

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060118\
 Data File : VX002219.D
 Acq On : 01 Jun 2018 18:36
 Operator : JC/MD
 Sample : J3118-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 02 03:19:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	222743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	319447	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	283306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151517	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	219815	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
35) Dibromofluoromethane	5.51	113	161638	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	8.72	98	633802	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
62) 4-Bromofluorobenzene	11.14	95	215554	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	252	Below Cal	#	41
3) Chloromethane	1.32	50	1422	0.41	ug/l	91
5) Bromomethane	1.67	94	1426	Below Cal		87
6) Chloroethane	1.74	64	579	0.30	ug/l	# 43
10) Methyl Iodide	2.52	142	3267	0.87	ug/l	# 88
11) Tert butyl alcohol	3.03	59	1413	1.81	ug/l	99
12) 1,1-Dichloroethene	2.37	96	1222	0.47	ug/l	# 83
13) Acrolein	2.31	56	104	0.31	ug/l	# 1
15) Acrylonitrile	3.16	53	538	0.33	ug/l	# 34
16) Acetone	2.45	43	1929	1.26	ug/l	95
17) Carbon Disulfide	2.57	76	1630	0.22	ug/l	# 74
18) Methyl Acetate	2.78	43	749	Below Cal	#	68
19) Methyl tert-butyl Ether	3.22	73	1965	0.20	ug/l	92
20) Methylene Chloride	2.86	84	636	Below Cal	#	94
21) trans-1,2-Dichloroethene	3.17	96	812	Below Cal		82
24) 1,1-Dichloroethane	3.70	63	1135	0.22	ug/l	# 79
27) cis-1,2-Dichloroethene	4.60	96	15992	4.72	ug/l	95
28) Bromochloromethane	5.03	49	98	Below Cal	#	46
29) Tetrahydrofuran	5.18	42	574	0.31	ug/l	# 62
31) Cyclohexane	5.66	56	5091	0.93	ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	15849	3.57	ug/l	# 51
38) Carbon Tetrachloride	5.67	117	20308	3.92	ug/l	# 14
41) Methacrylonitrile	5.09	41	158	Below Cal	#	33
44) Trichloroethene	7.22	130	42333	11.16	ug/l	92
49) 1,4-Dioxane	7.51	88	19	0.22	ug/l	# 1
55) 1,1,2-Trichloroethane	9.22	97	1286	0.37	ug/l	96
60) Dibromochloromethane	9.34	129	6652	1.62	ug/l	# 11
64) Tetrachloroethene	9.34	164	7492	1.84	ug/l	89
74) N-amyl acetate	6.46	43	45	Below Cal	#	59
75) 1,1,2,2-Tetrachloroethane	11.14	83	301	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.14	75	117885	32.39	ug/l	# 33
79) 2-Chlorotoluene	11.43	91	458	Below Cal		80
81) trans-1,4-Dichloro-2-buten	11.14	75	117885	77.85	ug/l	# 10

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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

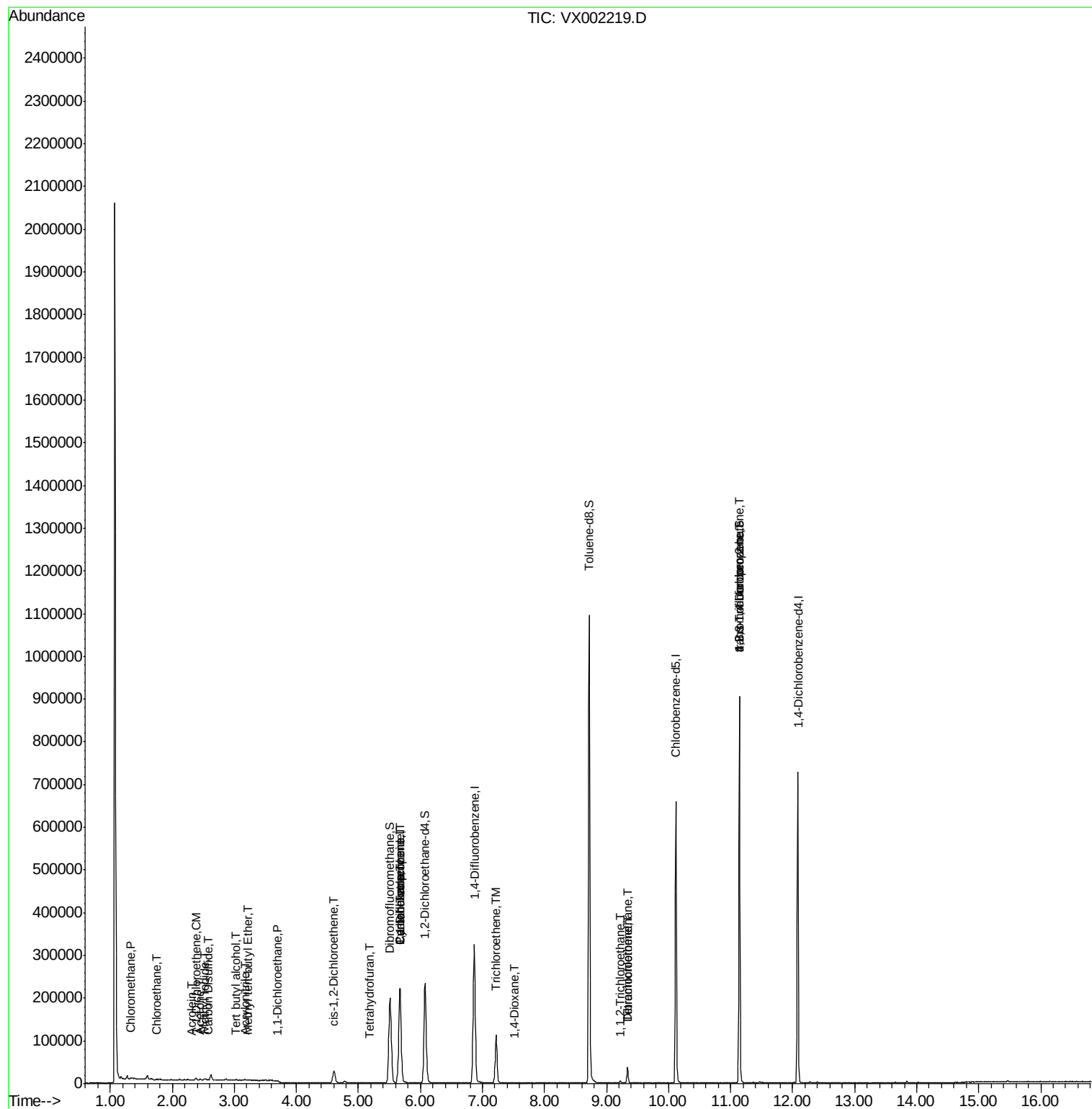
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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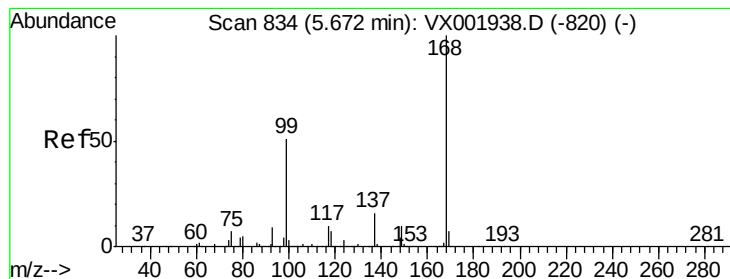
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

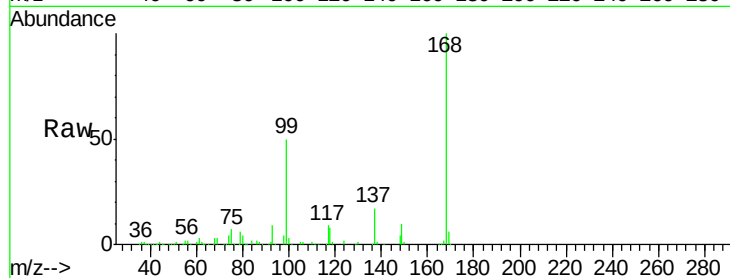
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 222743

Ion Ratio Lower Upper

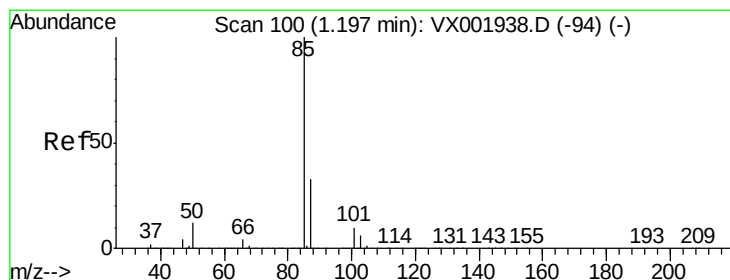
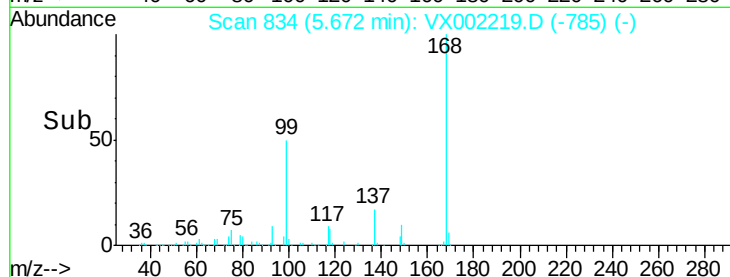
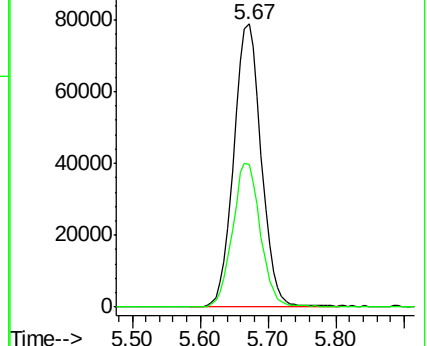
168 100

99 50.2 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002219.D

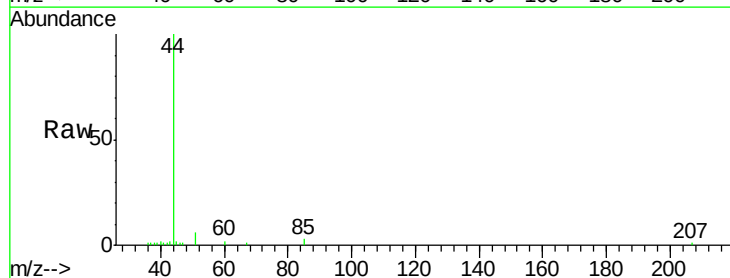
Acq: 01 Jun 2018 18:36

Tgt Ion: 85 Resp: 252

Ion Ratio Lower Upper

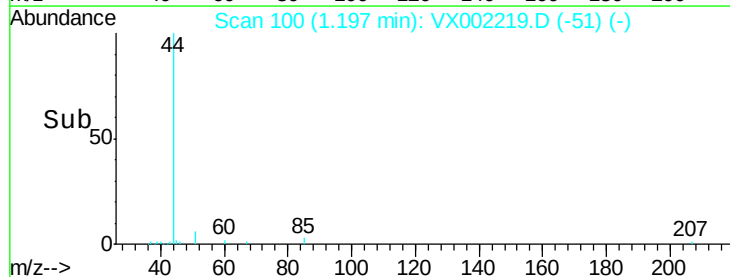
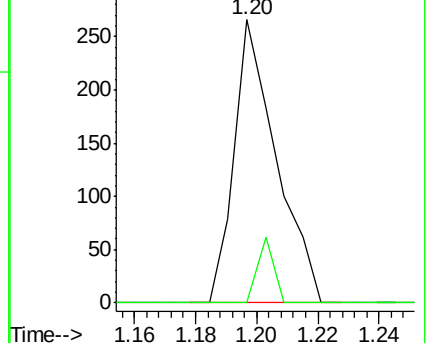
85 100

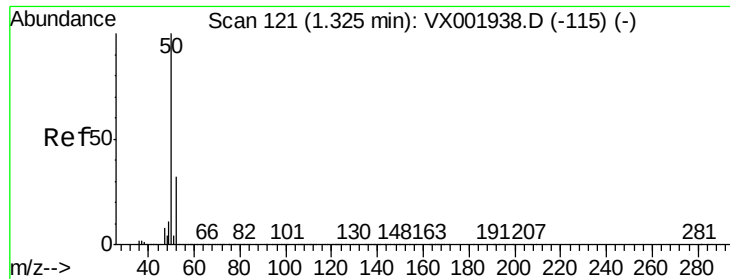
87 0.0 16.7 50.0#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.41 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Instrument :

MSVOA_X

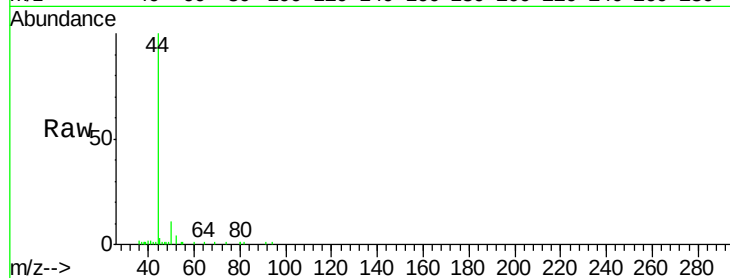
ClientSampleId :

