

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008223.D
 Acq On : 20 Mar 2019 05:42
 Operator : JC/SP
 Sample : K1912-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T0-OZ(PRE)

Quant Time: Mar 20 08:40:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	329771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	530520	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	441958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168768	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	226111	45.53	ug/l	0.00
Spiked Amount			Recovery	=	91.06%	
35) Dibromofluoromethane	5.50	113	170191	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	
50) Toluene-d8	8.71	98	654257	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	11.13	95	200780	43.31	ug/l	0.00
Spiked Amount			Recovery	=	86.62%	

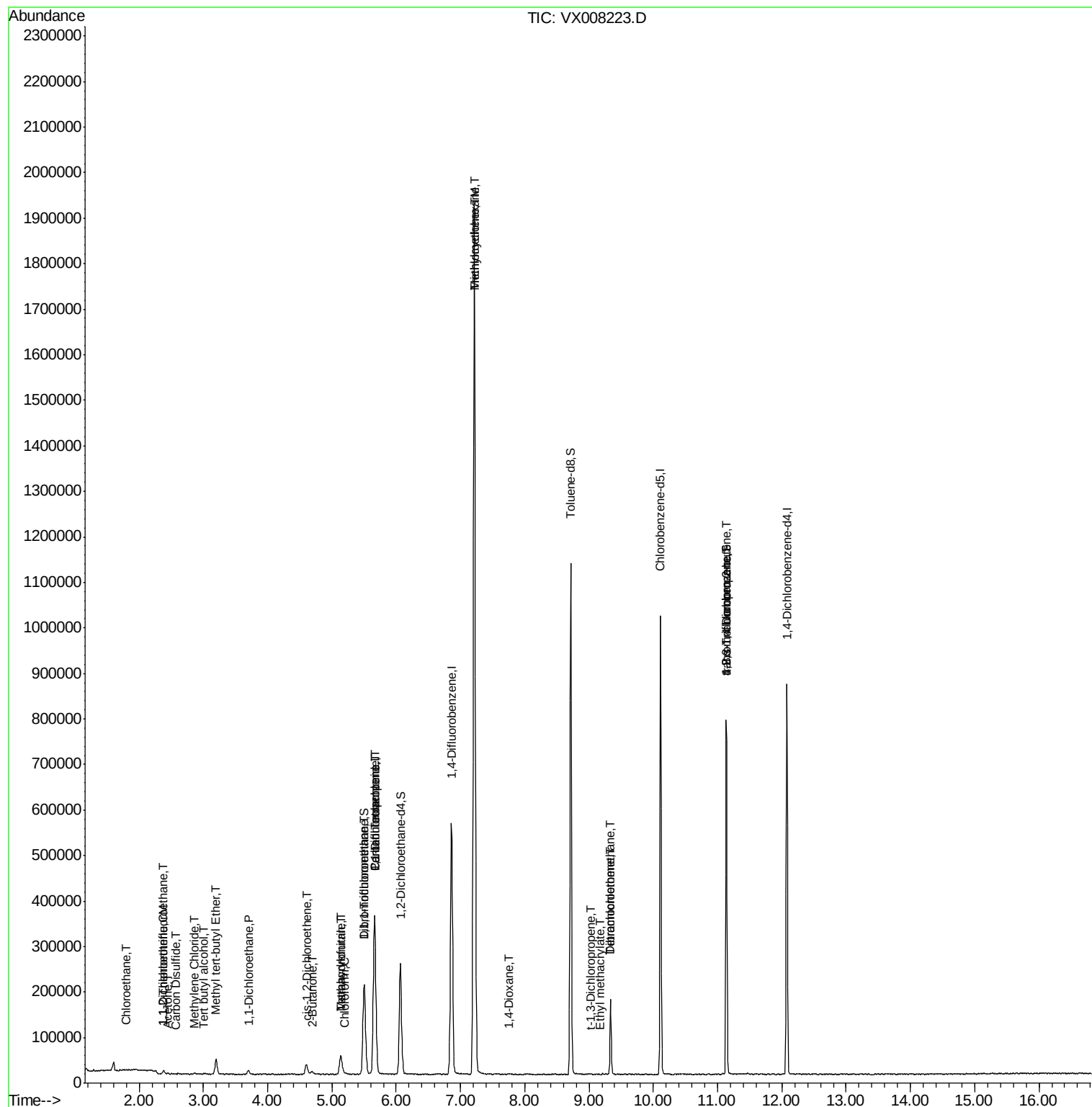
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.79	64	4000	1.275	ug/l #	43
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1574	0.371	ug/l #	83
11) Tert butyl alcohol	3.01	59	646	0.608	ug/l #	73
12) 1,1-Dichloroethene	2.38	96	2219	0.555	ug/l	97
13) Acrolein	2.31	56	256	Below Cal	#	13
16) Acetone	2.45	43	2437	0.865	ug/l #	88
17) Carbon Disulfide	2.58	76	731	0.731	ug/l #	58
19) Methyl tert-butyl Ether	3.20	73	35875	2.480	ug/l	98
20) Methylene Chloride	2.87	84	1043	0.222	ug/l #	77
24) 1,1-Dichloroethane	3.71	63	9740	1.110	ug/l #	94
25) 2-Butanone	4.69	43	10349	2.489	ug/l	91
27) cis-1,2-Dichloroethene	4.61	96	14292	2.900	ug/l	98
29) Tetrahydrofuran	5.14	42	39507	15.199	ug/l	99
30) Chloroform	5.21	83	2350	0.286	ug/l	87
32) 1,1,1-Trichloroethane	5.50	97	2804	0.411	ug/l #	40
36) 1,1-Dichloropropene	5.67	75	27490	4.451	ug/l #	50
38) Carbon Tetrachloride	5.67	117	32702	5.942	ug/l #	16
39) Methylcyclohexane	7.21	83	8962	1.206	ug/l #	1
41) Methacrylonitrile	5.13	41	23631	5.770	ug/l #	48
44) Trichloroethene	7.21	130	698542	156.272	ug/l	88
49) 1,4-Dioxane	7.75	88	1390	12.658	ug/l #	93
53) t-1,3-Dichloropropene	9.03	75	101	1.436	ug/l #	65
56) Ethyl methacrylate	9.18	69	82	0.536	ug/l #	1
60) Dibromochloromethane	9.34	129	28962	6.877	ug/l #	11
64) Tetrachloroethene	9.34	164	30731	7.707	ug/l	94
76) 1,2,3-Trichloropropane	11.13	75	104839	22.086	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	104839	56.123	ug/l #	11

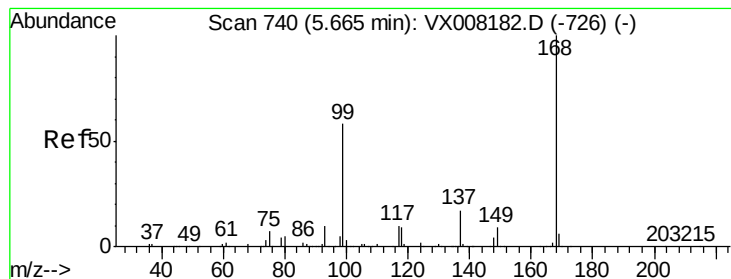
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031919\
Data File : VX008223.D
Acq On : 20 Mar 2019 05:42
Operator : JC/SP
Sample : K1912-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
M3-T0-OZ(PRE)

Quant Time: Mar 20 08:40:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:51:58 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008223.D

Acq: 20 Mar 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

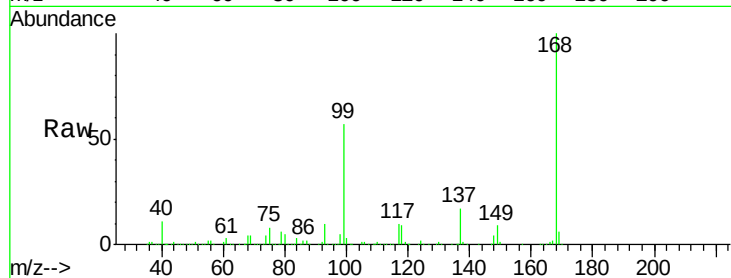
M3-T0-OZ(PRE)

Tot Ion:168 Resp: 329771

Ion Ratio Lower Upper

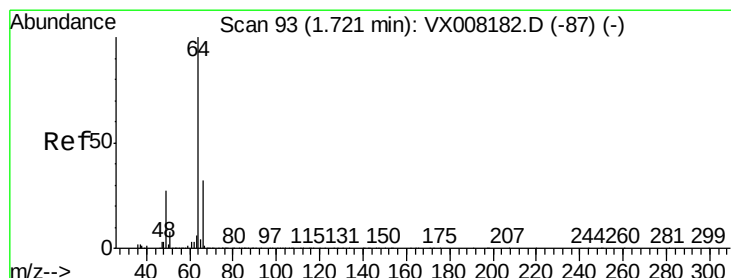
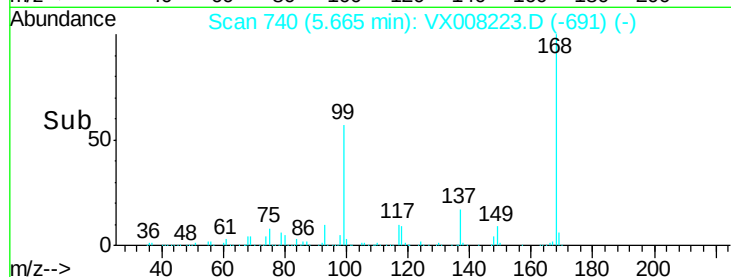
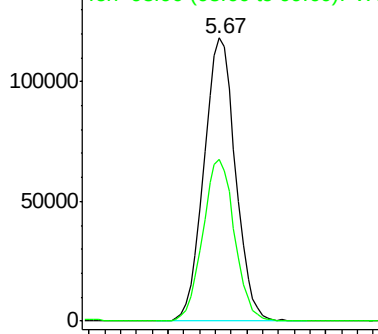
168 100

99 56.9 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 1.275 ug/l

RT: 1.79 min Scan# 105

Delta R.T. 0.07 min

Lab File: VX008223.D

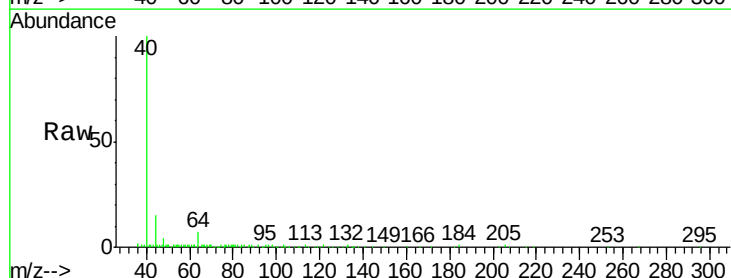
Acq: 20 Mar 2019 05:42

Tgt Ion: 64 Resp: 4000

Ion Ratio Lower Upper

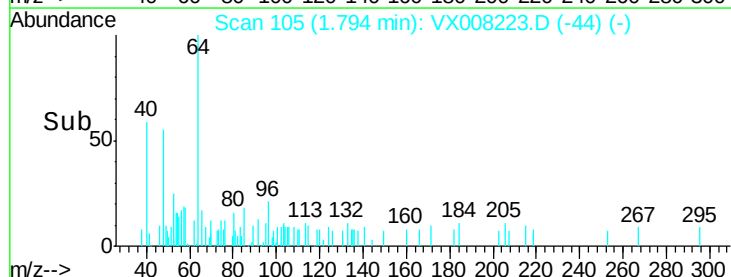
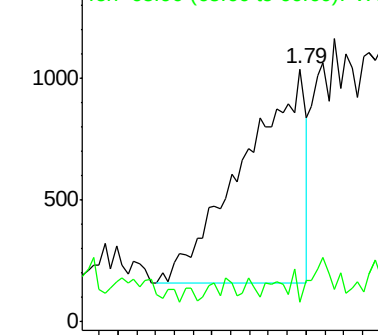
64 100

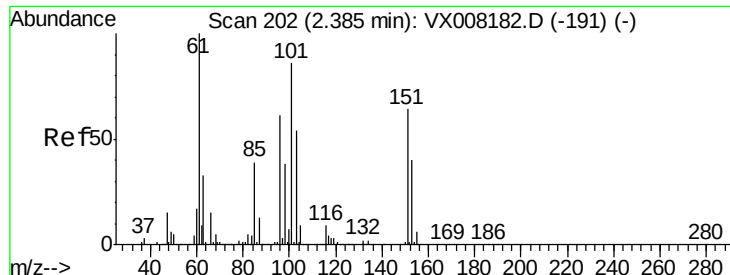
66 0.0 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.371 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008223.D

Acq: 20 Mar 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

M3-T0-OZ(PRE)

