

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002056.D
 Acq On : 27 May 2018 08:43
 Operator : JC/MD
 Sample : J3130-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 00:53:16 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	1352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1529	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	42181	1745.40	ug/l	0.00
Spiked Amount	50.000		Recovery	= 3490.80%		
35) Dibromofluoromethane	5.51	113	29618	1937.08	ug/l	0.00
Spiked Amount	50.000		Recovery	= 3874.16%		
50) Toluene-d8	8.72	98	101700	1837.22	ug/l	0.00
Spiked Amount	50.000		Recovery	= 3674.44%		
62) 4-Bromofluorobenzene	11.14	95	36647	1692.07	ug/l	0.00
Spiked Amount	50.000		Recovery	= 3384.14%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.22	85	62	1.70	ug/l #	41
3) Chloromethane	1.32	50	910	43.75	ug/l #	18
4) Vinyl Chloride	1.40	62	49	2.44	ug/l #	43
5) Bromomethane	1.67	94	1067	116.69	ug/l #	55
6) Chloroethane	1.70	64	68	5.74	ug/l #	1
7) Trichlorofluoromethane	1.93	101	22	0.73	ug/l #	82
8) Diethyl Ether	2.19	74	10471	956.77	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	52	3.09	ug/l #	1
10) Methyl Iodide	2.52	142	574	25.20	ug/l #	81
11) Tert butyl alcohol	3.03	59	2287	482.10	ug/l	97
12) 1,1-Dichloroethene	2.37	96	290	18.40	ug/l #	1
13) Acrolein	2.31	56	246	119.94	ug/l #	6
14) Allyl chloride	2.73	41	434	13.12	ug/l #	28
15) Acrylonitrile	3.15	53	86	8.82	ug/l #	1
16) Acetone	2.45	43	19659	2107.80	ug/l	91
17) Carbon Disulfide	2.57	76	666	14.68	ug/l #	79
18) Methyl Acetate	2.78	43	27513	1251.86	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	50	0.84	ug/l #	23
20) Methylene Chloride	2.86	84	72537	4644.99	ug/l	99
21) trans-1,2-Dichloroethene	3.13	96	71	3.15	ug/l #	62
22) Diisopropyl ether	3.87	45	125	1.86	ug/l #	1
23) Vinyl Acetate	3.85	43	157	2.81	ug/l #	74
24) 1,1-Dichloroethane	3.73	63	130	4.07	ug/l #	83
25) 2-Butanone	4.72	43	5591	327.07	ug/l #	81
26) 2,2-Dichloropropane	4.44	77	65	2.01	ug/l	82
27) cis-1,2-Dichloroethene	4.54	96	128	6.23	ug/l #	1
28) Bromochloromethane	5.00	49	43	1.21	ug/l #	14
29) Tetrahydrofuran	5.19	42	1289	115.90	ug/l	93
30) Chloroform	5.22	83	3132	86.98	ug/l	96
31) Cyclohexane	5.58	56	386	11.59	ug/l #	64
32) 1,1,1-Trichloroethane	5.51	97	26	0.77	ug/l #	31
36) 1,1-Dichloropropene	5.81	75	27	1.27	ug/l #	1
37) Ethyl Acetate	4.95	43	180	6.49	ug/l #	70
38) Carbon Tetrachloride	5.67	117	28	1.13	ug/l #	11

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Quant Time: May 28 00:53:16 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)
39) Methylcyclohexane	7.46	83	83	3.18	ug/l #	68
40) Benzene	6.15	78	1229	19.72	ug/l #	70
41) Methacrylonitrile	5.08	41	29	0.64	ug/l #	1
42) 1,2-Dichloroethane	6.18	62	21	0.84	ug/l #	1
43) Isopropyl Acetate	6.48	43	257	5.56	ug/l #	86
44) Trichloroethene	7.21	130	1163	64.05	ug/l	91
45) 1,2-Dichloropropane	7.45	63	46	2.72	ug/l #	45
46) Dibromomethane	7.83	93	21	1.87	ug/l #	1
47) Bromodichloromethane	7.90	83	875	36.63	ug/l #	77
48) Methyl methacrylate	7.79	41	110	4.68	ug/l #	1
49) 1,4-Dioxane	7.65	88	23	55.51	ug/l #	21
51) 4-Methyl-2-Pentanone	8.87	43	146	5.24	ug/l	92
52) Toluene	8.79	92	5528	139.41	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	70	2.61	ug/l #	65
55) 1,1,2-Trichloroethane	9.11	97	33	1.99	ug/l #	15
56) Ethyl methacrylate	9.18	69	229	8.04	ug/l #	47
57) 1,3-Dichloropropane	9.15	76	19	0.70	ug/l #	43
58) 2-Chloroethyl Vinyl ether	8.30	63	19	1.50	ug/l #	48
59) 2-Hexanone	9.51	43	1364	63.52	ug/l	82
60) Dibromochloromethane	9.59	129	284	14.47	ug/l	62
64) Tetrachloroethene	9.34	164	310	26.05	ug/l #	85
65) Chlorobenzene	10.14	112	220	8.37	ug/l #	42
67) Ethyl Benzene	10.26	91	10726	234.76	ug/l	100
68) m/p-Xylenes	10.36	106	9070	519.32	ug/l	97
69) o-Xylene	10.71	106	4358	249.91	ug/l	98
70) Styrene	10.72	104	6543	226.24	ug/l	98
73) Isopropylbenzene	11.02	105	1557	30.44	ug/l	99
74) N-amyl acetate	6.48	43	257	6.97	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	135	8.60	ug/l #	25
76) 1,2,3-Trichloropropane	11.14	75	18948	1306.06	ug/l #	34
78) n-propylbenzene	11.37	91	2747	47.95	ug/l	94
79) 2-Chlorotoluene	11.44	91	2673	86.75	ug/l #	48
80) 1,3,5-Trimethylbenzene	11.51	105	7546	172.64	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	18948	3139.01	ug/l #	10
82) 4-Chlorotoluene	11.51	91	1131	27.99	ug/l #	44
83) tert-Butylbenzene	12.03	119	1379	32.15	ug/l	88
84) 1,2,4-Trimethylbenzene	11.81	105	30017	664.54	ug/l	97
85) sec-Butylbenzene	11.81	105	30017	582.16	ug/l #	55
86) p-Isopropyltoluene	12.07	119	827	17.92	ug/l #	76
87) 1,3-Dichlorobenzene	12.10	146	334	13.74	ug/l	94
88) 1,4-Dichlorobenzene	12.10	146	334	13.75	ug/l	94
89) n-Butylbenzene	12.38	91	1948	49.83	ug/l #	27
90) Hexachloroethane	12.61	117	1104	121.31	ug/l #	2
91) 1,2-Dichlorobenzene	12.40	146	811	32.75	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.02	75	187	41.12	ug/l #	17
93) 1,2,4-Trichlorobenzene	13.65	180	7383	416.97	ug/l	94
95) Naphthalene	13.84	128	665957	12207.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1454	79.36	ug/l	86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

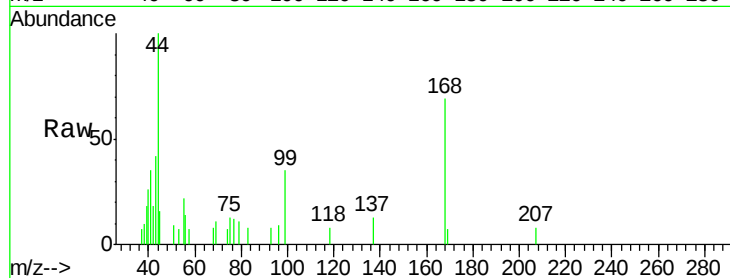
ClientSampled :

Tot Ion:168 Resp: 1352

Ion Ratio Lower Upper

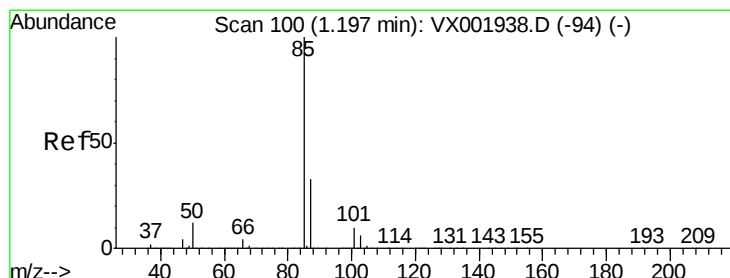
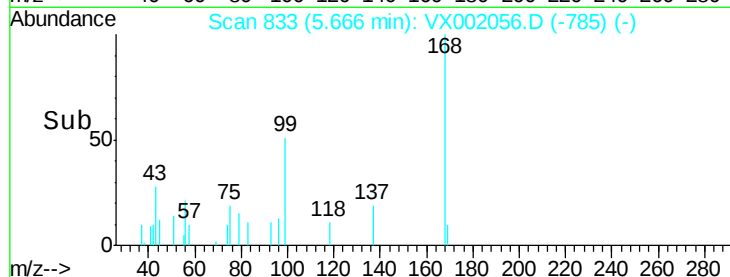
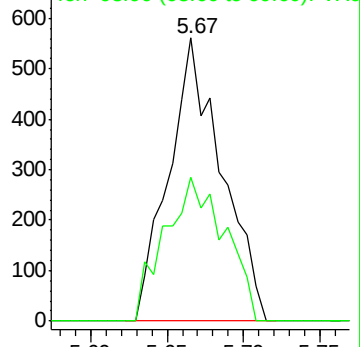
168 100

99 50.8 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: 1.70 ug/l

RT: 1.22 min Scan# 104

Delta R.T. 0.03 min

Lab File: VX002056.D

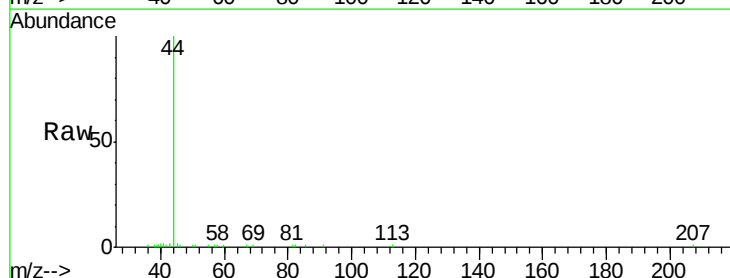
Acq: 27 May 2018 08:43

Tgt Ion: 85 Resp: 62

Ion Ratio Lower Upper

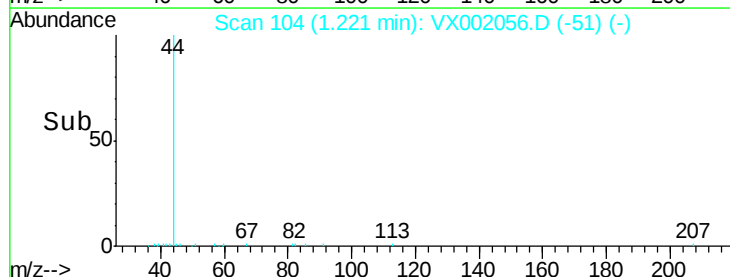
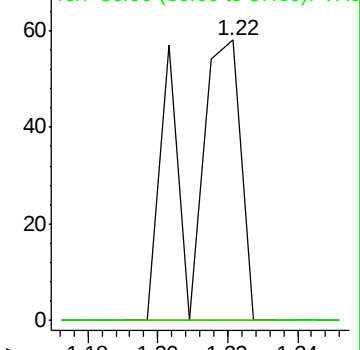
85 100

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: 43.75 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

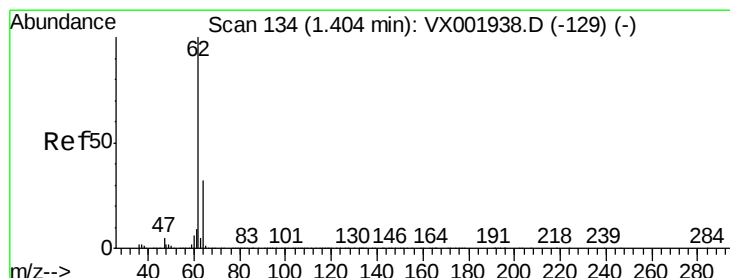
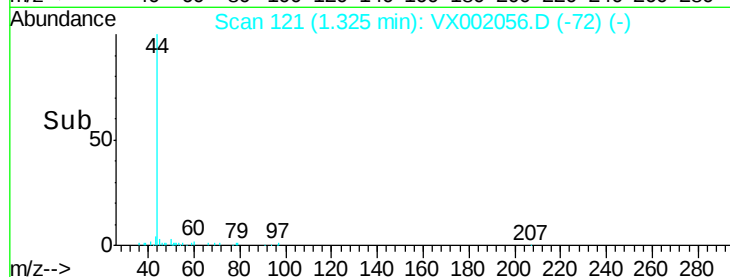
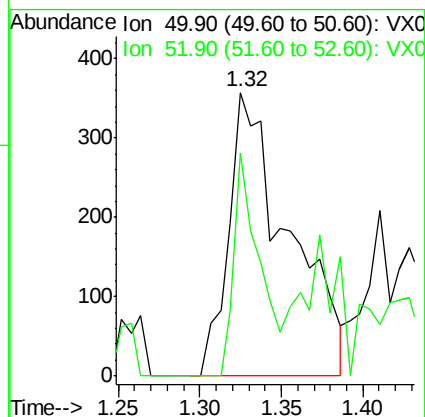
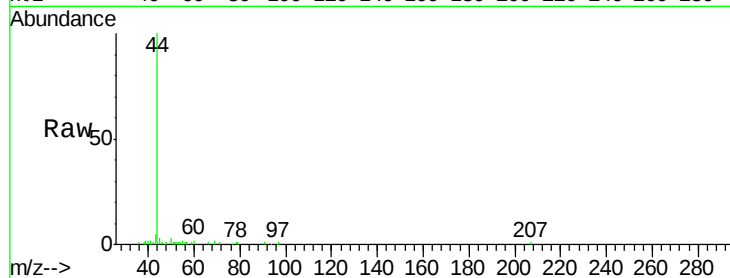
ClientSampleId :

Tot Ion: 50 Resp: 910

Ion Ratio Lower Upper

50 100

52 78.7 26.0 39.0#



#4

Vinyl Chloride

Concen: 2.44 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002056.D

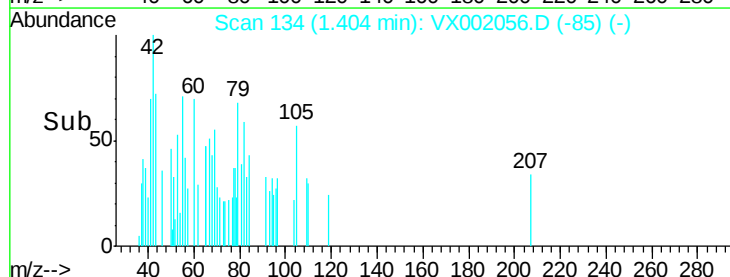
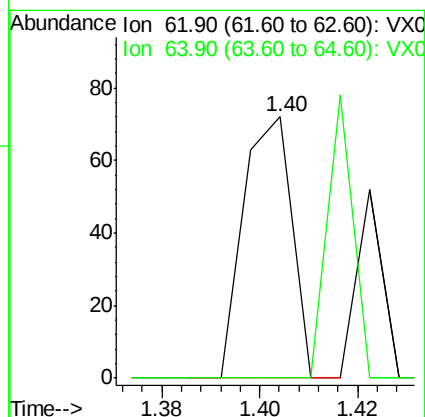
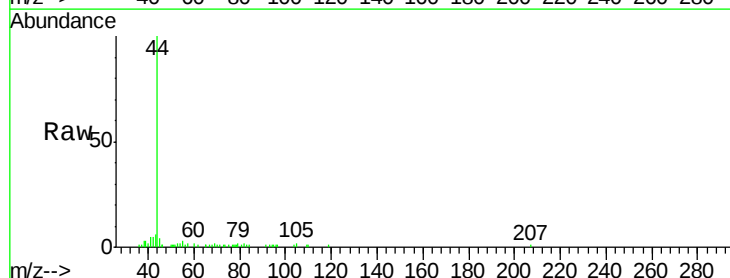
Acq: 27 May 2018 08:43

Tgt Ion: 62 Resp: 49

Ion Ratio Lower Upper

62 100

64 0.0 25.4 38.0#





#5

Bromomethane

Concen: 116.69 ug/l

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

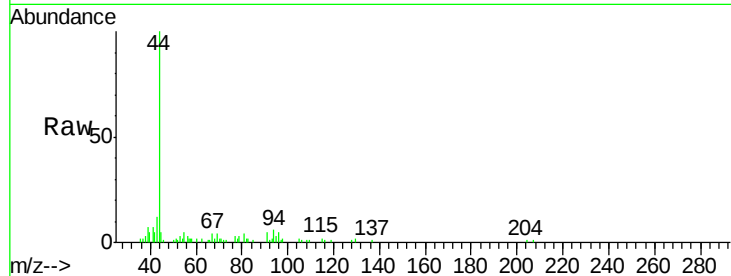
ClientSampled :

Tot Ion: 94 Resp: 1067

Ion Ratio Lower Upper

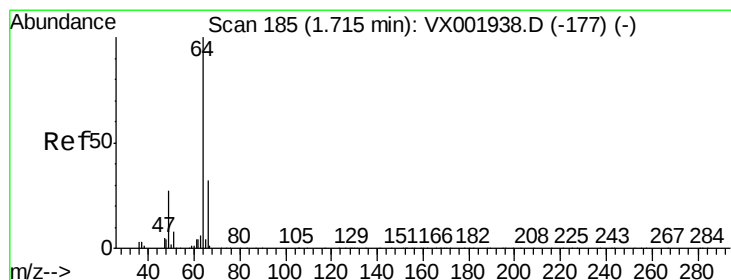
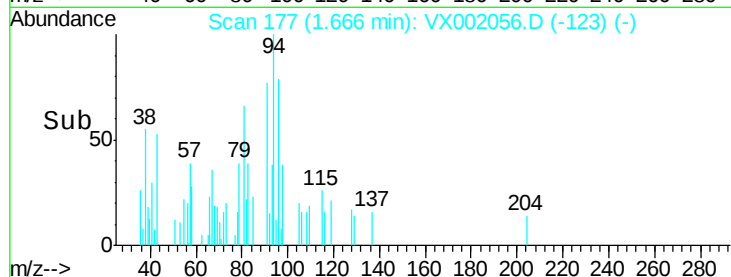
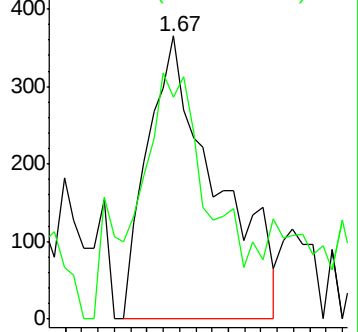
94 100

96 51.2 75.9 113.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 5.74 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.01 min

Lab File: VX002056.D

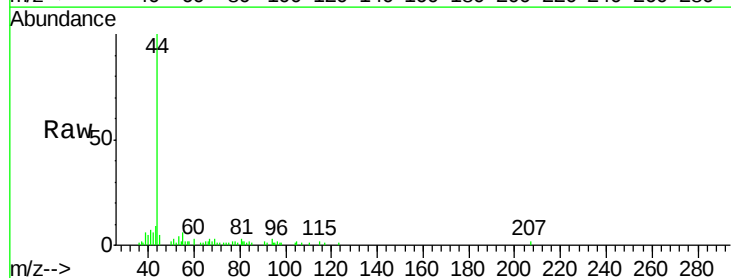
Acq: 27 May 2018 08:43

Tgt Ion: 64 Resp: 68

Ion Ratio Lower Upper

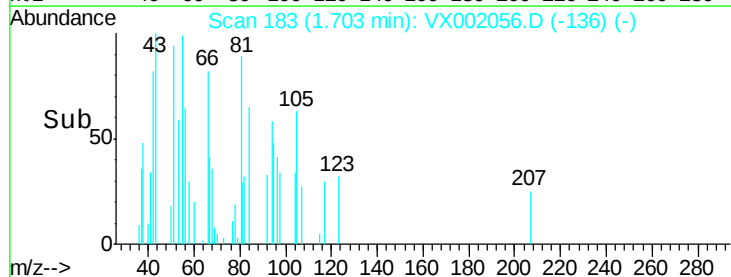
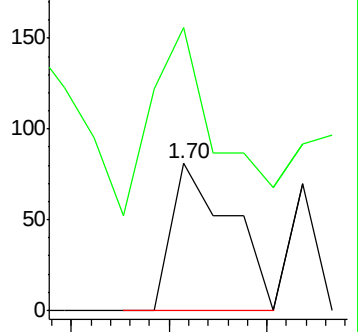
64 100

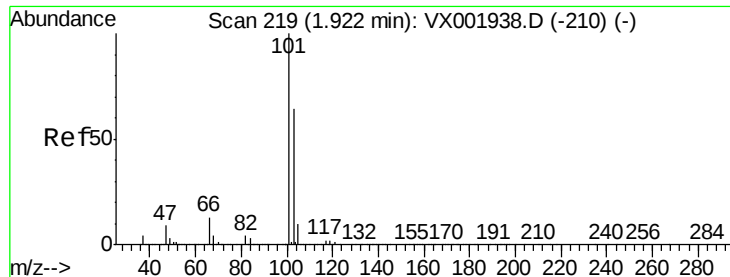
66 128.4 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



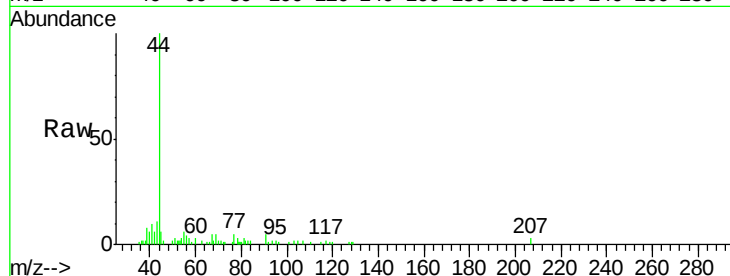


#7

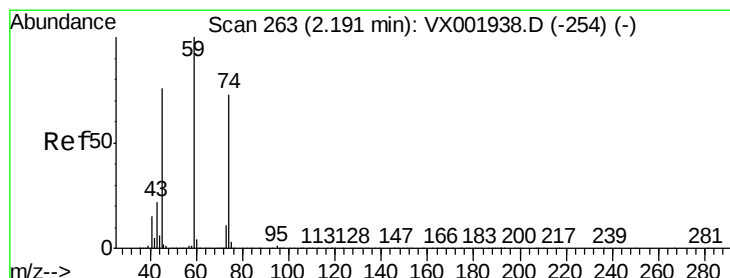
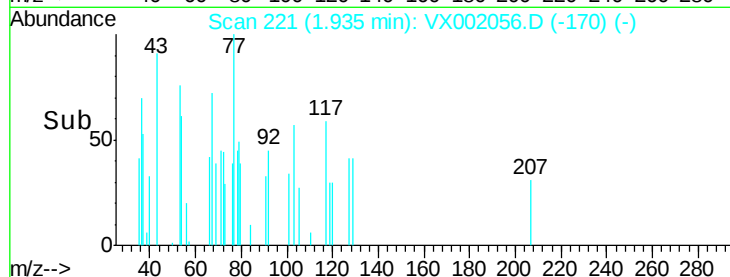
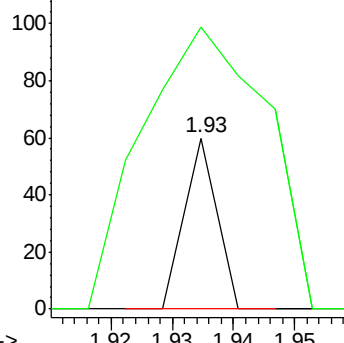
Trichlorofluoromethane
Concen: 0.73 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 22
Ion Ratio Lower Upper
101 100
103 78.3 51.4 77.0#



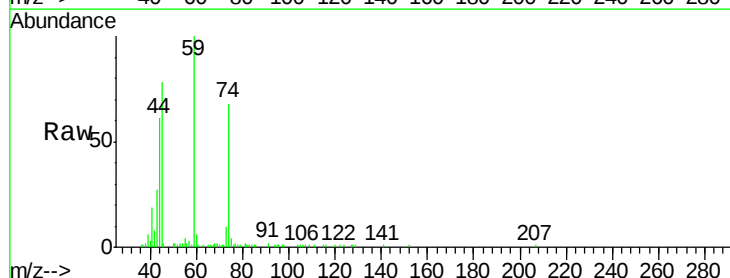
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



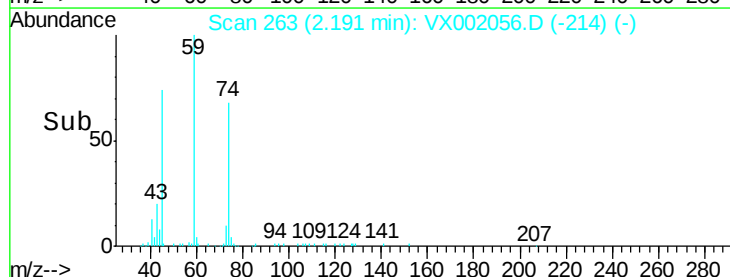
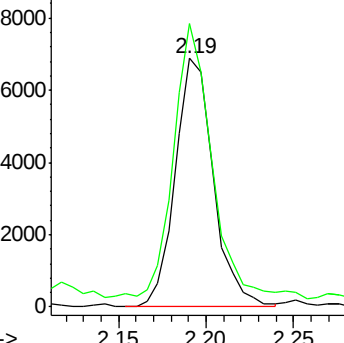
#8

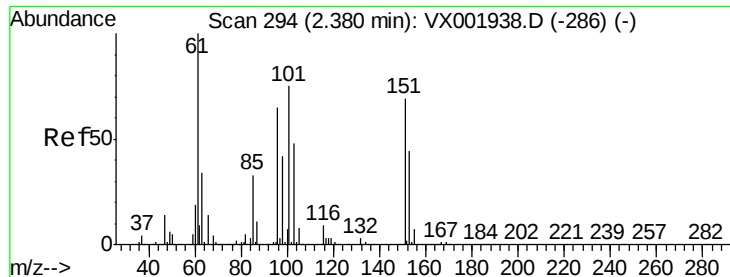
Diethyl Ether
Concen: 956.77 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

Tgt Ion: 74 Resp: 10471
Ion Ratio Lower Upper
74 100
45 109.7 51.5 154.7



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.09 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.09 min

Lab File: VX002056.D

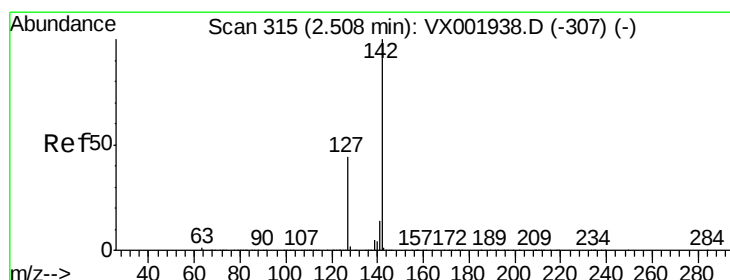
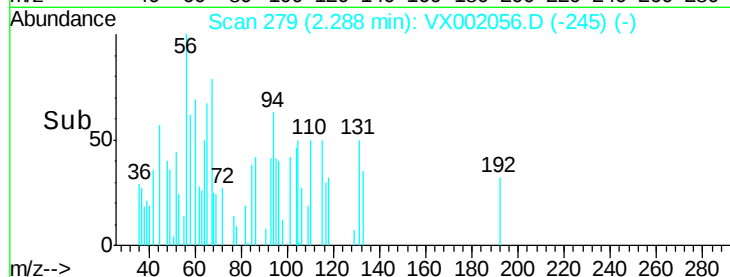
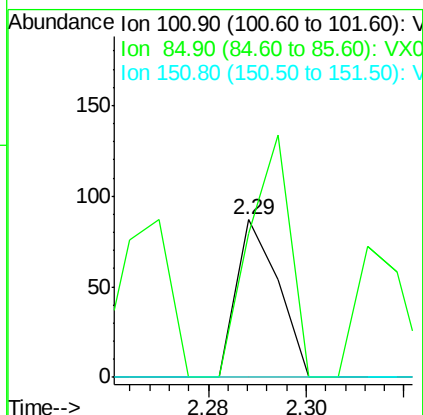
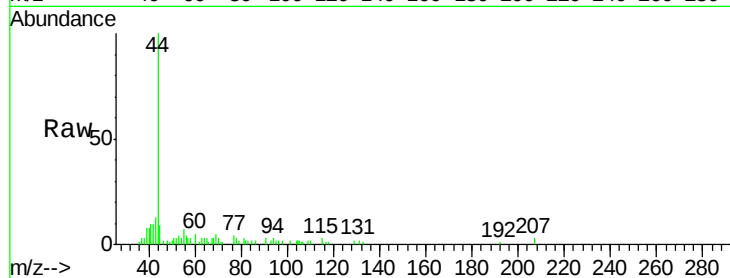
Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	101	Resp:	52
Ion	Ratio	Lower	Upper
101	100		
85	150.0	35.6	53.4#
151	0.0	73.2	109.8#



