

Data File : VX001713.D

Acq On : 14 May 2018 16:57

Operator : JC/MD

Sample : VSTDIC001

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: May 15 01:02:51 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:02:23 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	347726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	451329	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	395565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	258933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	5403	1.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.20%	
35) Dibromofluoromethane	5.51	113	4265	1.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.16%	
50) Toluene-d8	8.72	98	13370	0.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.84%	
62) 4-Bromofluorobenzene	11.14	95	5133	0.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	3727	0.84	ug/l	96
3) Chloromethane	1.32	50	4380	0.99	ug/l	98
4) Vinyl Chloride	1.40	62	4414	0.95	ug/l	92
5) Bromomethane	1.65	94	3118	1.15	ug/l	96
6) Chloroethane	1.73	64	2809	0.92	ug/l	97
7) Trichlorofluoromethane	1.94	101	6598	0.95	ug/l	95
8) Diethyl Ether	2.19	74	2554	0.93	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	4145	1.01	ug/l	99
10) Methyl Iodide	2.51	142	4044	0.74	ug/l	93
11) Tert butyl alcohol	3.06	59	4788	4.76	ug/l #	83
12) 1,1-Dichloroethene	2.38	96	3941	1.05	ug/l	98
13) Acrolein	2.29	56	3171	10.10	ug/l	98
14) Allyl chloride	2.73	41	6958	0.99	ug/l	96
15) Acrylonitrile	3.15	53	10819	4.64	ug/l	97
16) Acetone	2.45	43	10582	4.81	ug/l	100
17) Carbon Disulfide	2.57	76	11228	1.17	ug/l	98
18) Methyl Acetate	2.78	43	5278	0.89	ug/l #	88
19) Methyl tert-butyl Ether	3.20	73	12209	0.93	ug/l	95
20) Methylene Chloride	2.86	84	4748	1.08	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	4700	1.11	ug/l	93
22) Diisopropyl ether	3.87	45	13129	0.99	ug/l #	86
23) Vinyl Acetate	3.83	43	50024	4.69	ug/l	98
24) 1,1-Dichloroethane	3.70	63	7545	1.03	ug/l	95
25) 2-Butanone	4.71	43	13688	4.26	ug/l	97
26) 2,2-Dichloropropane	4.59	77	5881	1.03	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	5014	1.10	ug/l	99
28) Bromochloromethane	5.02	49	3145	0.97	ug/l #	97
29) Tetrahydrofuran	5.17	42	9216	4.47	ug/l	97
30) Chloroform	5.22	83	7556	0.99	ug/l	93
31) Cyclohexane	5.58	56	6040	0.95	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	6107	0.92	ug/l #	51
36) 1,1-Dichloropropene	5.80	75	6059	1.07	ug/l	96
37) Ethyl Acetate	4.87	43	5560	0.90	ug/l	99
38) Carbon Tetrachloride	5.78	117	5793	0.97	ug/l	85

Data File : VX001713.D

Acq On : 14 May 2018 16:57

Operator : JC/MD

Sample : VSTDIC001

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Quant Time: May 15 01:02:51 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:02:23 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	6315	0.94	ug/l	98
40) Benzene	6.15	78	16354	0.99	ug/l	98
41) Methacrylonitrile	5.06	41	3279	0.93	ug/l	92
42) 1,2-Dichloroethane	6.20	62	5898	0.94	ug/l	99
43) Isopropyl Acetate	6.47	43	7976	0.84	ug/l	99
44) Trichloroethene	7.21	130	5320	1.05	ug/l	88
45) 1,2-Dichloropropane	7.52	63	3822	0.93	ug/l	89
46) Dibromomethane	7.67	93	2894	1.00	ug/l	96
47) Bromodichloromethane	7.90	83	4752	0.88	ug/l	93
48) Methyl methacrylate	7.79	41	4081	0.79	ug/l	97
49) 1,4-Dioxane	7.76	88	1537	14.16	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	22606	3.61	ug/l	99
52) Toluene	8.79	92	9624	0.89	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	5026	0.82	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	4604	0.84	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	4076	0.95	ug/l	92
56) Ethyl methacrylate	9.18	69	4464	0.72	ug/l	93
57) 1,3-Dichloropropane	9.38	76	6683	0.94	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	11994	3.91	ug/l	93
59) 2-Hexanone	9.50	43	16191	3.42	ug/l	96
60) Dibromochloromethane	9.59	129	3516	0.80	ug/l	94
61) 1,2-Dibromoethane	9.68	107	3946	0.87	ug/l	99
64) Tetrachloroethene	9.34	164	5920	1.09	ug/l	96
65) Chlorobenzene	10.14	112	11939	1.04	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	3734	0.91	ug/l #	64
67) Ethyl Benzene	10.26	91	17722	0.94	ug/l	99
68) m/p-Xylenes	10.37	106	13443	1.81	ug/l	99
69) o-Xylene	10.70	106	6214	0.86	ug/l	95
70) Styrene	10.71	104	9783	0.84	ug/l	98
71) Bromoform	10.86	173	2550	0.76	ug/l #	96
73) Isopropylbenzene	11.02	105	16884	0.94	ug/l	100
74) N-amyl acetate	6.47	43	7976	0.97	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	5313	1.01	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	5471	1.04	ug/l	96
77) Bromobenzene	11.26	156	5305	1.02	ug/l	97
78) n-propylbenzene	11.37	91	19746	1.01	ug/l	97
79) 2-Chlorotoluene	11.43	91	11935	1.00	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	12844	0.86	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	1063	0.77	ug/l #	67
82) 4-Chlorotoluene	11.52	91	14068	1.02	ug/l	98
83) tert-Butylbenzene	11.77	119	13250	0.90	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	13336	0.87	ug/l	99
85) sec-Butylbenzene	11.95	105	16872	0.95	ug/l	99
86) p-Isopropyltoluene	12.07	119	15388	0.95	ug/l	93
87) 1,3-Dichlorobenzene	12.03	146	10288	1.10	ug/l	98
88) 1,4-Dichlorobenzene	12.03	146	10288	1.08	ug/l	97
89) n-Butylbenzene	12.40	91	14424	1.06	ug/l	98
90) Hexachloroethane	12.60	117	2149	0.87	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	10265	1.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	933	0.81	ug/l	92

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051518\
Quantitation Report (Not Reviewed)

Data File : VX001713.D
Acq On : 14 May 2018 16:57
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: May 15 01:02:51 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:02:23 2018
Response via : Initial Calibration

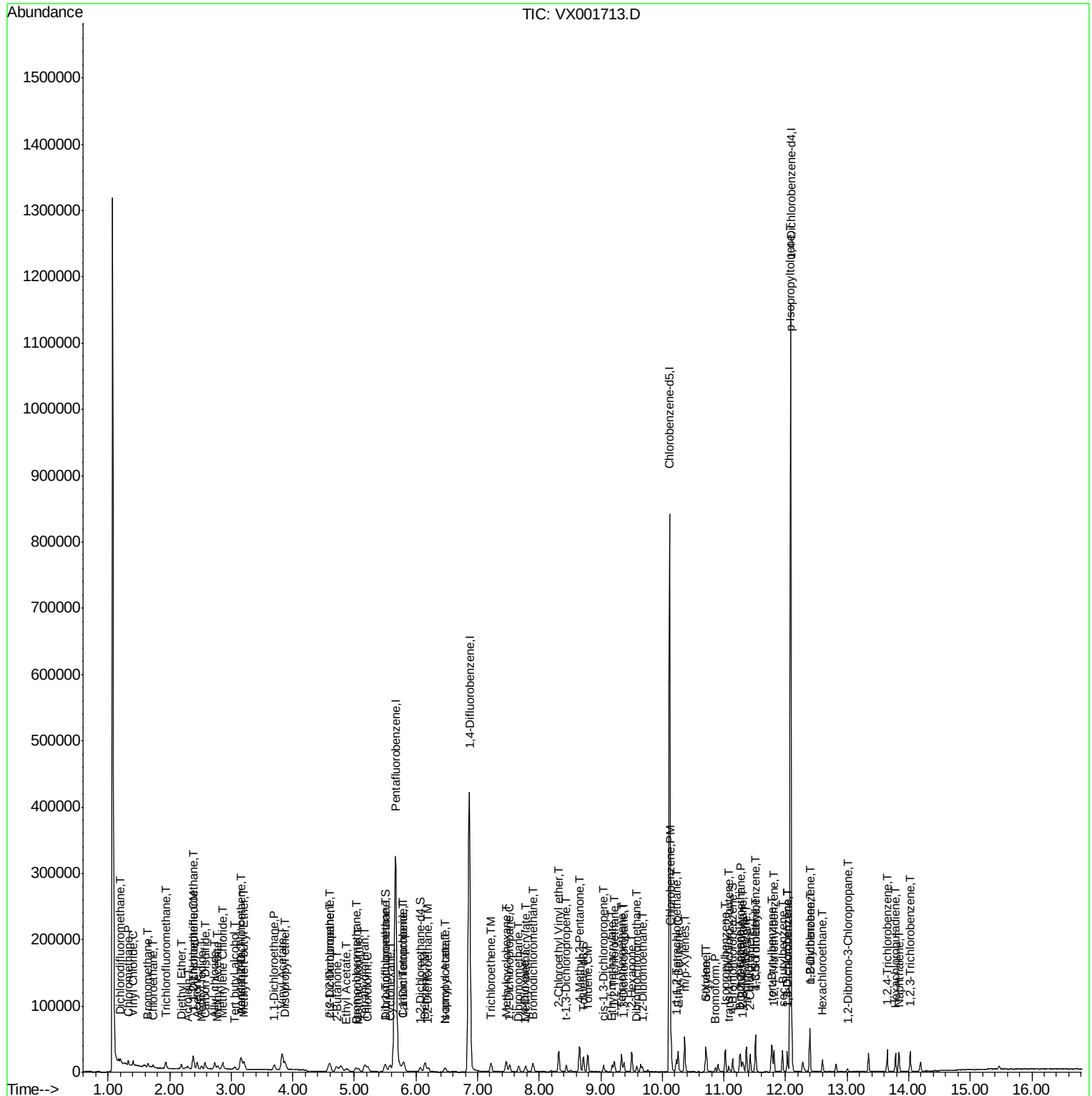
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	8341	1.19	ug/l	96
94) Hexachlorobutadiene	13.79	225	4575	1.20	ug/l	98
95) Naphthalene	13.84	128	18563	0.97	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	8545	1.20	ug/l	97

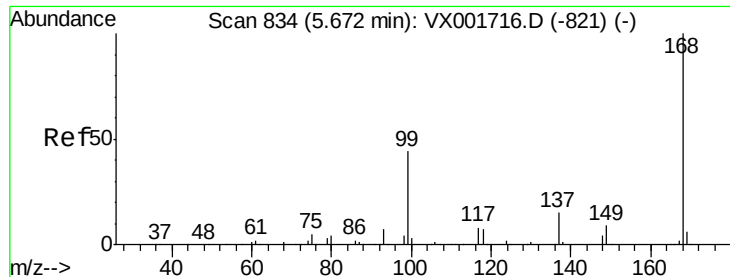
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 9 Sample Multiplier: 1

VSTDICC001

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

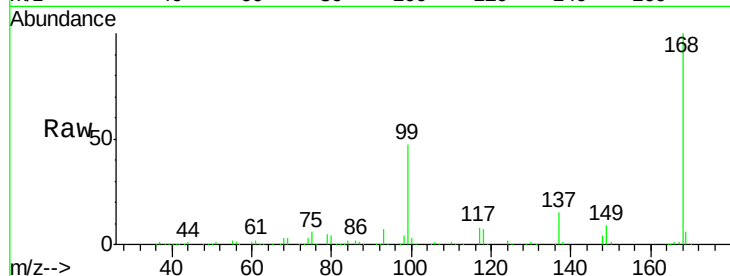
VSTDIC001

Tgt Ion:168 Resp: 347726

Ion Ratio Lower Upper

168 100

99 46.8 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

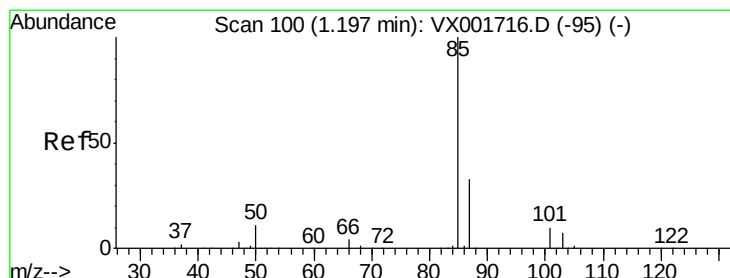
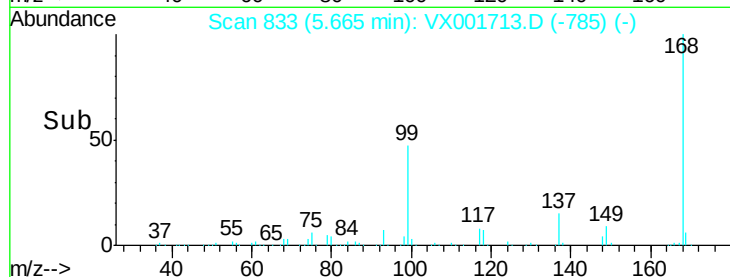
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.84 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001713.D

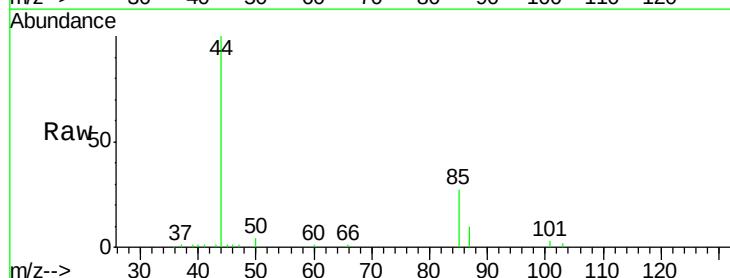
Acq: 14 May 2018 16:57

Tgt Ion: 85 Resp: 3727

Ion Ratio Lower Upper

85 100

87 35.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

4000

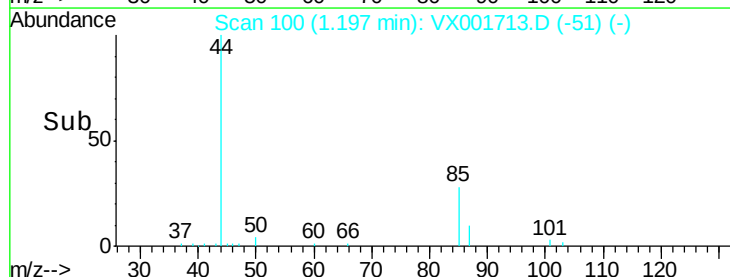
3000

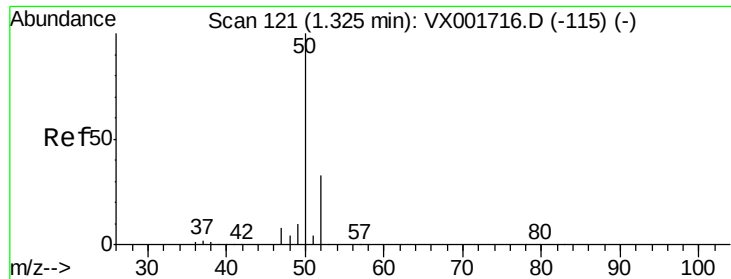
2000

1000

0

Time--> 1.15 1.20 1.25

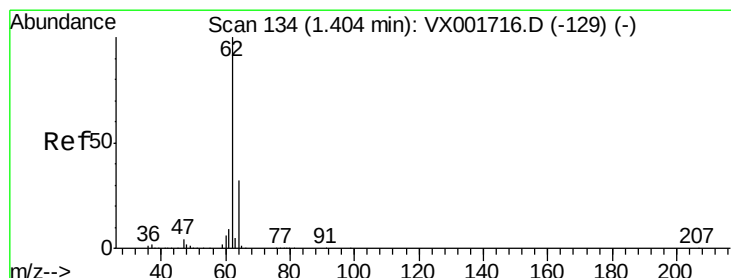
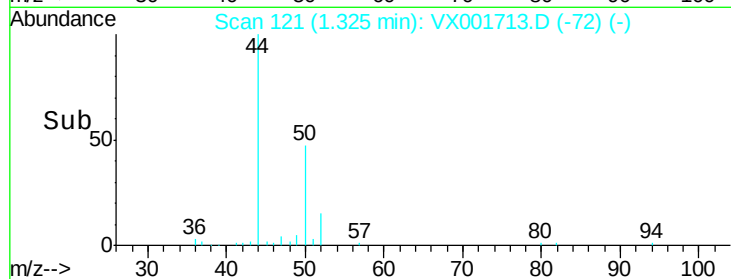
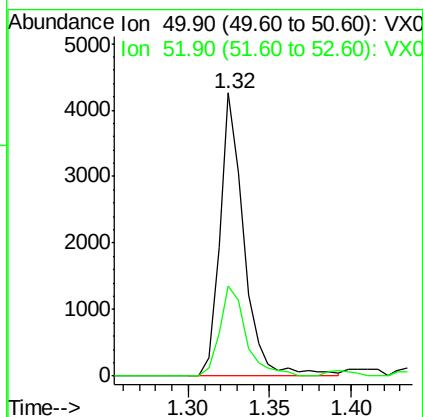
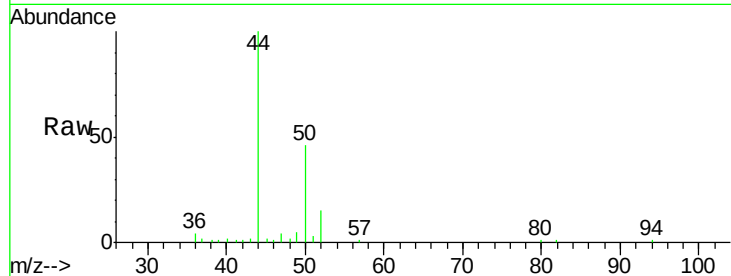




#3
Chloromethane
Concen: 0.99 ug/l
RT: 1.32 min Scan# 121
Delta R.T. -0.00 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

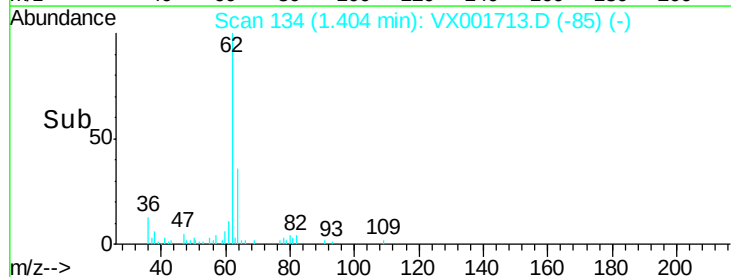
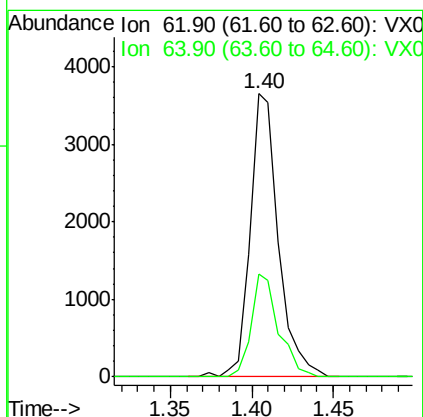
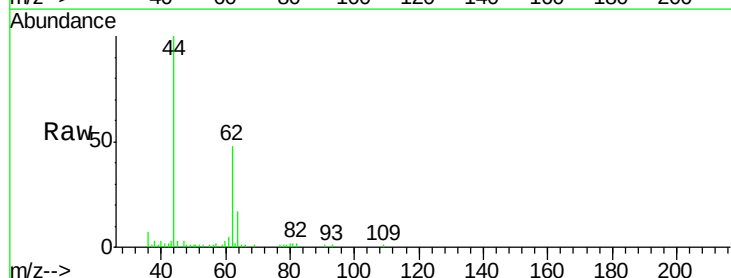
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

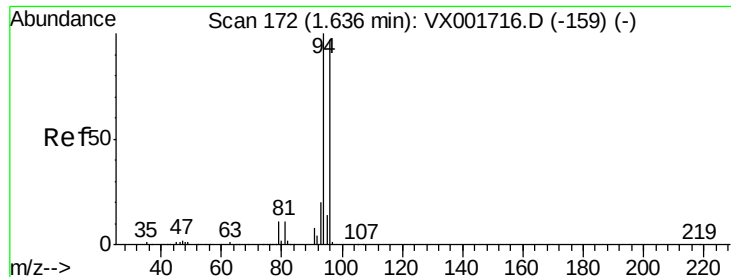
Tgt Ion: 50 Resp: 4380
Ion Ratio Lower Upper
50 100
52 31.8 26.3 39.5



#4
Vinyl Chloride
Concen: 0.95 ug/l
RT: 1.40 min Scan# 134
Delta R.T. -0.00 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

