

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX053018\
 Data File : VX002160.D
 Acq On : 31 May 2018 02:37
 Operator : JC/MD
 Sample : VX0530WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS03

Quant Time: May 31 06:36:57 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	186881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	299006	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178342	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	166680	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
35) Dibromofluoromethane	5.51	113	124795	41.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.48%	
50) Toluene-d8	8.72	98	449744	41.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.10%	
62) 4-Bromofluorobenzene	11.14	95	174754	41.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.52%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	33918	13.00	ug/l	99
3) Chloromethane	1.32	50	61205	21.29	ug/l	100
4) Vinyl Chloride	1.40	62	55476	19.98	ug/l	100
5) Bromomethane	1.64	94	35745	27.54	ug/l	99
6) Chloroethane	1.72	64	40855	24.96	ug/l	99
7) Trichlorofluoromethane	1.93	101	81996	19.67	ug/l	96
8) Diethyl Ether	2.19	74	42344	27.99	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	44004	18.91	ug/l	96
10) Methyl Iodide	2.51	142	54779	17.40	ug/l	96
11) Tert butyl alcohol	3.08	59	97061	148.02	ug/l	97
12) 1,1-Dichloroethene	2.37	96	46788	21.48	ug/l	96
13) Acrolein	2.30	56	25820	91.07	ug/l	100
14) Allyl chloride	2.73	41	110755	24.22	ug/l	98
15) Acrylonitrile	3.15	53	190237	141.08	ug/l	100
16) Acetone	2.45	43	181910	141.10	ug/l	100
17) Carbon Disulfide	2.57	76	111388	17.77	ug/l	99
18) Methyl Acetate	2.78	43	97608	31.00	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	222025	27.10	ug/l	100
20) Methylene Chloride	2.86	84	67352	29.49	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	54435	24.88	ug/l	91
22) Diisopropyl ether	3.88	45	210605	22.64	ug/l	100
23) Vinyl Acetate	3.83	43	906052	117.50	ug/l	98
24) 1,1-Dichloroethane	3.70	63	103461	23.42	ug/l	99
25) 2-Butanone	4.71	43	262549	111.11	ug/l	99
26) 2,2-Dichloropropane	4.59	77	60256	13.47	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	61634	21.70	ug/l	94
28) Bromochloromethane	5.02	49	54068	28.24	ug/l	99
29) Tetrahydrofuran	5.17	42	172453	112.18	ug/l	100
30) Chloroform	5.22	83	108126	21.72	ug/l	100
31) Cyclohexane	5.58	56	73939	16.06	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	86163	18.57	ug/l	99
36) 1,1-Dichloropropene	5.80	75	67163	16.15	ug/l	99
37) Ethyl Acetate	4.87	43	102280	18.86	ug/l	100
38) Carbon Tetrachloride	5.79	117	68803	14.19	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68679	13.44	ug/l	100
40) Benzene	6.15	78	231534	19.00	ug/l	99
41) Methacrylonitrile	5.07	41	58808	19.73	ug/l	98
42) 1,2-Dichloroethane	6.20	62	96108	19.75	ug/l	100
43) Isopropyl Acetate	6.47	43	170444	18.87	ug/l	99
44) Trichloroethene	7.22	130	62766	17.68	ug/l	98
45) 1,2-Dichloropropane	7.52	63	65563	19.81	ug/l	99
46) Dibromomethane	7.66	93	43651	19.92	ug/l	98
47) Bromodichloromethane	7.90	83	77884	16.67	ug/l	100
48) Methyl methacrylate	7.78	41	87066	18.93	ug/l	98
49) 1,4-Dioxane	7.76	88	33806	417.21	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	559158	102.67	ug/l	98
52) Toluene	8.79	92	146384	18.88	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	90638	16.85	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	84526	16.12	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	63922	19.73	ug/l	99
56) Ethyl methacrylate	9.18	69	103759	18.62	ug/l	99
57) 1,3-Dichloropropane	9.38	76	106715	20.00	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	234554	94.98	ug/l	100
59) 2-Hexanone	9.50	43	425417	101.31	ug/l	99
60) Dibromochloromethane	9.59	129	62034	16.17	ug/l	100
61) 1,2-Dibromoethane	9.68	107	67435	19.84	ug/l	98
64) Tetrachloroethene	9.34	164	71611	17.73	ug/l	99
65) Chlorobenzene	10.14	112	168716	18.90	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	62886	17.45	ug/l	99
67) Ethyl Benzene	10.26	91	279564	18.03	ug/l	99
68) m/p-Xylenes	10.36	106	213929	36.08	ug/l	100
69) o-Xylene	10.70	106	110923	18.74	ug/l	99
70) Styrene	10.71	104	180523	18.39	ug/l	100
71) Bromoform	10.86	173	46520	13.61	ug/l #	100
73) Isopropylbenzene	11.02	105	275420	18.24	ug/l	99
74) N-amyl acetate	6.47	43	170444	19.85	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	92137	21.59	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	109161	25.48	ug/l	81
77) Bromobenzene	11.26	156	80472	20.08	ug/l	97
78) n-propylbenzene	11.37	91	302324	17.87	ug/l	99
79) 2-Chlorotoluene	11.43	91	197580	19.91	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	234806	18.19	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22820	12.80	ug/l #	84
82) 4-Chlorotoluene	11.51	91	224532	18.82	ug/l	100
83) tert-Butylbenzene	11.77	119	221921	17.52	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	249774	18.73	ug/l	99
85) sec-Butylbenzene	11.95	105	260184	17.09	ug/l	100
86) p-Isopropyltoluene	12.07	119	236631	17.37	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	135479	18.88	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	137610	19.18	ug/l	99
89) n-Butylbenzene	12.39	91	185549	16.07	ug/l	99
90) Hexachloroethane	12.60	117	35764	13.31	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	143983	19.69	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21065	15.69	ug/l	97

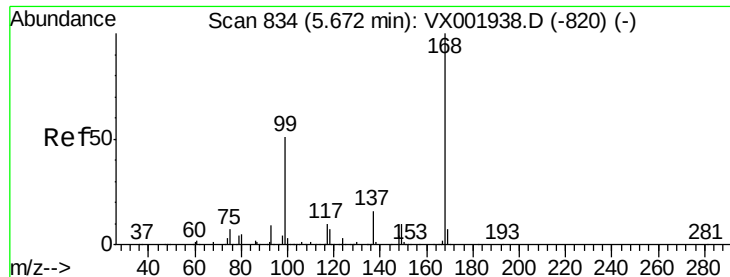
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	95232	18.22	ug/l	99
94) Hexachlorobutadiene	13.79	225	42527	15.12	ug/l	98
95) Naphthalene	13.84	128	316250	19.63	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	102168	18.89	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

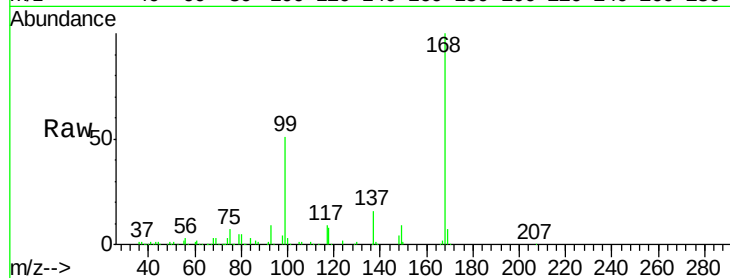
VX0530WBS03

Tgt Ion:168 Resp: 186881

Ion Ratio Lower Upper

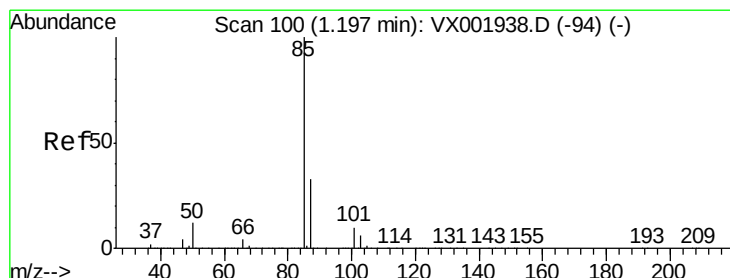
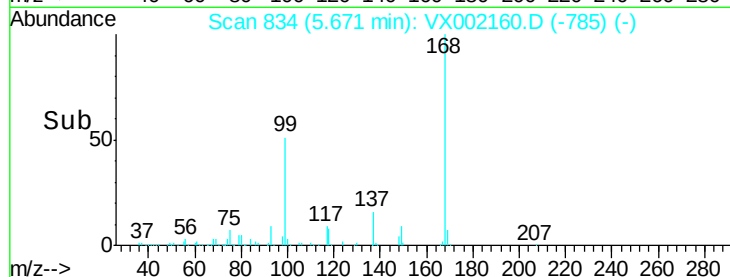
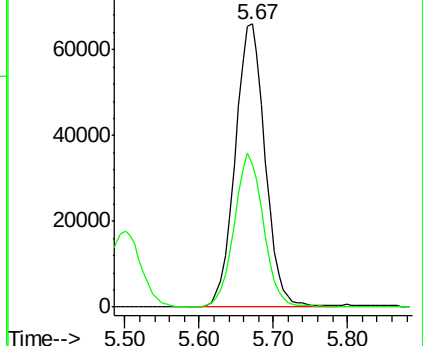
168 100

99 50.5 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: 13.00 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002160.D

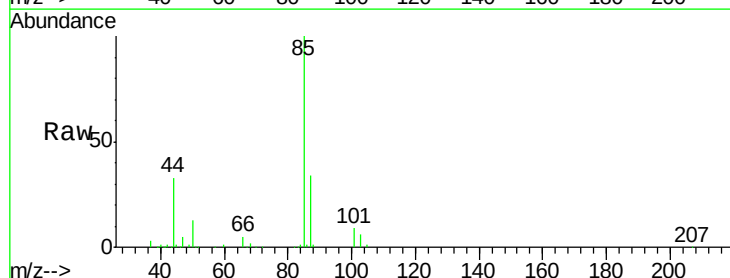
Acq: 31 May 2018 02:37

Tgt Ion: 85 Resp: 33918

Ion Ratio Lower Upper

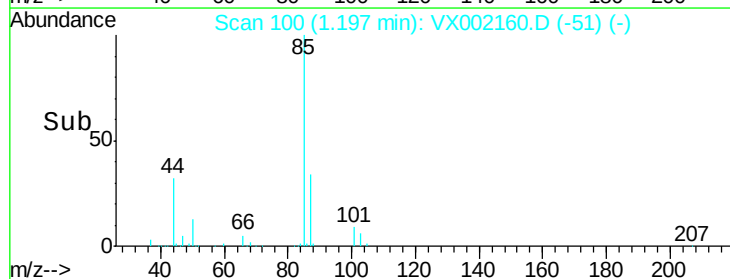
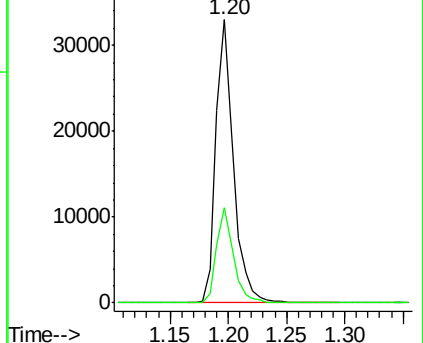
85 100

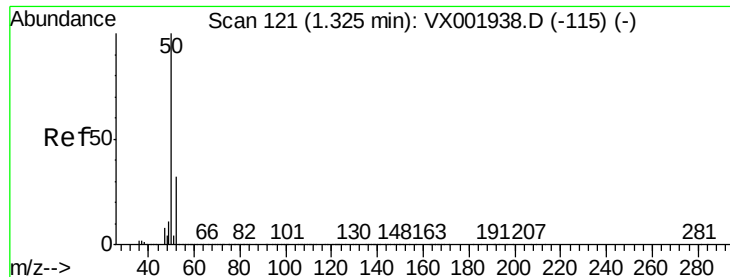
87 33.6 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.29 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

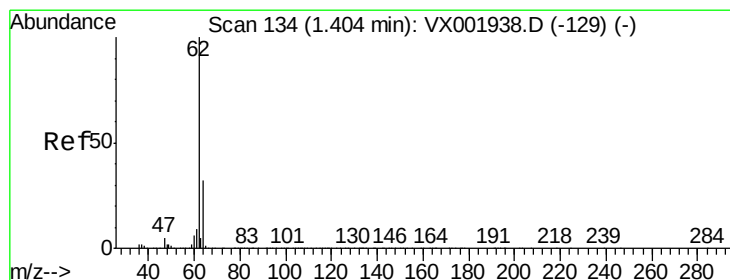
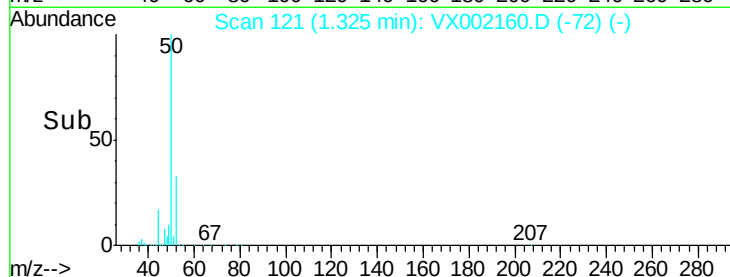
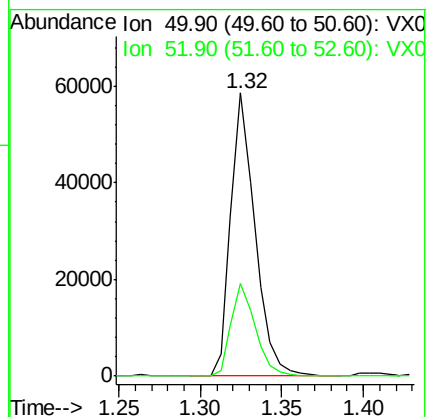
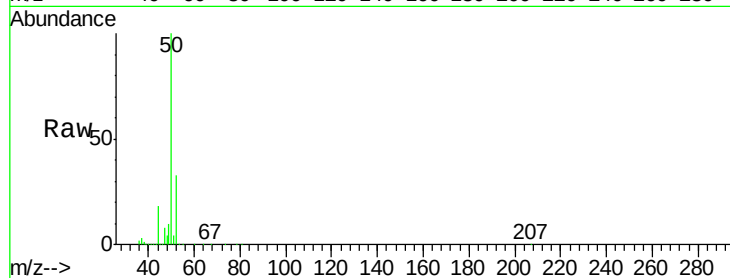
VX0530WBS03

Tgt Ion: 50 Resp: 61205

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



#4

Vinyl Chloride

Concen: 19.98 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002160.D

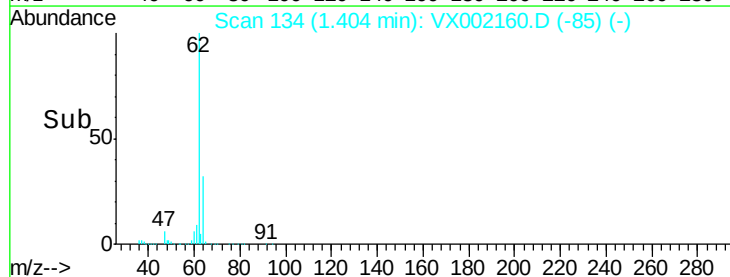
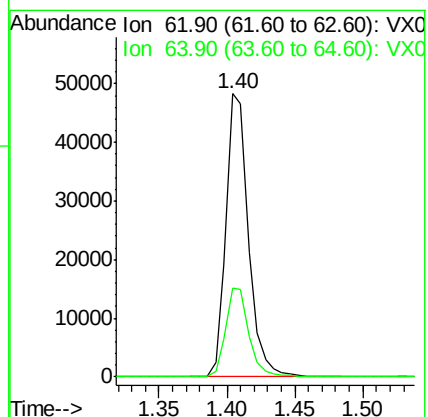
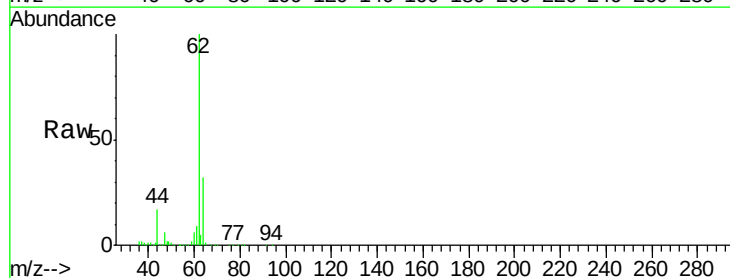
Acq: 31 May 2018 02:37

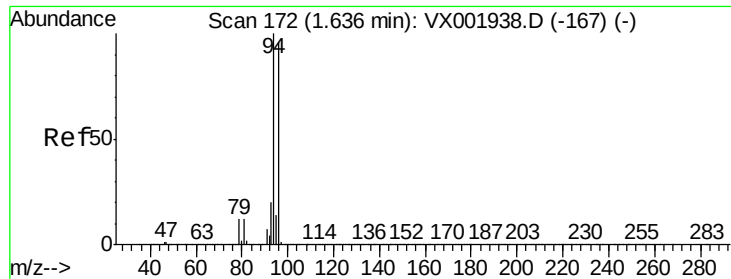
Tgt Ion: 62 Resp: 55476

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 27.54 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

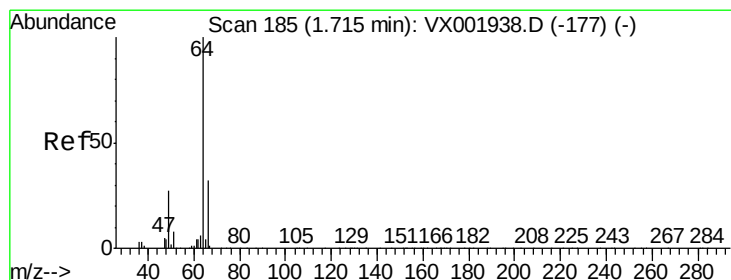
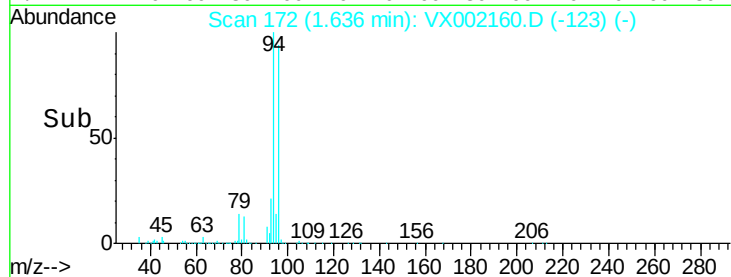
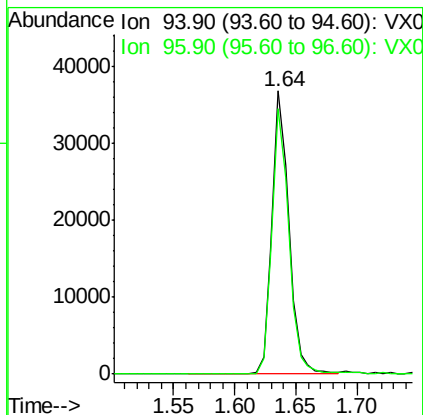
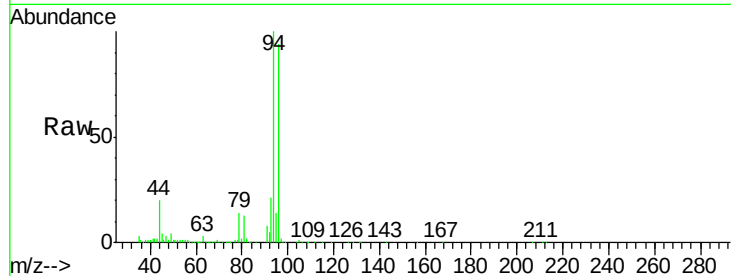
VX0530WBS03

Tgt Ion: 94 Resp: 35745

Ion Ratio Lower Upper

94 100

96 93.6 75.9 113.9



#6

Chloroethane

Concen: 24.96 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002160.D

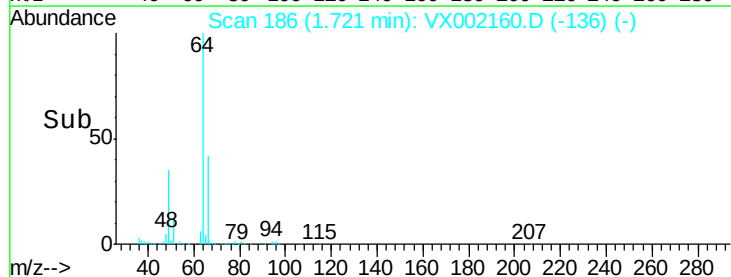
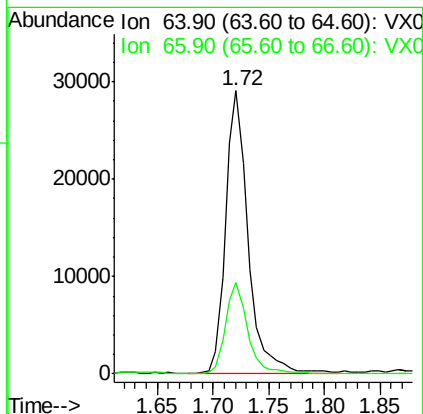
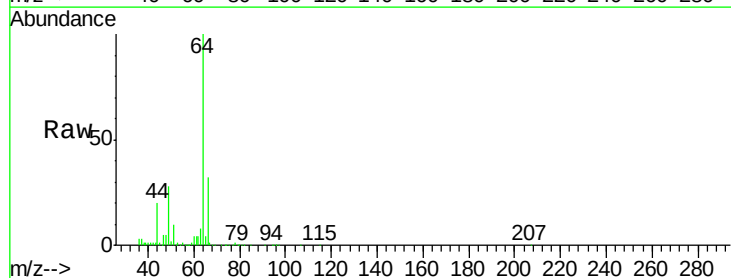
Acq: 31 May 2018 02:37

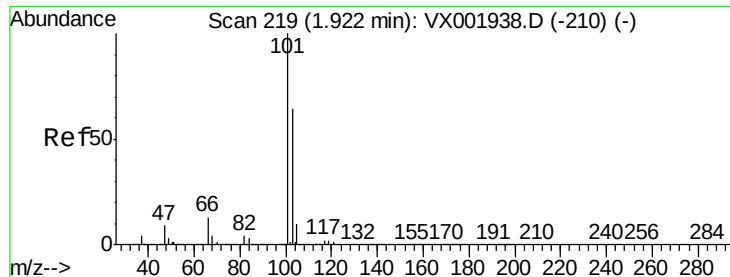
Tgt Ion: 64 Resp: 40855

Ion Ratio Lower Upper

64 100

66 32.3 25.6 38.4



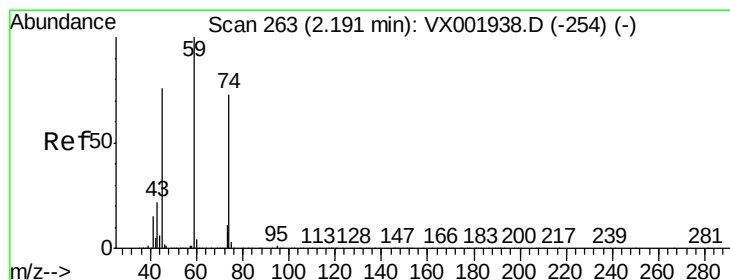
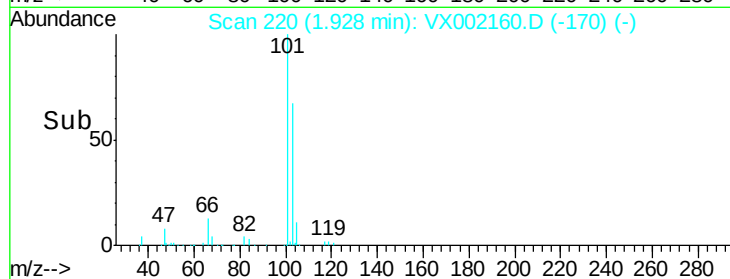
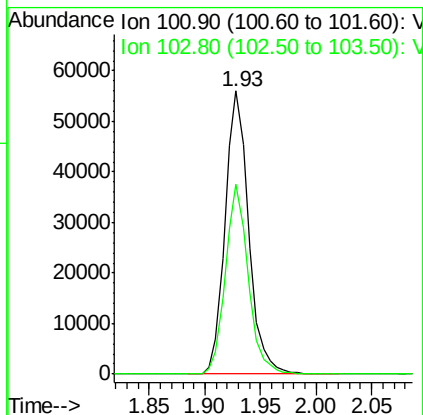
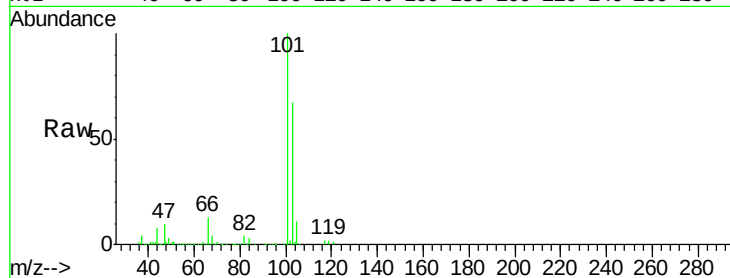


#7

Trichlorofluoromethane
Concen: 19.67 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002160.D
Acq: 31 May 2018 02:37

Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS03

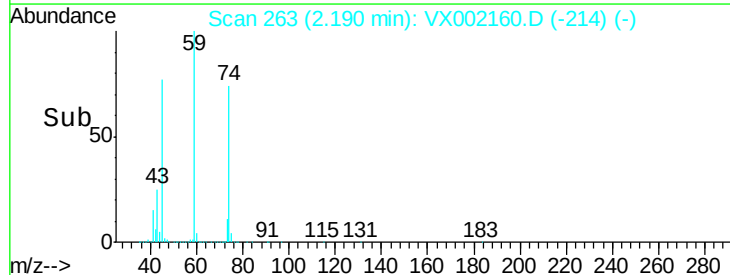
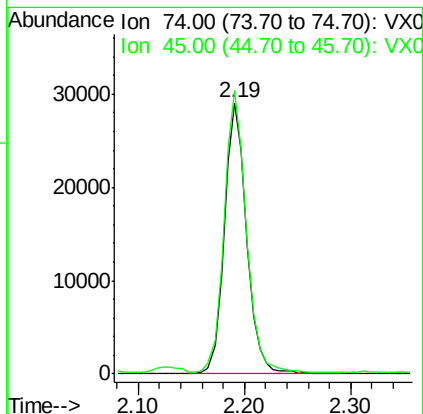
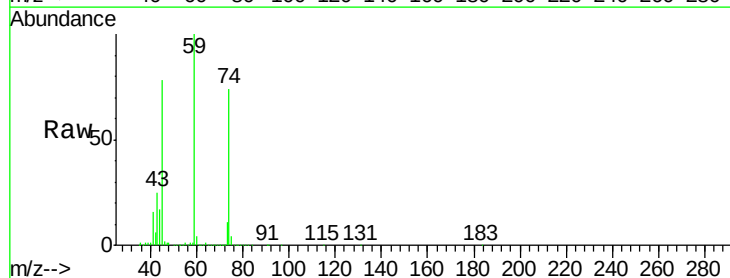
Tgt Ion:101 Resp: 81996
Ion Ratio Lower Upper
101 100
103 67.2 51.4 77.0

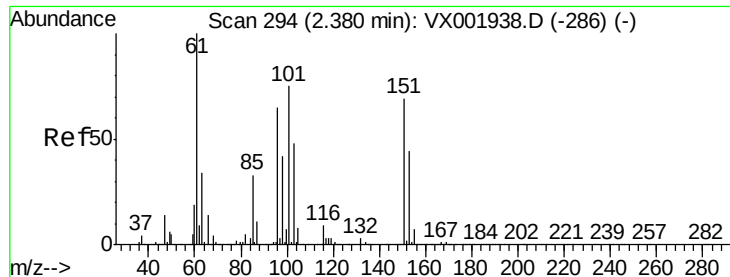


#8

Diethyl Ether
Concen: 27.99 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002160.D
Acq: 31 May 2018 02:37

Tgt Ion: 74 Resp: 42344
Ion Ratio Lower Upper
74 100
45 103.0 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.91 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS03

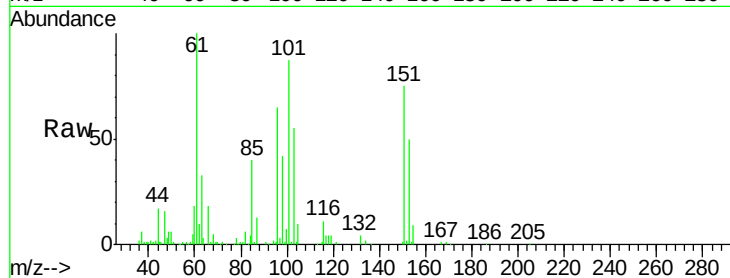
Tgt Ion:101 Resp: 44004

Ion Ratio Lower Upper

101 100

85 45.6 35.6 53.4

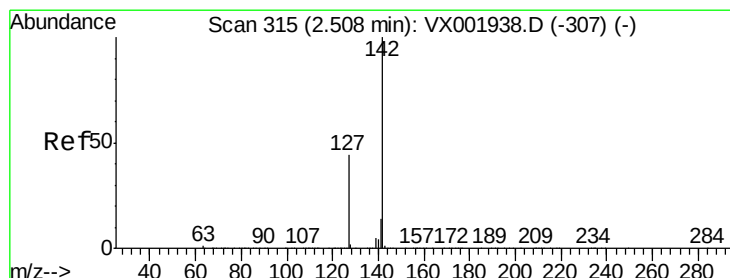
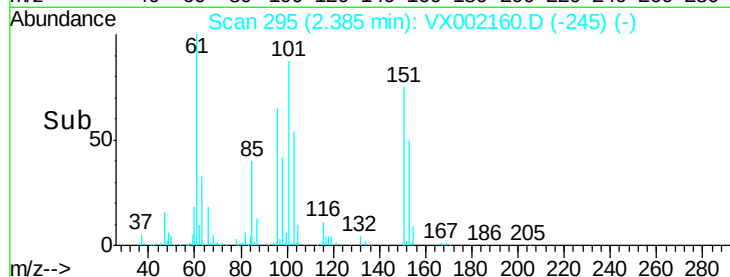
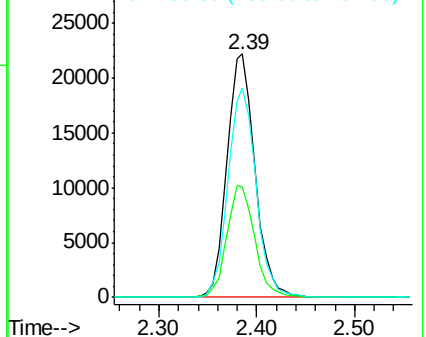
151 85.9 73.2 109.8



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: 17.40 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

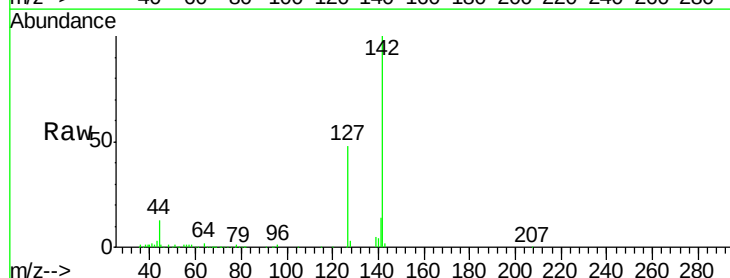
Tgt Ion:142 Resp: 54779

Ion Ratio Lower Upper

142 100

127 47.1 35.5 53.3

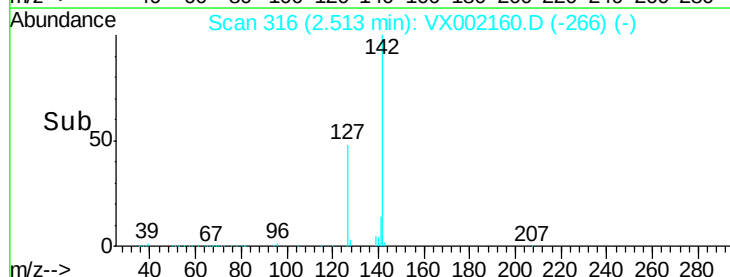
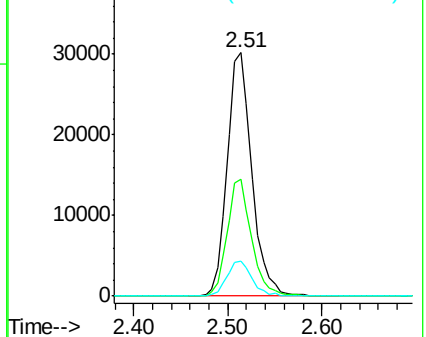
141 14.9 11.3 16.9