#10

Methyl Iodide

Concen: 25.20 ug/l

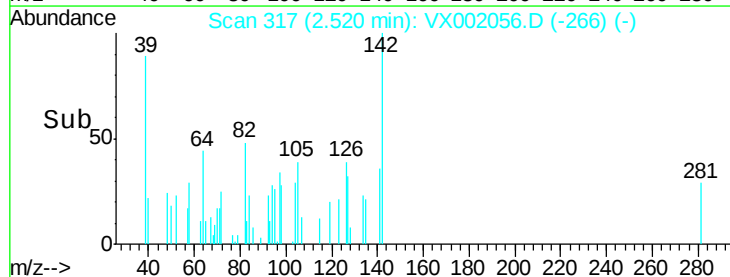
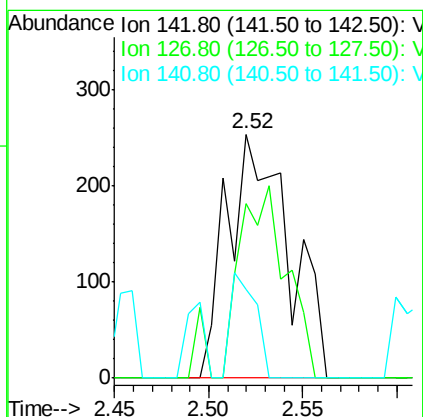
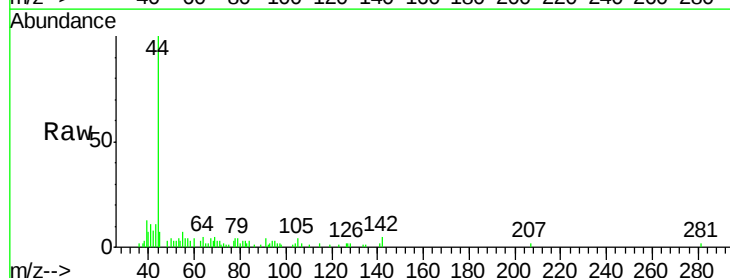
RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Tgt Ion:	142	Resp:	574
Ion	Ratio	Lower	Upper
142	100		
127	59.2	35.5	53.3#
141	17.6	11.3	16.9#



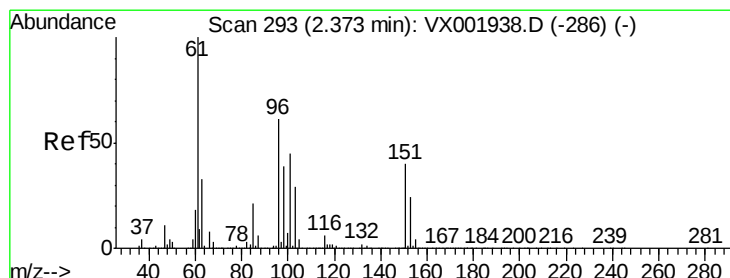
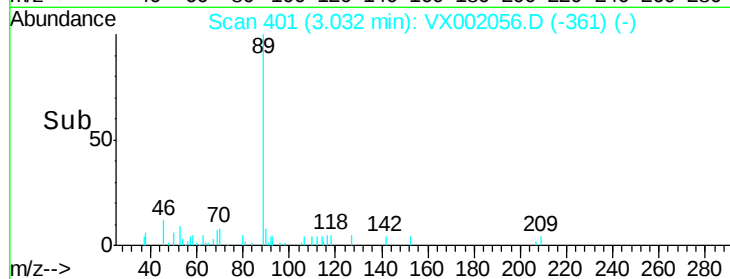
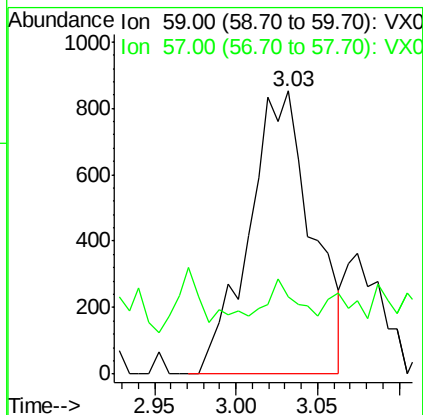
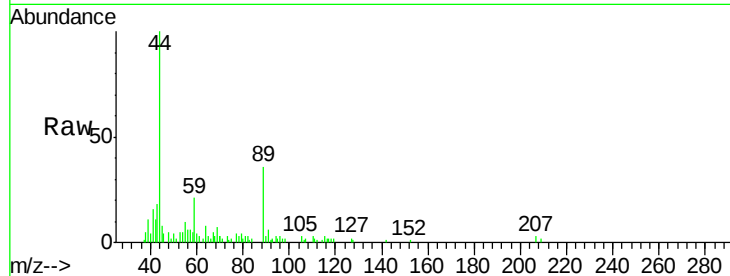


#11

Tert butyl alcohol
Concen: 482.10 ug/l
RT: 3.03 min Scan# 401
Delta R.T. -0.05 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

Instrument :
MSVOA_X
ClientSampled :

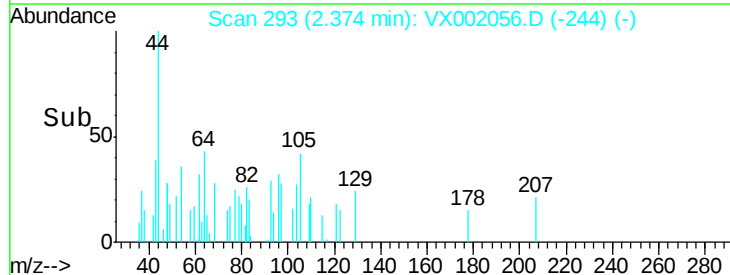
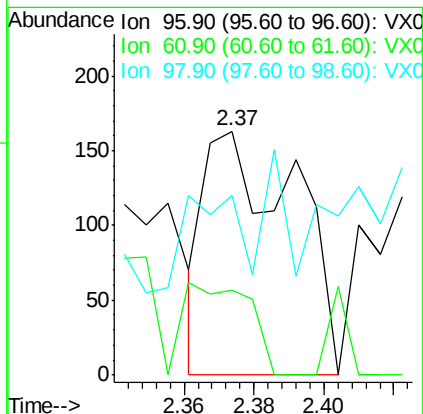
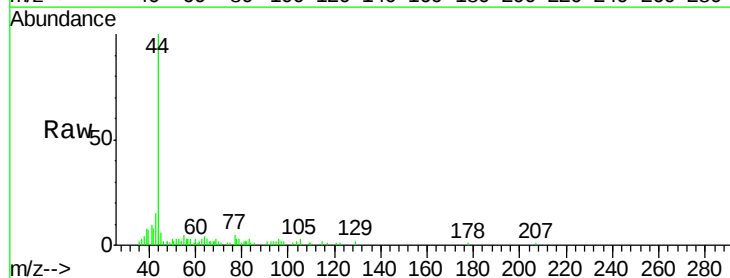
Tot Ion: 59 Resp: 2287
Ion Ratio Lower Upper
59 100
57 10.0 8.9 13.3



#12

1,1-Dichloroethene
Concen: 18.40 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

Tgt Ion: 96 Resp: 290
Ion Ratio Lower Upper
96 100
61 0.0 131.7 197.5#
98 8.6 51.6 77.4#





#13

Acrolein

Concen: 119.94 ug/l

RT: 2.31 min Scan# 283

Delta R.T. 0.01 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

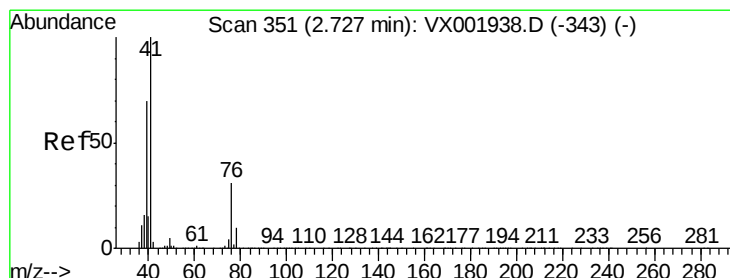
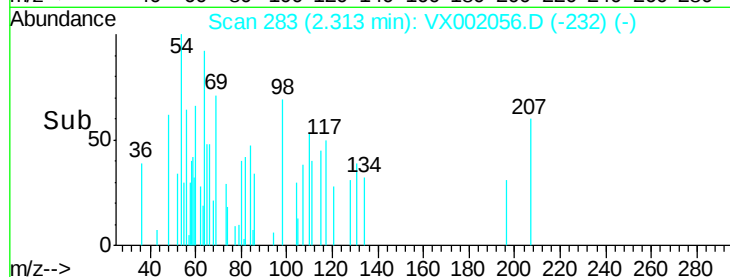
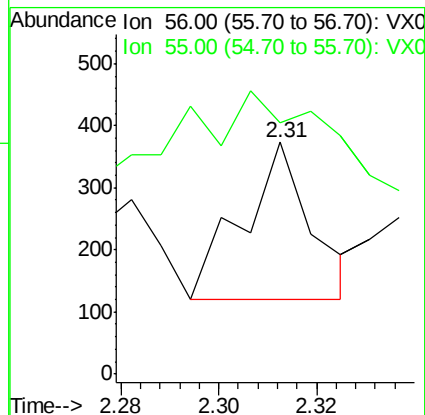
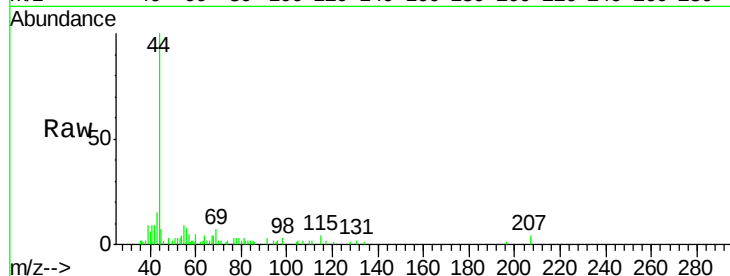
ClientSampled :

Tot Ion: 56 Resp: 246

Ion Ratio Lower Upper

56 100

55 148.4 56.8 85.2#



#14

Allyl chloride

Concen: 13.12 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

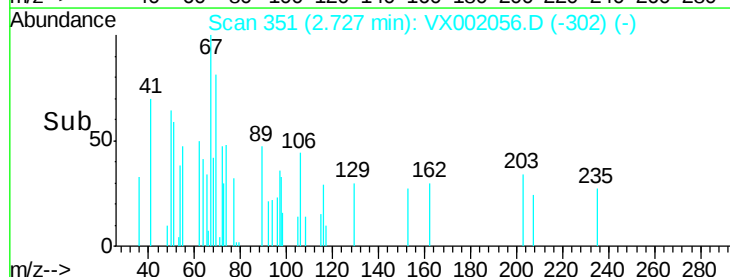
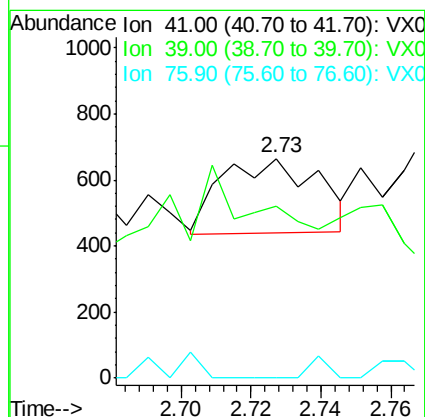
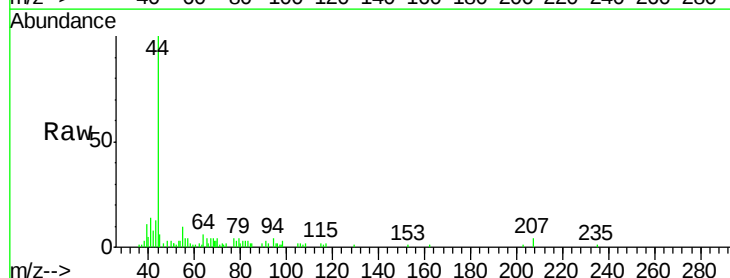
Tgt Ion: 41 Resp: 434

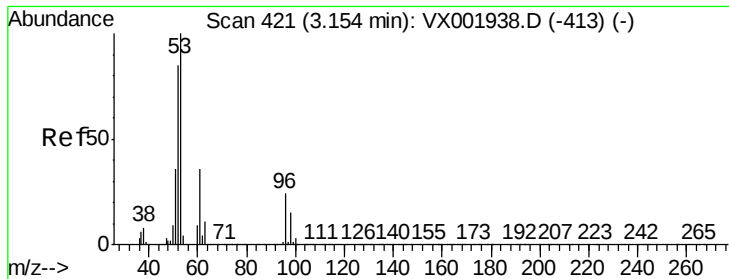
Ion Ratio Lower Upper

41 100

39 0.0 54.3 81.5#

76 5.5 24.2 36.4#





#15

Acrylonitrile

Concen: 8.82 ug/l

RT: 3.15 min Scan# 421

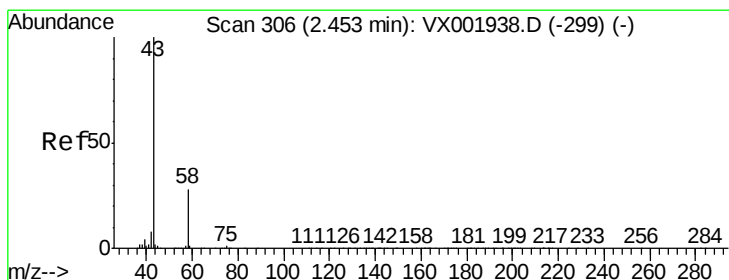
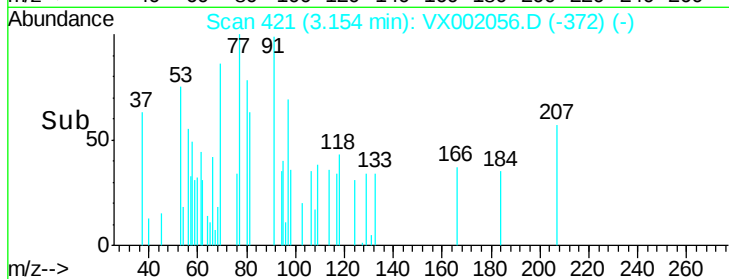
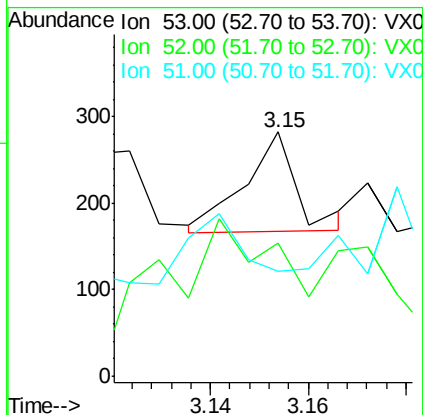
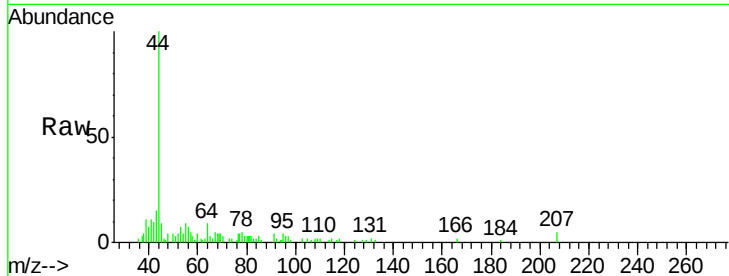
Delta R.T. 0.00 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	53	Resp:	86
Ion	Ratio	Lower	Upper
53	100		
52	377.9	66.4	99.6#
51	0.0	29.3	43.9#



#16

Acetone

Concen: 2107.80 ug/l

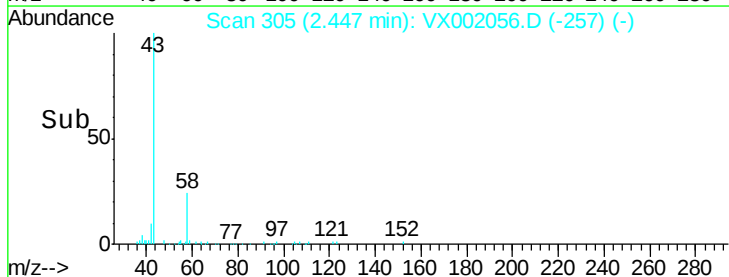
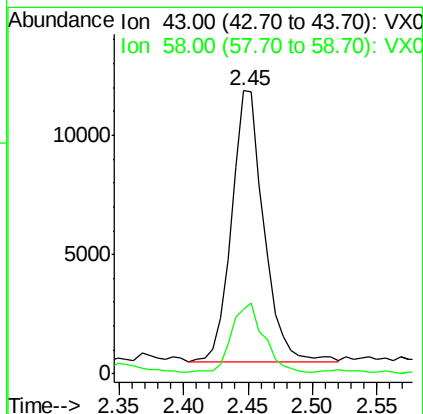
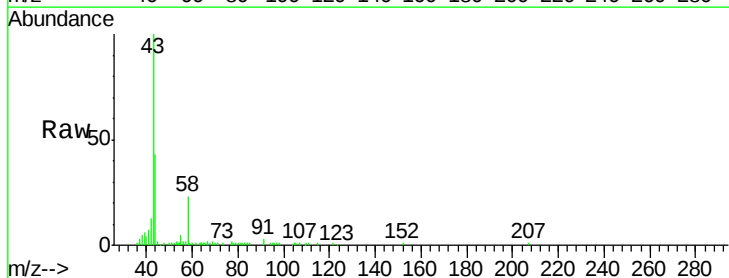
RT: 2.45 min Scan# 305

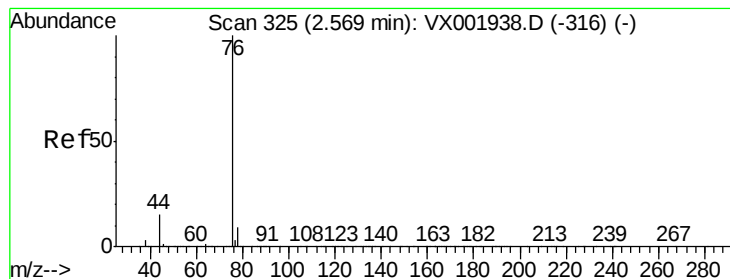
Delta R.T. -0.01 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Tgt Ion:	43	Resp:	19659
Ion	Ratio	Lower	Upper
43	100		
58	22.9	22.3	33.5





#17

Carbon Disulfide

Concen: 14.68 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

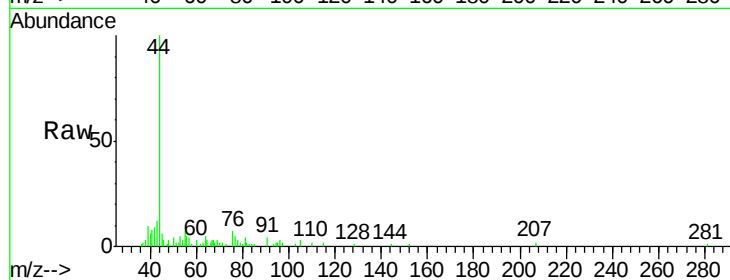
ClientSampleId :

Tot Ion: 76 Resp: 666

Ion Ratio Lower Upper

76 100

78 16.9 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

300

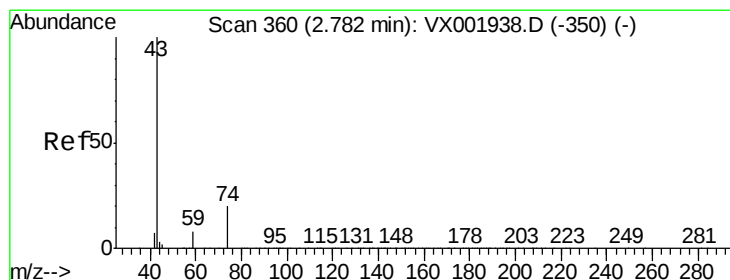
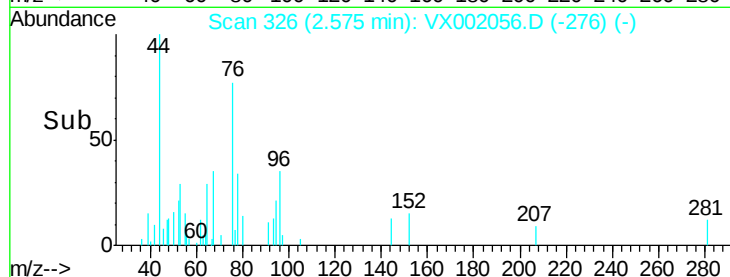
200

100

0

Time-->

2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 1251.86 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002056.D

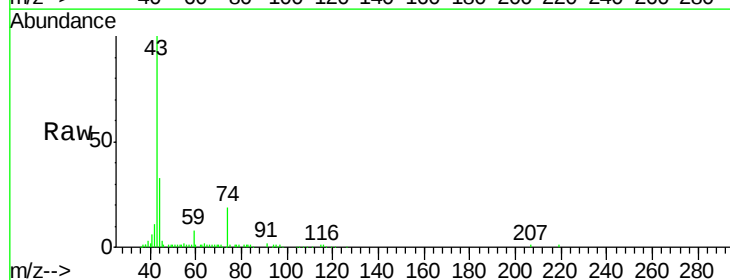
Acq: 27 May 2018 08:43

Tgt Ion: 43 Resp: 27513

Ion Ratio Lower Upper

43 100

74 21.6 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

15000

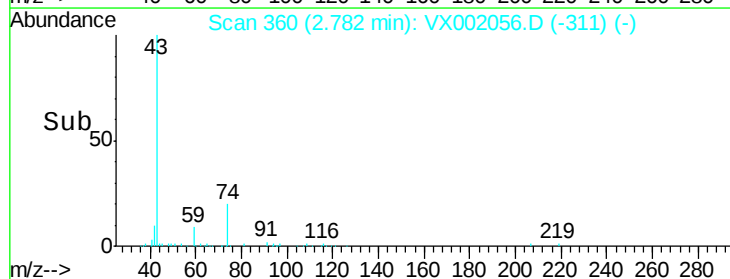
10000

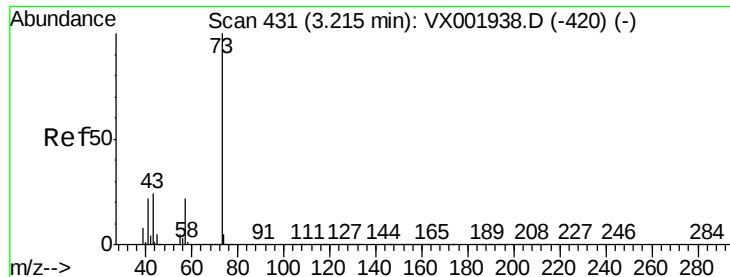
5000

0

Time-->

2.70 2.75 2.80 2.85



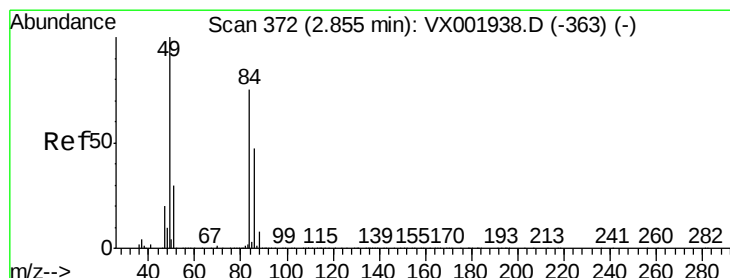
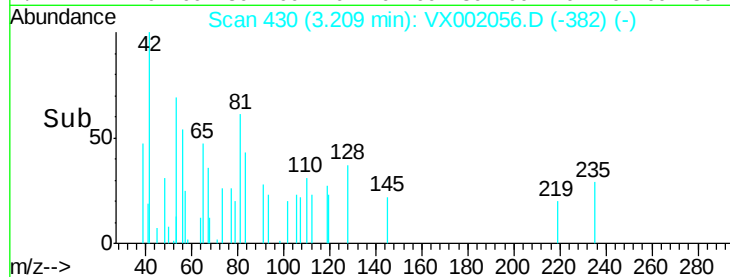
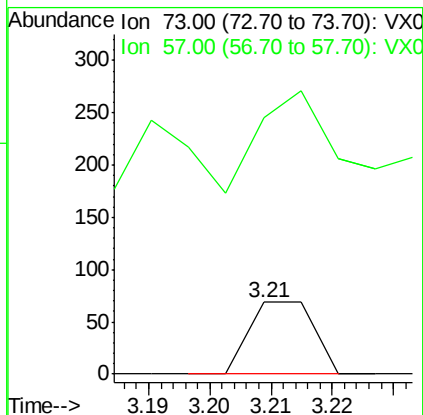
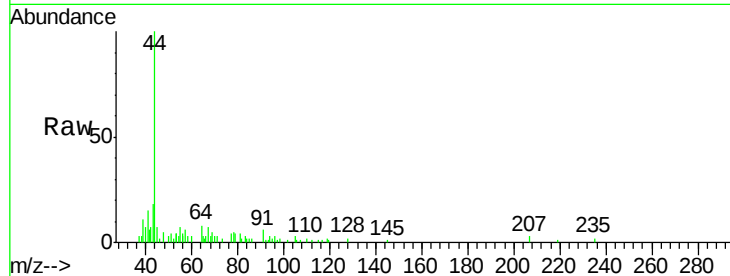


#19

Methyl tert-butyl Ether
Concen: 0.84 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

Instrument :
MSVOA_X
ClientSampled :

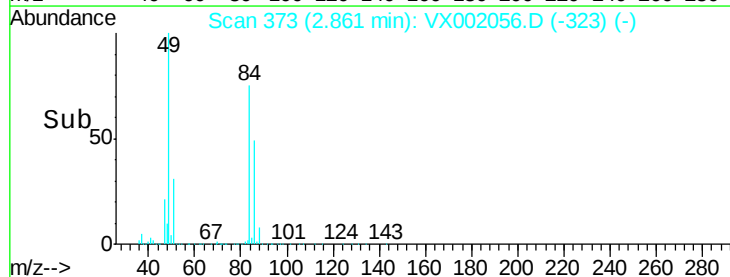
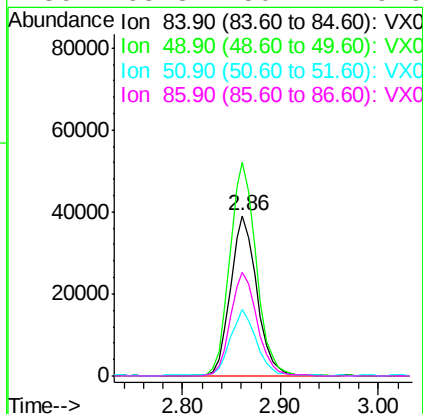
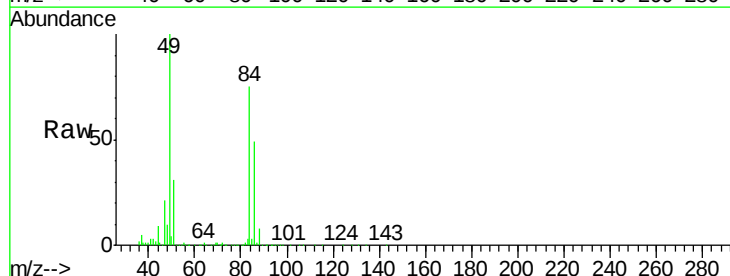
Tot Ion: 73 Resp: 50
Ion Ratio Lower Upper
73 100
57 58.0 17.4 26.0#

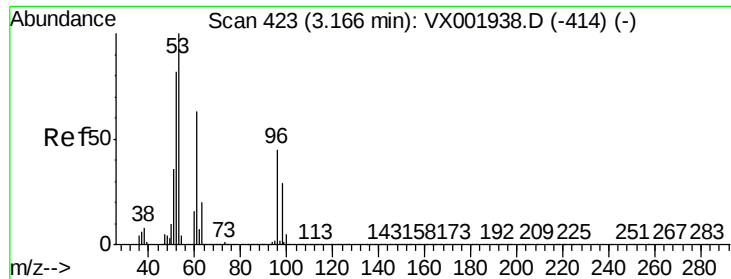


#20

Methylene Chloride
Concen: 4644.99 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

Tgt Ion: 84 Resp: 72537
Ion Ratio Lower Upper
84 100
49 133.8 107.2 160.8
51 41.5 32.4 48.6
86 65.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 3.15 ug/l

RT: 3.13 min Scan# 417

Delta R.T. -0.04 min

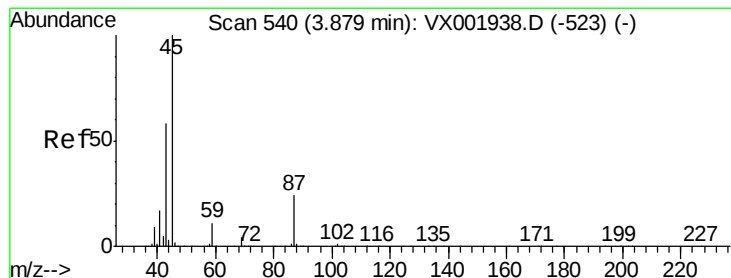
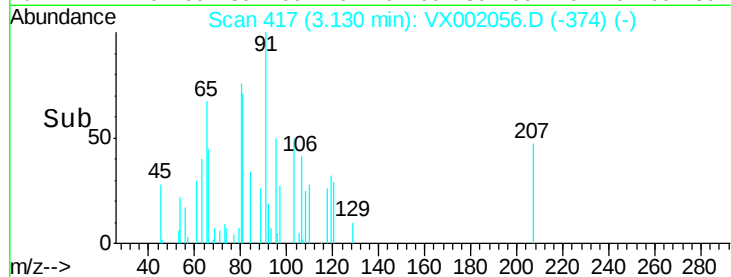
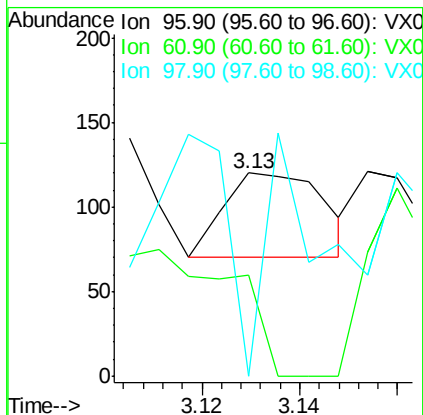
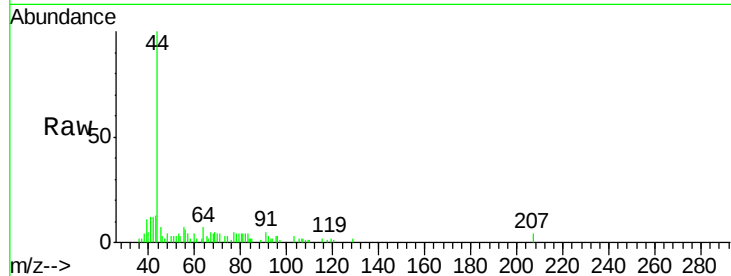
Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 71