Tgt Ion: 62 Resp: 4414
Ion Ratio Lower Upper
62 100
64 36.4 25.6 38.4





#5

Bromomethane

Concen: 1.15 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

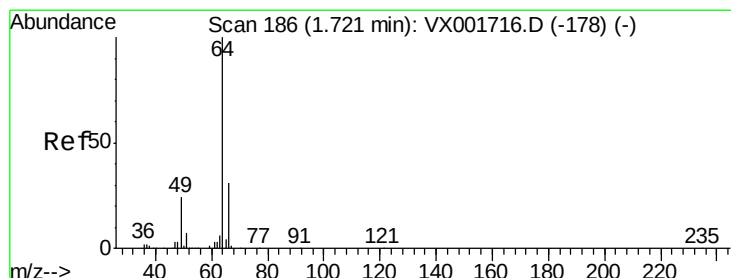
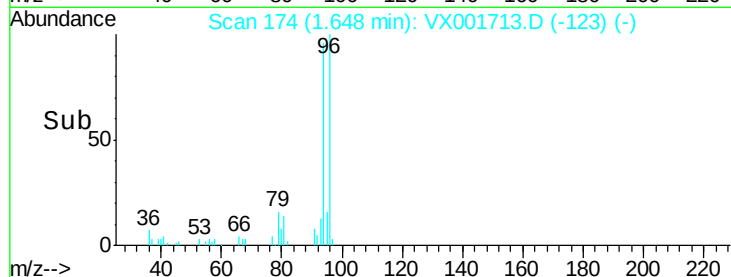
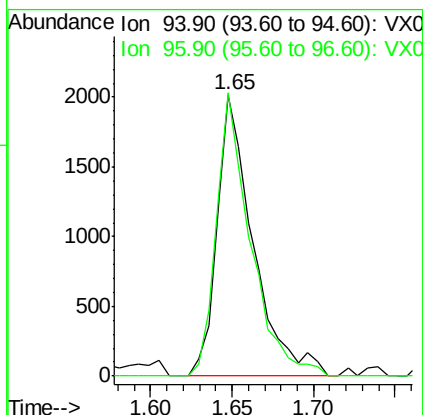
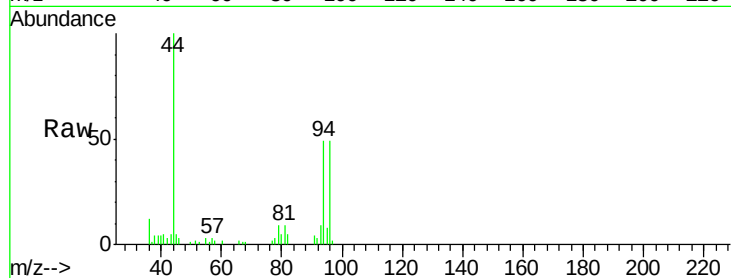
VSTDIC001

Tgt Ion: 94 Resp: 3118

Ion Ratio Lower Upper

94 100

96 100.8 77.4 116.0



#6

Chloroethane

Concen: 0.92 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX001713.D

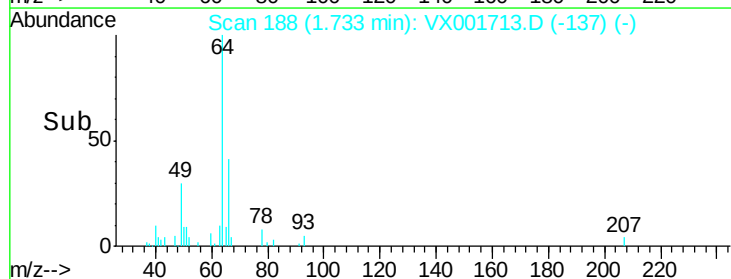
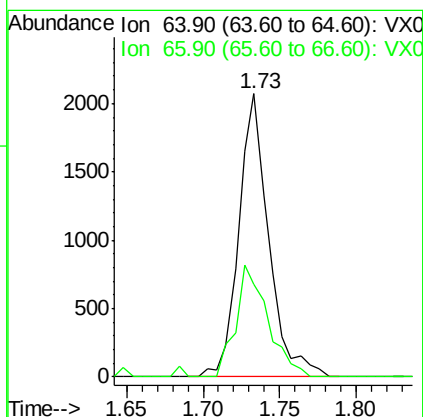
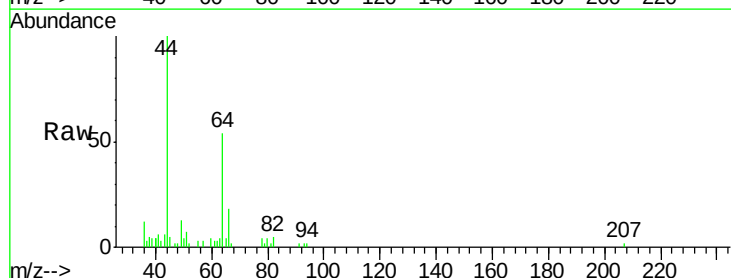
Acq: 14 May 2018 16:57

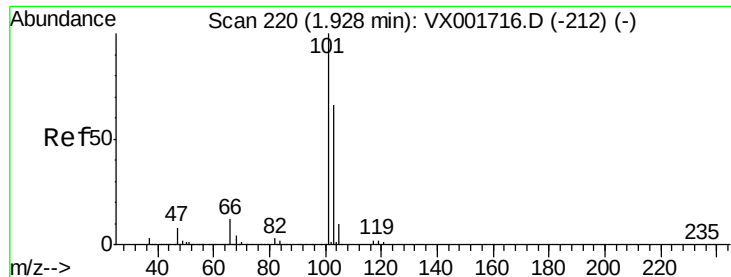
Tgt Ion: 64 Resp: 2809

Ion Ratio Lower Upper

64 100

66 32.9 25.2 37.8



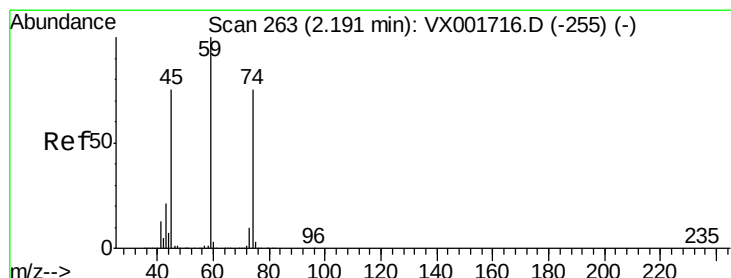
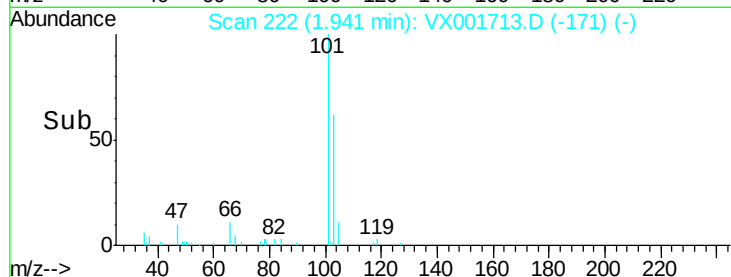
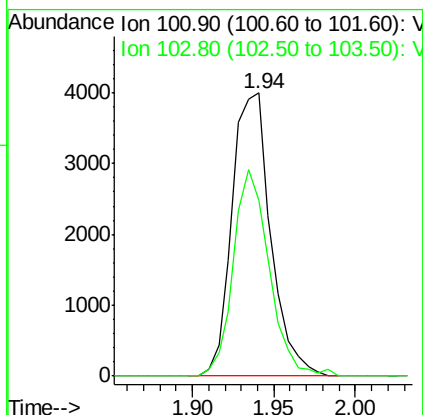
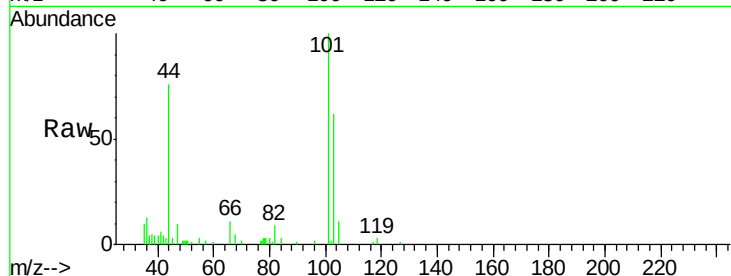


#7

Trichlorofluoromethane
 Concen: 0.95 ug/l
 RT: 1.94 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

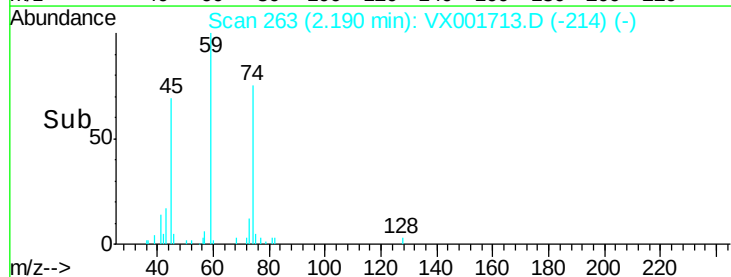
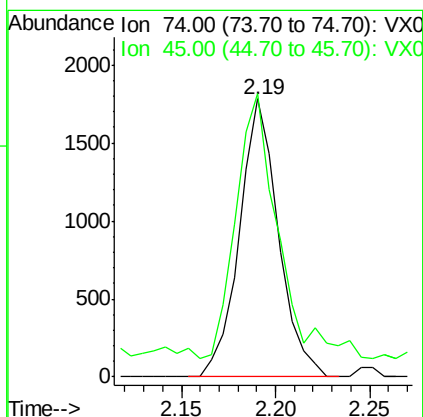
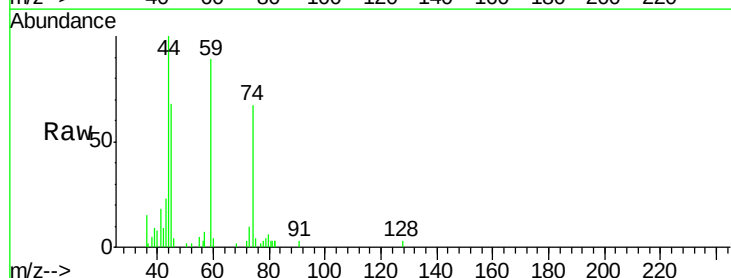
Tgt Ion:101 Resp: 6598
 Ion Ratio Lower Upper
 101 100
 103 62.1 52.6 78.8

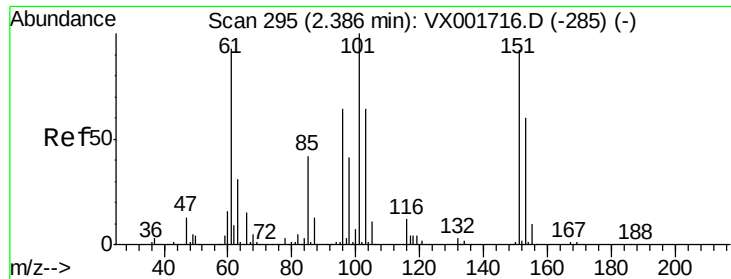


#8

Diethyl Ether
 Concen: 0.93 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

Tgt Ion: 74 Resp: 2554
 Ion Ratio Lower Upper
 74 100
 45 104.2 50.0 149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.01 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

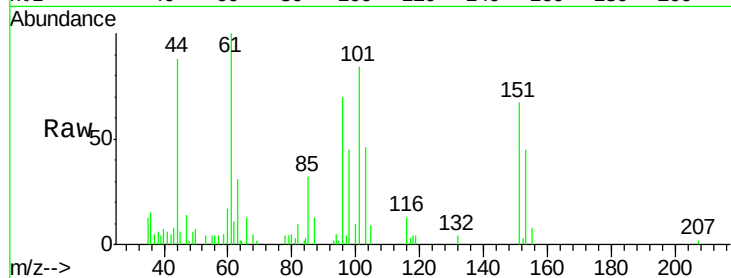
Tgt Ion:101 Resp: 4145

Ion Ratio Lower Upper

101 100

85 41.8 33.7 50.5

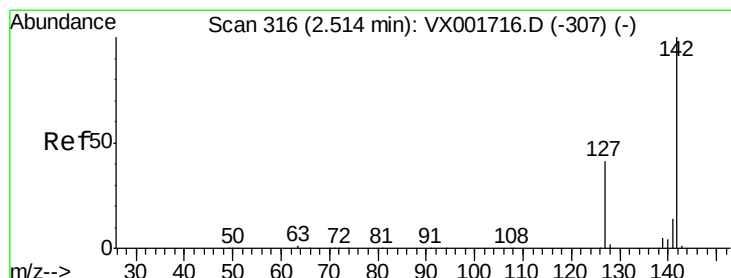
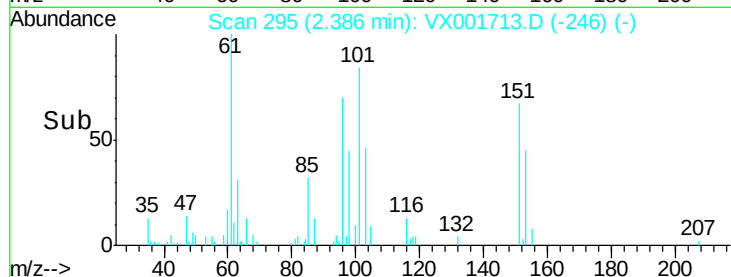
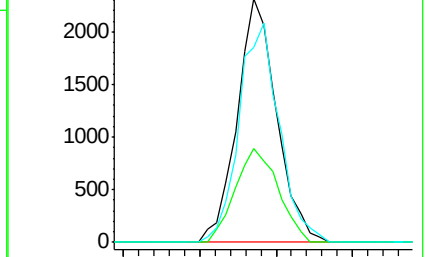
151 92.1 73.0 109.6



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: 0.74 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

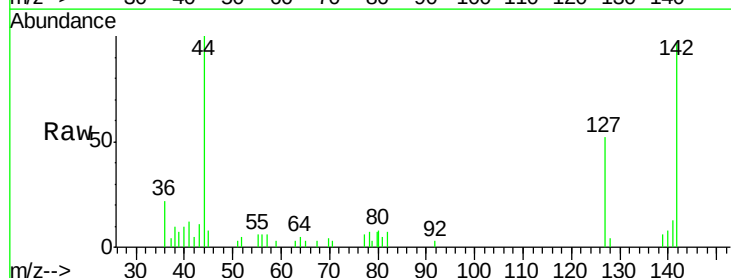
Tgt Ion:142 Resp: 4044

Ion Ratio Lower Upper

142 100

127 45.9 32.5 48.7

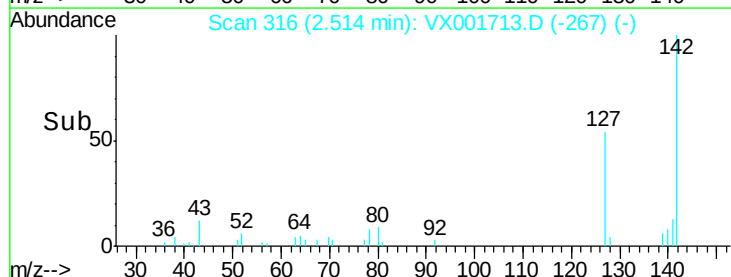
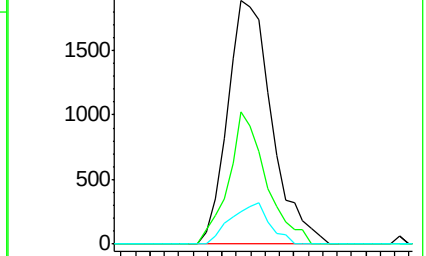
141 14.6 11.4 17.0

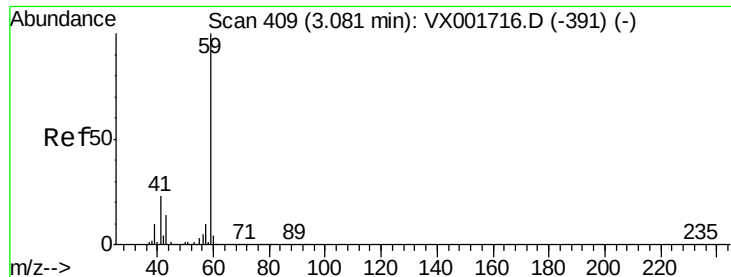


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

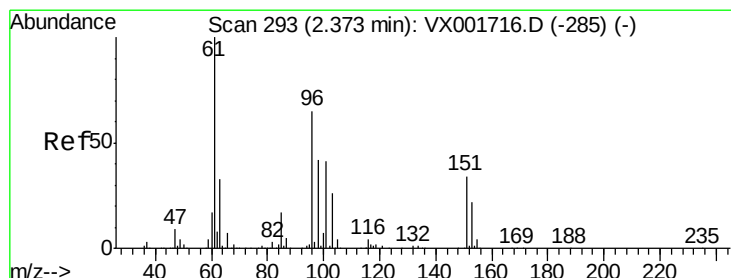
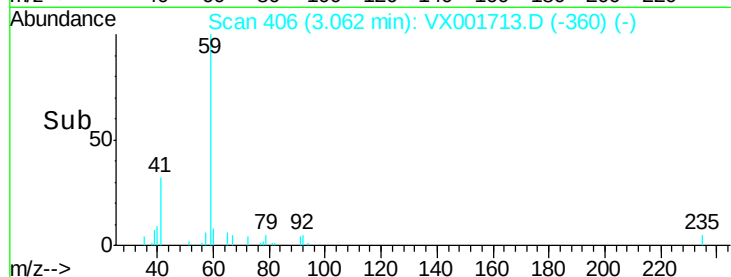
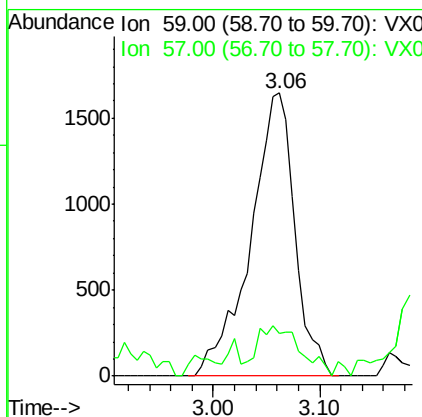
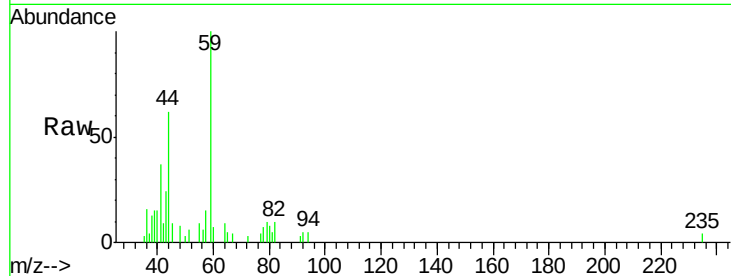




#11
Tert butyl alcohol
Concen: 4.76 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

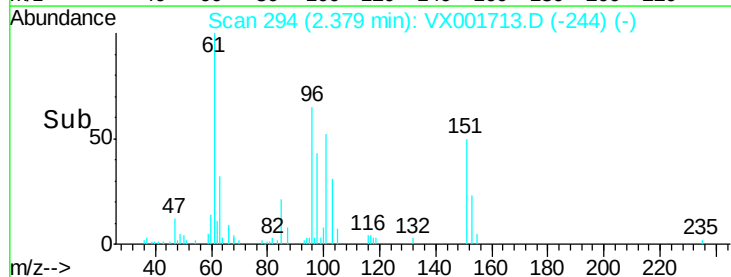
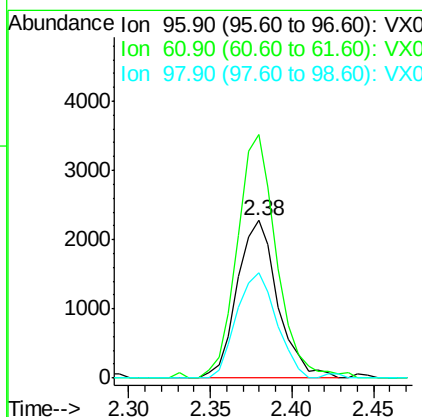
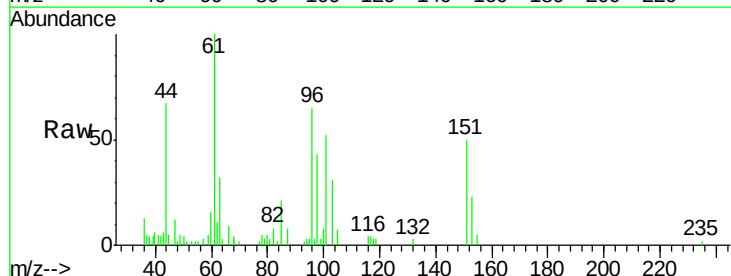
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