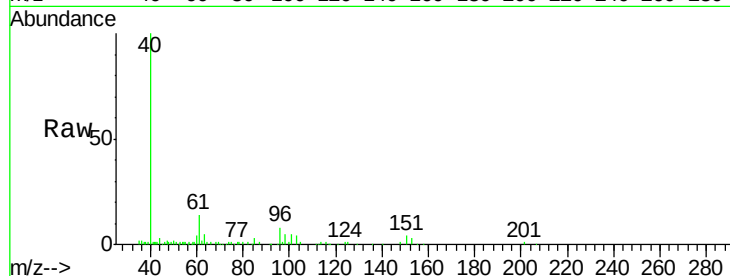
Tot Ion:101 Resp: 1574

Ion Ratio Lower Upper

101 100

85 48.3 33.8 50.6

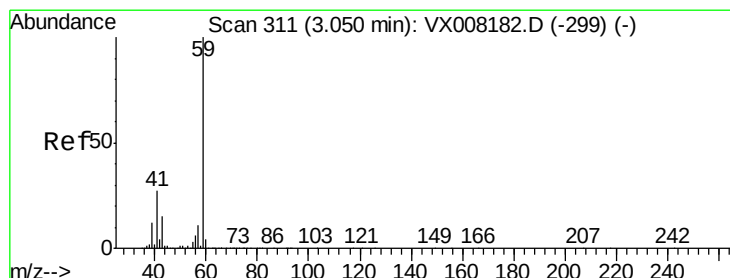
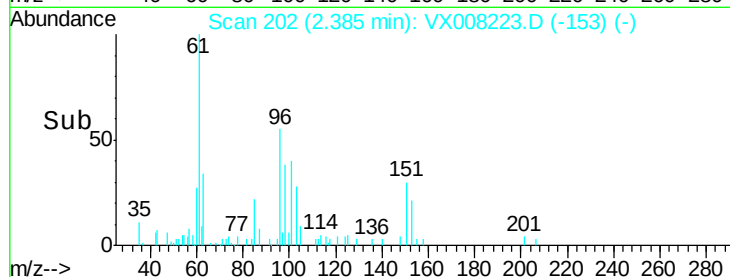
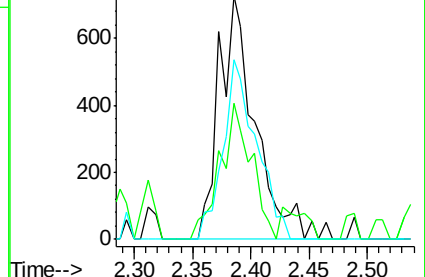
151 67.5 69.1 103.7#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 0.608 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.04 min

Lab File: VX008223.D

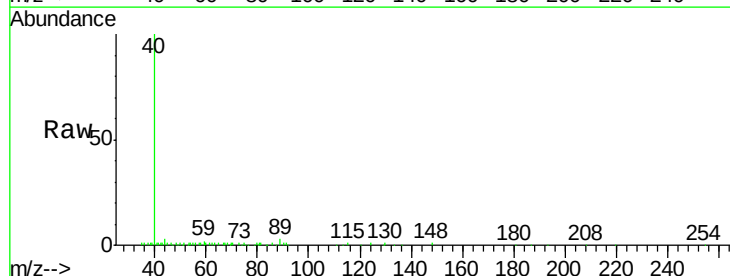
Acq: 20 Mar 2019 05:42

Tgt Ion: 59 Resp: 646

Ion Ratio Lower Upper

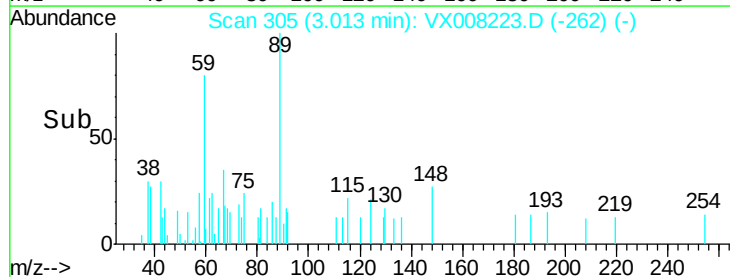
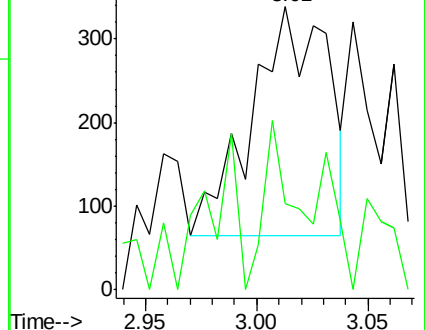
59 100

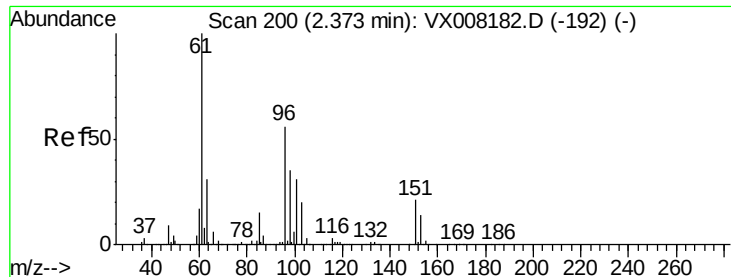
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 0.555 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX008223.D

Acq: 20 Mar 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

M3-T0-OZ(PRE)

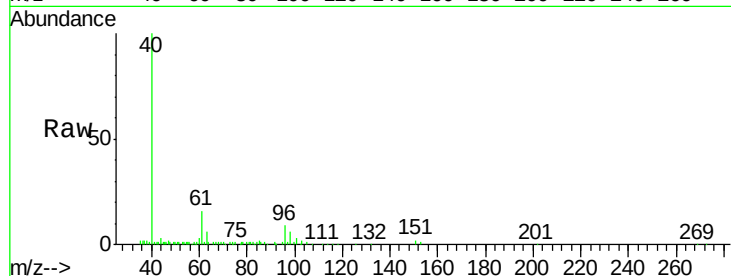
Tot Ion: 96 Resp: 2219

Ion Ratio Lower Upper

96 100

61 166.0 129.8 194.6

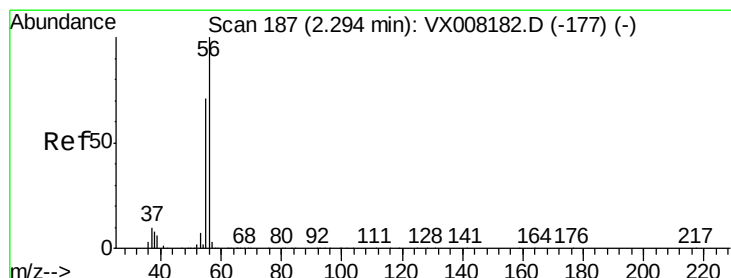
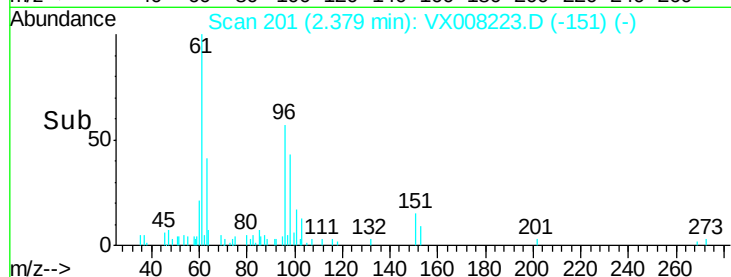
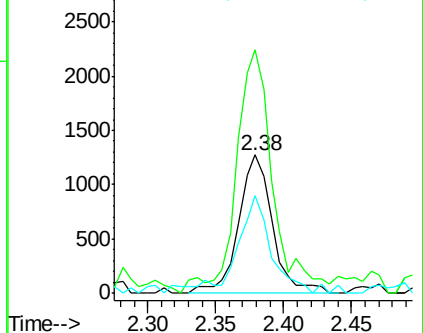
98 65.9 51.0 76.6



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



#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX008223.D

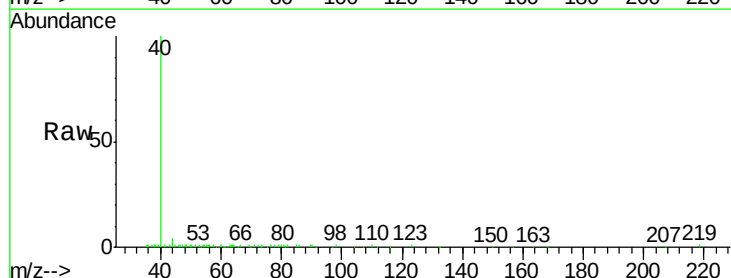
Acq: 20 Mar 2019 05:42

Tgt Ion: 56 Resp: 256

Ion Ratio Lower Upper

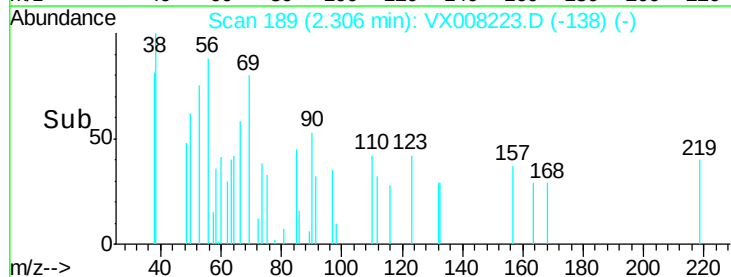
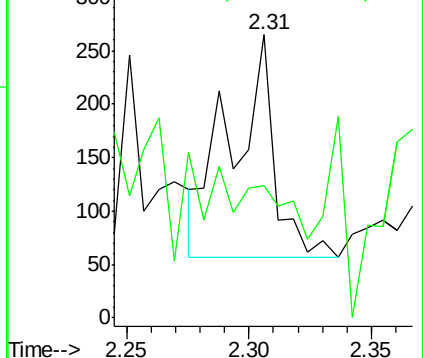
56 100

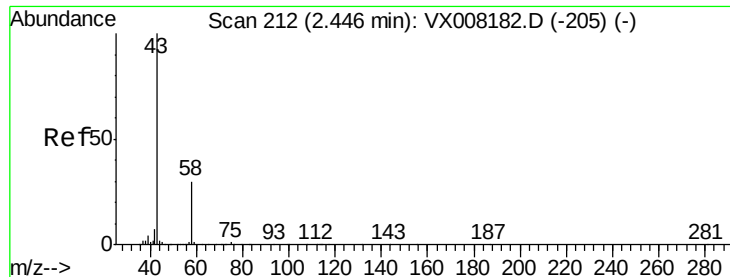
55 0.0 57.8 86.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.865 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008223.D

Acq: 20 Mar 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

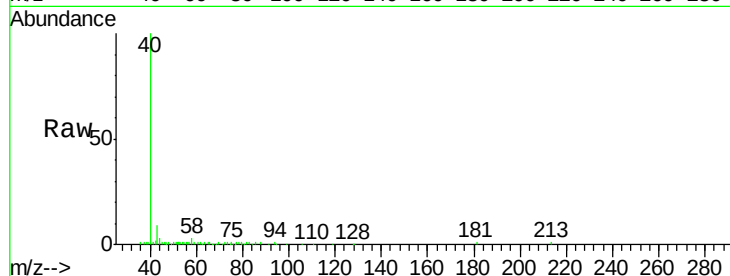
M3-T0-OZ(PRE)

Tot Ion: 43 Resp: 2437

Ion Ratio Lower Upper

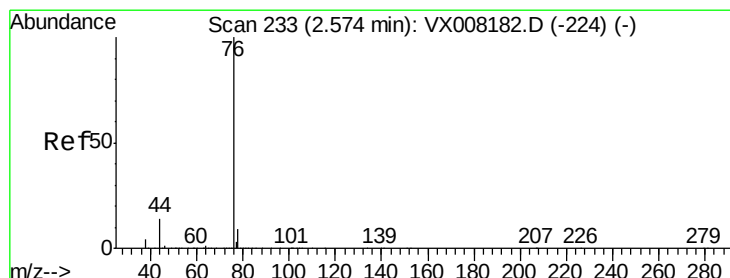
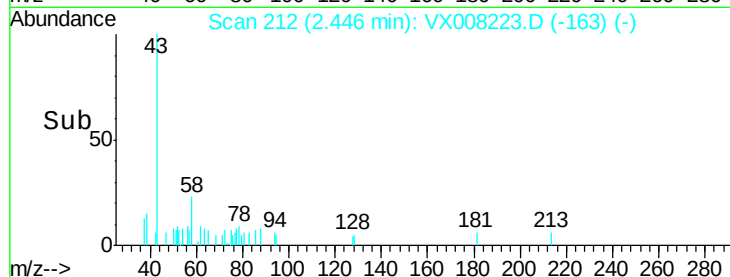
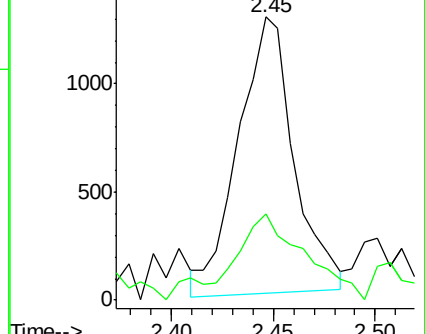
43 100