Ion	Ratio	Lower	Upper
96	100		
61	120.0	113.3	169.9
98	0.0	51.7	77.5#



#22

Diisopropyl ether

Concen: 1.86 ug/l

RT: 3.87 min Scan# 538

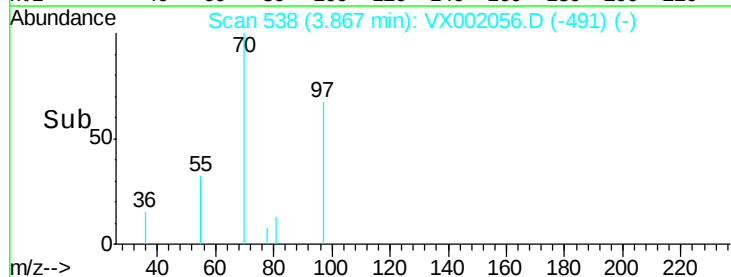
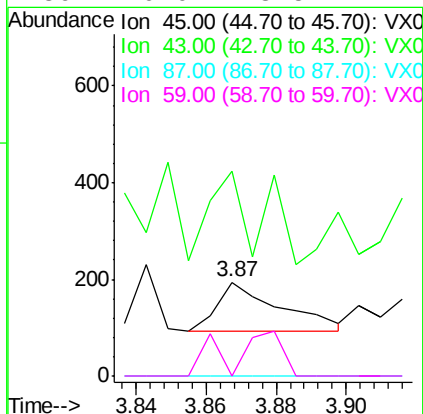
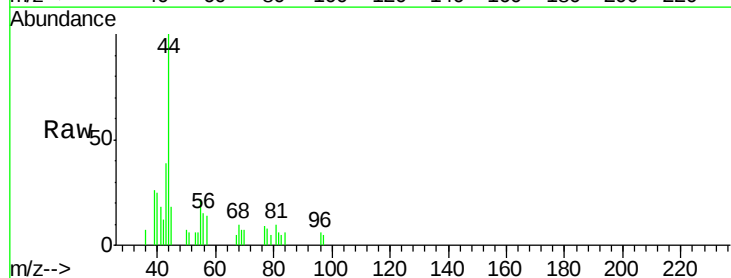
Delta R.T. -0.01 min

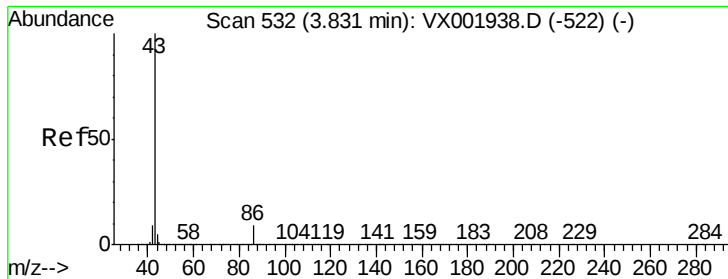
Lab File: VX002056.D

Acq: 27 May 2018 08:43

Tgt Ion: 45 Resp: 125

Ion	Ratio	Lower	Upper
45	100		
43	186.0	47.0	70.6#
87	0.0	19.4	29.0#
59	0.0	8.5	12.7#

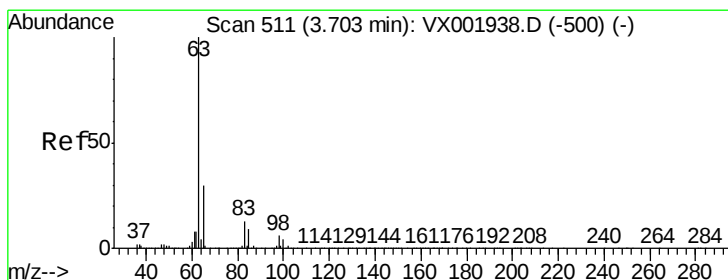
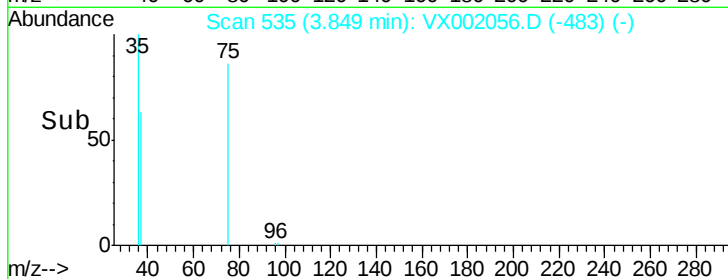
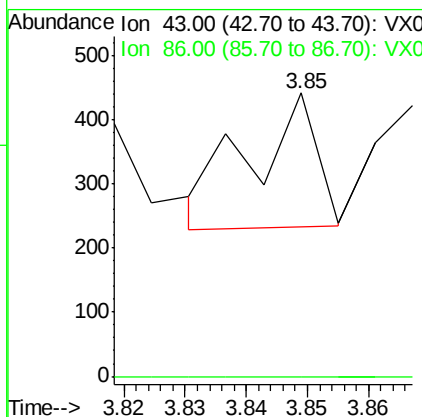
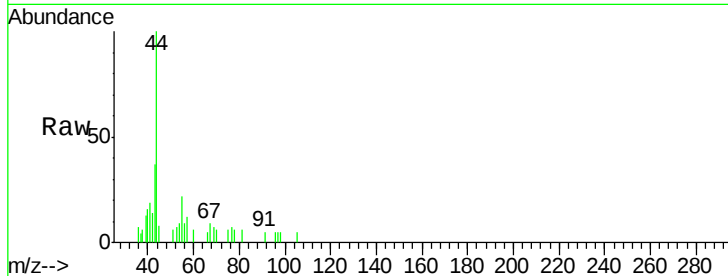




#23
 Vinyl Acetate
 Concen: 2.81 ug/l
 RT: 3.85 min Scan# 535
 Delta R.T. 0.02 min
 Lab File: VX002056.D
 Acq: 27 May 2018 08:43

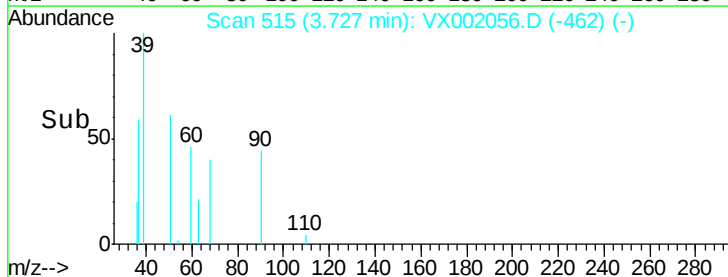
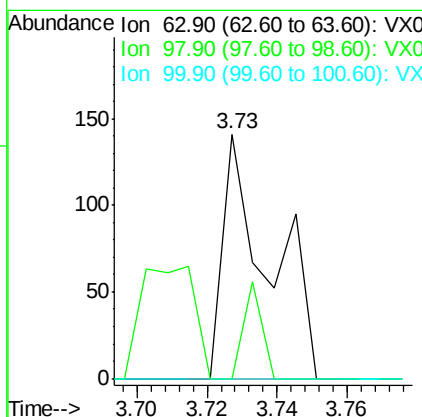
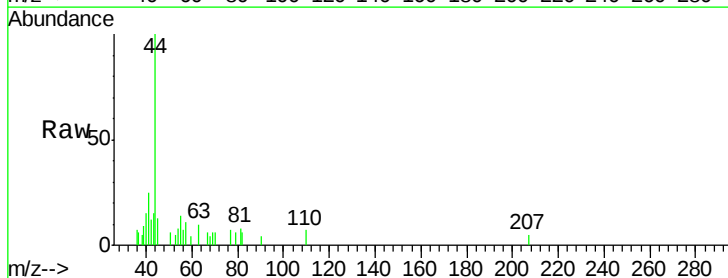
Instrument :
 MSVOA_X
 ClientSampleId :

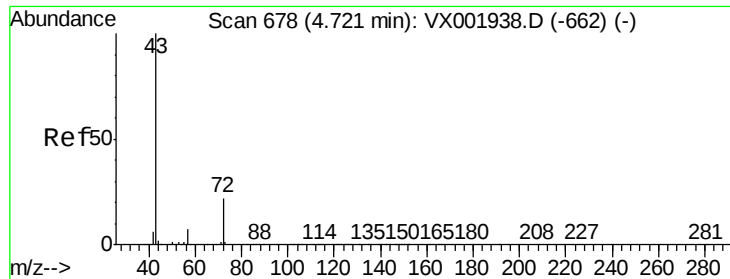
Tot Ion: 43 Resp: 157
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.6 11.4#



#24
 1,1-Dichloroethane
 Concen: 4.07 ug/l
 RT: 3.73 min Scan# 515
 Delta R.T. 0.02 min
 Lab File: VX002056.D
 Acq: 27 May 2018 08:43

Tgt Ion: 63 Resp: 130
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 327.07 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

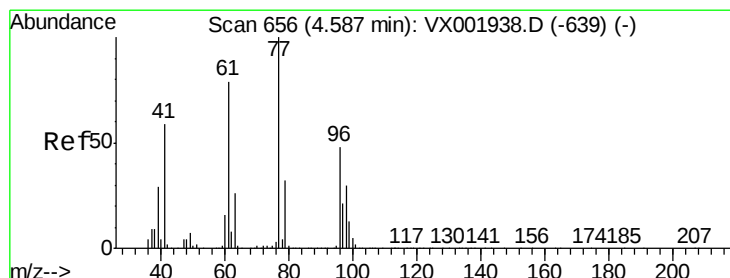
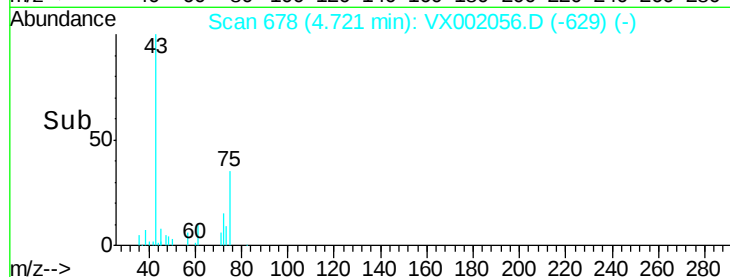
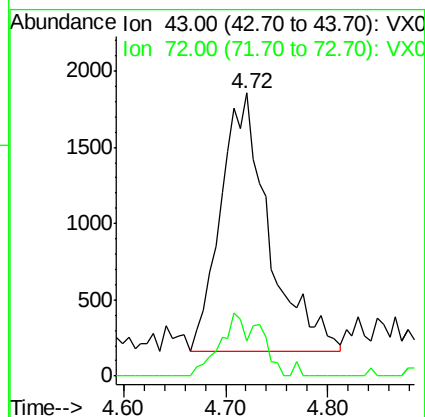
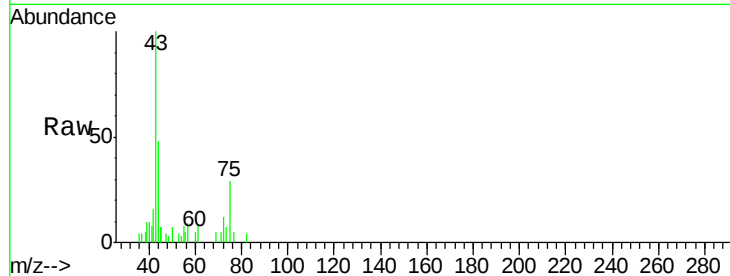
ClientSampleId :

Tot Ion: 43 Resp: 5591

Ion Ratio Lower Upper

43 100

72 13.5 17.9 26.9#



#26

2,2-Dichloropropane

Concen: 2.01 ug/l

RT: 4.44 min Scan# 632

Delta R.T. -0.15 min

Lab File: VX002056.D

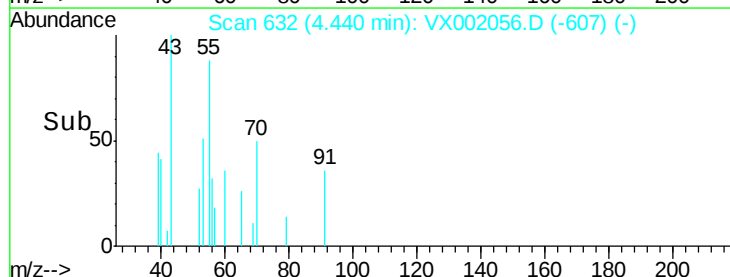
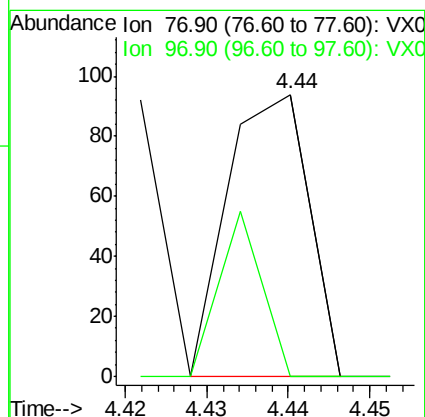
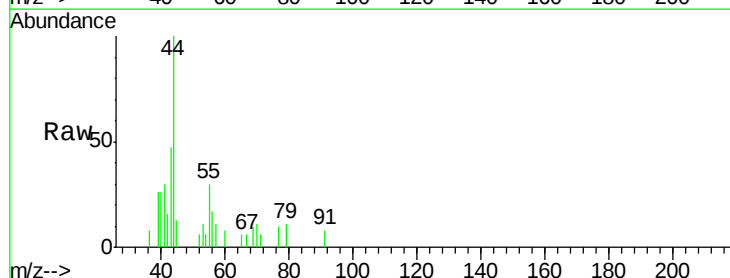
Acq: 27 May 2018 08:43

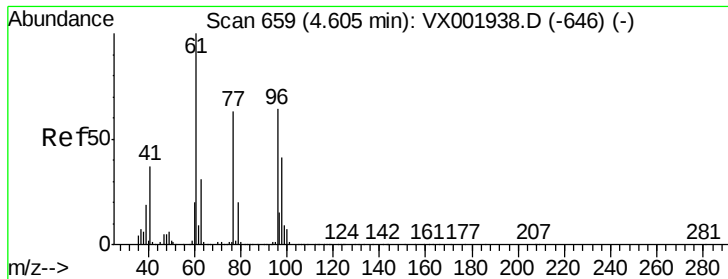
Tgt Ion: 77 Resp: 65

Ion Ratio Lower Upper

77 100

97 30.8 11.2 33.5



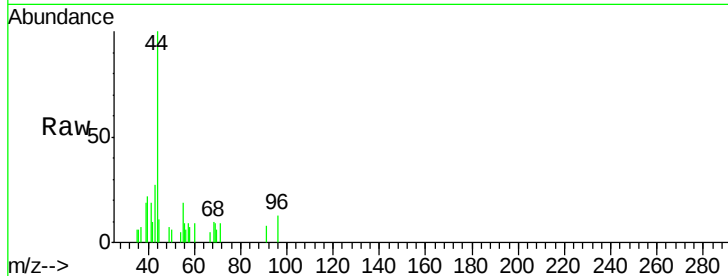


#27

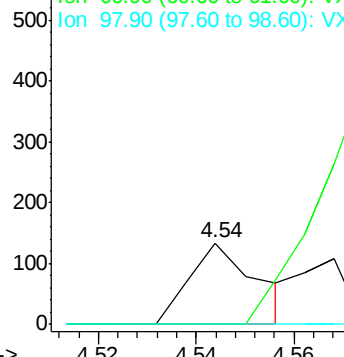
cis-1,2-Dichloroethene
Concen: 6.23 ug/l
RT: 4.54 min Scan# 649
Delta R.T. -0.06 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

Instrument :
MSVOA_X
ClientSampled :

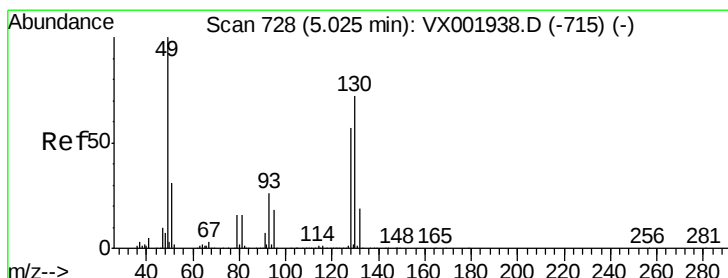
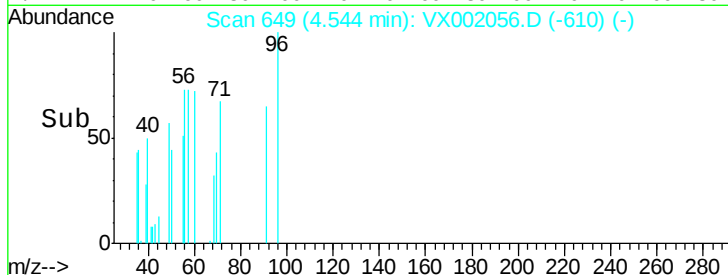
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	348.4
98	0.0	0.0	128.6



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



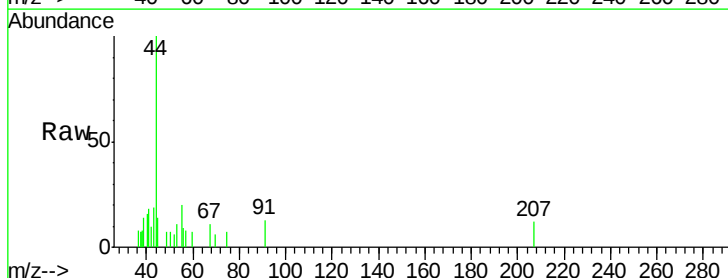
Time-->



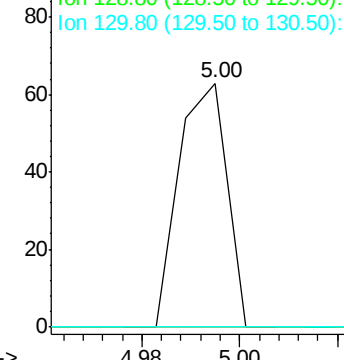
#28

Bromochloromethane
Concen: 1.21 ug/l
RT: 5.00 min Scan# 723
Delta R.T. -0.03 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

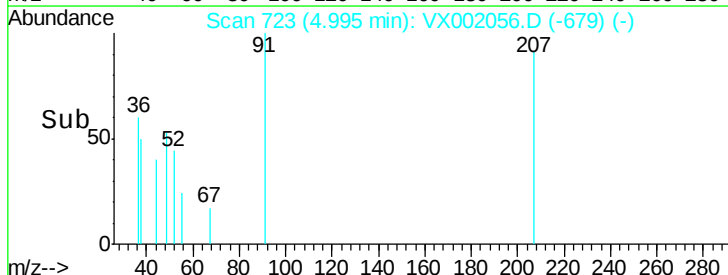
Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	59.4	89.2#

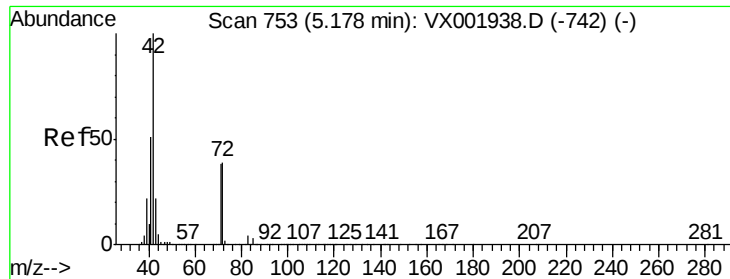


Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V



Time-->





#29

Tetrahydrofuran

Concen: 115.90 ug/l

RT: 5.19 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

ClientSampled :

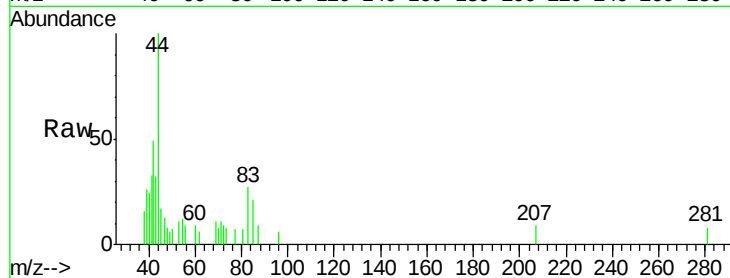
Tot Ion: 42 Resp: 1289

Ion Ratio Lower Upper

42 100

72 32.3 31.4 47.0

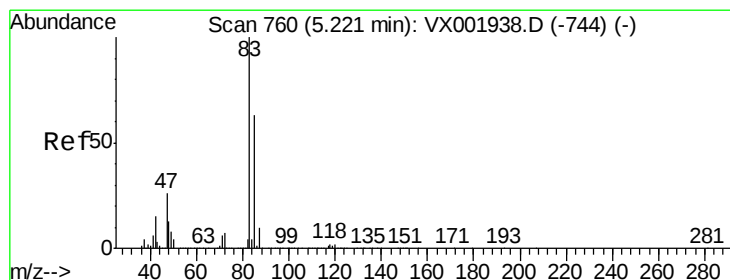
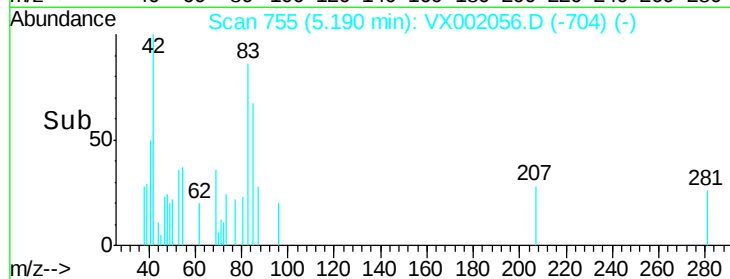
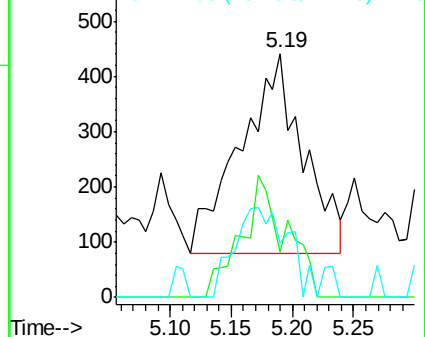
71 38.6 29.5 44.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 86.98 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002056.D

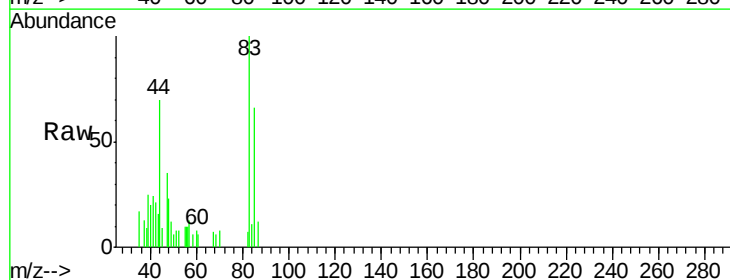
Acq: 27 May 2018 08:43

Tgt Ion: 83 Resp: 3132

Ion Ratio Lower Upper

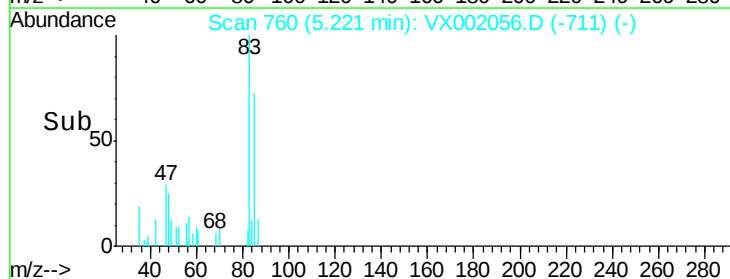
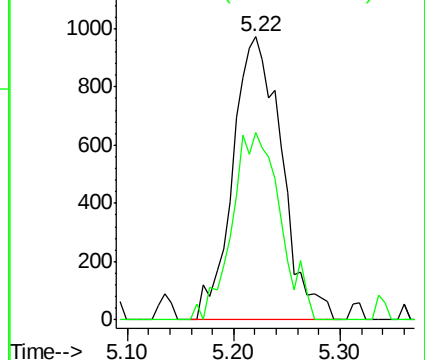
83 100

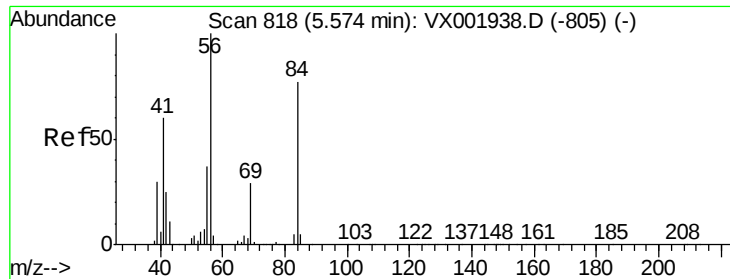
85 66.4 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

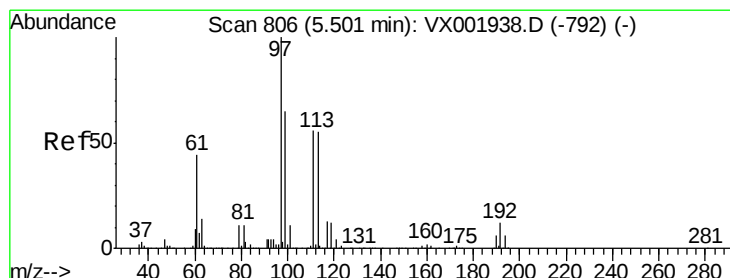
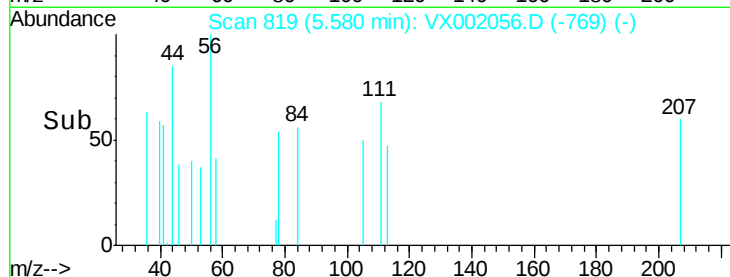
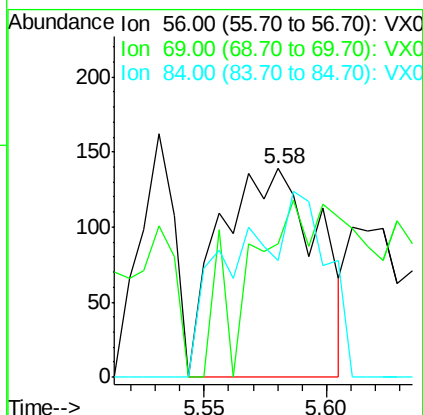
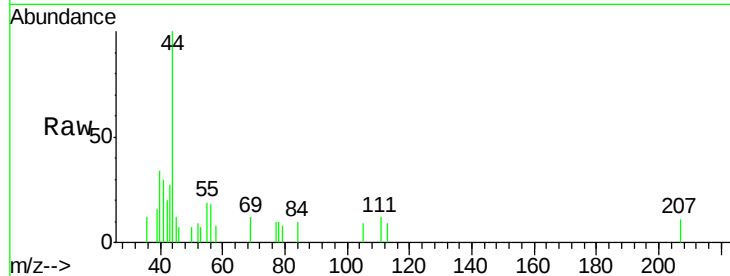




#31
Cyclohexane
Concen: 11.59 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

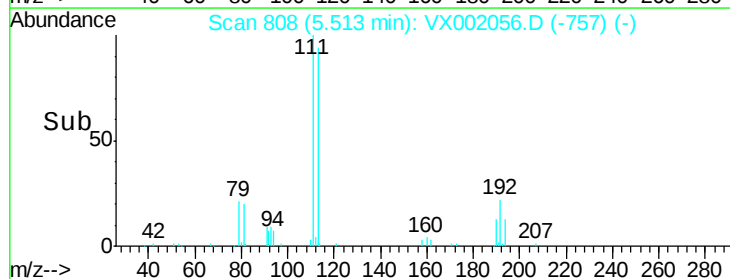
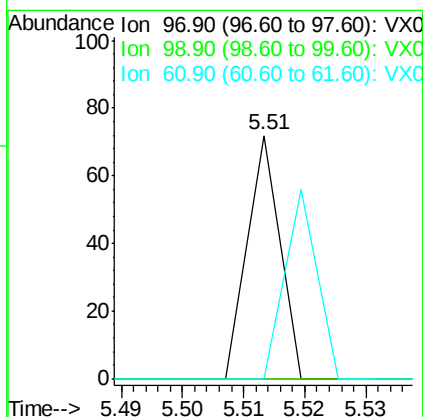
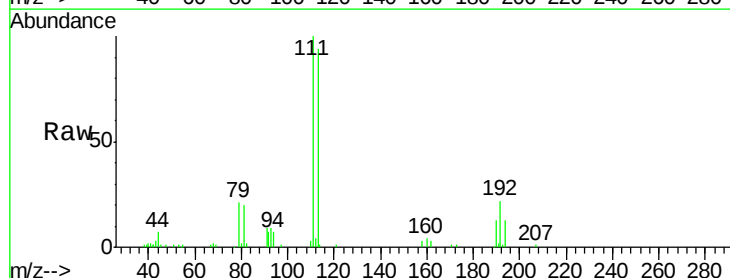
Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
56	100		
69	64.0	23.1	34.7#
84	56.1	62.0	93.0#



#32
1,1,1-Trichloroethane
Concen: 0.77 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.9	77.9#
61	76.9	35.9	53.9#

