

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002052.D
 Acq On : 27 May 2018 06:57
 Operator : JC/MD
 Sample : J2679-30
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 28 00:50:26 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	1120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	1778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	842	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	32639	1630.32	ug/l	0.00
Spiked Amount	50.000		Recovery	= 3260.64%		
35) Dibromofluoromethane	5.51	113	23565	1325.36	ug/l	0.00
Spiked Amount	50.000		Recovery	= 2650.72%		
50) Toluene-d8	8.72	98	68097	1057.90	ug/l	0.00
Spiked Amount	50.000		Recovery	= 2115.80%		
62) 4-Bromofluorobenzene	11.14	95	23285	924.55	ug/l	0.00
Spiked Amount	50.000		Recovery	= 1849.10%		

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61	2.42	ug/l #	41
3) Chloromethane	1.33	50	1157	67.14	ug/l #	81
4) Vinyl Chloride	1.42	62	83	4.99	ug/l #	25
5) Bromomethane	1.65	94	889	117.37	ug/l #	60
6) Chloroethane	1.72	64	23	2.34	ug/l #	43
7) Trichlorofluoromethane	1.93	101	103	4.12	ug/l #	76
8) Diethyl Ether	2.18	74	336	37.06	ug/l	58
9) 1,1,2-Trichlorotrifluoroet	2.37	101	60	4.30	ug/l #	13
10) Methyl Iodide	2.53	142	810	42.93	ug/l #	95
11) Tert butyl alcohol	3.02	59	4050	1030.59	ug/l #	85
12) 1,1-Dichloroethene	2.37	96	454	34.78	ug/l #	19
13) Acrolein	2.31	56	383	225.41	ug/l #	82
14) Allyl chloride	2.72	41	282	10.29	ug/l #	53
15) Acrylonitrile	3.16	53	75	9.28	ug/l #	55
16) Acetone	2.45	43	18504	2394.92	ug/l	99
17) Carbon Disulfide	2.57	76	1115	29.68	ug/l	97
18) Methyl Acetate	2.78	43	27094	1488.38	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	188	3.83	ug/l #	67
20) Methylene Chloride	2.86	84	94202	7282.87	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	197	14.37	ug/l #	36
22) Diisopropyl ether	3.89	45	131	2.35	ug/l #	38
23) Vinyl Acetate	3.83	43	117	2.53	ug/l #	74
24) 1,1-Dichloroethane	3.71	63	87	3.29	ug/l #	1
25) 2-Butanone	4.71	43	3231	228.16	ug/l	96
26) 2,2-Dichloropropane	4.46	77	99	3.69	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	107	6.29	ug/l #	1
28) Bromochloromethane	5.01	49	42	1.80	ug/l #	14
29) Tetrahydrofuran	5.18	42	1467	159.23	ug/l #	76
30) Chloroform	5.21	83	3663	122.80	ug/l	96
31) Cyclohexane	5.57	56	249	9.03	ug/l #	72
32) 1,1,1-Trichloroethane	5.48	97	30	1.08	ug/l #	23
36) 1,1-Dichloropropene	5.81	75	99	4.00	ug/l #	17
37) Ethyl Acetate	4.89	43	205	6.36	ug/l #	31
38) Carbon Tetrachloride	5.73	117	21	0.73	ug/l #	11

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	500	16.46	ug/l #	35
40) Benzene	6.15	78	846	11.68	ug/l #	84
41) Methacrylonitrile	5.29	41	92	4.16	ug/l	98
42) 1,2-Dichloroethane	6.21	62	20	0.69	ug/l #	1
43) Isopropyl Acetate	6.49	43	138	2.57	ug/l #	63
44) Trichloroethene	7.22	130	70	3.32	ug/l	2
45) 1,2-Dichloropropane	7.54	63	19	0.97	ug/l #	45
46) Dibromomethane	7.65	93	22	1.69	ug/l #	1
47) Bromodichloromethane	7.90	83	960	34.56	ug/l #	96
48) Methyl methacrylate	7.80	41	84	3.07	ug/l #	17
51) 4-Methyl-2-Pentanone	8.66	43	1618	49.96	ug/l	94
52) Toluene	8.79	92	672	14.57	ug/l	85
54) cis-1,3-Dichloropropene	9.04	75	75	2.41	ug/l #	58
55) 1,1,2-Trichloroethane	9.16	97	32	1.66	ug/l #	15
56) Ethyl methacrylate	9.21	69	151	4.56	ug/l #	57
57) 1,3-Dichloropropane	9.38	76	41	1.29	ug/l #	52
58) 2-Chloroethyl Vinyl ether	8.49	63	31	2.11	ug/l #	48
59) 2-Hexanone	9.51	43	549	21.99	ug/l	98
60) Dibromochloromethane	9.59	129	237	10.39	ug/l	89
64) Tetrachloroethene	9.34	164	275	17.94	ug/l #	74
65) Chlorobenzene	10.15	112	343	10.13	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	10.44	131	24	1.75	ug/l #	8
67) Ethyl Benzene	10.26	91	2273	38.63	ug/l	91
68) m/p-Xylenes	10.36	106	2491	110.74	ug/l	97
69) o-Xylene	10.70	106	1981	88.20	ug/l	96
70) Styrene	10.72	104	383	10.28	ug/l #	1
73) Isopropylbenzene	11.02	105	1187	16.65	ug/l	100
74) N-amyl acetate	6.49	43	138	0.62	ug/l #	59
75) 1,1,1,2-Tetrachloroethane	11.24	83	35	0.54	ug/l #	25
76) 1,2,3-Trichloropropane	11.14	75	11680	577.52	ug/l #	34
77) Bromobenzene	11.26	156	52	2.75	ug/l #	1
78) n-propylbenzene	11.37	91	2631	32.95	ug/l	97
79) 2-Chlorotoluene	11.43	91	2454	56.31	ug/l #	46
80) 1,3,5-Trimethylbenzene	11.51	105	5823	95.56	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.14	75	11680	1388.02	ug/l #	11
82) 4-Chlorotoluene	11.51	91	1332	23.65	ug/l #	47
83) tert-Butylbenzene	12.03	119	1453	24.30	ug/l	80
84) 1,2,4-Trimethylbenzene	11.81	105	26066	413.95	ug/l	98
85) sec-Butylbenzene	11.95	105	1120	15.58	ug/l	80
86) p-Isopropyltoluene	12.07	119	1253	19.48	ug/l #	80
87) 1,3-Dichlorobenzene	12.03	146	280	8.26	ug/l	88
88) 1,4-Dichlorobenzene	12.10	146	282	8.33	ug/l	90
89) n-Butylbenzene	12.39	91	1744	32.00	ug/l #	36
90) Hexachloroethane	12.59	117	476	37.52	ug/l #	2
91) 1,2-Dichlorobenzene	12.40	146	359	10.40	ug/l	76
92) 1,2-Dibromo-3-Chloropropan	13.02	75	71	11.20	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	357	14.46	ug/l #	42
95) Naphthalene	13.84	128	107793	1417.46	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	171	6.70	ug/l #	1

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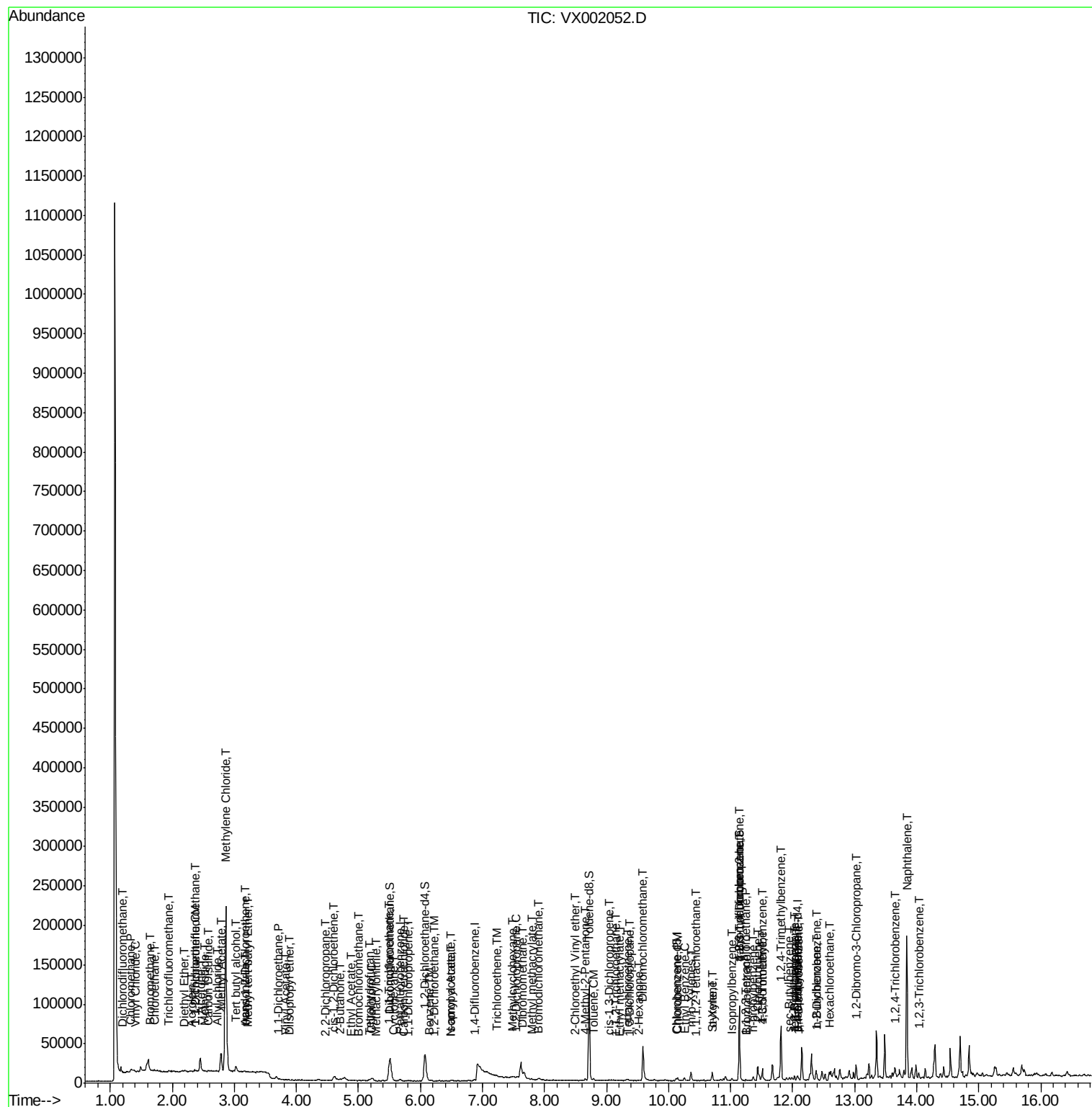
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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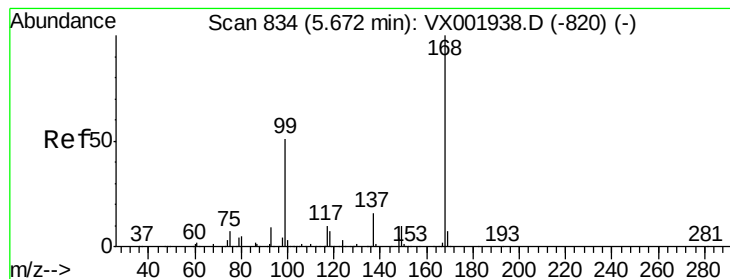
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

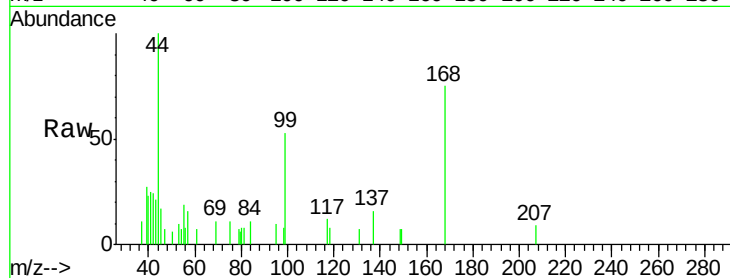
ClientSampled :

Tot Ion:168 Resp: 1120

Ion Ratio Lower Upper

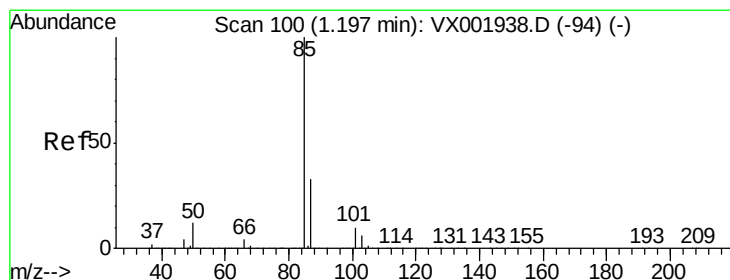
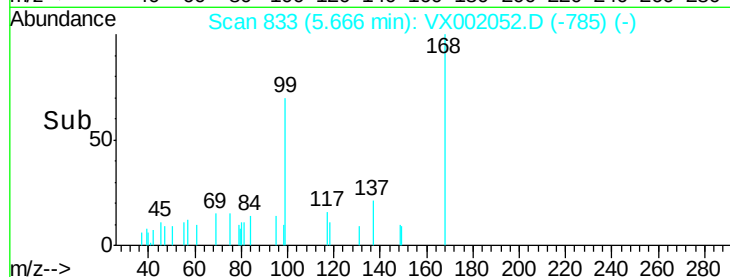
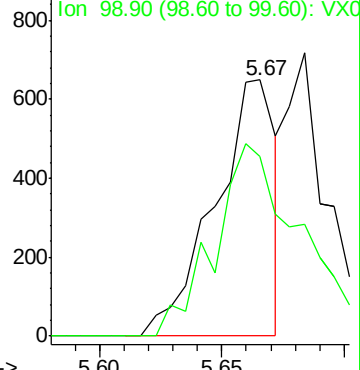
168 100

99 70.1 41.0 61.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 2.42 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002052.D

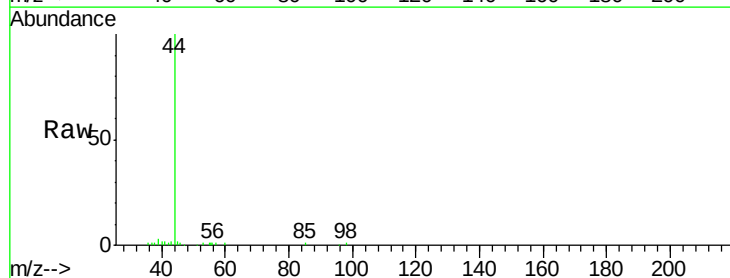
Acq: 27 May 2018 06:57

Tgt Ion: 85 Resp: 61

Ion Ratio Lower Upper

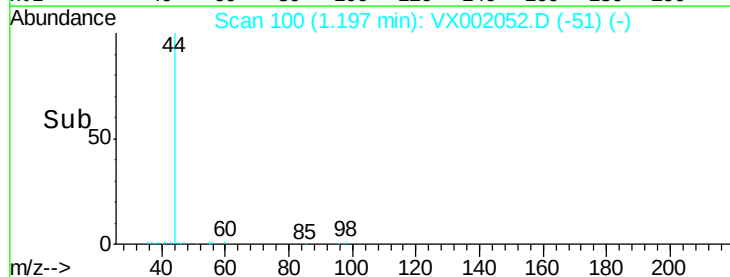
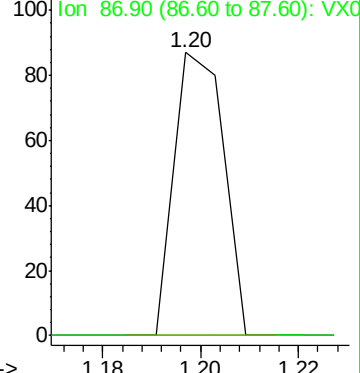
85 100

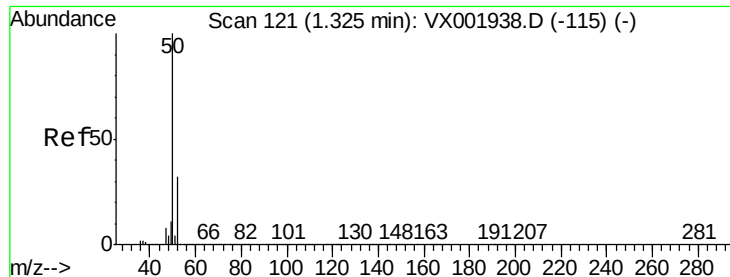
87 0.0 16.7 50.0#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 67.14 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

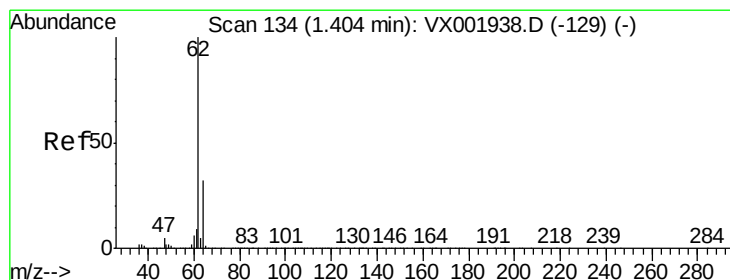
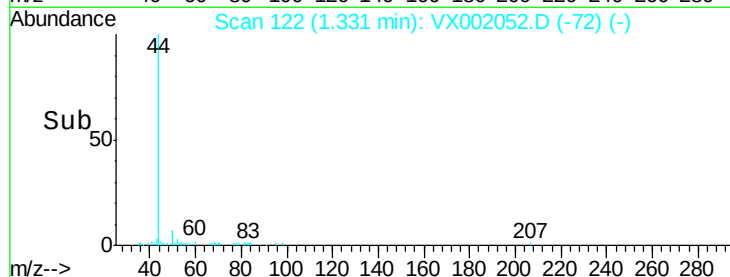
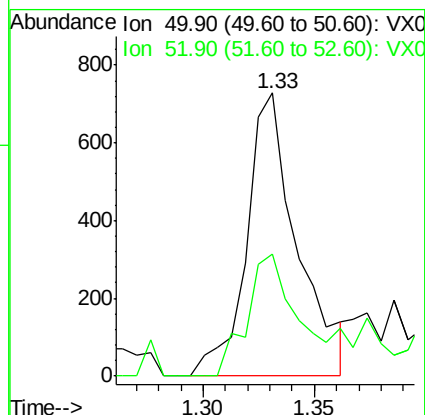
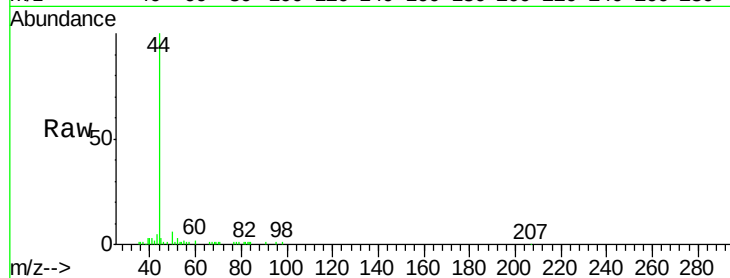
ClientSampleId :

Tot Ion: 50 Resp: 1157

Ion Ratio Lower Upper

50 100

52 43.3 26.0 39.0#



#4

Vinyl Chloride

Concen: 4.99 ug/l

RT: 1.42 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX002052.D

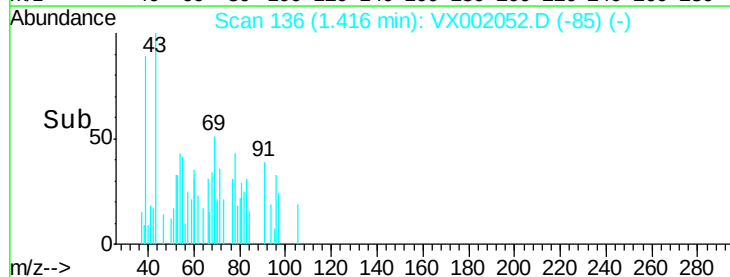
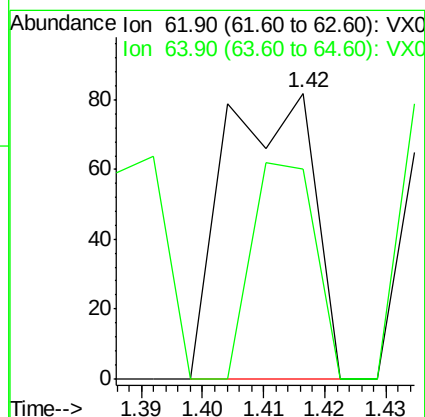
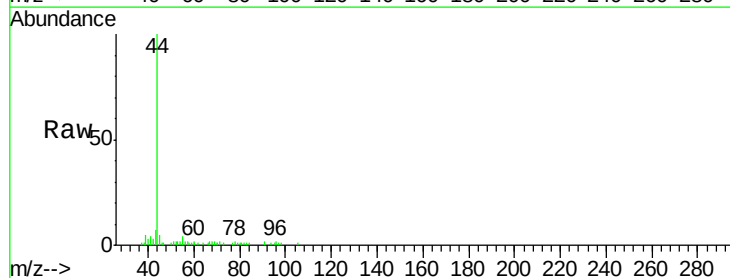
Acq: 27 May 2018 06:57

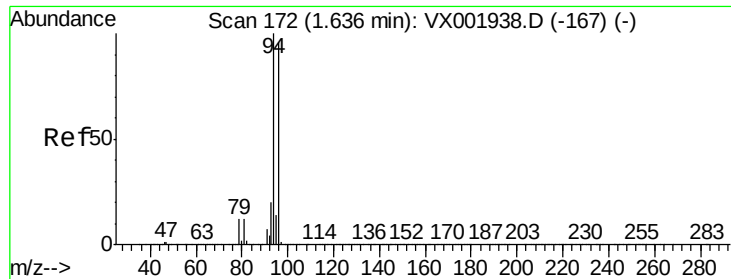
Tgt Ion: 62 Resp: 83

Ion Ratio Lower Upper

62 100

64 73.2 25.4 38.0#





#5

Bromomethane

Concen: 117.37 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

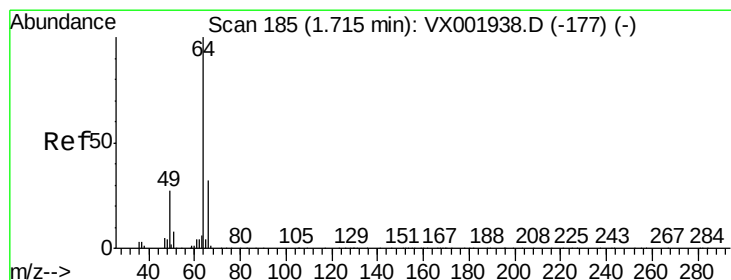
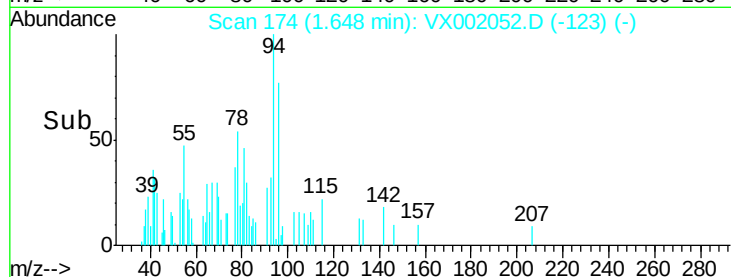
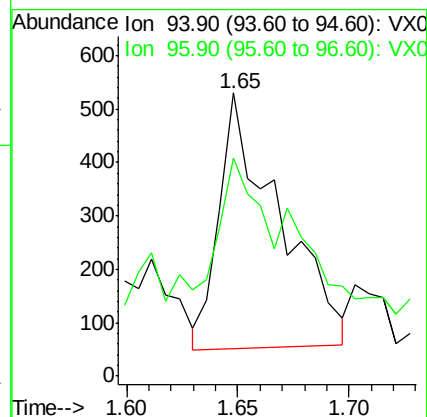
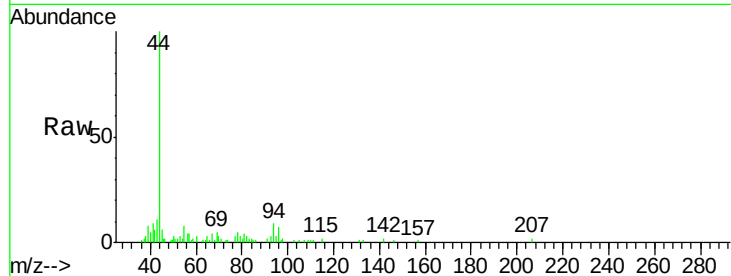
ClientSampleId :

Tot Ion: 94 Resp: 889

Ion Ratio Lower Upper

94 100

96 56.2 75.9 113.9#



#6

Chloroethane

Concen: 2.34 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX002052.D

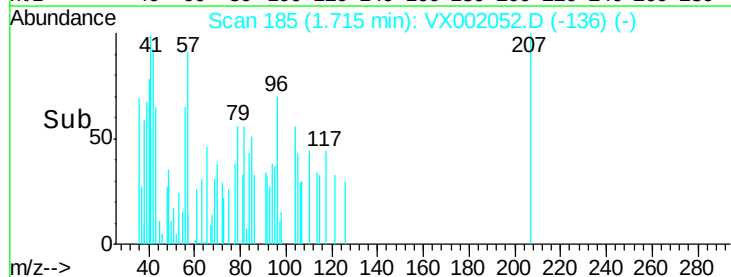
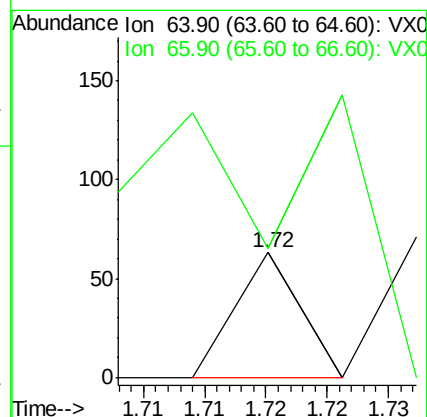
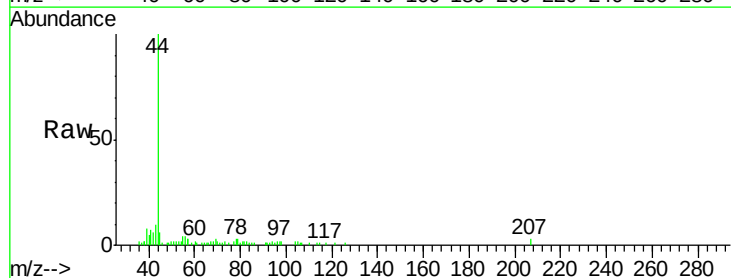
Acq: 27 May 2018 06:57

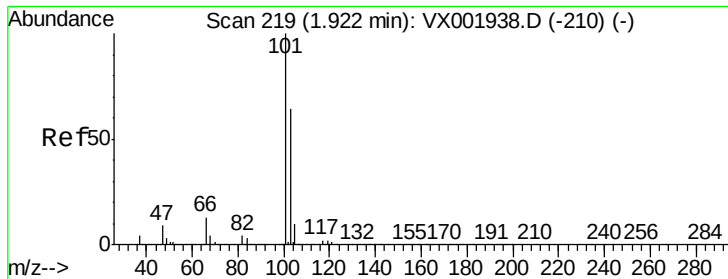
Tgt Ion: 64 Resp: 23

Ion Ratio Lower Upper

64 100

66 0.0 25.6 38.4#



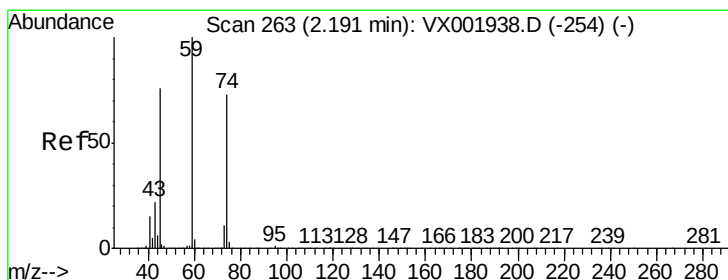
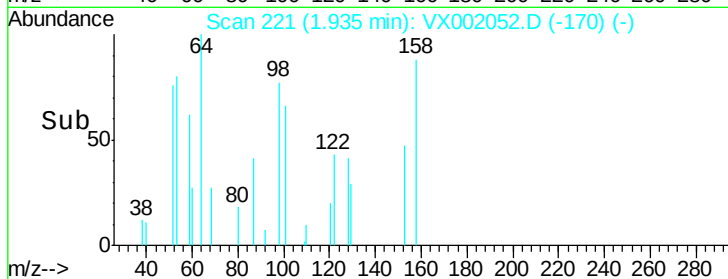
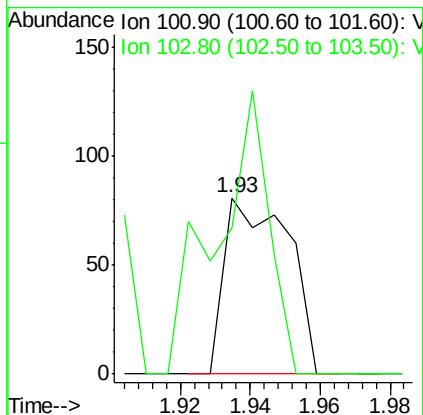
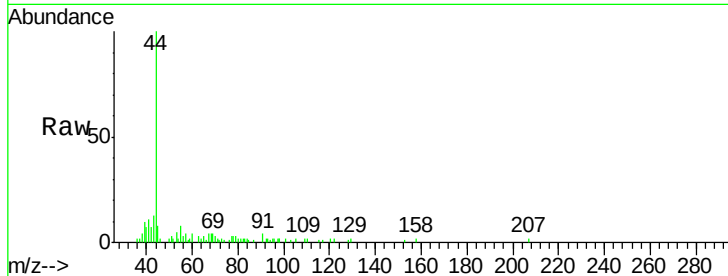


#7

Trichlorofluoromethane
Concen: 4.12 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :

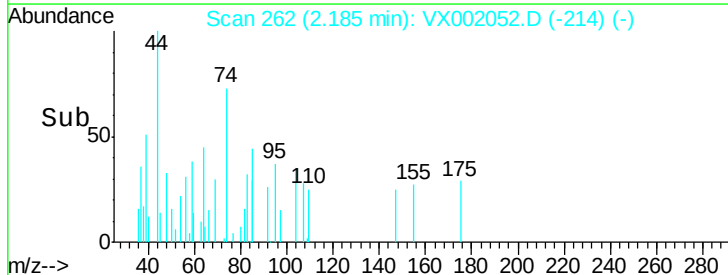
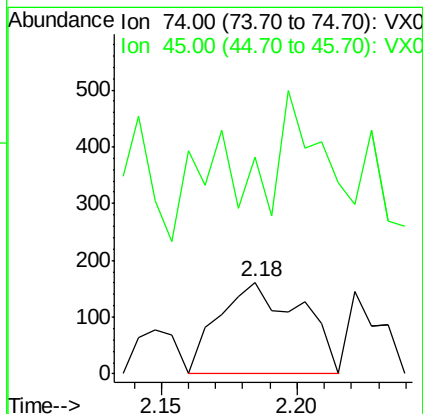
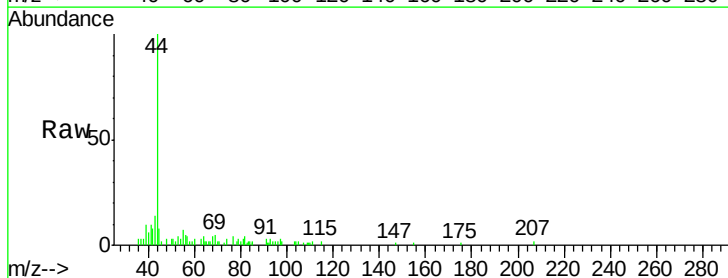
Tot Ion:101 Resp: 103
Ion Ratio Lower Upper
101 100
103 82.7 51.4 77.0#