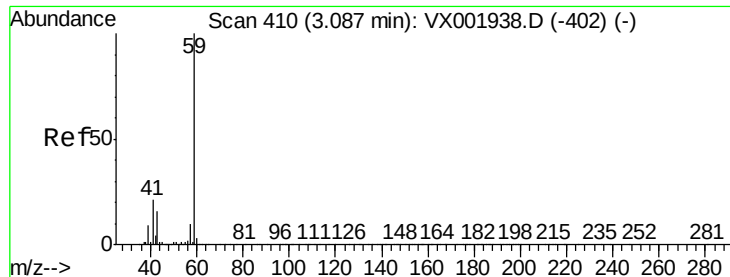


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



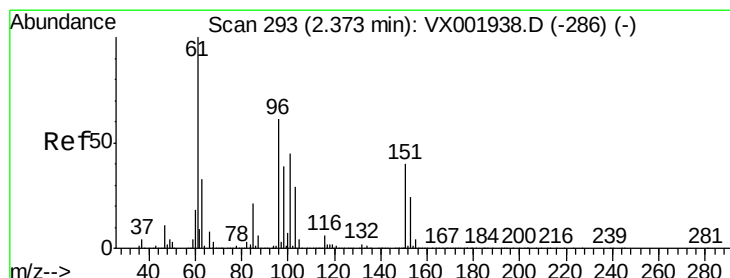
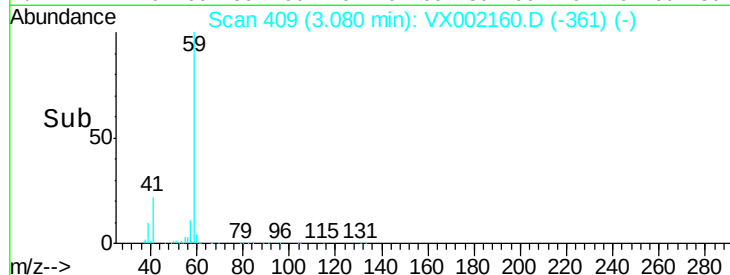
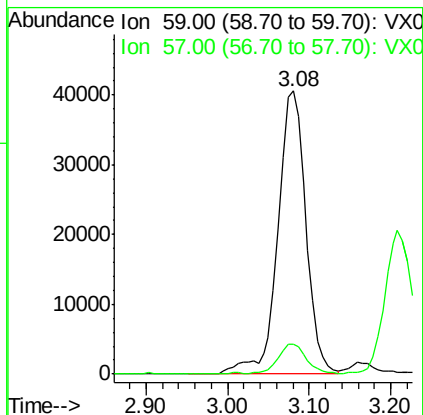
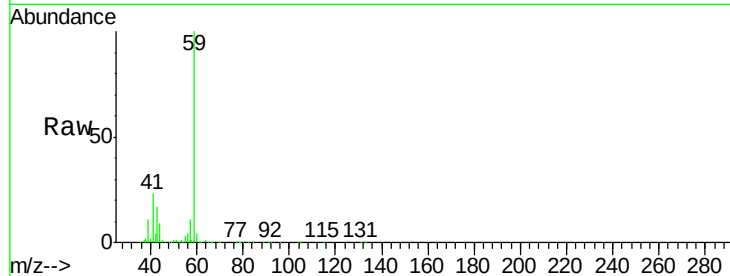


#11

Tert butyl alcohol
 Concen: 148.02 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS03

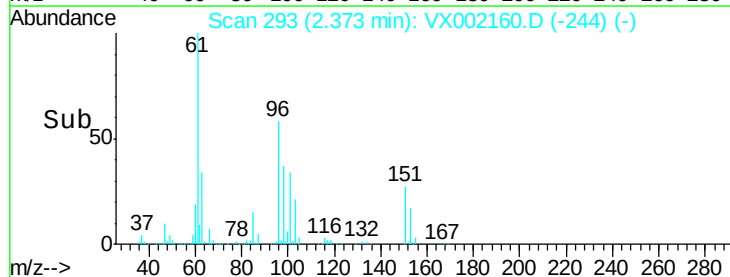
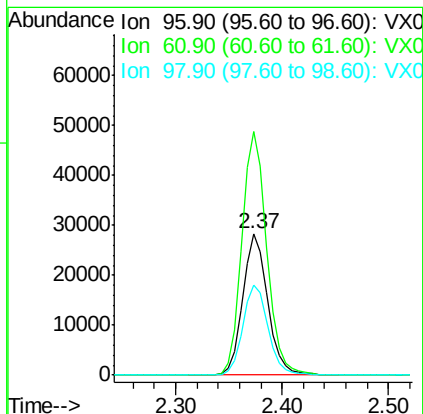
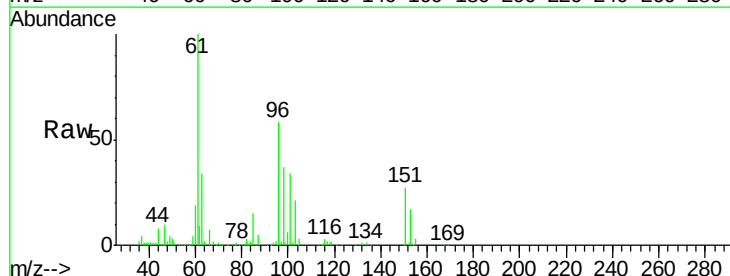
Tgt Ion: 59 Resp: 97061
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.9 13.3

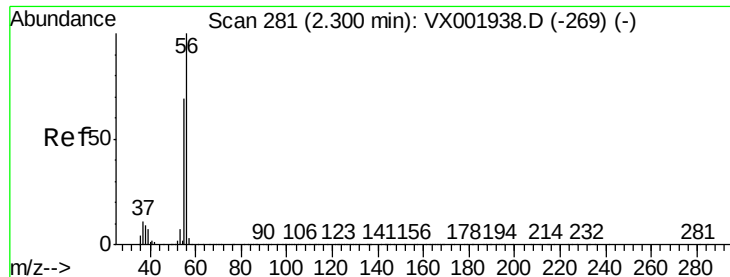


#12

1,1-Dichloroethene
 Concen: 21.48 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

Tgt Ion: 96 Resp: 46788
 Ion Ratio Lower Upper
 96 100
 61 171.8 131.7 197.5
 98 63.5 51.6 77.4





#13

Acrolein

Concen: 91.07 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

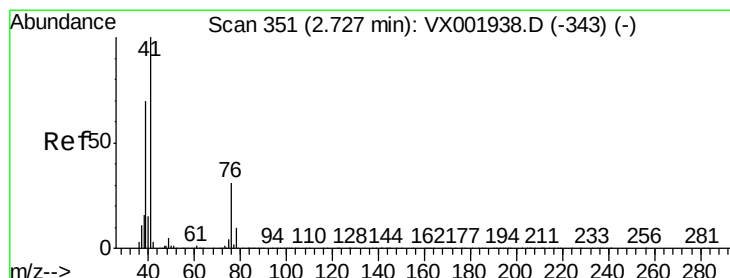
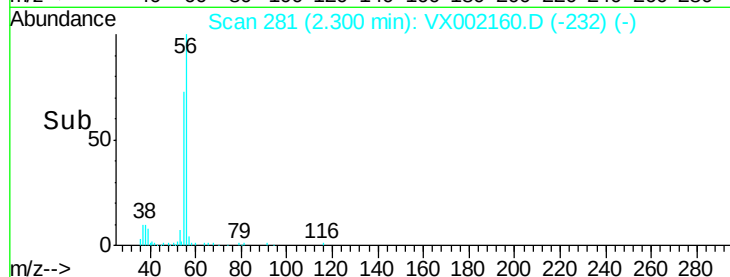
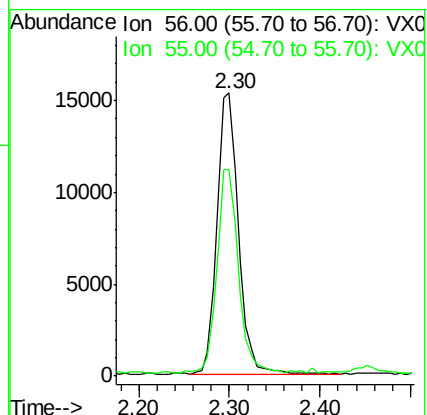
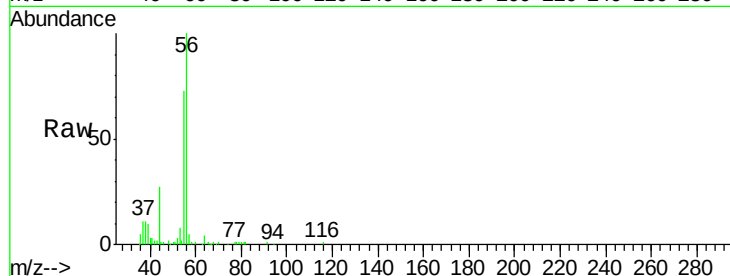
VX0530WBS03

Tgt Ion: 56 Resp: 25820

Ion Ratio Lower Upper

56 100

55 71.1 56.8 85.2



#14

Allyl chloride

Concen: 24.22 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

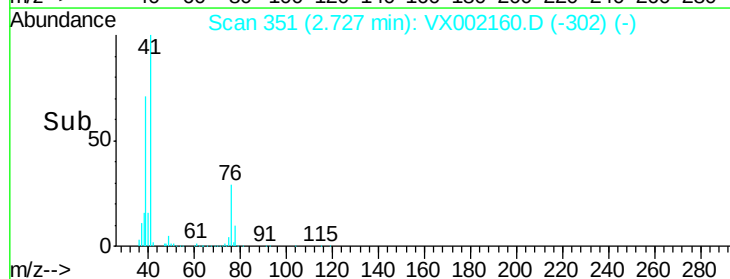
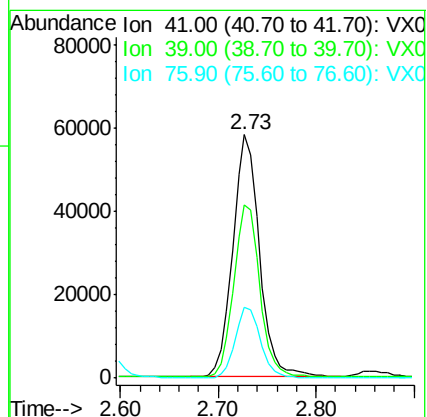
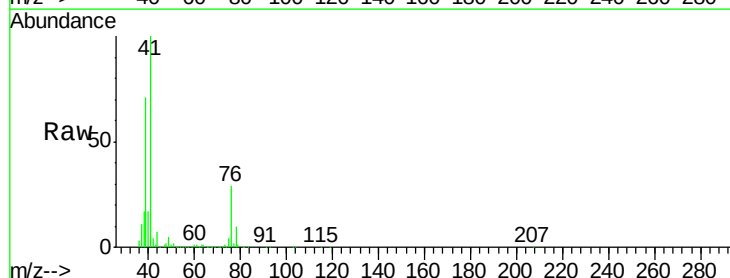
Tgt Ion: 41 Resp: 110755

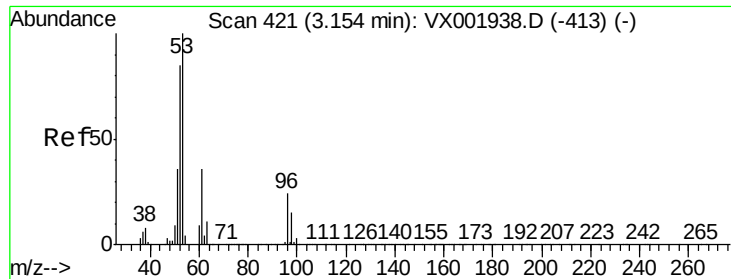
Ion Ratio Lower Upper

41 100

39 68.9 54.3 81.5

76 28.2 24.2 36.4





#15

Acrylonitrile

Concen: 141.08 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS03

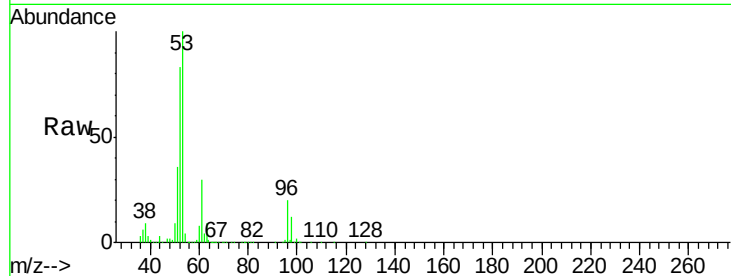
Tgt Ion: 53 Resp: 190237

Ion Ratio Lower Upper

53 100

52 83.0 66.4 99.6

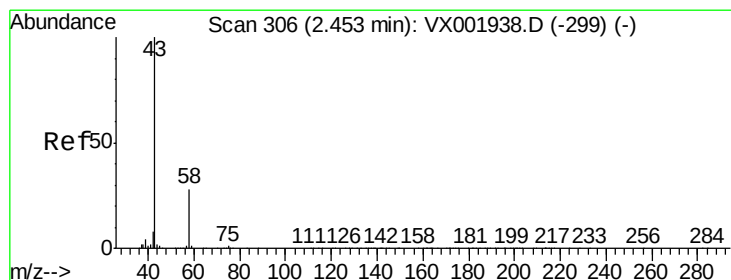
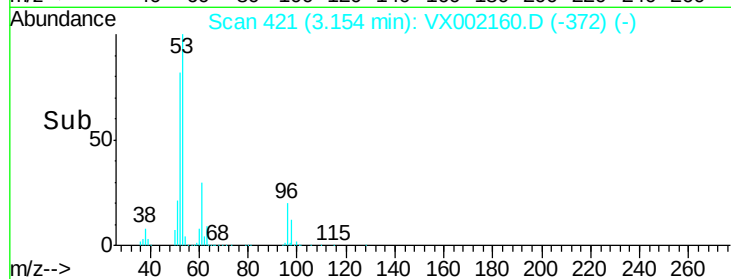
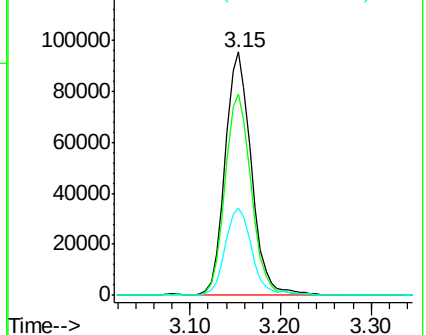
51 36.5 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 141.10 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002160.D

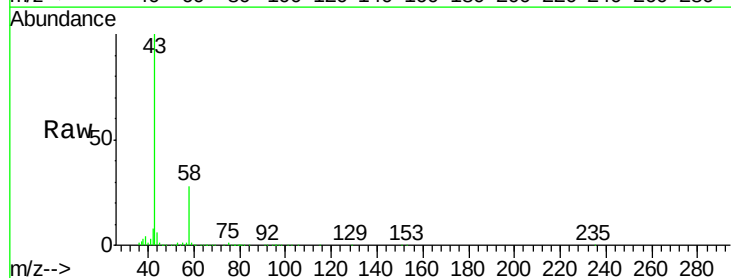
Acq: 31 May 2018 02:37

Tgt Ion: 43 Resp: 181910

Ion Ratio Lower Upper

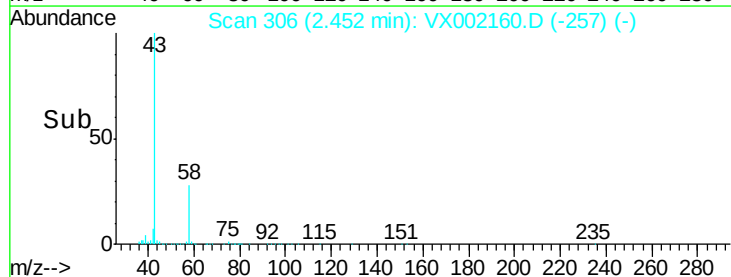
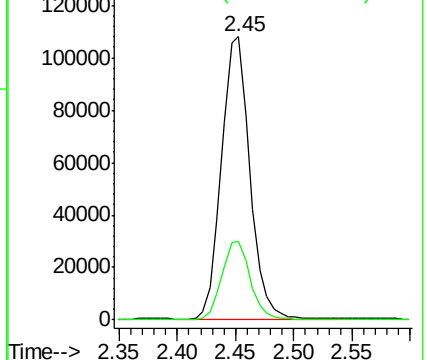
43 100

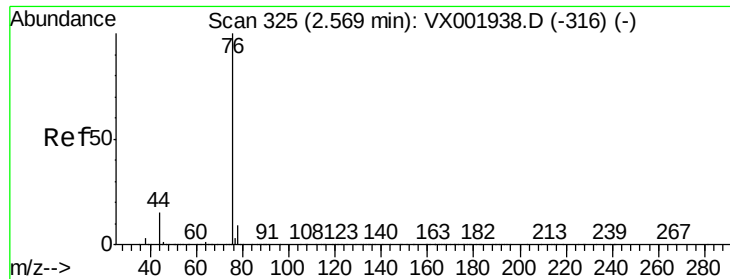
58 28.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

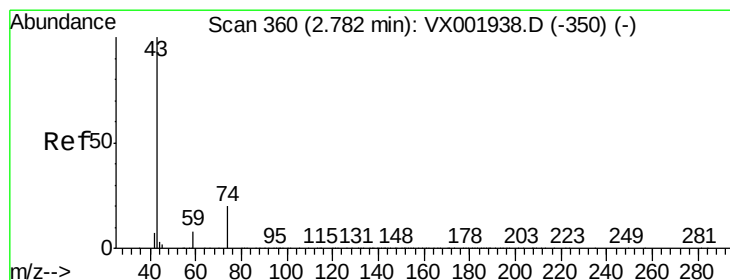
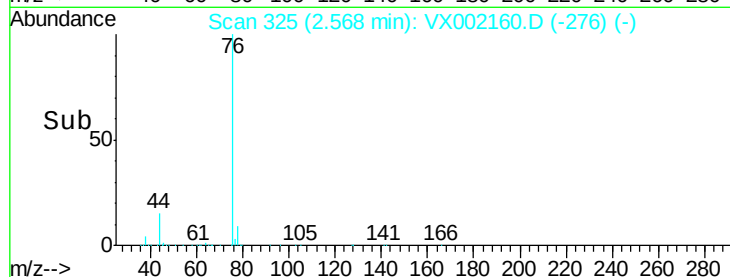
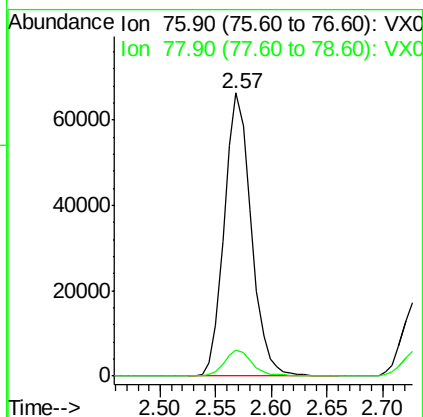
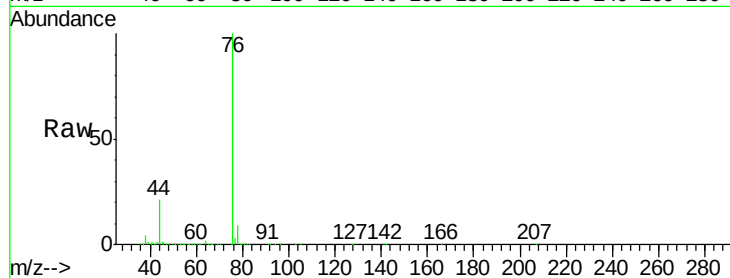




#17
Carbon Disulfide
Concen: 17.77 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002160.D
Acq: 31 May 2018 02:37

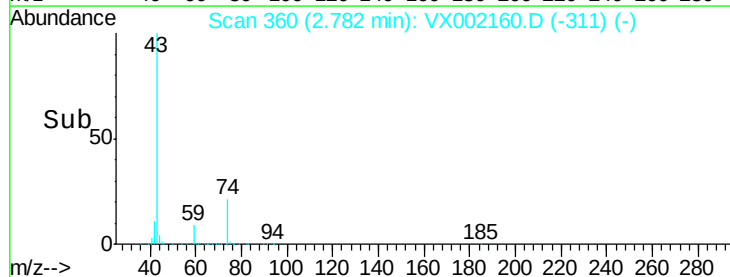
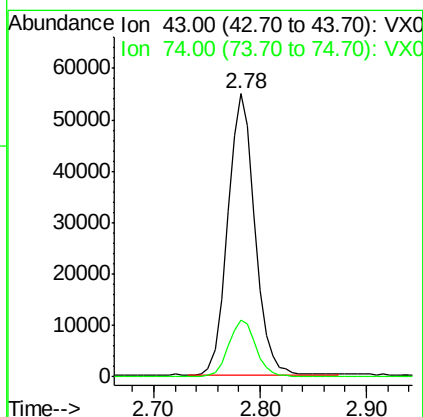
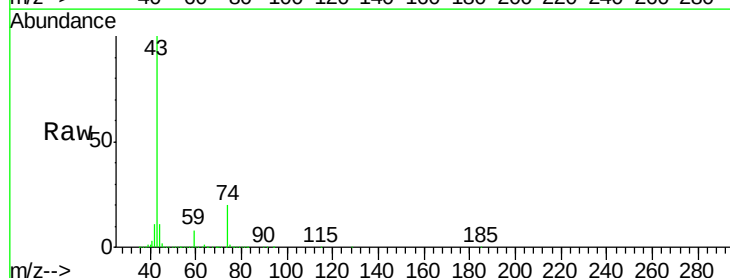
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS03

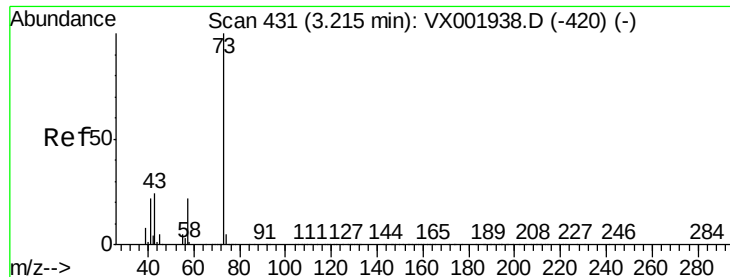
Tgt Ion: 76 Resp: 111388
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 31.00 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002160.D
Acq: 31 May 2018 02:37

Tgt Ion: 43 Resp: 97608
Ion Ratio Lower Upper
43 100
74 20.3 16.8 25.2





#19

Methyl tert-butyl Ether

Concen: 27.10 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

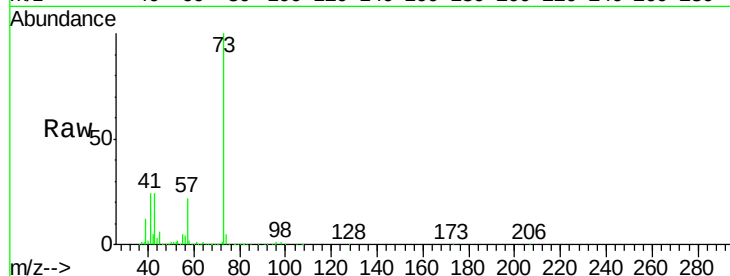
VX0530WBS03

Tgt Ion: 73 Resp: 222025

Ion Ratio Lower Upper

73 100

57 21.7 17.4 26.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

100000

80000

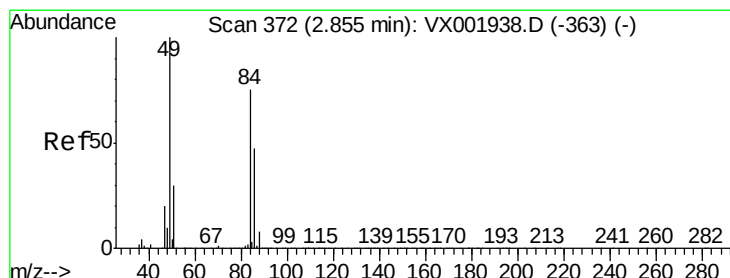
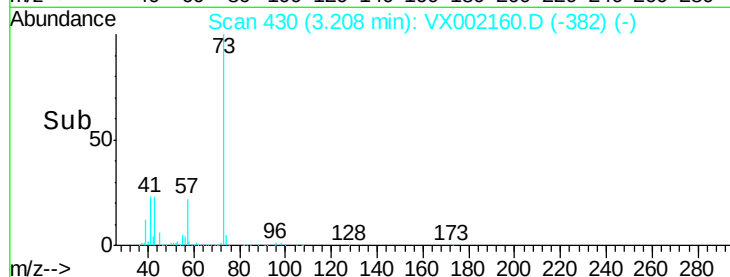
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 29.49 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Tgt Ion: 84 Resp: 67352

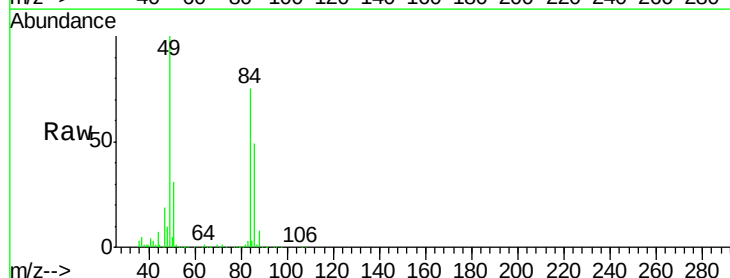
Ion Ratio Lower Upper

84 100

49 133.3 107.2 160.8

51 41.4 32.4 48.6

86 64.9 50.4 75.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2.86

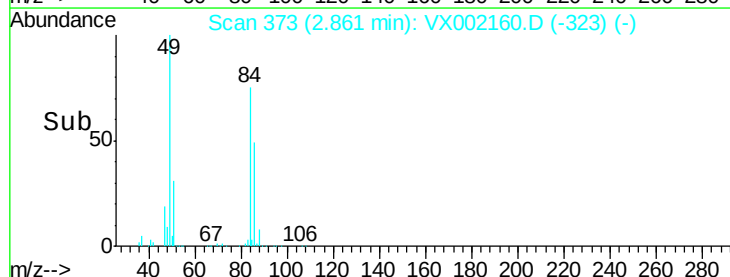
60000

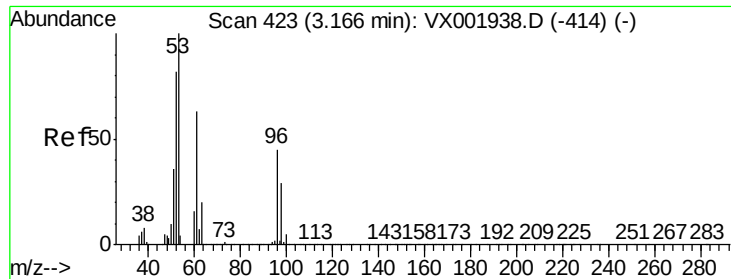
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 24.88 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampled :

VX0530WBS03

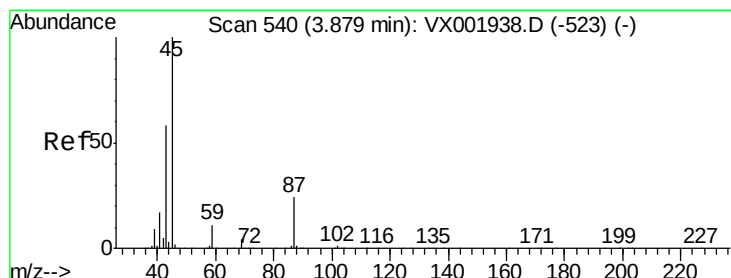
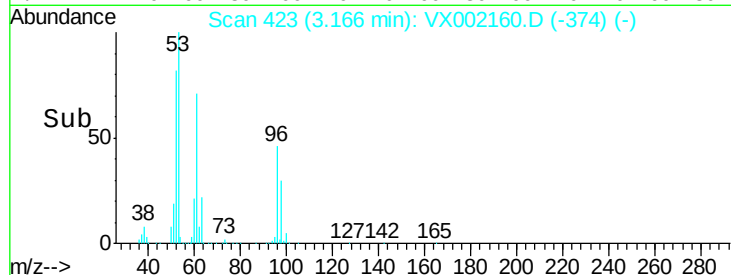
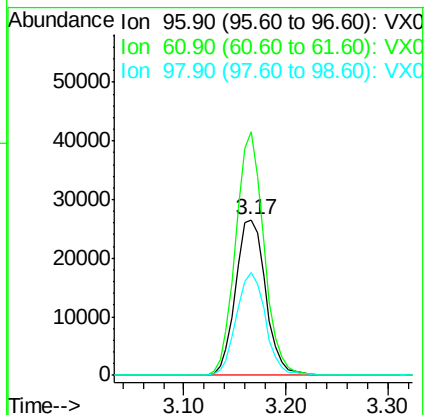
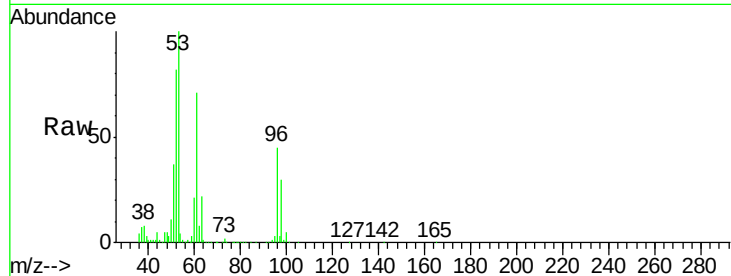
Tgt Ion: 96 Resp: 54435

Ion Ratio Lower Upper

96 100

61 156.0 113.3 169.9

98 66.3 51.7 77.5



#22

Diisopropyl ether

Concen: 22.64 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Tgt Ion: 45 Resp: 210605

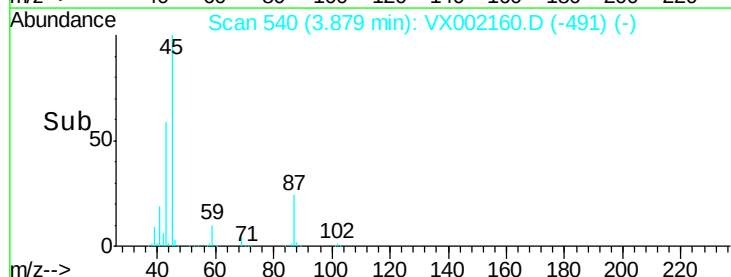
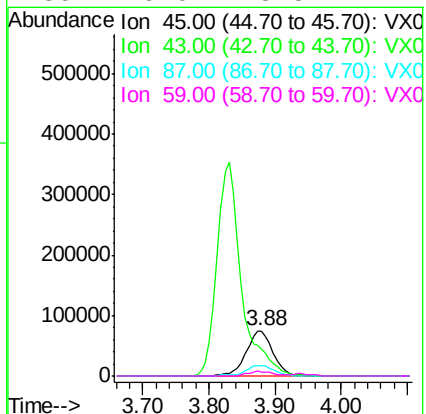
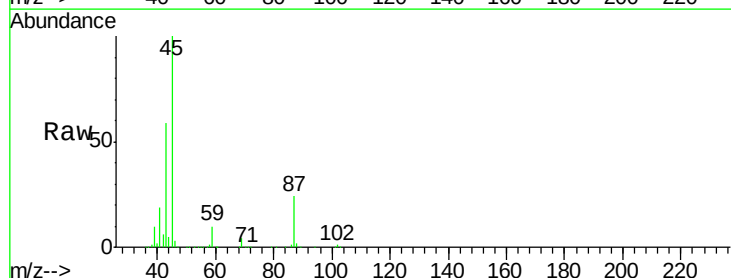
Ion Ratio Lower Upper

