

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002054.D
 Acq On : 27 May 2018 07:50
 Operator : JC/MD
 Sample : J3130-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 00:51:52 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	1350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	1567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	34870	1445.01	ug/l	0.00
Spiked Amount	50.000		Recovery	= 2890.02%		
35) Dibromofluoromethane	5.51	113	24980	1594.12	ug/l	0.00
Spiked Amount	50.000		Recovery	= 3188.24%		
50) Toluene-d8	8.72	98	85922	1514.55	ug/l	0.00
Spiked Amount	50.000		Recovery	= 3029.10%		
62) 4-Bromofluorobenzene	11.14	95	30755	1385.58	ug/l	0.00
Spiked Amount	50.000		Recovery	= 2771.16%		

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	101	4.11	ug/l #	41
3) Chloromethane	1.32	50	895	43.09	ug/l #	72
4) Vinyl Chloride	1.40	62	41	2.04	ug/l #	43
5) Bromomethane	1.65	94	219	23.21	ug/l #	26
6) Chloroethane	1.68	64	24	2.03	ug/l #	43
7) Trichlorofluoromethane	1.93	101	130	4.32	ug/l	95
8) Diethyl Ether	2.19	74	3494	319.73	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	63	3.75	ug/l #	13
10) Methyl Iodide	2.53	142	653	28.72	ug/l #	89
11) Tert butyl alcohol	3.07	59	1890	399.00	ug/l	100
12) 1,1-Dichloroethene	2.39	96	280	17.79	ug/l #	1
13) Acrolein	2.30	56	198	96.68	ug/l #	76
14) Allyl chloride	2.71	41	185	5.60	ug/l #	19
15) Acrylonitrile	3.14	53	98	10.06	ug/l #	68
16) Acetone	2.45	43	16090	1727.69	ug/l	94
17) Carbon Disulfide	2.57	76	735	16.23	ug/l #	94
18) Methyl Acetate	2.78	43	28000	1275.93	ug/l	94
19) Methyl tert-butyl Ether	3.22	73	68	1.15	ug/l #	85
20) Methylene Chloride	2.86	84	82674	5302.21	ug/l	100
21) trans-1,2-Dichloroethene	3.18	96	458	29.24	ug/l #	23
22) Diisopropyl ether	3.88	45	88	1.31	ug/l #	1
23) Vinyl Acetate	3.83	43	134	2.41	ug/l #	74
24) 1,1-Dichloroethane	3.73	63	21	0.66	ug/l #	83
25) 2-Butanone	4.71	43	4901	287.13	ug/l	96
26) 2,2-Dichloropropane	4.69	77	78	2.41	ug/l	90
27) cis-1,2-Dichloroethene	4.60	96	19	0.93	ug/l #	1
28) Bromochloromethane	5.22	49	932	70.33	ug/l #	14
29) Tetrahydrofuran	5.17	42	788	70.96	ug/l #	64
30) Chloroform	5.23	83	7409	206.06	ug/l	84
31) Cyclohexane	5.57	56	143	4.30	ug/l #	52
32) 1,1,1-Trichloroethane	5.49	97	1159	34.58	ug/l #	88
36) 1,1-Dichloropropene	5.76	75	19	0.87	ug/l #	42
37) Ethyl Acetate	4.84	43	147	5.17	ug/l #	36
38) Carbon Tetrachloride	5.67	117	173	6.81	ug/l #	11

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Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 00:51:52 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	7.47	83	260	9.71	ug/l #	66
40) Benzene	6.15	78	245	3.84	ug/l #	6
41) Methacrylonitrile	5.07	41	87	4.56	ug/l #	25
42) 1,2-Dichloroethane	6.40	62	25	0.98	ug/l #	76
43) Isopropyl Acetate	6.48	43	275	5.81	ug/l #	63
44) Trichloroethene	7.22	130	13820	742.68	ug/l	97
45) 1,2-Dichloropropane	7.52	63	18	1.04	ug/l #	45
46) Dibromomethane	7.82	93	21	1.83	ug/l #	1
47) Bromodichloromethane	7.91	83	2000	81.70	ug/l	86
48) Methyl methacrylate	7.78	41	125	5.19	ug/l #	59
51) 4-Methyl-2-Pentanone	8.85	43	195	6.83	ug/l	94
52) Toluene	8.79	92	1030	25.35	ug/l	90
53) t-1,3-Dichloropropene	8.43	75	22	0.78	ug/l #	43
54) cis-1,3-Dichloropropene	9.06	75	53	1.93	ug/l #	28
55) 1,1,2-Trichloroethane	9.23	97	137	8.07	ug/l #	33
56) Ethyl methacrylate	9.18	69	23	0.79	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.33	63	45	3.48	ug/l #	48
59) 2-Hexanone	9.51	43	1351	61.39	ug/l	93
60) Dibromochloromethane	9.59	129	492	24.47	ug/l	95
64) Tetrachloroethene	9.34	164	145	10.74	ug/l #	82
65) Chlorobenzene	10.15	112	259	8.68	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	10.22	131	114	9.46	ug/l #	32
67) Ethyl Benzene	10.26	91	5913	114.03	ug/l	95
68) m/p-Xylenes	10.36	106	11749	592.73	ug/l	99
69) o-Xylene	10.70	106	5367	271.17	ug/l	98
70) Styrene	10.71	104	564	17.18	ug/l #	1
73) Isopropylbenzene	11.02	105	560	8.48	ug/l	85
74) N-amyl acetate	6.48	43	275	5.20	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	11.28	83	53	1.71	ug/l #	25
76) 1,2,3-Trichloropropane	11.14	75	15972	852.51	ug/l #	34
77) Bromobenzene	11.26	156	19	1.08	ug/l #	1
78) n-propylbenzene	11.37	91	782	10.57	ug/l	92
79) 2-Chlorotoluene	11.51	91	470	9.72	ug/l	71
80) 1,3,5-Trimethylbenzene	11.51	105	1370	24.27	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	15972	2048.95	ug/l #	11
82) 4-Chlorotoluene	11.51	91	470	9.01	ug/l	78
83) tert-Butylbenzene	11.77	119	79	1.43	ug/l #	1
84) 1,2,4-Trimethylbenzene	11.81	105	3643	62.45	ug/l	94
85) sec-Butylbenzene	11.95	105	382	5.74	ug/l #	55
86) p-Isopropyltoluene	12.07	119	1008	16.92	ug/l #	78
87) 1,3-Dichlorobenzene	12.03	146	201	6.40	ug/l #	72
88) 1,4-Dichlorobenzene	12.10	146	174	5.55	ug/l #	59
89) n-Butylbenzene	12.39	91	699	13.85	ug/l #	51
90) Hexachloroethane	12.60	117	148	12.59	ug/l #	2
91) 1,2-Dichlorobenzene	12.39	146	203	6.35	ug/l #	43
92) 1,2-Dibromo-3-Chloropropan	13.02	75	107	18.22	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	312	13.64	ug/l #	79
94) Hexachlorobutadiene	13.79	225	24	1.95	ug/l #	19
95) Naphthalene	13.84	128	688182	9768.83	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	203	8.58	ug/l #	69

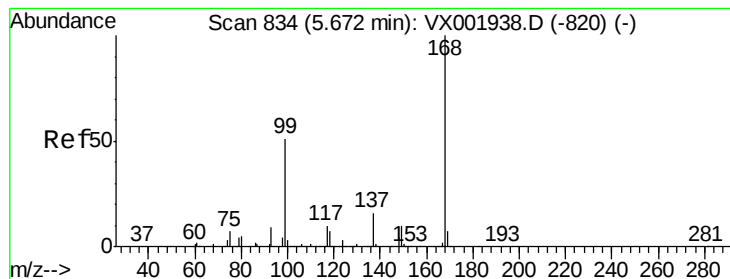
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

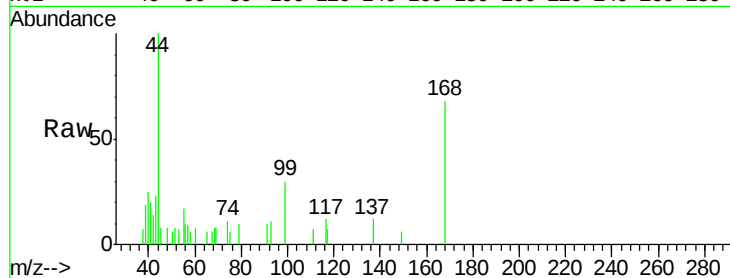
ClientSampleId :

Tot Ion:168 Resp: 1350

Ion Ratio Lower Upper

168 100

99 44.6 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

600

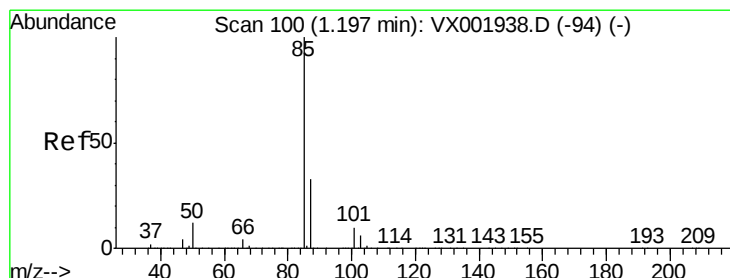
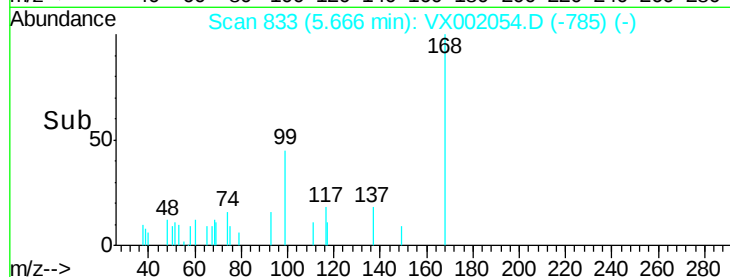
400

200

0

5.60 5.65 5.70 5.75

Time-->



#2

Dichlorodifluoromethane

Concen: 4.11 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002054.D

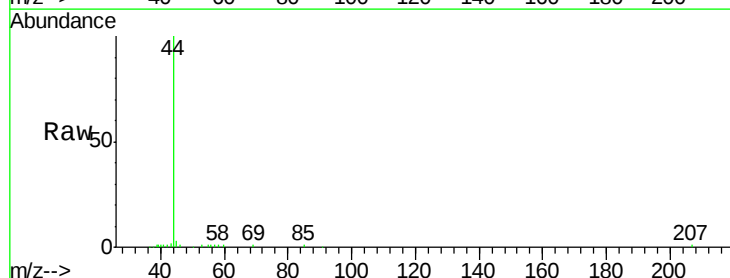
Acq: 27 May 2018 07:50

Tgt Ion: 85 Resp: 101

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

1.20

150

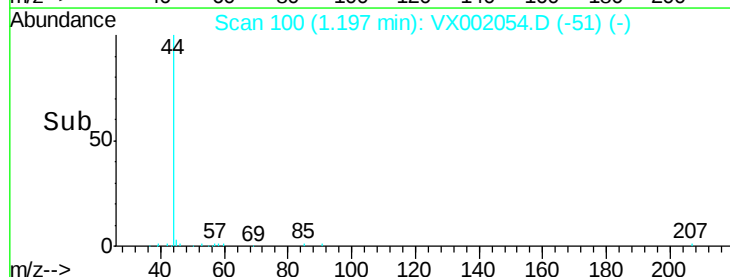
100

50

0

1.18 1.20 1.22

Time-->





#3

Chloromethane

Concen: 43.09 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

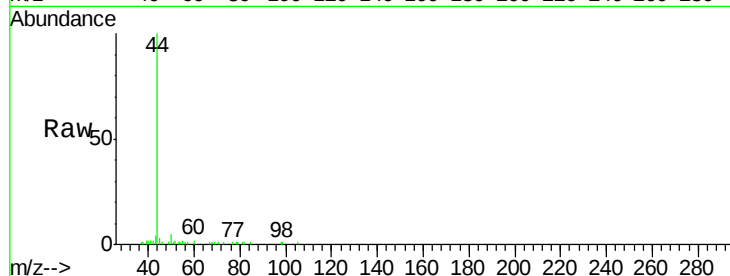
ClientSampled :

Tot Ion: 50 Resp: 895

Ion Ratio Lower Upper

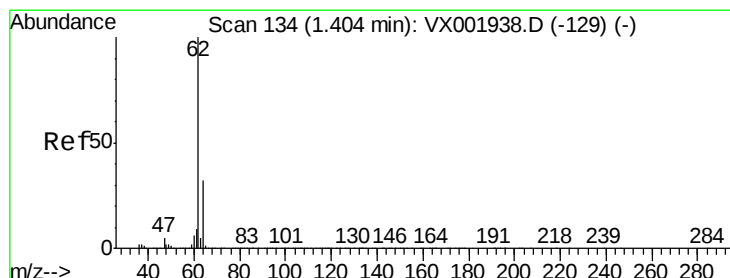
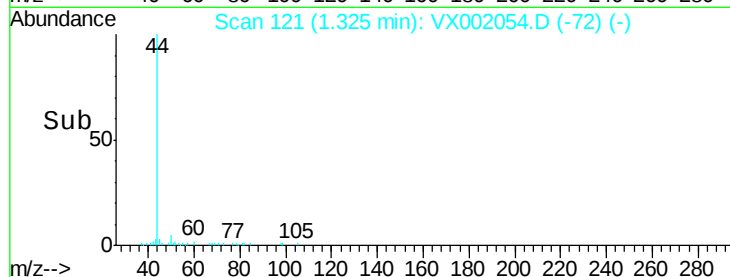
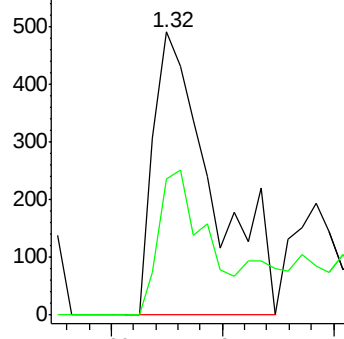
50 100

52 48.2 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: 2.04 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002054.D

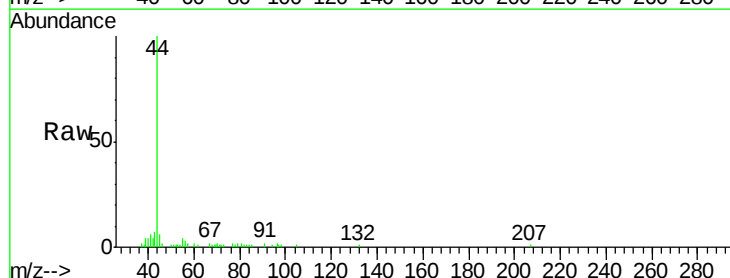
Acq: 27 May 2018 07:50

Tgt Ion: 62 Resp: 41

Ion Ratio Lower Upper

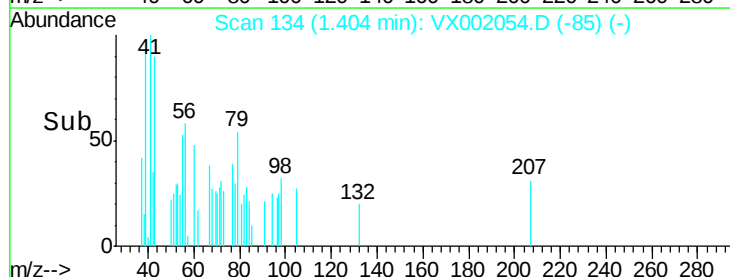
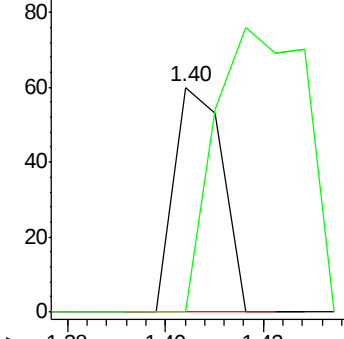
62 100

64 0.0 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: 23.21 ug/l

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

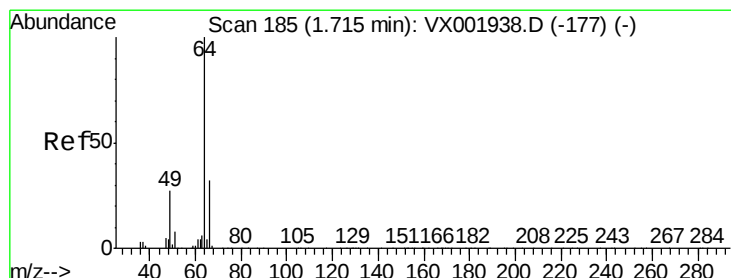
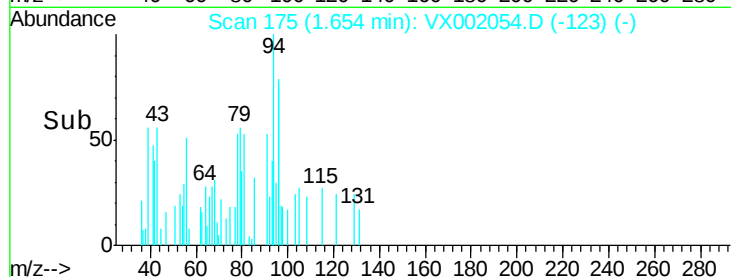
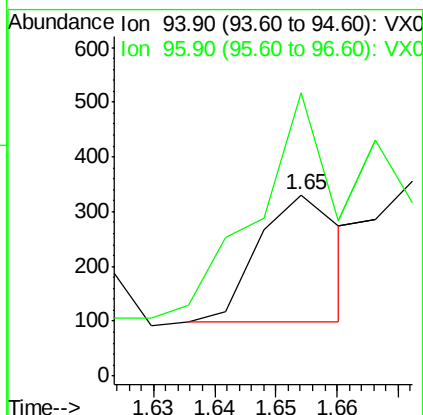
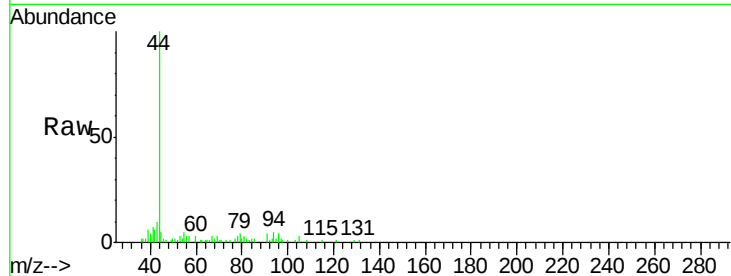
ClientSampled :

Tot Ion: 94 Resp: 219

Ion Ratio Lower Upper

94 100

96 167.0 75.9 113.9#



#6

Chloroethane

Concen: 2.03 ug/l

RT: 1.68 min Scan# 179

Delta R.T. -0.04 min

Lab File: VX002054.D

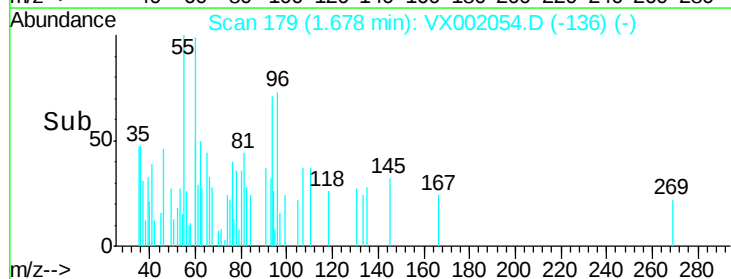
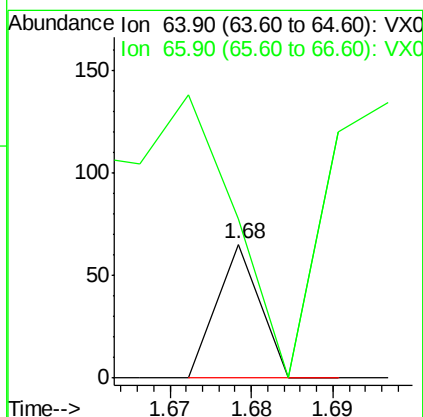
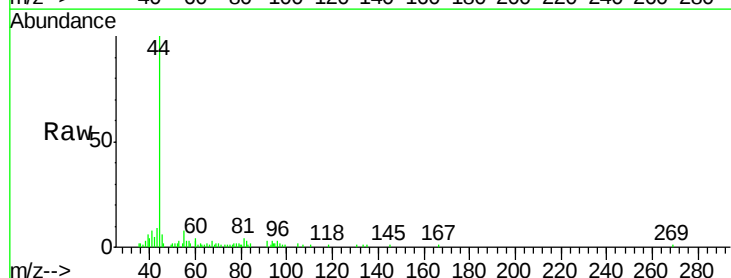
Acq: 27 May 2018 07:50

Tgt Ion: 64 Resp: 24

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



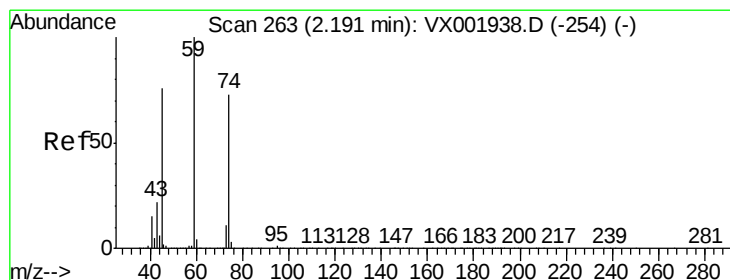
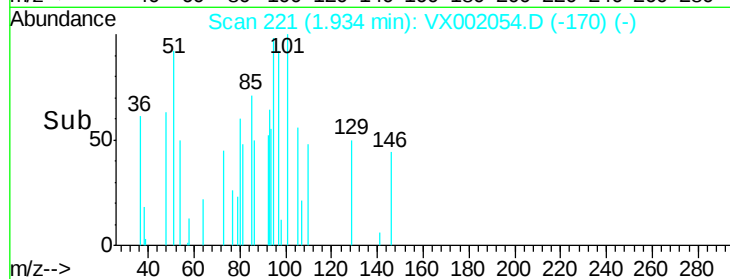
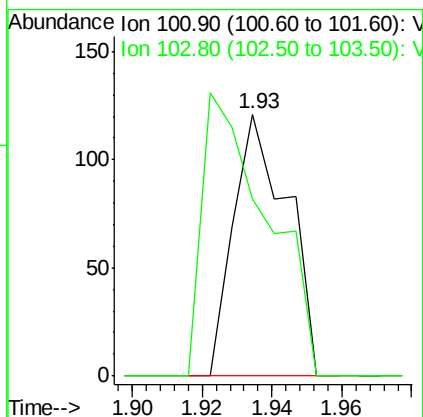
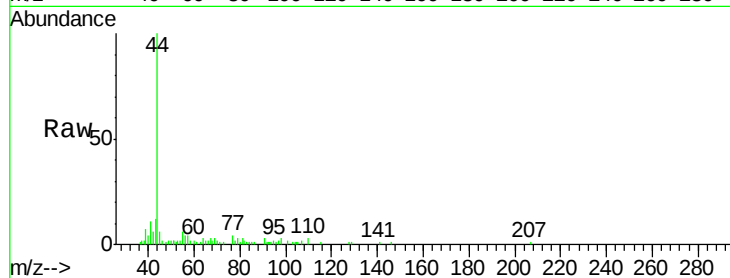


#7

Trichlorofluoromethane
Concen: 4.32 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

Instrument :
MSVOA_X
ClientSampled :

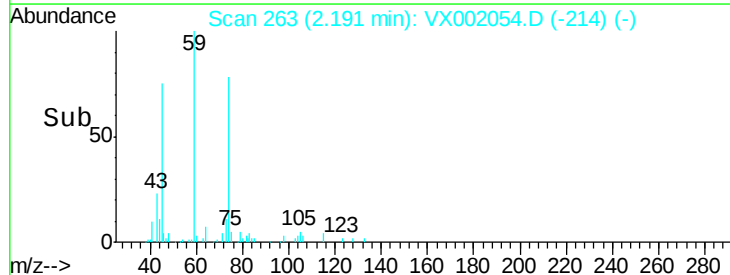
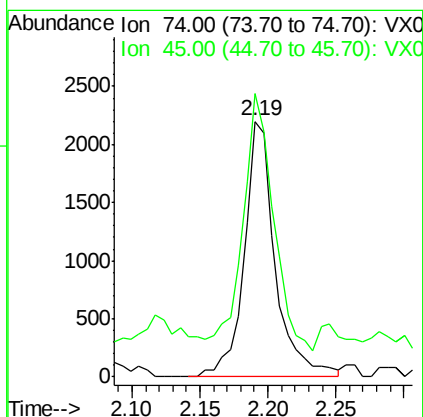
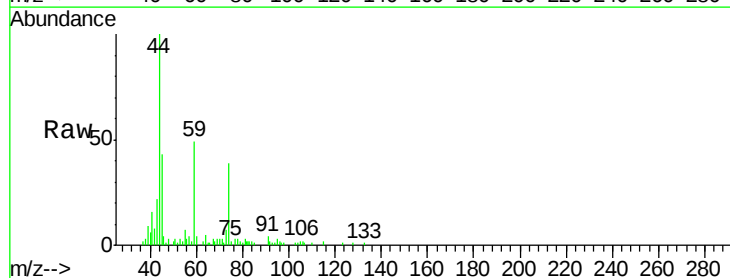
Tot Ion:101 Resp: 130
Ion Ratio Lower Upper
101 100
103 67.8 51.4 77.0



#8

Diethyl Ether
Concen: 319.73 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

Tgt Ion: 74 Resp: 3494
Ion Ratio Lower Upper
74 100
45 99.7 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.75 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX002054.D

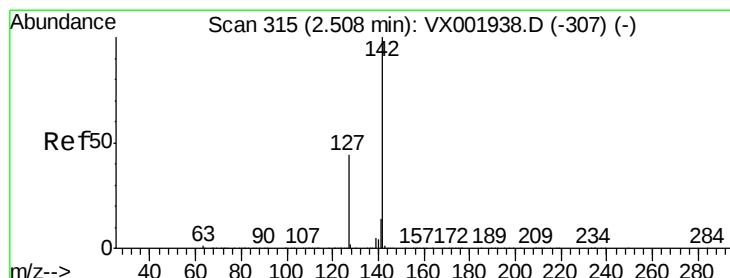
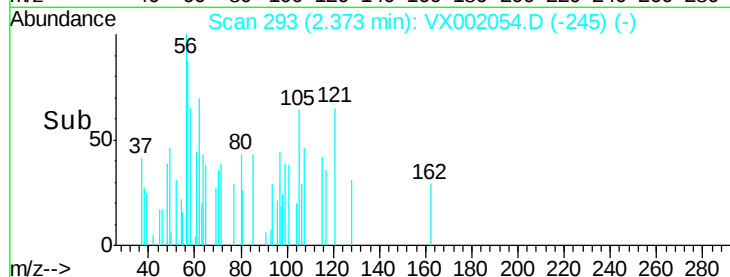
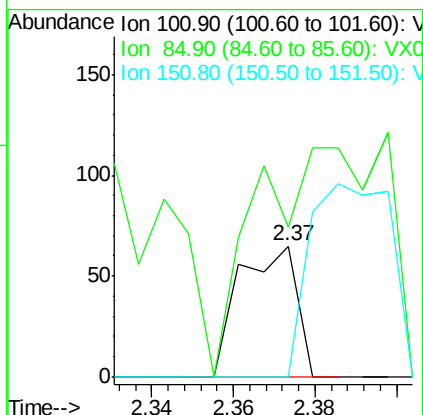
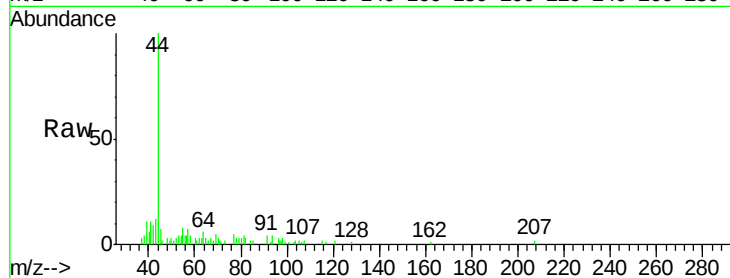
Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	101	Resp:	63
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.6	53.4#
151	0.0	73.2	109.8#



#10

Methyl Iodide

Concen: 28.72 ug/l

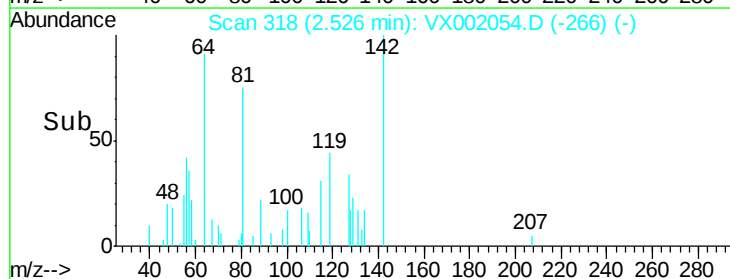
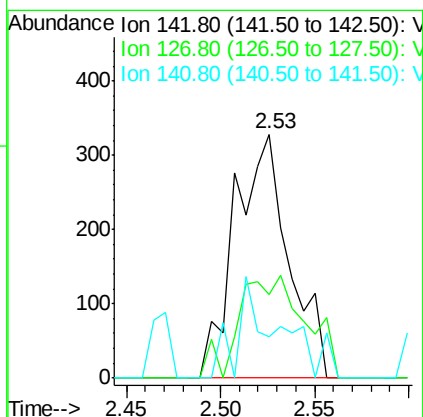
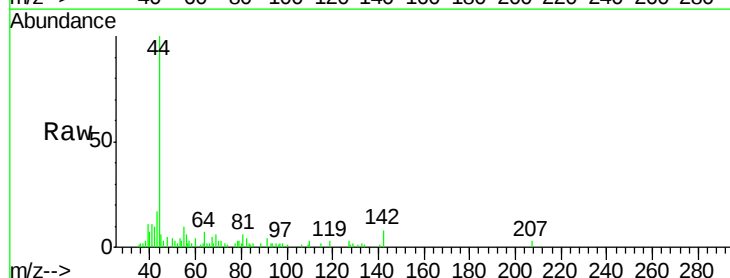
RT: 2.53 min Scan# 318

Delta R.T. 0.02 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Tgt Ion:	142	Resp:	653
Ion	Ratio	Lower	Upper
142	100		
127	51.9	35.5	53.3
141	18.5	11.3	16.9#



