

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101118\
 Data File : VX005265.D
 Acq On : 11 Oct 2018 20:27
 Operator : JC/MD
 Sample : J5393-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 12 07:11:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

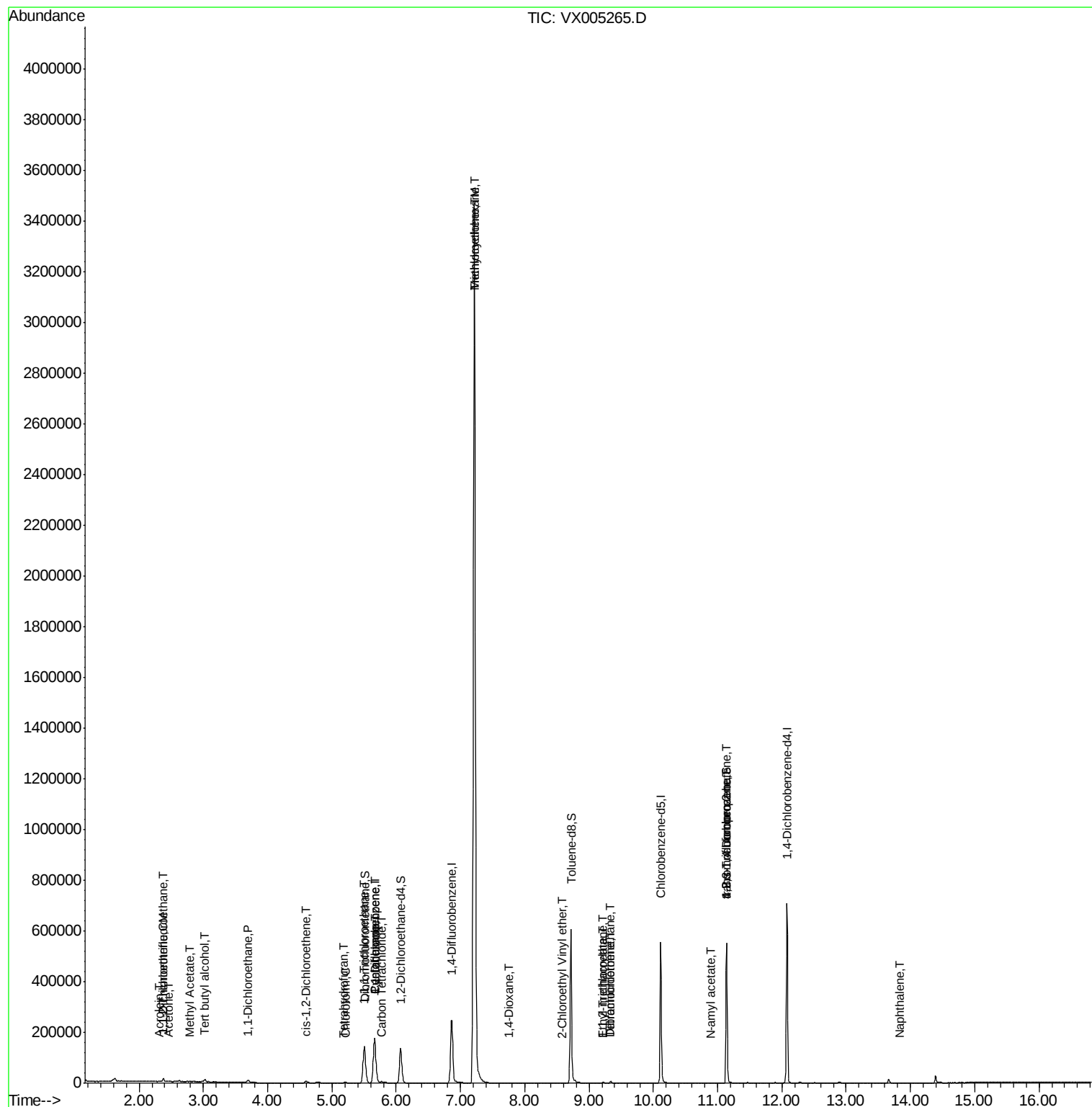
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	181708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	258129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	263286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148825	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	130951	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
35) Dibromofluoromethane	5.51	113	120936	55.28	ug/l	0.01
Spiked Amount 50.000			Recovery	=	110.56%	
50) Toluene-d8	8.72	98	385207	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
62) 4-Bromofluorobenzene	11.14	95	136746	52.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.38%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.73	64	786	Below Cal	#	48
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1577	0.793	ug/l	95
11) Tert butyl alcohol	3.01	59	5527	7.615	ug/l #	78
12) 1,1-Dichloroethene	2.37	96	3455	1.755	ug/l	93
13) Acrolein	2.31	56	455	0.881	ug/l #	49
16) Acetone	2.45	43	916	0.604	ug/l #	43
18) Methyl Acetate	2.78	43	846	0.220	ug/l #	90
20) Methylene Chloride	2.87	84	190	Below Cal	#	53
24) 1,1-Dichloroethane	3.70	63	7126	1.651	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	4095	1.701	ug/l	58
29) Tetrahydrofuran	5.18	42	686	0.494	ug/l #	47
30) Chloroform	5.21	83	2181	0.535	ug/l	95
31) Cyclohexane	5.66	56	3320	1.005	ug/l #	1
32) 1,1,1-Trichloroethane	5.49	97	1774	0.533	ug/l #	50
36) 1,1-Dichloropropene	5.66	75	13024	4.363	ug/l #	45
38) Carbon Tetrachloride	5.77	117	2632	0.839	ug/l #	87
39) Methylcyclohexane	7.21	83	15888	5.213	ug/l #	1
44) Trichloroethene	7.21	130	1388690	604.523	ug/l	96
49) 1,4-Dioxane	7.76	88	725	11.243	ug/l #	68
55) 1,1,2-Trichloroethane	9.22	97	991	0.441	ug/l	93
56) Ethyl methacrylate	9.22	69	22	2.868	ug/l #	60
58) 2-Chloroethyl Vinyl ether	8.58	63	19	14.251	ug/l #	49
60) Dibromochloromethane	9.33	129	1016	0.452	ug/l #	10
64) Tetrachloroethene	9.33	164	1244	0.480	ug/l #	91
74) N-amyl acetate	10.90	43	229	1.791	ug/l #	78
76) 1,2,3-Trichloropropane	11.14	75	68208	20.448	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	67	Below Cal	#	29
81) trans-1,4-Dichloro-2-buten	11.14	75	68208	55.540	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.80	105	211	Below Cal	#	31
95) Naphthalene	13.83	128	263	0.740	ug/l #	69

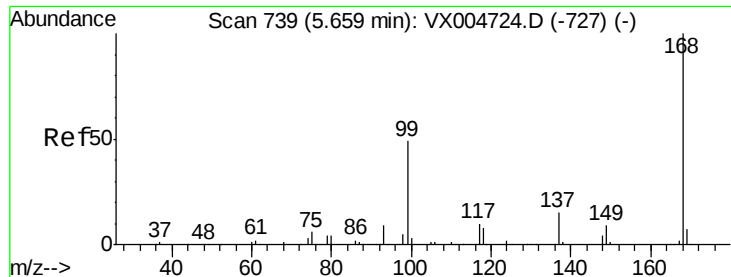
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

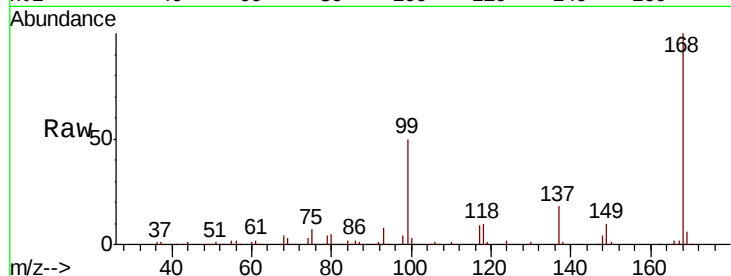
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 181708

Ion Ratio Lower Upper

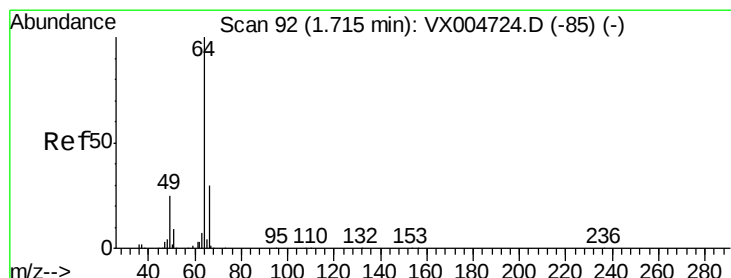
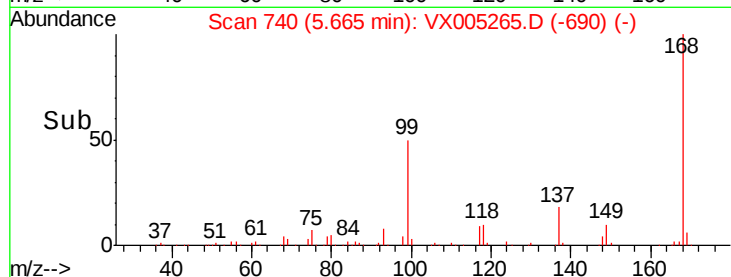
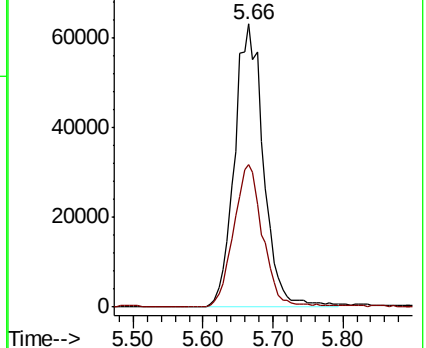
168 100

99 50.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.73 min Scan# 95

Delta R.T. 0.02 min

Lab File: VX005265.D

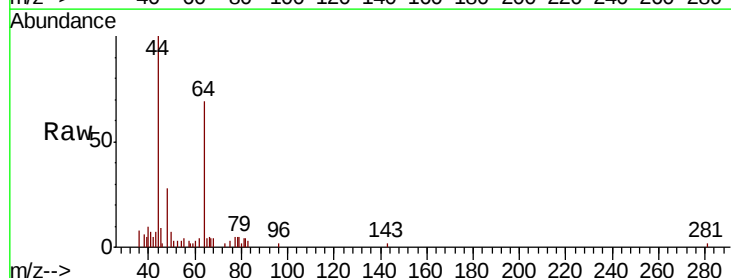
Acq: 11 Oct 2018 20:27

Tgt Ion: 64 Resp: 786

Ion Ratio Lower Upper

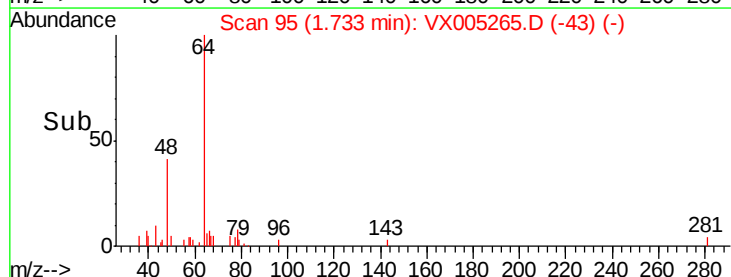
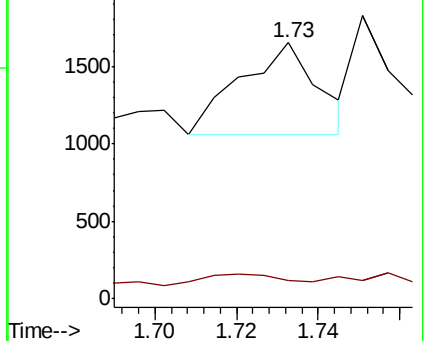
64 100

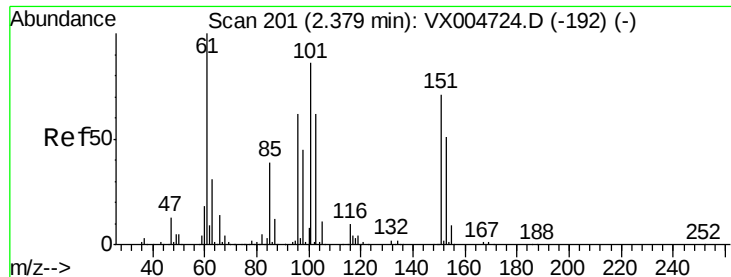
66 1.9 23.8 35.6#



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: 0.793 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

Instrument :

MSVOA_X

ClientSampled :

