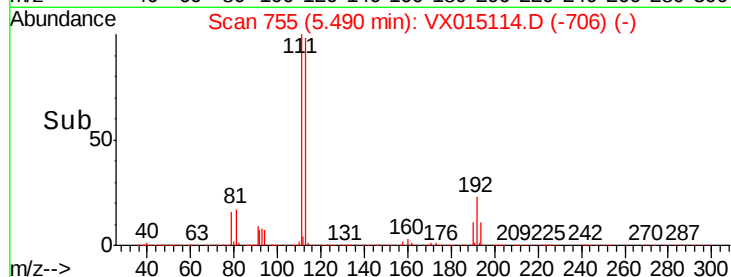
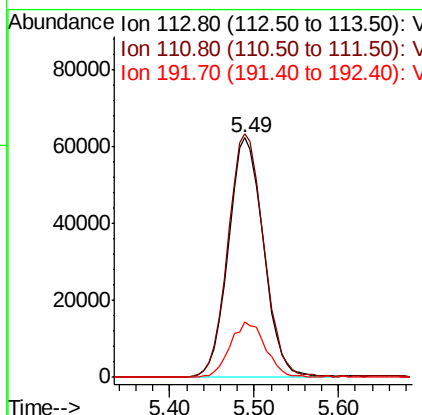
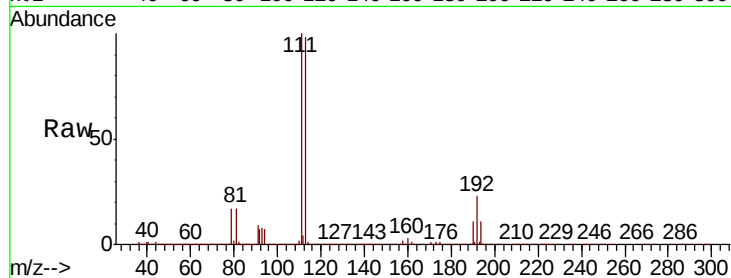




#35
 Dibromofluoromethane
 Concen: 48.447 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX015114.D
 Acq: 05 Mar 2020 17:27

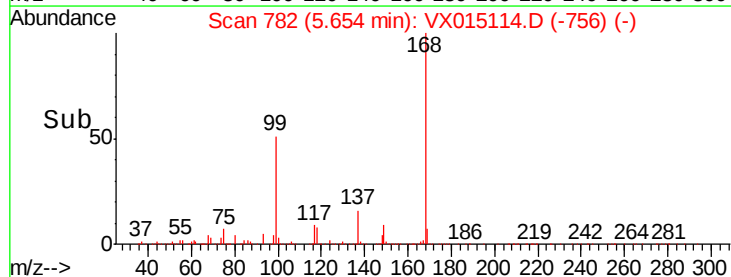
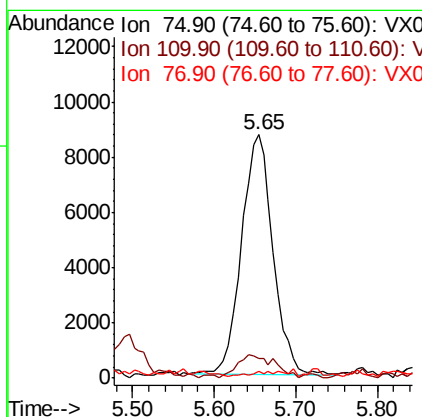
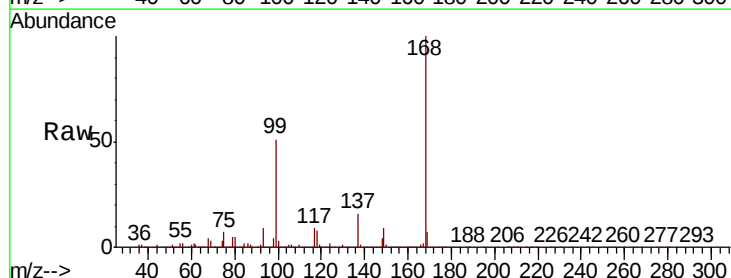
Instrument :
 MSVOA_X
 ClientSampleId :
 W-4A