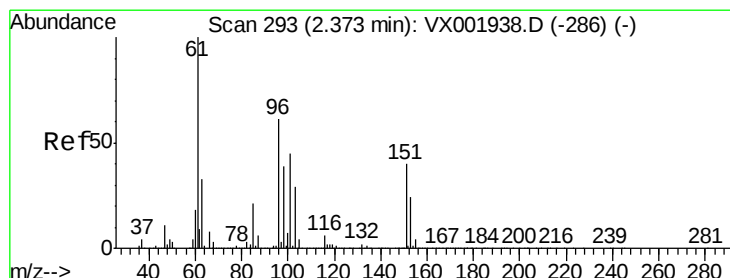
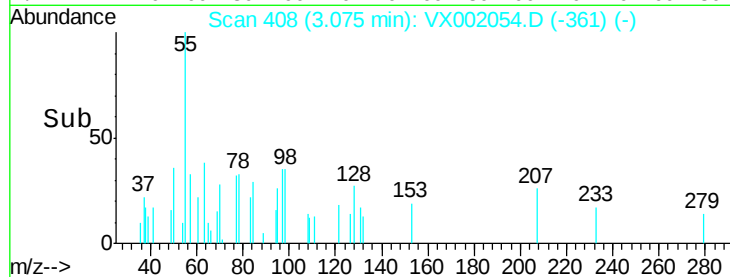
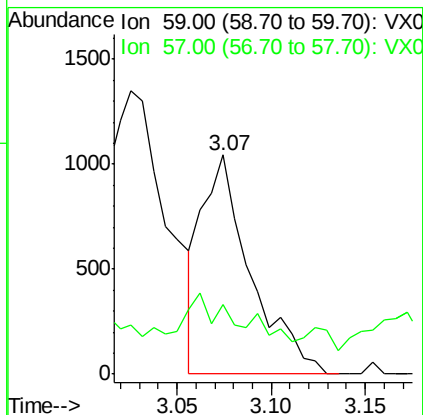
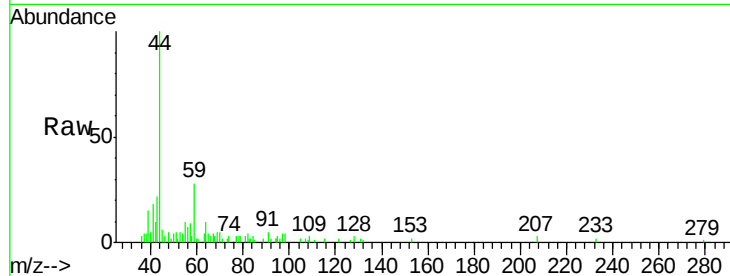


#11

Tert butyl alcohol
Concen: 399.00 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

Instrument :
MSVOA_X
ClientSampled :

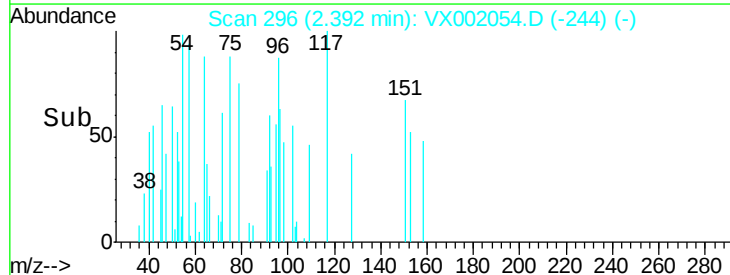
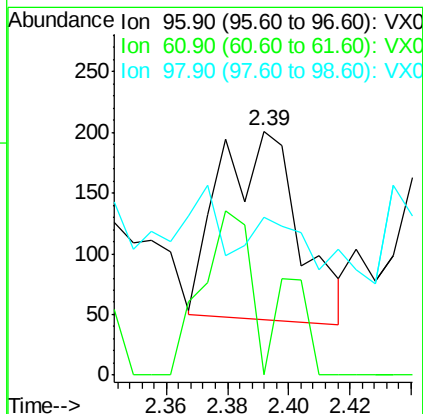
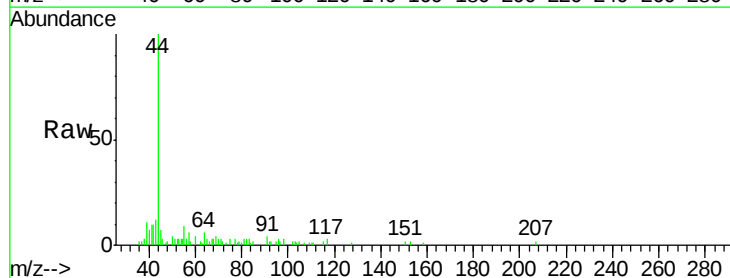
Tot Ion: 59 Resp: 1890
Ion Ratio Lower Upper
59 100
57 11.2 8.9 13.3



#12

1,1-Dichloroethene
Concen: 17.79 ug/l
RT: 2.39 min Scan# 296
Delta R.T. 0.02 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

Tgt Ion: 96 Resp: 280
Ion Ratio Lower Upper
96 100
61 0.0 131.7 197.5#
98 17.6 51.6 77.4#





#13

Acrolein

Concen: 96.68 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

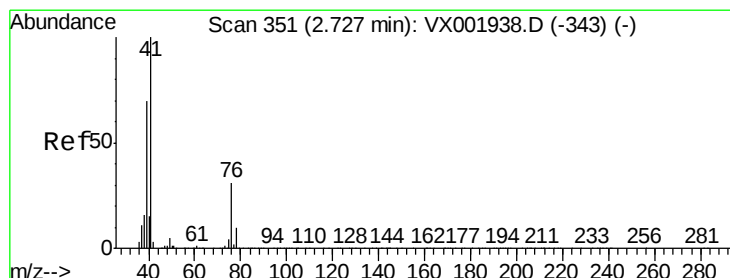
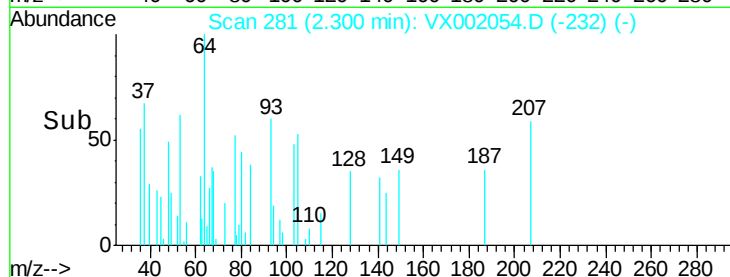
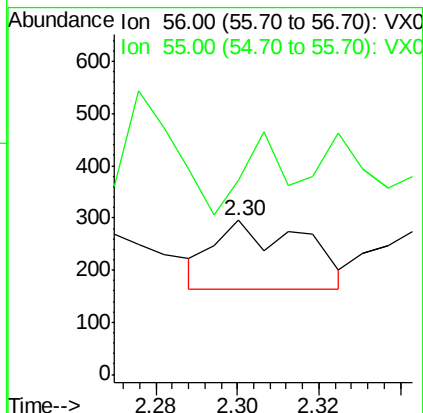
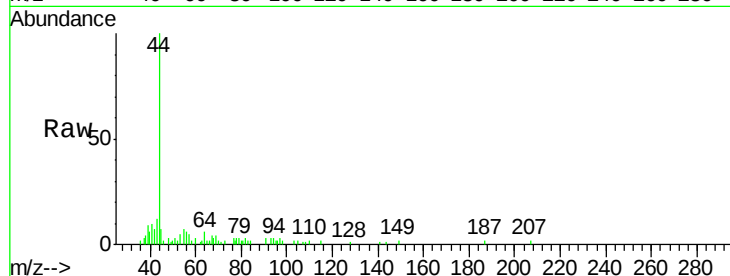
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 198

Ion Ratio Lower Upper

56 100

55 51.5 56.8 85.2#



#14

Allyl chloride

Concen: 5.60 ug/l

RT: 2.71 min Scan# 349

Delta R.T. -0.01 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

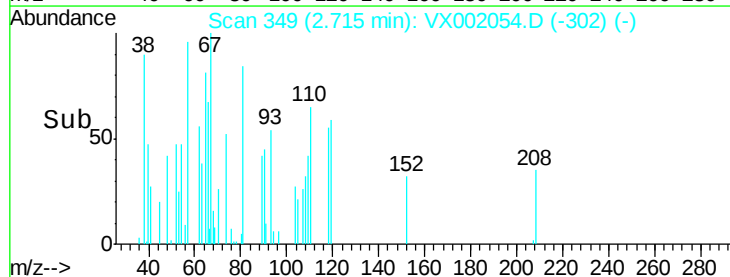
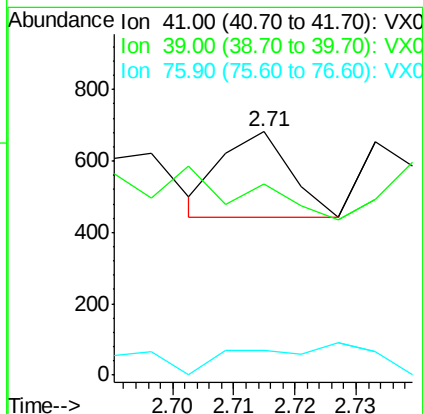
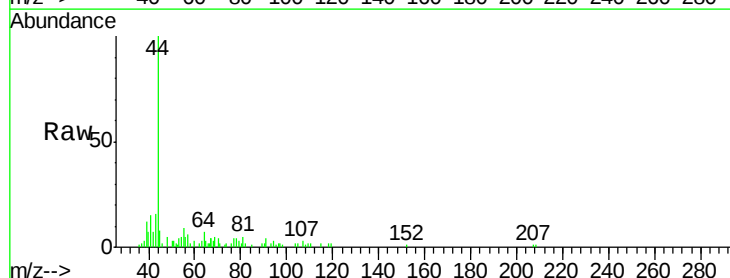
Tgt Ion: 41 Resp: 185

Ion Ratio Lower Upper

41 100

39 0.0 54.3 81.5#

76 69.7 24.2 36.4#





#15

Acrylonitrile

Concen: 10.06 ug/l

RT: 3.14 min Scan# 418

Delta R.T. -0.02 min

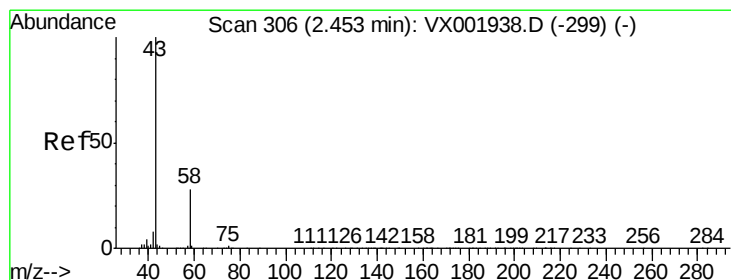
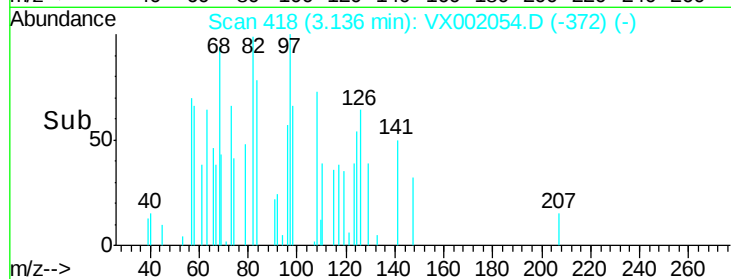
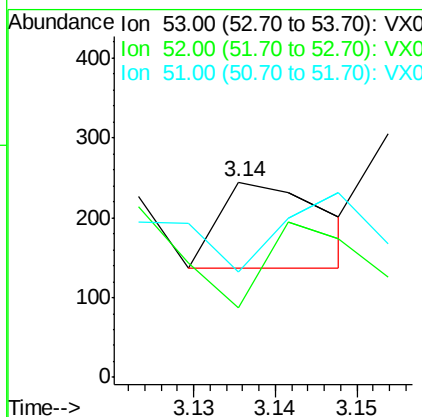
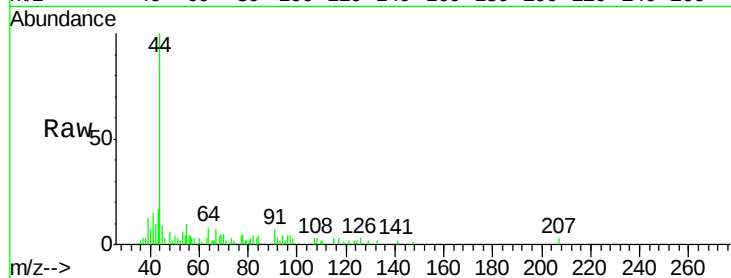
Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 53 Resp: 98

Ion	Ratio	Lower	Upper
53	100		
52	100.0	66.4	99.6#
51	0.0	29.3	43.9#



#16

Acetone

Concen: 1727.69 ug/l

RT: 2.45 min Scan# 305

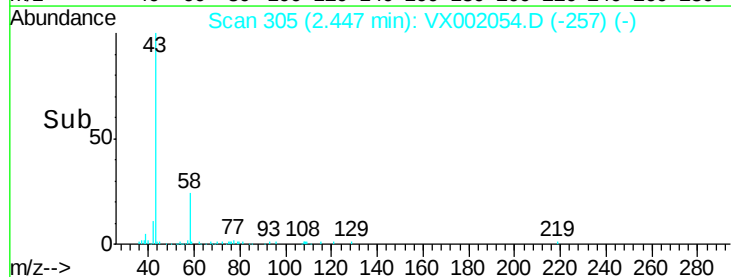
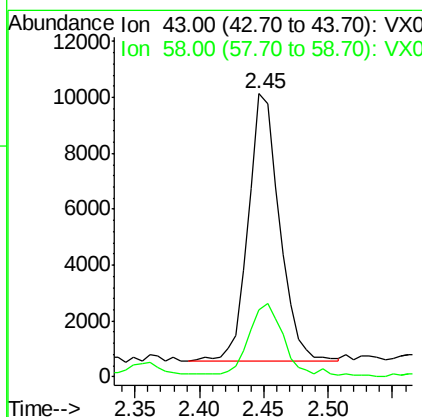
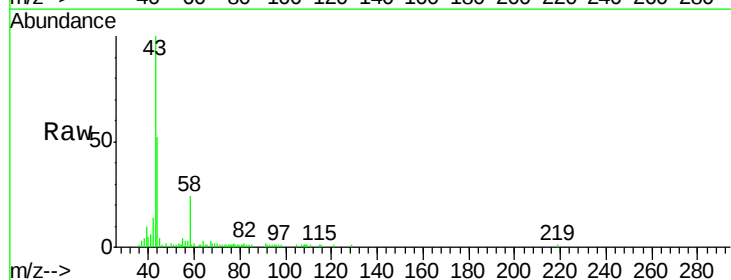
Delta R.T. -0.01 min

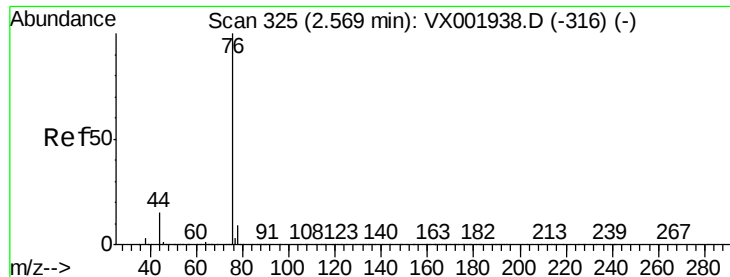
Lab File: VX002054.D

Acq: 27 May 2018 07:50

Tgt Ion: 43 Resp: 16090

Ion	Ratio	Lower	Upper
43	100		
58	24.7	22.3	33.5

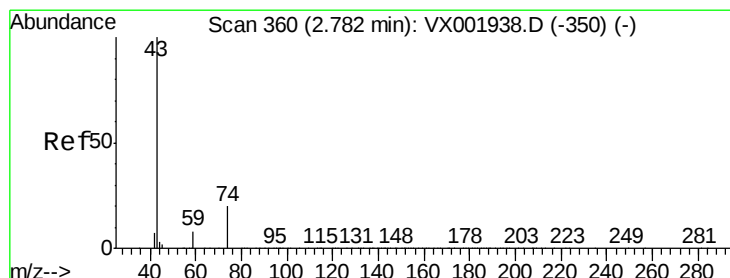
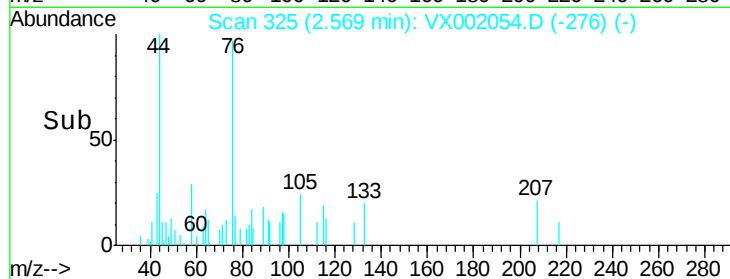
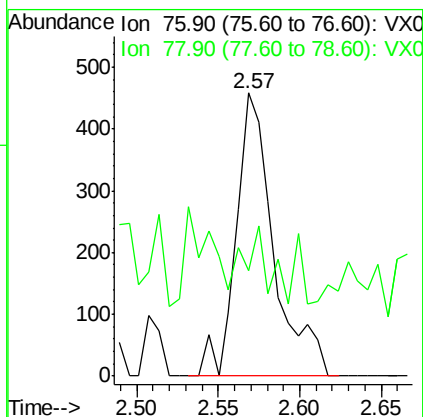
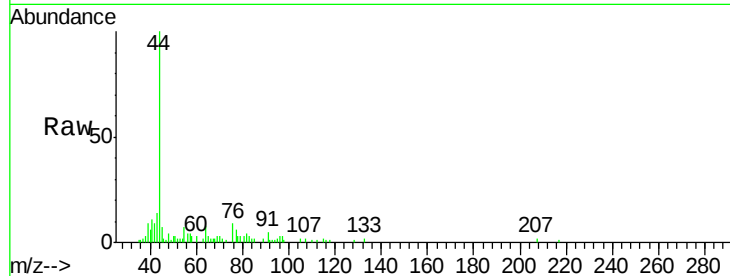




#17
Carbon Disulfide
Concen: 16.23 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

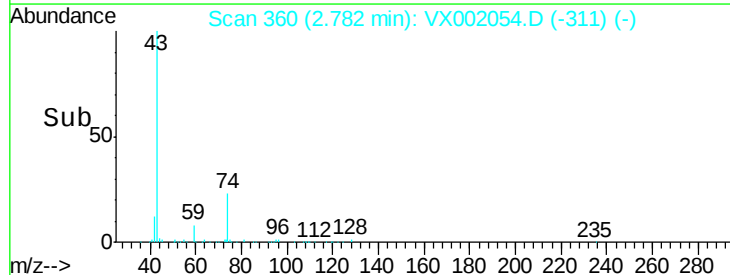
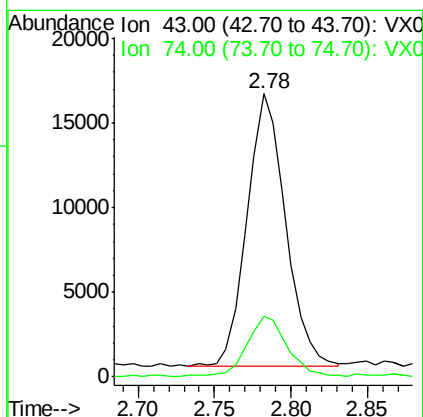
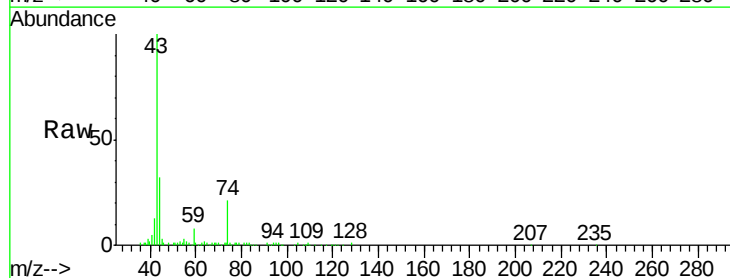
Instrument :
MSVOA_X
ClientSampled :

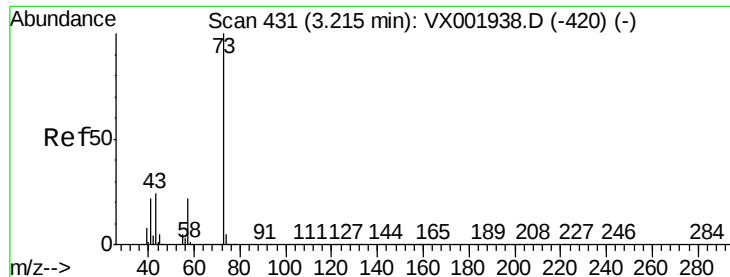
Tot Ion: 76 Resp: 735
Ion Ratio Lower Upper
76 100
78 7.0 7.4 11.2#



#18
Methyl Acetate
Concen: 1275.93 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

Tgt Ion: 43 Resp: 28000
Ion Ratio Lower Upper
43 100
74 23.7 16.8 25.2



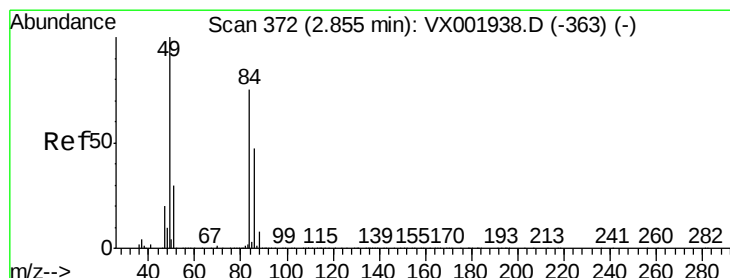
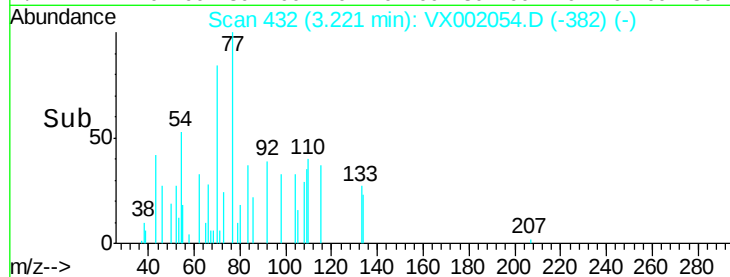
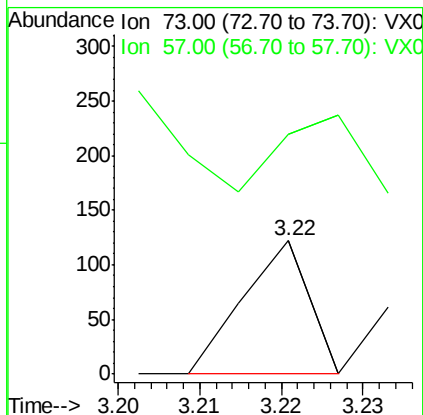
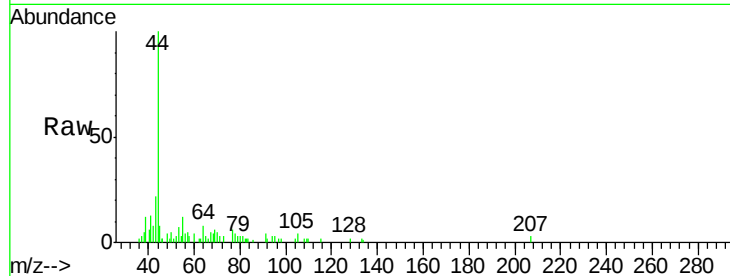


#19

Methvl tert-butvl Ether
Concen: 1.15 ug/l
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

Instrument :
MSVOA_X
ClientSampled :

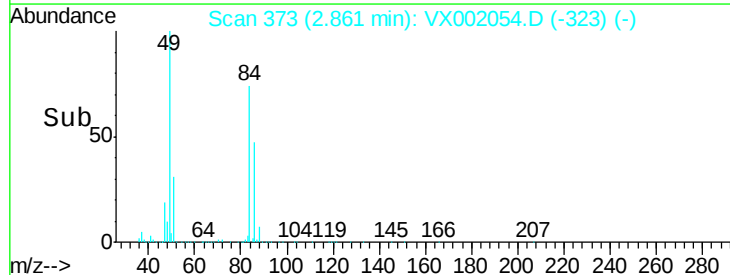
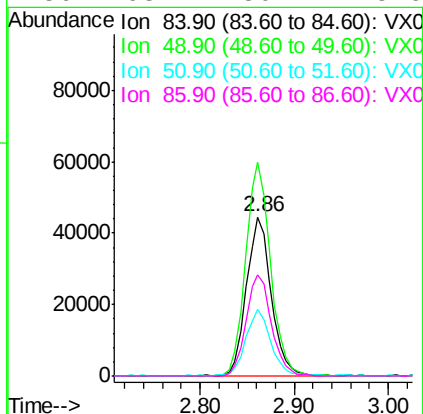
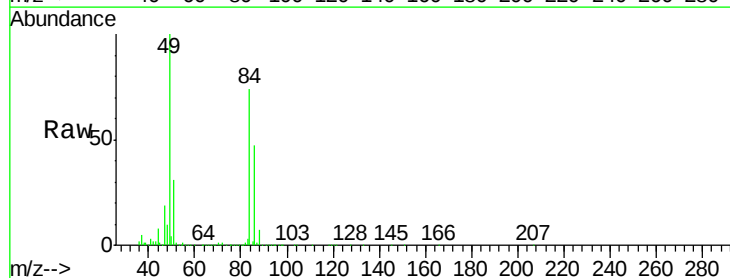
Tot Ion: 73 Resp: 68
Ion Ratio Lower Upper
73 100
57 14.8 17.4 26.0#

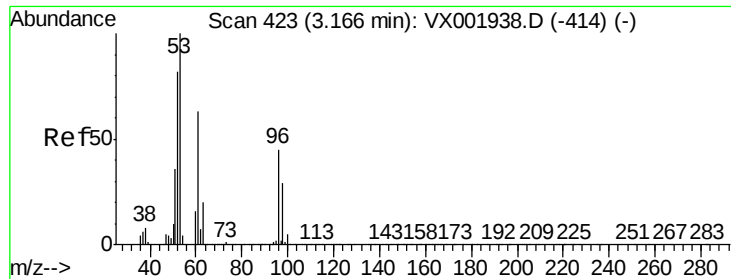


#20

Methylene Chloride
Concen: 5302.21 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

Tgt Ion: 84 Resp: 82674
Ion Ratio Lower Upper
84 100
49 134.3 107.2 160.8
51 41.1 32.4 48.6
86 63.1 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 29.24 ug/l

RT: 3.18 min Scan# 426

Delta R.T. 0.02 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :
MSVOA_X
ClientSampleId :

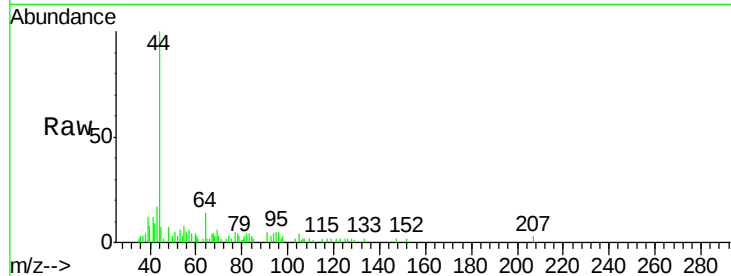
Tot Ion: 96 Resp: 458

Ion Ratio Lower Upper

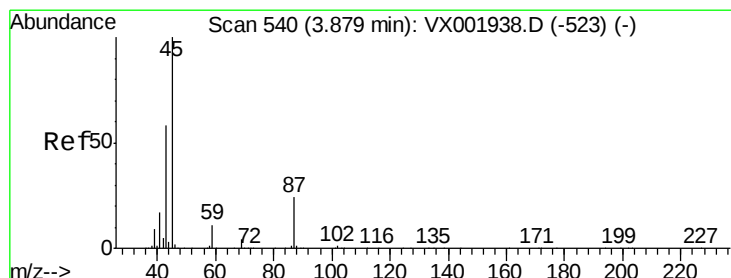
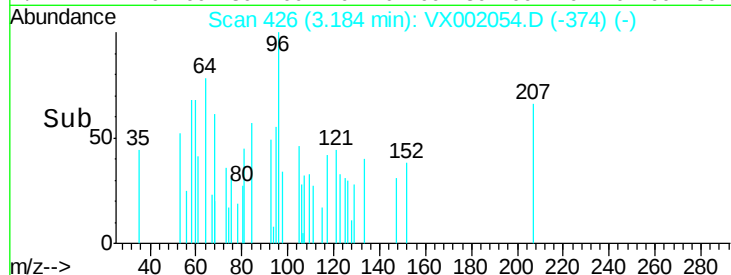
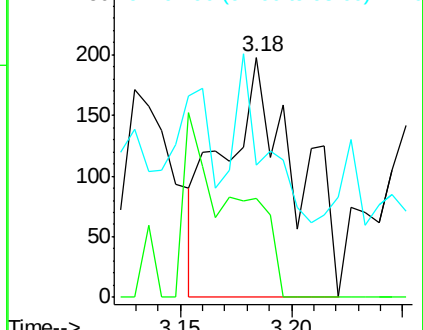
96 100

61 41.4 113.3 169.9#

98 13.1 51.7 77.5#



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



#22

Diisopropyl ether

Concen: 1.31 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Tgt Ion: 45 Resp: 88

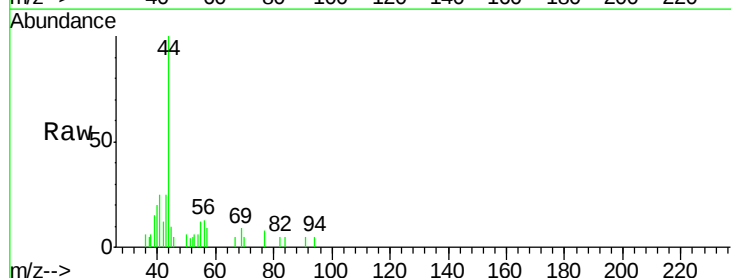
Ion Ratio Lower Upper

45 100

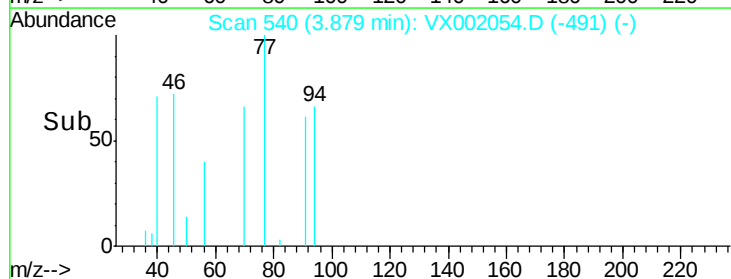
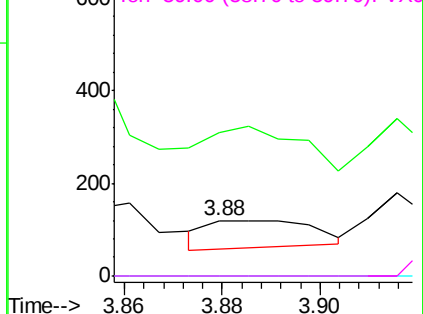
43 227.8 47.0 70.6#