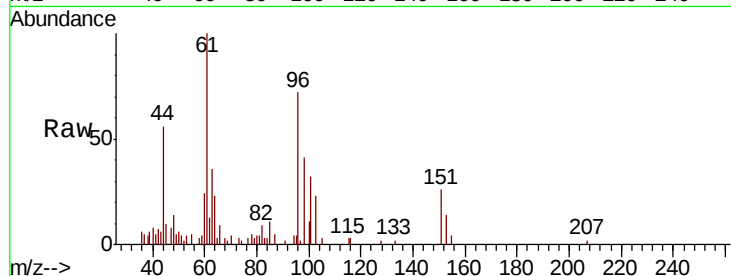
Tot Ion:101 Resp: 1577

Ion Ratio Lower Upper

101 100

85 47.4 35.9 53.9

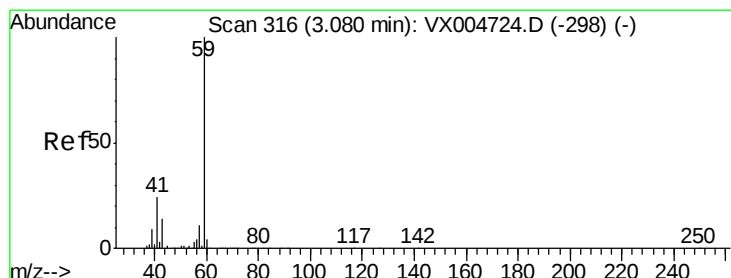
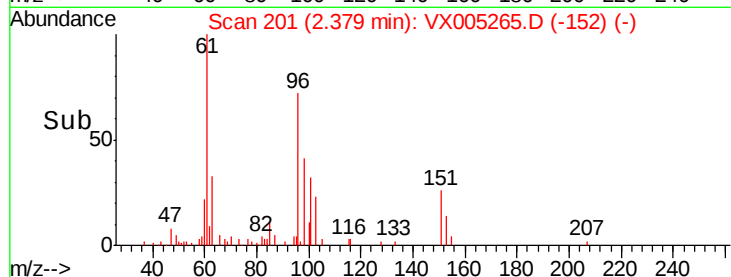
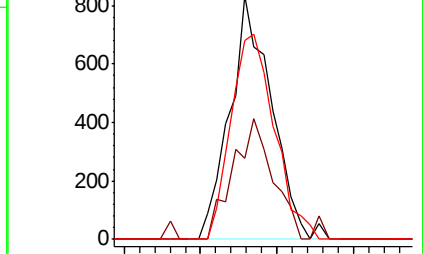
151 88.0 66.6 100.0



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: 7.615 ug/l

RT: 3.01 min Scan# 305

Delta R.T. -0.07 min

Lab File: VX005265.D

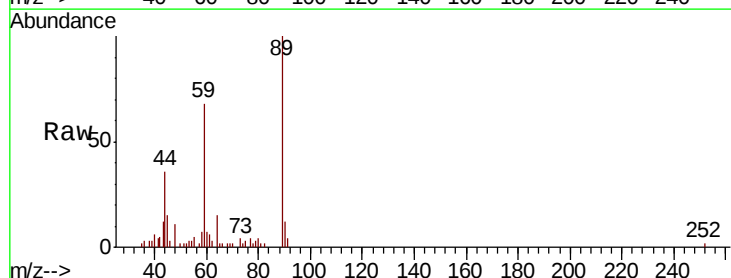
Acq: 11 Oct 2018 20:27

Tgt Ion: 59 Resp: 5527

Ion Ratio Lower Upper

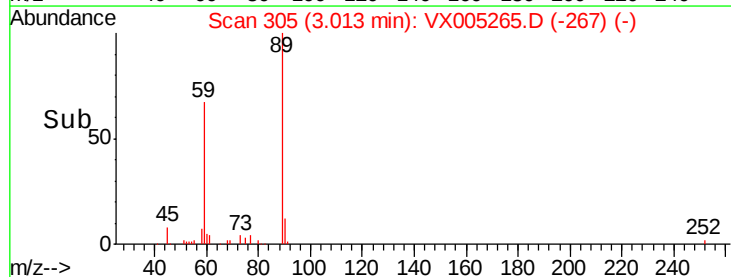
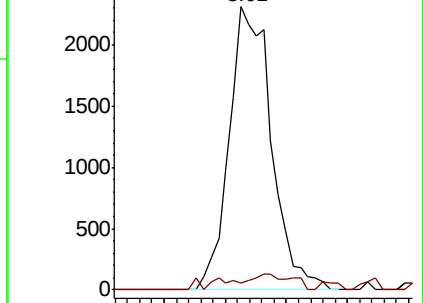
59 100

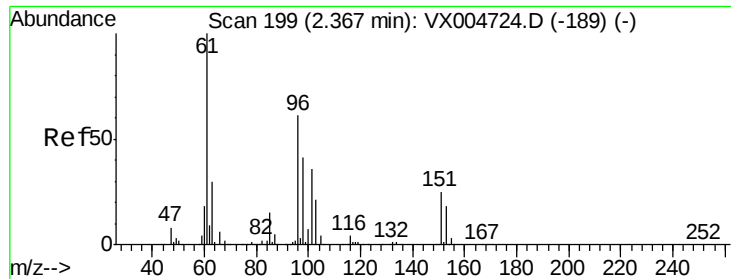
57 2.4 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 1.755 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

Instrument :

MSVOA_X

ClientSampled :

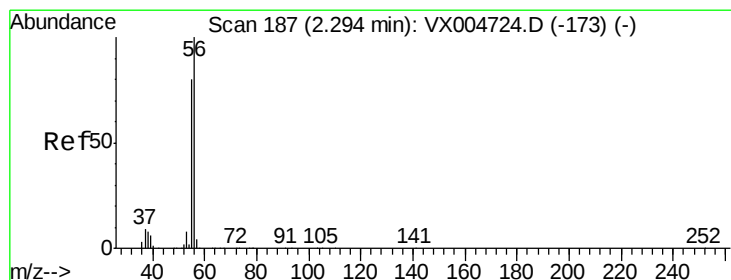
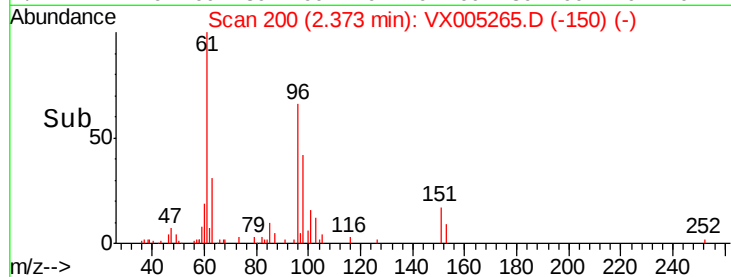
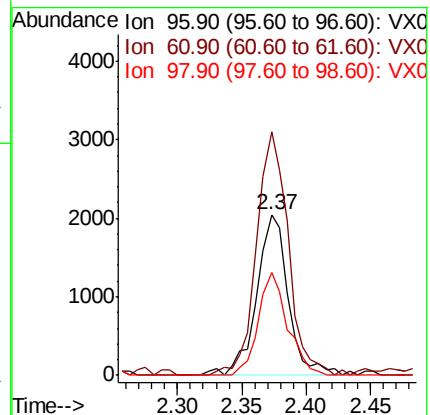
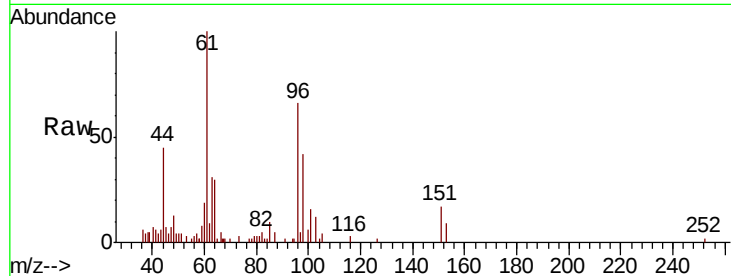
Tot Ion: 96 Resp: 3455

Ion Ratio Lower Upper

96 100

61 151.6 130.2 195.4

98 64.0 53.4 80.0



#13

Acrolein

Concen: 0.881 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.02 min

Lab File: VX005265.D

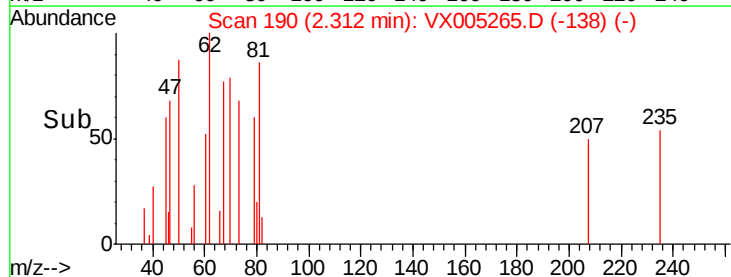
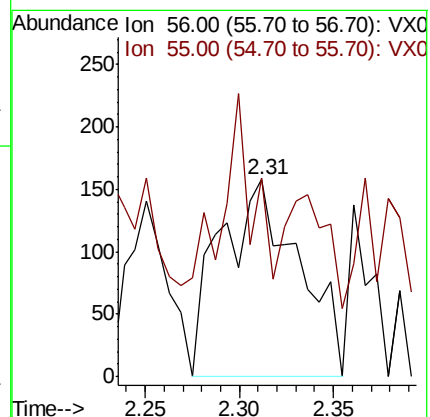
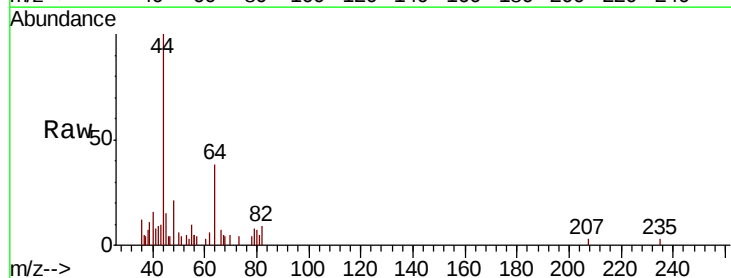
Acq: 11 Oct 2018 20:27

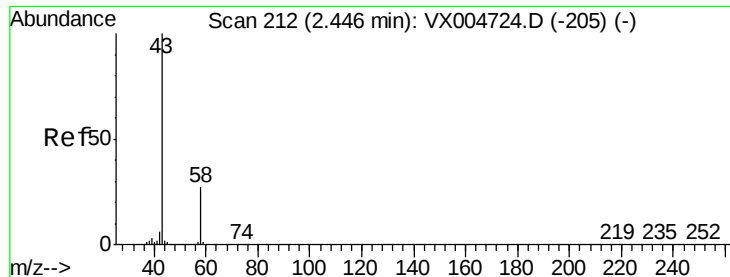
Tgt Ion: 56 Resp: 455

Ion Ratio Lower Upper

56 100

55 34.5 63.4 95.2#





#16

Acetone

Concen: 0.604 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

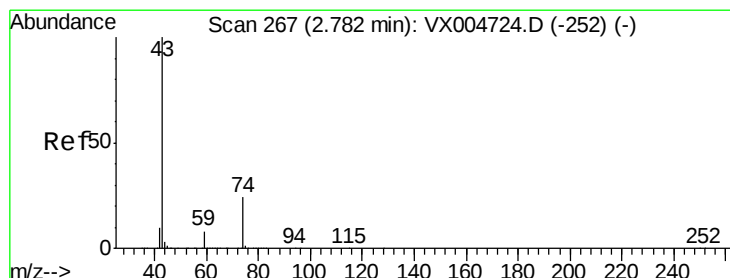
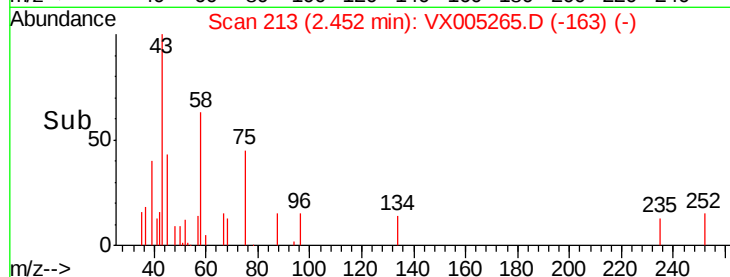
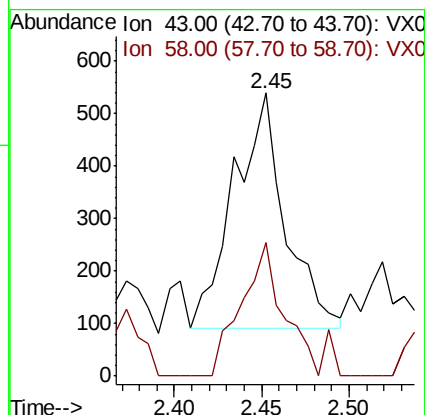
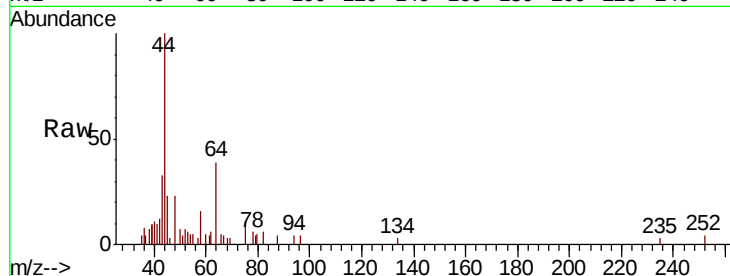
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 916

