

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002058.D
 Acq On : 27 May 2018 09:36
 Operator : JC/MD
 Sample : J3128-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 00:54:40 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	1423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1638	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	549	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	43079	1693.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3387.22%	
35) Dibromofluoromethane	5.51	113	31781	1940.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3880.46%	
50) Toluene-d8	8.72	98	112704	1900.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3801.06%	
62) 4-Bromofluorobenzene	11.14	95	39033	1682.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3364.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	513	23.43	ug/l #	85
4) Vinyl Chloride	1.42	62	76	3.60	ug/l #	1
5) Bromomethane	1.62	94	117	11.28	ug/l	96
6) Chloroethane	1.73	64	109	8.75	ug/l #	43
7) Trichlorofluoromethane	1.93	101	19	0.60	ug/l #	1
8) Diethyl Ether	2.02	74	37	3.21	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.37	101	22	1.24	ug/l #	1
10) Methyl Iodide	2.52	142	302	12.60	ug/l #	45
11) Tert butyl alcohol	3.07	59	1482	296.82	ug/l #	85
12) 1,1-Dichloroethene	2.38	96	93	5.61	ug/l #	1
13) Acrolein	2.31	56	410	189.92	ug/l	96
14) Allyl chloride	2.71	41	262	7.53	ug/l #	44
15) Acrylonitrile	3.14	53	278	27.08	ug/l #	17
16) Acetone	2.45	43	13635	1388.97	ug/l	95
17) Carbon Disulfide	2.57	76	559	11.71	ug/l	99
18) Methyl Acetate	2.78	43	29325	1267.75	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	139	2.23	ug/l #	54
20) Methylene Chloride	2.86	84	31195	1896.92	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	74	3.10	ug/l #	53
22) Diisopropyl ether	3.87	45	72	1.02	ug/l #	35
23) Vinyl Acetate	3.81	43	114	1.94	ug/l #	74
24) 1,1-Dichloroethane	3.73	63	22	0.65	ug/l #	83
25) 2-Butanone	4.71	43	4879	271.18	ug/l #	90
26) 2,2-Dichloropropane	4.73	77	218	6.40	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	64	2.96	ug/l #	1
28) Bromochloromethane	4.89	49	23	Below	Cal #	14
29) Tetrahydrofuran	5.18	42	354	30.24	ug/l #	1
30) Chloroform	5.22	83	5330	140.63	ug/l	99
31) Cyclohexane	5.59	56	262	7.48	ug/l #	72
32) 1,1,1-Trichloroethane	5.51	97	19	0.54	ug/l #	23
36) 1,1-Dichloropropene	5.79	75	69	3.03	ug/l #	1
37) Ethyl Acetate	4.87	43	207	6.97	ug/l #	10
38) Carbon Tetrachloride	5.69	117	20	0.75	ug/l #	11
39) Methylcyclohexane	7.49	83	243	8.68	ug/l #	55

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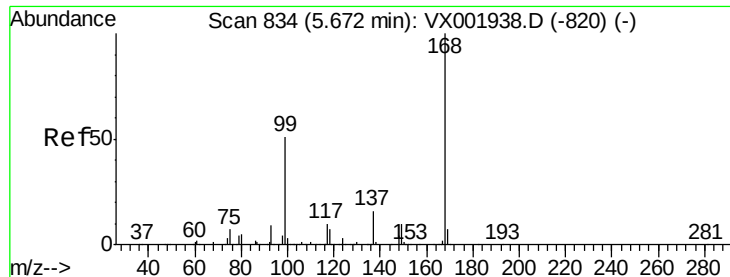
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 00:54:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.13	78	150	2.25	ug/l #	69
41) Methacrylonitrile	5.06	41	160	9.09	ug/l #	37
42) 1,2-Dichloroethane	6.20	62	25	0.94	ug/l #	1
43) Isopropyl Acetate	6.48	43	125	2.53	ug/l #	63
44) Trichloroethene	7.23	130	123	6.32	ug/l	2
45) 1,2-Dichloropropane	7.52	63	25	1.38	ug/l #	45
47) Bromodichloromethane	7.90	83	1383	54.04	ug/l	88
48) Methyl methacrylate	7.75	41	105	4.17	ug/l #	33
51) 4-Methyl-2-Pentanone	8.88	43	200	6.70	ug/l	92
52) Toluene	8.79	92	461	10.85	ug/l	91
53) t-1,3-Dichloropropene	8.35	75	21	0.71	ug/l #	1
55) 1,1,2-Trichloroethane	9.23	97	22	1.24	ug/l #	15
56) Ethyl methacrylate	9.18	69	124	4.06	ug/l #	72
58) 2-Chloroethyl Vinyl ether	8.15	63	19	1.40	ug/l #	48
59) 2-Hexanone	9.50	43	1580	68.68	ug/l	96
60) Dibromochloromethane	9.59	129	248	11.80	ug/l	99
64) Tetrachloroethene	9.34	164	21	2.16	ug/l #	20
65) Chlorobenzene	10.14	112	224	10.43	ug/l #	42
67) Ethyl Benzene	10.25	91	580	15.54	ug/l #	75
68) m/p-Xylenes	10.36	106	765	53.62	ug/l	99
69) o-Xylene	10.70	106	347	24.36	ug/l	68
70) Styrene	10.72	104	149	6.31	ug/l #	34
73) Isopropylbenzene	11.02	105	218	4.69	ug/l #	48
74) N-amyl acetate	6.48	43	125	2.17	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	11.27	83	21	0.40	ug/l #	25
76) 1,2,3-Trichloropropane	11.14	75	20055	1520.85	ug/l #	34
78) n-propylbenzene	11.37	91	442	8.49	ug/l #	52
79) 2-Chlorotoluene	11.44	91	445	13.92	ug/l #	48
80) 1,3,5-Trimethylbenzene	11.51	105	1028	25.87	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.14	75	20055	3655.25	ug/l #	11
82) 4-Chlorotoluene	11.52	91	383	10.43	ug/l #	44
83) tert-Butylbenzene	11.78	119	55	1.41	ug/l #	29
84) 1,2,4-Trimethylbenzene	11.81	105	3155	76.84	ug/l	95
85) sec-Butylbenzene	11.95	105	178	3.80	ug/l #	55
86) p-Isopropyltoluene	12.07	119	270	6.44	ug/l #	21
87) 1,3-Dichlorobenzene	12.03	146	26	1.18	ug/l #	63
88) 1,4-Dichlorobenzene	12.10	146	94	4.26	ug/l #	48
89) n-Butylbenzene	12.39	91	404	11.37	ug/l #	37
90) Hexachloroethane	12.59	117	92	11.12	ug/l #	2
91) 1,2-Dichlorobenzene	12.40	146	88	3.91	ug/l #	25
92) 1,2-Dibromo-3-Chloropropan	13.18	75	26	6.29	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	96	5.97	ug/l #	42
95) Naphthalene	13.84	128	145769	2939.86	ug/l	99

(#) = 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# 833

Delta R.T. -0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

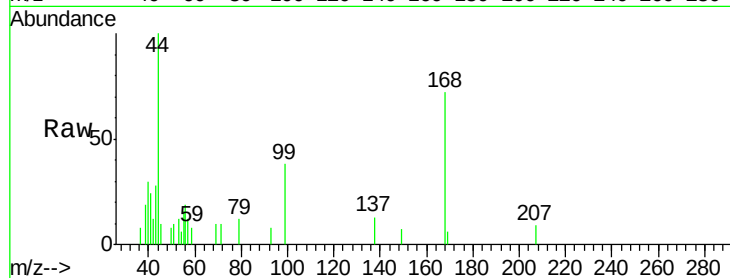
ClientSampled :

Tot Ion:168 Resp: 1423

Ion Ratio Lower Upper

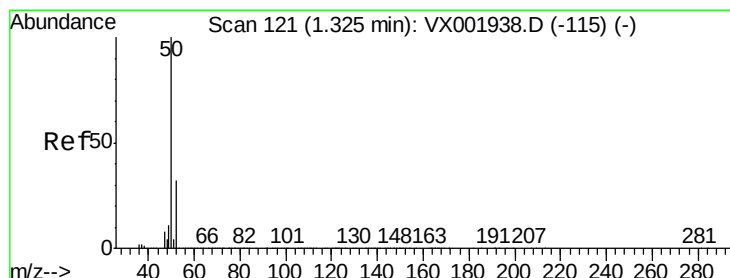
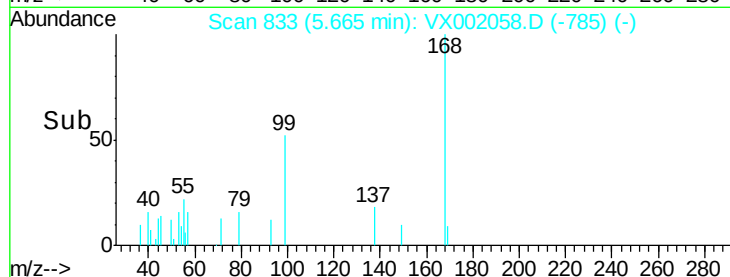
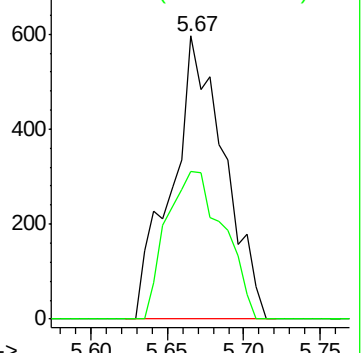
168 100

99 52.2 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 23.43 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002058.D

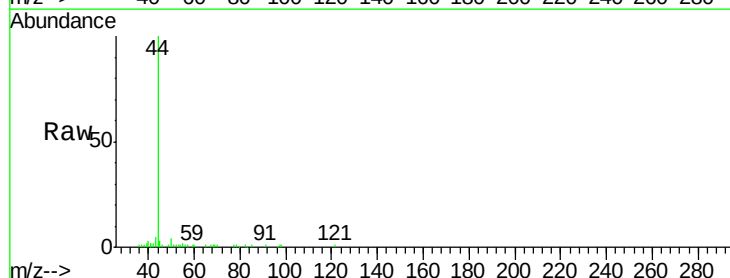
Acq: 27 May 2018 09:36

Tgt Ion: 50 Resp: 513

Ion Ratio Lower Upper

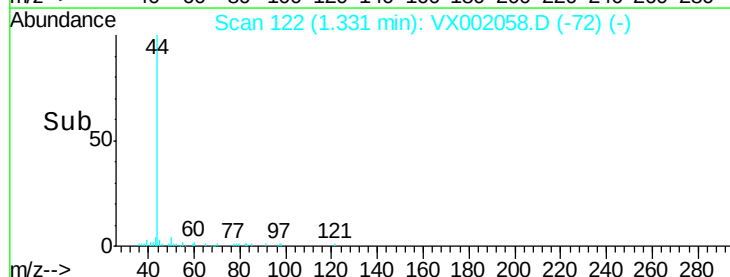
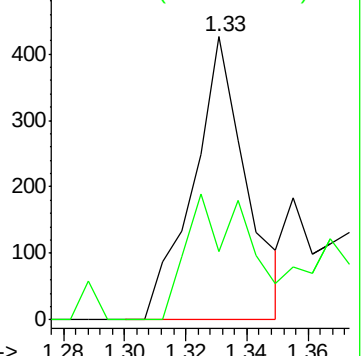
50 100

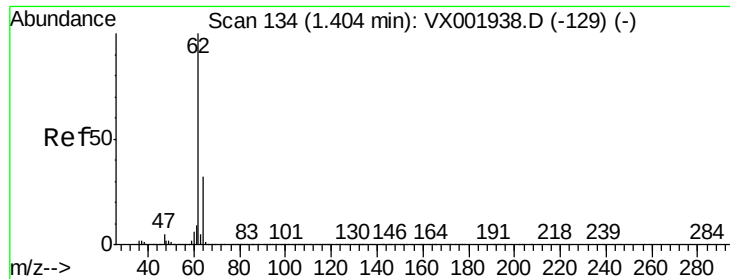
52 24.2 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 3.60 ug/l

RT: 1.42 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

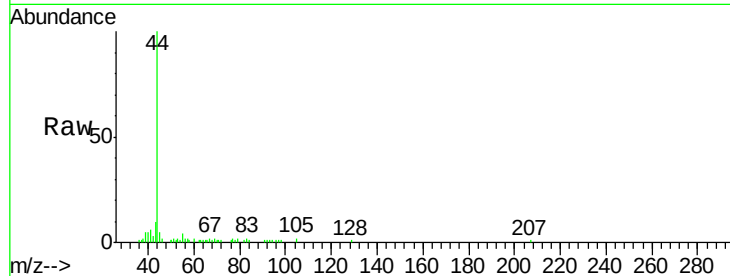
ClientSampleId :

Tot Ion: 62 Resp: 76

Ion Ratio Lower Upper

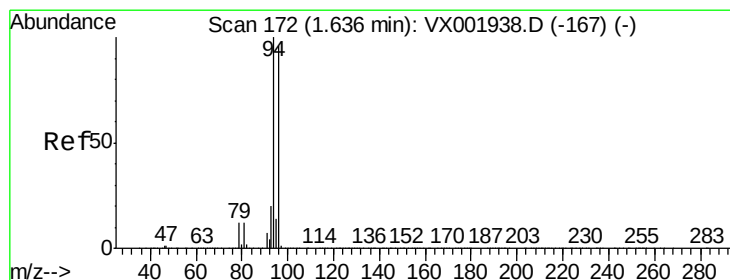
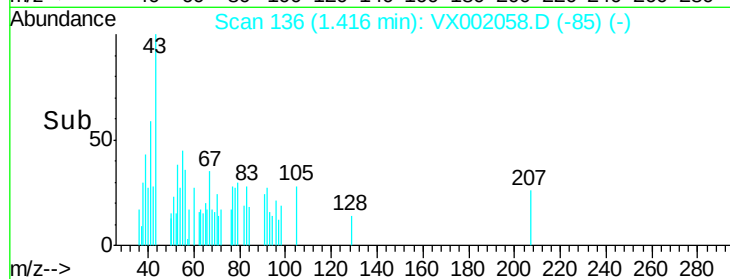
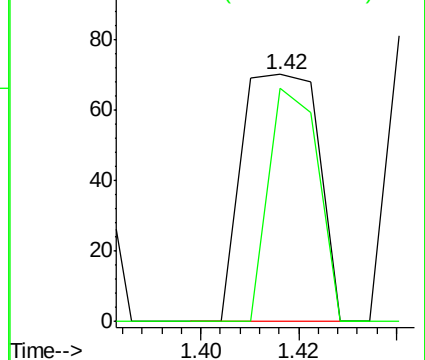
62 100

64 94.3 25.4 38.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 11.28 ug/l

RT: 1.62 min Scan# 170

Delta R.T. -0.01 min

Lab File: VX002058.D

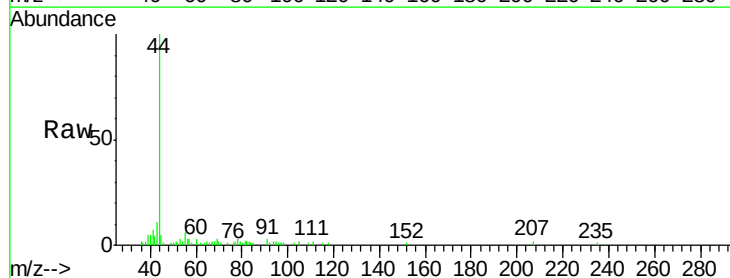
Acq: 27 May 2018 09:36

Tgt Ion: 94 Resp: 117

Ion Ratio Lower Upper

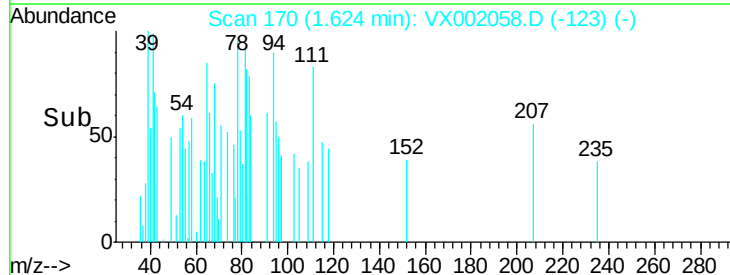
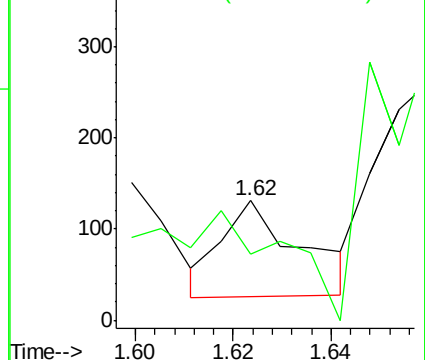
94 100

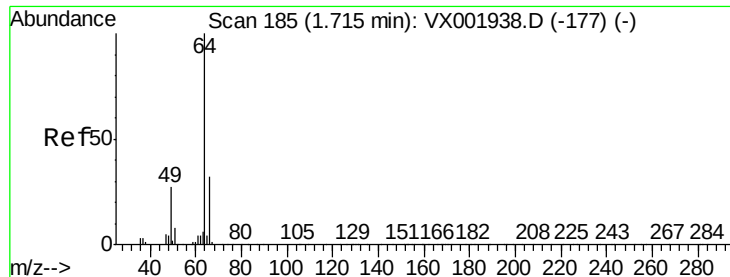
96 98.6 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 8.75 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

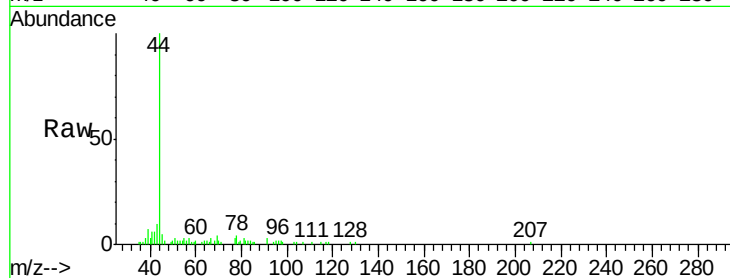
ClientSampleId :

Tot Ion: 64 Resp: 109

Ion Ratio Lower Upper

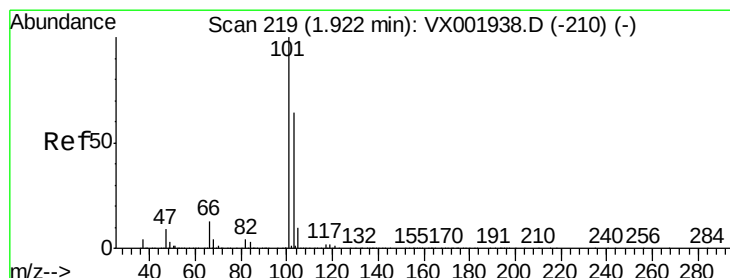
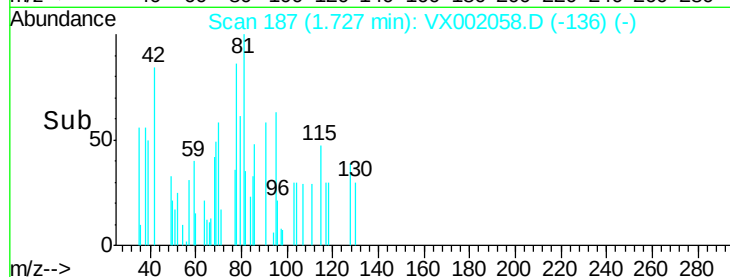
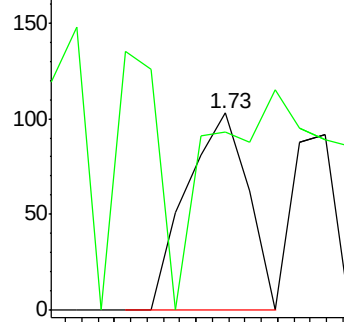
64 100

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



#7

Trichlorofluoromethane

Concen: 0.60 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.01 min

Lab File: VX002058.D

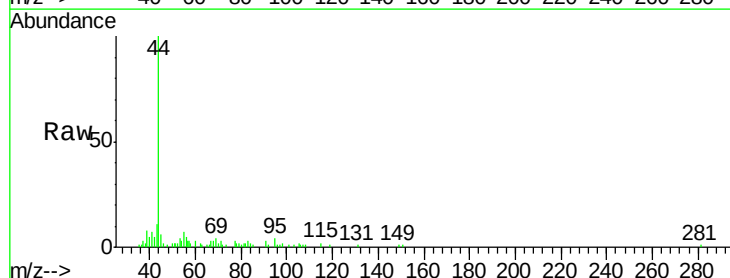
Acq: 27 May 2018 09:36

Tgt Ion: 101 Resp: 19

Ion Ratio Lower Upper

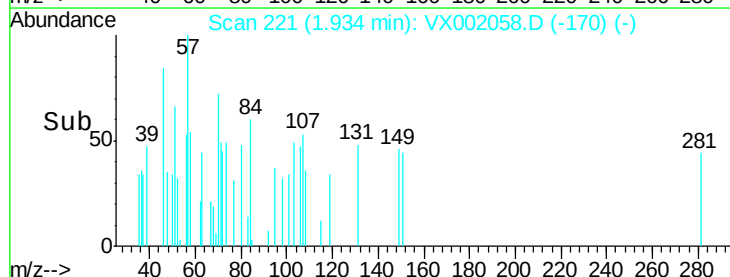
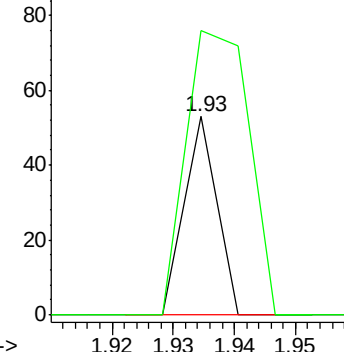
101 100

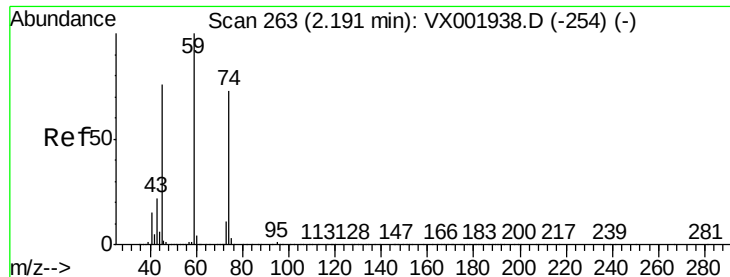
103 143.4 51.4 77.0#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#8

Diethyl Ether

Concen: 3.21 ug/l

RT: 2.02 min Scan# 235

Delta R.T. -0.17 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

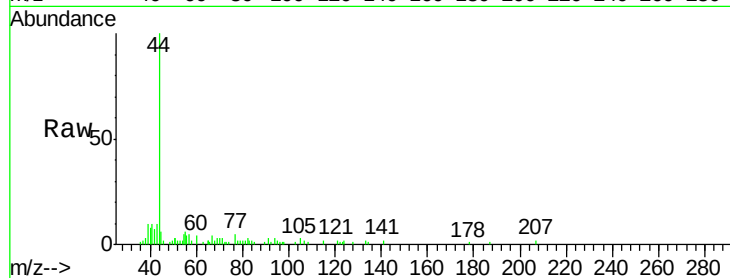
ClientSampled :

Tot Ion: 74 Resp: 37

Ion Ratio Lower Upper

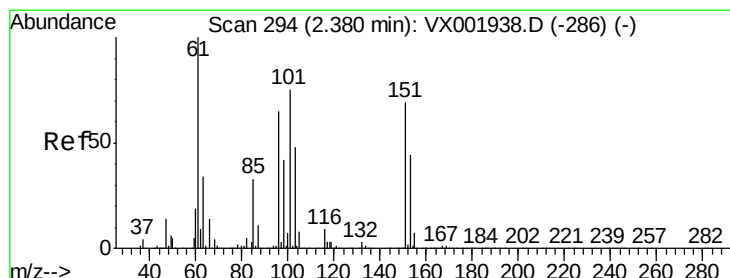
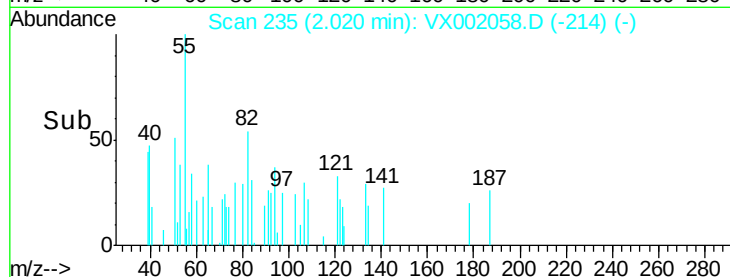
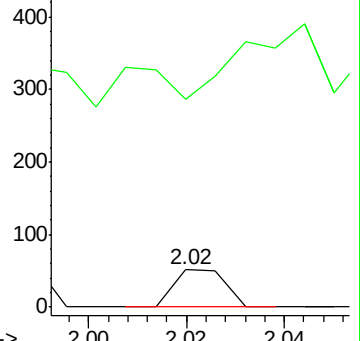
74 100

45 116.2 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: 1.24 ug/l

RT: 2.37 min Scan# 292

Delta R.T. -0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

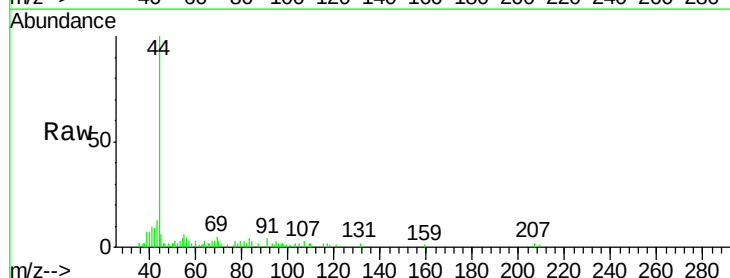
Tgt Ion: 101 Resp: 22

Ion Ratio Lower Upper

101 100

85 154.5 35.6 53.4#

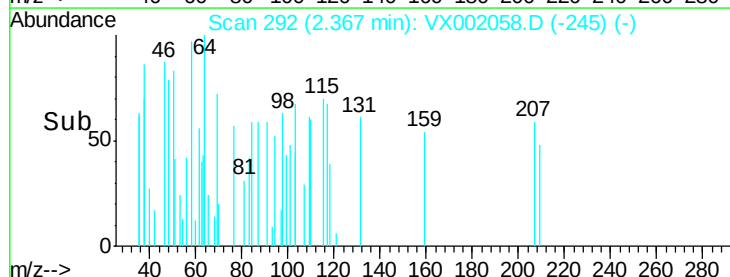
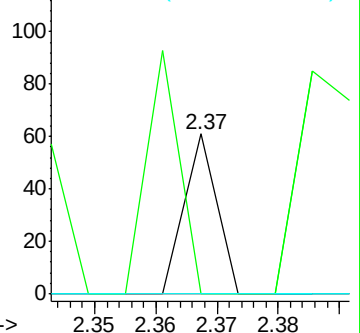
151 0.0 73.2 109.8#

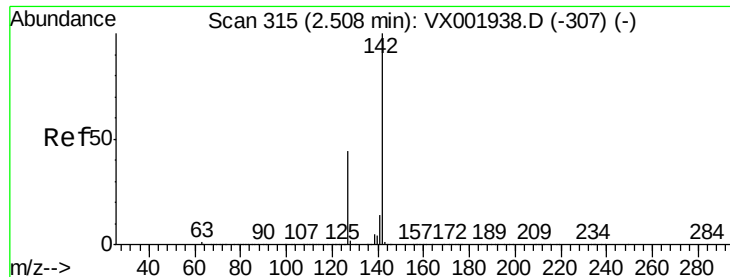


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

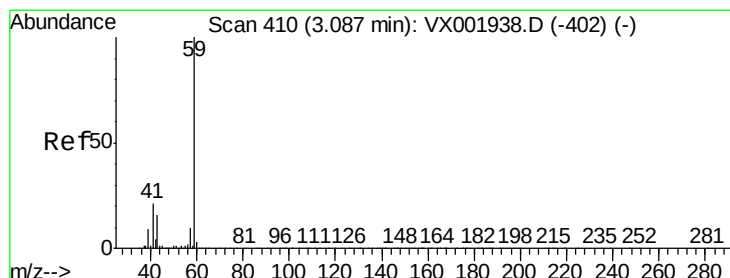
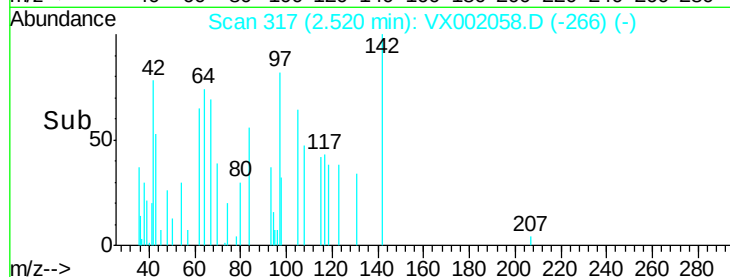
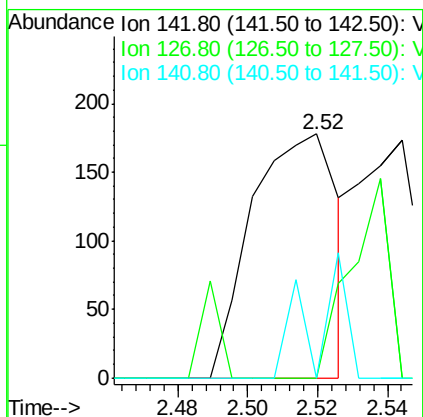
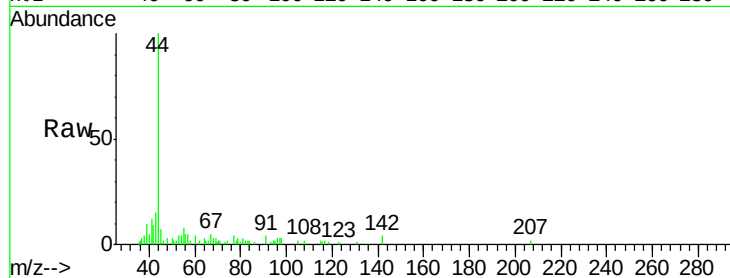