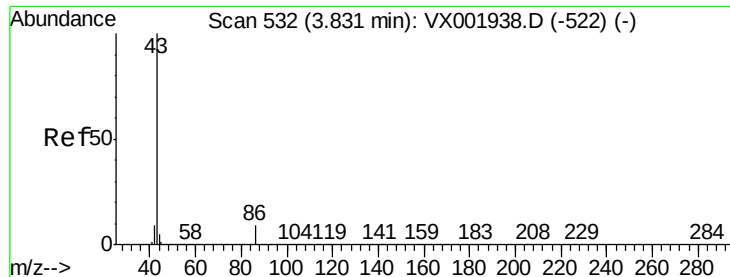
45 100

43 59.0 47.0 70.6

87 23.9 19.4 29.0

59 10.0 8.5 12.7





#23

Vinyl Acetate

Concen: 117.50 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

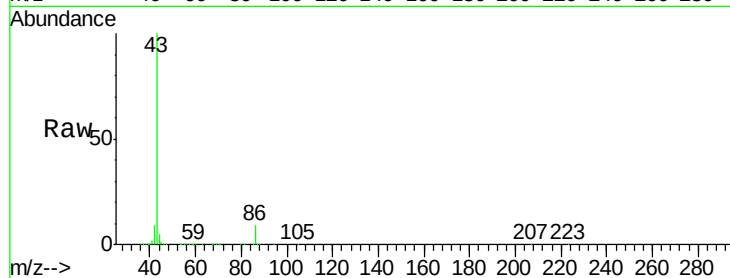
VX0530WBS03

Tgt Ion: 43 Resp: 906052

Ion Ratio Lower Upper

43 100

86 8.7 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

400000

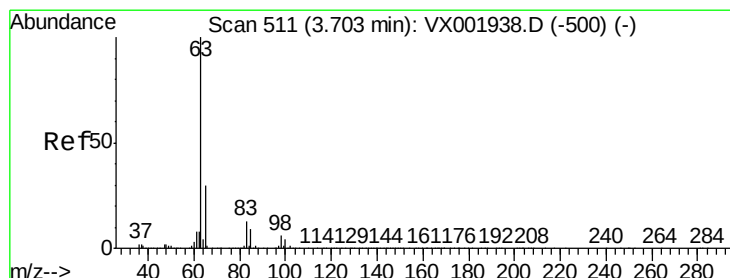
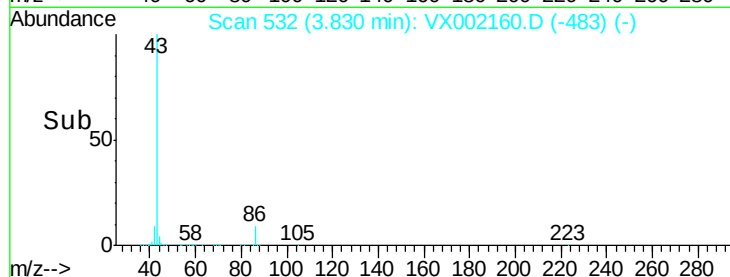
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 23.42 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

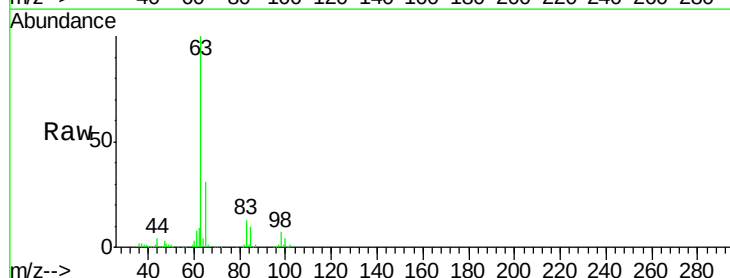
Tgt Ion: 63 Resp: 103461

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.0 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

60000

50000

40000

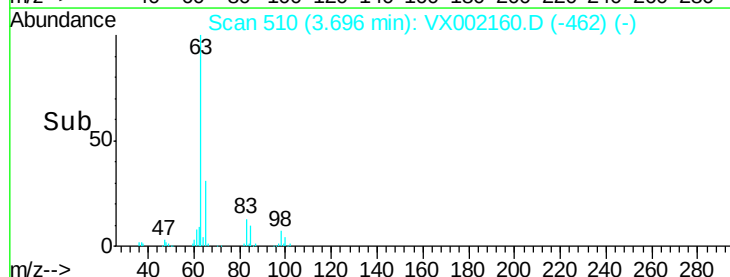
30000

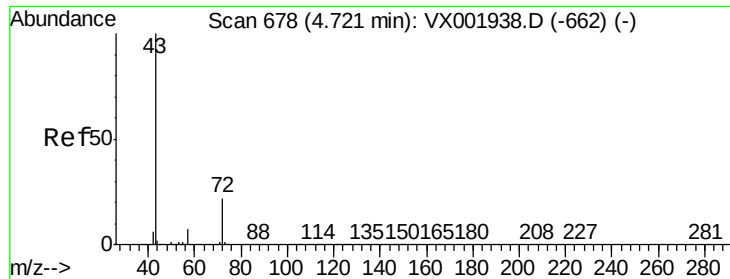
20000

10000

0

Time-->





#25

2-Butanone

Concen: 111.11 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

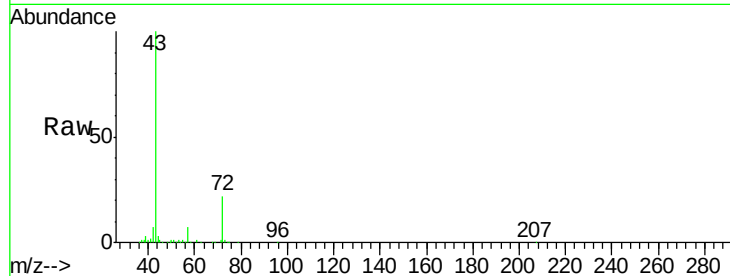
VX0530WBS03

Tgt Ion: 43 Resp: 262549

Ion Ratio Lower Upper

43 100

72 21.9 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

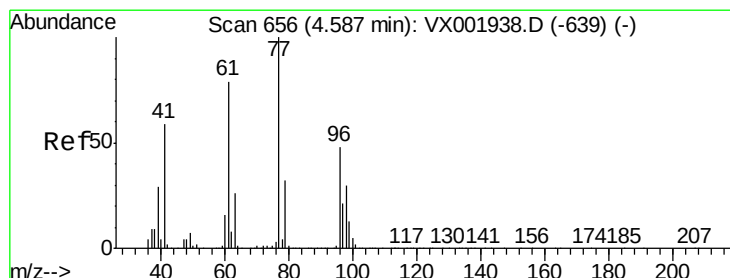
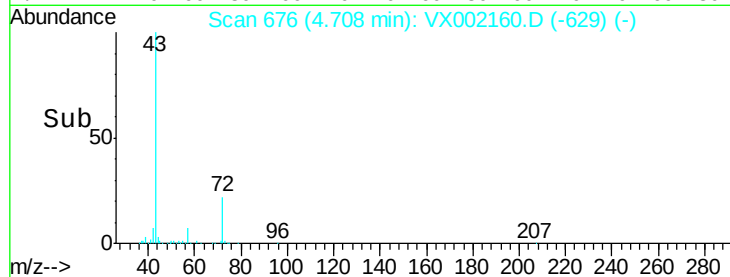
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 13.47 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002160.D

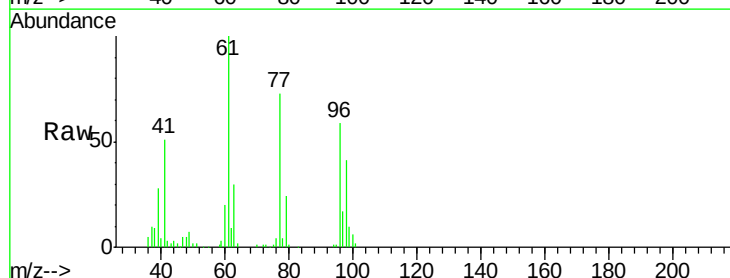
Acq: 31 May 2018 02:37

Tgt Ion: 77 Resp: 60256

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

20000

15000

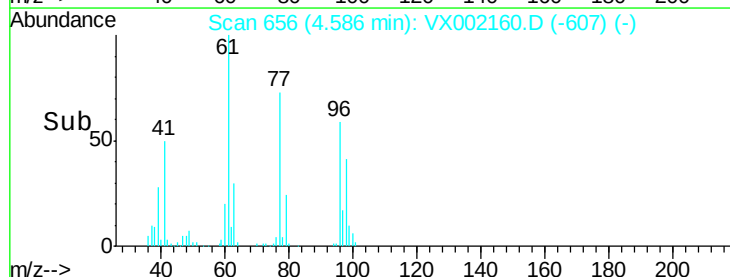
10000

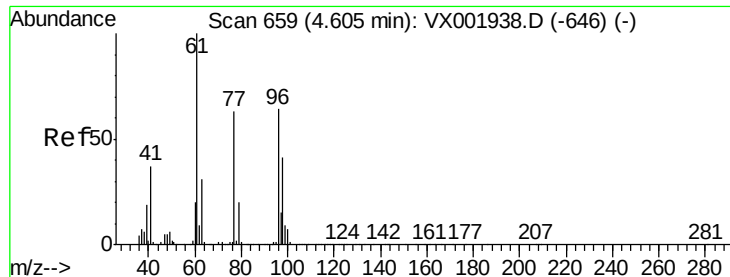
5000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 21.70 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS03

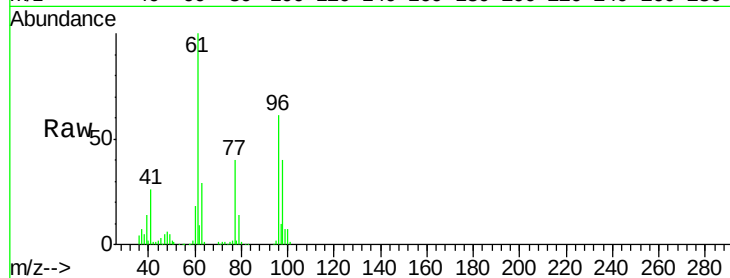
Tgt Ion: 96 Resp: 61634

Ion Ratio Lower Upper

96 100

61 185.7 0.0 348.4

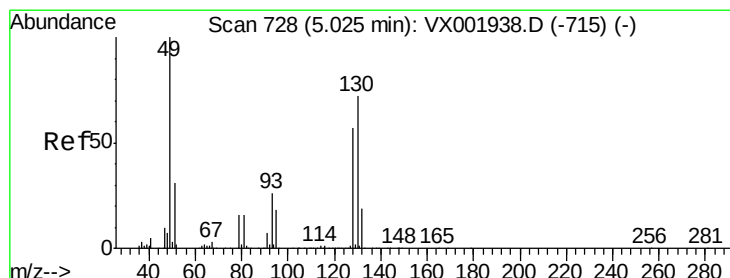
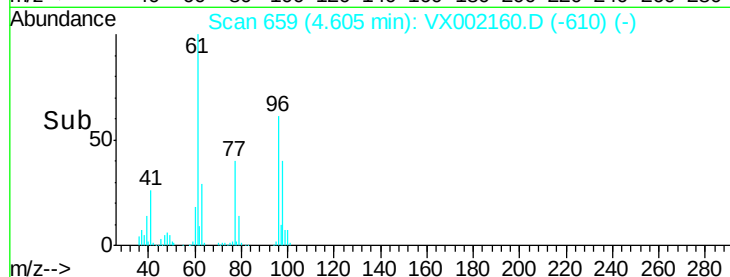
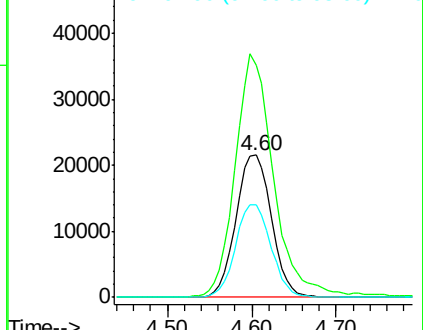
98 64.5 0.0 128.6



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: 28.24 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

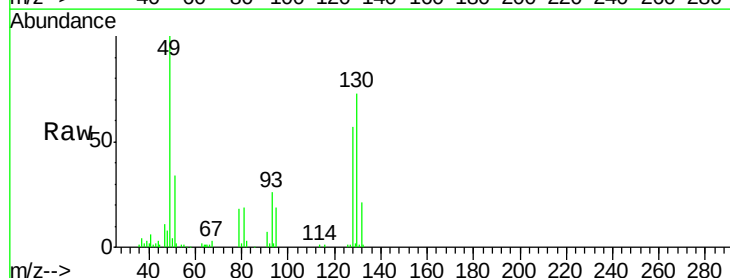
Tgt Ion: 49 Resp: 54068

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

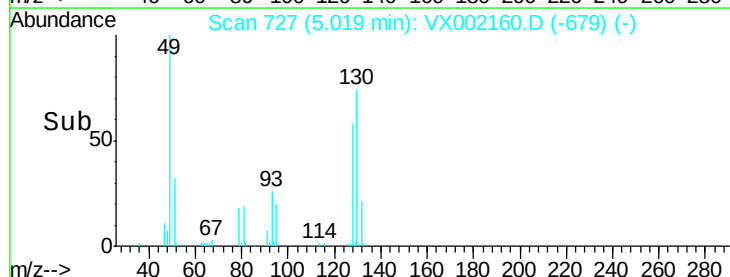
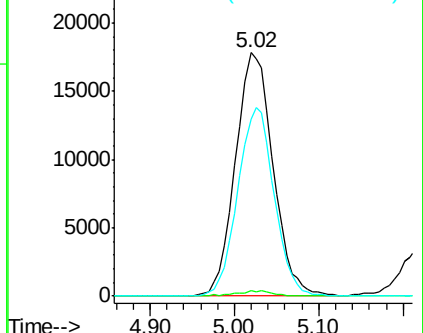
130 74.8 59.4 89.2

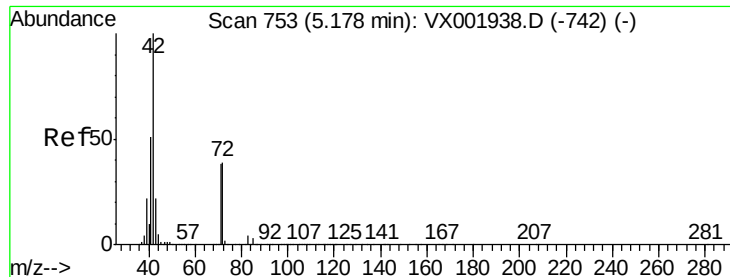


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 112.18 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS03

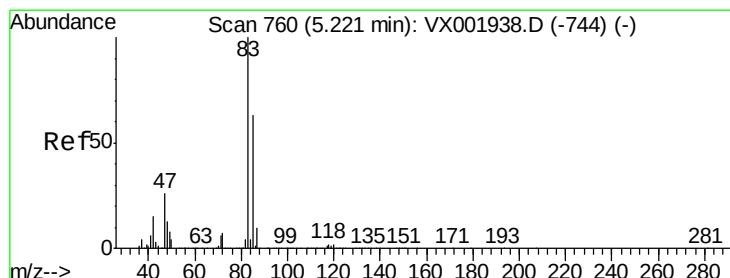
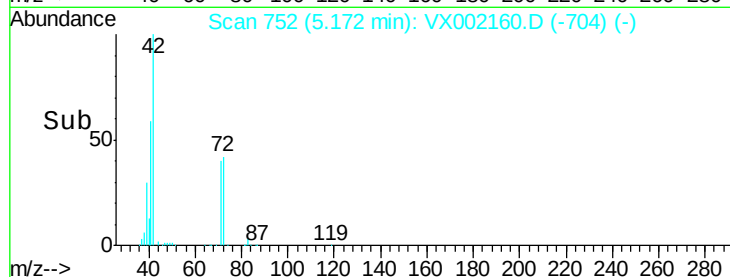
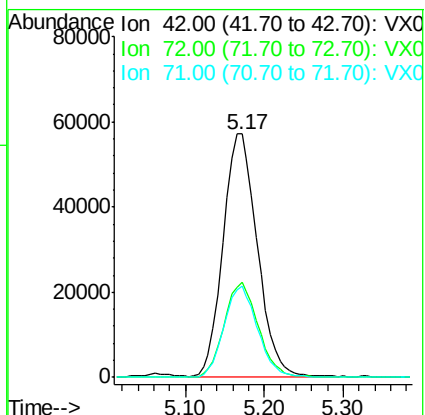
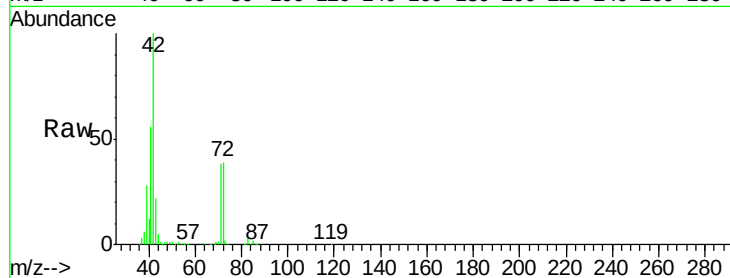
Tgt Ion: 42 Resp: 172453

Ion Ratio Lower Upper

42 100

72 39.2 31.4 47.0

71 36.8 29.5 44.3



#30

Chloroform

Concen: 21.72 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002160.D

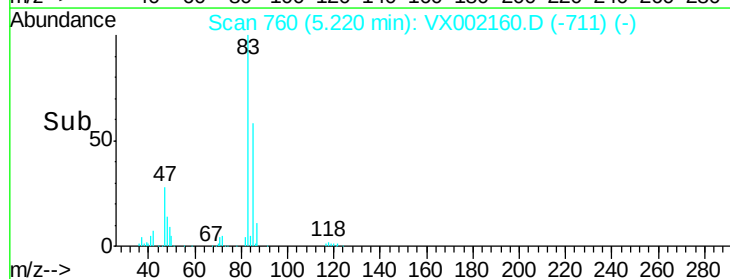
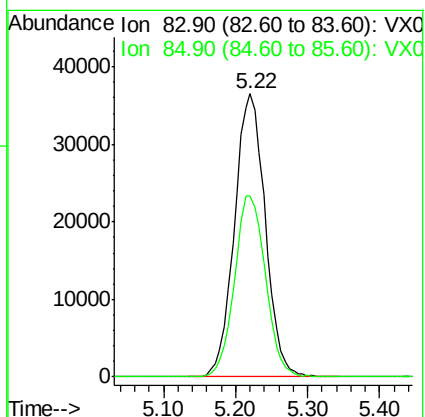
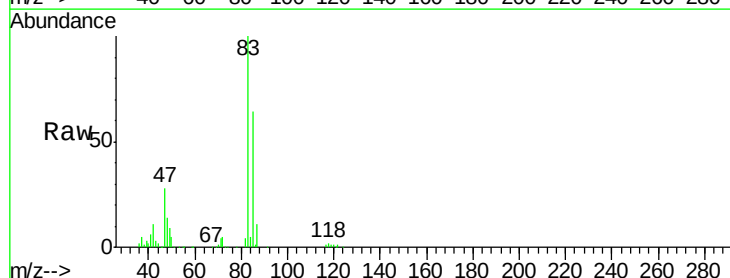
Acq: 31 May 2018 02:37

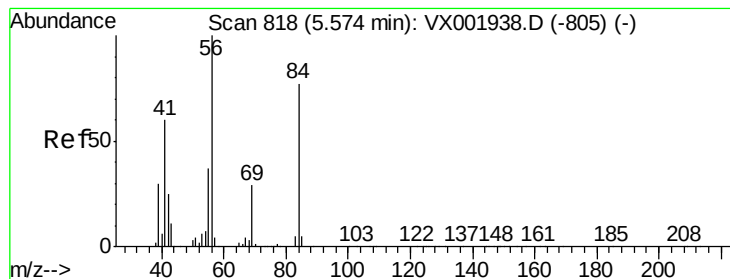
Tgt Ion: 83 Resp: 108126

Ion Ratio Lower Upper

83 100

85 63.9 50.9 76.3





#31

Cyclohexane

Concen: 16.06 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS03

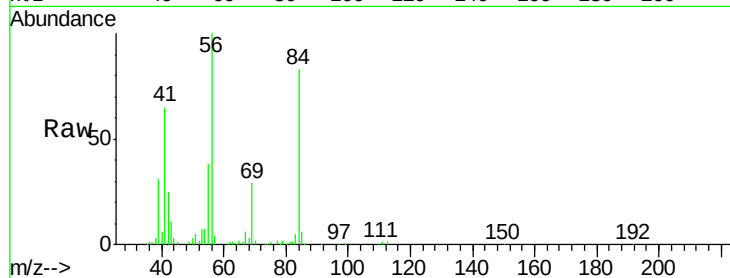
Tgt Ion: 56 Resp: 73939

Ion Ratio Lower Upper

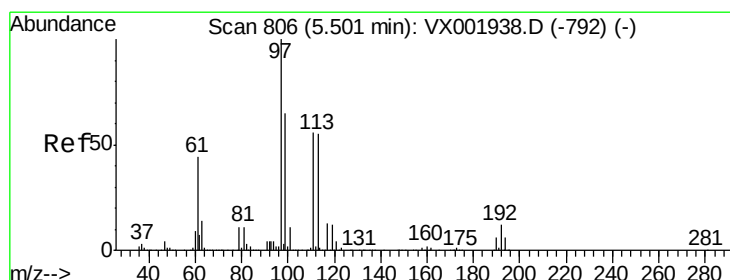
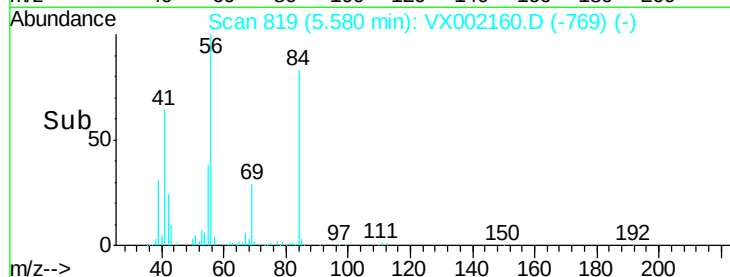
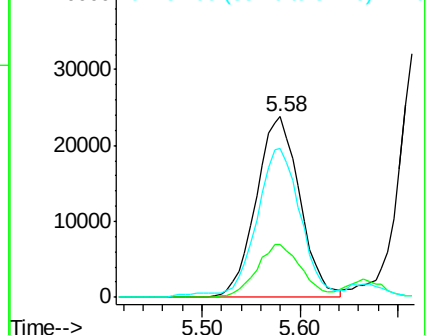
56 100

69 29.0 23.1 34.7

84 80.8 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



#32

1,1,1-Trichloroethane

Concen: 18.57 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

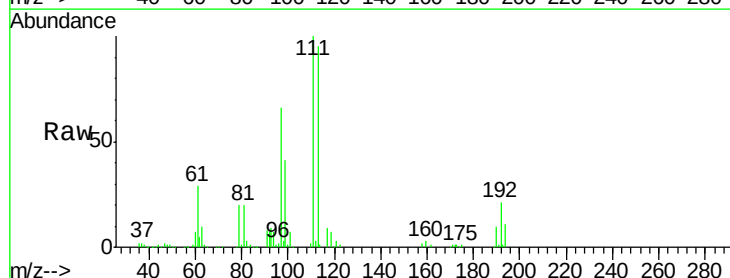
Tgt Ion: 97 Resp: 86163

Ion Ratio Lower Upper

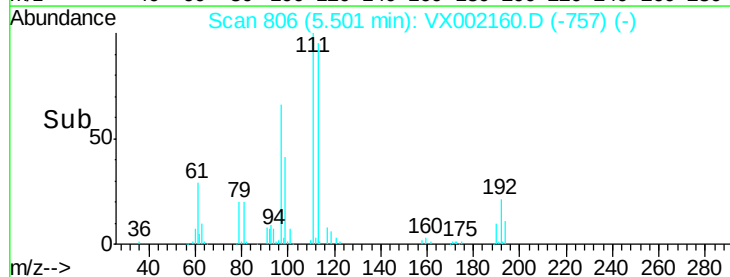
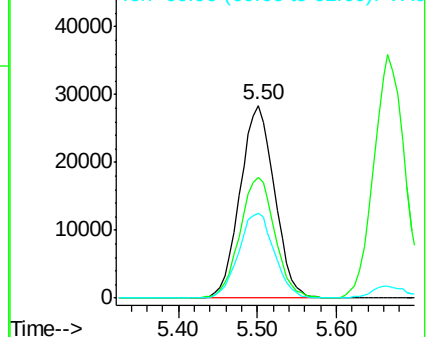
97 100

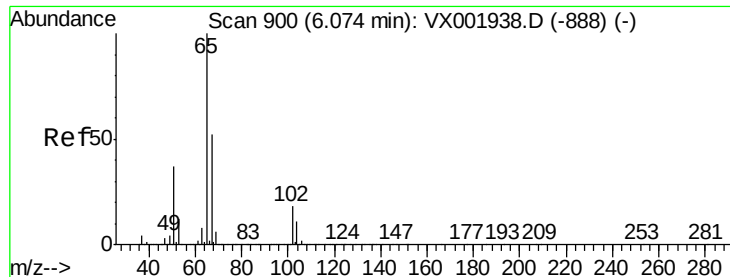
99 63.8 51.9 77.9

61 45.6 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

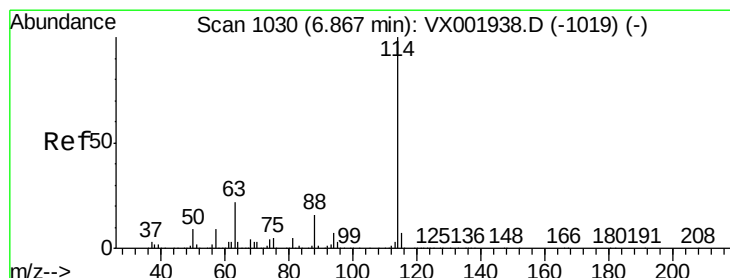
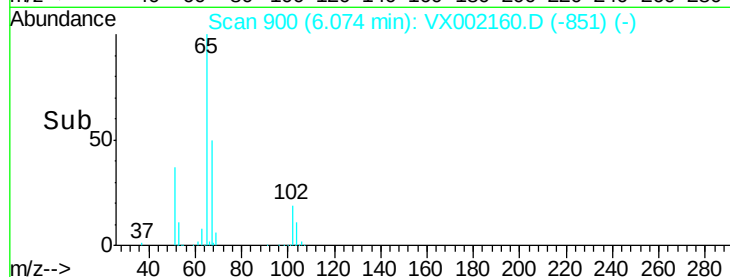
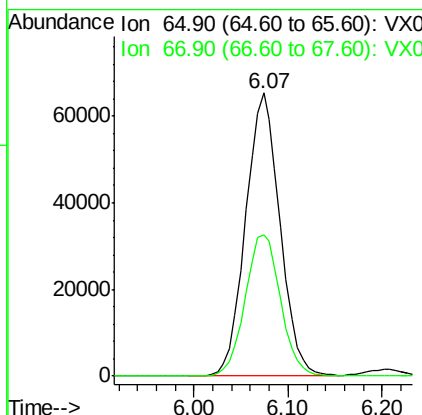
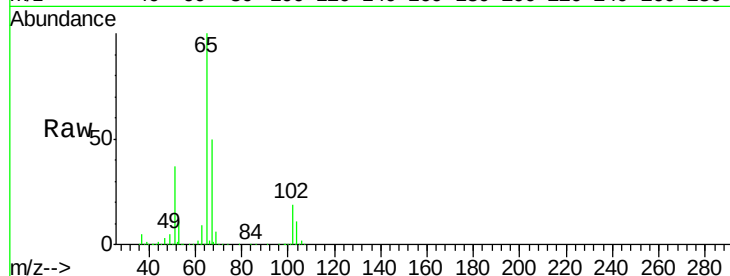




#33
 1,2-Dichloroethane-d4
 Concen: 49.90 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

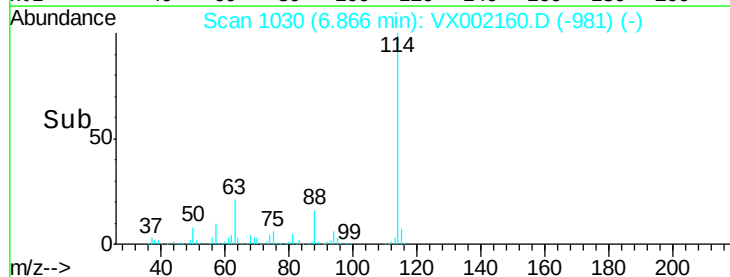
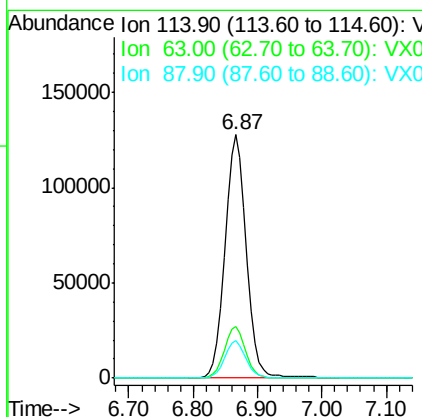
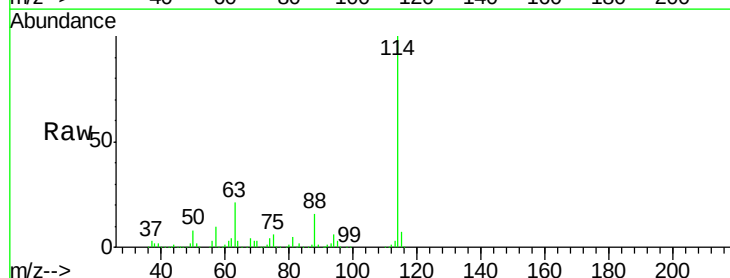
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS03

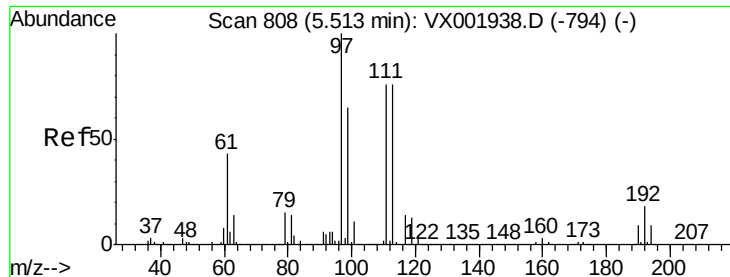
Tgt Ion: 65 Resp: 166680
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

Tgt Ion: 114 Resp: 299006
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.2
 88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 41.74 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS03

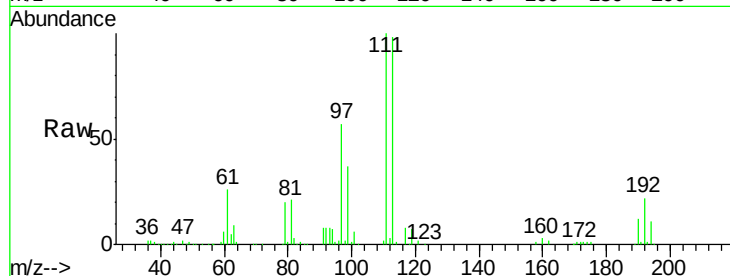
Tgt Ion:113 Resp: 124795

Ion Ratio Lower Upper

113 100

111 102.3 82.0 123.0

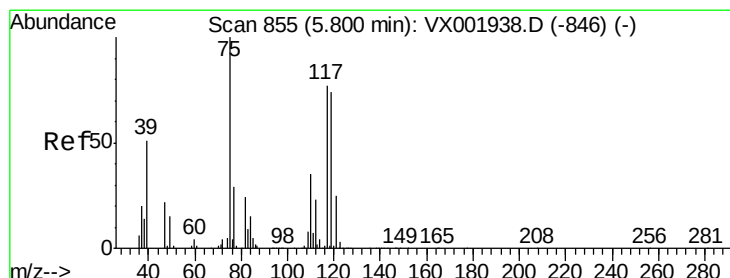
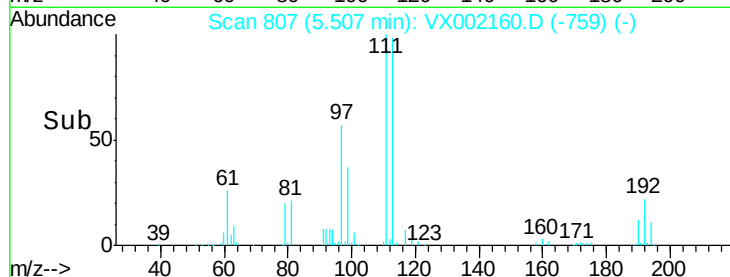
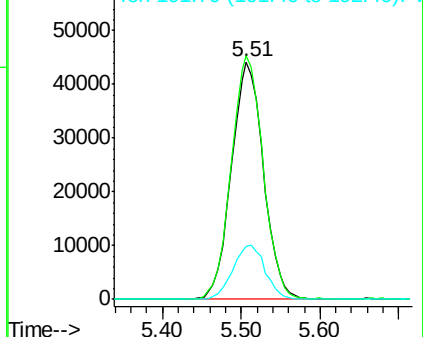
192 23.0 18.9 28.3