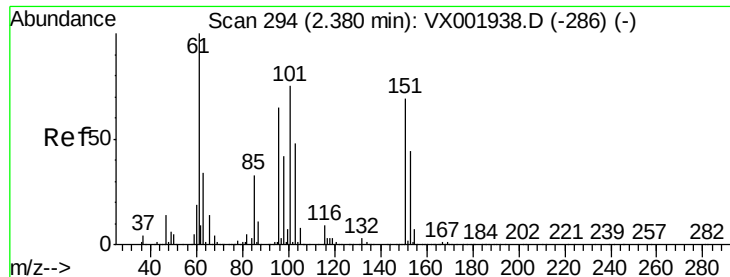


#8

Diethyl Ether
Concen: 37.06 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.01 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

Tgt Ion: 74 Resp: 336
Ion Ratio Lower Upper
74 100
45 60.1 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.30 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

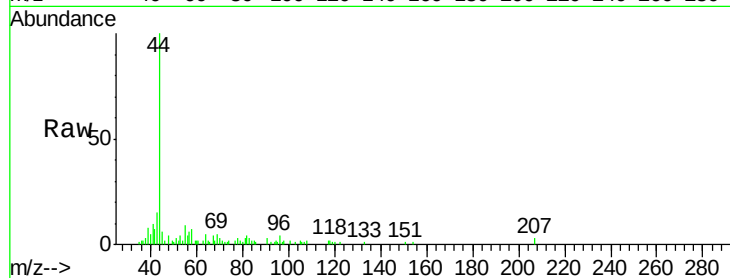
Tot Ion:101 Resp: 60

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

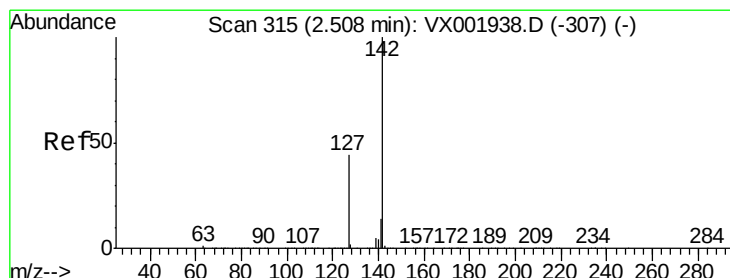
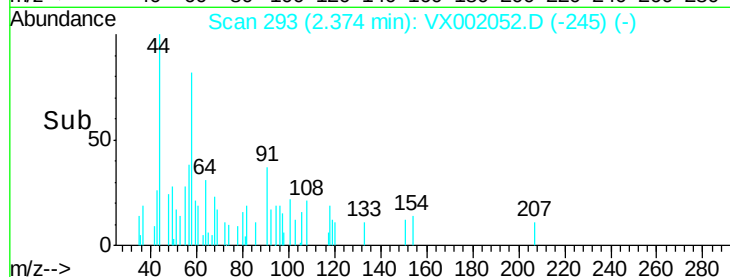
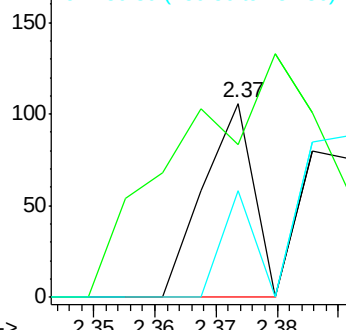
151 0.0 73.2 109.8#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.93 ug/l

RT: 2.53 min Scan# 319

Delta R.T. 0.02 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

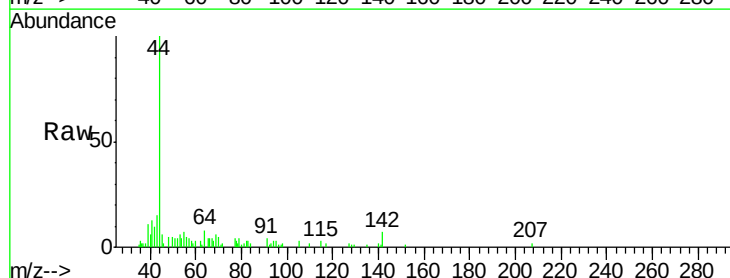
Tgt Ion:142 Resp: 810

Ion Ratio Lower Upper

142 100

127 44.3 35.5 53.3

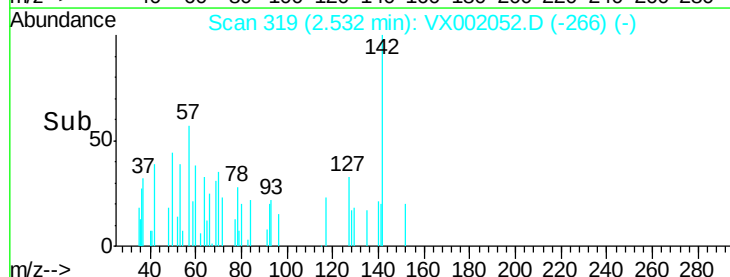
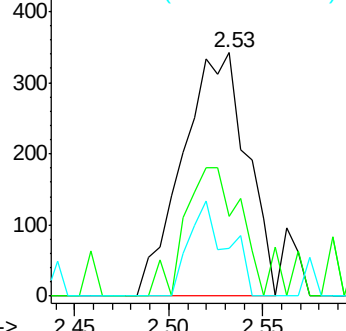
141 23.1 11.3 16.9#

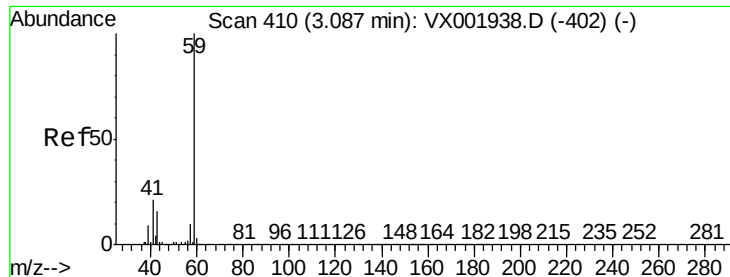


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



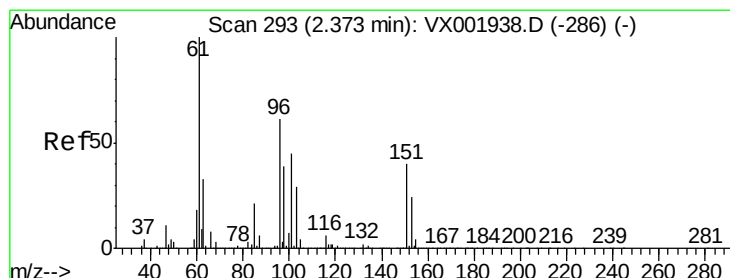
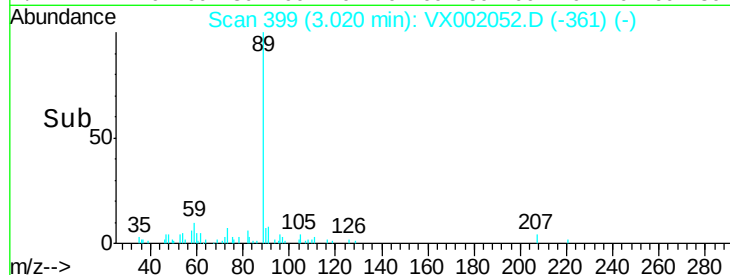
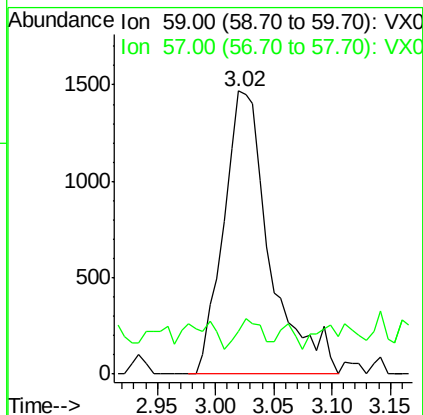
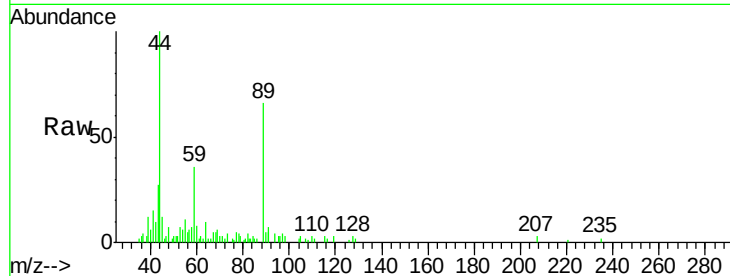


#11

Tert butyl alcohol
Concen: 1030.59 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.07 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :

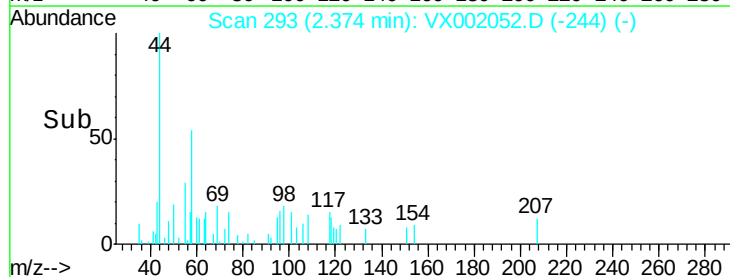
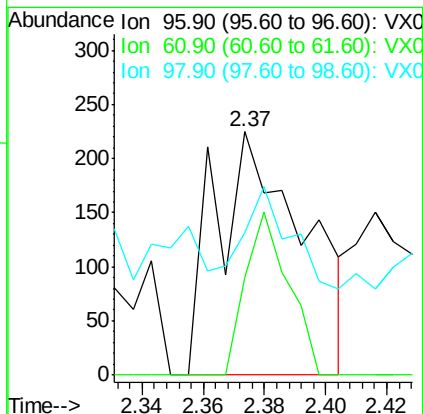
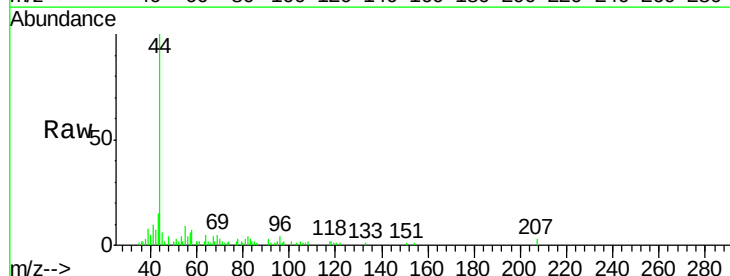
Tot Ion: 59 Resp: 4050
Ion Ratio Lower Upper
59 100
57 5.3 8.9 13.3#

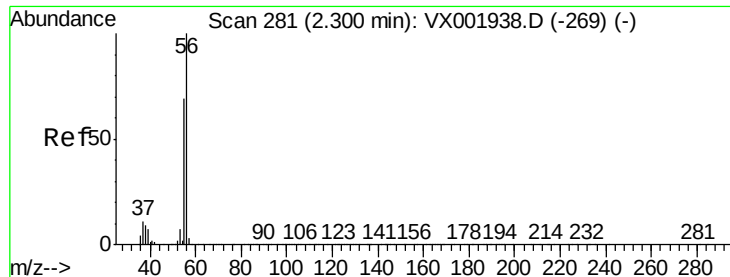


#12

1,1-Dichloroethene
Concen: 34.78 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

Tgt Ion: 96 Resp: 454
Ion Ratio Lower Upper
96 100
61 40.0 131.7 197.5#
98 23.1 51.6 77.4#





#13

Acrolein

Concen: 225.41 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

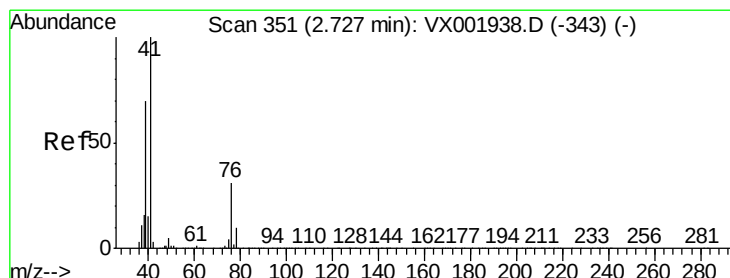
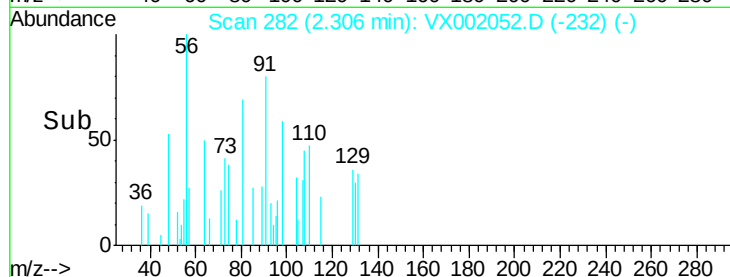
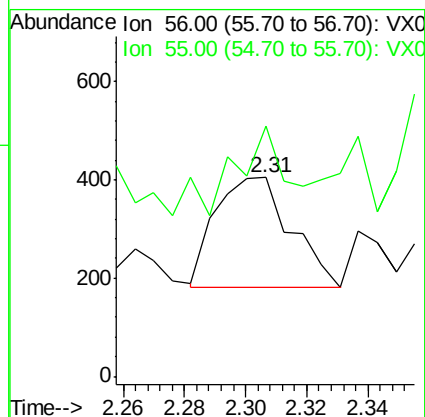
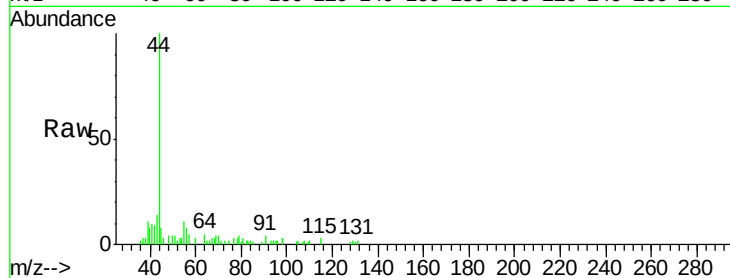
ClientSampled :

Tot Ion: 56 Resp: 383

Ion Ratio Lower Upper

56 100

55 55.9 56.8 85.2#



#14

Allyl chloride

Concen: 10.29 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

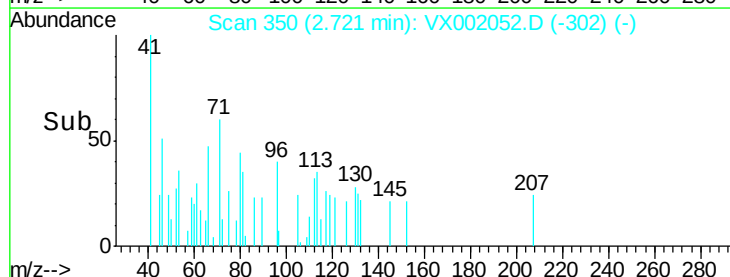
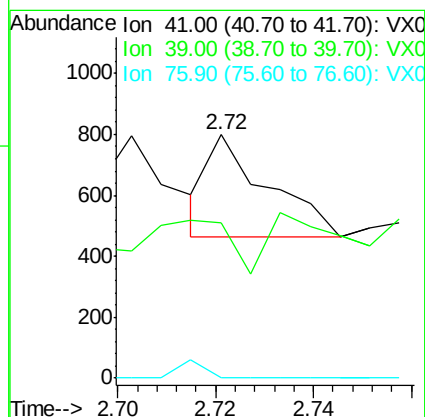
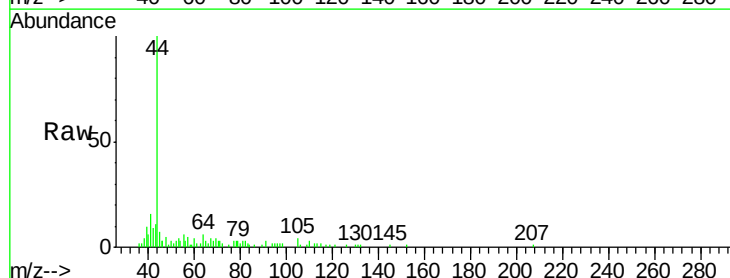
Tgt Ion: 41 Resp: 282

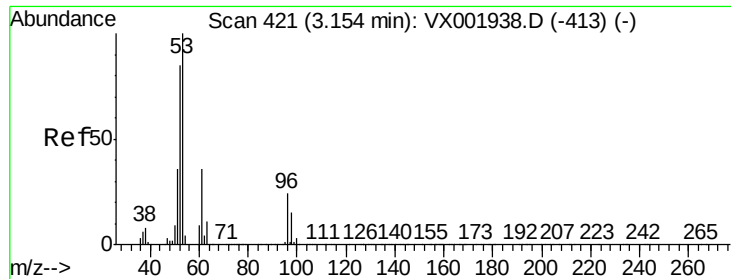
Ion Ratio Lower Upper

41 100

39 102.5 54.3 81.5#

76 0.0 24.2 36.4#





#15

Acrylonitrile

Concen: 9.28 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

ClientSampled :

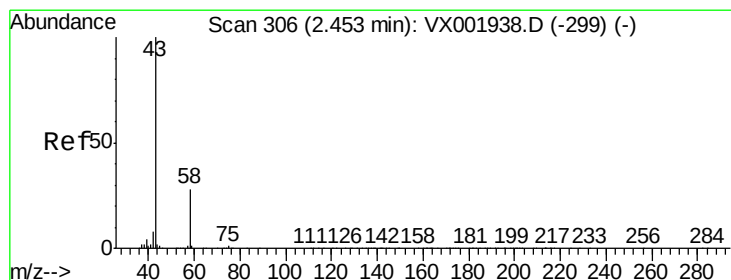
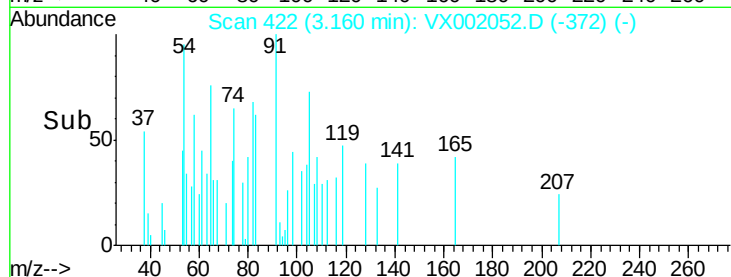
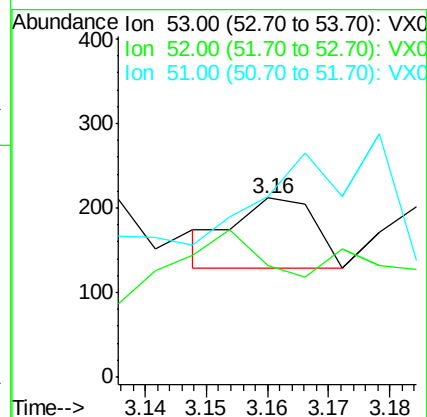
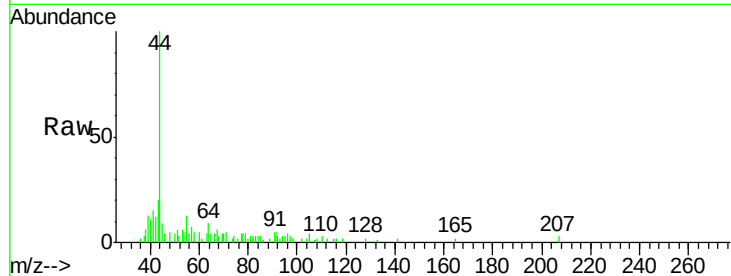
Tot Ion: 53 Resp: 75

Ion Ratio Lower Upper

53 100

52 49.3 66.4 99.6#

51 0.0 29.3 43.9#



#16

Acetone

Concen: 2394.92 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002052.D

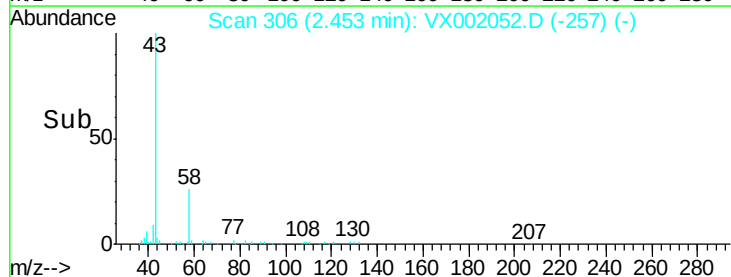
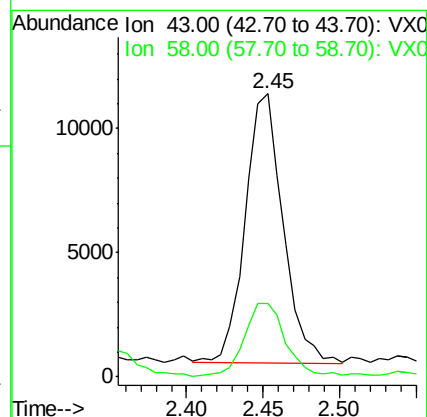
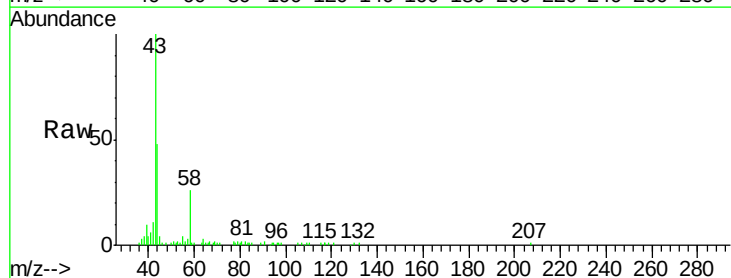
Acq: 27 May 2018 06:57

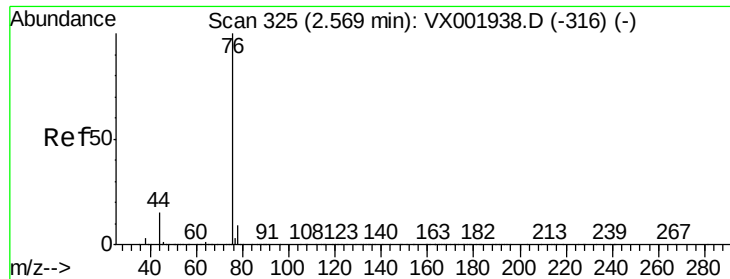
Tgt Ion: 43 Resp: 18504

Ion Ratio Lower Upper

43 100

58 27.2 22.3 33.5





#17

Carbon Disulfide

Concen: 29.68 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

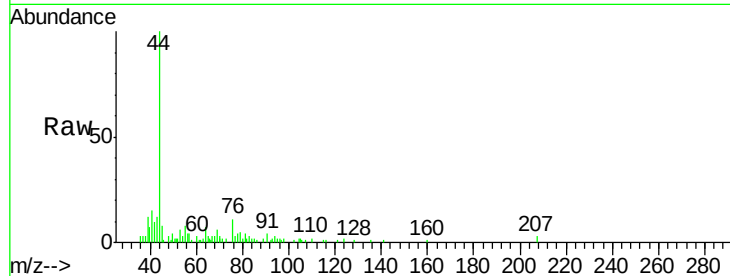
ClientSampleId :

Tot Ion: 76 Resp: 1115

Ion Ratio Lower Upper

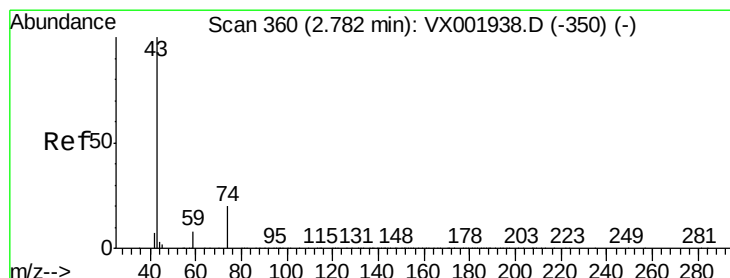
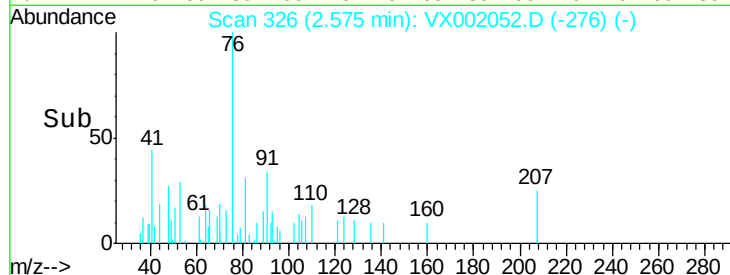
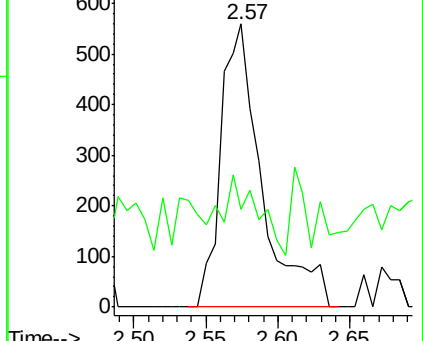
76 100

78 8.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1488.38 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002052.D

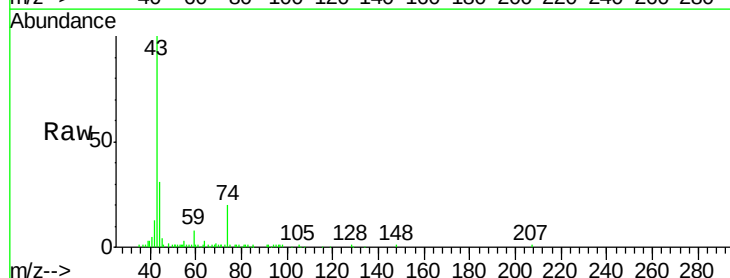
Acq: 27 May 2018 06:57

Tgt Ion: 43 Resp: 27094

Ion Ratio Lower Upper

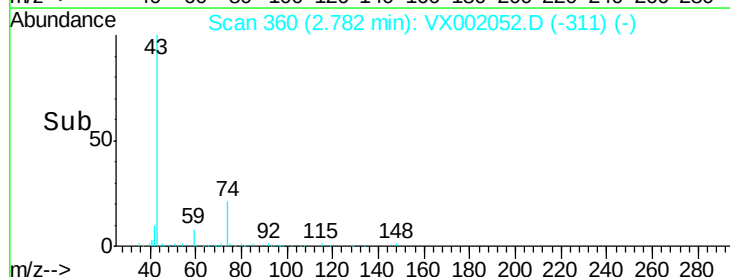
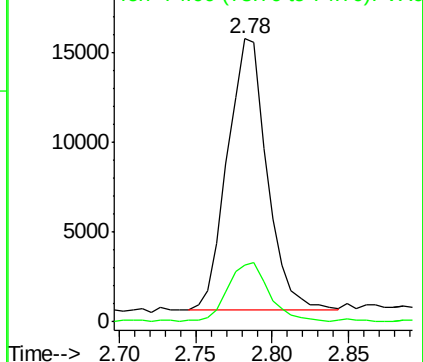
43 100

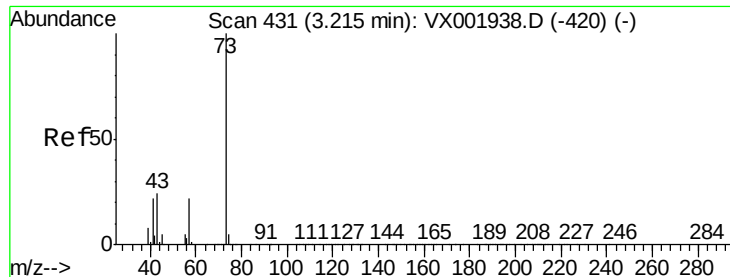
74 23.2 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



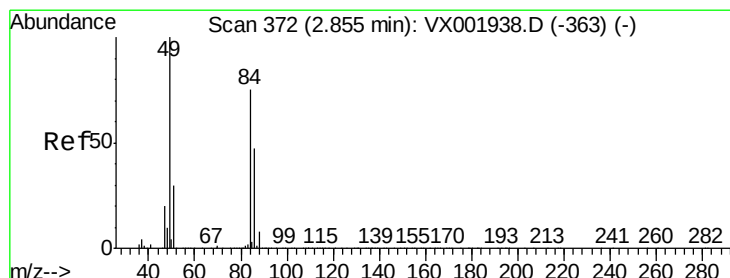
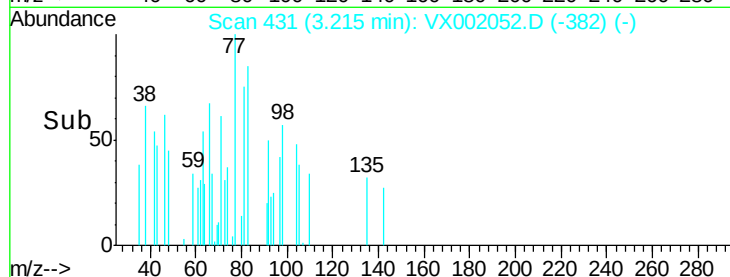
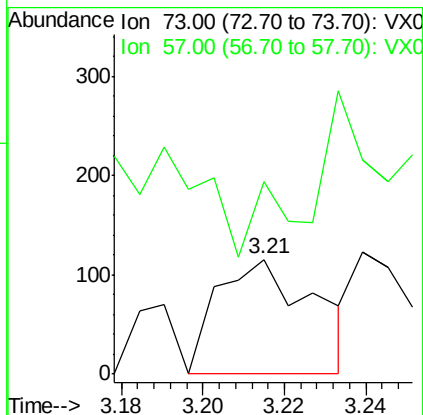
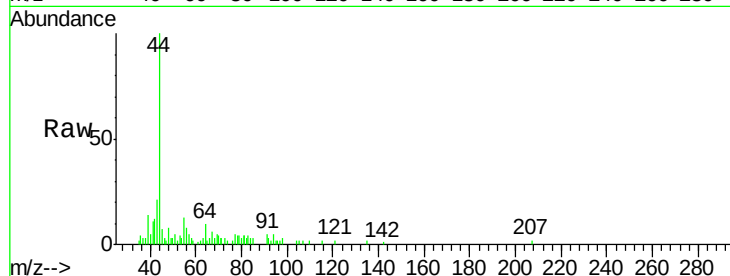


#19

Methyl tert-butyl Ether
Concen: 3.83 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :