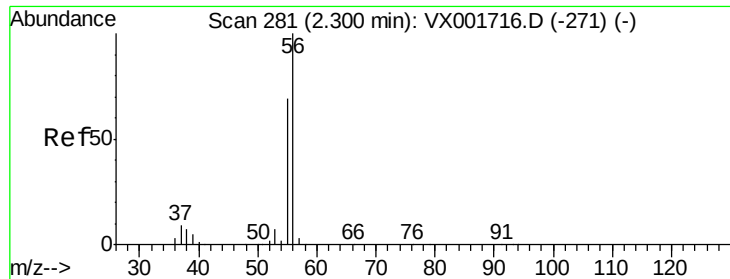
Tgt Ion: 59 Resp: 4788
Ion Ratio Lower Upper
59 100
57 16.8 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 1.05 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

Tgt Ion: 96 Resp: 3941
Ion Ratio Lower Upper
96 100
61 154.6 122.2 183.2
98 67.0 51.4 77.0





#13

Acrolein

Concen: 10.10 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

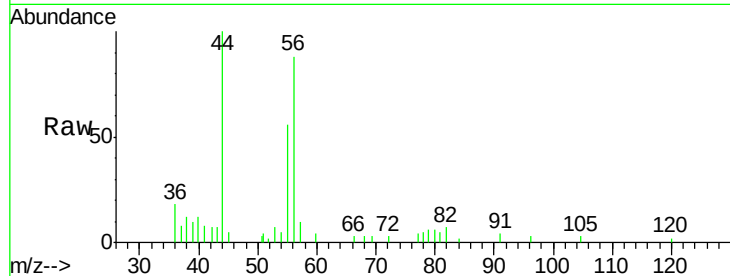
VSTDIC001

Tgt Ion: 56 Resp: 3171

Ion Ratio Lower Upper

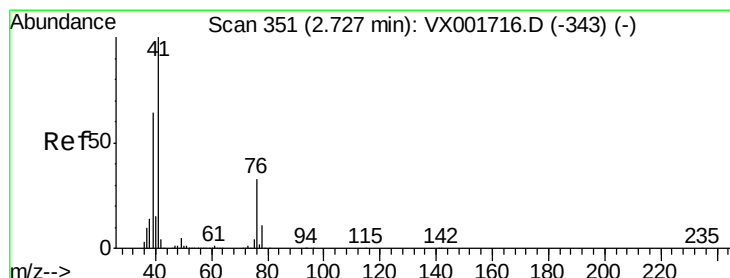
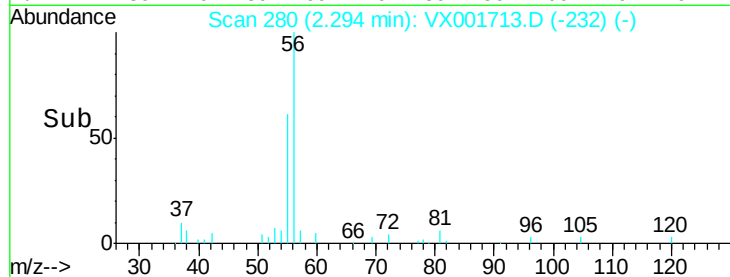
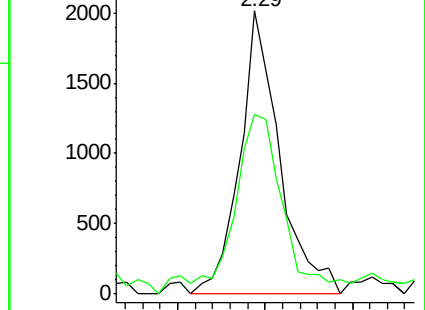
56 100

55 71.6 56.2 84.2



Abundance Ion 56.00 (55.70 to 56.70): VX001713.D (-232) (-)

Ion 55.00 (54.70 to 55.70): VX001713.D (-232) (-)



#14

Allyl chloride

Concen: 0.99 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

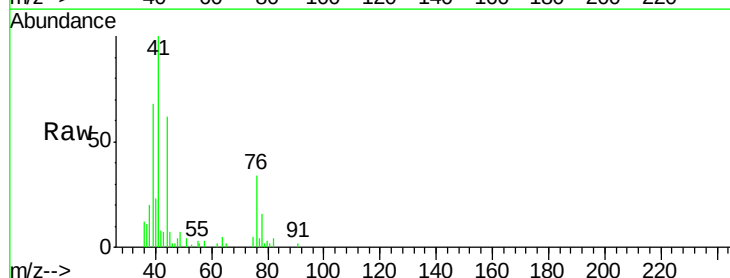
Tgt Ion: 41 Resp: 6958

Ion Ratio Lower Upper

41 100

39 66.2 49.8 74.6

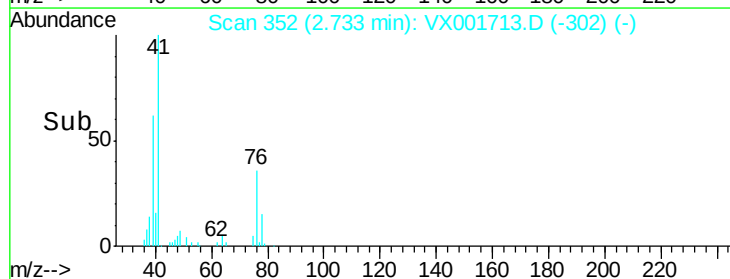
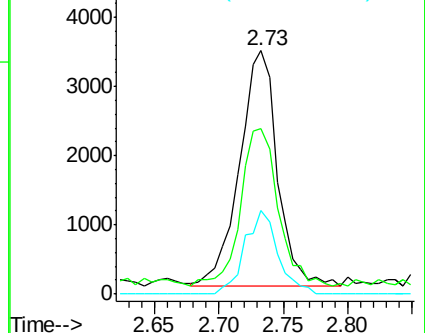
76 30.6 25.8 38.8

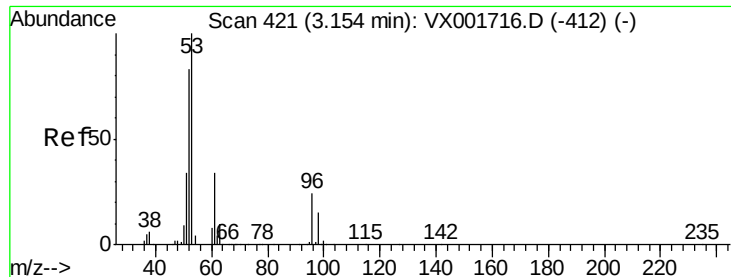


Abundance Ion 41.00 (40.70 to 41.70): VX001713.D (-302) (-)

Ion 39.00 (38.70 to 39.70): VX001713.D (-302) (-)

Ion 75.90 (75.60 to 76.60): VX001713.D (-302) (-)





#15

Acrylonitrile

Concen: 4.64 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

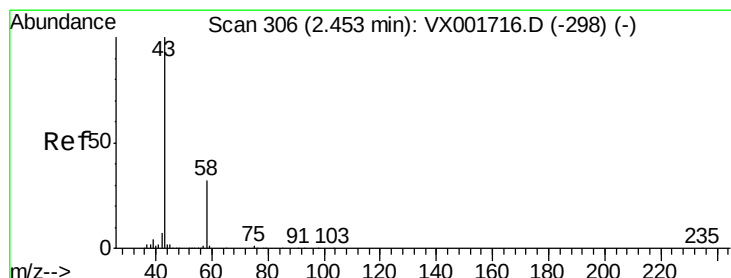
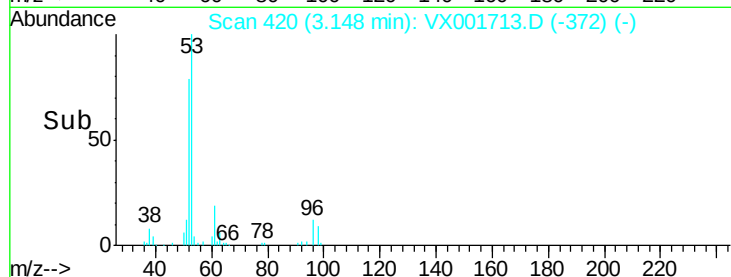
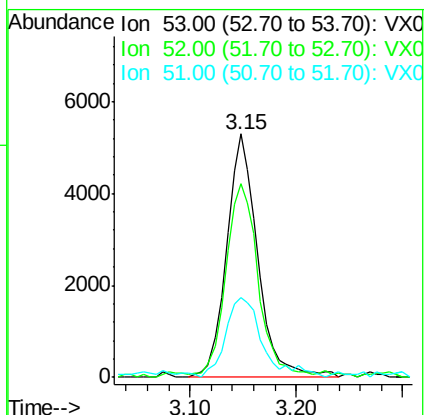
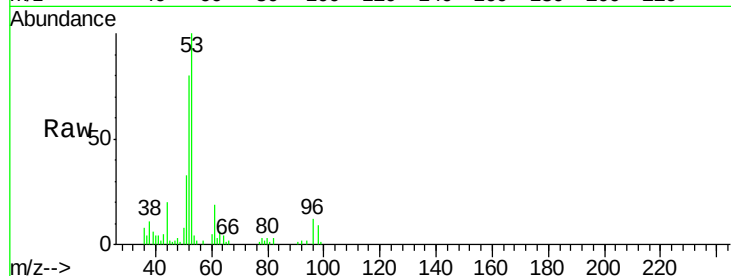
Tgt Ion: 53 Resp: 10819

Ion Ratio Lower Upper

53 100

52 80.8 65.6 98.4

51 38.7 28.1 42.1



#16

Acetone

Concen: 4.81 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001713.D

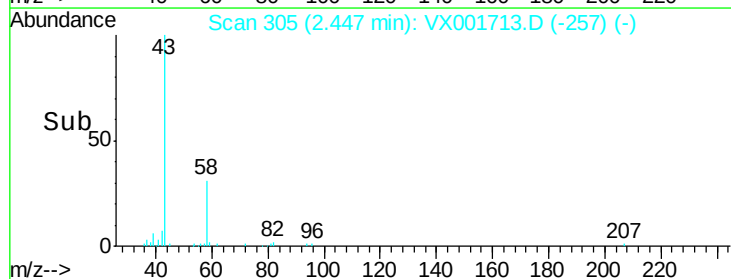
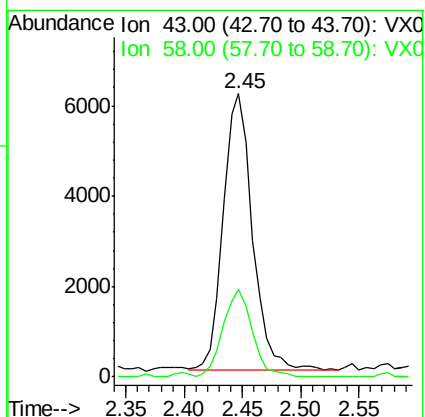
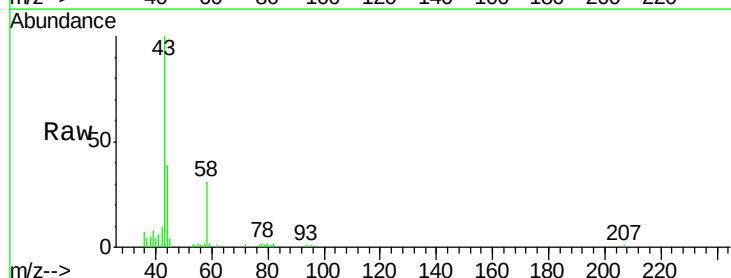
Acq: 14 May 2018 16:57

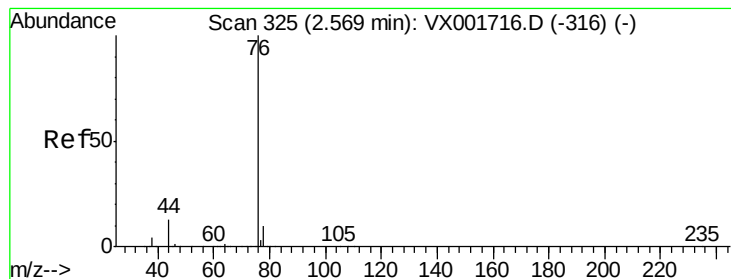
Tgt Ion: 43 Resp: 10582

Ion Ratio Lower Upper

43 100

58 31.7 25.3 37.9





#17

Carbon Disulfide

Concen: 1.17 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

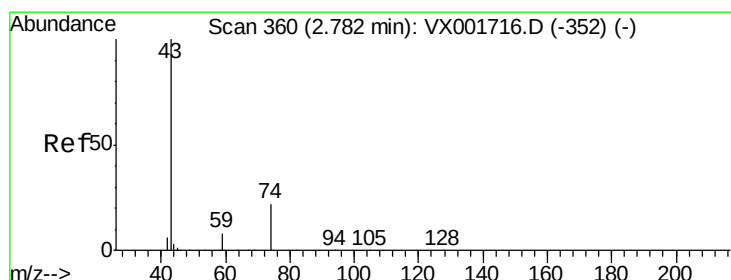
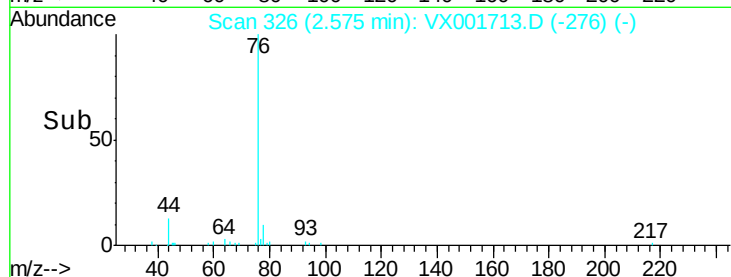
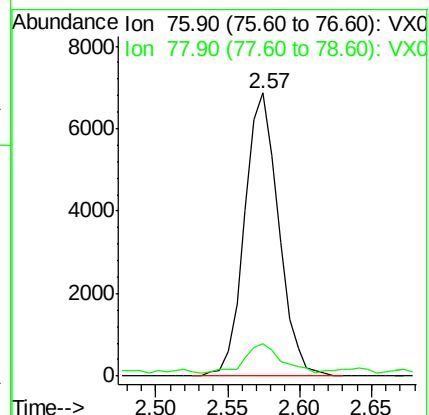
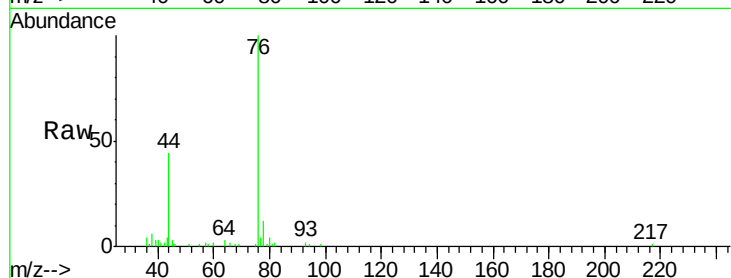
VSTDIC001

Tgt Ion: 76 Resp: 11228

Ion Ratio Lower Upper

76 100

78 10.2 7.6 11.4



#18

Methyl Acetate

Concen: 0.89 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX001713.D

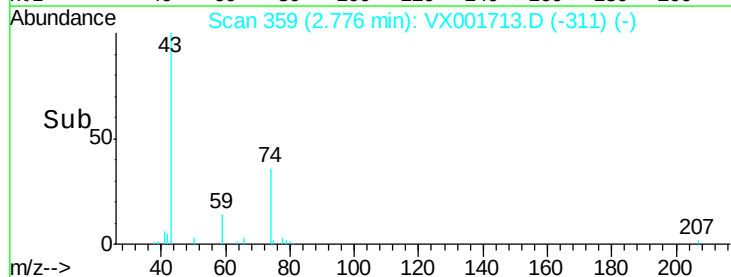
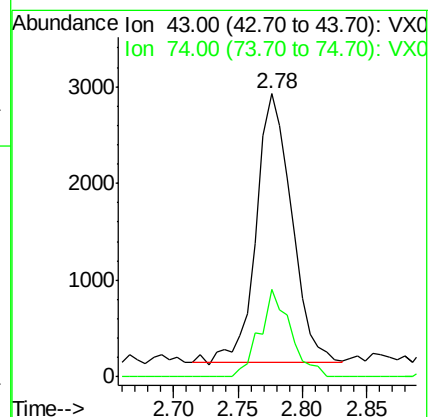
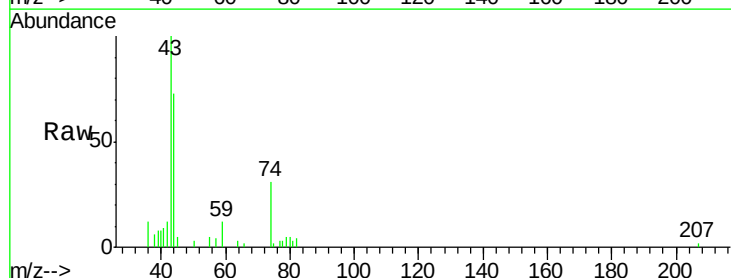
Acq: 14 May 2018 16:57

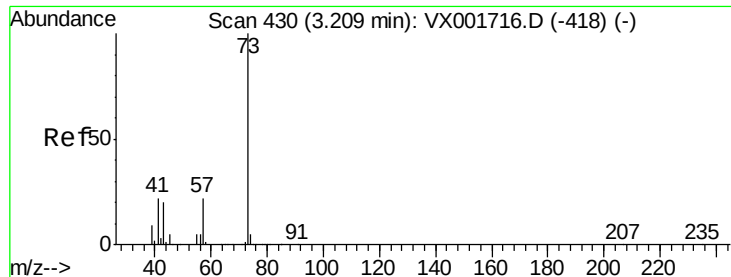
Tgt Ion: 43 Resp: 5278

Ion Ratio Lower Upper

43 100

74 28.4 18.2 27.2#

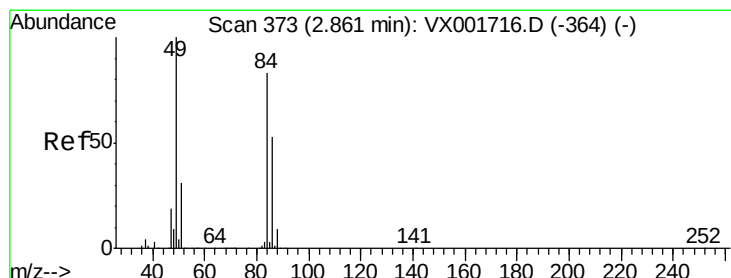
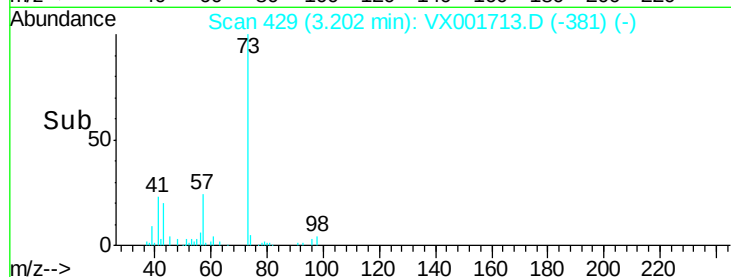
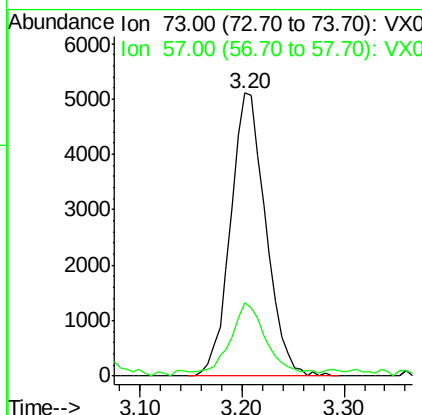
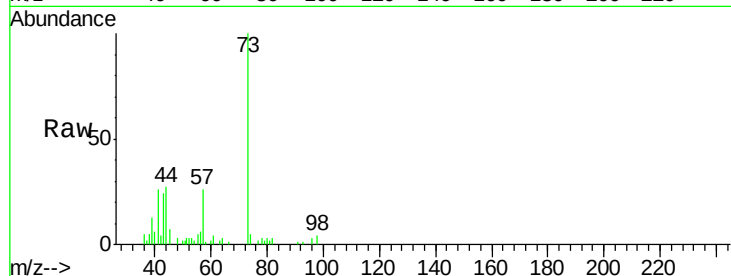




#19
Methyl tert-butyl Ether
Concen: 0.93 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