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: 16.15 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

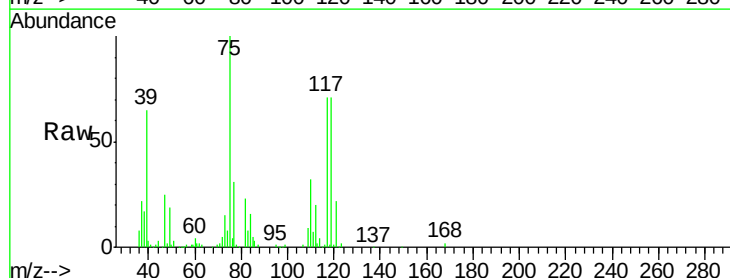
Tgt Ion: 75 Resp: 67163

Ion Ratio Lower Upper

75 100

110 35.8 17.4 52.2

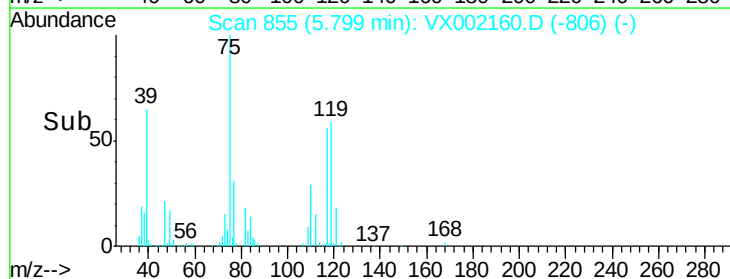
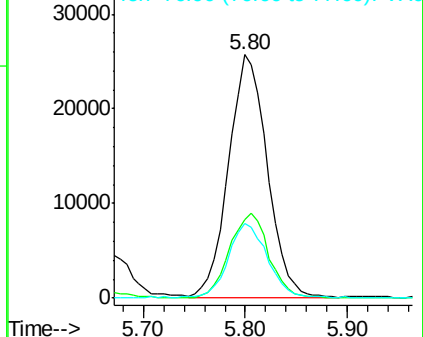
77 31.0 24.4 36.6

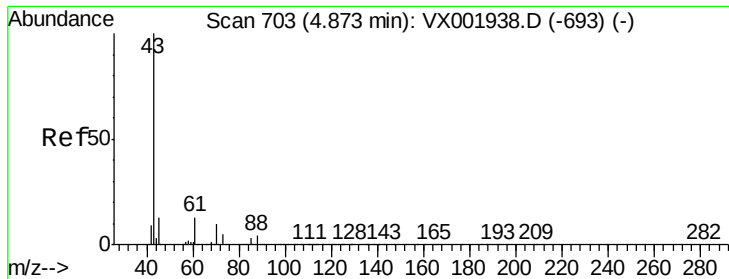


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

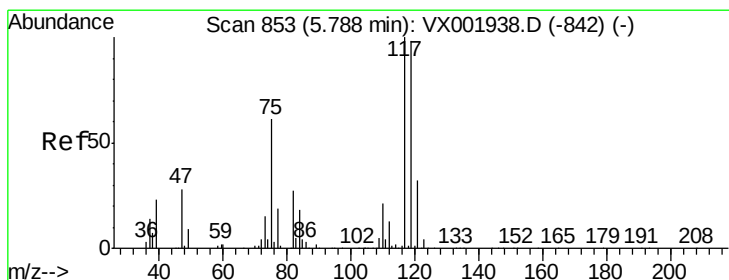
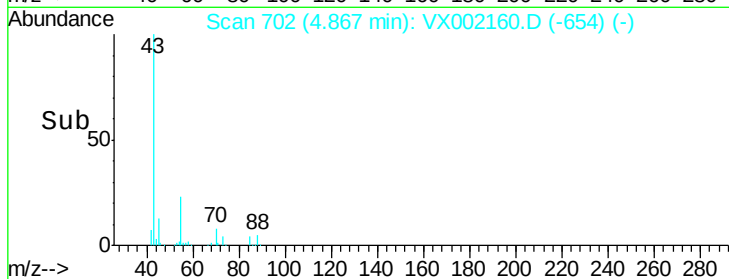
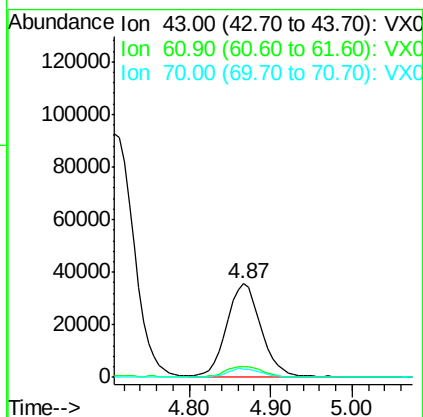
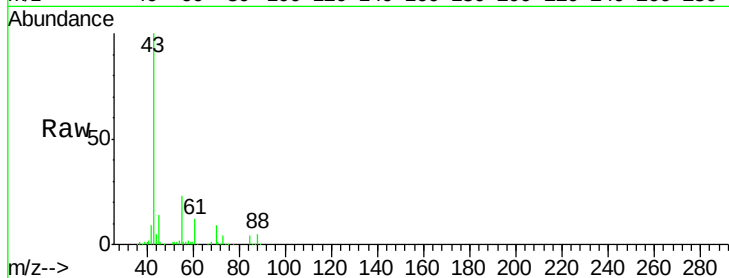




#37
 Ethyl Acetate
 Concen: 18.86 ug/l
 RT: 4.87 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

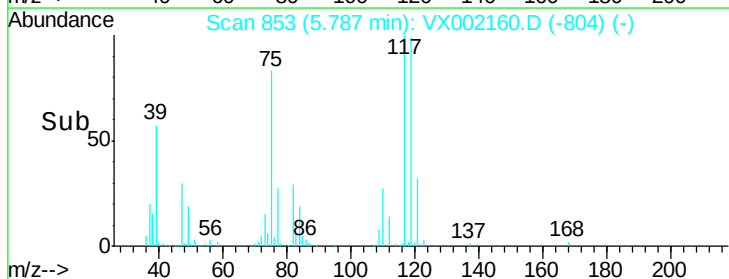
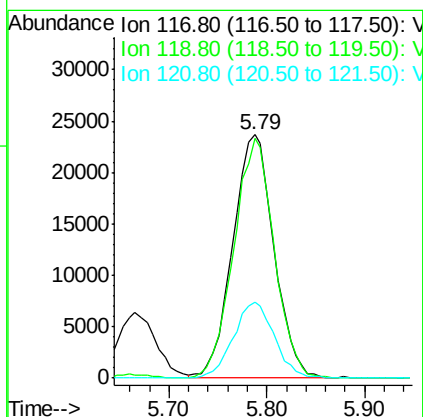
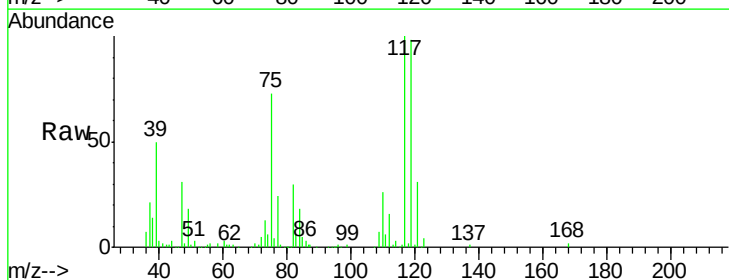
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS03

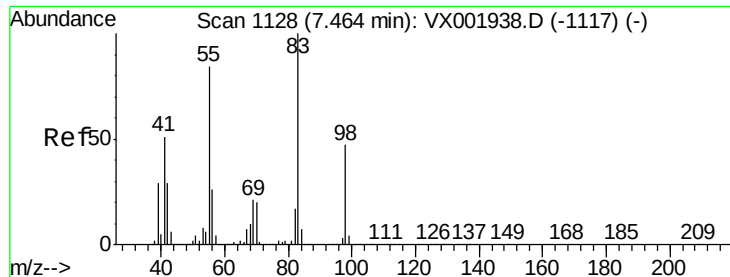
Tgt Ion: 43 Resp: 102280
 Ion Ratio Lower Upper
 43 100
 61 12.8 10.2 15.2
 70 9.5 7.8 11.8



#38
 Carbon Tetrachloride
 Concen: 14.19 ug/l
 RT: 5.79 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

Tgt Ion: 117 Resp: 68803
 Ion Ratio Lower Upper
 117 100
 119 98.8 78.5 117.7
 121 31.5 25.5 38.3

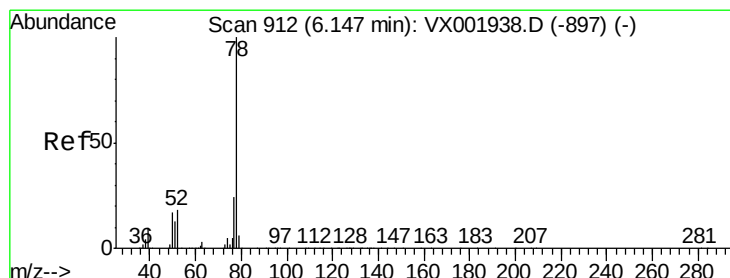
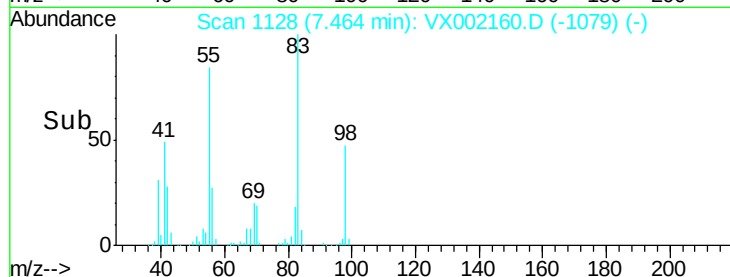
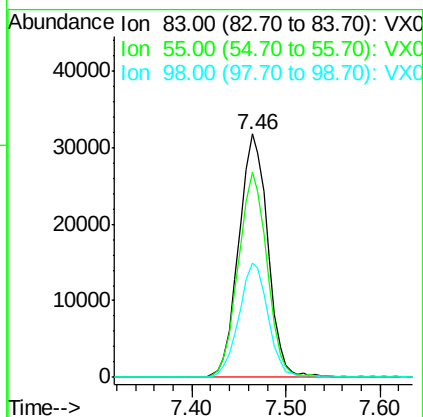
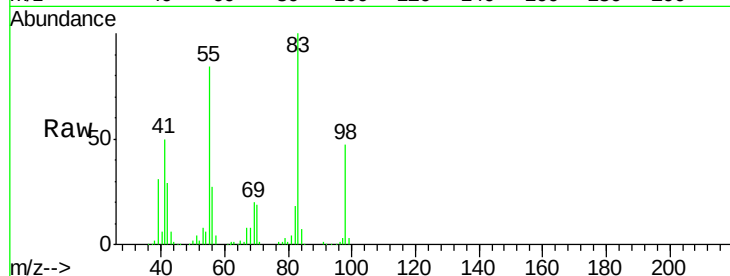




#39
Methylcyclohexane
Concen: 13.44 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002160.D
Acq: 31 May 2018 02:37

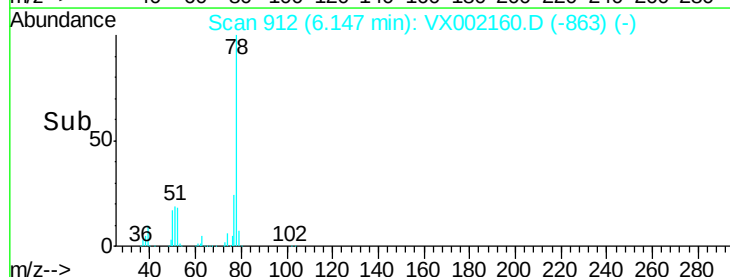
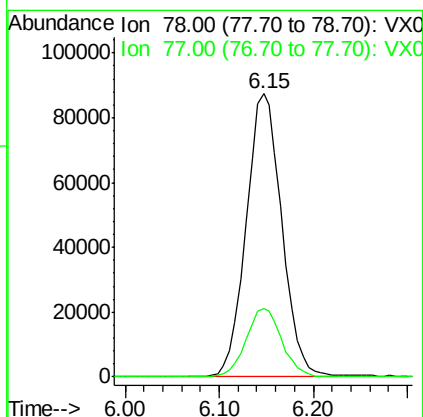
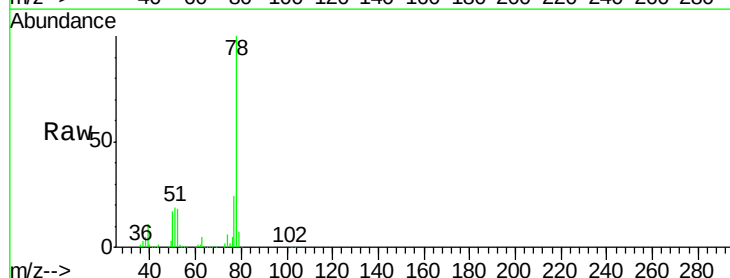
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS03

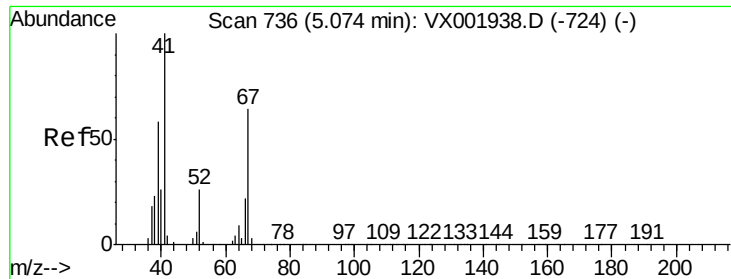
Tgt Ion: 83 Resp: 68679
Ion Ratio Lower Upper
83 100
55 84.5 67.3 100.9
98 47.2 37.5 56.3



#40
Benzene
Concen: 19.00 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002160.D
Acq: 31 May 2018 02:37

Tgt Ion: 78 Resp: 231534
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7

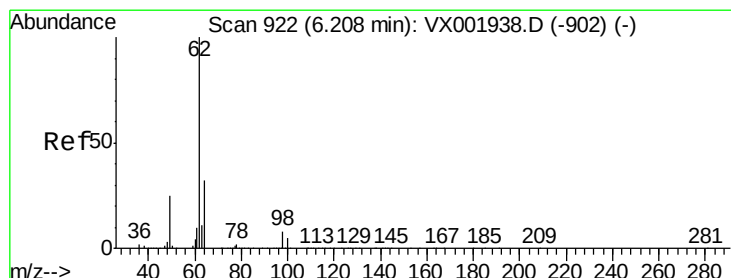
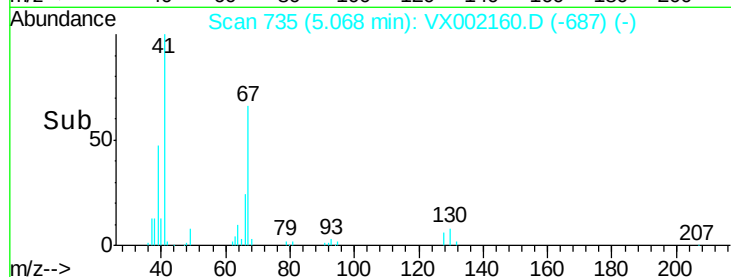
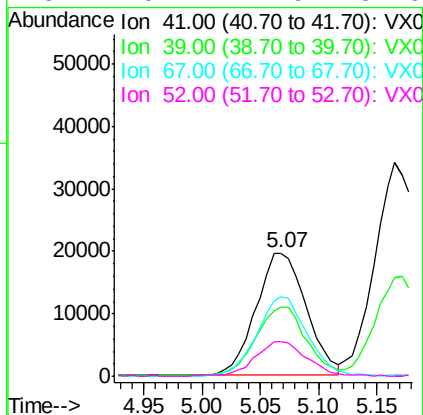
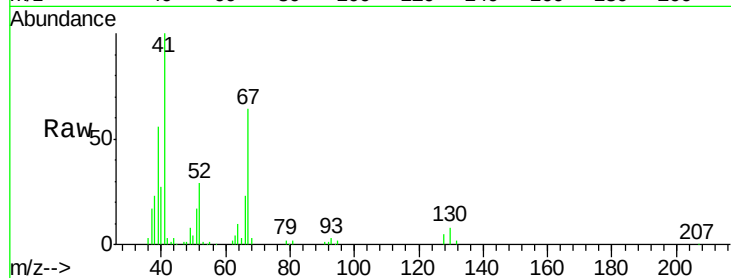




#41
Methacrylonitrile
Concen: 19.73 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002160.D
Acq: 31 May 2018 02:37

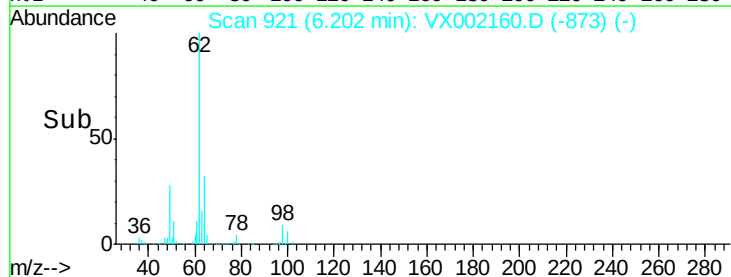
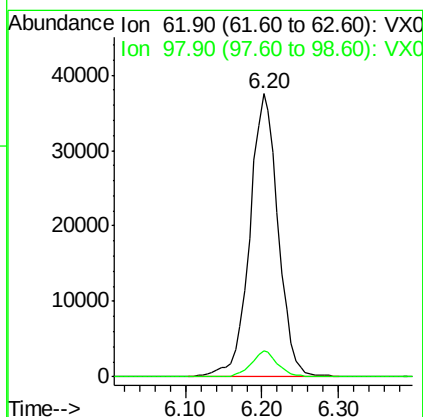
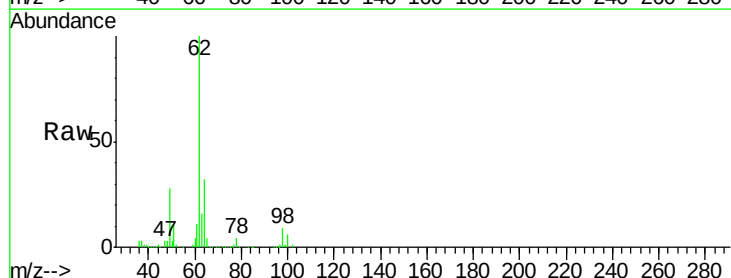
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS03

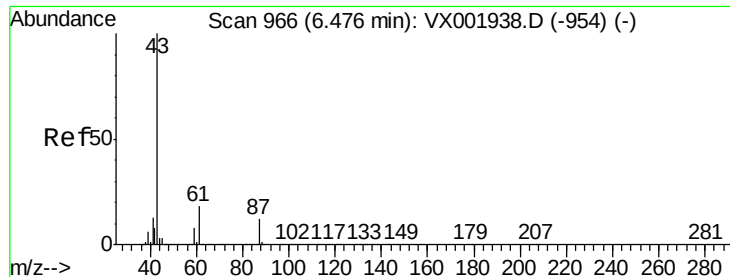
Tgt Ion:	41	Resp:	58808
Ion	Ratio	Lower	Upper
41	100		
39	56.0	46.0	69.0
67	64.3	50.6	75.8
52	29.4	21.9	32.9



#42
1,2-Dichloroethane
Concen: 19.75 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002160.D
Acq: 31 May 2018 02:37

Tgt Ion:	62	Resp:	96108
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0





#43

Isopropyl Acetate

Concen: 18.87 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS03

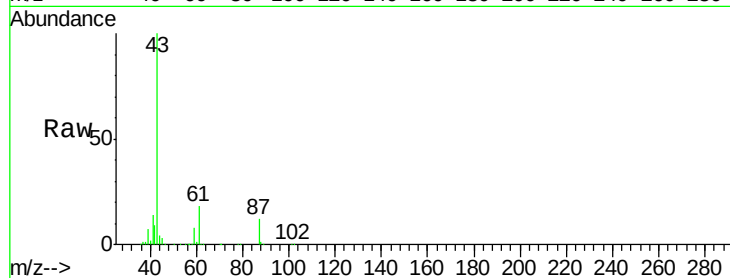
Tgt Ion: 43 Resp: 170444

Ion Ratio Lower Upper

43 100

61 17.9 14.5 21.7

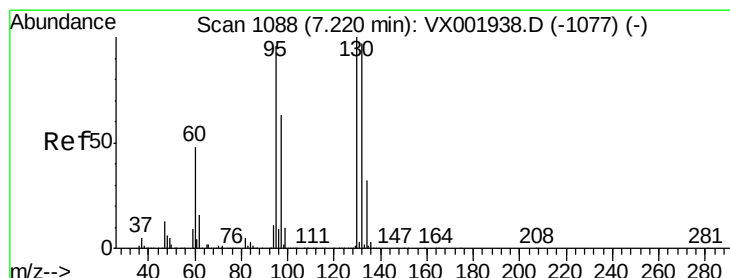
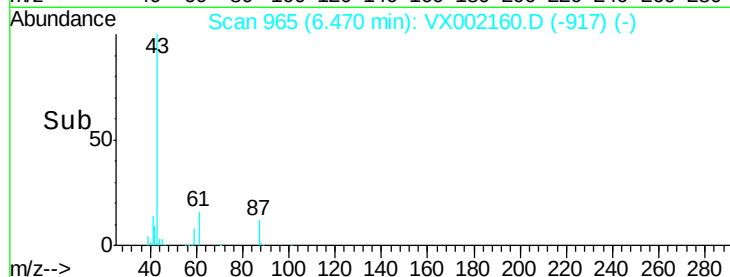
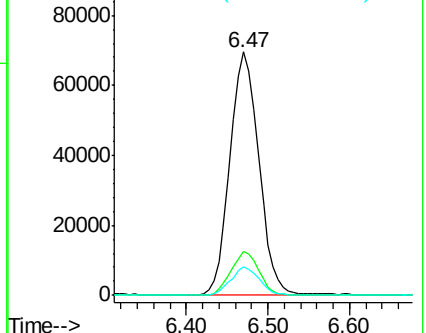
87 11.5 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.68 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002160.D

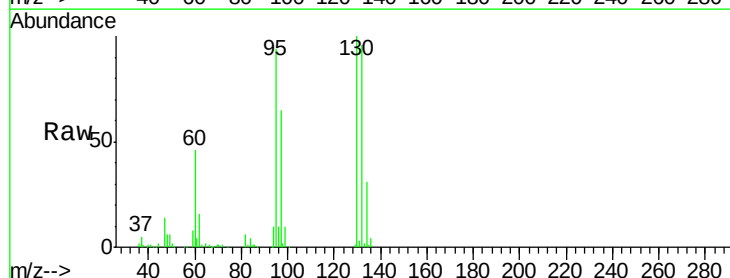
Acq: 31 May 2018 02:37

Tgt Ion: 130 Resp: 62766

Ion Ratio Lower Upper

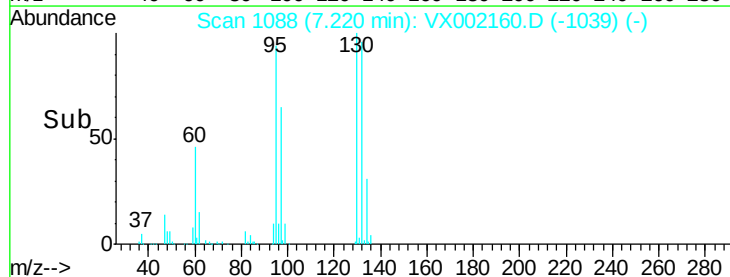
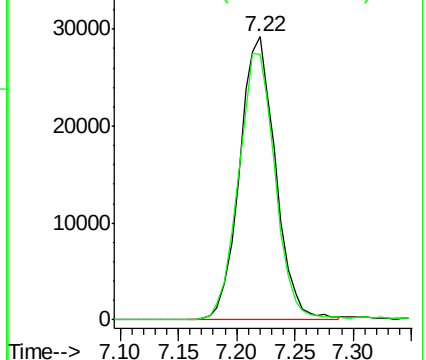
130 100

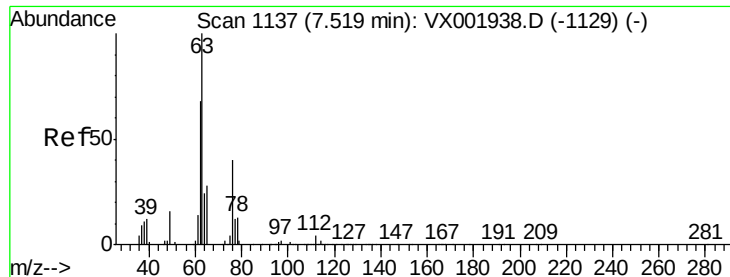
95 94.0 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

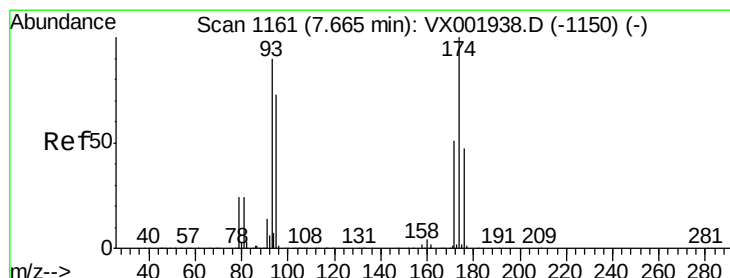
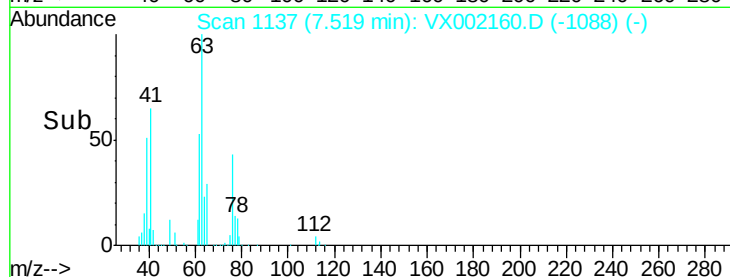
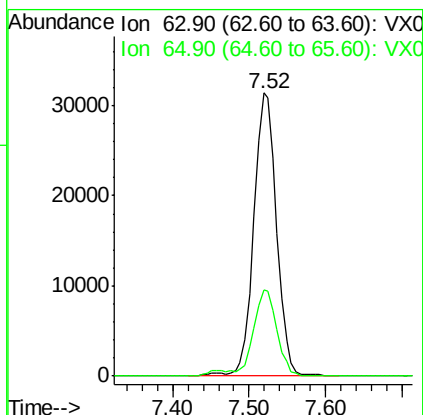
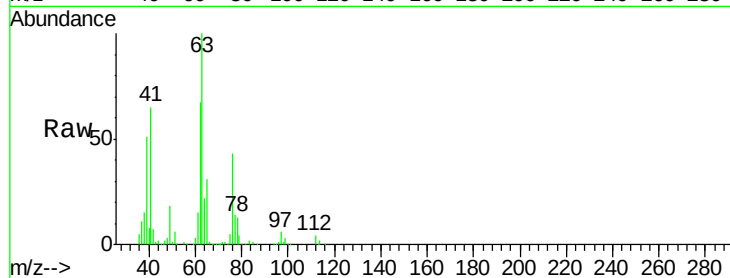




#45
 1,2-Dichloropropane
 Concen: 19.81 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

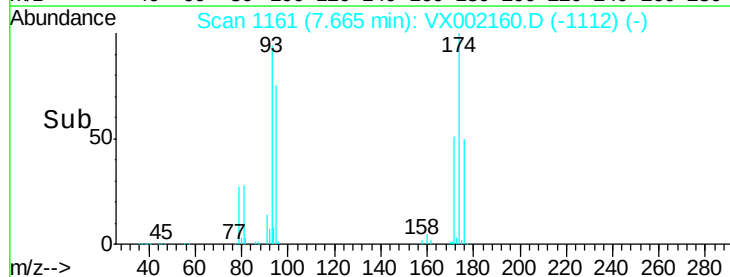
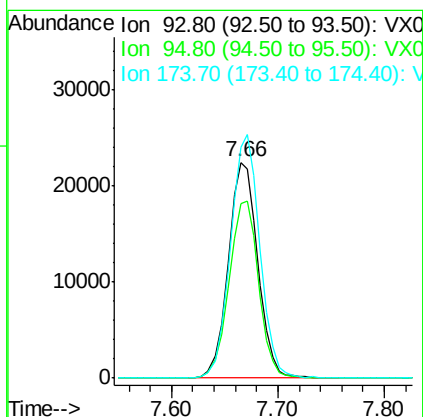
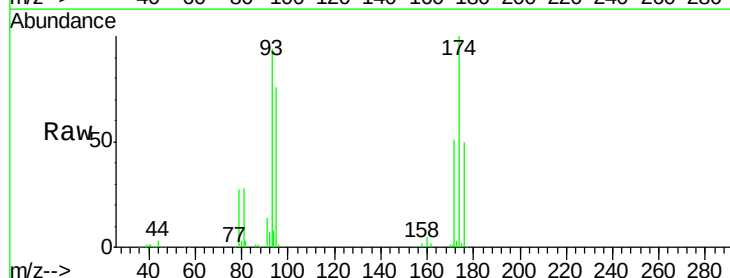
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS03

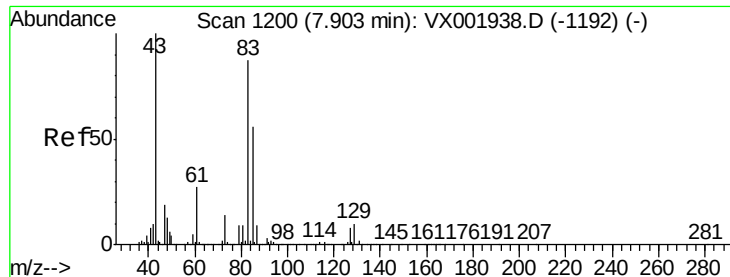
Tgt Ion: 63 Resp: 65563
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.1 36.1



#46
 Dibromomethane
 Concen: 19.92 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

Tgt Ion: 93 Resp: 43651
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.1 99.1
 174 111.9 92.5 138.7





#47

Bromodichloromethane

Concen: 16.67 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampled :