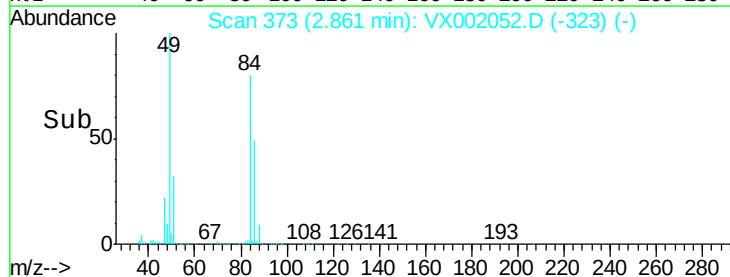
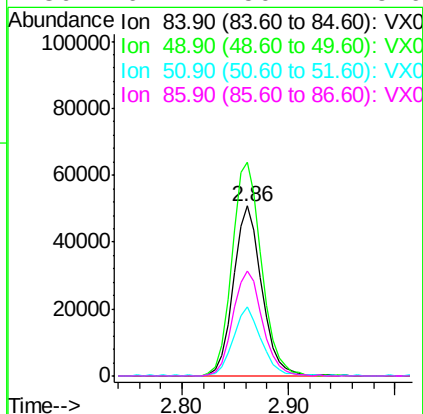
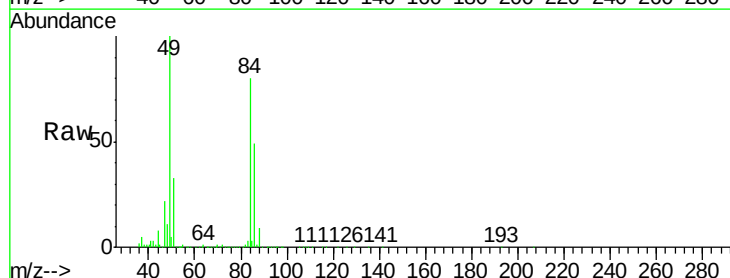
Tot Ion: 73 Resp: 188
Ion Ratio Lower Upper
73 100
57 6.1 17.4 26.0#

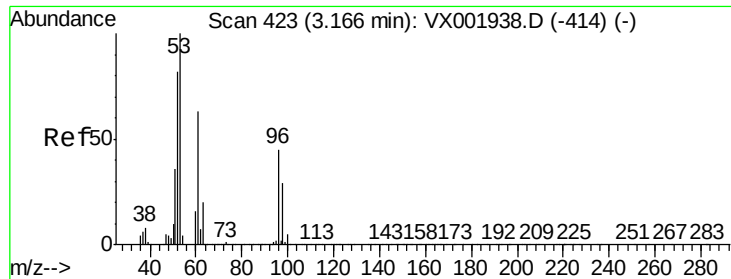


#20

Methylene Chloride
Concen: 7282.87 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

Tgt Ion: 84 Resp: 94202
Ion Ratio Lower Upper
84 100
49 125.5 107.2 160.8
51 40.6 32.4 48.6
86 61.7 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 14.37 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :

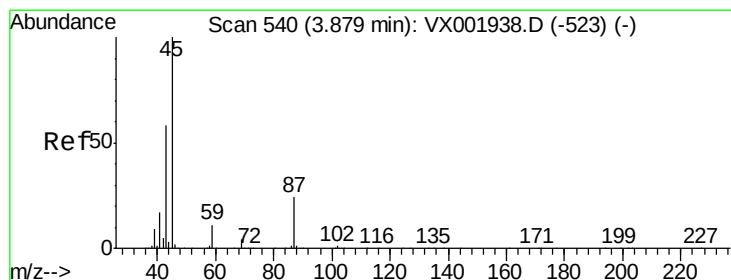
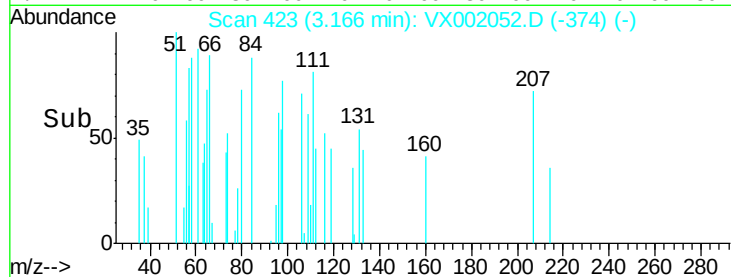
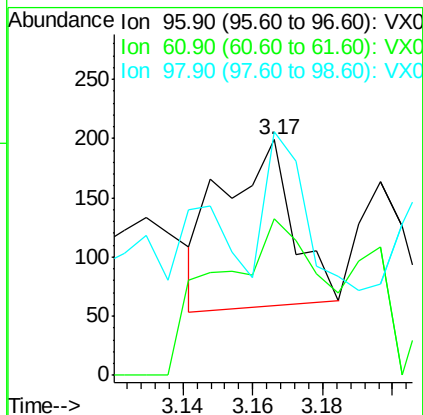
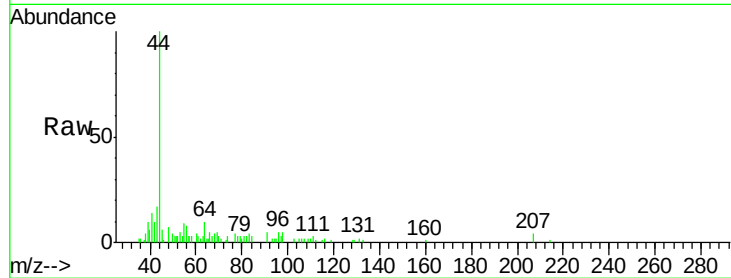
Tot Ion: 96 Resp: 197

Ion Ratio Lower Upper

96 100

61 45.6 113.3 169.9#

98 89.7 51.7 77.5#



#22

Diisopropyl ether

Concen: 2.35 ug/l

RT: 3.89 min Scan# 542

Delta R.T. 0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Tgt Ion: 45 Resp: 131

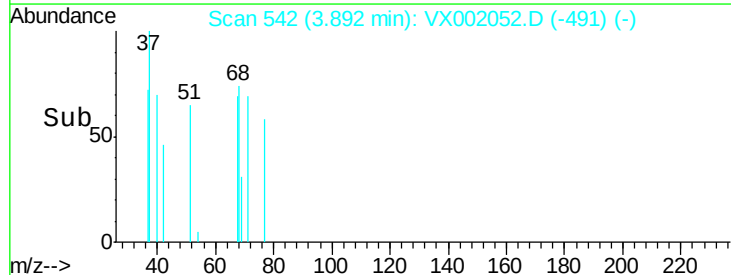
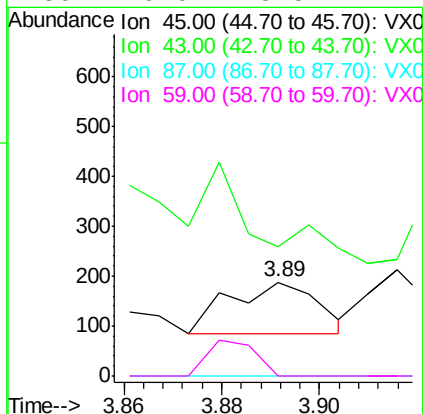
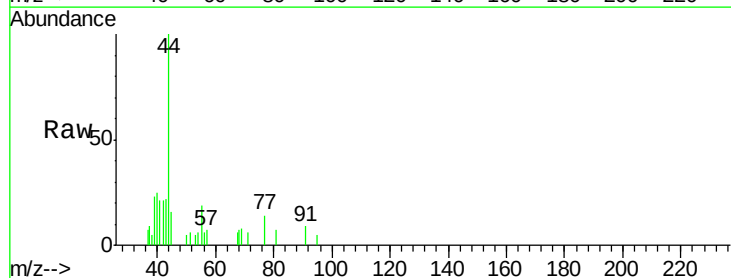
Ion Ratio Lower Upper

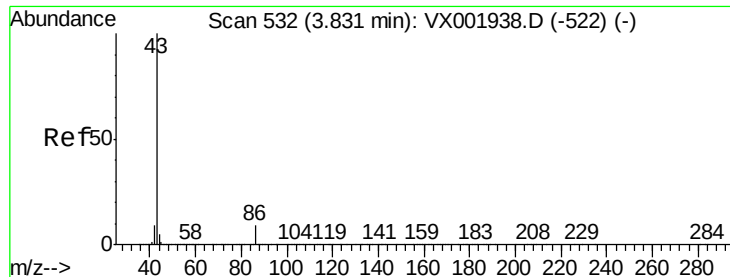
45 100

43 3.9 47.0 70.6#

87 0.0 19.4 29.0#

59 0.0 8.5 12.7#





#23

Vinyl Acetate

Concen: 2.53 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

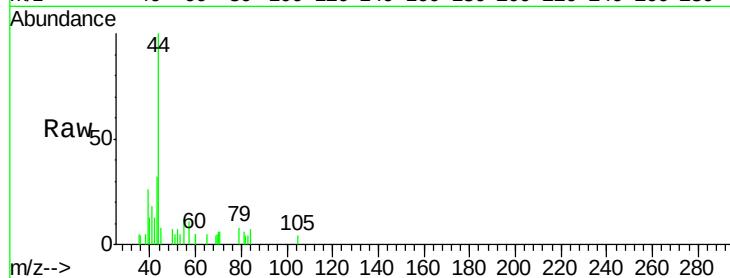
ClientSampled :

Tot Ion: 43 Resp: 117

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

3.83

400

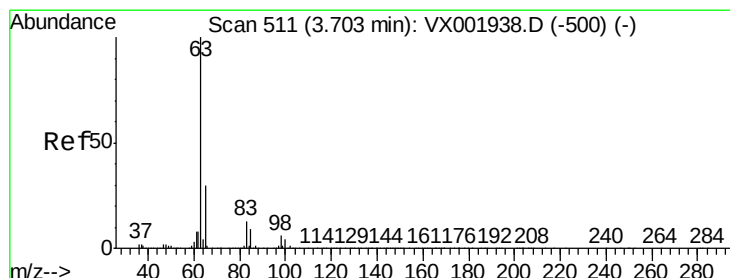
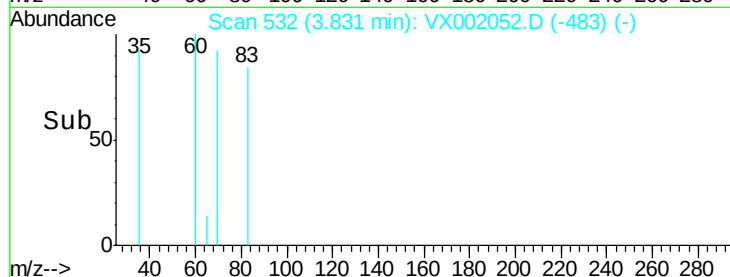
300

200

100

0

Time-->



#24

1,1-Dichloroethane

Concen: 3.29 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

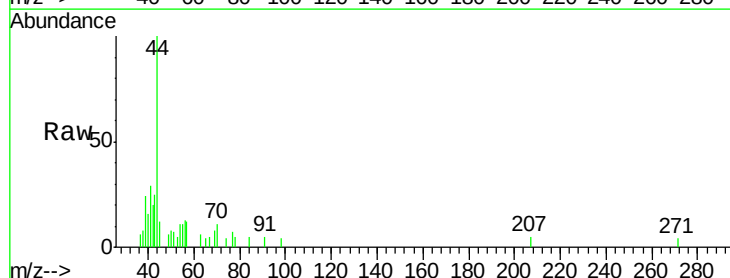
Tgt Ion: 63 Resp: 87

Ion Ratio Lower Upper

63 100

98 73.2 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

120

100

80

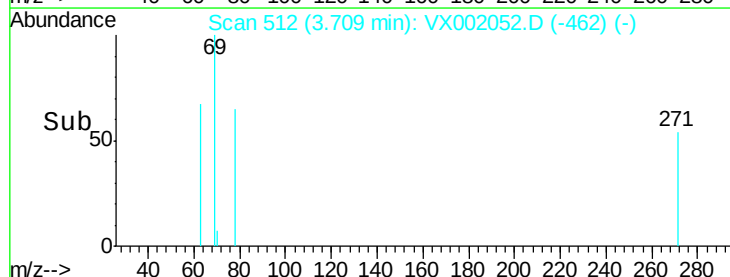
60

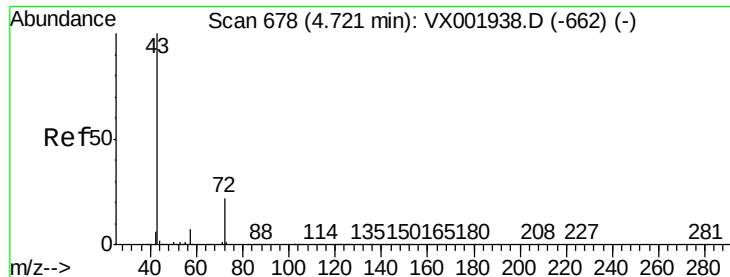
40

20

0

Time-->





#25

2-Butanone

Concen: 228.16 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

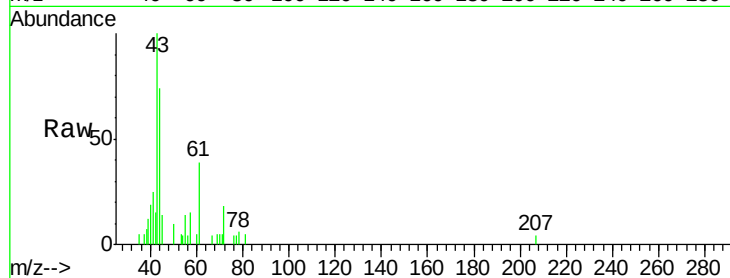
ClientSampled :

Tot Ion: 43 Resp: 3231

Ion Ratio Lower Upper

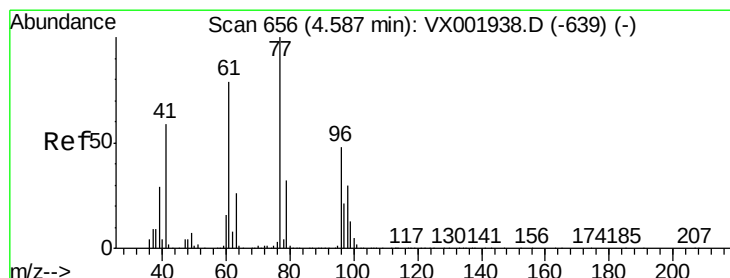
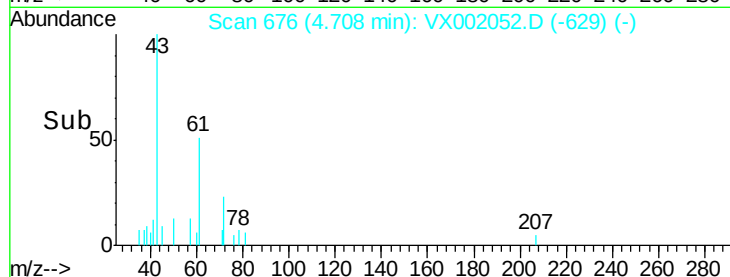
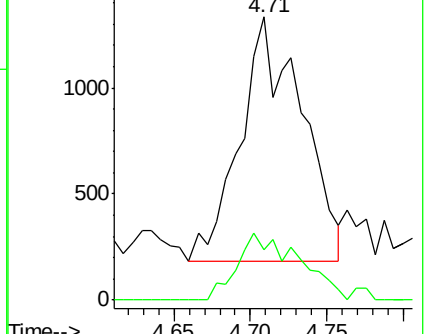
43 100

72 20.5 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 3.69 ug/l

RT: 4.46 min Scan# 636

Delta R.T. -0.12 min

Lab File: VX002052.D

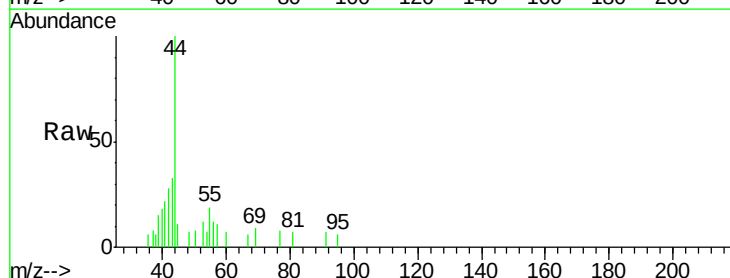
Acq: 27 May 2018 06:57

Tgt Ion: 77 Resp: 99

Ion Ratio Lower Upper

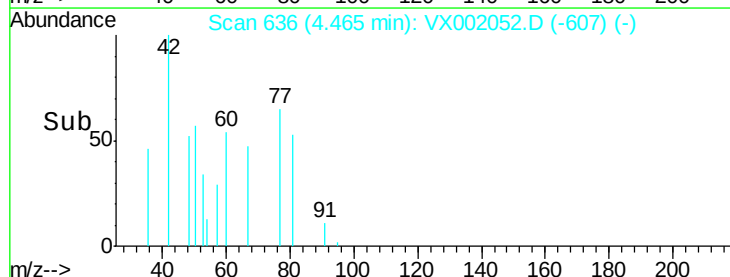
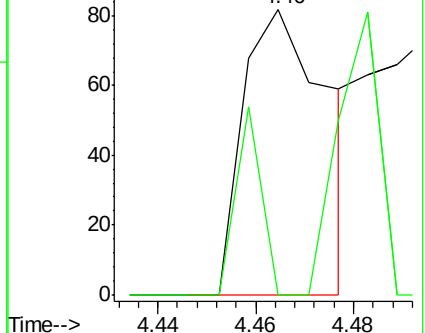
77 100

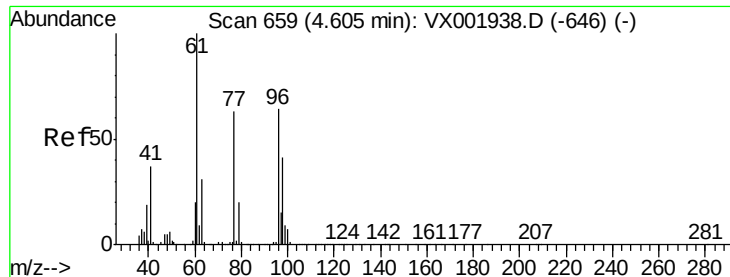
97 20.2 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



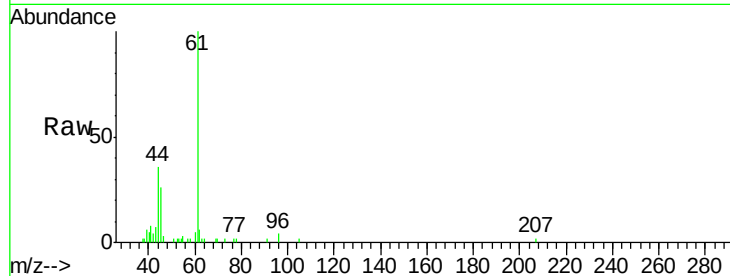


#27

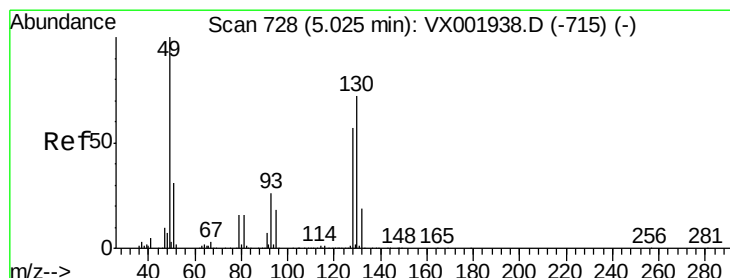
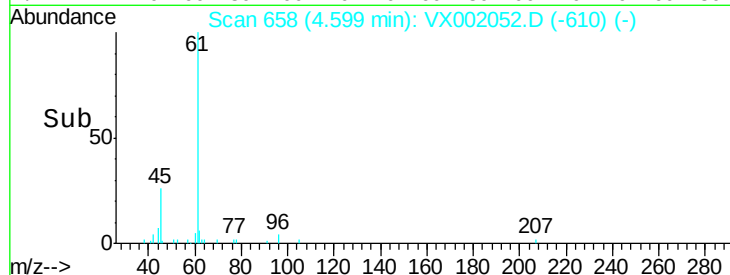
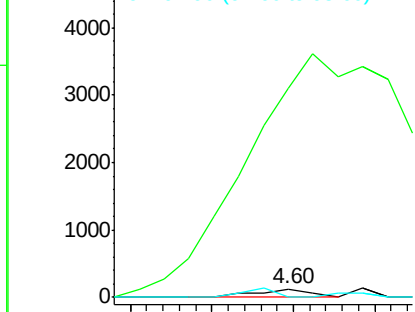
cis-1,2-Dichloroethene
Concen: 6.29 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 107
Ion Ratio Lower Upper
96 100
61 13207.5 0.0 348.4#
98 66.4 0.0 128.6



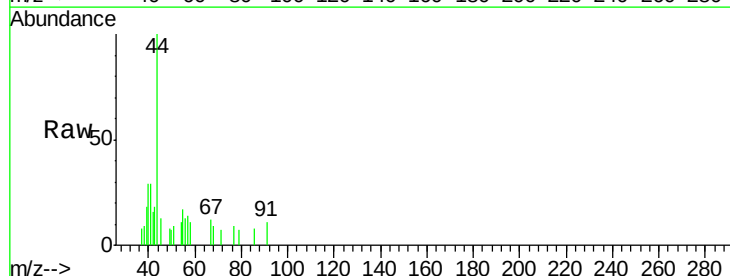
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



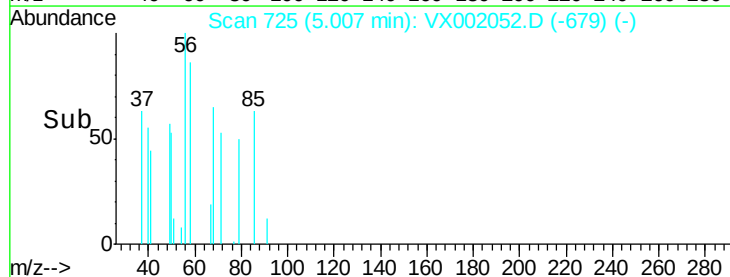
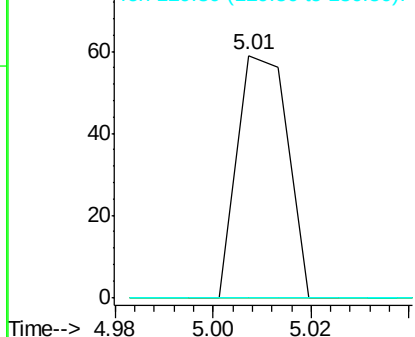
#28

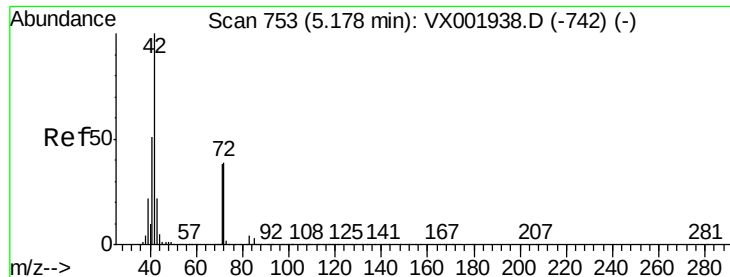
Bromochloromethane
Concen: 1.80 ug/l
RT: 5.01 min Scan# 725
Delta R.T. -0.02 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

Tgt Ion: 49 Resp: 42
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: 159.23 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

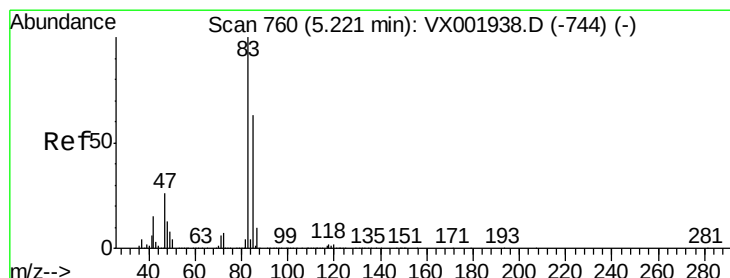
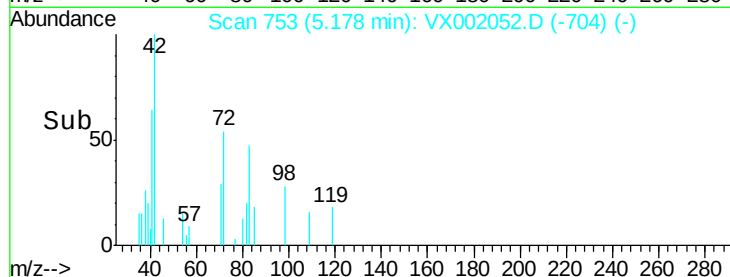
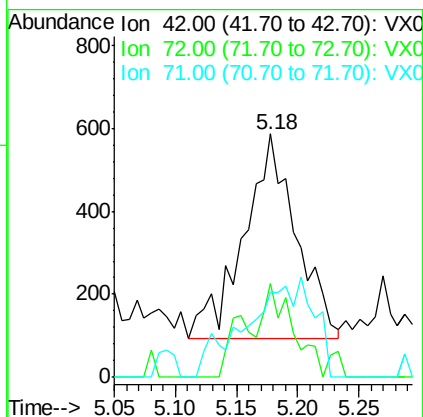
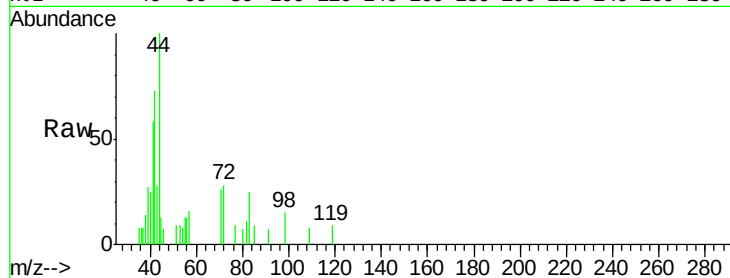
Tot Ion: 42 Resp: 1467

Ion Ratio Lower Upper

42 100

72 26.0 31.4 47.0#

71 21.3 29.5 44.3#



#30

Chloroform

Concen: 122.80 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX002052.D

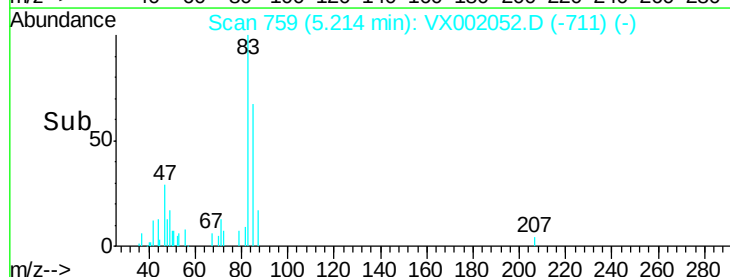
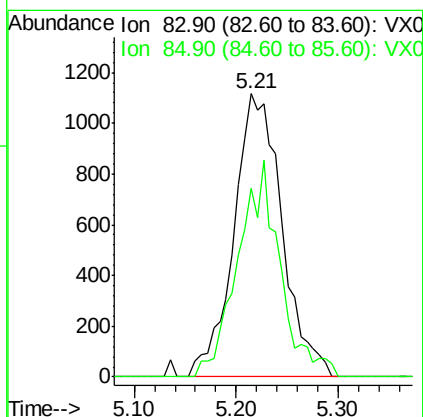
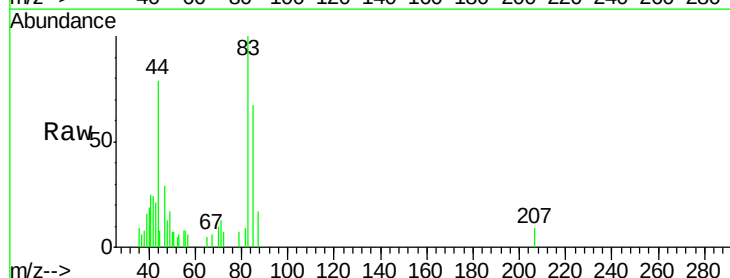
Acq: 27 May 2018 06:57

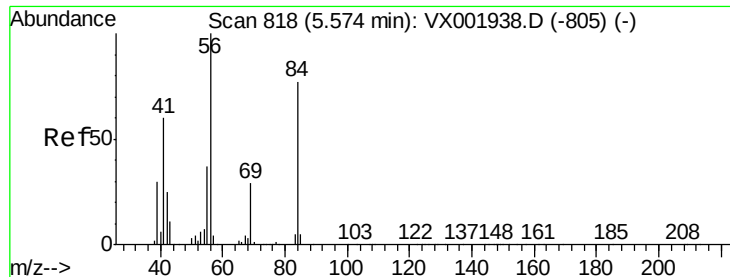
Tgt Ion: 83 Resp: 3663

Ion Ratio Lower Upper

83 100

85 66.8 50.9 76.3





#31

Cyclohexane

Concen: 9.03 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

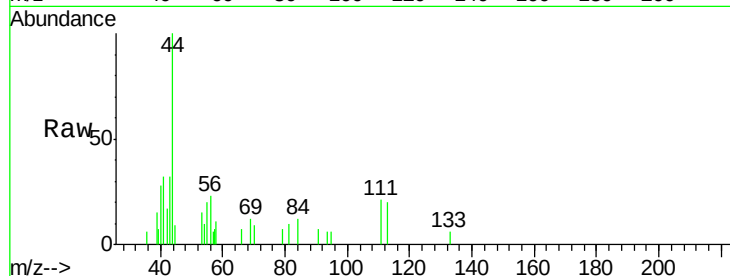
Tot Ion: 56 Resp: 249

Ion Ratio Lower Upper

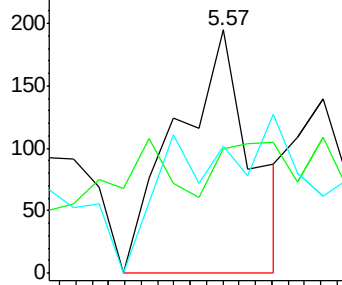
56 100

69 16.4 23.1 34.7#

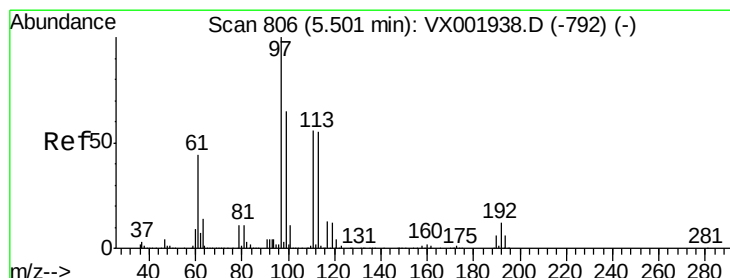
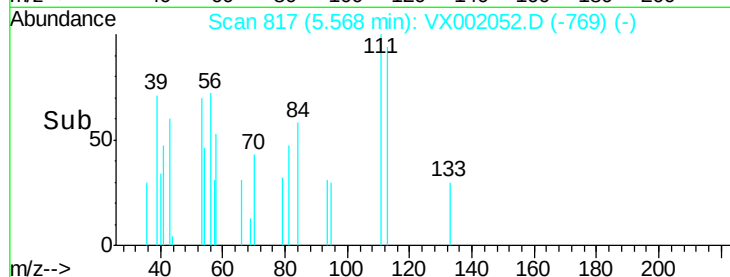
84 52.3 62.0 93.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