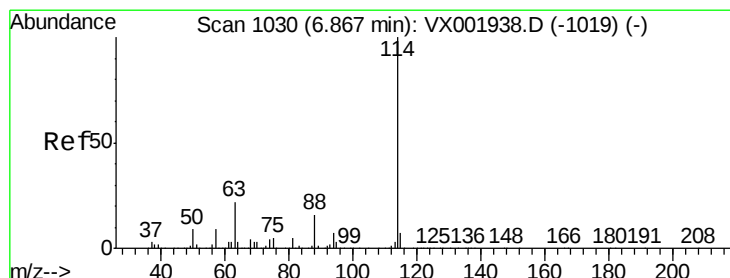
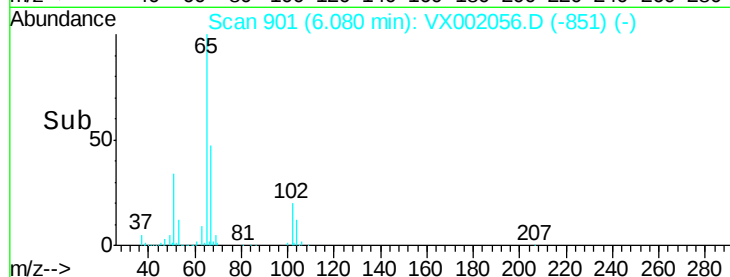
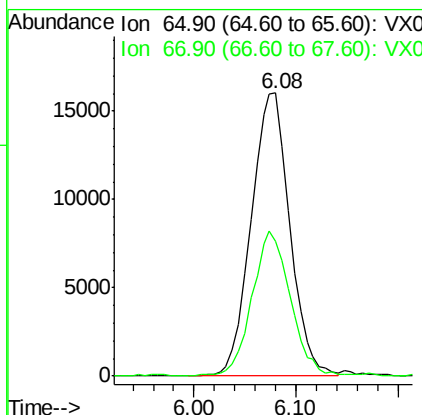
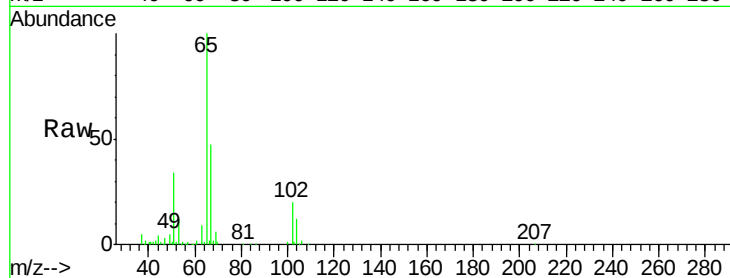




#33
 1,2-Dichloroethane-d4
 Concen: 1745.40 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX002056.D
 Acq: 27 May 2018 08:43

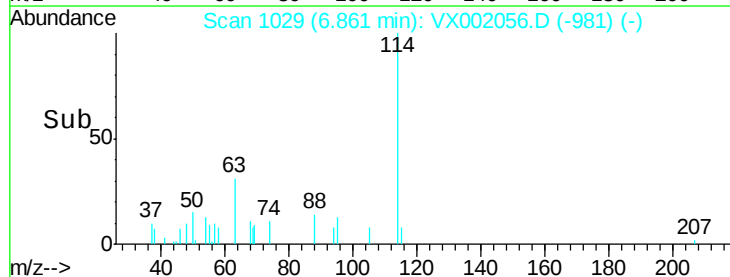
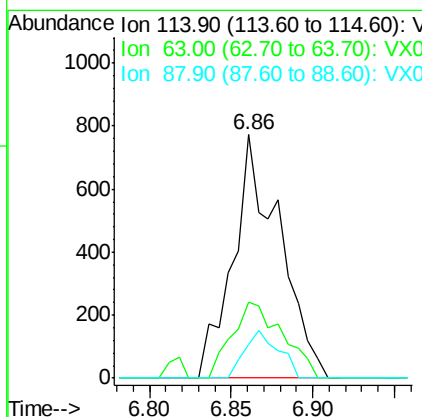
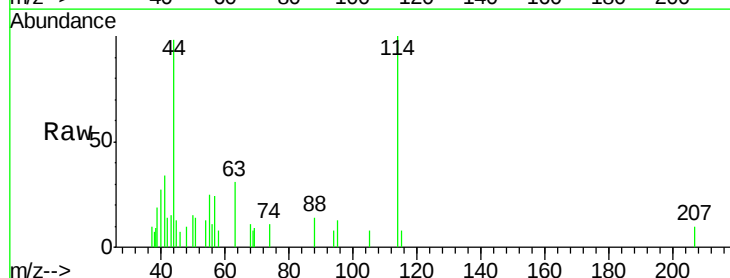
Instrument :
 MSVOA_X
 ClientSampleId :

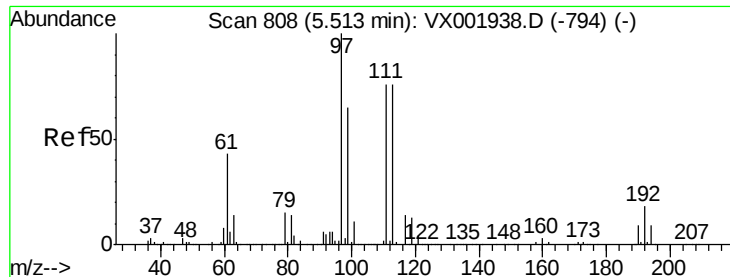
Tot Ion: 65 Resp: 42181
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002056.D
 Acq: 27 May 2018 08:43

Tgt Ion: 114 Resp: 1529
 Ion Ratio Lower Upper
 114 100
 63 31.2 0.0 43.2
 88 13.7 0.0 31.6

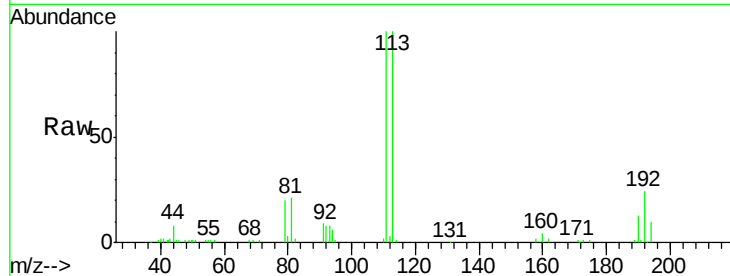




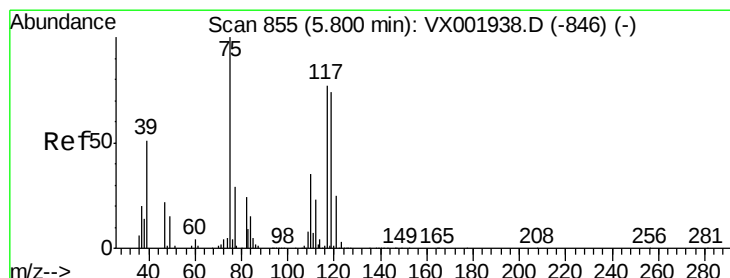
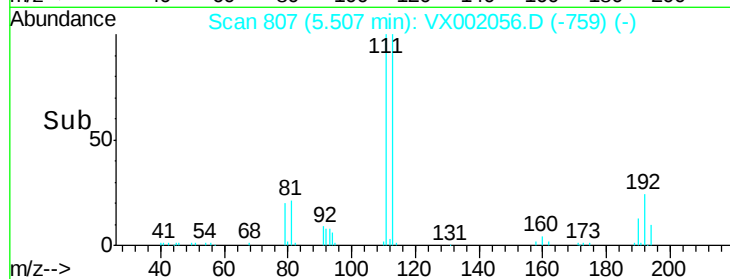
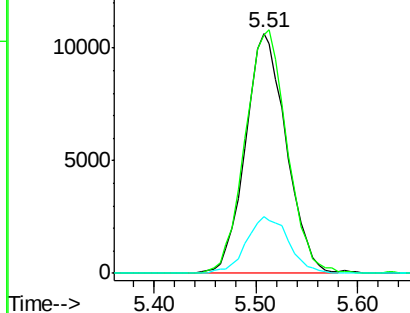
#35
 Dibromofluoromethane
 Concen: 1937.08 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002056.D
 Acq: 27 May 2018 08:43

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.0	123.0
192	24.5	18.9	28.3

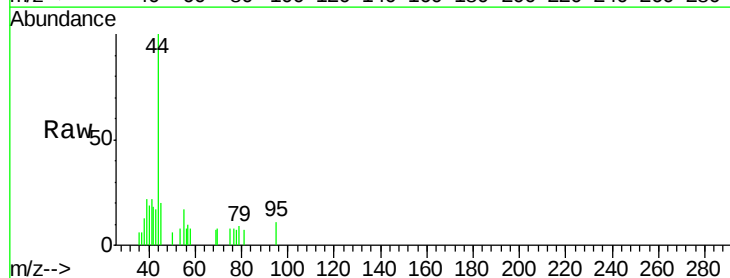


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

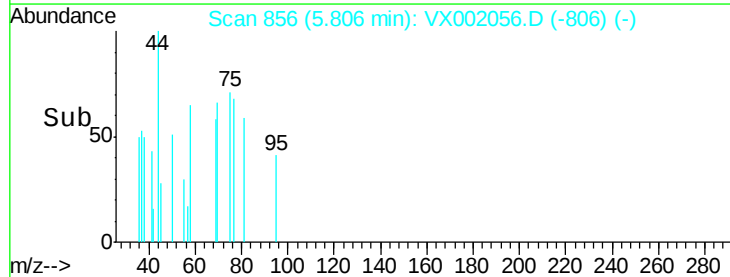
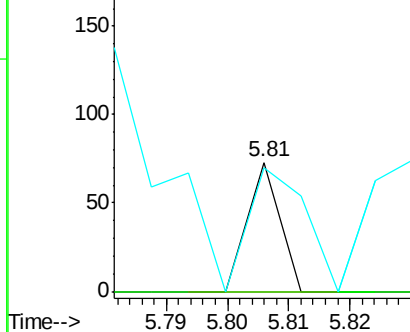


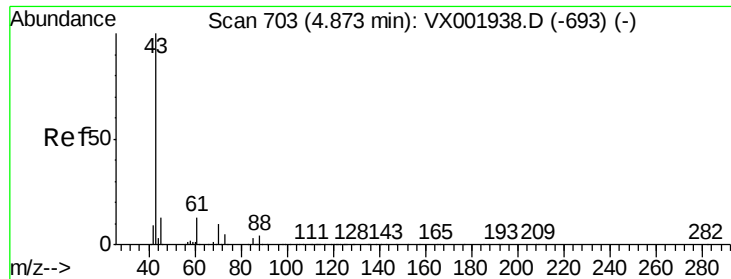
#36
 1,1-Dichloropropene
 Concen: 1.27 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002056.D
 Acq: 27 May 2018 08:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.4	52.2#
77	166.7	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

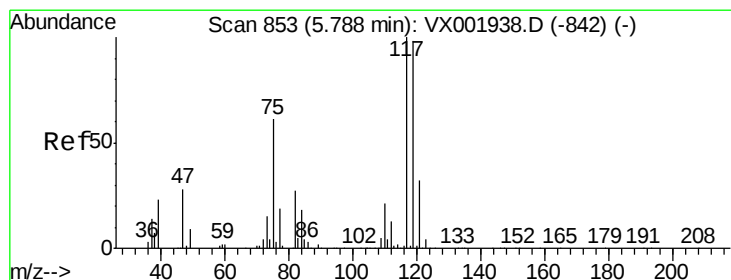
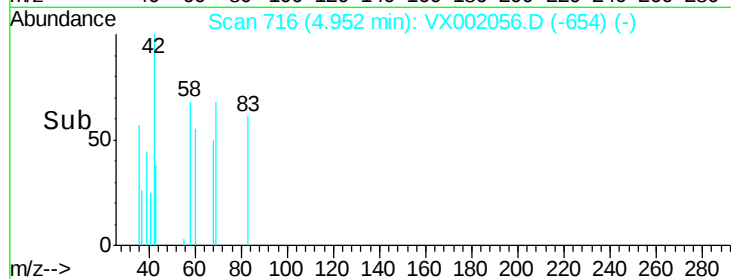
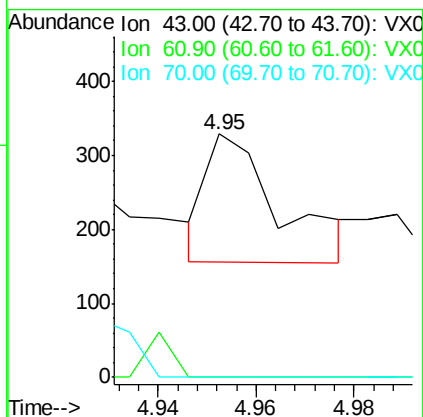
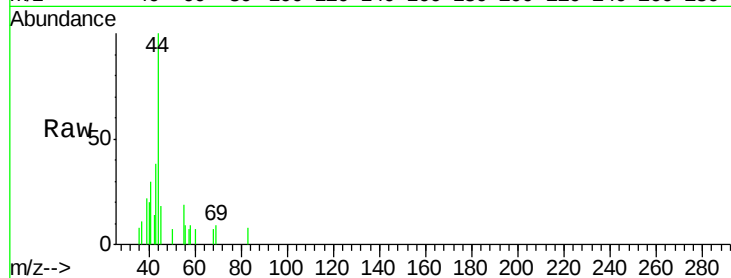




#37
Ethyl Acetate
Concen: 6.49 ug/l
RT: 4.95 min Scan# 716
Delta R.T. 0.08 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

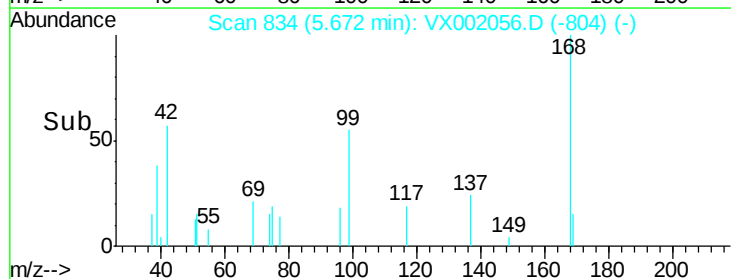
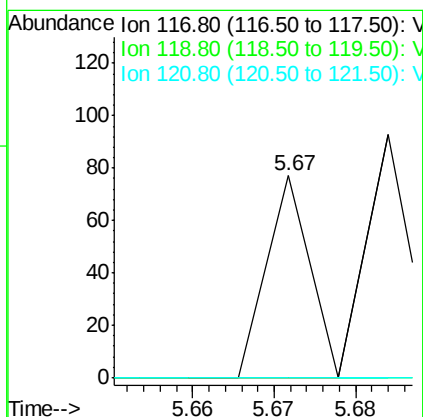
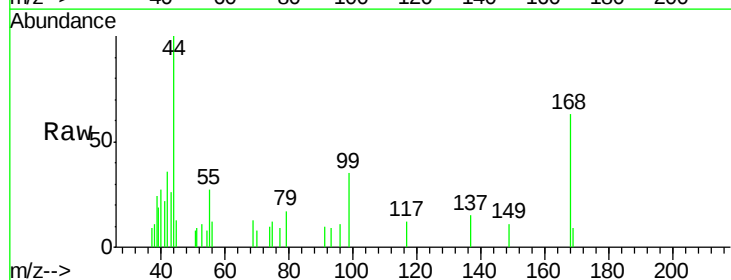
Instrument :
MSVOA_X
ClientSampled :

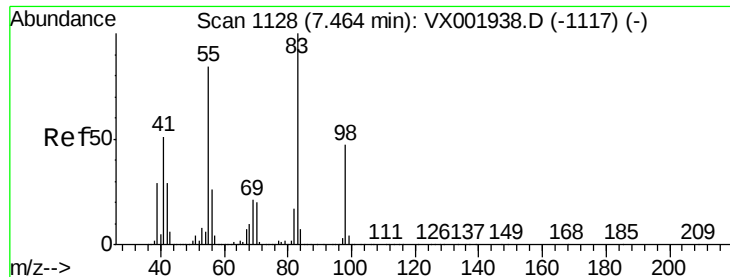
Tot Ion: 43 Resp: 180
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 1.13 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

Tgt Ion: 117 Resp: 28
Ion Ratio Lower Upper
117 100
119 0.0 78.5 117.7#
121 0.0 25.5 38.3#

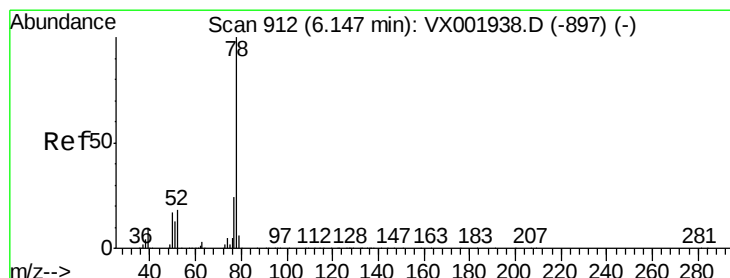
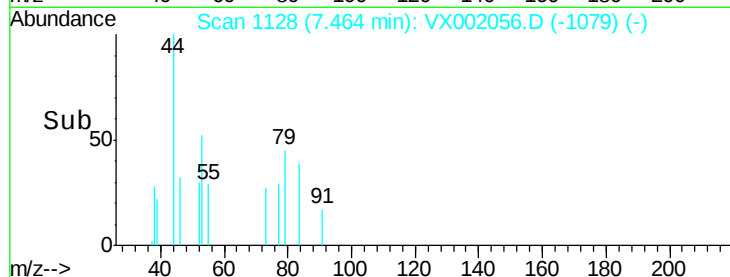
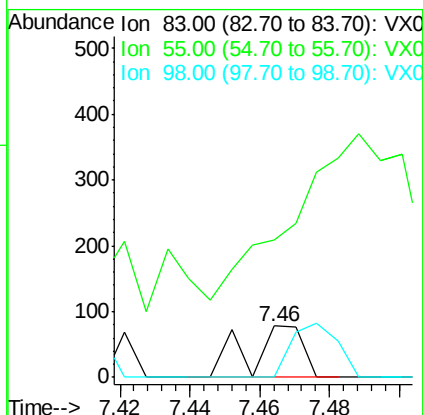
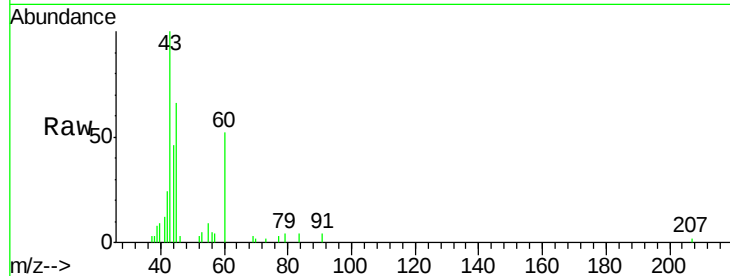




#39
Methvlcvclohexane
Concen: 3.18 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

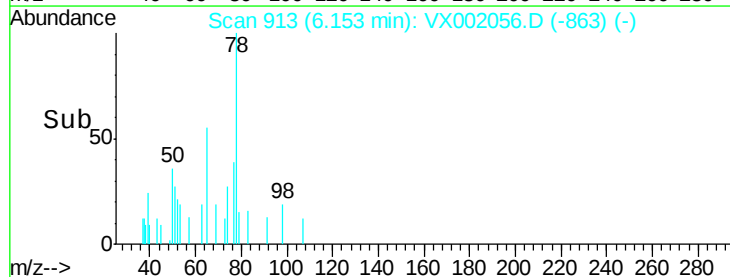
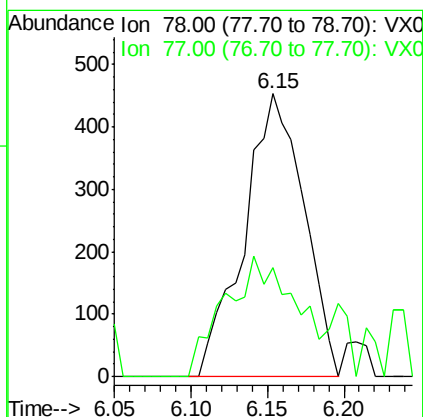
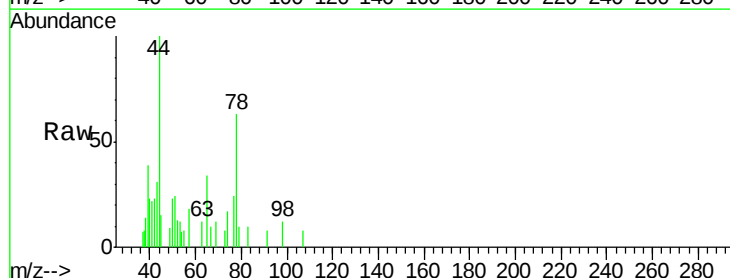
Instrument :
MSVOA_X
ClientSampled :

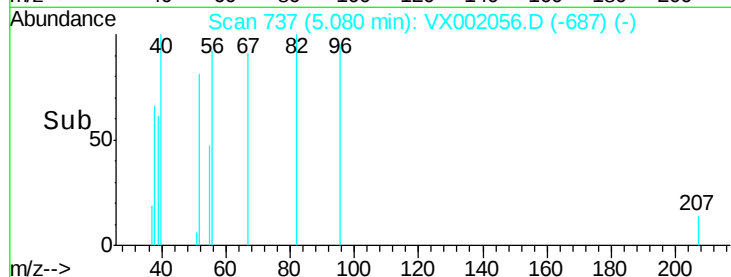
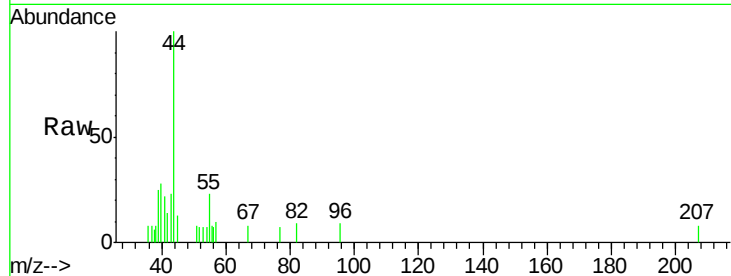
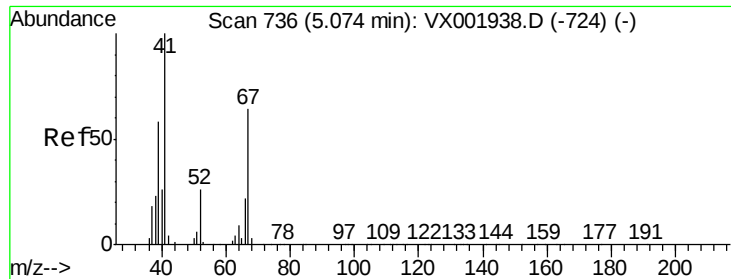
Tot Ion: 83 Resp: 83
Ion Ratio Lower Upper
83 100
55 74.4 67.3 100.9
98 0.0 37.5 56.3#



#40
Benzene
Concen: 19.72 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

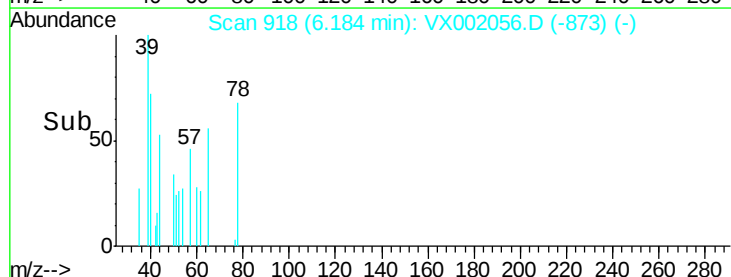
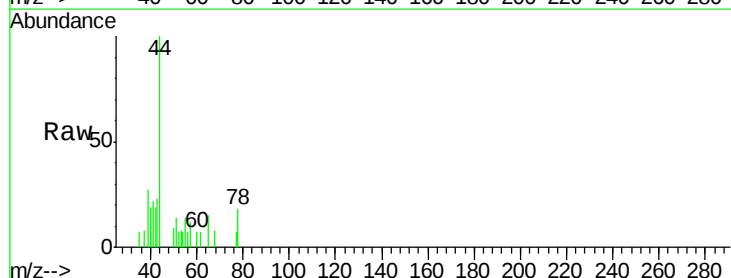
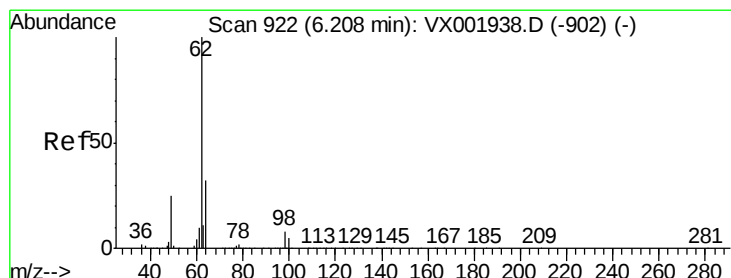
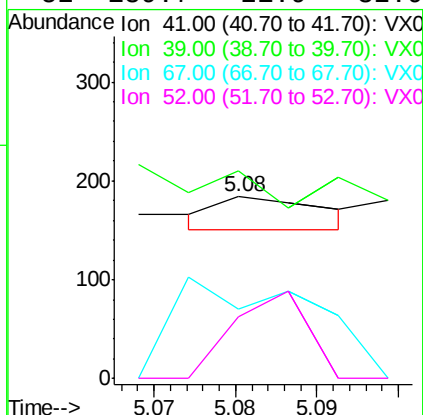
Tgt Ion: 78 Resp: 1229
Ion Ratio Lower Upper
78 100
77 38.6 19.1 28.7#





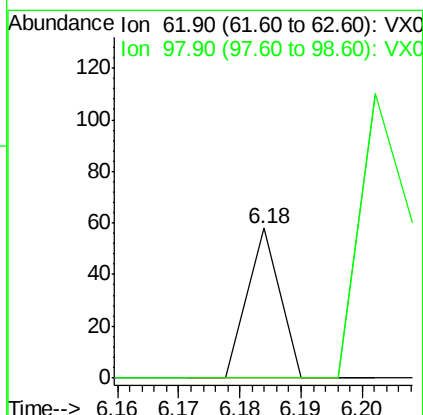
#41
Methacrylonitrile
Concen: 0.64 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

Tot Ion: 41 Resp: 29
Ion Ratio Lower Upper
41 100
39 0.0 46.0 69.0#
67 410.3 50.6 75.8#
52 189.7 21.9 32.9#



#42
1,2-Dichloroethane
Concen: 0.84 ug/l
RT: 6.18 min Scan# 918
Delta R.T. -0.02 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

Tgt Ion: 62 Resp: 21
Ion Ratio Lower Upper
62 100
98 295.2 0.0 17.0#



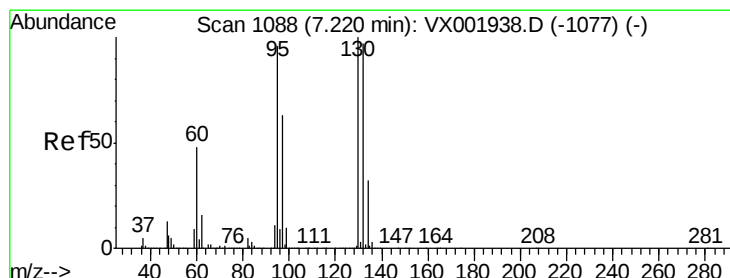
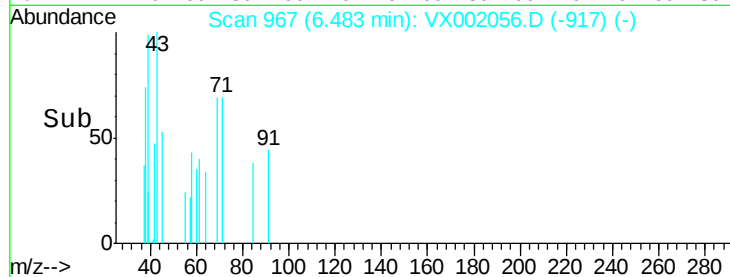
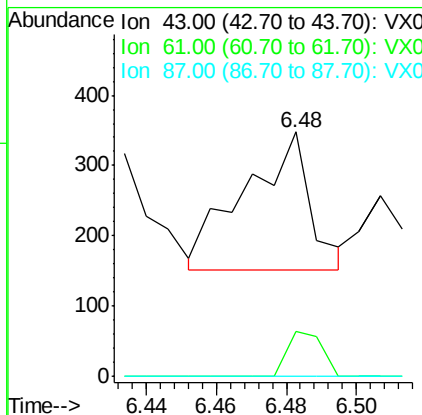
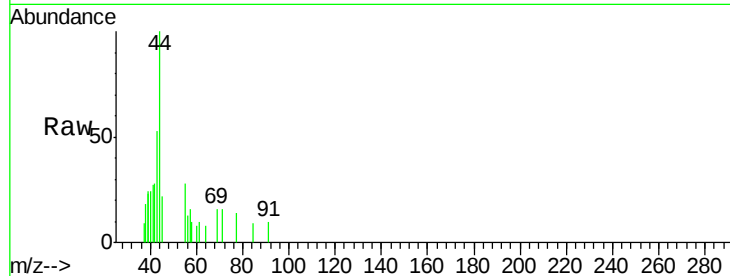


#43

Isopropyl Acetate
 Concen: 5.56 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX002056.D
 Acq: 27 May 2018 08:43

Instrument :
 MSVOA_X
 ClientSampled :

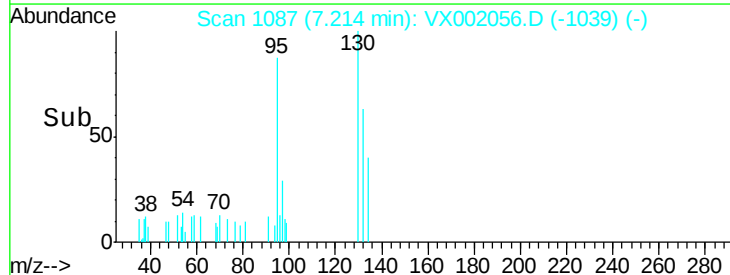
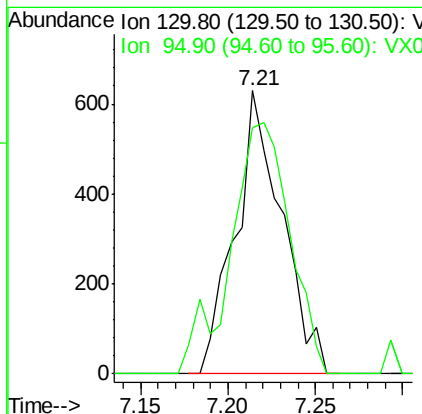
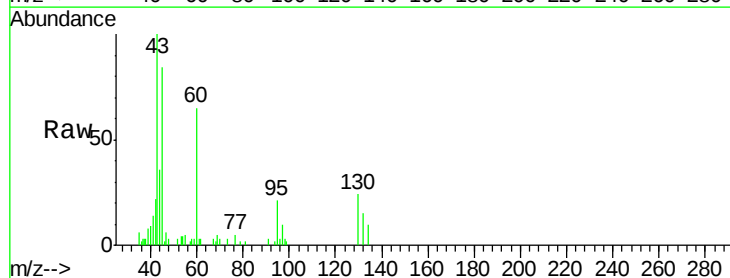
Tot Ion: 43 Resp: 257
 Ion Ratio Lower Upper
 43 100
 61 17.1 14.5 21.7
 87 0.0 9.5 14.3#