Tot Ion: 50 Resp: 1422

Ion Ratio Lower Upper

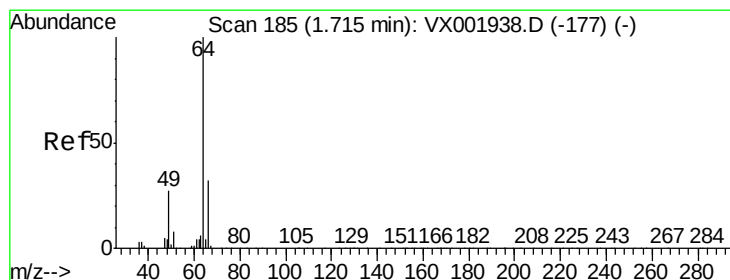
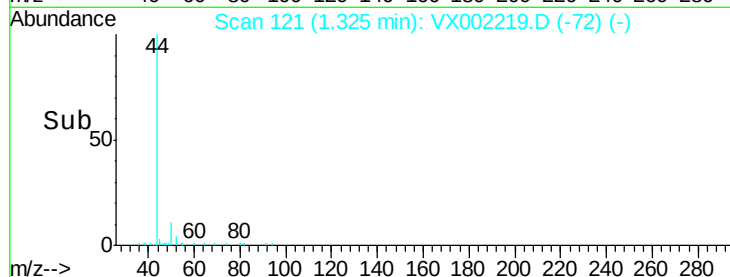
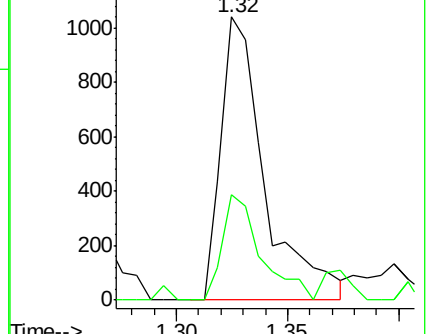
50 100

52 37.3 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#6

Chloroethane

Concen: 0.30 ug/l

RT: 1.74 min Scan# 189

Delta R.T. 0.02 min

Lab File: VX002219.D

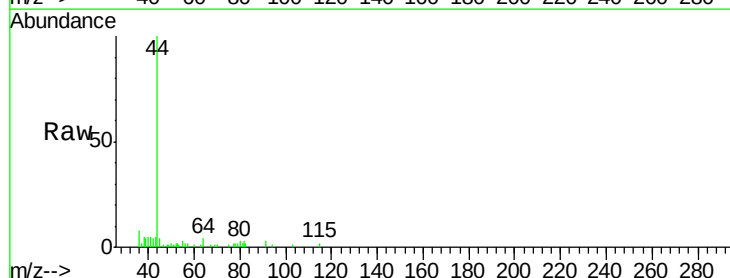
Acq: 01 Jun 2018 18:36

Tgt Ion: 64 Resp: 579

Ion Ratio Lower Upper

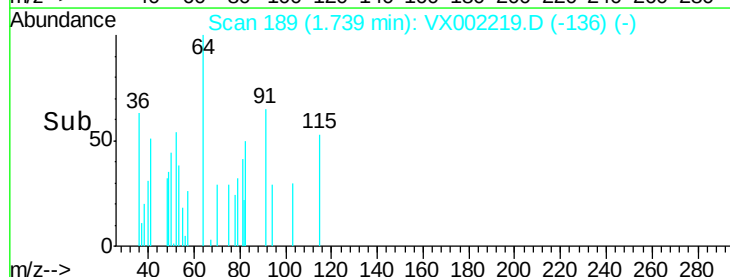
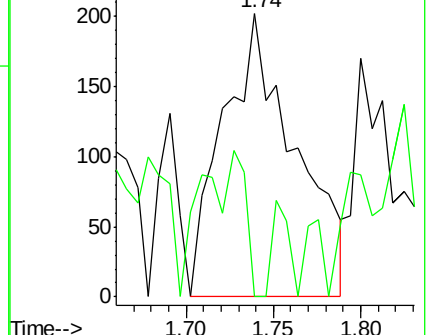
64 100

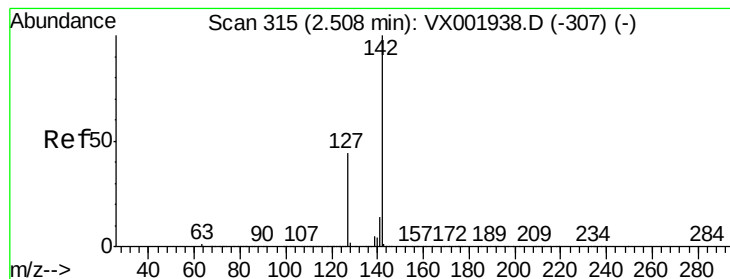
66 0.0 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#10

Methyl Iodide

Concen: 0.87 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002219.D

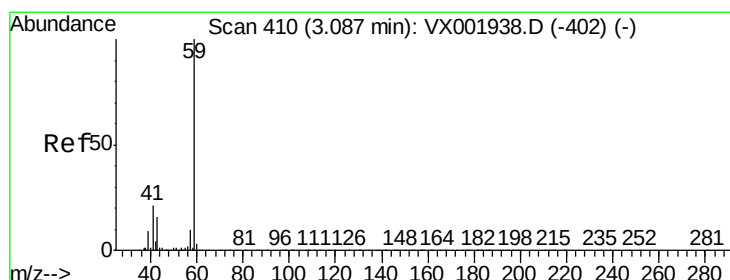
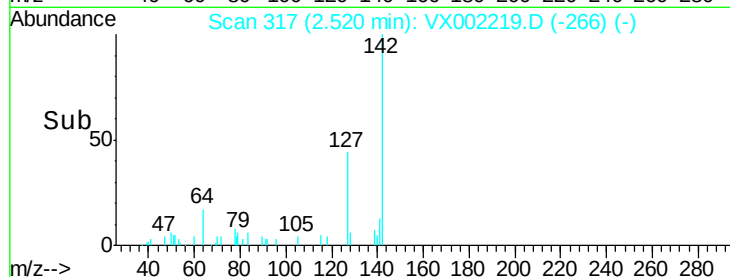
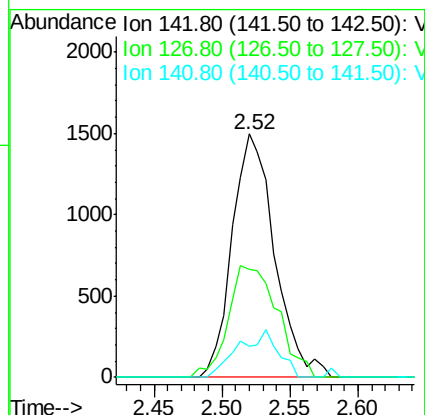
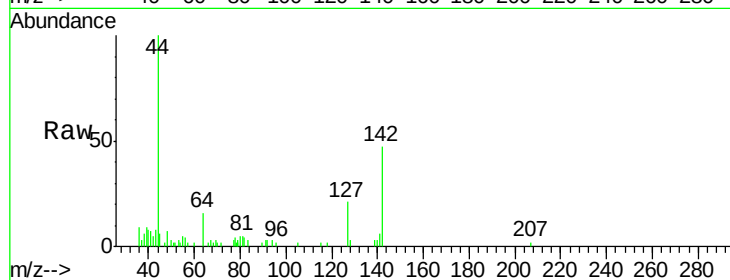
Acq: 01 Jun 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	142	Resp:	3267
Ion	Ratio	Lower	Upper
142	100		
127	52.9	35.5	53.3
141	18.2	11.3	16.9#



#11

Tert butyl alcohol

Concen: 1.81 ug/l

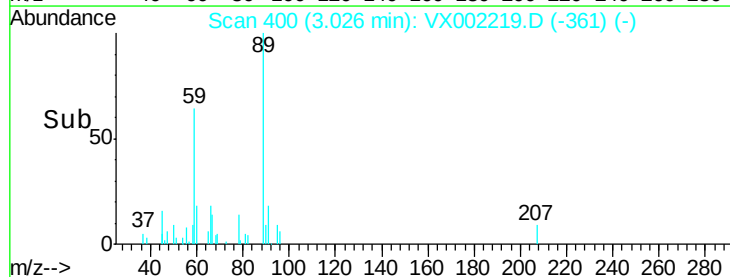
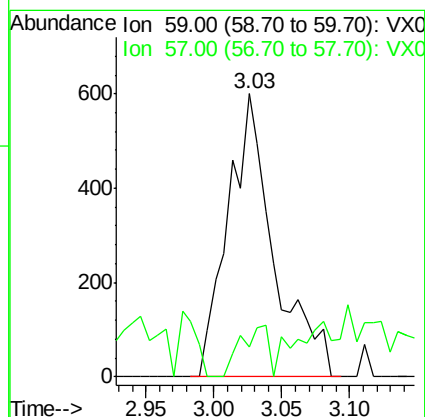
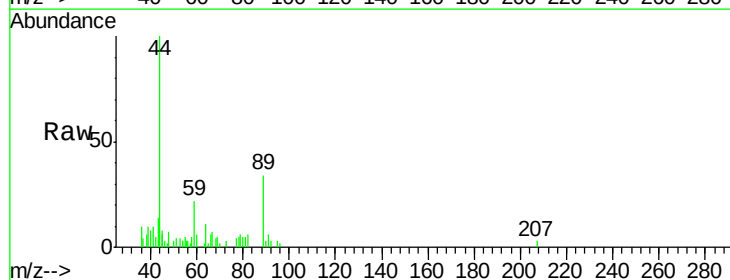
RT: 3.03 min Scan# 400

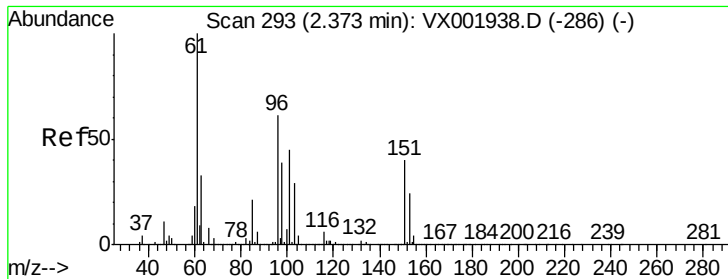
Delta R.T. -0.06 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Tgt Ion:	59	Resp:	1413
Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.9	13.3





#12

1,1-Dichloroethene

Concen: 0.47 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.00 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Instrument :

MSVOA_X

ClientSampled :

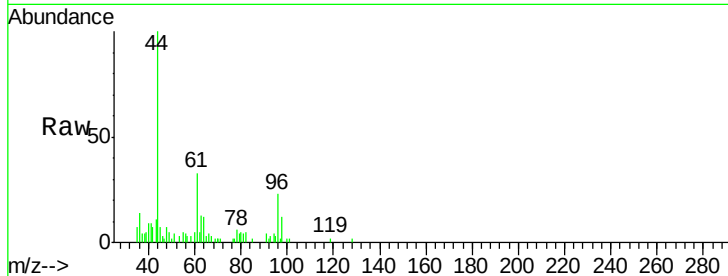
Tot Ion: 96 Resp: 1222

Ion Ratio Lower Upper

96 100

61 141.2 131.7 197.5

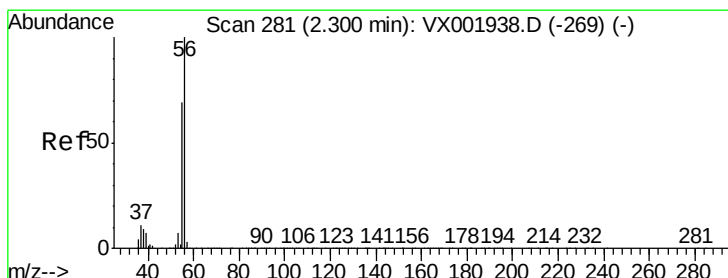
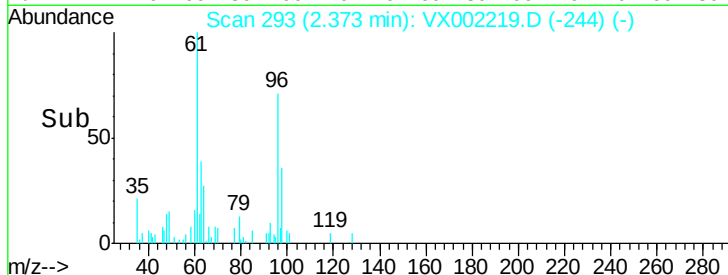
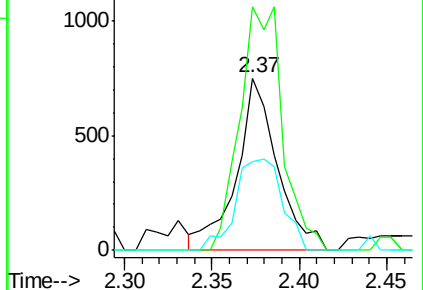
98 51.3 51.6 77.4#



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: 0.31 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX002219.D

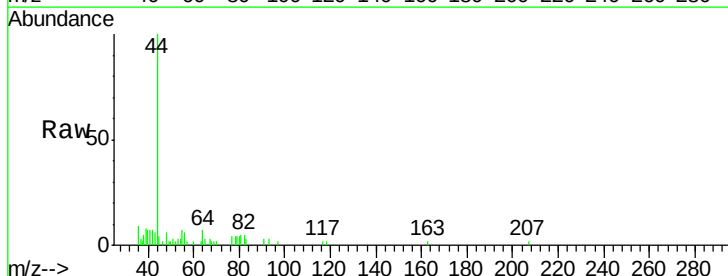
Acq: 01 Jun 2018 18:36

Tgt Ion: 56 Resp: 104

Ion Ratio Lower Upper

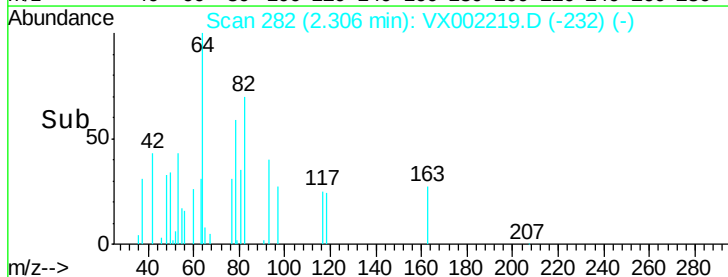
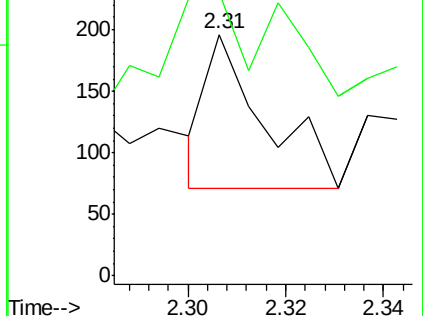
56 100