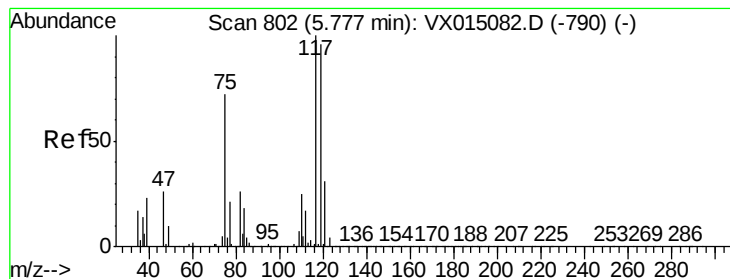
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	123.8
192	23.7	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 4.405 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.14 min
 Lab File: VX015114.D
 Acq: 05 Mar 2020 17:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	11.4	17.9	53.8#
77	0.7	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.395 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX015114.D

Acq: 05 Mar 2020 17:27

Instrument :

MSVOA_X

ClientSampled :

W-4A

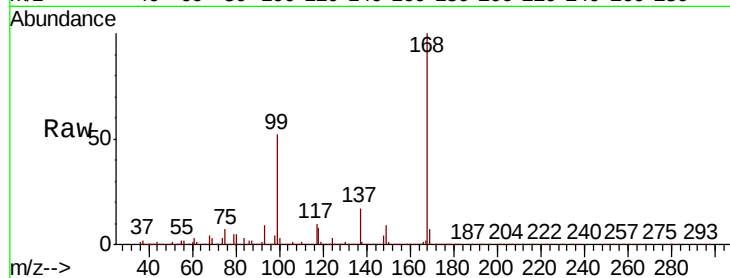
Tot Ion:117 Resp: 31888

Ion Ratio Lower Upper

117 100

119 5.3 76.9 115.3#

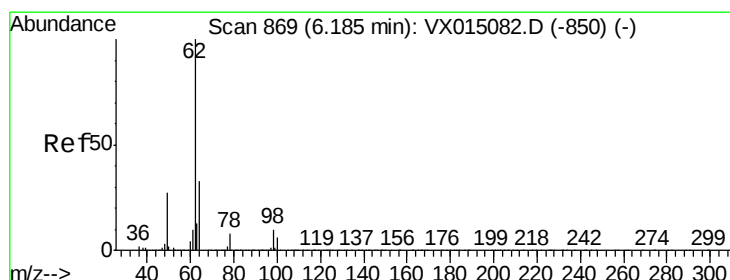
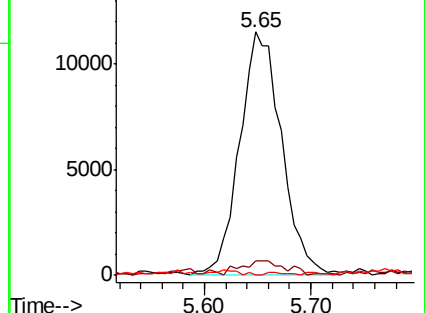
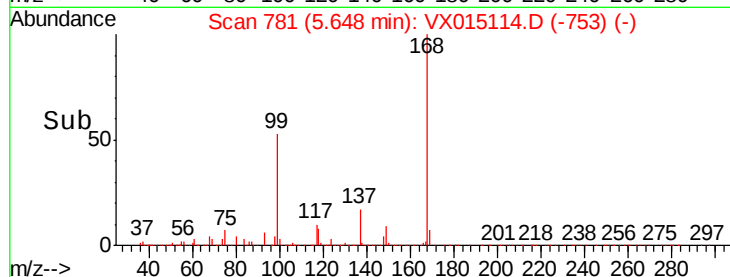
121 0.0 24.6 37.0#