VX0530WBS03

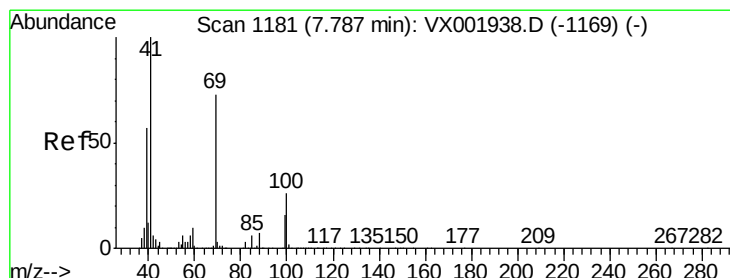
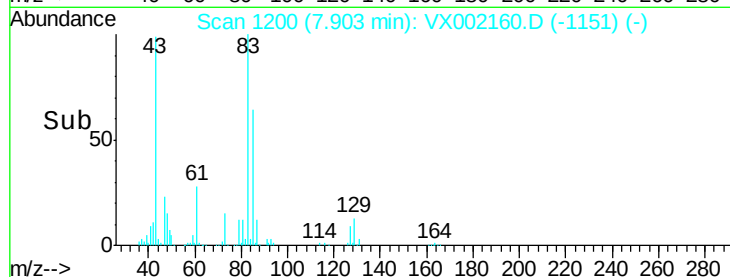
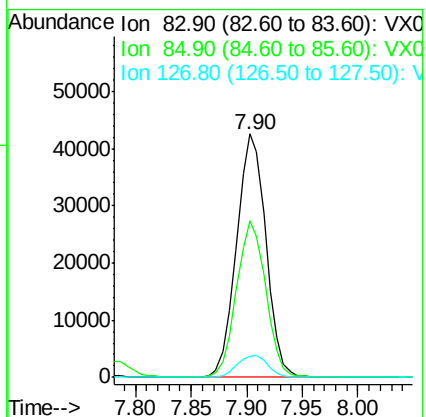
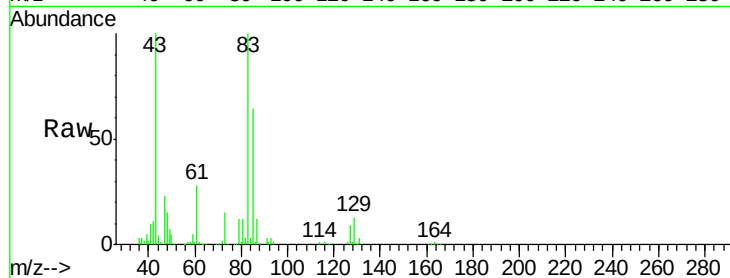
Tgt Ion: 83 Resp: 77884

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.2

127 8.7 7.1 10.7



#48

Methyl methacrylate

Concen: 18.93 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

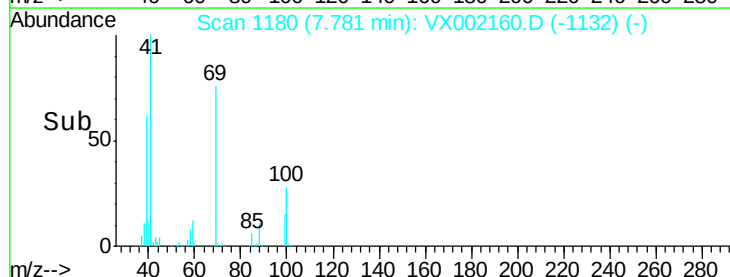
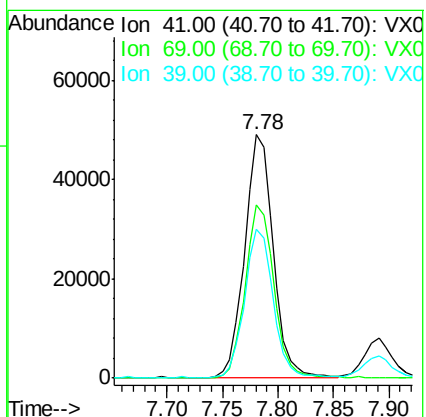
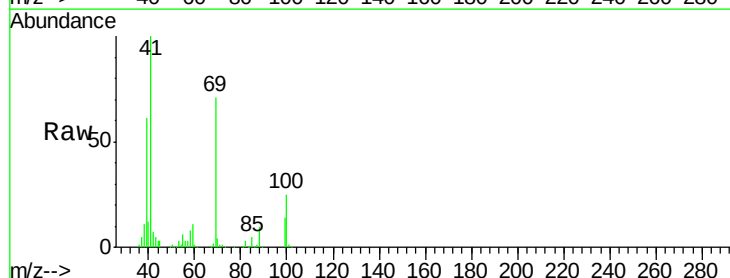
Tgt Ion: 41 Resp: 87066

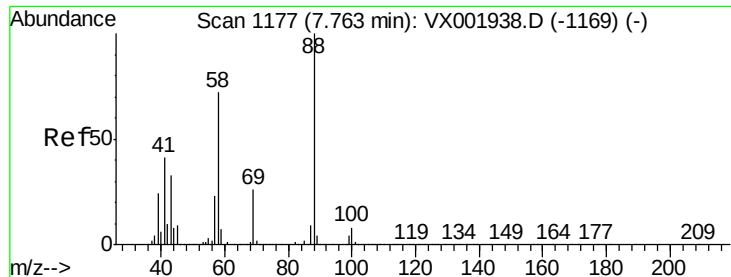
Ion Ratio Lower Upper

41 100

69 72.8 58.6 87.8

39 61.2 46.3 69.5





#49

1,4-Dioxane

Concen: 417.21 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampled :

VX0530WBS03

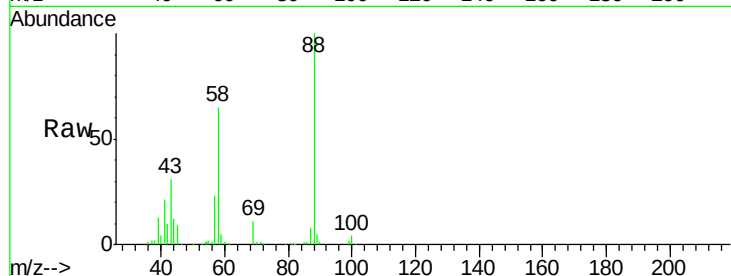
Tgt Ion: 88 Resp: 33806

Ion Ratio Lower Upper

88 100

43 35.4 29.8 44.8

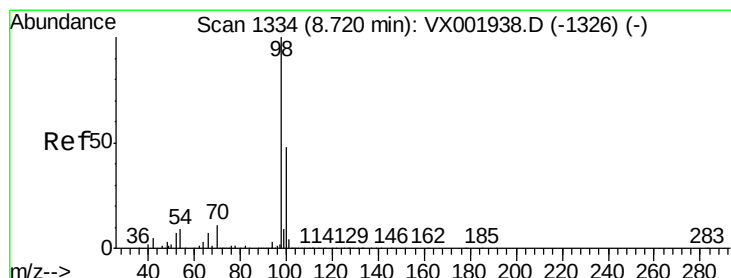
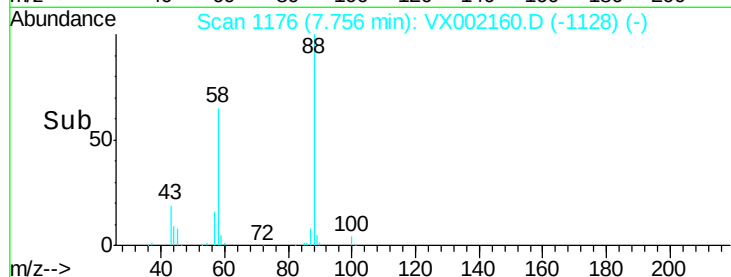
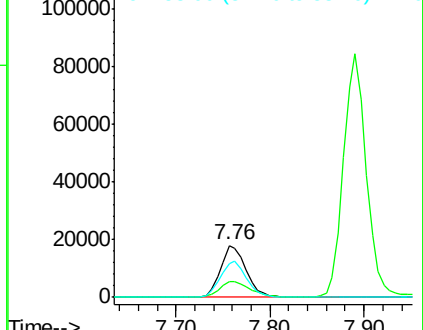
58 72.1 58.7 88.1



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 41.55 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002160.D

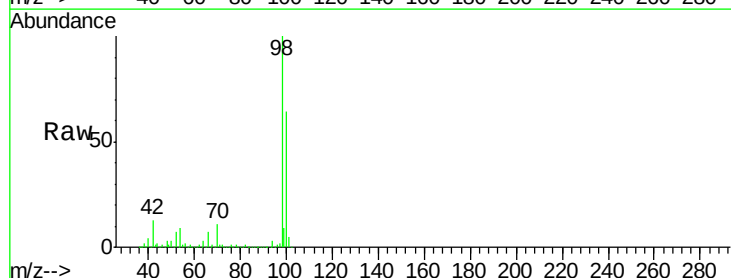
Acq: 31 May 2018 02:37

Tgt Ion: 98 Resp: 449744

Ion Ratio Lower Upper

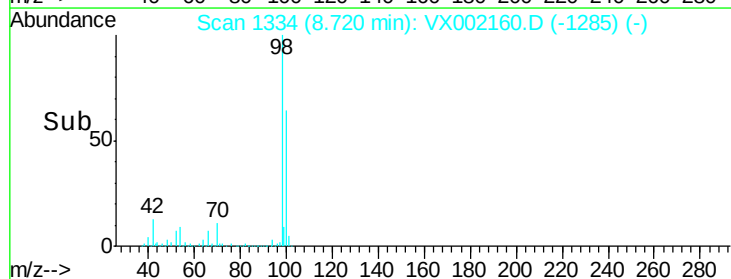
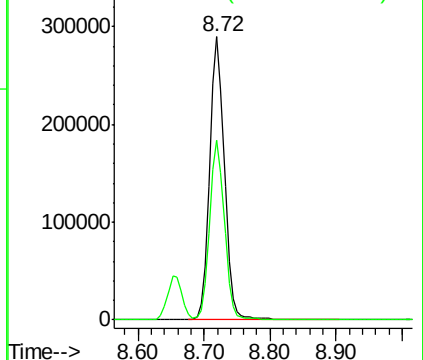
98 100

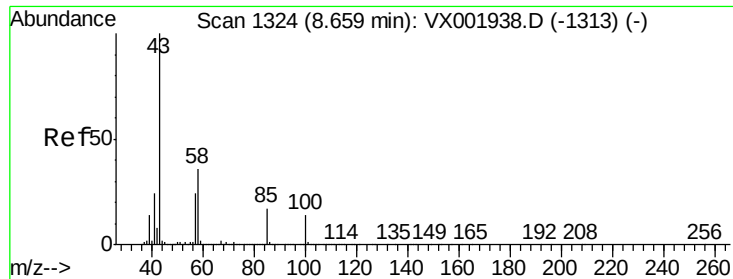
100 64.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

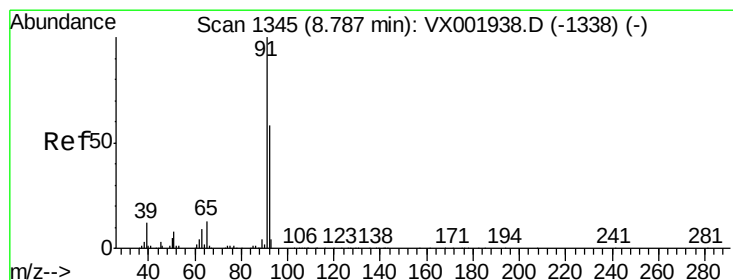
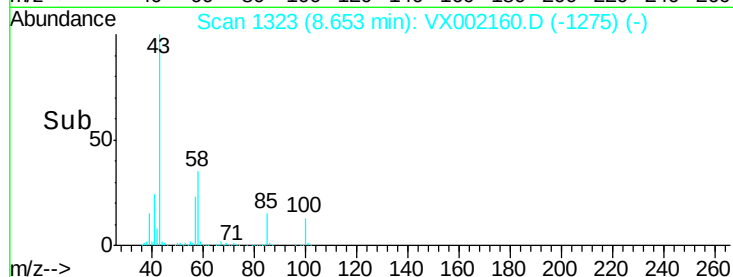
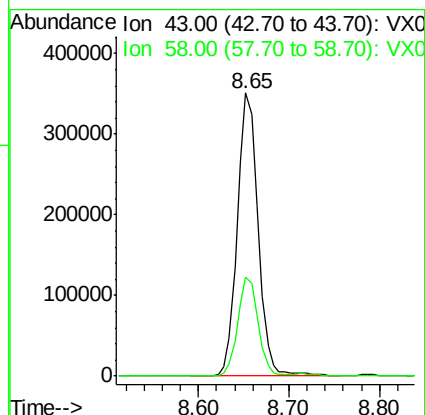
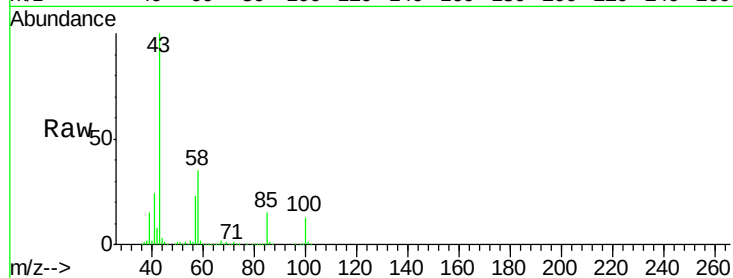




#51
 4-Methyl-2-Pentanone
 Concen: 102.67 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

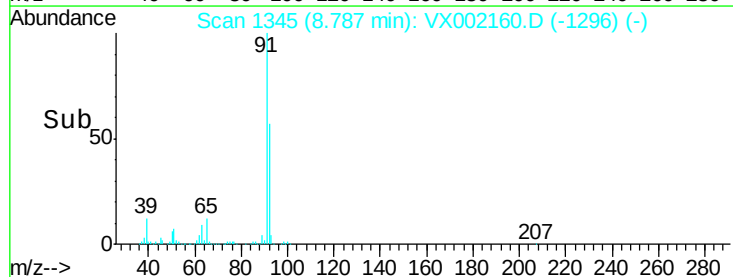
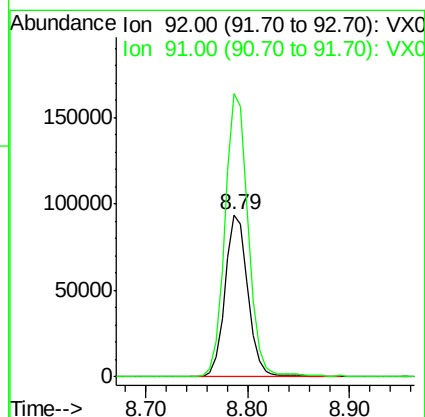
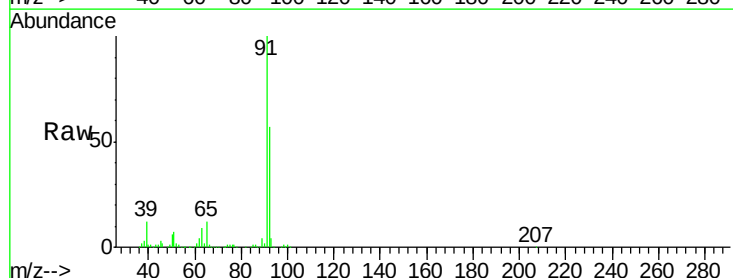
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS03

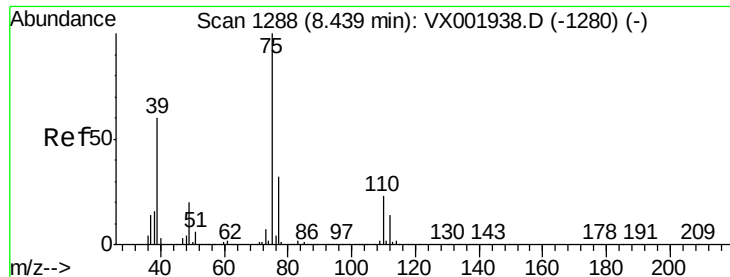
Tgt Ion: 43 Resp: 559158
 Ion Ratio Lower Upper
 43 100
 58 34.4 28.5 42.7



#52
 Toluene
 Concen: 18.88 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

Tgt Ion: 92 Resp: 146384
 Ion Ratio Lower Upper
 92 100
 91 177.7 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 16.85 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

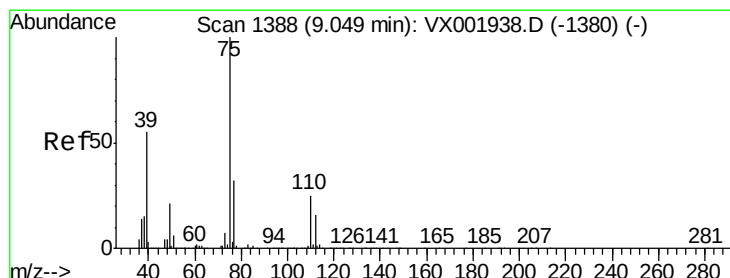
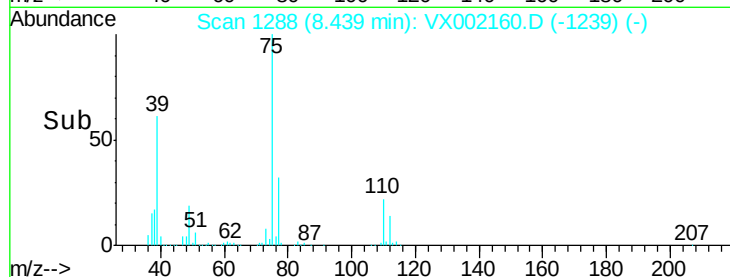
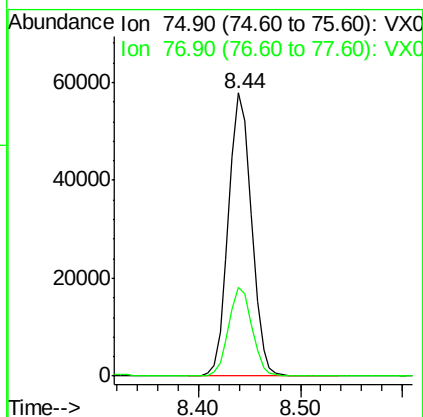
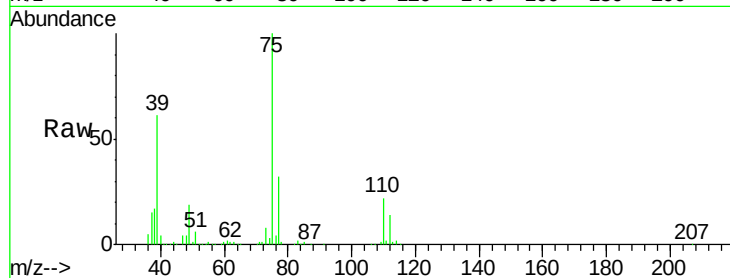
VX0530WBS03

Tgt Ion: 75 Resp: 90638

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 16.12 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

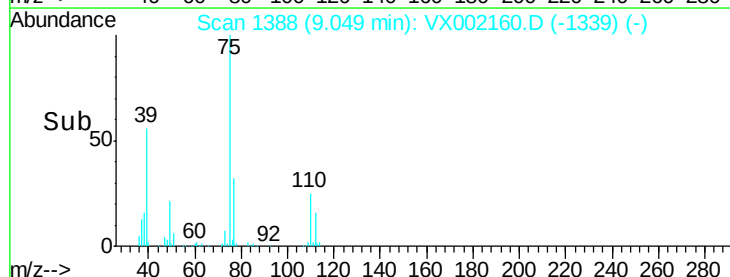
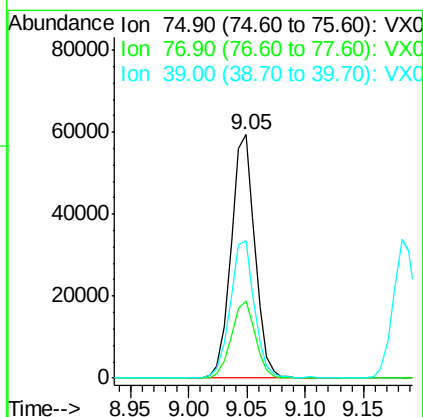
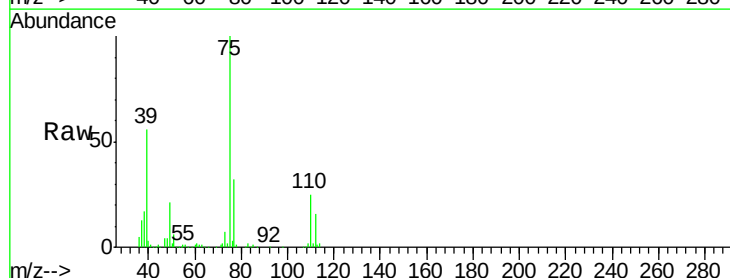
Tgt Ion: 75 Resp: 84526

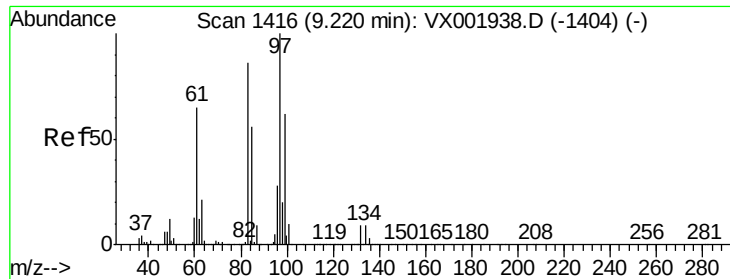
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

39 56.2 44.1 66.1

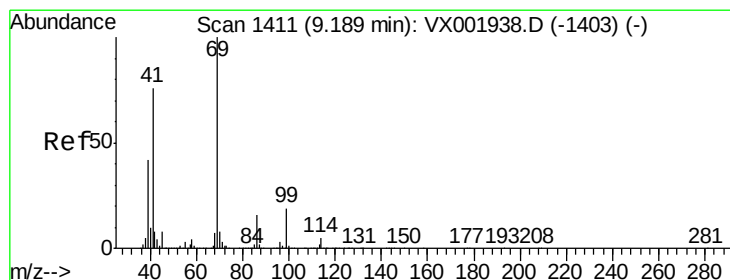
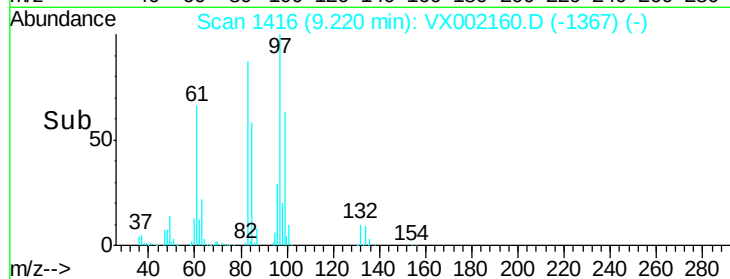
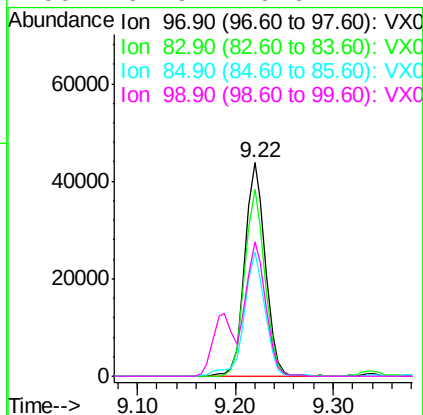
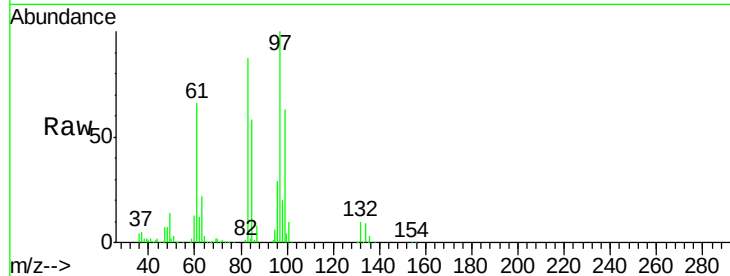




#55
 1,1,2-Trichloroethane
 Concen: 19.73 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

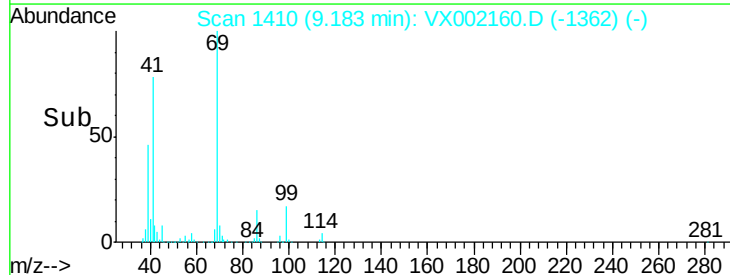
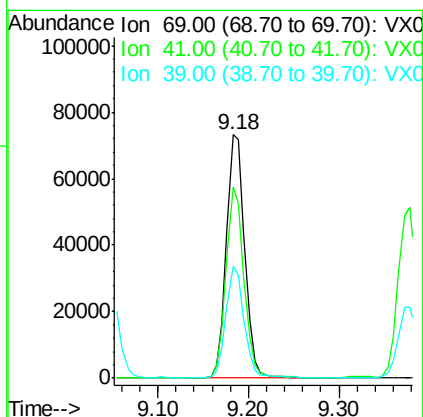
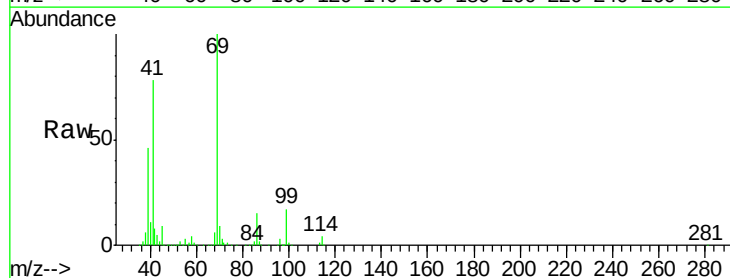
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS03

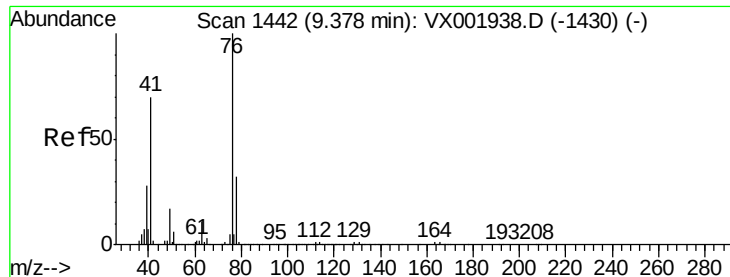
Tgt Ion:	97	Resp:	63922
Ion	Ratio	Lower	Upper
97	100		
83	87.5	69.1	103.7
85	58.2	45.2	67.8
99	62.9	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 18.62 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

Tgt Ion:	69	Resp:	103759
Ion	Ratio	Lower	Upper
69	100		
41	76.3	61.0	91.6
39	44.9	34.4	51.6





#57

1,3-Dichloropropane

Concen: 20.00 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

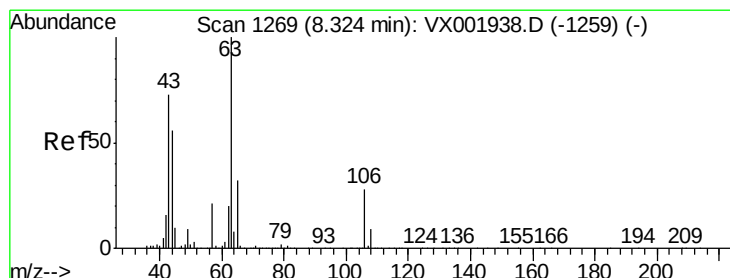
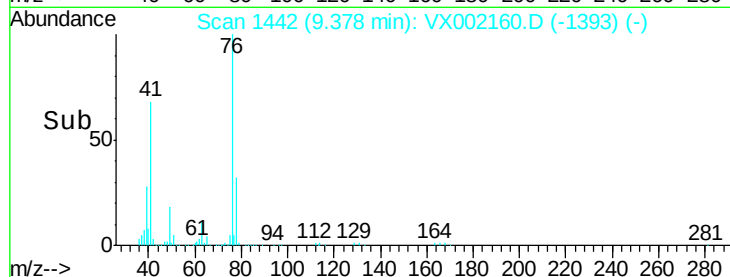
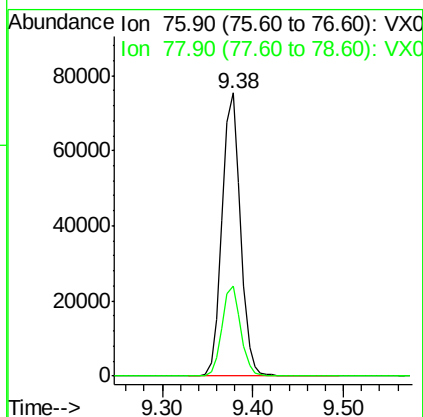
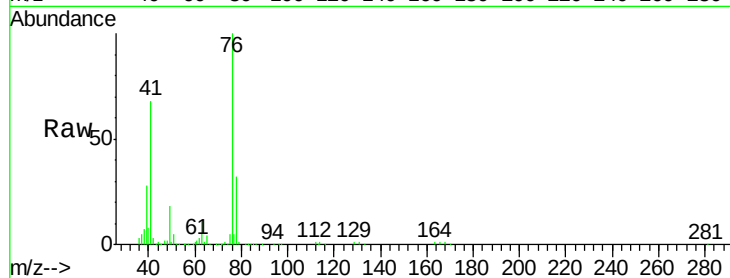
VX0530WBS03

Tgt Ion: 76 Resp: 106715

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 94.98 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002160.D

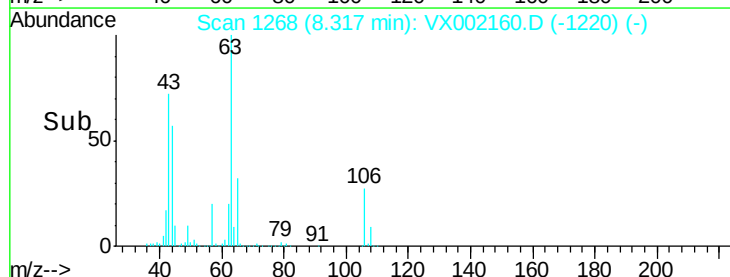
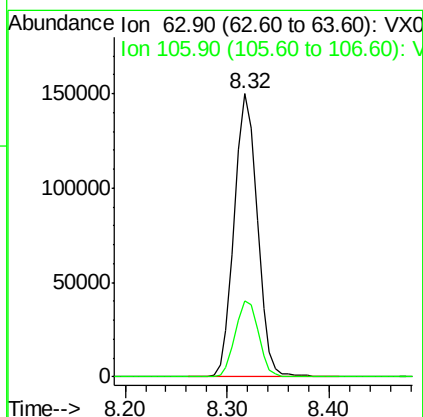
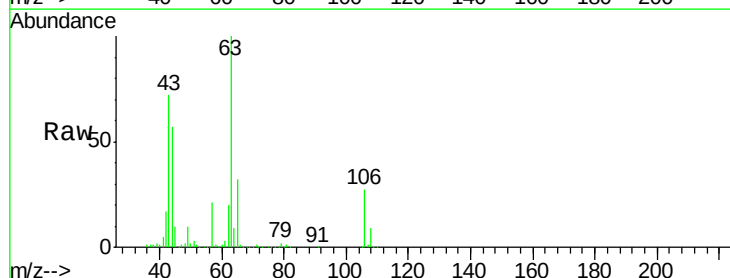
Acq: 31 May 2018 02:37

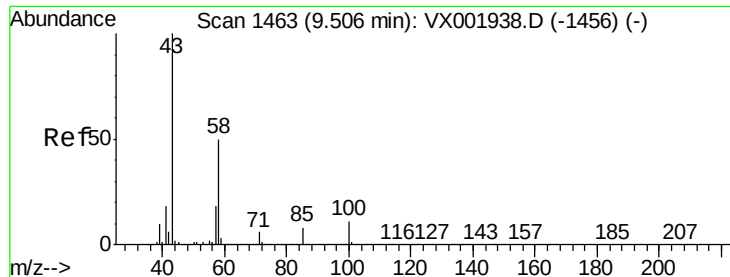
Tgt Ion: 63 Resp: 234554

Ion Ratio Lower Upper

63 100

106 27.3 21.7 32.5

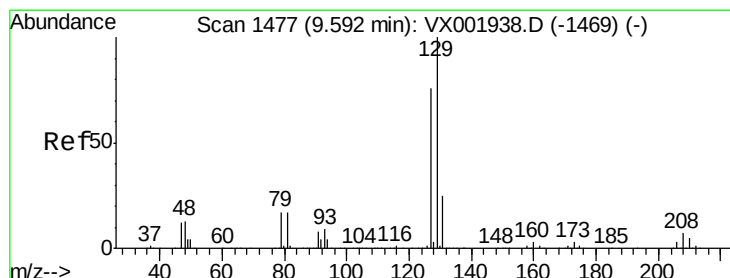
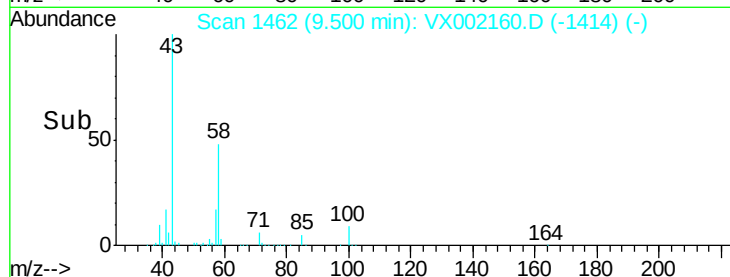
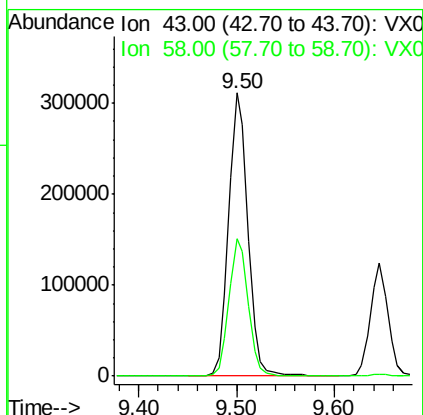
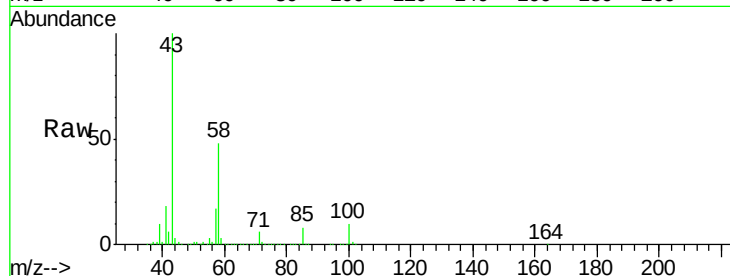