#10
Methvl Iodide
Concen: 12.60 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX002058.D
Acq: 27 May 2018 09:36

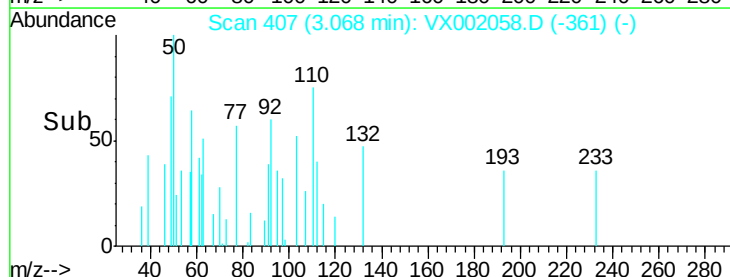
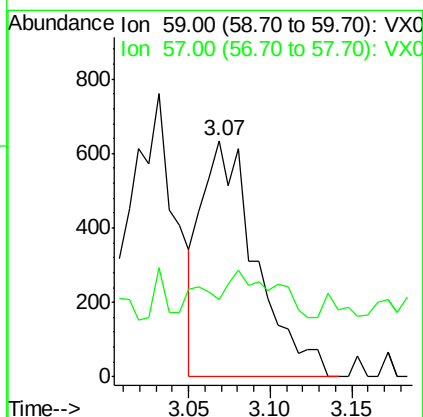
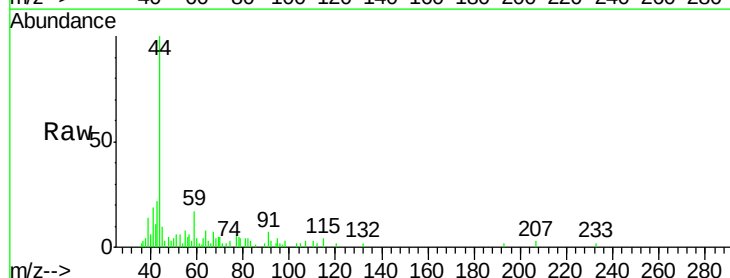
Instrument :
MSVOA_X
ClientSampled :

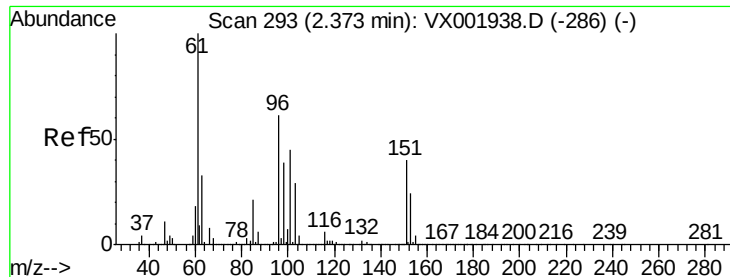
Tot Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.5	53.3#
141	8.6	11.3	16.9#



#11
Tert butyl alcohol
Concen: 296.82 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX002058.D
Acq: 27 May 2018 09:36

Tgt Ion	Ratio	Lower	Upper
59	100		
57	16.8	8.9	13.3#





#12

1,1-Dichloroethene

Concen: 5.61 ug/l

RT: 2.38 min Scan# 294

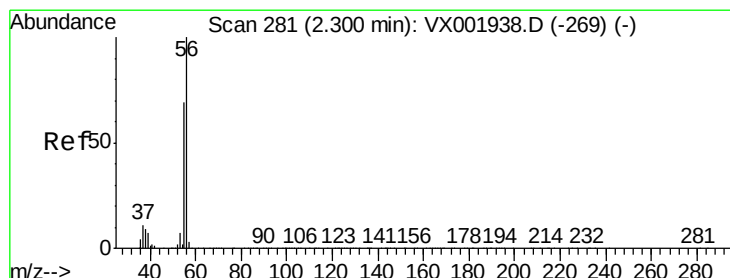
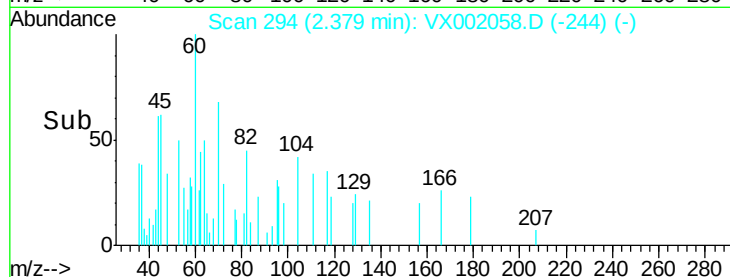
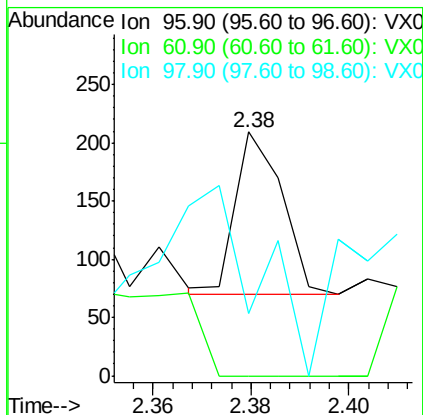
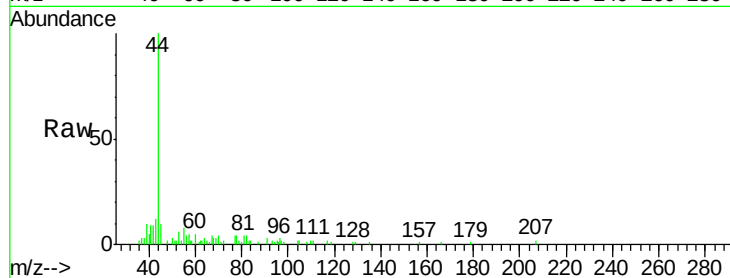
Delta R.T. 0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	96	Resp:	93
Ion	Ratio	Lower	Upper
96	100		
61	0.0	131.7	197.5#
98	0.0	51.6	77.4#



#13

Acrolein

Concen: 189.92 ug/l

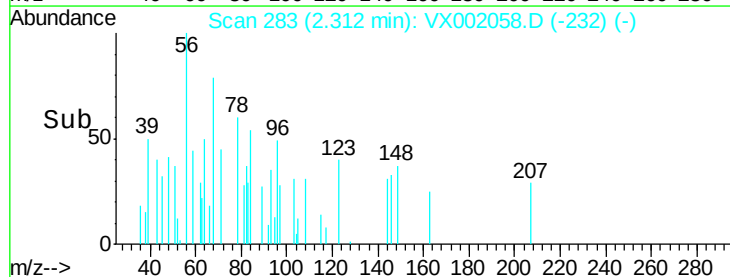
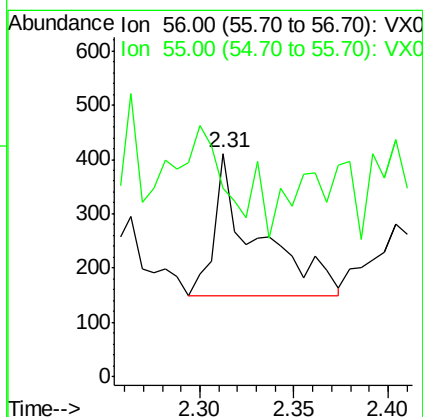
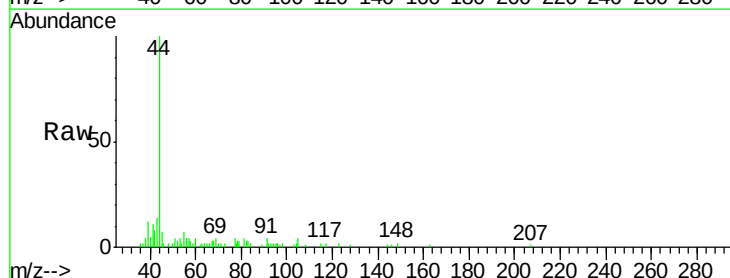
RT: 2.31 min Scan# 283

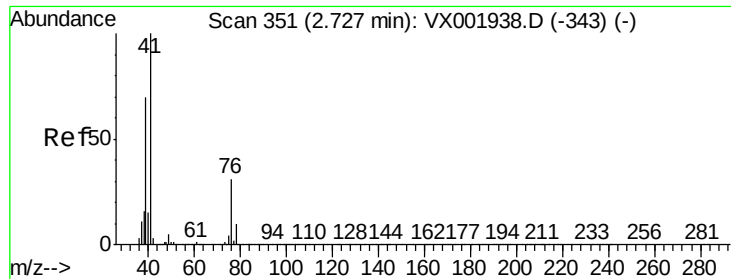
Delta R.T. 0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Tgt Ion:	56	Resp:	410
Ion	Ratio	Lower	Upper
56	100		
55	68.0	56.8	85.2

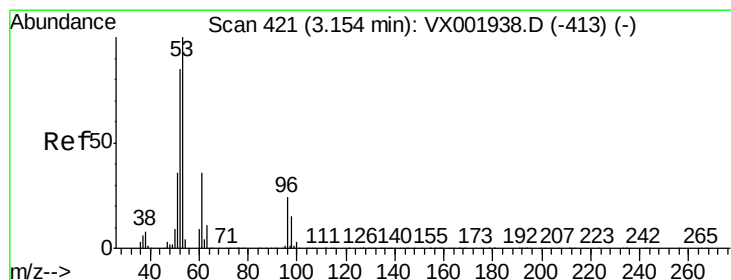
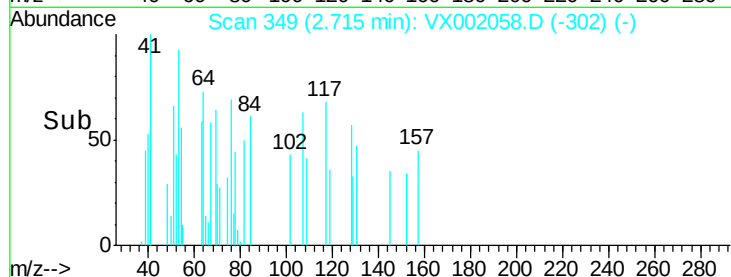
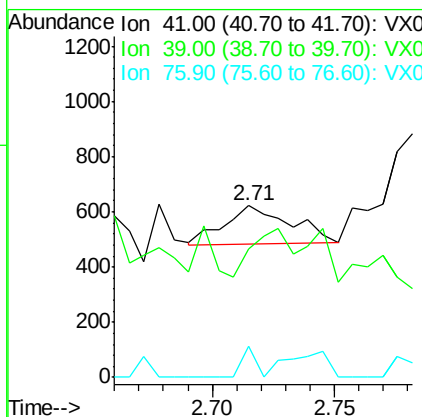
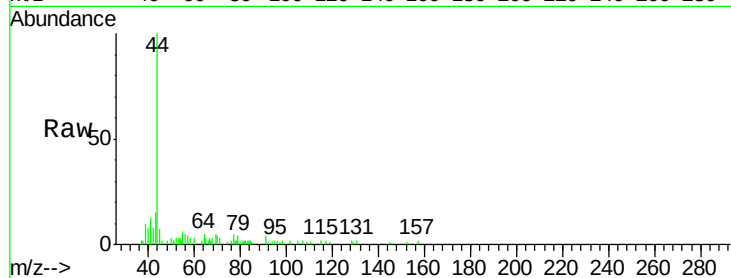




#14
Allvl chloride
Concen: 7.53 ug/l
RT: 2.71 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX002058.D
Acq: 27 May 2018 09:36

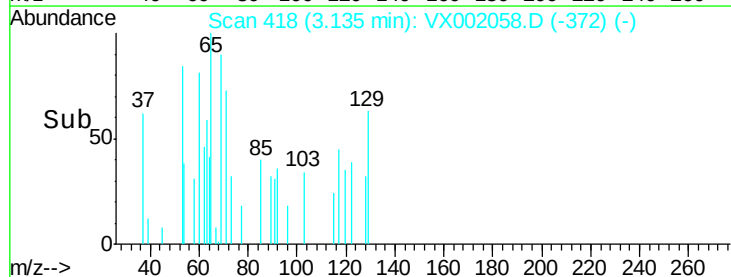
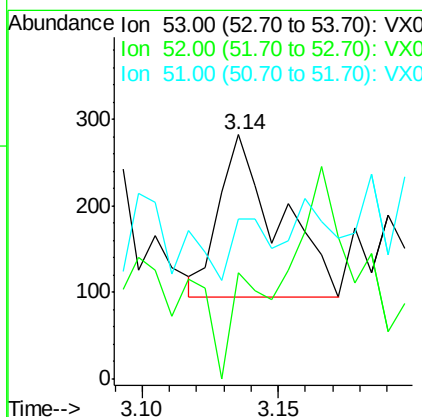
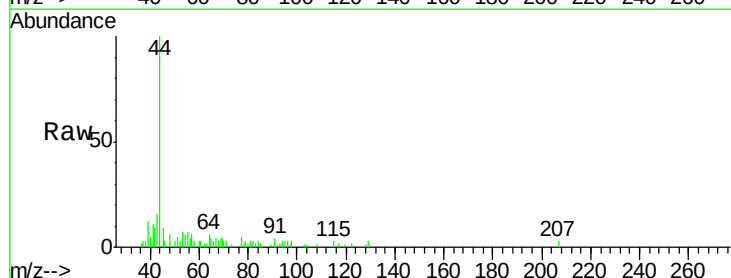
Instrument :
MSVOA_X
ClientSampled :

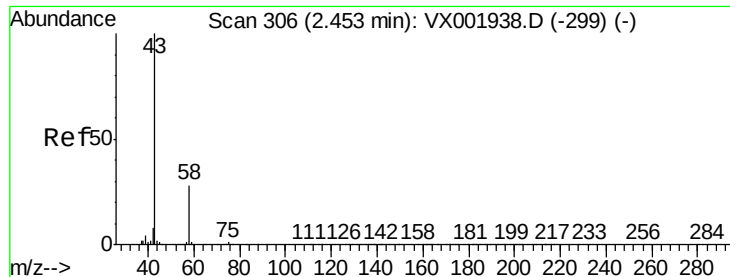
Tot Ion: 41 Resp: 262
Ion Ratio Lower Upper
41 100
39 123.3 54.3 81.5#
76 16.0 24.2 36.4#



#15
Acrylonitrile
Concen: 27.08 ug/l
RT: 3.14 min Scan# 418
Delta R.T. -0.02 min
Lab File: VX002058.D
Acq: 27 May 2018 09:36

Tgt Ion: 53 Resp: 278
Ion Ratio Lower Upper
53 100
52 0.0 66.4 99.6#
51 0.0 29.3 43.9#





#16

Acetone

Concen: 1388.97 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

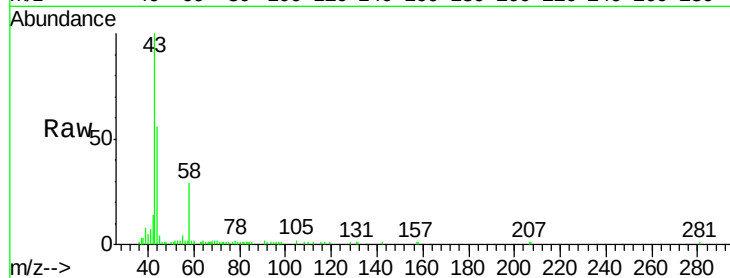
ClientSampleId :

Tot Ion: 43 Resp: 13635

Ion Ratio Lower Upper

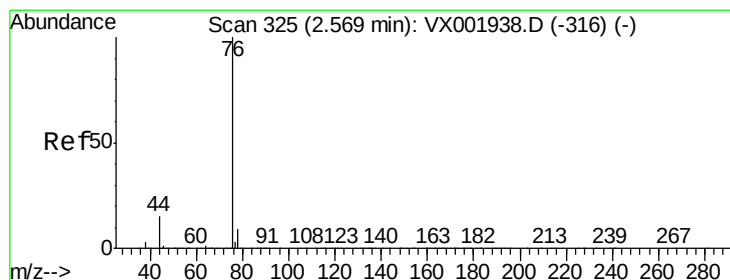
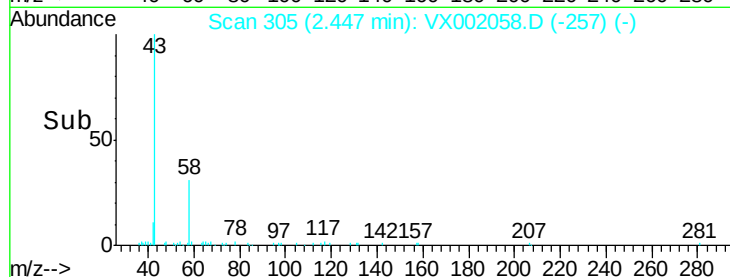
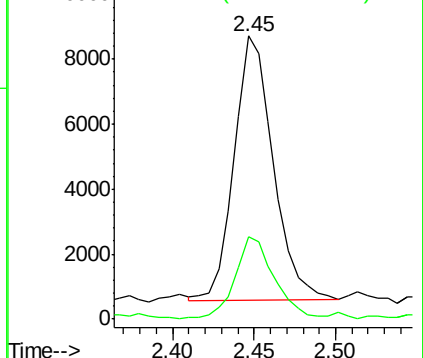
43 100

58 30.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 11.71 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002058.D

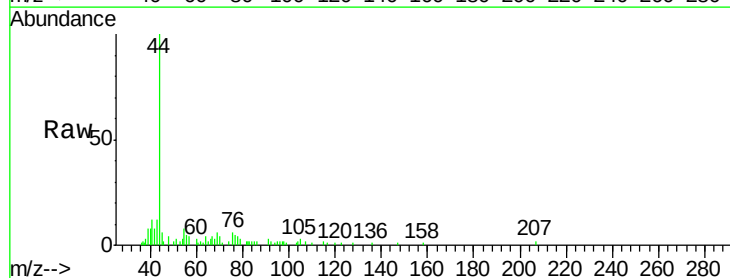
Acq: 27 May 2018 09:36

Tgt Ion: 76 Resp: 559

Ion Ratio Lower Upper

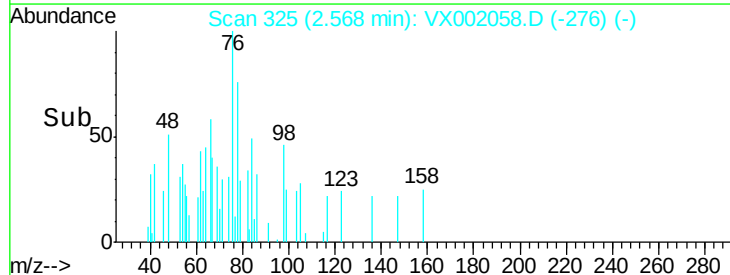
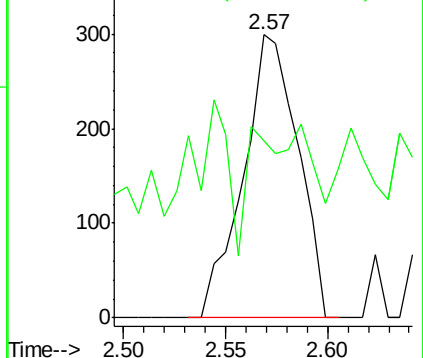
76 100

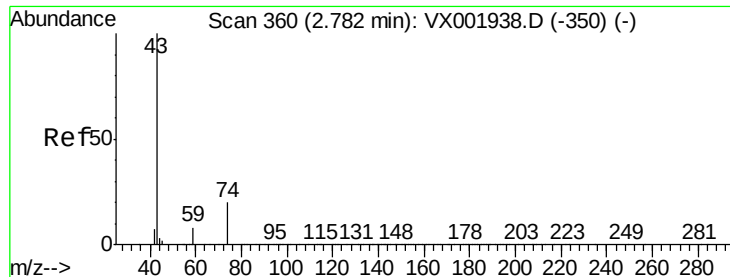
78 9.7 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#18

Methyl Acetate

Concen: 1267.75 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

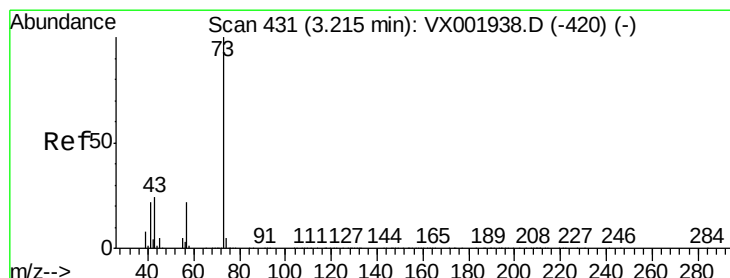
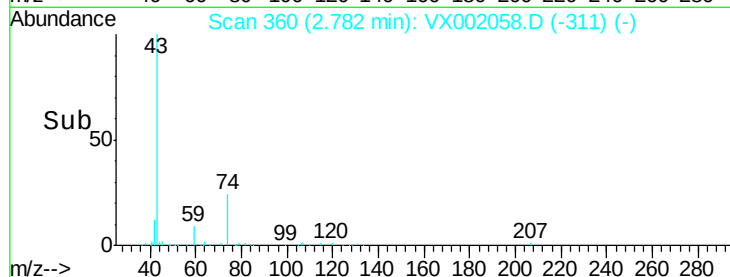
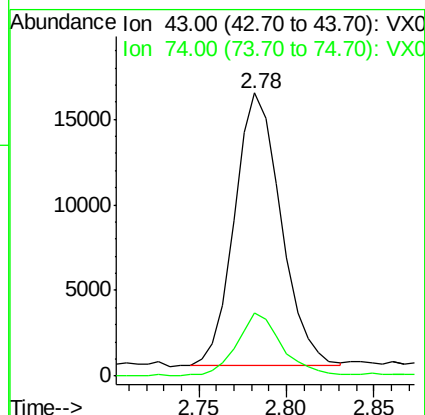
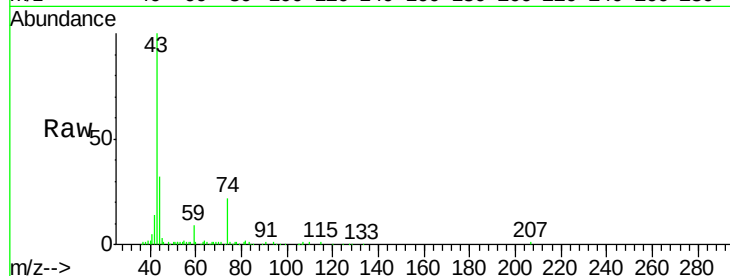
ClientSampled :

Tot Ion: 43 Resp: 29325

Ion Ratio Lower Upper

43 100

74 22.9 16.8 25.2



#19

Methyl tert-butyl Ether

Concen: 2.23 ug/l

RT: 3.19 min Scan# 427

Delta R.T. -0.02 min

Lab File: VX002058.D

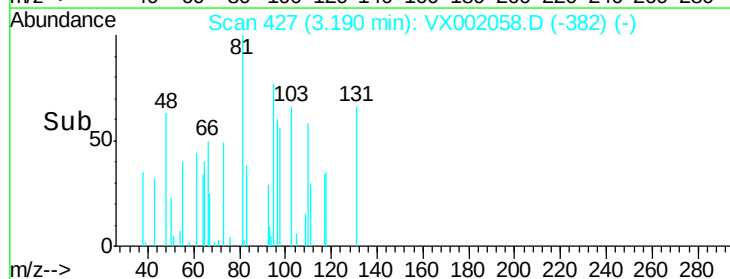
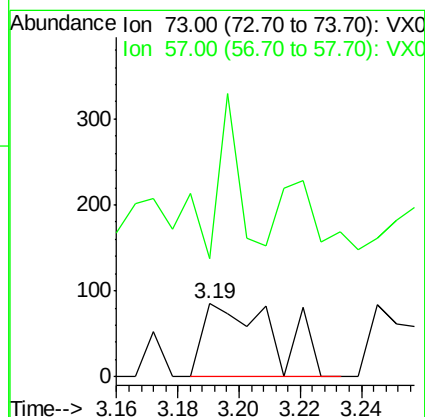
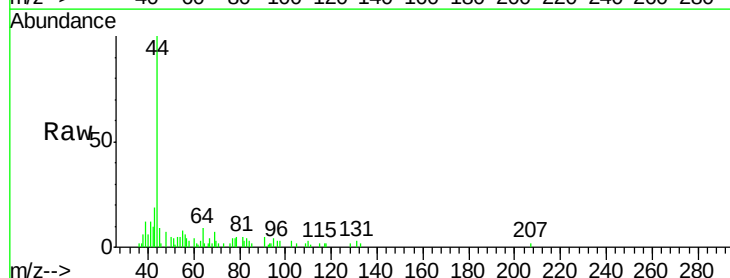
Acq: 27 May 2018 09:36

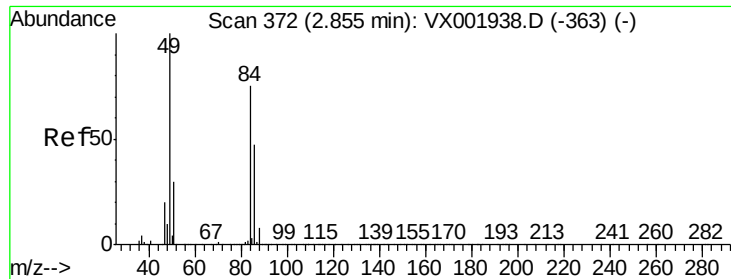
Tgt Ion: 73 Resp: 139

Ion Ratio Lower Upper

73 100

57 0.0 17.4 26.0#

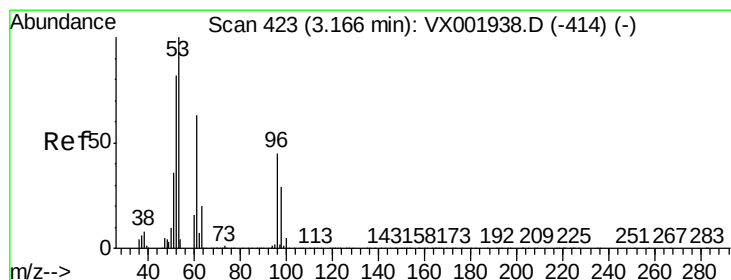
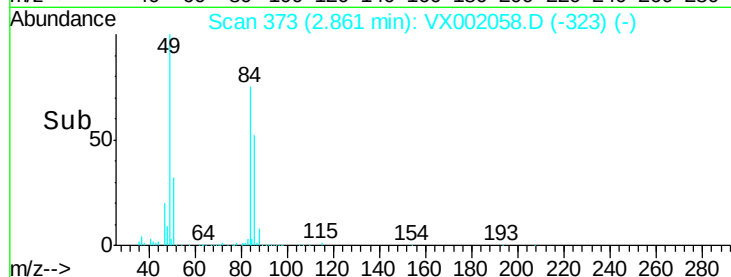
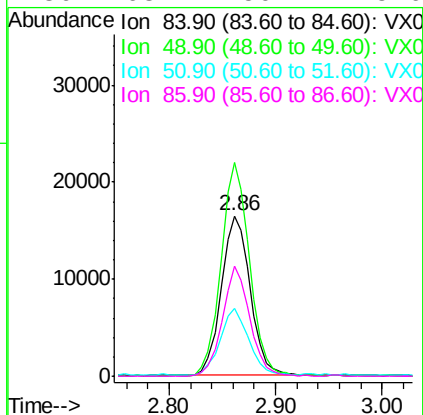
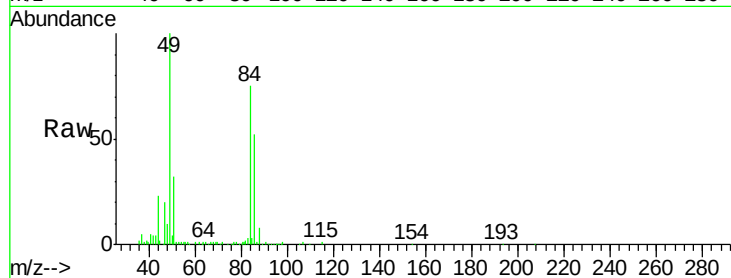