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



#42

1,2-Dichloroethane

Concen: 0.302 ug/l

RT: 6.19 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX015114.D

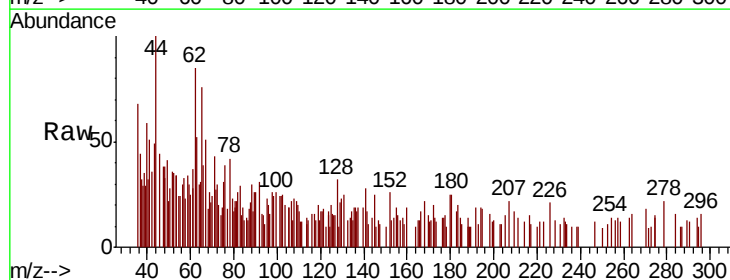
Acq: 05 Mar 2020 17:27

Tgt Ion: 62 Resp: 1625

Ion Ratio Lower Upper

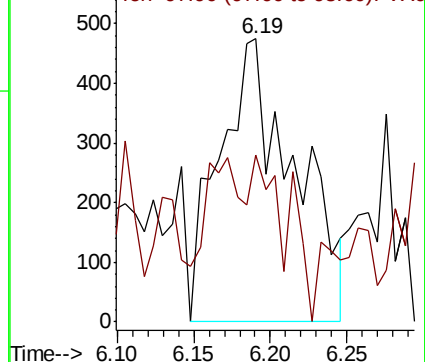
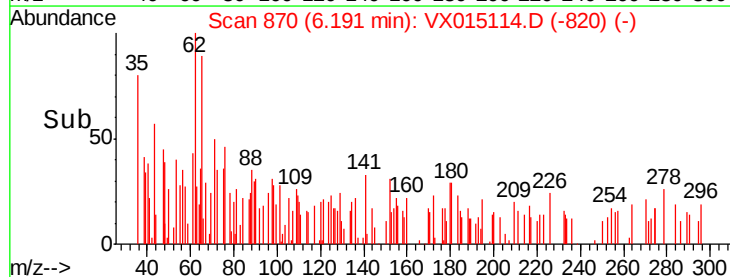
62 100

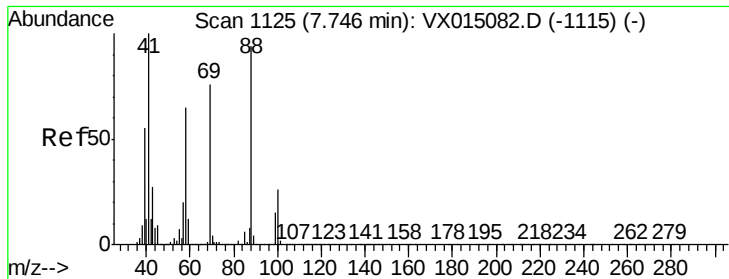
98 17.2 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#49

1,4-Dioxane

Concen: 0.959 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VX015114.D

Acq: 05 Mar 2020 17:27

Instrument :

MSVOA_X

ClientSampled :