87 0.0 19.4 29.0#

59 0.0 8.5 12.7#



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 2.41 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

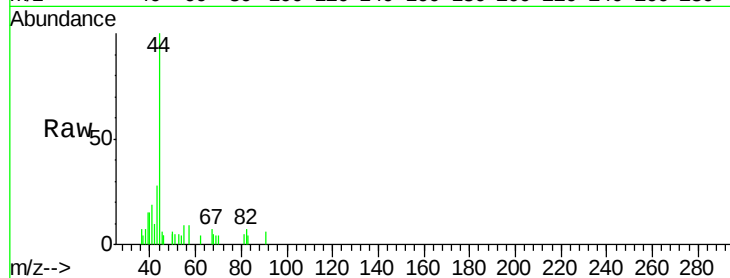
ClientSampleId :

Tot Ion: 43 Resp: 134

Ion Ratio Lower Upper

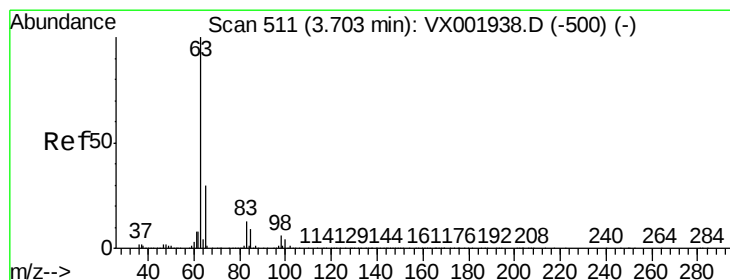
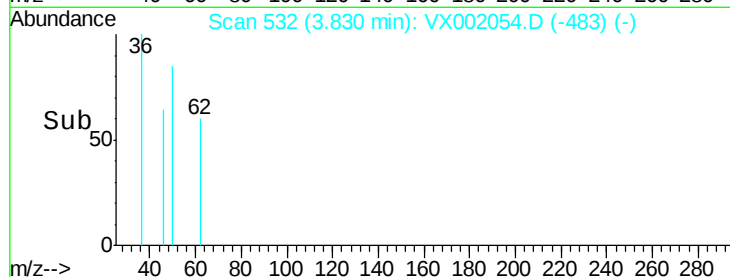
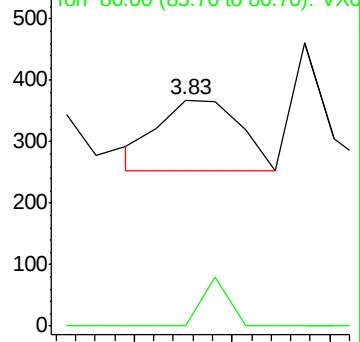
43 100

86 0.0 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 0.66 ug/l

RT: 3.73 min Scan# 515

Delta R.T. 0.02 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

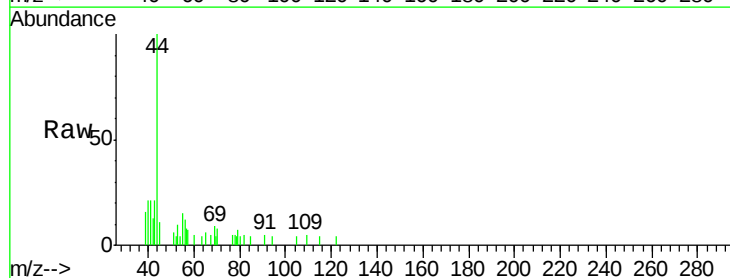
Tgt Ion: 63 Resp: 21

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.8#

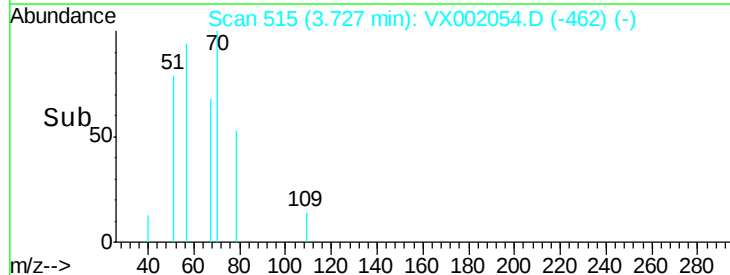
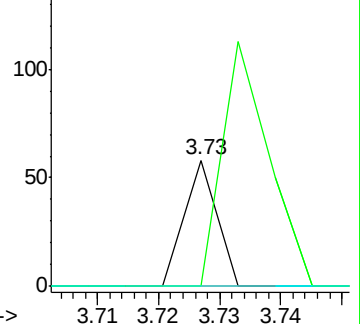
100 0.0 2.1 6.5#

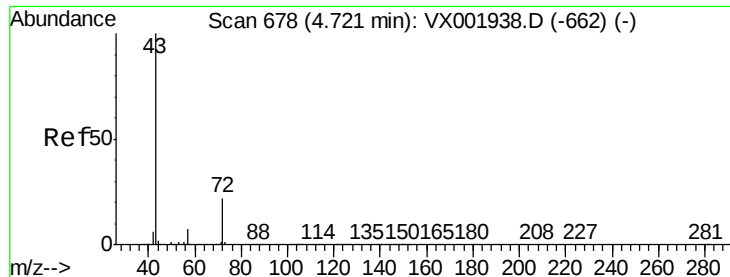


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 287.13 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

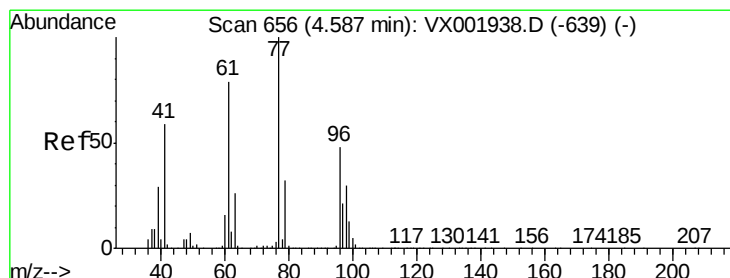
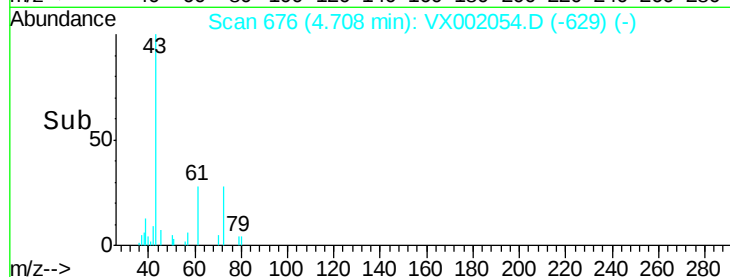
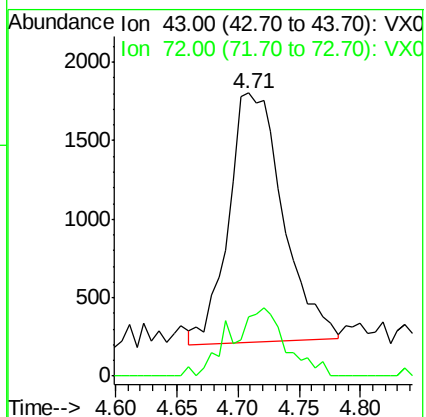
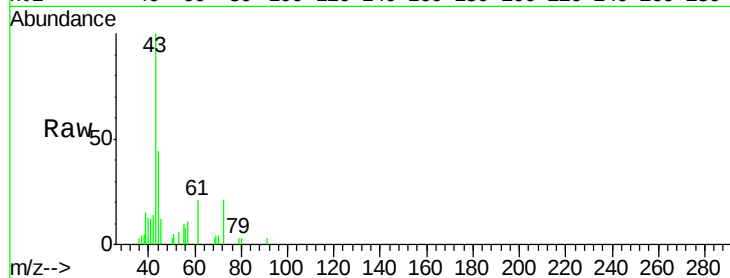
ClientSampleId :

Tot Ion: 43 Resp: 4901

Ion Ratio Lower Upper

43 100

72 24.5 17.9 26.9



#26

2,2-Dichloropropane

Concen: 2.41 ug/l

RT: 4.69 min Scan# 673

Delta R.T. 0.10 min

Lab File: VX002054.D

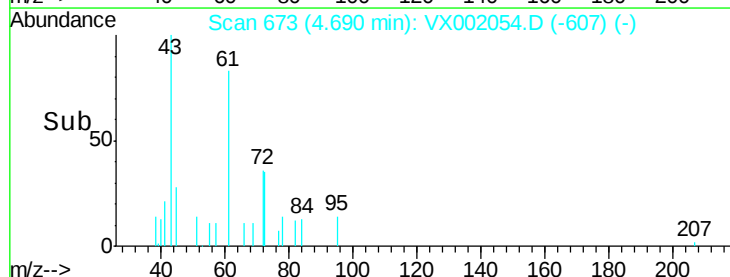
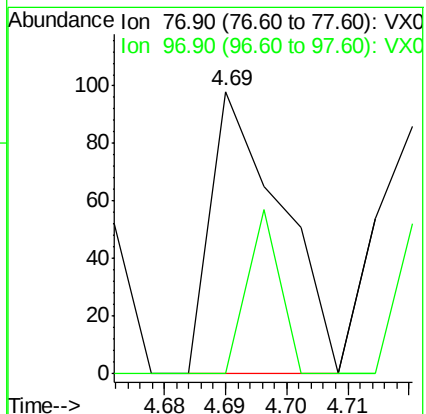
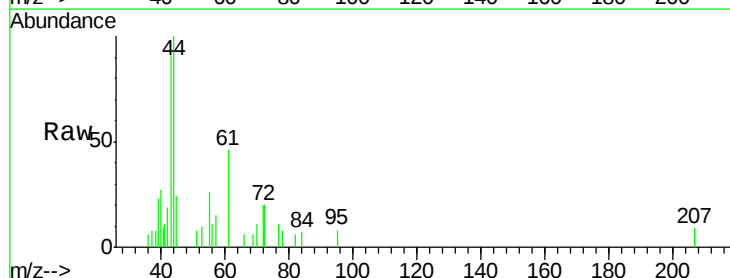
Acq: 27 May 2018 07:50

Tgt Ion: 77 Resp: 78

Ion Ratio Lower Upper

77 100

97 26.9 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 0.93 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :
MSVOA_X
ClientSampleId :

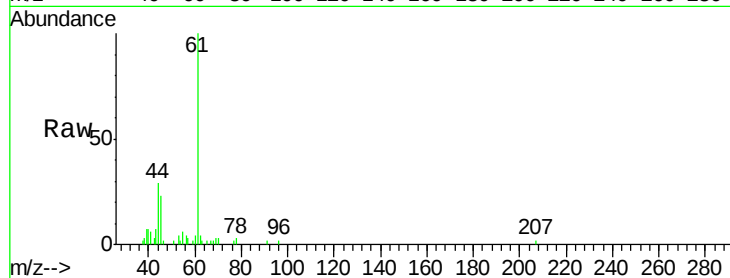
Tot Ion: 96 Resp: 19

Ion Ratio Lower Upper

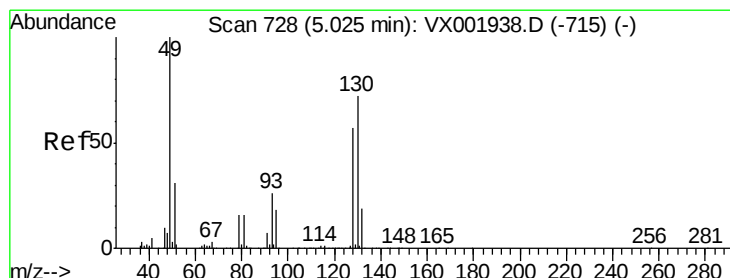
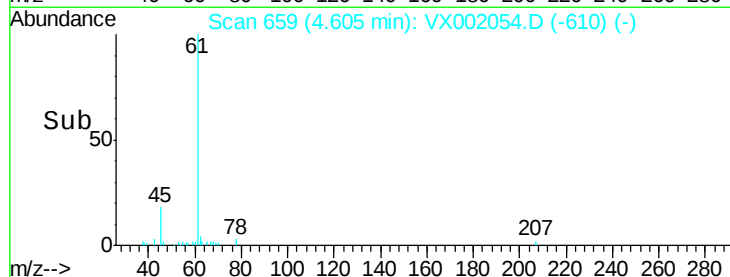
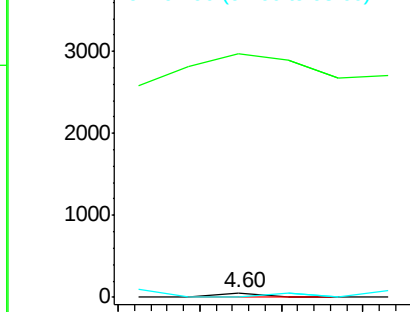
96 100

61 69289.5 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



#28

Bromochloromethane

Concen: 70.33 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.20 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

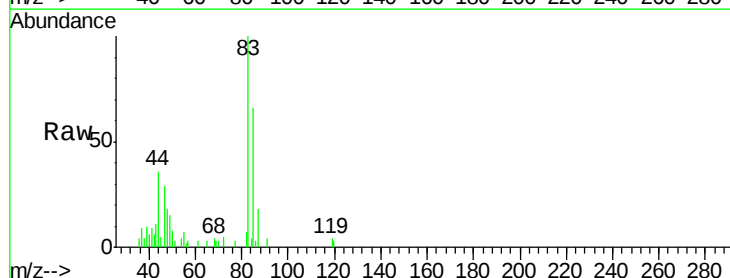
Tgt Ion: 49 Resp: 932

Ion Ratio Lower Upper

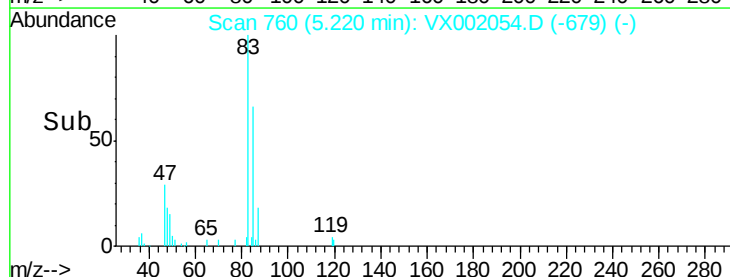
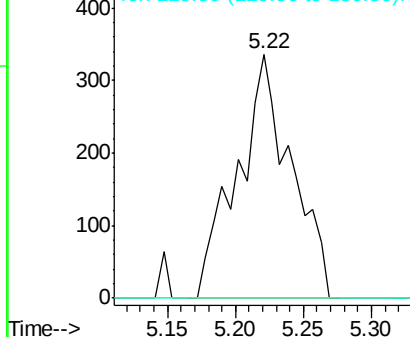
49 100

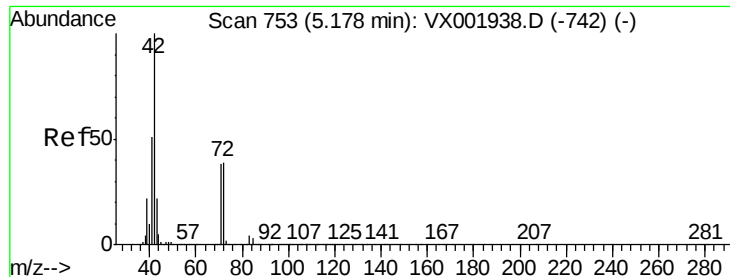
129 0.0 0.0 3.8

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: 70.96 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

ClientSampleId :

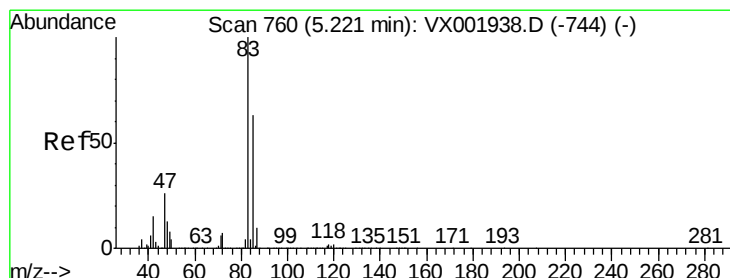
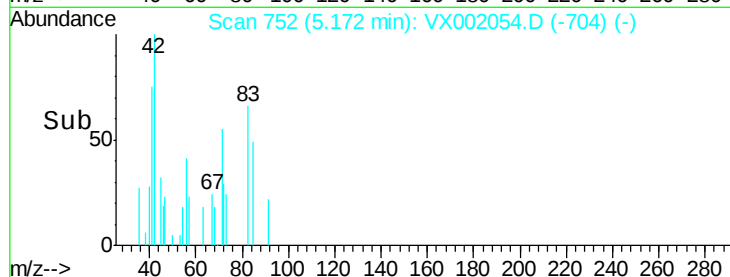
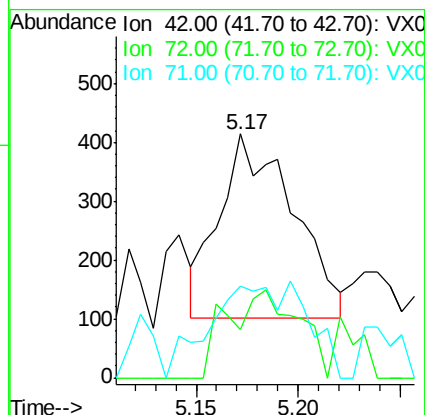
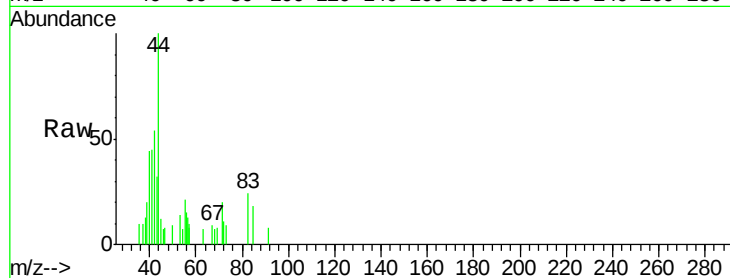
Tot Ion: 42 Resp: 788

Ion Ratio Lower Upper

42 100

72 46.3 31.4 47.0

71 0.0 29.5 44.3#



#30

Chloroform

Concen: 206.06 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX002054.D

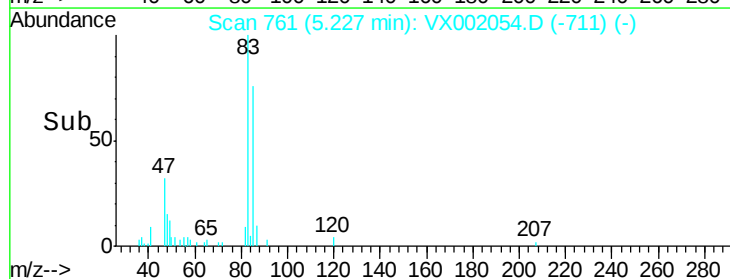
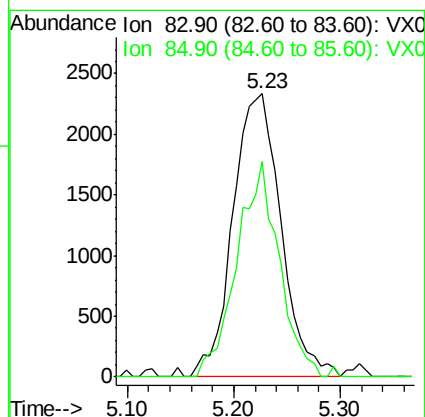
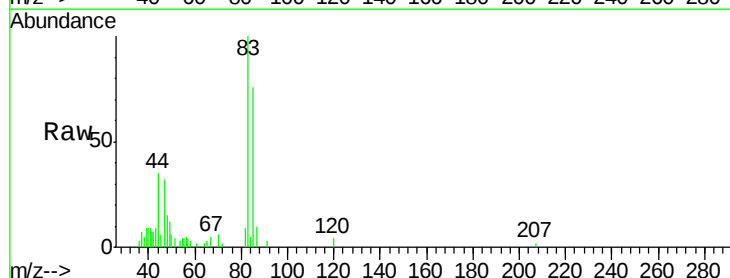
Acq: 27 May 2018 07:50

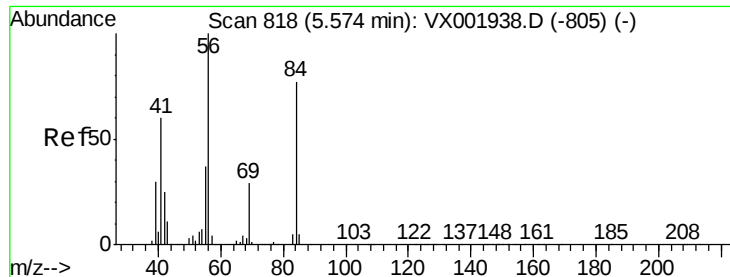
Tgt Ion: 83 Resp: 7409

Ion Ratio Lower Upper

83 100

85 76.3 50.9 76.3

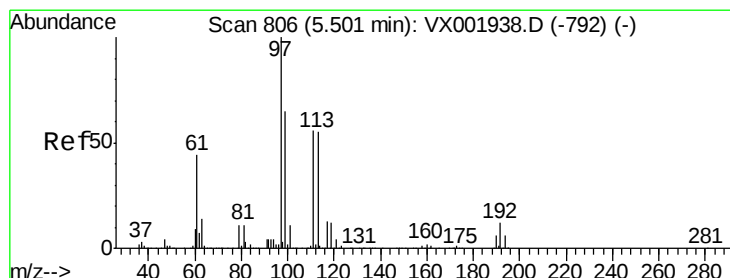
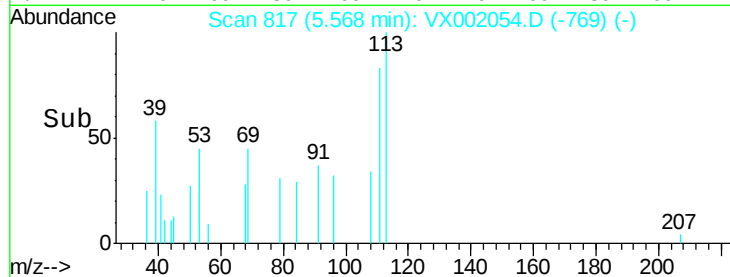
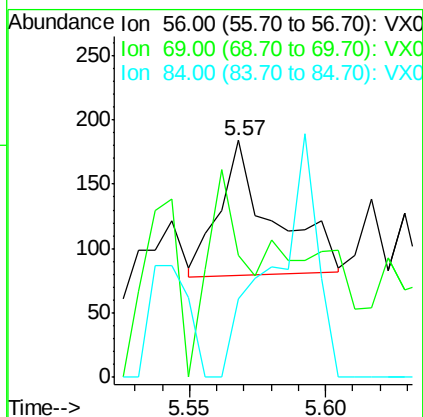
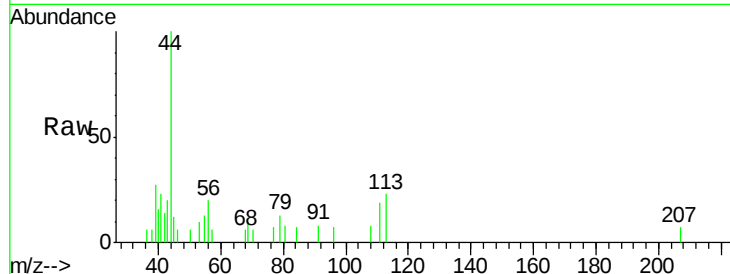




#31
Cyclohexane
Concen: 4.30 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

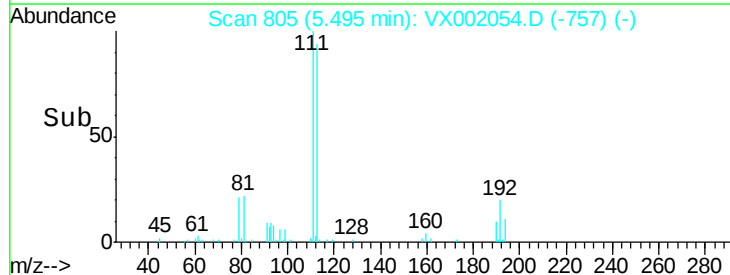
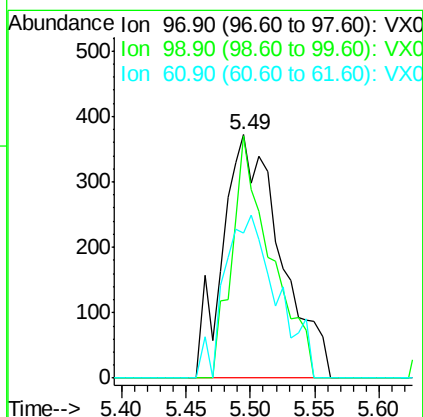
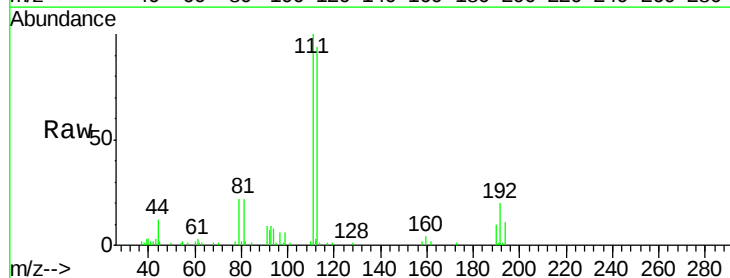
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 143
Ion Ratio Lower Upper
56 100
69 96.0 23.1 34.7#
84 61.6 62.0 93.0#



#32
1,1,1-Trichloroethane
Concen: 34.58 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

Tgt Ion: 97 Resp: 1159
Ion Ratio Lower Upper
97 100
99 67.8 51.9 77.9
61 61.0 35.9 53.9#

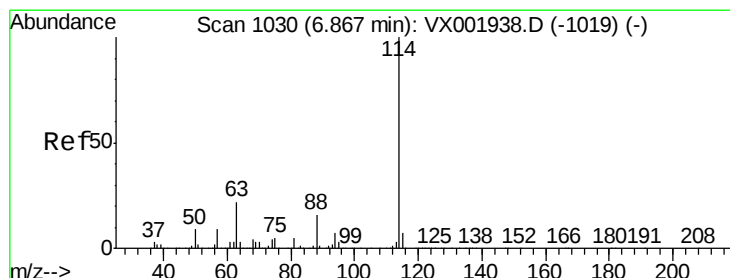
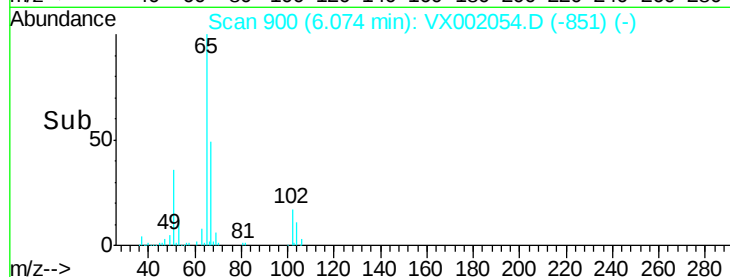
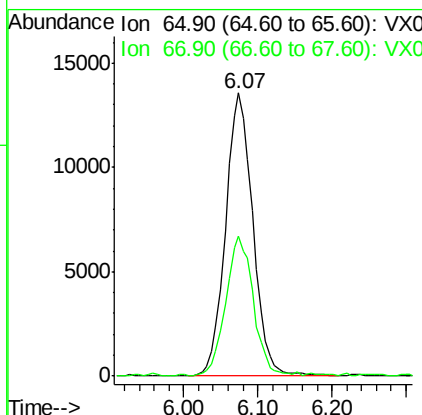
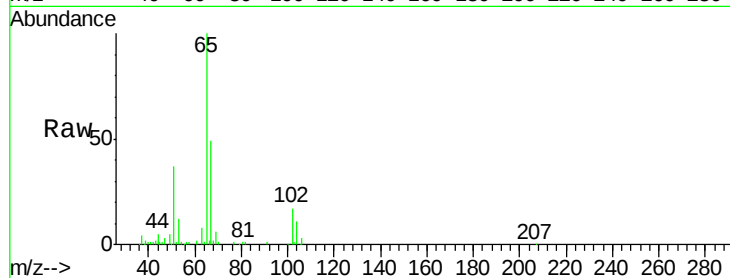




#33
 1,2-Dichloroethane-d4
 Concen: 1445.01 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002054.D
 Acq: 27 May 2018 07:50

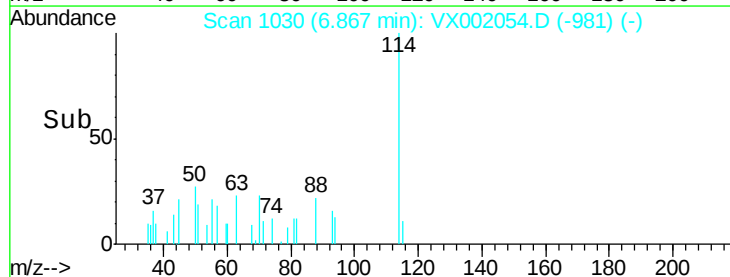
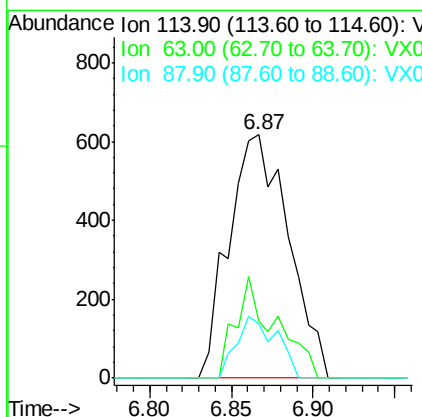
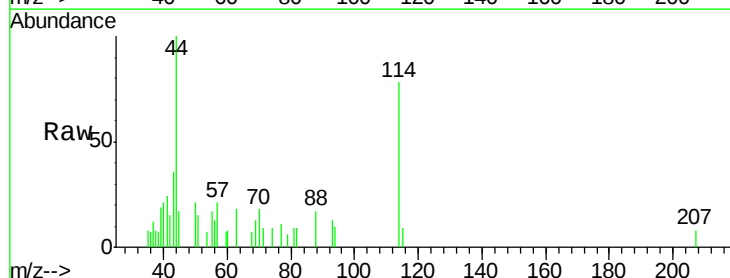
Instrument :
 MSVOA_X
 ClientSampleId :