#20
Methylene Chloride
Concen: 1896.92 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002058.D
Acq: 27 May 2018 09:36

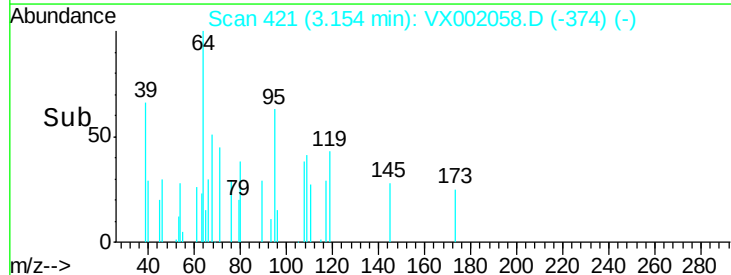
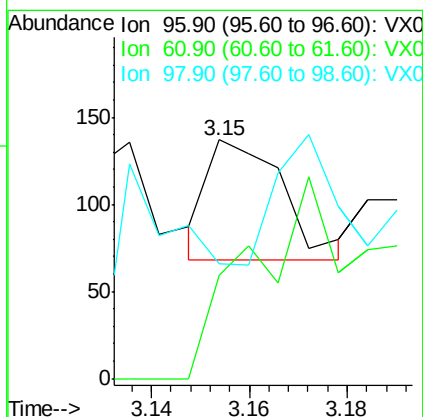
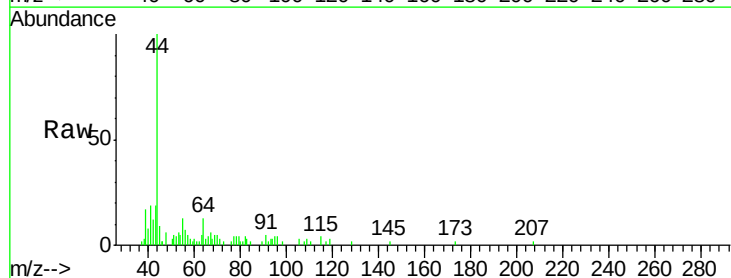
Instrument :
MSVOA_X
ClientSampleId :

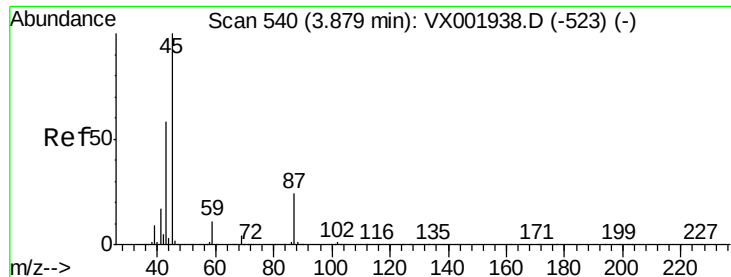
Tot Ion:	84	Resp:	31195
Ion	Ratio	Lower	Upper
84	100		
49	133.2	107.2	160.8
51	41.7	32.4	48.6
86	68.7	50.4	75.6



#21
trans-1,2-Dichloroethene
Concen: 3.10 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.01 min
Lab File: VX002058.D
Acq: 27 May 2018 09:36

Tgt Ion:	96	Resp:	74
Ion	Ratio	Lower	Upper
96	100		
61	103.5	113.3	169.9#
98	0.0	51.7	77.5#

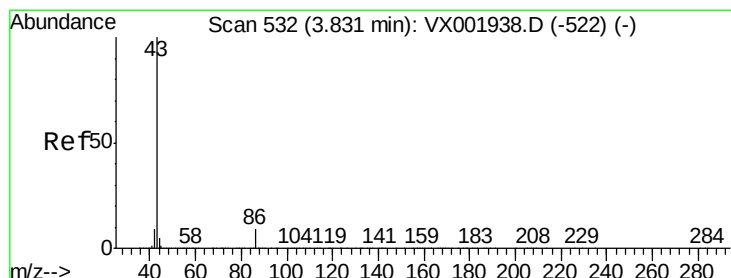
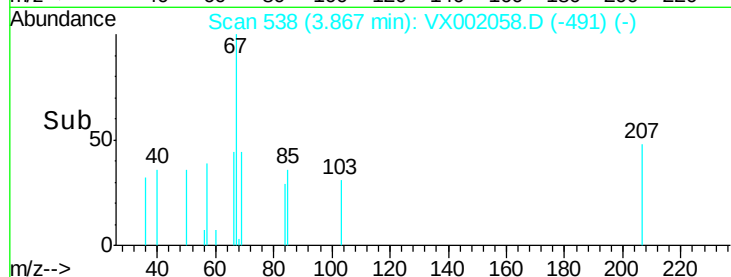
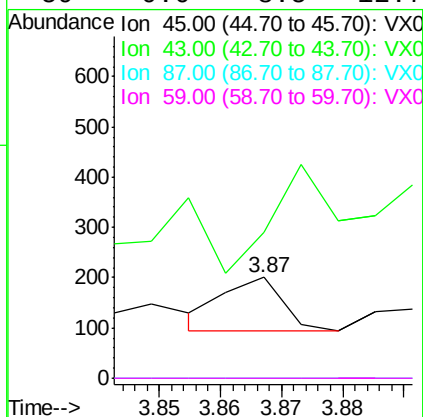
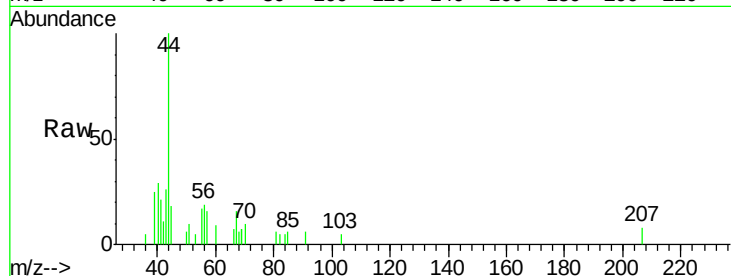




#22
Diisopropyl ether
Concen: 1.02 ug/l
RT: 3.87 min Scan# 538
Delta R.T. -0.01 min
Lab File: VX002058.D
Acq: 27 May 2018 09:36

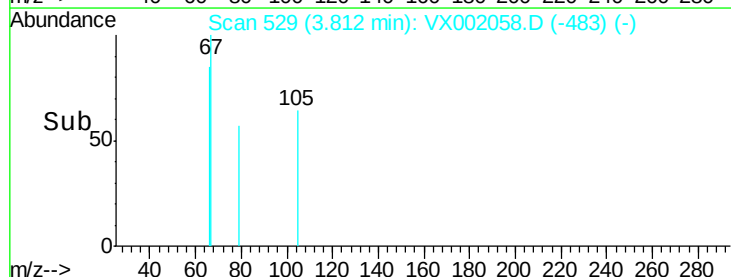
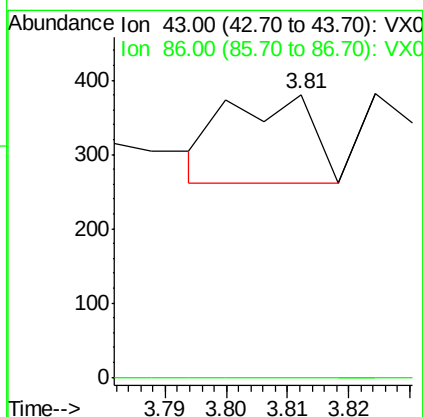
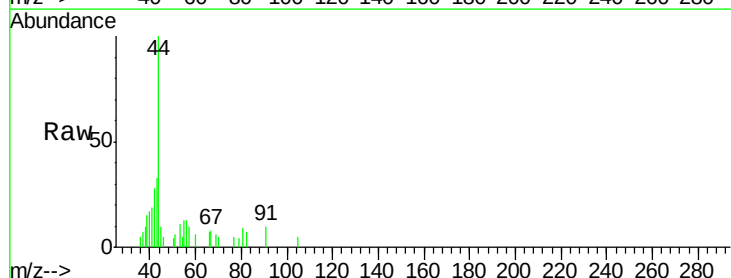
Instrument :
MSVOA_X
ClientSampleId :

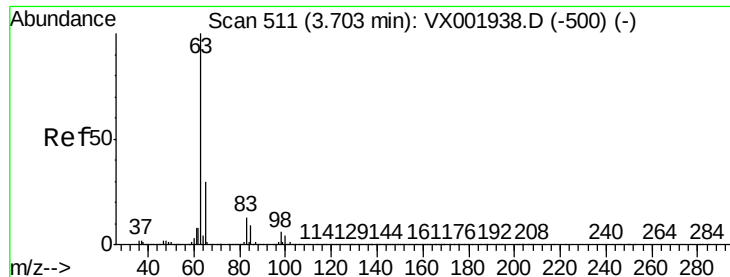
Tot Ion:	45	Resp:	72
Ion	Ratio	Lower	Upper
45	100		
43	0.0	47.0	70.6#
87	0.0	19.4	29.0#
59	0.0	8.5	12.7#



#23
Vinyl Acetate
Concen: 1.94 ug/l
RT: 3.81 min Scan# 529
Delta R.T. -0.02 min
Lab File: VX002058.D
Acq: 27 May 2018 09:36

Tgt Ion:	43	Resp:	114
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.6	11.4#





#24

1,1-Dichloroethane

Concen: 0.65 ug/l

RT: 3.73 min Scan# 516

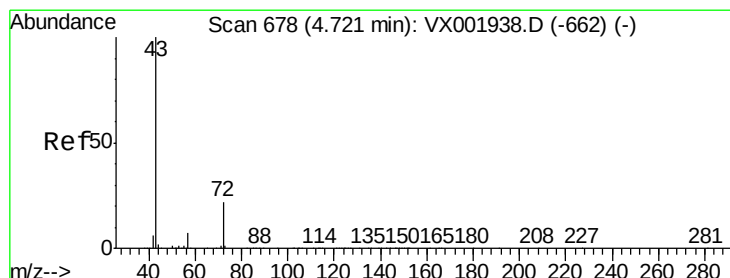
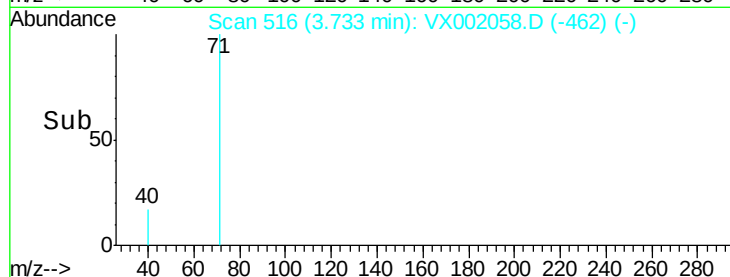
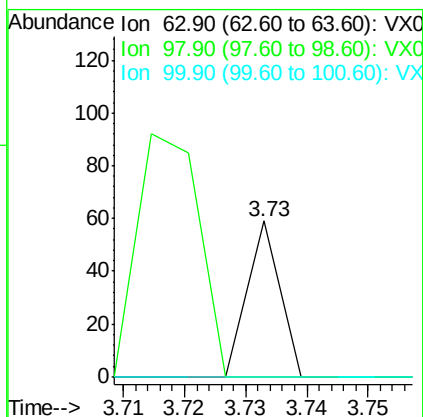
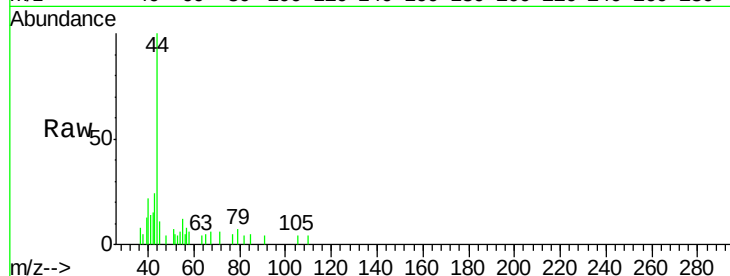
Delta R.T. 0.03 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	63	Resp:	22
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.3	9.8#
100	0.0	2.1	6.5#



#25

2-Butanone

Concen: 271.18 ug/l

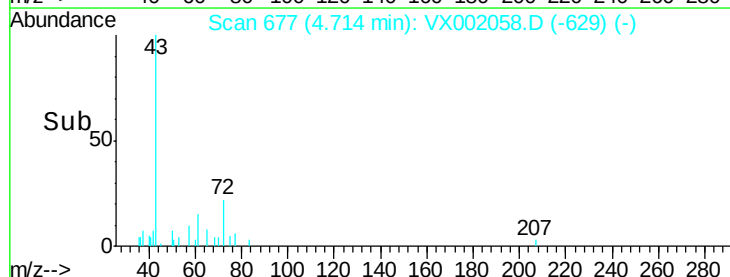
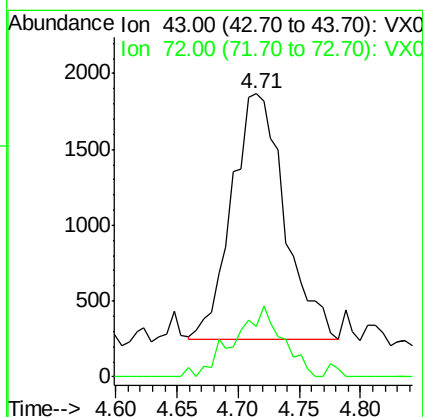
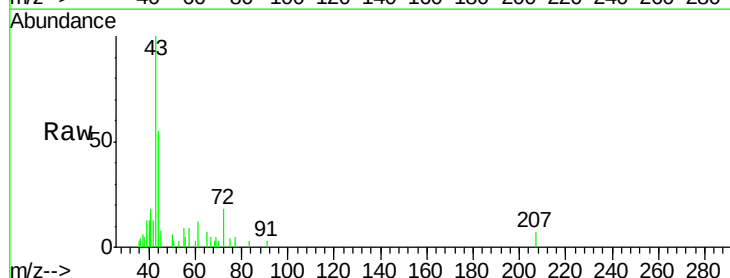
RT: 4.71 min Scan# 677

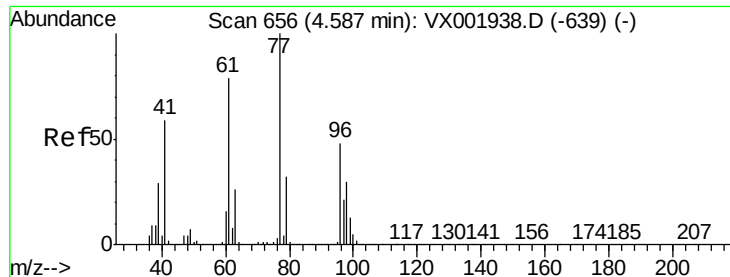
Delta R.T. -0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Tgt Ion:	43	Resp:	4879
Ion	Ratio	Lower	Upper
43	100		
72	17.6	17.9	26.9#

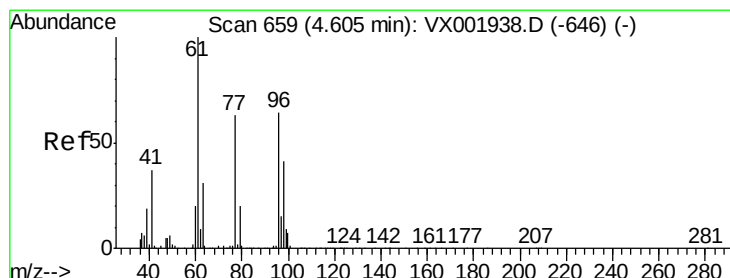
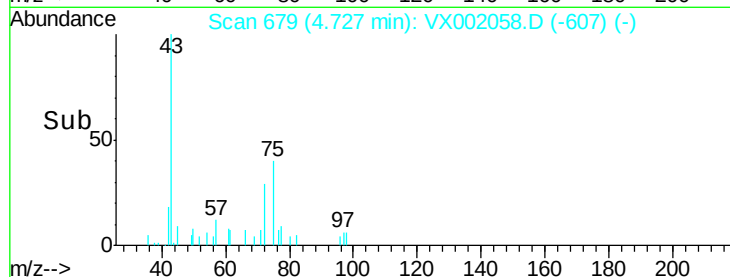
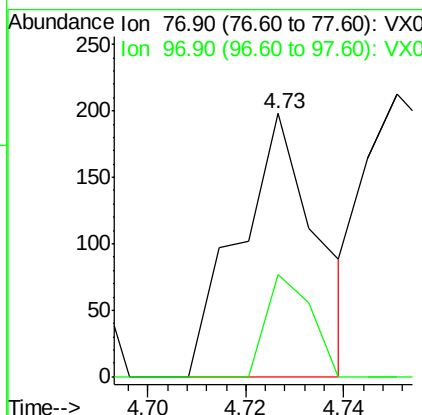
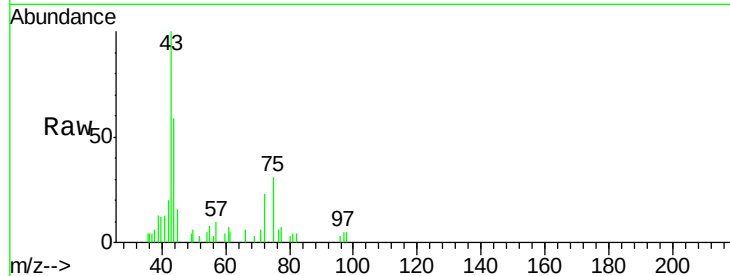




#26
 2,2-Dichloropropane
 Concen: 6.40 ug/l
 RT: 4.73 min Scan# 679
 Delta R.T. 0.14 min
 Lab File: VX002058.D
 Acq: 27 May 2018 09:36

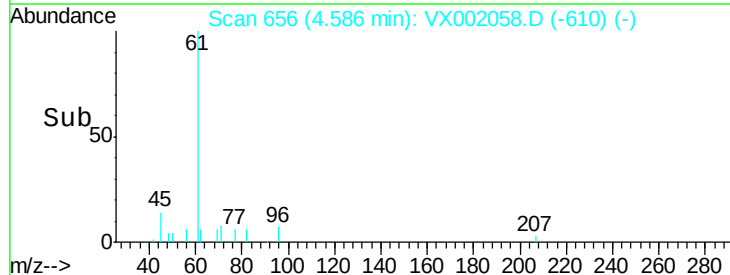
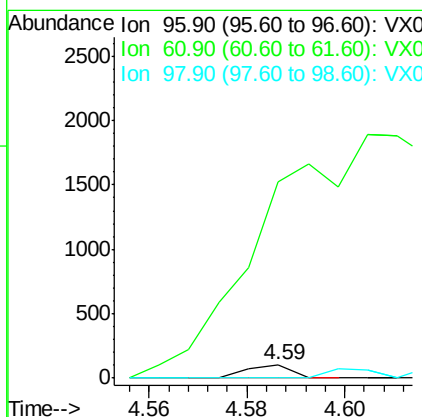
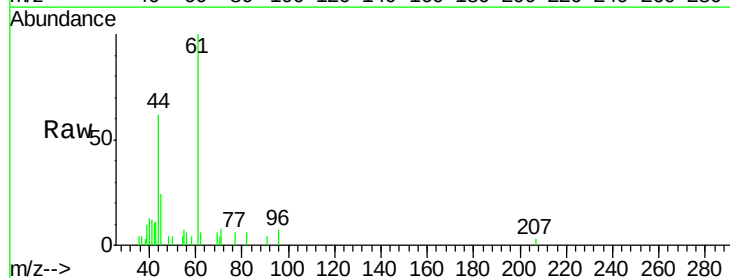
Instrument :
 MSVOA_X
 ClientSampled :

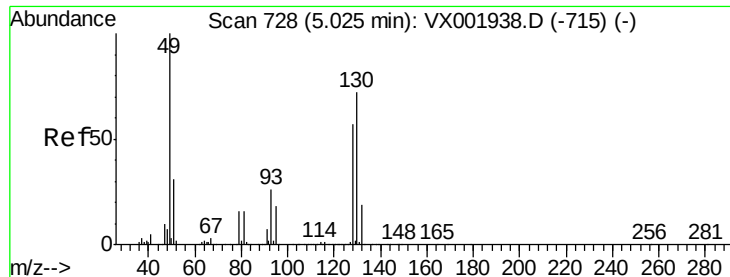
Tot Ion: 77 Resp: 218
 Ion Ratio Lower Upper
 77 100
 97 22.5 11.2 33.5



#27
 cis-1,2-Dichloroethene
 Concen: 2.96 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VX002058.D
 Acq: 27 May 2018 09:36

Tgt Ion: 96 Resp: 64
 Ion Ratio Lower Upper
 96 100
 61 13076.6 0.0 348.4#
 98 79.7 0.0 128.6





#28

Bromochloromethane

Concen: Below Cal

RT: 4.89 min Scan# 706

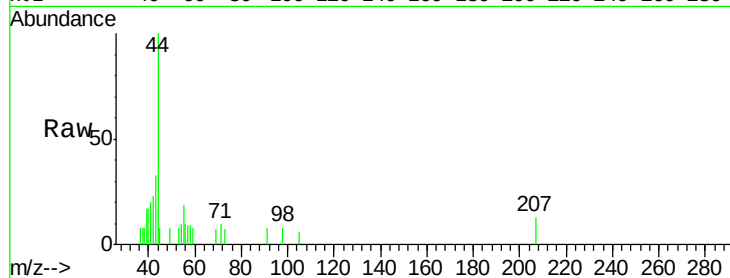
Delta R.T. -0.13 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :

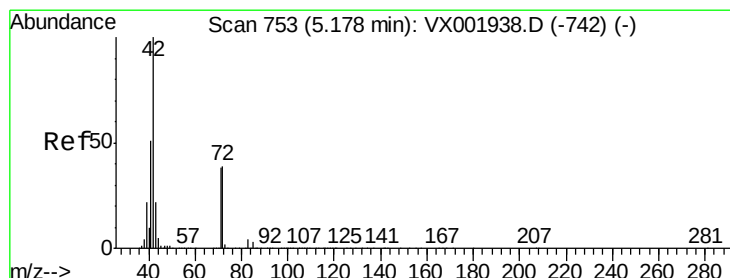
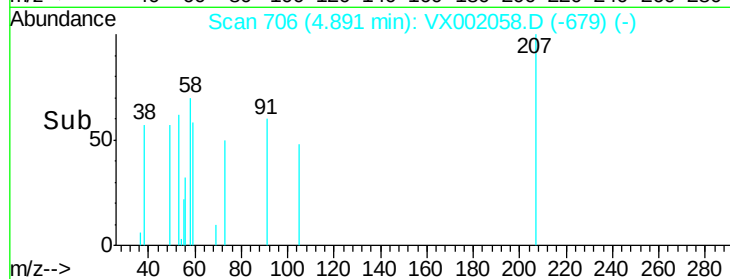
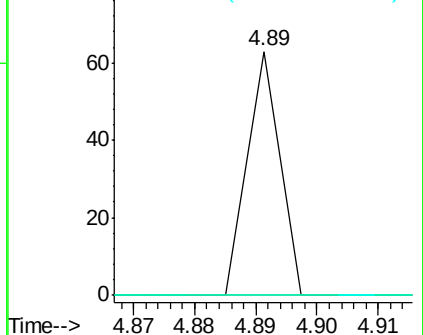
Tot Ion:	49	Resp:	23
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	0.0	59.4	89.2#



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



#29

Tetrahydrofuran

Concen: 30.24 ug/l

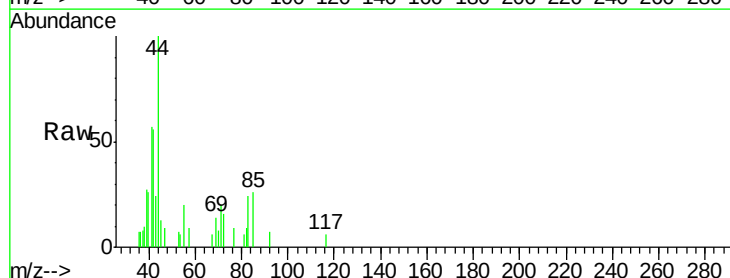
RT: 5.18 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

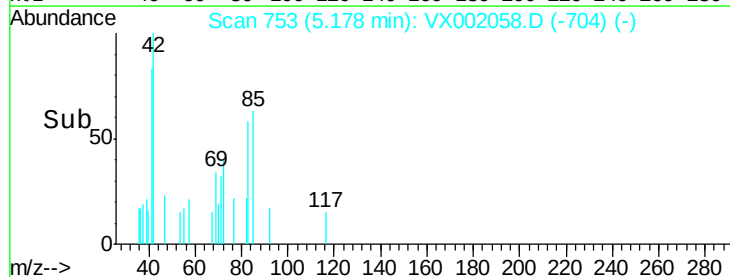
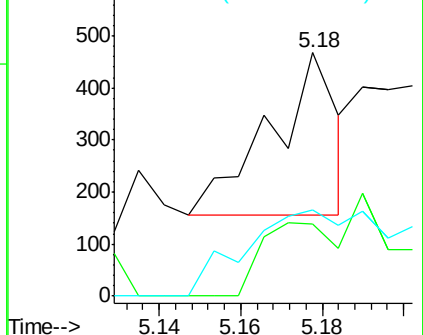
Tgt Ion:	42	Resp:	354
Ion	Ratio	Lower	Upper
42	100		
72	50.3	31.4	47.0#
71	165.0	29.5	44.3#

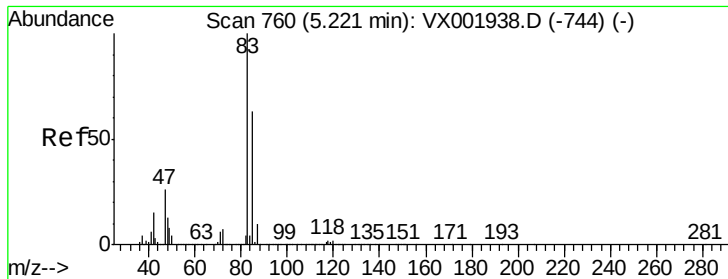


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

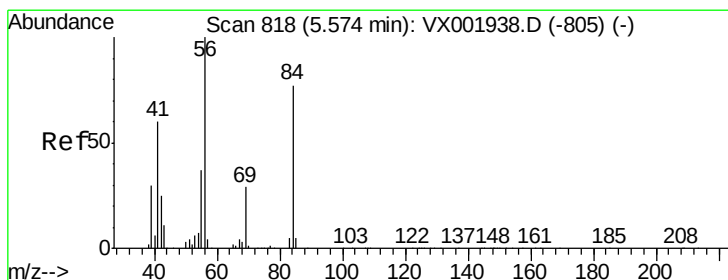
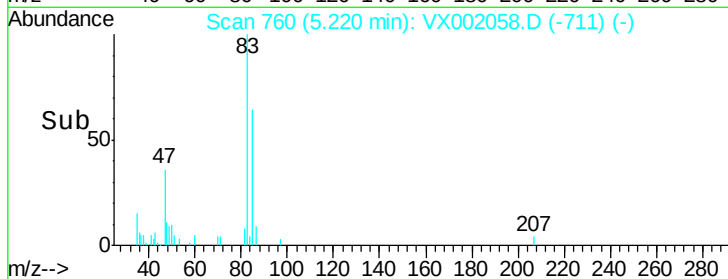
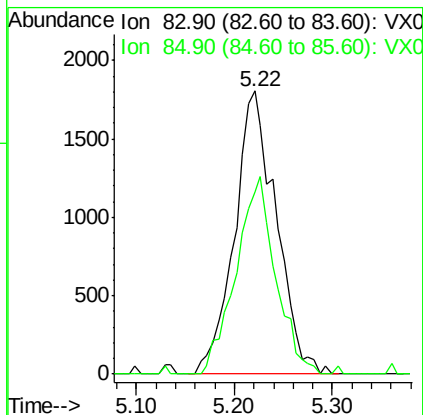
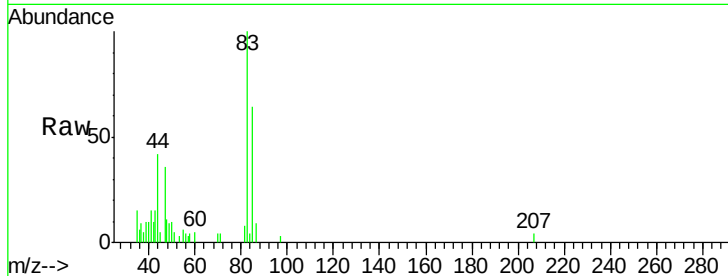




#30
Chloroform
Concen: 140.63 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002058.D
Acq: 27 May 2018 09:36