Ion Ratio Lower Upper

43 100

58 56.9 21.8 32.6#



#18

Methyl Acetate

Concen: 0.220 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005265.D

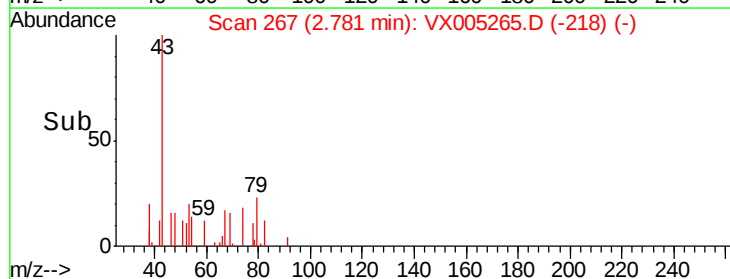
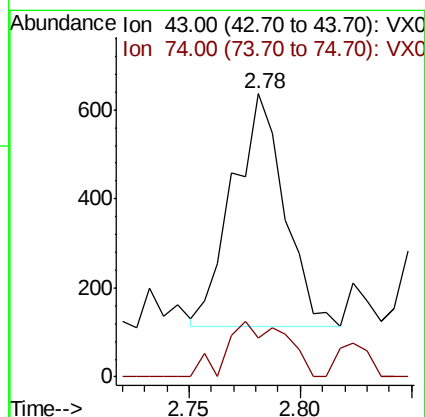
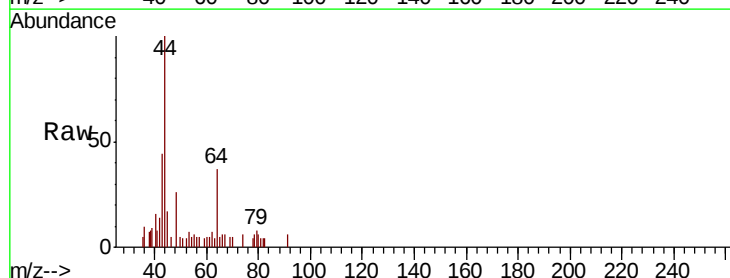
Acq: 11 Oct 2018 20:27

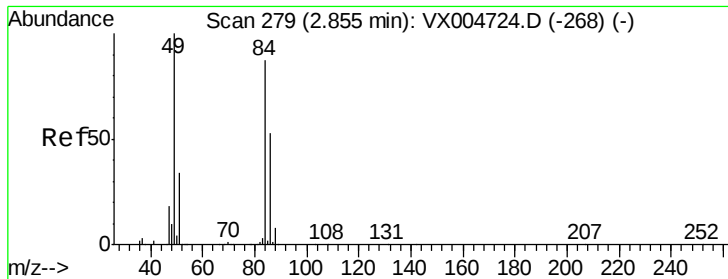
Tgt Ion: 43 Resp: 846

Ion Ratio Lower Upper

43 100

74 27.2 17.8 26.8#

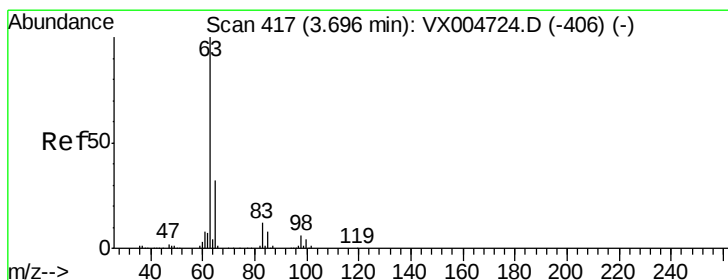
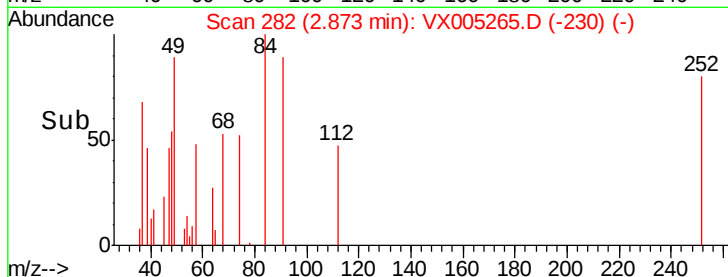
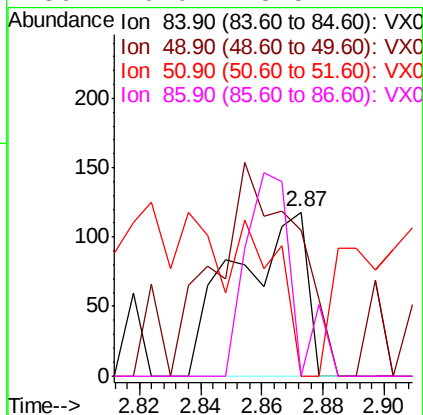
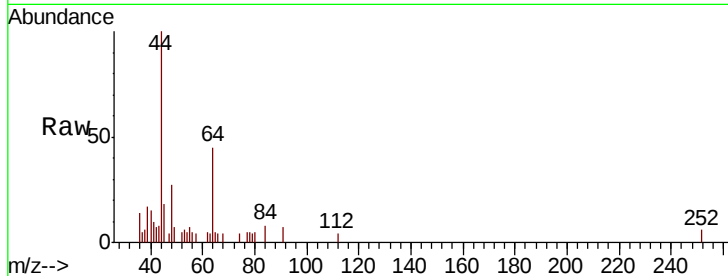




#20
Methylene Chloride
Concen: Below Cal
RT: 2.87 min Scan# 282
Delta R.T. 0.02 min
Lab File: VX005265.D
Acq: 11 Oct 2018 20:27

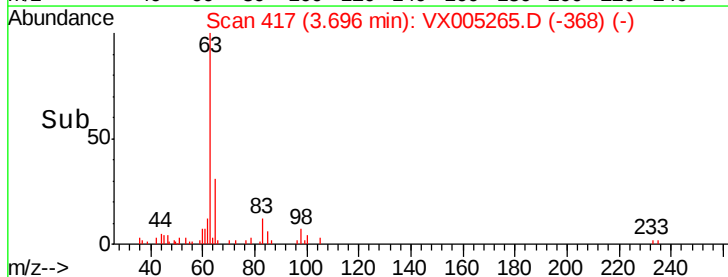
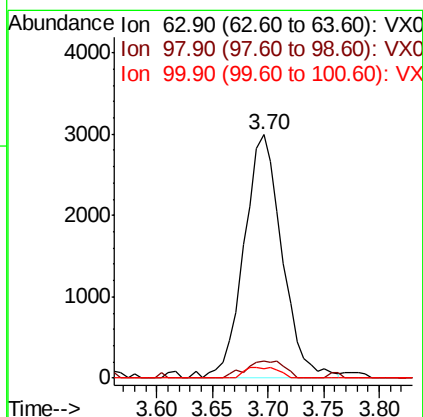
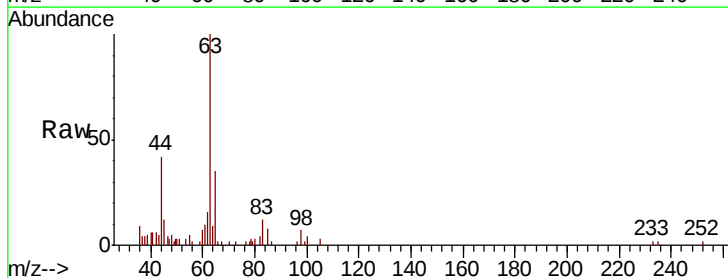
Instrument :
MSVOA_X
ClientSampled :

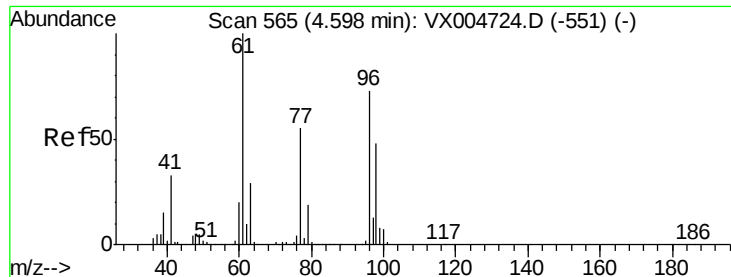
Tot Ion:	84	Resp:	190
Ion	Ratio	Lower	Upper
84	100		
49	89.0	92.3	138.5#
51	0.0	31.8	47.6#
86	0.0	48.5	72.7#



#24
1,1-Dichloroethane
Concen: 1.651 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX005265.D
Acq: 11 Oct 2018 20:27

Tgt Ion:	63	Resp:	7126
Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.0	9.2
100	3.9	2.0	5.8



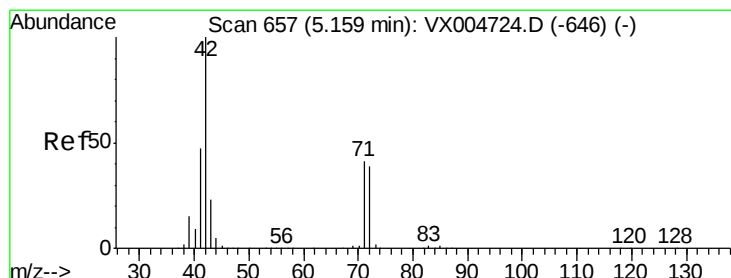
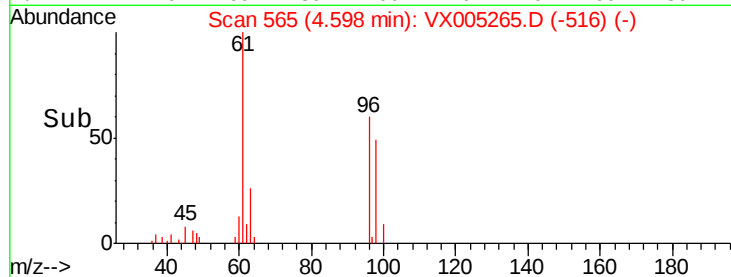
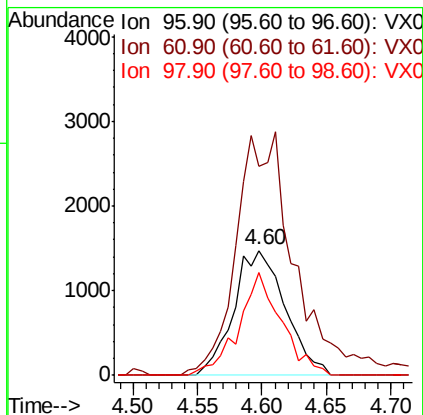
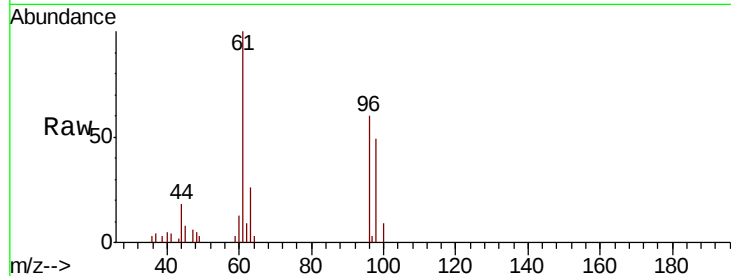


#27

cis-1,2-Dichloroethene
 Concen: 1.701 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX005265.D
 Acq: 11 Oct 2018 20:27

Instrument :
 MSVOA_X
 ClientSampled :

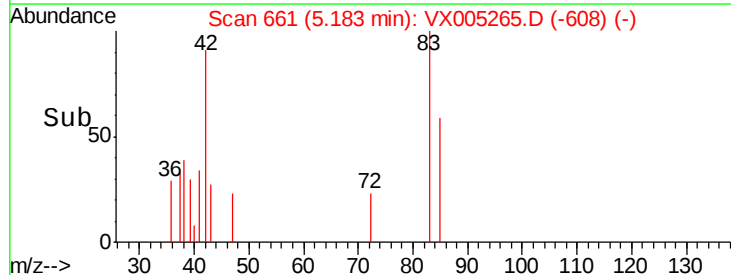
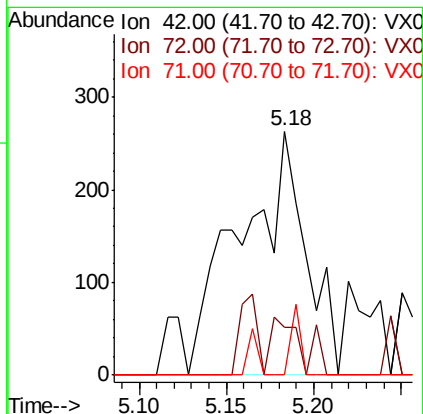
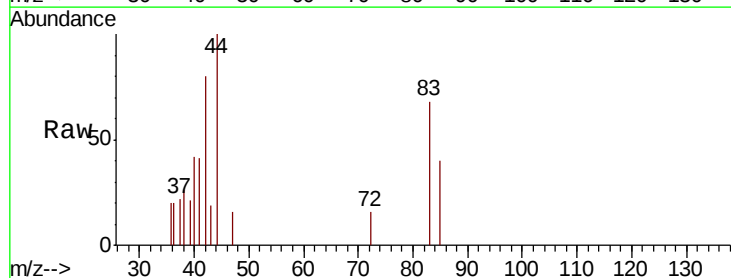
Tot Ion	Ratio	Lower	Upper
96	100		
61	219.3	0.0	285.8
98	68.0	0.0	136.2