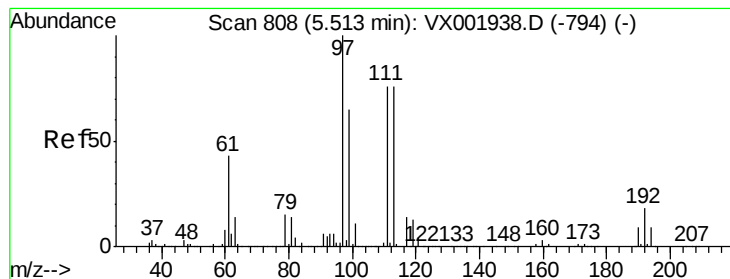
Tot Ion: 65 Resp: 34870
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002054.D
 Acq: 27 May 2018 07:50

Tgt Ion: 114 Resp: 1567
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 43.2
 88 22.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 1594.12 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

ClientSampled :

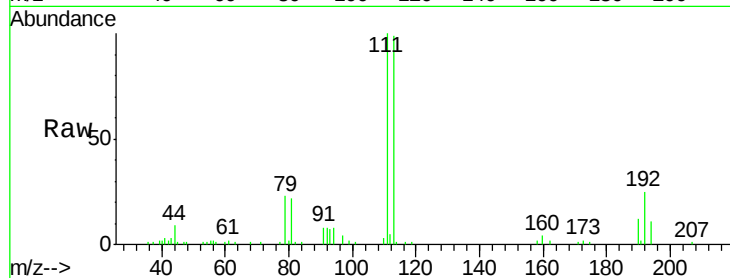
Tot Ion:113 Resp: 24980

Ion Ratio Lower Upper

113 100

111 103.1 82.0 123.0

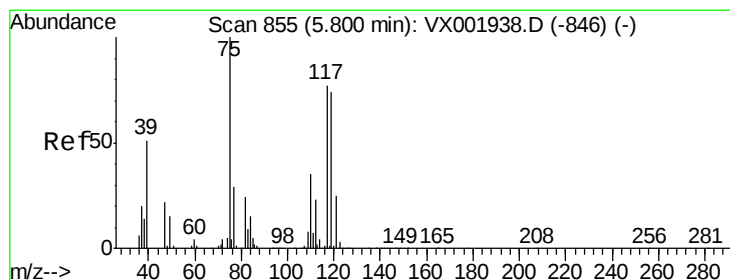
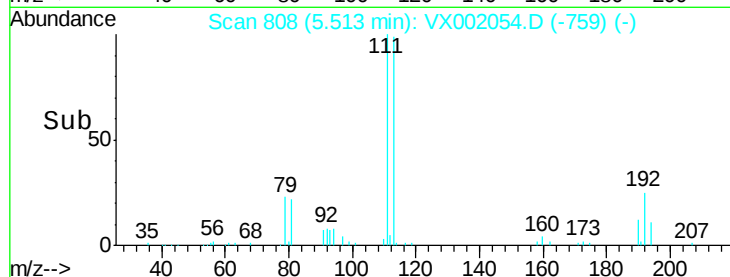
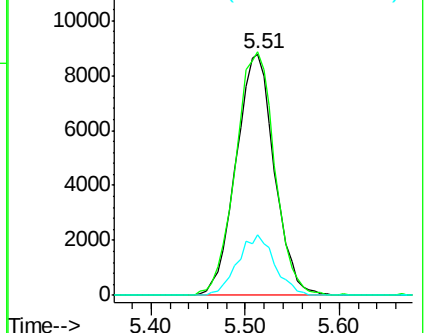
192 24.1 18.9 28.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 0.87 ug/l

RT: 5.76 min Scan# 849

Delta R.T. -0.04 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

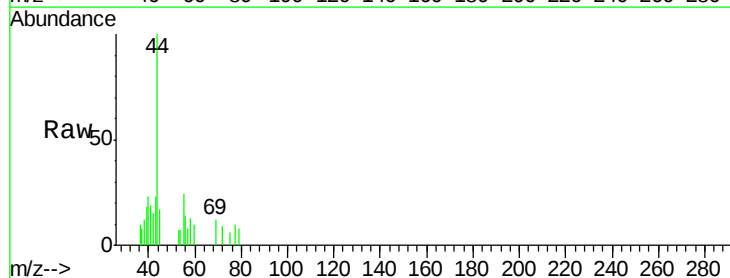
Tgt Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

110 0.0 17.4 52.2#

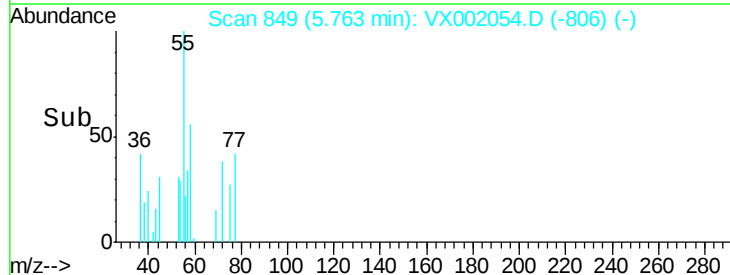
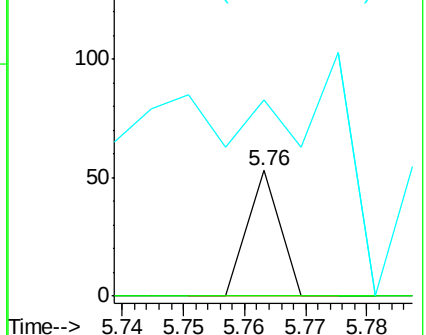
77 0.0 24.4 36.6#

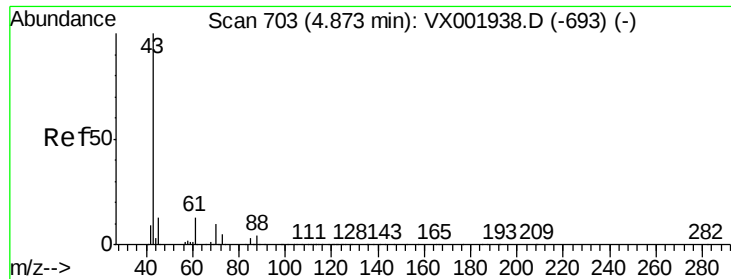


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

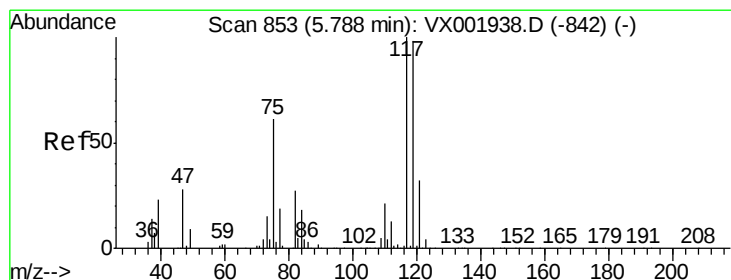
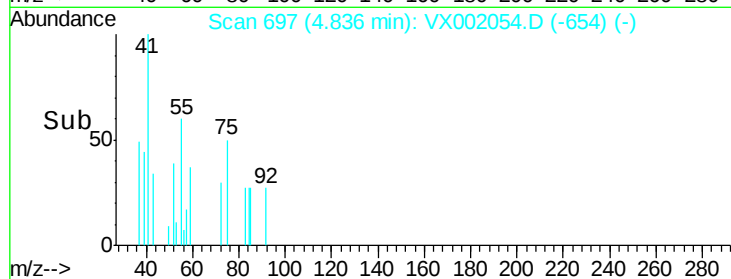
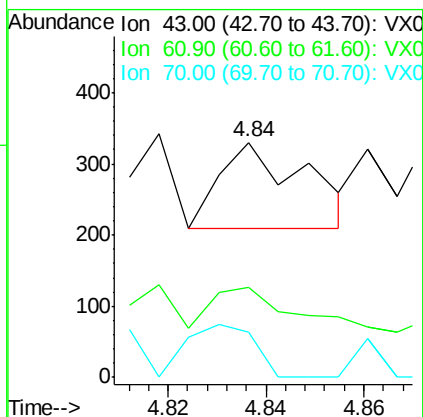
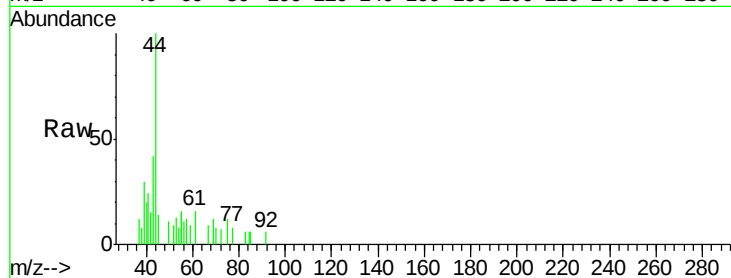




#37
Ethyl Acetate
Concen: 5.17 ug/l
RT: 4.84 min Scan# 697
Delta R.T. -0.04 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

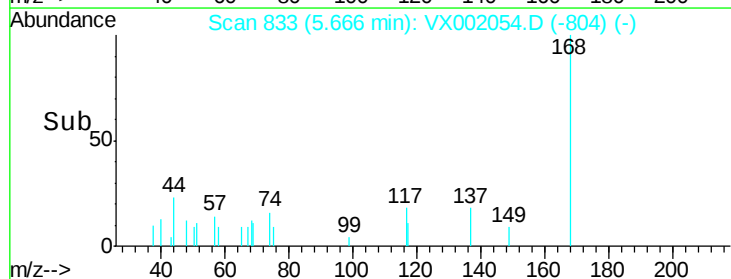
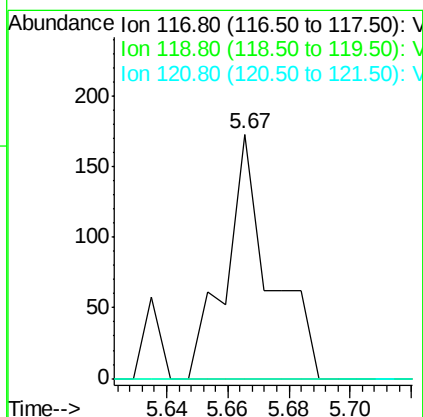
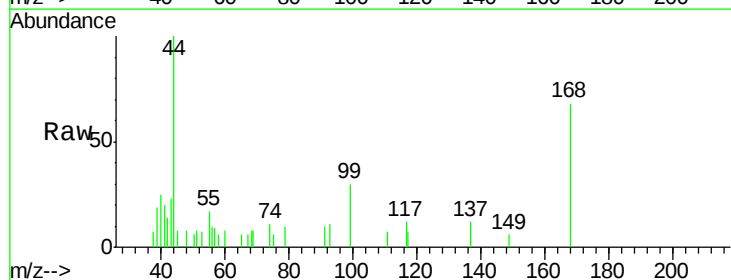
Instrument :
MSVOA_X
ClientSampled :

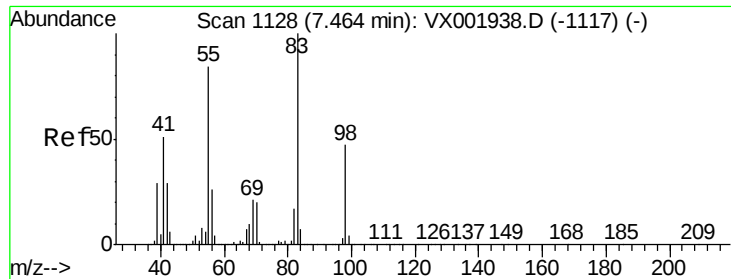
Tot Ion: 43 Resp: 147
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 48.3 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 6.81 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.12 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

Tgt Ion: 117 Resp: 173
Ion Ratio Lower Upper
117 100
119 0.0 78.5 117.7#
121 0.0 25.5 38.3#

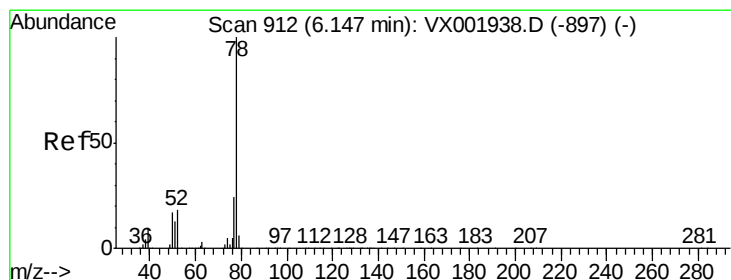
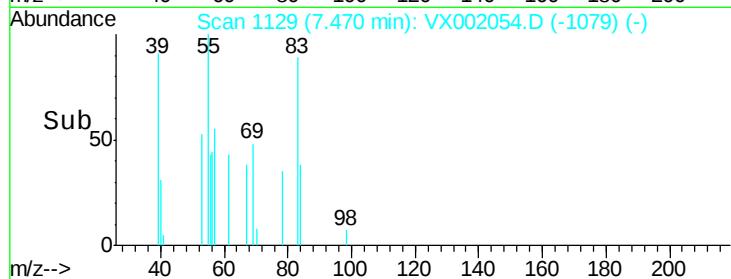
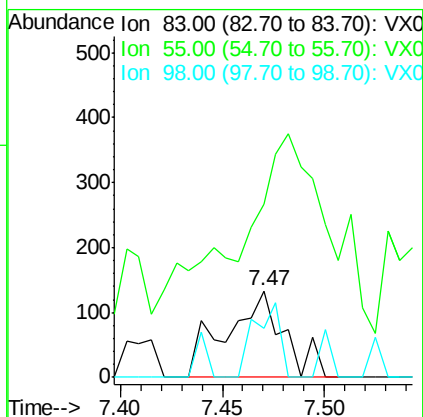
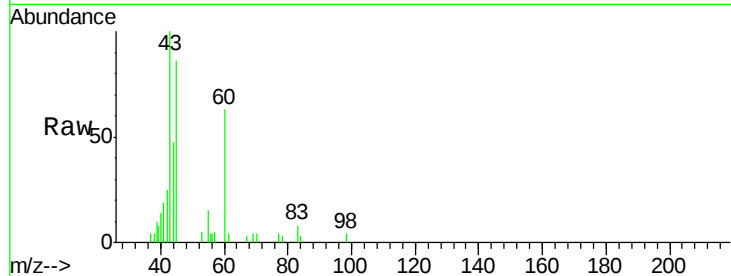




#39
Methvlcvclohexane
Concen: 9.71 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

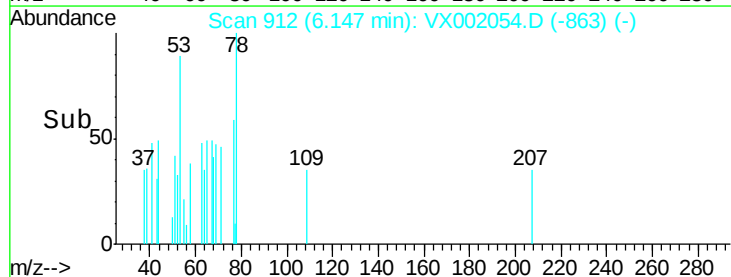
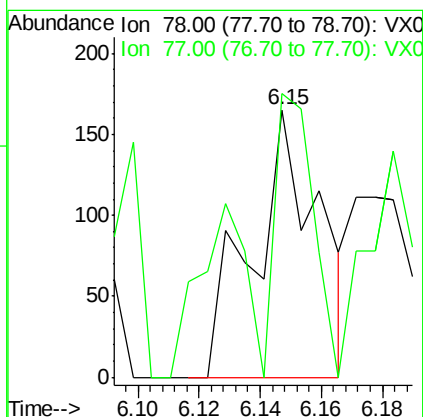
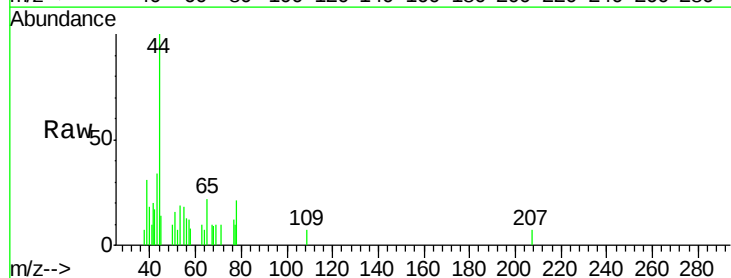
Instrument :
MSVOA_X
ClientSampled :

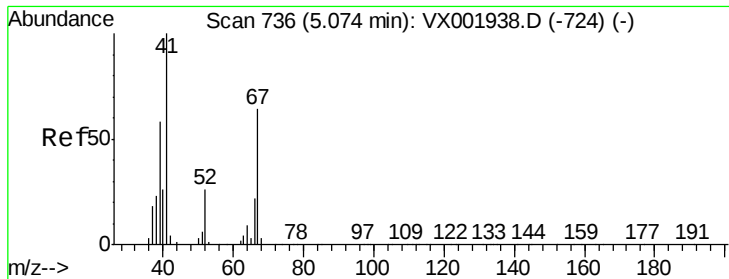
Tot Ion: 83 Resp: 260
Ion Ratio Lower Upper
83 100
55 125.6 67.3 100.9#
98 56.4 37.5 56.3#



#40
Benzene
Concen: 3.84 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

Tgt Ion: 78 Resp: 245
Ion Ratio Lower Upper
78 100
77 70.3 19.1 28.7#

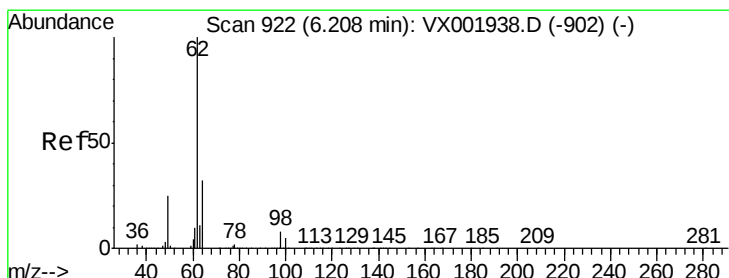
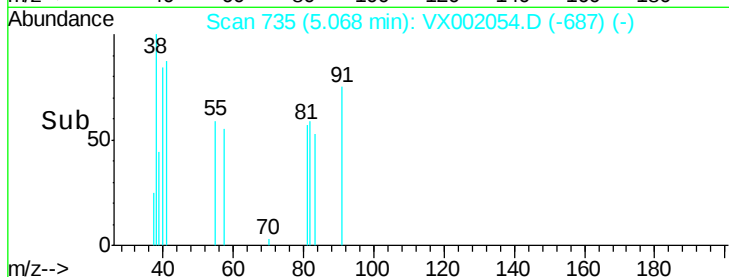
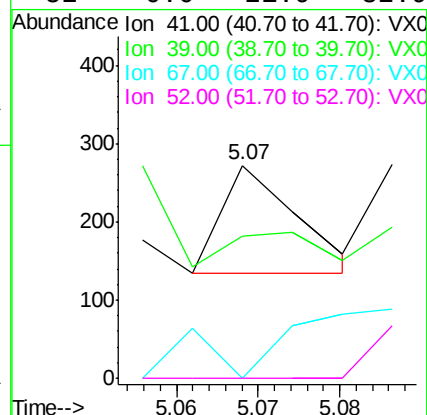
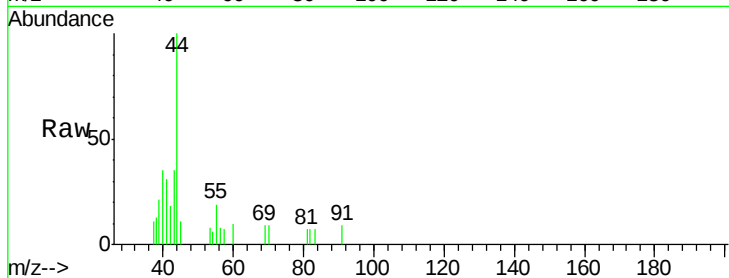




#41
Methacrylonitrile
Concen: 4.56 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

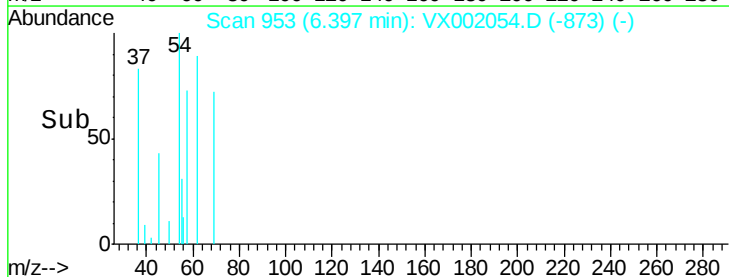
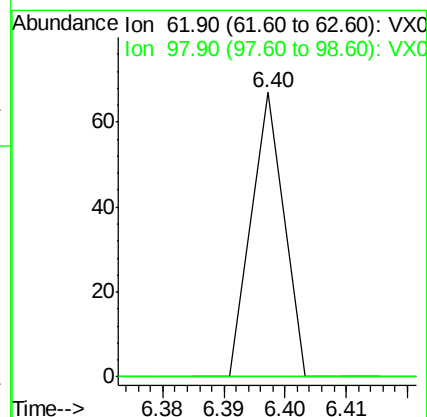
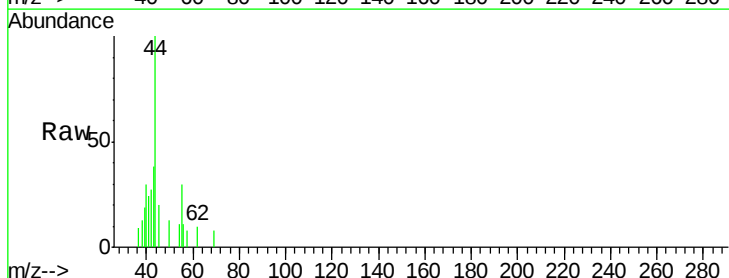
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	87
Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.0	69.0#
67	0.0	50.6	75.8#
52	0.0	21.9	32.9#



#42
1,2-Dichloroethane
Concen: 0.98 ug/l
RT: 6.40 min Scan# 953
Delta R.T. 0.19 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

Tgt Ion:	62	Resp:	25
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.0



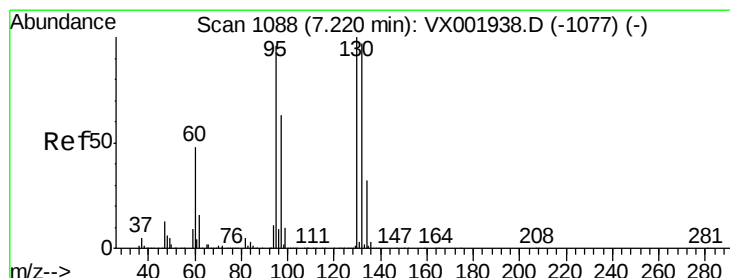
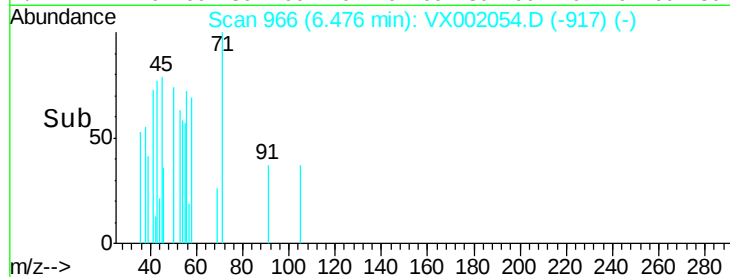
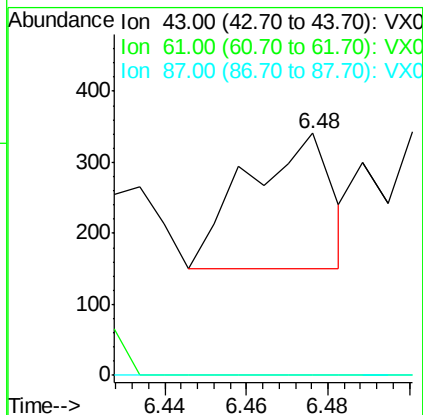
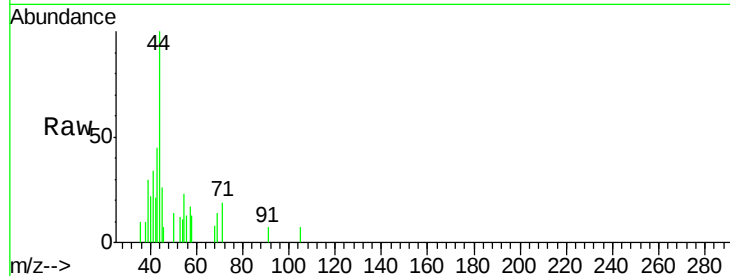


#43

Isopropyl Acetate
 Concen: 5.81 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX002054.D
 Acq: 27 May 2018 07:50

Instrument :
 MSVOA_X
 ClientSampled :

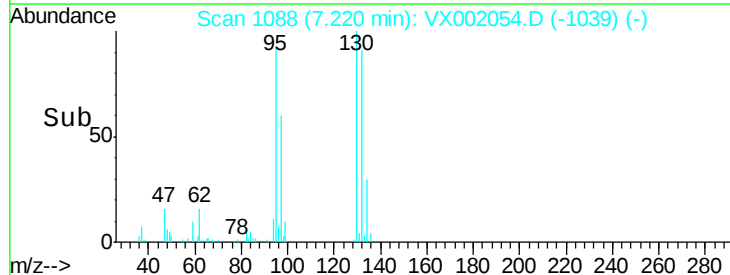
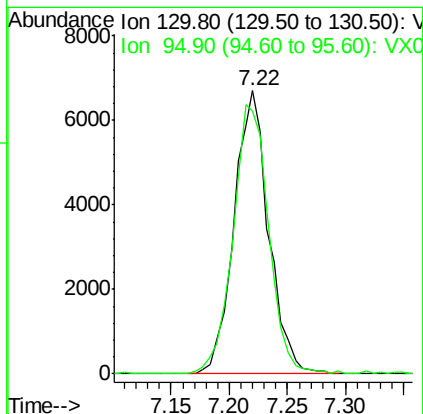
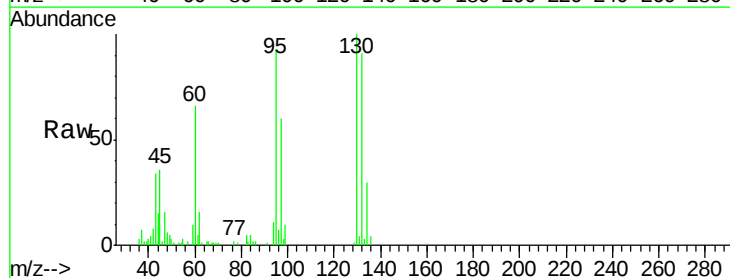
Tot Ion: 43 Resp: 275
 Ion Ratio Lower Upper
 43 100
 61 0.0 14.5 21.7#
 87 0.0 9.5 14.3#



#44

Trichloroethene
 Concen: 742.68 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002054.D
 Acq: 27 May 2018 07:50

Tgt Ion:130 Resp: 13820
 Ion Ratio Lower Upper
 130 100
 95 93.1 0.0 192.0





#45

1,2-Dichloropropane

Concen: 1.04 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

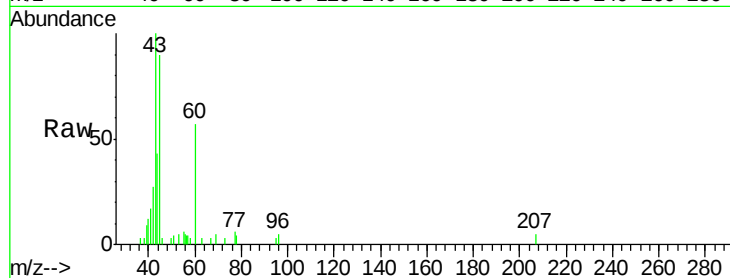
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 18

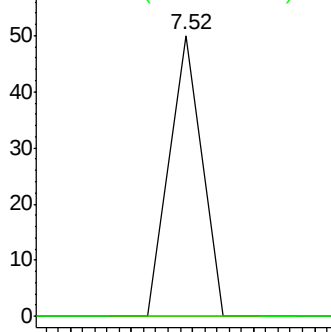
Ion Ratio Lower Upper

63 100

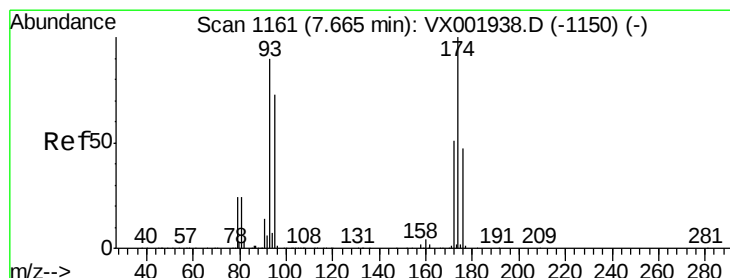
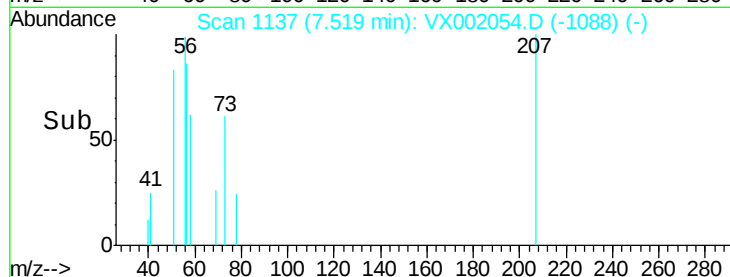
65 0.0 24.1 36.1#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 64.90 (64.60 to 65.60): VX0