58 25.5 25.5 38.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.731 ug/l

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX008223.D

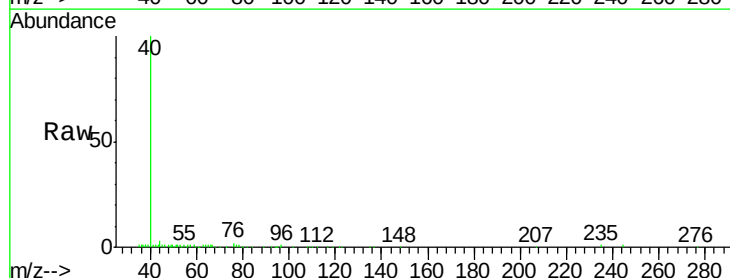
Acq: 20 Mar 2019 05:42

Tgt Ion: 76 Resp: 731

Ion Ratio Lower Upper

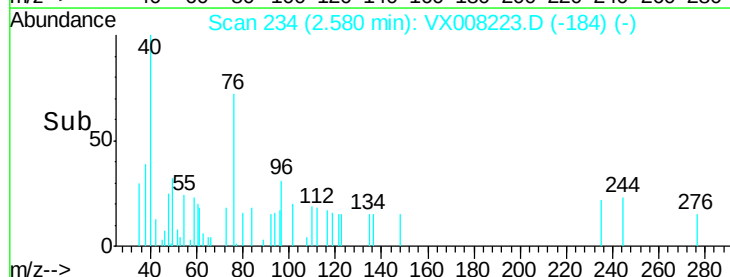
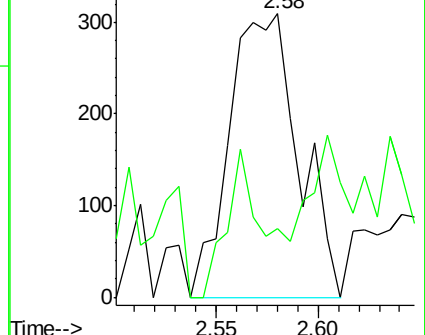
76 100

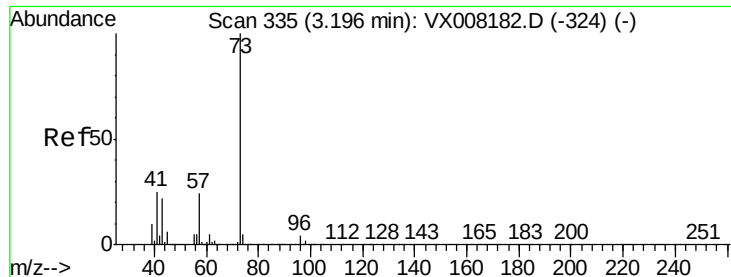
78 24.3 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



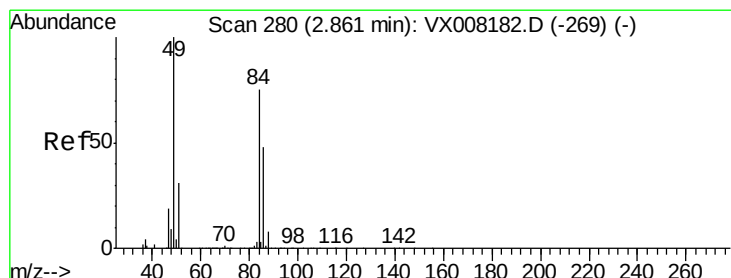
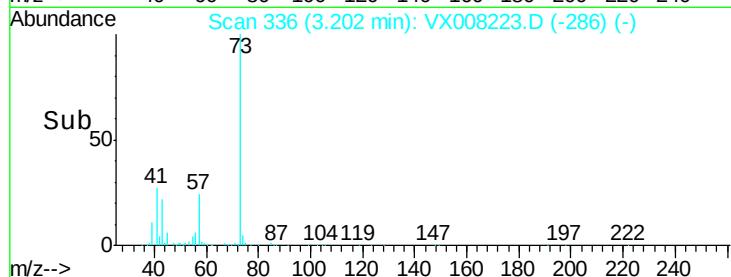
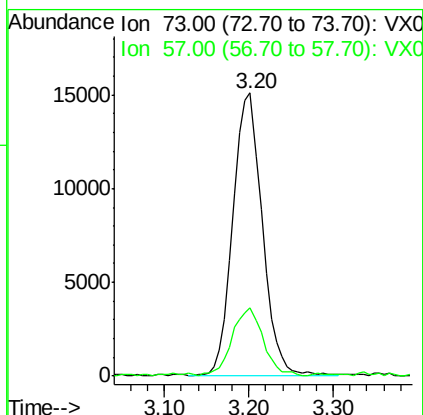
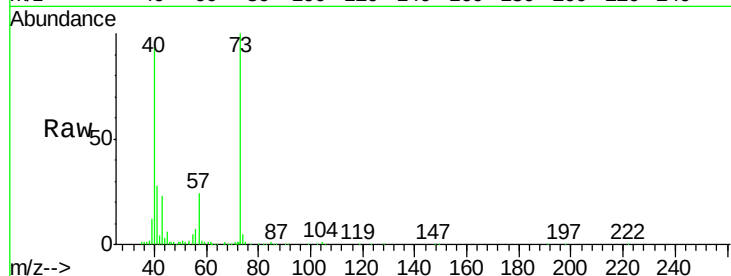


#19

Methyl tert-butyl Ether
 Concen: 2.480 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.01 min
 Lab File: VX008223.D
 Acq: 20 Mar 2019 05:42

Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T0-OZ(PRE)

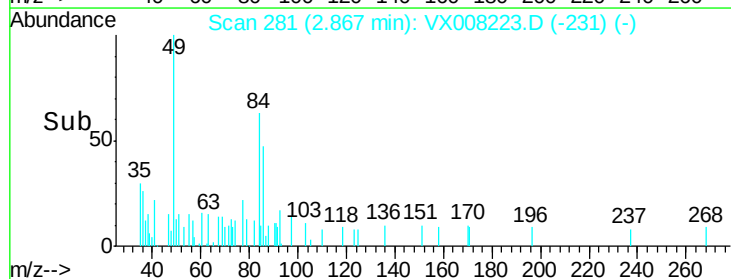
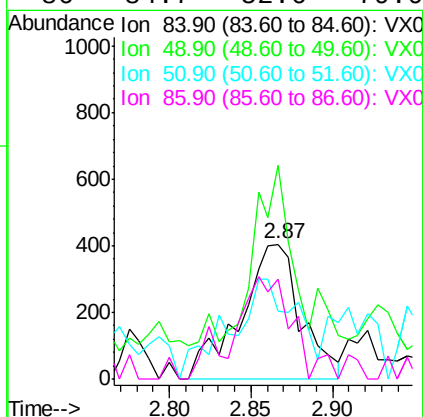
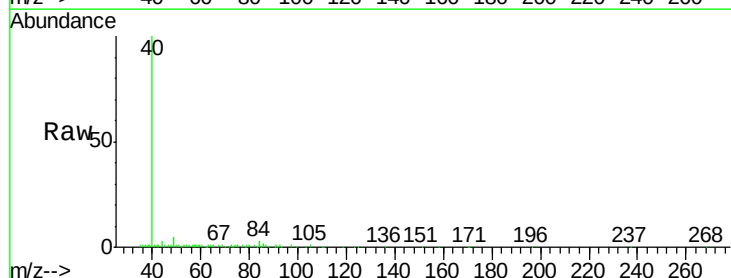
Tot Ion: 73 Resp: 35875
 Ion Ratio Lower Upper
 73 100
 57 23.7 18.2 27.4

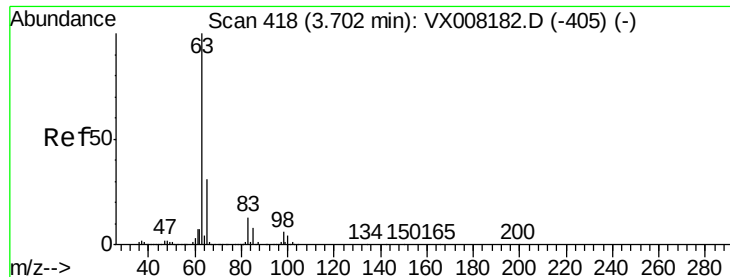


#20

Methylene Chloride
 Concen: 0.222 ug/l
 RT: 2.87 min Scan# 281
 Delta R.T. 0.01 min
 Lab File: VX008223.D
 Acq: 20 Mar 2019 05:42

Tgt Ion: 84 Resp: 1043
 Ion Ratio Lower Upper
 84 100
 49 153.3 99.3 148.9#
 51 32.3 31.3 46.9
 86 84.7 52.6 79.0#





#24

1,1-Dichloroethane

Concen: 1.110 ug/l

RT: 3.71 min Scan# 419

Delta R.T. 0.01 min

Lab File: VX008223.D

Acq: 20 Mar 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

M3-T0-OZ(PRE)

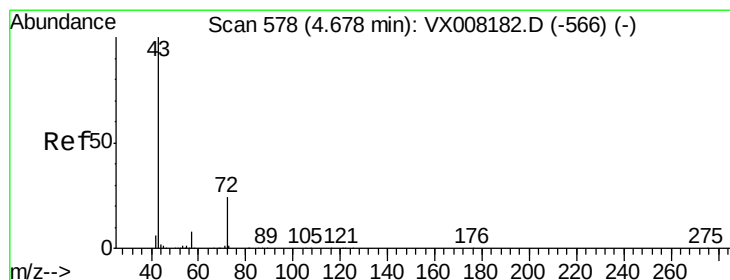
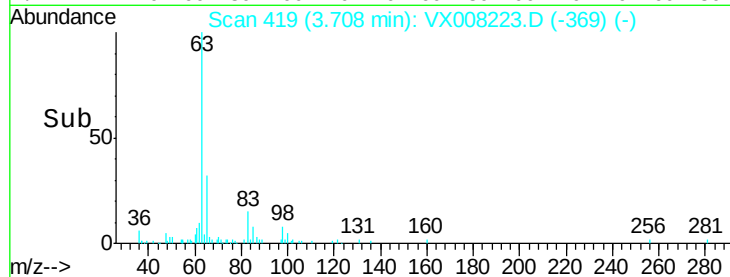
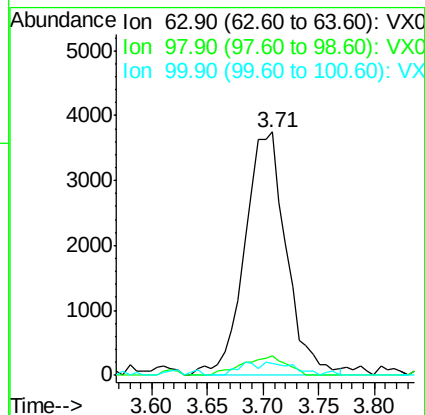
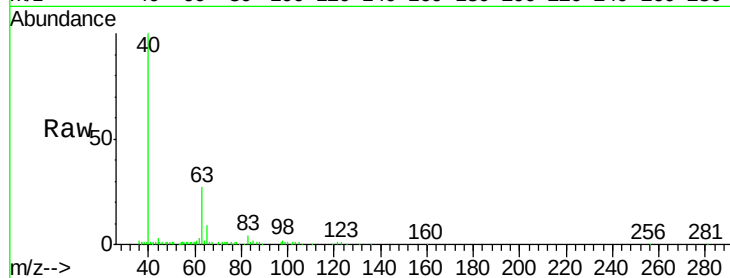
Tot Ion: 63 Resp: 9740