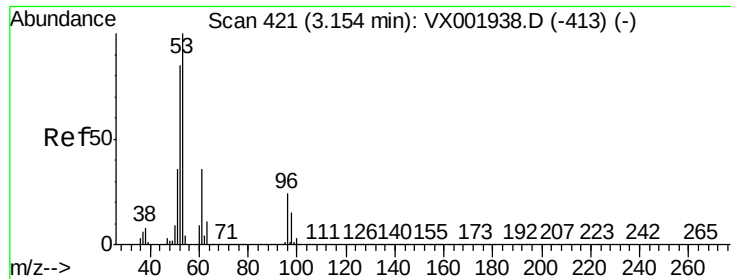
55 153.8 56.8 85.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.33 ug/l

RT: 3.16 min Scan# 422

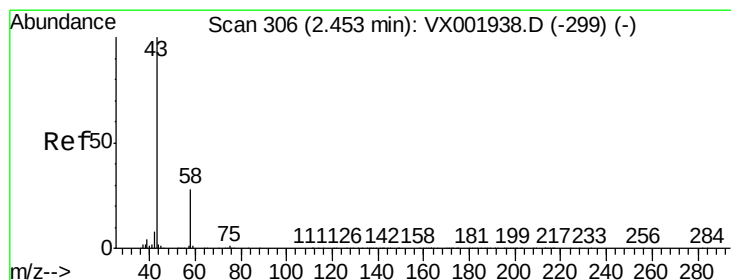
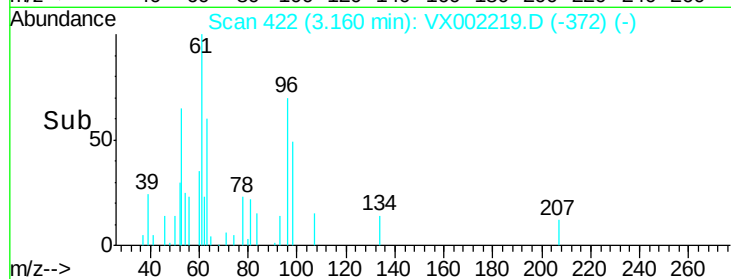
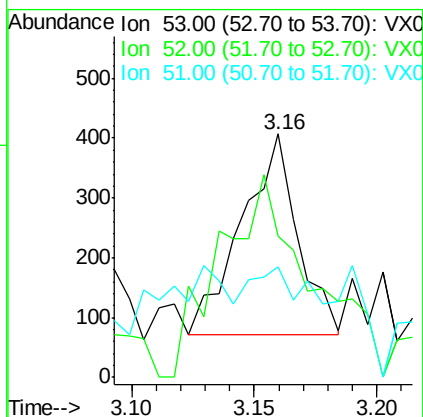
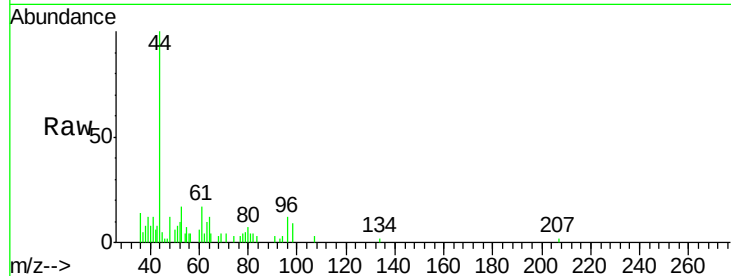
Delta R.T. 0.01 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	53	Resp:	538
Ion	Ratio	Lower	Upper
53	100		
52	163.8	66.4	99.6#
51	28.6	29.3	43.9#



#16

Acetone

Concen: 1.26 ug/l

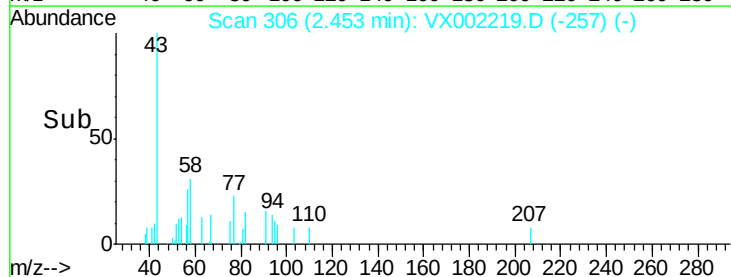
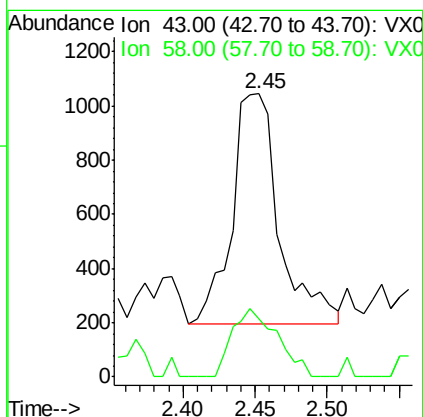
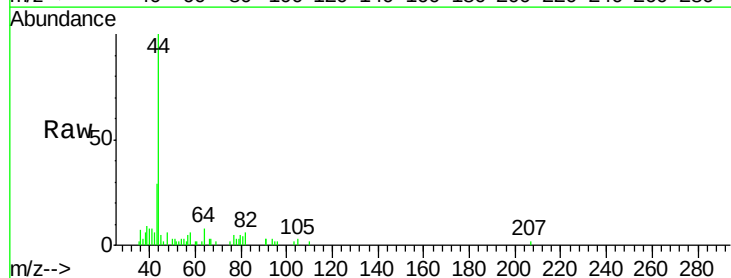
RT: 2.45 min Scan# 306

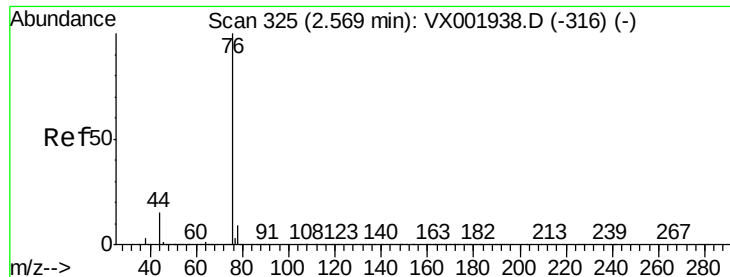
Delta R.T. -0.00 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Tgt Ion:	43	Resp:	1929
Ion	Ratio	Lower	Upper
43	100		
58	25.3	22.3	33.5





#17

Carbon Disulfide

Concen: 0.22 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Instrument :

MSVOA_X

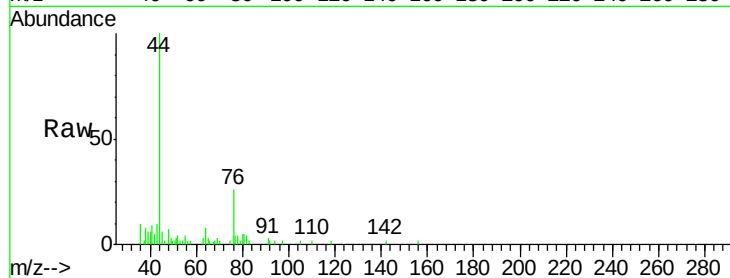
ClientSampled :

Tot Ion: 76 Resp: 1630

Ion Ratio Lower Upper

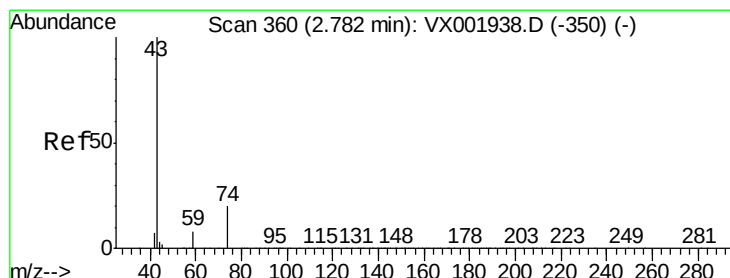
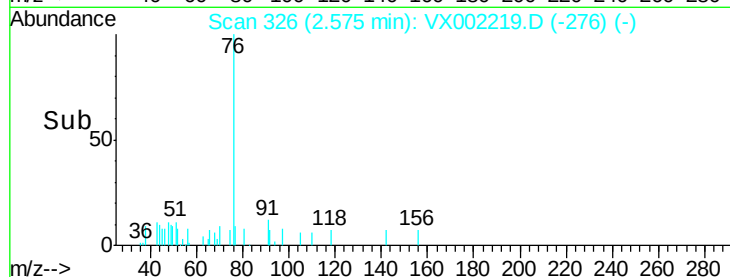
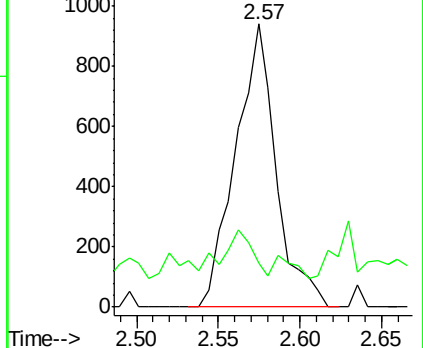
76 100

78 0.0 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: Below Cal

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX002219.D

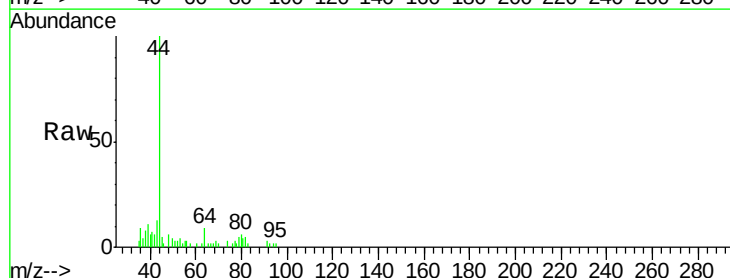
Acq: 01 Jun 2018 18:36

Tgt Ion: 43 Resp: 749

Ion Ratio Lower Upper

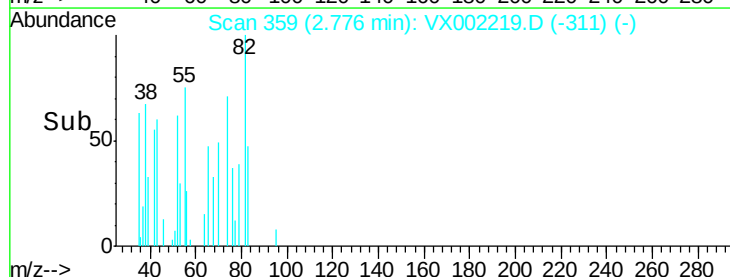
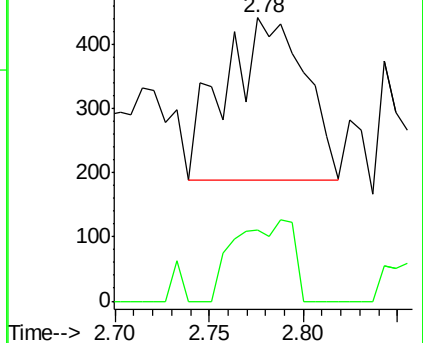
43 100

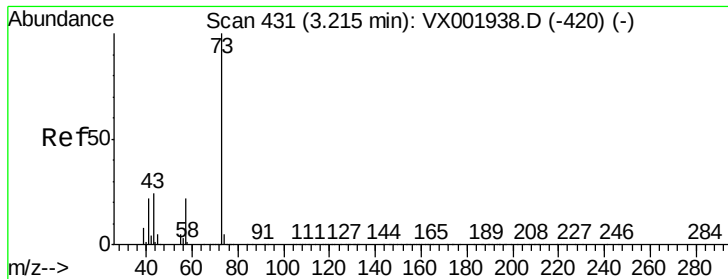
74 36.0 16.8 25.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



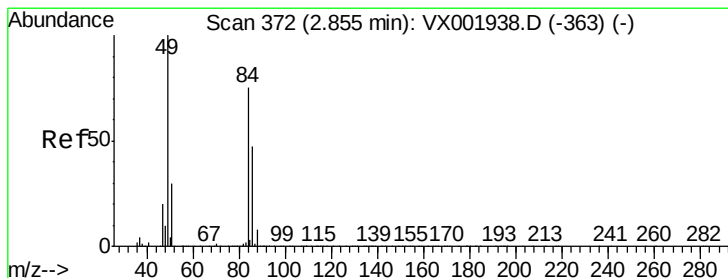
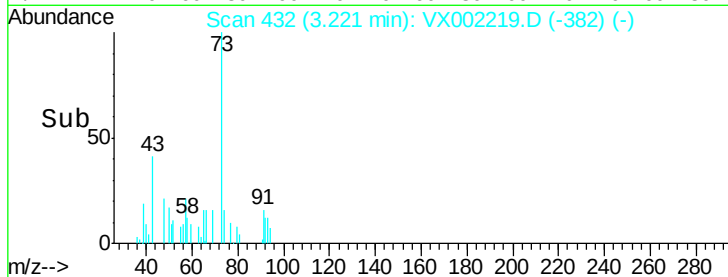
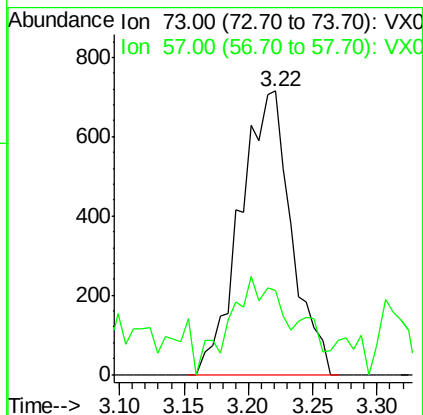
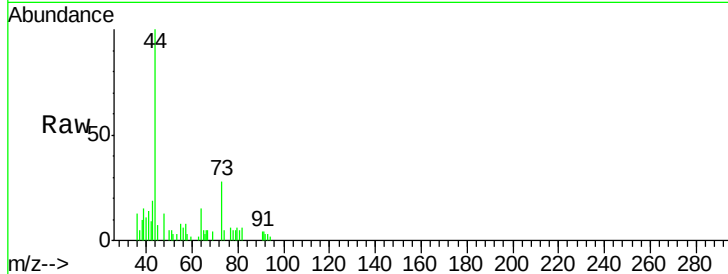