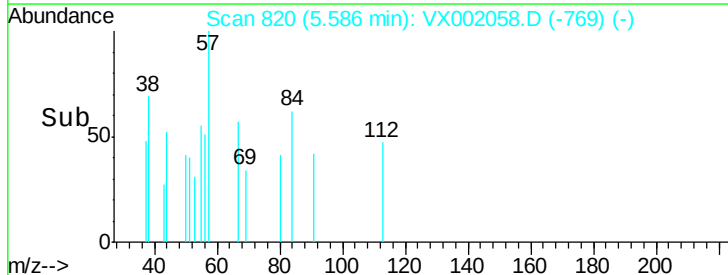
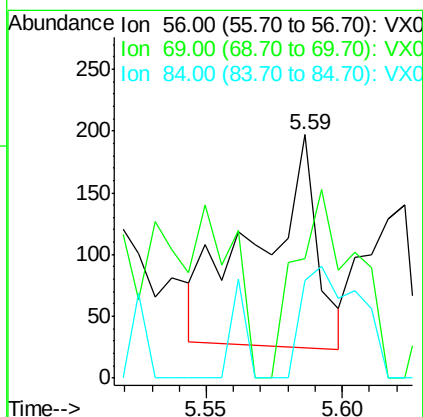
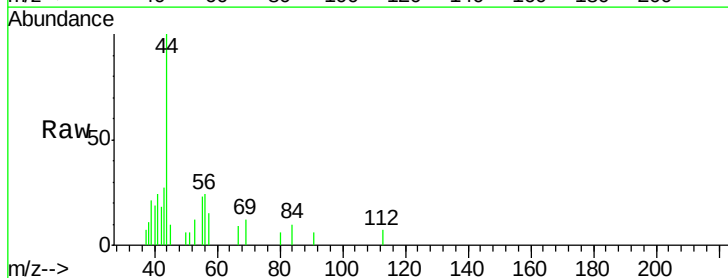
Instrument :
MSVOA_X
ClientSampled :

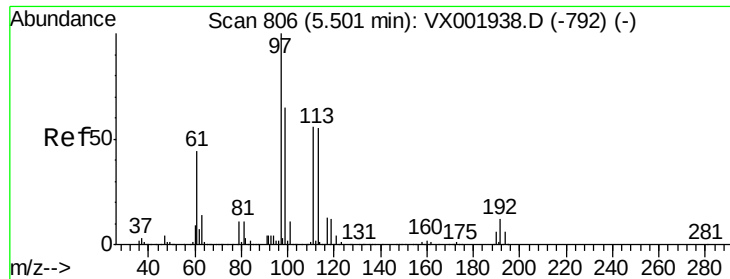
Tot Ion: 83 Resp: 5330
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3



#31
Cyclohexane
Concen: 7.48 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.01 min
Lab File: VX002058.D
Acq: 27 May 2018 09:36

Tgt Ion: 56 Resp: 262
Ion Ratio Lower Upper
56 100
69 8.5 23.1 34.7#
84 56.0 62.0 93.0#





#32

1,1,1-Trichloroethane

Concen: 0.54 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

ClientSampled :

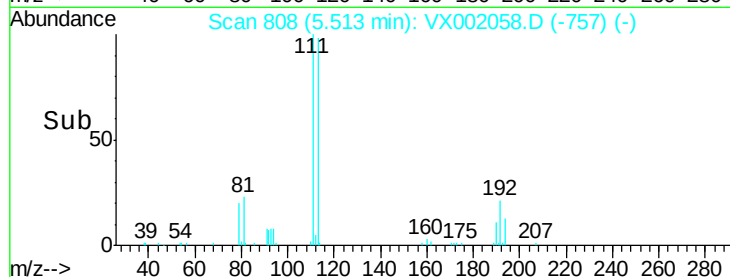
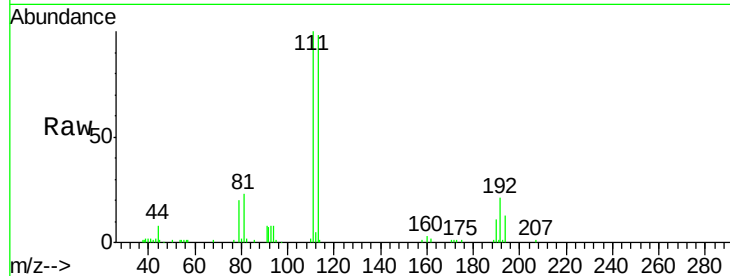
Tot Ion: 97 Resp: 19

Ion Ratio Lower Upper

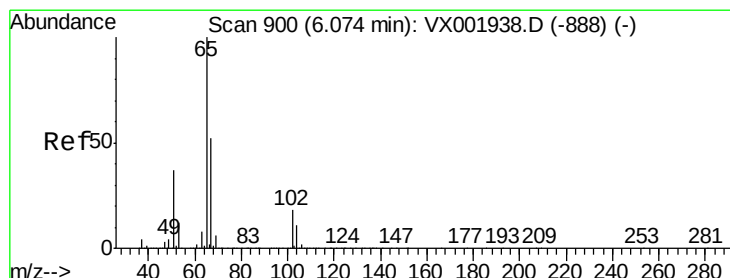
97 100

99 0.0 51.9 77.9#

61 0.0 35.9 53.9#



Time-->



#33

1,2-Dichloroethane-d4

Concen: 1693.61 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002058.D

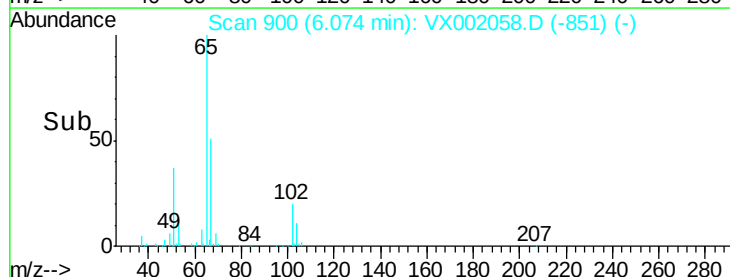
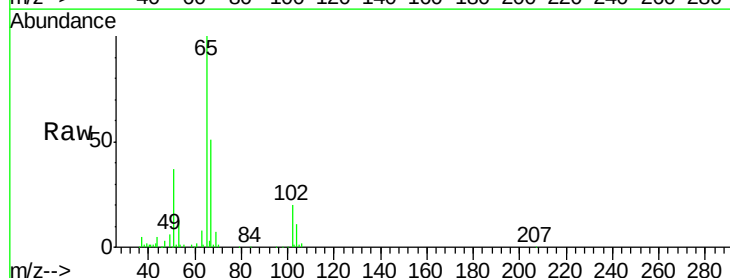
Acq: 27 May 2018 09:36

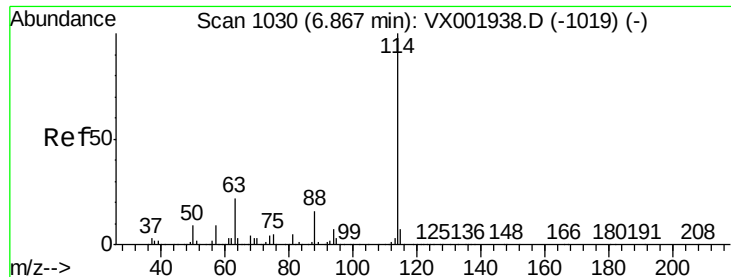
Tgt Ion: 65 Resp: 43079

Ion Ratio Lower Upper

65 100

67 51.5 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: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

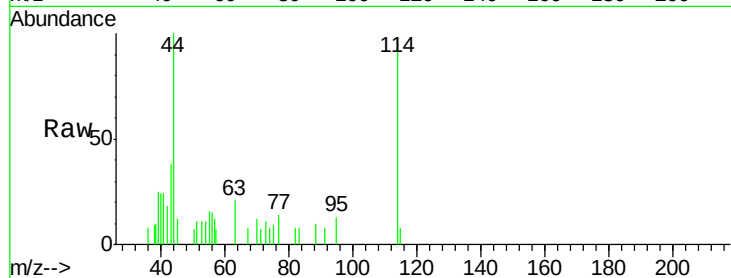
Tot Ion:114 Resp: 1638

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

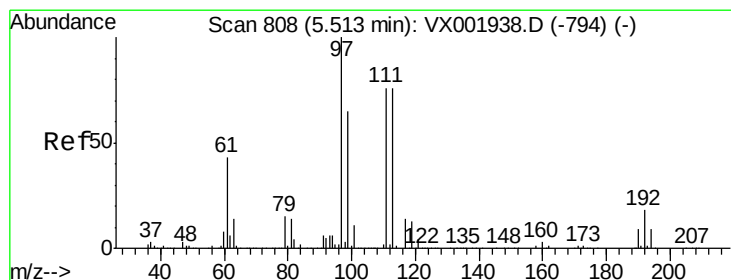
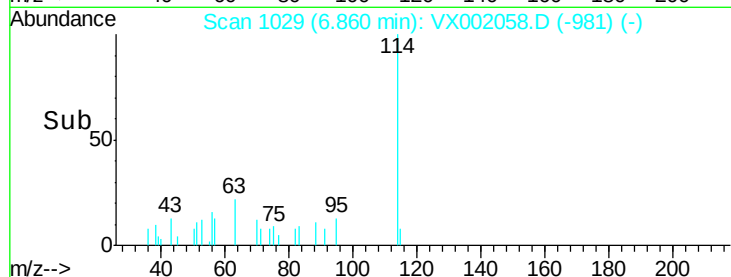
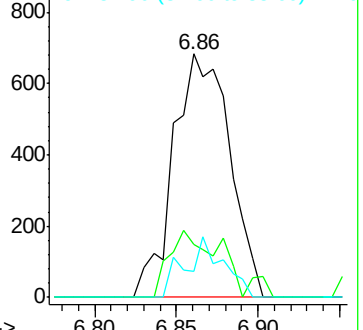
88 10.8 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 1940.23 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

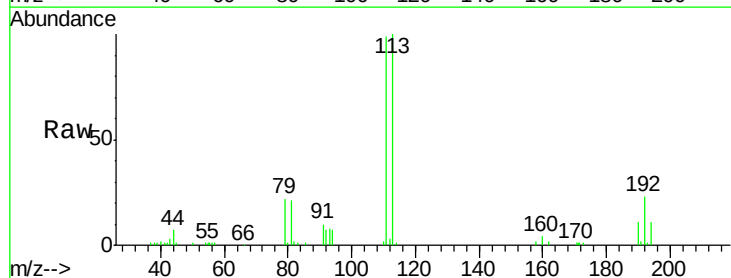
Tgt Ion:113 Resp: 31781

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

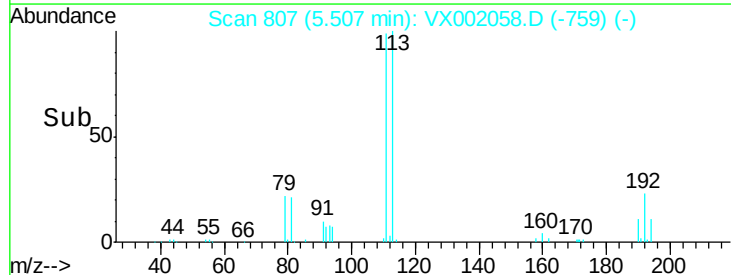
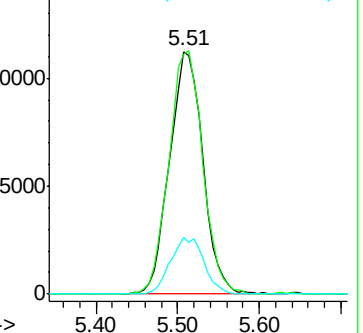
192 23.4 18.9 28.3

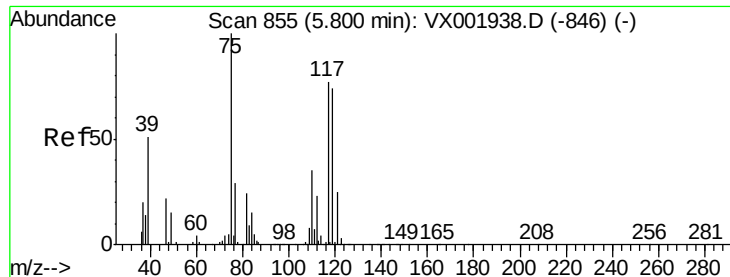


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

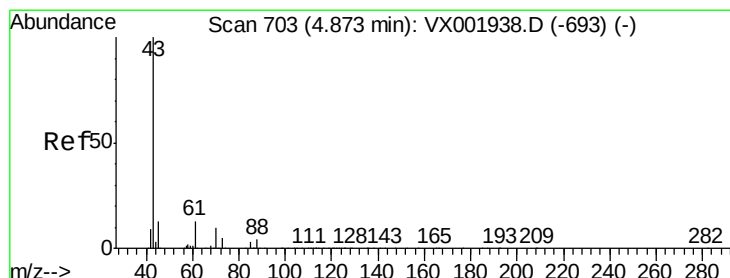
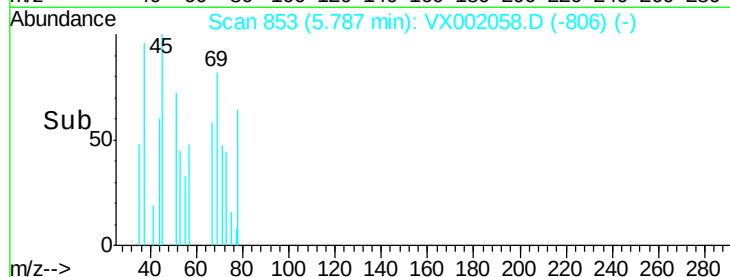
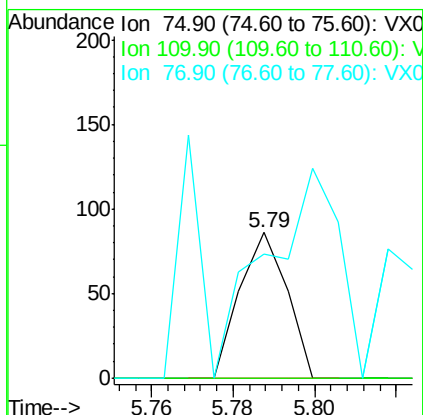
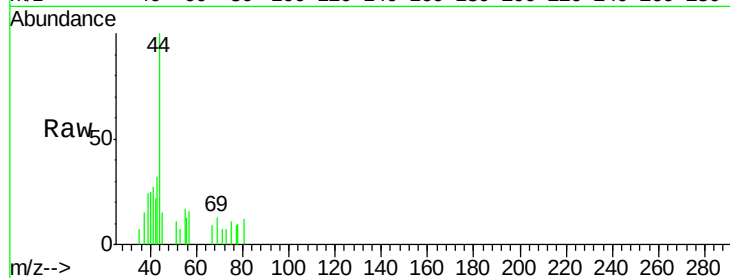




#36
 1,1-Dichloropropene
 Concen: 3.03 ug/l
 RT: 5.79 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: VX002058.D
 Acq: 27 May 2018 09:36

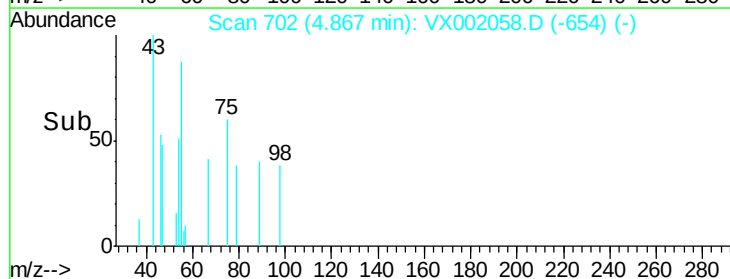
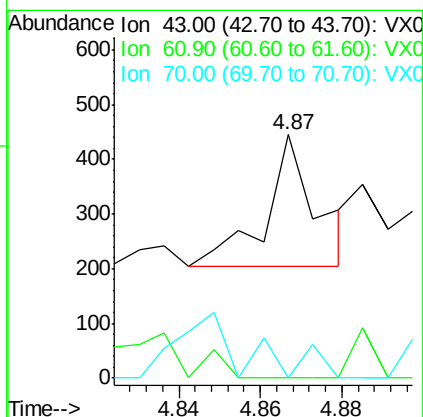
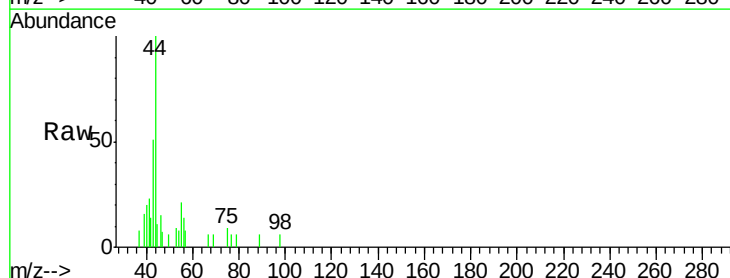
Instrument :
 MSVOA_X
 ClientSampleId :

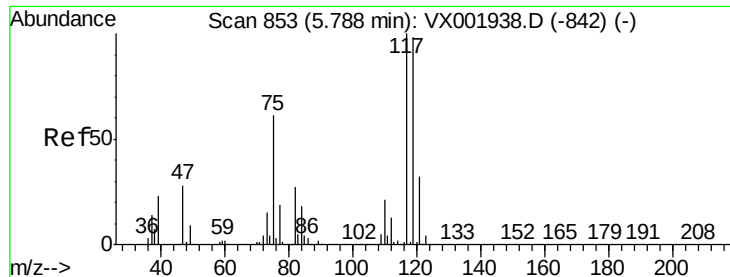
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.4	52.2#
77	189.9	24.4	36.6#



#37
 Ethyl Acetate
 Concen: 6.97 ug/l
 RT: 4.87 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: VX002058.D
 Acq: 27 May 2018 09:36

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.2#
70	70.5	7.8	11.8#





#38

Carbon Tetrachloride

Concen: 0.75 ug/l

RT: 5.69 min Scan# 837

Delta R.T. -0.10 min

Lab File: VX002058.D

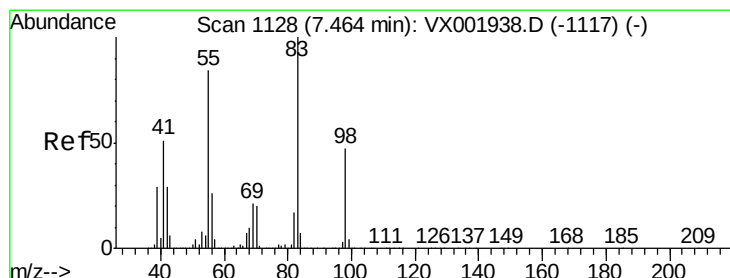
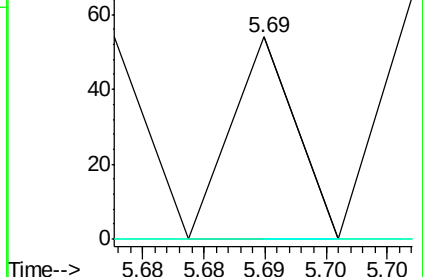
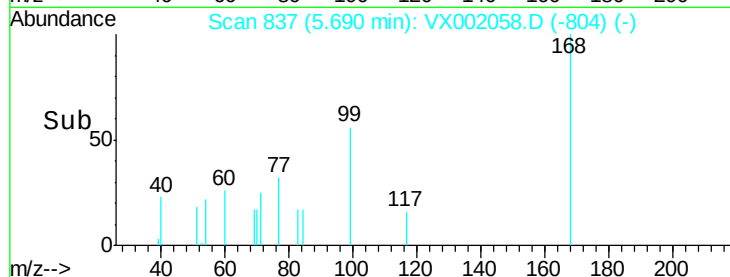
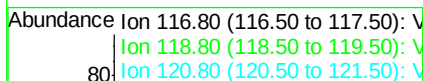
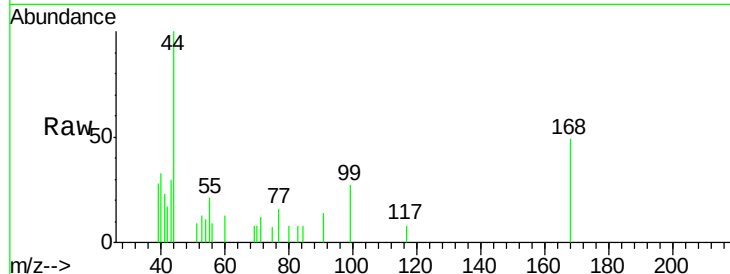
Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	117	Resp:	20
Ion	Ratio	Lower	Upper
117	100		
119	0.0	78.5	117.7#
121	0.0	25.5	38.3#



#39

Methylcyclohexane

Concen: 8.68 ug/l

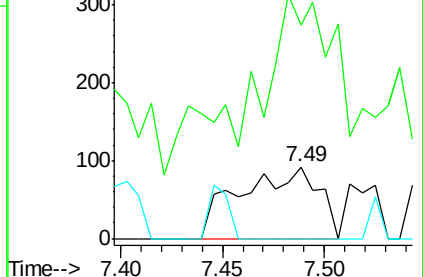
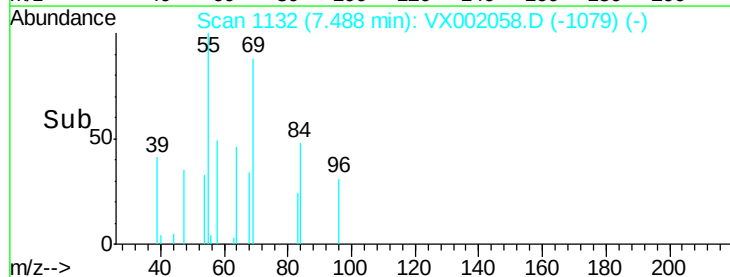
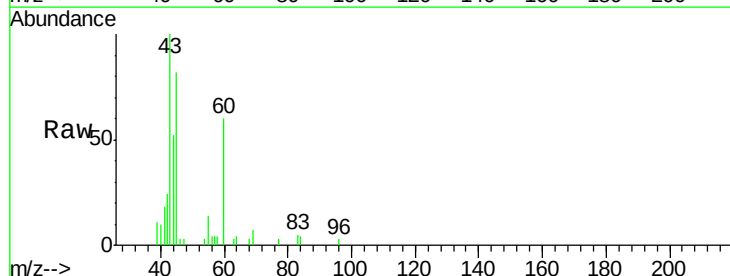
RT: 7.49 min Scan# 1132

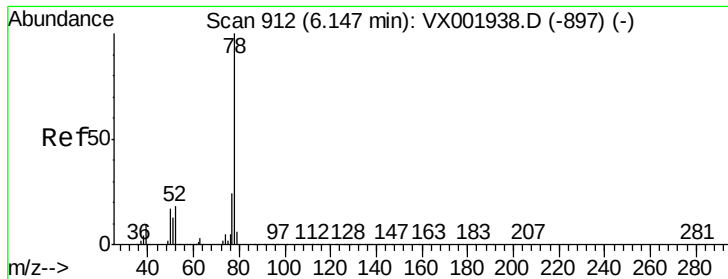
Delta R.T. 0.02 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Tgt Ion:	83	Resp:	243
Ion	Ratio	Lower	Upper
83	100		
55	112.0	67.3	100.9#
98	0.0	37.5	56.3#





#40

Benzene

Concen: 2.25 ug/l

RT: 6.13 min Scan# 910

Delta R.T. -0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

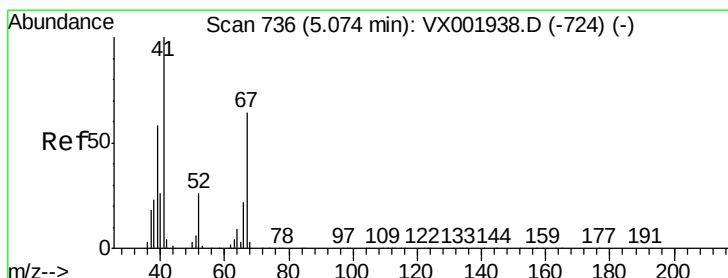
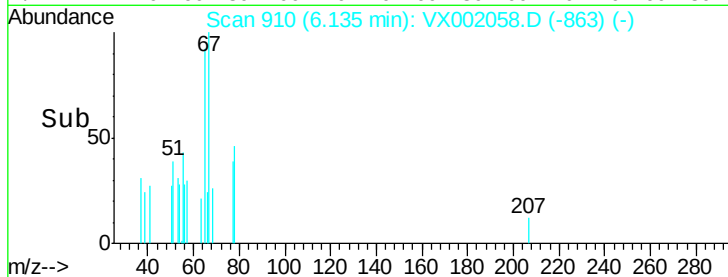
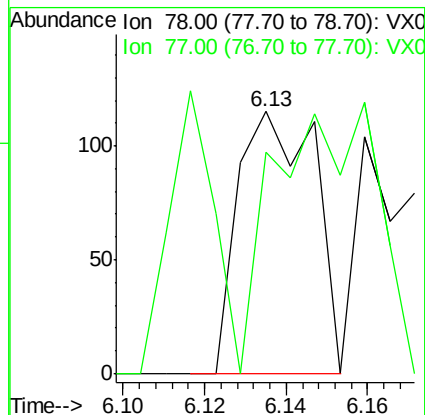
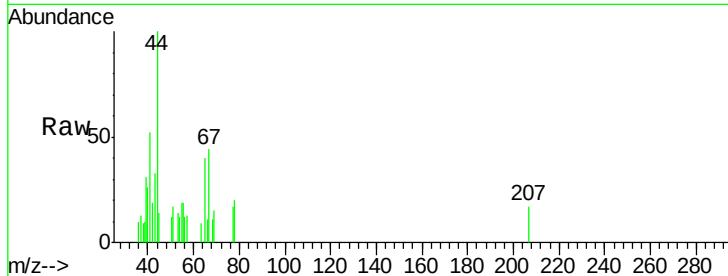
ClientSampled :

Tot Ion: 78 Resp: 150

Ion Ratio Lower Upper

78 100

77 8.7 19.1 28.7#



#41

Methacrylonitrile

Concen: 9.09 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Tgt Ion: 41 Resp: 160

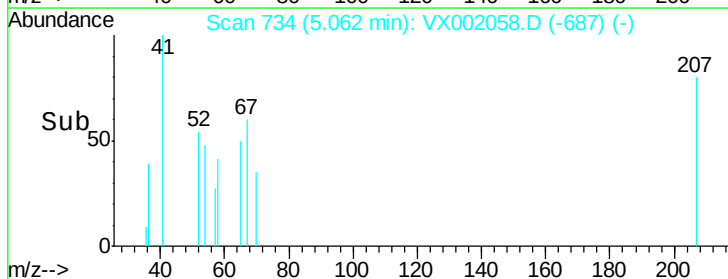
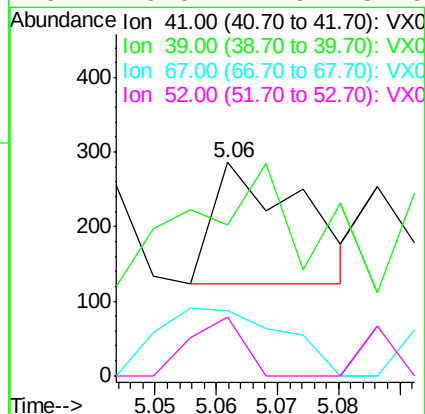
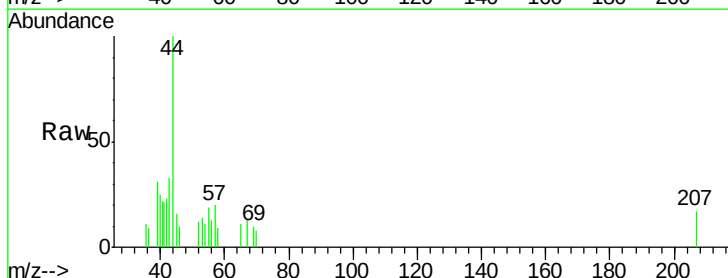
Ion Ratio Lower Upper

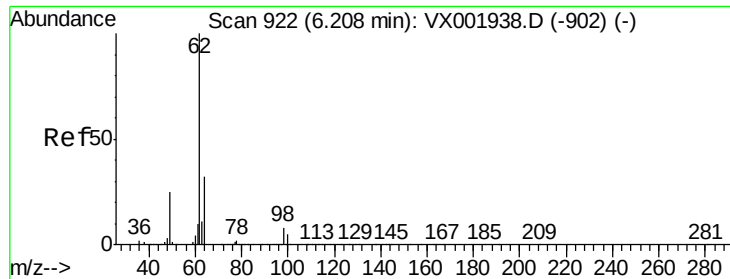
41 100

39 140.6 46.0 69.0#

67 81.3 50.6 75.8#

52 0.0 21.9 32.9#





#42

1,2-Dichloroethane

Concen: 0.94 ug/l

RT: 6.20 min Scan# 921

Delta R.T. -0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

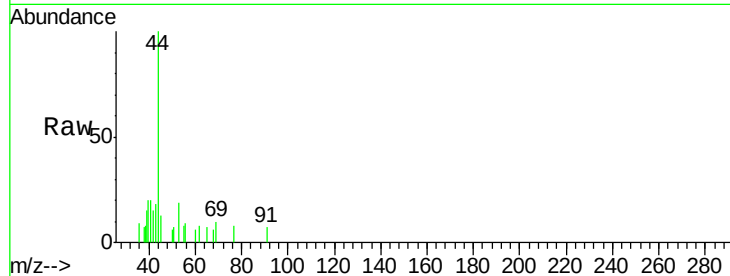
ClientSampled :