W-4A

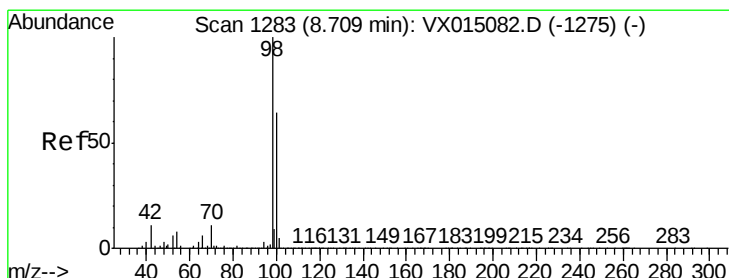
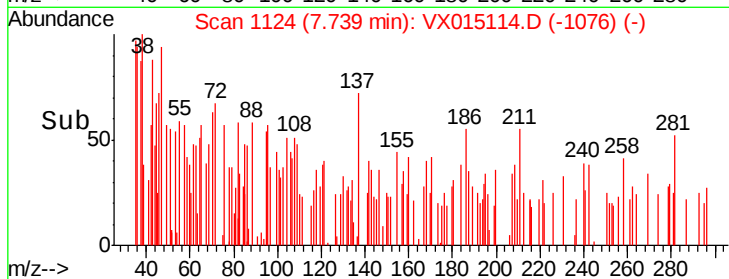
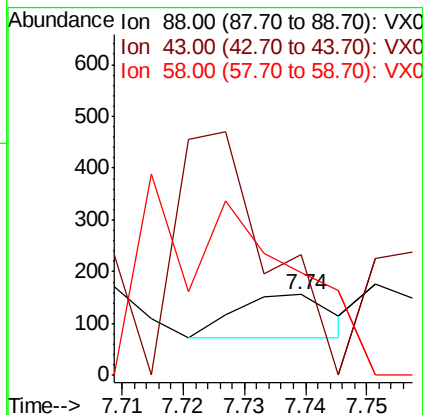
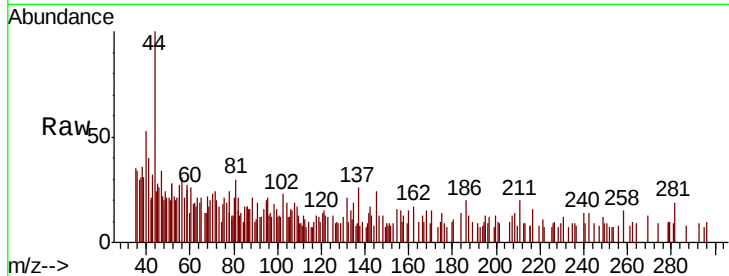
Tot Ion: 88 Resp: 91

Ion Ratio Lower Upper

88 100

43 639.6 27.0 40.4#

58 0.0 55.6 83.4#



#50

Toluene-d8

Concen: 50.121 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015114.D

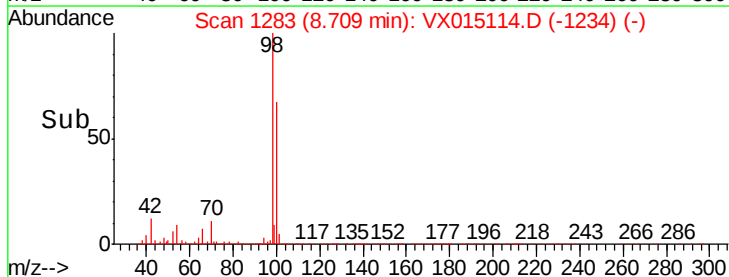
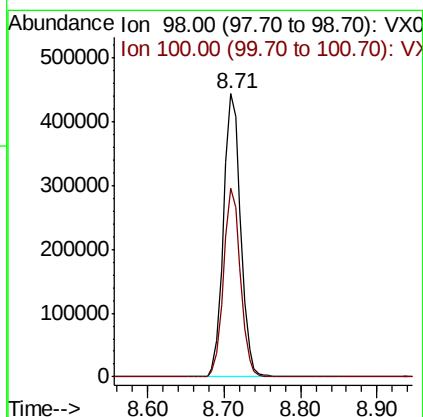
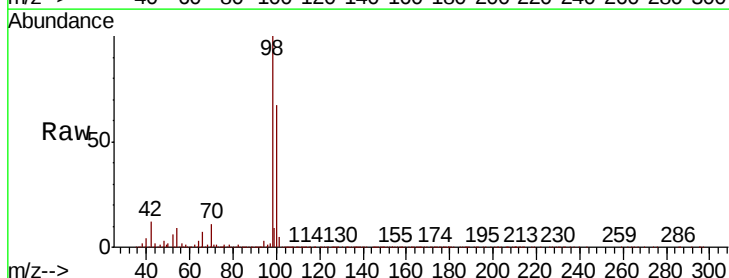
Acq: 05 Mar 2020 17:27