Ion Ratio Lower Upper

63 100

98 9.8 3.3 9.8#

100 4.8 2.3 6.8



#25

2-Butanone

Concen: 2.489 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.01 min

Lab File: VX008223.D

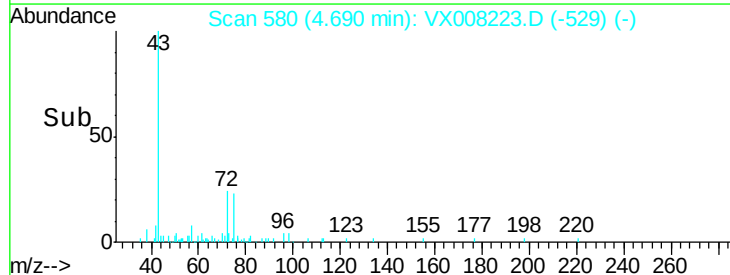
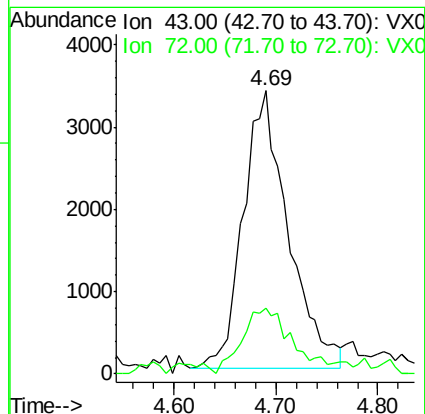
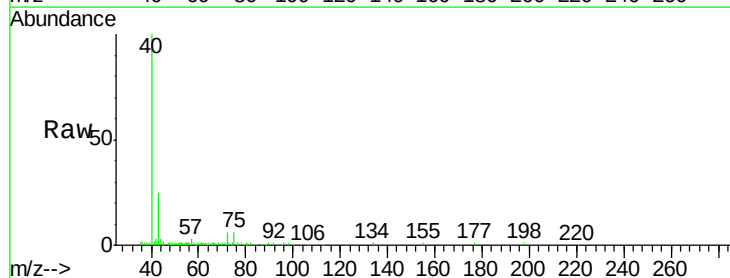
Acq: 20 Mar 2019 05:42

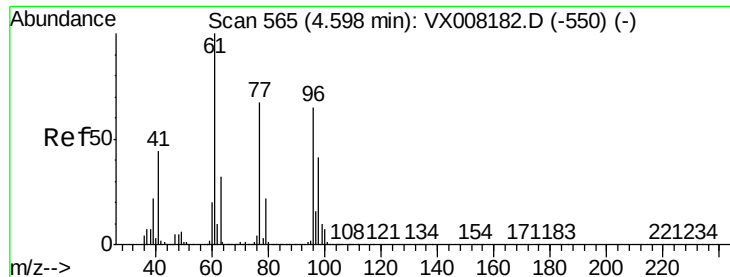
Tgt Ion: 43 Resp: 10349

Ion Ratio Lower Upper

43 100

72 20.5 19.9 29.9



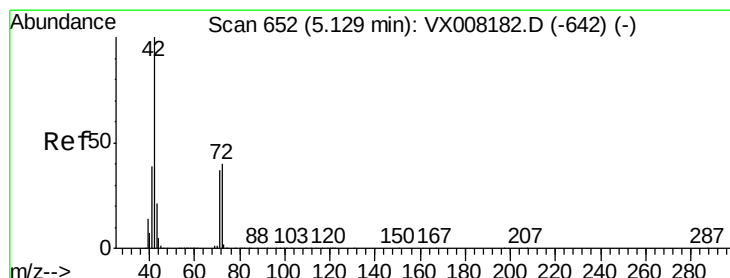
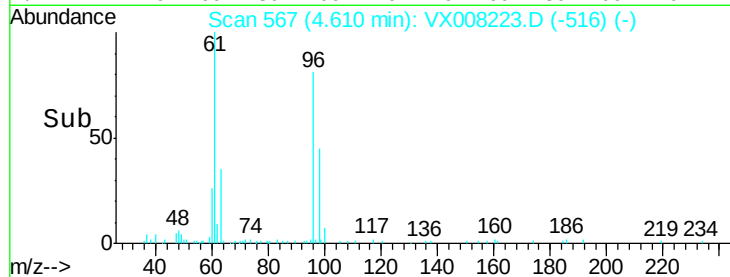
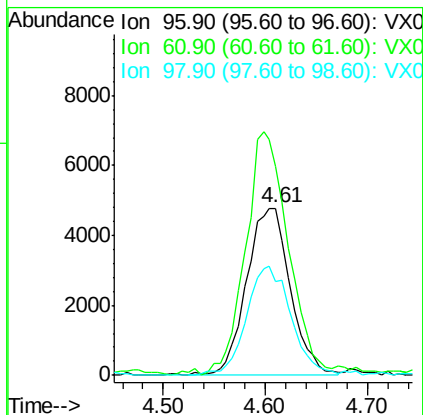
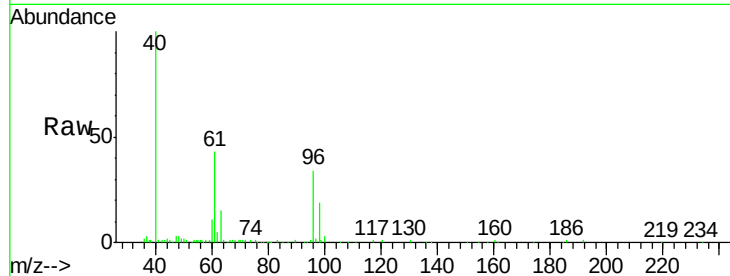


#27

cis-1,2-Dichloroethene
Concen: 2.900 ug/l
RT: 4.61 min Scan# 567
Delta R.T. 0.01 min
Lab File: VX008223.D
Acq: 20 Mar 2019 05:42

Instrument :
MSVOA_X
ClientSampleId :
M3-T0-OZ(PRE)

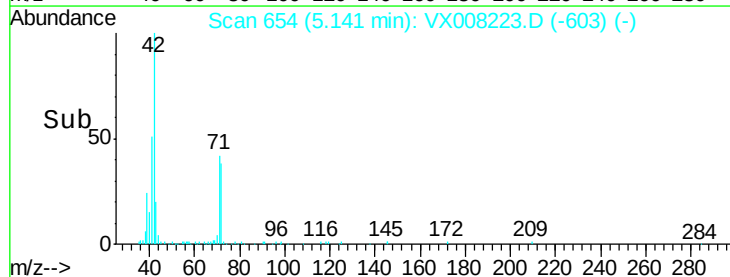
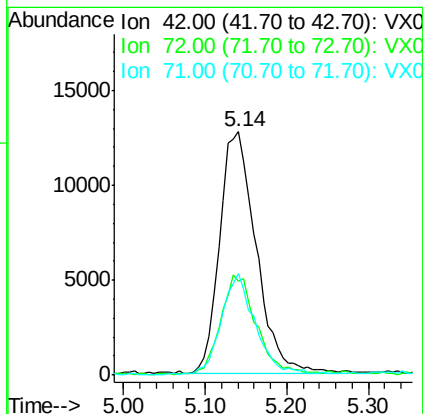
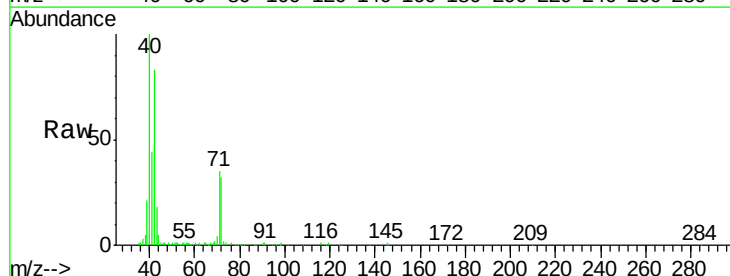
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	288.0
98	65.9	0.0	129.0

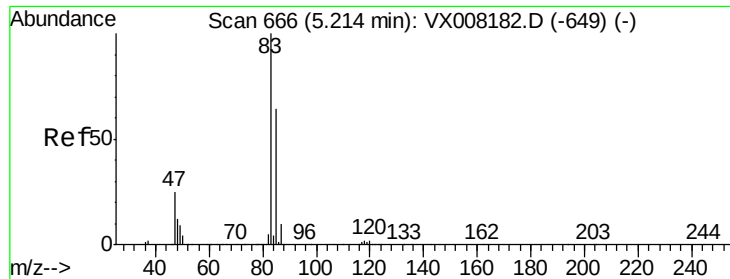


#29

Tetrahydrofuran
Concen: 15.199 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX008223.D
Acq: 20 Mar 2019 05:42

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.8	50.6
71	39.3	31.5	47.3

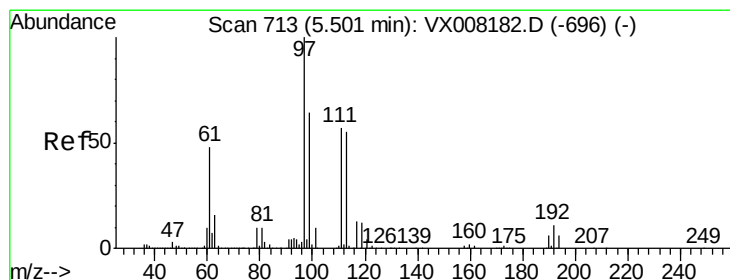
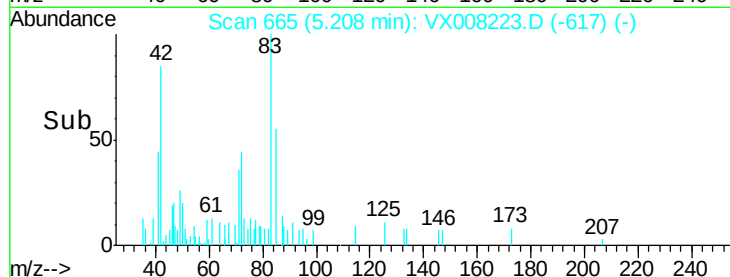
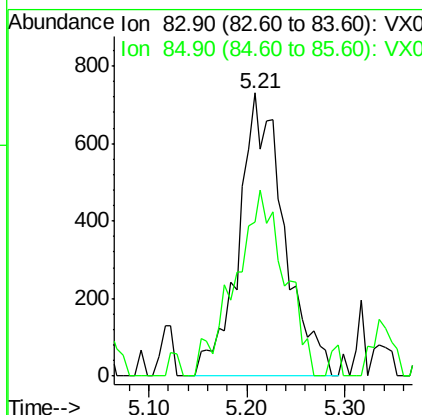
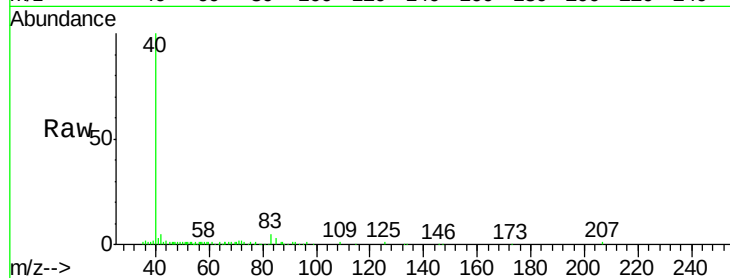




#30
Chloroform
Concen: 0.286 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008223.D
Acq: 20 Mar 2019 05:42

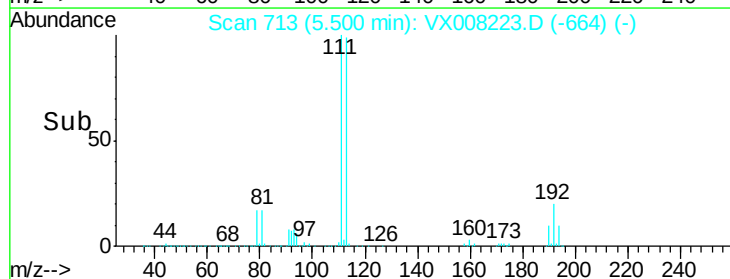
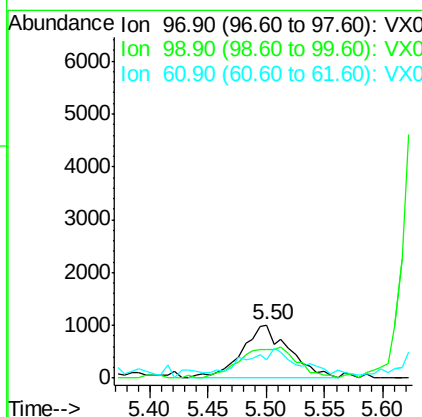
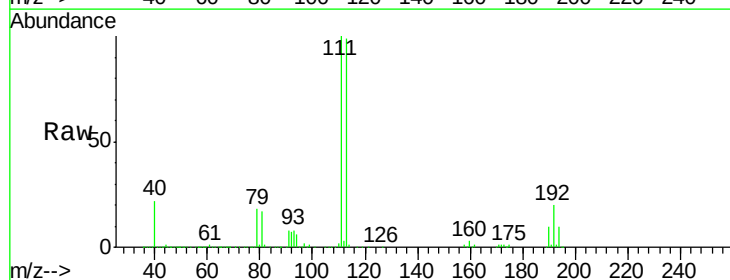
Instrument :
MSVOA_X
ClientSampleId :
M3-T0-OZ(PRE)