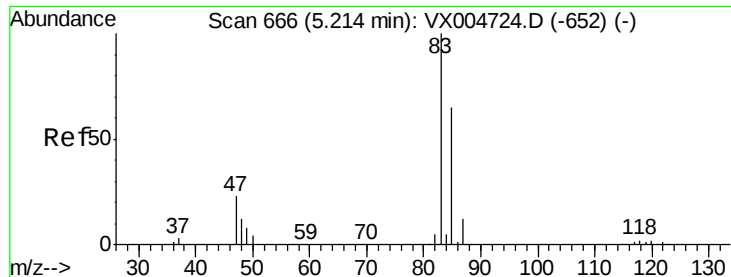


#29

Tetrahydrofuran
 Concen: 0.494 ug/l
 RT: 5.18 min Scan# 661
 Delta R.T. 0.02 min
 Lab File: VX005265.D
 Acq: 11 Oct 2018 20:27

Tgt Ion	Ratio	Lower	Upper
42	100		
72	11.7	33.7	50.5#
71	4.1	32.2	48.4#

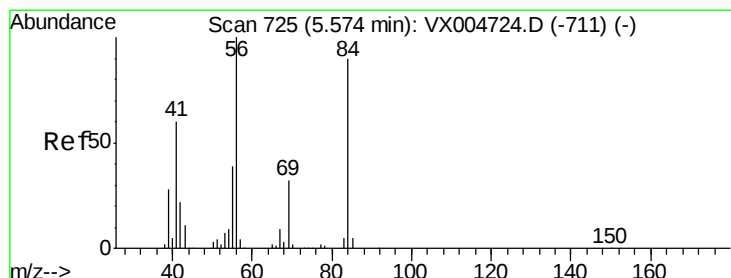
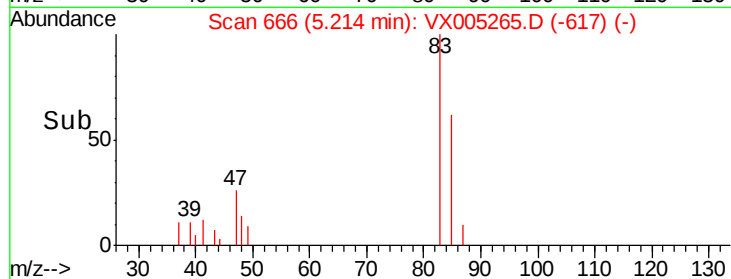
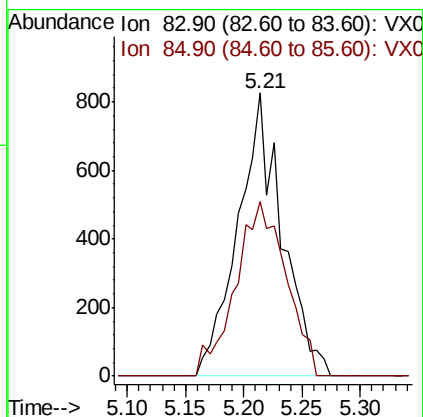
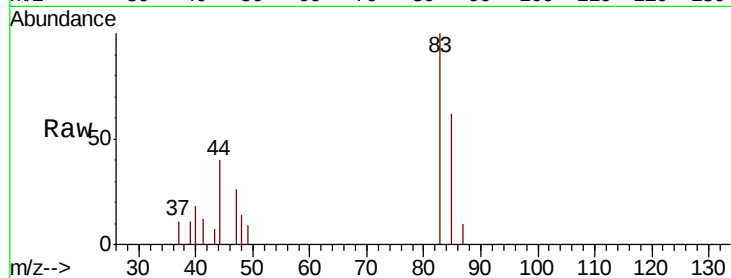




#30
Chloroform
Concen: 0.535 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005265.D
Acq: 11 Oct 2018 20:27

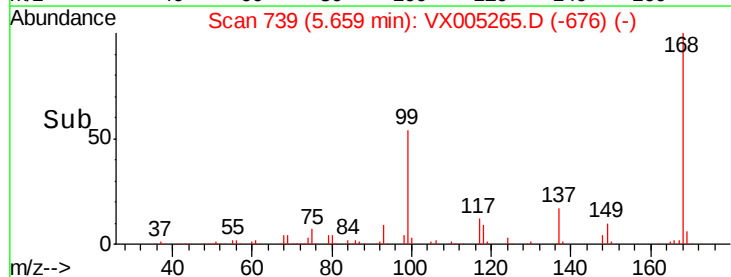
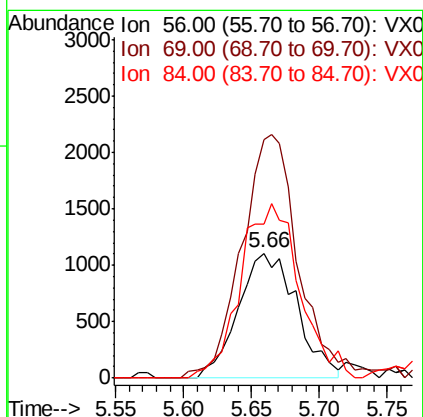
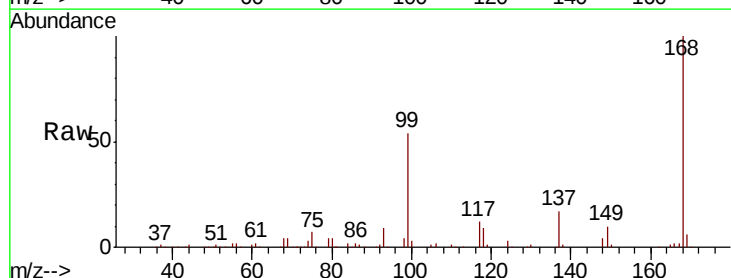
Instrument :
MSVOA_X
ClientSampleId :

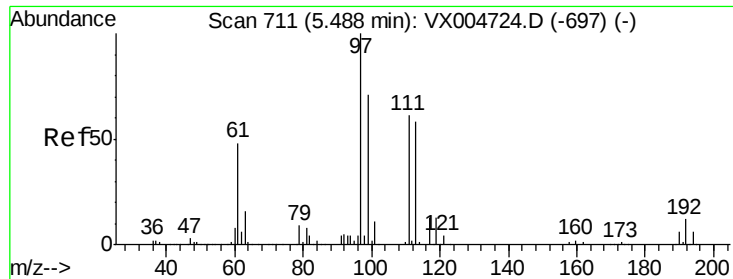
Tot Ion: 83 Resp: 2181
Ion Ratio Lower Upper
83 100
85 61.6 52.4 78.6



#31
Cyclohexane
Concen: 1.005 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX005265.D
Acq: 11 Oct 2018 20:27

Tgt Ion: 56 Resp: 3320
Ion Ratio Lower Upper
56 100
69 186.0 25.9 38.9#
84 123.3 71.9 107.9#





#32

1,1,1-Trichloroethane

Concen: 0.533 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

Instrument :

MSVOA_X

ClientSampled :

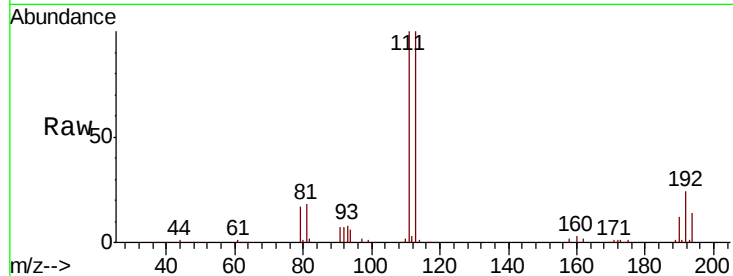
Tot Ion: 97 Resp: 1774

Ion Ratio Lower Upper

97 100

99 0.0 54.6 82.0#

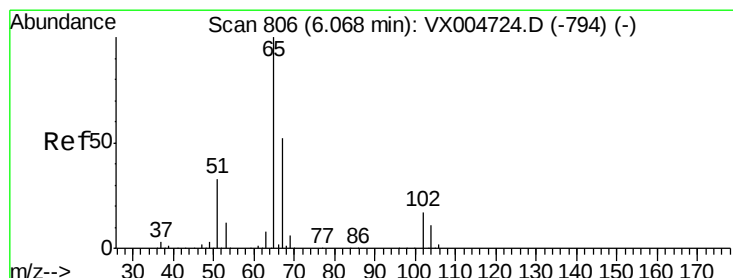
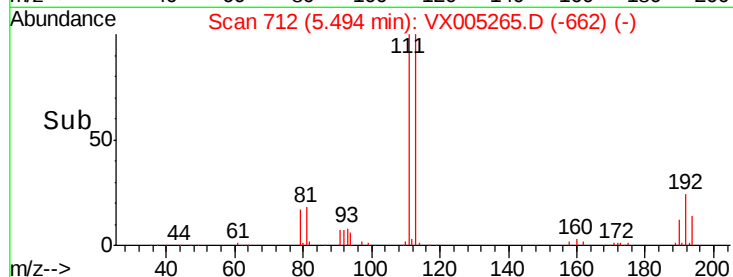
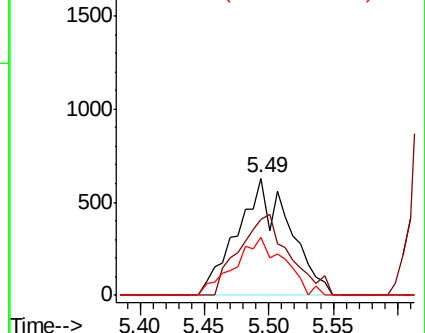
61 46.9 37.5 56.3



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.449 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005265.D

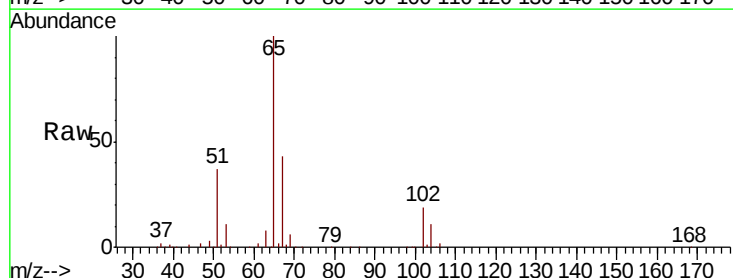
Acq: 11 Oct 2018 20:27

Tgt Ion: 65 Resp: 130951

Ion Ratio Lower Upper

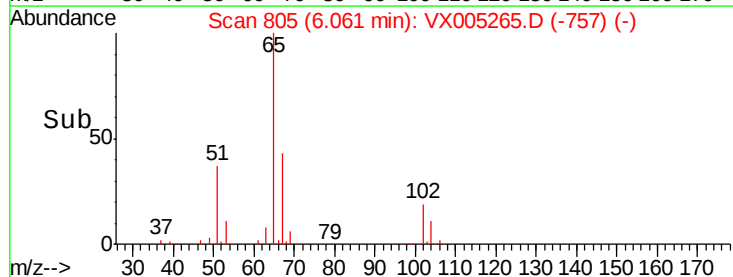
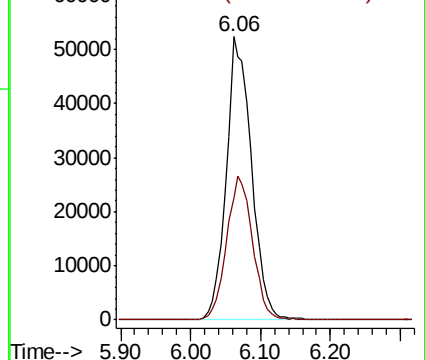
65 100

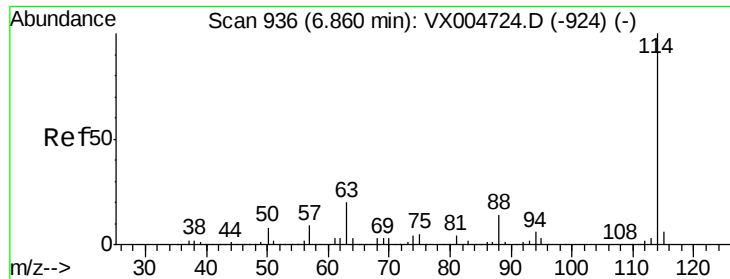
67 52.2 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