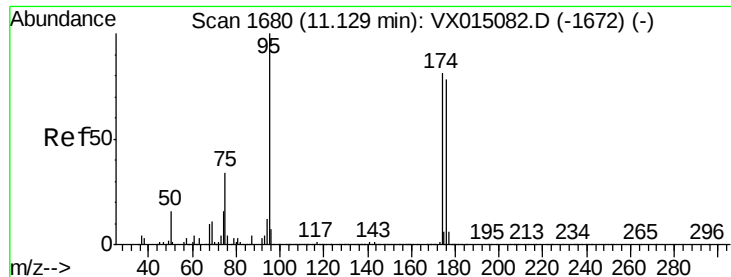
Tgt Ion: 98 Resp: 687321

Ion Ratio Lower Upper

98 100

100 65.5 52.4 78.6

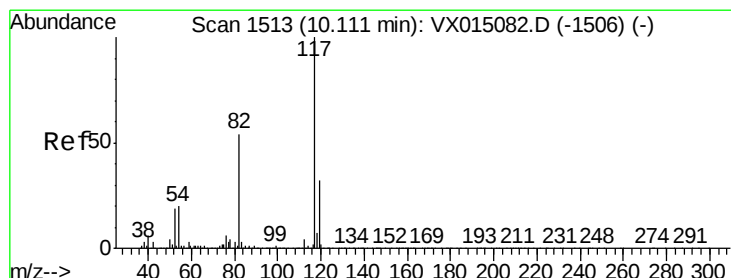
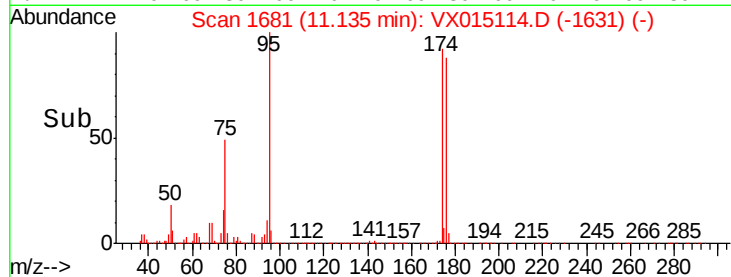
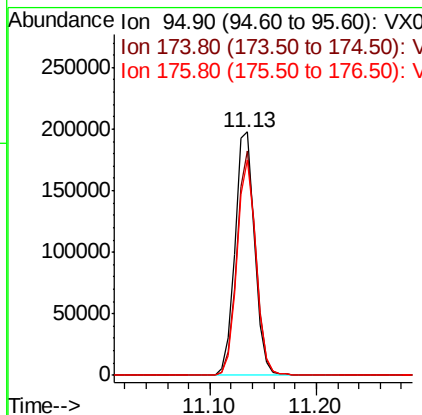
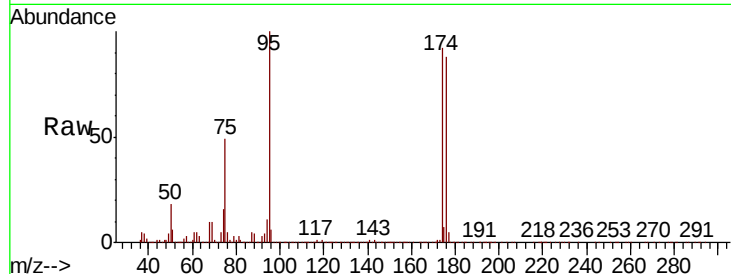




#62
4-Bromofluorobenzene
Concen: 52.662 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015114.D
Acq: 05 Mar 2020 17:27