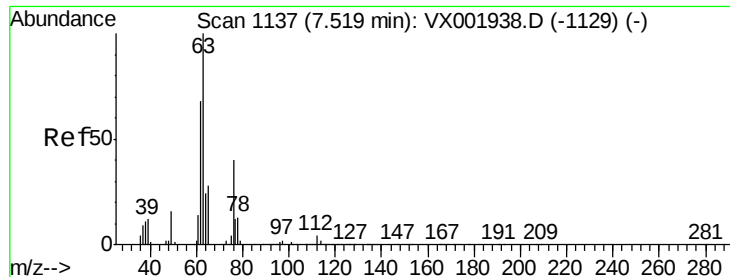


#44

Trichloroethene
 Concen: 64.05 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002056.D
 Acq: 27 May 2018 08:43

Tgt Ion: 130 Resp: 1163
 Ion Ratio Lower Upper
 130 100
 95 87.1 0.0 192.0





#45

1,2-Dichloropropane

Concen: 2.72 ug/l

RT: 7.45 min Scan# 1126

Delta R.T. -0.07 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

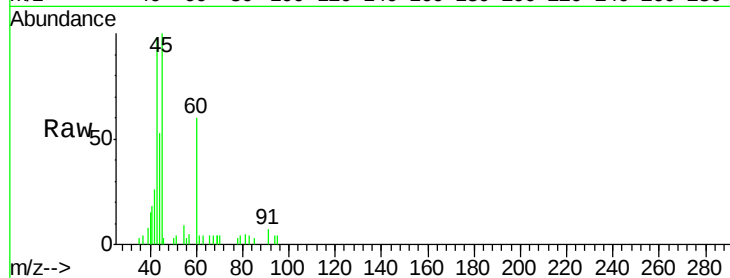
ClientSampled :

Tot Ion: 63 Resp: 46

Ion Ratio Lower Upper

63 100

65 0.0 24.1 36.1#

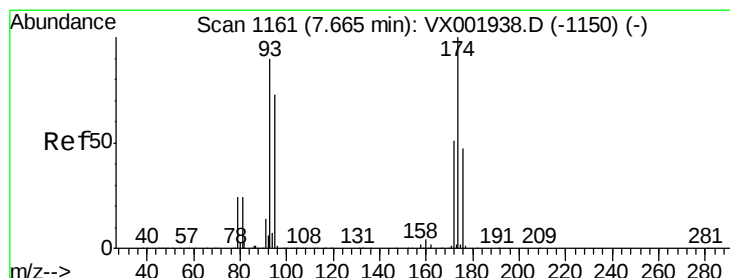
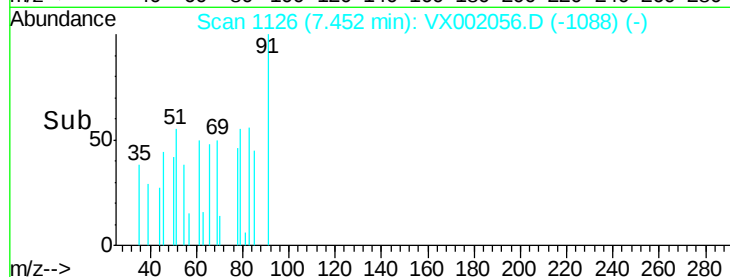


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.45

Time--> 7.42 7.44 7.46



#46

Dibromomethane

Concen: 1.87 ug/l

RT: 7.83 min Scan# 1188

Delta R.T. 0.16 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

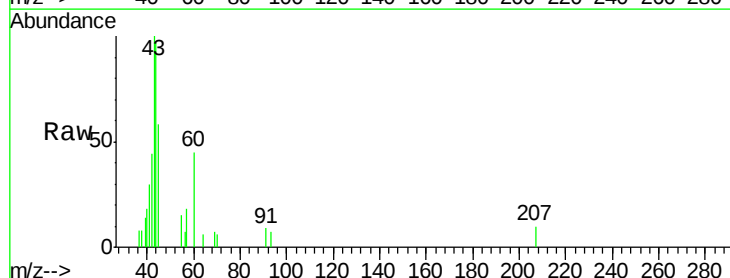
Tgt Ion: 93 Resp: 21

Ion Ratio Lower Upper

93 100

95 0.0 66.1 99.1#

174 0.0 92.5 138.7#



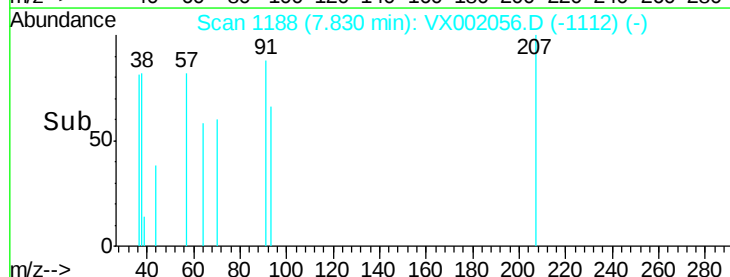
Abundance Ion 92.80 (92.50 to 93.50): VX0

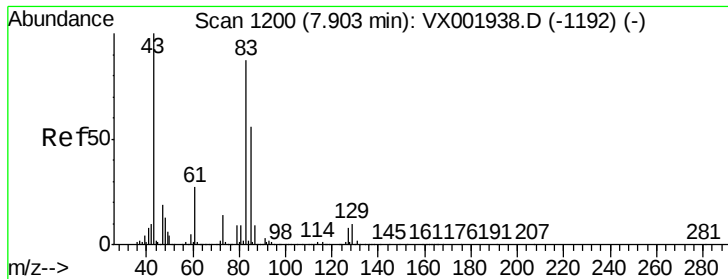
Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.83

Time--> 7.81 7.82 7.83 7.84 7.85





#47

Bromodichloromethane

Concen: 36.63 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

ClientSampleId :

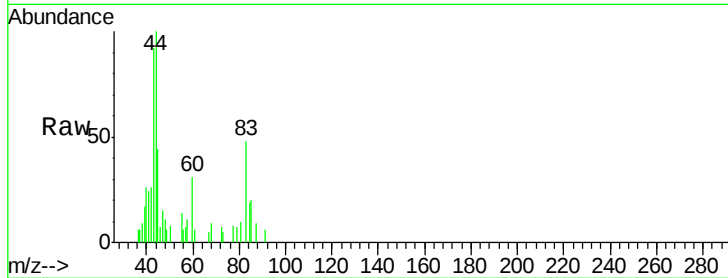
Tot Ion: 83 Resp: 875

Ion Ratio Lower Upper

83 100

85 82.3 51.4 77.2#

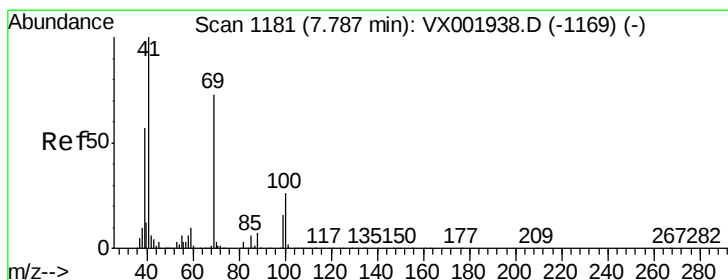
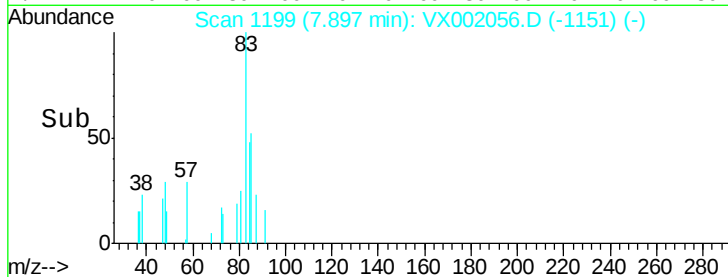
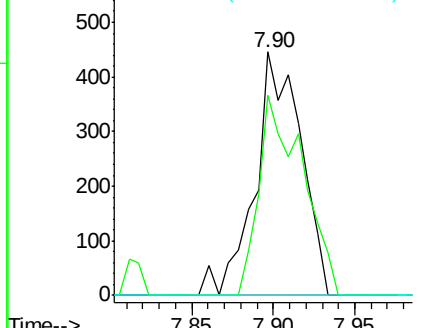
127 0.0 7.1 10.7#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.68 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

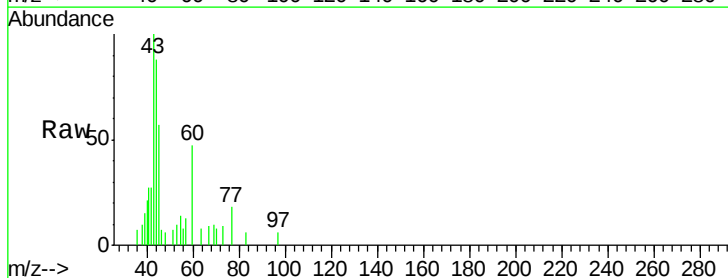
Tgt Ion: 41 Resp: 110

Ion Ratio Lower Upper

41 100

69 373.6 58.6 87.8#

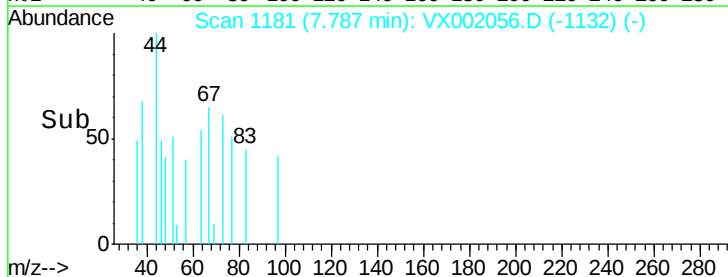
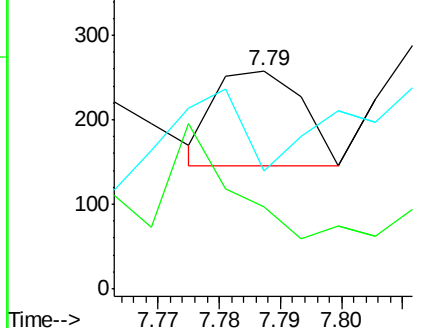
39 95.5 46.3 69.5#

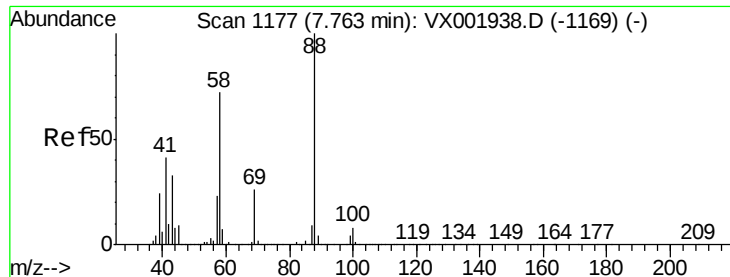


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 55.51 ug/l

RT: 7.65 min Scan# 1159

Delta R.T. -0.11 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

ClientSampled :

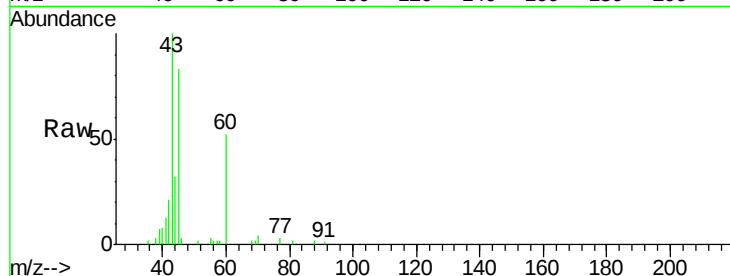
Tot Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 0.0 29.8 44.8#

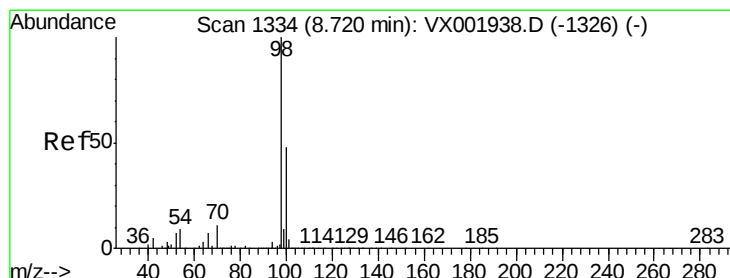
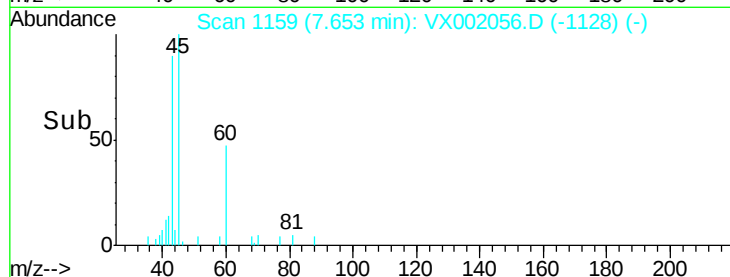
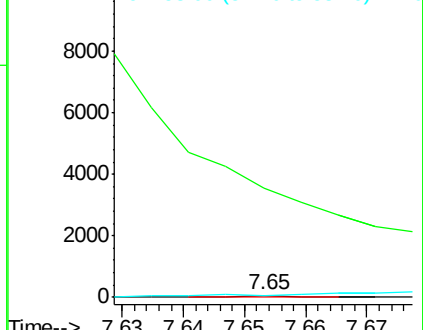
58 0.0 58.7 88.1#



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: 1837.22 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002056.D

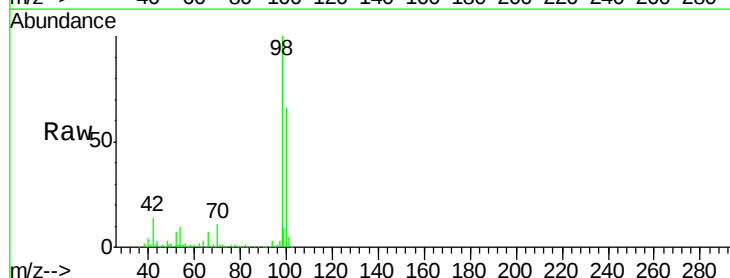
Acq: 27 May 2018 08:43

Tgt Ion: 98 Resp: 101700

Ion Ratio Lower Upper

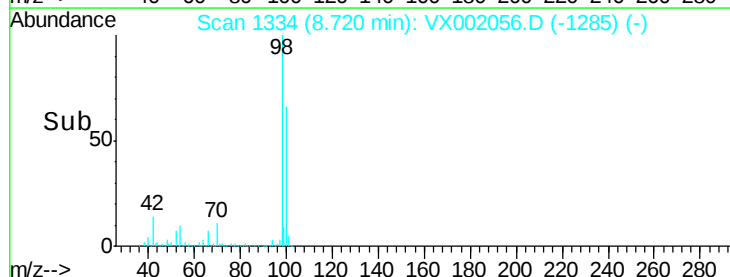
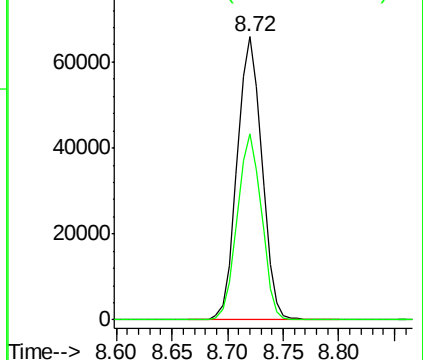
98 100

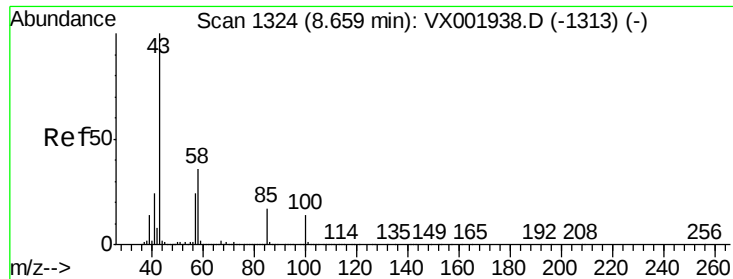
100 64.6 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

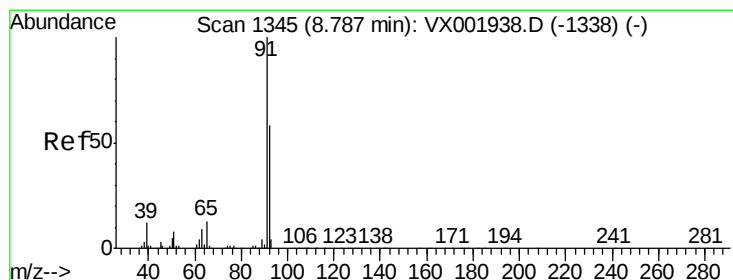
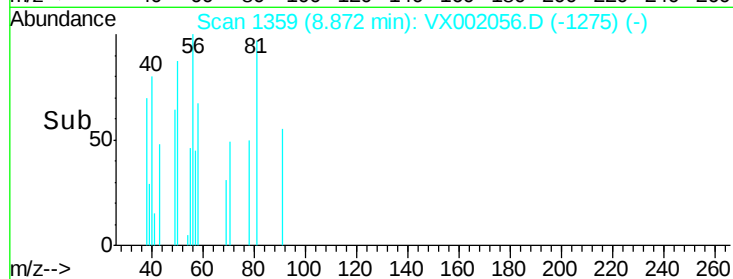
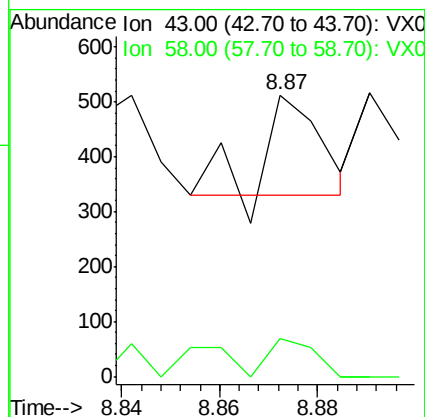
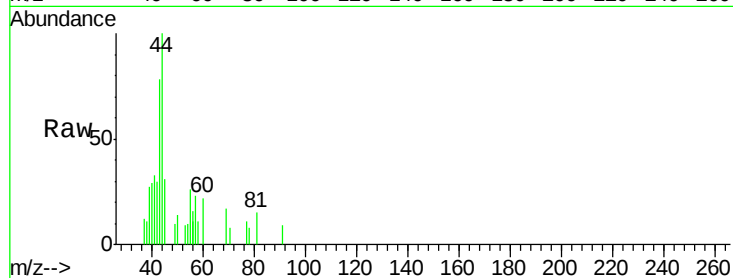




#51
4-Methyl-2-Pentanone
Concen: 5.24 ug/l
RT: 8.87 min Scan# 1359
Delta R.T. 0.21 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

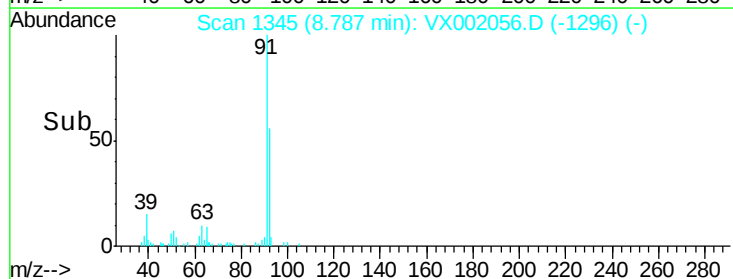
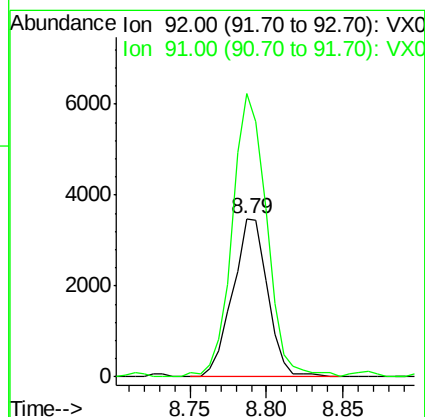
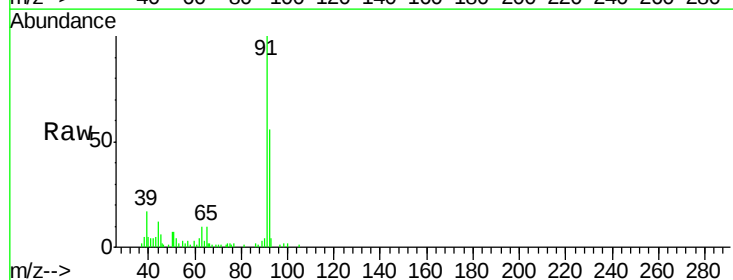
Instrument :
MSVOA_X
ClientSampled :

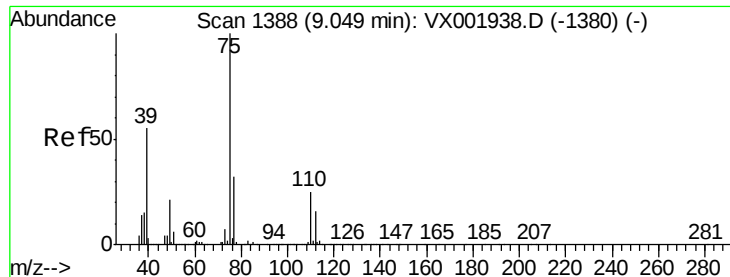
Tot Ion: 43 Resp: 146
Ion Ratio Lower Upper
43 100
58 30.8 28.5 42.7



#52
Toluene
Concen: 139.41 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

Tgt Ion: 92 Resp: 5528
Ion Ratio Lower Upper
92 100
91 175.8 139.4 209.2





#54

cis-1,3-Dichloropropene

Concen: 2.61 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

ClientSampleId :

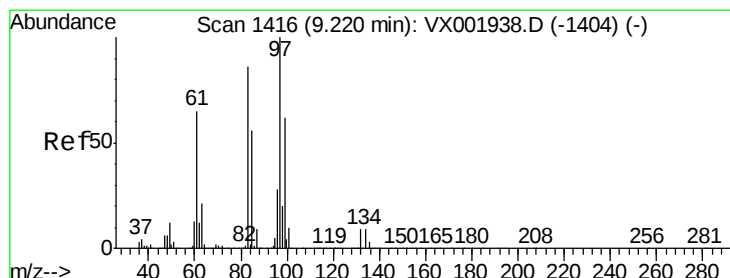
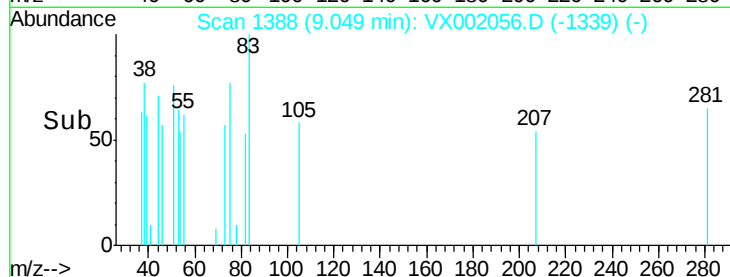
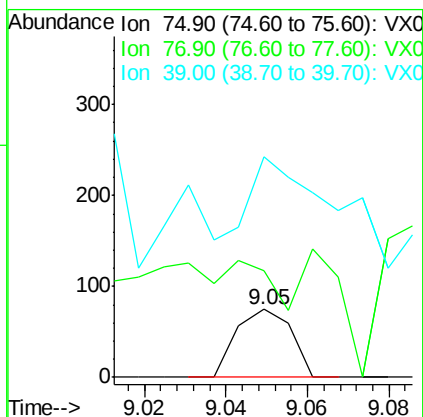
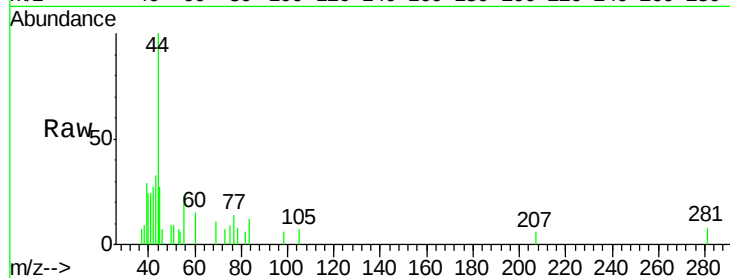
Tot Ion: 75 Resp: 70

Ion Ratio Lower Upper

75 100

77 9.3 25.4 38.0#

39 78.7 44.1 66.1#



#55

1,1,2-Trichloroethane

Concen: 1.99 ug/l

RT: 9.11 min Scan# 1398

Delta R.T. -0.11 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Tgt Ion: 97 Resp: 33

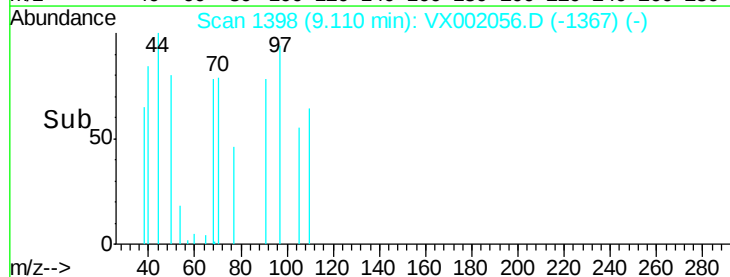
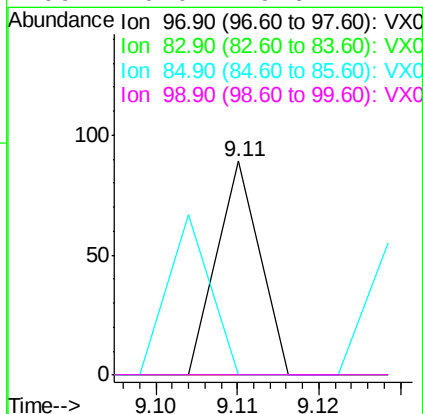
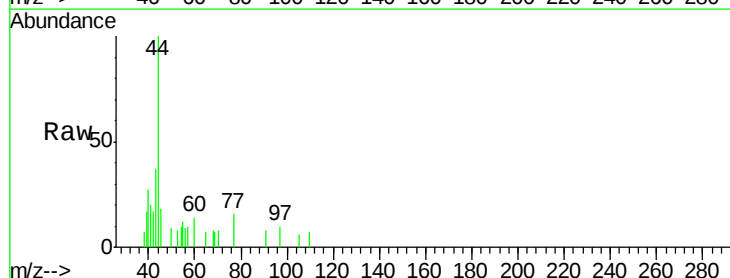
Ion Ratio Lower Upper

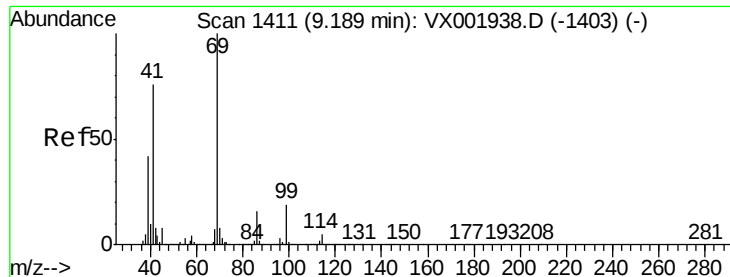
97 100

83 0.0 69.1 103.7#

85 0.0 45.2 67.8#

99 0.0 49.6 74.4#





#56

Ethyl methacrylate

Concen: 8.04 ug/l

RT: 9.18 min Scan# 1409

Delta R.T. -0.01 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

ClientSampled :

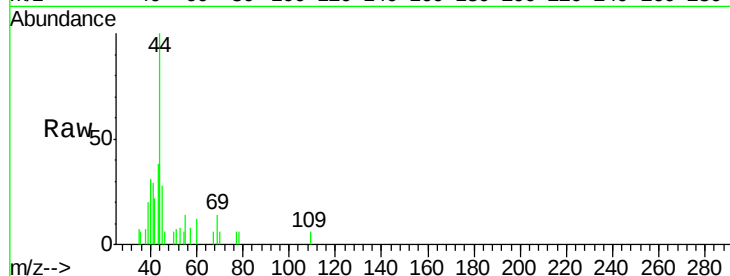
Tot Ion: 69 Resp: 229

Ion Ratio Lower Upper

69 100

41 37.1 61.0 91.6#

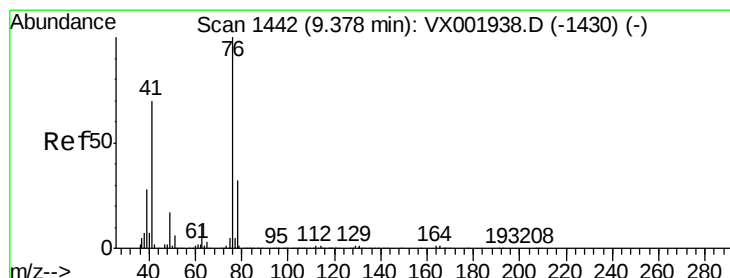
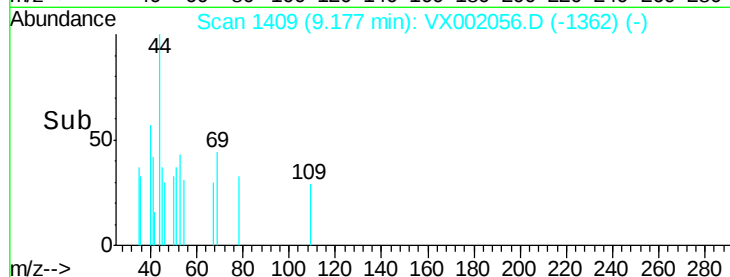
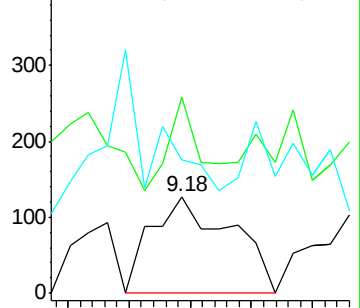
39 0.0 34.4 51.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 0.70 ug/l