Time--> 7.50 7.51 7.52 7.53



#46

Dibromomethane

Concen: 1.83 ug/l

RT: 7.82 min Scan# 1186

Delta R.T. 0.15 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

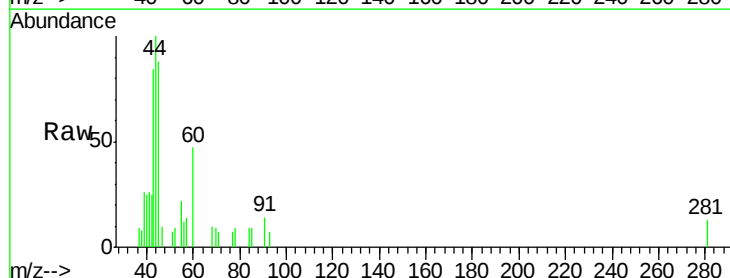
Tgt Ion: 93 Resp: 21

Ion Ratio Lower Upper

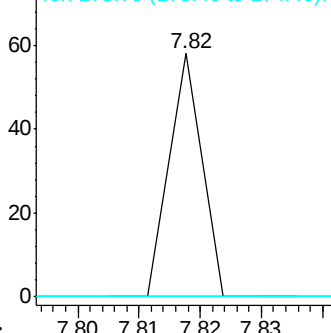
93 100

95 0.0 66.1 99.1#

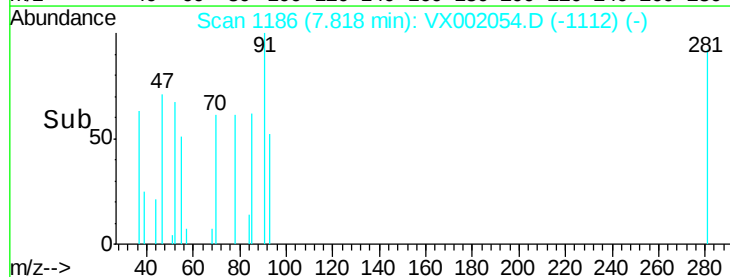
174 0.0 92.5 138.7#

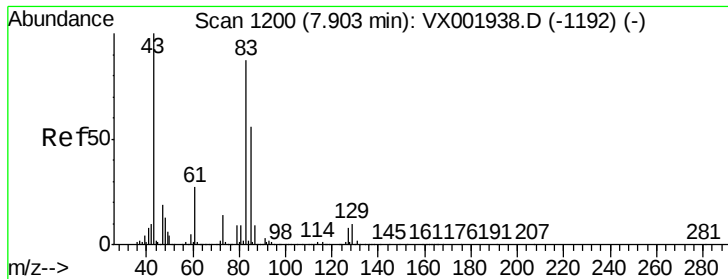


Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V



Time--> 7.80 7.81 7.82 7.83





#47

Bromodichloromethane

Concen: 81.70 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

ClientSampleId :

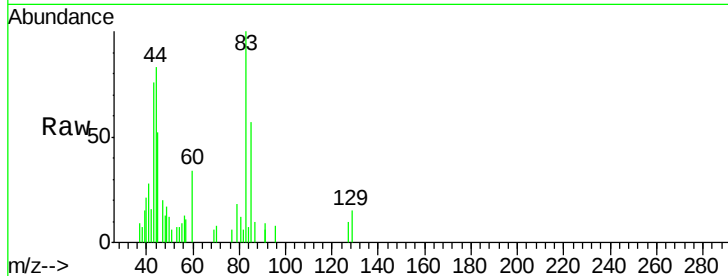
Tot Ion: 83 Resp: 2000

Ion Ratio Lower Upper

83 100

85 51.7 51.4 77.2

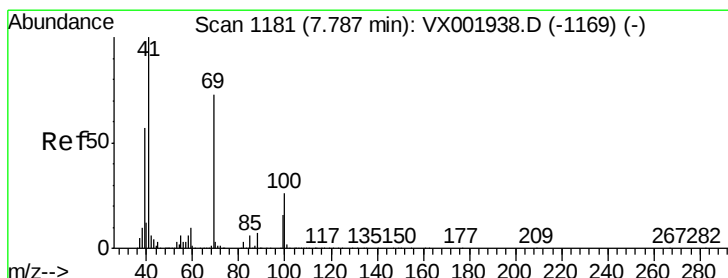
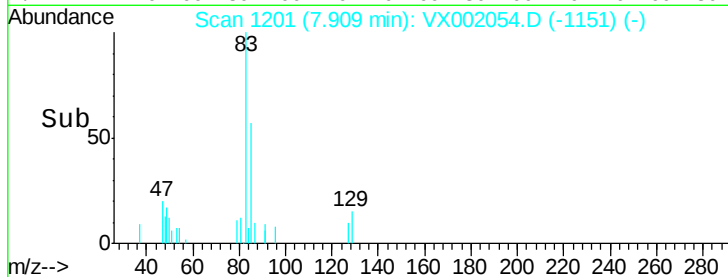
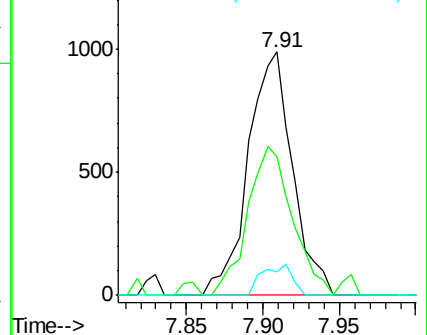
127 9.8 7.1 10.7



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: 5.19 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

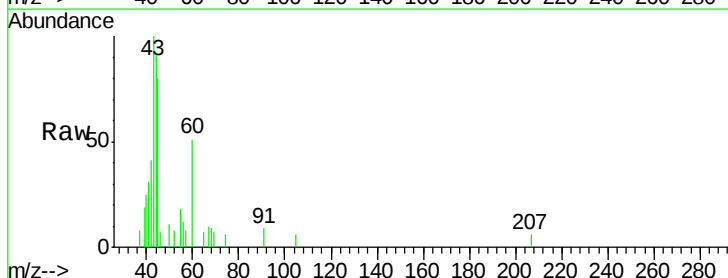
Tgt Ion: 41 Resp: 125

Ion Ratio Lower Upper

41 100

69 63.2 58.6 87.8

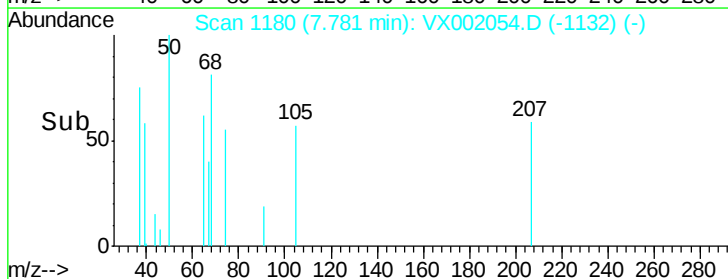
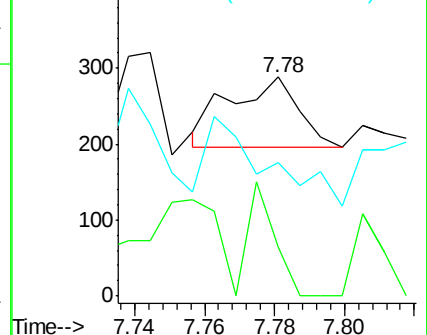
39 0.0 46.3 69.5#

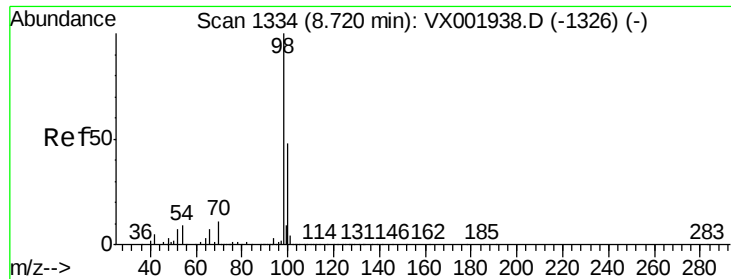


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#50

Toluene-d8

Concen: 1514.55 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

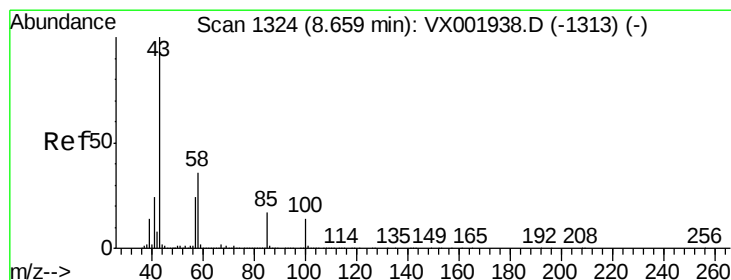
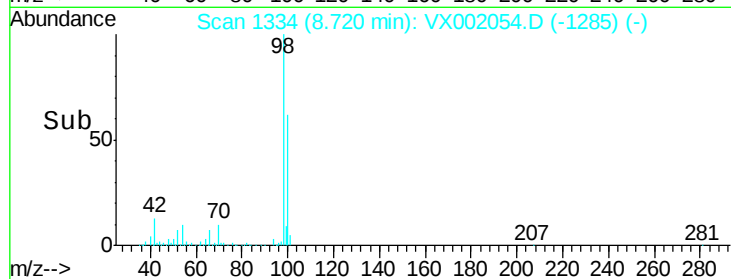
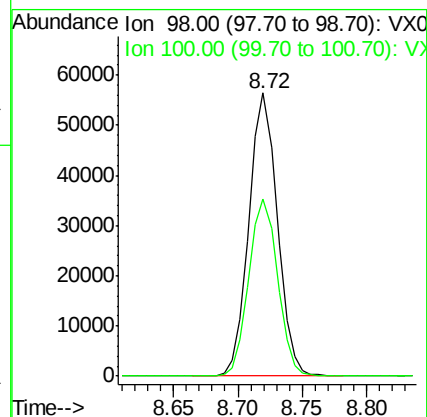
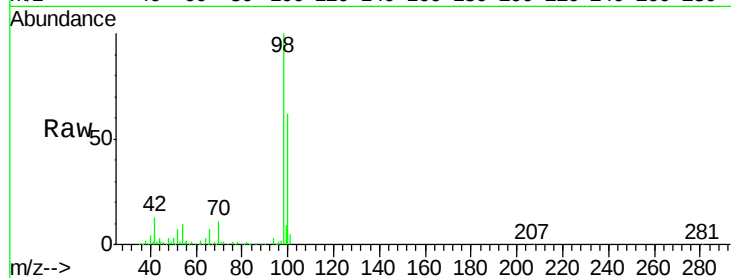
ClientSampleId :

Tot Ion: 98 Resp: 85922

Ion Ratio Lower Upper

98 100

100 63.7 51.5 77.3



#51

4-Methyl-2-Pentanone

Concen: 6.83 ug/l

RT: 8.85 min Scan# 1356

Delta R.T. 0.20 min

Lab File: VX002054.D

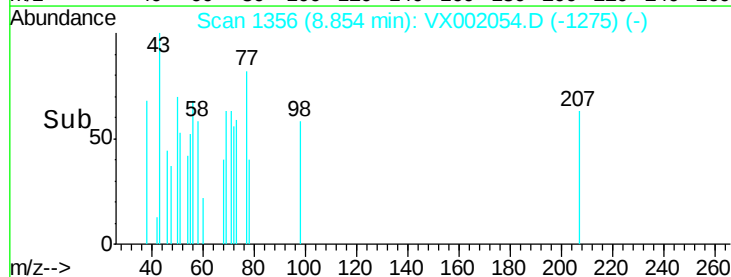
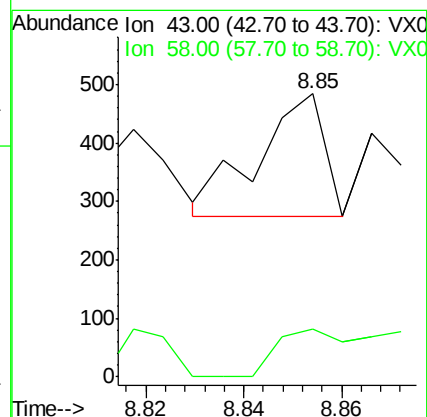
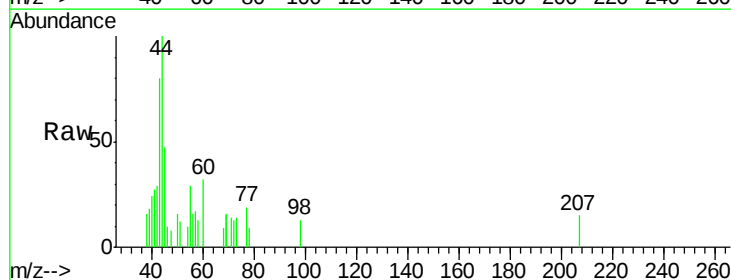
Acq: 27 May 2018 07:50

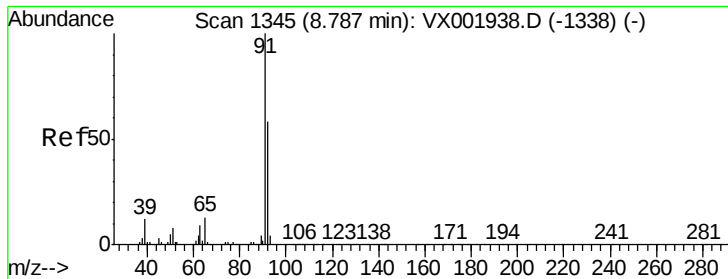
Tgt Ion: 43 Resp: 195

Ion Ratio Lower Upper

43 100

58 39.0 28.5 42.7





#52

Toluene

Concen: 25.35 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

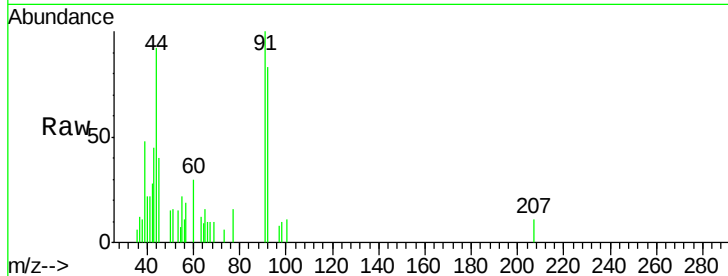
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 92 Resp: 1030

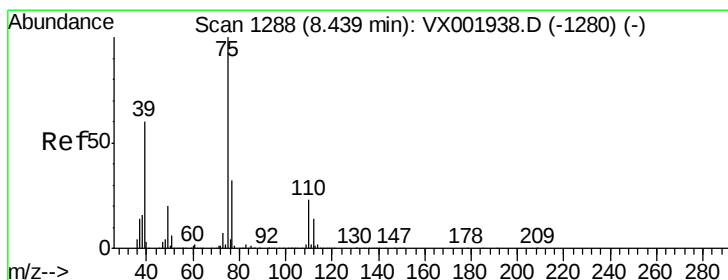
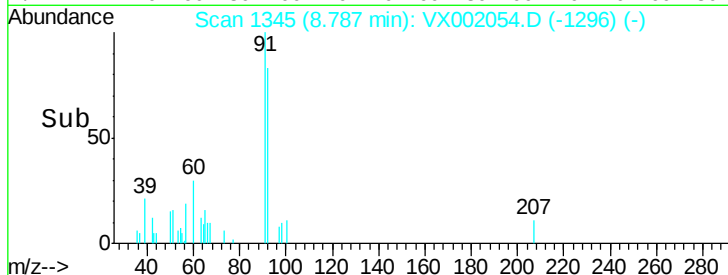
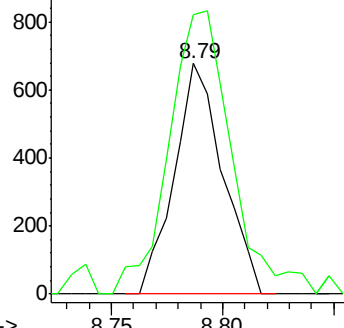
Ion Ratio Lower Upper

92 100

91 160.2 139.4 209.2



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: 0.78 ug/l

RT: 8.43 min Scan# 1286

Delta R.T. -0.01 min

Lab File: VX002054.D

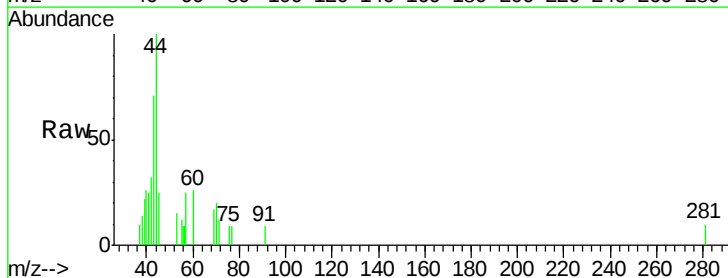
Acq: 27 May 2018 07:50

Tgt Ion: 75 Resp: 22

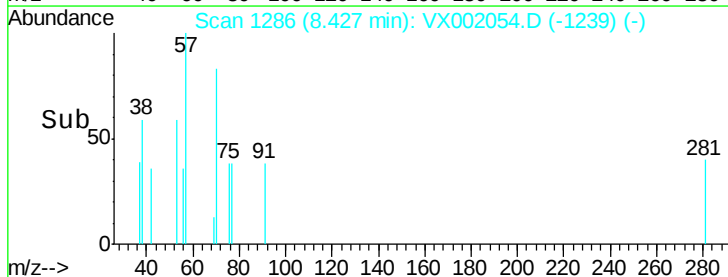
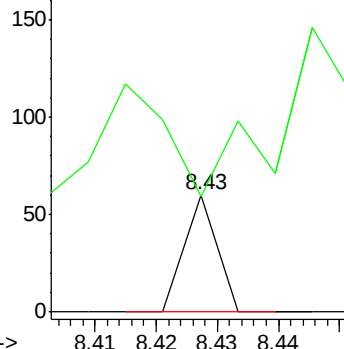
Ion Ratio Lower Upper

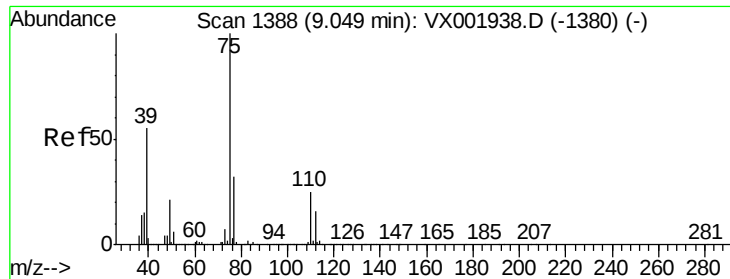
75 100

77 0.0 25.5 38.3#



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



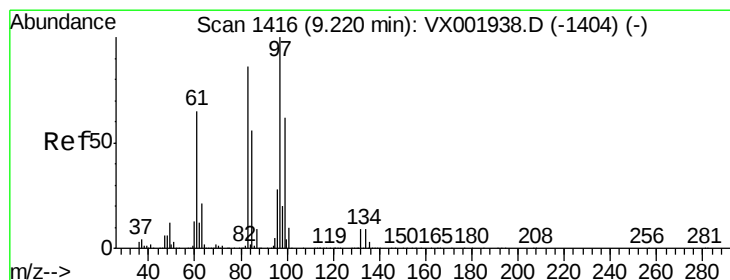
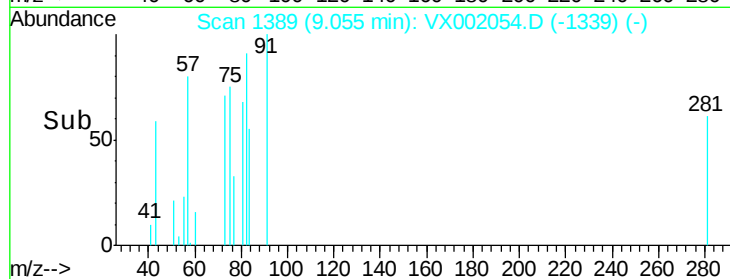
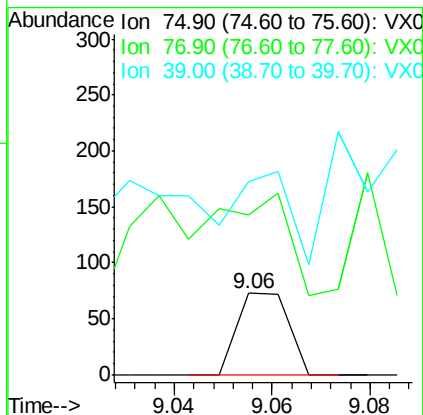
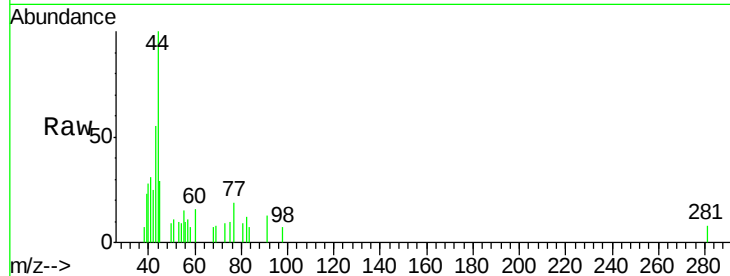


#54

cis-1,3-Dichloropropene
Concen: 1.93 ug/l
RT: 9.06 min Scan# 1389
Delta R.T. 0.01 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

Instrument :
MSVOA_X
ClientSampled :

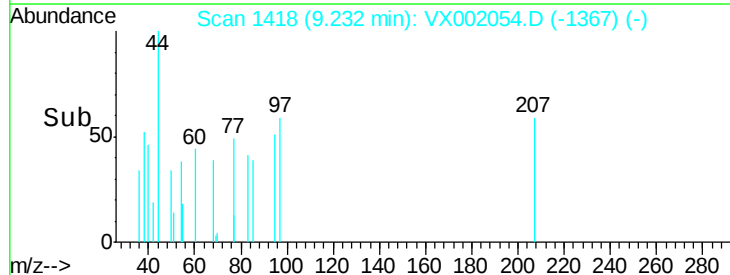
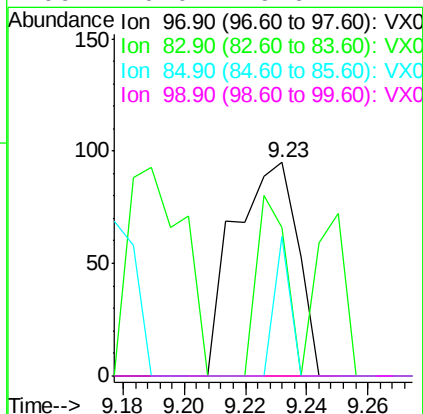
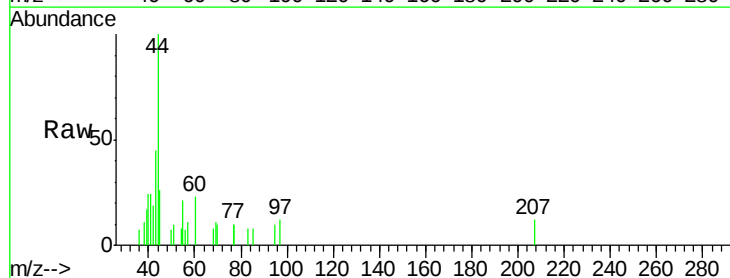
Tot Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
77 91.8 25.4 38.0#
39 17.8 44.1 66.1#

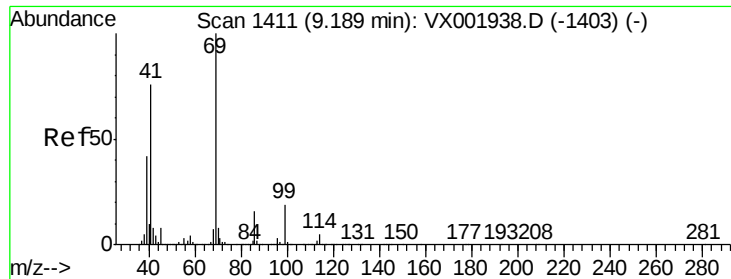


#55

1,1,2-Trichloroethane
Concen: 8.07 ug/l
RT: 9.23 min Scan# 1418
Delta R.T. 0.01 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

Tgt Ion: 97 Resp: 137
Ion Ratio Lower Upper
97 100
83 0.0 69.1 103.7#
85 65.3 45.2 67.8
99 0.0 49.6 74.4#





#56

Ethyl methacrylate

Concen: 0.79 ug/l

RT: 9.18 min Scan# 1409

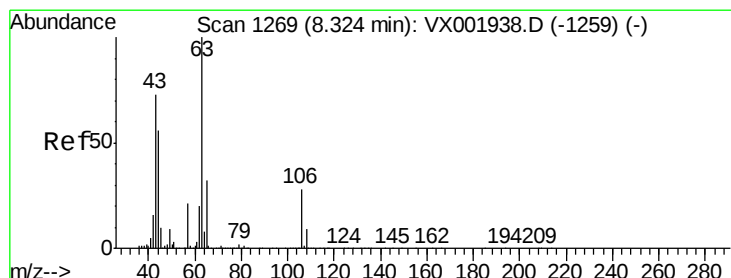
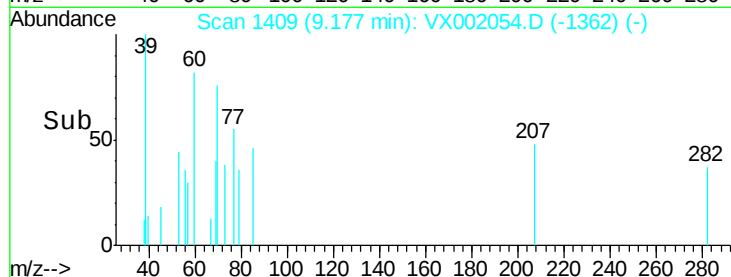
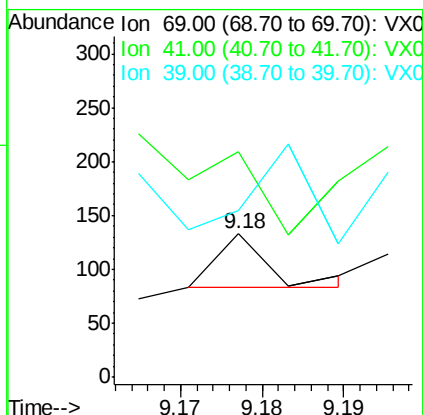
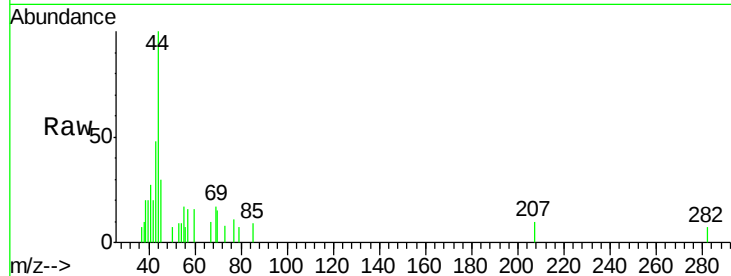
Delta R.T. -0.01 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	69	Resp:	23
Ion	Ratio	Lower	Upper
69	100		
41	0.0	61.0	91.6#
39	260.9	34.4	51.6#



#58

2-Chloroethyl Vinyl ether

Concen: 3.48 ug/l

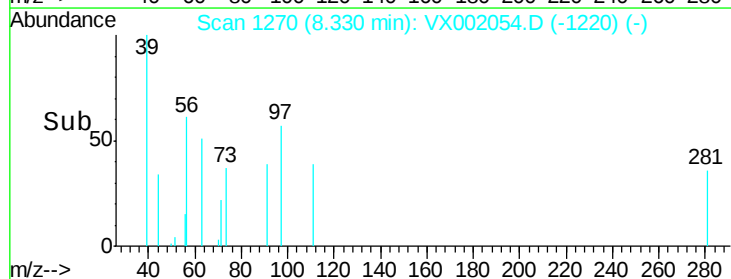
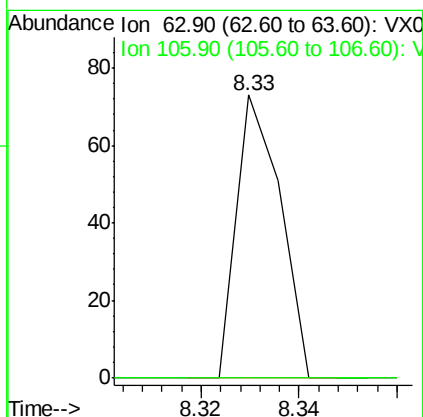
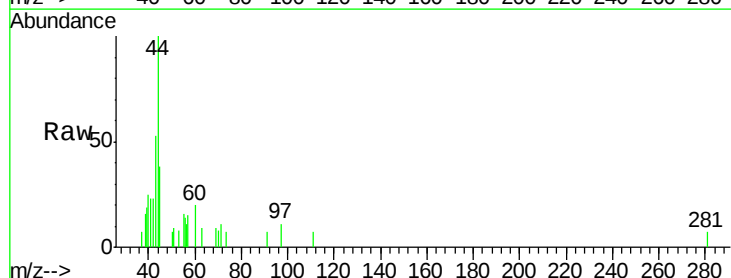
RT: 8.33 min Scan# 1270

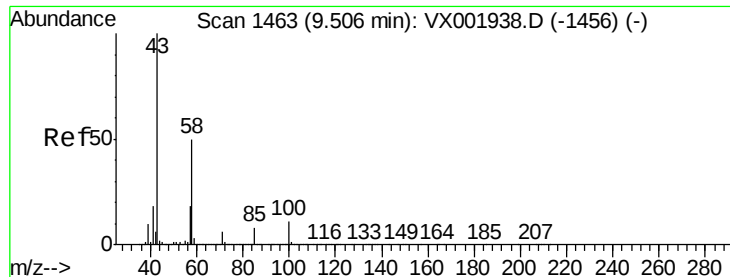
Delta R.T. 0.01 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Tgt Ion:	63	Resp:	45
Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.7	32.5#