Time-->



#32

1,1,1-Trichloroethane

Concen: 1.08 ug/l

RT: 5.48 min Scan# 803

Delta R.T. -0.02 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

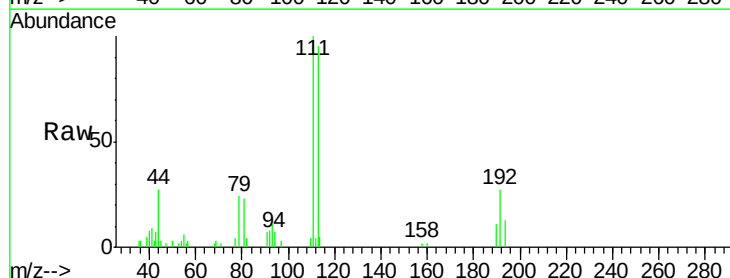
Tgt Ion: 97 Resp: 30

Ion Ratio Lower Upper

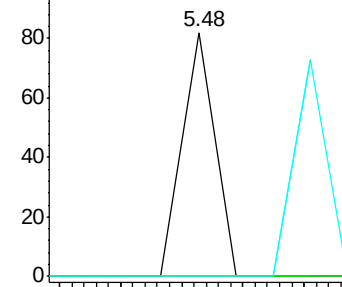
97 100

99 0.0 51.9 77.9#

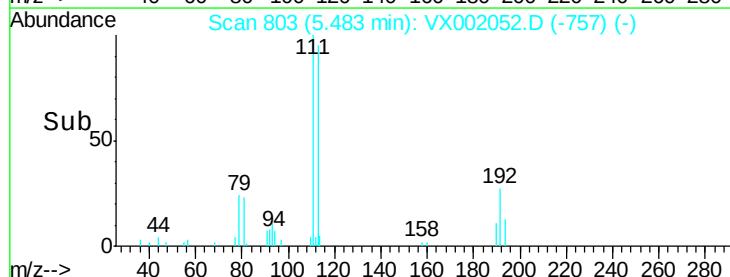
61 90.0 35.9 53.9#

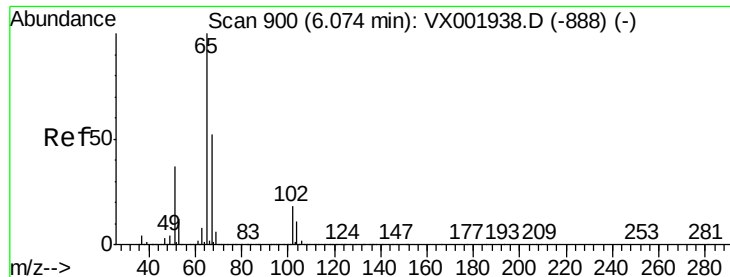


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0



Time-->





#33

1,2-Dichloroethane-d4

Concen: 1630.32 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

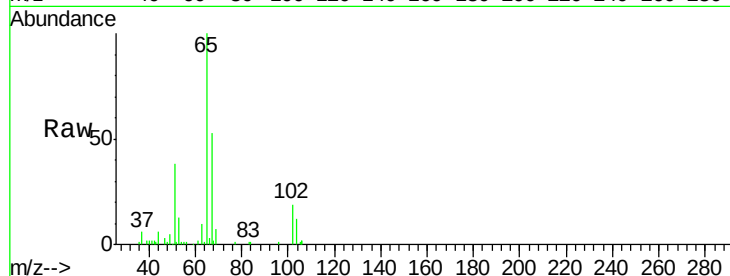
ClientSampled :

Tot Ion: 65 Resp: 32639

Ion Ratio Lower Upper

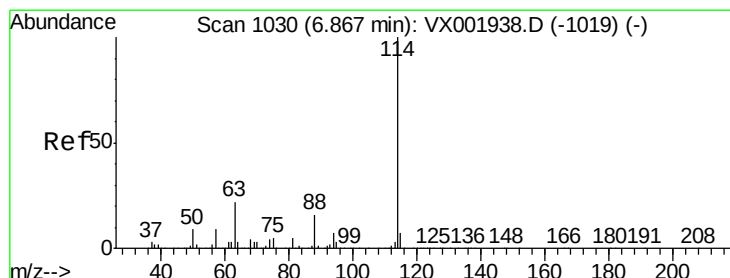
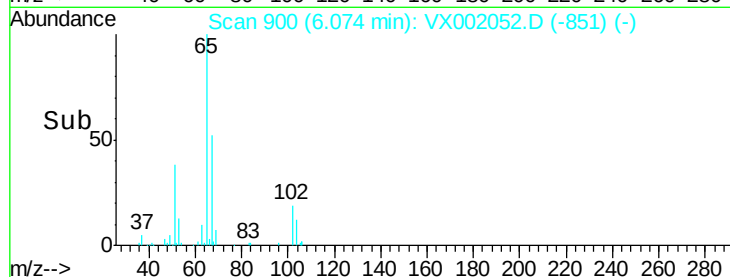
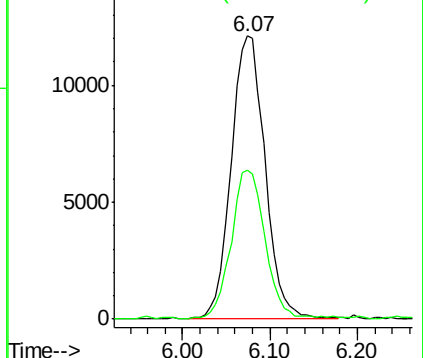
65 100

67 52.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

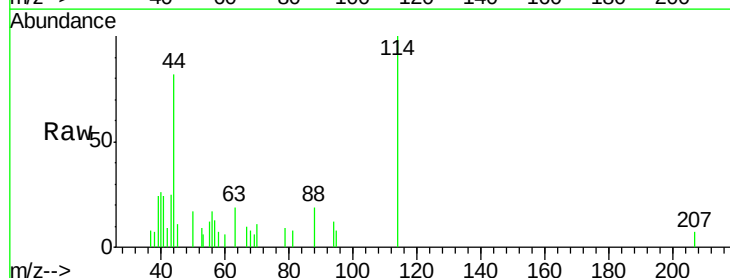
Tgt Ion: 114 Resp: 1778

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

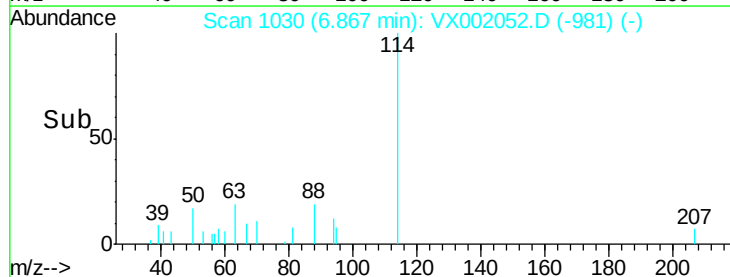
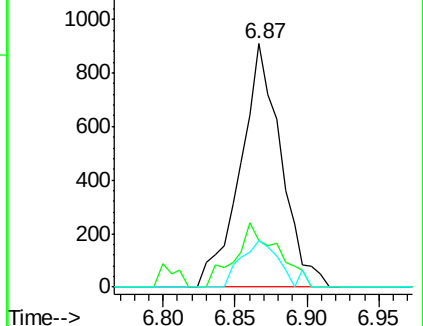
88 19.1 0.0 31.6

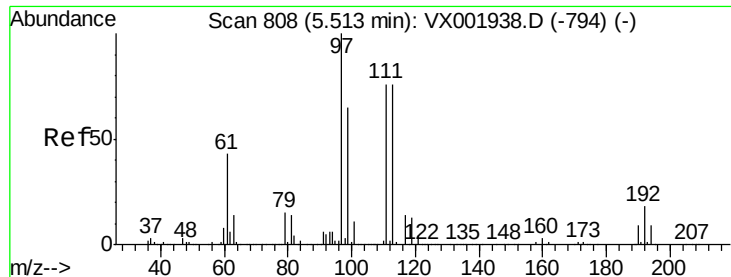


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 1325.36 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

ClientSampled :

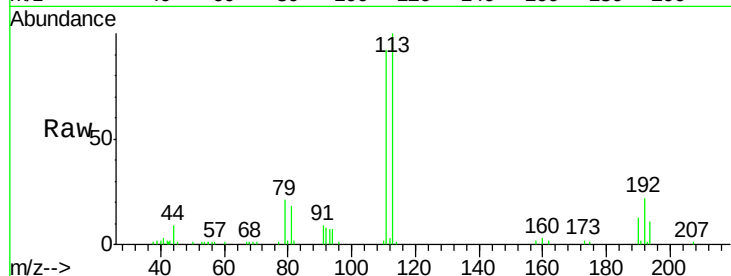
Tot Ion:113 Resp: 23565

Ion Ratio Lower Upper

113 100

111 101.1 82.0 123.0

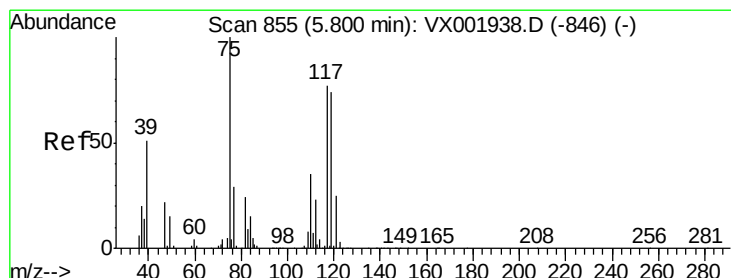
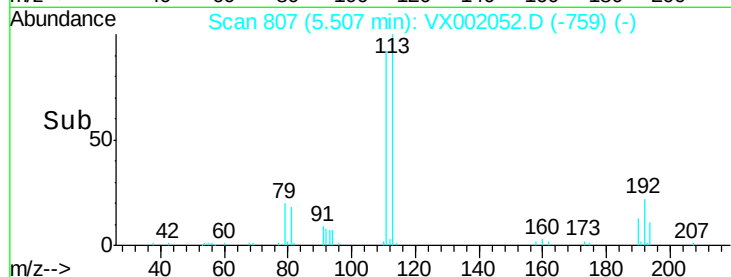
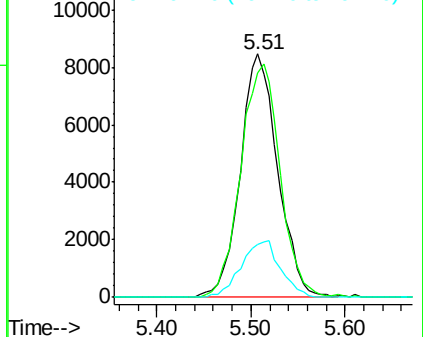
192 24.1 18.9 28.3



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: 4.00 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

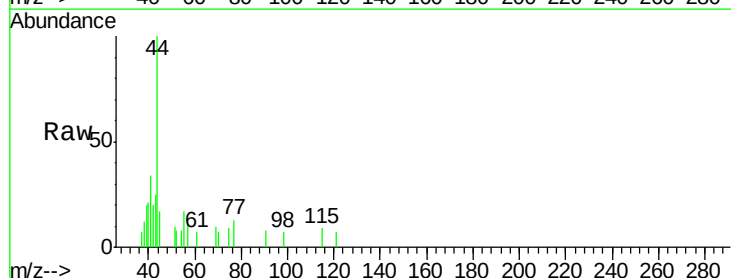
Tgt Ion: 75 Resp: 99

Ion Ratio Lower Upper

75 100

110 65.7 17.4 52.2#

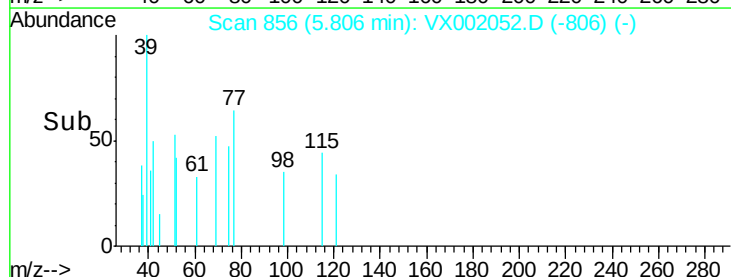
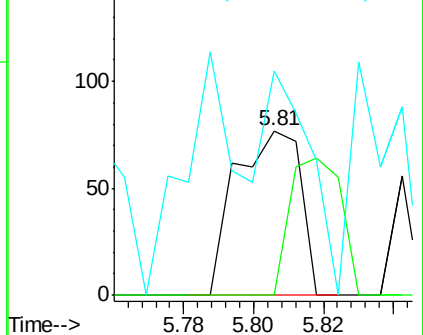
77 93.9 24.4 36.6#

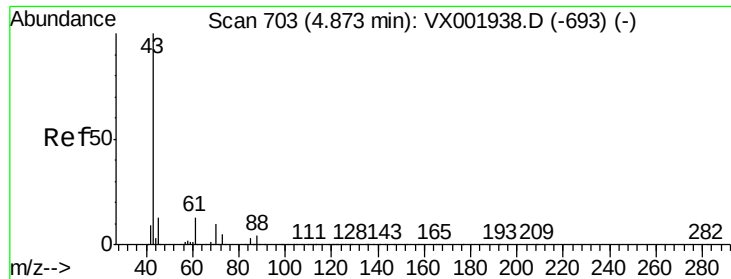


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

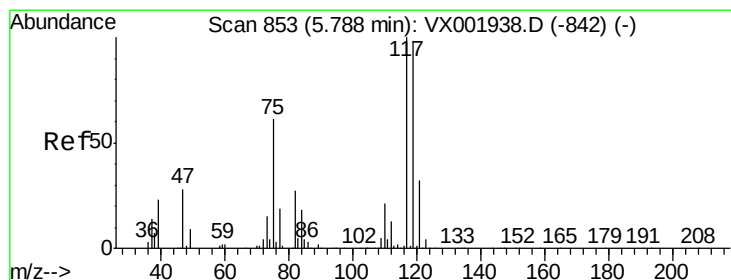
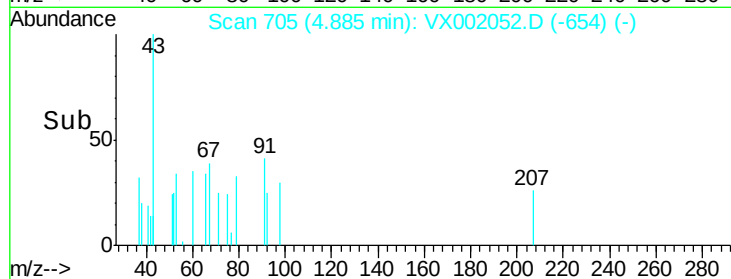
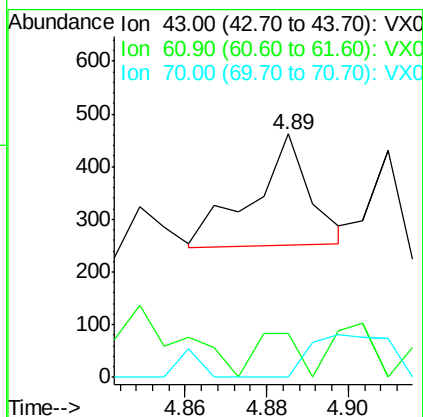
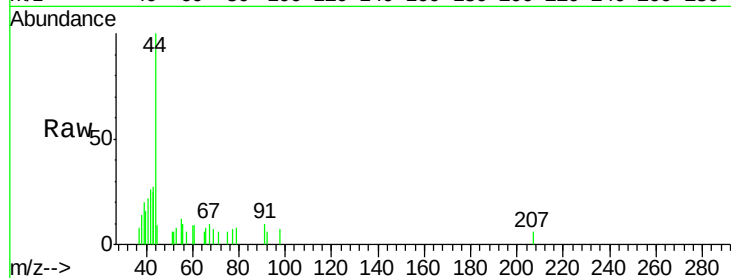




#37
Ethyl Acetate
Concen: 6.36 ug/l
RT: 4.89 min Scan# 705
Delta R.T. 0.01 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

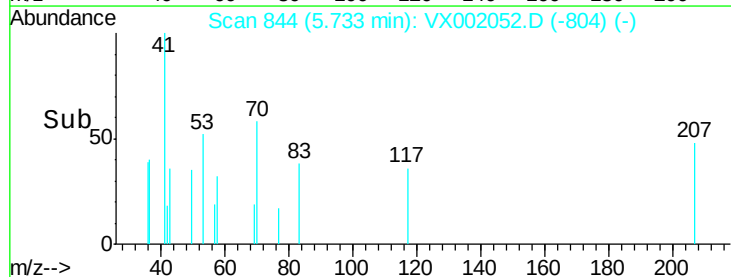
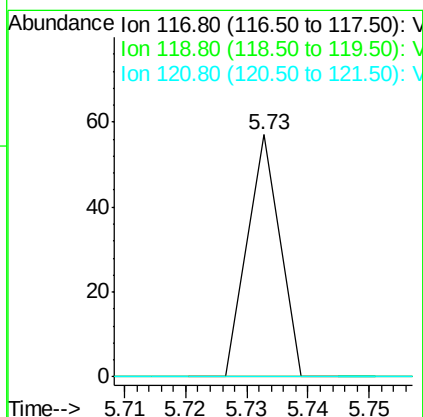
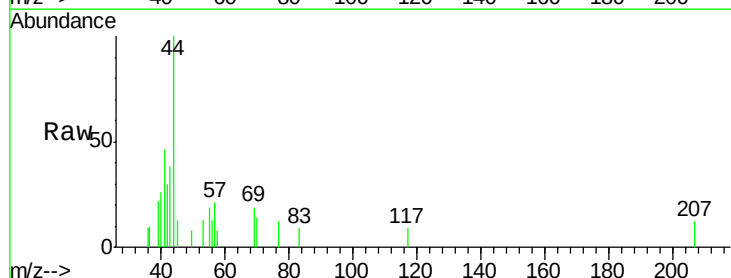
Instrument :
MSVOA_X
ClientSampleId :

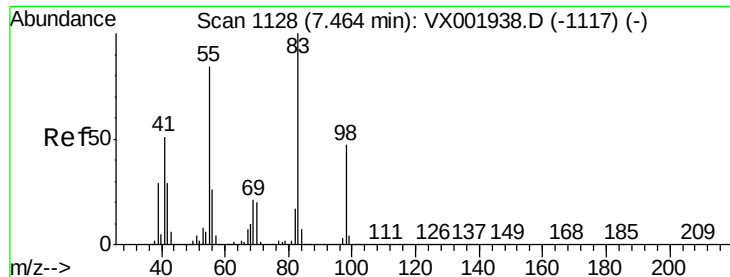
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.2#
70	53.2	7.8	11.8#



#38
Carbon Tetrachloride
Concen: 0.73 ug/l
RT: 5.73 min Scan# 844
Delta R.T. -0.05 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

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

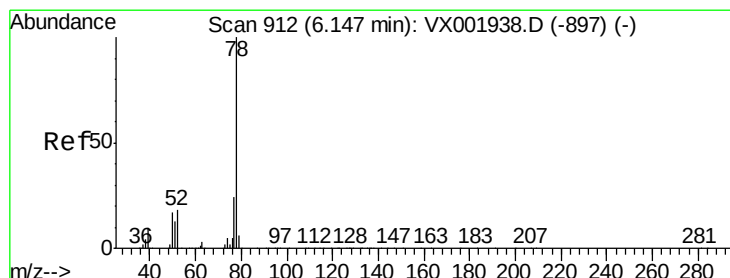
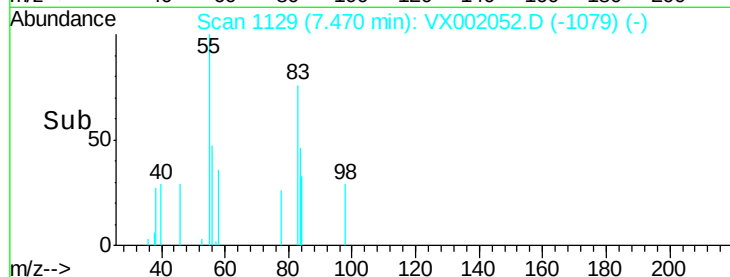
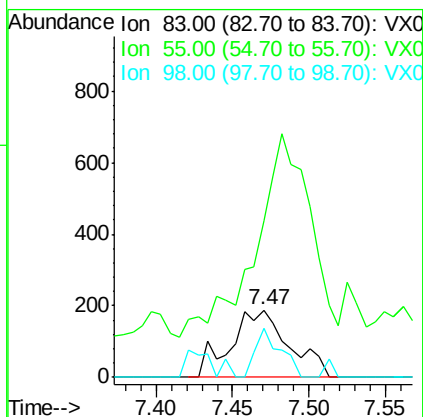
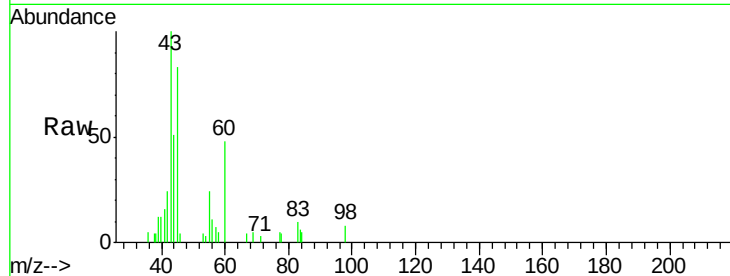




#39
Methylvlcyclohexane
Concen: 16.46 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

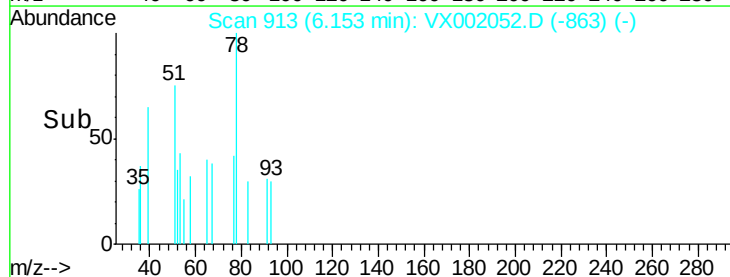
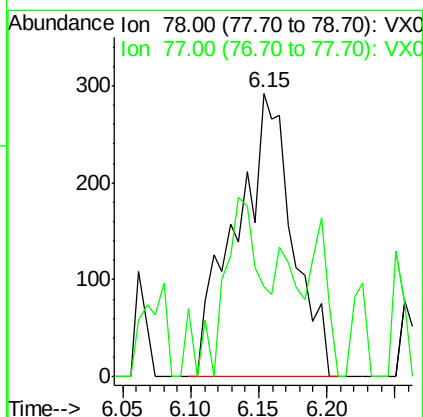
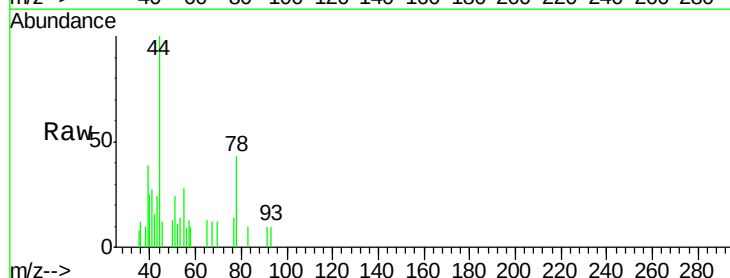
Instrument :
MSVOA_X
ClientSampled :

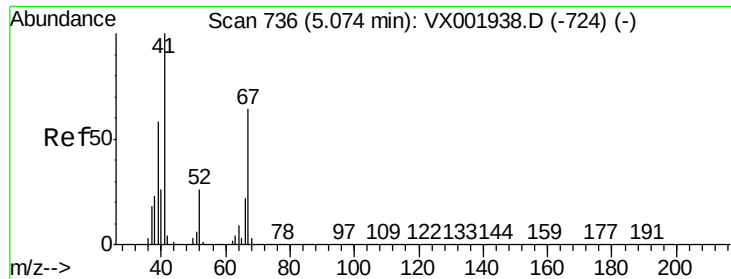
Tot Ion: 83 Resp: 500
Ion Ratio Lower Upper
83 100
55 156.9 67.3 100.9#
98 72.9 37.5 56.3#



#40
Benzene
Concen: 11.68 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.01 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

Tgt Ion: 78 Resp: 846
Ion Ratio Lower Upper
78 100
77 31.8 19.1 28.7#

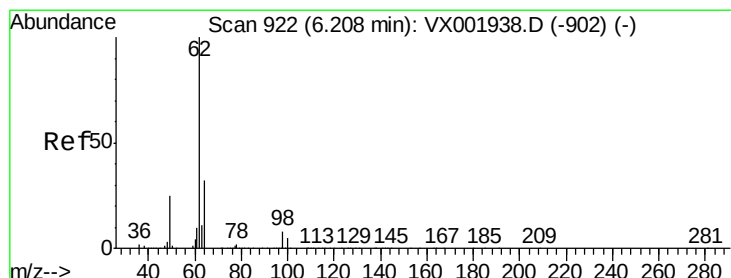
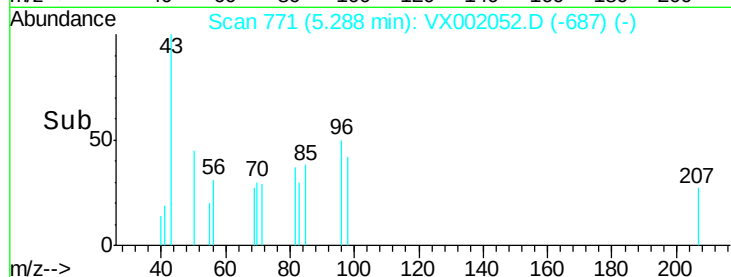
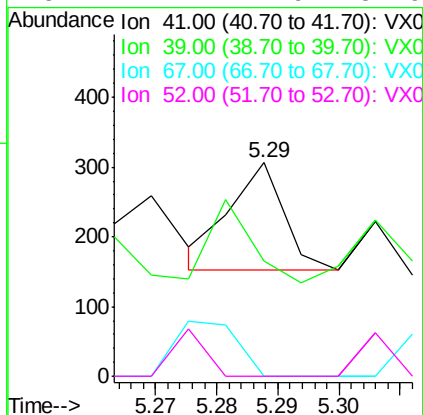
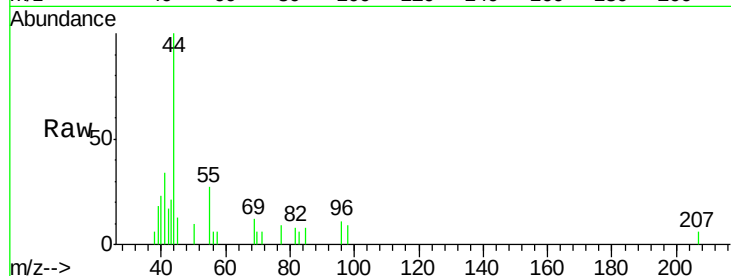




#41
Methacrylonitrile
Concen: 4.16 ug/l
RT: 5.29 min Scan# 771
Delta R.T. 0.21 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

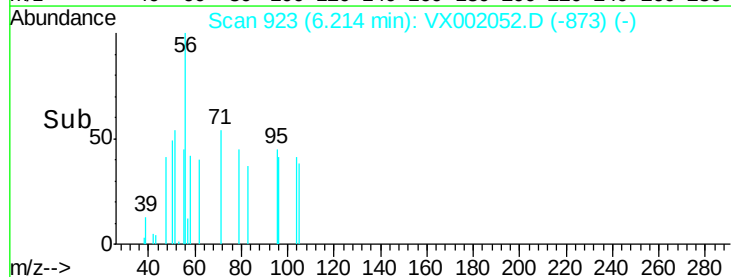
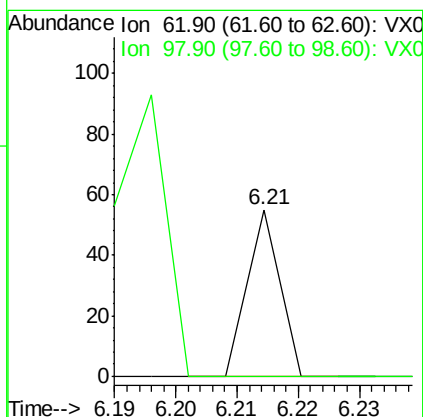
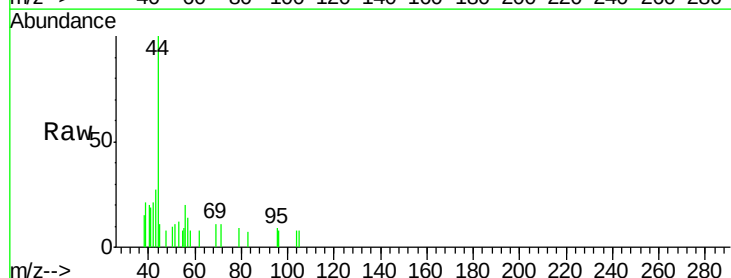
Instrument :
MSVOA_X
ClientSampled :

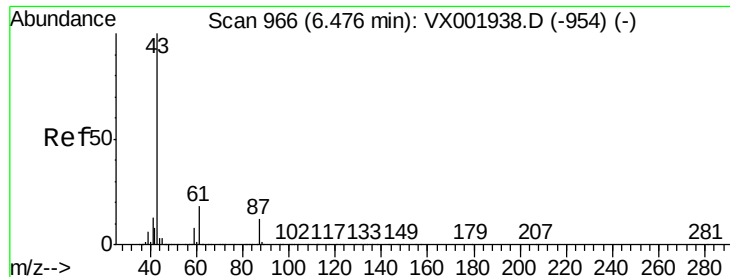
Tot Ion:	41	Resp:	92
Ion	Ratio	Lower	Upper
41	100		
39	58.7	46.0	69.0
67	60.9	50.6	75.8
52	27.2	21.9	32.9



#42
1,2-Dichloroethane
Concen: 0.69 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

Tgt Ion:	62	Resp:	20
Ion	Ratio	Lower	Upper
62	100		
98	275.0	0.0	17.0#





#43

Isopropyl Acetate

Concen: 2.57 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

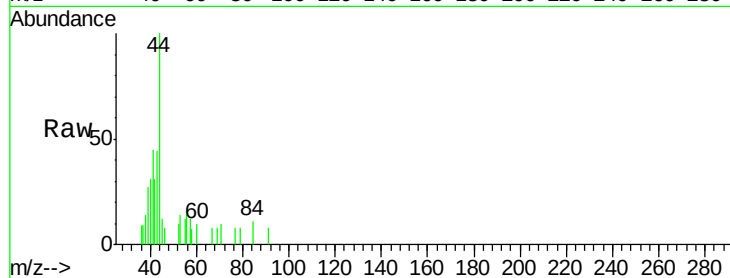
Tot Ion: 43 Resp: 138

Ion Ratio Lower Upper

43 100

61 0.0 14.5 21.7#

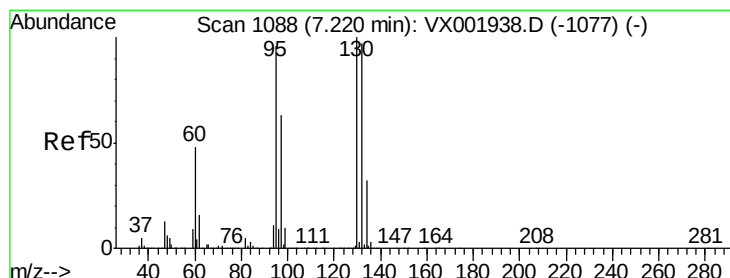
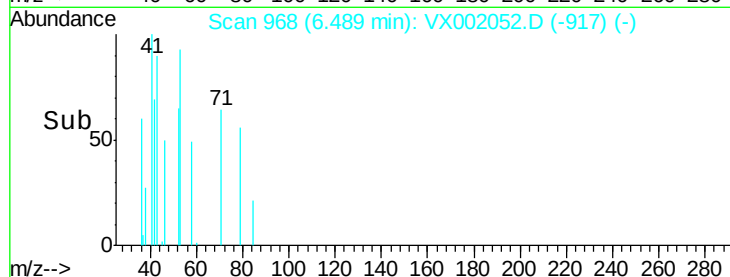
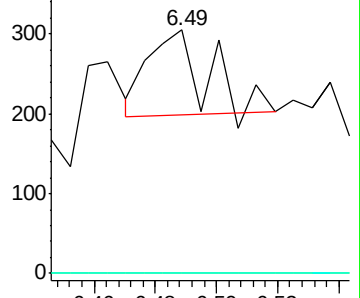
87 0.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VX001938.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VX001938.D (-954) (-)

Ion 87.00 (86.70 to 87.70): VX001938.D (-954) (-)