#59
2-Hexanone
Concen: 101.31 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002160.D
Acq: 31 May 2018 02:37

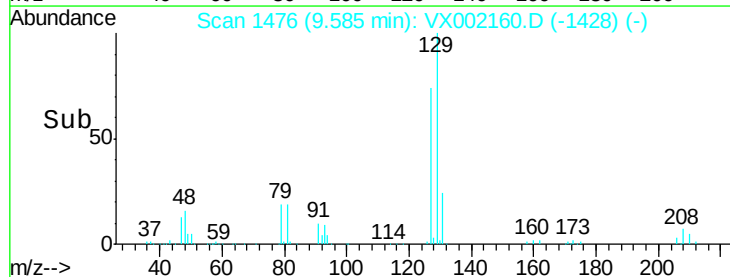
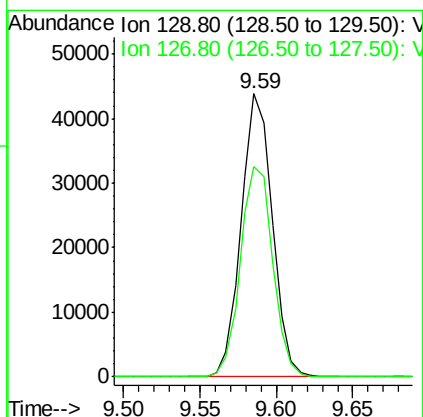
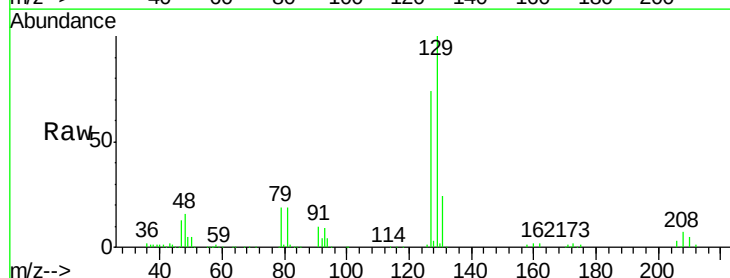
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS03

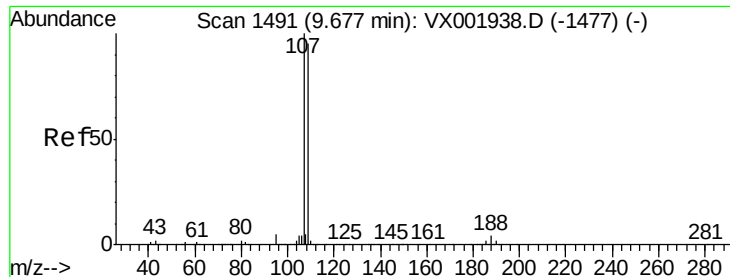
Tgt Ion: 43 Resp: 425417
Ion Ratio Lower Upper
43 100
58 48.9 24.9 74.6



#60
Dibromochloromethane
Concen: 16.17 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002160.D
Acq: 31 May 2018 02:37

Tgt Ion: 129 Resp: 62034
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.9





#61

1,2-Dibromoethane

Concen: 19.84 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

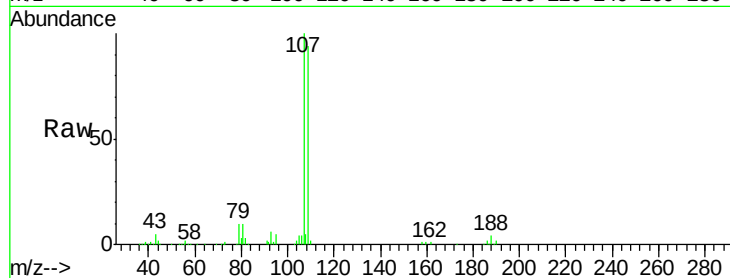
VX0530WBS03

Tgt Ion: 107 Resp: 67435

Ion Ratio Lower Upper

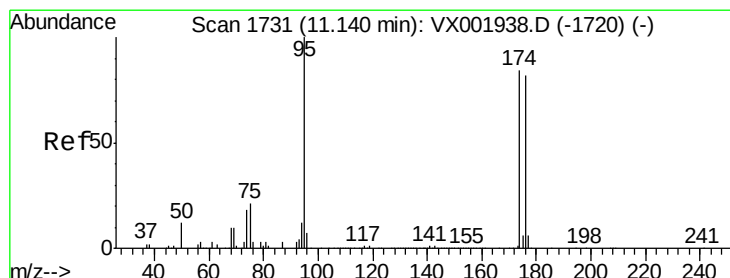
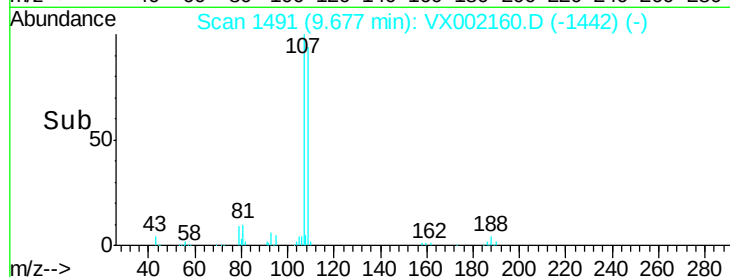
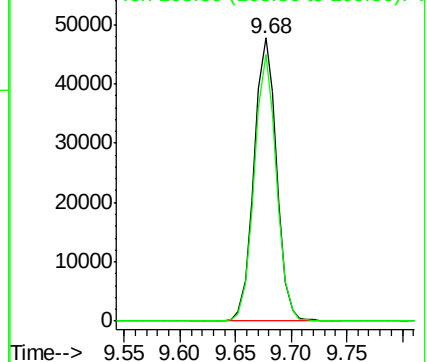
107 100

109 92.6 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 41.26 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

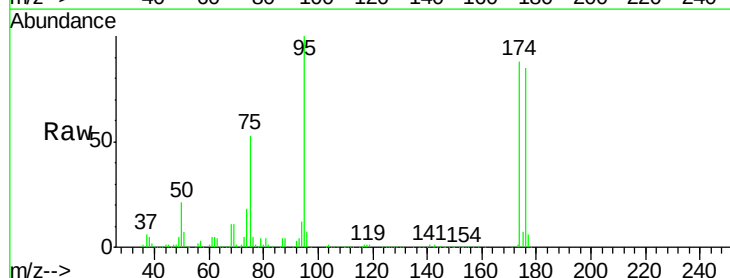
Tgt Ion: 95 Resp: 174754

Ion Ratio Lower Upper

95 100

174 92.1 0.0 178.8

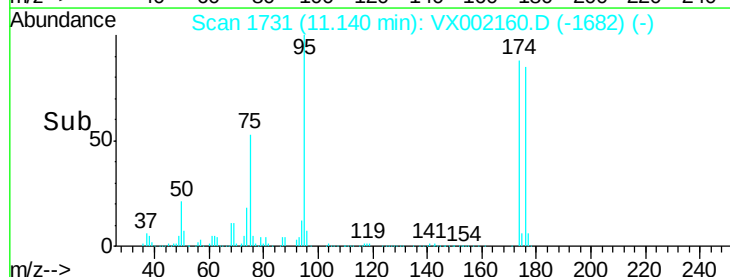
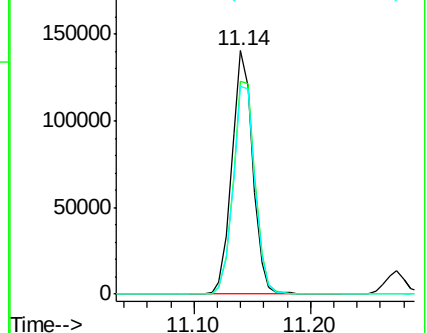
176 89.6 0.0 175.6

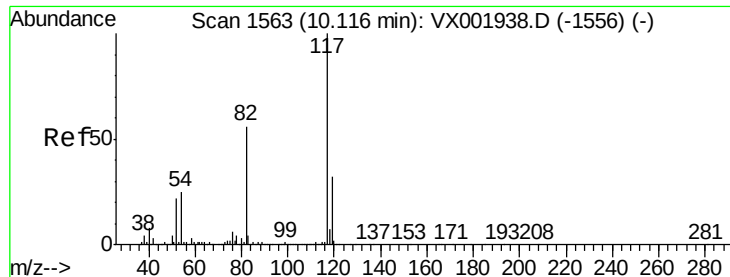


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

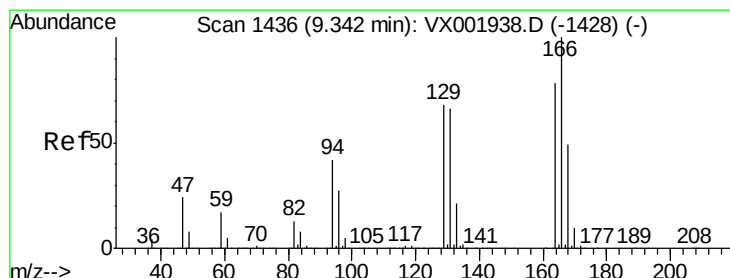
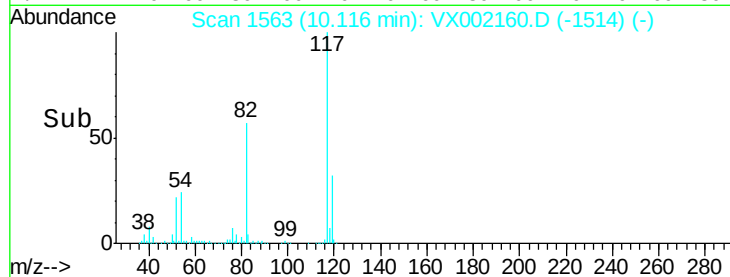
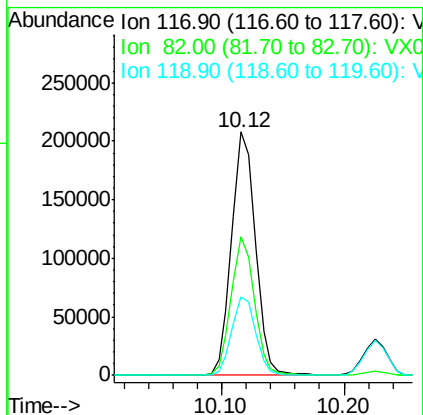
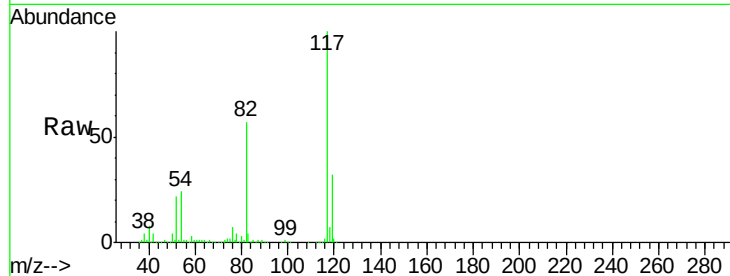




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002160.D
Acq: 31 May 2018 02:37

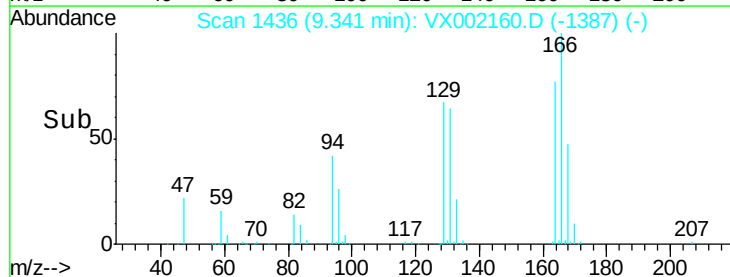
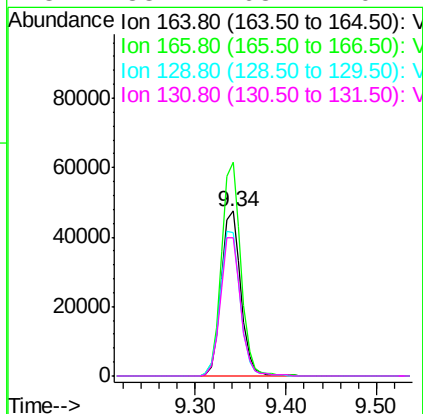
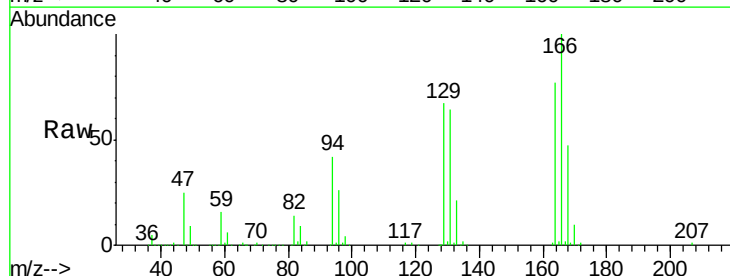
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS03

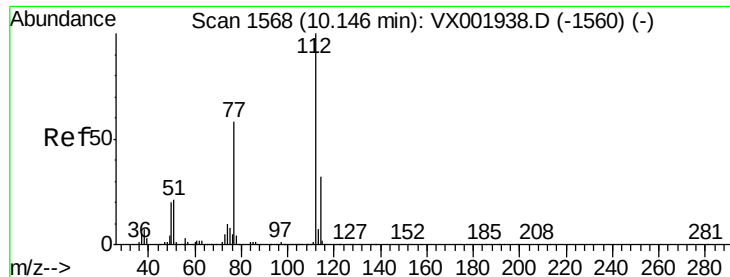
Tgt Ion:117 Resp: 281746
Ion Ratio Lower Upper
117 100
82 57.1 44.8 67.2
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 17.73 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002160.D
Acq: 31 May 2018 02:37

Tgt Ion:164 Resp: 71611
Ion Ratio Lower Upper
164 100
166 129.5 102.7 154.1
129 87.0 70.3 105.5
131 83.4 68.2 102.4





#65

Chlorobenzene

Concen: 18.90 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

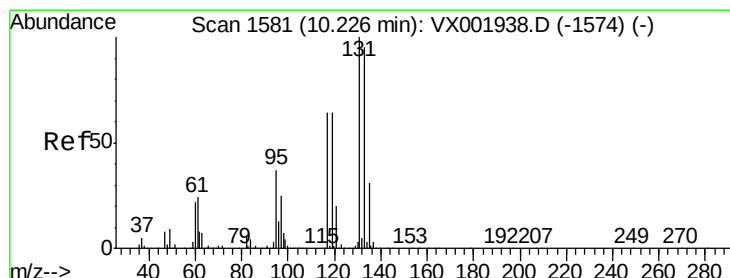
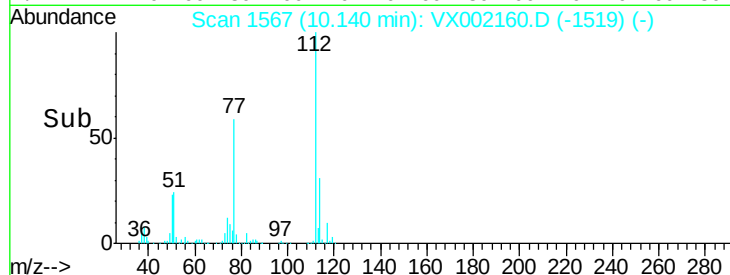
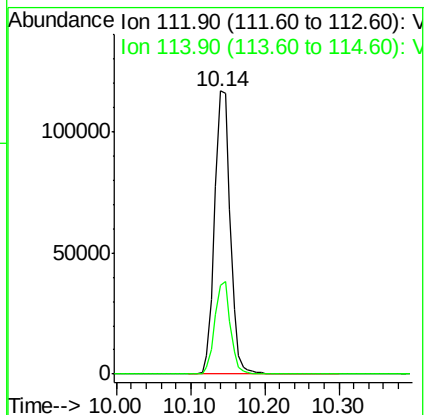
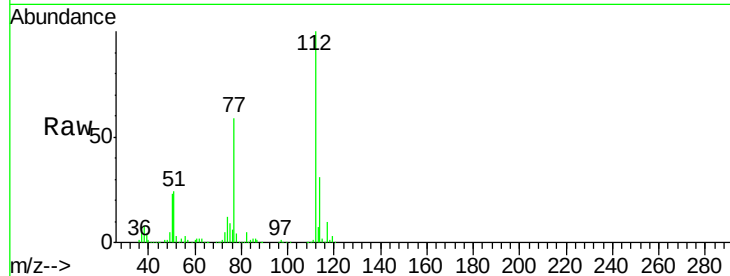
VX0530WBS03

Tgt Ion:112 Resp: 168716

Ion Ratio Lower Upper

112 100

114 31.3 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 17.45 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

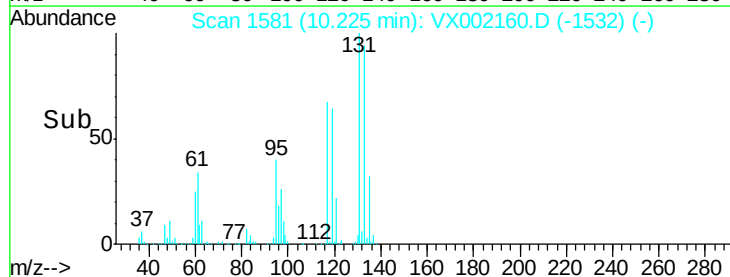
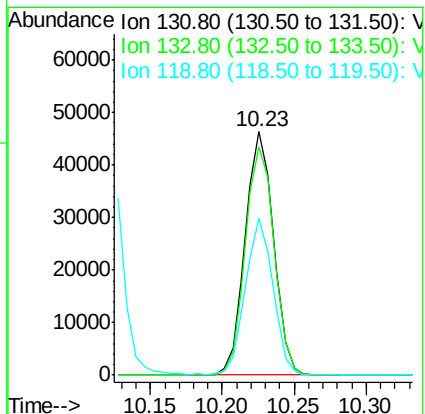
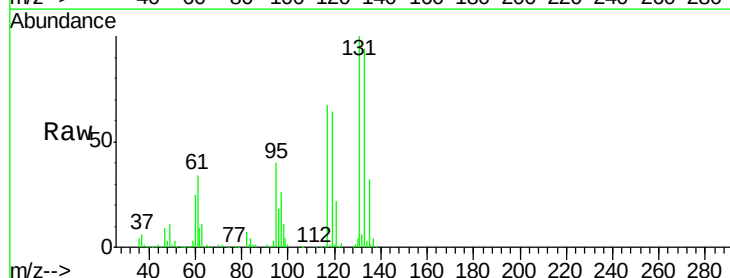
Tgt Ion:131 Resp: 62886

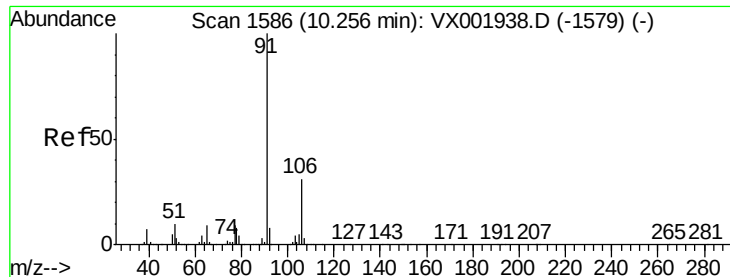
Ion Ratio Lower Upper

131 100

133 95.5 48.0 144.0

119 63.1 31.9 95.5





#67

Ethyl Benzene

Concen: 18.03 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

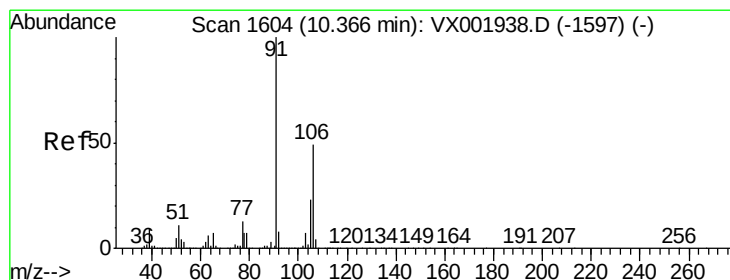
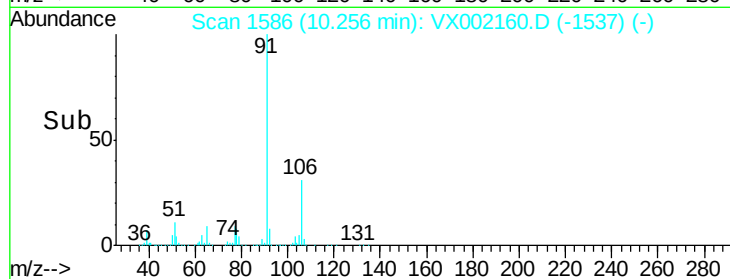
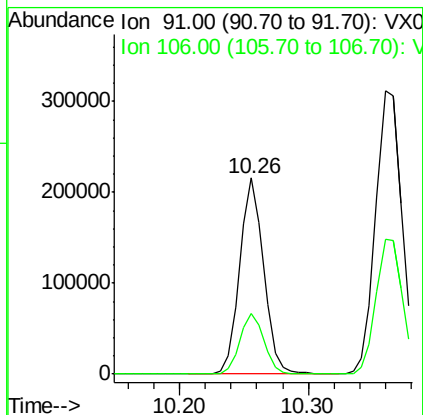
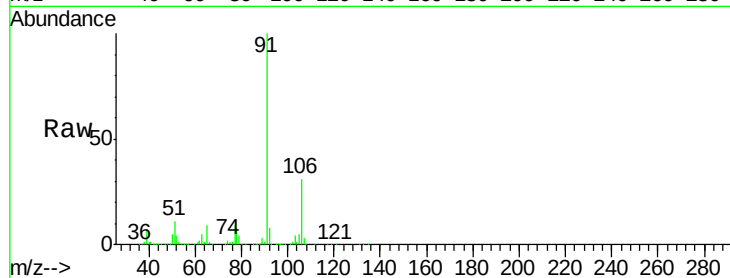
VX0530WBS03

Tgt Ion: 91 Resp: 279564

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.6



#68

m/p-Xylenes

Concen: 36.08 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002160.D

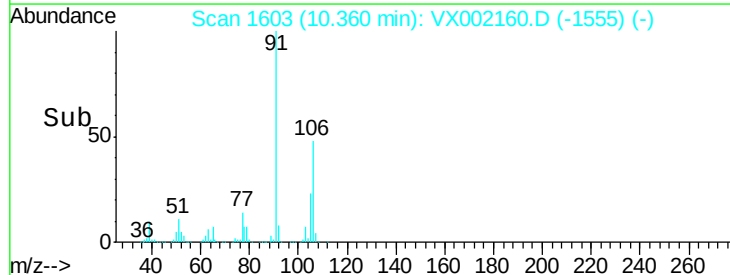
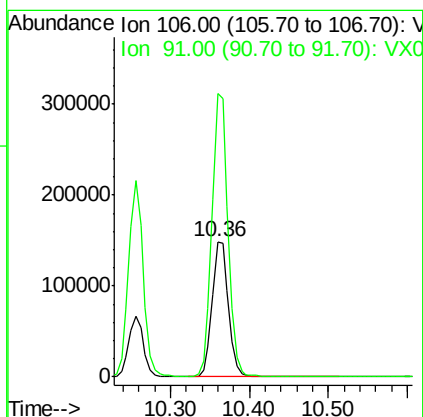
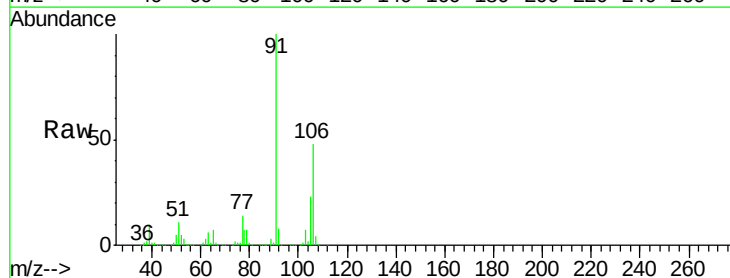
Acq: 31 May 2018 02:37

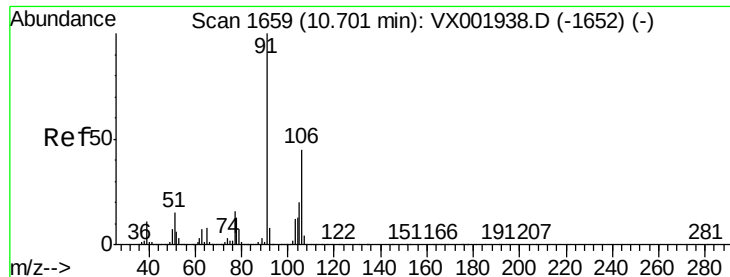
Tgt Ion: 106 Resp: 213929

Ion Ratio Lower Upper

106 100

91 206.9 165.0 247.6

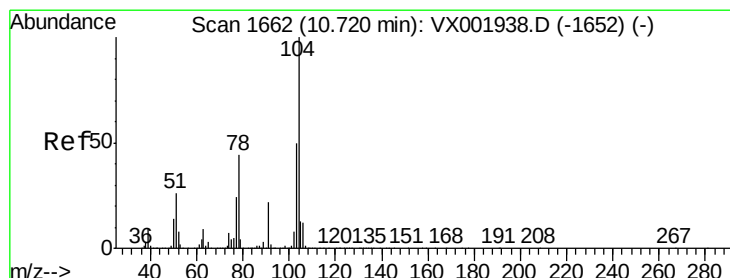
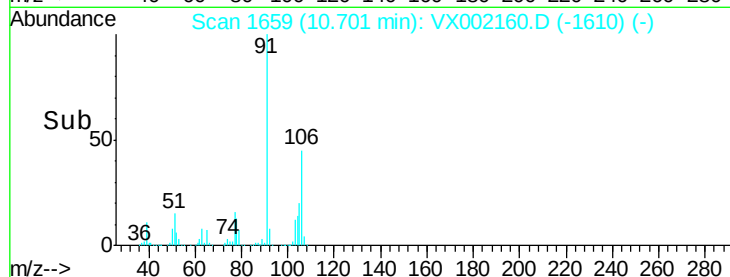
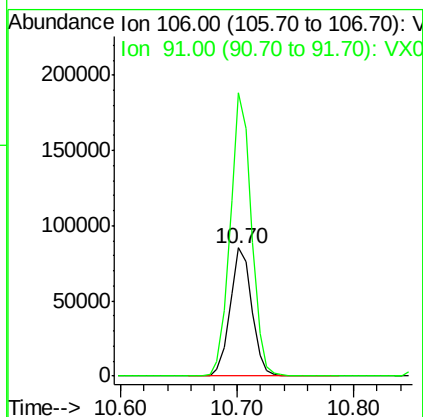
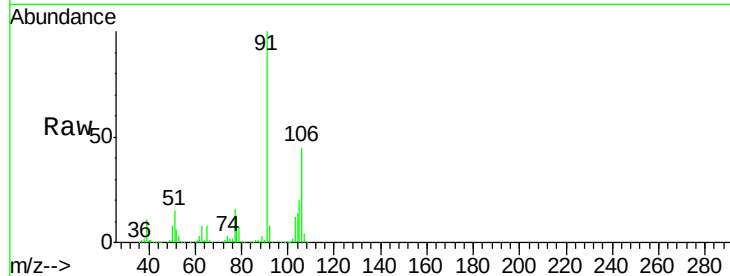




#69
o-Xylene
Concen: 18.74 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002160.D
Acq: 31 May 2018 02:37

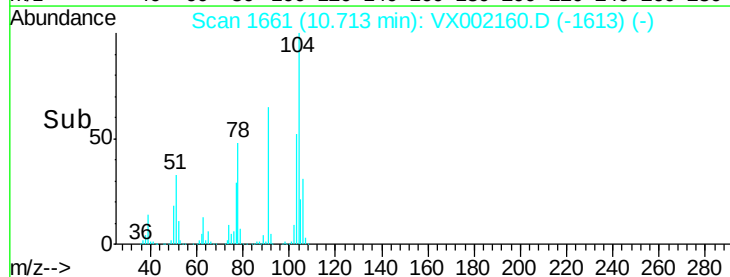
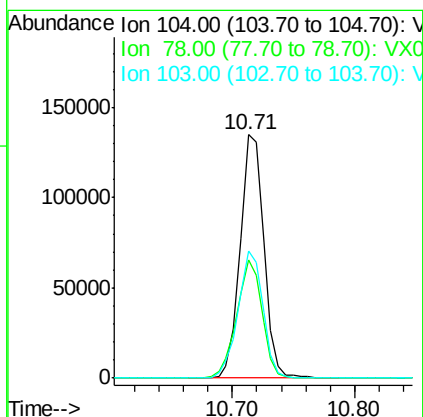
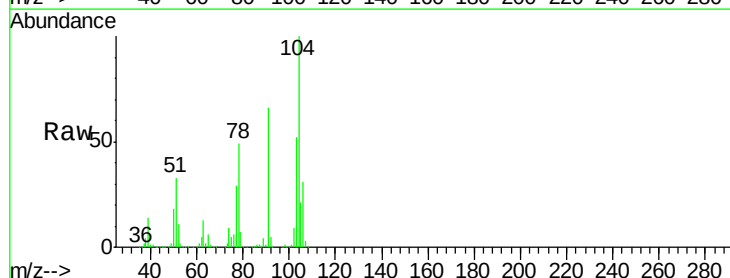
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS03

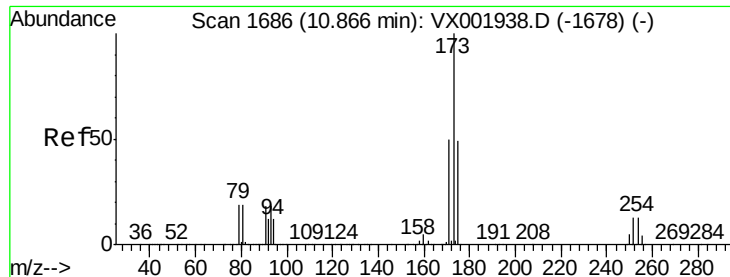
Tgt Ion:106 Resp: 110923
Ion Ratio Lower Upper
106 100
91 216.1 108.7 325.9



#70
Styrene
Concen: 18.39 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002160.D
Acq: 31 May 2018 02:37

Tgt Ion:104 Resp: 180523
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.6
103 55.4 44.6 67.0