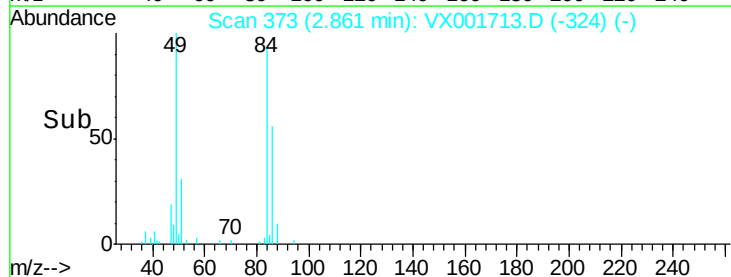
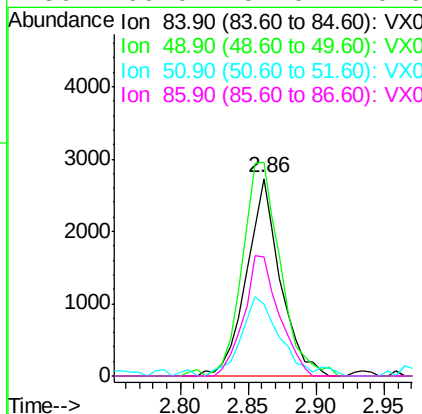
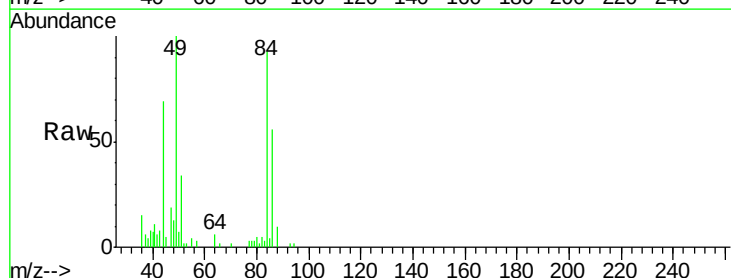
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

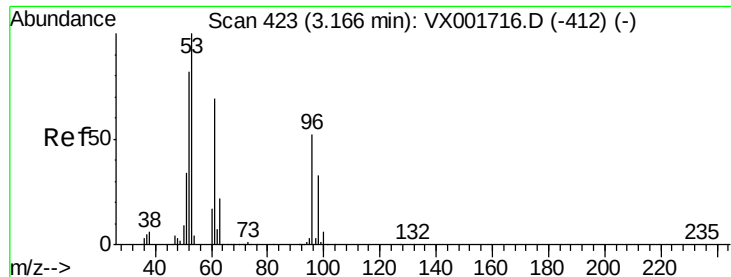
Tgt Ion: 73 Resp: 12209
Ion Ratio Lower Upper
73 100
57 24.3 17.5 26.3



#20
Methylene Chloride
Concen: 1.08 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

Tgt Ion: 84 Resp: 4748
Ion Ratio Lower Upper
84 100
49 108.0 96.3 144.5
51 34.3 29.8 44.6
86 60.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 1.11 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

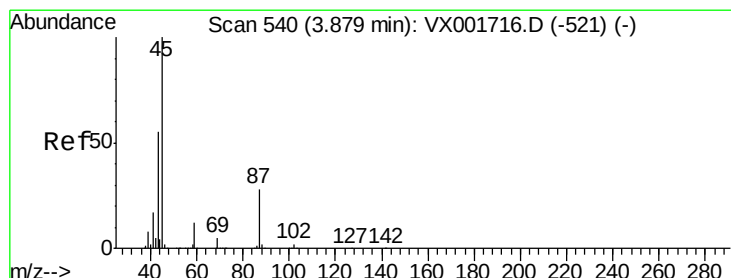
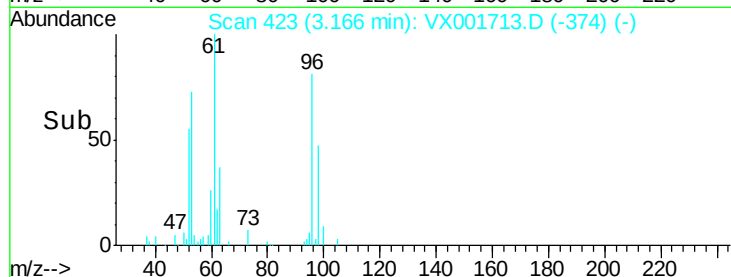
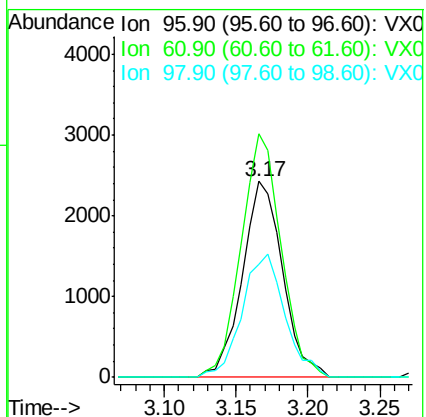
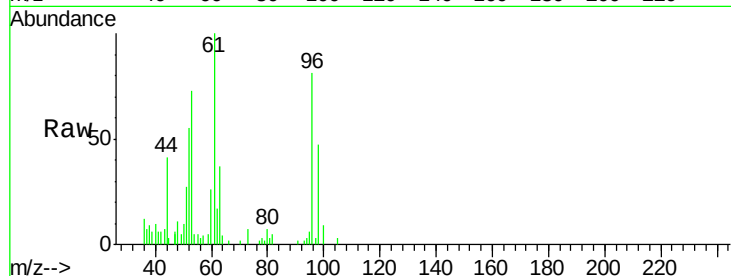
Tgt Ion: 96 Resp: 4700

Ion Ratio Lower Upper

96 100

61 124.2 105.8 158.8

98 57.8 50.2 75.4



#22

Diisopropyl ether

Concen: 0.99 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Tgt Ion: 45 Resp: 13129

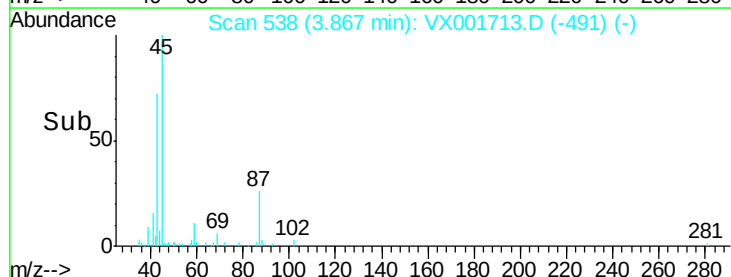
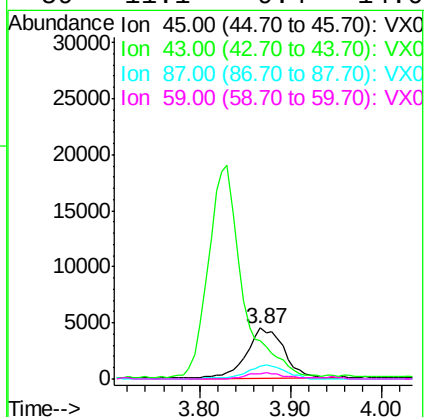
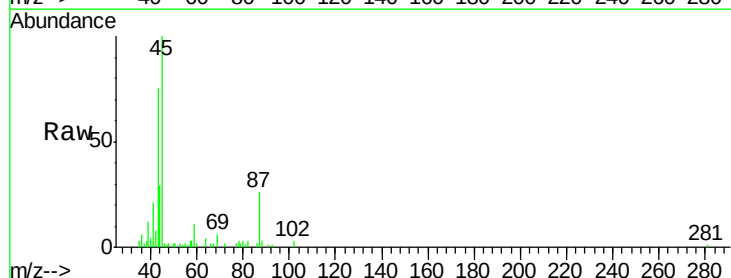
Ion Ratio Lower Upper

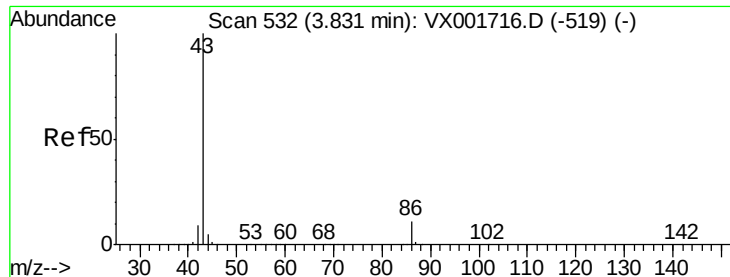
45 100

43 71.9 44.3 66.5#

87 26.7 22.6 33.8

59 11.1 9.4 14.0





#23

Vinyl Acetate

Concen: 4.69 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

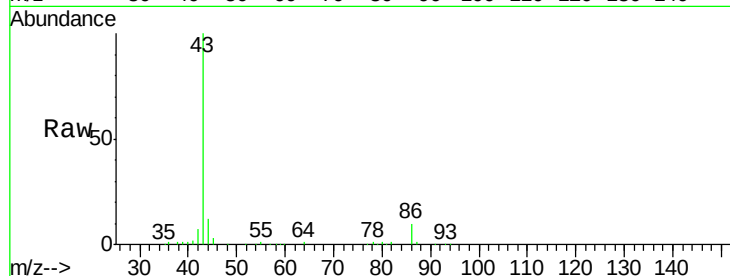
VSTDIC001

Tgt Ion: 43 Resp: 50024

Ion Ratio Lower Upper

43 100

86 10.3 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

20000

15000

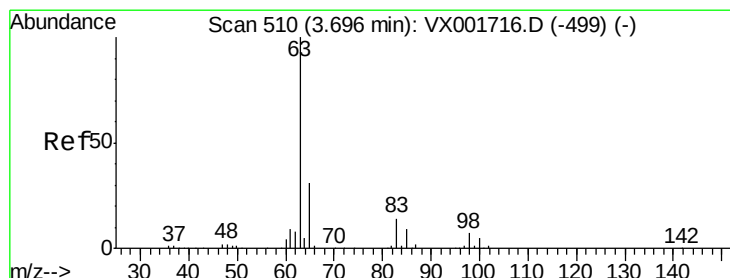
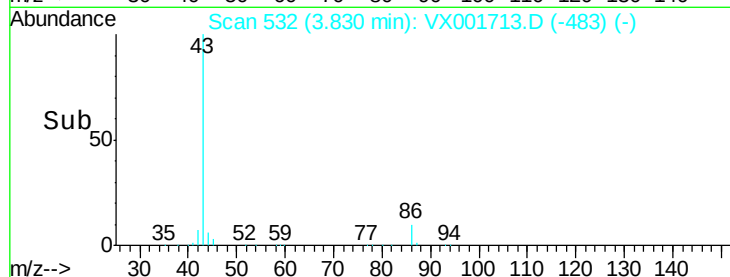
10000

5000

0

Time-->

3.70 3.80 3.90



#24

1,1-Dichloroethane

Concen: 1.03 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

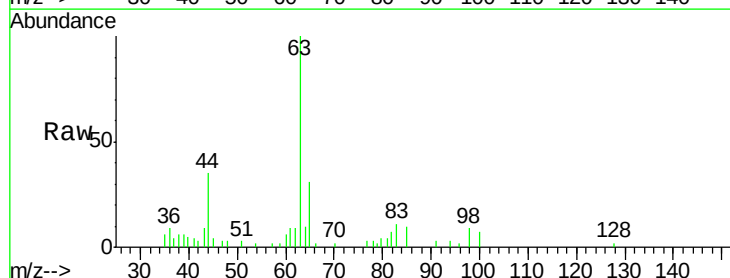
Tgt Ion: 63 Resp: 7545

Ion Ratio Lower Upper

63 100

98 8.8 3.7 11.1

100 6.7 2.4 7.2



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

3.70

4000

3000

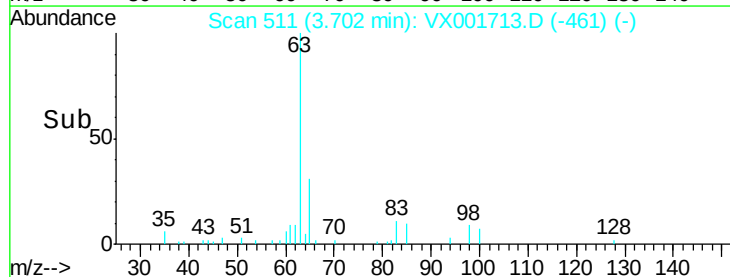
2000

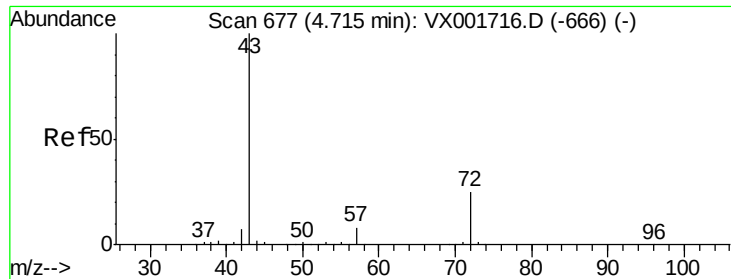
1000

0

Time-->

3.60 3.65 3.70 3.75 3.80





#25

2-Butanone

Concen: 4.26 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

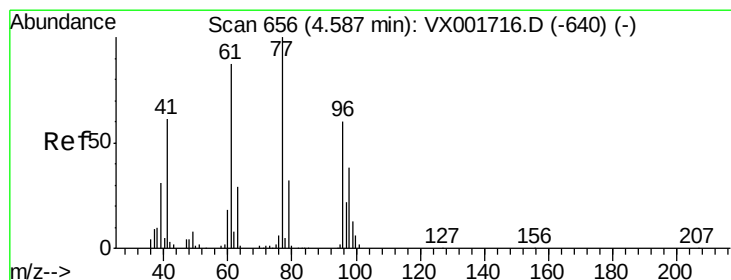
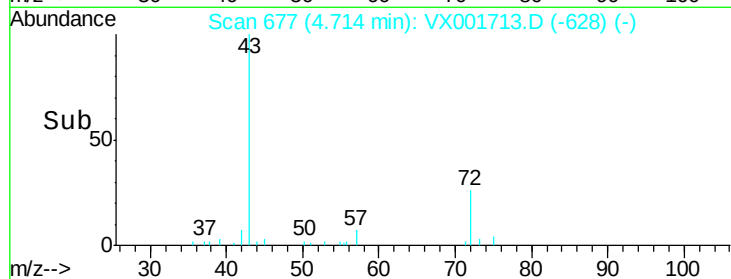
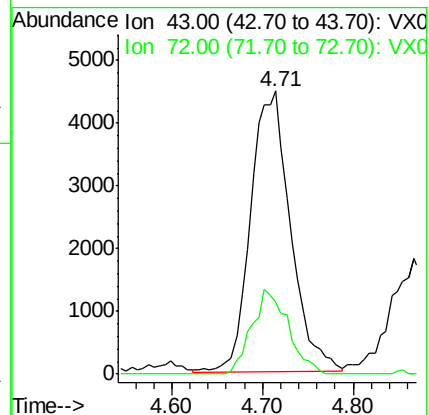
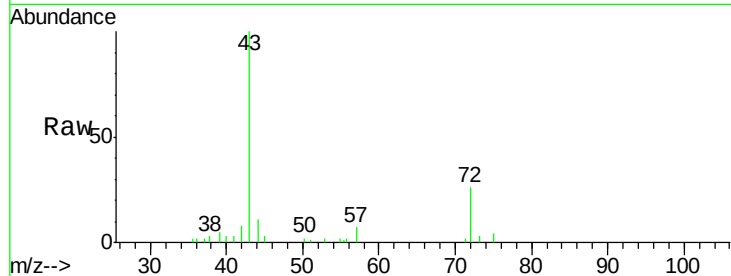
VSTDIC001

Tgt Ion: 43 Resp: 13688

Ion Ratio Lower Upper

43 100

72 26.0 19.8 29.6



#26

2,2-Dichloropropane

Concen: 1.03 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001713.D

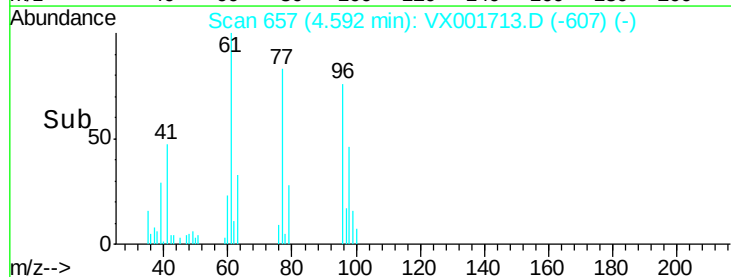
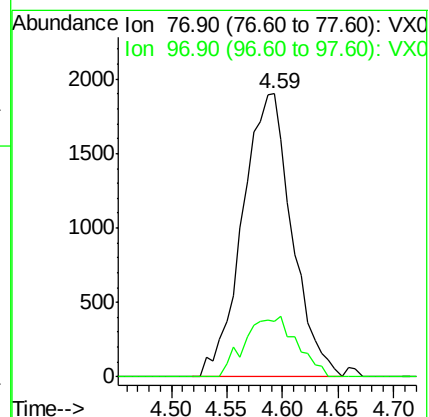
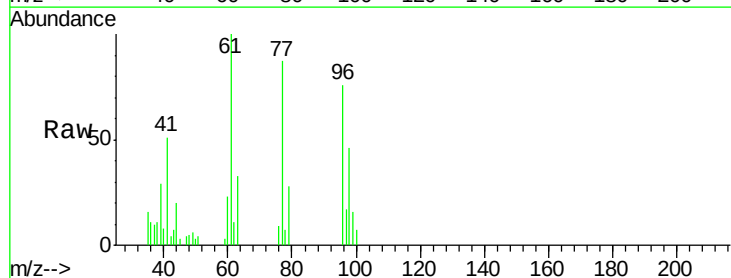
Acq: 14 May 2018 16:57

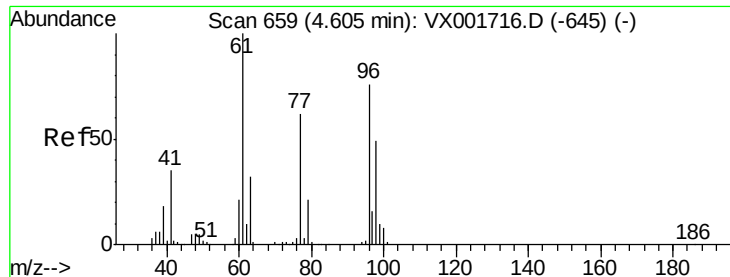
Tgt Ion: 77 Resp: 5881

Ion Ratio Lower Upper

77 100

97 22.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 1.10 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

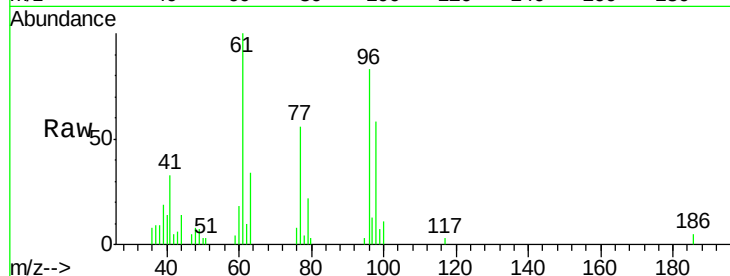
Tgt Ion: 96 Resp: 5014

Ion Ratio Lower Upper

96 100

61 142.3 0.0 280.4

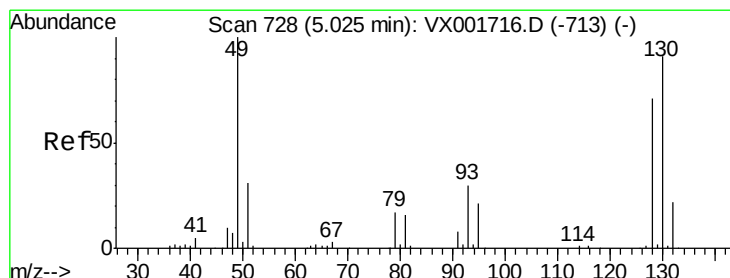
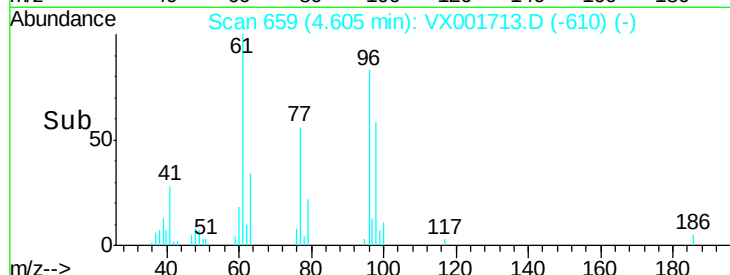
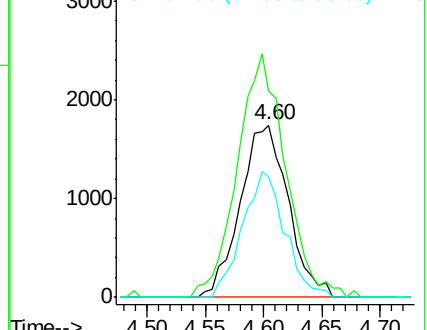
98 64.4 0.0 128.4



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: 0.97 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