#44

Trichloroethene

Concen: 3.32 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX002052.D

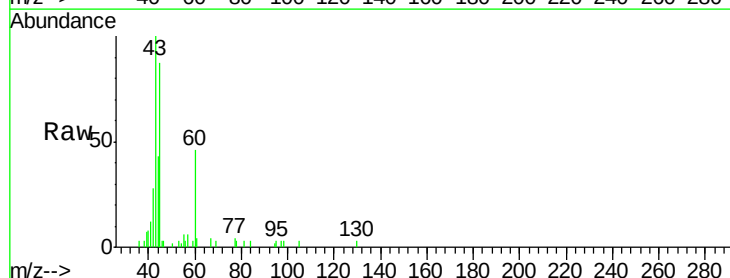
Acq: 27 May 2018 06:57

Tgt Ion: 130 Resp: 70

Ion Ratio Lower Upper

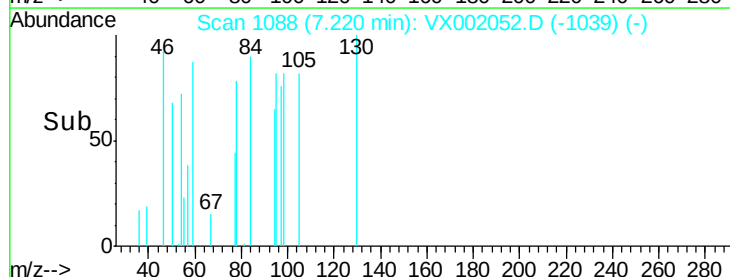
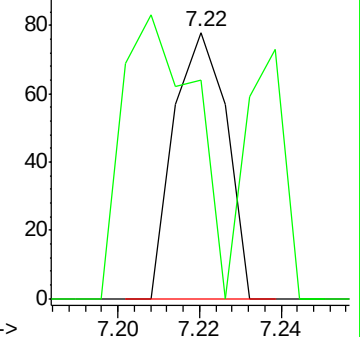
130 100

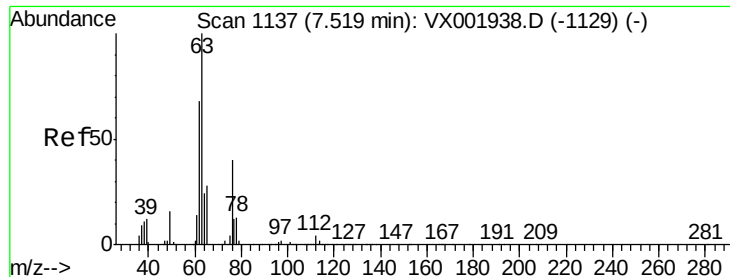
95 0.0 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): VX001938.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX001938.D (-1077) (-)

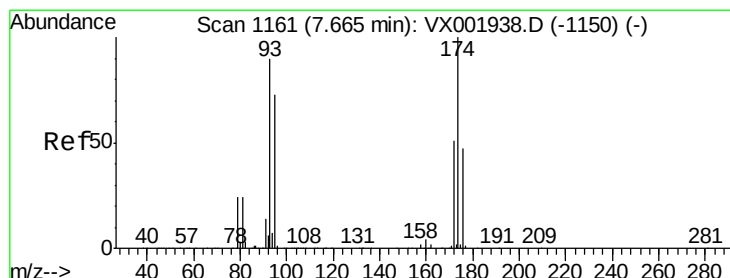
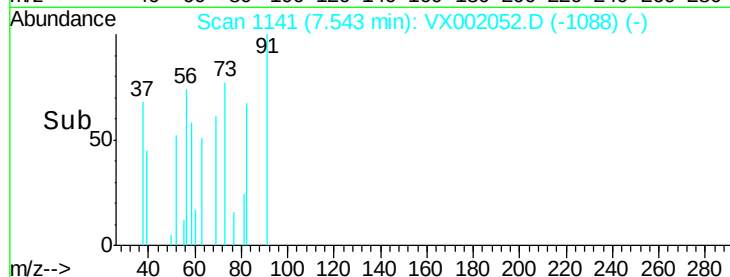
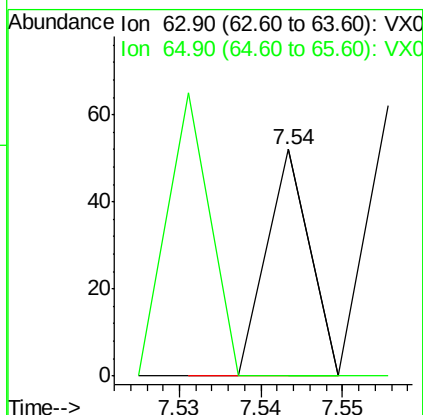
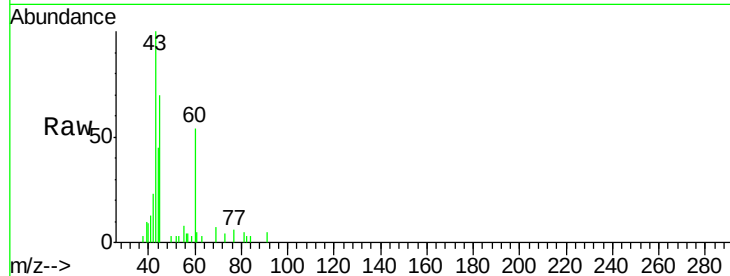




#45
 1,2-Dichloropropane
 Concen: 0.97 ug/l
 RT: 7.54 min Scan# 1141
 Delta R.T. 0.02 min
 Lab File: VX002052.D
 Acq: 27 May 2018 06:57

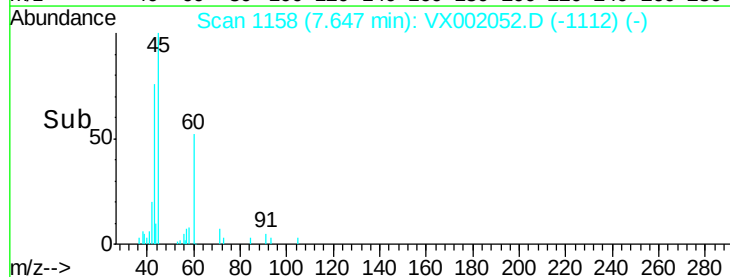
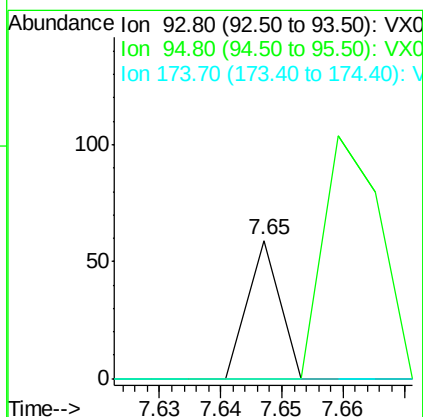
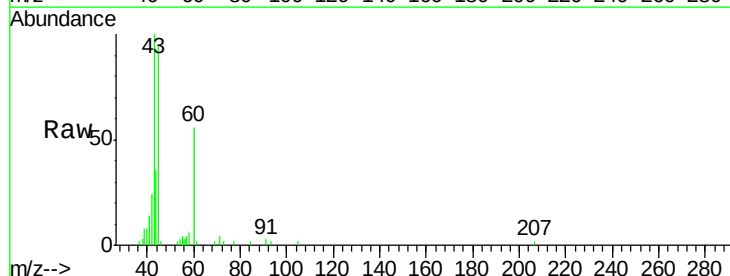
Instrument :
 MSVOA_X
 ClientSampleId :

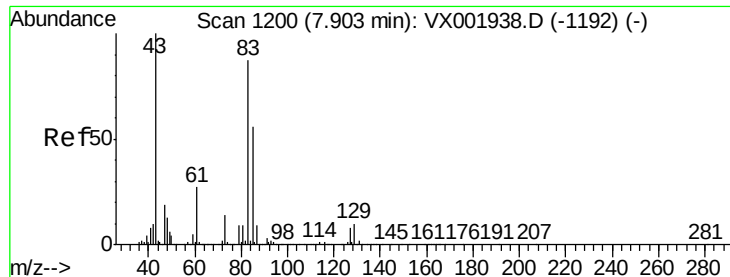
Tot Ion: 63 Resp: 19
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.1 36.1#



#46
 Dibromomethane
 Concen: 1.69 ug/l
 RT: 7.65 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: VX002052.D
 Acq: 27 May 2018 06:57

Tgt Ion: 93 Resp: 22
 Ion Ratio Lower Upper
 93 100
 95 304.5 66.1 99.1#
 174 0.0 92.5 138.7#





#47

Bromodichloromethane

Concen: 34.56 ug/l

RT: 7.90 min Scan# 1200

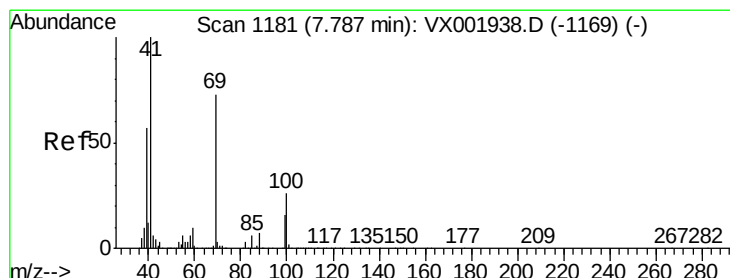
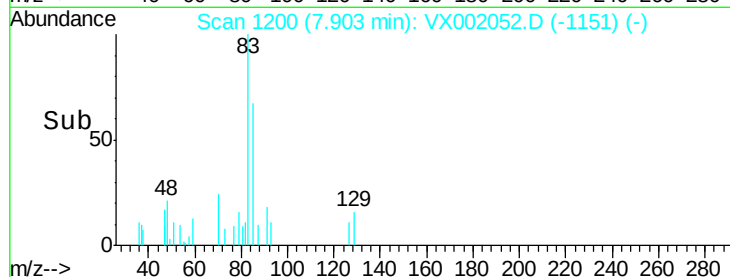
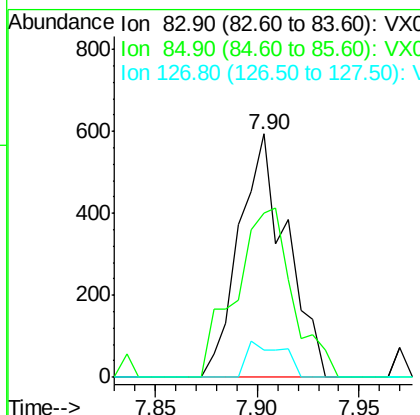
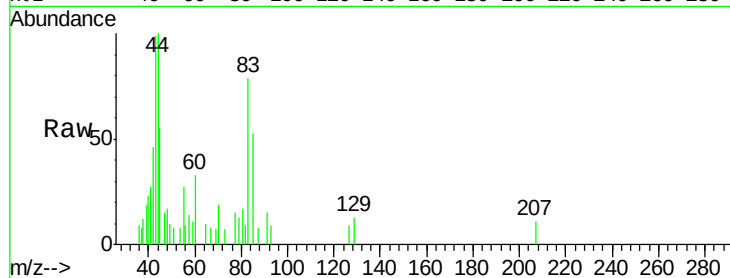
Delta R.T. 0.00 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	960
Ion	Ratio	Lower	Upper
83	100		
85	67.3	51.4	77.2
127	11.1	7.1	10.7#



#48

Methyl methacrylate

Concen: 3.07 ug/l

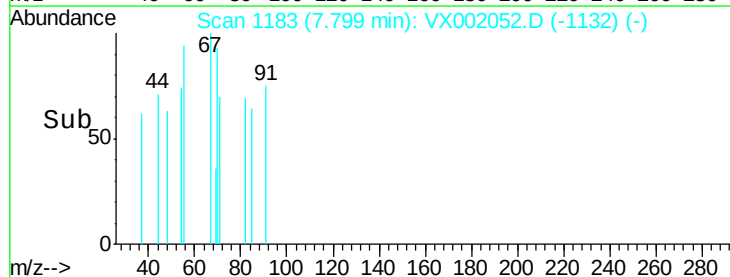
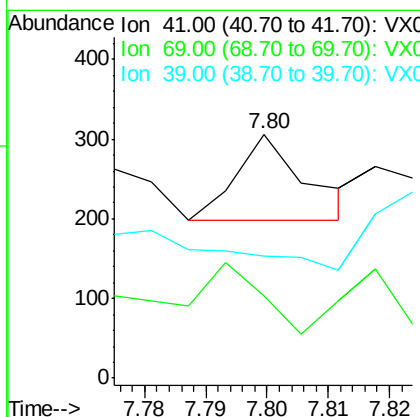
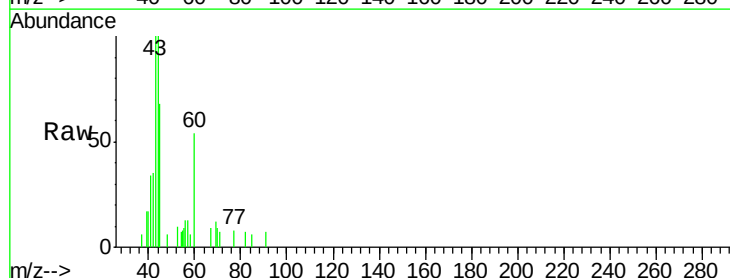
RT: 7.80 min Scan# 1183

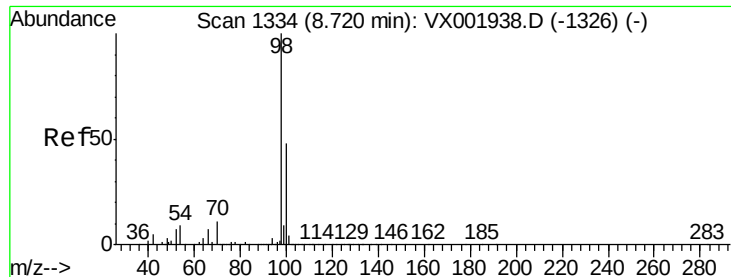
Delta R.T. 0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Tgt Ion:	41	Resp:	84
Ion	Ratio	Lower	Upper
41	100		
69	0.0	58.6	87.8#
39	0.0	46.3	69.5#

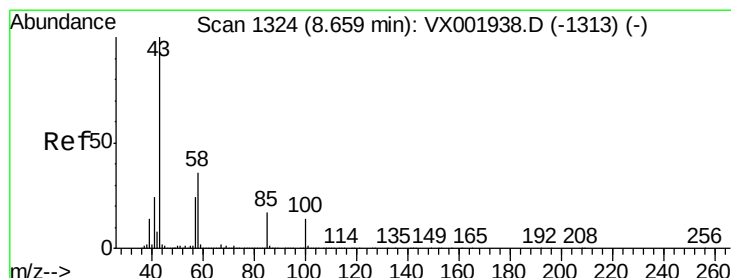
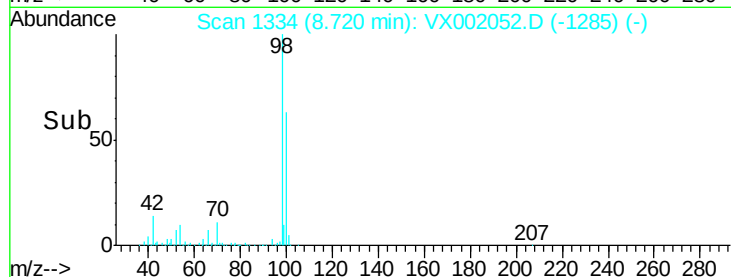
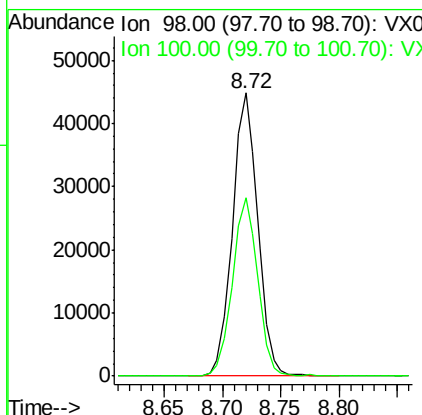
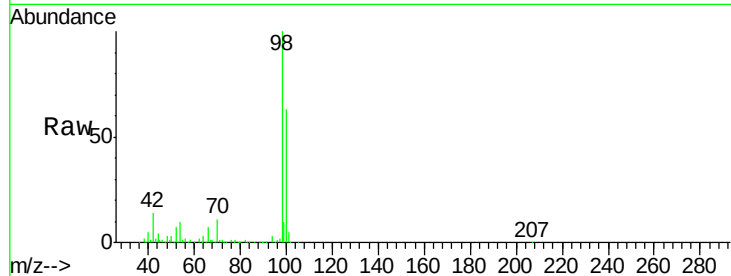




#50
Toluene-d8
Concen: 1057.90 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

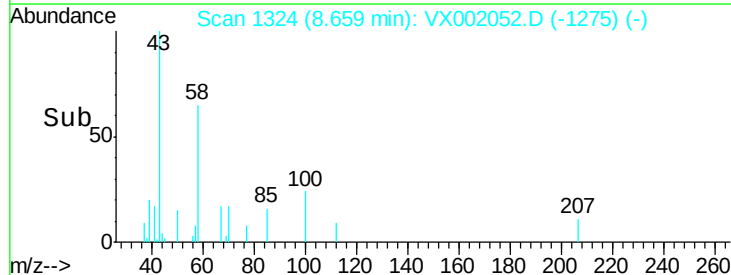
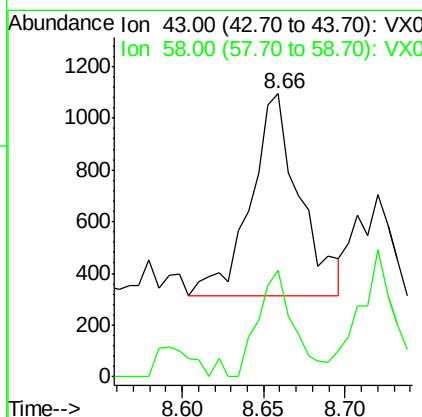
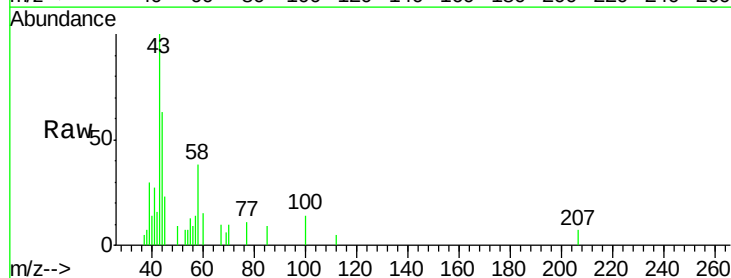
Instrument :
MSVOA_X
ClientSampled :

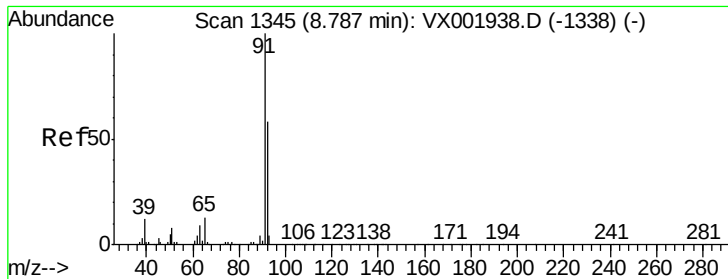
Tot Ion: 98 Resp: 68097
Ion Ratio Lower Upper
98 100
100 63.0 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 49.96 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

Tgt Ion: 43 Resp: 1618
Ion Ratio Lower Upper
43 100
58 39.2 28.5 42.7





#52

Toluene

Concen: 14.57 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

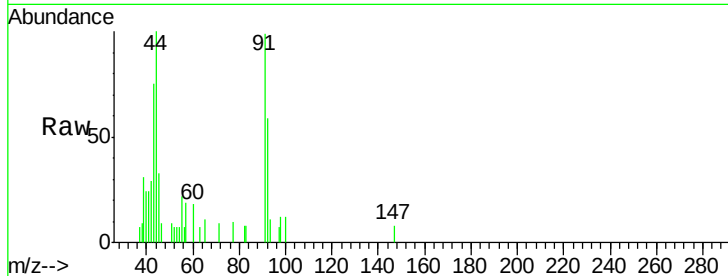
ClientSampled :

Tot Ion: 92 Resp: 672

Ion Ratio Lower Upper

92 100

91 194.6 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

800

600

400

200

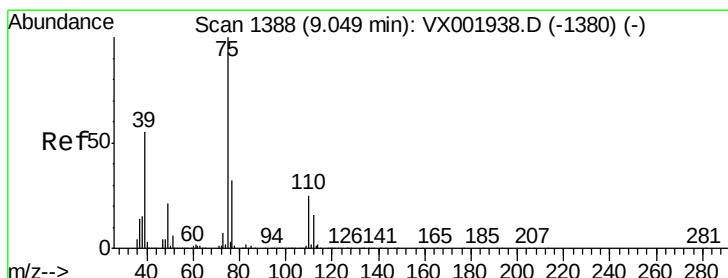
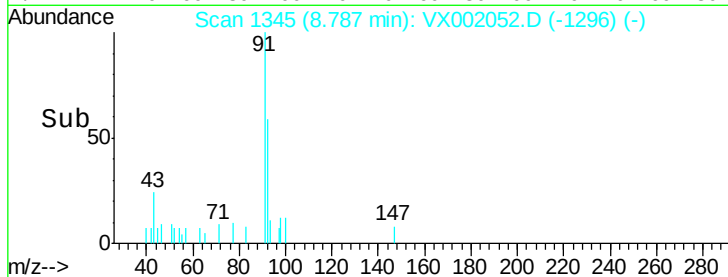
0

8.75

8.80

8.79

Time-->



#54

cis-1,3-Dichloropropene

Concen: 2.41 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

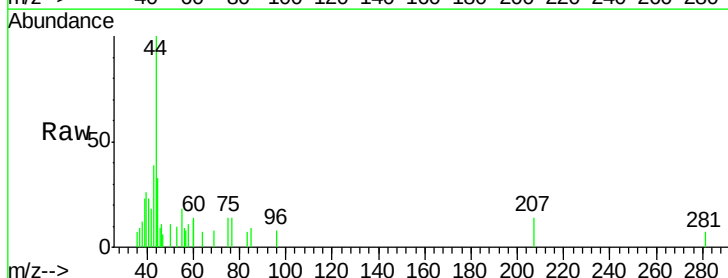
Tgt Ion: 75 Resp: 75

Ion Ratio Lower Upper

75 100

77 6.8 25.4 38.0#

39 26.3 44.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

300

200

100

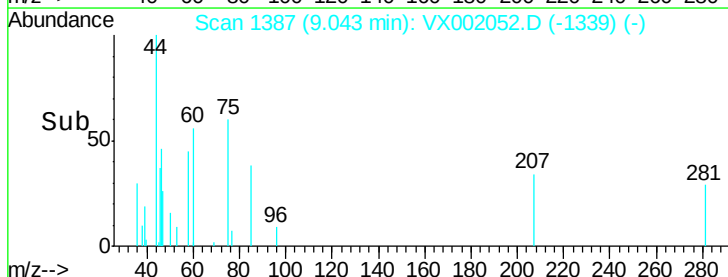
0

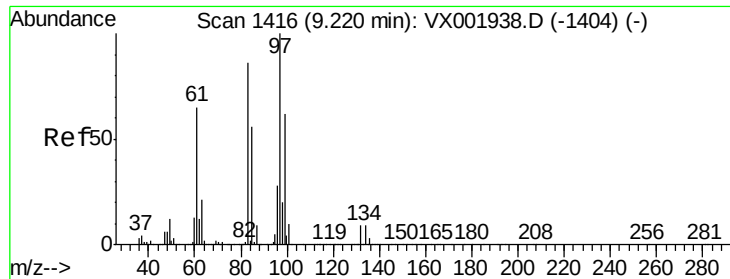
9.02

9.04

9.06

Time-->

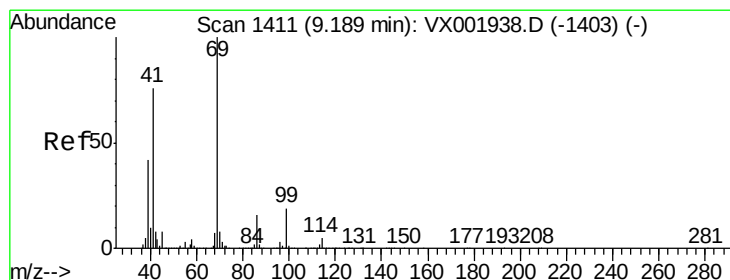
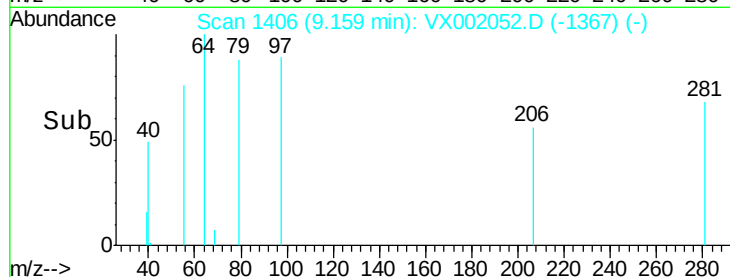
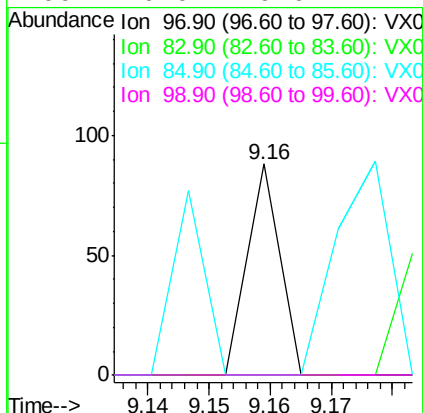
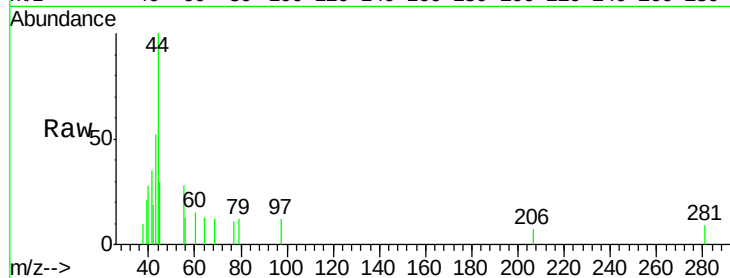




#55
 1,1,2-Trichloroethane
 Concen: 1.66 ug/l
 RT: 9.16 min Scan# 1406
 Delta R.T. -0.06 min
 Lab File: VX002052.D
 Acq: 27 May 2018 06:57

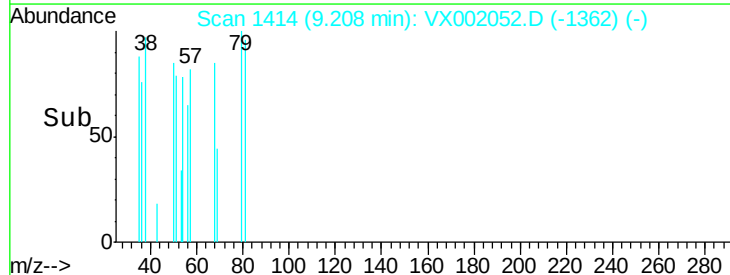
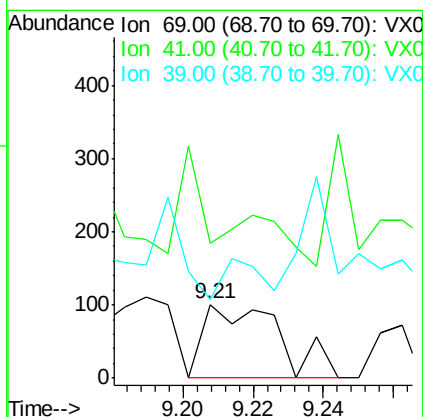
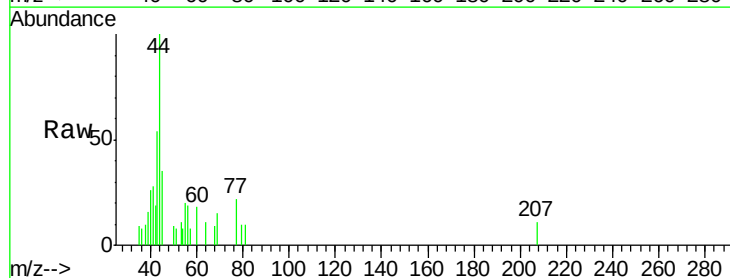
Instrument :
 MSVOA_X
 ClientSampleId :

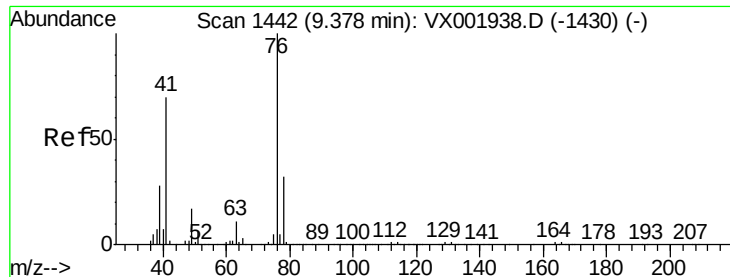
Tot Ion:	97	Resp:	32
Ion	Ratio	Lower	Upper
97	100		
83	0.0	69.1	103.7#
85	0.0	45.2	67.8#
99	0.0	49.6	74.4#



#56
 Ethyl methacrylate
 Concen: 4.56 ug/l
 RT: 9.21 min Scan# 1414
 Delta R.T. 0.02 min
 Lab File: VX002052.D
 Acq: 27 May 2018 06:57

Tgt Ion:	69	Resp:	151
Ion	Ratio	Lower	Upper
69	100		
41	47.0	61.0	91.6#
39	81.5	34.4	51.6#





#57

1,3-Dichloropropane

Concen: 1.29 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

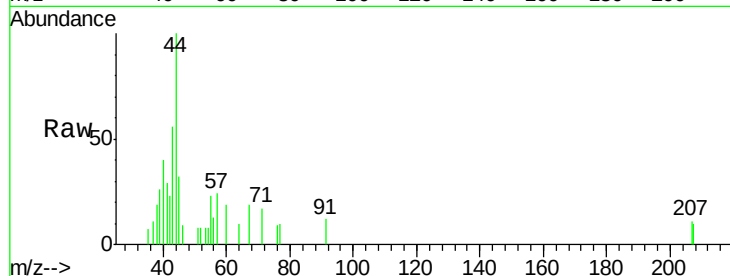
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 76 Resp: 41

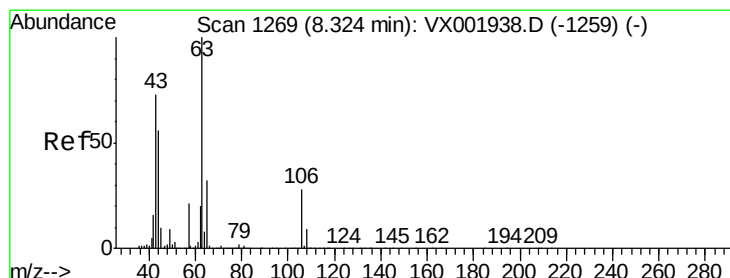
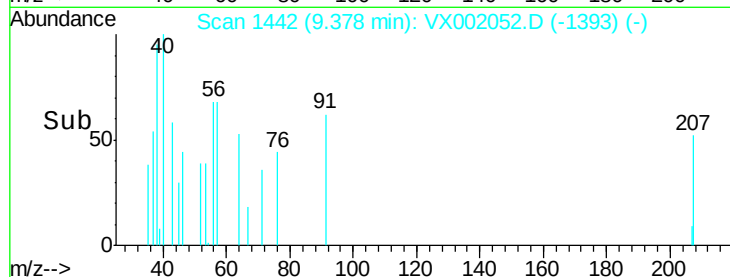
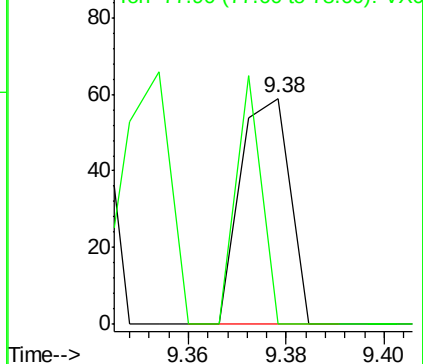
Ion Ratio Lower Upper