Tot Ion: 62 Resp: 25

Ion Ratio Lower Upper

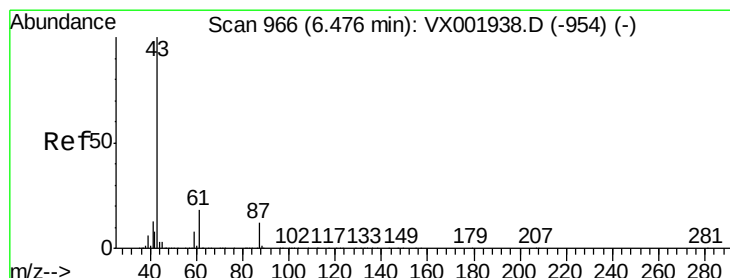
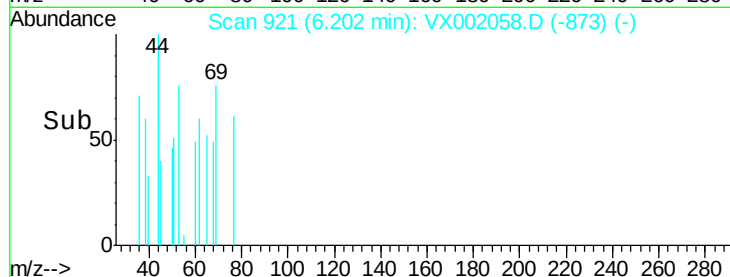
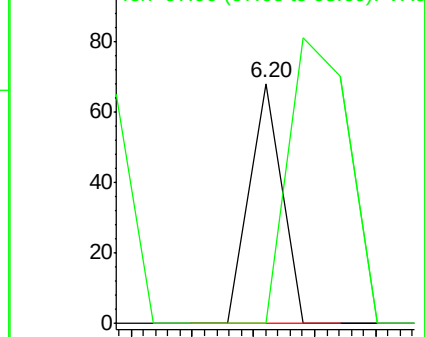
62 100

98 220.0 0.0 17.0#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 2.53 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

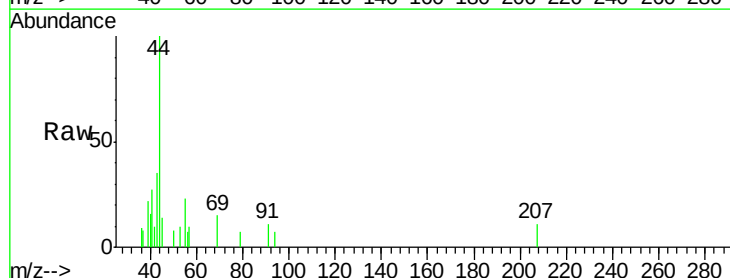
Tgt Ion: 43 Resp: 125

Ion Ratio Lower Upper

43 100

61 0.0 14.5 21.7#

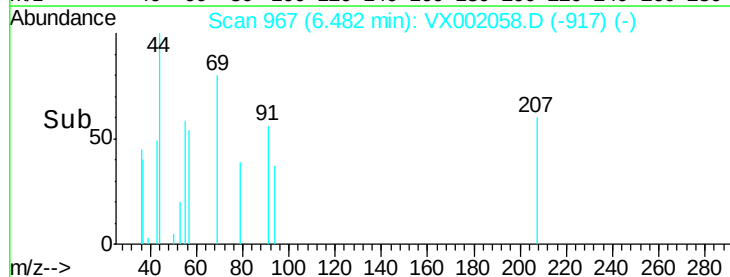
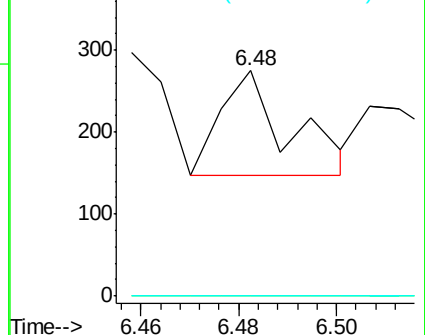
87 0.0 9.5 14.3#

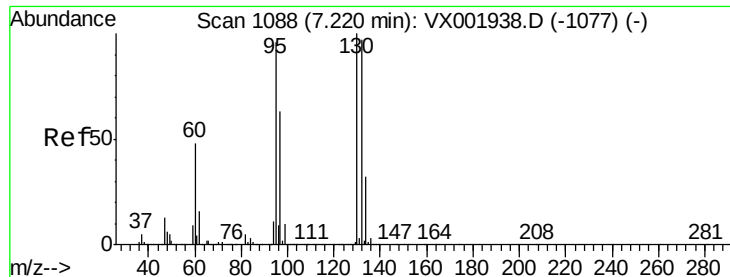


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 6.32 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

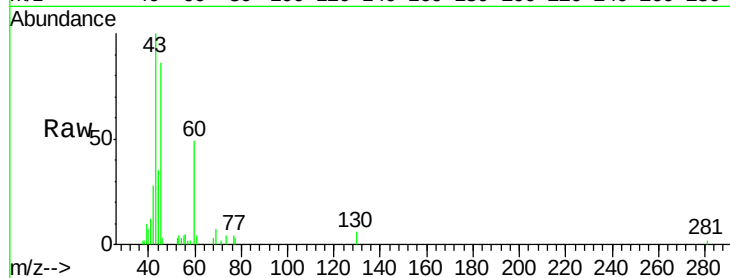
ClientSampled :

Tot Ion:130 Resp: 123

Ion Ratio Lower Upper

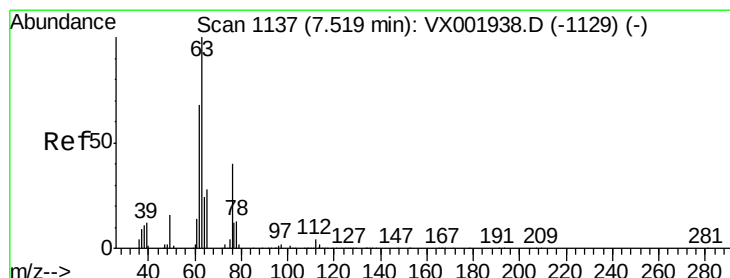
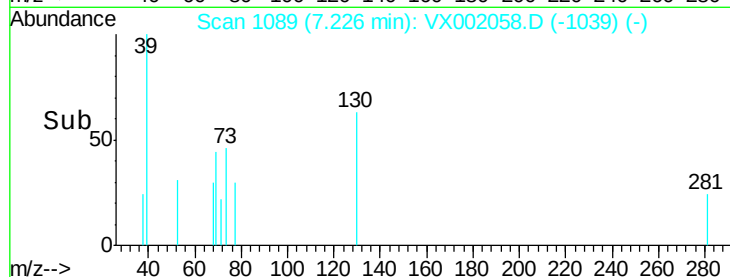
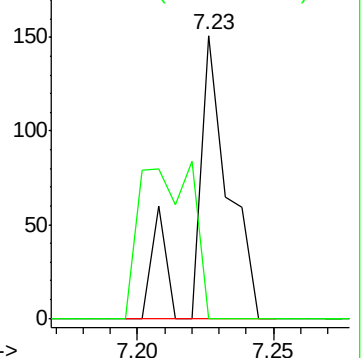
130 100

95 0.0 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.38 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002058.D

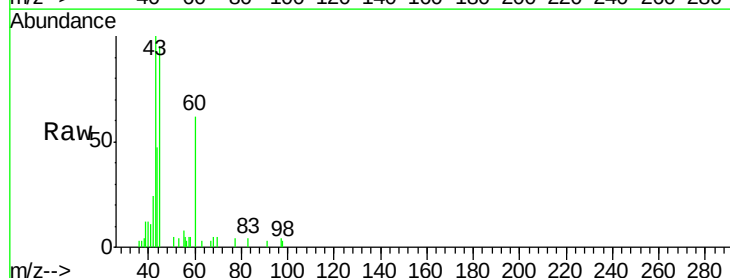
Acq: 27 May 2018 09:36

Tgt Ion: 63 Resp: 25

Ion Ratio Lower Upper

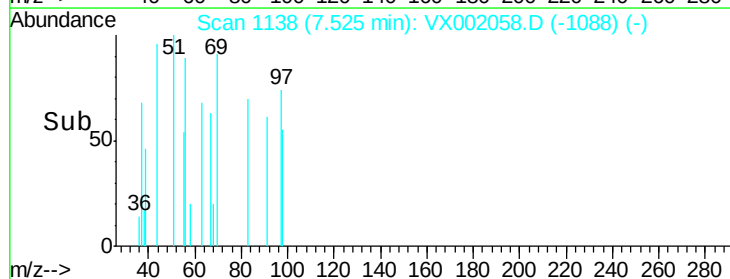
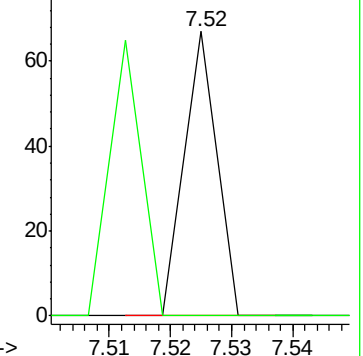
63 100

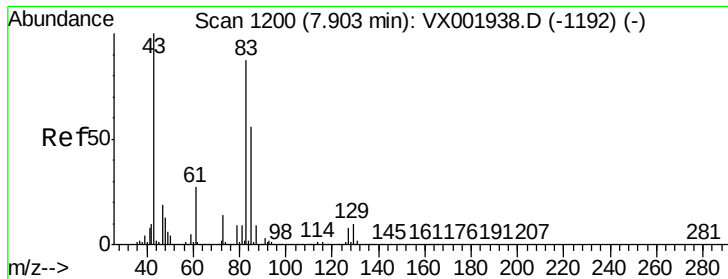
65 0.0 24.1 36.1#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

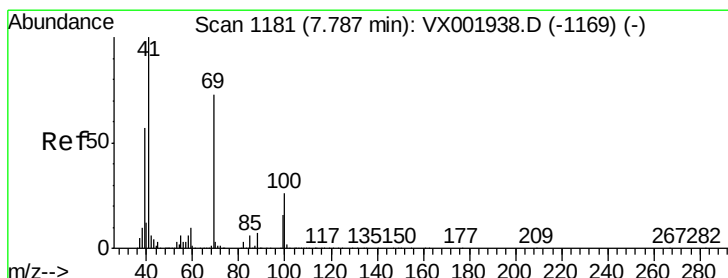
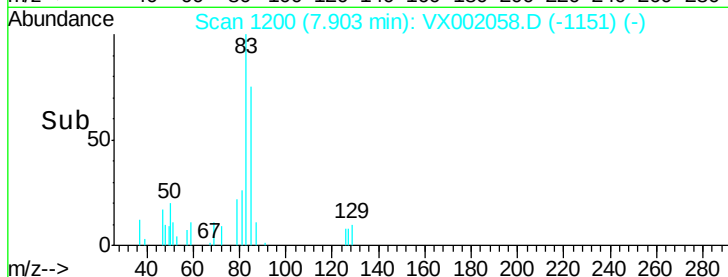
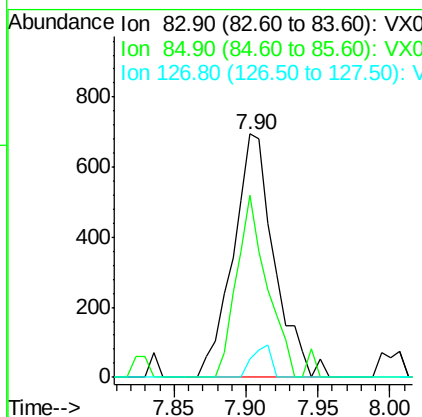
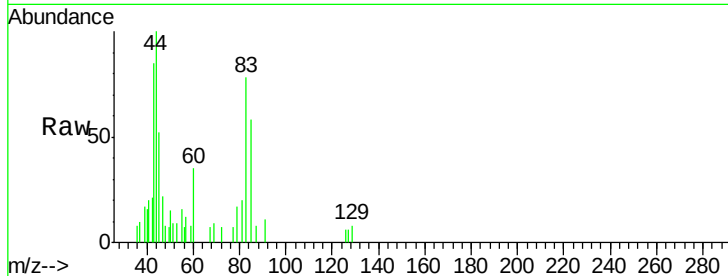




#47
 Bromodichloromethane
 Concen: 54.04 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX002058.D
 Acq: 27 May 2018 09:36

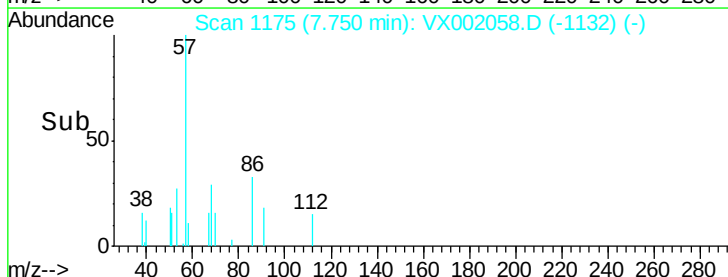
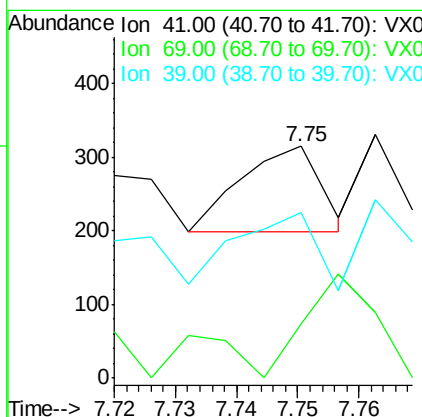
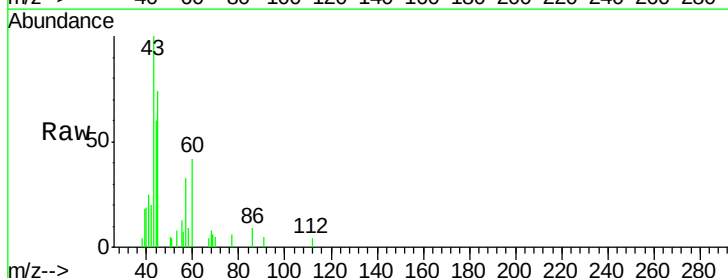
Instrument :
 MSVOA_X
 ClientSampleId :

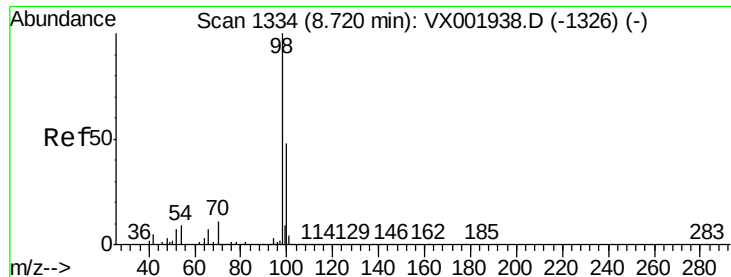
Tot Ion: 83 Resp: 1383
 Ion Ratio Lower Upper
 83 100
 85 74.7 51.4 77.2
 127 7.6 7.1 10.7



#48
 Methyl methacrylate
 Concen: 4.17 ug/l
 RT: 7.75 min Scan# 1175
 Delta R.T. -0.04 min
 Lab File: VX002058.D
 Acq: 27 May 2018 09:36

Tgt Ion: 41 Resp: 105
 Ion Ratio Lower Upper
 41 100
 69 0.0 58.6 87.8#
 39 89.5 46.3 69.5#

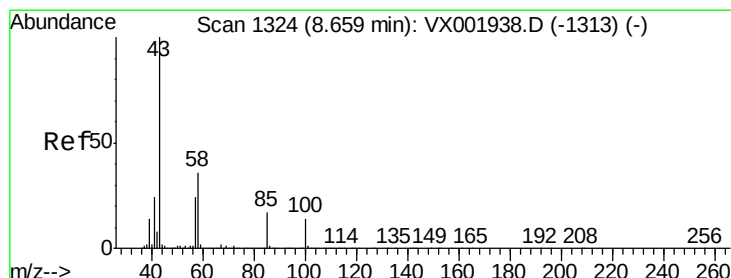
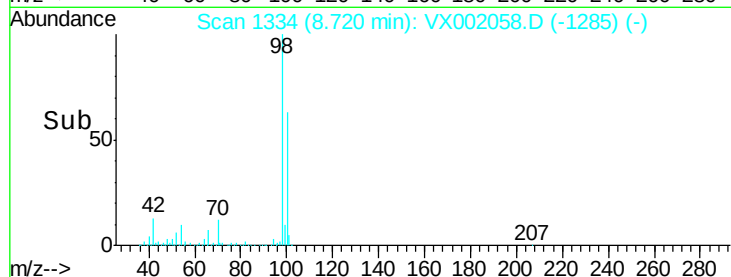
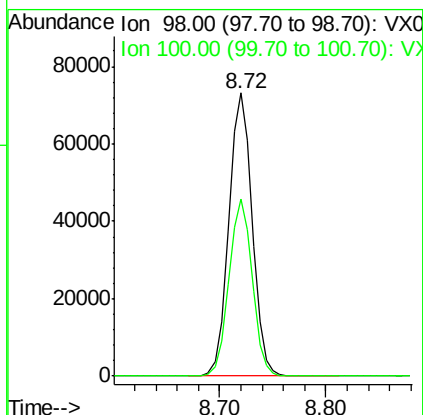
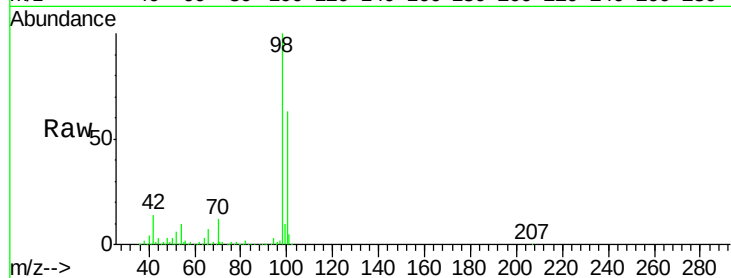




#50
Toluene-d8
Concen: 1900.53 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002058.D
Acq: 27 May 2018 09:36

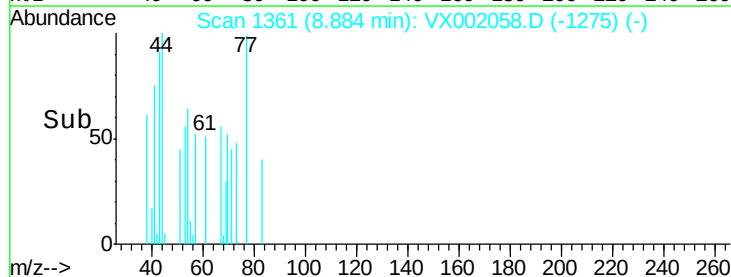
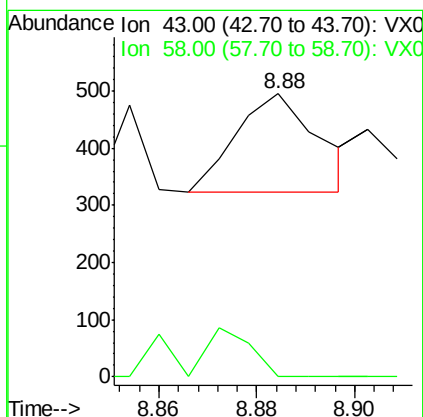
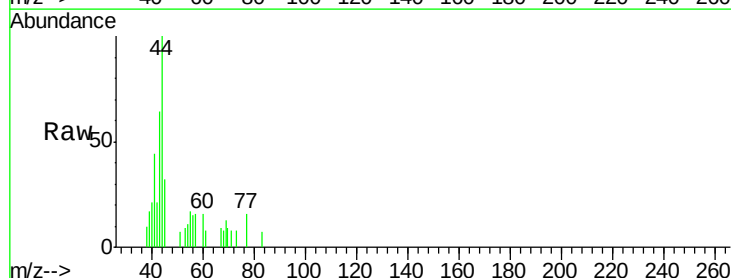
Instrument :
MSVOA_X
ClientSampleId :

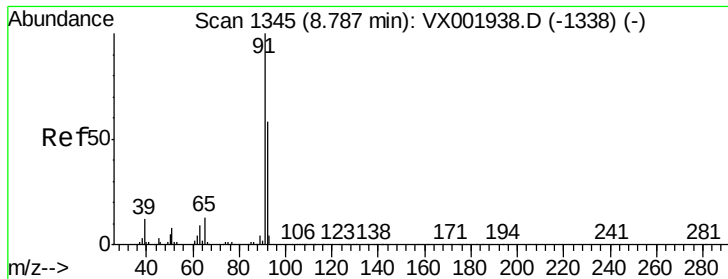
Tot Ion: 98 Resp: 112704
Ion Ratio Lower Upper
98 100
100 62.2 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 6.70 ug/l
RT: 8.88 min Scan# 1361
Delta R.T. 0.23 min
Lab File: VX002058.D
Acq: 27 May 2018 09:36

Tgt Ion: 43 Resp: 200
Ion Ratio Lower Upper
43 100
58 40.0 28.5 42.7





#52

Toluene

Concen: 10.85 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

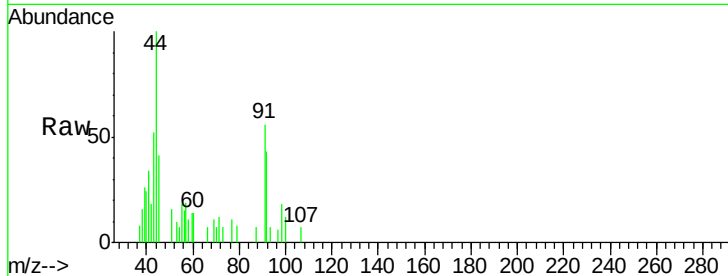
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 92 Resp: 461

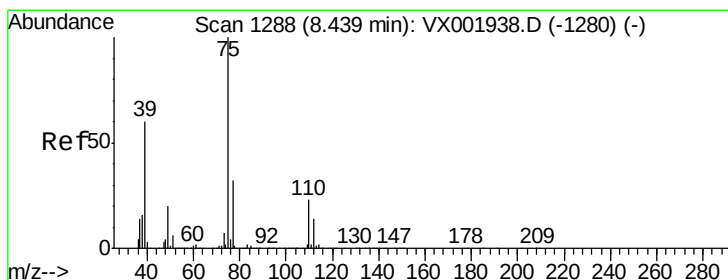
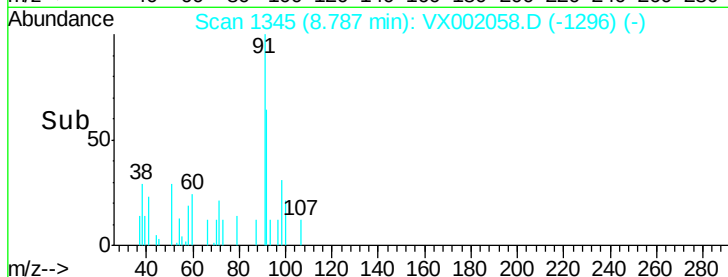
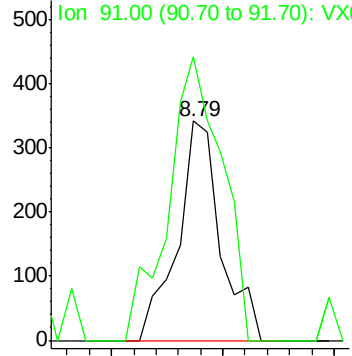
Ion Ratio Lower Upper

92 100

91 161.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.71 ug/l

RT: 8.35 min Scan# 1273

Delta R.T. -0.09 min

Lab File: VX002058.D

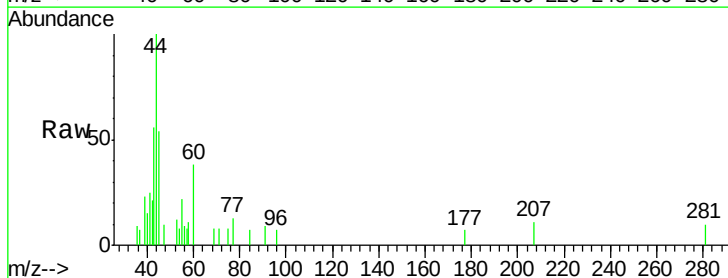
Acq: 27 May 2018 09:36

Tgt Ion: 75 Resp: 21

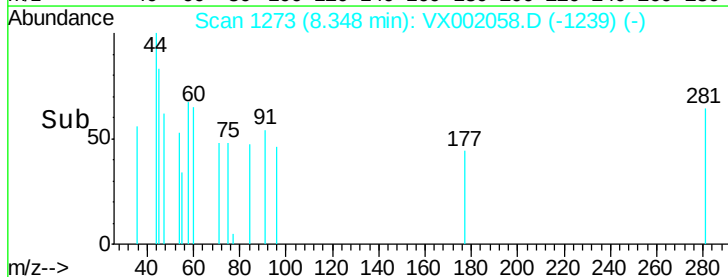
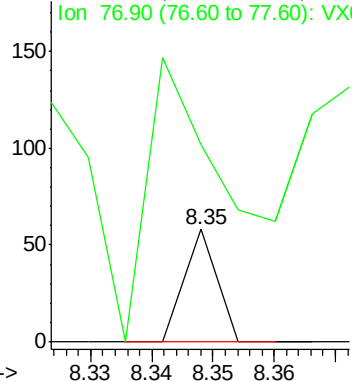
Ion Ratio Lower Upper

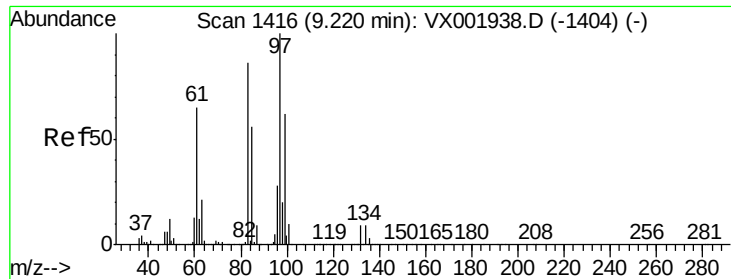
75 100

77 175.9 25.5 38.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0

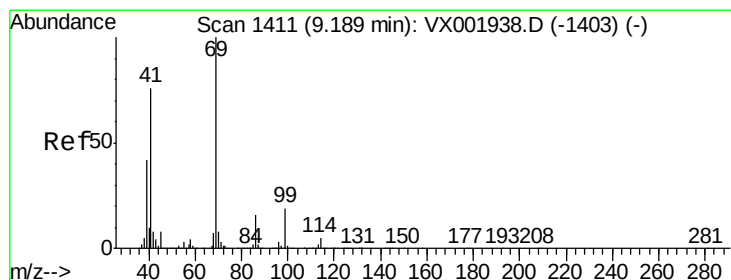
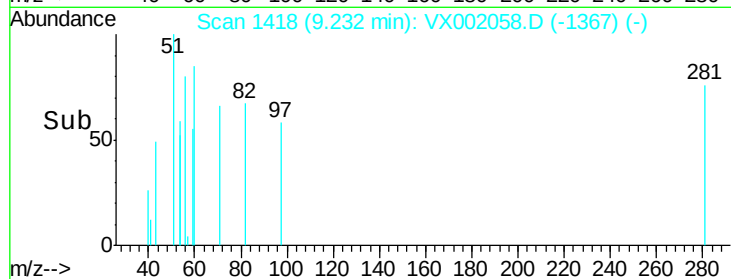
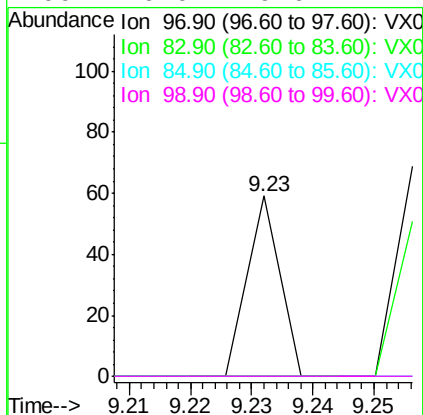
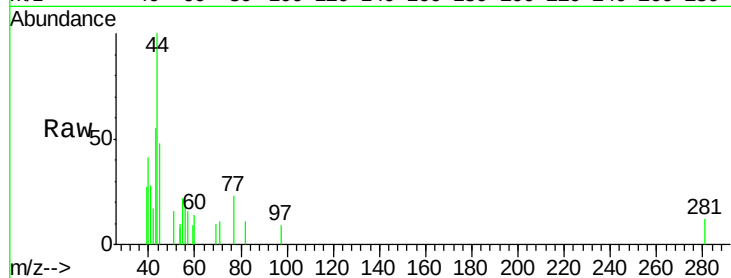