#71

Bromoform

Concen: 13.61 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS03

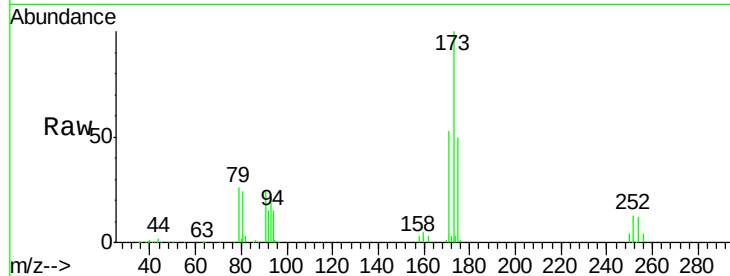
Tgt Ion:173 Resp: 46520

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.9

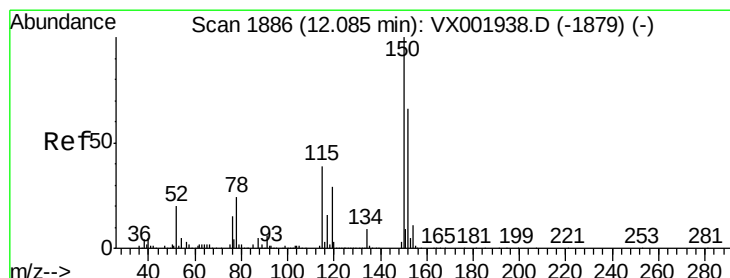
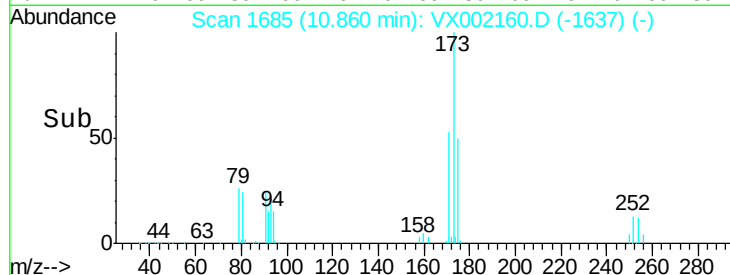
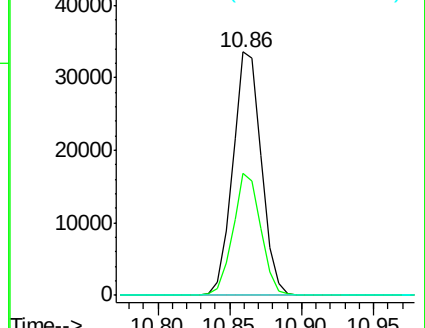
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

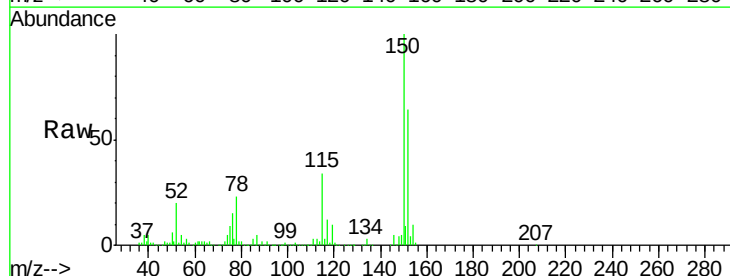
Tgt Ion:152 Resp: 178342

Ion Ratio Lower Upper

152 100

115 66.2 42.3 126.8

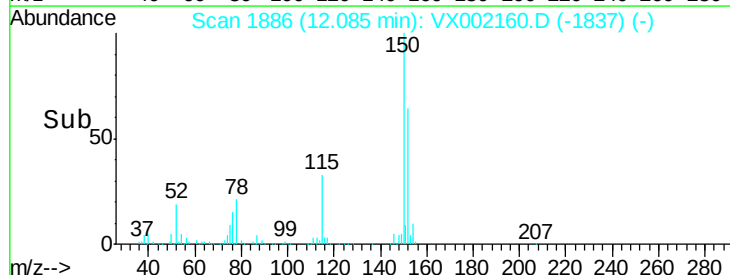
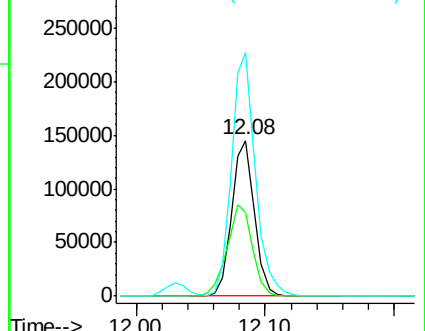
150 165.2 0.0 351.0

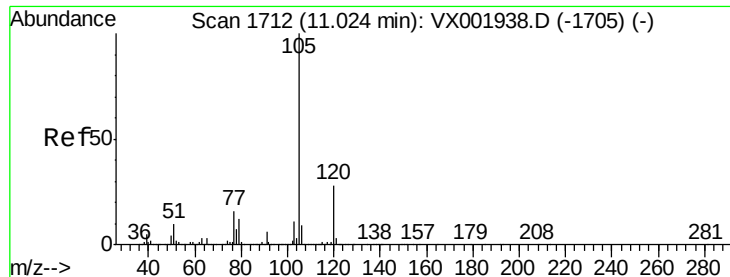


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.24 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

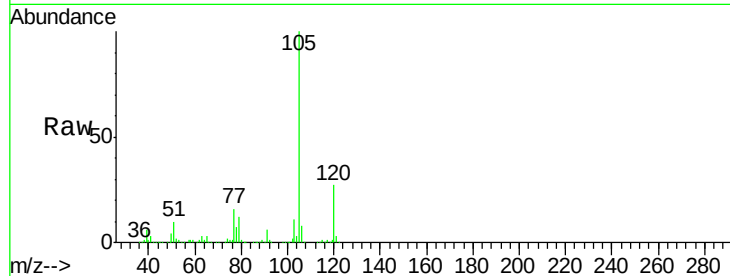
VX0530WBS03

Tgt Ion:105 Resp: 275420

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

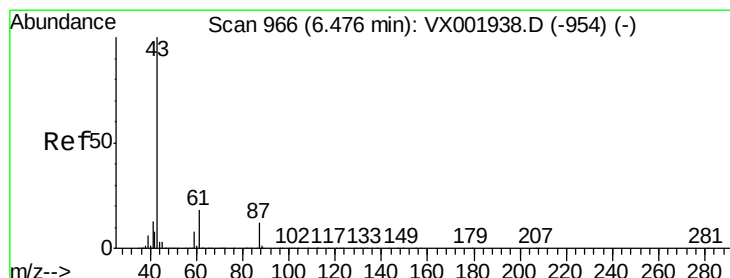
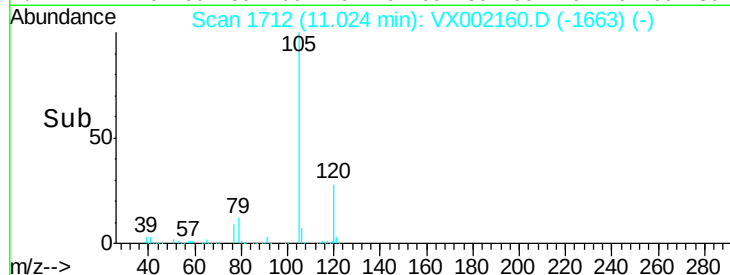
100000

50000

0

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 19.85 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Tgt Ion: 43 Resp: 170444

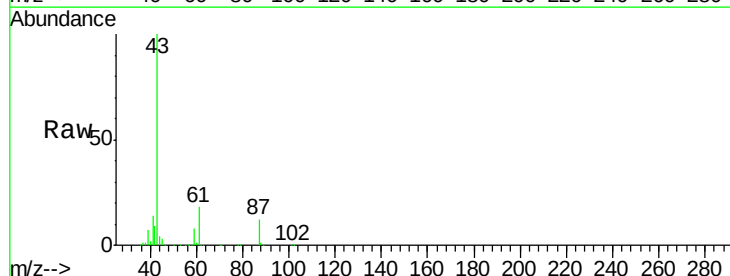
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1#

61 17.9 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

100000

80000

60000

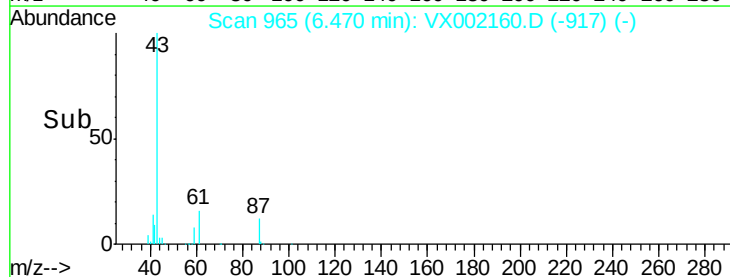
40000

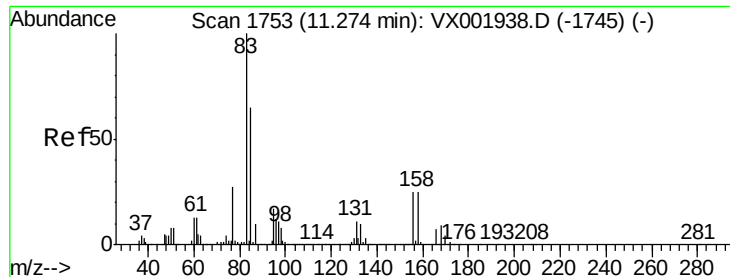
20000

0

6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.59 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS03

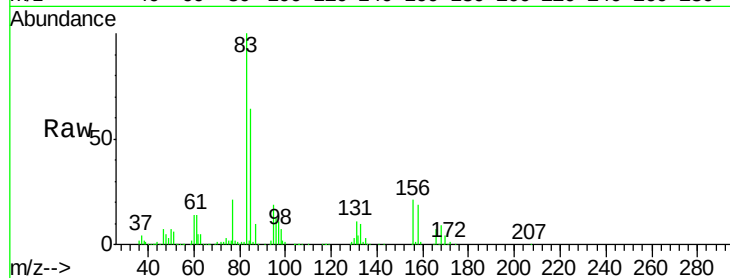
Tgt Ion: 83 Resp: 92137

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.0

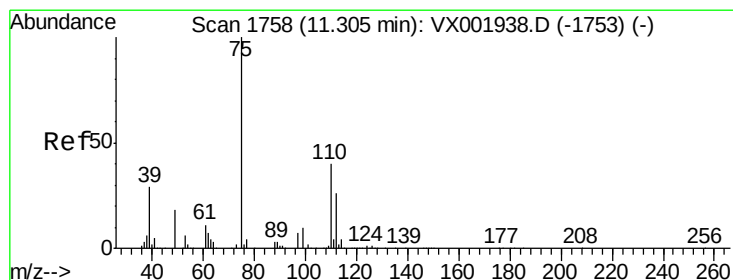
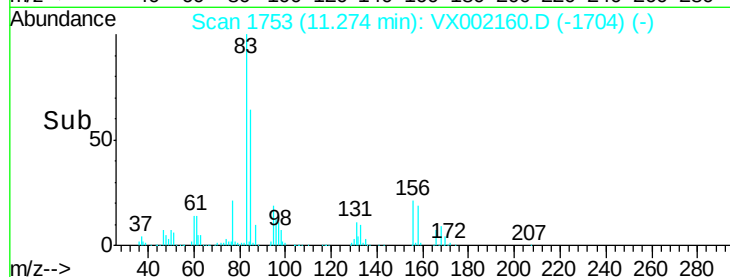
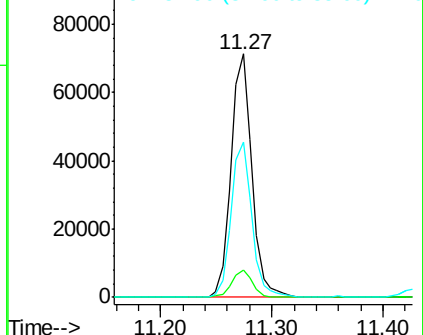
85 63.4 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.48 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002160.D

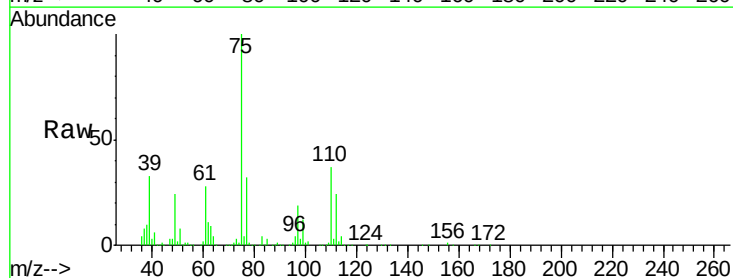
Acq: 31 May 2018 02:37

Tgt Ion: 75 Resp: 109161

Ion Ratio Lower Upper

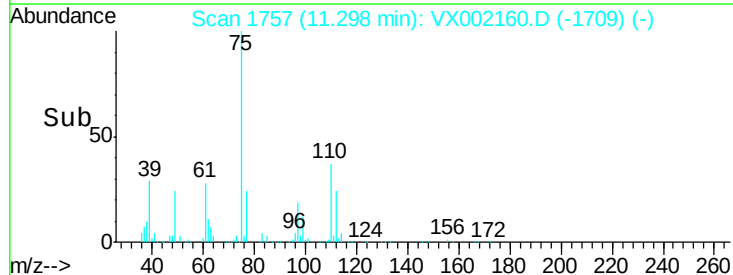
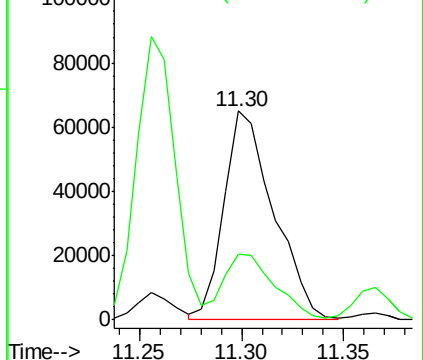
75 100

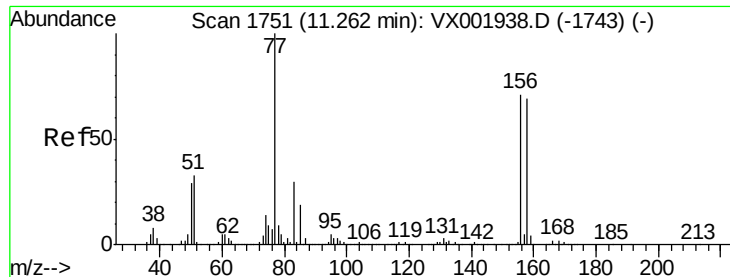
77 33.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.08 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS03

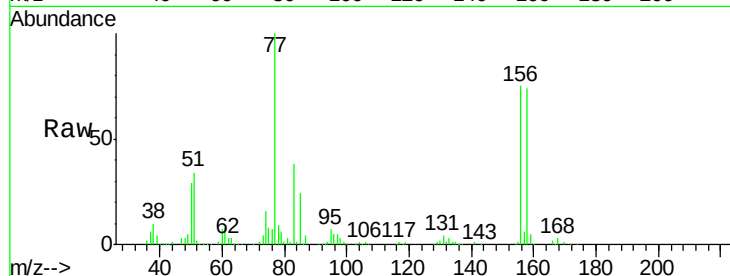
Tgt Ion:156 Resp: 80472

Ion Ratio Lower Upper

156 100

77 144.5 75.2 225.6

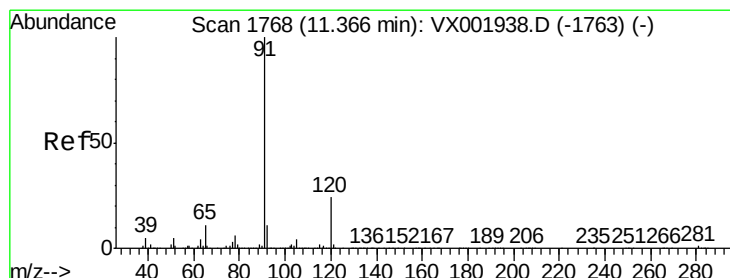
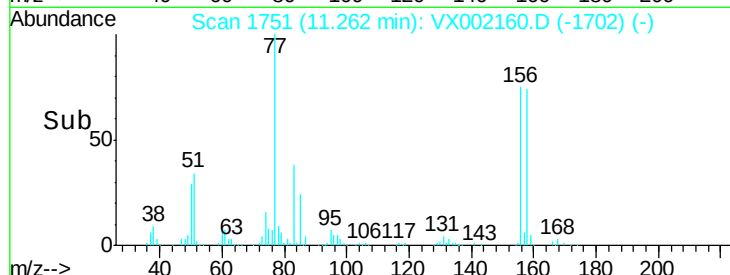
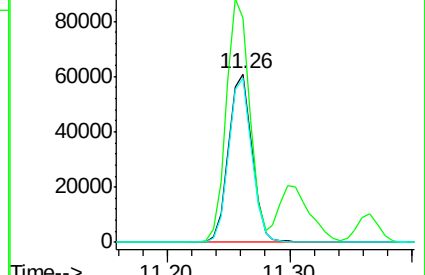
158 96.0 48.6 145.8



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: 17.87 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002160.D

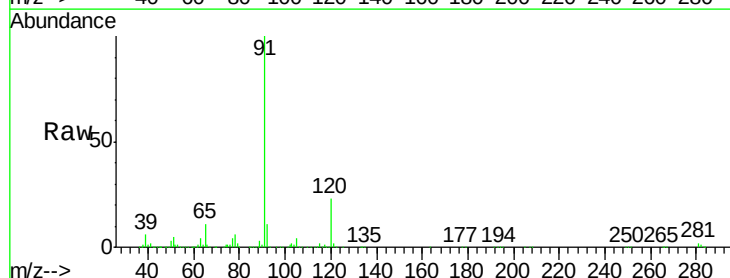
Acq: 31 May 2018 02:37

Tgt Ion: 91 Resp: 302324

Ion Ratio Lower Upper

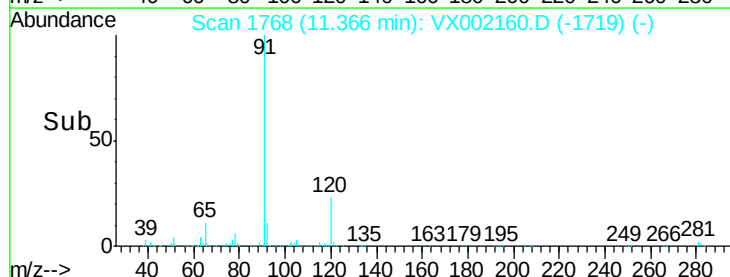
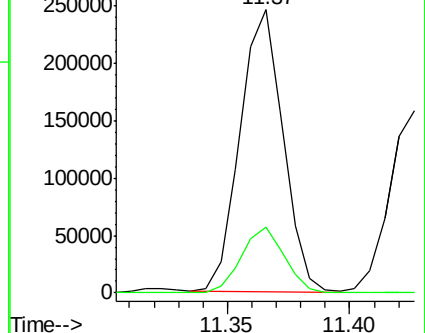
91 100

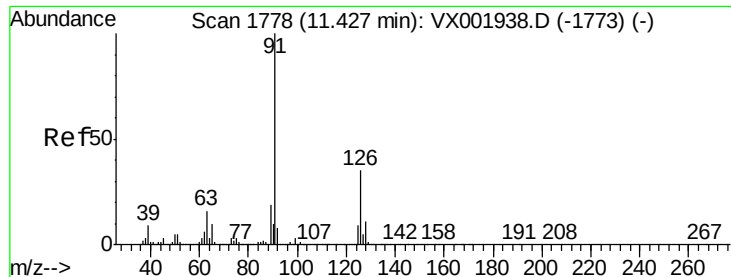
120 23.4 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.91 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampled :

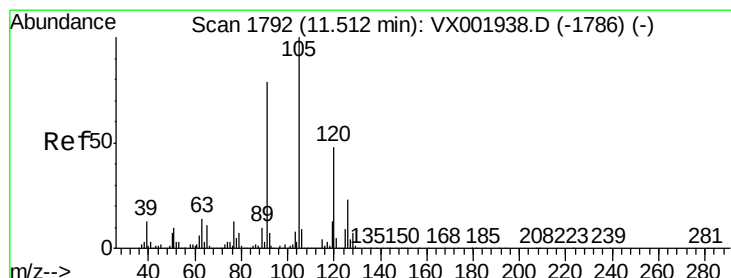
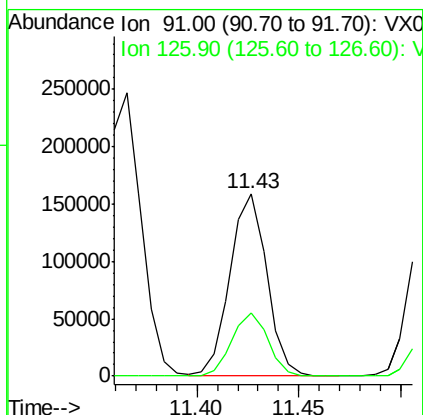
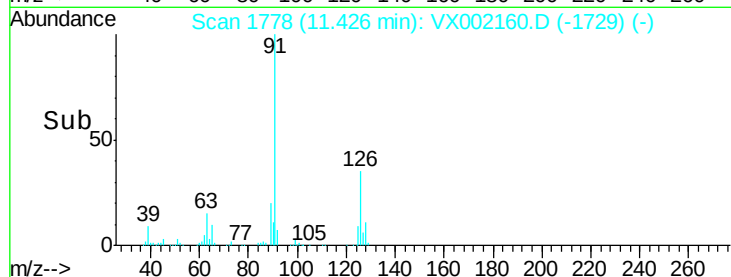
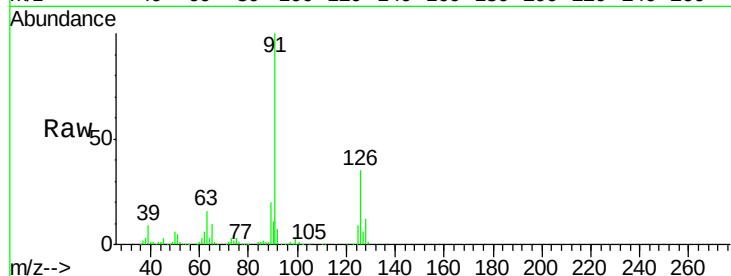
VX0530WBS03

Tgt Ion: 91 Resp: 197580

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 18.19 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002160.D

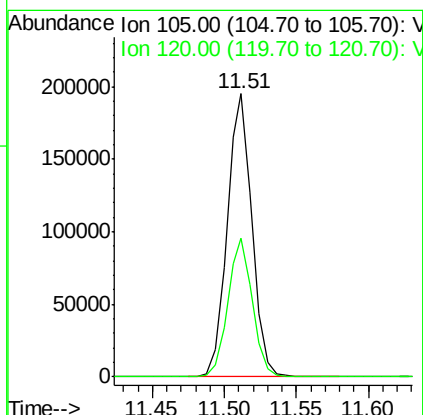
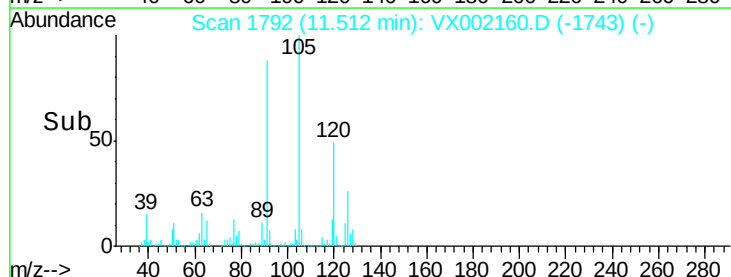
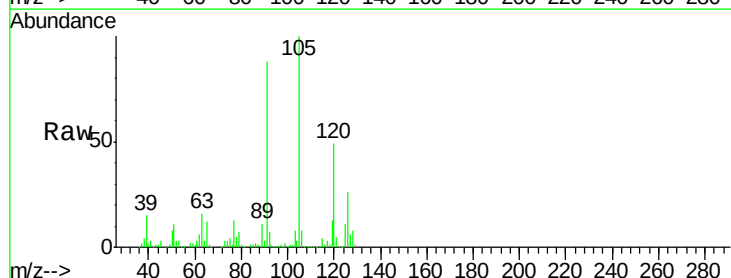
Acq: 31 May 2018 02:37

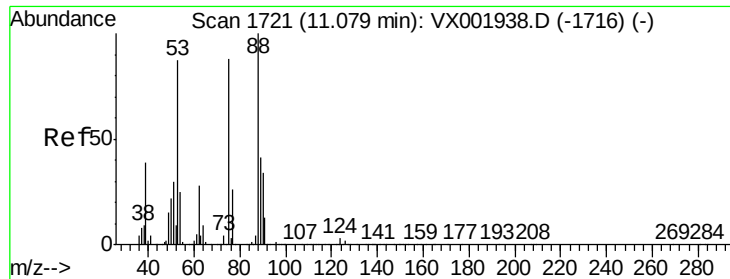
Tgt Ion: 105 Resp: 234806

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 12.80 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampled :

VX0530WBS03

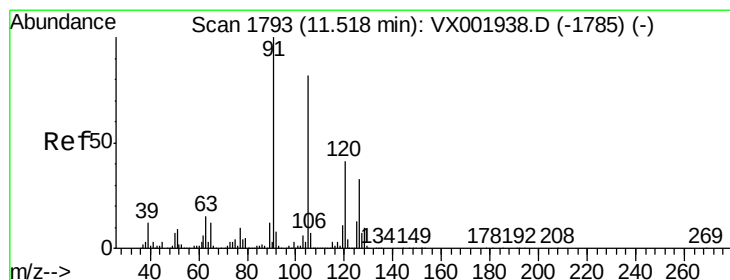
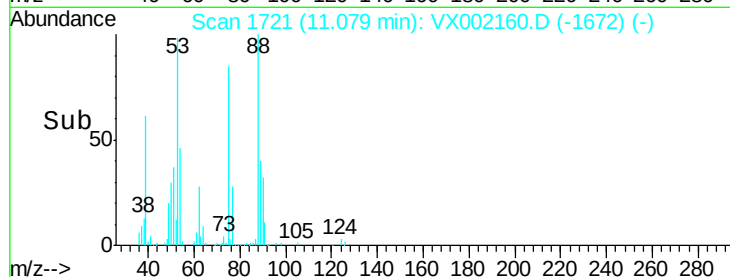
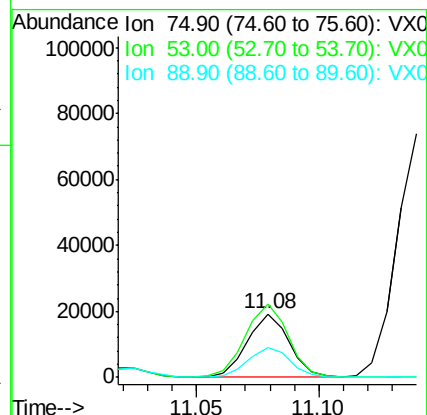
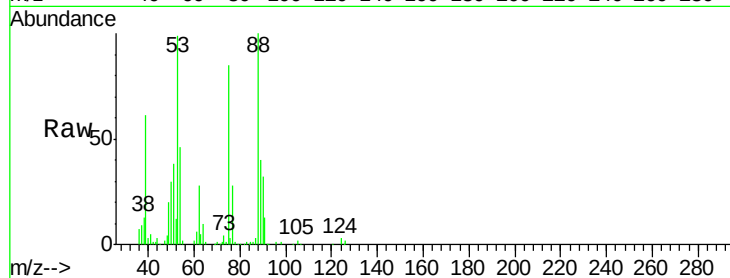
Tgt Ion: 75 Resp: 22820

Ion Ratio Lower Upper

75 100

53 120.1 78.0 117.0#

89 47.5 39.4 59.2



#82

4-Chlorotoluene

Concen: 18.82 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX002160.D

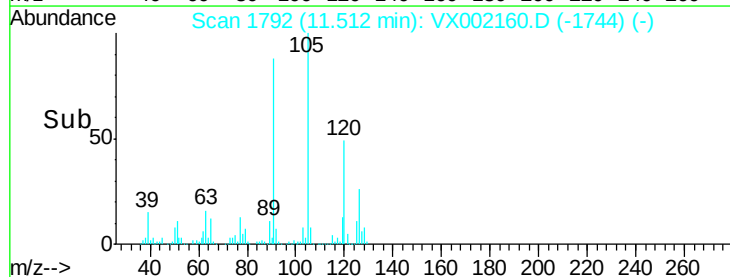
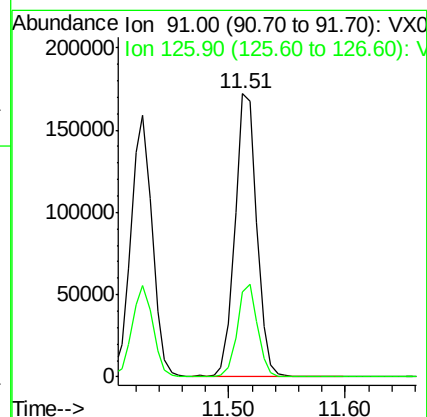
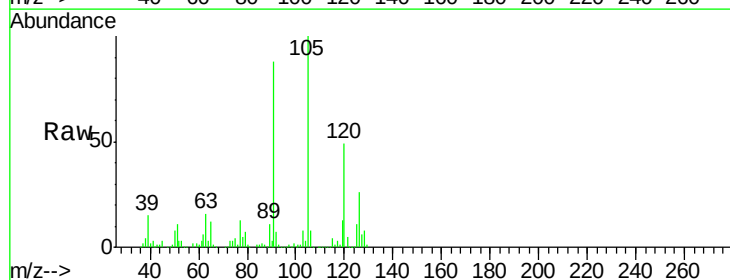
Acq: 31 May 2018 02:37

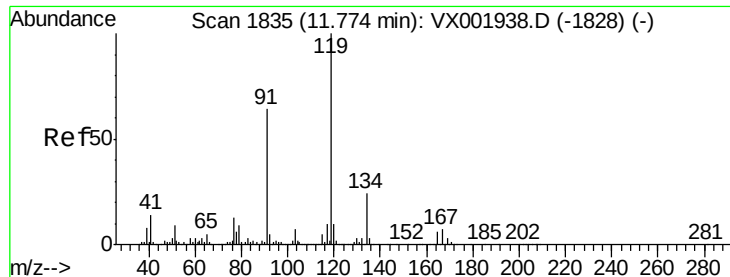
Tgt Ion: 91 Resp: 224532

Ion Ratio Lower Upper

91 100

126 30.5 15.3 45.8

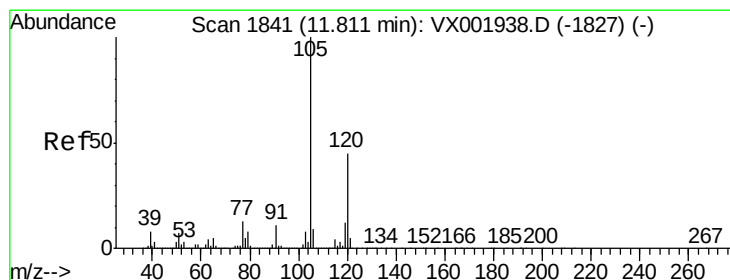
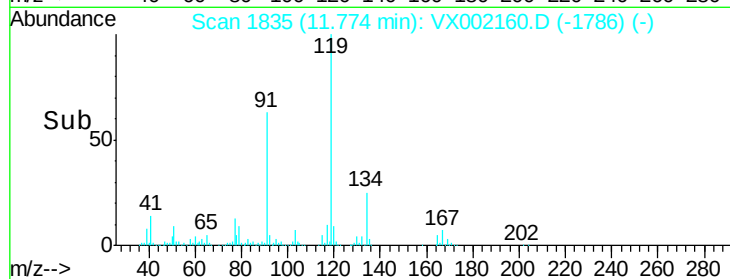
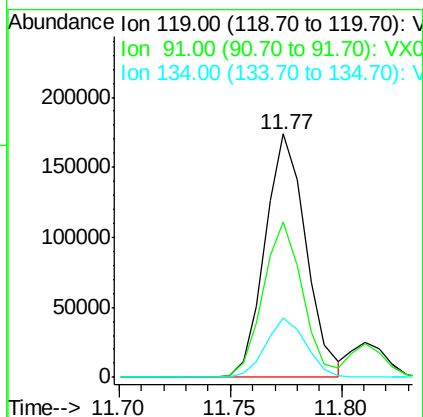
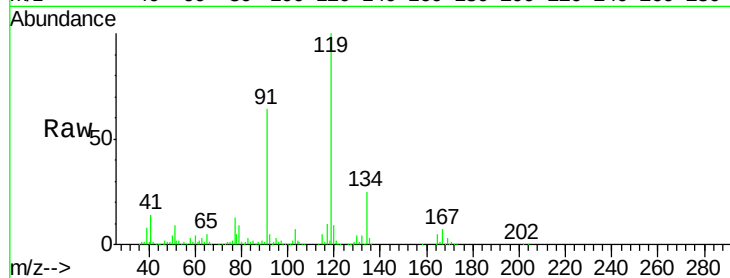