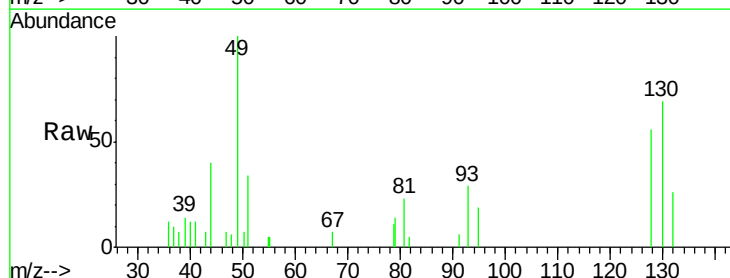
Tgt Ion: 49 Resp: 3145

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

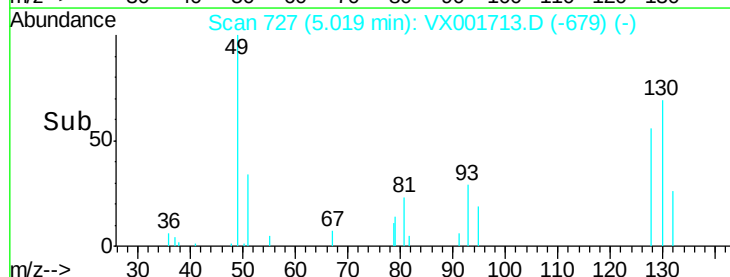
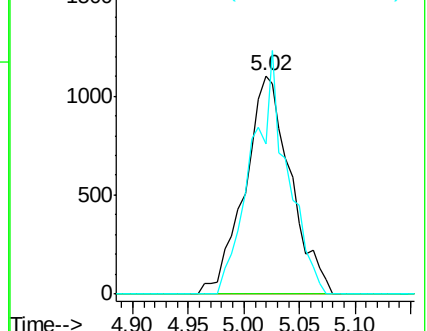
130 87.4 71.8 107.6

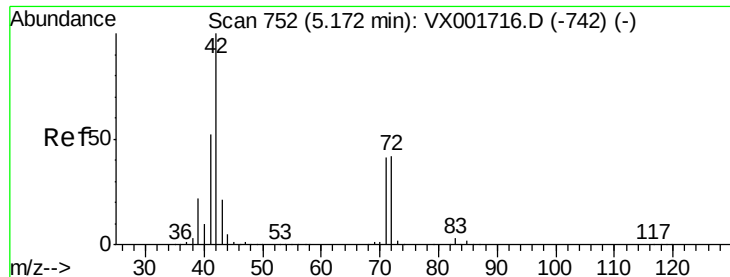


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 4.47 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

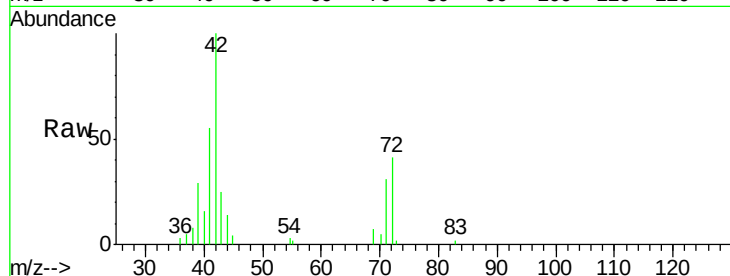
Tgt Ion: 42 Resp: 9216

Ion Ratio Lower Upper

42 100

72 42.5 35.4 53.2

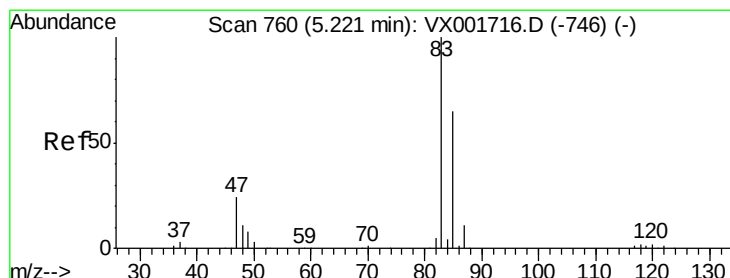
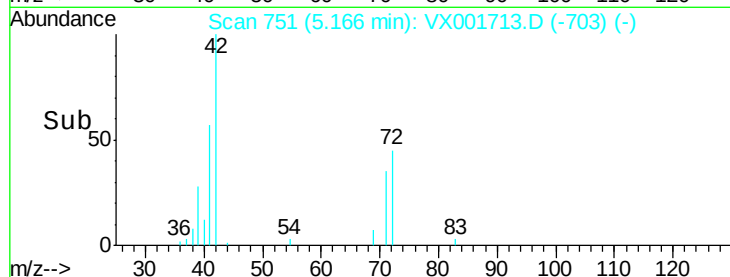
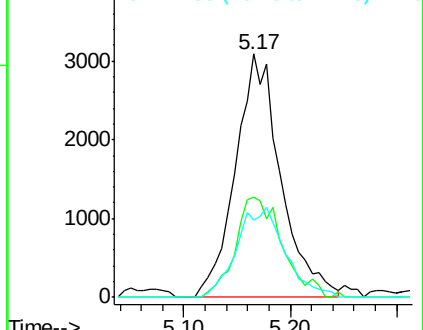
71 39.2 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 0.99 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001713.D

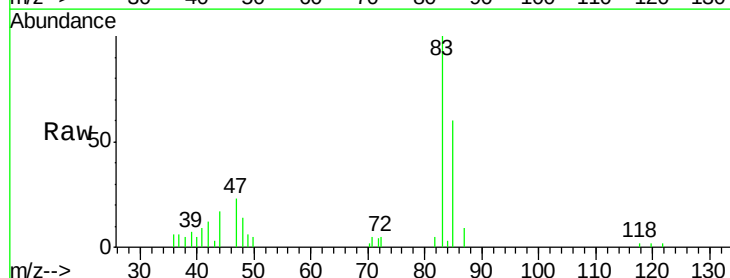
Acq: 14 May 2018 16:57

Tgt Ion: 83 Resp: 7556

Ion Ratio Lower Upper

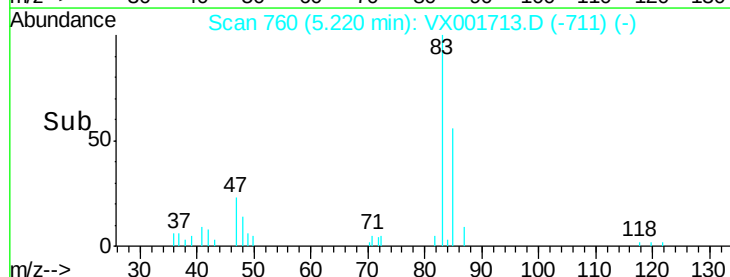
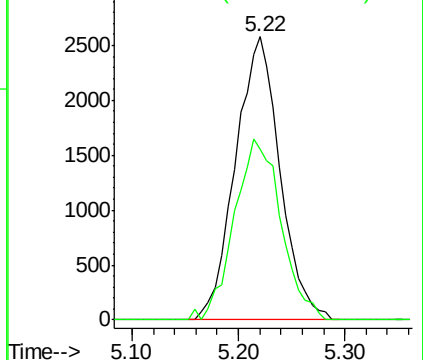
83 100

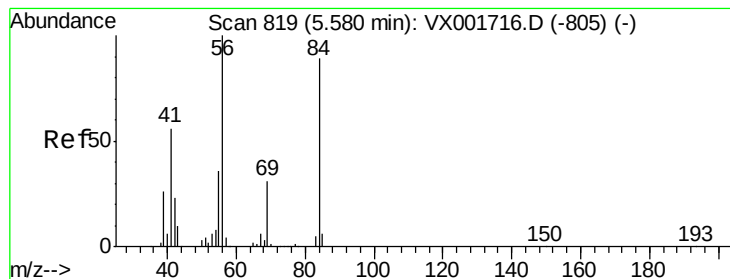
85 60.2 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 0.95 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

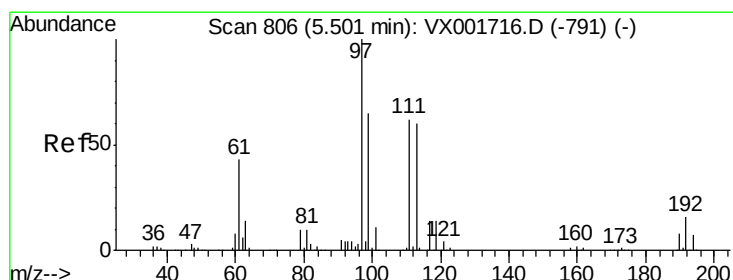
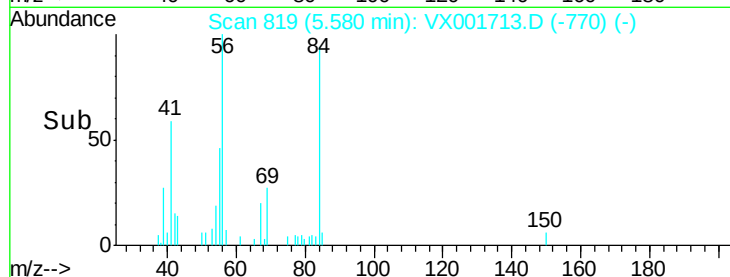
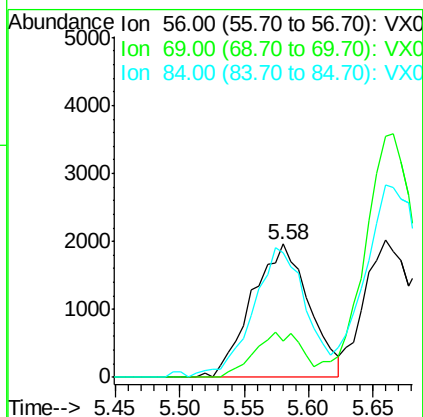
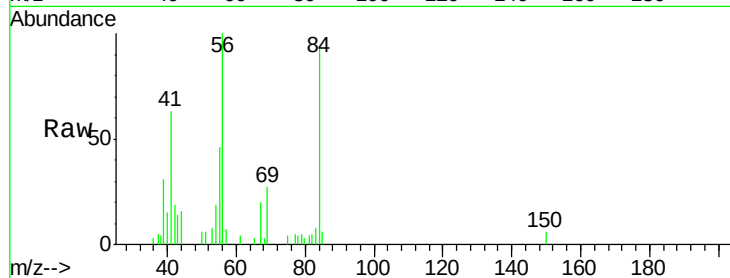
Tgt Ion: 56 Resp: 6040

Ion Ratio Lower Upper

56 100

69 27.0 25.0 37.6

84 93.9 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 0.92 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

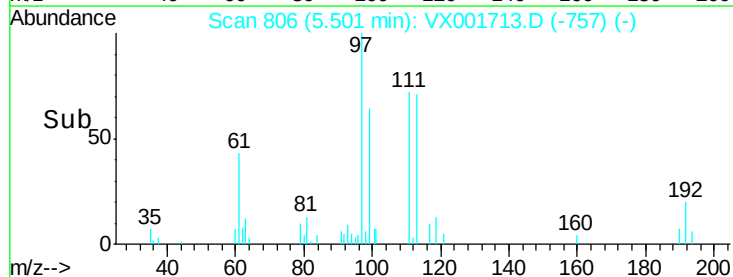
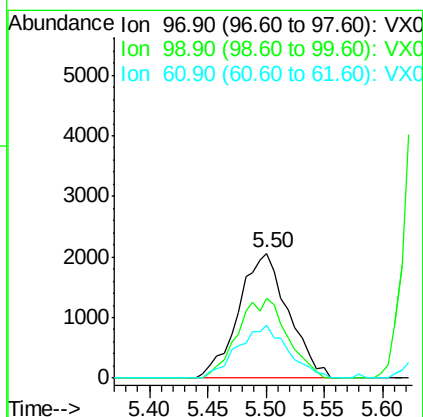
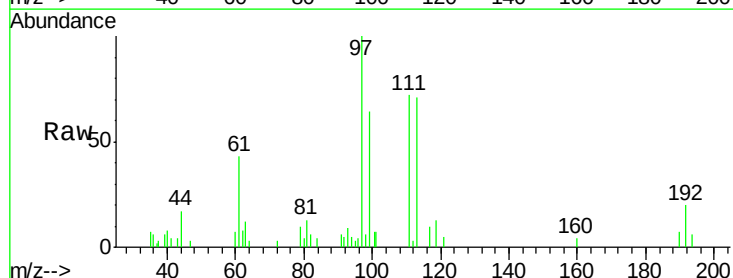
Tgt Ion: 97 Resp: 6107

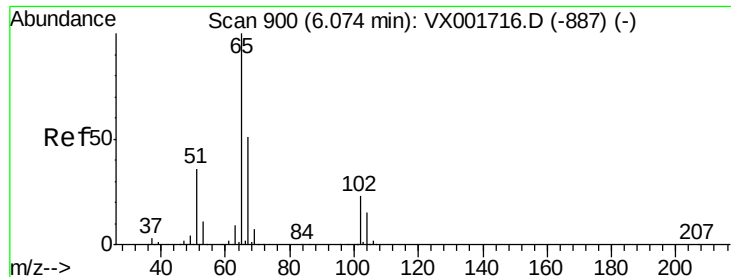
Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

61 42.4 34.0 51.0

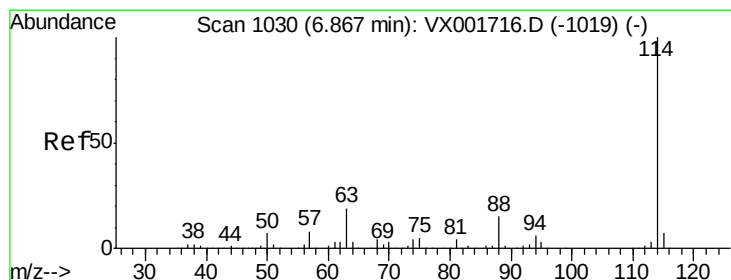
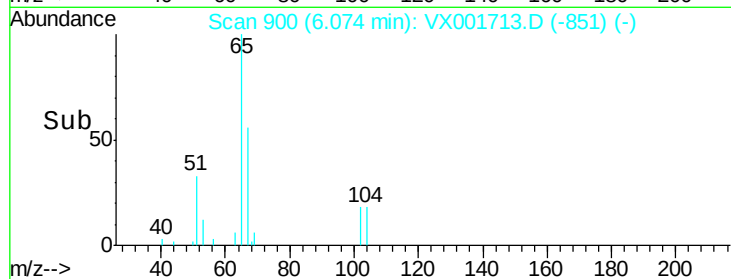
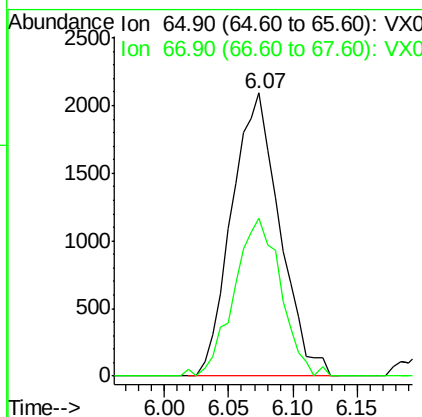
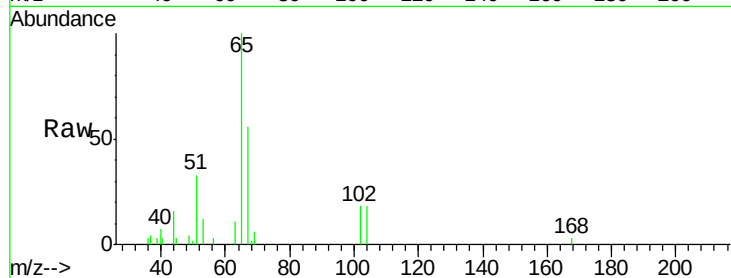




#33
 1,2-Dichloroethane-d4
 Concen: 1.10 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

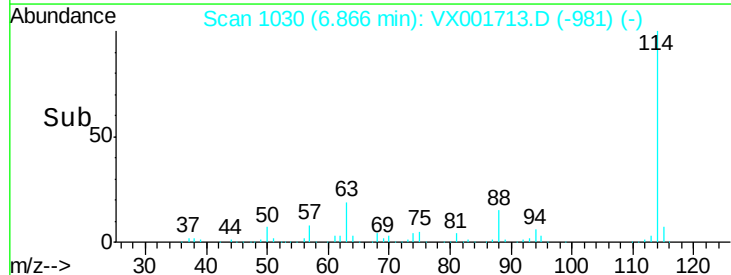
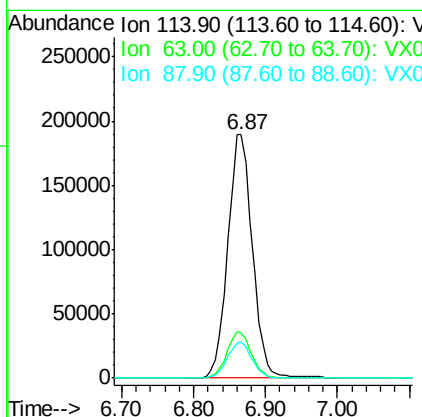
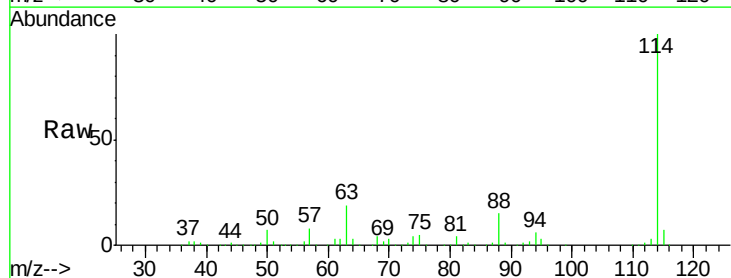
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

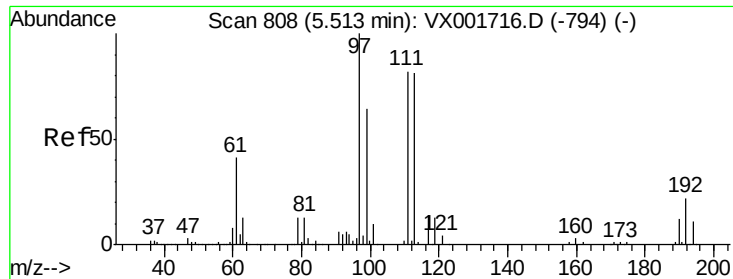
Tgt Ion: 65 Resp: 5403
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

Tgt Ion: 114 Resp: 451329
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.0
 88 14.7 0.0 29.8

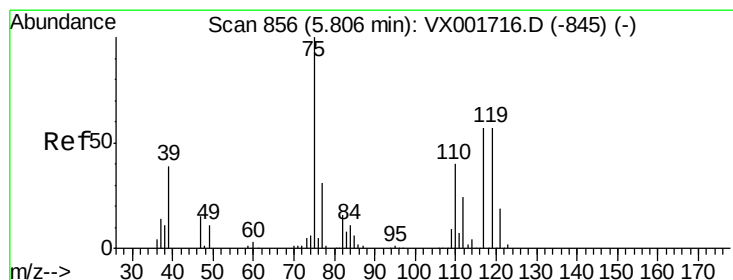
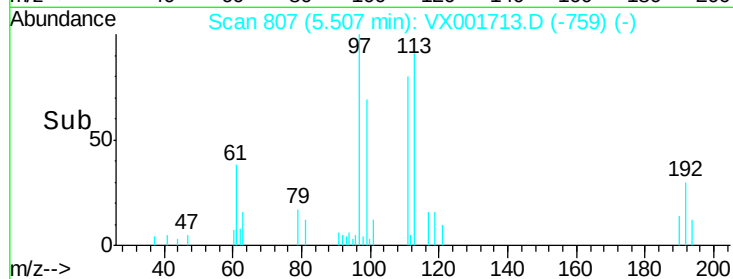
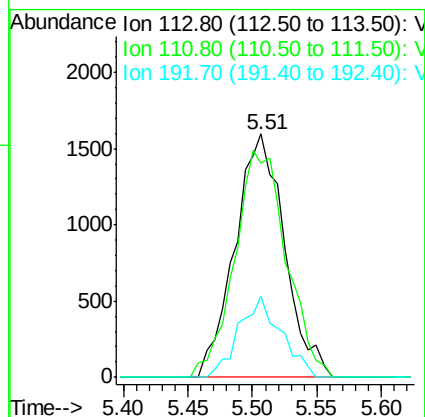
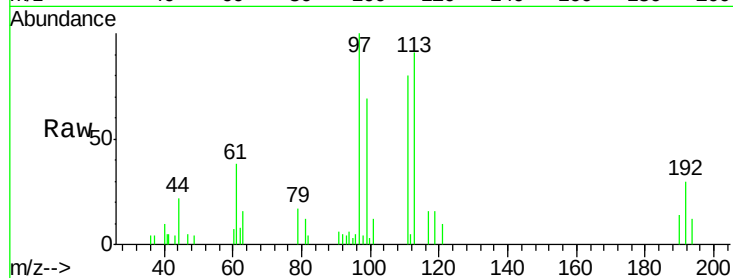




#35
 Dibromofluoromethane
 Concen: 1.08 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