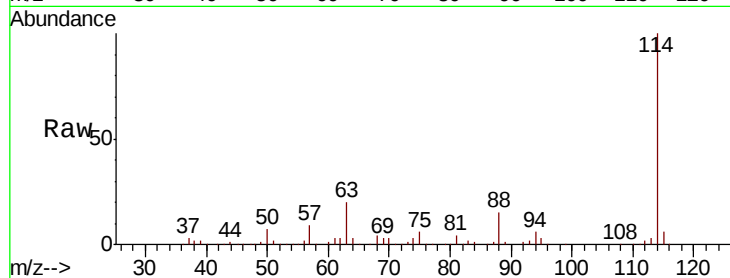




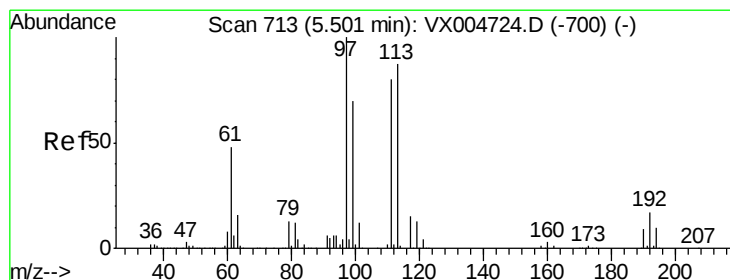
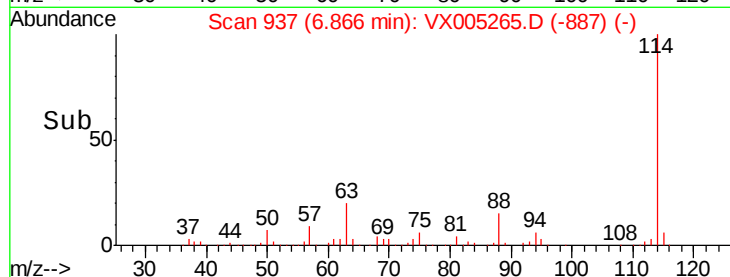
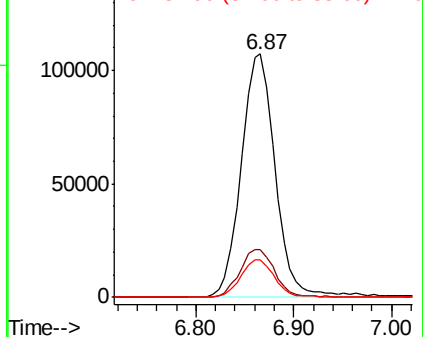
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005265.D
 Acq: 11 Oct 2018 20:27

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:114 Resp: 258129
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.2 0.0 27.0

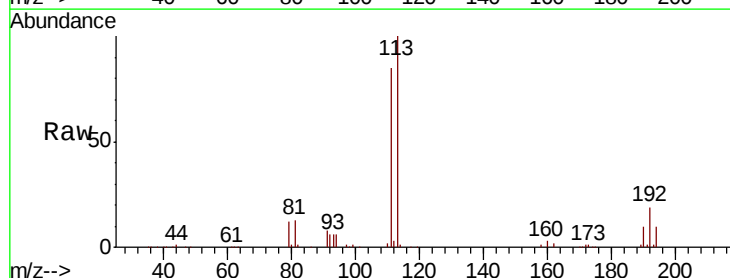


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

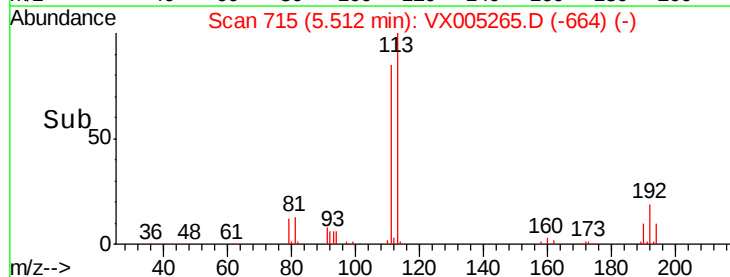
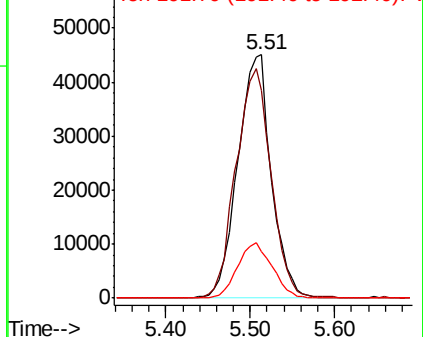


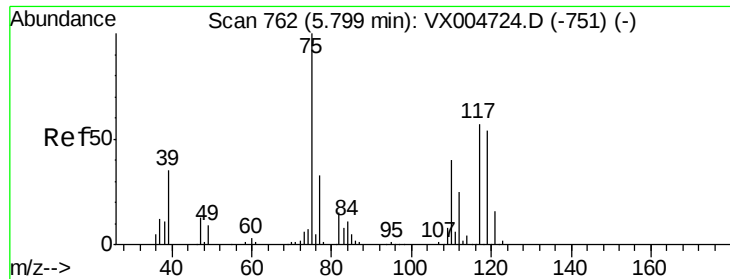
#35
 Dibromofluoromethane
 Concen: 55.281 ug/l
 RT: 5.51 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: VX005265.D
 Acq: 11 Oct 2018 20:27

Tgt Ion:113 Resp: 120936
 Ion Ratio Lower Upper
 113 100
 111 98.7 77.0 115.4
 192 23.6 17.0 25.6



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: 4.363 ug/l

RT: 5.66 min Scan# 740

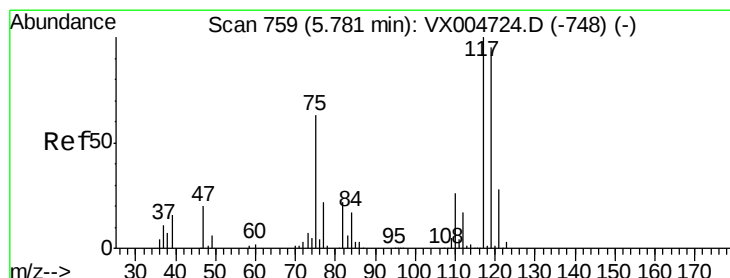
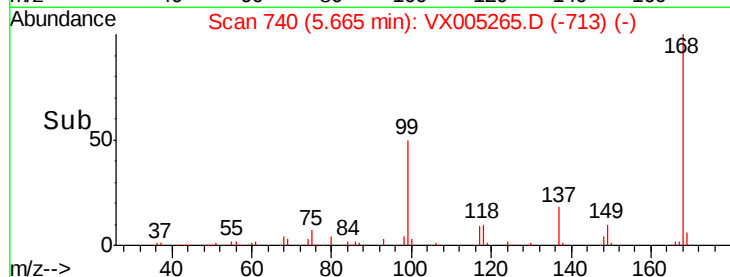
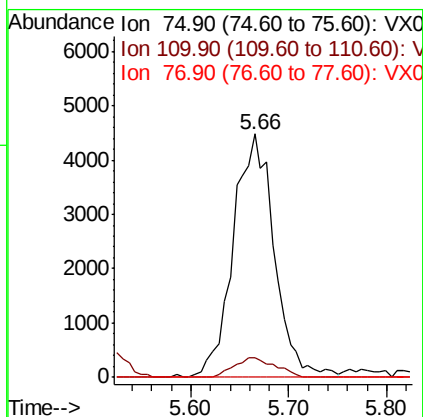
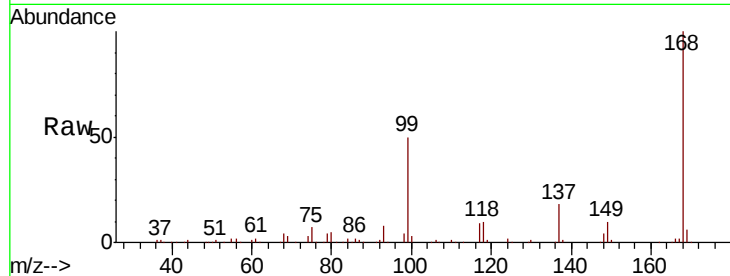
Delta R.T. -0.13 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	75	Resp:	13024
Ion	Ratio	Lower	Upper
75	100		
110	8.3	20.0	59.9#
77	0.0	27.1	40.7#



#38

Carbon Tetrachloride

Concen: 0.839 ug/l

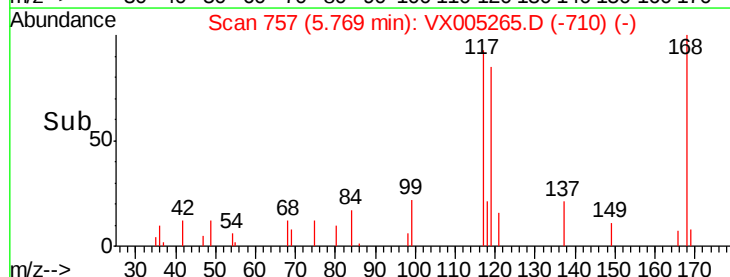
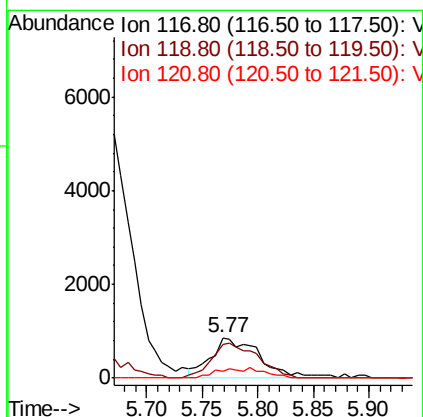
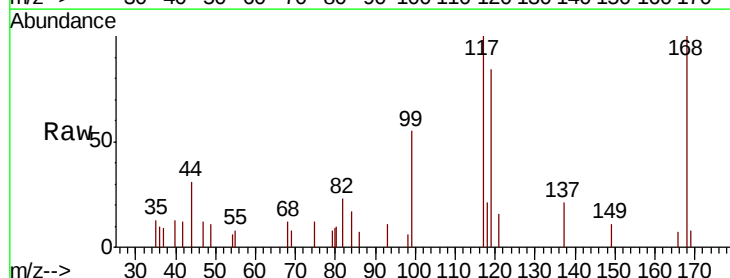
RT: 5.77 min Scan# 757

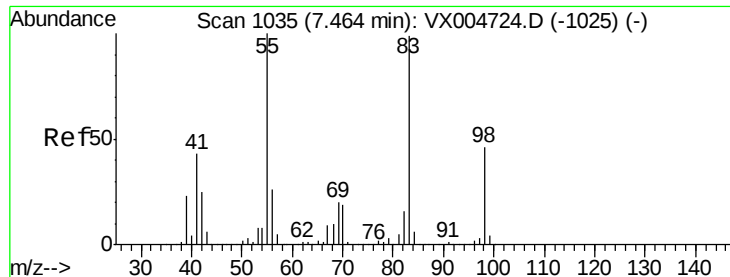
Delta R.T. -0.01 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

Tgt Ion:	117	Resp:	2632
Ion	Ratio	Lower	Upper
117	100		
119	84.1	75.2	112.8
121	16.3	22.5	33.7#

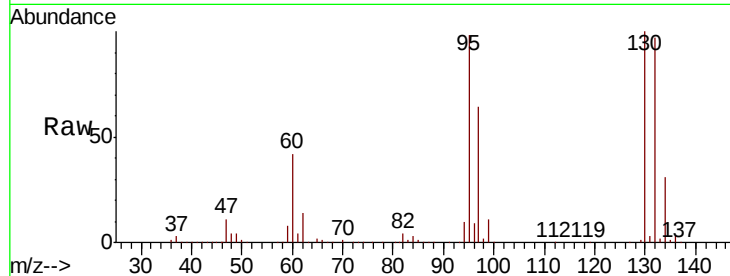




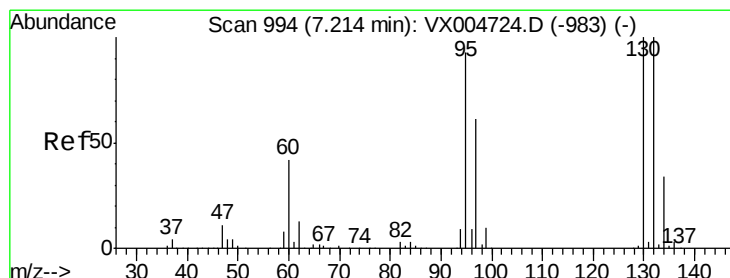
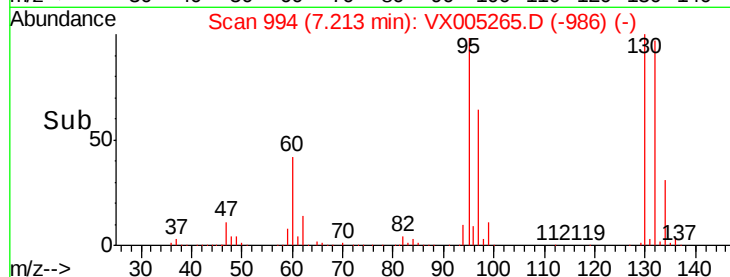
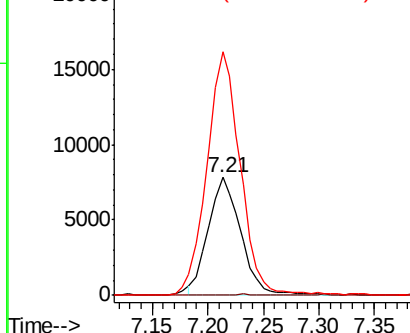
#39
Methvlcvclohexane
Concen: 5.213 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.25 min
Lab File: VX005265.D
Acq: 11 Oct 2018 20:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 15888
Ion Ratio Lower Upper
83 100
55 0.0 81.1 121.7#
98 205.5 37.3 55.9#