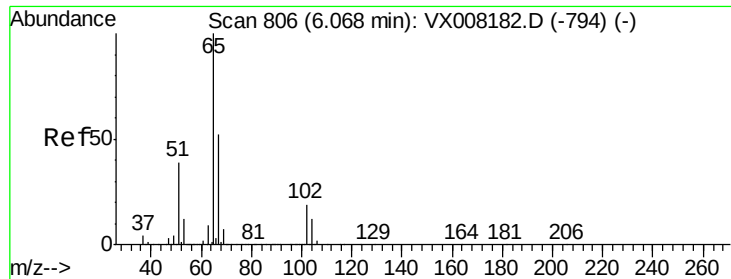
Tot Ion: 83 Resp: 2350
Ion Ratio Lower Upper
83 100
85 54.5 51.8 77.6



#32
1,1,1-Trichloroethane
Concen: 0.411 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008223.D
Acq: 20 Mar 2019 05:42

Tgt Ion: 97 Resp: 2804
Ion Ratio Lower Upper
97 100
99 0.0 52.2 78.2#
61 61.2 34.9 52.3#

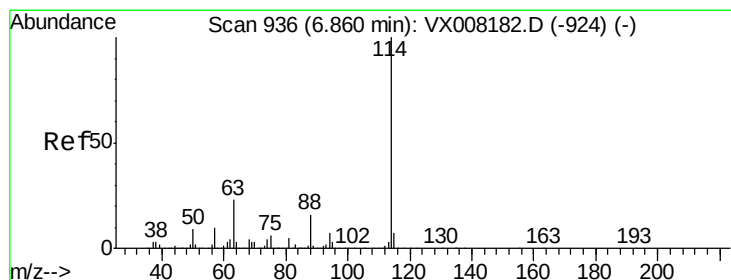
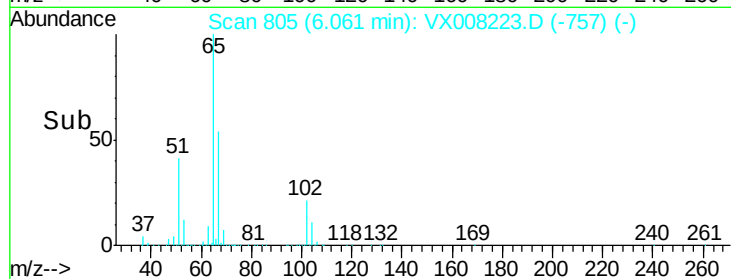
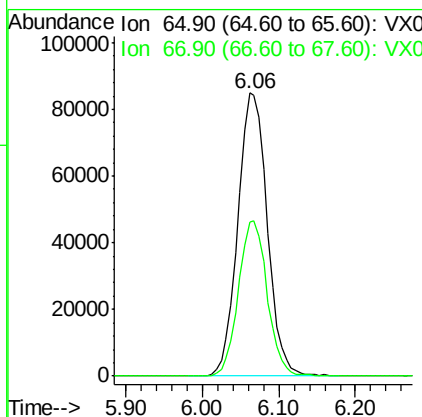
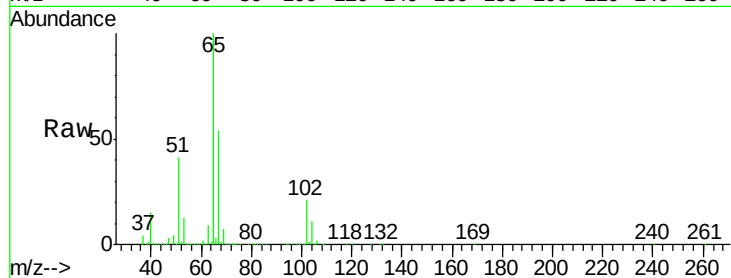




#33
 1,2-Dichloroethane-d4
 Concen: 45.526 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX008223.D
 Acq: 20 Mar 2019 05:42

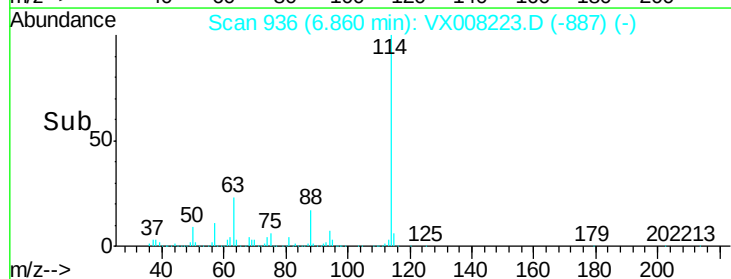
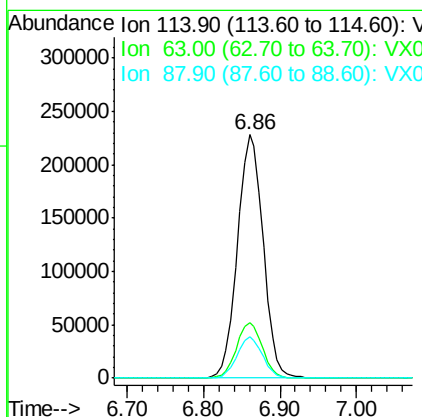
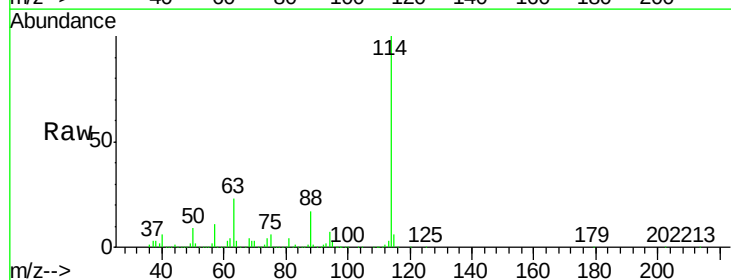
Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T0-OZ(PRE)

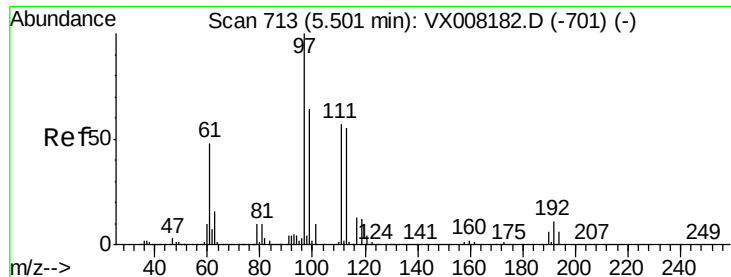
Tot Ion: 65 Resp: 226111
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008223.D
 Acq: 20 Mar 2019 05:42

Tgt Ion: 114 Resp: 530520
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 39.8
 88 16.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.921 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008223.D

Acq: 20 Mar 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

M3-T0-OZ(PRE)

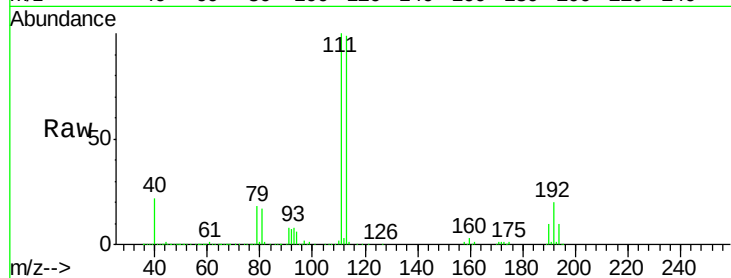
Tot Ion:113 Resp: 170191

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

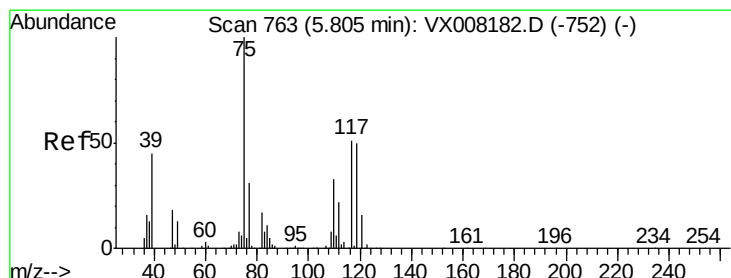
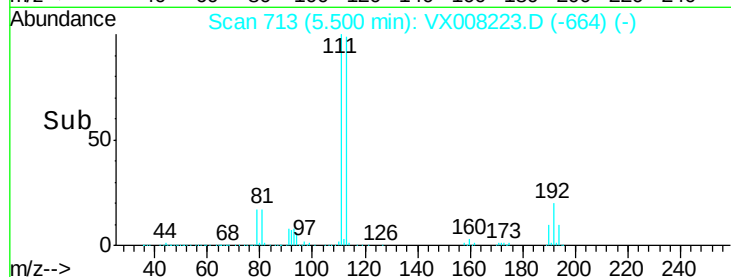
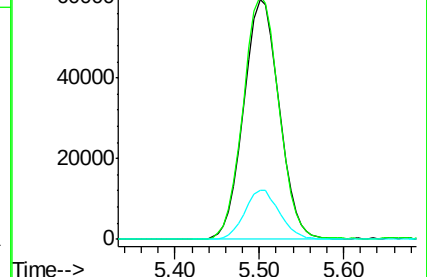
192 20.2 19.4 29.0



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: 4.451 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.14 min

Lab File: VX008223.D

Acq: 20 Mar 2019 05:42

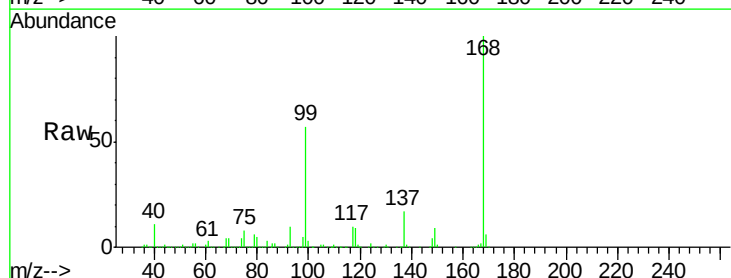
Tgt Ion: 75 Resp: 27490

Ion Ratio Lower Upper

75 100

110 9.8 18.4 55.0#

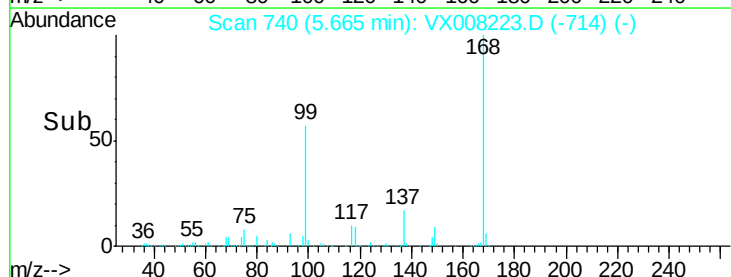
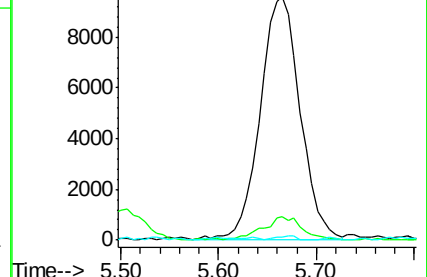
77 0.8 25.0 37.4#

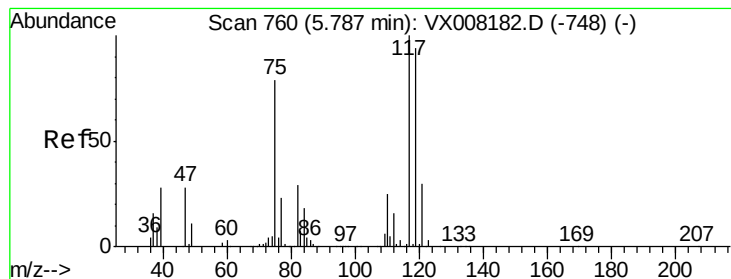


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.942 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008223.D

Acq: 20 Mar 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

M3-T0-OZ(PRE)