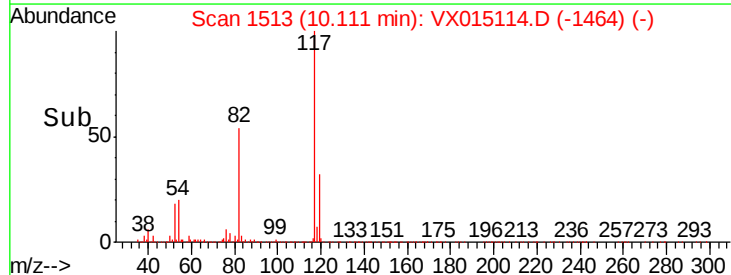
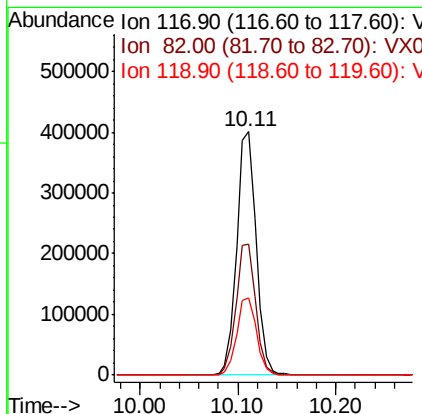
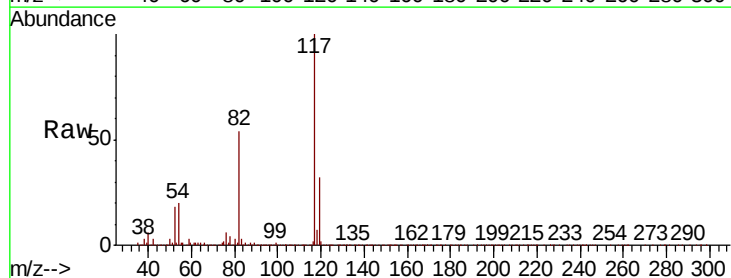
Instrument :
MSVOA_X
ClientSampled :
W-4A

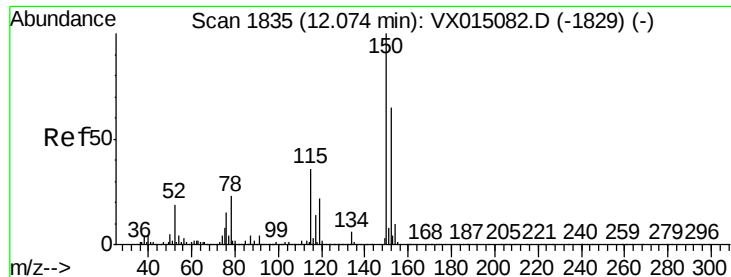
Tot Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	177.6
176	85.5	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015114.D
Acq: 05 Mar 2020 17:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.3	64.9
119	31.8	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015114.D