RT: 9.15 min Scan# 1404

Delta R.T. -0.23 min

Lab File: VX002056.D

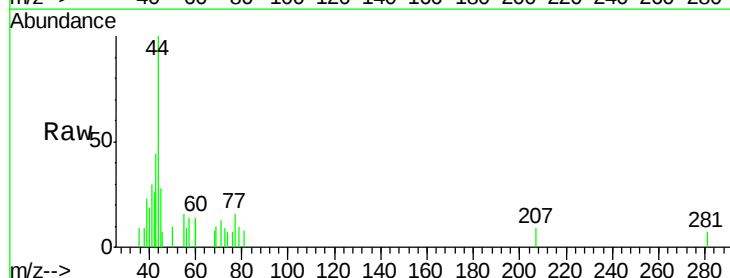
Acq: 27 May 2018 08:43

Tgt Ion: 76 Resp: 19

Ion Ratio Lower Upper

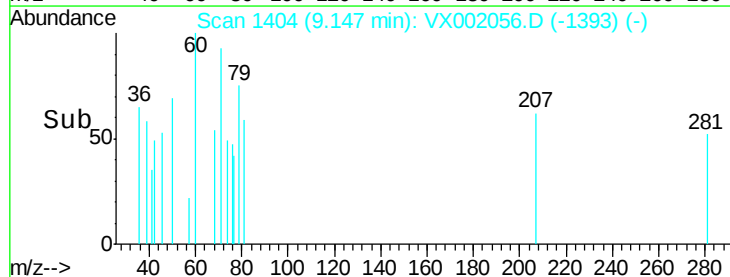
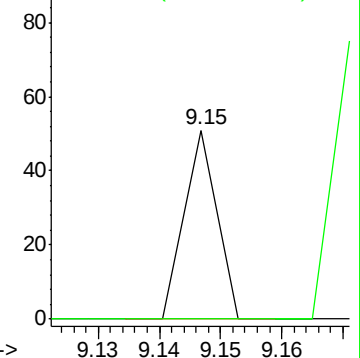
76 100

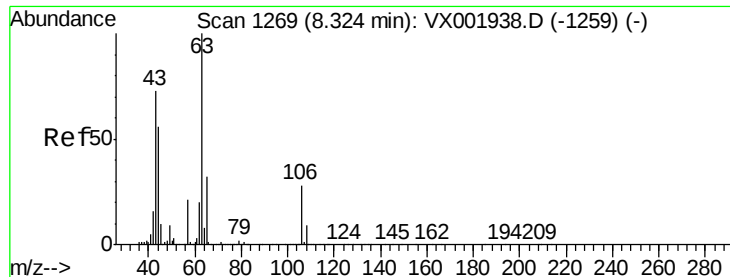
78 0.0 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

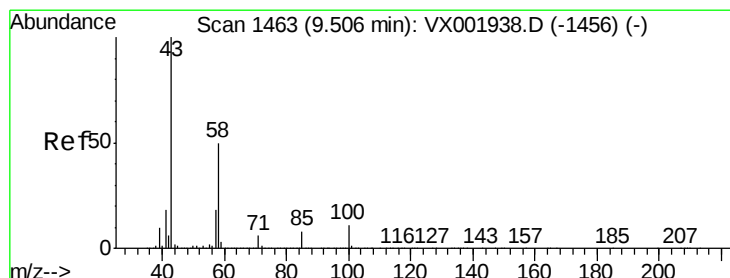
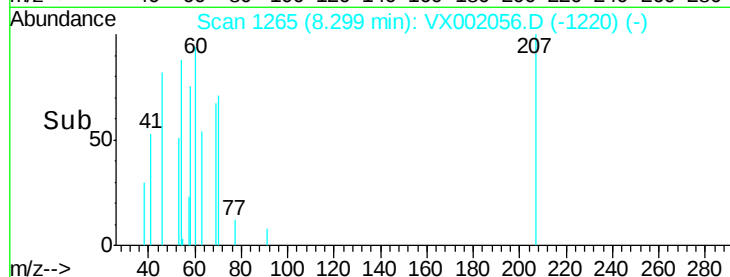
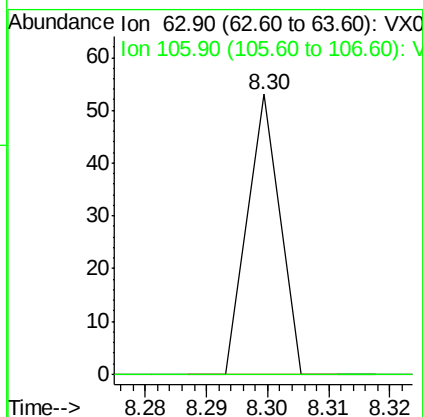
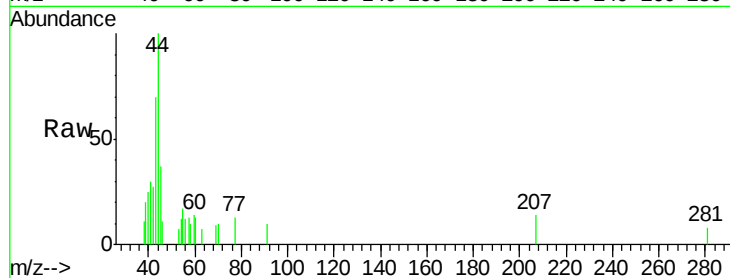




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.50 ug/l
 RT: 8.30 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: VX002056.D
 Acq: 27 May 2018 08:43

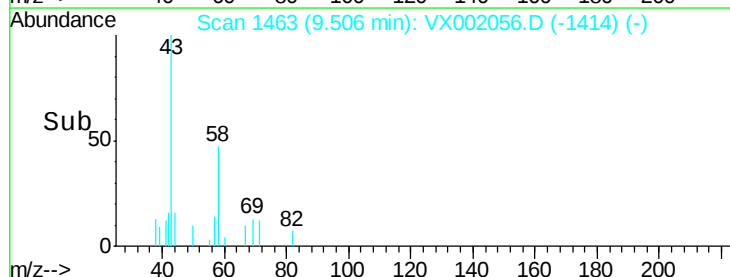
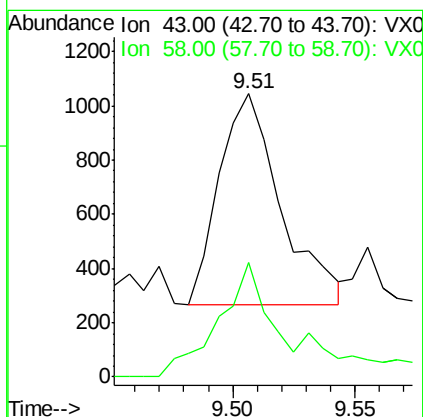
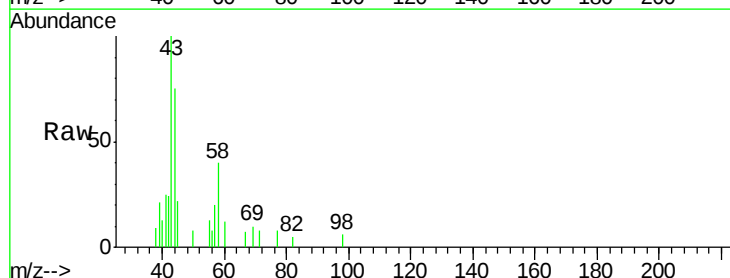
Instrument :
 MSVOA_X
 ClientSampled :

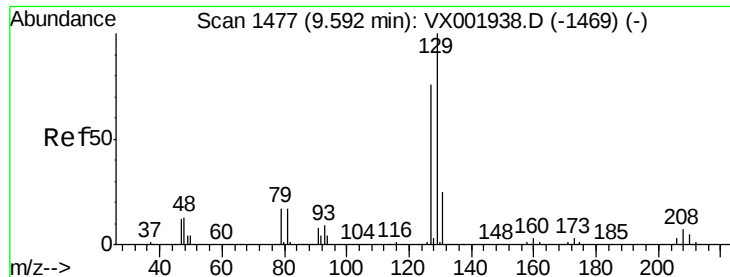
Tot Ion: 63 Resp: 19
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.7 32.5#



#59
 2-Hexanone
 Concen: 63.52 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VX002056.D
 Acq: 27 May 2018 08:43

Tgt Ion: 43 Resp: 1364
 Ion Ratio Lower Upper
 43 100
 58 62.3 24.9 74.6

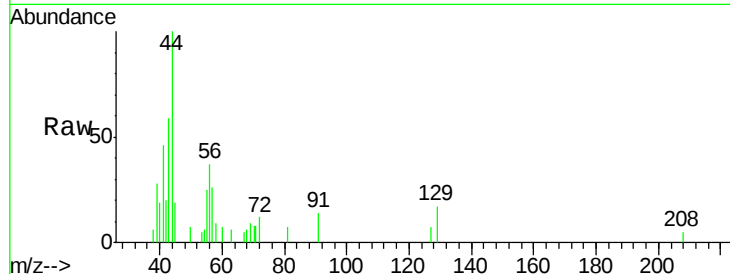




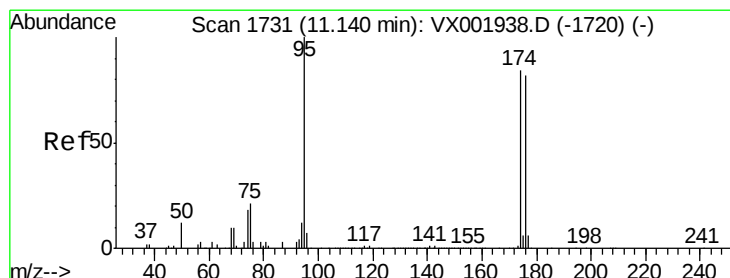
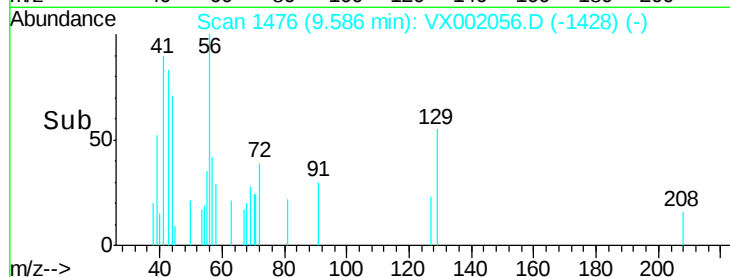
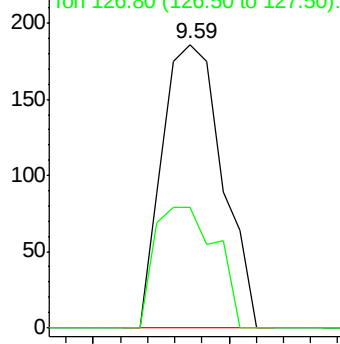
#60
Dibromochloromethane
Concen: 14.47 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 284
Ion Ratio Lower Upper
129 100
127 43.7 38.3 114.9

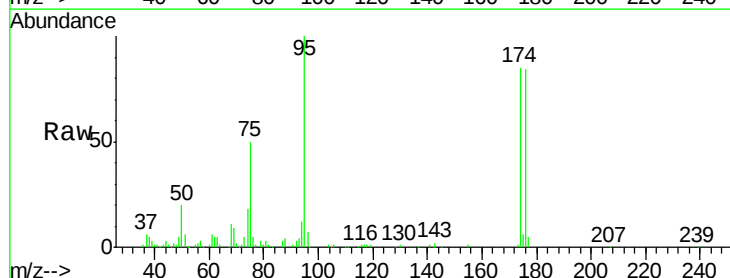


Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V

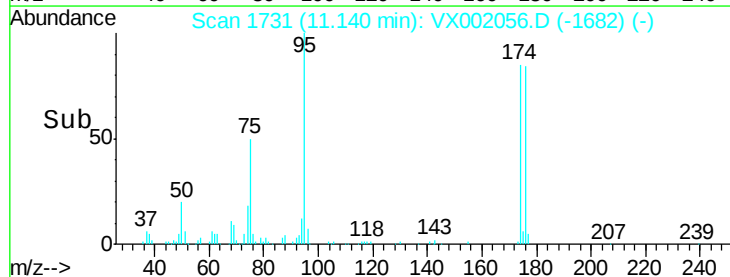
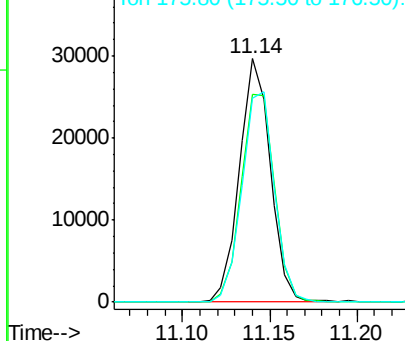


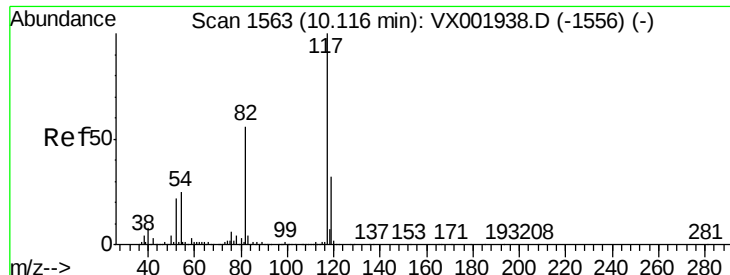
#62
4-Bromofluorobenzene
Concen: 1692.07 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

Tgt Ion: 95 Resp: 36647
Ion Ratio Lower Upper
95 100
174 92.0 0.0 178.8
176 90.3 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: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

ClientSampleId :

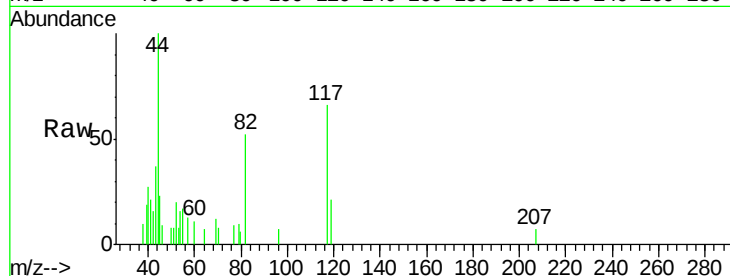
Tot Ion:117 Resp: 830

Ion Ratio Lower Upper

117 100

82 78.9 44.8 67.2#

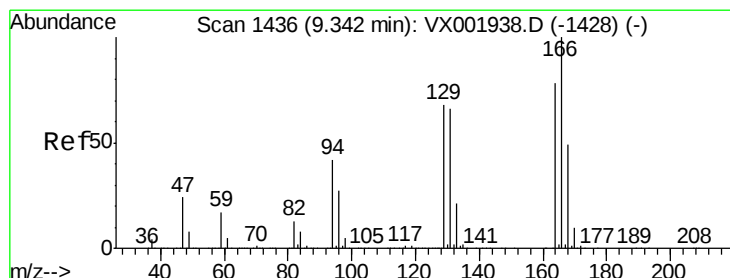
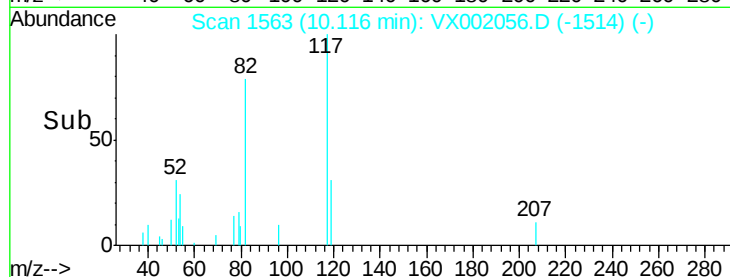
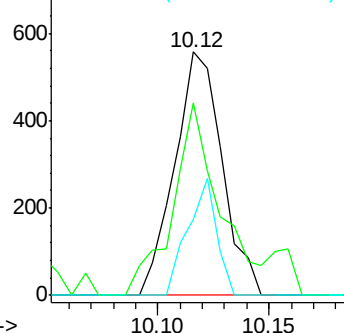
119 31.4 25.5 38.3



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: 26.05 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Tgt Ion:164 Resp: 310

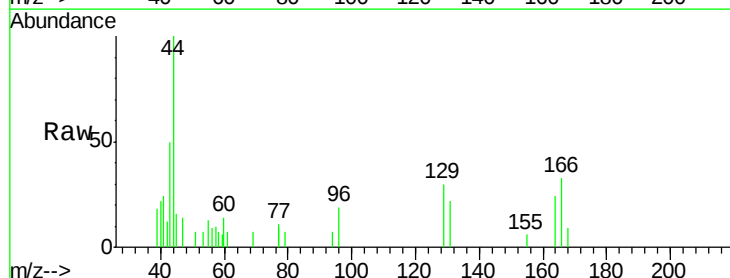
Ion Ratio Lower Upper

164 100

166 135.6 102.7 154.1

129 122.9 70.3 105.5#

131 90.7 68.2 102.4

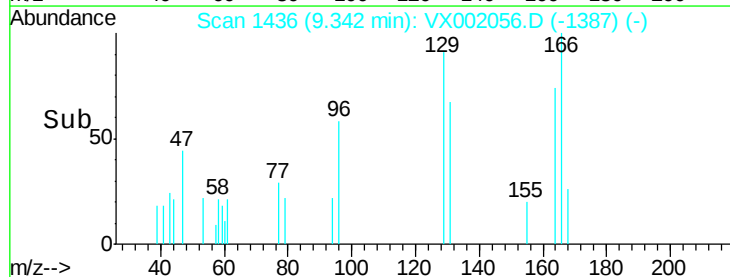
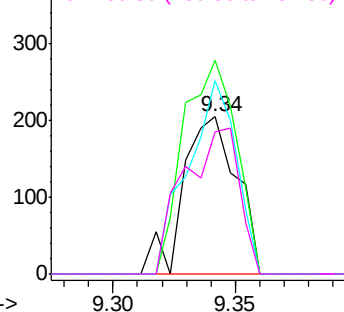


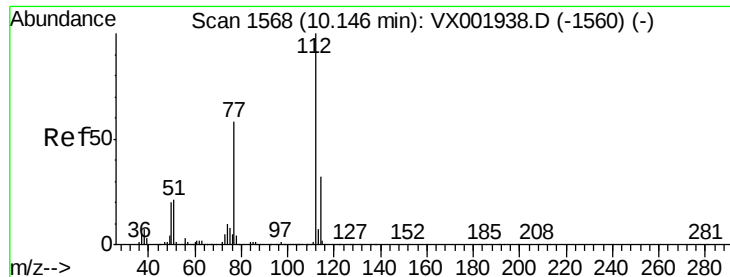
Abundance Ion 163.80 (163.50 to 164.50): V

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





#65

Chlorobenzene

Concen: 8.37 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

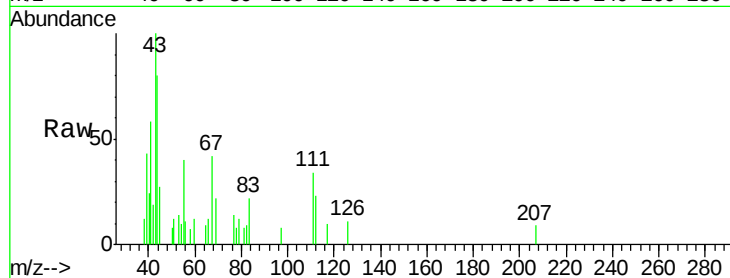
ClientSampleId :

Tot Ion:112 Resp: 220

Ion Ratio Lower Upper

112 100

114 0.0 25.9 38.9#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

200

150

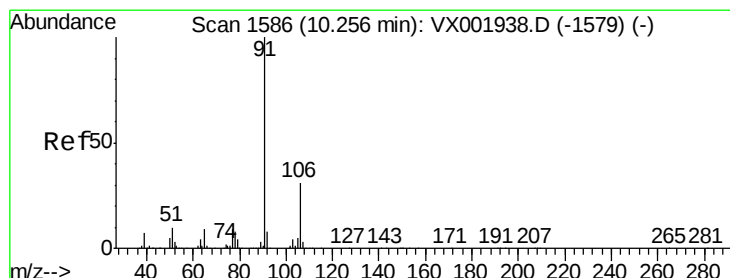
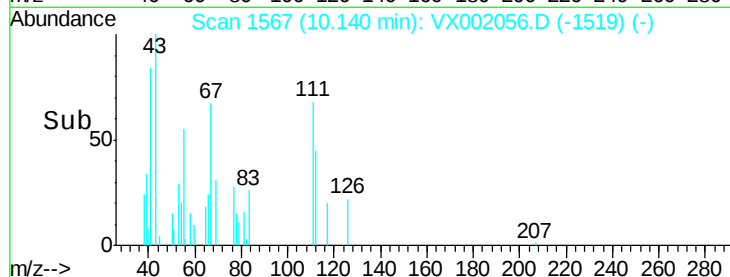
100

50

0

10.12 10.14 10.16

Time-->



#67

Ethyl Benzene

Concen: 234.76 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002056.D

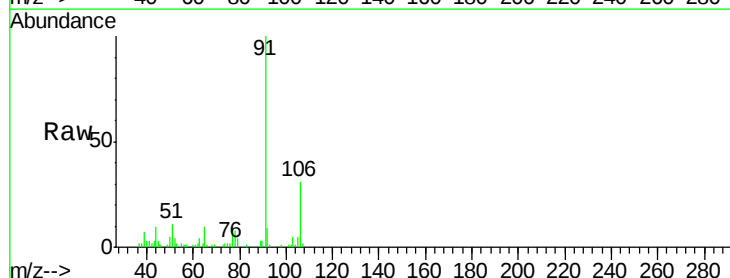
Acq: 27 May 2018 08:43

Tgt Ion: 91 Resp: 10726

Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

15000

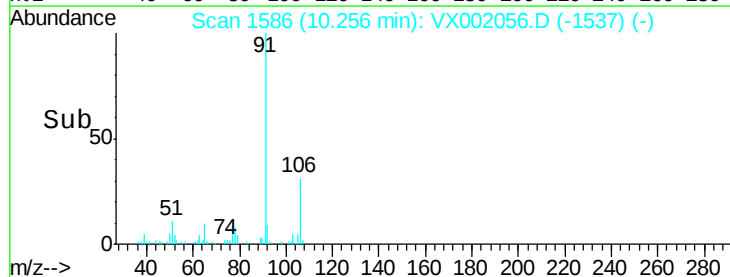
10000

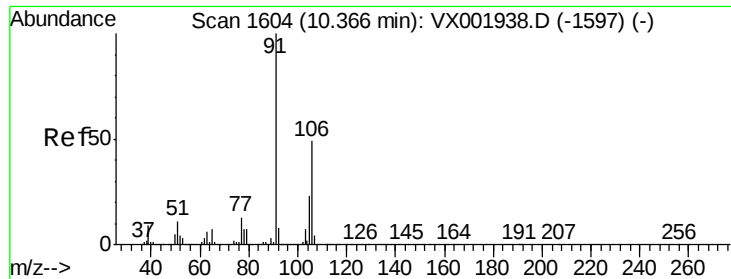
5000

0

10.20 10.26 10.30

Time-->

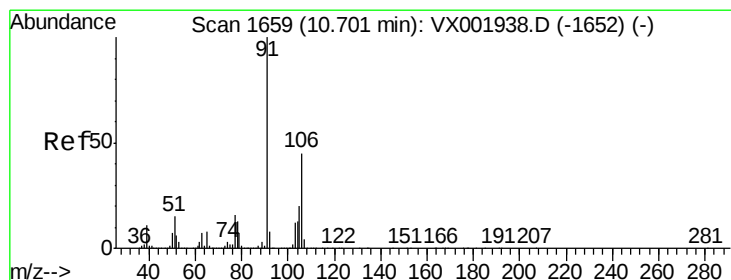
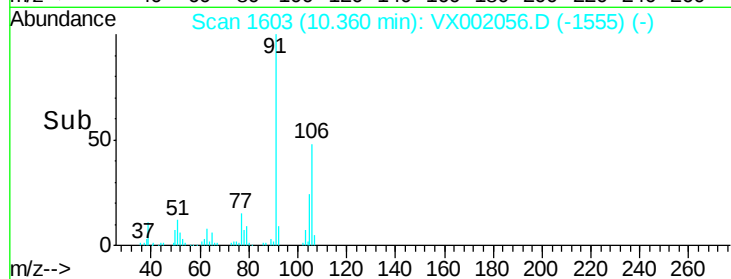
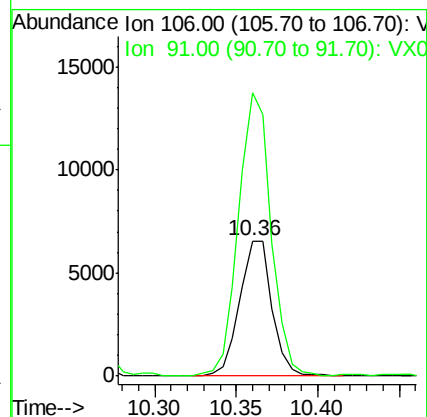
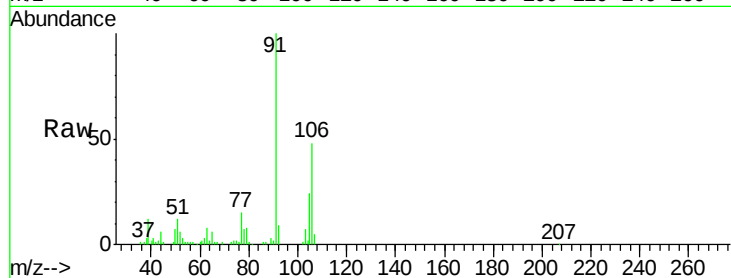




#68
m/p-Xvlenes
Concen: 519.32 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

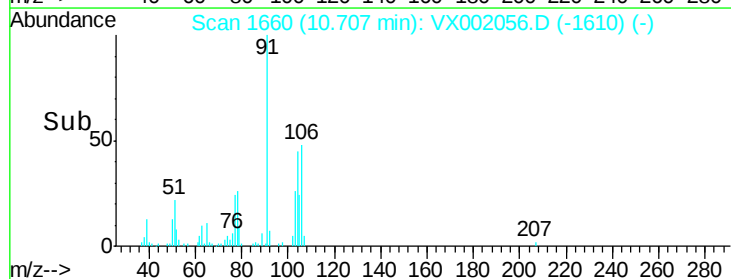
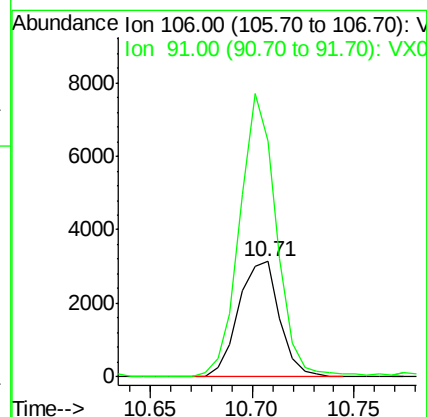
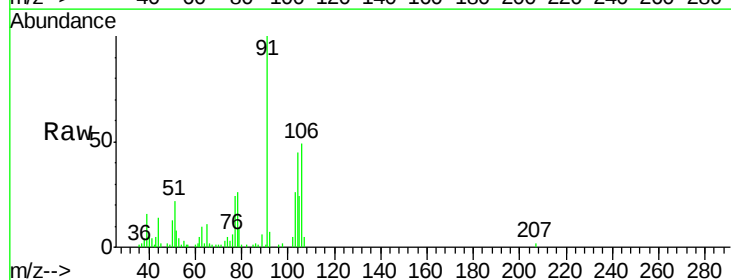
Instrument :
MSVOA_X
ClientSampled :

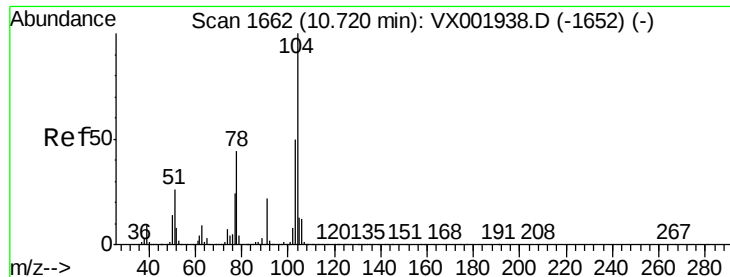
Tot Ion:106 Resp: 9070
Ion Ratio Lower Upper
106 100
91 210.6 165.0 247.6



#69
o-Xylene
Concen: 249.91 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

Tgt Ion:106 Resp: 4358
Ion Ratio Lower Upper
106 100
91 220.6 108.7 325.9





#70

Stvrene

Concen: 226.24 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

ClientSampleId :