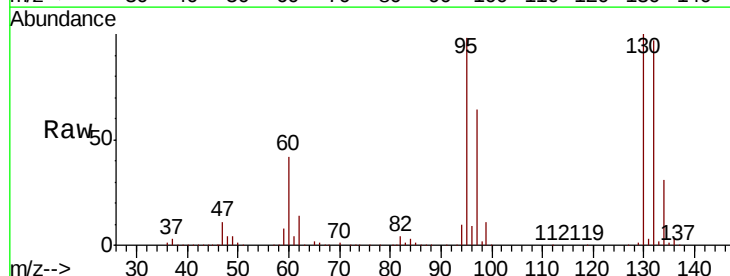


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

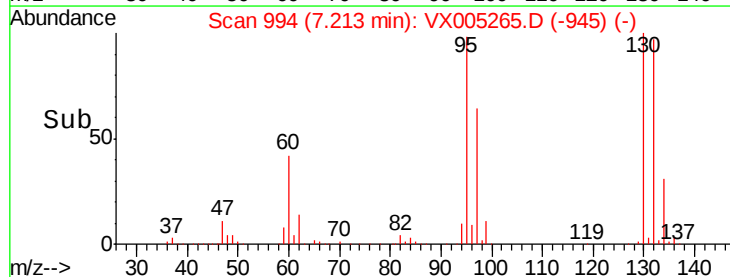
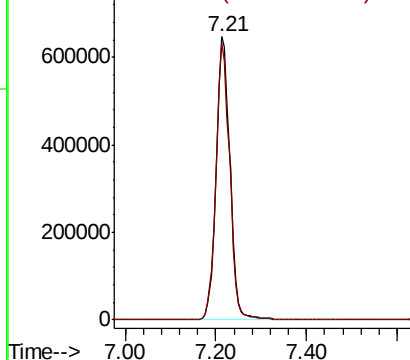


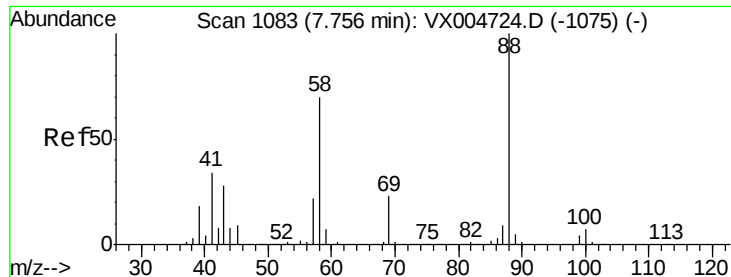
#44
Trichloroethene
Concen: 604.523 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX005265.D
Acq: 11 Oct 2018 20:27

Tgt Ion:130 Resp: 1388690
Ion Ratio Lower Upper
130 100
95 97.7 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#49

1,4-Dioxane

Concen: 11.243 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

Instrument :

MSVOA_X

ClientSampled :

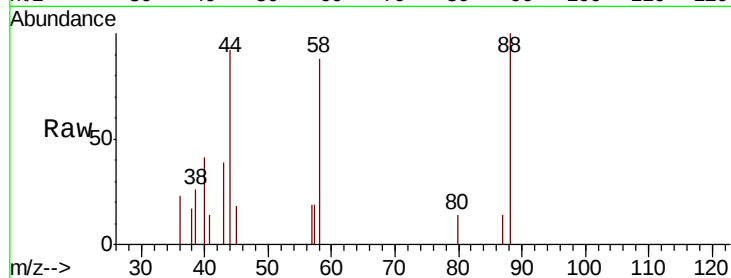
Tot Ion: 88 Resp: 725

Ion Ratio Lower Upper

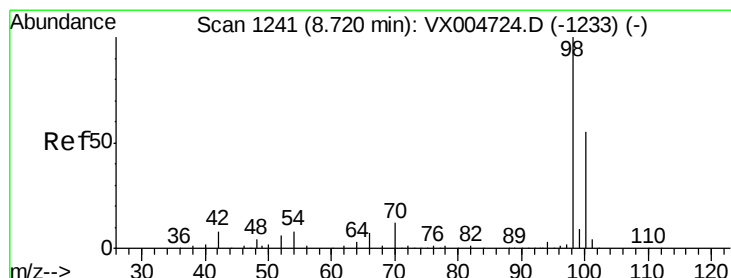
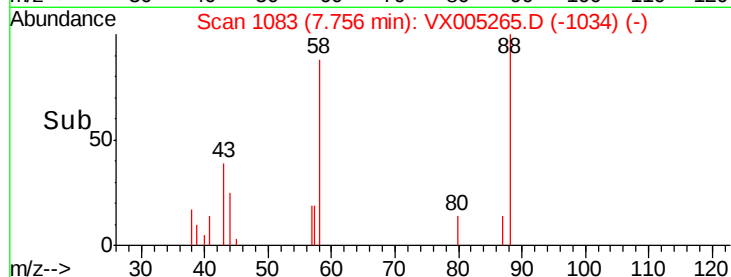
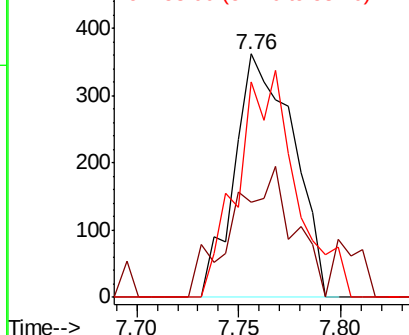
88 100

43 55.7 25.1 37.7#

58 92.3 56.2 84.2#



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: 52.965 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005265.D

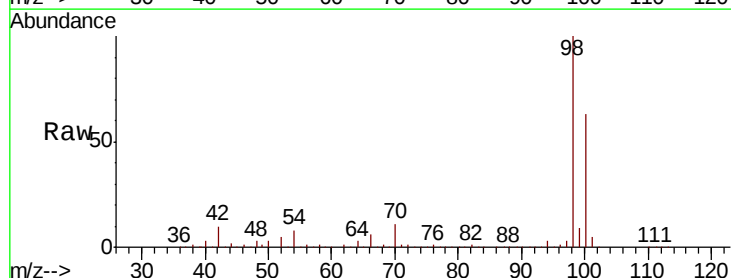
Acq: 11 Oct 2018 20:27

Tgt Ion: 98 Resp: 385207

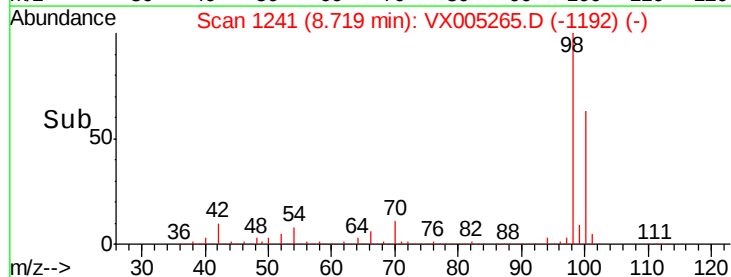
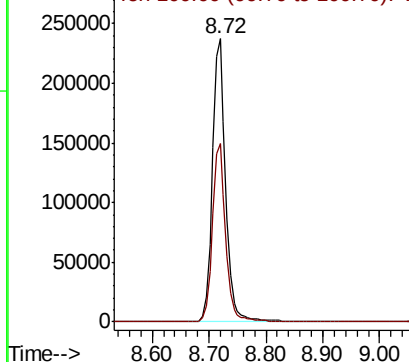
Ion Ratio Lower Upper

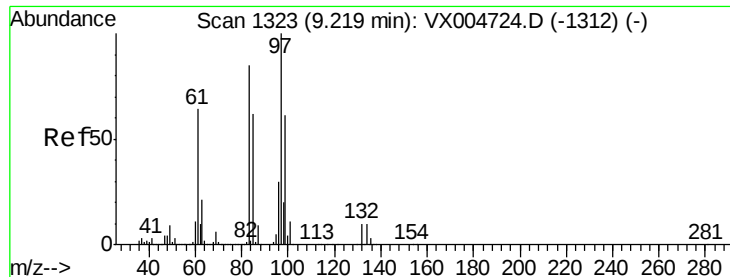
98 100

100 63.3 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

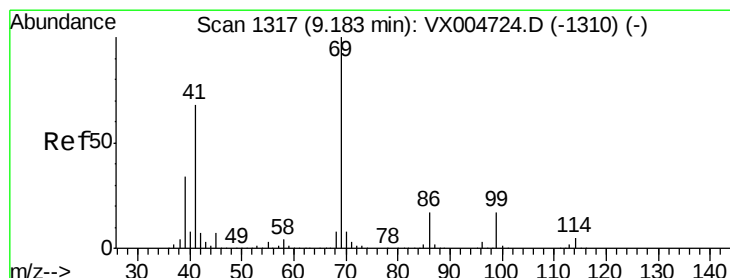
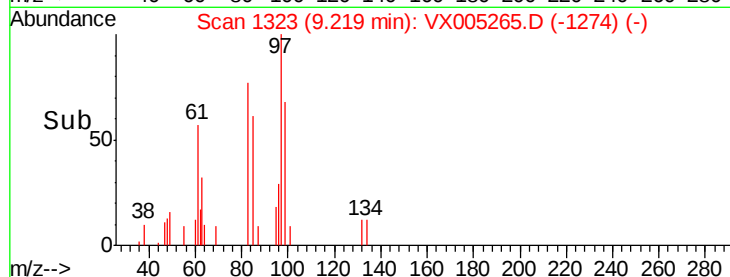
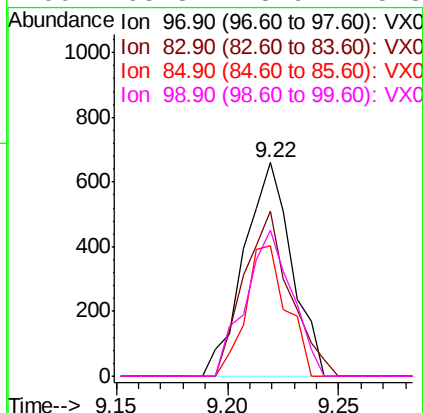
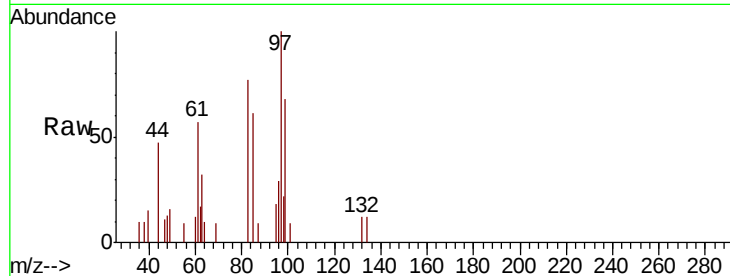




#55
1,1,2-Trichloroethane
Concen: 0.441 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX005265.D
Acq: 11 Oct 2018 20:27

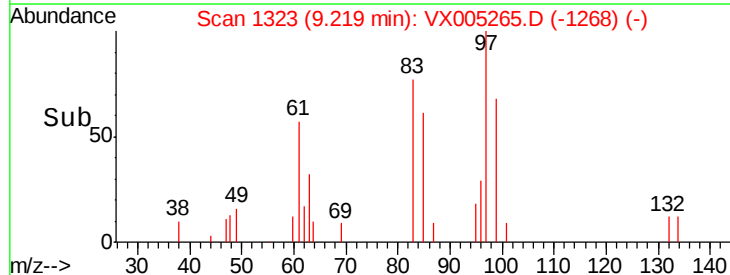
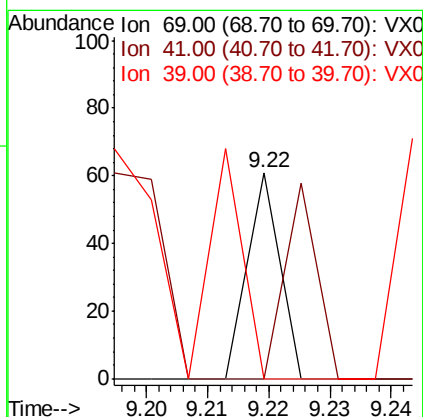
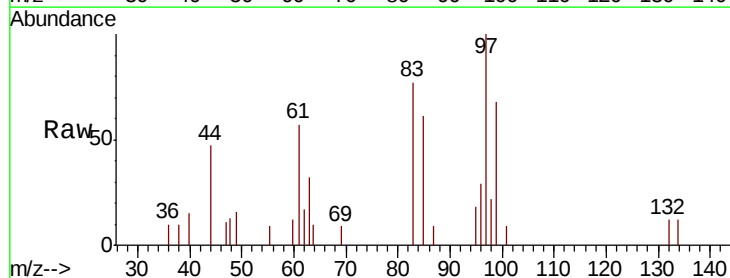
Instrument :
MSVOA_X
ClientSampleId :

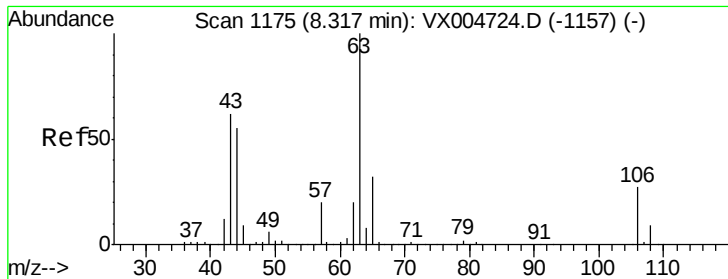
Tot Ion:	97	Resp:	991
Ion	Ratio	Lower	Upper
97	100		
83	77.3	68.2	102.2
85	61.1	49.9	74.9
99	68.3	48.9	73.3