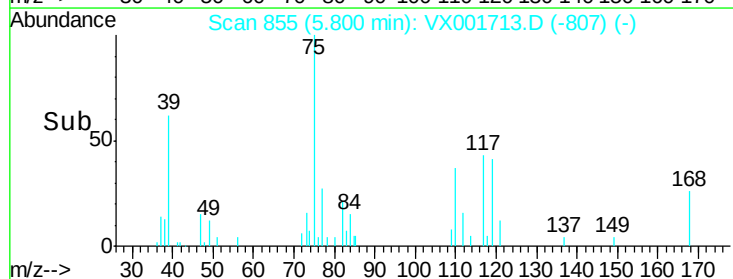
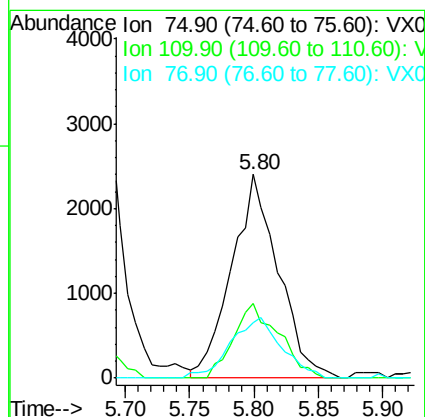
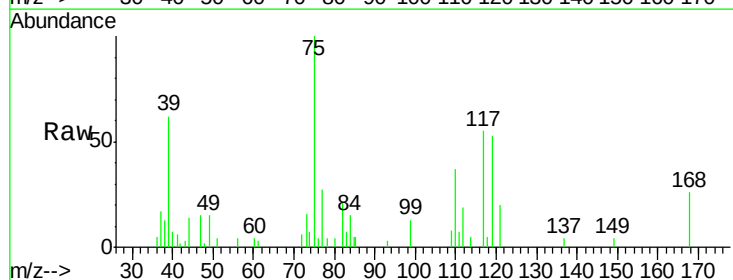
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

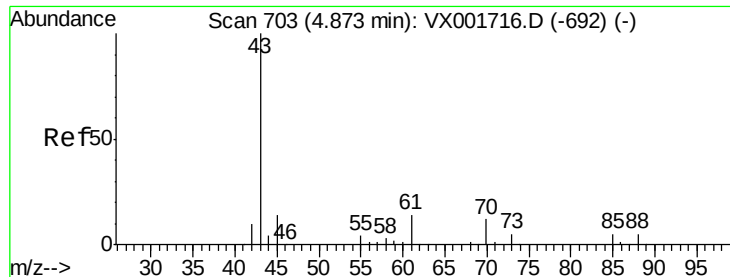
Tgt Ion:113 Resp: 4265
 Ion Ratio Lower Upper
 113 100
 111 97.2 82.0 123.0
 192 28.4 21.6 32.4



#36
 1,1-Dichloropropene
 Concen: 1.07 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

Tgt Ion: 75 Resp: 6059
 Ion Ratio Lower Upper
 75 100
 110 35.6 19.1 57.1
 77 32.6 24.6 37.0

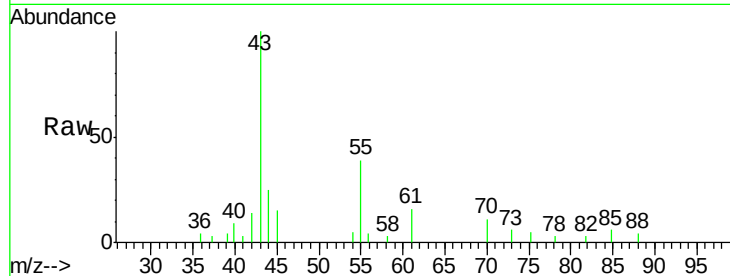




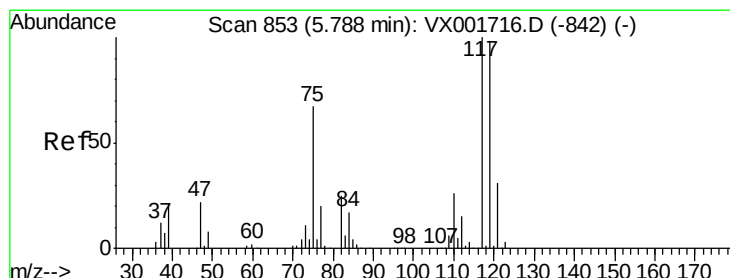
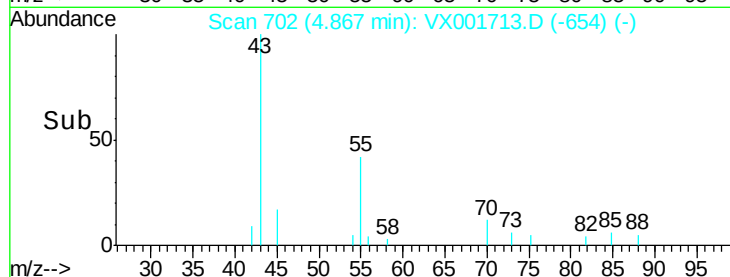
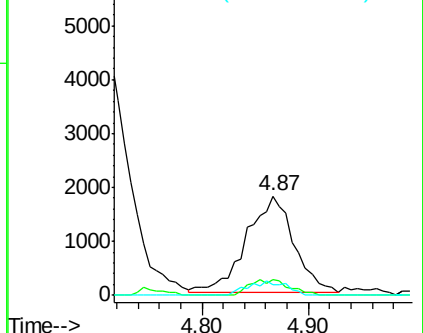
#37
Ethyl Acetate
Concen: 0.90 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 5560
Ion Ratio Lower Upper
43 100
61 13.8 10.9 16.3
70 12.0 8.8 13.2

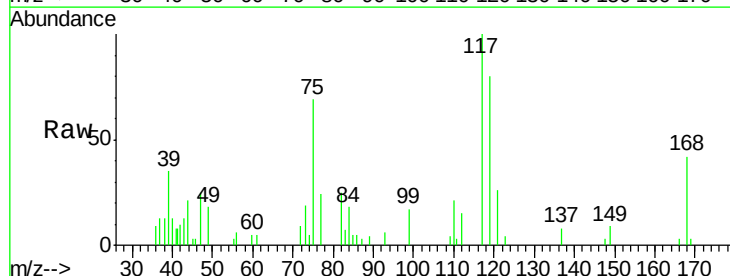


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

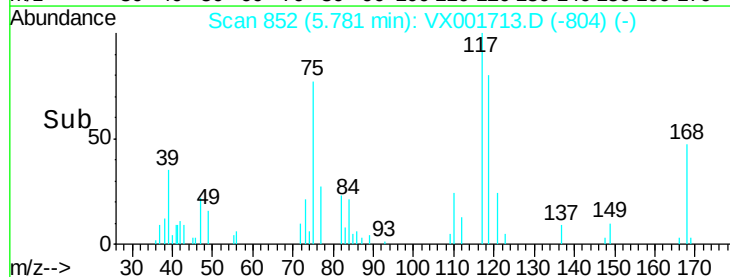
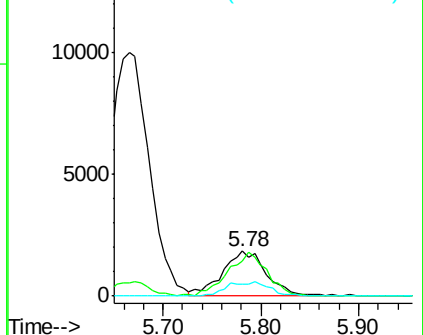


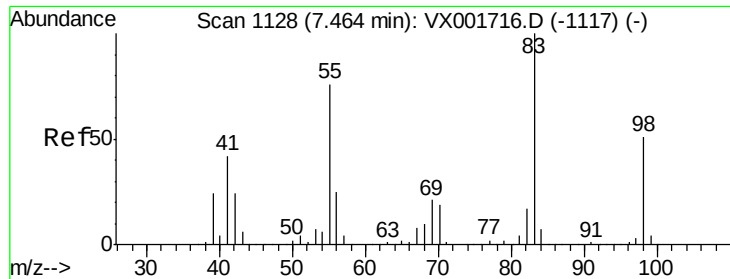
#38
Carbon Tetrachloride
Concen: 0.97 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

Tgt Ion: 117 Resp: 5793
Ion Ratio Lower Upper
117 100
119 79.6 77.6 116.4
121 26.3 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 0.94 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

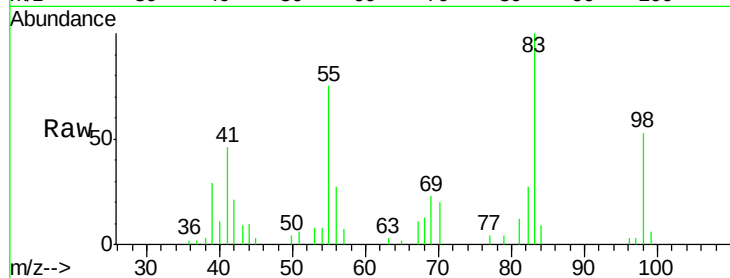
Tgt Ion: 83 Resp: 6315

Ion Ratio Lower Upper

83 100

55 74.6 60.6 90.8

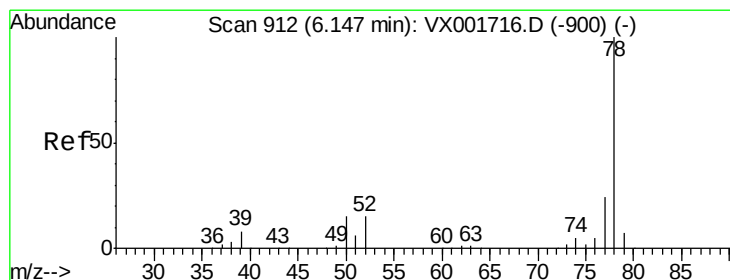
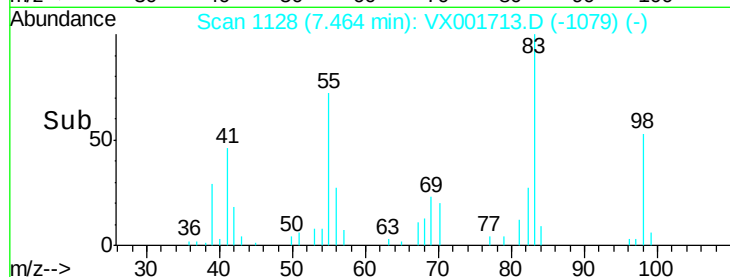
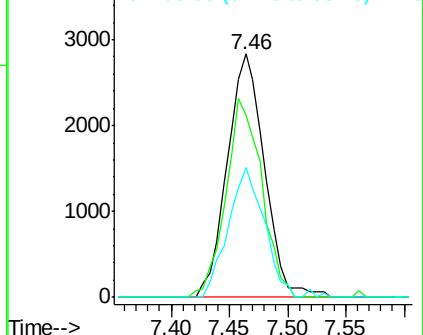
98 53.1 40.4 60.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 0.99 ug/l

RT: 6.15 min Scan# 912

Delta R.T. -0.00 min

Lab File: VX001713.D

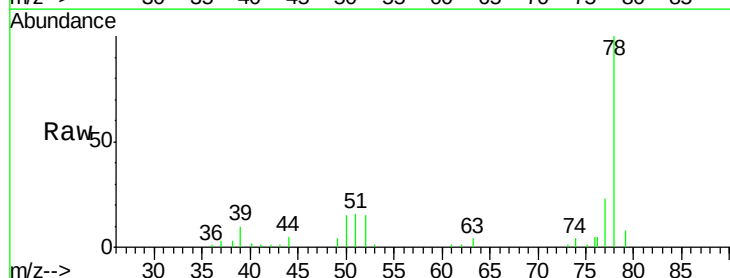
Acq: 14 May 2018 16:57

Tgt Ion: 78 Resp: 16354

Ion Ratio Lower Upper

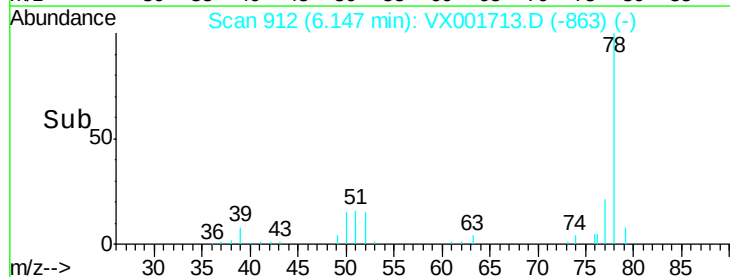
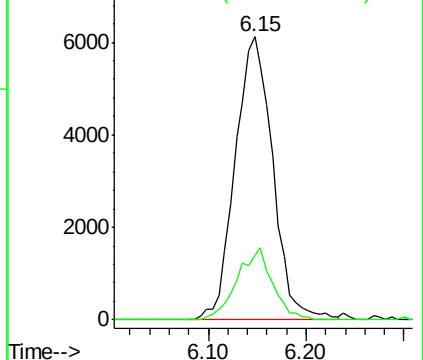
78 100

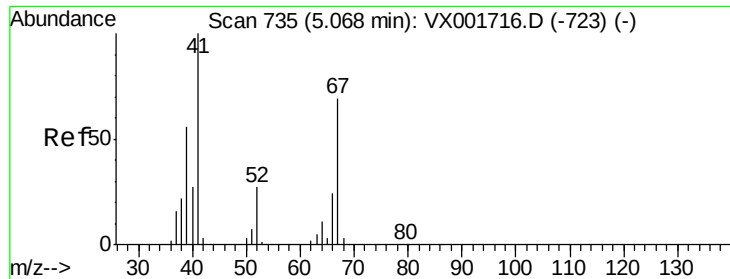
77 22.8 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

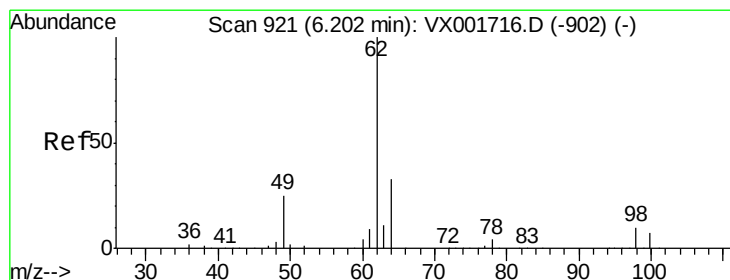
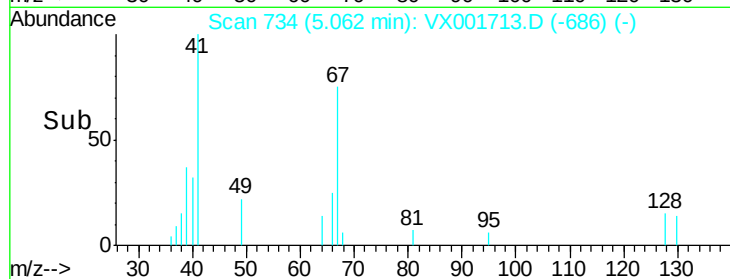
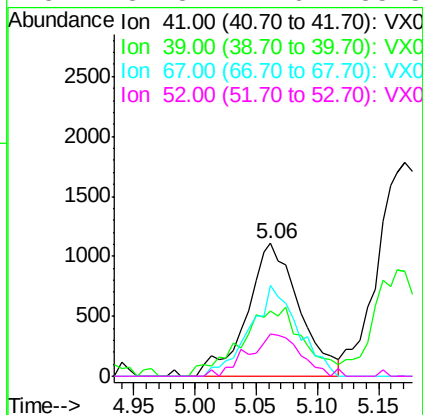
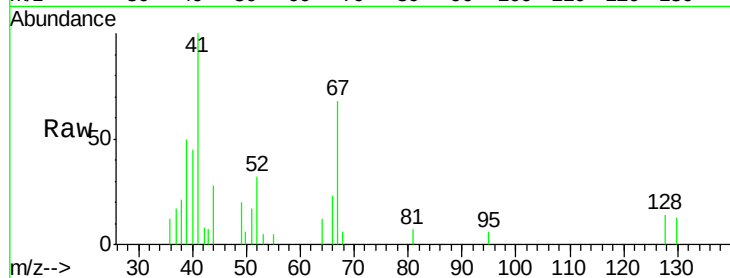




#41
Methacrylonitrile
Concen: 0.93 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

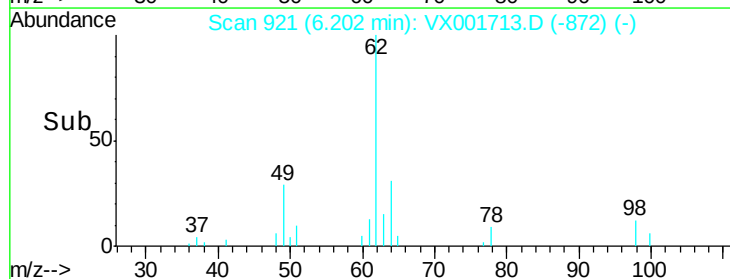
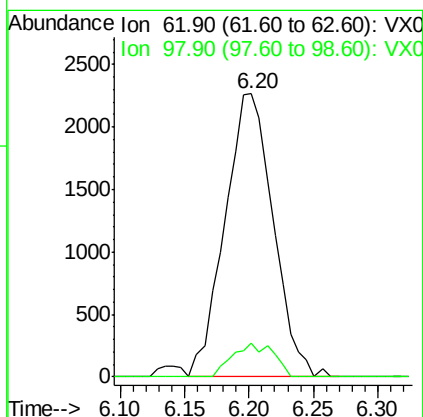
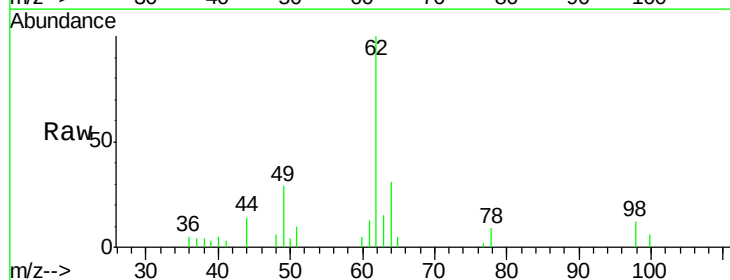
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

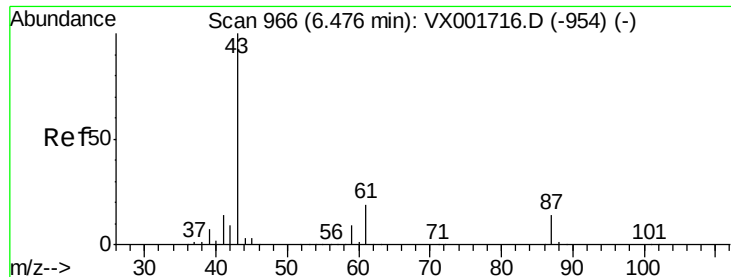
Tgt Ion:	41	Resp:	3279
Ion	Ratio	Lower	Upper
41	100		
39	62.3	44.2	66.4
67	63.1	56.0	84.0
52	31.3	22.6	33.8



#42
1,2-Dichloroethane
Concen: 0.94 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

Tgt Ion:	62	Resp:	5898
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.0





#43

Isopropyl Acetate

Concen: 0.84 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

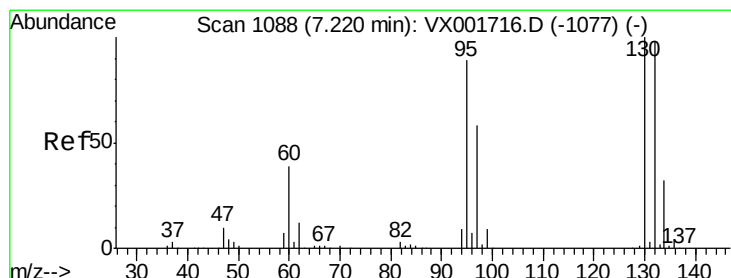
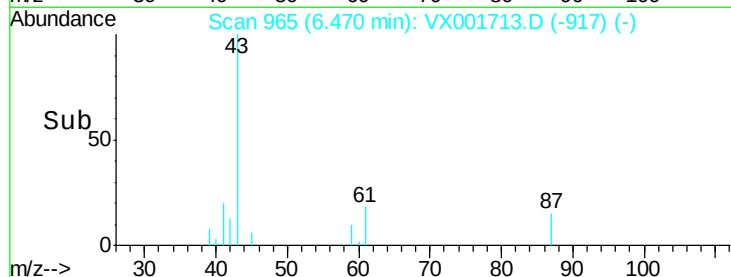
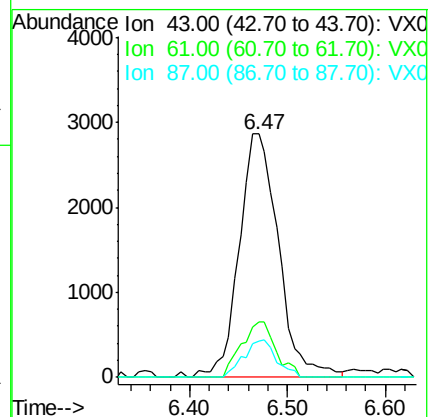
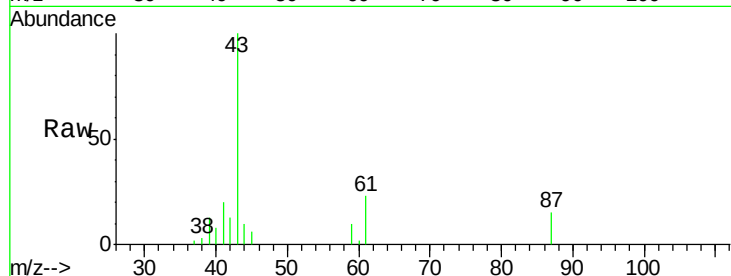
Tgt Ion: 43 Resp: 7976