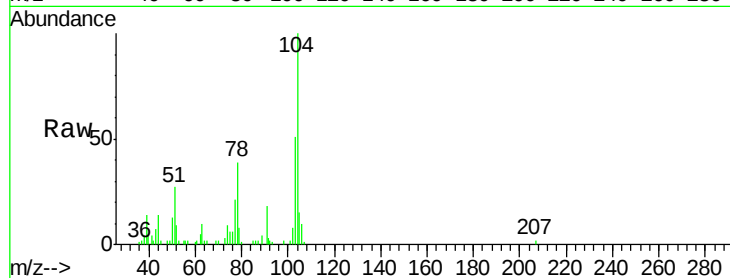
Tot Ion:104 Resp: 6543

Ion Ratio Lower Upper

104 100

78 54.6 41.8 62.6

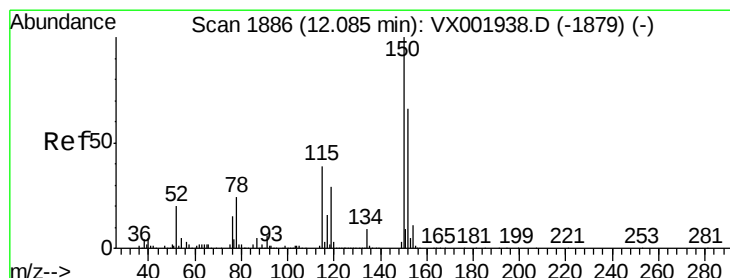
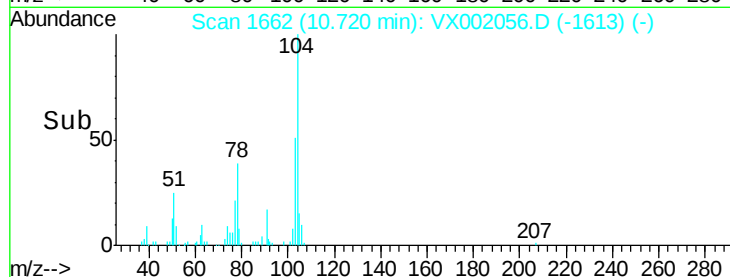
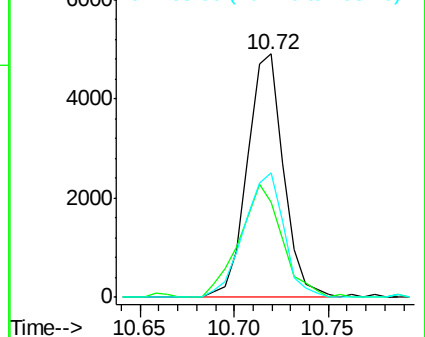
103 56.4 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): 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: VX002056.D

Acq: 27 May 2018 08:43

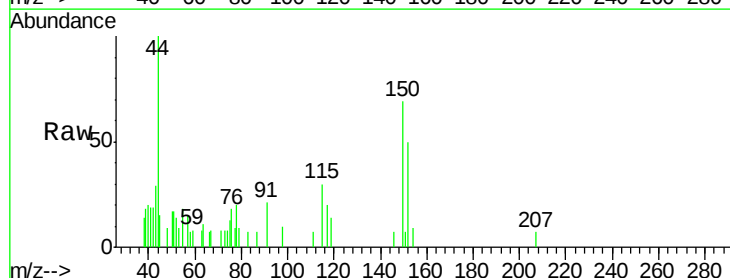
Tgt Ion:152 Resp: 604

Ion Ratio Lower Upper

152 100

115 104.6 42.3 126.8

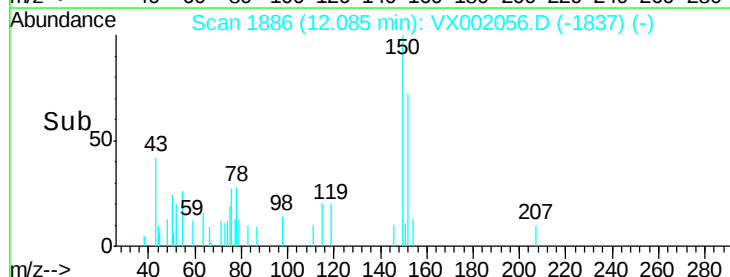
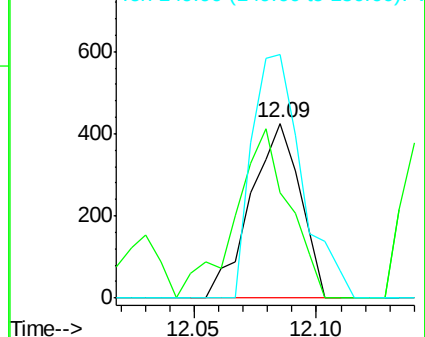
150 140.2 0.0 351.0

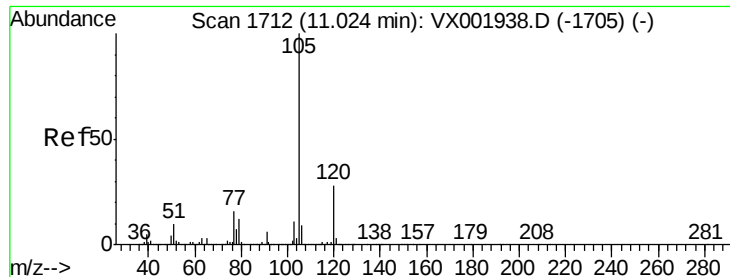


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 30.44 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

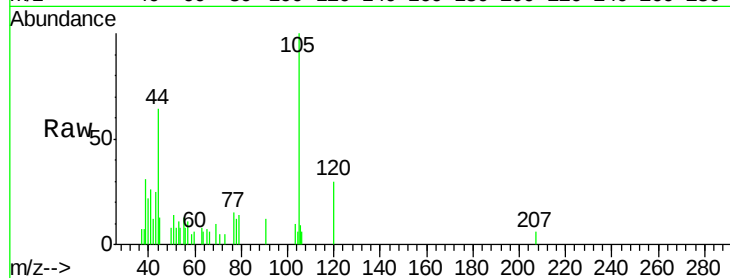
ClientSampleId :

Tot Ion:105 Resp: 1557

Ion Ratio Lower Upper

105 100

120 26.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

1000

800

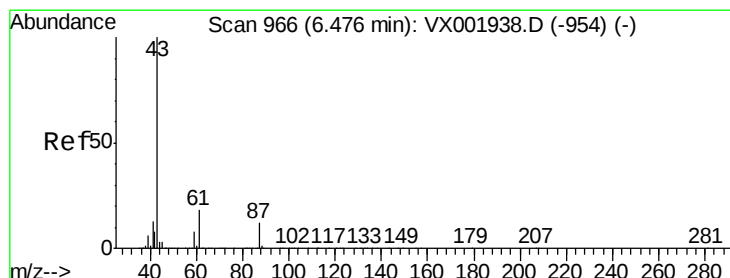
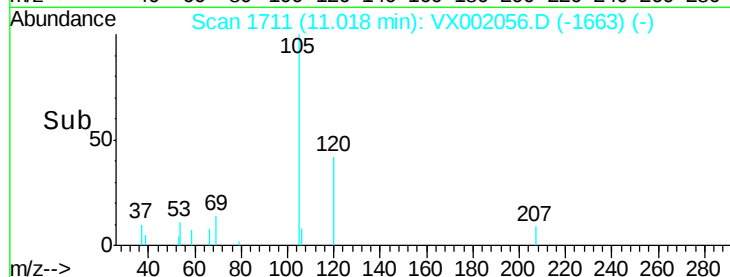
600

400

200

0

Time--> 10.95 11.00 11.05



#74

N-ethyl acetate

Concen: 6.97 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Tgt Ion: 43 Resp: 257

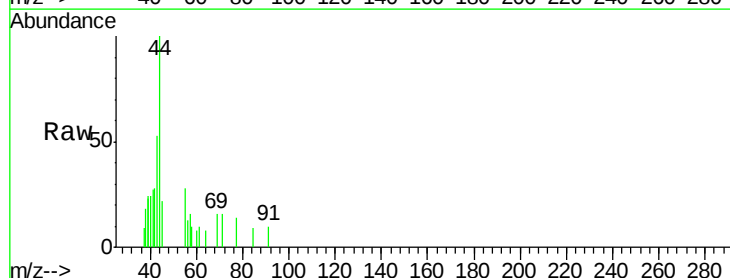
Ion Ratio Lower Upper

43 100

70 8.2 0.1 0.1#

55 42.4 0.1 0.1#

61 17.1 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

6.48

500

400

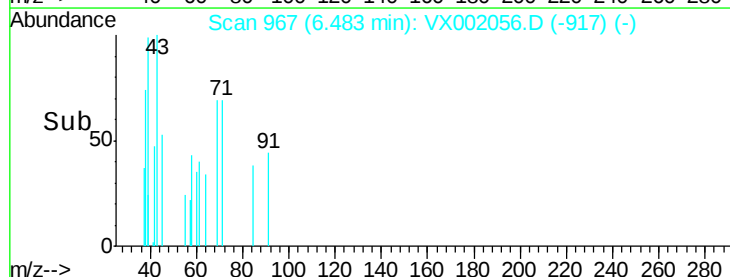
300

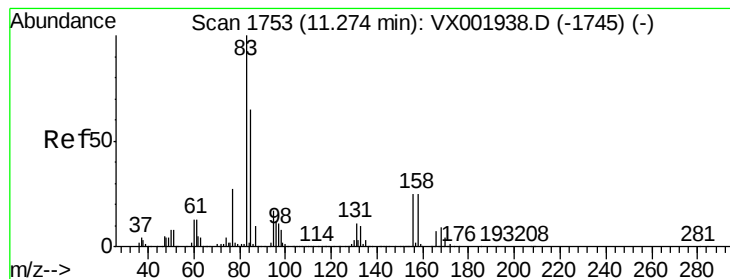
200

100

0

Time--> 6.44 6.46 6.48 6.50





#75

1,1,2,2-Tetrachloroethane

Concen: 8.60 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

ClientSampled :

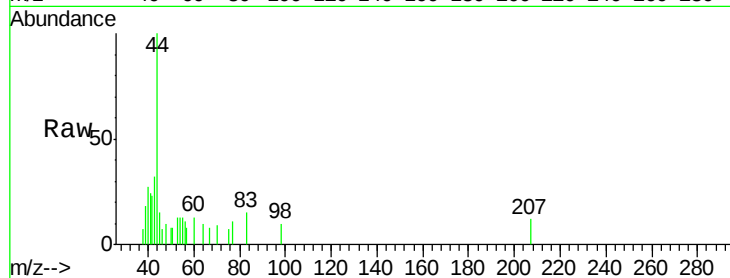
Tot Ion: 83 Resp: 135

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.0#

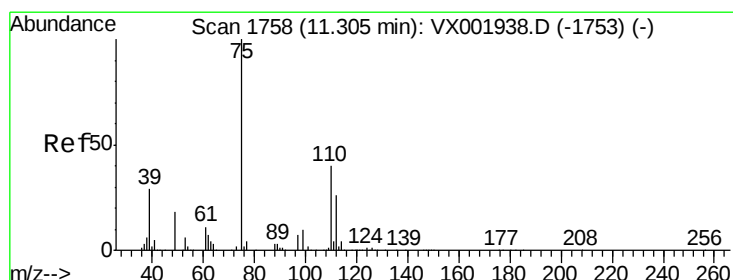
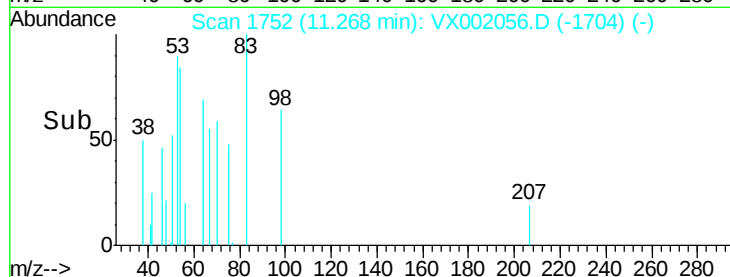
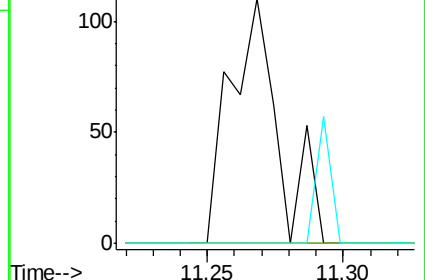
85 0.0 32.6 97.7#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1306.06 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002056.D

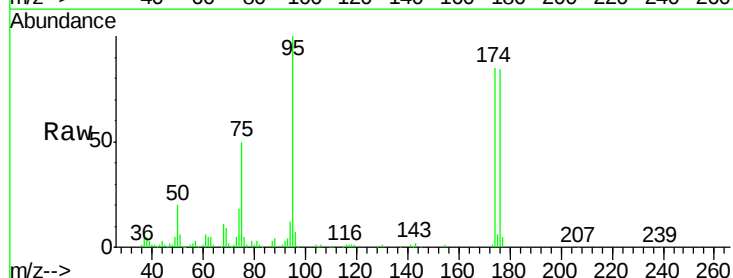
Acq: 27 May 2018 08:43

Tgt Ion: 75 Resp: 18948

Ion Ratio Lower Upper

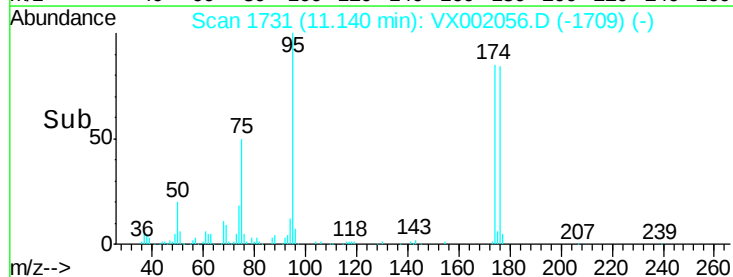
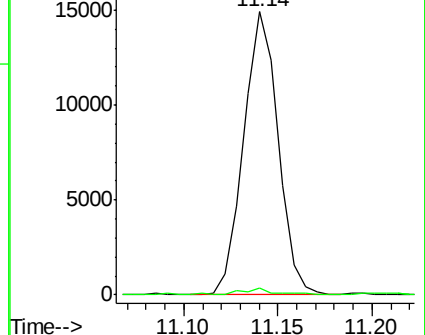
75 100

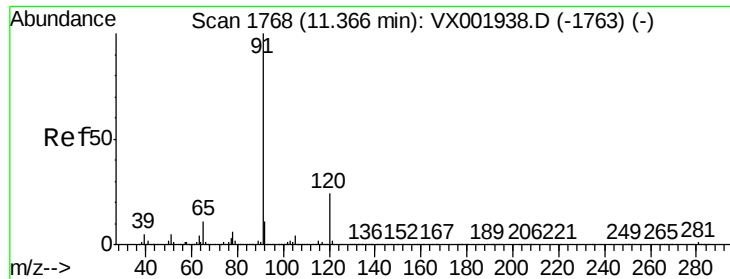
77 2.1 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 47.95 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

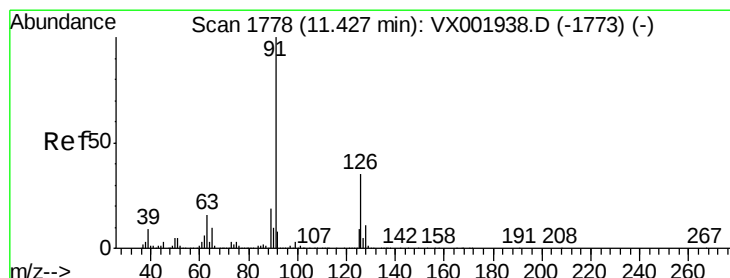
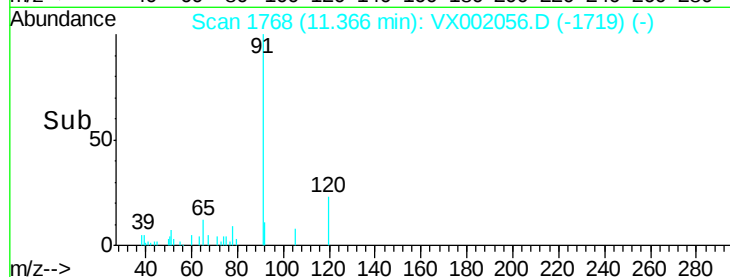
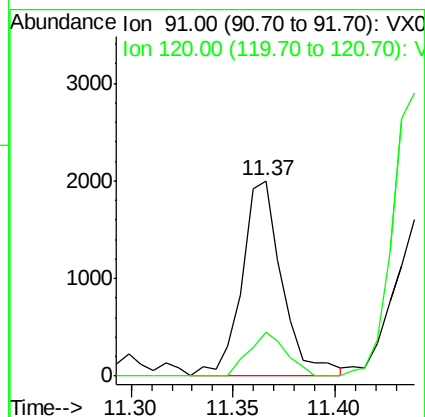
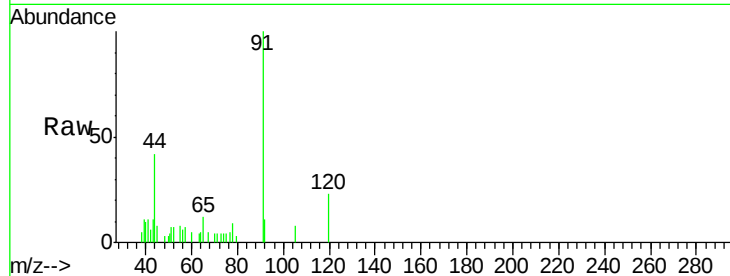
ClientSampled :

Tot Ion: 91 Resp: 2747

Ion Ratio Lower Upper

91 100

120 20.9 11.9 35.7



#79

2-Chlorotoluene

Concen: 86.75 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX002056.D

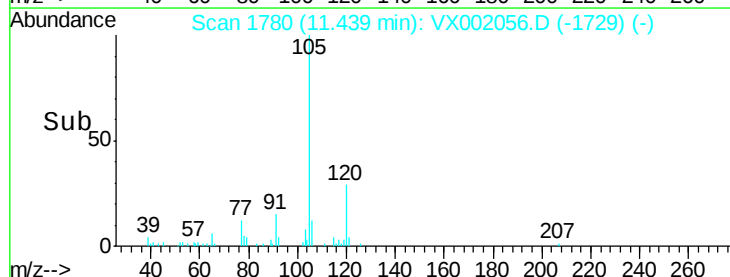
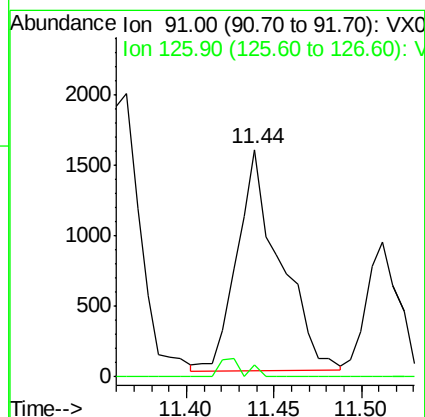
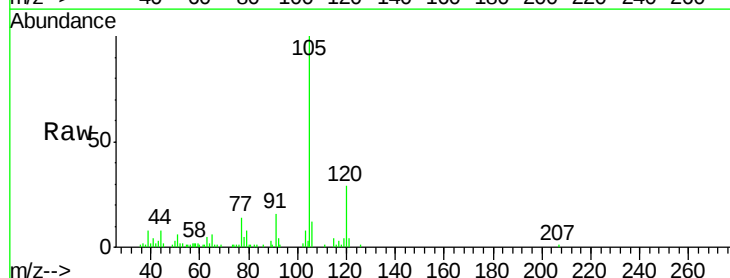
Acq: 27 May 2018 08:43

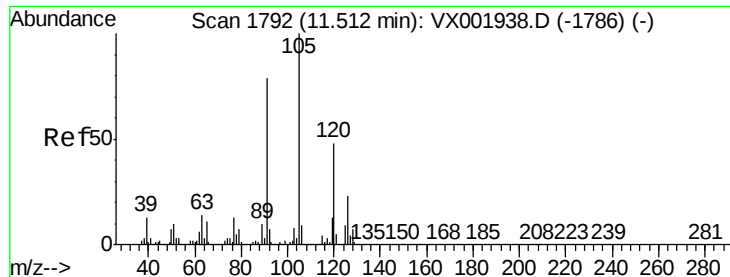
Tgt Ion: 91 Resp: 2673

Ion Ratio Lower Upper

91 100

126 4.5 17.4 52.2#





#80

1,3,5-Trimethylbenzene

Concen: 172.64 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

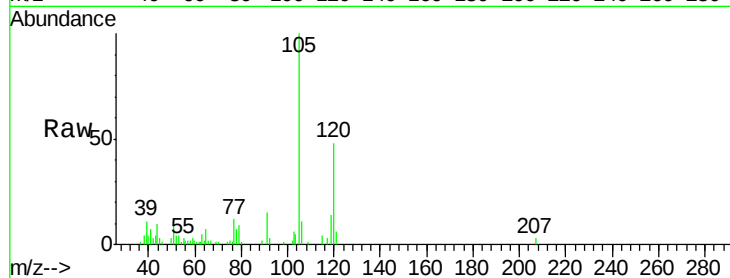
ClientSampled :

Tot Ion:105 Resp: 7546

Ion Ratio Lower Upper

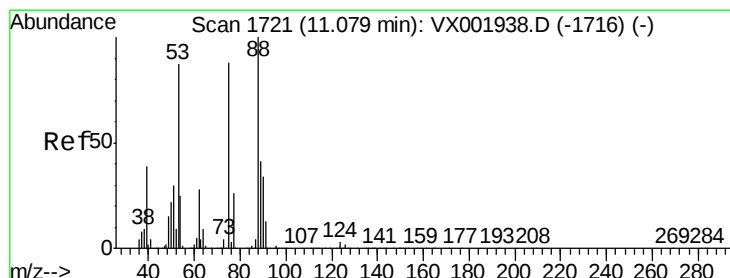
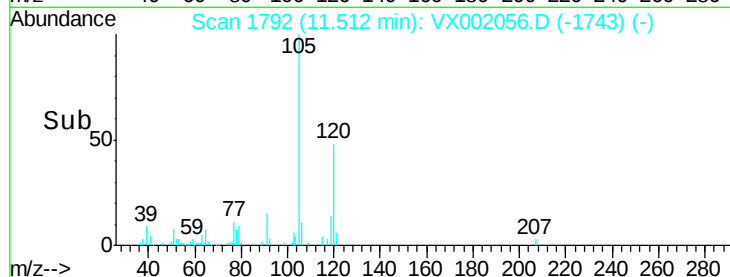
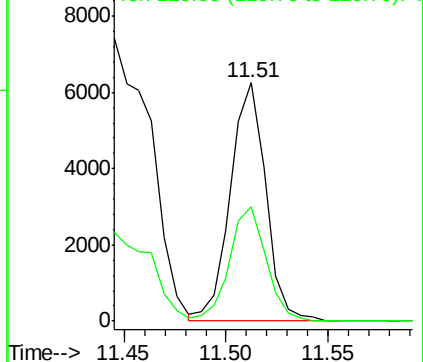
105 100

120 49.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 3139.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

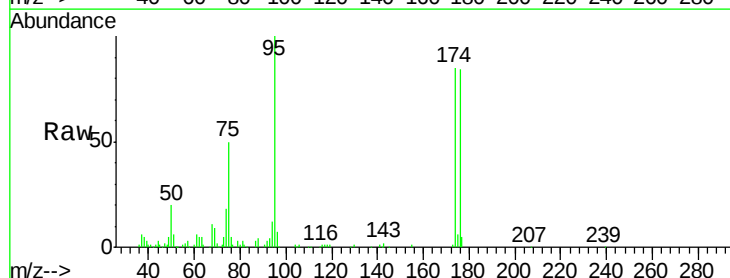
Tgt Ion: 75 Resp: 18948

Ion Ratio Lower Upper

75 100

53 0.3 78.0 117.0#

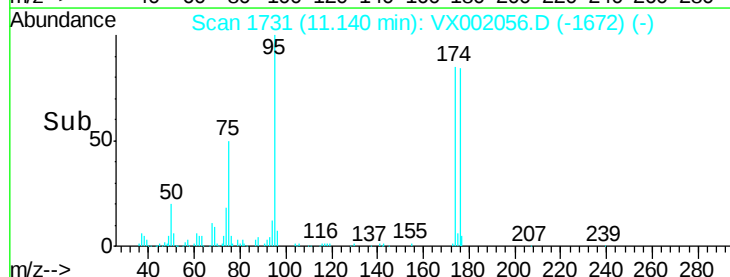
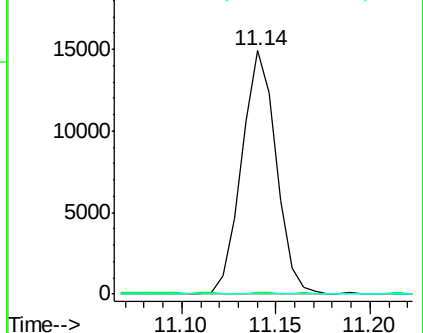
89 0.0 39.4 59.2#

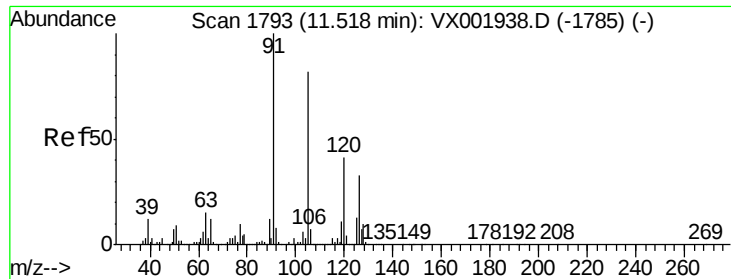


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 27.99 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

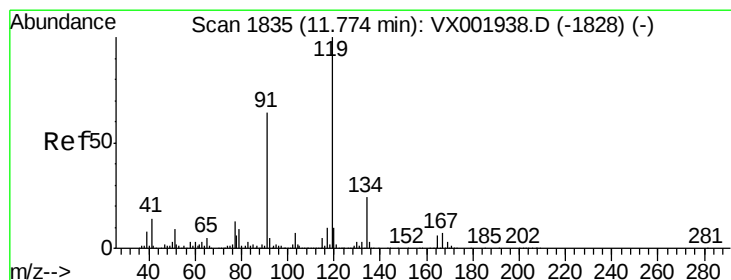
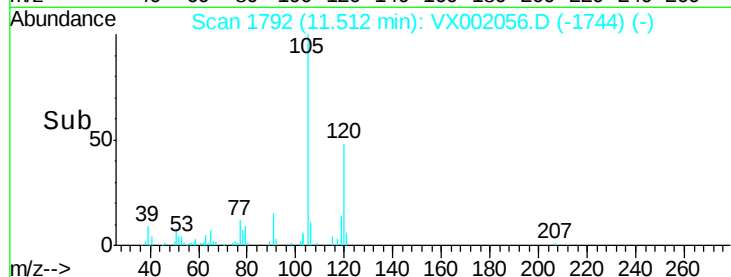
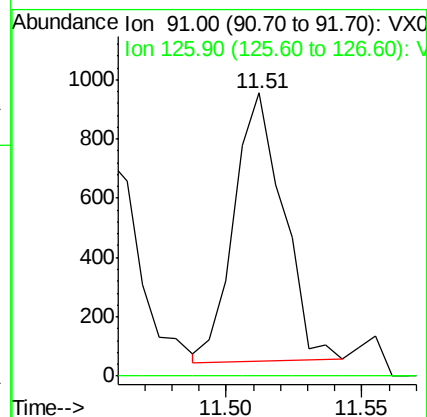
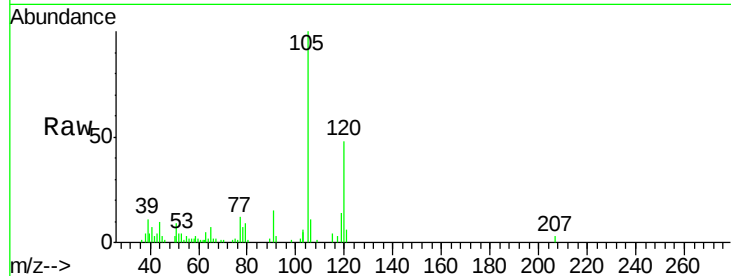
ClientSampled :

Tot Ion: 91 Resp: 1131

Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.8#



#83

tert-Butylbenzene

Concen: 32.15 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.26 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

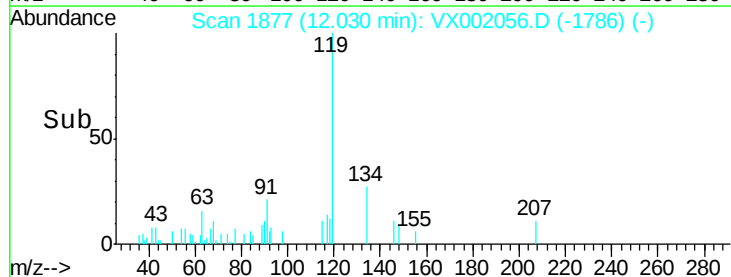
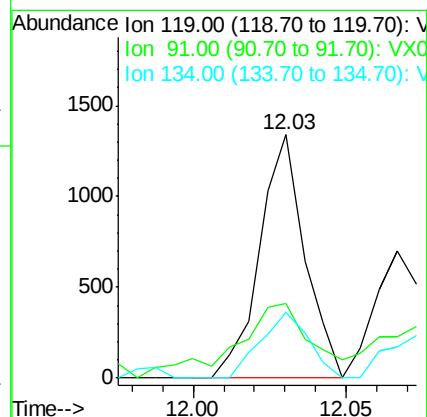
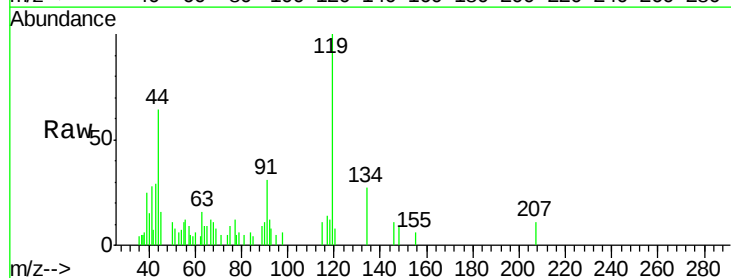
Tgt Ion: 119 Resp: 1379