#56
Ethyl methacrylate
Concen: 2.868 ug/l
RT: 9.22 min Scan# 1323
Delta R.T. 0.04 min
Lab File: VX005265.D
Acq: 11 Oct 2018 20:27

Tgt Ion:	69	Resp:	22
Ion	Ratio	Lower	Upper
69	100		
41	95.5	56.9	85.3#
39	0.0	28.4	42.6#





#58

2-Chloroethyl Vinyl ether

Concen: 14.251 ug/l

RT: 8.58 min Scan# 1218

Delta R.T. 0.26 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

Instrument :

MSVOA_X

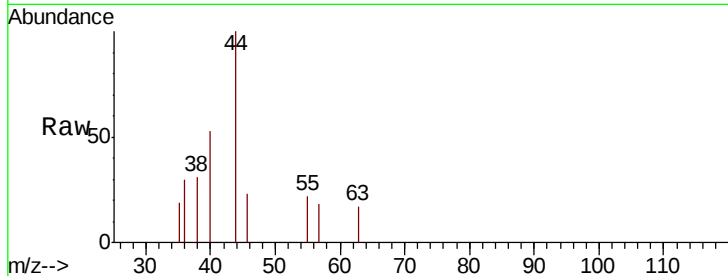
ClientSampleId :

Tot Ion: 63 Resp: 19

Ion Ratio Lower Upper

63 100

106 0.0 21.0 31.6#

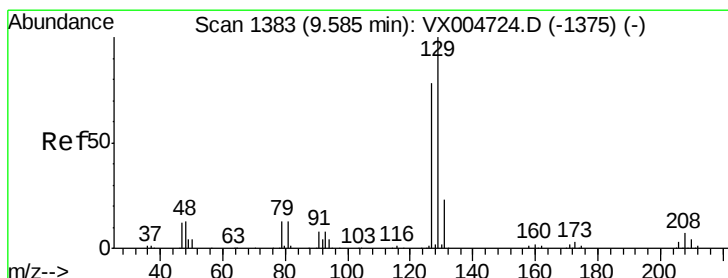
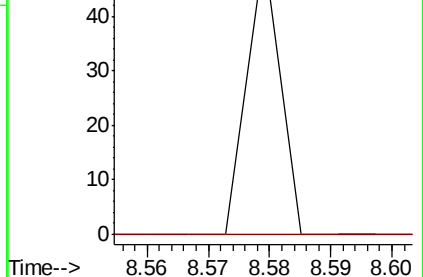
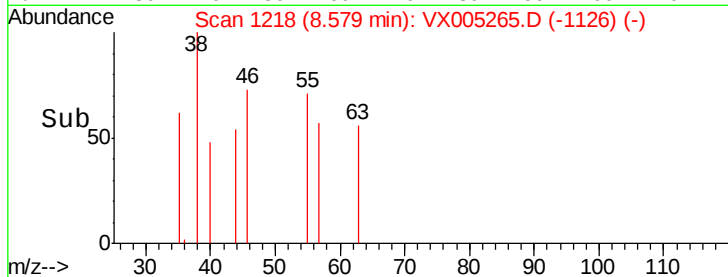


Abundance Ion 62.90 (62.60 to 63.60): VX004724.D (-1157) (-)

Ion 105.90 (105.60 to 106.60): VX004724.D (-1157) (-)

8.58

Time-->



#60

Dibromochloromethane

Concen: 0.452 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX005265.D

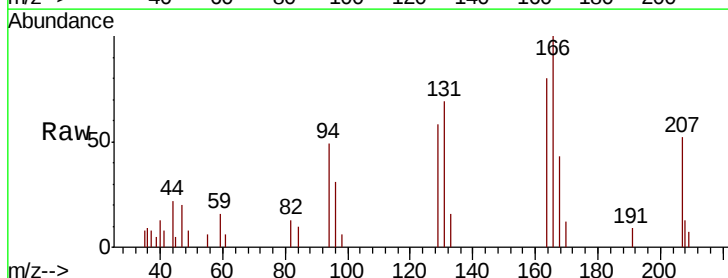
Acq: 11 Oct 2018 20:27

Tgt Ion: 129 Resp: 1016

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.2#

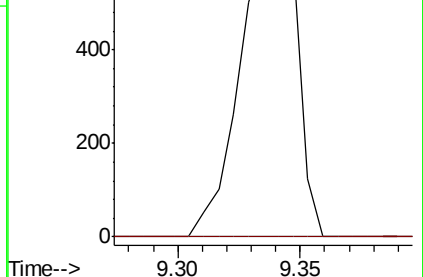
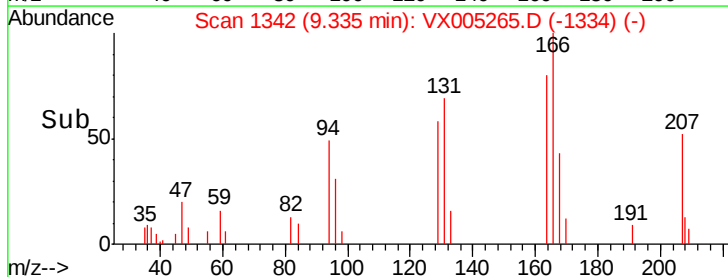


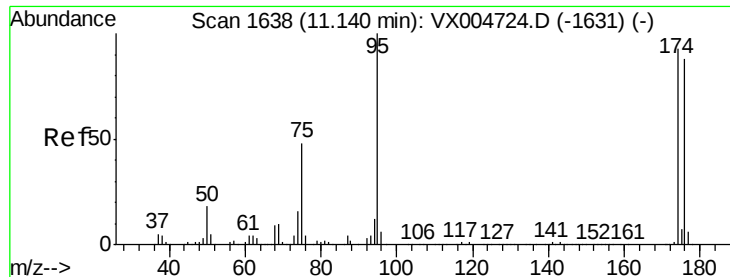
Abundance Ion 128.80 (128.50 to 129.50): VX004724.D (-1375) (-)

Ion 126.80 (126.50 to 127.50): VX004724.D (-1375) (-)

9.33

Time-->





#62

4-Bromofluorobenzene

Concen: 52.191 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

Instrument :

MSVOA_X

ClientSampled :

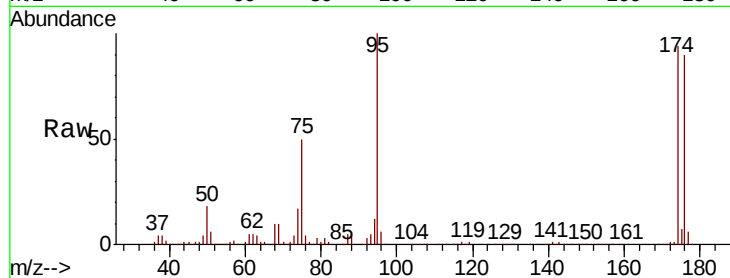
Tot Ion: 95 Resp: 136746

Ion Ratio Lower Upper

95 100

174 95.1 0.0 185.0

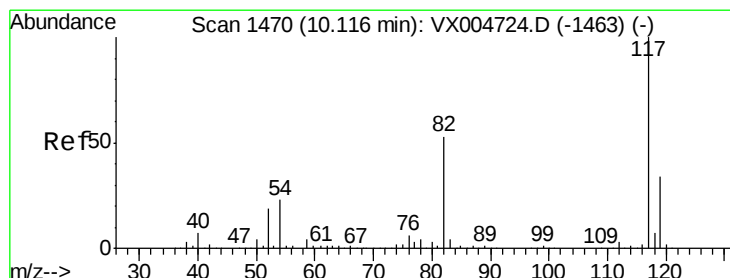
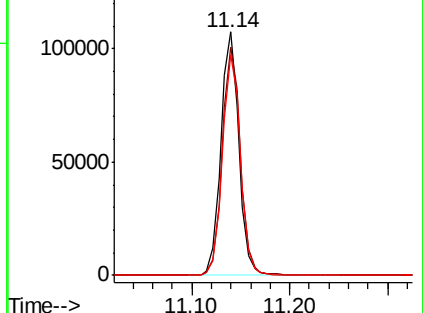
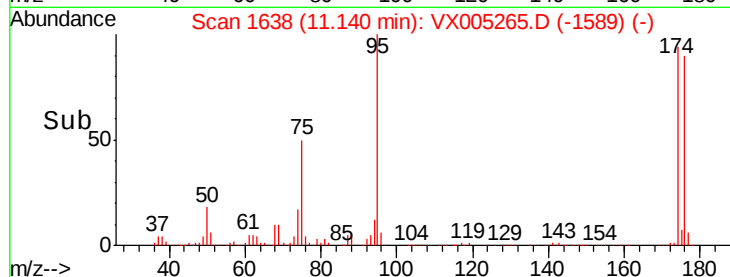
176 91.0 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX005265.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX005265.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX005265.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

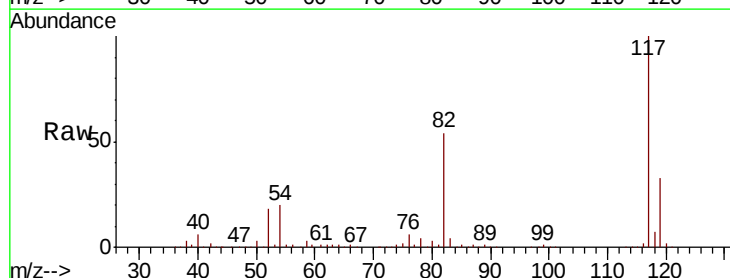
Tgt Ion: 117 Resp: 263286

Ion Ratio Lower Upper

117 100

82 54.5 42.2 63.4

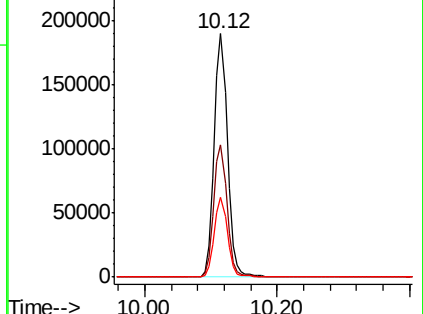
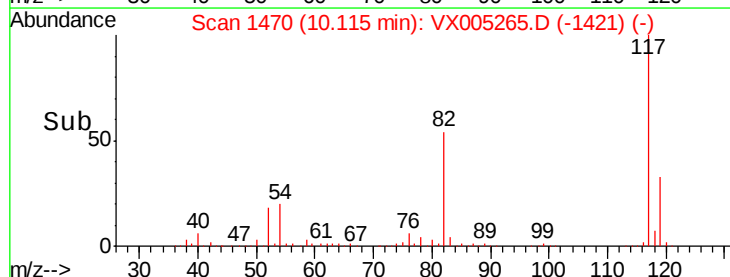
119 32.6 27.4 41.0

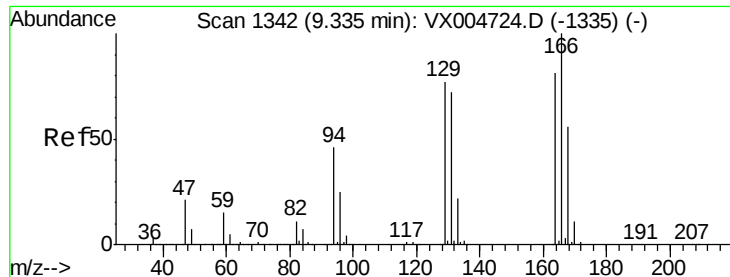


Abundance Ion 116.90 (116.60 to 117.60): VX005265.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX005265.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX005265.D (-1421) (-)





#64

Tetrachloroethene

Concen: 0.480 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 1244

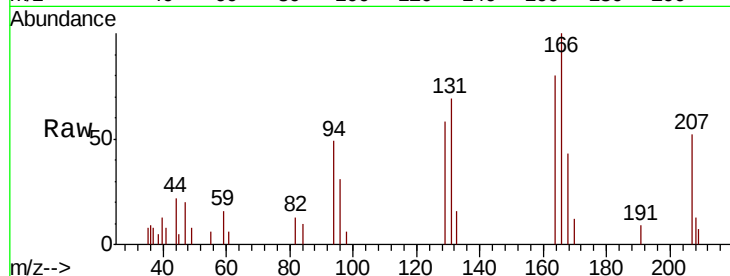
Ion Ratio Lower Upper

164 100

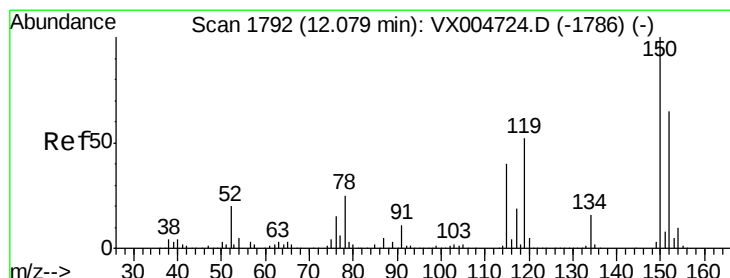
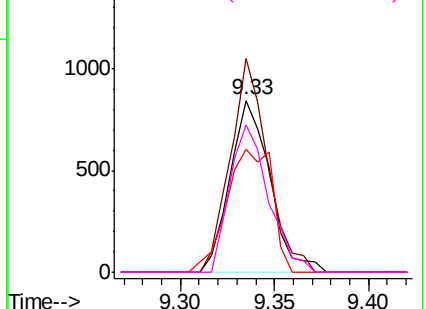
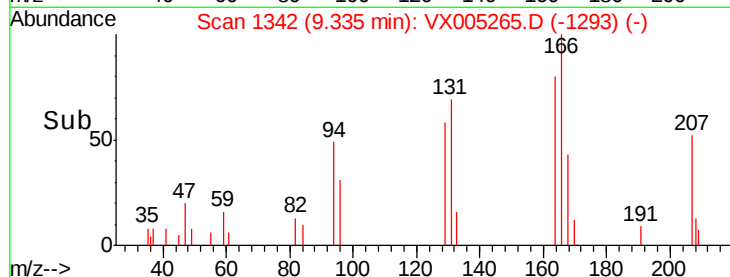
166 124.4 98.4 147.6