#55
 1,1,2-Trichloroethane
 Concen: 1.24 ug/l
 RT: 9.23 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: VX002058.D
 Acq: 27 May 2018 09:36

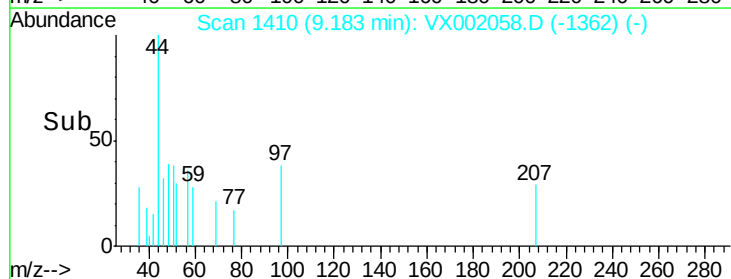
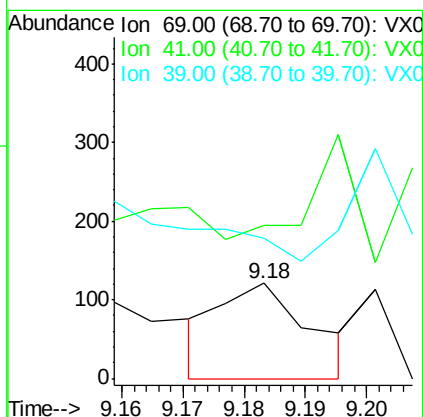
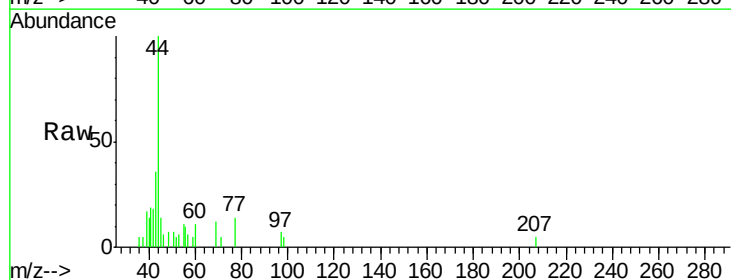
Instrument :
 MSVOA_X
 ClientSampleId :

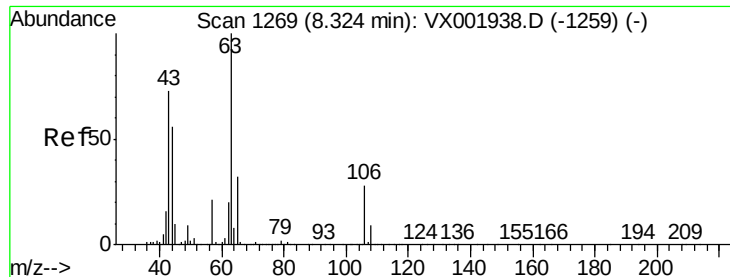
Tot Ion:	97	Resp:	22
Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.1	103.7#
85	0.0	45.2	67.8#
99	0.0	49.6	74.4#



#56
 Ethyl methacrylate
 Concen: 4.06 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002058.D
 Acq: 27 May 2018 09:36

Tgt Ion:	69	Resp:	124
Ion	Ratio	Lower	Upper
69	100		
41	71.8	61.0	91.6
39	0.0	34.4	51.6#

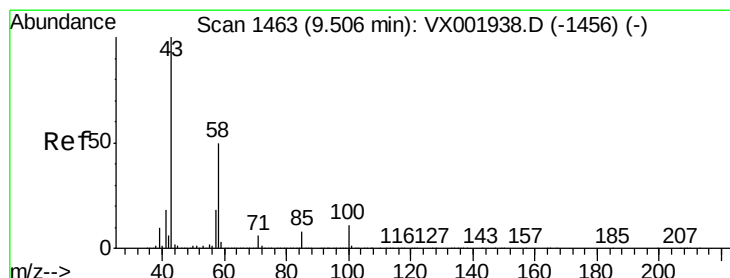
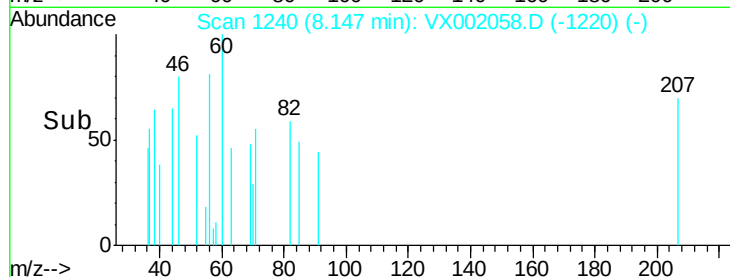
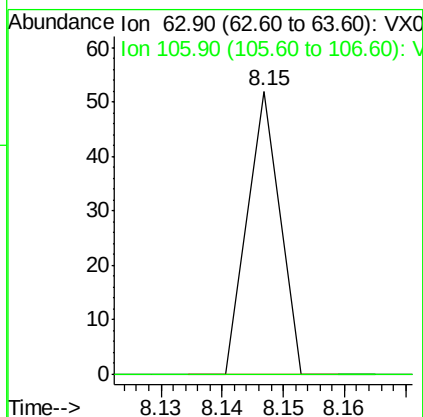
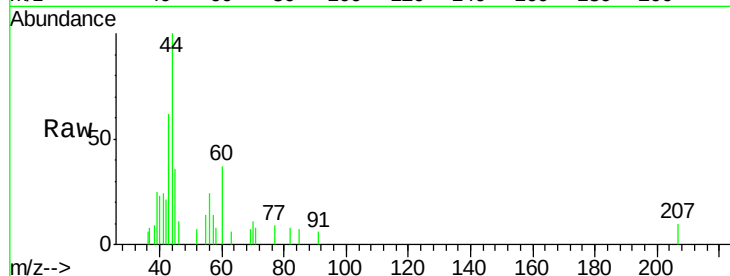




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.40 ug/l
 RT: 8.15 min Scan# 1240
 Delta R.T. -0.18 min
 Lab File: VX002058.D
 Acq: 27 May 2018 09:36

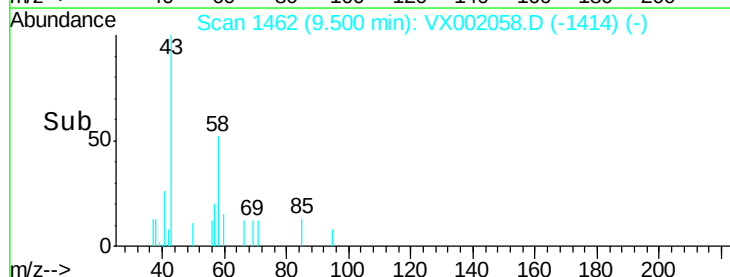
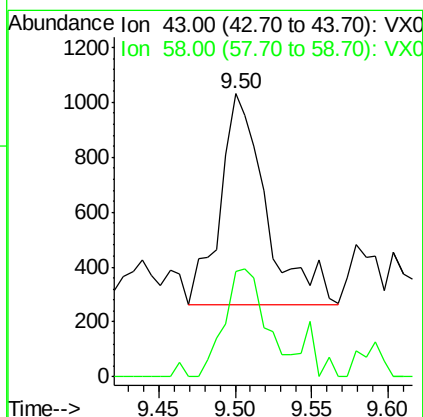
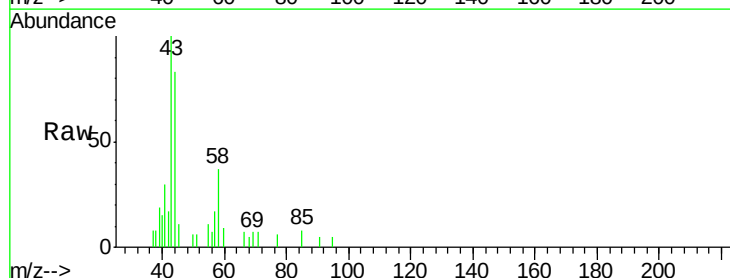
Instrument :
 MSVOA_X
 ClientSampleId :

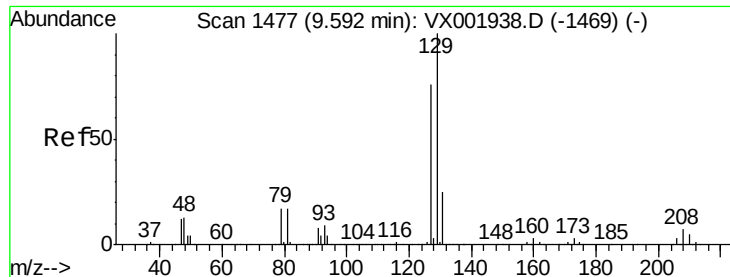
Tot Ion: 63 Resp: 19
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.7 32.5#



#59
 2-Hexanone
 Concen: 68.68 ug/l
 RT: 9.50 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: VX002058.D
 Acq: 27 May 2018 09:36

Tgt Ion: 43 Resp: 1580
 Ion Ratio Lower Upper
 43 100
 58 47.1 24.9 74.6





#60

Dibromochloromethane

Concen: 11.80 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

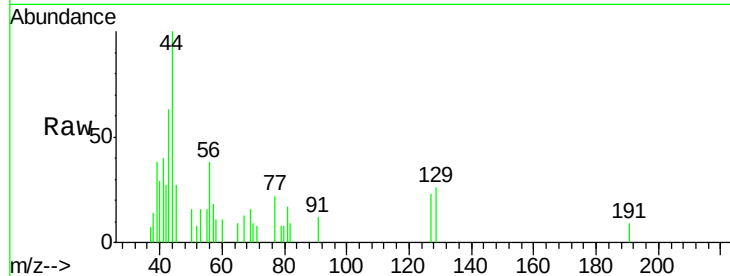
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 248

Ion Ratio Lower Upper

129 100

127 75.8 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

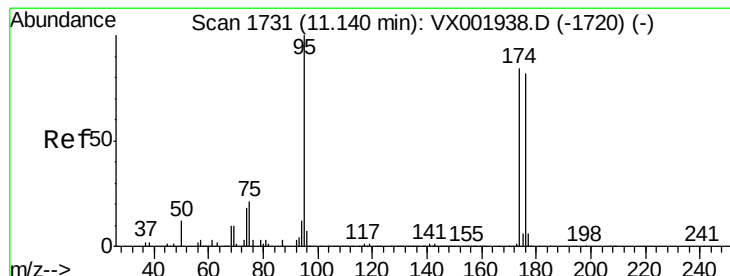
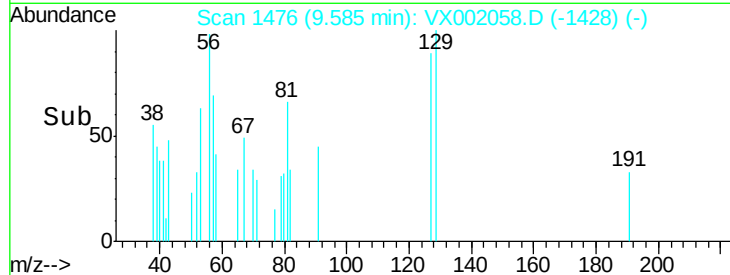
150

100

50

0

Time--> 9.54 9.56 9.58 9.60 9.62



#62

4-Bromofluorobenzene

Concen: 1682.30 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

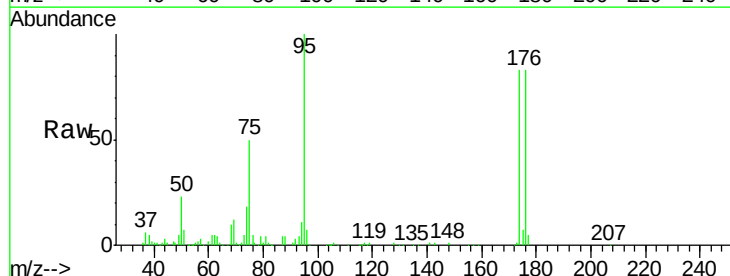
Tgt Ion: 95 Resp: 39033

Ion Ratio Lower Upper

95 100

174 89.8 0.0 178.8

176 87.7 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

11.14

40000

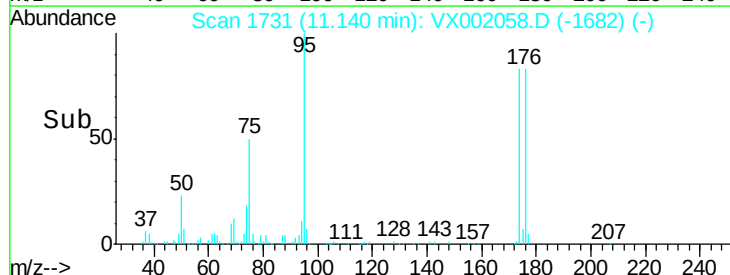
30000

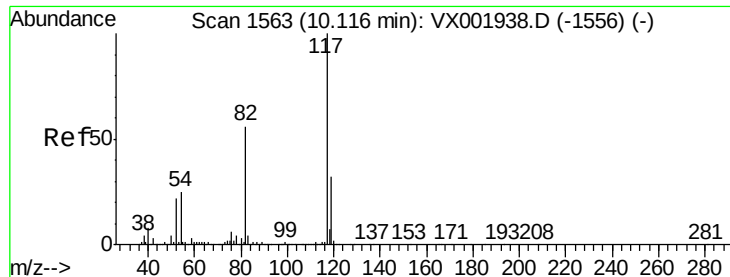
20000

10000

0

Time--> 11.10 11.20

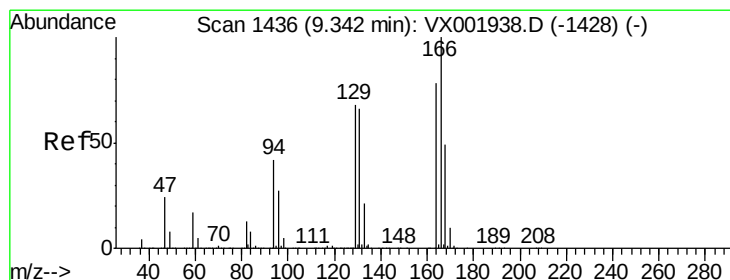
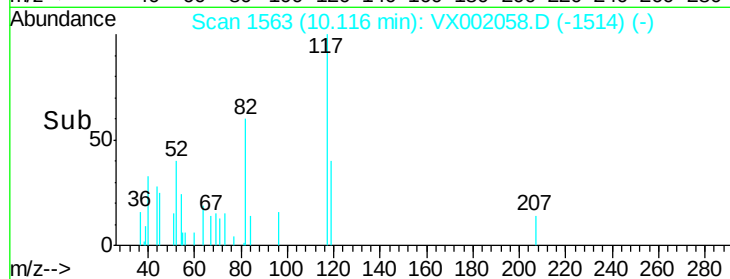
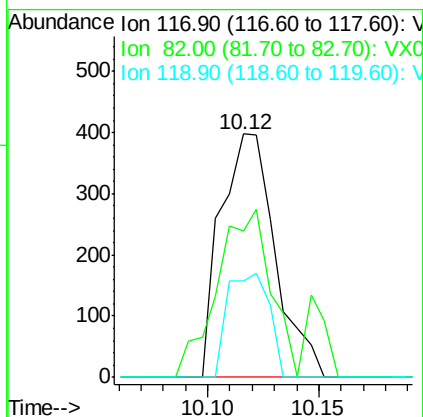
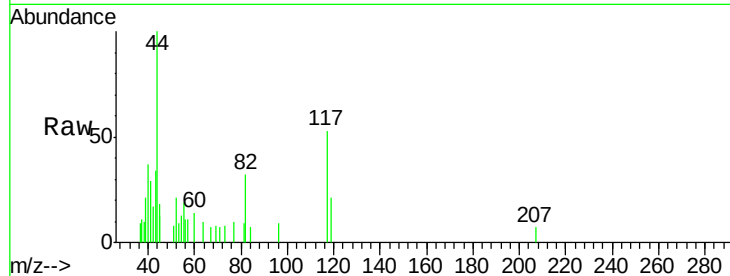




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002058.D
Acq: 27 May 2018 09:36

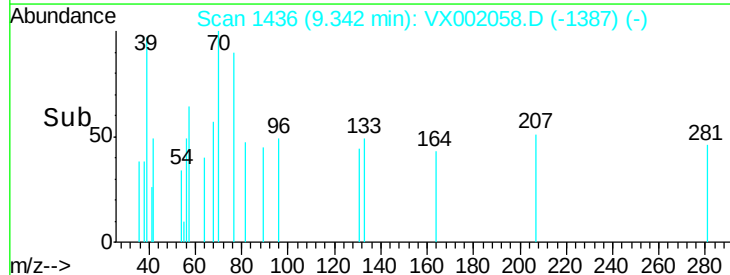
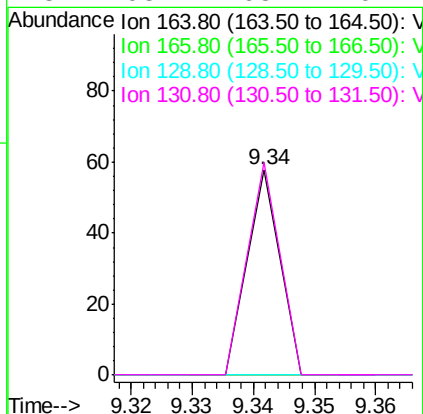
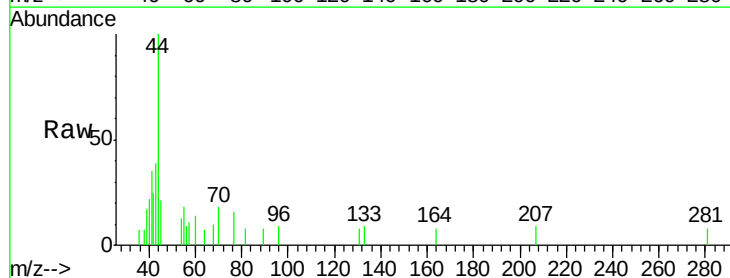
Instrument :
MSVOA_X
ClientSampled :

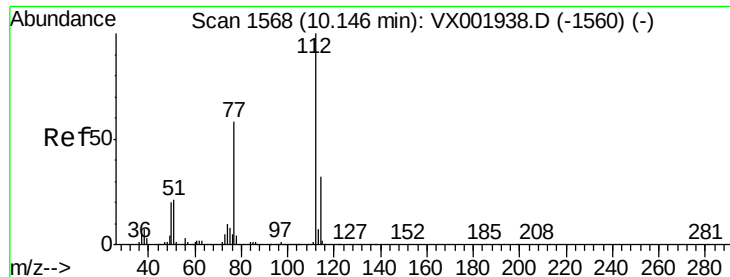
Tot Ion:117 Resp: 678
Ion Ratio Lower Upper
117 100
82 60.3 44.8 67.2
119 39.7 25.5 38.3#



#64
Tetrachloroethene
Concen: 2.16 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002058.D
Acq: 27 May 2018 09:36

Tgt Ion:164 Resp: 21
Ion Ratio Lower Upper
164 100
166 0.0 102.7 154.1#
129 0.0 70.3 105.5#
131 103.4 68.2 102.4#





#65

Chlorobenzene

Concen: 10.43 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

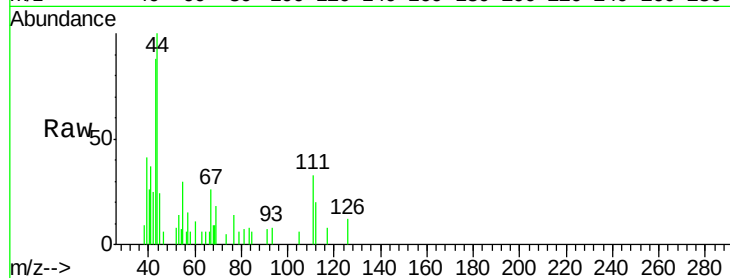
ClientSampled :

Tot Ion:112 Resp: 224

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

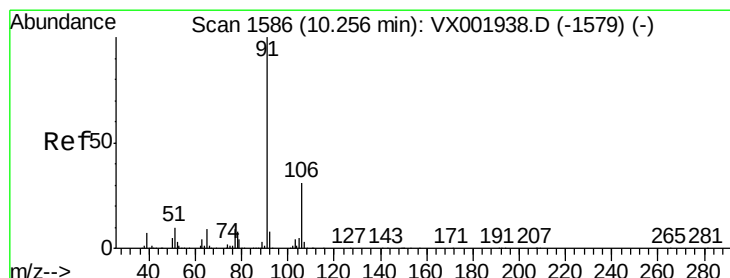
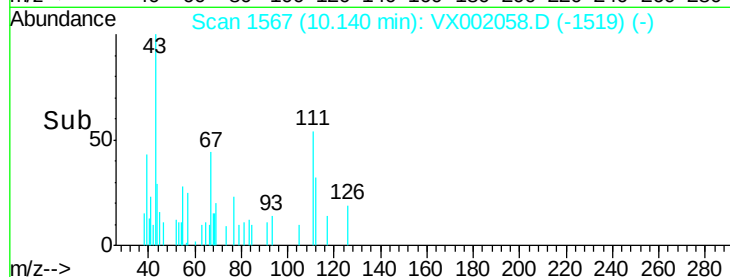
150

100

50

0

Time--> 10.10 10.15



#67

Ethyl Benzene

Concen: 15.54 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX002058.D

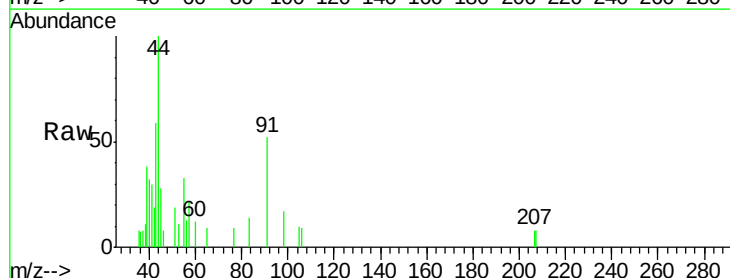
Acq: 27 May 2018 09:36

Tgt Ion: 91 Resp: 580

Ion Ratio Lower Upper

91 100

106 17.6 25.0 37.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

10.25

400

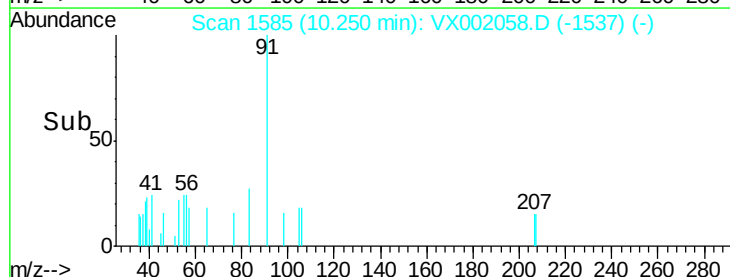
300

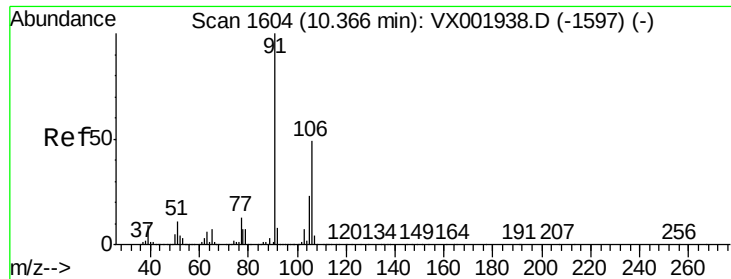
200

100

0

Time--> 10.20 10.25 10.30

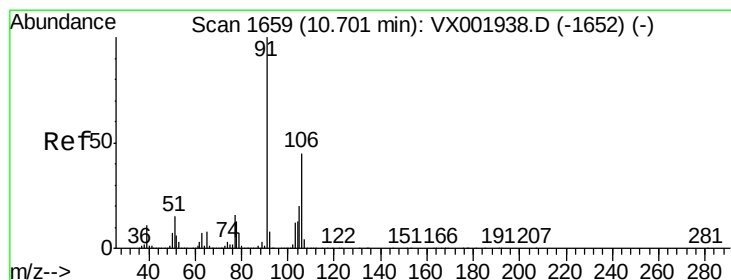
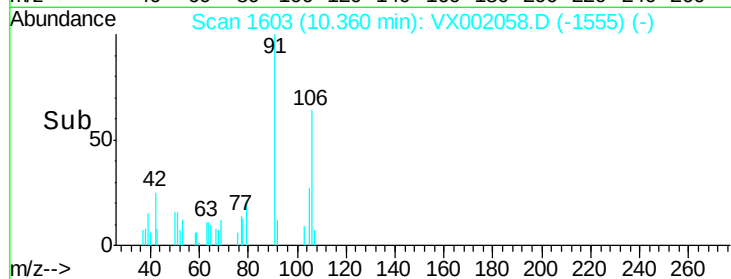
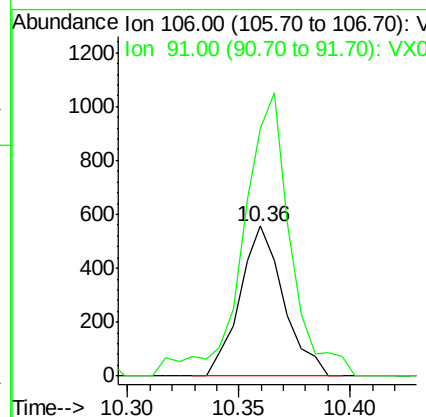
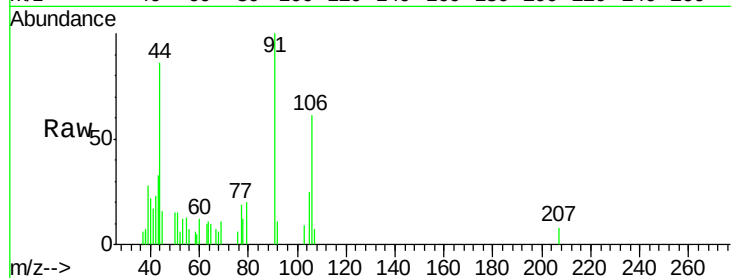




#68
m/p-Xylenes
Concen: 53.62 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002058.D
Acq: 27 May 2018 09:36

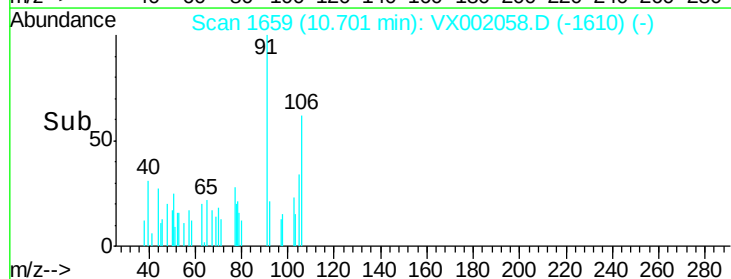
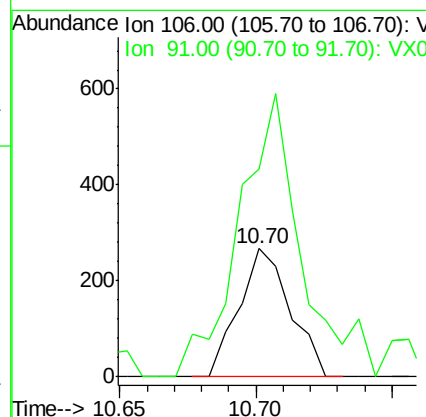
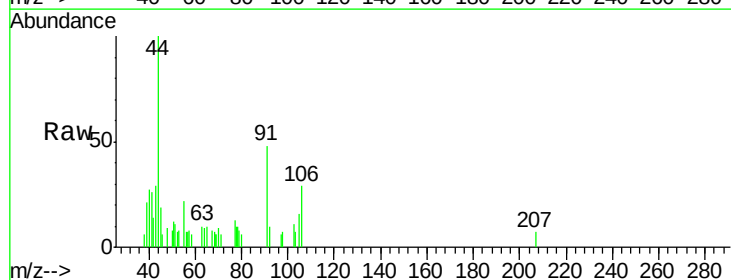
Instrument :
MSVOA_X
ClientSampleId :

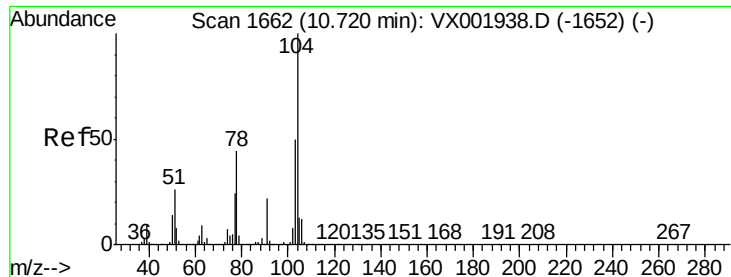
Tot Ion:106 Resp: 765
Ion Ratio Lower Upper
106 100
91 204.4 165.0 247.6



#69
o-Xylene
Concen: 24.36 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002058.D
Acq: 27 May 2018 09:36