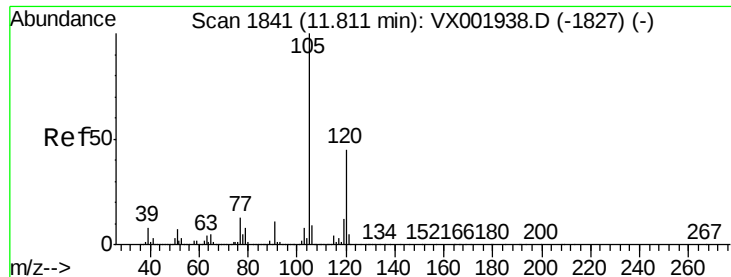
Ion Ratio Lower Upper

119 100

91 52.2 30.6 91.8

134 28.7 11.7 35.0





#84

1,2,4-Trimethylbenzene

Concen: 664.54 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

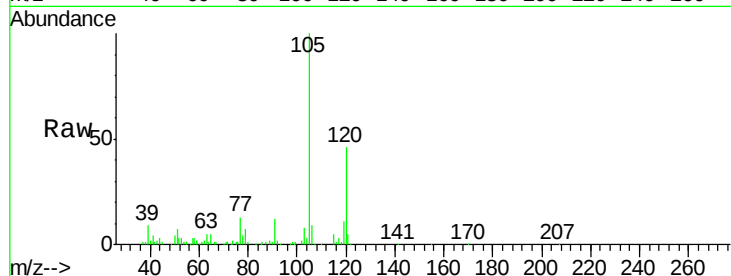
ClientSampleId :

Tot Ion:105 Resp: 30017

Ion Ratio Lower Upper

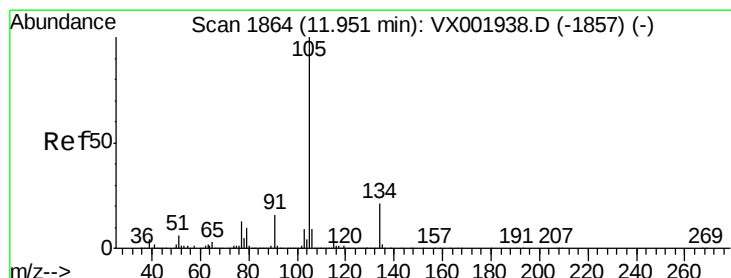
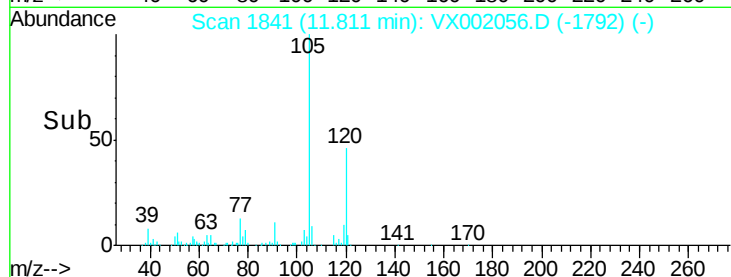
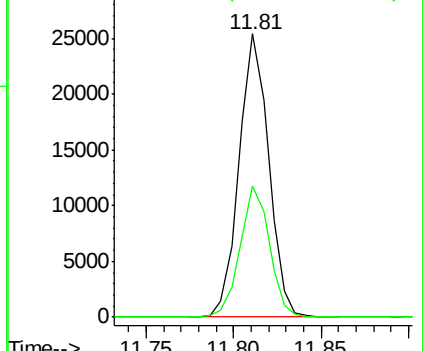
105 100

120 46.0 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 582.16 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.14 min

Lab File: VX002056.D

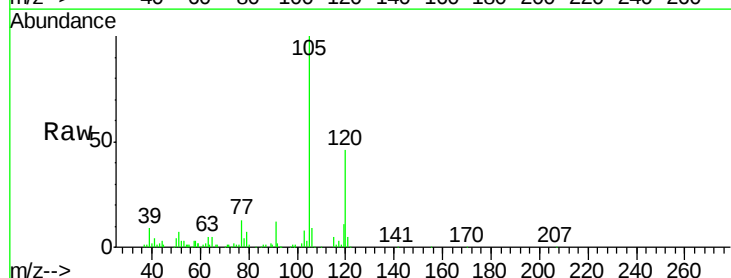
Acq: 27 May 2018 08:43

Tgt Ion:105 Resp: 30017

Ion Ratio Lower Upper

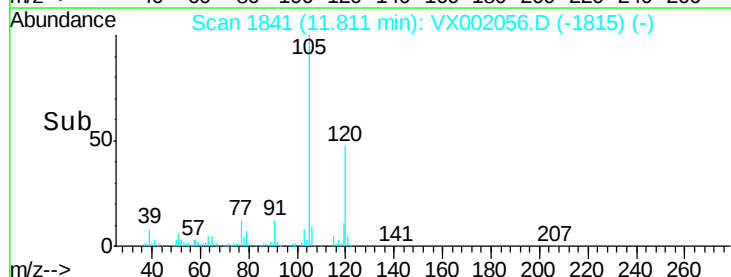
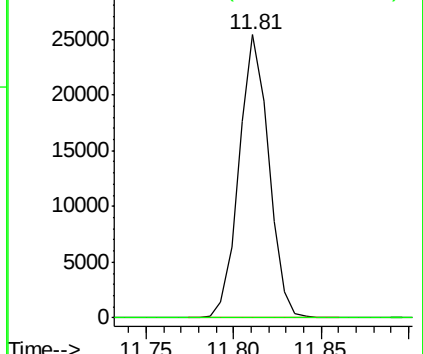
105 100

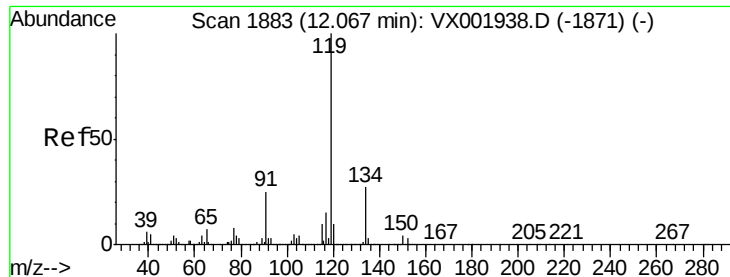
134 0.0 10.4 31.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: 17.92 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

ClientSampleId :

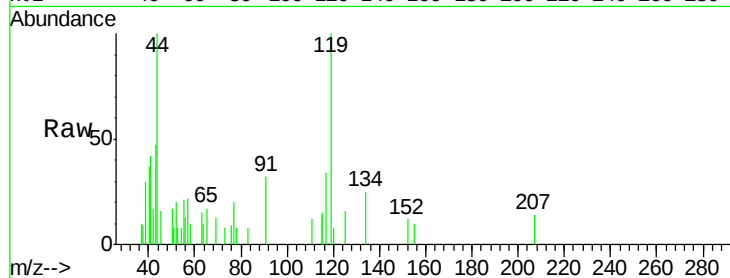
Tot Ion:119 Resp: 827

Ion Ratio Lower Upper

119 100

134 29.5 13.6 40.8

91 47.0 12.2 36.4#

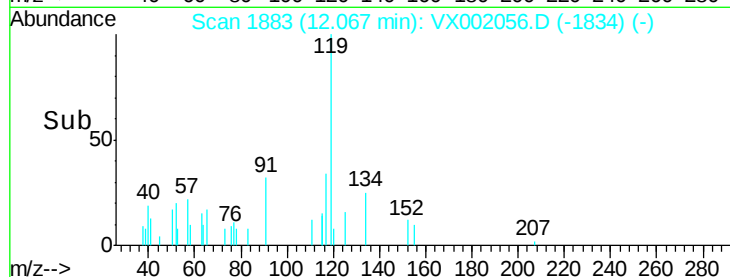


Abundance Ion 119.00 (118.70 to 119.70): V

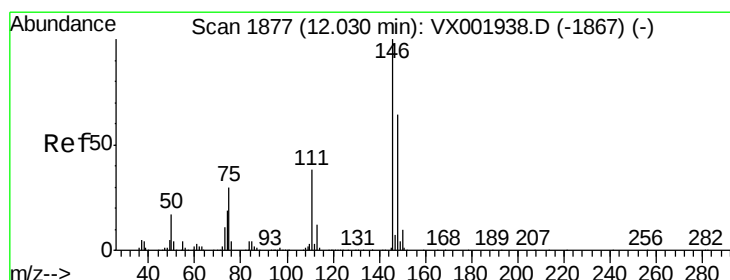
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

Time-->



Time-->



#87

1,3-Dichlorobenzene

Concen: 13.74 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

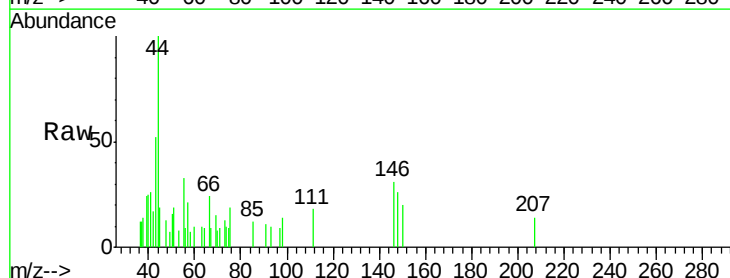
Tgt Ion:146 Resp: 334

Ion Ratio Lower Upper

146 100

111 46.1 19.3 57.8

148 63.2 32.1 96.3

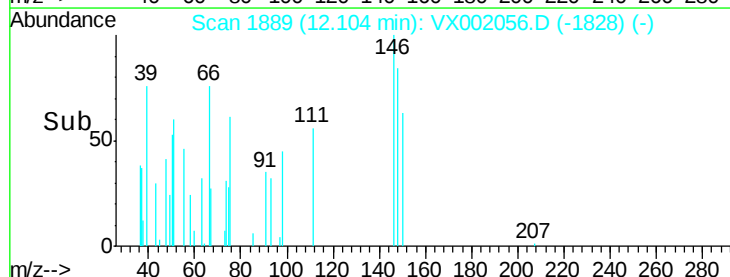


Abundance Ion 145.90 (145.60 to 146.60): V

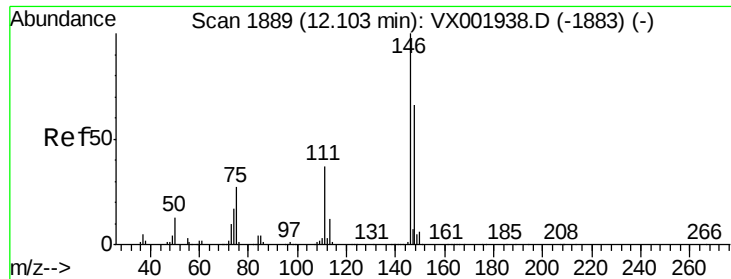
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

Time-->



Time-->



#88

1,4-Dichlorobenzene

Concen: 13.75 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002056.D

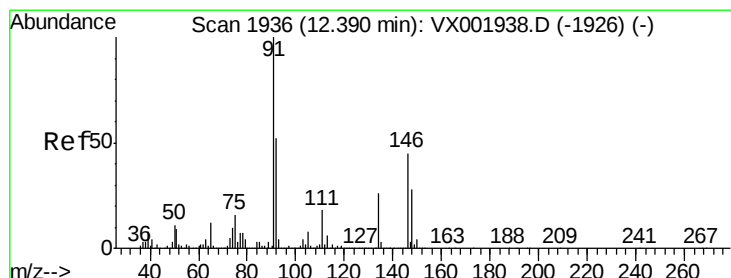
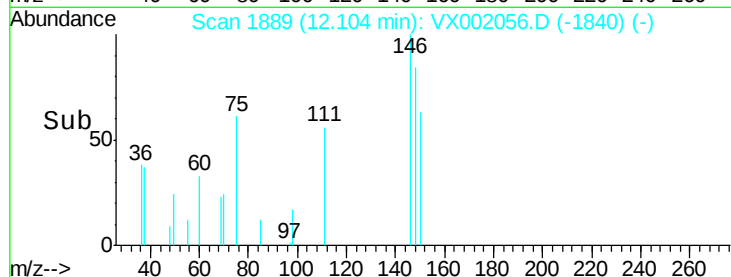
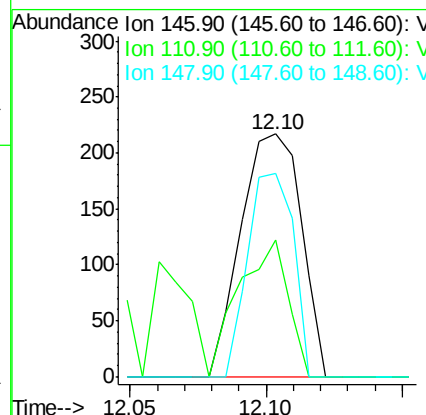
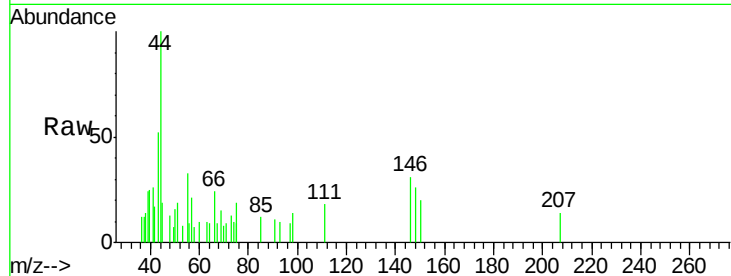
Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	334
Ion	Ratio	Lower	Upper
146	100		
111	46.1	18.9	56.5
148	63.2	32.3	96.8



#89

n-Butylbenzene

Concen: 49.83 ug/l

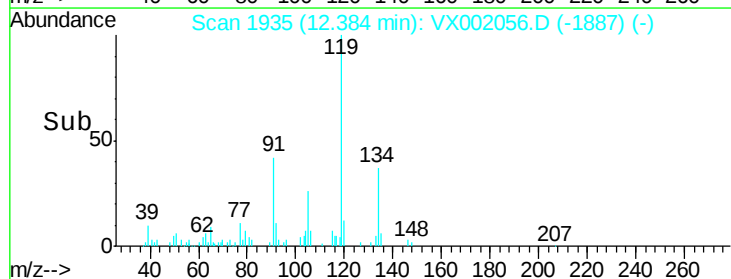
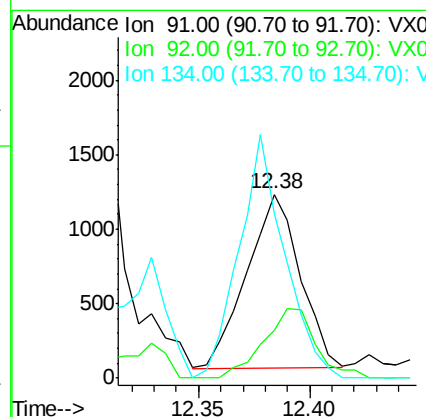
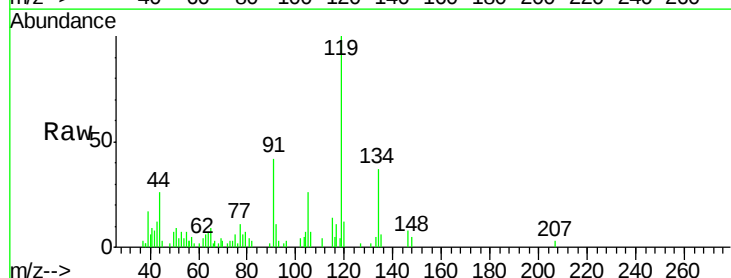
RT: 12.38 min Scan# 1935

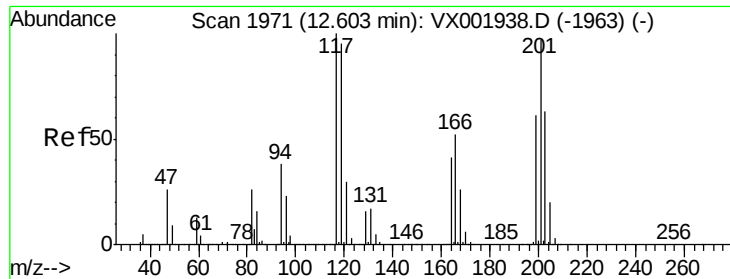
Delta R.T. -0.01 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Tgt Ion:	91	Resp:	1948
Ion	Ratio	Lower	Upper
91	100		
92	39.0	26.3	78.9
134	119.1	13.6	40.7#





#90

Hexachloroethane

Concen: 121.31 ug/l

RT: 12.61 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

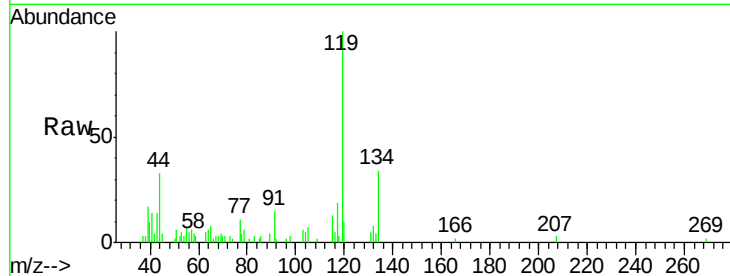
ClientSampled :

Tot Ion:117 Resp: 1104

Ion Ratio Lower Upper

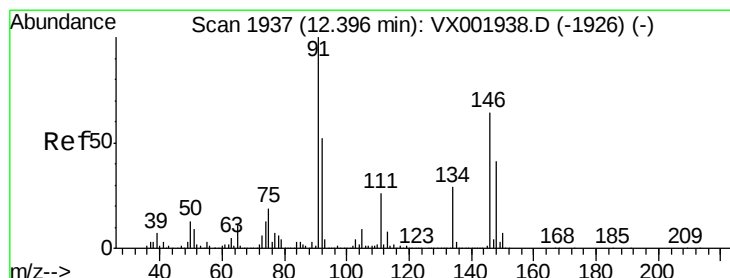
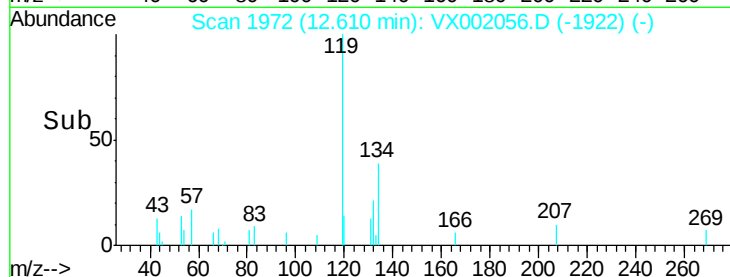
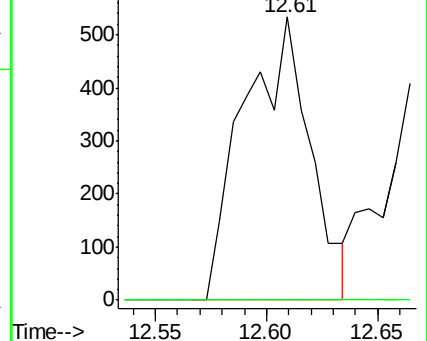
117 100

201 0.0 48.0 144.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 32.75 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

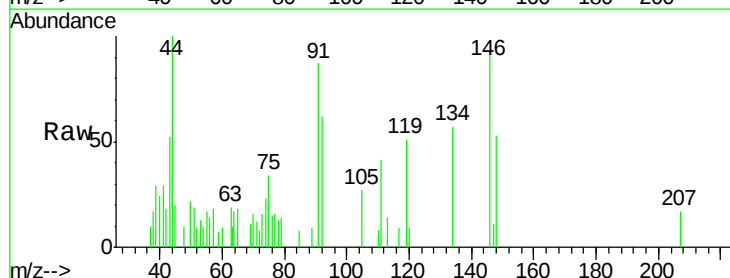
Tgt Ion:146 Resp: 811

Ion Ratio Lower Upper

146 100

111 42.5 19.8 59.3

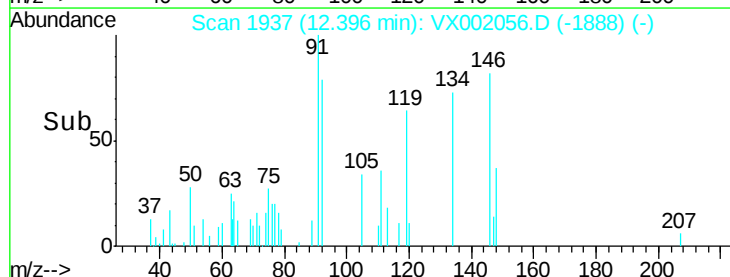
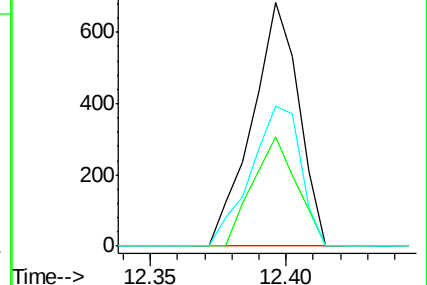
148 61.5 32.1 96.5

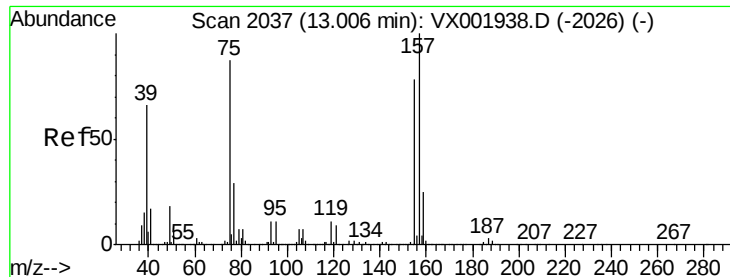


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 41.12 ug/l

RT: 13.02 min Scan# 2040

Delta R.T. 0.02 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

Instrument :

MSVOA_X

ClientSampled :

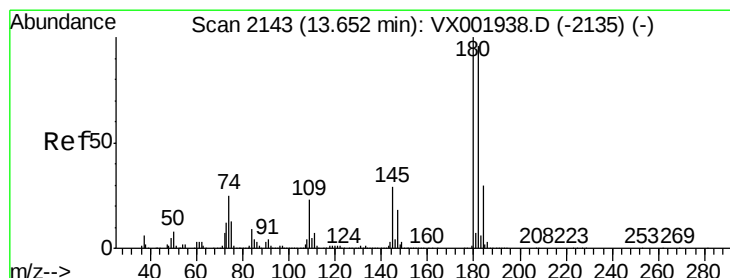
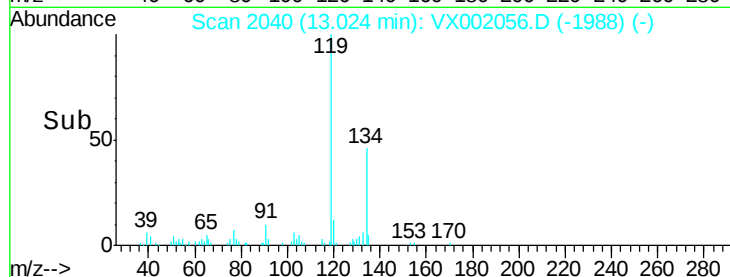
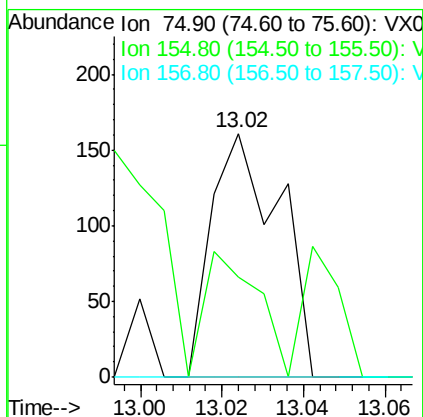
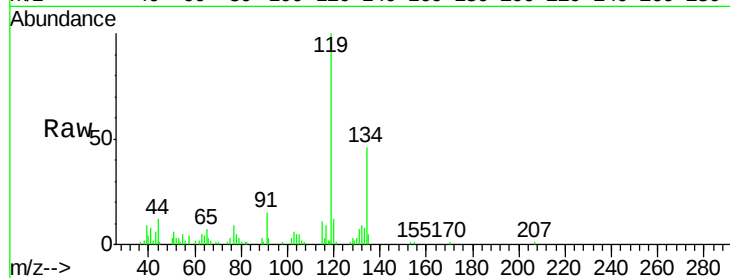
Tot Ion: 75 Resp: 187

Ion Ratio Lower Upper

75 100

155 40.1 45.1 135.2#

157 0.0 58.1 174.2#



#93

1,2,4-Trichlorobenzene

Concen: 416.97 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX002056.D

Acq: 27 May 2018 08:43

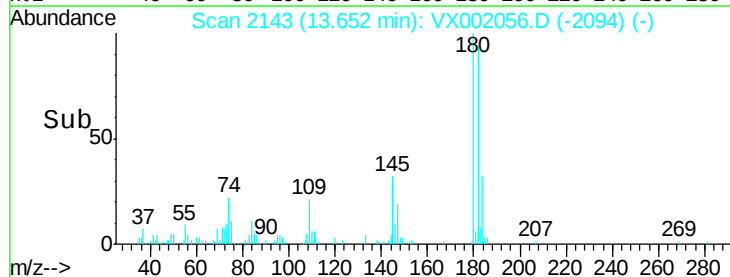
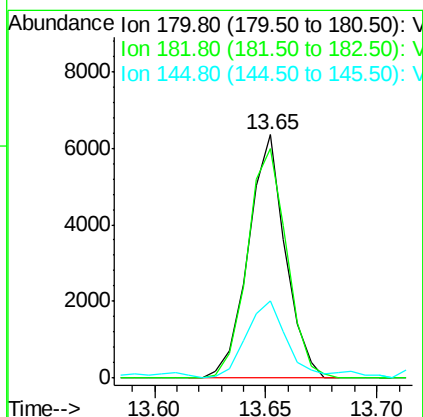
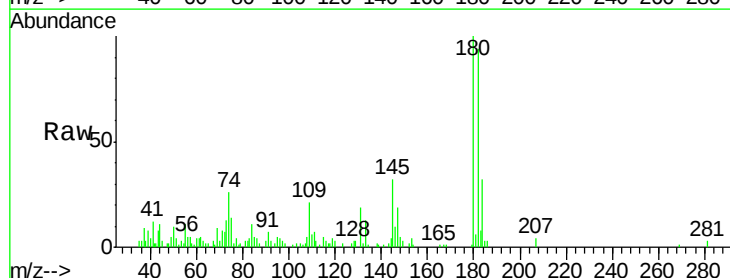
Tgt Ion: 180 Resp: 7383

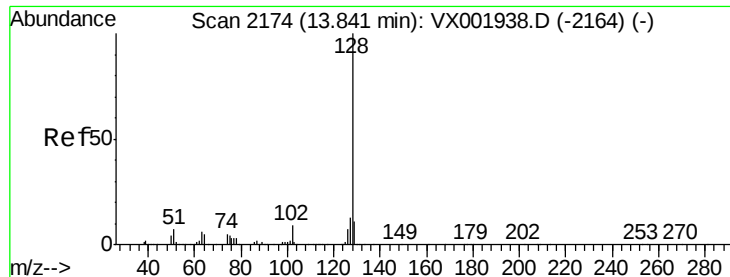
Ion Ratio Lower Upper

180 100

182 99.4 47.7 143.1

145 34.2 14.4 43.0

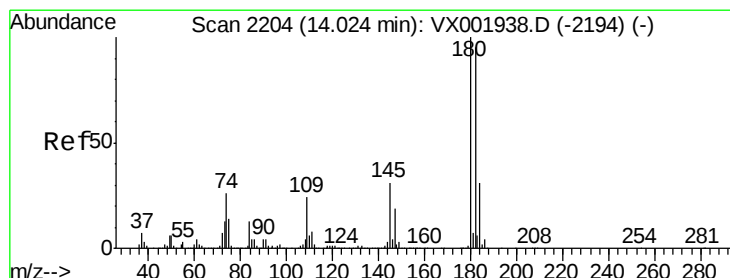
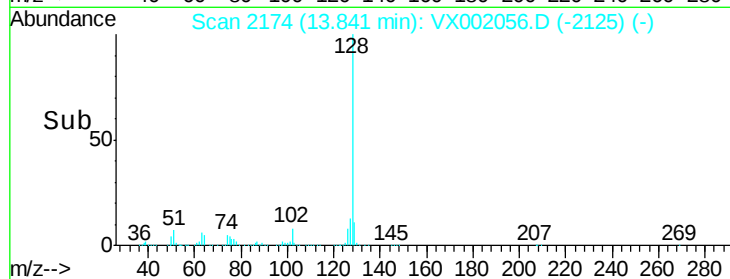
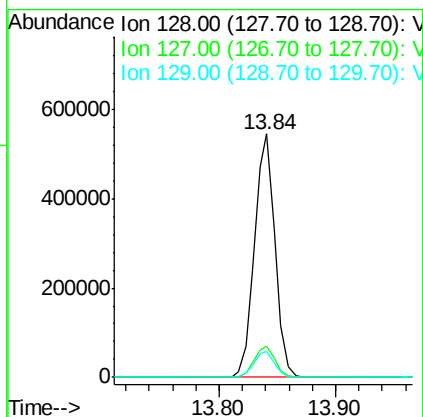
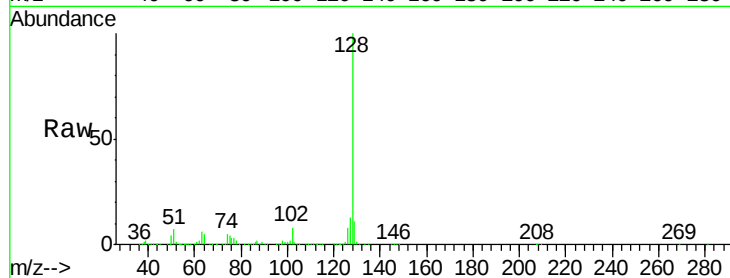




#95
Naphthalene
Concen: 12207.95 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 665957
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 79.36 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002056.D
Acq: 27 May 2018 08:43

Tgt Ion:180 Resp: 1454
Ion Ratio Lower Upper
180 100
182 82.9 47.9 143.6
145 39.0 15.1 45.3