129 71.7 76.1 114.1#

131 85.5 71.0 106.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

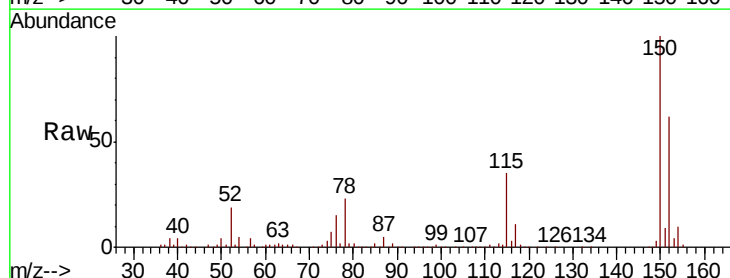
Tgt Ion:152 Resp: 148825

Ion Ratio Lower Upper

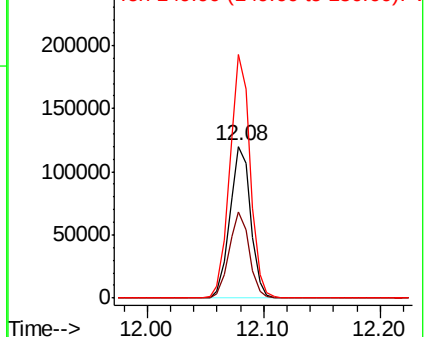
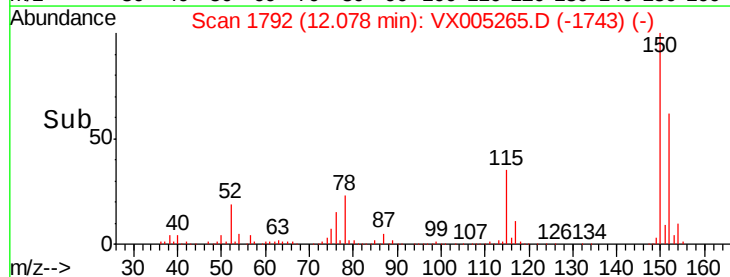
152 100

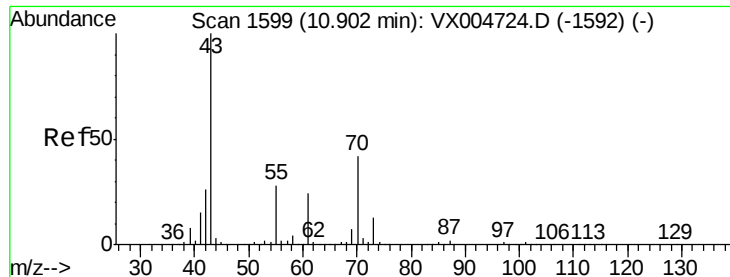
115 55.1 40.2 120.6

150 157.0 0.0 351.0



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





#74

N-amvl acetate

Concen: 1.791 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 43 Resp: 229

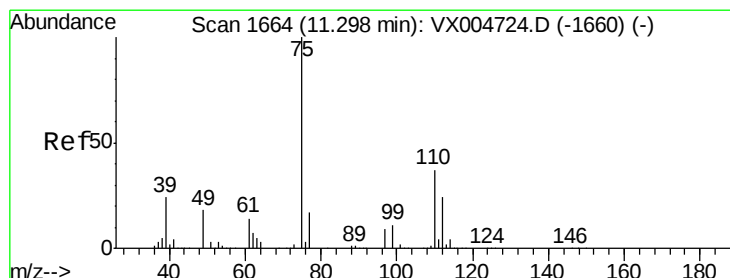
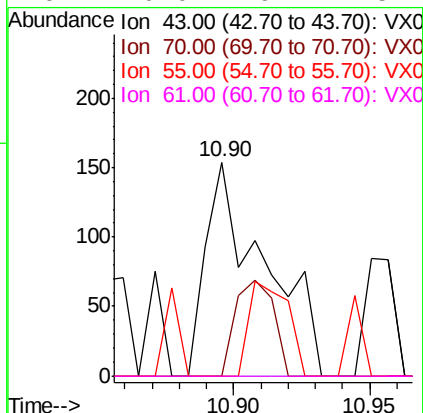
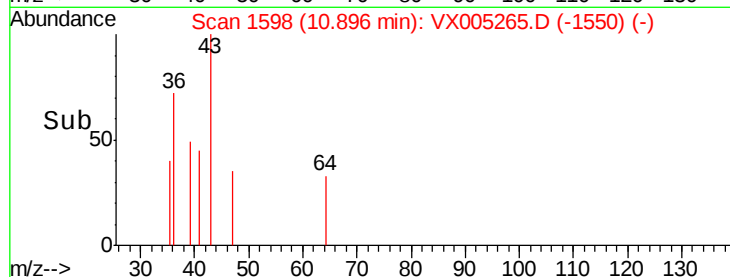
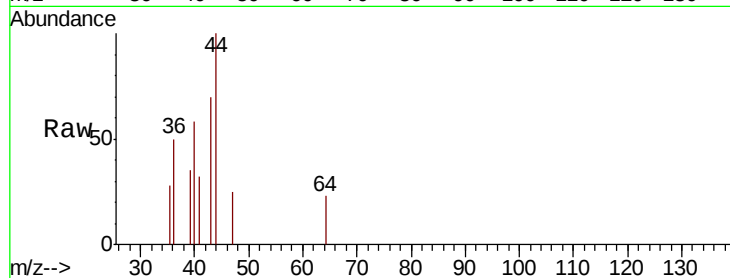
Ion Ratio Lower Upper

43 100

70 29.3 32.6 48.8#

55 29.3 21.6 32.4

61 0.0 19.1 28.7#



#76

1,2,3-Trichloropropane

Concen: 20.448 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005265.D

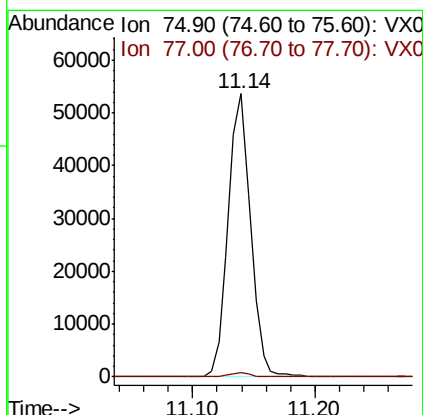
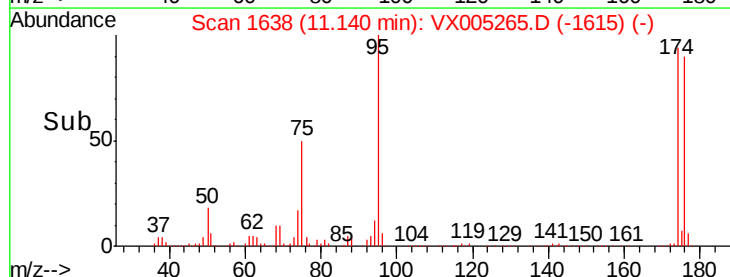
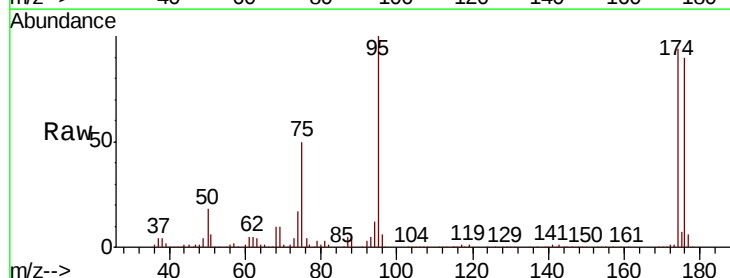
Acq: 11 Oct 2018 20:27

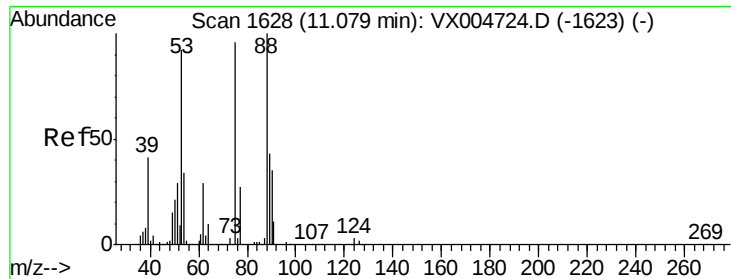
Tgt Ion: 75 Resp: 68208

Ion Ratio Lower Upper

75 100

77 1.4 21.4 64.3#





#81

trans-1,4-Dichloro-2-butene

Concen: 55.540 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

Instrument :

MSVOA_X

ClientSampleId :

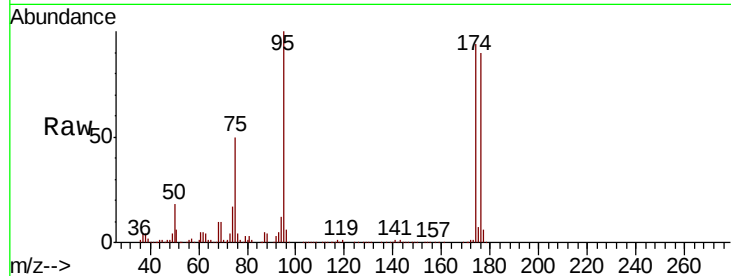
Tot Ion: 75 Resp: 68208

Ion Ratio Lower Upper

75 100

53 0.5 80.2 120.4#

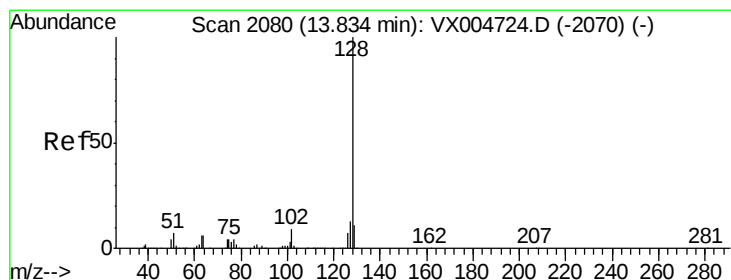
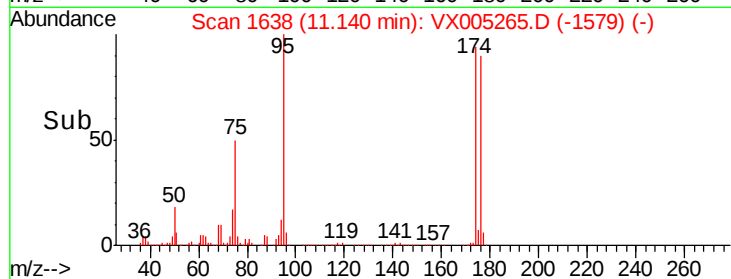
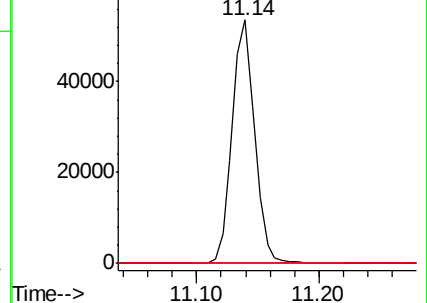
89 0.0 37.1 55.7#



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: 0.740 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005265.D

Acq: 11 Oct 2018 20:27

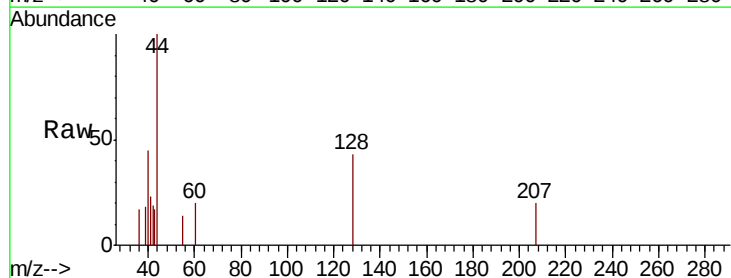
Tgt Ion: 128 Resp: 263

Ion Ratio Lower Upper

128 100

127 0.0 10.4 15.6#

129 0.0 8.7 13.1#



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