Tgt Ion:106 Resp: 347
Ion Ratio Lower Upper
106 100
91 268.9 108.7 325.9





#70

Stvrene

Concen: 6.31 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

ClientSampled :

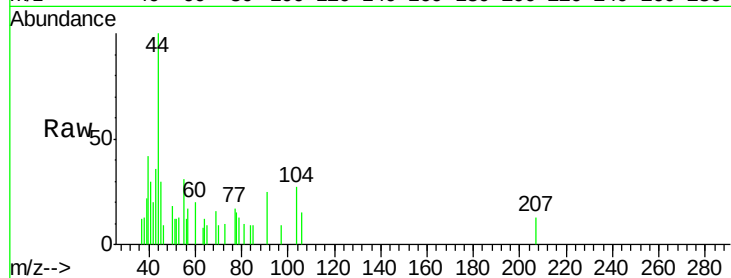
Tot Ion:104 Resp: 149

Ion Ratio Lower Upper

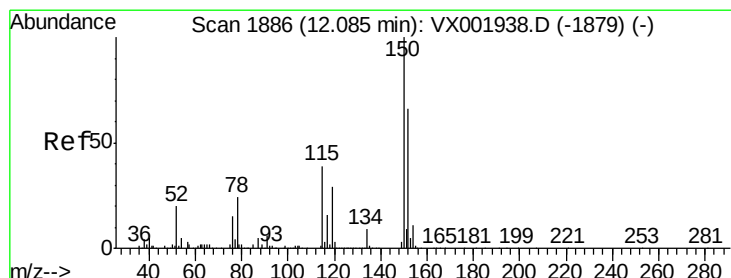
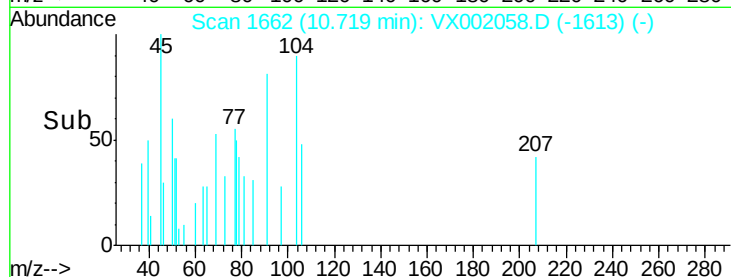
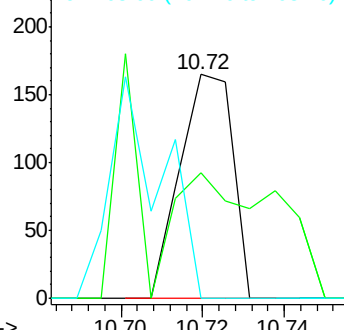
104 100

78 90.6 41.8 62.6#

103 0.0 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: VX002058.D

Acq: 27 May 2018 09:36

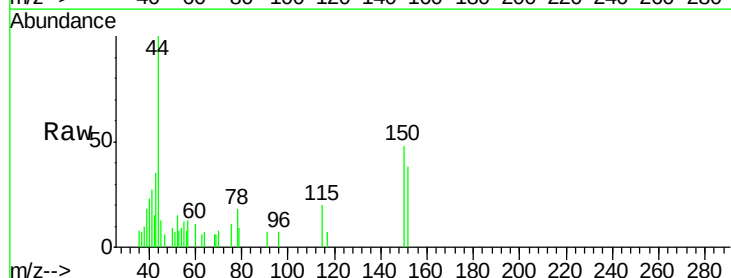
Tgt Ion:152 Resp: 549

Ion Ratio Lower Upper

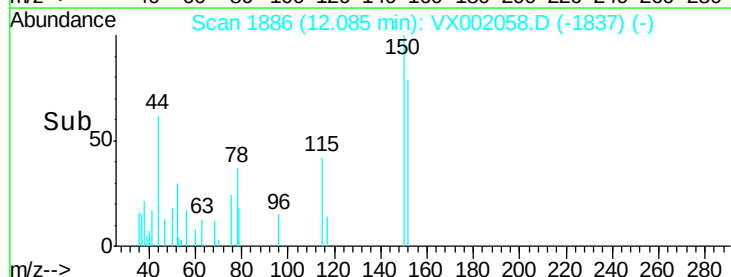
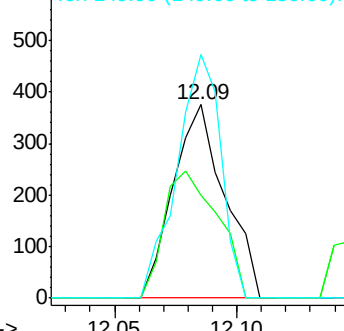
152 100

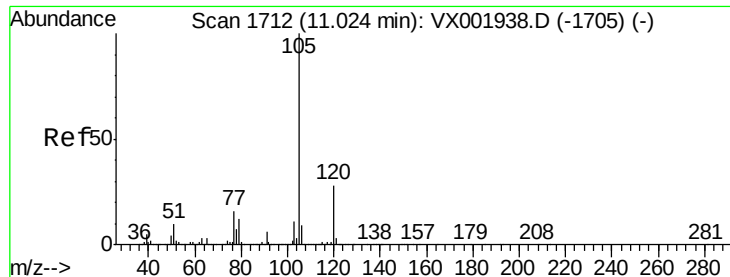
115 68.5 42.3 126.8

150 107.5 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: 4.69 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

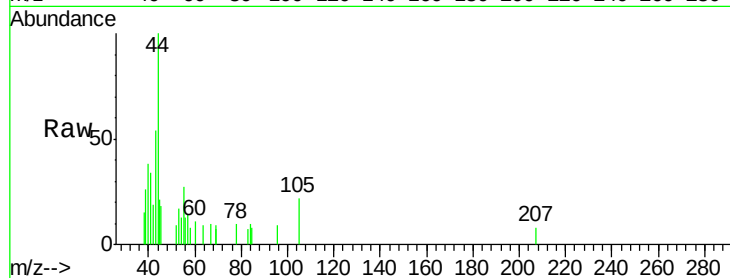
ClientSampleId :

Tot Ion:105 Resp: 218

Ion Ratio Lower Upper

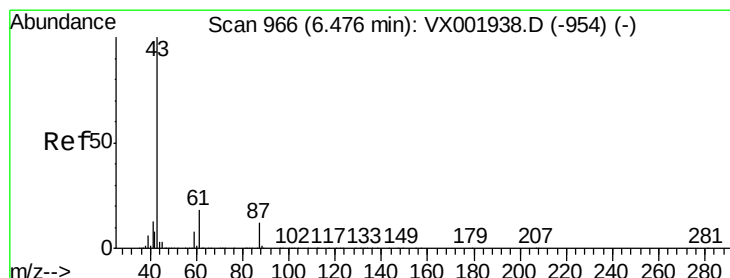
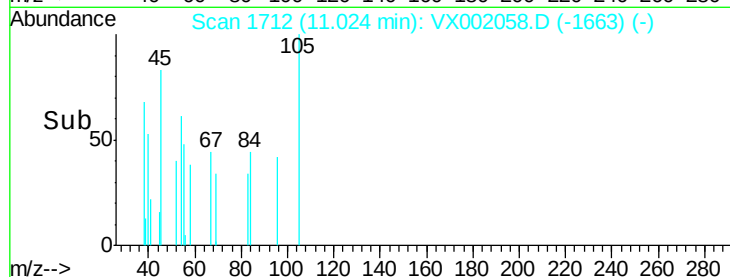
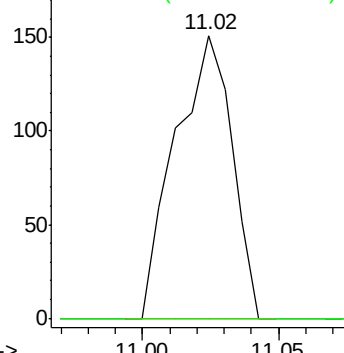
105 100

120 0.0 13.6 40.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 2.17 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Tgt Ion: 43 Resp: 125

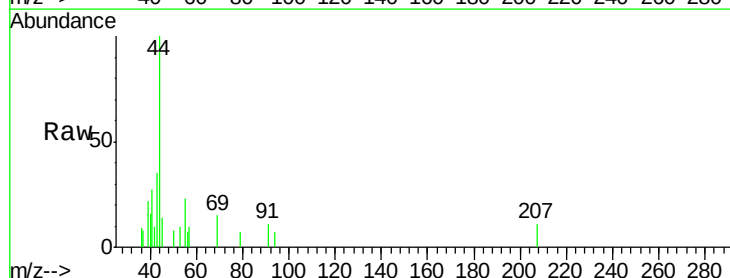
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 210.4 0.1 0.1#

61 0.0 14.5 21.7#

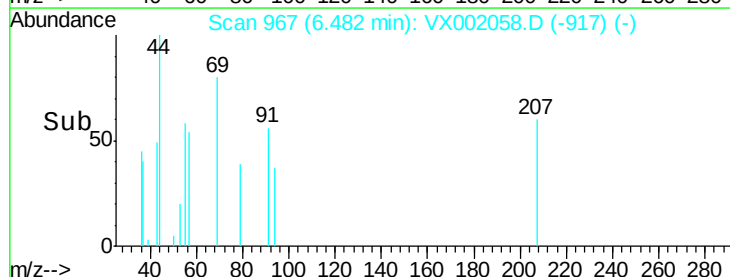
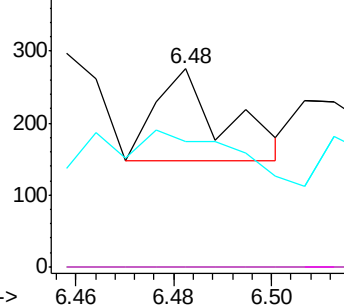


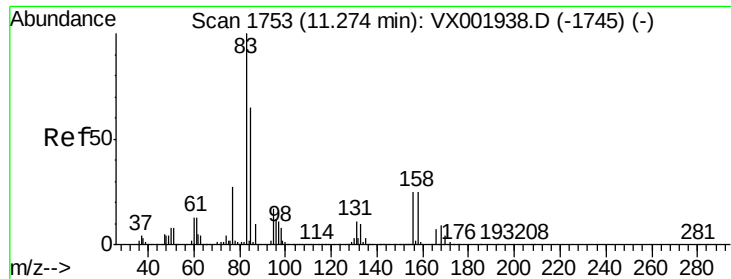
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 0.40 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002058.D

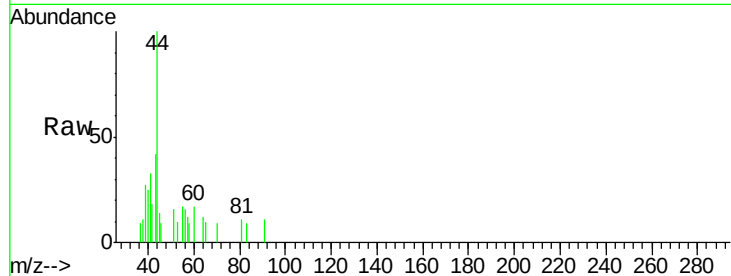
Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

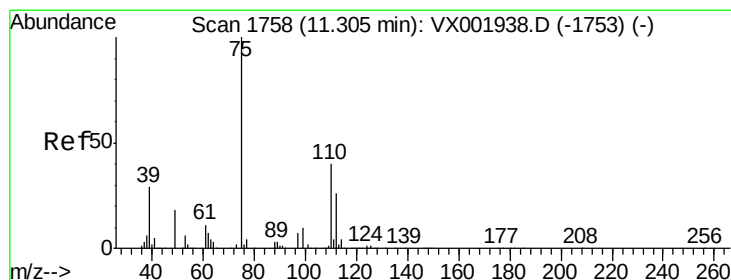
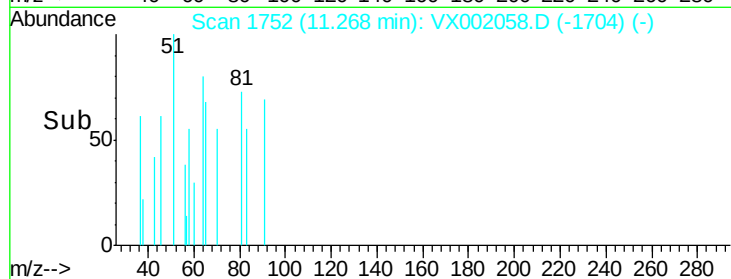
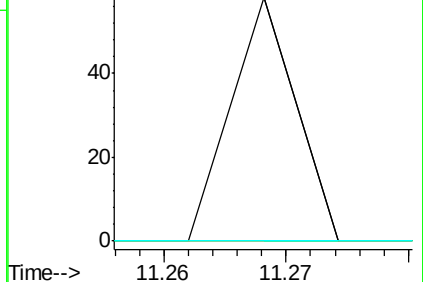
Tot Ion:	83	Resp:	21
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.7	17.0#
85	0.0	32.6	97.7#



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: 1520.85 ug/l

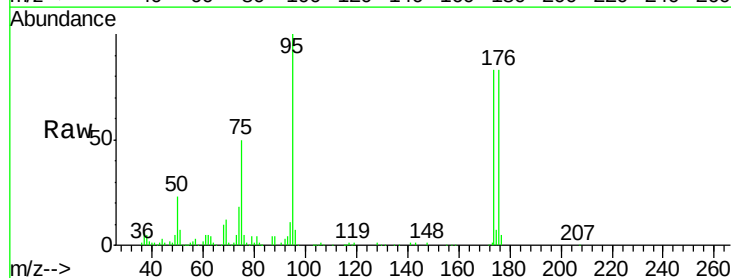
RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002058.D

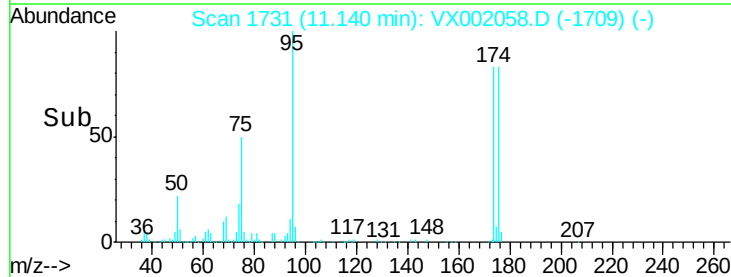
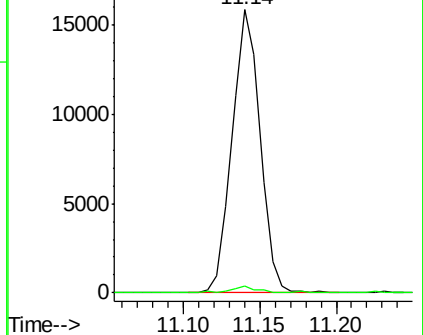
Acq: 27 May 2018 09:36

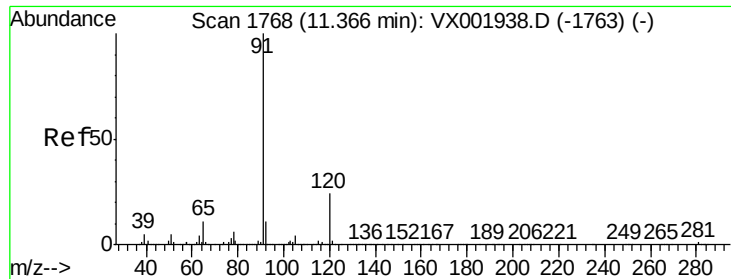
Tgt Ion:	75	Resp:	20055
Ion	Ratio	Lower	Upper
75	100		
77	2.1	22.8	68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 8.49 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

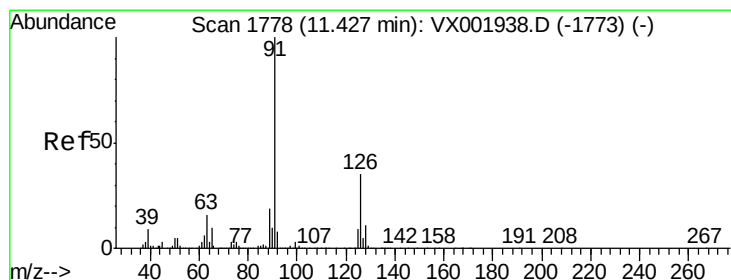
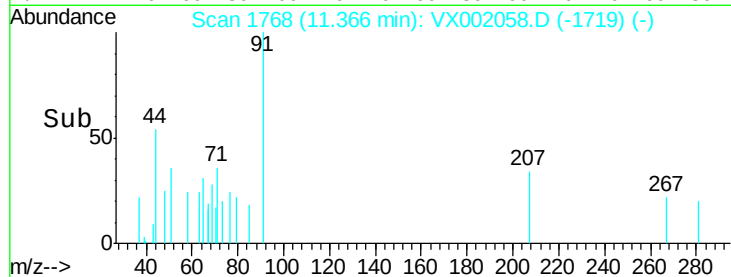
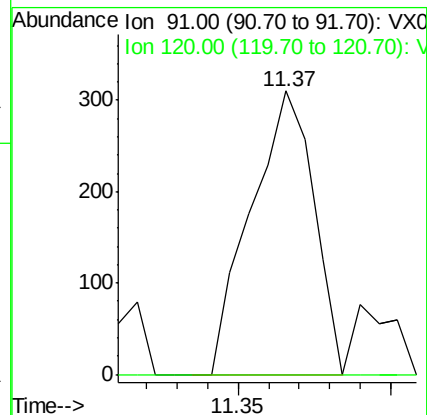
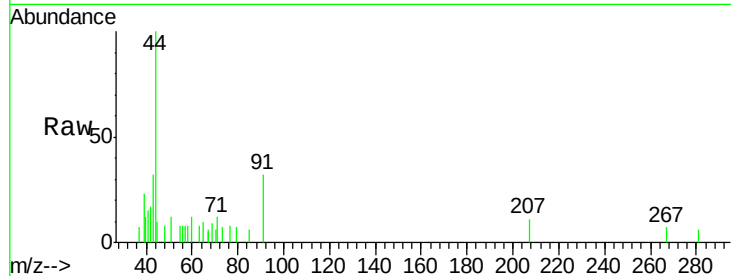
ClientSampleId :

Tot Ion: 91 Resp: 442

Ion Ratio Lower Upper

91 100

120 0.0 11.9 35.7#



#79

2-Chlorotoluene

Concen: 13.92 ug/l

RT: 11.44 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VX002058.D

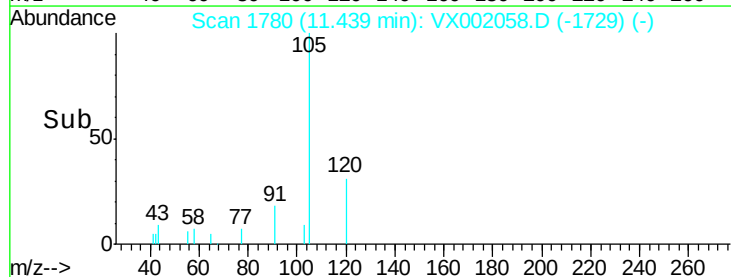
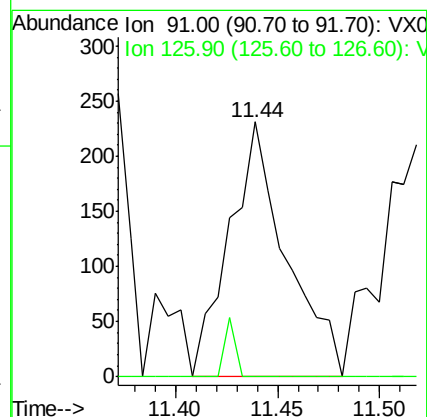
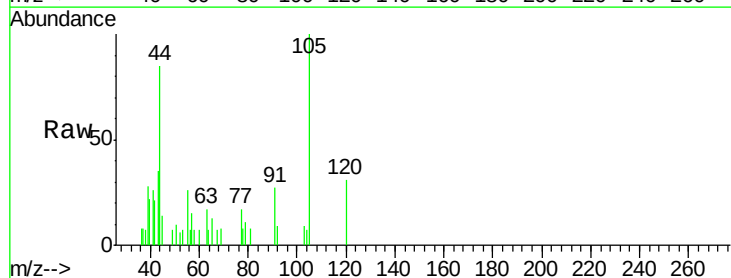
Acq: 27 May 2018 09:36

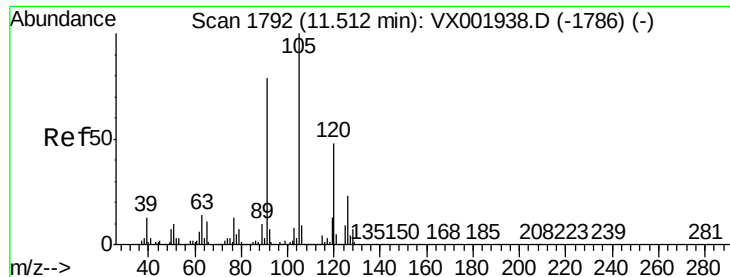
Tgt Ion: 91 Resp: 445

Ion Ratio Lower Upper

91 100

126 4.5 17.4 52.2#





#80

1,3,5-Trimethylbenzene

Concen: 25.87 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

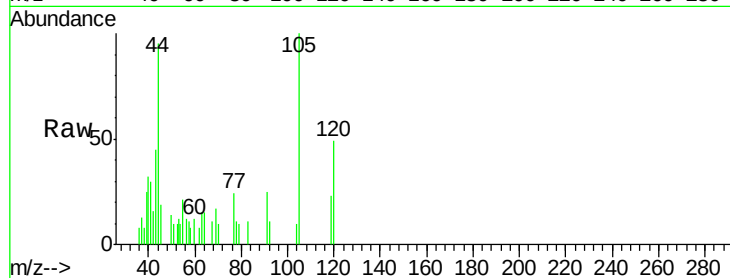
ClientSampled :

Tot Ion:105 Resp: 1028

Ion Ratio Lower Upper

105 100

120 46.1 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.51

800

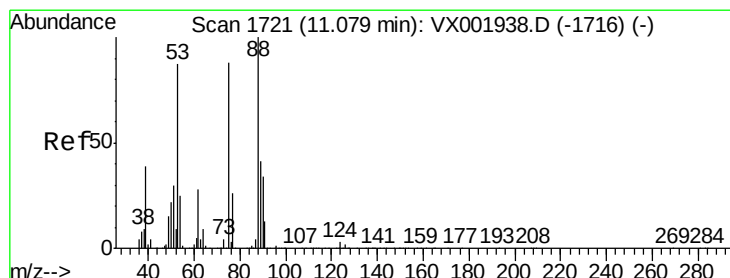
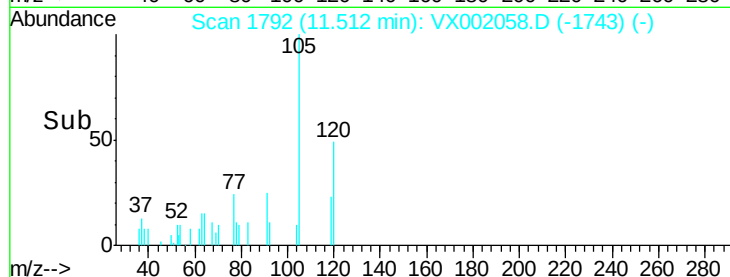
600

400

200

0

Time--> 11.45 11.50 11.55



#81

trans-1,4-Dichloro-2-butene

Concen: 3655.25 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

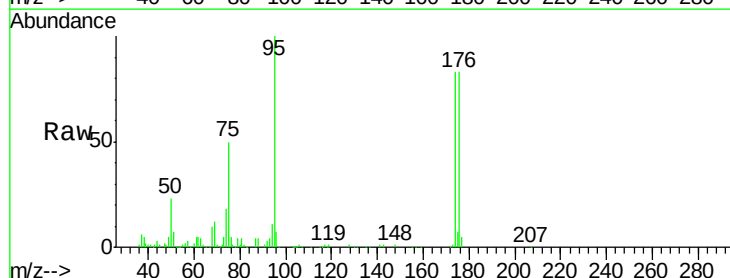
Tgt Ion: 75 Resp: 20055

Ion Ratio Lower Upper

75 100

53 0.8 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

20000

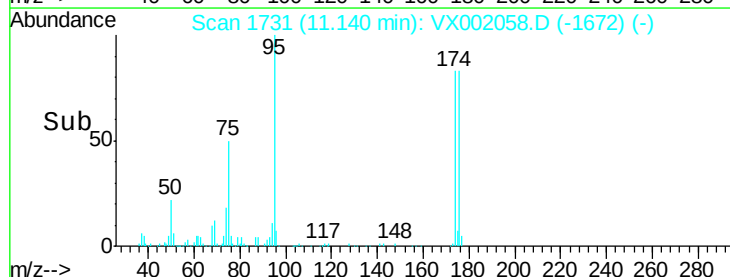
15000

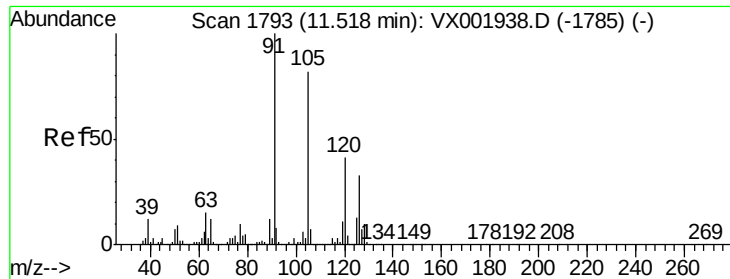
10000

5000

0

Time--> 11.10 11.15 11.20





#82

4-Chlorotoluene

Concen: 10.43 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

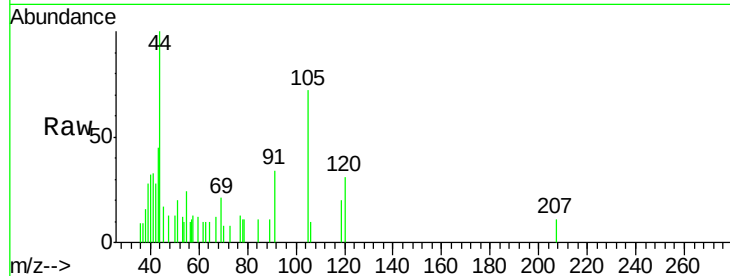
ClientSampled :

Tot Ion: 91 Resp: 383

Ion Ratio Lower Upper

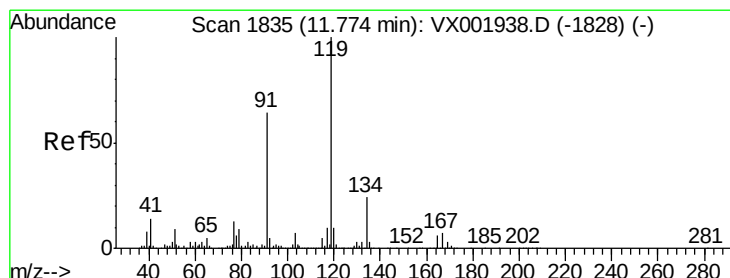
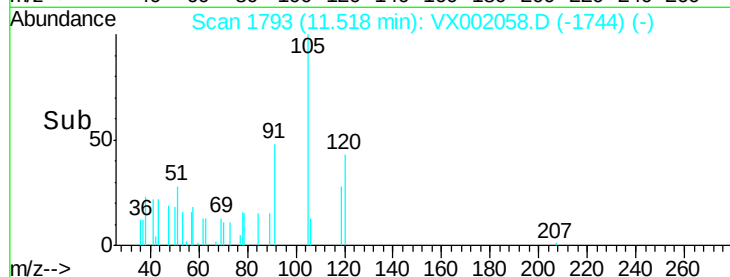
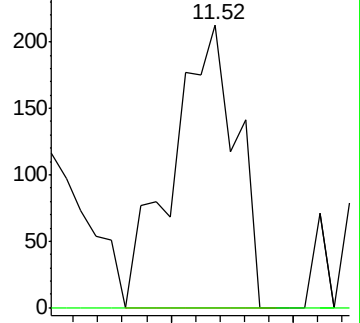
91 100

126 0.0 15.3 45.8#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 1.41 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. 0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

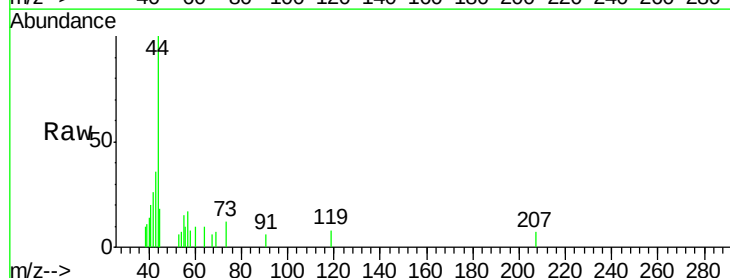
Tgt Ion: 119 Resp: 55

Ion Ratio Lower Upper

119 100

91 0.0 30.6 91.8#

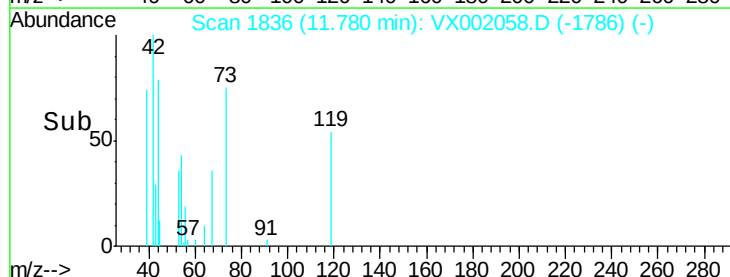
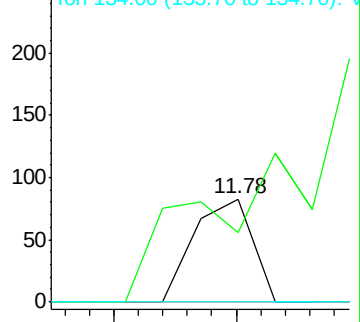
134 0.0 11.7 35.0#