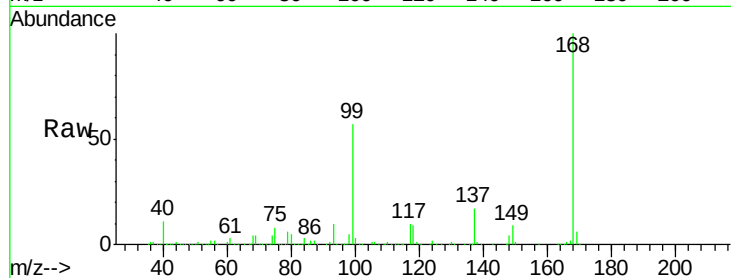
Tot Ion:117 Resp: 32702

Ion Ratio Lower Upper

117 100

119 5.1 76.2 114.2#

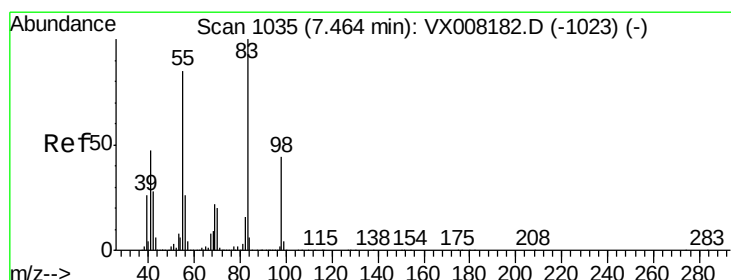
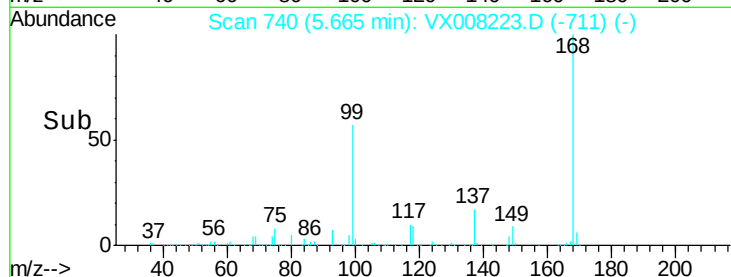
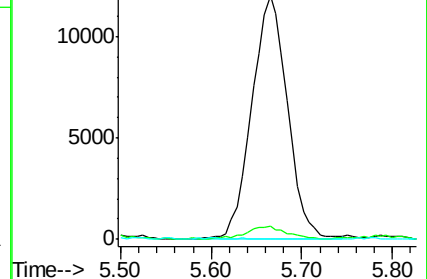
121 0.0 24.6 36.8#



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



#39

Methylcyclohexane

Concen: 1.206 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.26 min

Lab File: VX008223.D

Acq: 20 Mar 2019 05:42

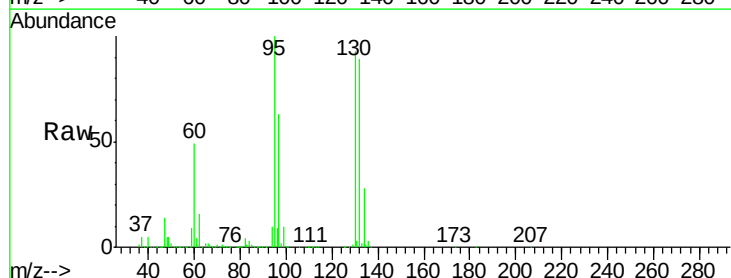
Tgt Ion: 83 Resp: 8962

Ion Ratio Lower Upper

83 100

55 1.9 60.4 90.6#

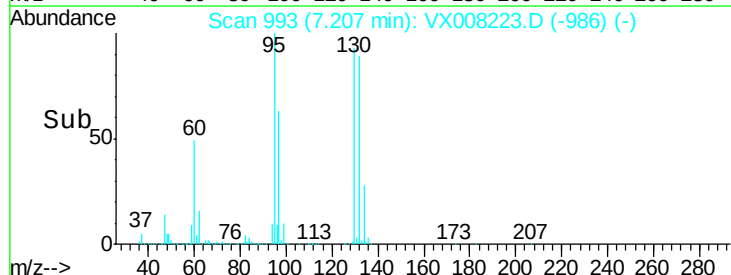
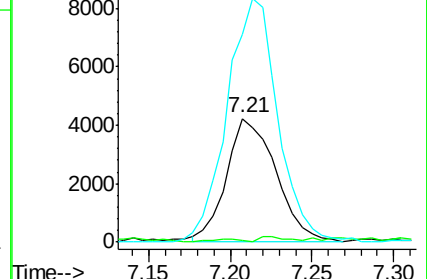
98 166.5 36.5 54.7#

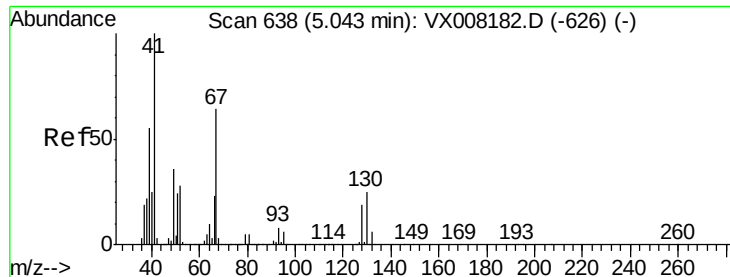


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#41

Methacrylonitrile

Concen: 5.770 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.09 min

Lab File: VX008223.D

Acq: 20 Mar 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

M3-T0-OZ(PRE)

Tot Ion: 41 Resp: 23631

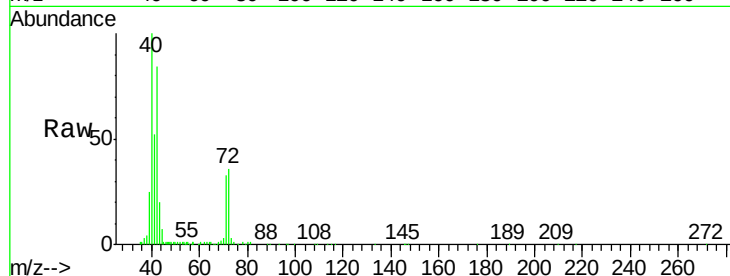
Ion Ratio Lower Upper

41 100

39 45.0 41.6 62.4

67 0.4 55.8 83.6#

52 0.7 21.7 32.5#

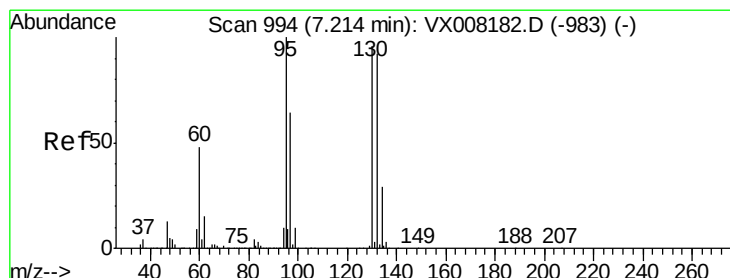
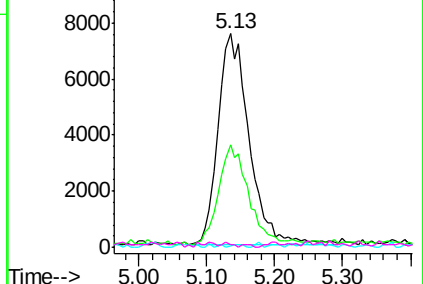
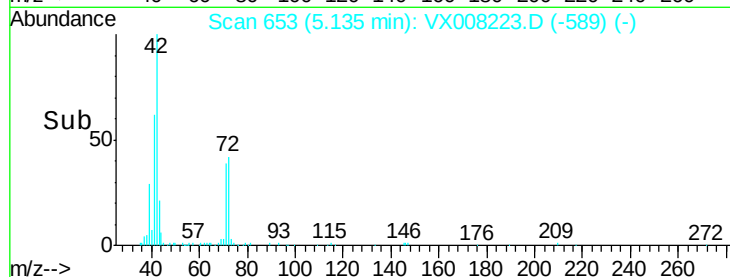


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#44

Trichloroethene

Concen: 156.272 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008223.D

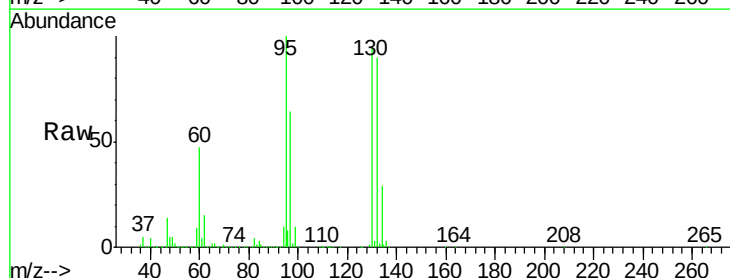
Acq: 20 Mar 2019 05:42

Tgt Ion:130 Resp: 698542

Ion Ratio Lower Upper

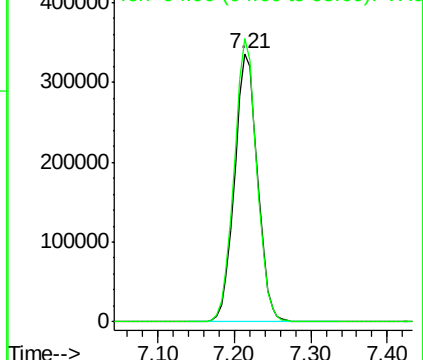
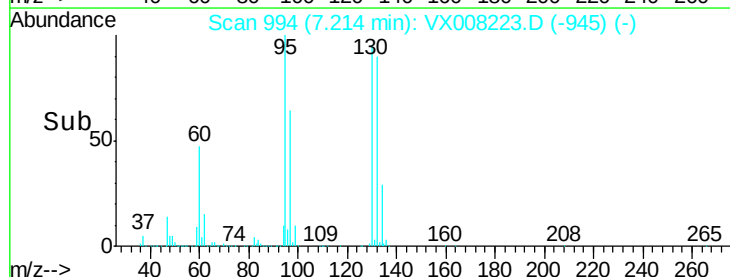
130 100

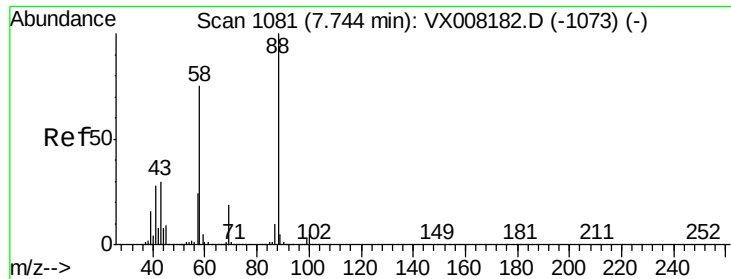
95 105.5 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

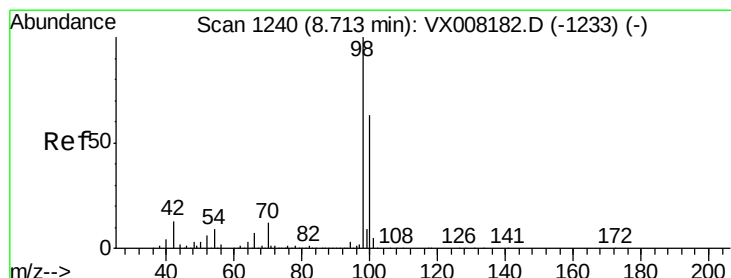
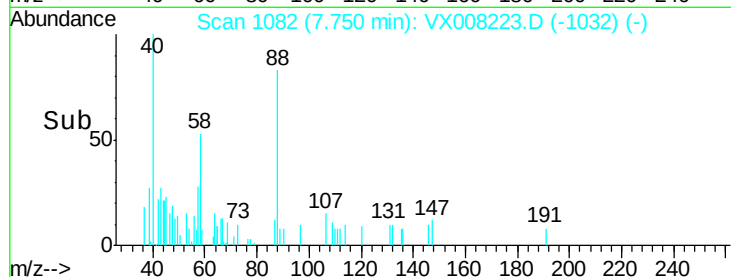
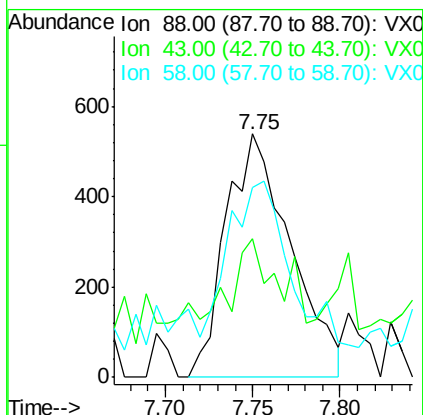
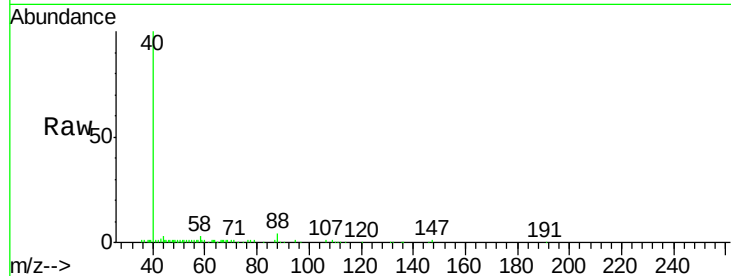