#19

Methyl tert-butyl Ether
 Concen: 0.20 ug/l
 RT: 3.22 min Scan# 432
 Delta R.T. 0.01 min
 Lab File: VX002219.D
 Acq: 01 Jun 2018 18:36

Instrument :
 MSVOA_X
 ClientSampled :

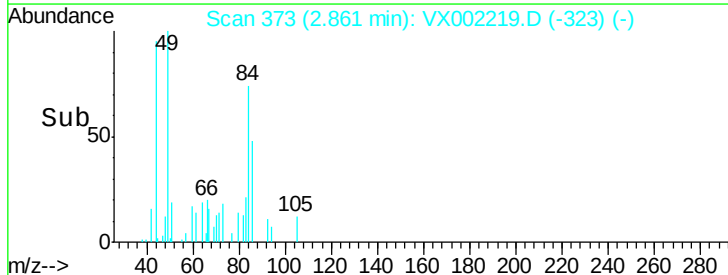
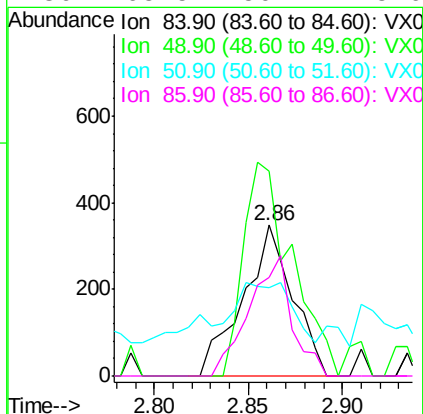
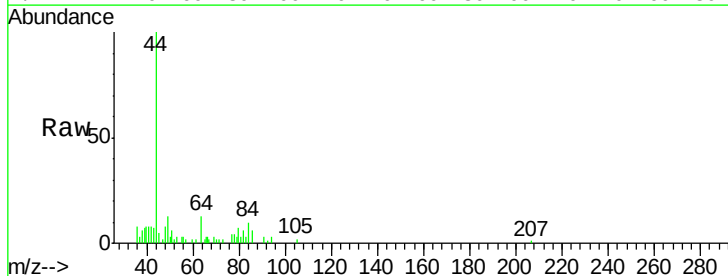
Tot Ion: 73 Resp: 1965
 Ion Ratio Lower Upper
 73 100
 57 17.8 17.4 26.0

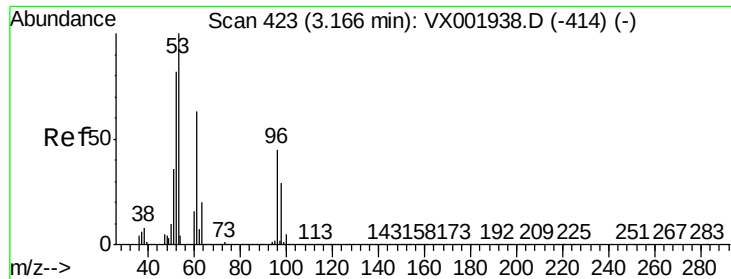


#20

Methylene Chloride
 Concen: Below Cal
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX002219.D
 Acq: 01 Jun 2018 18:36

Tgt Ion: 84 Resp: 636
 Ion Ratio Lower Upper
 84 100
 49 135.9 107.2 160.8
 51 26.7 32.4 48.6#
 86 65.5 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: Below Cal

RT: 3.17 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

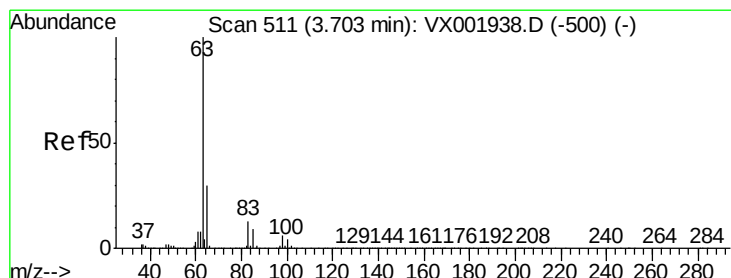
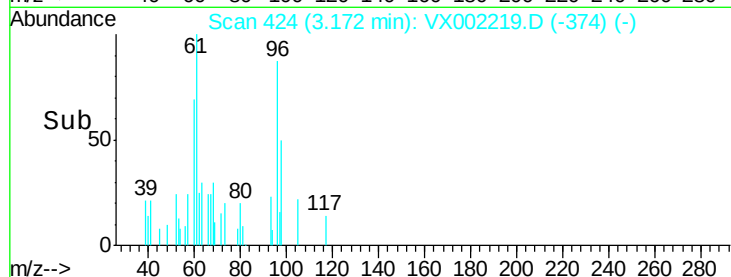
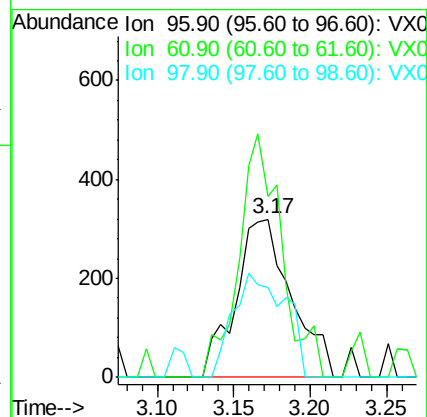
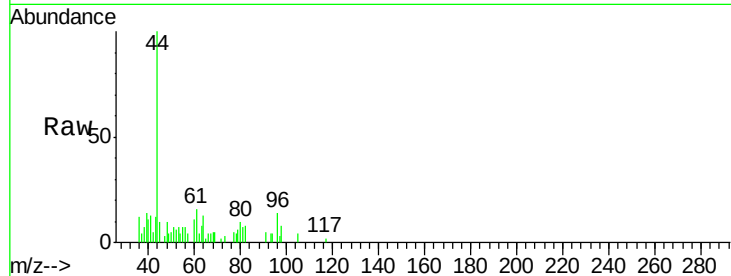
Tot Ion: 96 Resp: 812

Ion Ratio Lower Upper

96 100

61 114.4 113.3 169.9

98 57.4 51.7 77.5



#24

1,1-Dichloroethane

Concen: 0.22 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

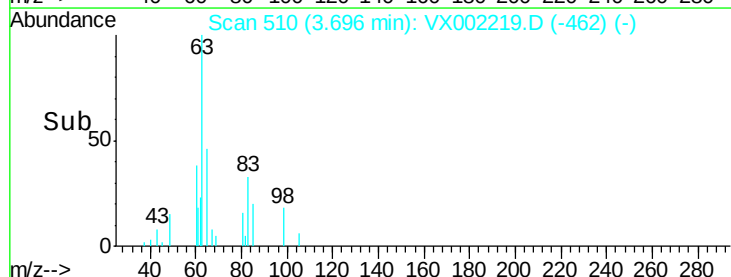
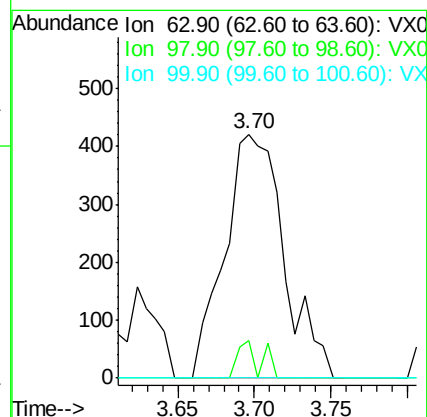
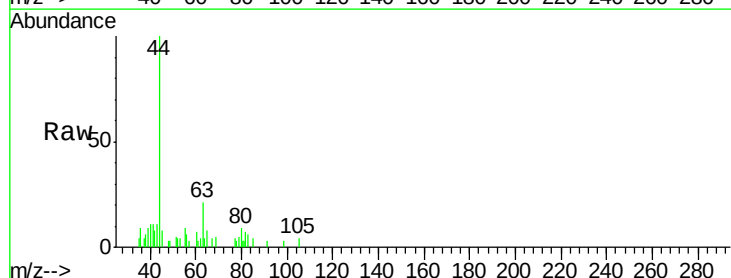
Tgt Ion: 63 Resp: 1135

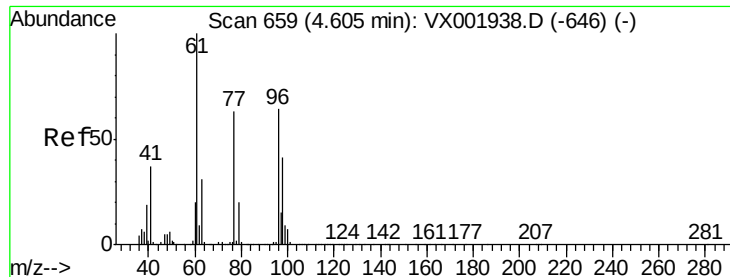
Ion Ratio Lower Upper

63 100

98 15.4 3.3 9.8#

100 0.0 2.1 6.5#





#27

cis-1,2-Dichloroethene

Concen: 4.72 ua/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampled :

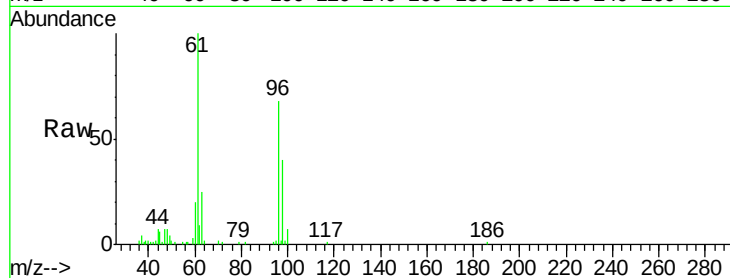
Tot Ion: 96 Resp: 15992

Ion Ratio Lower Upper

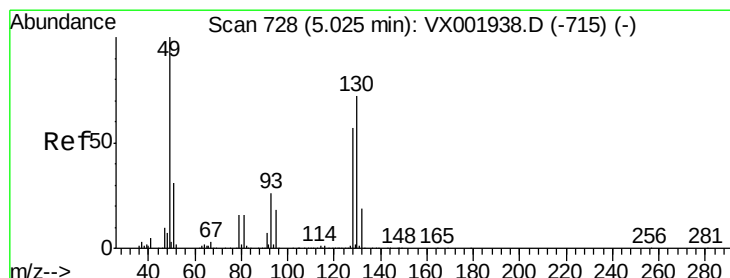
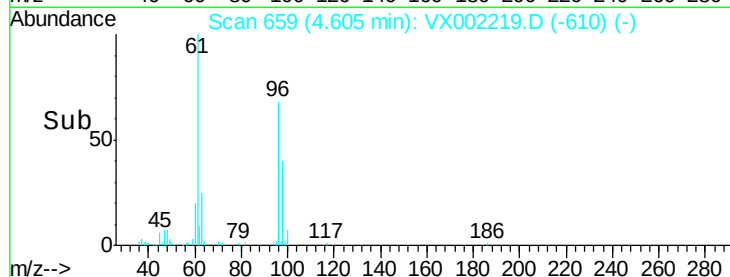
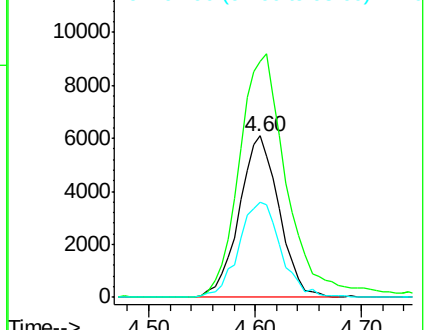
96 100

61 181.9 0.0 348.4

98 62.4 0.0 128.6



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



#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

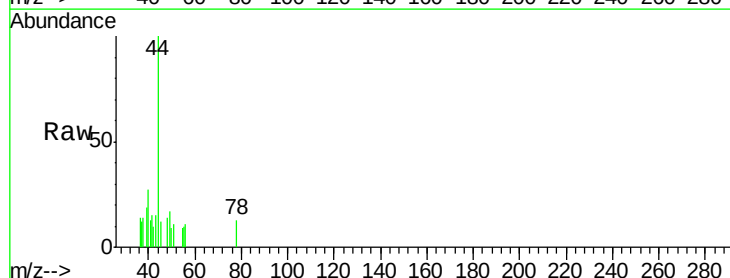
Tgt Ion: 49 Resp: 98

Ion Ratio Lower Upper

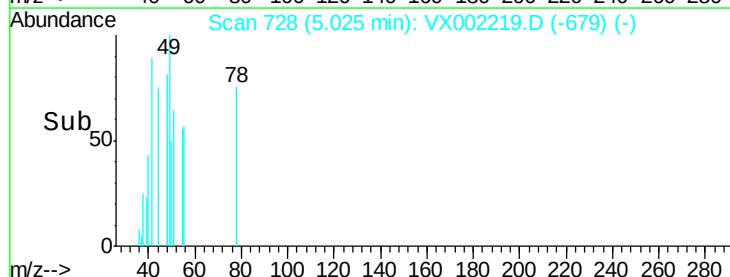
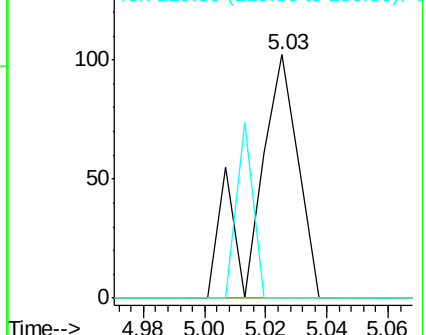
49 100