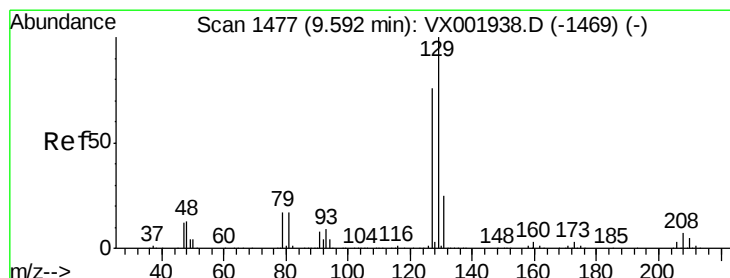
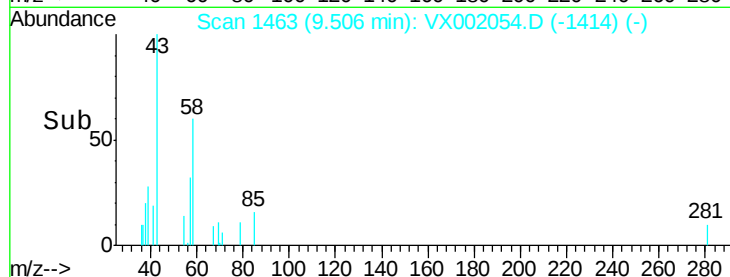
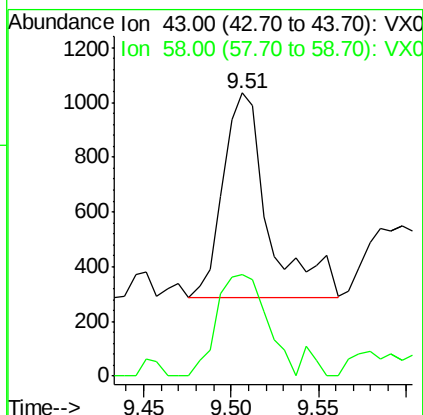
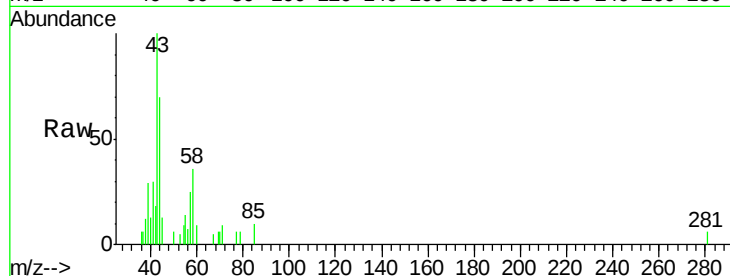




#59
2-Hexanone
Concen: 61.39 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

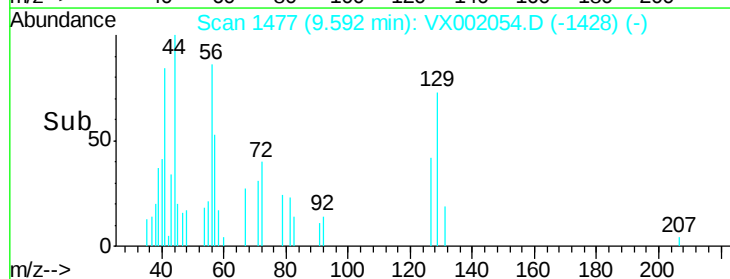
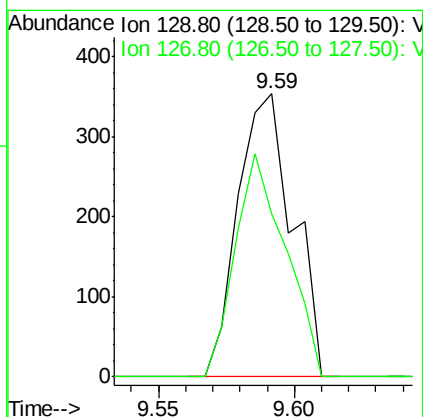
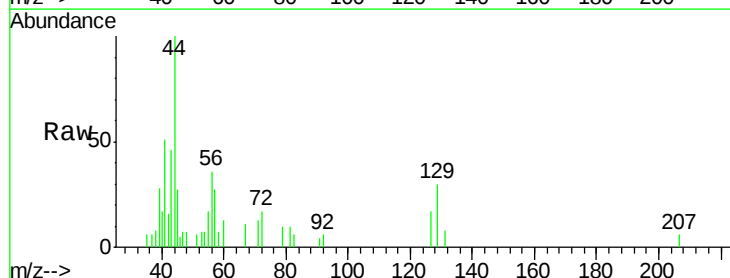
Instrument :
MSVOA_X
ClientSampled :

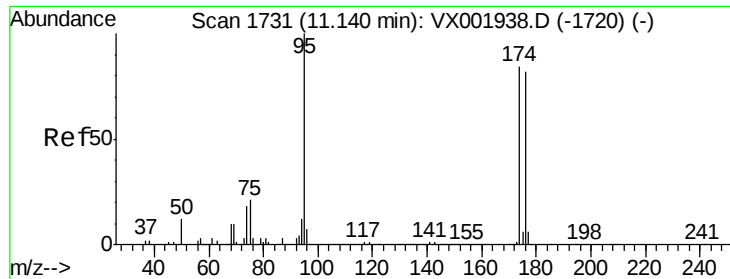
Tot Ion: 43 Resp: 1351
Ion Ratio Lower Upper
43 100
58 54.3 24.9 74.6



#60
Dibromochloromethane
Concen: 24.47 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

Tgt Ion: 129 Resp: 492
Ion Ratio Lower Upper
129 100
127 72.6 38.3 114.9

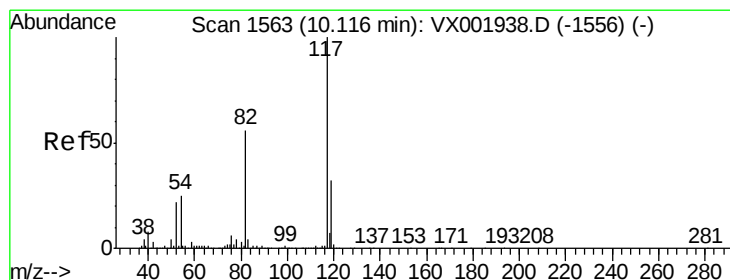
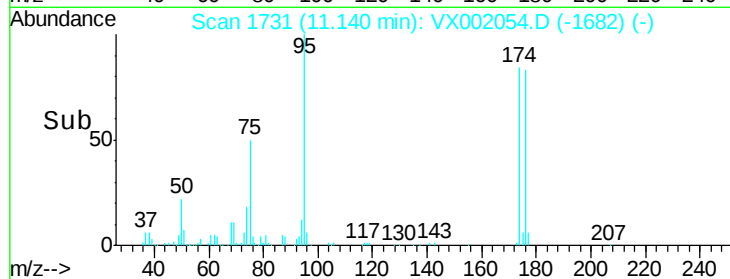
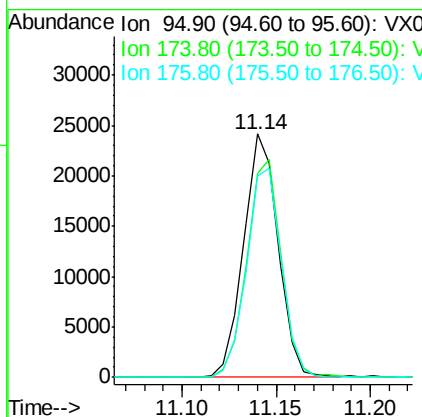
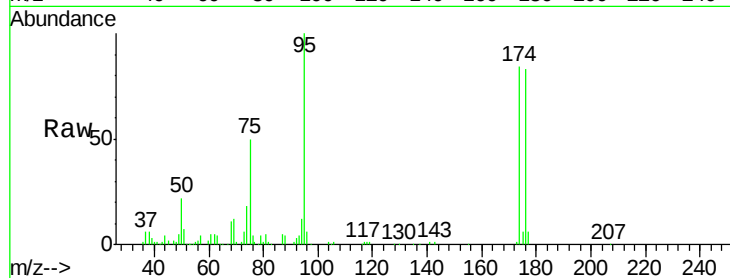




#62
4-Bromofluorobenzene
Concen: 1385.58 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

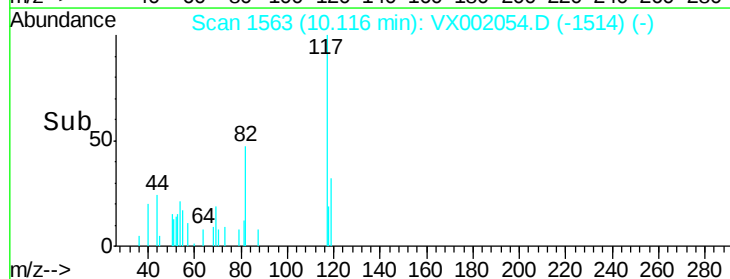
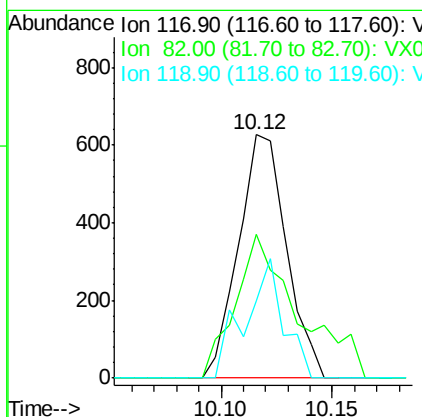
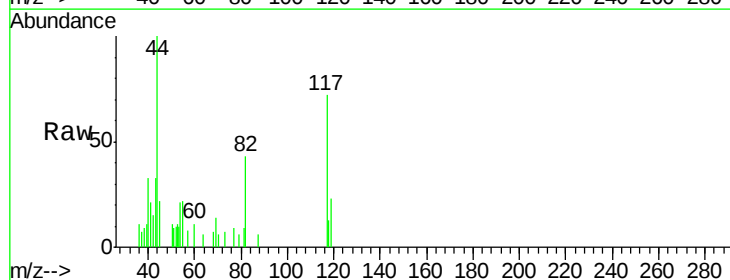
Instrument :
MSVOA_X
ClientSampleId :

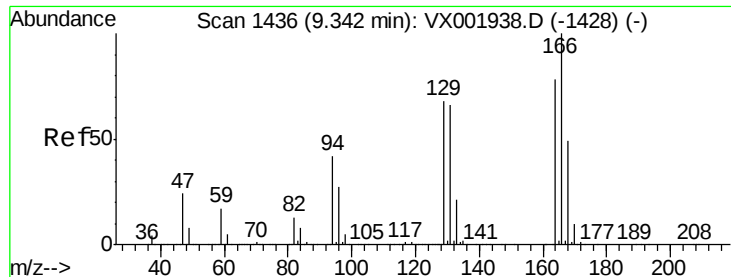
Tot Ion: 95 Resp: 30755
Ion Ratio Lower Upper
95 100
174 89.3 0.0 178.8
176 86.5 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

Tgt Ion: 117 Resp: 942
Ion Ratio Lower Upper
117 100
82 59.2 44.8 67.2
119 31.6 25.5 38.3

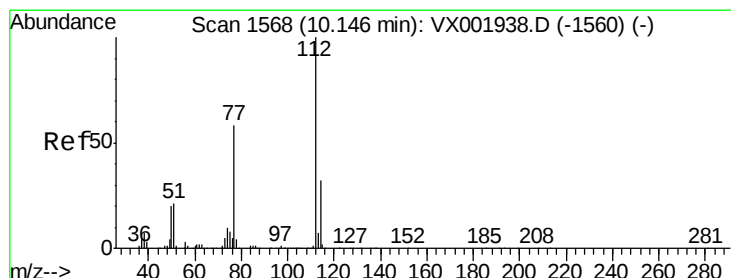
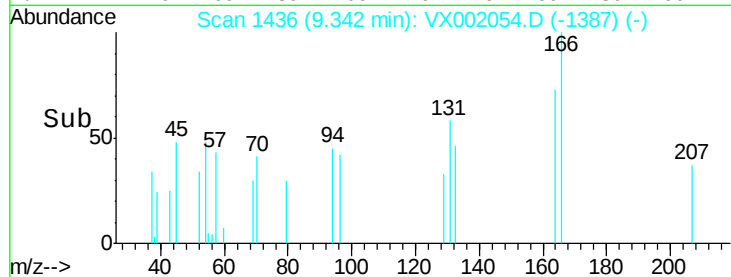
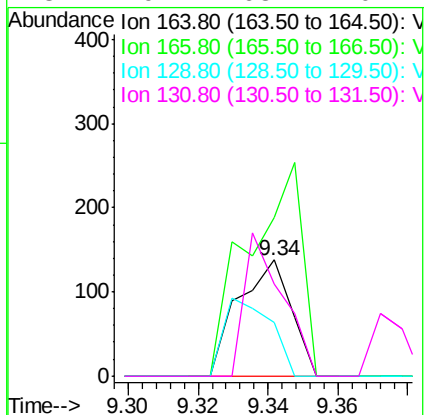
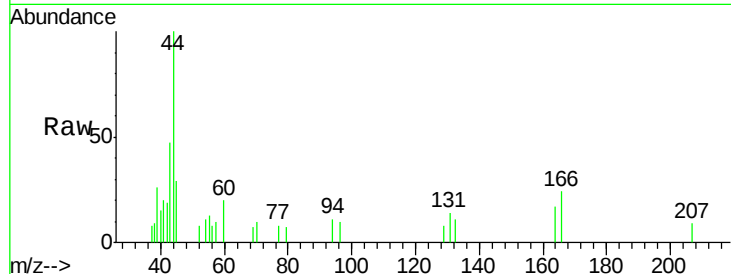




#64
Tetrachloroethene
Concen: 10.74 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

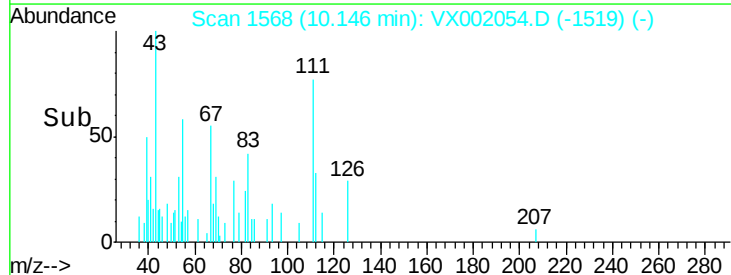
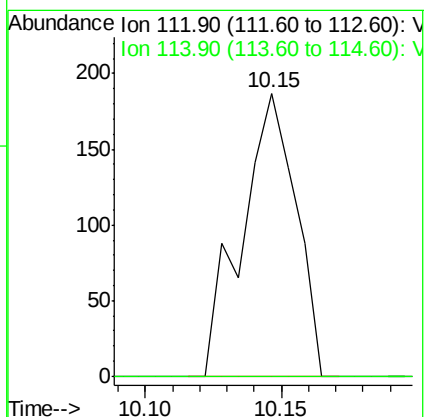
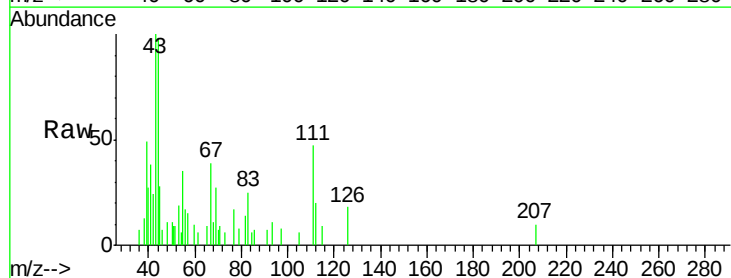
Instrument :
MSVOA_X
ClientSampleId :

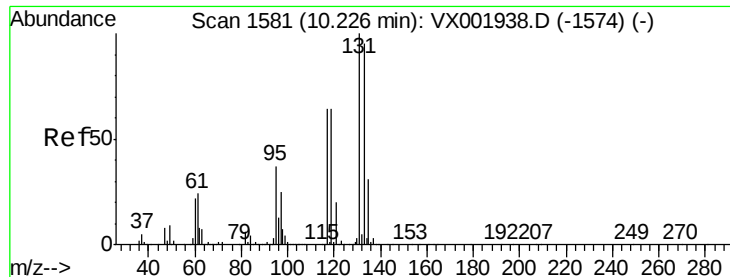
Tot Ion	Ratio	Lower	Upper
164	100		
166	137.0	102.7	154.1
129	45.7	70.3	105.5#
131	79.7	68.2	102.4



#65
Chlorobenzene
Concen: 8.68 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

Tgt Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.9	38.9#





#66

1,1,1,2-Tetrachloroethane

Concen: 9.46 ug/l

RT: 10.22 min Scan# 1580

Delta R.T. -0.01 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

ClientSampleId :

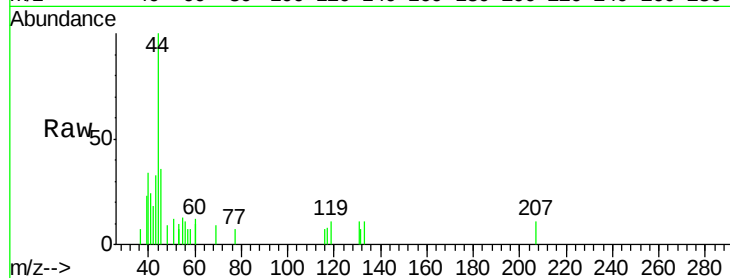
Tot Ion:131 Resp: 114

Ion Ratio Lower Upper

131 100

133 175.4 48.0 144.0#

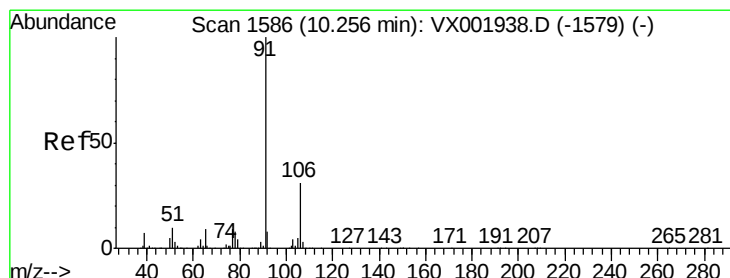
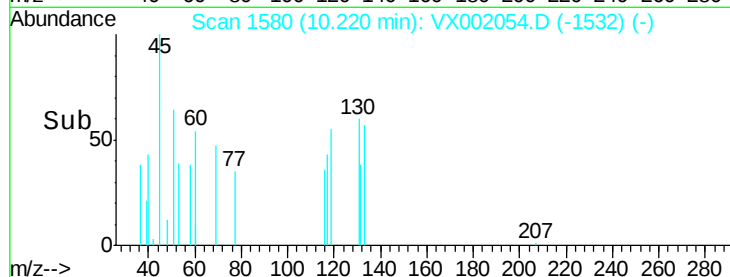
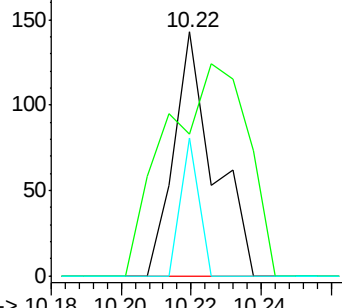
119 26.3 31.9 95.5#



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 114.03 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002054.D

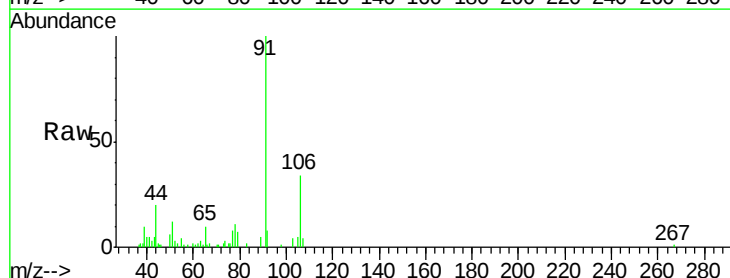
Acq: 27 May 2018 07:50

Tgt Ion: 91 Resp: 5913

Ion Ratio Lower Upper

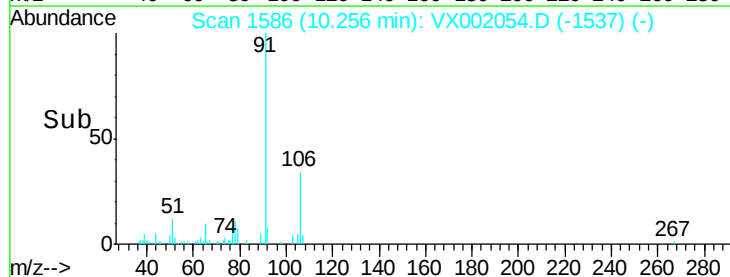
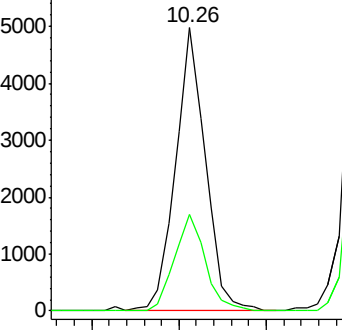
91 100

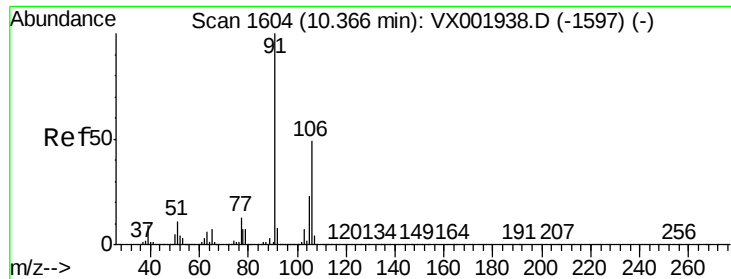
106 33.9 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

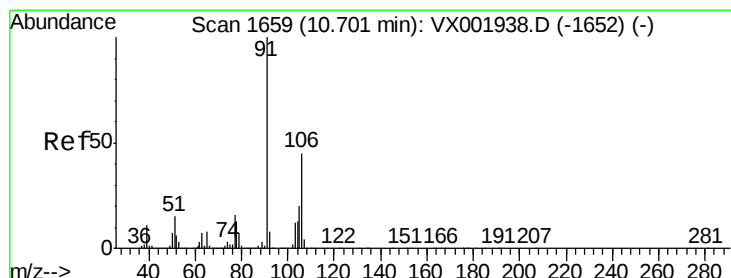
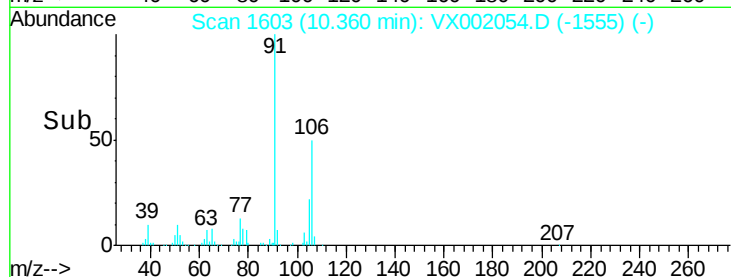
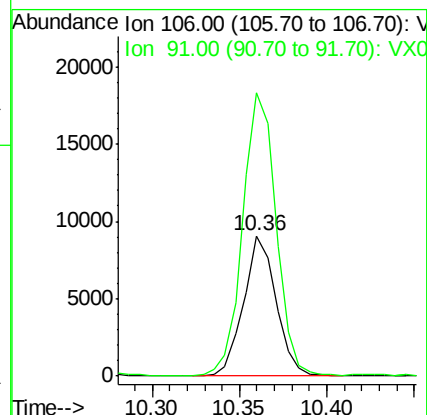
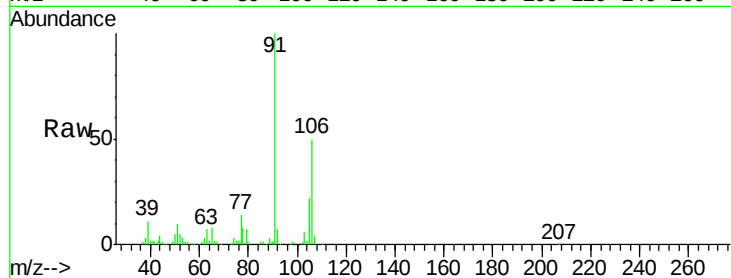




#68
m/p-Xvlenes
Concen: 592.73 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

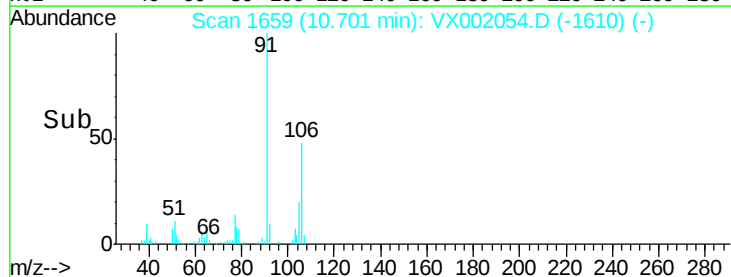
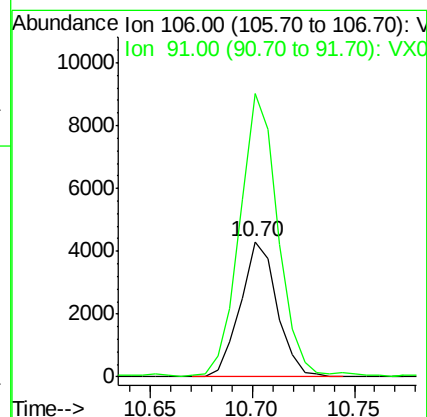
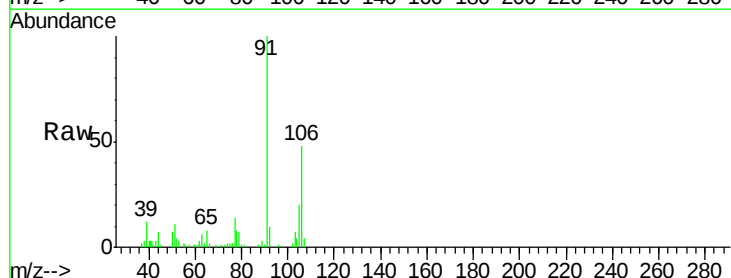
Instrument :
MSVOA_X
ClientSampleId :

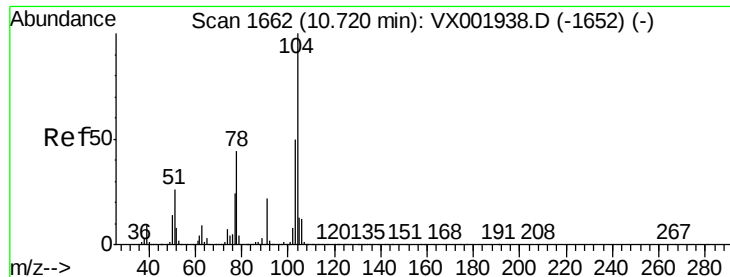
Tot Ion:106 Resp: 11749
Ion Ratio Lower Upper
106 100
91 208.4 165.0 247.6



#69
o-Xylene
Concen: 271.17 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002054.D
Acq: 27 May 2018 07:50

Tgt Ion:106 Resp: 5367
Ion Ratio Lower Upper
106 100
91 220.2 108.7 325.9





#70

Stvrene

Concen: 17.18 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. -0.01 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

ClientSampled :

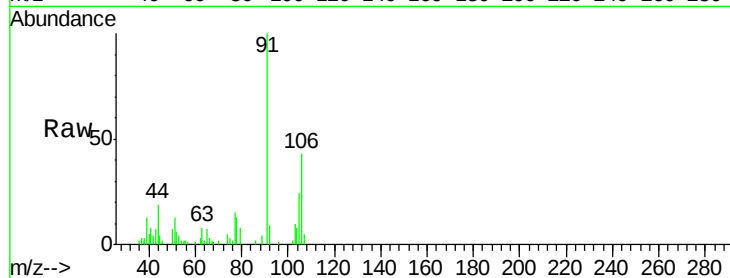
Tot Ion:104 Resp: 564

Ion Ratio Lower Upper

104 100

78 205.7 41.8 62.6#

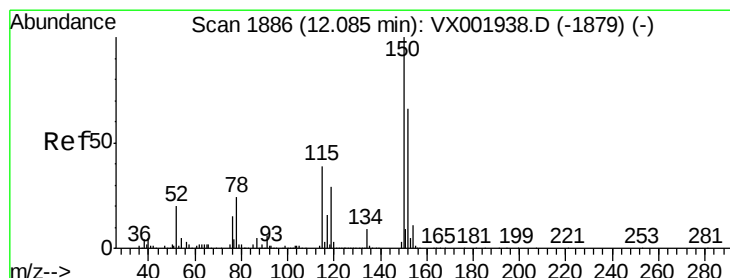
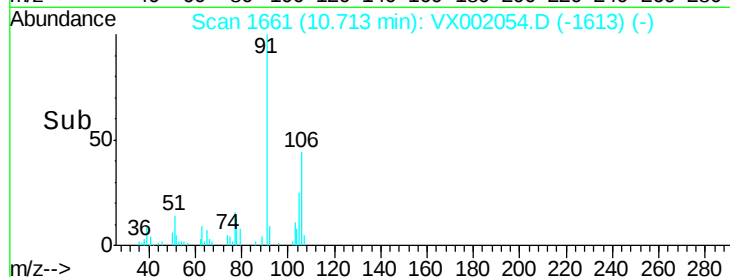
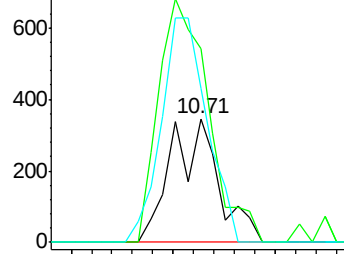
103 172.5 44.6 67.0#



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: VX002054.D

Acq: 27 May 2018 07:50

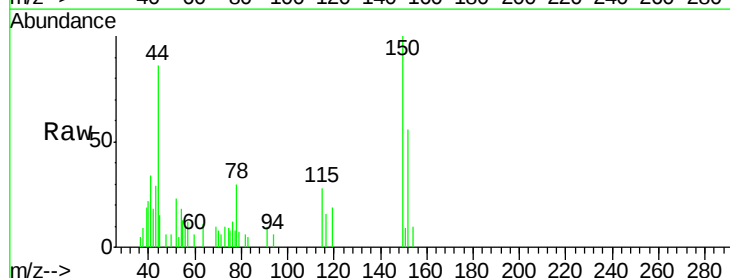
Tgt Ion:152 Resp: 780

Ion Ratio Lower Upper

152 100

115 65.0 42.3 126.8

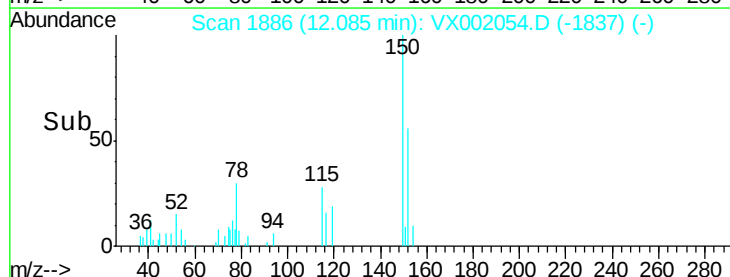
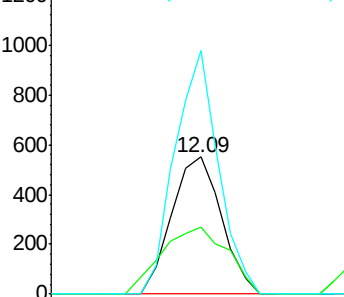
150 155.0 0.0 351.0