Acq: 05 Mar 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

W-4A

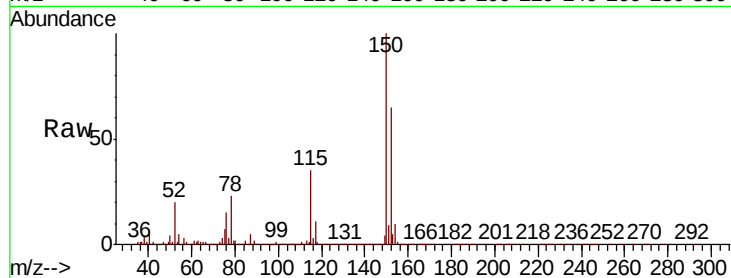
Tot Ion:152 Resp: 290543

Ion Ratio Lower Upper

152 100

115 54.9 38.2 114.6

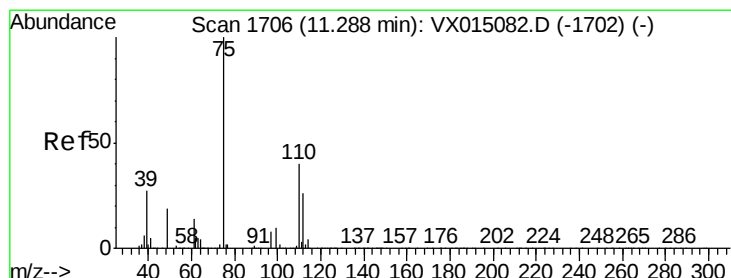
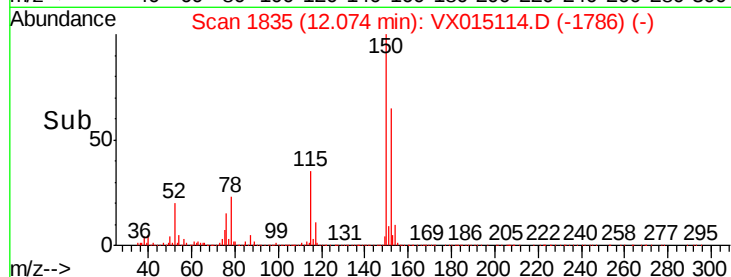
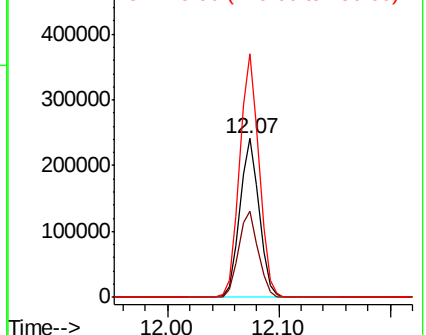
150 153.8 0.0 343.8



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: 22.072 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX015114.D

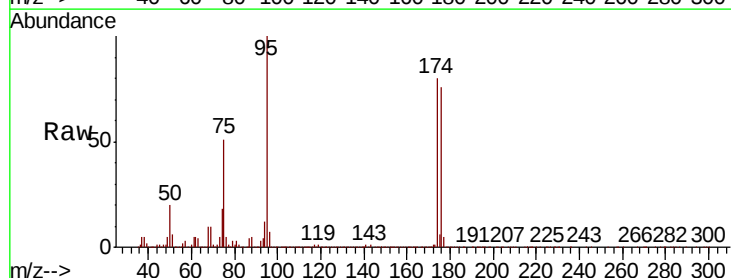
Acq: 05 Mar 2020 17:27

Tgt Ion: 75 Resp: 127919

Ion Ratio Lower Upper

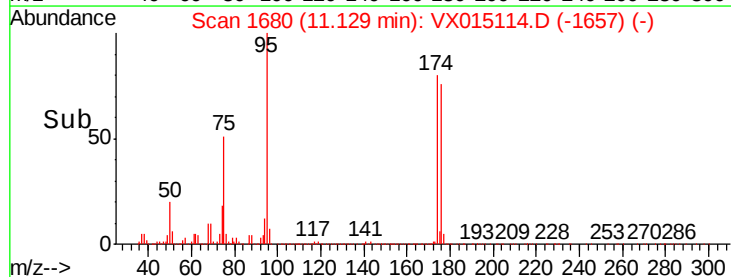
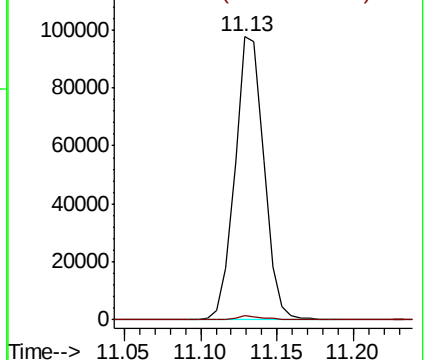
75 100

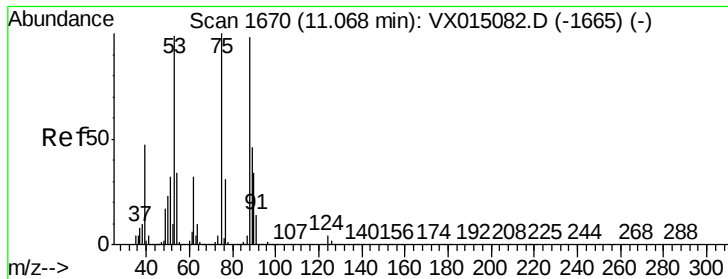
77 1.6 22.6 67.8#



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: 62.641 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX015114.D