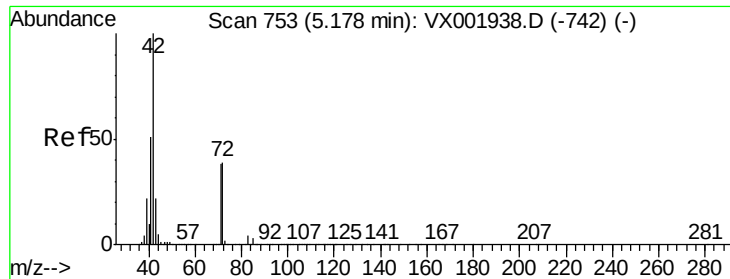
129 0.0 0.0 3.8

130 27.6 59.4 89.2#



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 0.31 ug/l

RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX002219.D

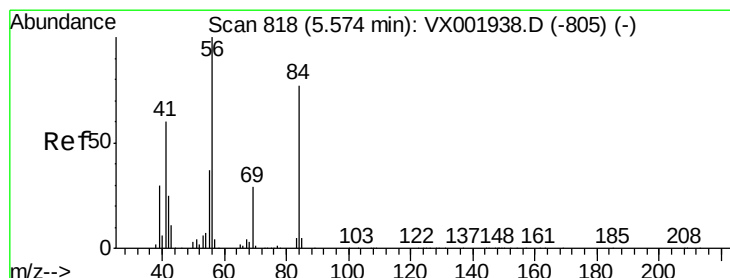
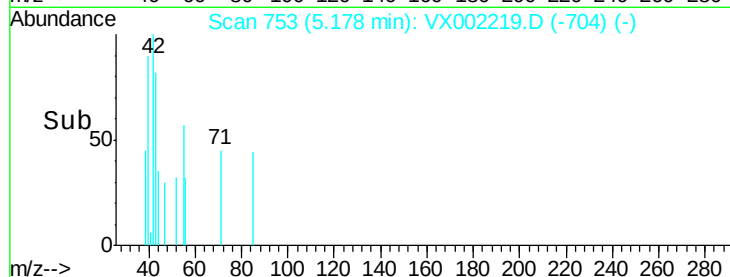
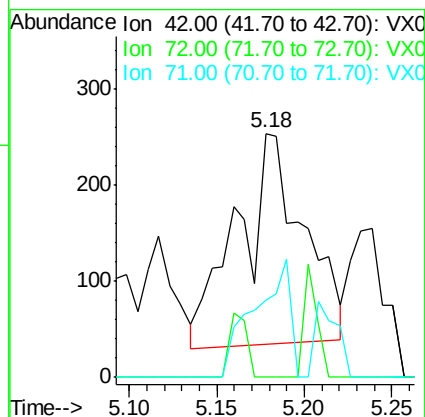
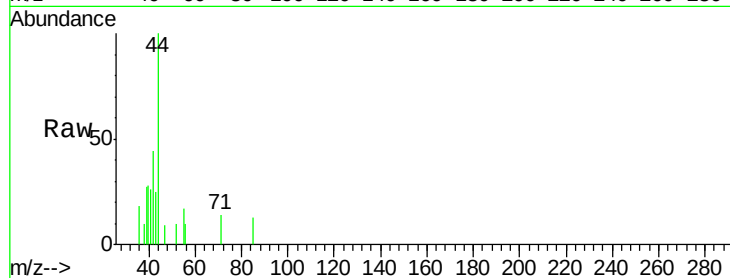
Acq: 01 Jun 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	42	Resp:	574
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.0#
71	30.3	29.5	44.3



#31

Cyclohexane

Concen: 0.93 ug/l

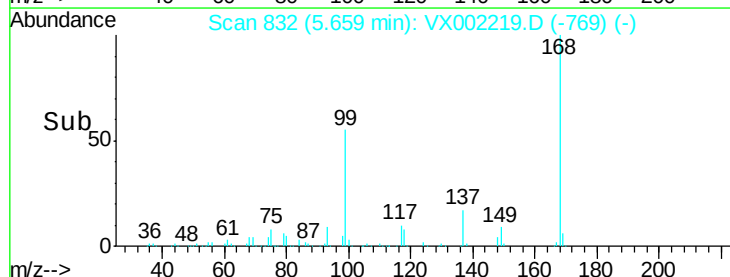
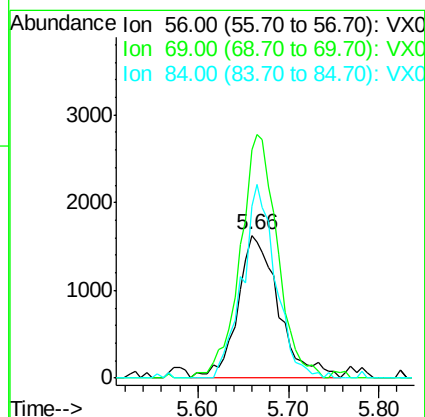
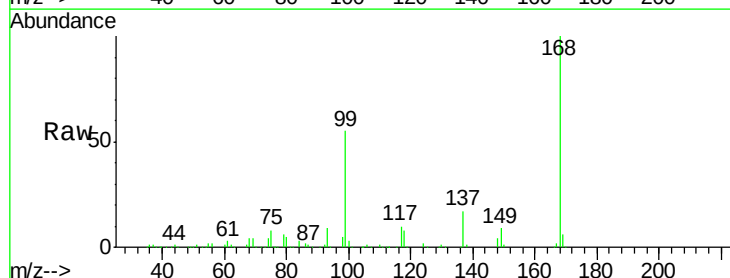
RT: 5.66 min Scan# 832

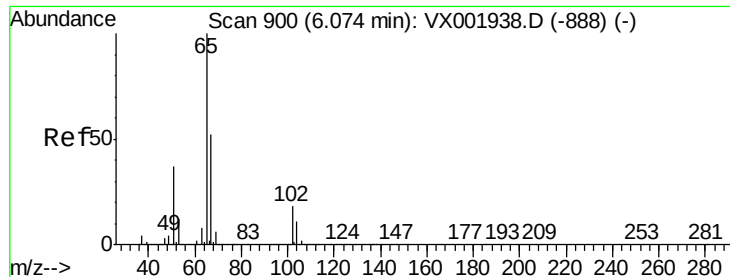
Delta R.T. 0.09 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Tgt Ion:	56	Resp:	5091
Ion	Ratio	Lower	Upper
56	100		
69	159.6	23.1	34.7#
84	120.6	62.0	93.0#

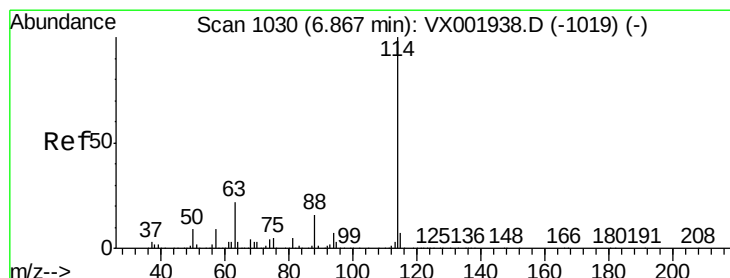
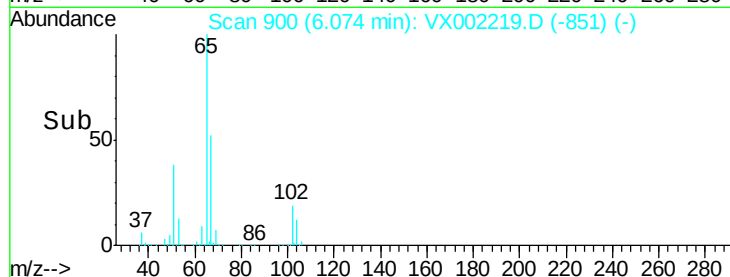
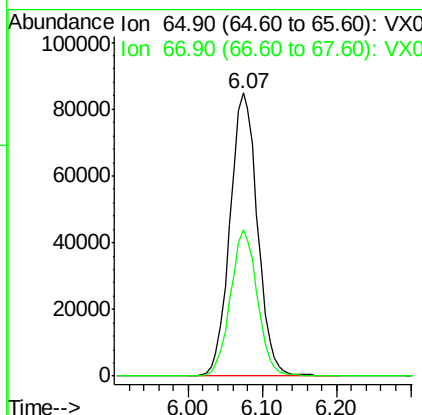
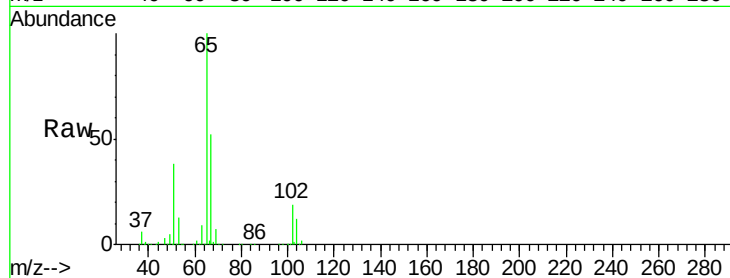




#33
 1,2-Dichloroethane-d4
 Concen: 55.21 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002219.D
 Acq: 01 Jun 2018 18:36

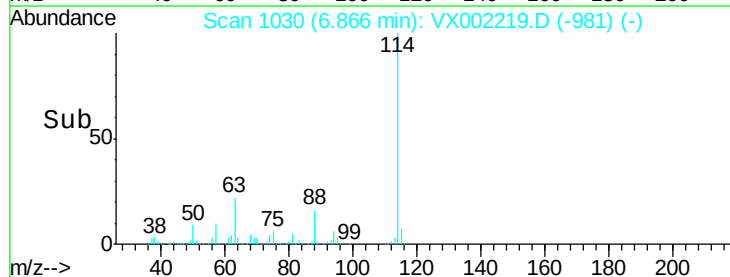
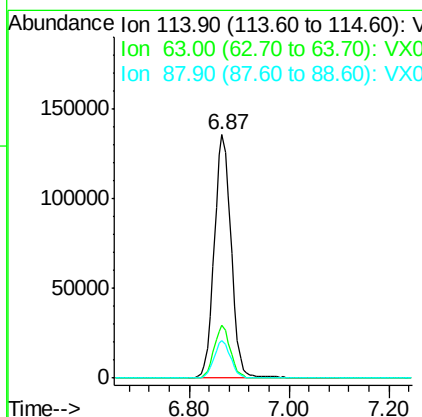
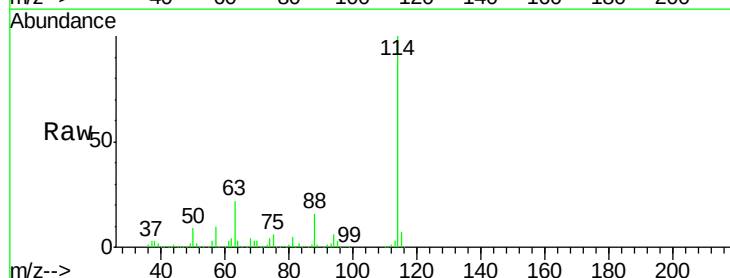
Instrument :
 MSVOA_X
 ClientSampleId :

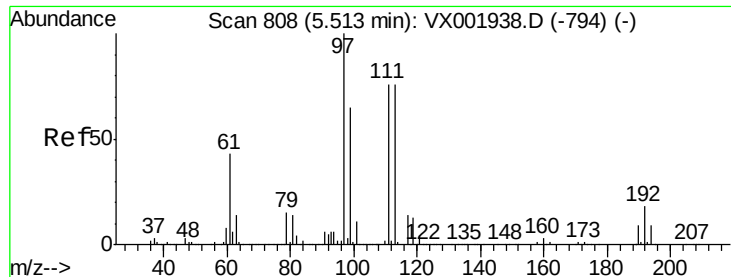
Tot Ion: 65 Resp: 219815
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002219.D
 Acq: 01 Jun 2018 18:36

Tgt Ion: 114 Resp: 319447
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 15.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.60 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

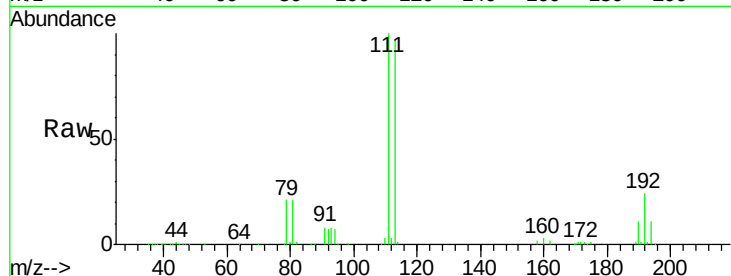
Tot Ion:113 Resp: 161638

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

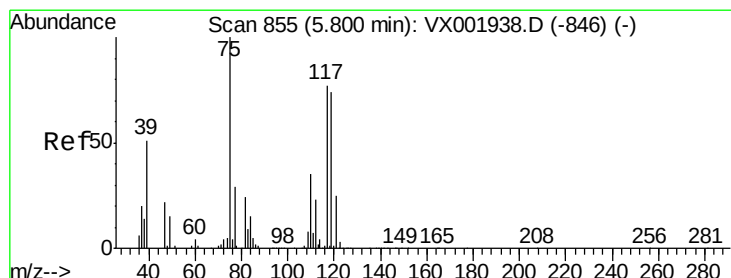
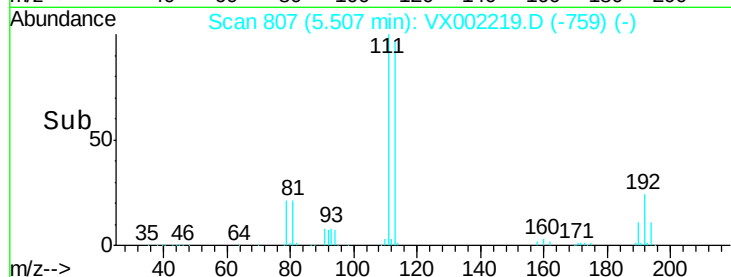
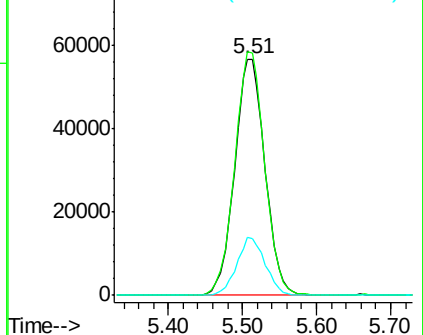
192 23.1 18.9 28.3