76 100

78 58.5 25.6 38.4#



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 2.11 ug/l

RT: 8.49 min Scan# 1297

Delta R.T. 0.17 min

Lab File: VX002052.D

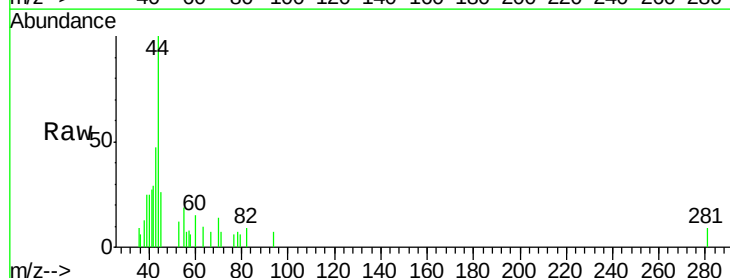
Acq: 27 May 2018 06:57

Tgt Ion: 63 Resp: 31

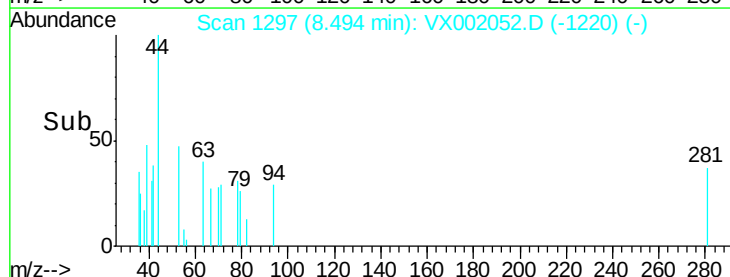
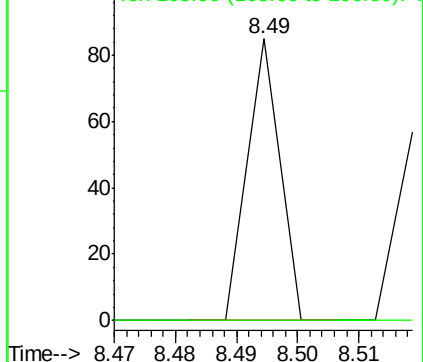
Ion Ratio Lower Upper

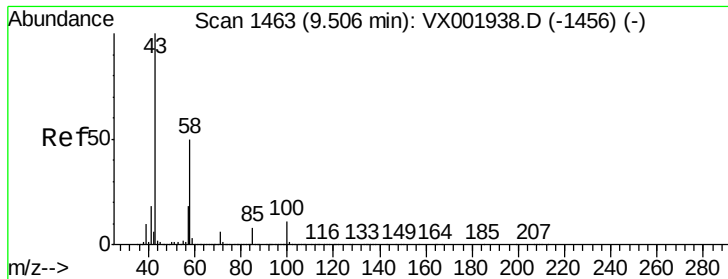
63 100

106 0.0 21.7 32.5#



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 105.90 (105.60 to 106.60): V

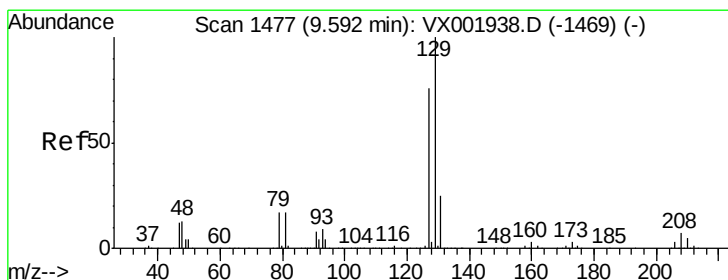
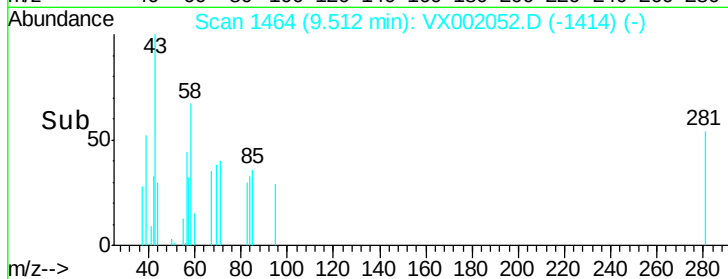
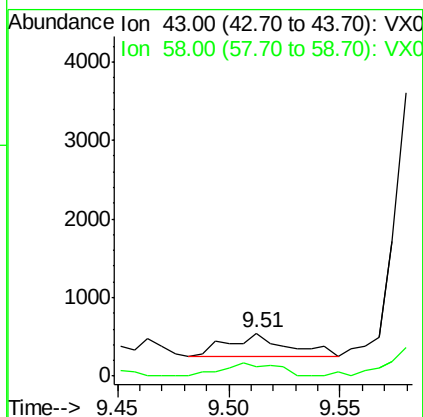
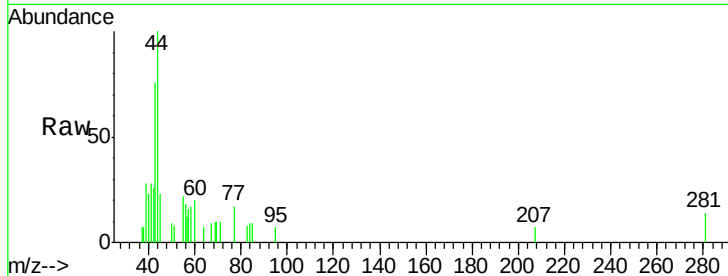




#59
2-Hexanone
Concen: 21.99 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

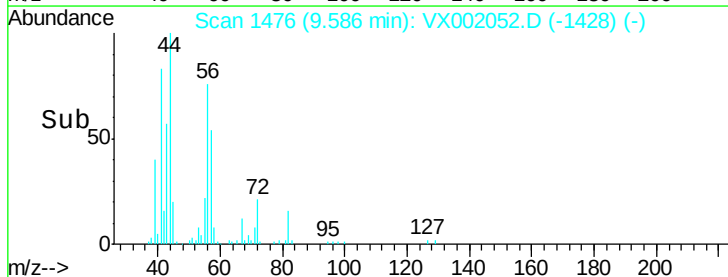
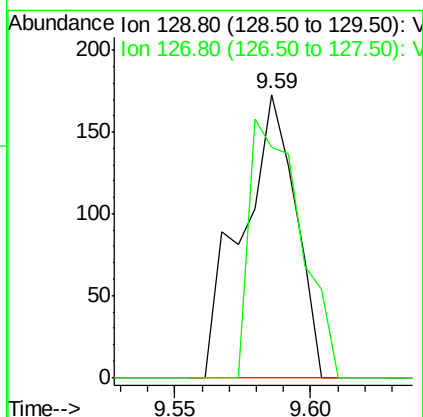
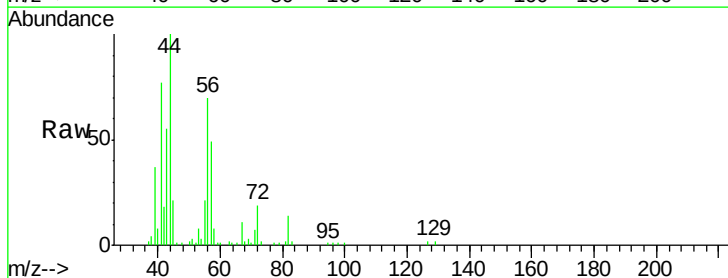
Instrument :
MSVOA_X
ClientSampled :

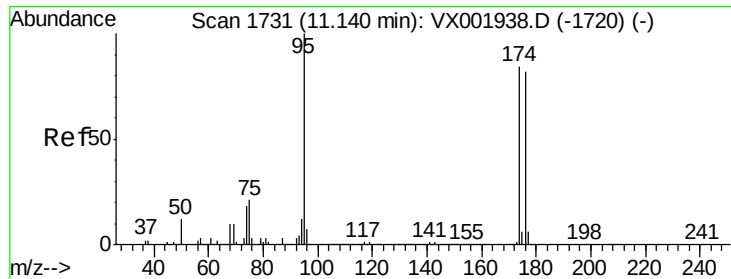
Tot Ion: 43 Resp: 549
Ion Ratio Lower Upper
43 100
58 50.8 24.9 74.6



#60
Dibromochloromethane
Concen: 10.39 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

Tgt Ion: 129 Resp: 237
Ion Ratio Lower Upper
129 100
127 86.1 38.3 114.9





#62

4-Bromofluorobenzene

Concen: 924.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

ClientSampled :

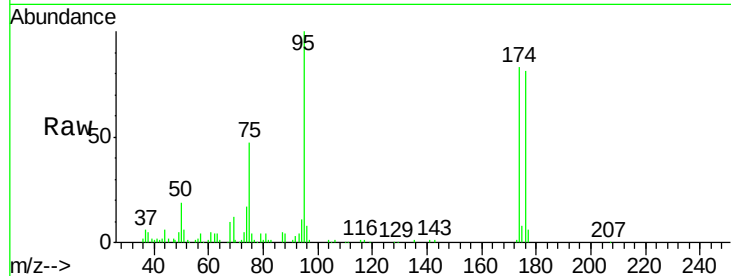
Tot Ion: 95 Resp: 23285

Ion Ratio Lower Upper

95 100

174 89.8 0.0 178.8

176 87.0 0.0 175.6



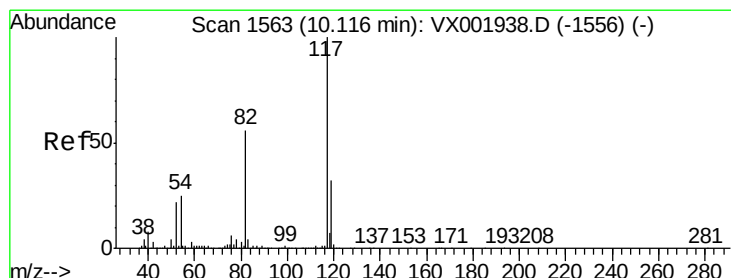
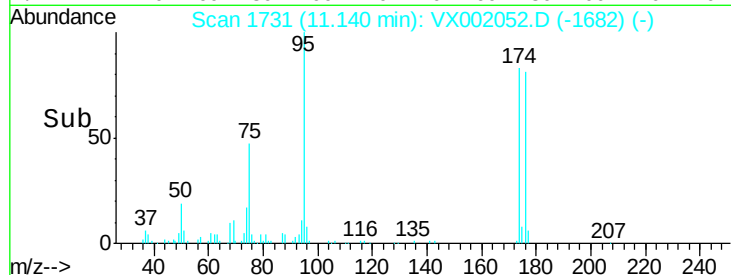
Abundance Ion 94.90 (94.60 to 95.60): VX001938.D (-1720) (-)

Ion 173.80 (173.50 to 174.50): VX001938.D (-1720) (-)

Ion 175.80 (175.50 to 176.50): VX001938.D (-1720) (-)

Time-->

11.14



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

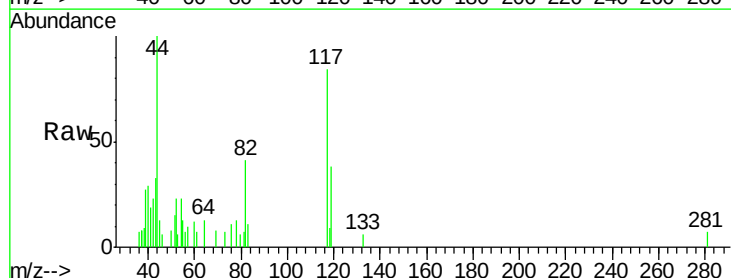
Tgt Ion: 117 Resp: 1069

Ion Ratio Lower Upper

117 100

82 48.0 44.8 67.2

119 45.0 25.5 38.3#



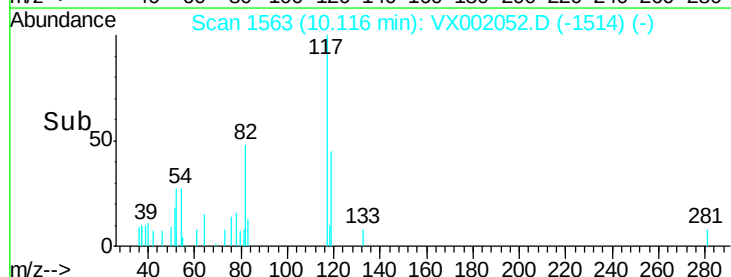
Abundance Ion 116.90 (116.60 to 117.60): VX001938.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX001938.D (-1556) (-)

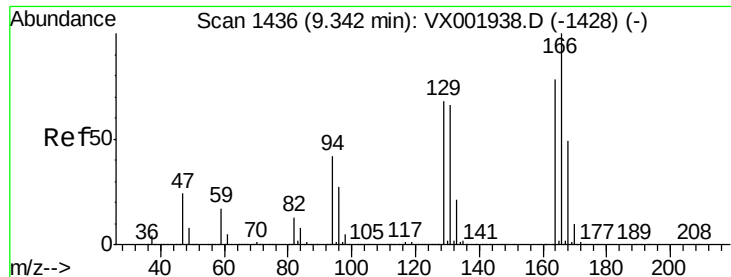
Ion 118.90 (118.60 to 119.60): VX001938.D (-1556) (-)

Time-->

10.12



Time-->



#64

Tetrachloroethene

Concen: 17.94 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 275

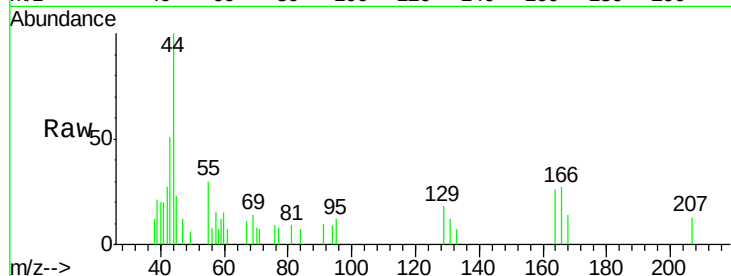
Ion Ratio Lower Upper

164 100

166 106.8 102.7 154.1

129 69.4 70.3 105.5#

131 47.1 68.2 102.4#

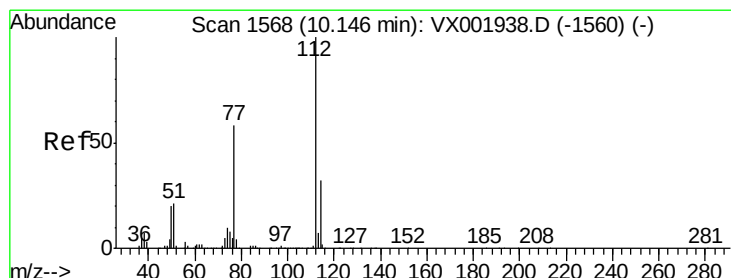
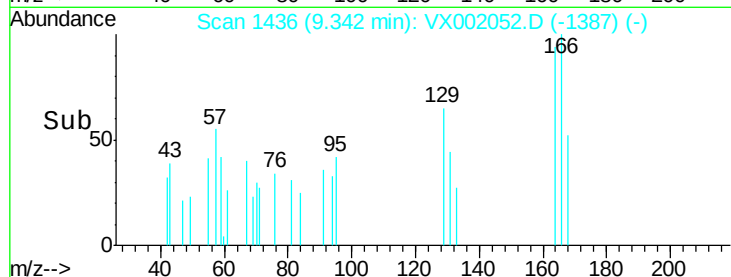
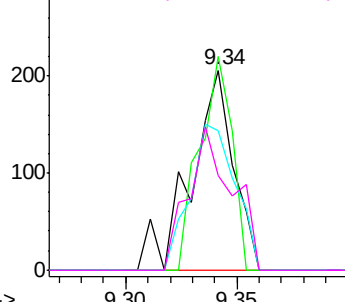


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 10.13 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX002052.D

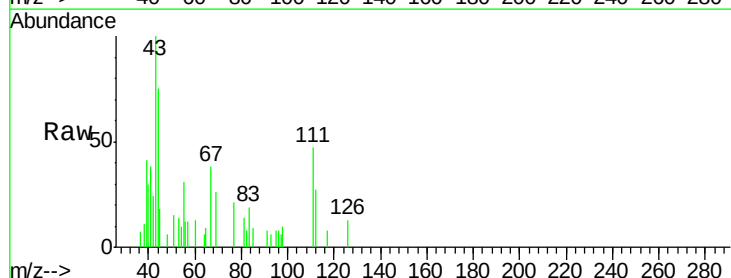
Acq: 27 May 2018 06:57

Tgt Ion:112 Resp: 343

Ion Ratio Lower Upper

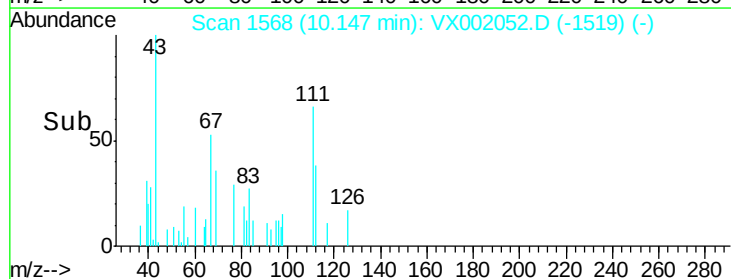
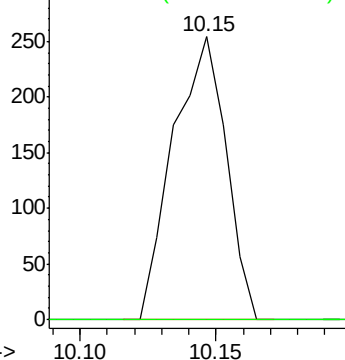
112 100

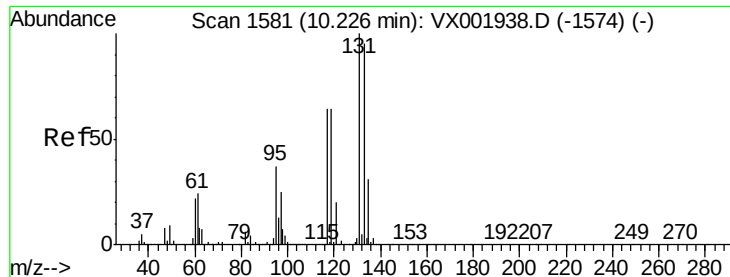
114 0.0 25.9 38.9#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

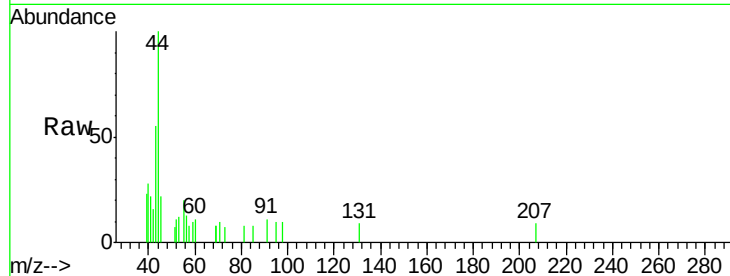




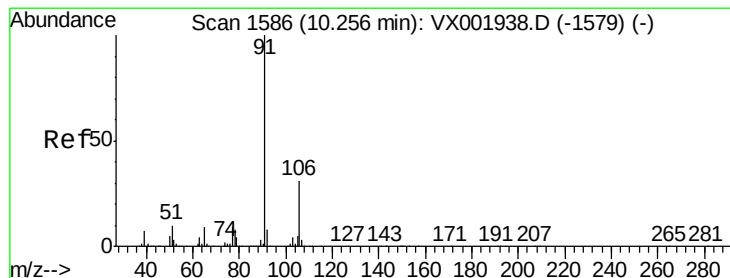
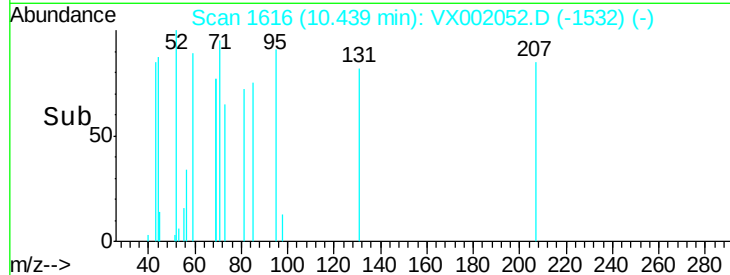
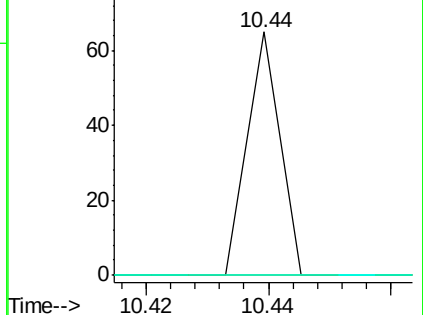
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.75 ug/l
 RT: 10.44 min Scan# 1616
 Delta R.T. 0.21 min
 Lab File: VX002052.D
 Acq: 27 May 2018 06:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
131	100		
133	0.0	48.0	144.0#
119	0.0	31.9	95.5#

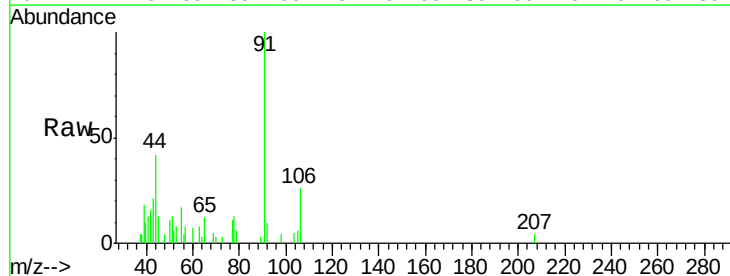


Abundance Ion 130.80 (130.50 to 131.50): V
 Ion 132.80 (132.50 to 133.50): V
 Ion 118.80 (118.50 to 119.50): V

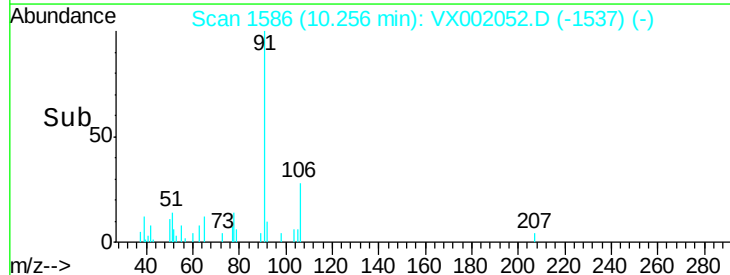
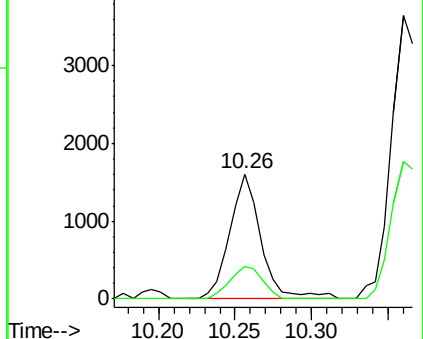


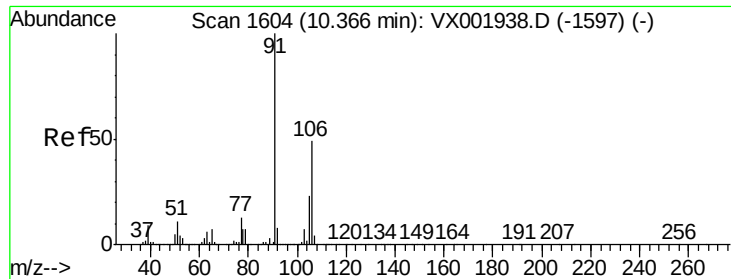
#67
 Ethyl Benzene
 Concen: 38.63 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX002052.D
 Acq: 27 May 2018 06:57

Tgt Ion	Ratio	Lower	Upper
91	100		
106	26.1	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-Xylenes

Concen: 110.74 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

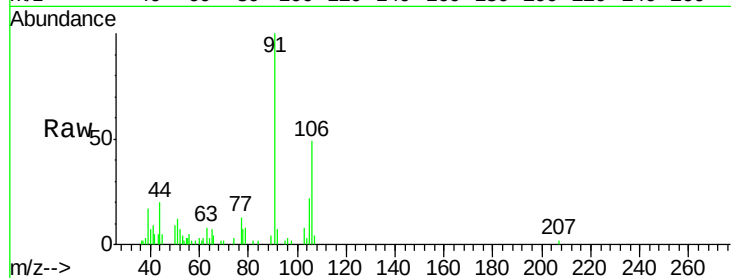
ClientSampleId :

Tot Ion:106 Resp: 2491

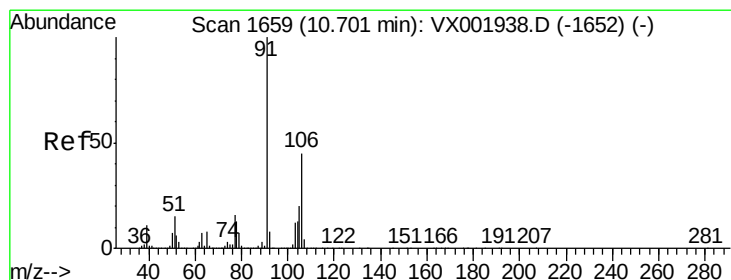
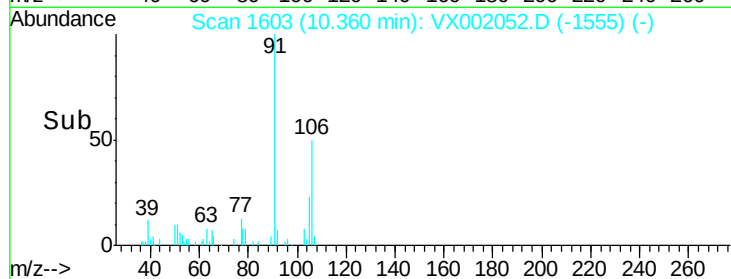
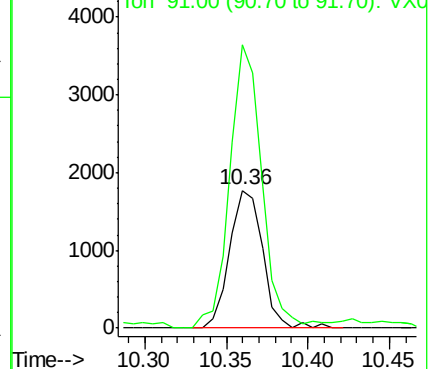
Ion Ratio Lower Upper

106 100

91 201.8 165.0 247.6



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 88.20 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX002052.D

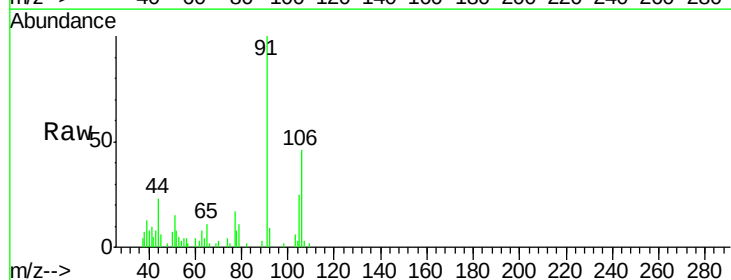
Acq: 27 May 2018 06:57

Tgt Ion:106 Resp: 1981

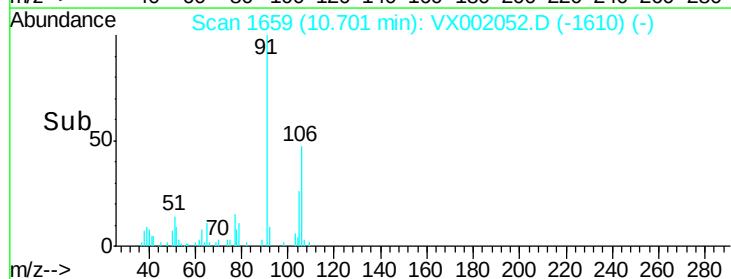
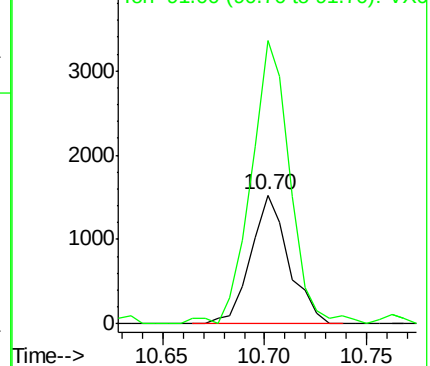
Ion Ratio Lower Upper

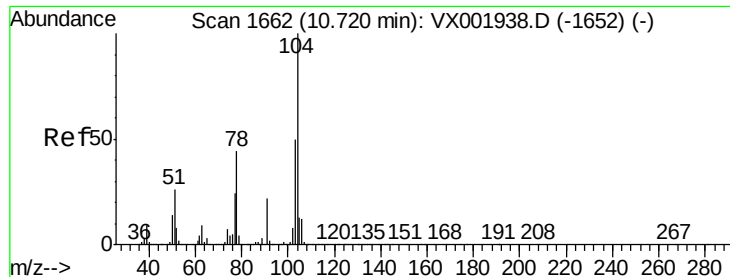
106 100

91 224.3 108.7 325.9



Abundance Ion 106.00 (105.70 to 106.70): V





#70

Stvrene

Concen: 10.28 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

ClientSampled :

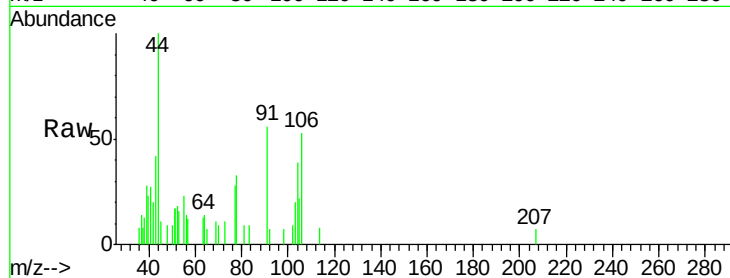
Tot Ion:104 Resp: 383

Ion Ratio Lower Upper

104 100

78 172.6 41.8 62.6#

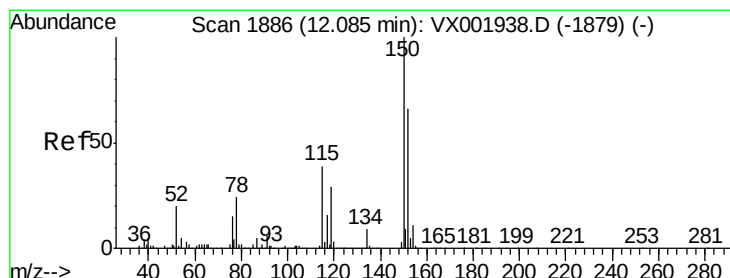
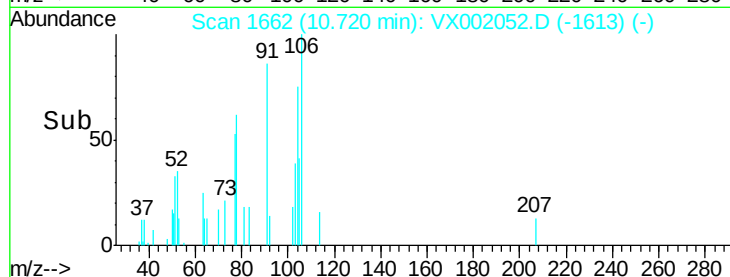
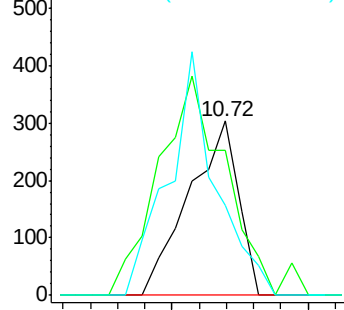
103 134.2 44.6 67.0#