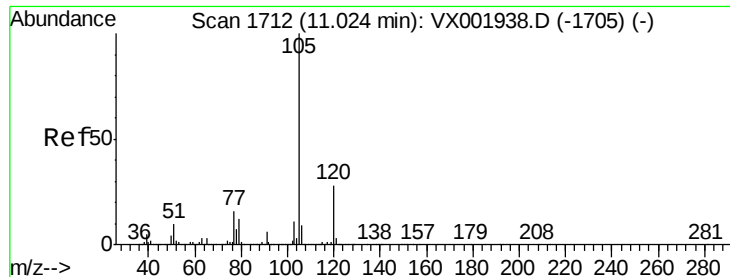


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 8.48 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

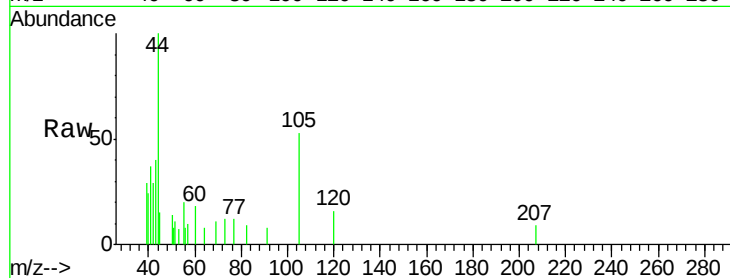
ClientSampleId :

Tot Ion:105 Resp: 560

Ion Ratio Lower Upper

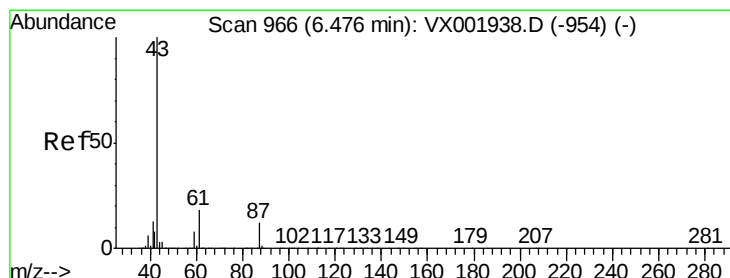
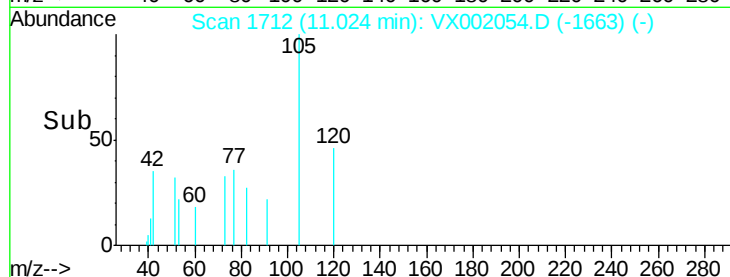
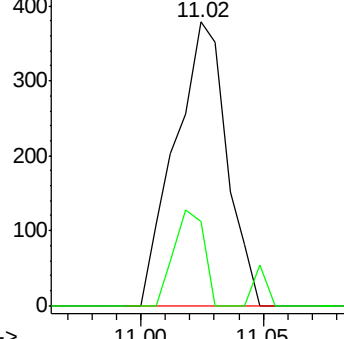
105 100

120 19.5 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: 5.20 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Tgt Ion: 43 Resp: 275

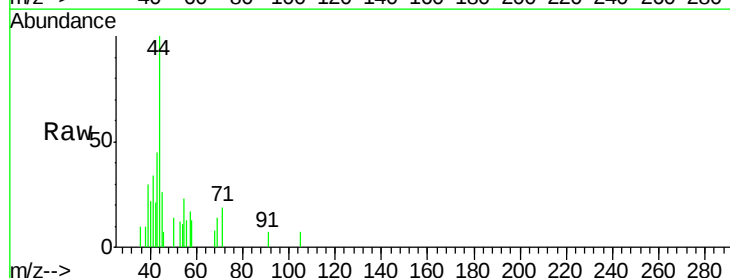
Ion Ratio Lower Upper

43 100

70 31.3 0.1 0.1#

55 79.3 0.1 0.1#

61 0.0 14.5 21.7#

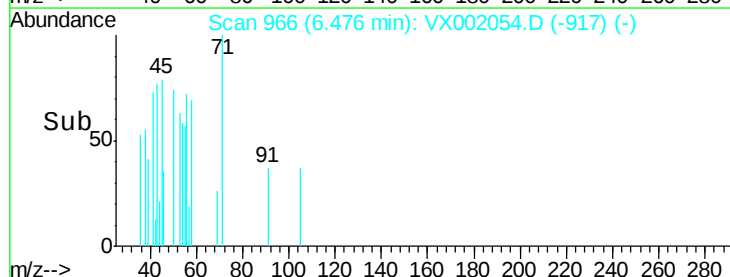
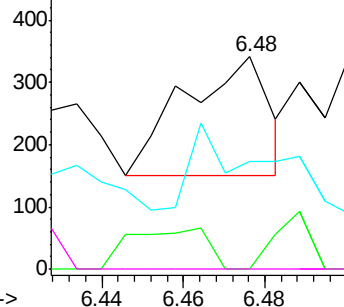


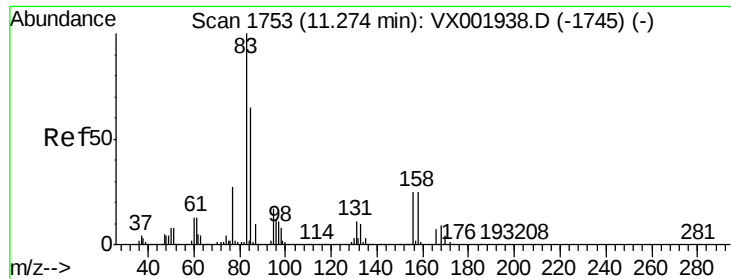
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.71 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

ClientSampleId :

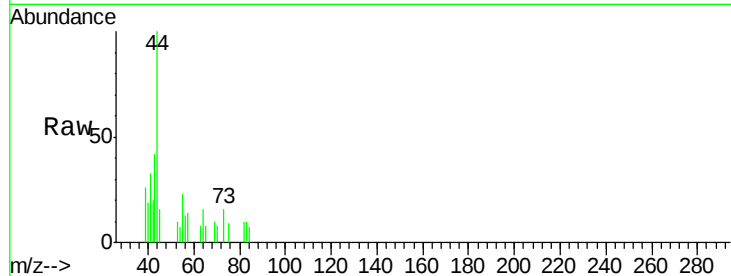
Tot Ion: 83 Resp: 53

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.0#

85 0.0 32.6 97.7#



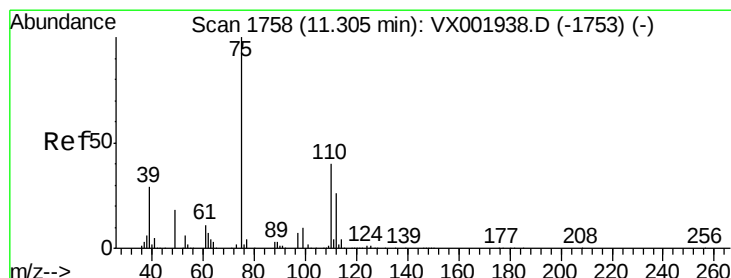
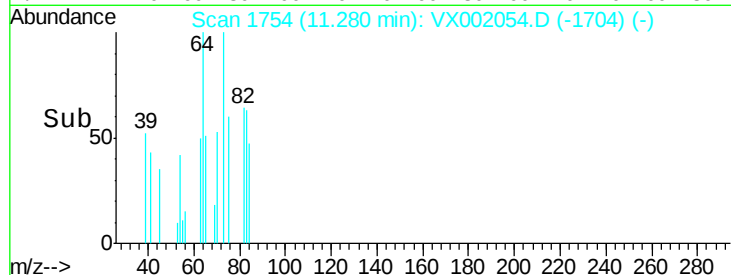
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

11.28

Time-->



#76

1,2,3-Trichloropropane

Concen: 852.51 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002054.D

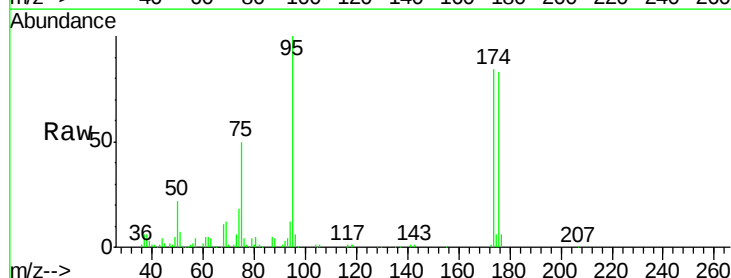
Acq: 27 May 2018 07:50

Tgt Ion: 75 Resp: 15972

Ion Ratio Lower Upper

75 100

77 1.9 22.8 68.3#

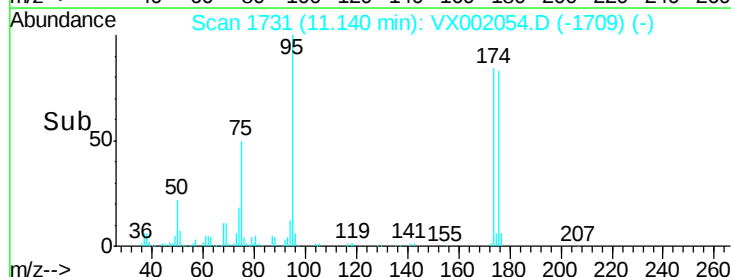


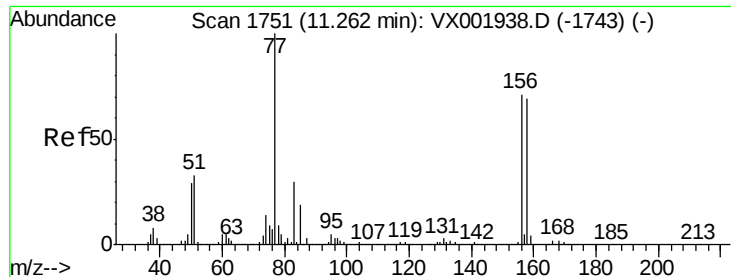
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.14

Time-->





#77

Bromobenzene

Concen: 1.08 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

ClientSampleId :

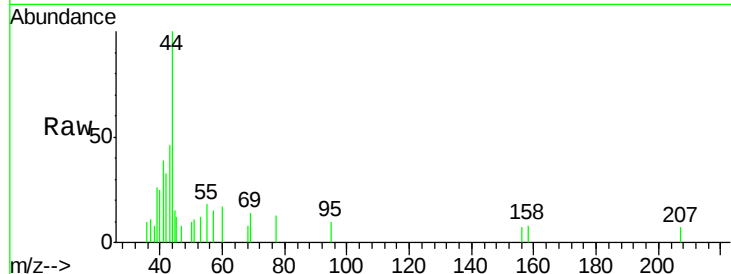
Tot Ion:156 Resp: 19

Ion Ratio Lower Upper

156 100

77 521.1 75.2 225.6#

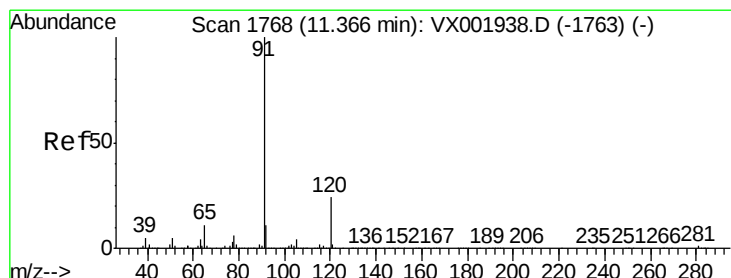
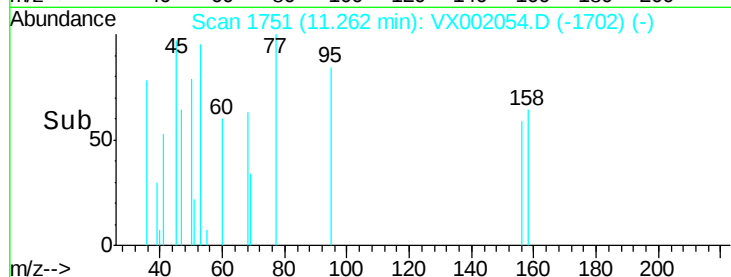
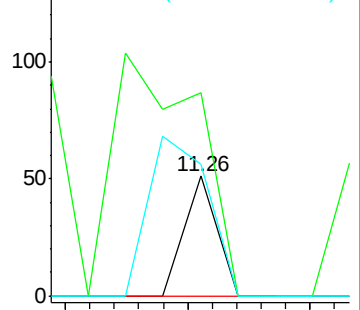
158 236.8 48.6 145.8#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.57 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002054.D

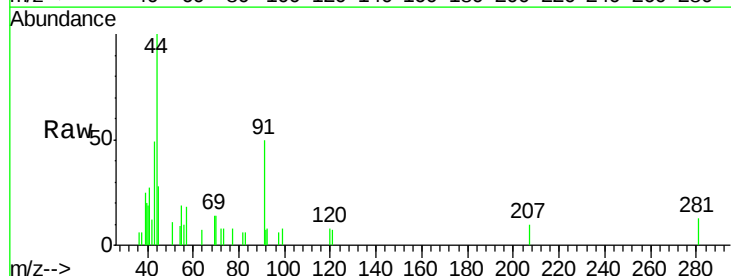
Acq: 27 May 2018 07:50

Tgt Ion: 91 Resp: 782

Ion Ratio Lower Upper

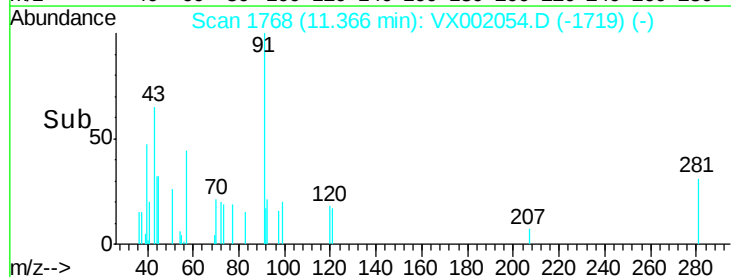
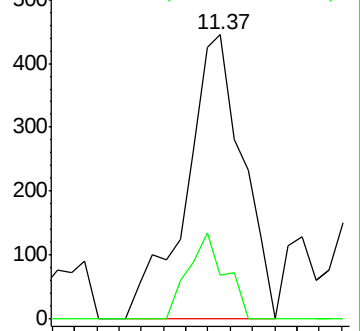
91 100

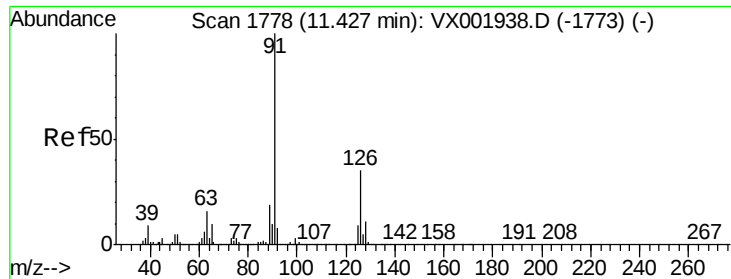
120 19.7 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 9.72 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.09 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

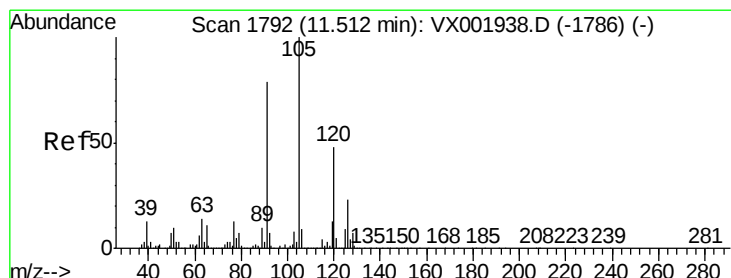
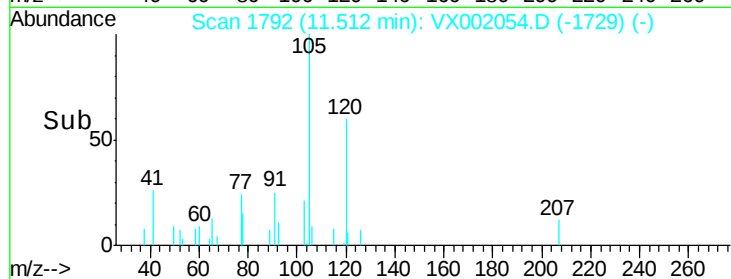
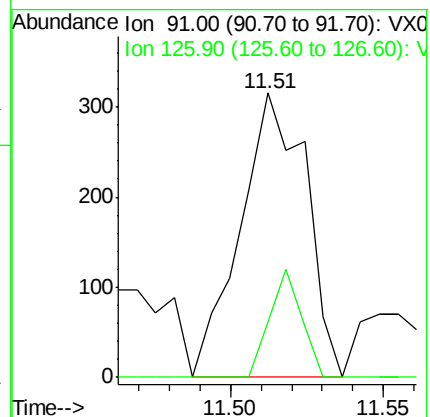
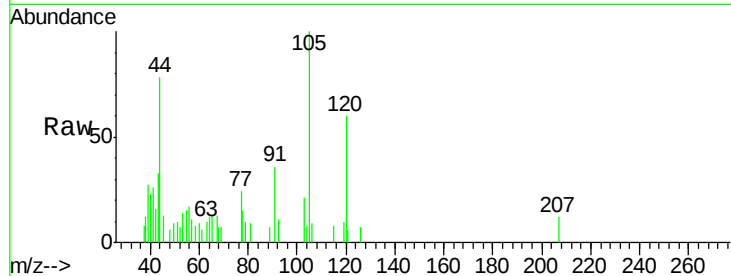
ClientSampled :

Tot Ion: 91 Resp: 470

Ion Ratio Lower Upper

91 100

126 18.3 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 24.27 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX002054.D

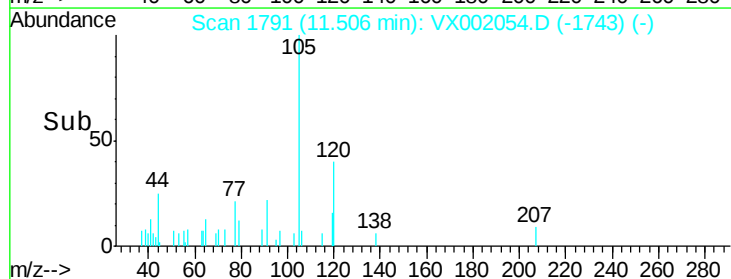
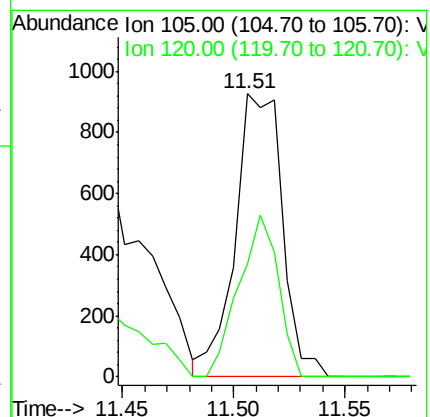
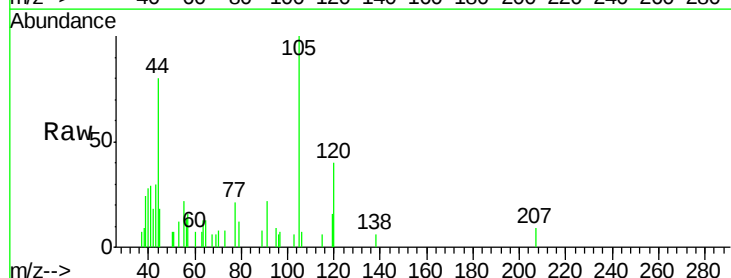
Acq: 27 May 2018 07:50

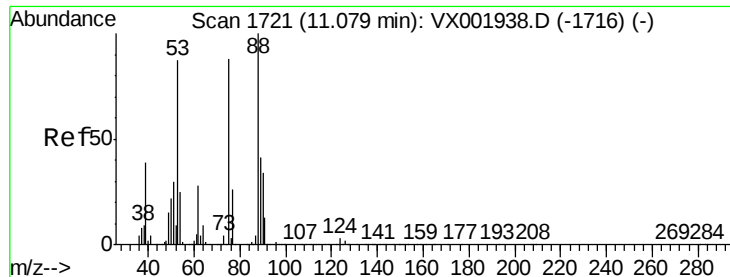
Tgt Ion:105 Resp: 1370

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 2048.95 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

ClientSampleId :

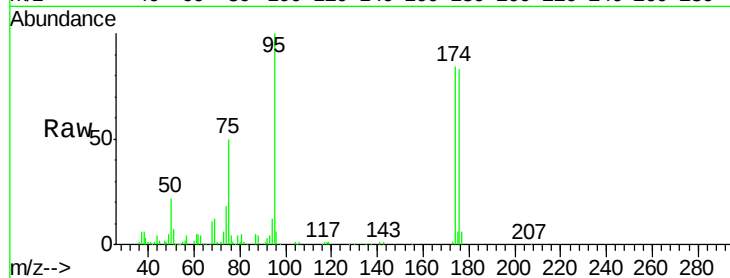
Tot Ion: 75 Resp: 15972

Ion Ratio Lower Upper

75 100

53 0.7 78.0 117.0#

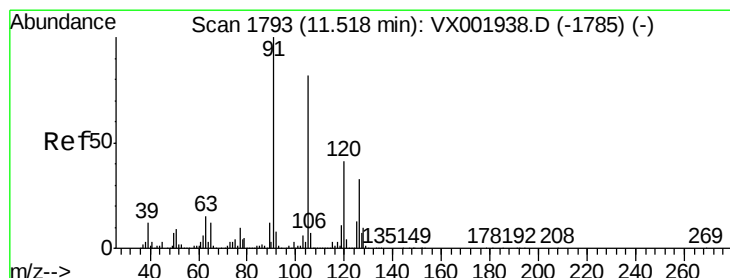
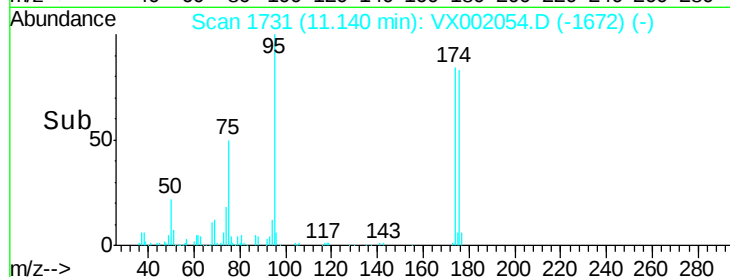
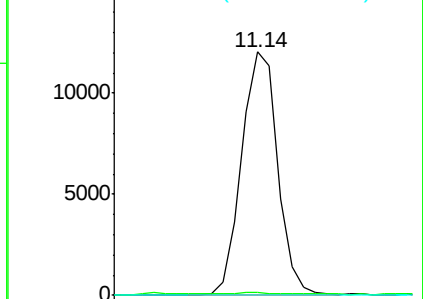
89 0.0 39.4 59.2#



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: 9.01 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX002054.D

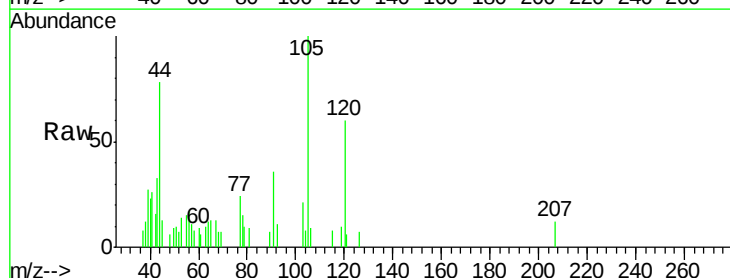
Acq: 27 May 2018 07:50

Tgt Ion: 91 Resp: 470

Ion Ratio Lower Upper

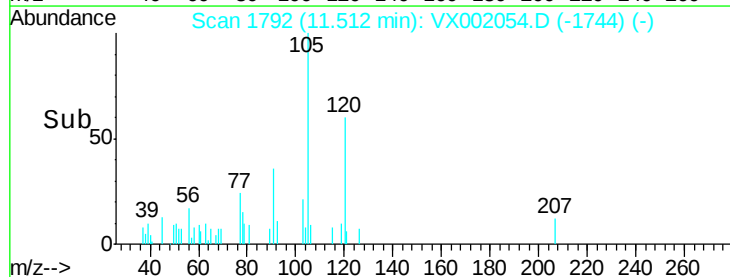
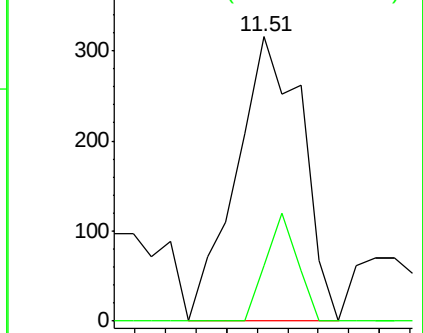
91 100

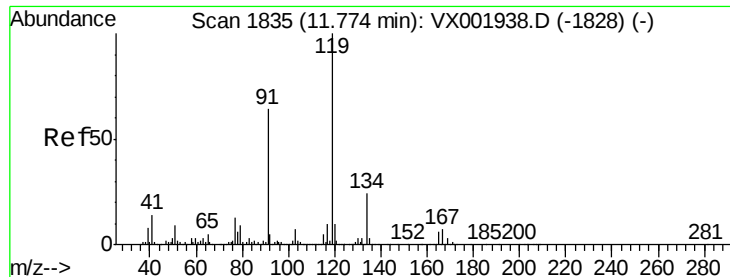
126 18.3 15.3 45.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 1.43 ug/l

RT: 11.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

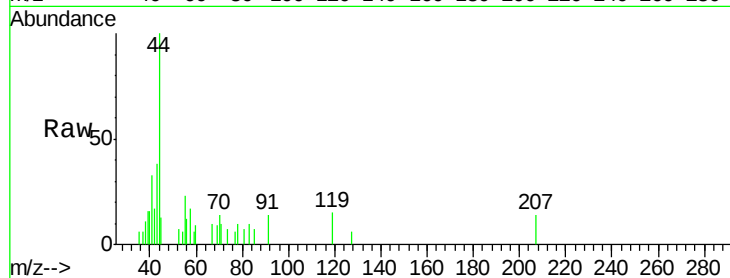
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:119 Resp: 79

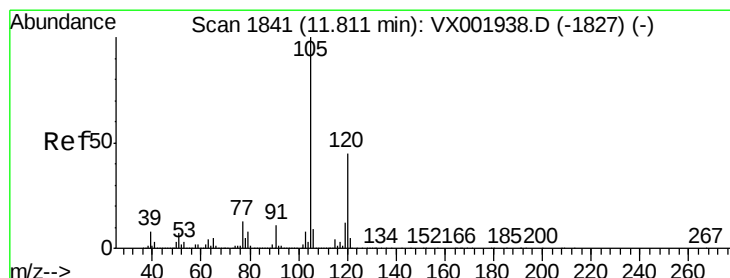
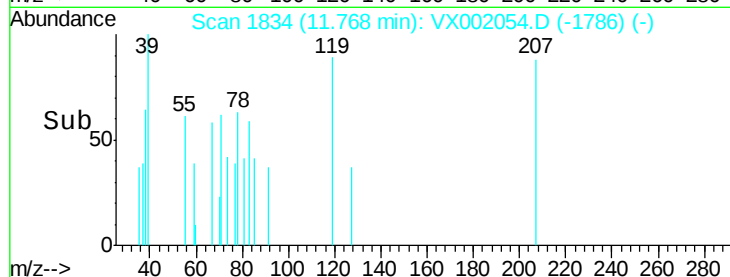
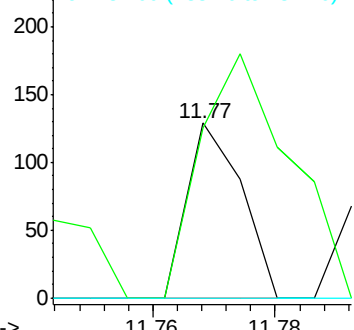
Ion	Ratio	Lower	Upper
119	100		
91	232.9	30.6	91.8#
134	0.0	11.7	35.0#



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: 62.45 ug/l

RT: 11.81 min Scan# 1841

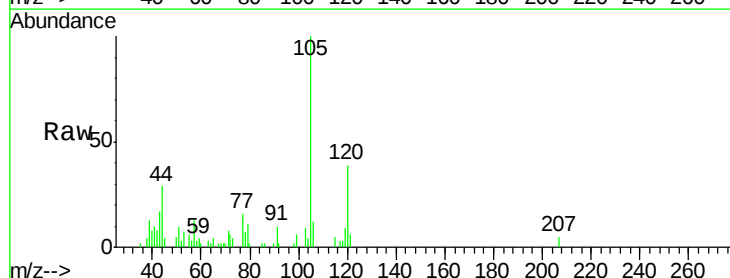
Delta R.T. -0.00 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

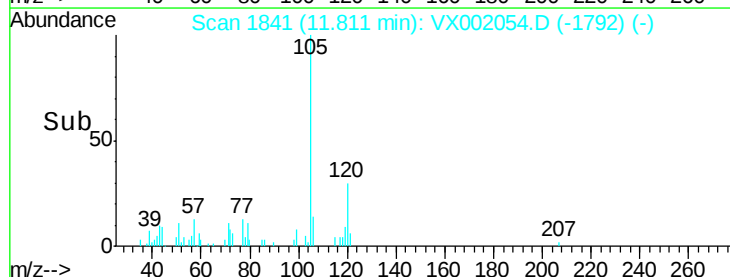
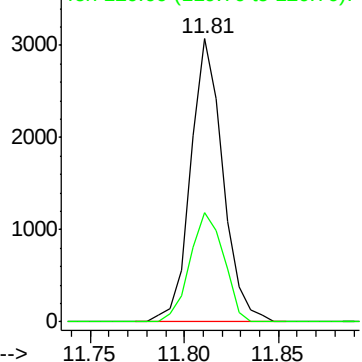
Tgt Ion:105 Resp: 3643

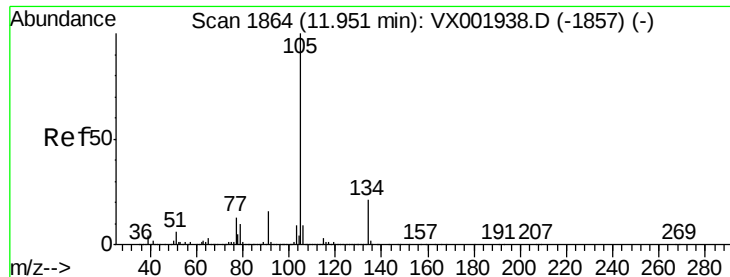
Ion	Ratio	Lower	Upper
105	100		
120	40.7	22.1	66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 5.74 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