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: 3.57 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

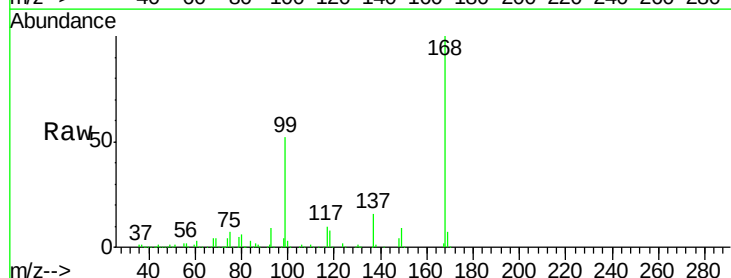
Tgt Ion: 75 Resp: 15849

Ion Ratio Lower Upper

75 100

110 10.0 17.4 52.2#

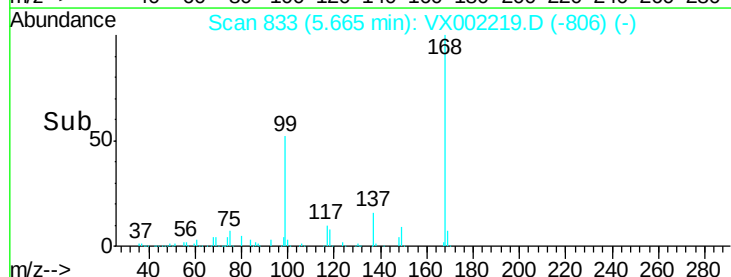
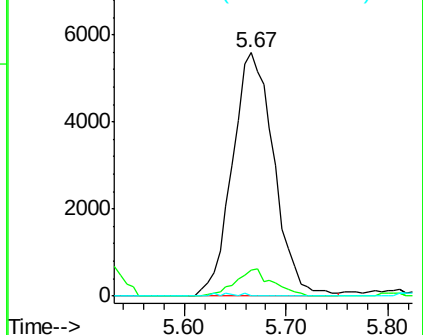
77 0.0 24.4 36.6#

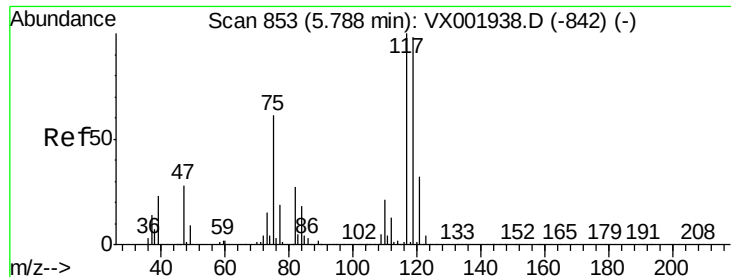


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 3.92 ua/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampled :

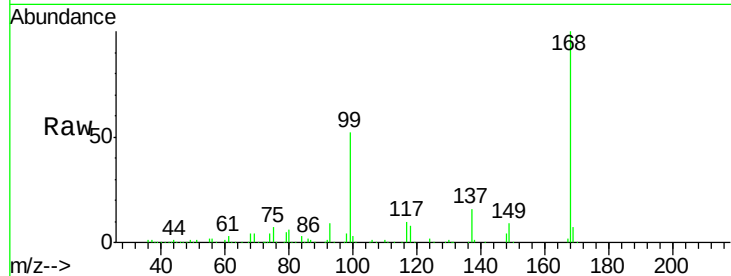
Tot Ion:117 Resp: 20308

Ion Ratio Lower Upper

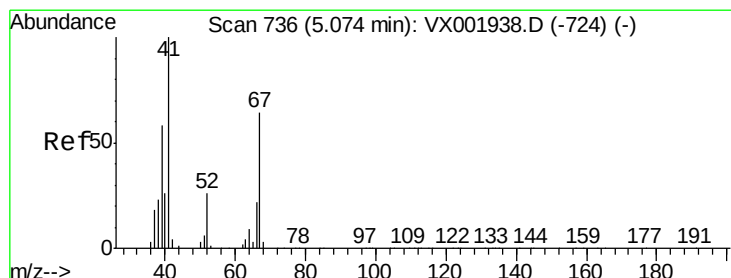
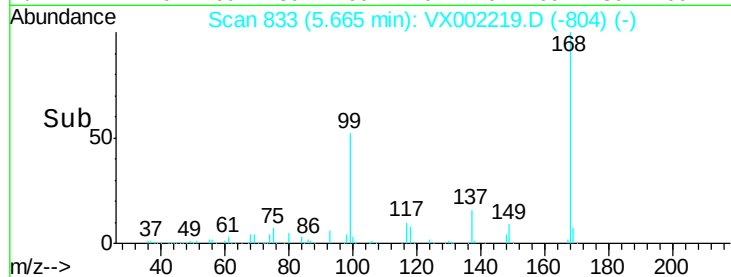
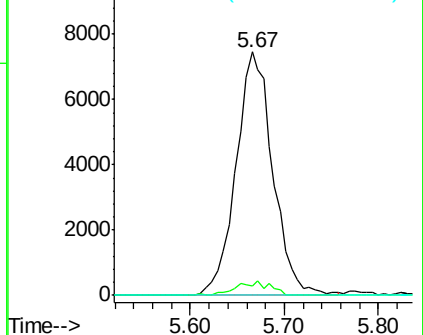
117 100

119 3.9 78.5 117.7#

121 0.0 25.5 38.3#



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



#41

Methacrylonitrile

Concen: Below Cal

RT: 5.09 min Scan# 738

Delta R.T. 0.01 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Tgt Ion: 41 Resp: 158

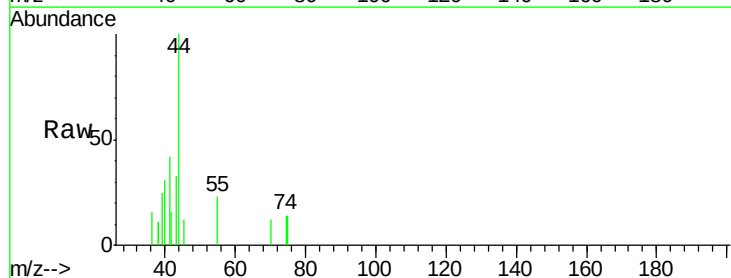
Ion Ratio Lower Upper

41 100

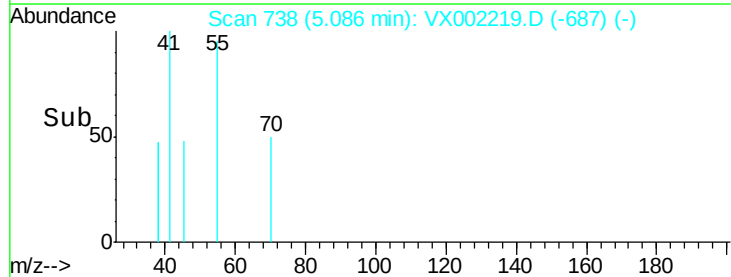
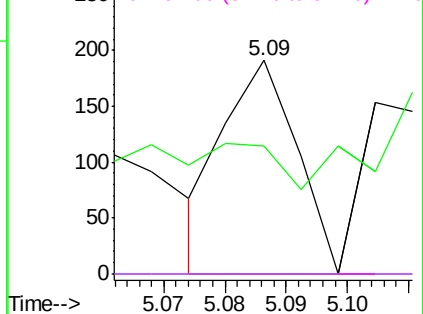
39 13.9 46.0 69.0#

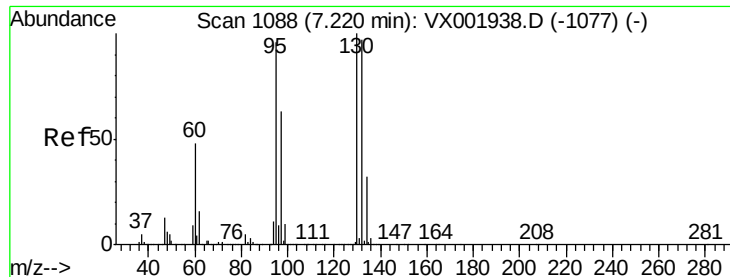
67 0.0 50.6 75.8#

52 0.0 21.9 32.9#



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: 11.16 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Instrument :

MSVOA_X

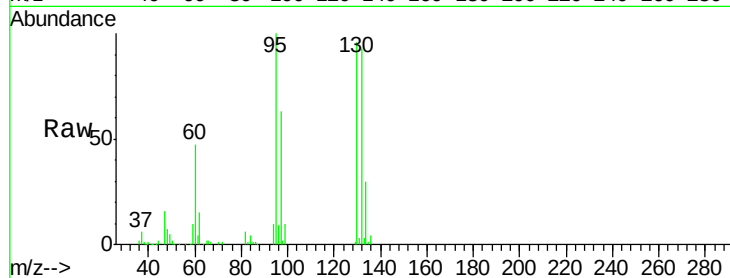
ClientSampled :

Tot Ion:130 Resp: 42333

Ion Ratio Lower Upper

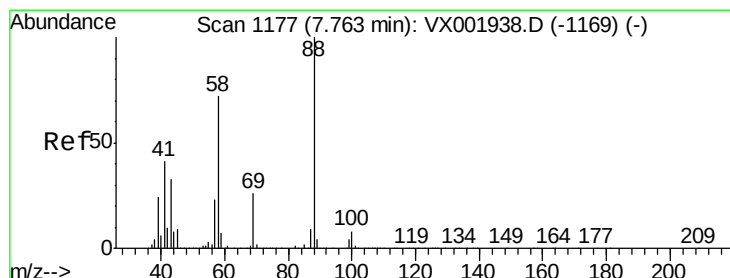
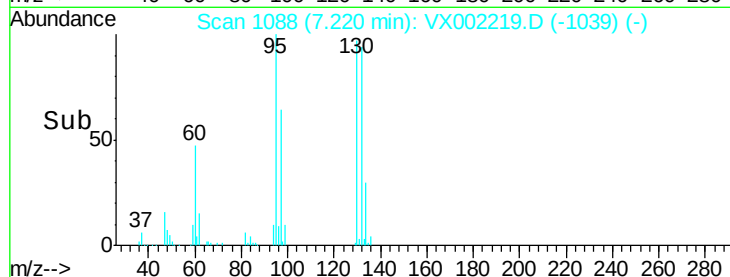
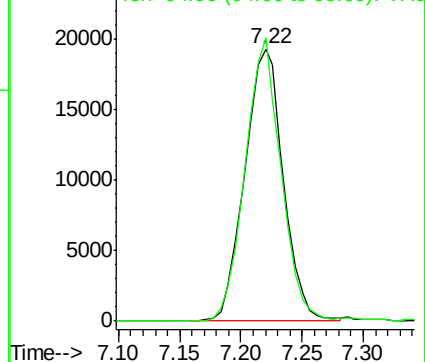
130 100

95 104.1 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 0.22 ug/l

RT: 7.51 min Scan# 1135

Delta R.T. -0.26 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

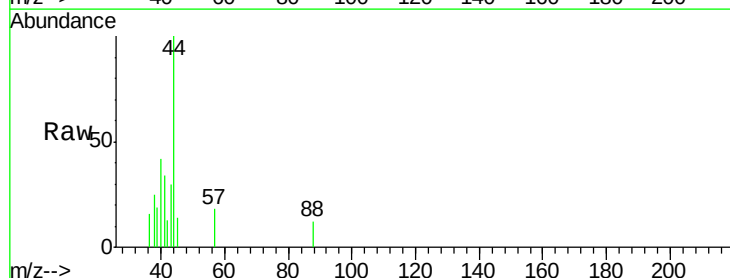
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 310.5 29.8 44.8#

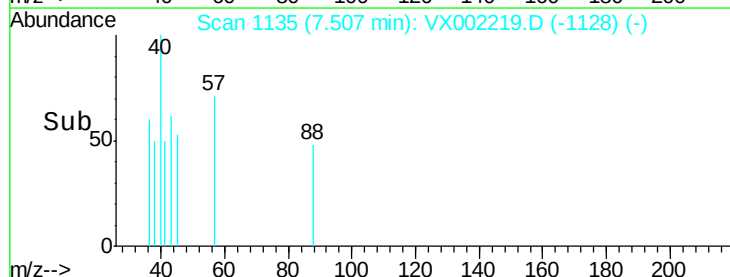
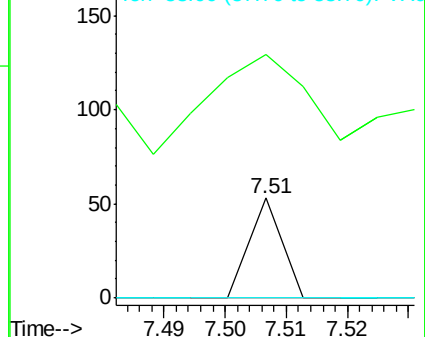
58 0.0 58.7 88.1#

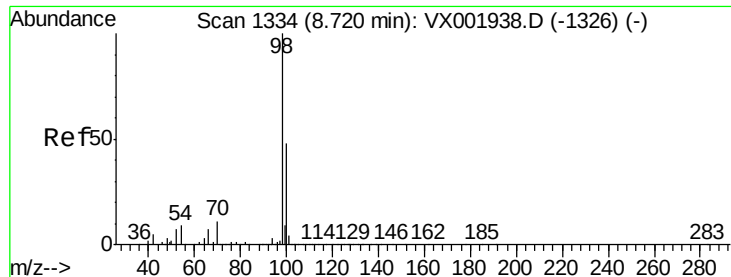


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 54.80 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Instrument :