#83
 tert-Butylbenzene
 Concen: 17.52 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

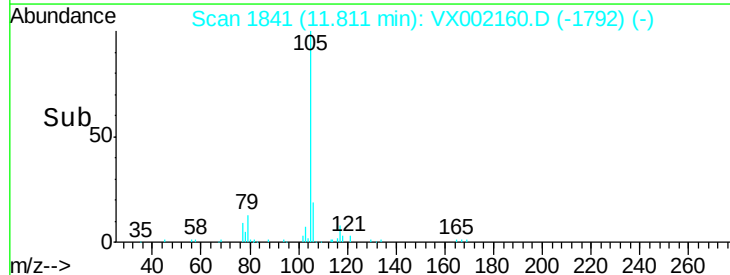
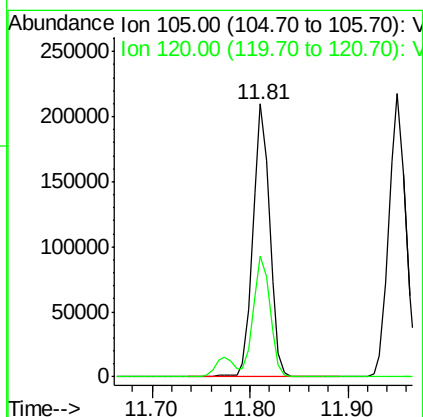
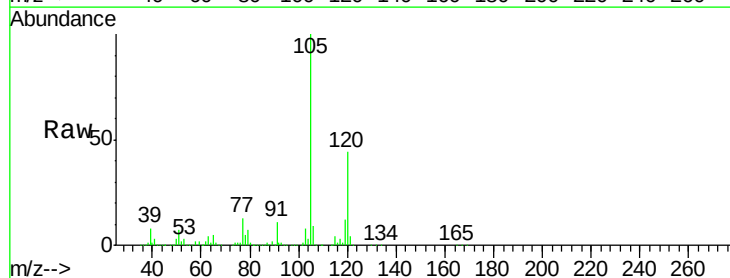
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS03

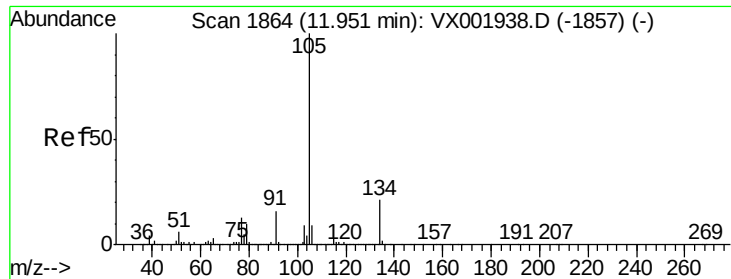
Tgt Ion	Ratio	Lower	Upper
119	100		
91	62.1	30.6	91.8
134	24.2	11.7	35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.73 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.5





#85

sec-Butylbenzene

Concen: 17.09 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

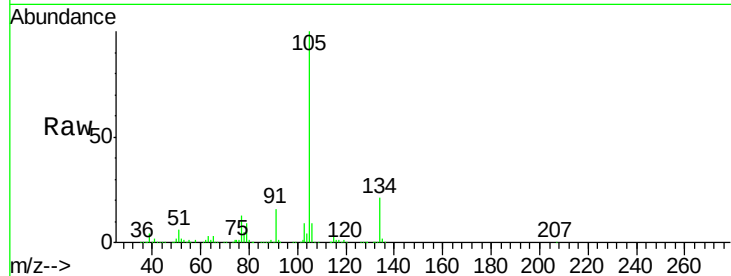
VX0530WBS03

Tgt Ion:105 Resp: 260184

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

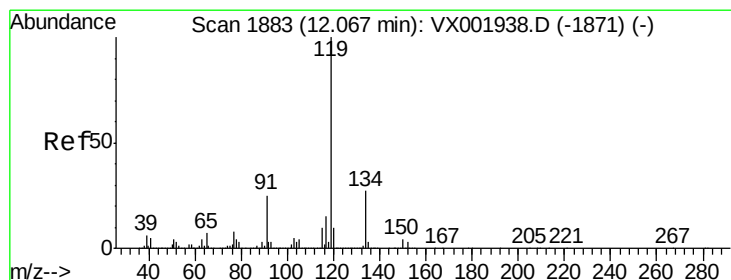
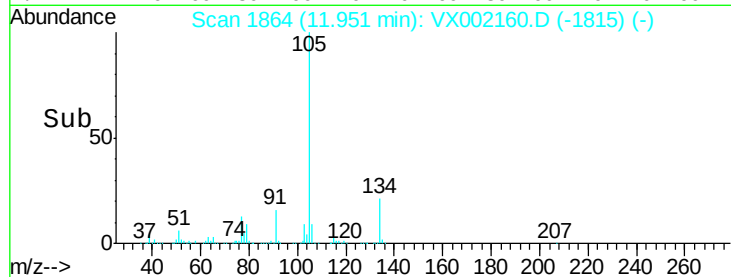
50000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 17.37 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

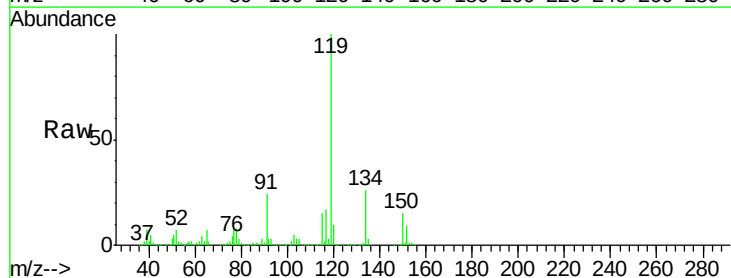
Tgt Ion:119 Resp: 236631

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.8

91 24.1 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

100000

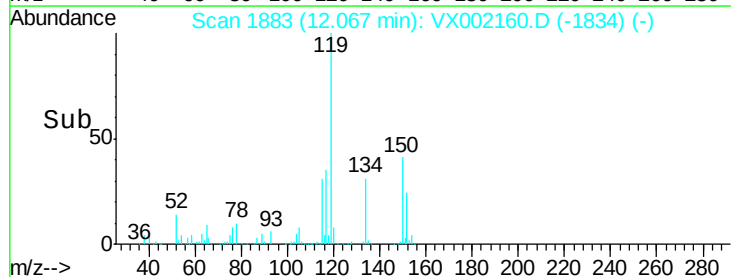
50000

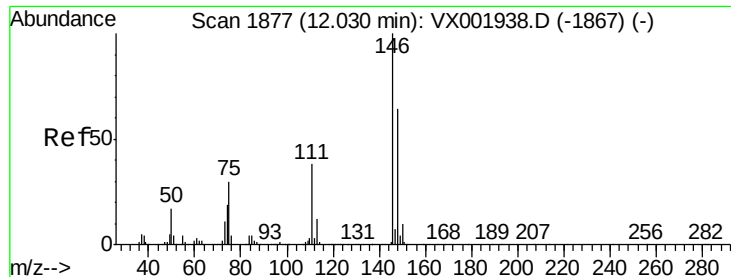
0

12.00

12.10

Time-->

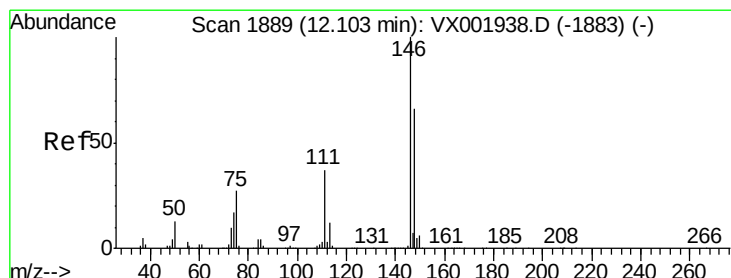
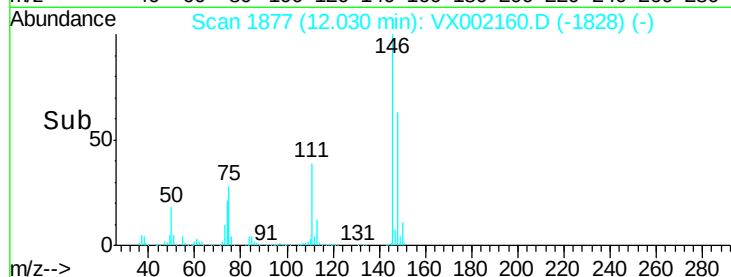
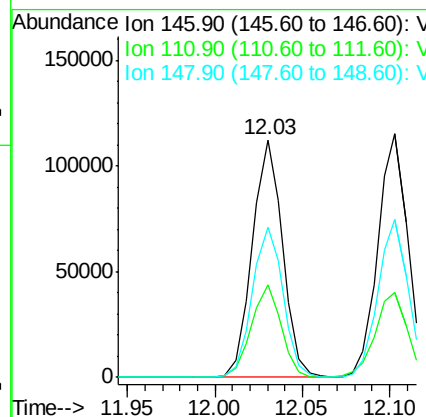
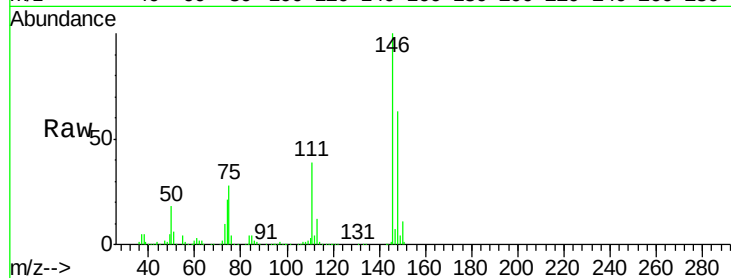




#87
 1,3-Dichlorobenzene
 Concen: 18.88 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

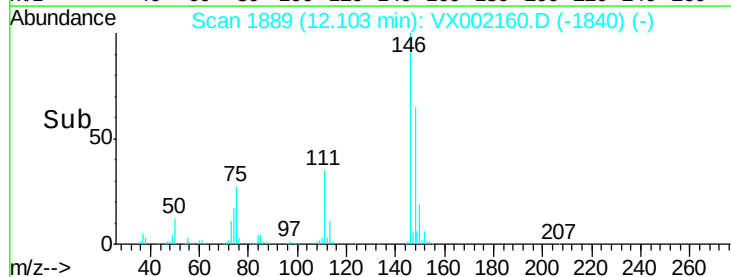
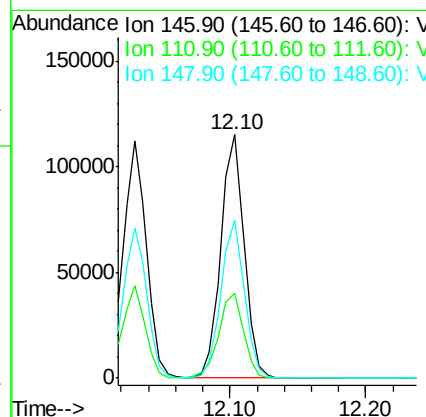
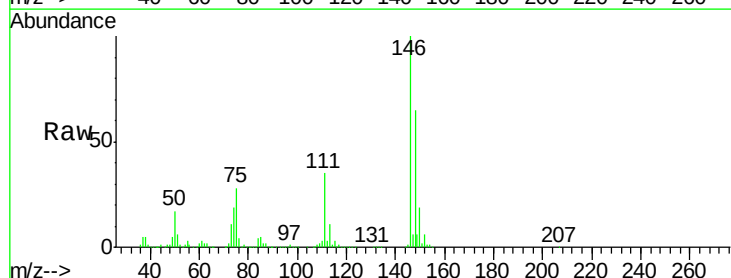
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS03

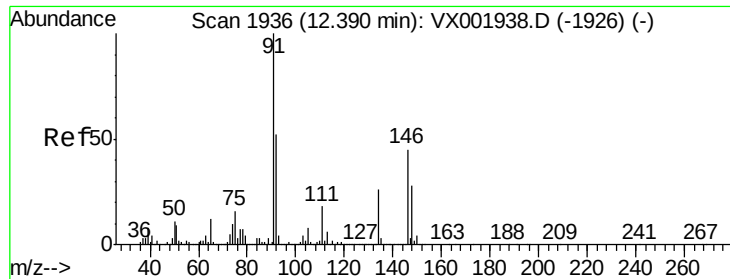
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.8
148	64.5	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.18 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.5
148	65.4	32.3	96.8

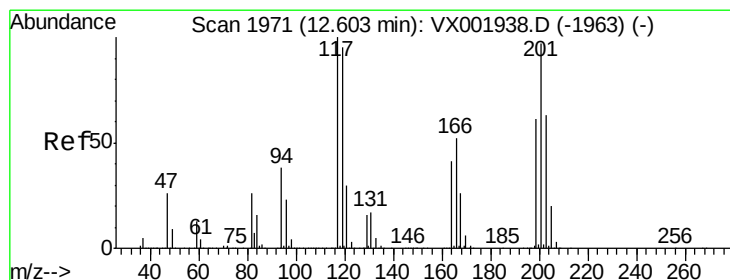
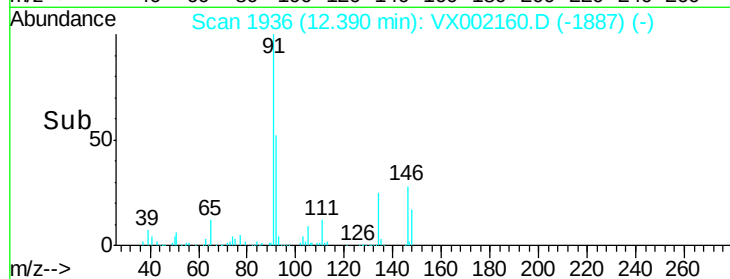
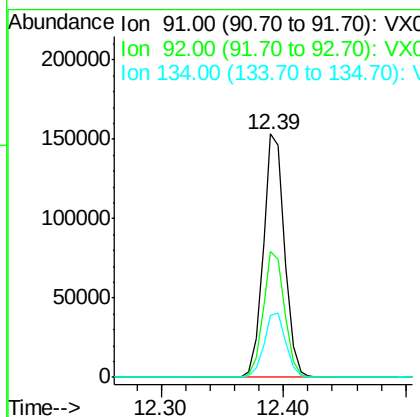
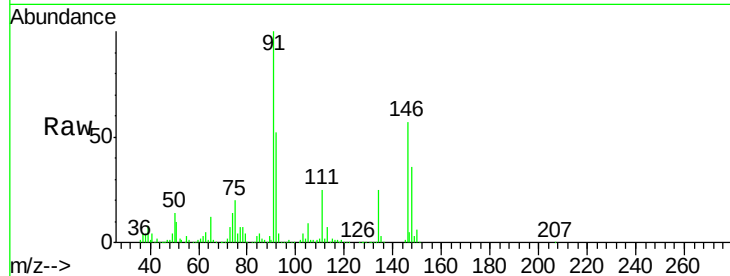




#89
n-Butylbenzene
Concen: 16.07 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002160.D
Acq: 31 May 2018 02:37

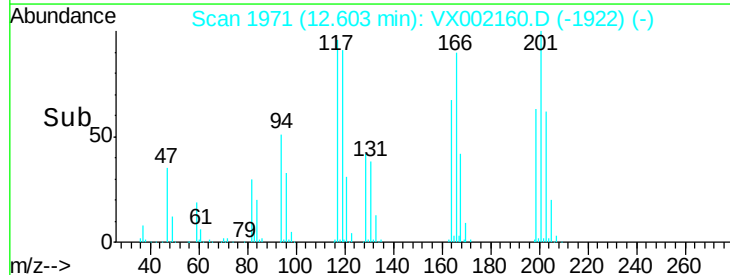
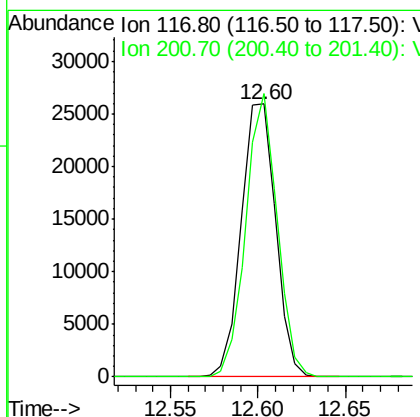
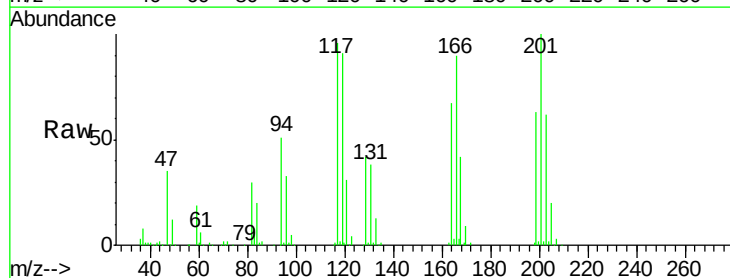
Instrument :
MSVOA_X
ClientSampleId :
VX0530WBS03

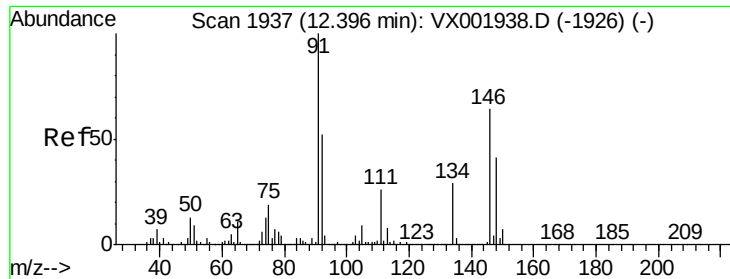
Tgt Ion: 91 Resp: 185549
Ion Ratio Lower Upper
91 100
92 52.0 26.3 78.9
134 26.9 13.6 40.7



#90
Hexachloroethane
Concen: 13.31 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002160.D
Acq: 31 May 2018 02:37

Tgt Ion: 117 Resp: 35764
Ion Ratio Lower Upper
117 100
201 94.2 48.0 144.0

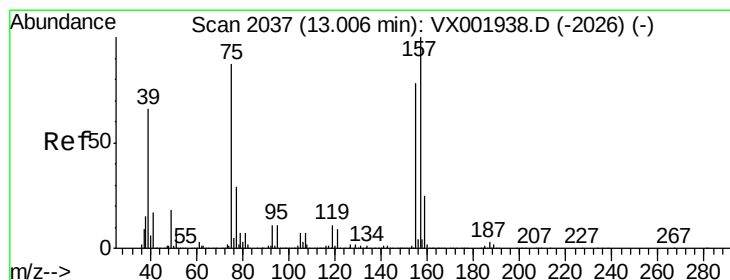
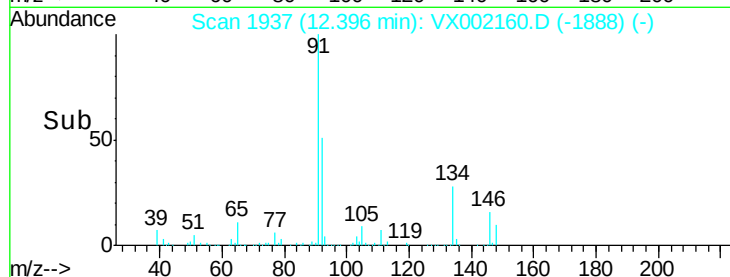
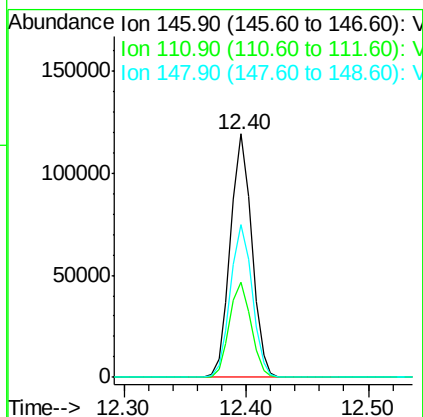
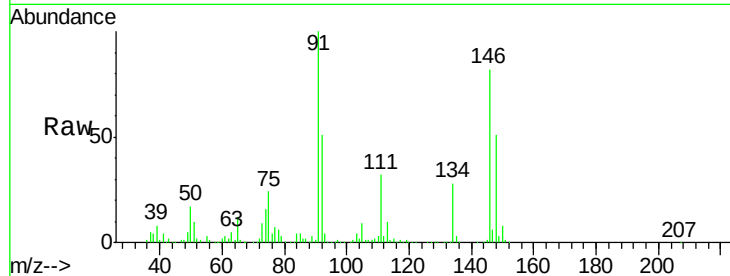




#91
 1,2-Dichlorobenzene
 Concen: 19.69 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

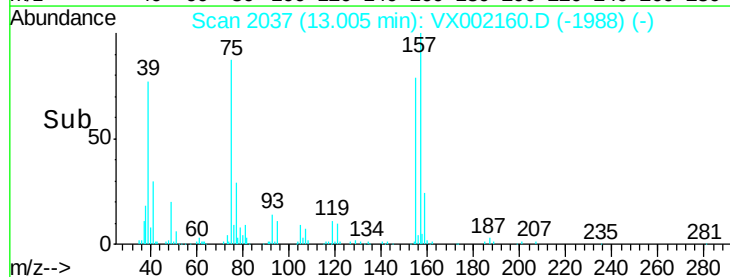
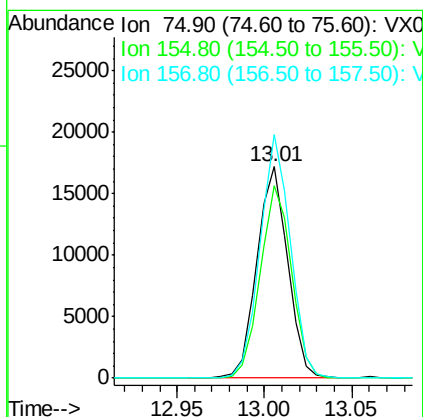
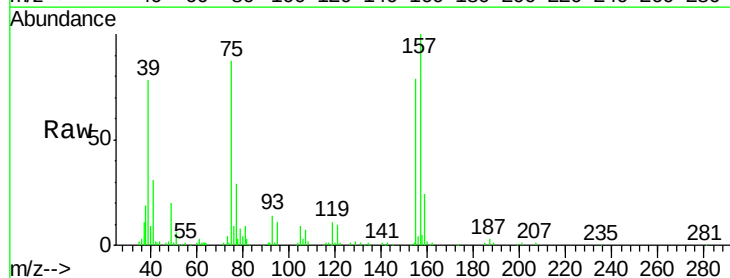
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS03

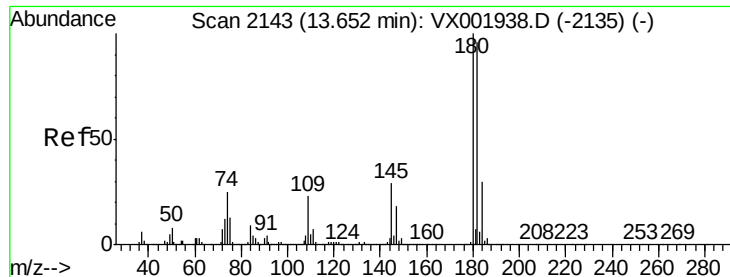
Tgt Ion:146 Resp: 143983
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.8 59.3
 148 63.8 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.69 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

Tgt Ion: 75 Resp: 21065
 Ion Ratio Lower Upper
 75 100
 155 92.2 45.1 135.2
 157 113.2 58.1 174.2

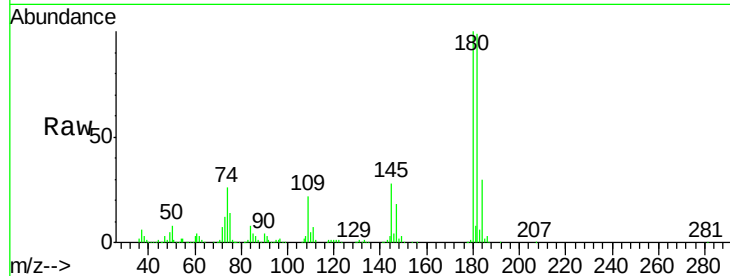




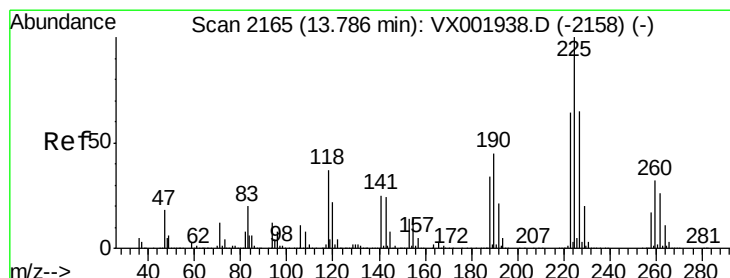
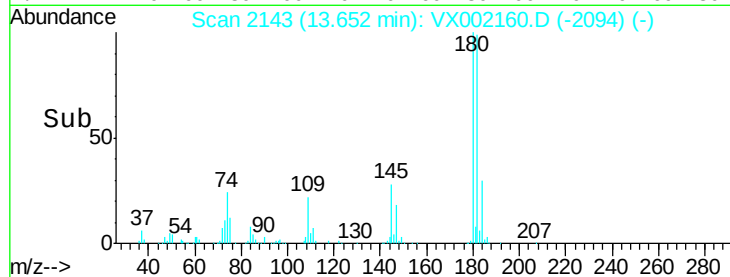
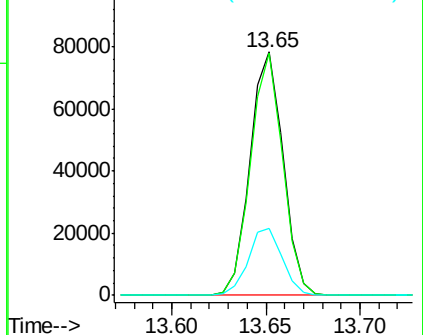
#93
 1,2,4-Trichlorobenzene
 Concen: 18.22 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0530WBS03

Tgt Ion:180 Resp: 95232
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.7 143.1
 145 28.5 14.4 43.0

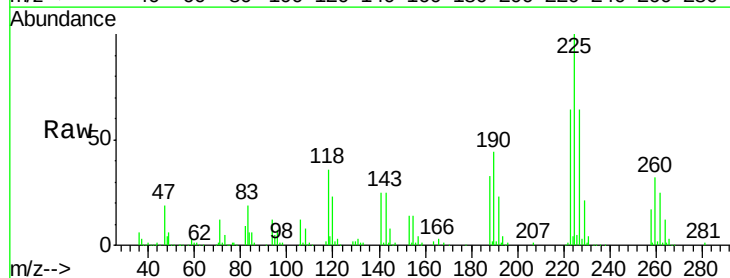


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

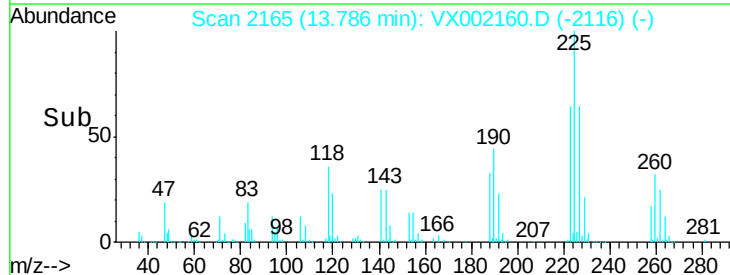
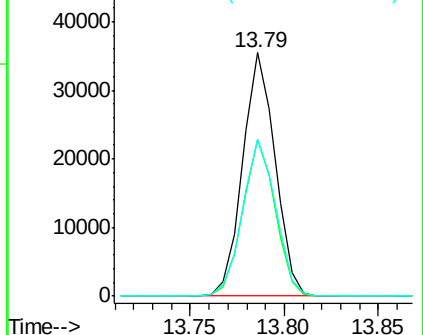


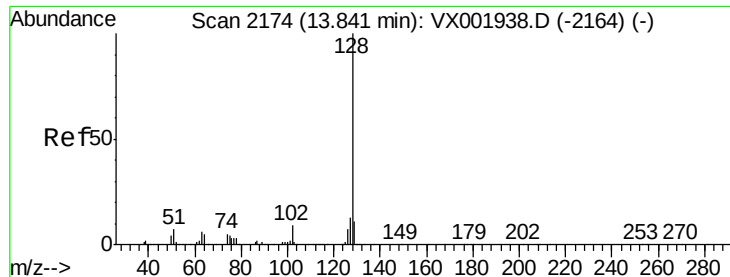
#94
 Hexachlorobutadiene
 Concen: 15.12 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002160.D
 Acq: 31 May 2018 02:37

Tgt Ion:225 Resp: 42527
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.1 93.5
 227 65.6 32.1 96.5



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





#95

Naphthalene

Concen: 19.63 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

Instrument :

MSVOA_X

ClientSampleId :

VX0530WBS03

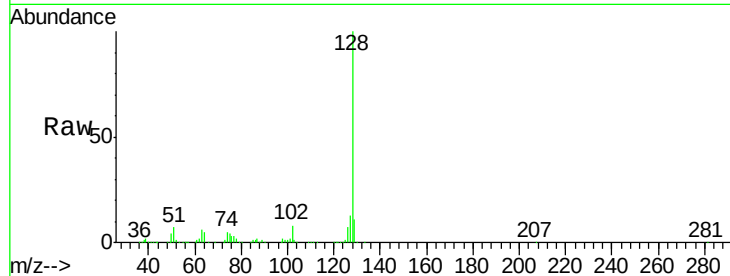
Tgt Ion:128 Resp: 316250

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

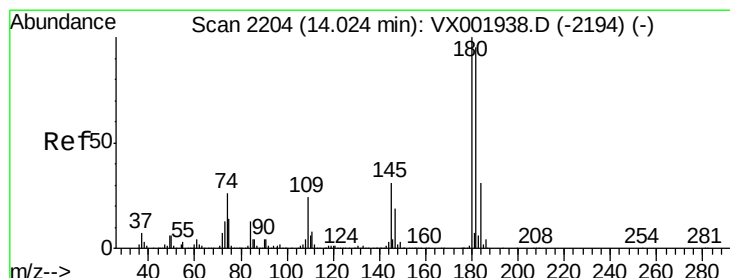
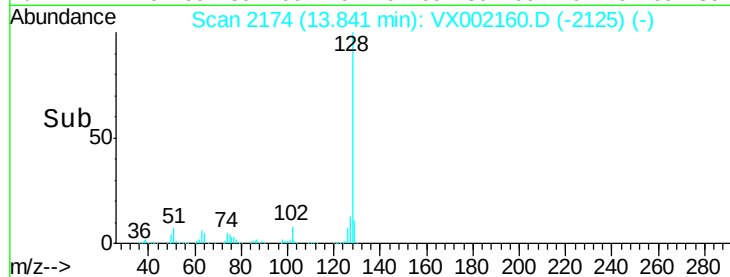
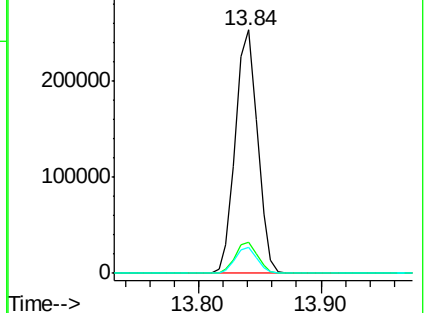
129 10.7 8.8 13.2



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: 18.89 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002160.D

Acq: 31 May 2018 02:37

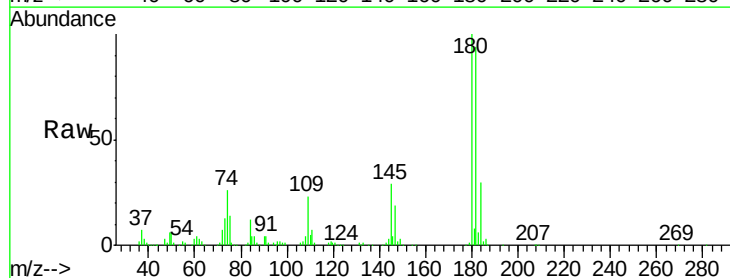
Tgt Ion:180 Resp: 102168

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.6

145 30.1 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