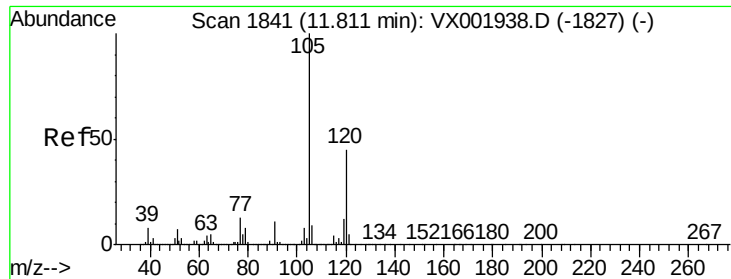


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

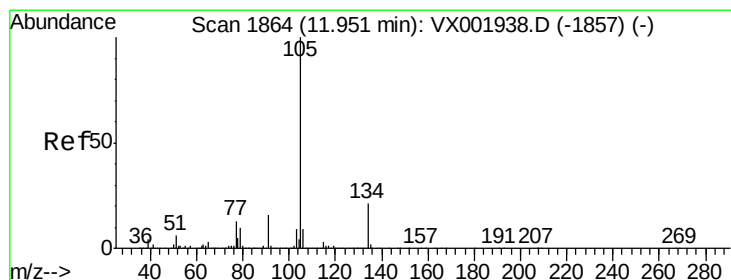
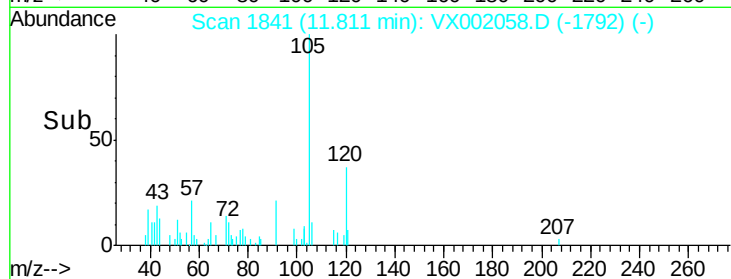
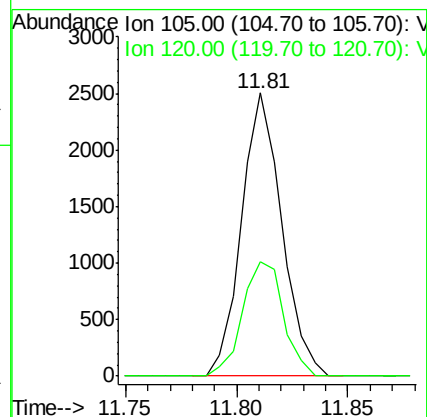
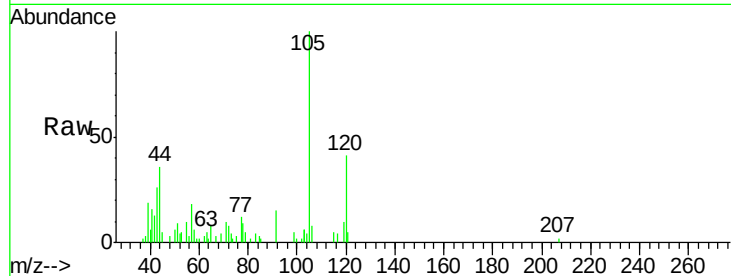




#84
 1,2,4-Trimethylbenzene
 Concen: 76.84 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002058.D
 Acq: 27 May 2018 09:36

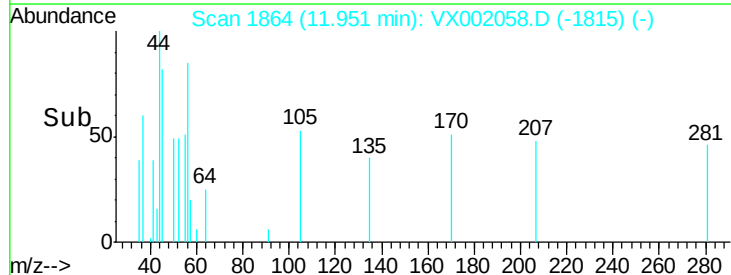
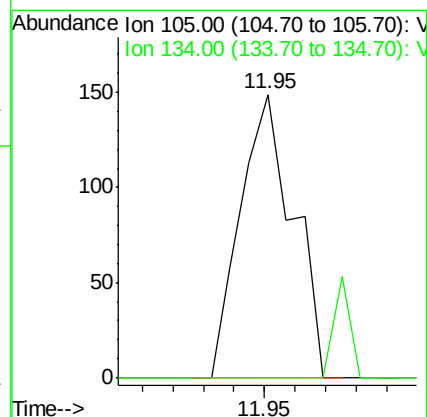
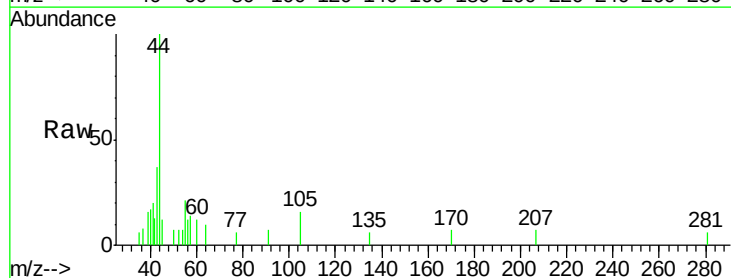
Instrument :
 MSVOA_X
 ClientSampleId :

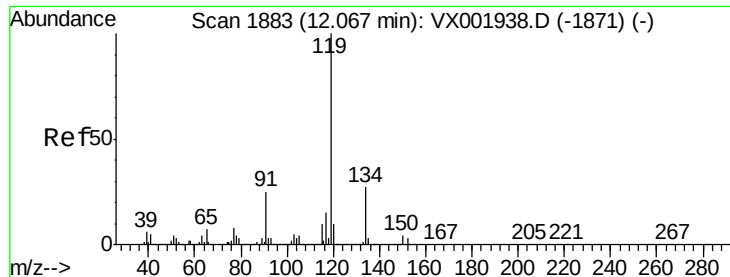
Tot Ion:105 Resp: 3155
 Ion Ratio Lower Upper
 105 100
 120 41.0 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 3.80 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002058.D
 Acq: 27 May 2018 09:36

Tgt Ion:105 Resp: 178
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.4#





#86

p-Isopropyltoluene

Concen: 6.44 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002058.D

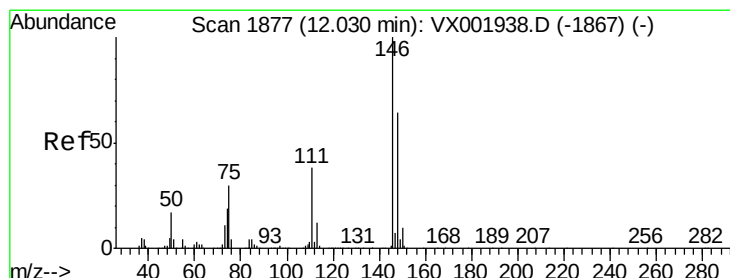
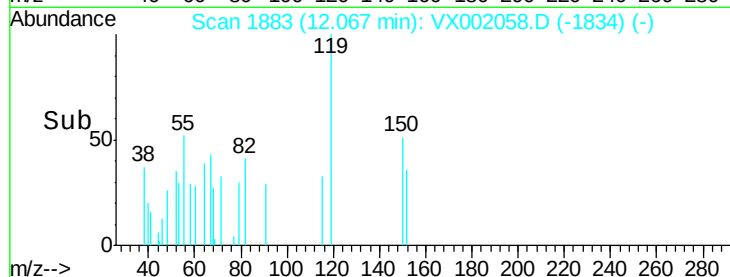
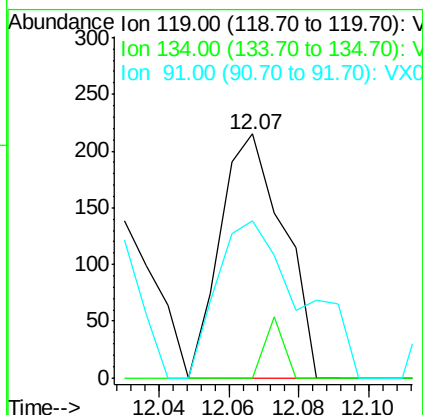
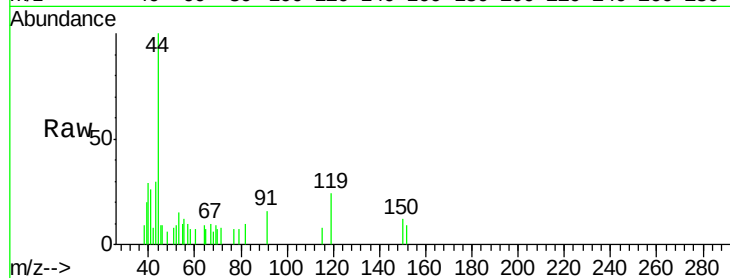
Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	119	Resp:	270
Ion	Ratio	Lower	Upper
119	100		
134	7.4	13.6	40.8#
91	85.9	12.2	36.4#



#87

1,3-Dichlorobenzene

Concen: 1.18 ug/l

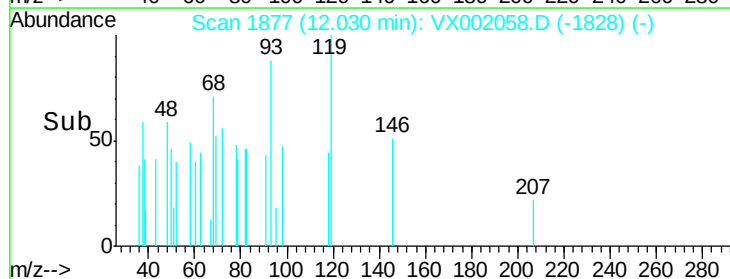
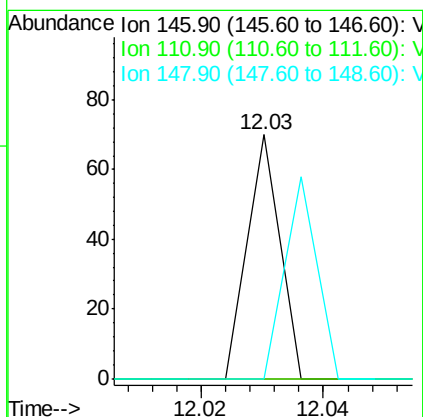
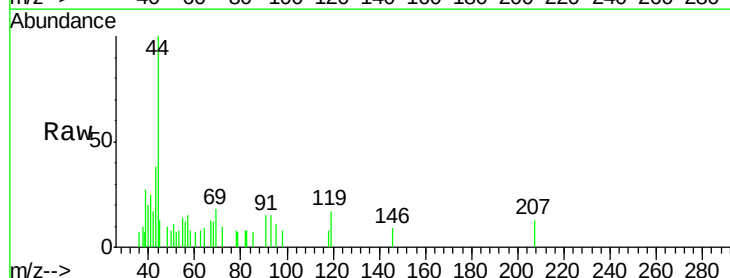
RT: 12.03 min Scan# 1877

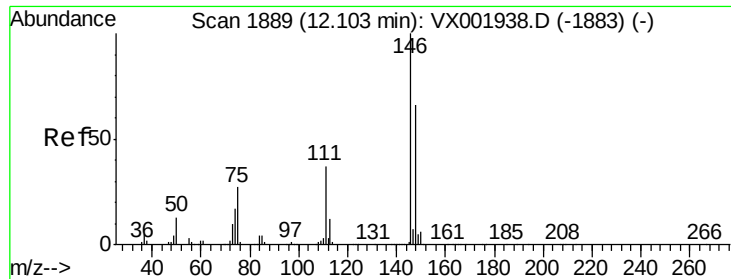
Delta R.T. -0.00 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Tgt Ion:	146	Resp:	26
Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.3	57.8#
148	80.8	32.1	96.3





#88

1,4-Dichlorobenzene

Concen: 4.26 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002058.D

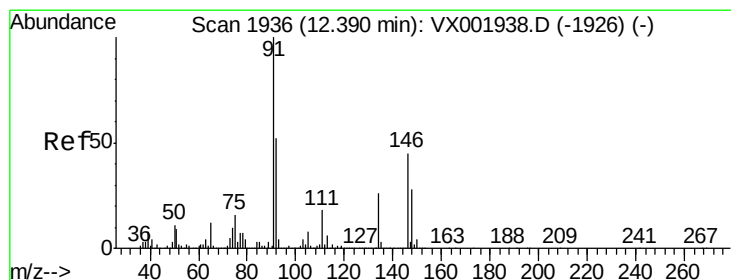
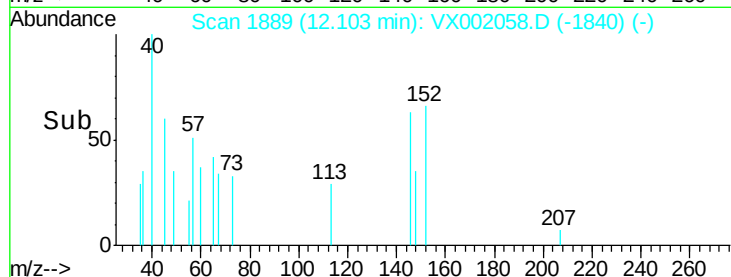
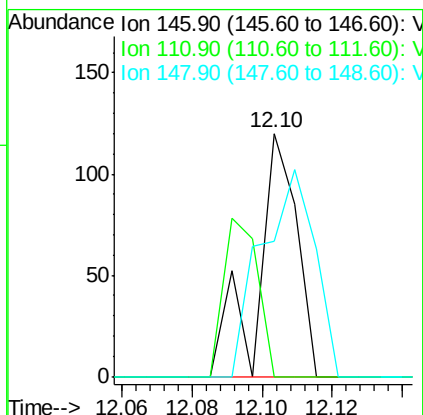
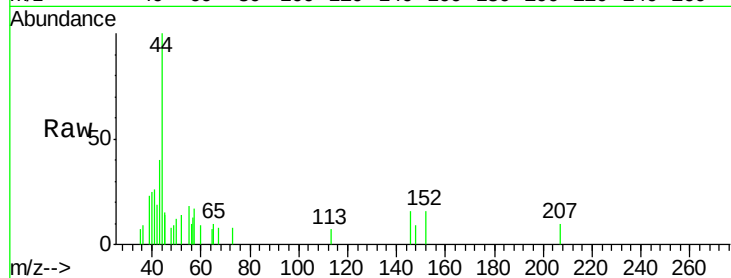
Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	56.4	18.9	56.5
148	114.9	32.3	96.8#



#89

n-Butylbenzene

Concen: 11.37 ug/l

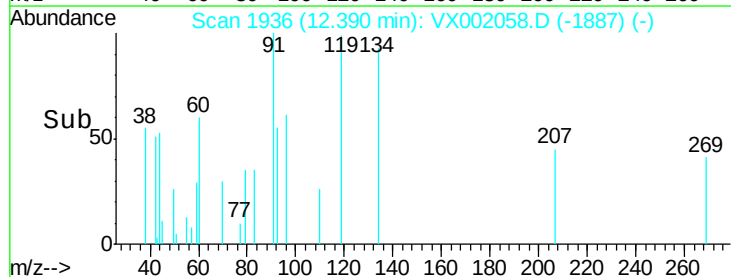
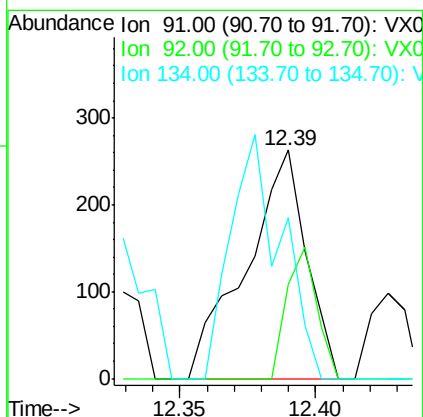
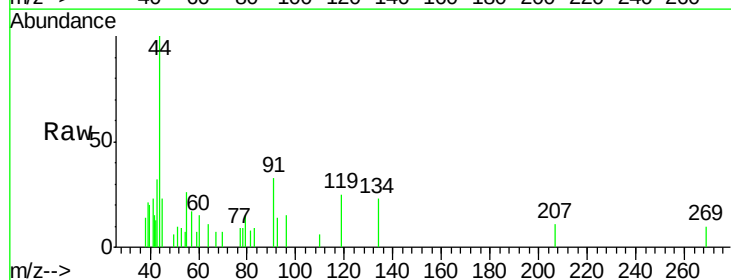
RT: 12.39 min Scan# 1936

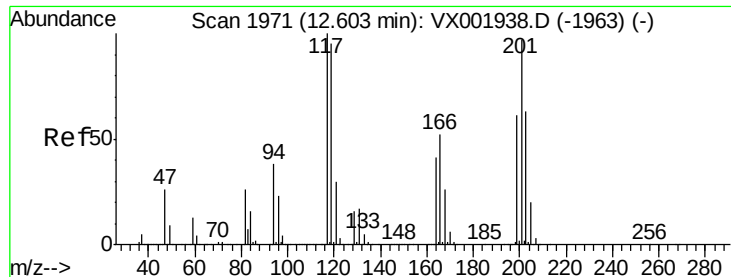
Delta R.T. -0.00 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Tgt Ion	Ratio	Lower	Upper
91	100		
92	28.7	26.3	78.9
134	89.4	13.6	40.7#





#90

Hexachloroethane

Concen: 11.12 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

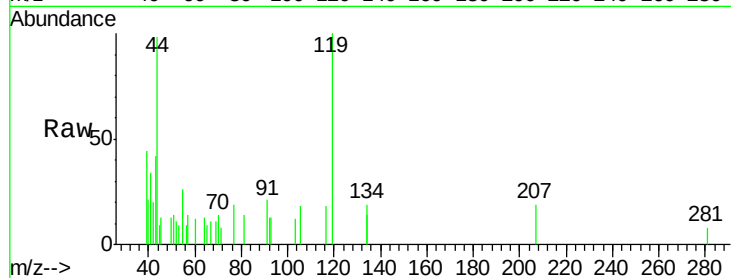
ClientSampled :

Tot Ion:117 Resp: 92

Ion Ratio Lower Upper

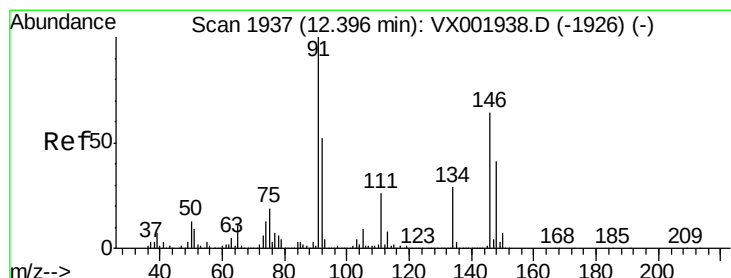
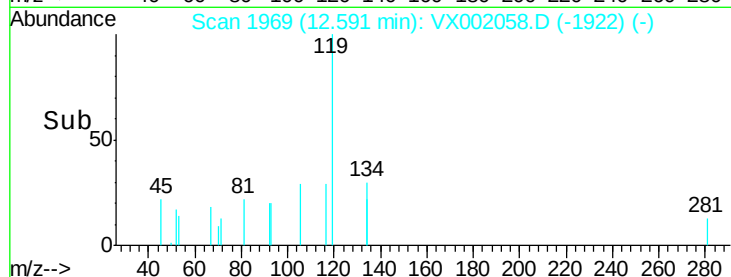
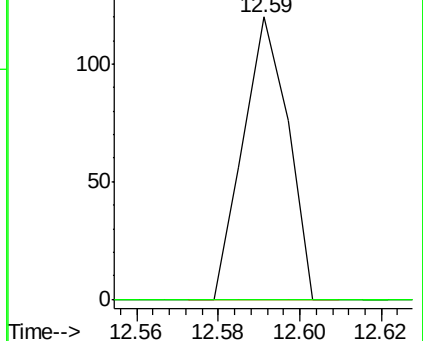
117 100

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: 3.91 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.01 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

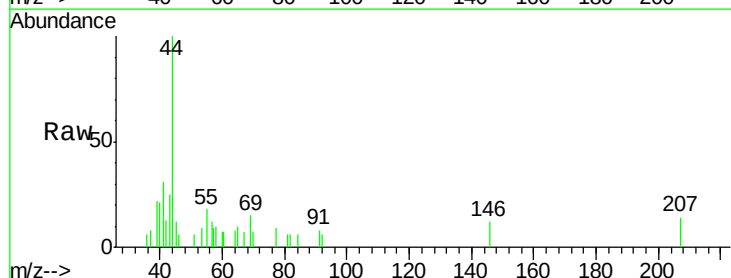
Tgt Ion:146 Resp: 88

Ion Ratio Lower Upper

146 100

111 0.0 19.8 59.3#

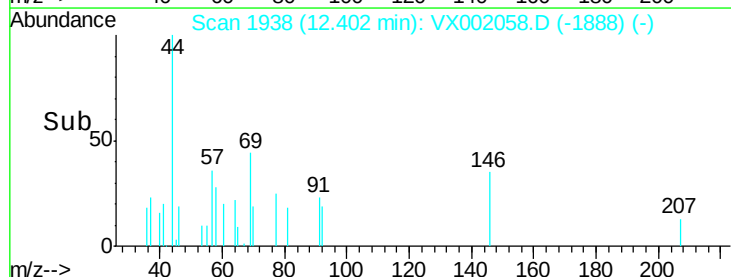
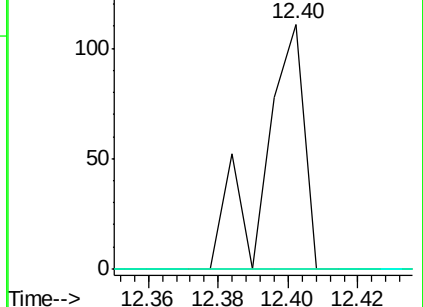
148 0.0 32.1 96.5#

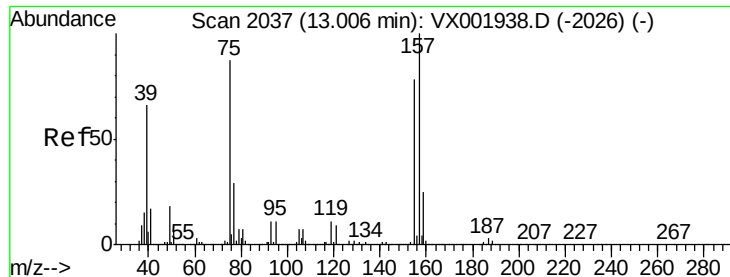


Abundance Ion 145.90 (145.60 to 146.60): V

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: 6.29 ug/l

RT: 13.18 min Scan# 2066

Delta R.T. 0.18 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

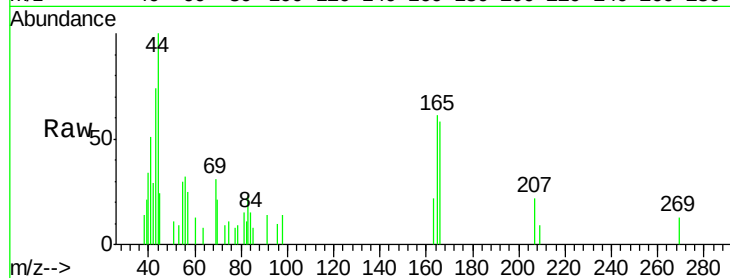
Tot Ion: 75 Resp: 26

Ion Ratio Lower Upper

75 100

155 0.0 45.1 135.2#

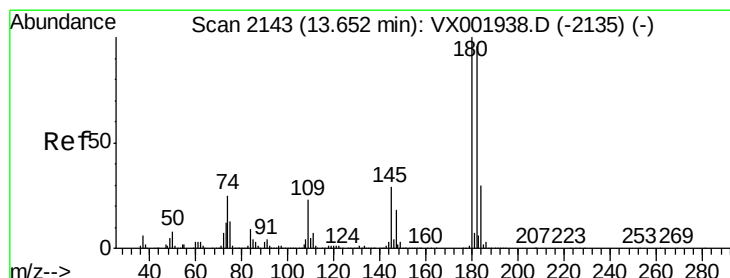
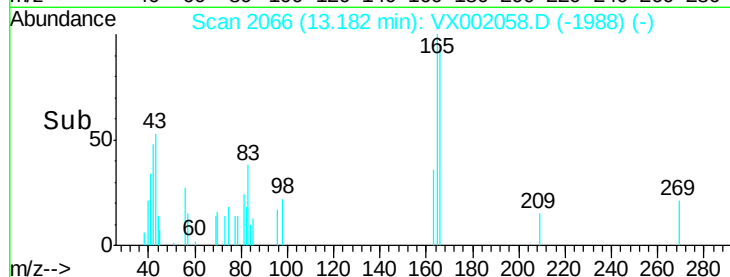
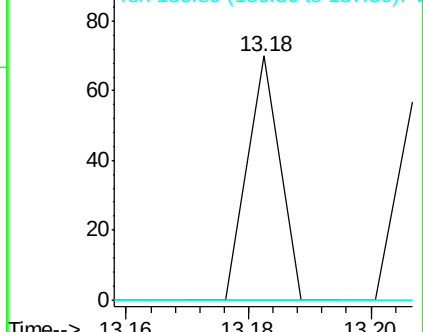
157 0.0 58.1 174.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 5.97 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002058.D

Acq: 27 May 2018 09:36

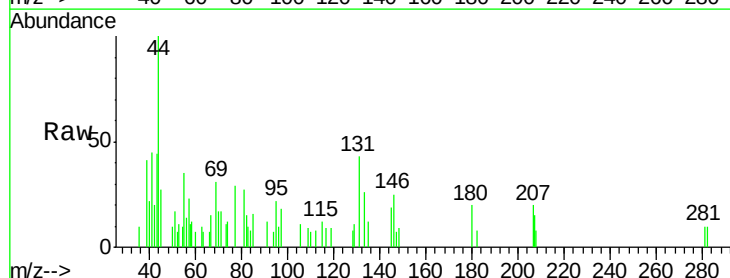
Tgt Ion: 180 Resp: 96

Ion Ratio Lower Upper

180 100

182 92.7 47.7 143.1

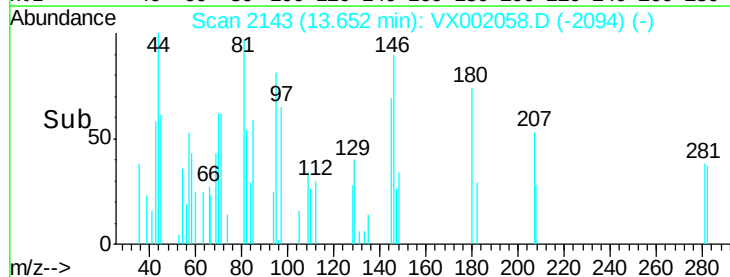
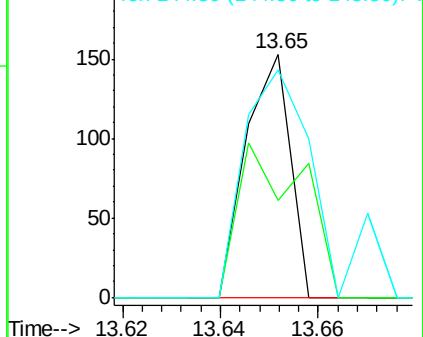
145 156.3 14.4 43.0#

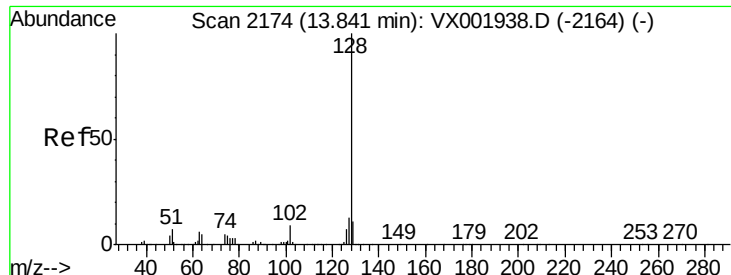


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95
 Naphthalene
 Concen: 2939.86 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: VX002058.D
 Acq: 27 May 2018 09:36

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	11.0	8.8	13.2