Acq: 05 Mar 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

W-4A

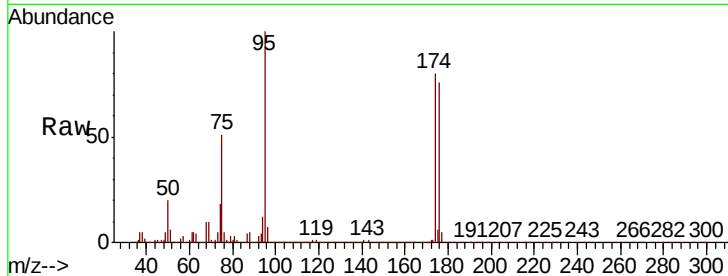
Tot Ion: 75 Resp: 127919

Ion Ratio Lower Upper

75 100

53 0.0 77.9 116.9#

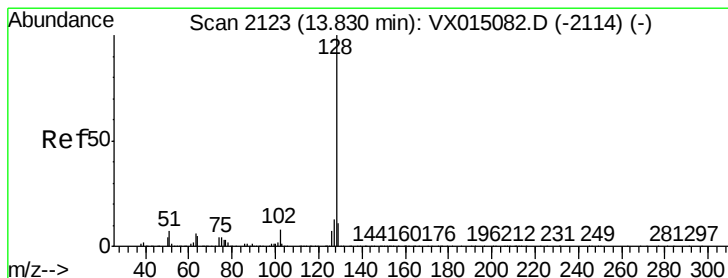
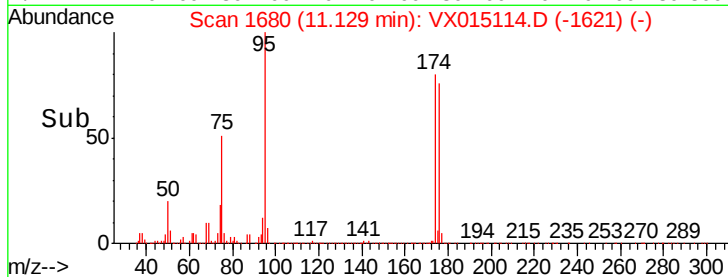
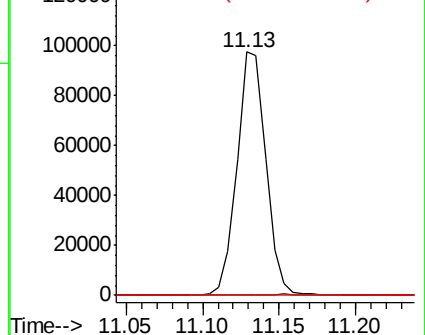
89 0.0 36.2 54.2#



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



#95

Naphthalene

Concen: 1.451 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015114.D

Acq: 05 Mar 2020 17:27

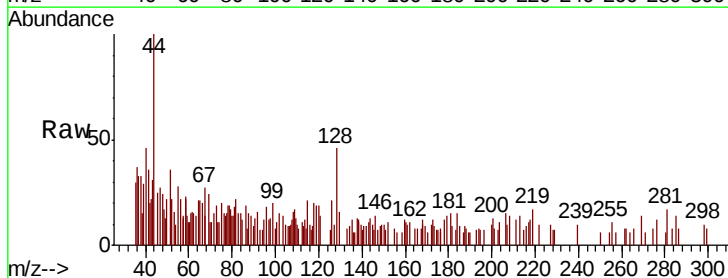
Tgt Ion: 128 Resp: 621

Ion Ratio Lower Upper

128 100

127 28.8 10.3 15.5#

129 23.3 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