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: VX002052.D

Acq: 27 May 2018 06:57

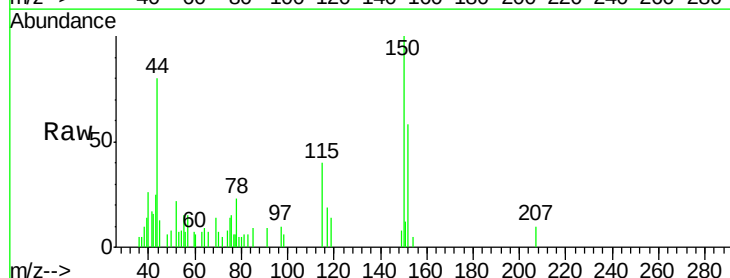
Tgt Ion:152 Resp: 842

Ion Ratio Lower Upper

152 100

115 71.3 42.3 126.8

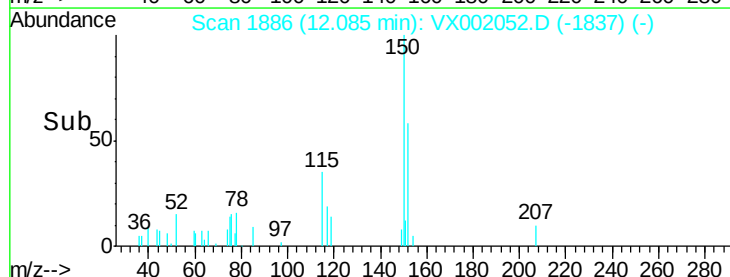
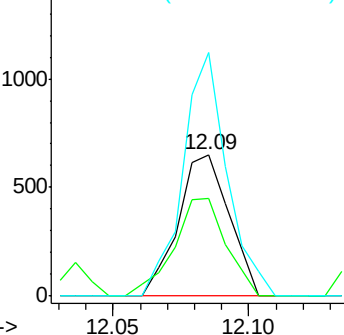
150 149.4 0.0 351.0

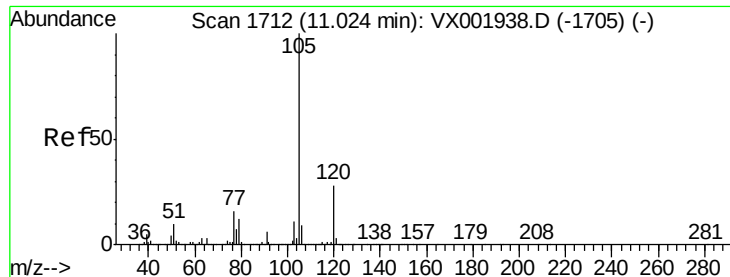


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 16.65 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

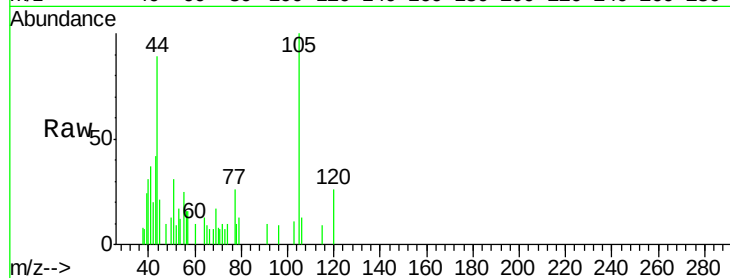
ClientSampled :

Tot Ion:105 Resp: 1187

Ion Ratio Lower Upper

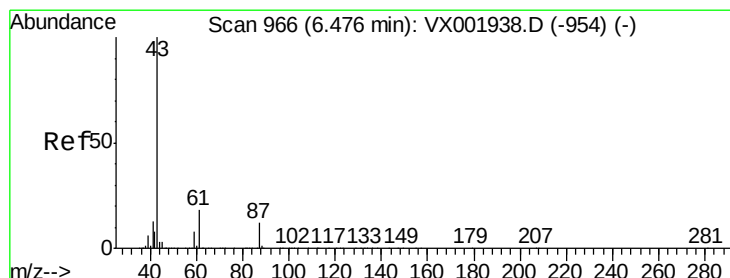
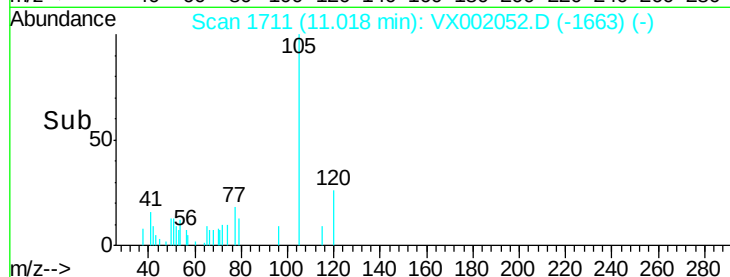
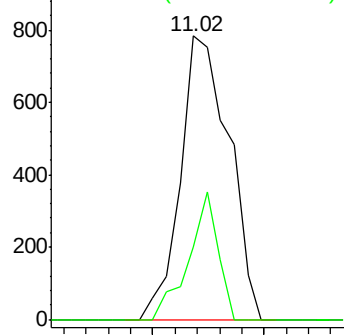
105 100

120 27.3 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: 0.62 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Tgt Ion: 43 Resp: 138

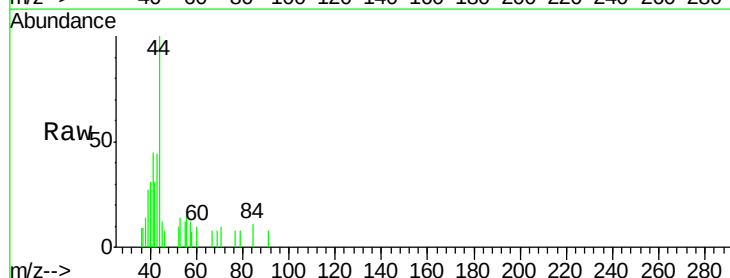
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 54.3 0.1 0.1#

61 0.0 14.5 21.7#

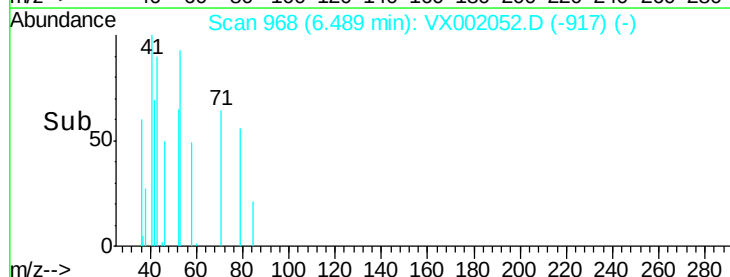
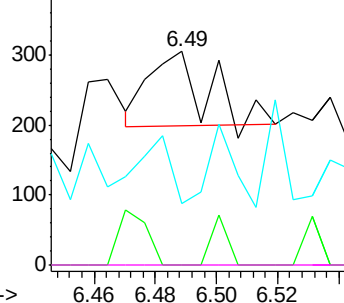


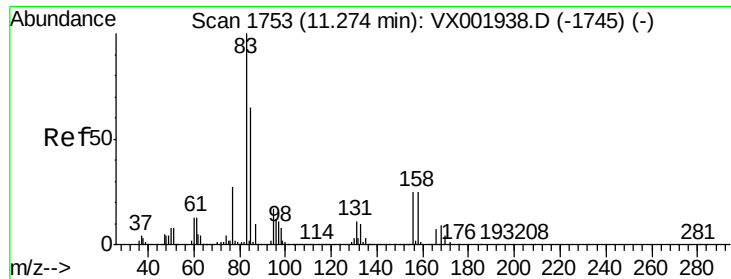
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 0.54 ug/l

RT: 11.24 min Scan# 1747

Delta R.T. -0.04 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

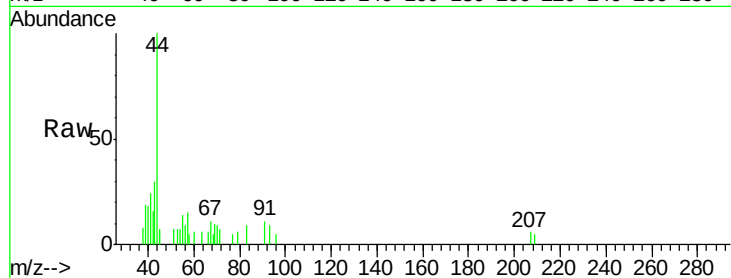
Tot Ion: 83 Resp: 35

Ion Ratio Lower Upper

83 100

131 0.0 5.7 17.0#

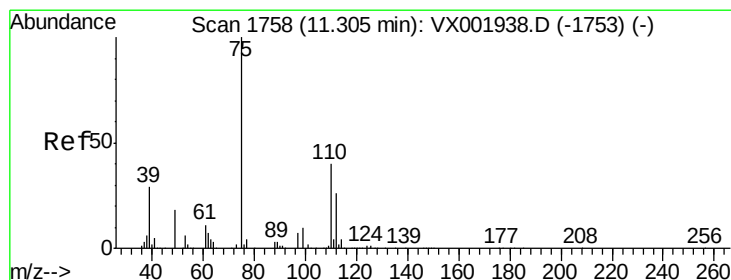
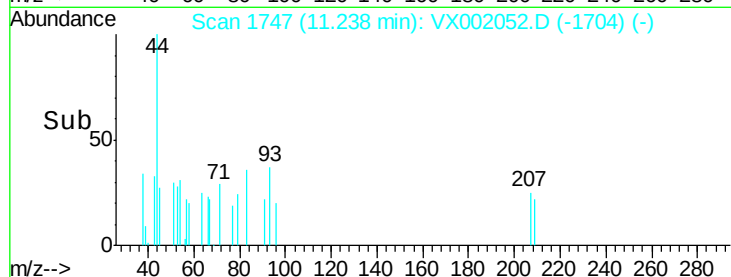
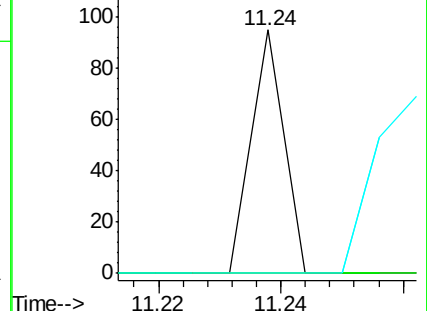
85 0.0 32.6 97.7#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 577.52 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002052.D

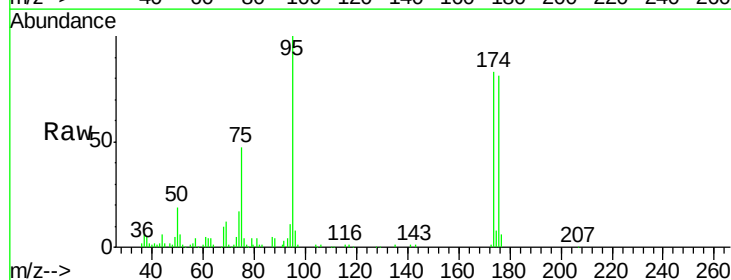
Acq: 27 May 2018 06:57

Tgt Ion: 75 Resp: 11680

Ion Ratio Lower Upper

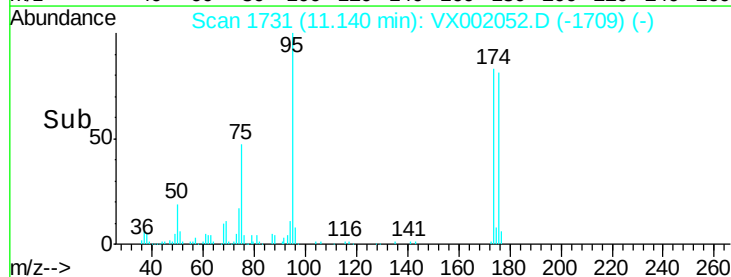
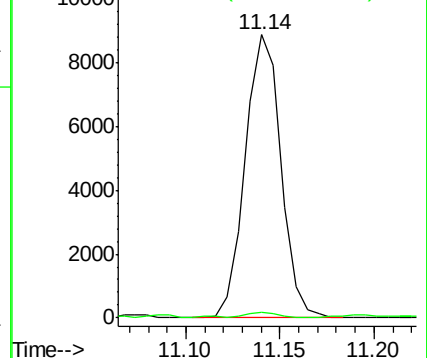
75 100

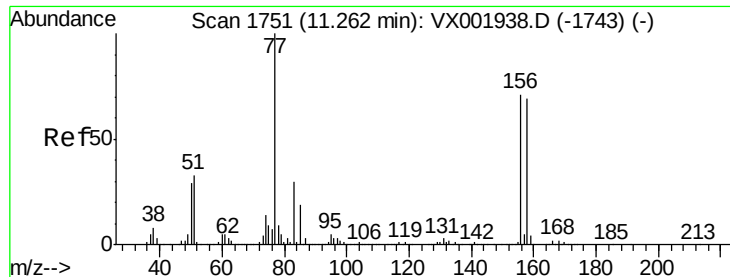
77 1.8 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 2.75 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

ClientSampled :

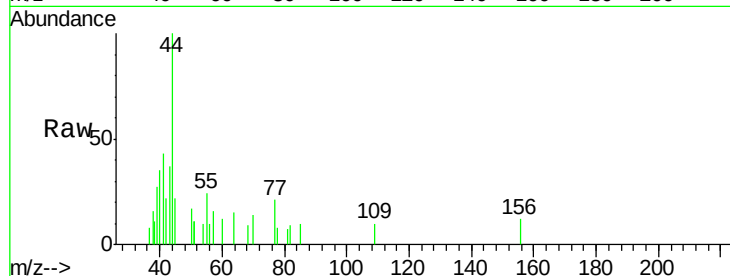
Tot Ion:156 Resp: 52

Ion Ratio Lower Upper

156 100

77 413.5 75.2 225.6#

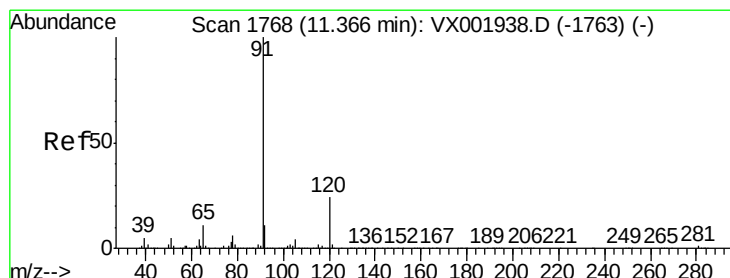
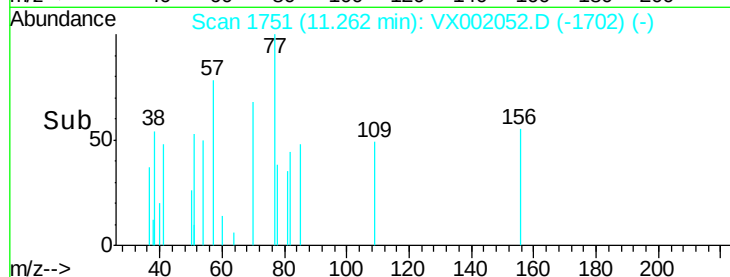
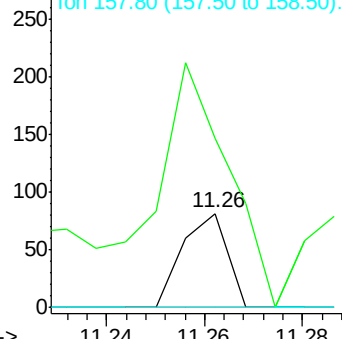
158 0.0 48.6 145.8#



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: 32.95 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002052.D

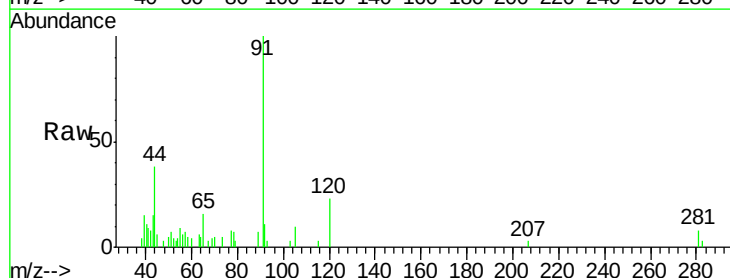
Acq: 27 May 2018 06:57

Tgt Ion: 91 Resp: 2631

Ion Ratio Lower Upper

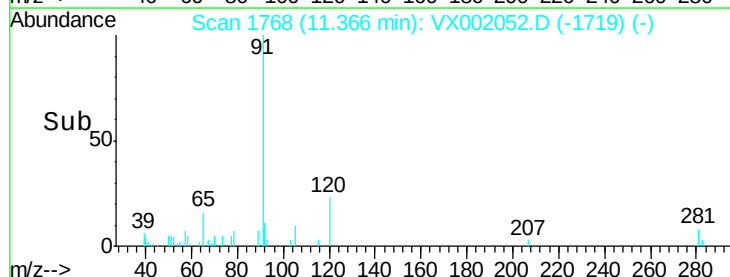
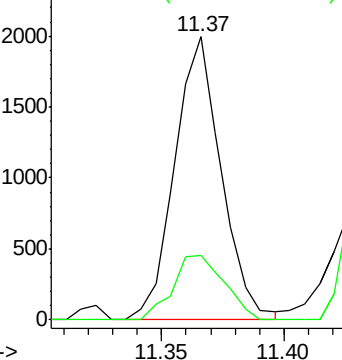
91 100

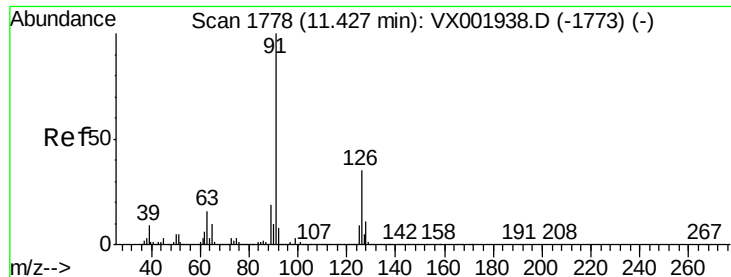
120 25.3 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.31 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

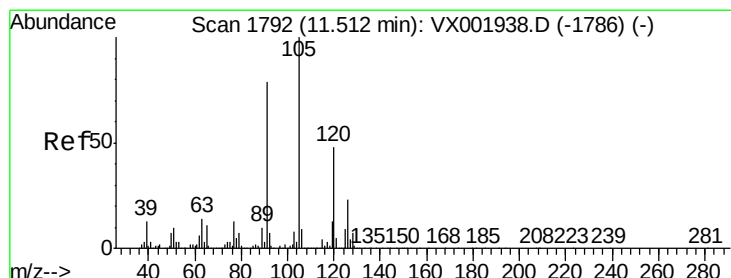
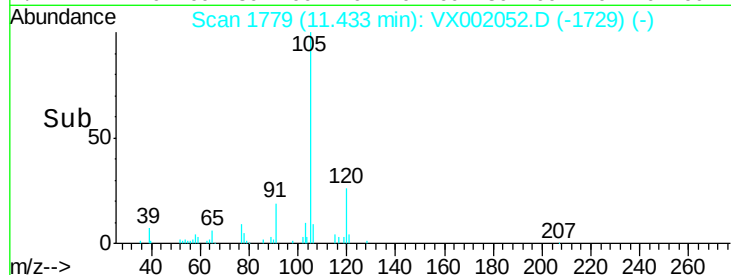
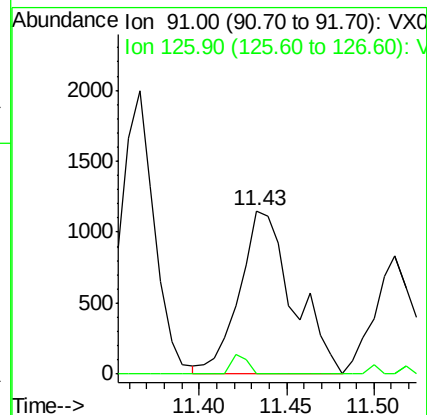
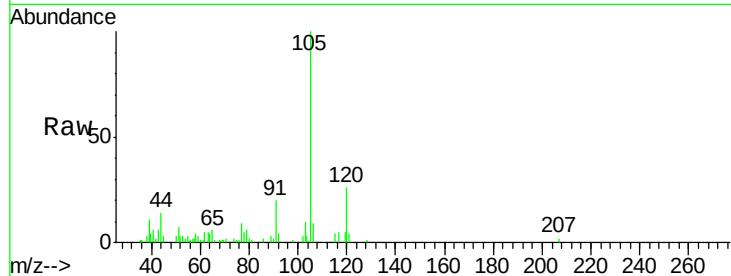
ClientSampleId :

Tot Ion: 91 Resp: 2454

Ion Ratio Lower Upper

91 100

126 3.5 17.4 52.2#



#80

1,3,5-Trimethylbenzene

Concen: 95.56 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002052.D

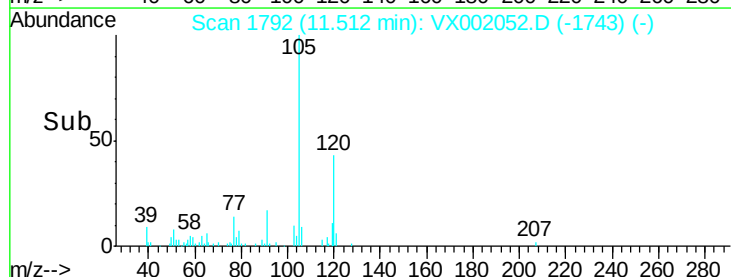
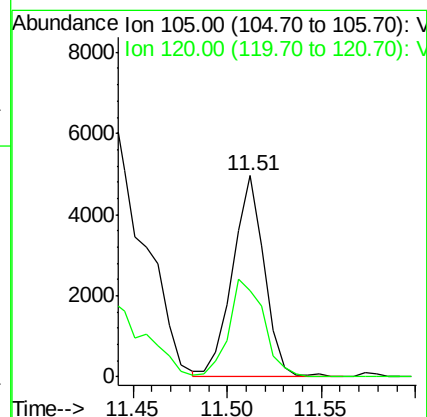
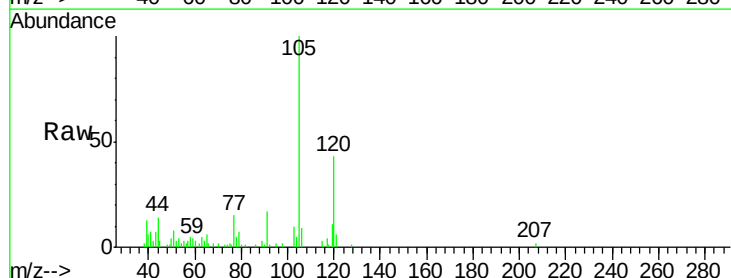
Acq: 27 May 2018 06:57

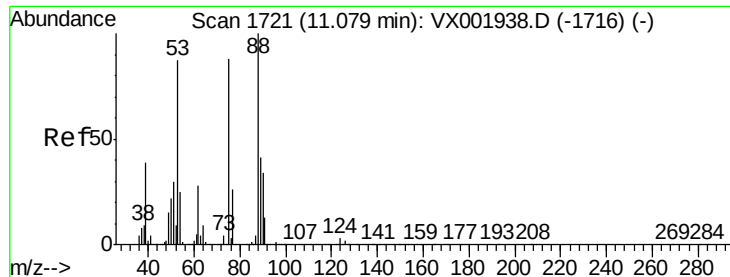
Tgt Ion: 105 Resp: 5823

Ion Ratio Lower Upper

105 100

120 53.2 24.1 72.4

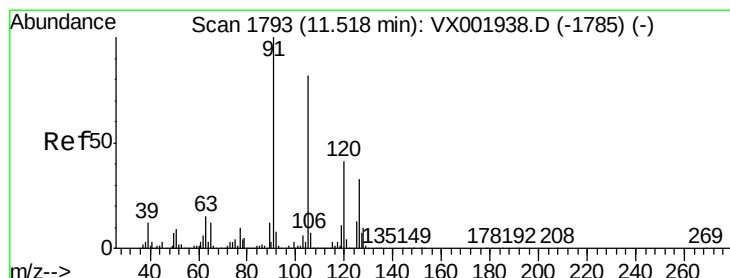
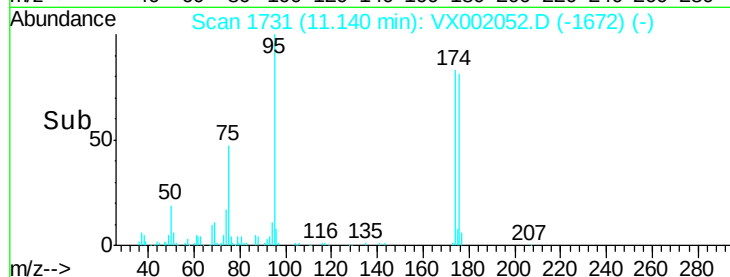
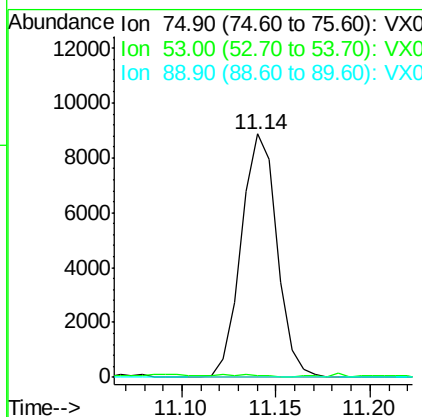
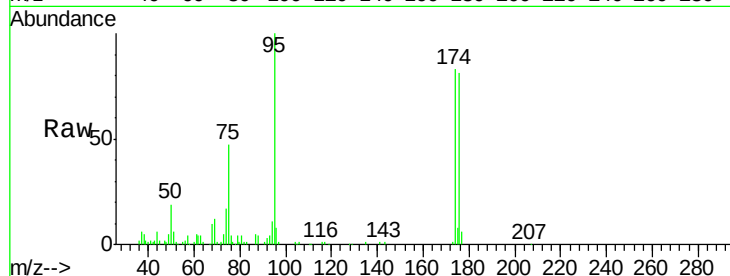




#81
trans-1,4-Dichloro-2-butene
Concen: 1388.02 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

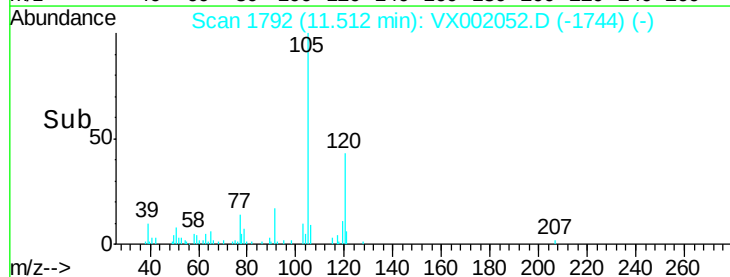
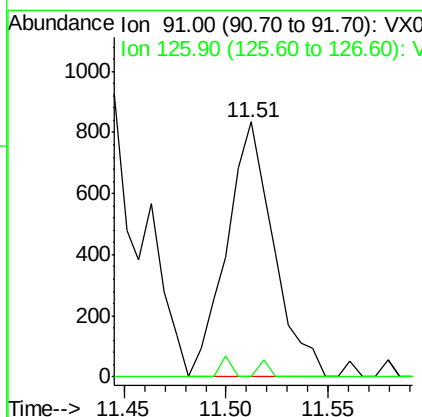
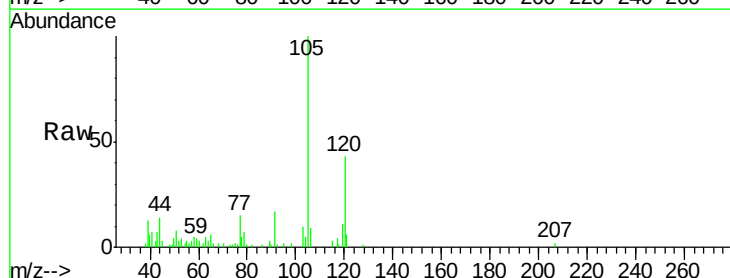
Instrument :
MSVOA_X
ClientSampleId :

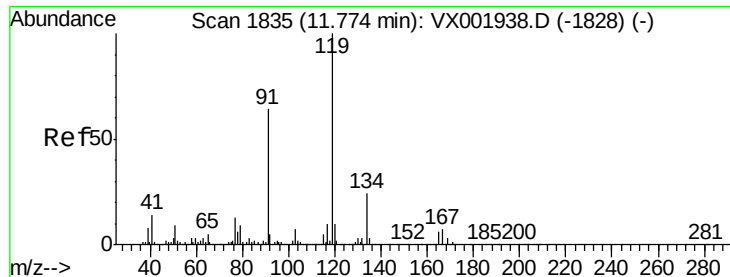
Tot Ion: 75 Resp: 11680
Ion Ratio Lower Upper
75 100
53 1.3 78.0 117.0#
89 0.0 39.4 59.2#



#82
4-Chlorotoluene
Concen: 23.65 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX002052.D
Acq: 27 May 2018 06:57

Tgt Ion: 91 Resp: 1332
Ion Ratio Lower Upper
91 100
126 1.5 15.3 45.8#

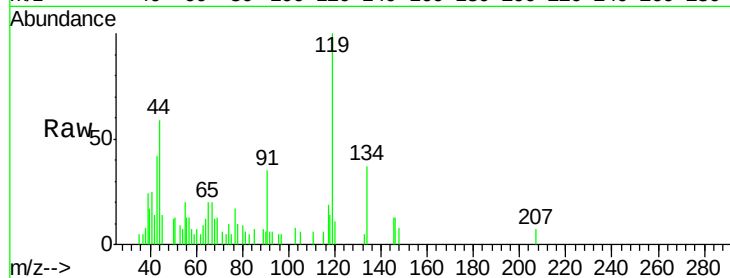




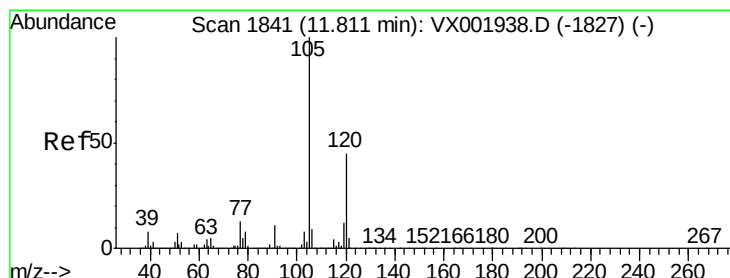
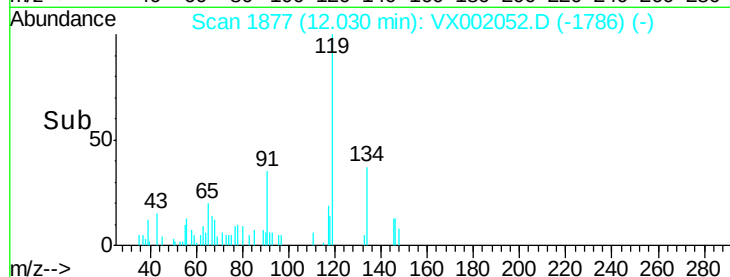
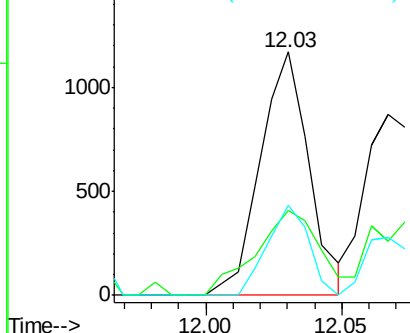
#83
 tert-Butylbenzene
 Concen: 24.30 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.26 min
 Lab File: VX002052.D
 Acq: 27 May 2018 06:57