MSVOA_X

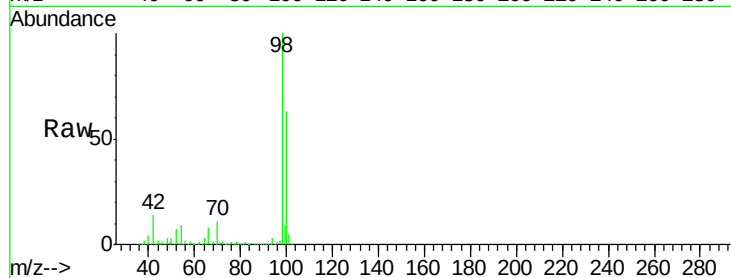
ClientSampleId :

Tot Ion: 98 Resp: 633802

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

400000

300000

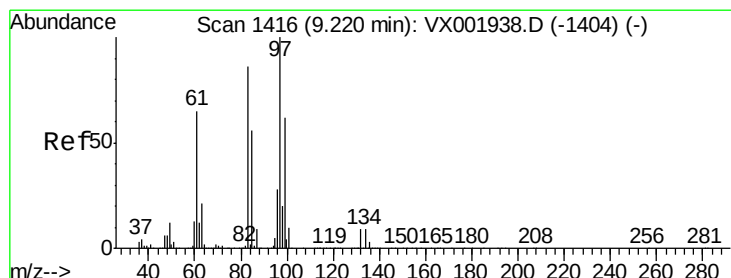
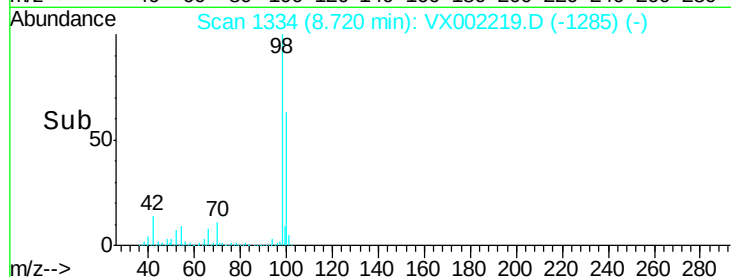
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.37 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Tgt Ion: 97 Resp: 1286

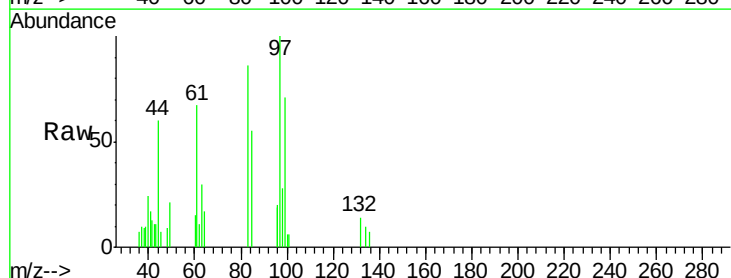
Ion Ratio Lower Upper

97 100

83 86.5 69.1 103.7

85 55.0 45.2 67.8

99 71.1 49.6 74.4



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

1200

1000

800

600

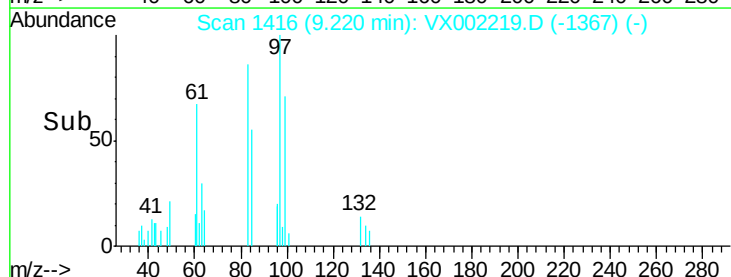
400

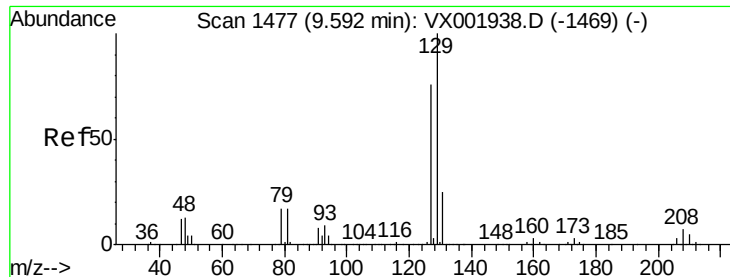
200

0

9.15 9.20 9.25

Time-->





#60

Dibromochloromethane

Concen: 1.62 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

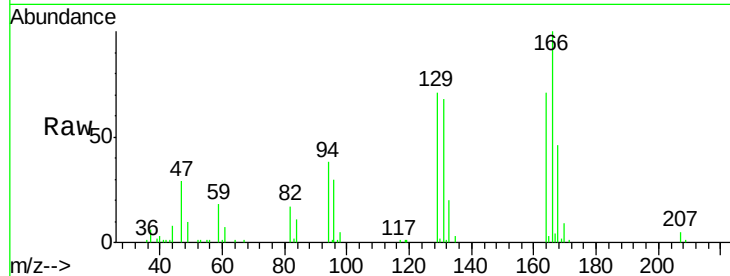
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 6652

Ion Ratio Lower Upper

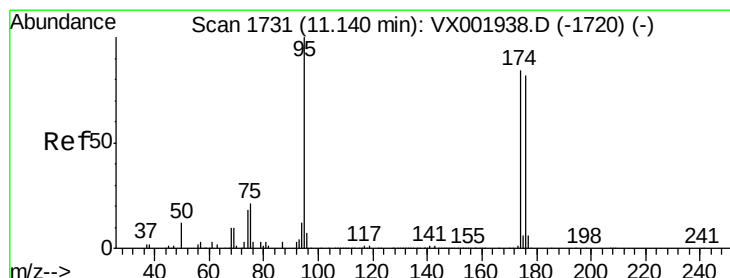
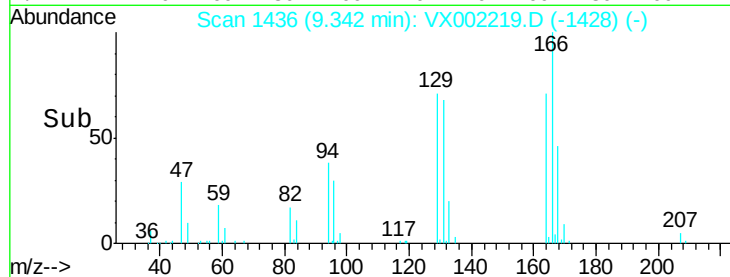
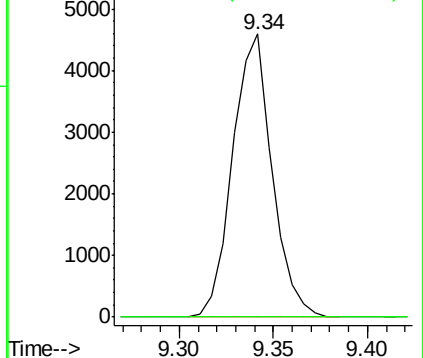
129 100

127 0.0 38.3 114.9#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 47.64 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

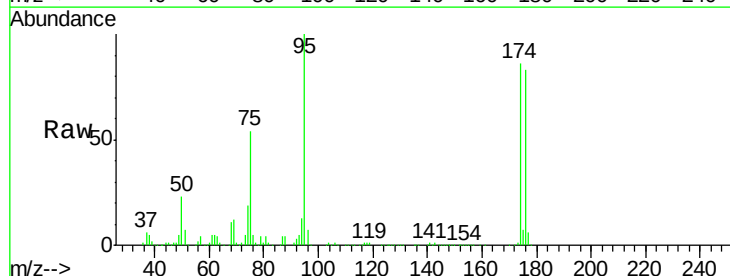
Tgt Ion: 95 Resp: 215554

Ion Ratio Lower Upper

95 100

174 93.9 0.0 178.8

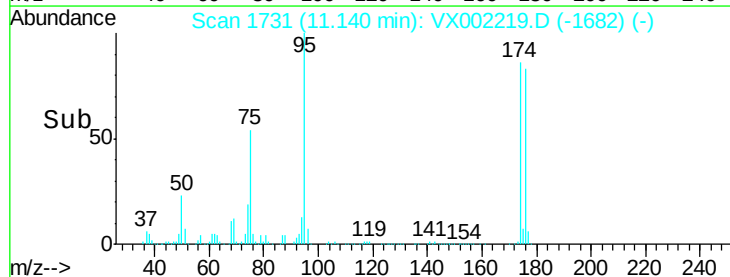
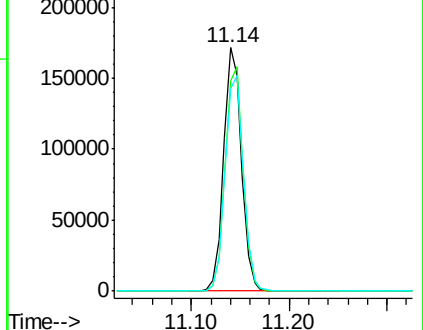
176 91.7 0.0 175.6

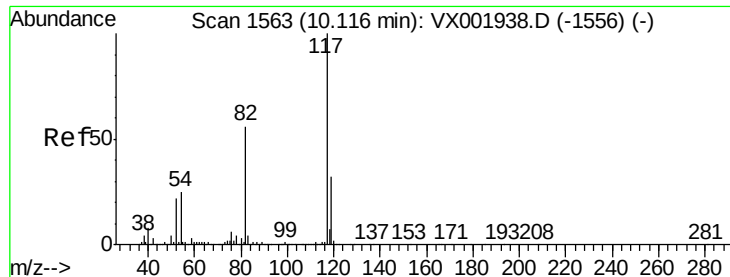


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Instrument :

MSVOA_X

ClientSampled :

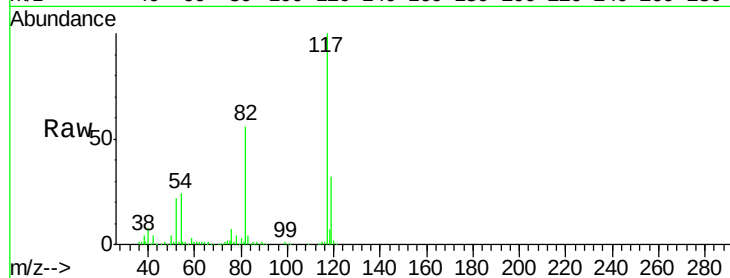
Tot Ion:117 Resp: 283306

Ion Ratio Lower Upper

117 100

82 56.0 44.8 67.2

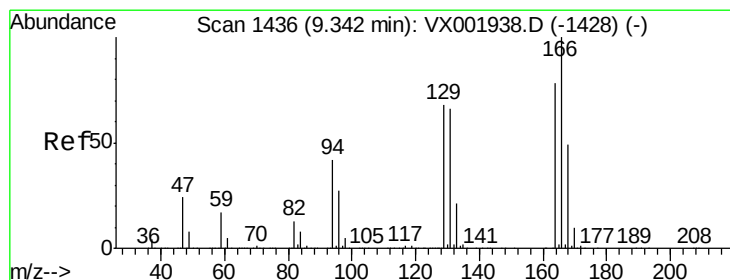
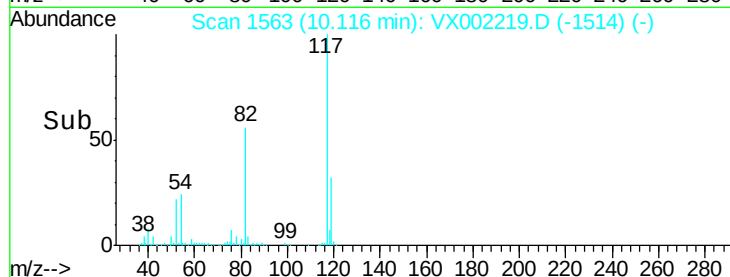
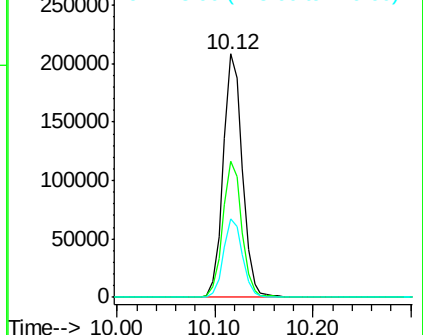
119 32.4 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 1.84 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Tgt Ion:164 Resp: 7492

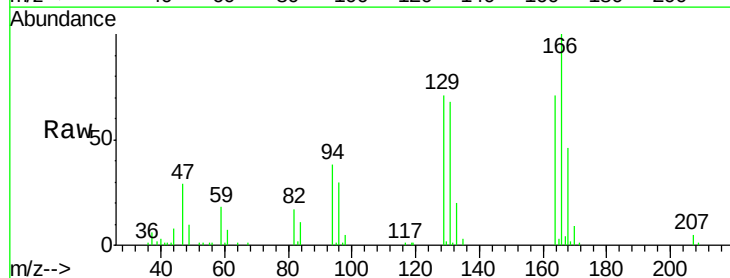
Ion Ratio Lower Upper

164 100

166 139.9 102.7 154.1

129 98.9 70.3 105.5

131 95.0 68.2 102.4

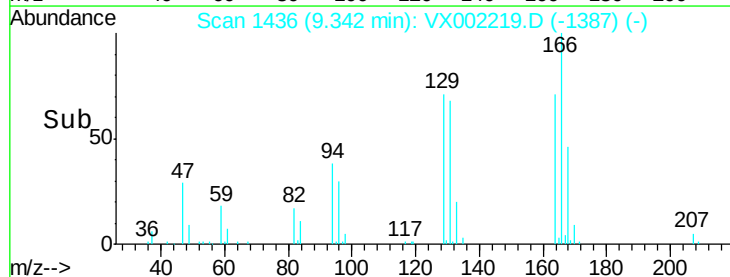
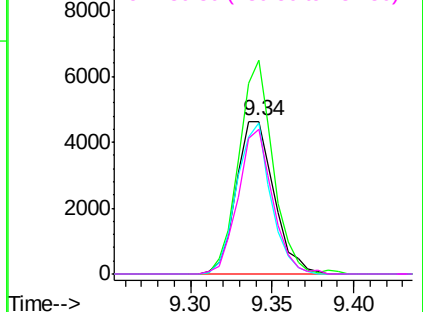