Ion Ratio Lower Upper

43 100

61 19.9 15.8 23.8

87 12.7 11.0 16.4



#44

Trichloroethene

Concen: 1.05 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001713.D

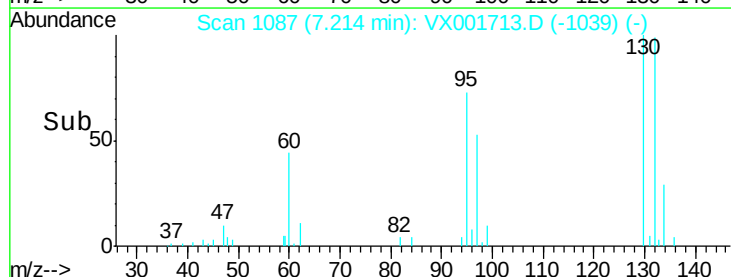
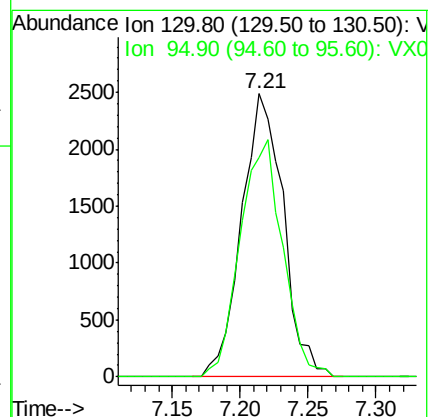
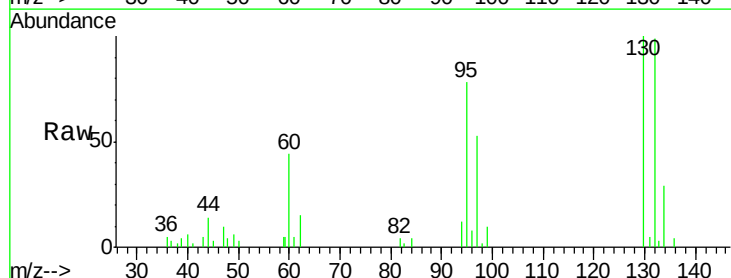
Acq: 14 May 2018 16:57

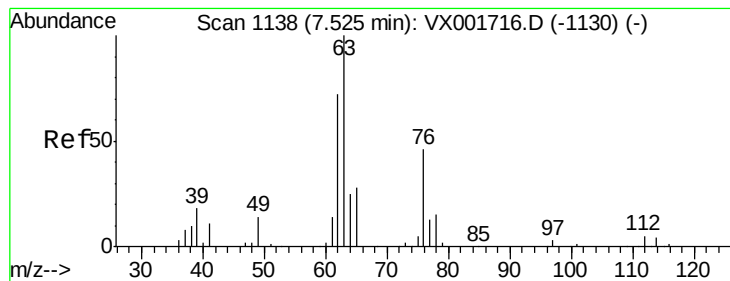
Tgt Ion: 130 Resp: 5320

Ion Ratio Lower Upper

130 100

95 77.6 0.0 177.2





#45

1,2-Dichloropropane

Concen: 0.93 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

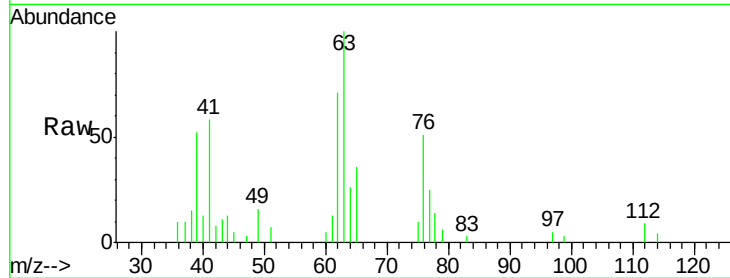
VSTDIC001

Tgt Ion: 63 Resp: 3822

Ion Ratio Lower Upper

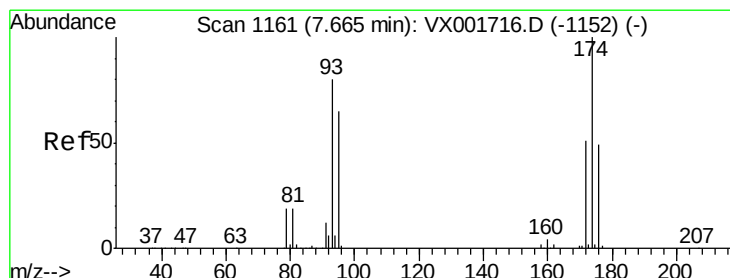
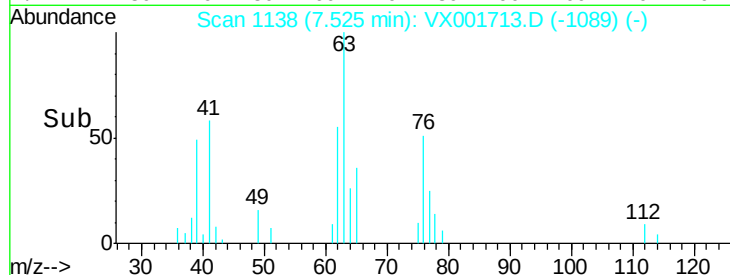
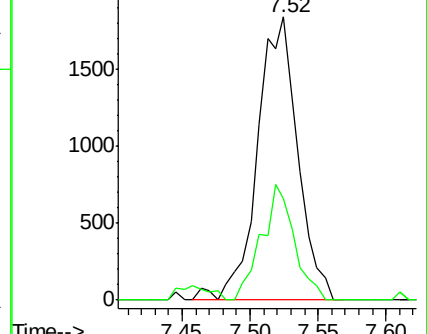
63 100

65 35.9 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 1.00 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

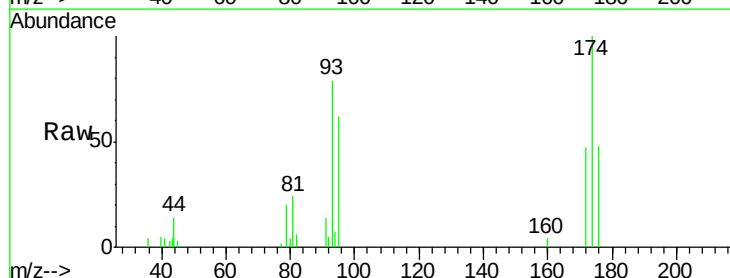
Tgt Ion: 93 Resp: 2894

Ion Ratio Lower Upper

93 100

95 79.9 65.9 98.9

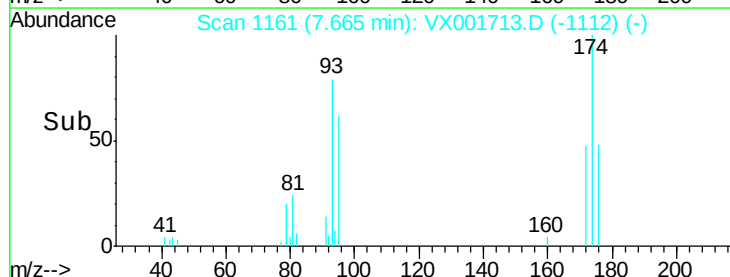
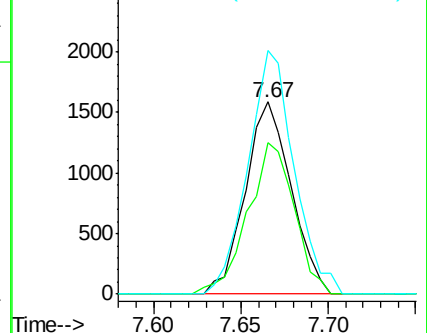
174 127.9 106.2 159.2

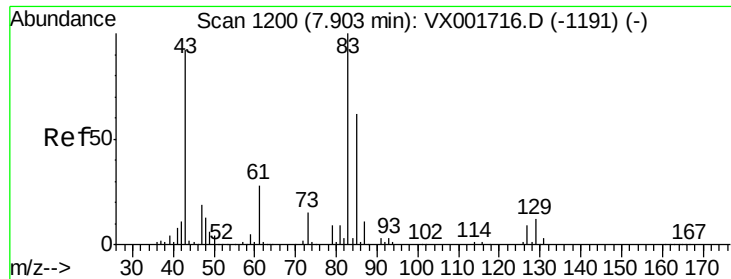


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.88 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

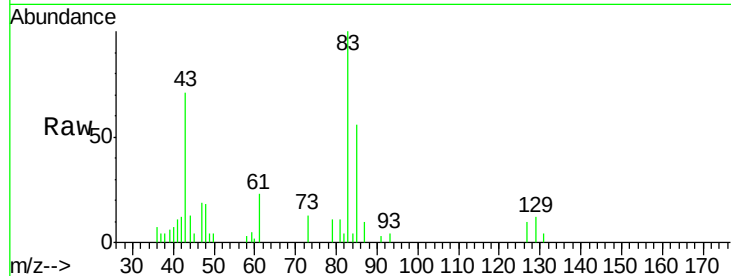
Tgt Ion: 83 Resp: 4752

Ion Ratio Lower Upper

83 100

85 56.3 49.6 74.4

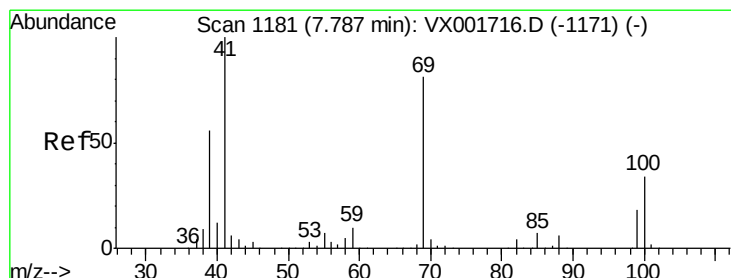
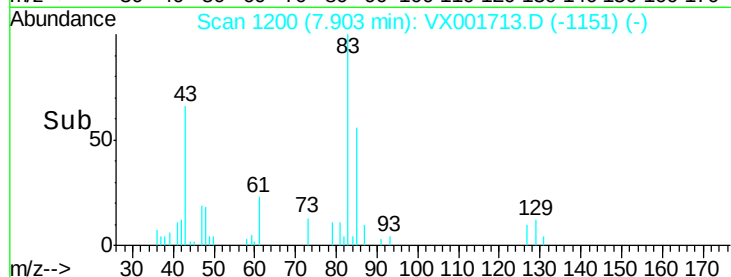
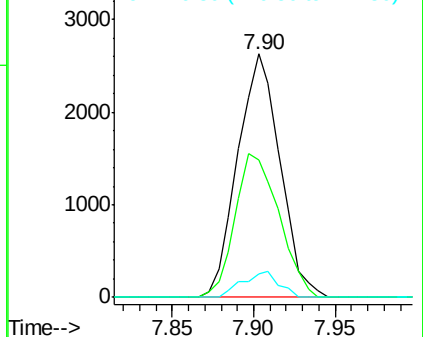
127 9.8 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.79 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

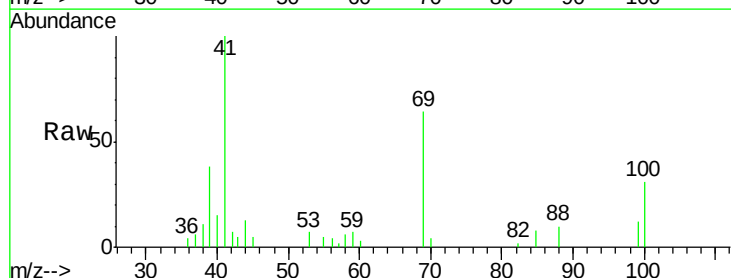
Tgt Ion: 41 Resp: 4081

Ion Ratio Lower Upper

41 100

69 79.0 65.2 97.8

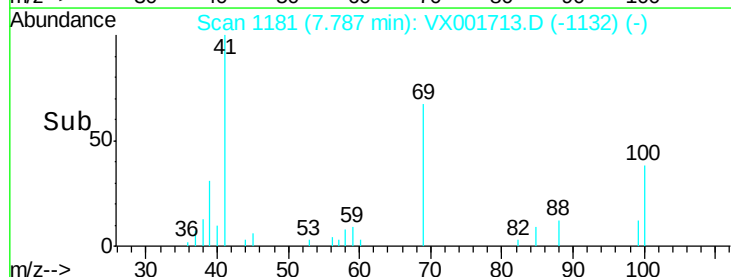
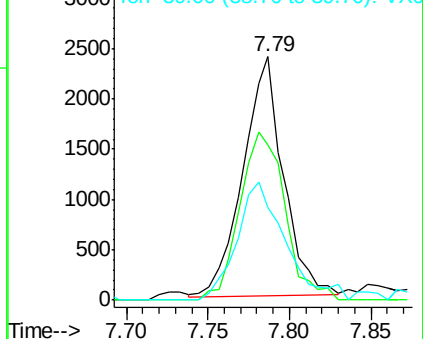
39 58.8 44.5 66.7

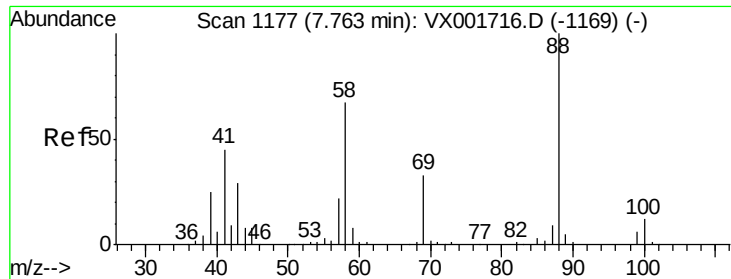


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

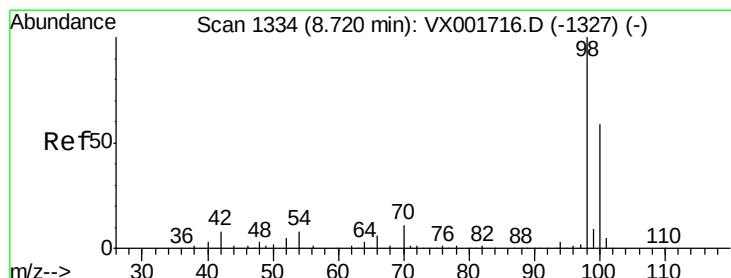
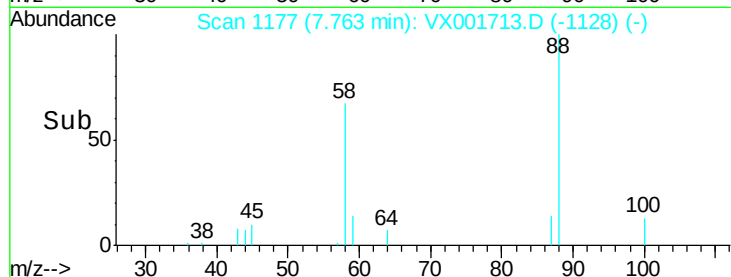
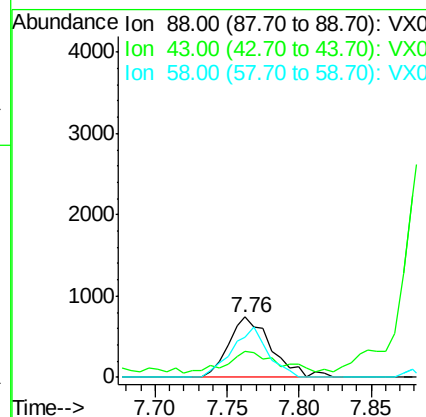
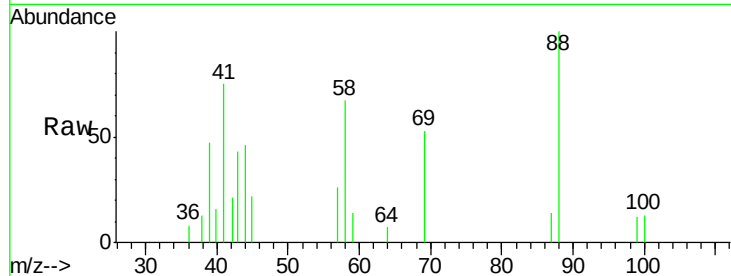




#49
1,4-Dioxane
Concen: 14.16 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

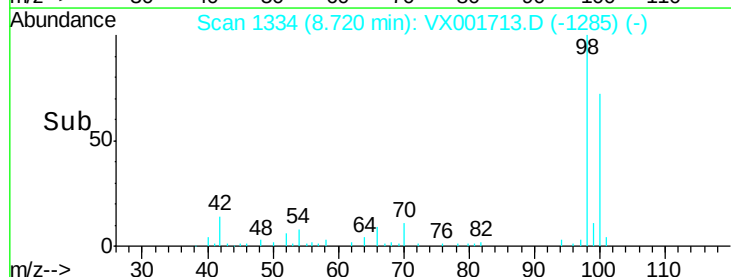
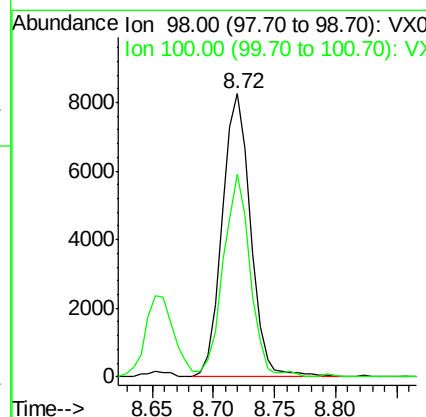
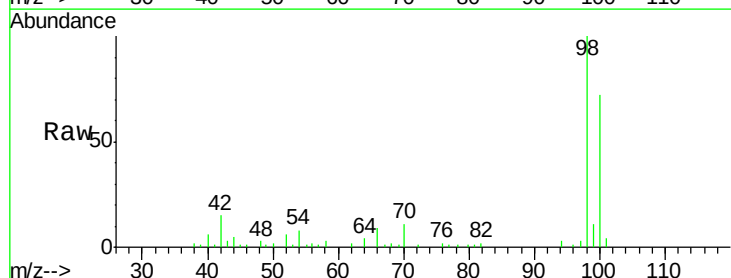
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

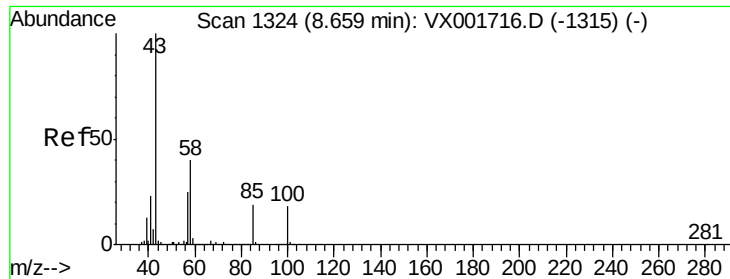
Tgt Ion: 88 Resp: 1537
Ion Ratio Lower Upper
88 100
43 40.6 27.3 40.9
58 69.5 55.9 83.9



#50
Toluene-d8
Concen: 0.92 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

Tgt Ion: 98 Resp: 13370
Ion Ratio Lower Upper
98 100
100 67.9 54.0 81.0

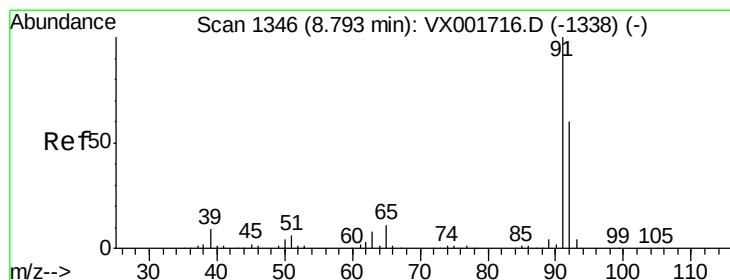
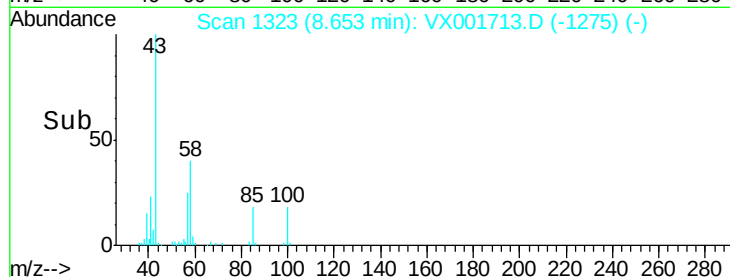
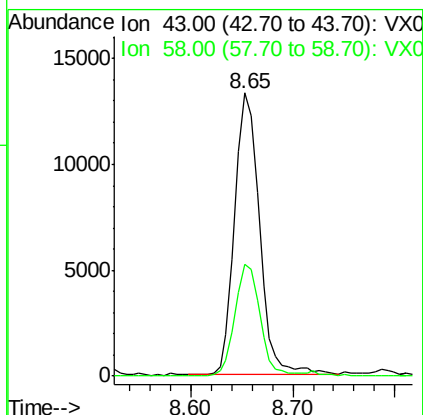
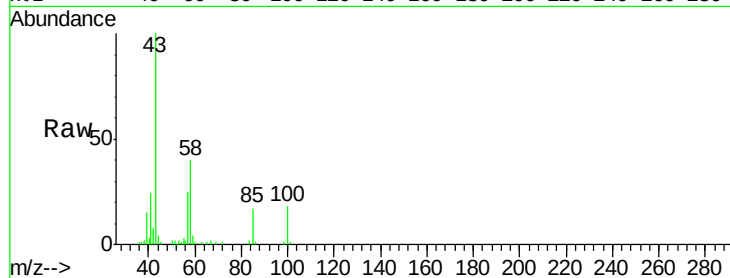