#49
1,4-Dioxane
Concen: 12.658 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX008223.D
Acq: 20 Mar 2019 05:42

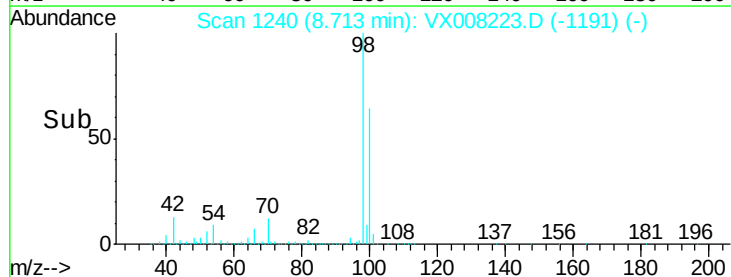
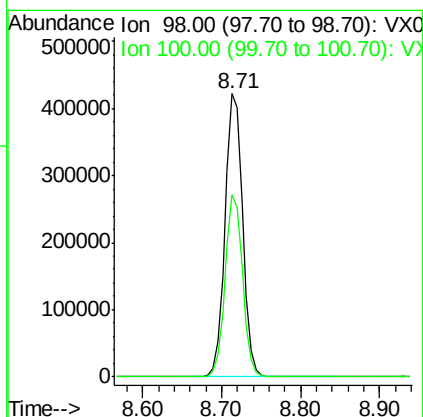
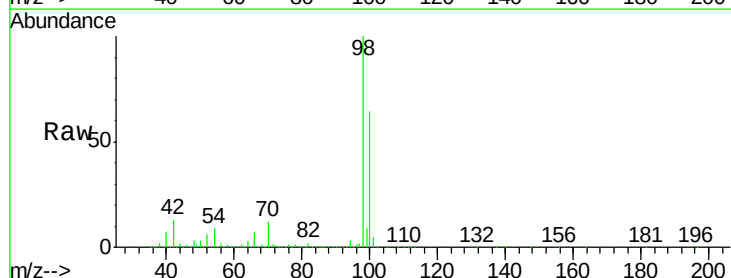
Instrument :
MSVOA_X
ClientSampleId :
M3-T0-OZ(PRE)

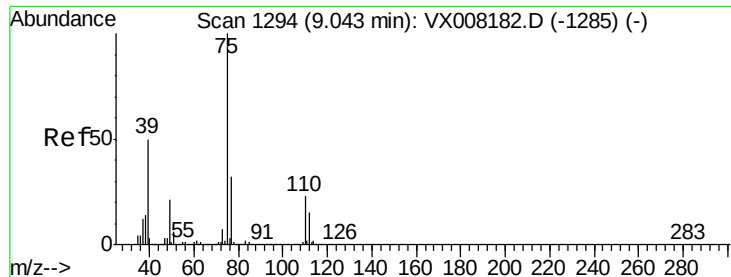
Tot Ion: 88 Resp: 1390
Ion Ratio Lower Upper
88 100
43 38.4 25.1 37.7#
58 68.1 57.8 86.6



#50
Toluene-d8
Concen: 48.590 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008223.D
Acq: 20 Mar 2019 05:42

Tgt Ion: 98 Resp: 654257
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5





#53

t-1,3-Dichloropropene

Concen: 1.436 ug/l

RT: 9.03 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX008223.D

Acq: 20 Mar 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

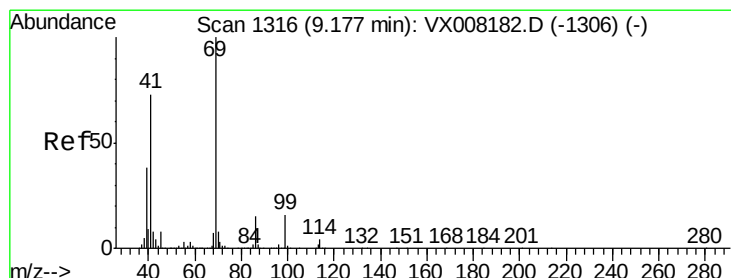
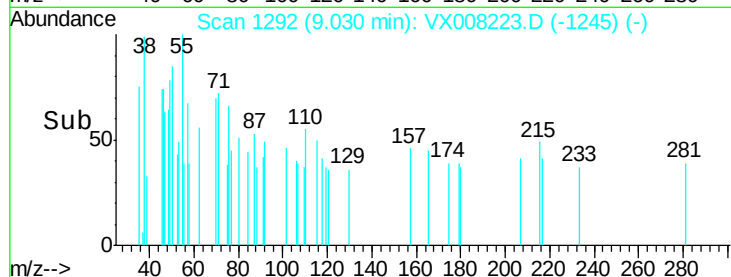
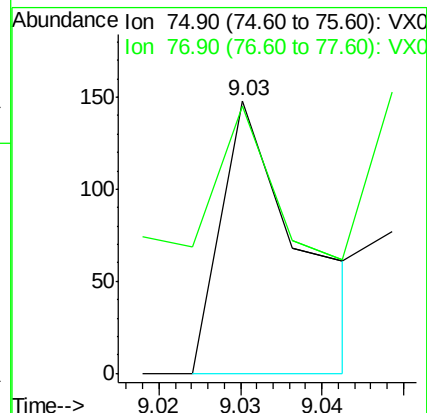
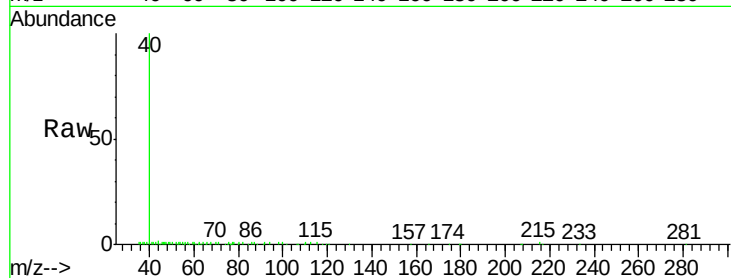
M3-T0-OZ(PRE)

Tot Ion: 75 Resp: 101

Ion Ratio Lower Upper

75 100

77 51.4 25.4 38.0#



#56

Ethyl methacrylate

Concen: 0.536 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX008223.D

Acq: 20 Mar 2019 05:42

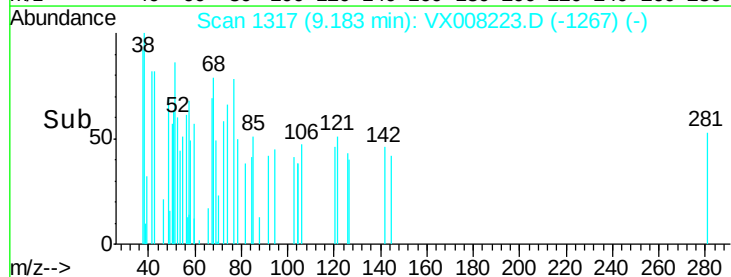
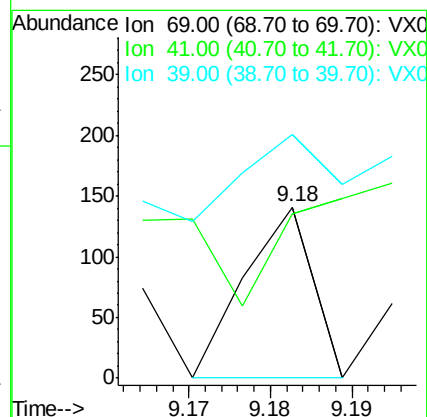
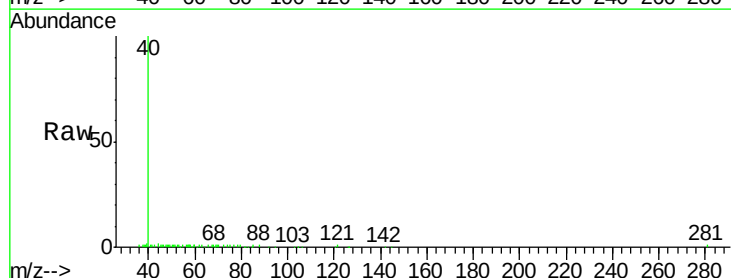
Tgt Ion: 69 Resp: 82

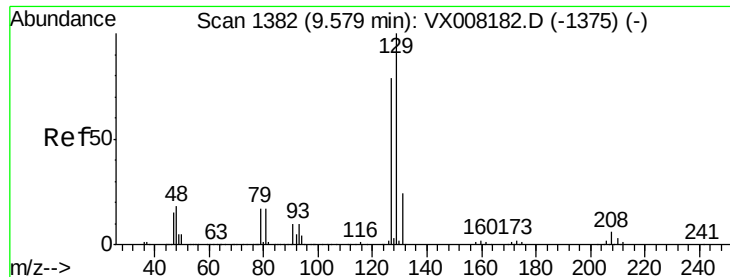
Ion Ratio Lower Upper

69 100

41 173.2 54.2 81.4#

39 139.0 25.0 37.4#





#60

Dibromochloromethane

Concen: 6.877 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.24 min

Lab File: VX008223.D

Acq: 20 Mar 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

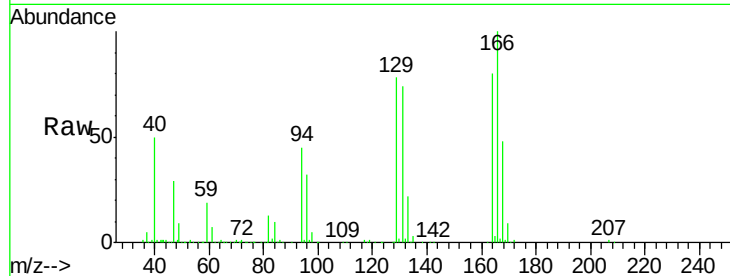
M3-T0-OZ(PRE)

Tot Ion:129 Resp: 28962

Ion Ratio Lower Upper

129 100

127 0.3 38.3 114.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.34

20000

15000

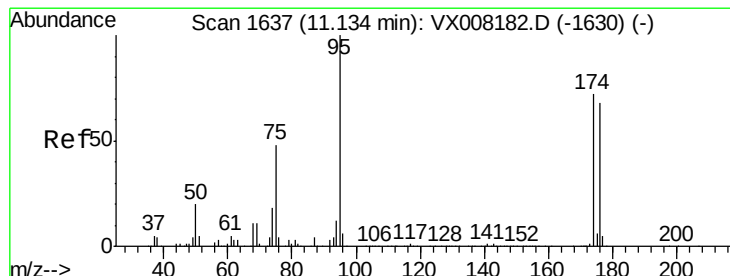
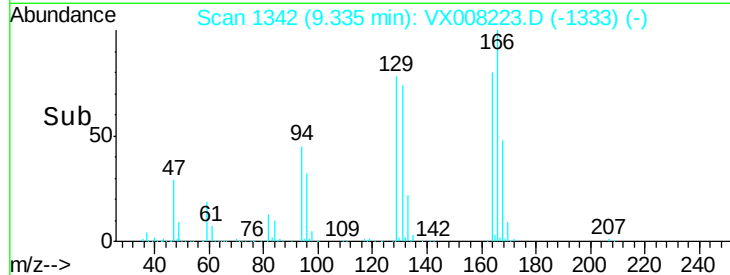
10000