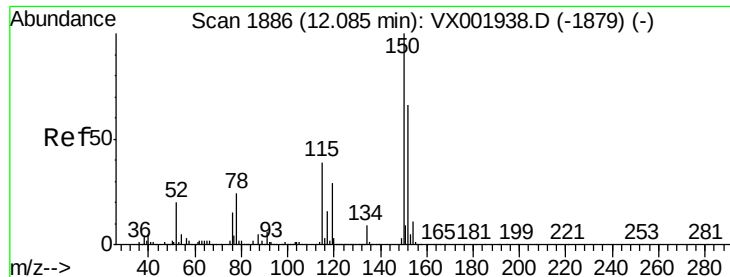
Abundance Ion 163.80 (163.50 to 164.50): V

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



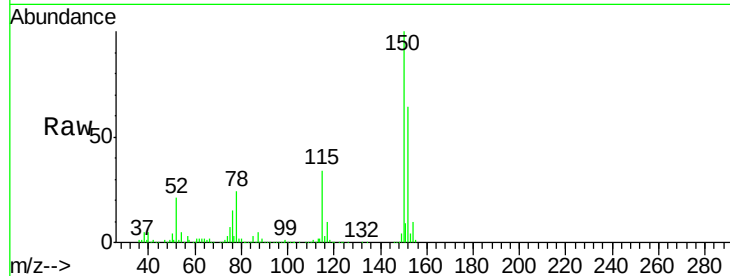


#72

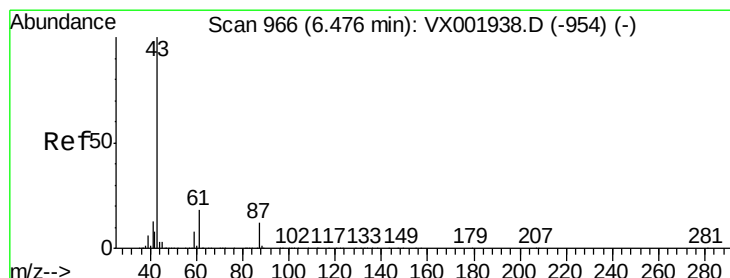
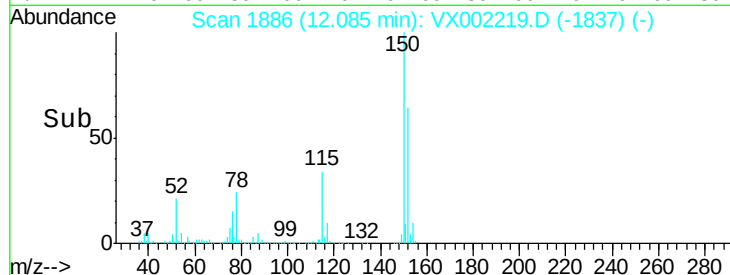
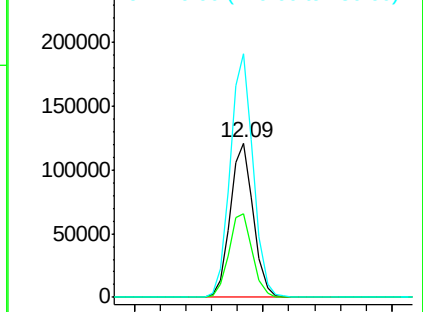
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	42.3	126.8
150	157.6	0.0	351.0



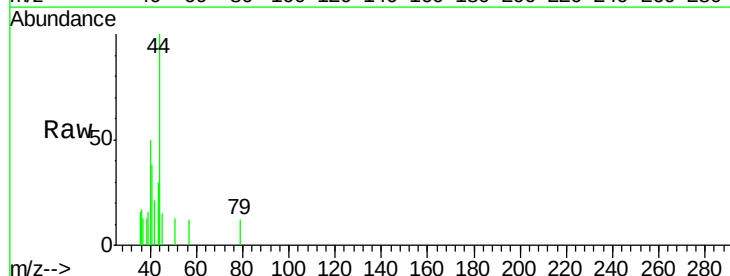
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



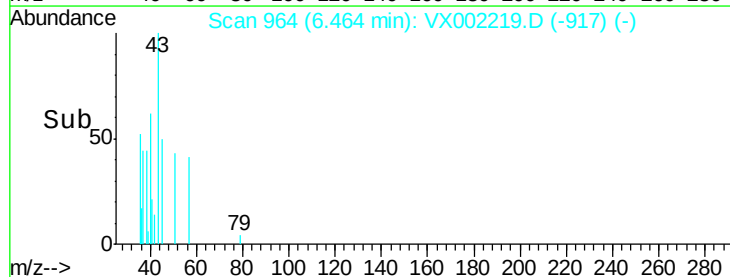
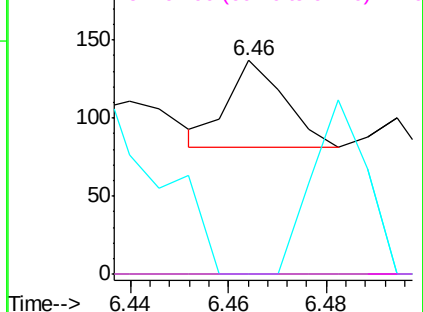
#74

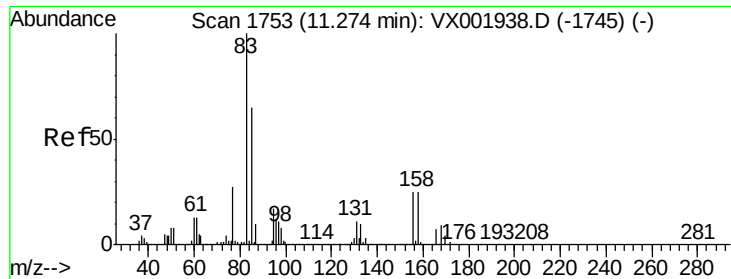
N-ethyl acetate
Concen: Below Cal
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX002219.D
Acq: 01 Jun 2018 18:36

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.1	0.1#
55	193.3	0.1	0.1#
61	0.0	14.5	21.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 70.00 (69.70 to 70.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.14 min Scan# 1731

Delta R.T. -0.13 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

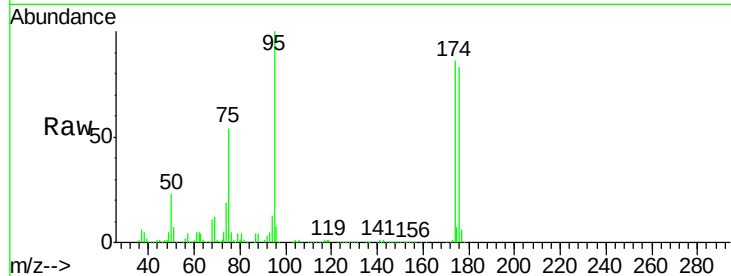
Tot Ion: 83 Resp: 301

Ion Ratio Lower Upper

83 100

131 100.7 5.7 17.0#

85 0.0 32.6 97.7#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

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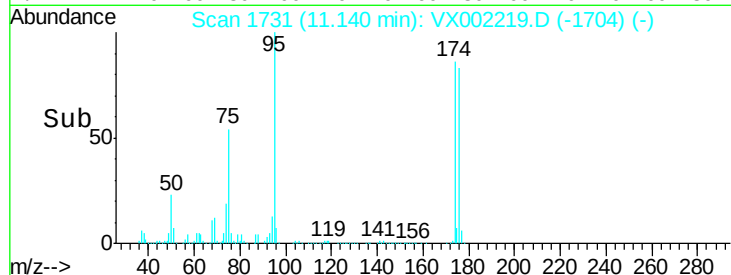
11.14

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11.14



#76

1,2,3-Trichloropropane

Concen: 32.39 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002219.D

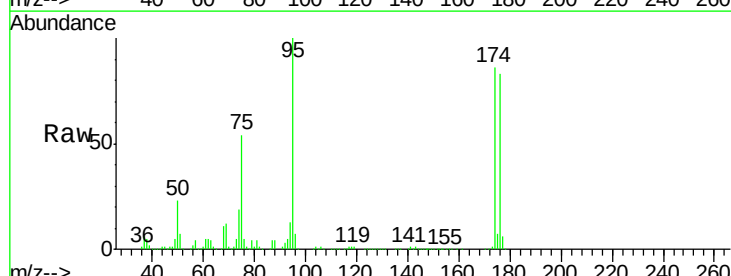
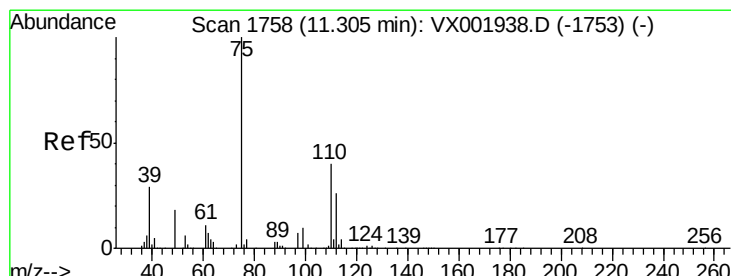
Acq: 01 Jun 2018 18:36

Tgt Ion: 75 Resp: 117885

Ion Ratio Lower Upper

75 100

77 1.3 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

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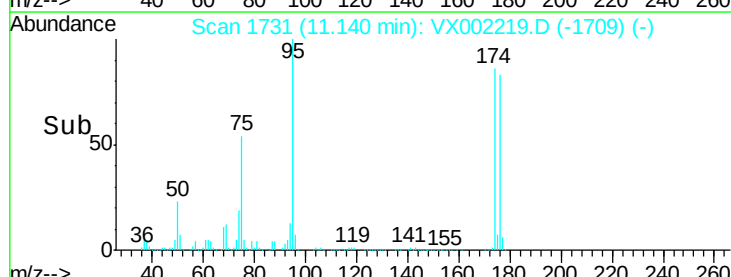
11.14

11.14

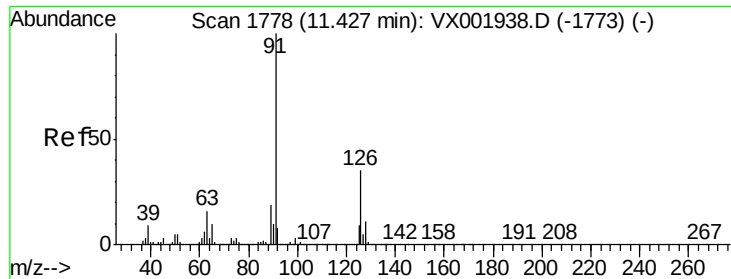
11.14

11.14

11.14



Time-->



#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

Instrument :

MSVOA_X

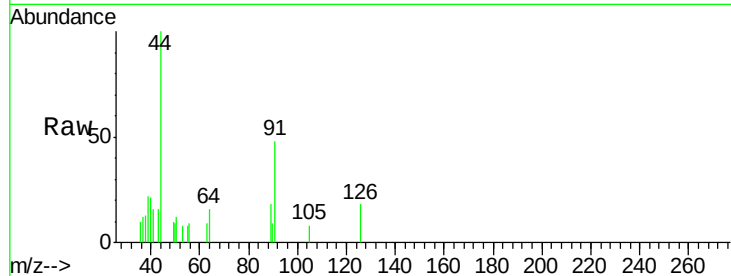
ClientSampleId :

Tot Ion: 91 Resp: 458

Ion Ratio Lower Upper

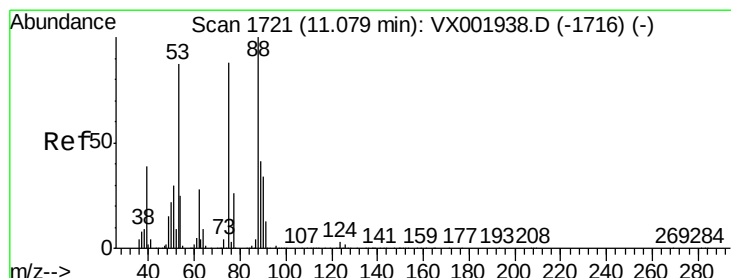
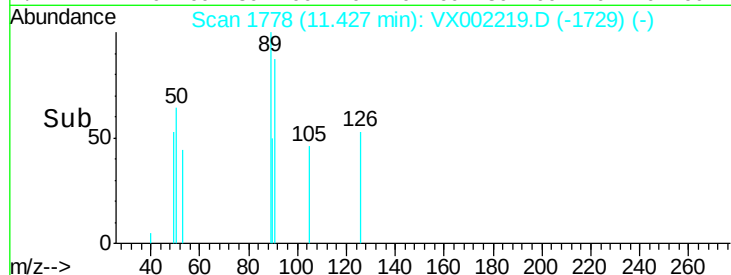
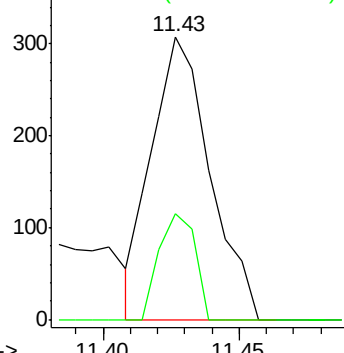
91 100

126 23.1 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 77.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002219.D

Acq: 01 Jun 2018 18:36

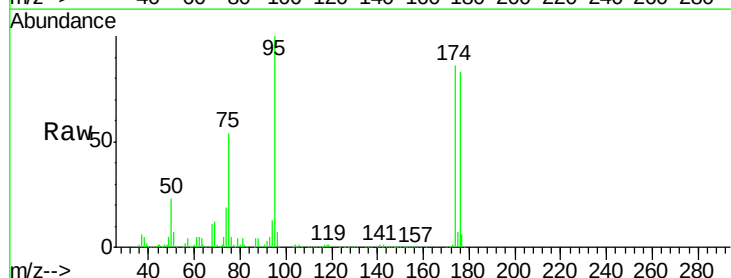
Tgt Ion: 75 Resp: 117885

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.0 39.4 59.2#



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