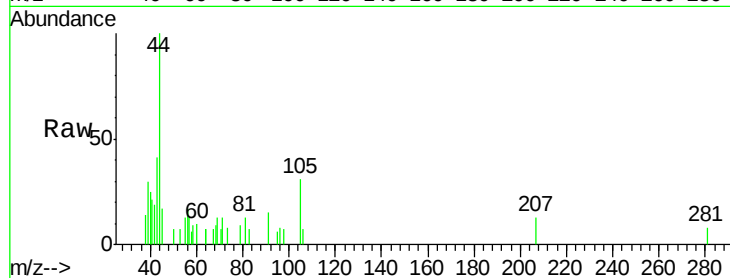
ClientSampleId :

Tot Ion:105 Resp: 382

Ion Ratio Lower Upper

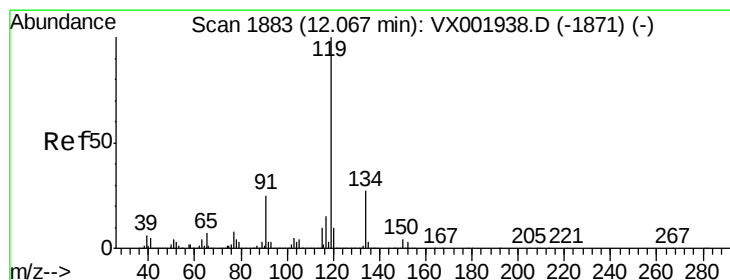
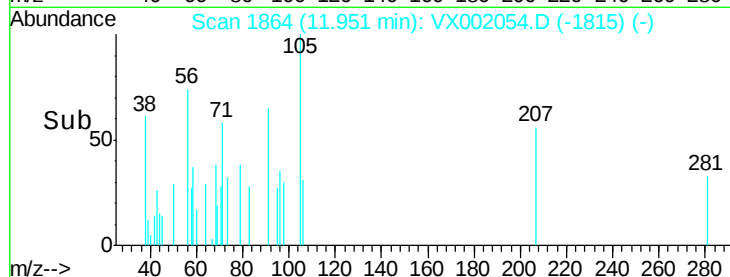
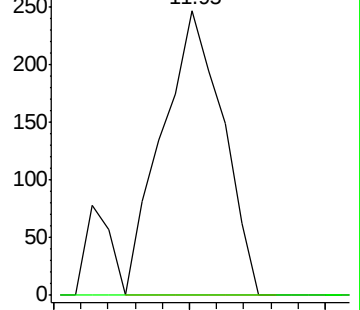
105 100

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: 16.92 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

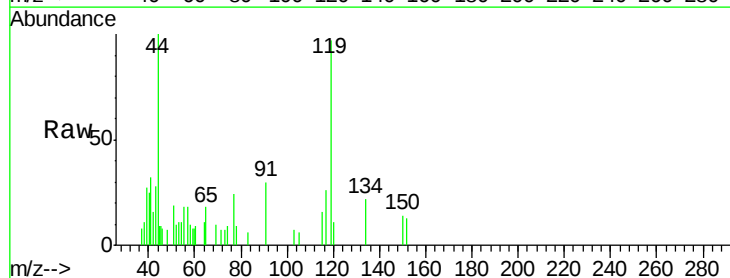
Tgt Ion:119 Resp: 1008

Ion Ratio Lower Upper

119 100

134 30.4 13.6 40.8

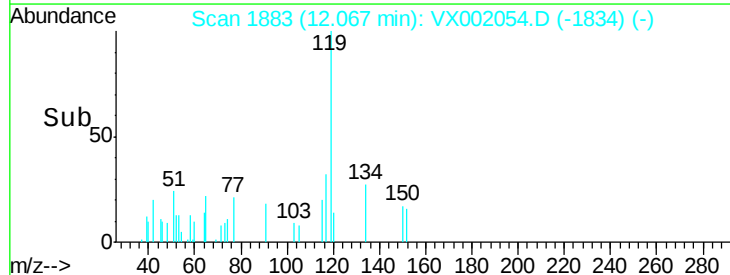
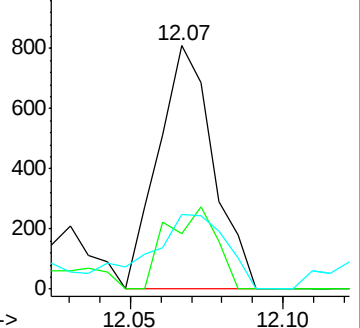
91 43.6 12.2 36.4#

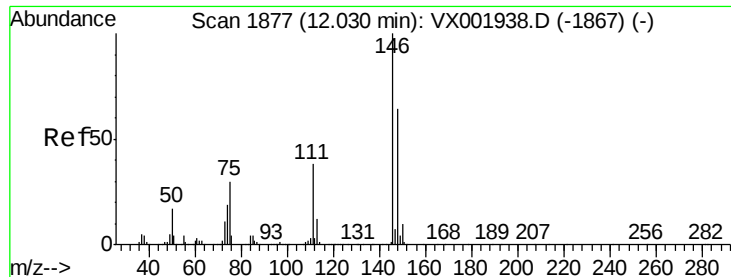


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

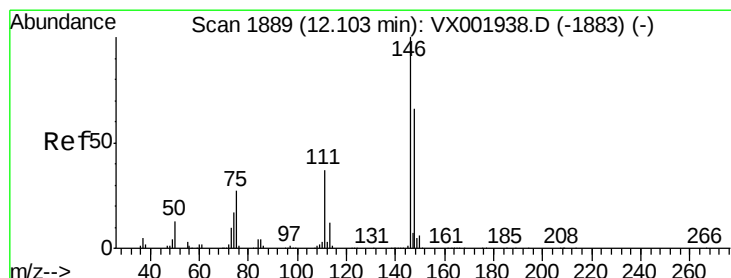
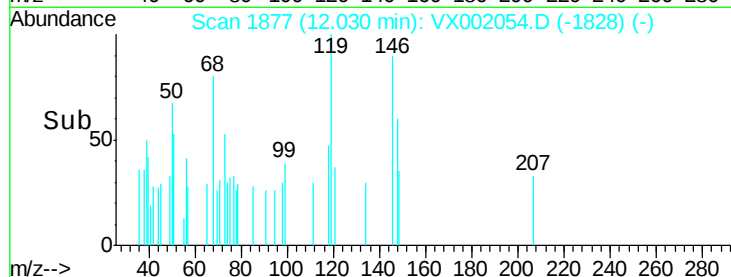
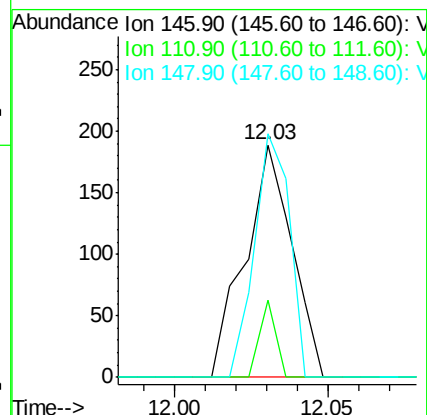
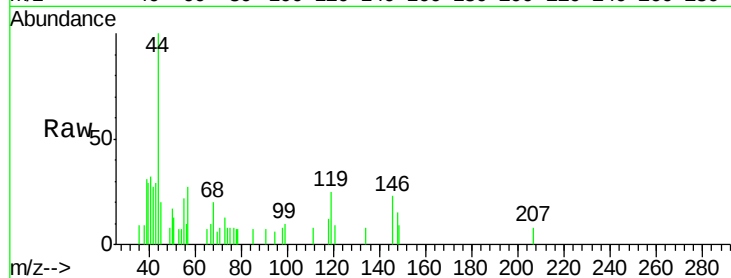




#87
 1,3-Dichlorobenzene
 Concen: 6.40 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002054.D
 Acq: 27 May 2018 07:50

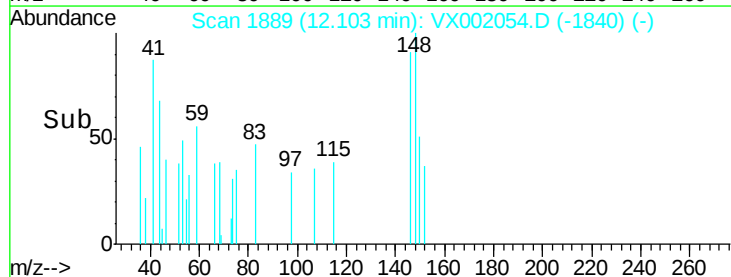
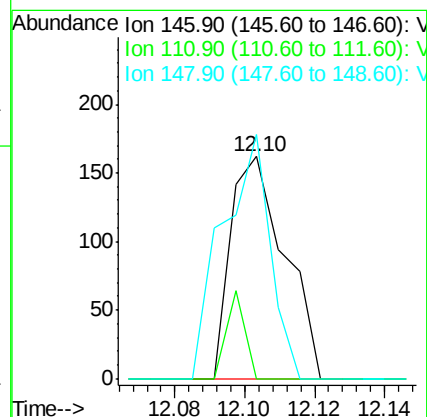
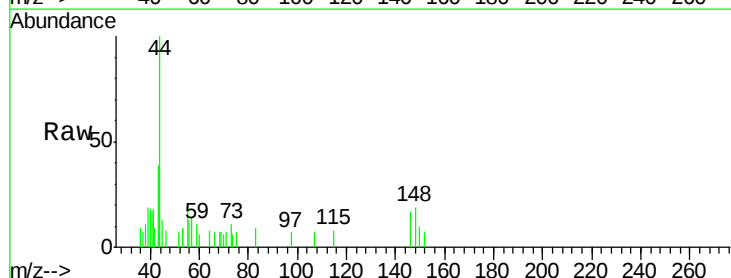
Instrument :
 MSVOA_X
 ClientSampleId :

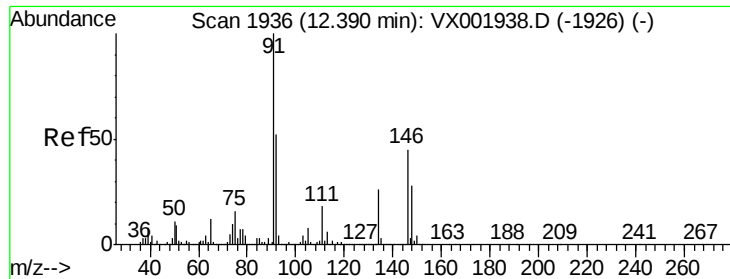
Tot Ion	Ratio	Lower	Upper
146	100		
111	11.4	19.3	57.8#
148	78.1	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 5.55 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002054.D
 Acq: 27 May 2018 07:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	13.2	18.9	56.5#
148	96.6	32.3	96.8





#89

n-Butylbenzene

Concen: 13.85 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

ClientSampleId :

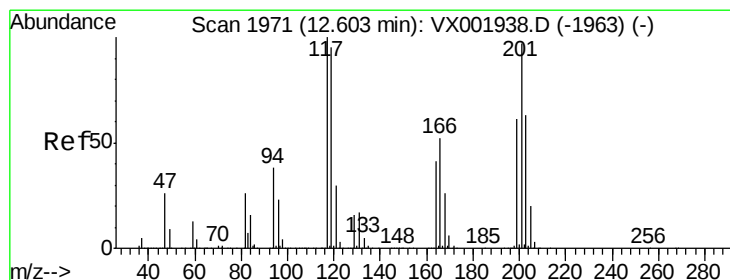
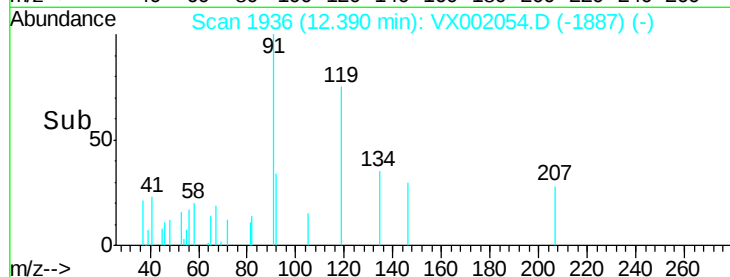
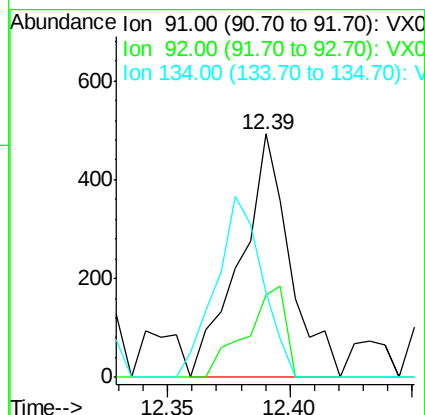
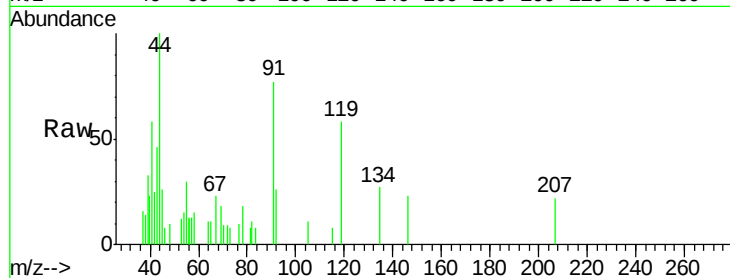
Tot Ion: 91 Resp: 699

Ion Ratio Lower Upper

91 100

92 29.8 26.3 78.9

134 69.2 13.6 40.7#



#90

Hexachloroethane

Concen: 12.59 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX002054.D

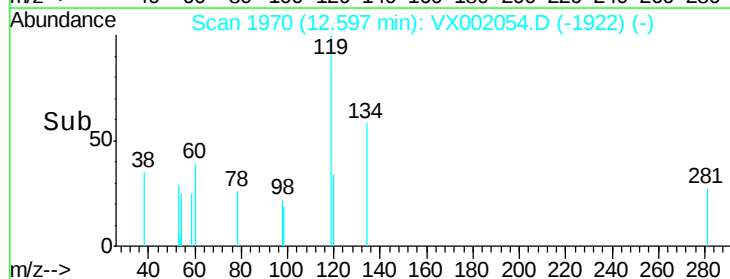
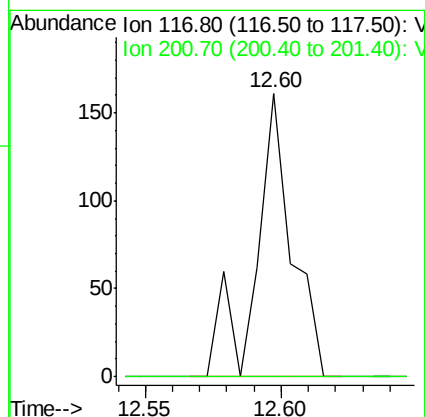
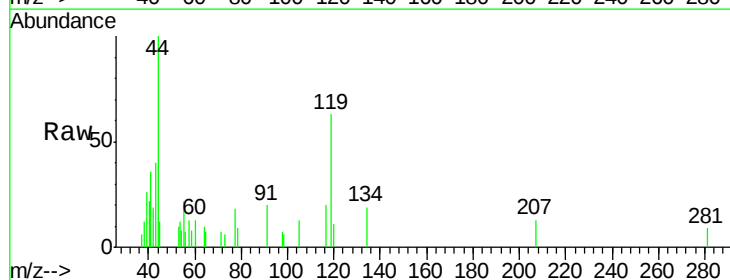
Acq: 27 May 2018 07:50

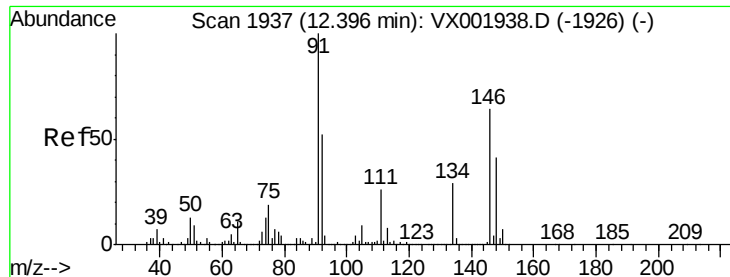
Tgt Ion: 117 Resp: 148

Ion Ratio Lower Upper

117 100

201 0.0 48.0 144.0#

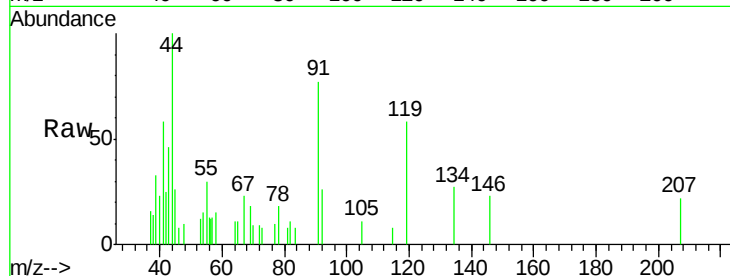




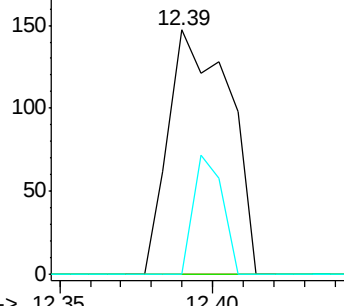
#91
 1,2-Dichlorobenzene
 Concen: 6.35 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VX002054.D
 Acq: 27 May 2018 07:50

Instrument :
 MSVOA_X
 ClientSampleId :

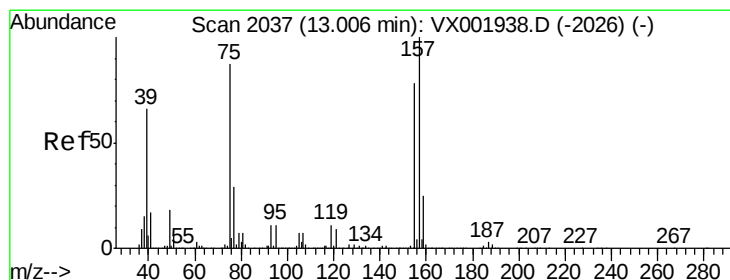
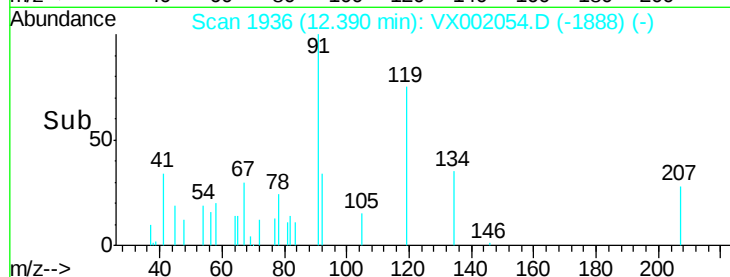
Tot Ion:146 Resp: 203
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.8 59.3#
 148 23.6 32.1 96.5#



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

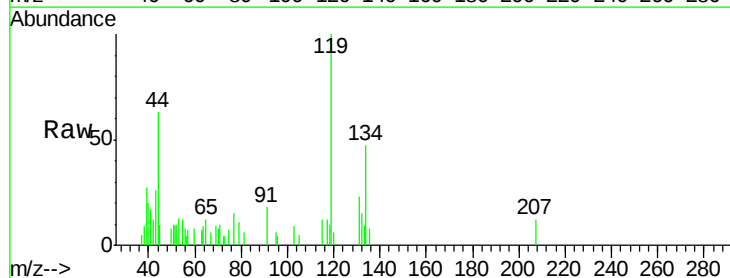


Time--> 12.35 12.40

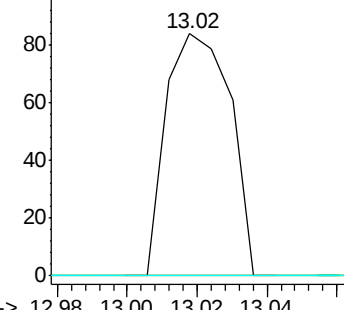


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.22 ug/l
 RT: 13.02 min Scan# 2039
 Delta R.T. 0.01 min
 Lab File: VX002054.D
 Acq: 27 May 2018 07:50

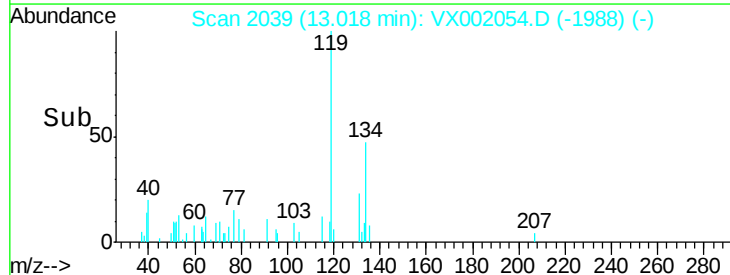
Tgt Ion: 75 Resp: 107
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.1 135.2#
 157 0.0 58.1 174.2#

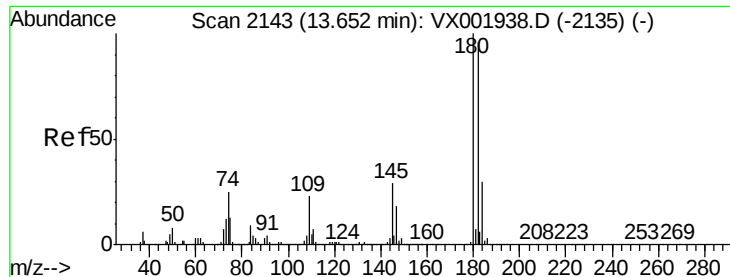


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



Time--> 12.98 13.00 13.02 13.04





#93

1,2,4-Trichlorobenzene

Concen: 13.64 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX002054.D

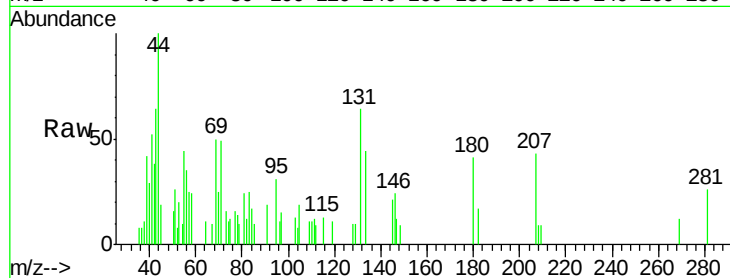
Acq: 27 May 2018 07:50

Instrument :

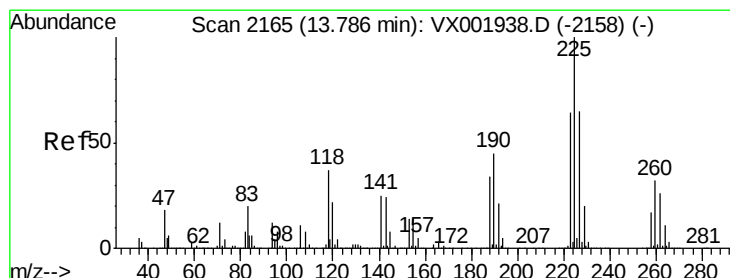
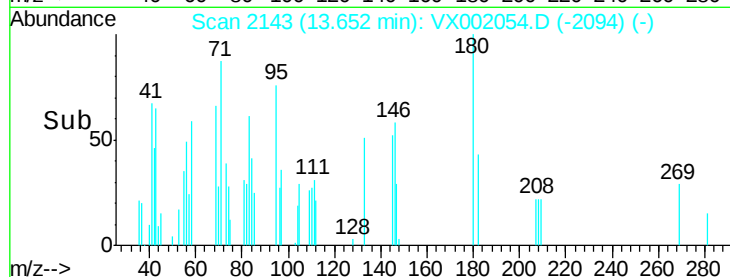
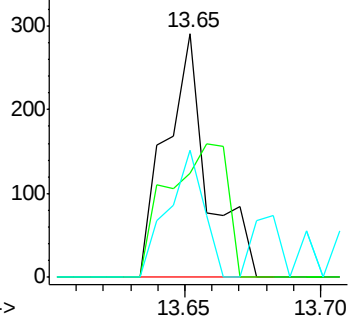
MSVOA_X

ClientSampled :

Tot Ion:	180	Resp:	312
Ion	Ratio	Lower	Upper
180	100		
182	76.9	47.7	143.1
145	44.6	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



#94

Hexachlorobutadiene

Concen: 1.95 ug/l

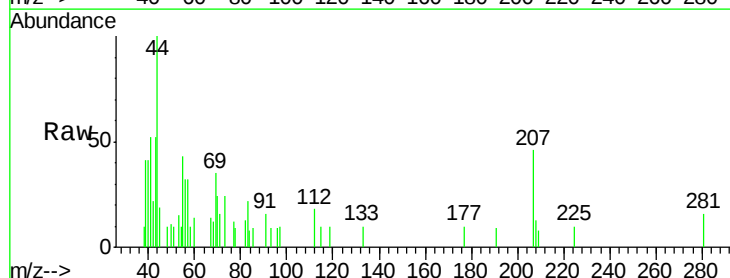
RT: 13.79 min Scan# 2166

Delta R.T. 0.01 min

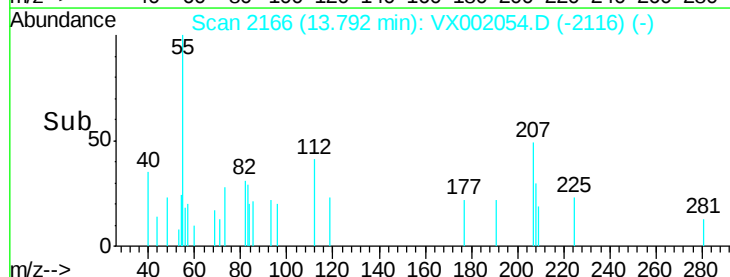
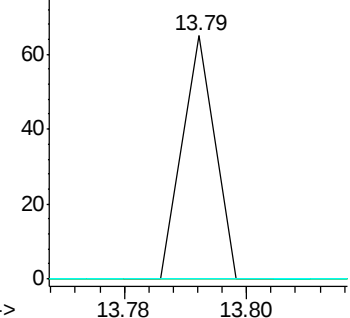
Lab File: VX002054.D

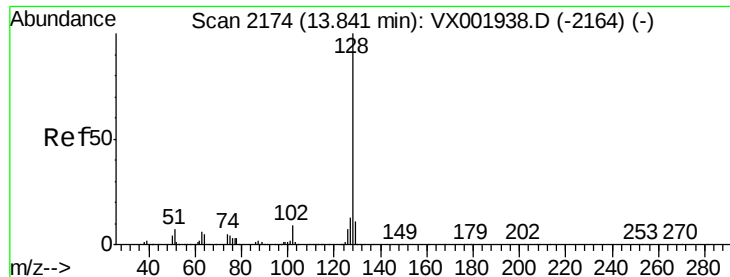
Acq: 27 May 2018 07:50

Tgt Ion:	225	Resp:	24
Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.1	93.5#
227	0.0	32.1	96.5#



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 9768.83 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

Instrument :

MSVOA_X

ClientSampleId :

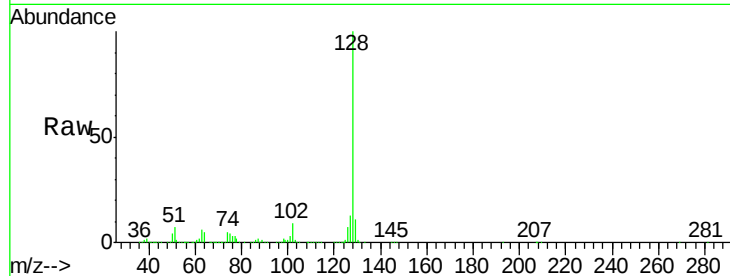
Tot Ion:128 Resp: 688182

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

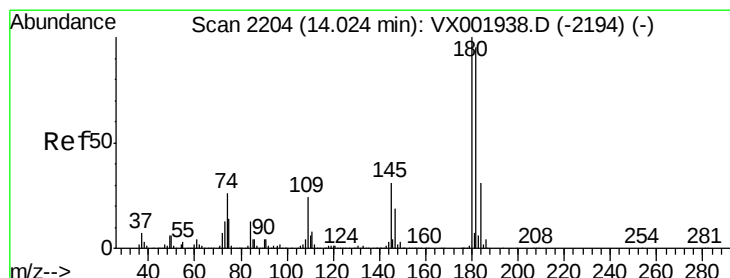
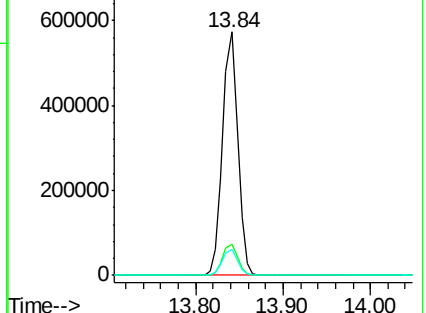
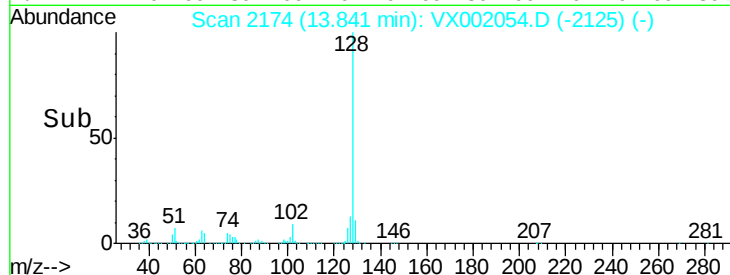
129 10.8 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 8.58 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002054.D

Acq: 27 May 2018 07:50

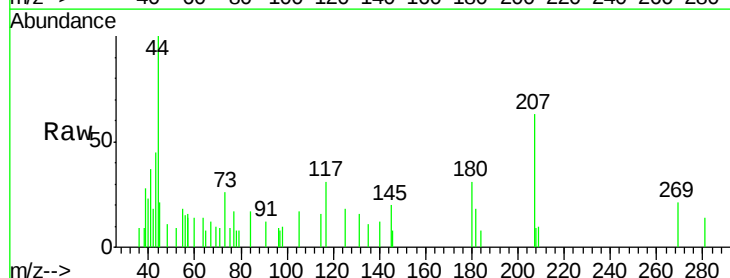
Tgt Ion:180 Resp: 203

Ion Ratio Lower Upper

180 100

182 75.4 47.9 143.6

145 64.5 15.1 45.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