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:119 Resp: 1453
 Ion Ratio Lower Upper
 119 100
 91 45.3 30.6 91.8
 134 31.5 11.7 35.0

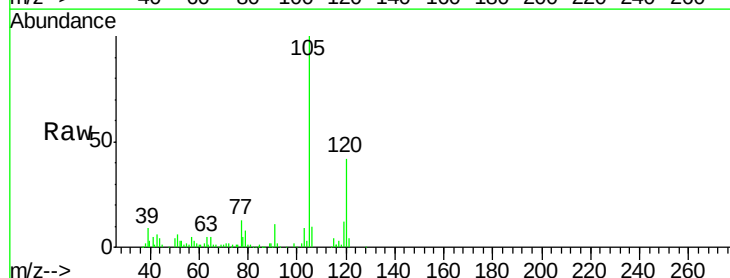


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

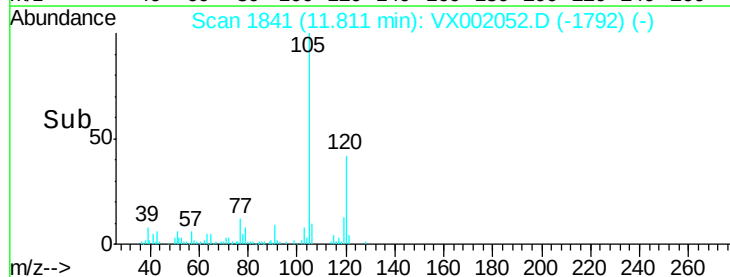
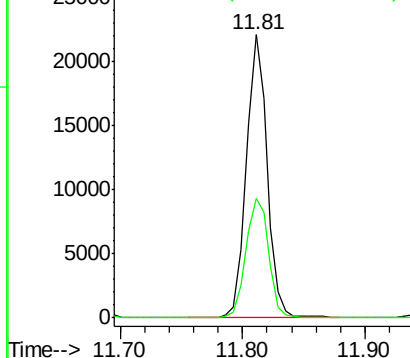


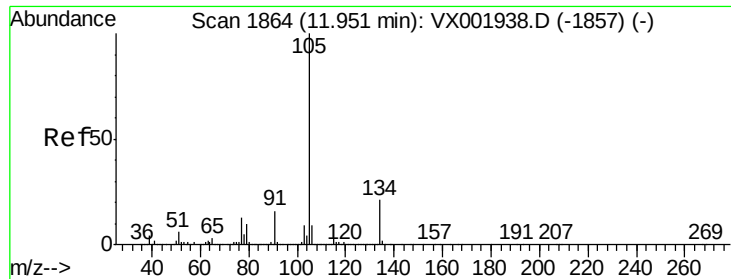
#84
 1,2,4-Trimethylbenzene
 Concen: 413.95 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002052.D
 Acq: 27 May 2018 06:57

Tgt Ion:105 Resp: 26066
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

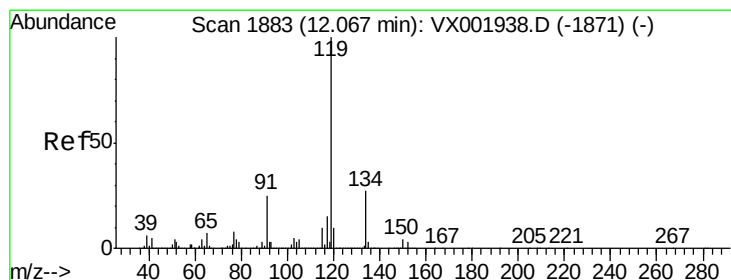
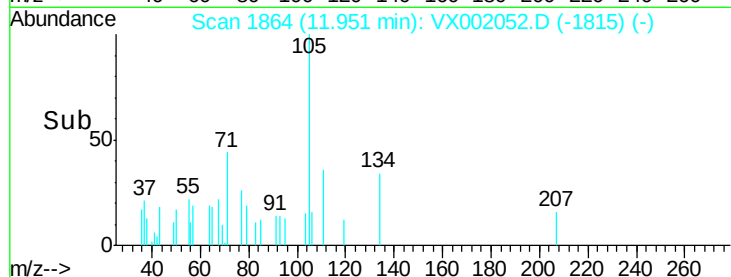
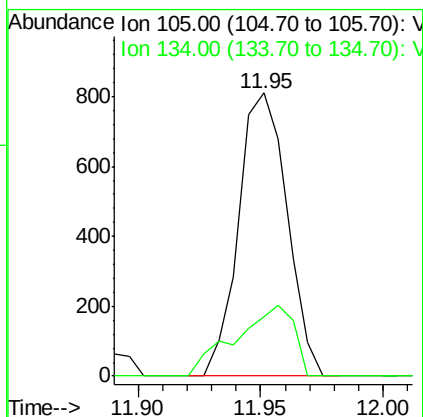
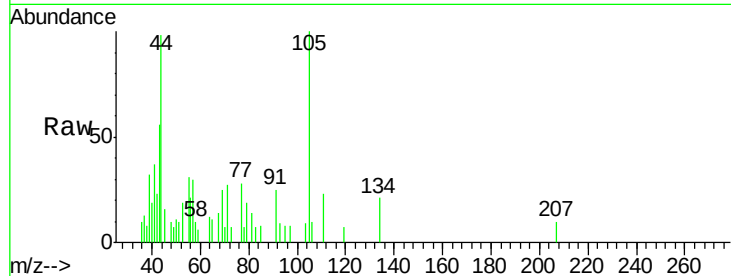




#85
 sec-Butylbenzene
 Concen: 15.58 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002052.D
 Acq: 27 May 2018 06:57

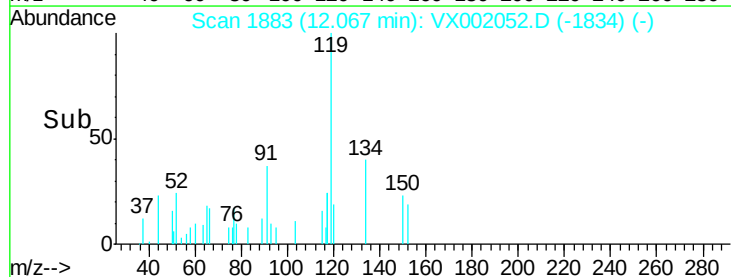
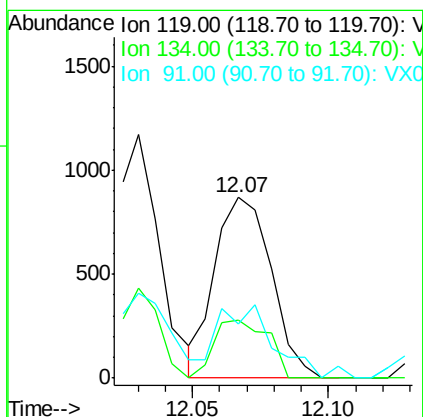
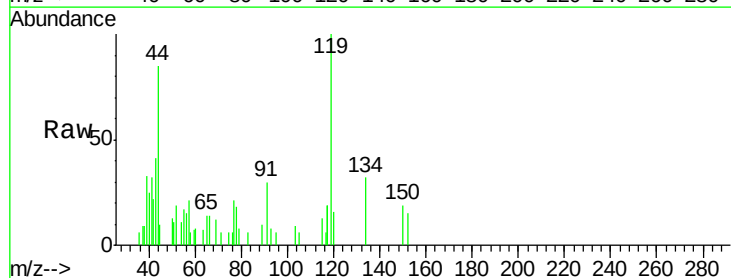
Instrument :
 MSVOA_X
 ClientSampleId :

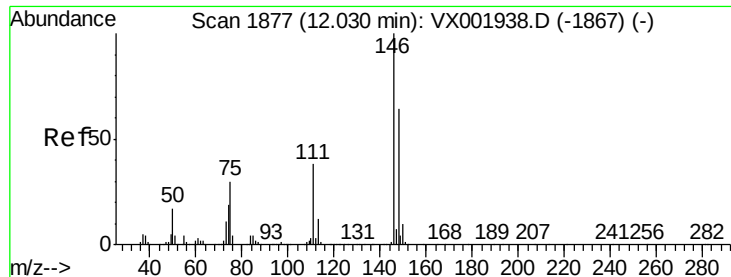
Tot Ion:105 Resp: 1120
 Ion Ratio Lower Upper
 105 100
 134 30.3 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 19.48 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002052.D
 Acq: 27 May 2018 06:57

Tgt Ion:119 Resp: 1253
 Ion Ratio Lower Upper
 119 100
 134 30.5 13.6 40.8
 91 42.0 12.2 36.4#

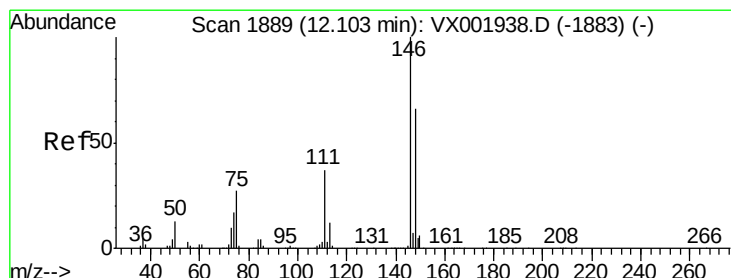
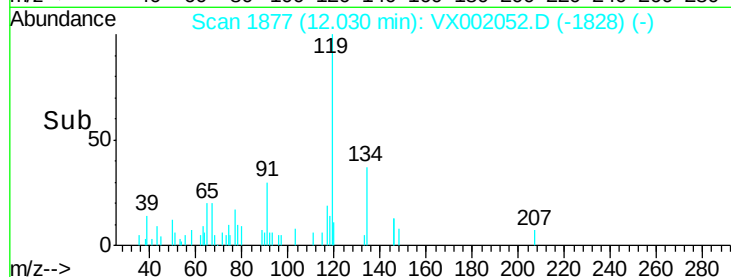
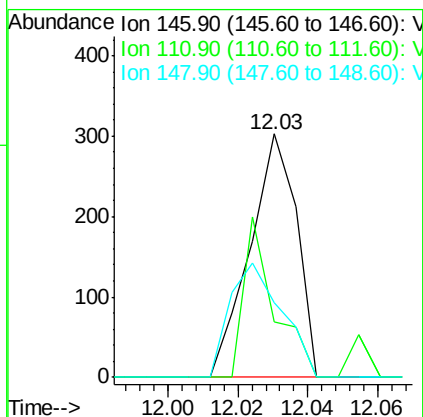
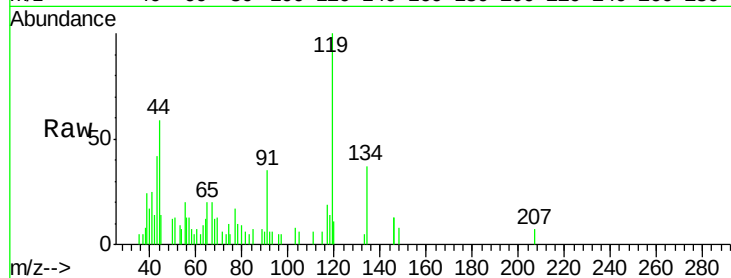




#87
 1,3-Dichlorobenzene
 Concen: 8.26 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002052.D
 Acq: 27 May 2018 06:57

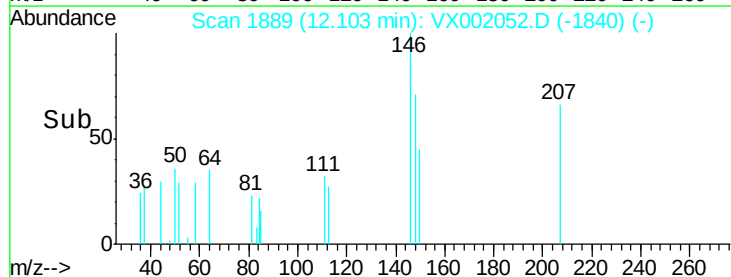
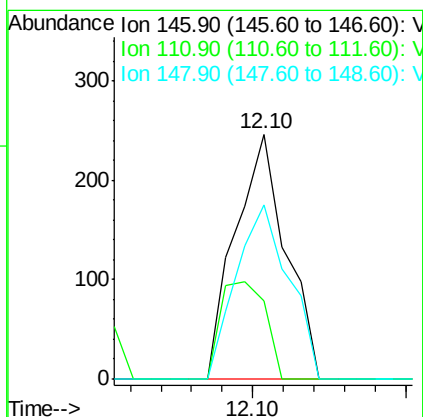
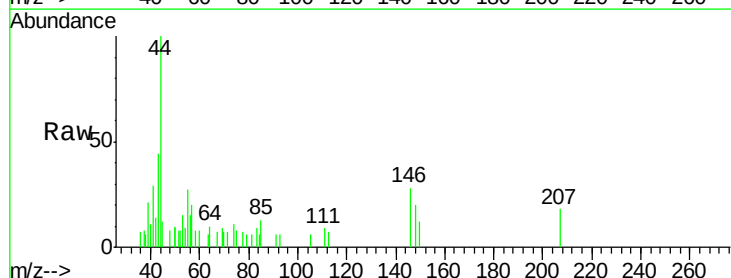
Instrument :
 MSVOA_X
 ClientSampleId :

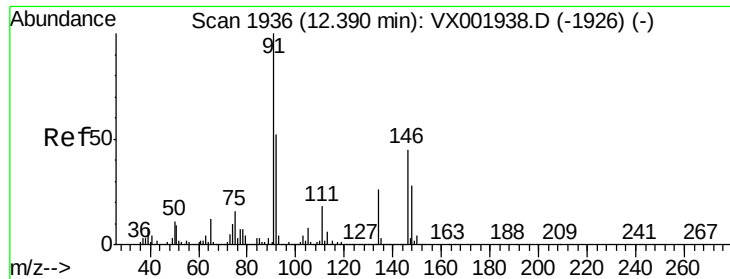
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	19.3	57.8
148	52.5	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 8.33 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002052.D
 Acq: 27 May 2018 06:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.8	18.9	56.5
148	74.1	32.3	96.8





#89

n-Butylbenzene

Concen: 32.00 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

ClientSampled :

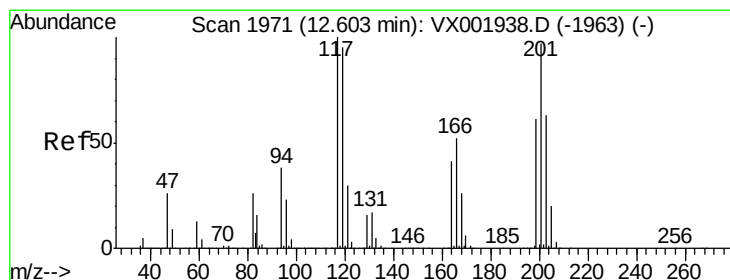
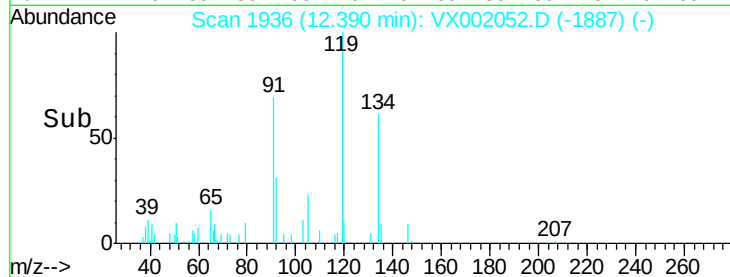
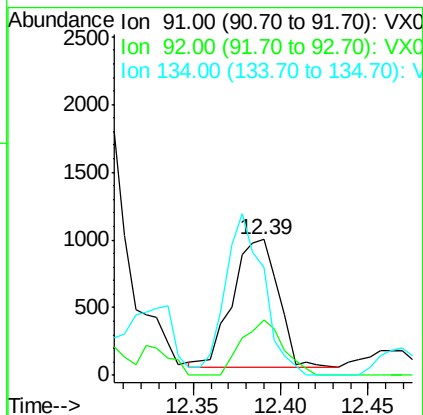
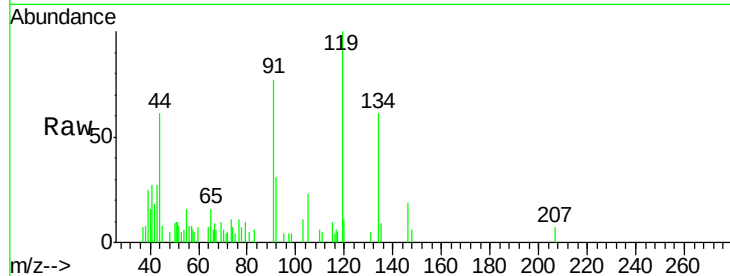
Tot Ion: 91 Resp: 1744

Ion Ratio Lower Upper

91 100

92 38.5 26.3 78.9

134 104.0 13.6 40.7#



#90

Hexachloroethane

Concen: 37.52 ug/l

RT: 12.59 min Scan# 1969

Delta R.T. -0.01 min

Lab File: VX002052.D

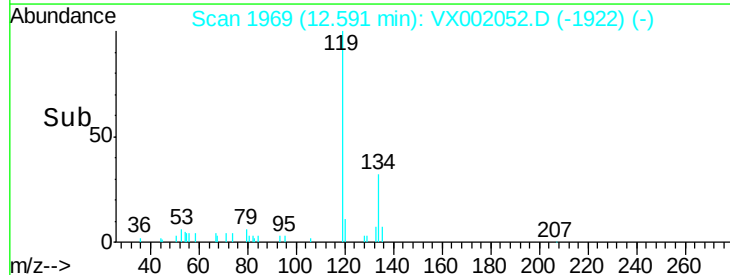
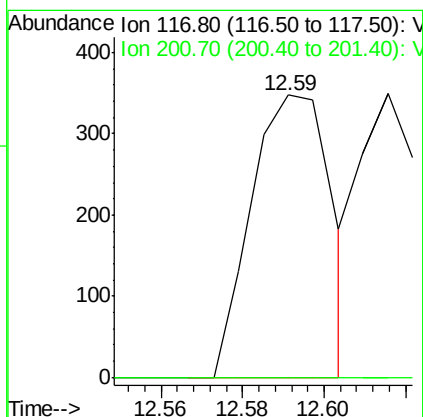
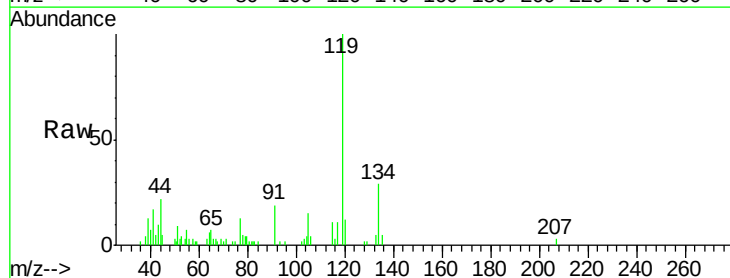
Acq: 27 May 2018 06:57

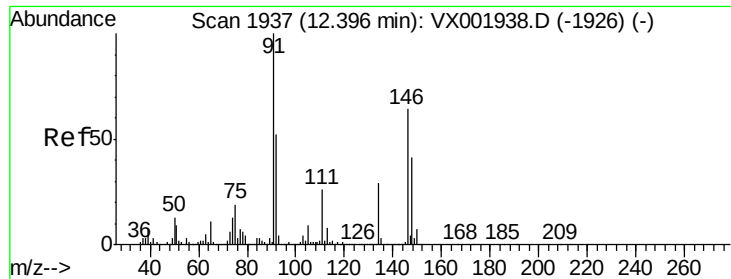
Tgt Ion: 117 Resp: 476

Ion Ratio Lower Upper

117 100

201 0.0 48.0 144.0#

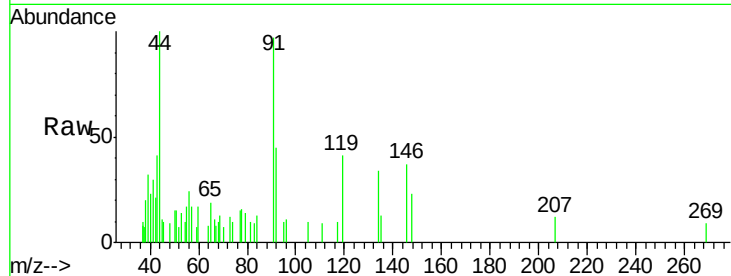




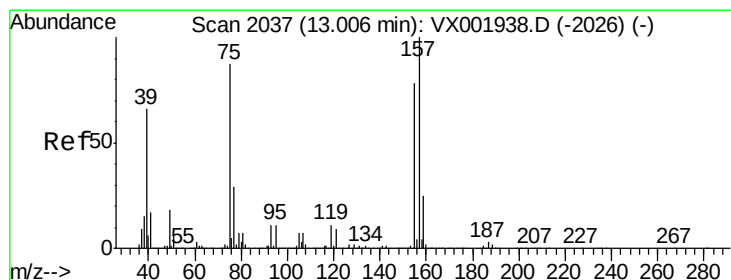
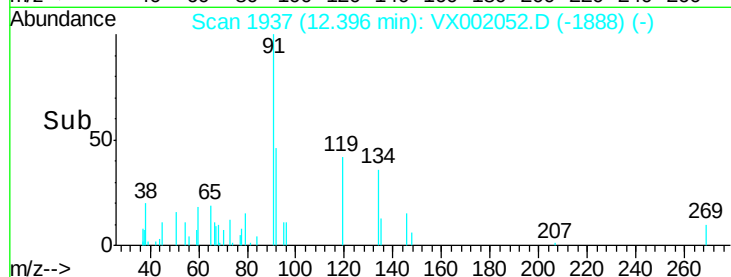
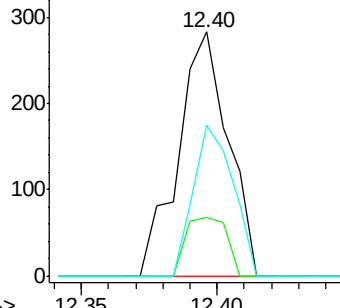
#91
 1,2-Dichlorobenzene
 Concen: 10.40 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002052.D
 Acq: 27 May 2018 06:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 359
 Ion Ratio Lower Upper
 146 100
 111 19.8 19.8 59.3
 148 49.3 32.1 96.5

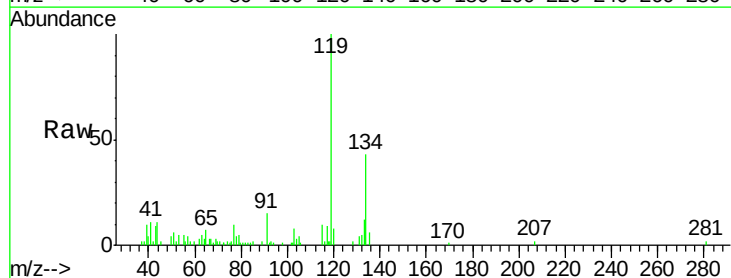


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

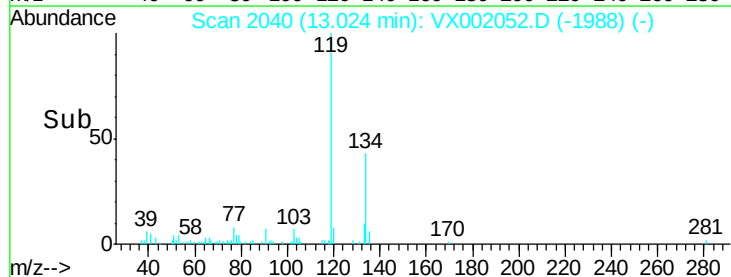
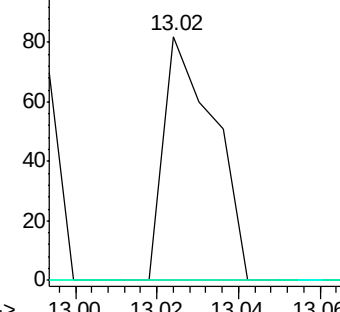


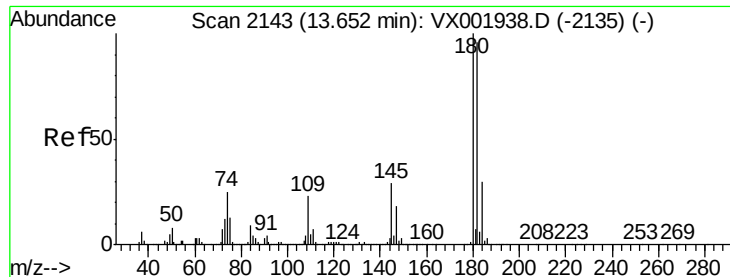
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 11.20 ug/l
 RT: 13.02 min Scan# 2040
 Delta R.T. 0.02 min
 Lab File: VX002052.D
 Acq: 27 May 2018 06:57

Tgt Ion: 75 Resp: 71
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.1 135.2#
 157 0.0 58.1 174.2#



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

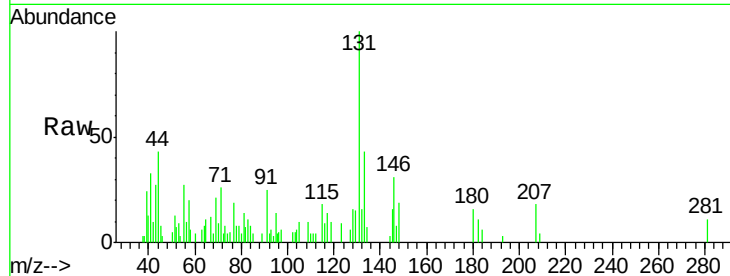




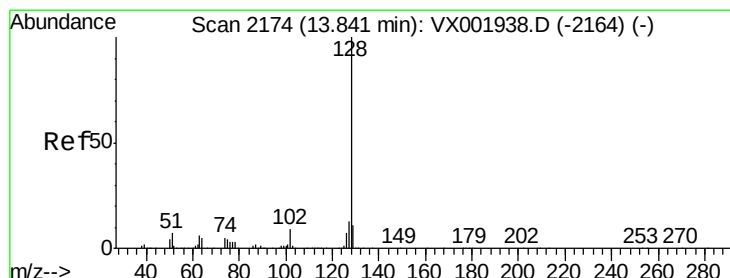
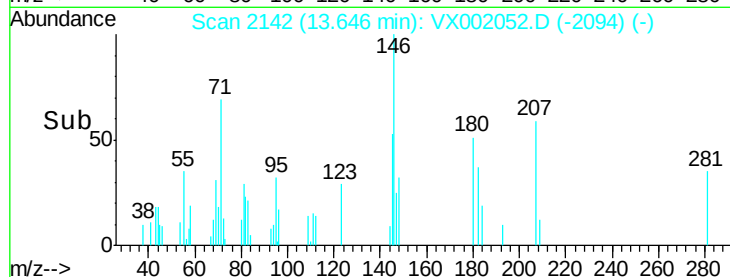
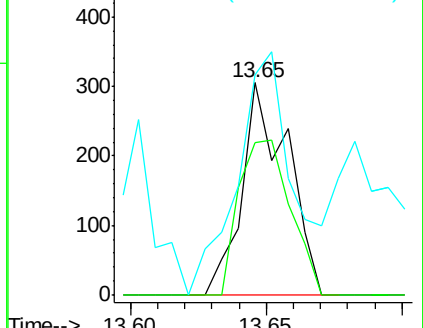
#93
 1,2,4-Trichlorobenzene
 Concen: 14.46 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX002052.D
 Acq: 27 May 2018 06:57

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	82.1	47.7	143.1
145	138.7	14.4	43.0

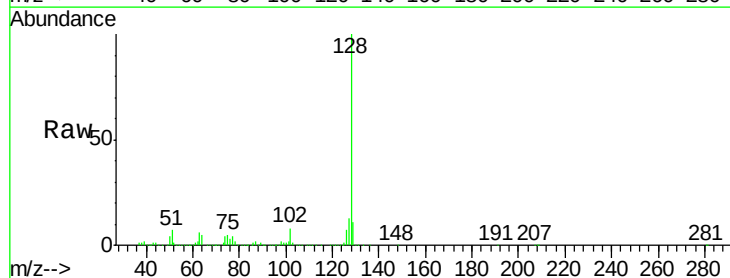


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

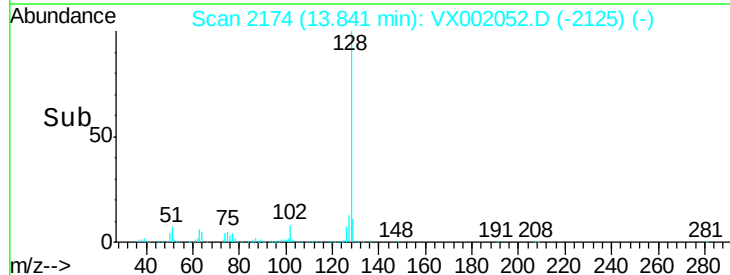
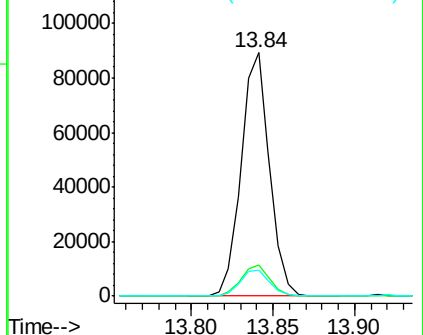


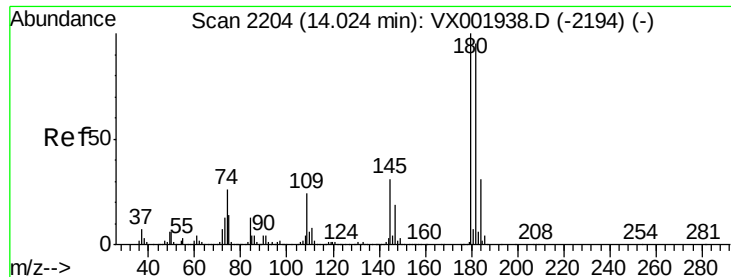
#95
 Naphthalene
 Concen: 1417.46 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX002052.D
 Acq: 27 May 2018 06:57

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.2	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: 6.70 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.01 min

Lab File: VX002052.D

Acq: 27 May 2018 06:57

Instrument :

MSVOA_X

ClientSampleId :

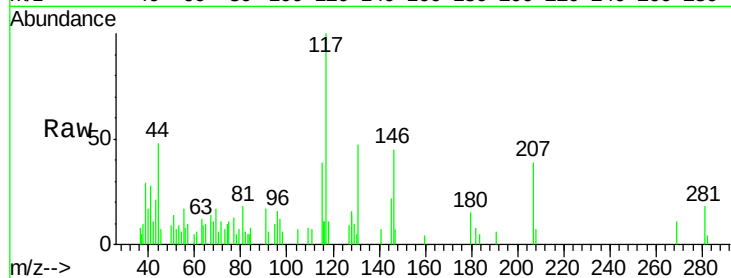
Tot Ion:180 Resp: 171

Ion Ratio Lower Upper

180 100

182 76.0 47.9 143.6

145 286.0 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