5000

0

Time-->

9.30 9.35 9.40



#62

4-Bromofluorobenzene

Concen: 43.307 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008223.D

Acq: 20 Mar 2019 05:42

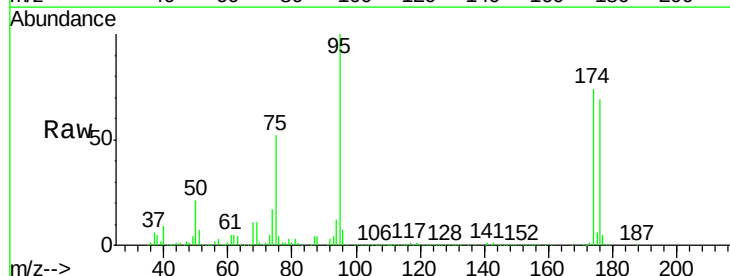
Tgt Ion: 95 Resp: 200780

Ion Ratio Lower Upper

95 100

174 79.3 0.0 182.8

176 76.0 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

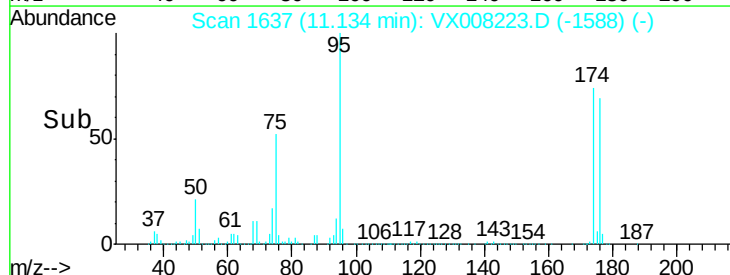
100000

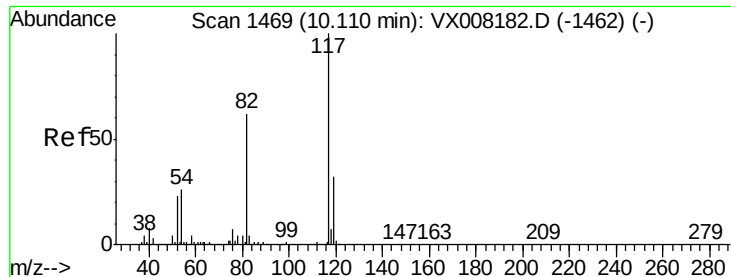
50000

0

Time-->

11.10 11.20

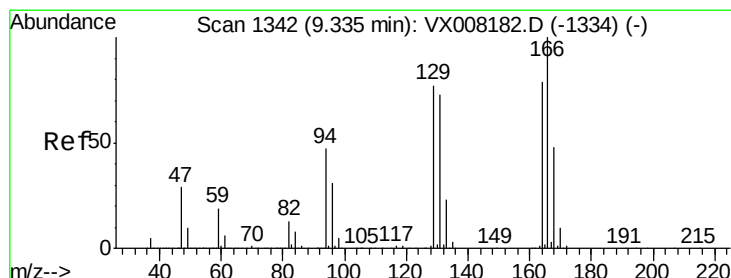
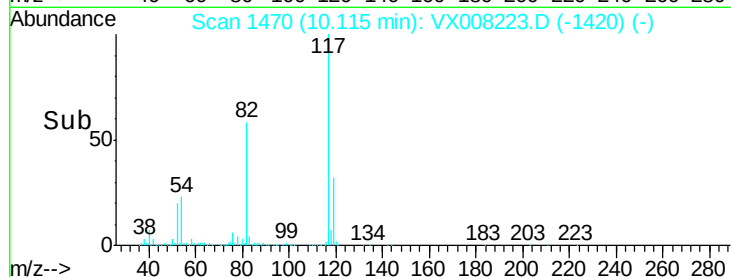
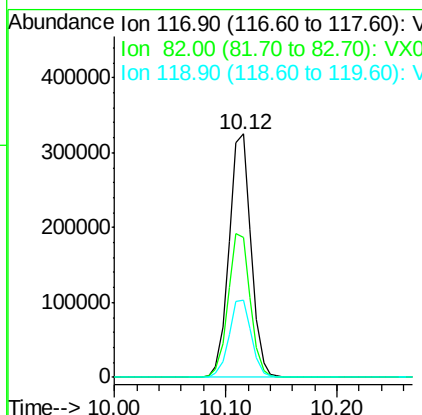
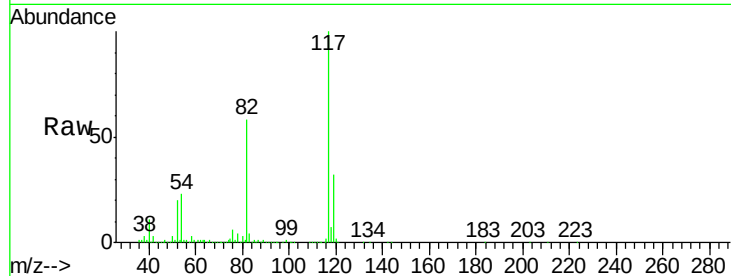




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008223.D
Acq: 20 Mar 2019 05:42

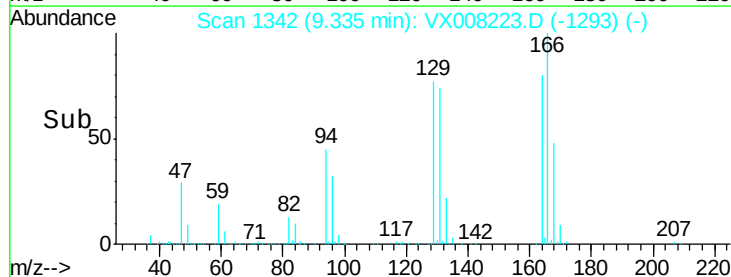
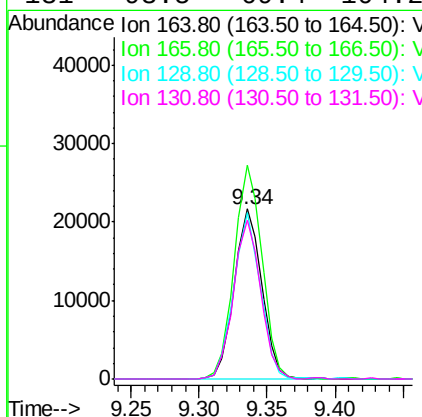
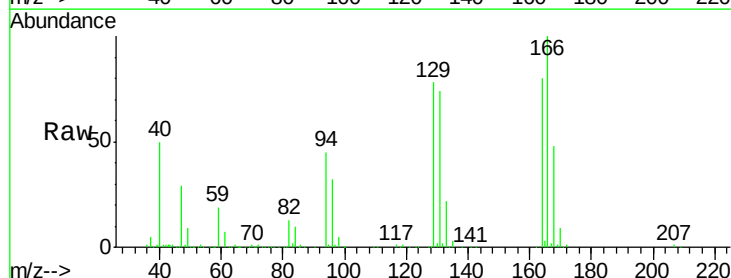
Instrument :
MSVOA_X
ClientSampleId :
M3-T0-OZ(PRE)

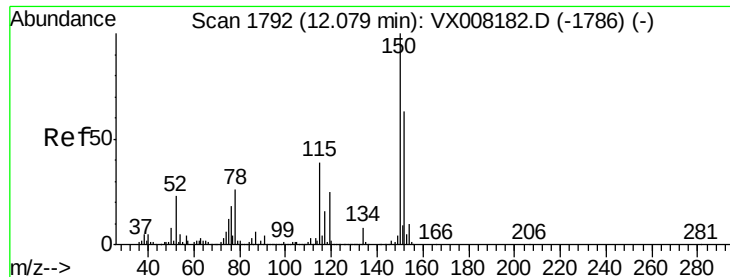
Tot Ion:117 Resp: 441958
Ion Ratio Lower Upper
117 100
82 57.6 44.3 66.5
119 31.6 25.3 37.9



#64
Tetrachloroethene
Concen: 7.707 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008223.D
Acq: 20 Mar 2019 05:42

Tgt Ion:164 Resp: 30731
Ion Ratio Lower Upper
164 100
166 125.5 103.4 155.0
129 97.5 72.2 108.4
131 93.5 69.4 104.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008223.D

Acq: 20 Mar 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

M3-T0-OZ(PRE)

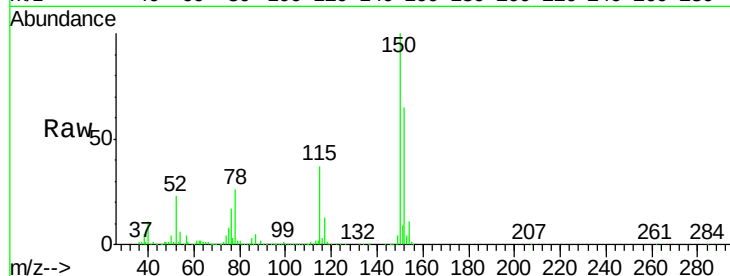
Tot Ion:152 Resp: 168768

Ion Ratio Lower Upper

152 100

115 60.0 38.6 115.7

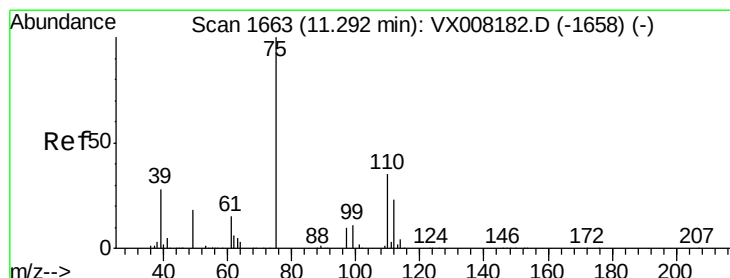
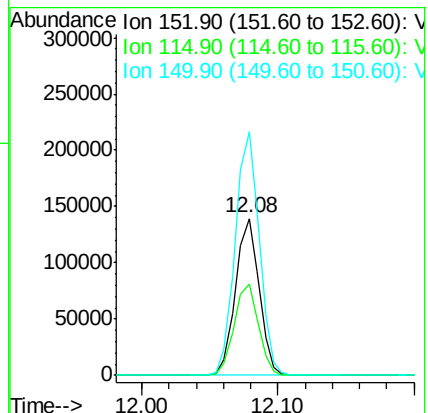
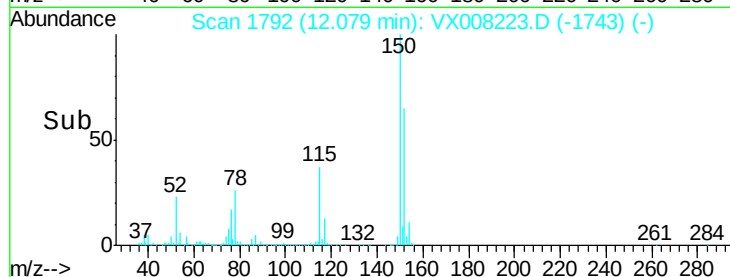
150 157.8 0.0 348.4



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: 22.086 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008223.D

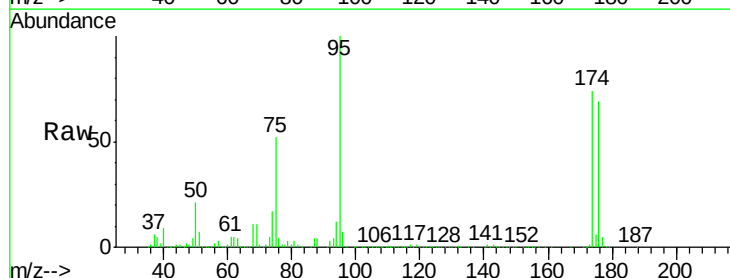
Acq: 20 Mar 2019 05:42

Tgt Ion: 75 Resp: 104839

Ion Ratio Lower Upper

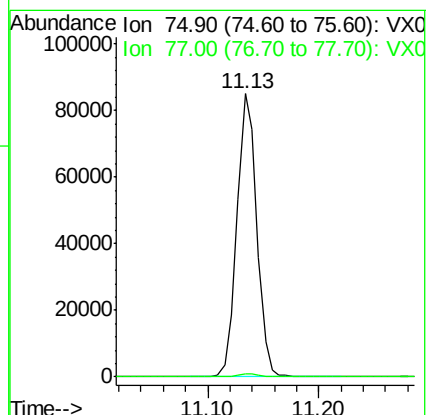
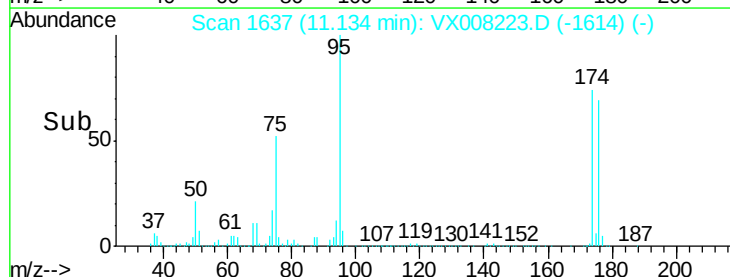
75 100

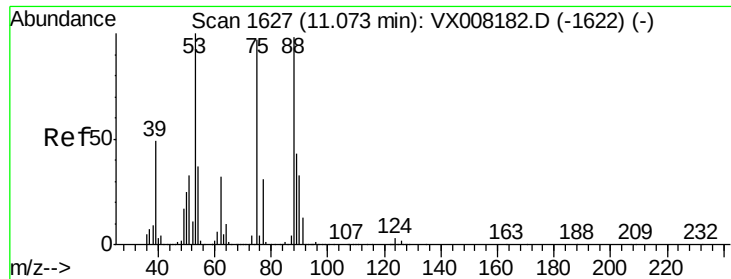
77 1.5 18.9 56.7#



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: 56.123 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008223.D

Acq: 20 Mar 2019 05:42

Instrument :

MSVOA_X

ClientSampleId :

M3-T0-OZ(PRE)

Tot Ion: 75 Resp: 104839

Ion Ratio Lower Upper

75 100

53 0.0 76.1 114.1#

89 0.0 36.3 54.5#