#51
 4-Methyl-2-Pentanone
 Concen: 3.61 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

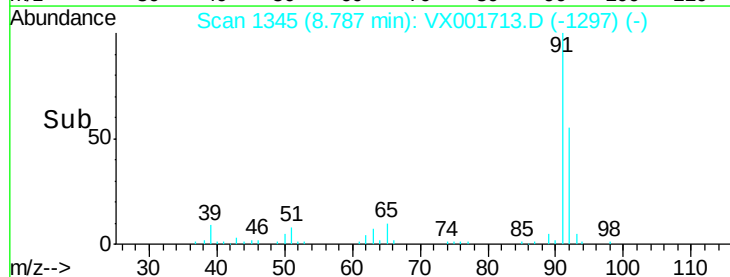
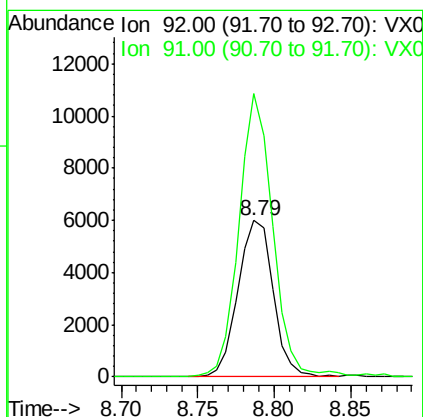
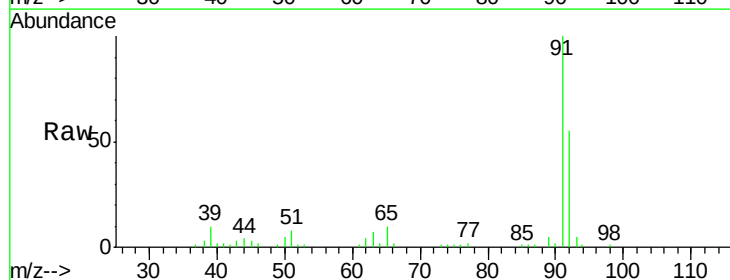
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

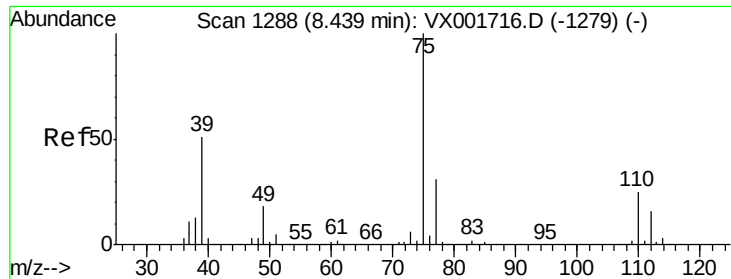
Tgt Ion: 43 Resp: 22606
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.4 47.0



#52
 Toluene
 Concen: 0.89 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

Tgt Ion: 92 Resp: 9624
 Ion Ratio Lower Upper
 92 100
 91 173.2 135.5 203.3

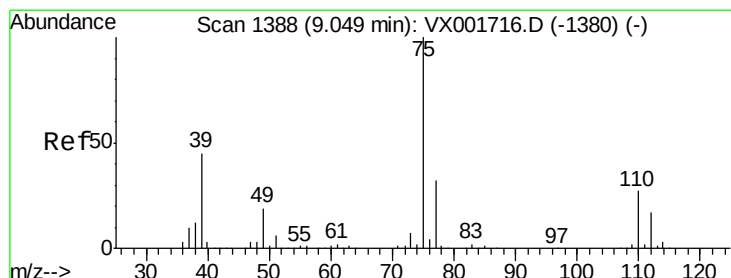
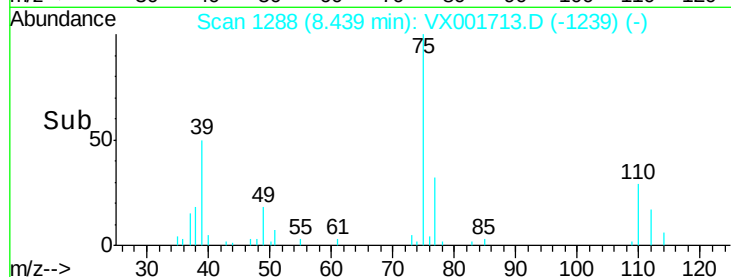
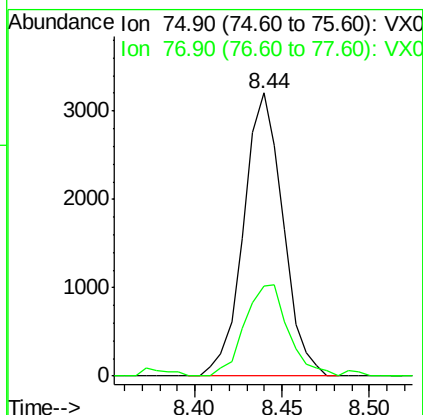
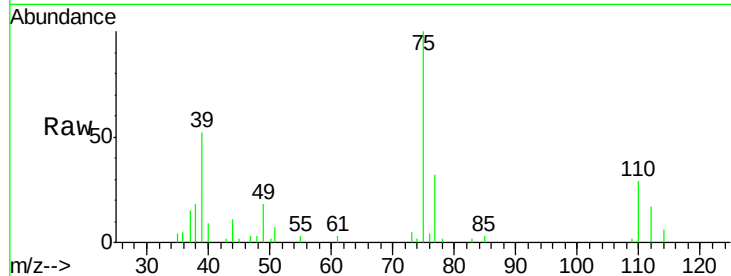




#53
t-1,3-Dichloropropene
Concen: 0.82 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

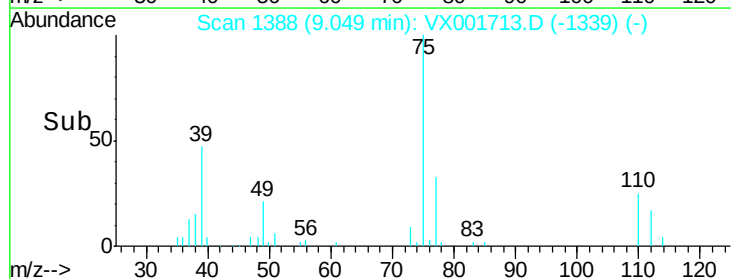
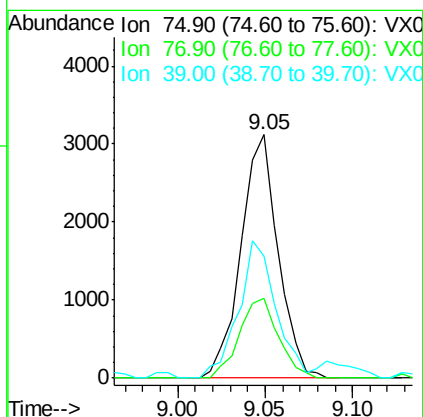
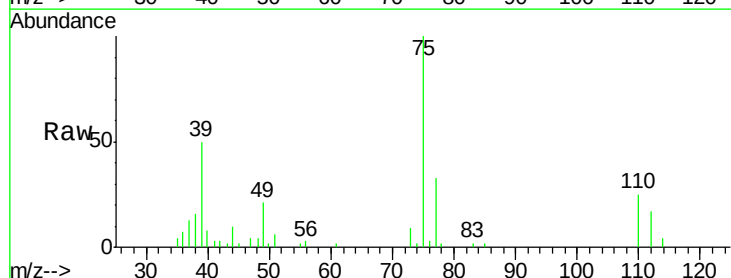
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

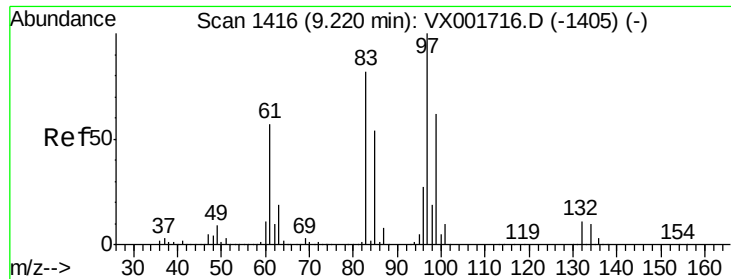
Tgt Ion: 75 Resp: 5026
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 0.84 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

Tgt Ion: 75 Resp: 4604
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2
39 49.9 36.1 54.1

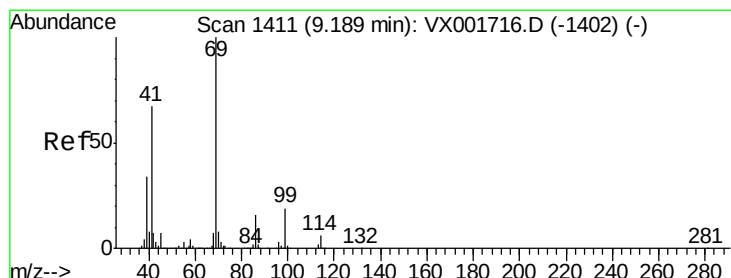
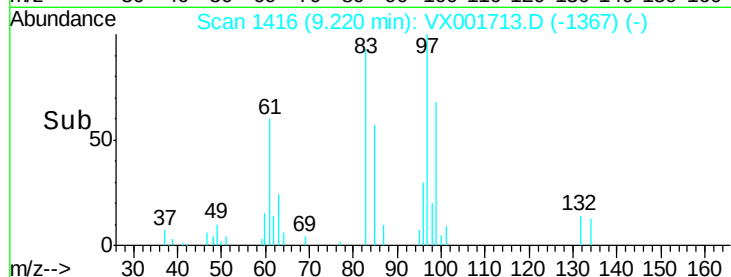
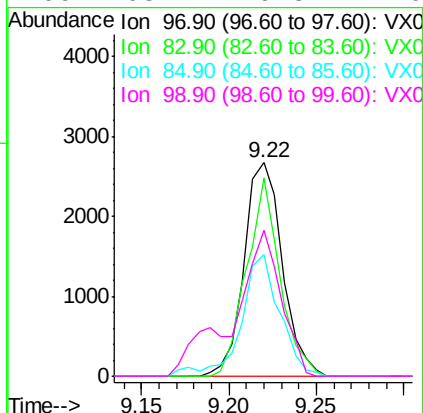
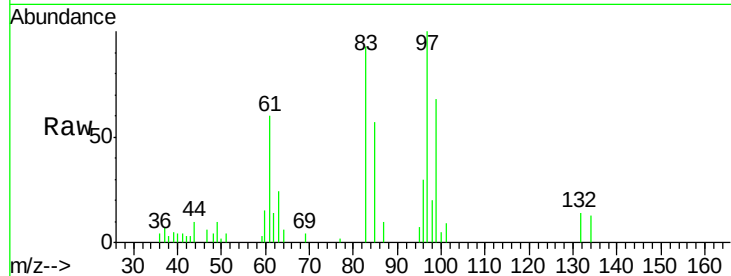




#55
 1,1,2-Trichloroethane
 Concen: 0.95 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

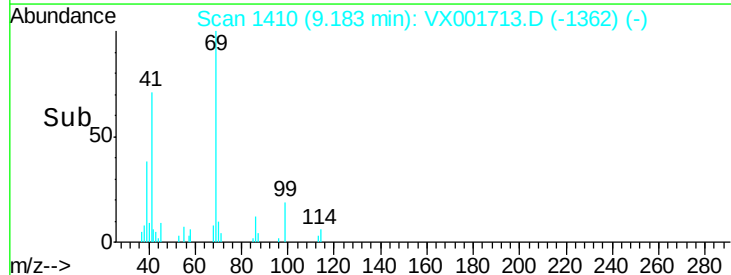
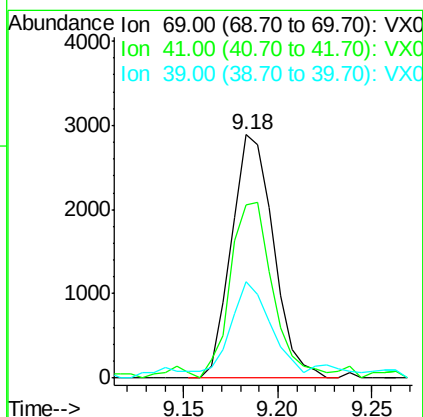
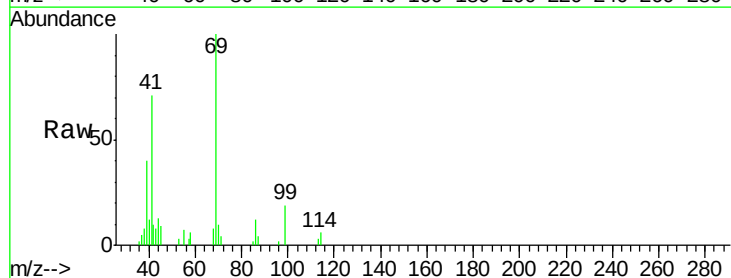
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

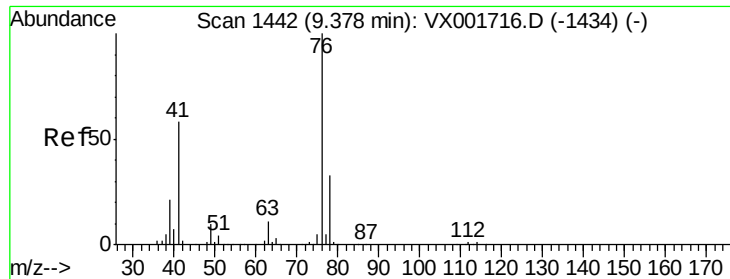
Tgt Ion:	97	Resp:	4076
Ion	Ratio	Lower	Upper
97	100		
83	92.9	65.8	98.8
85	57.2	43.4	65.0
99	68.1	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 0.72 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

Tgt Ion:	69	Resp:	4464
Ion	Ratio	Lower	Upper
69	100		
41	75.1	53.5	80.3
39	34.7	27.2	40.8

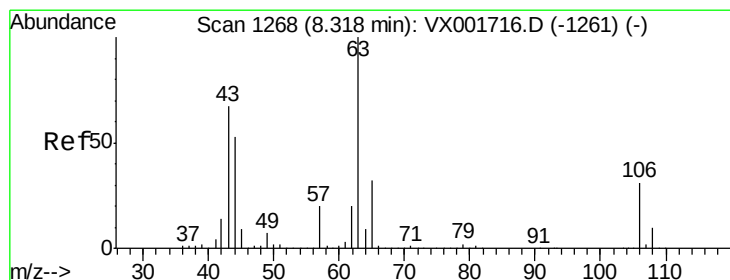
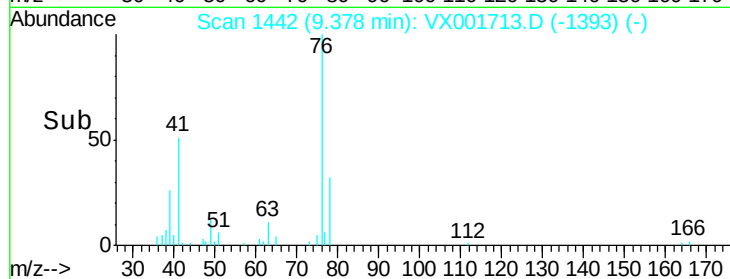
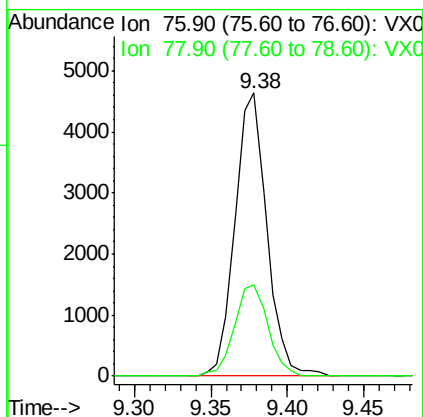
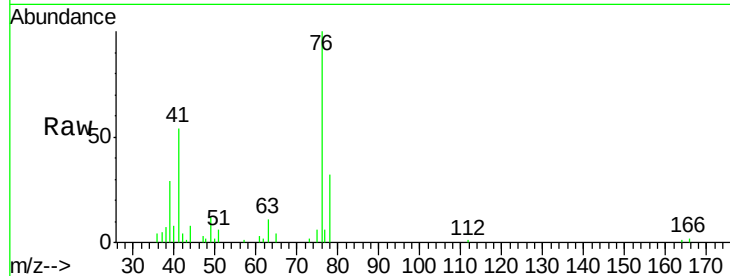




#57
 1,3-Dichloropropane
 Concen: 0.94 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

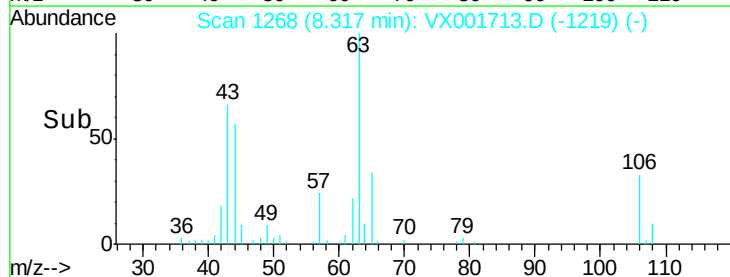
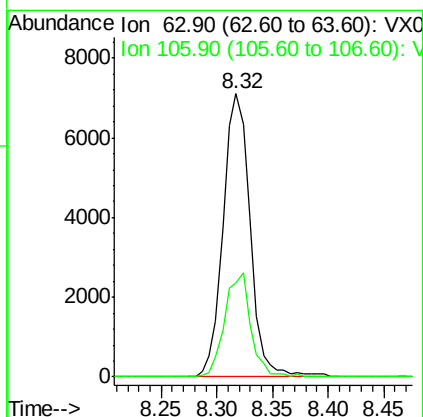
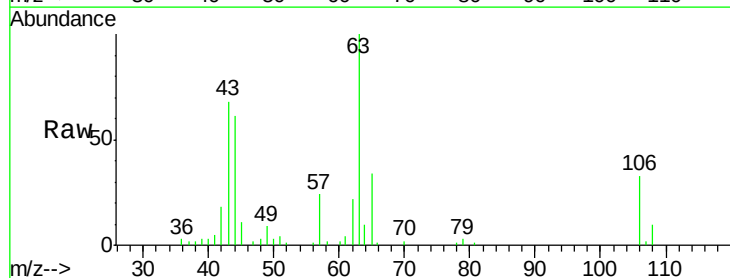
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

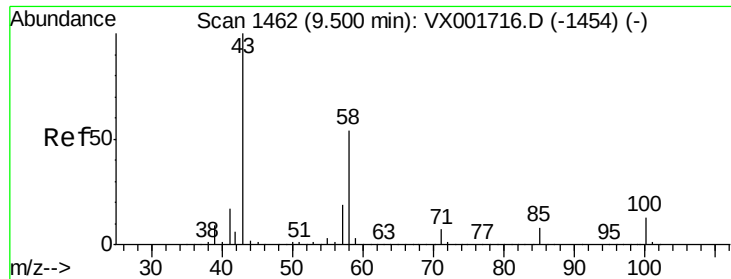
Tgt Ion: 76 Resp: 6683
 Ion Ratio Lower Upper
 76 100
 78 34.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.91 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

Tgt Ion: 63 Resp: 11994
 Ion Ratio Lower Upper
 63 100
 106 35.3 25.1 37.7

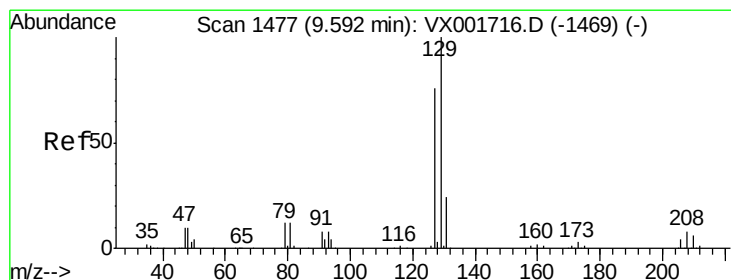
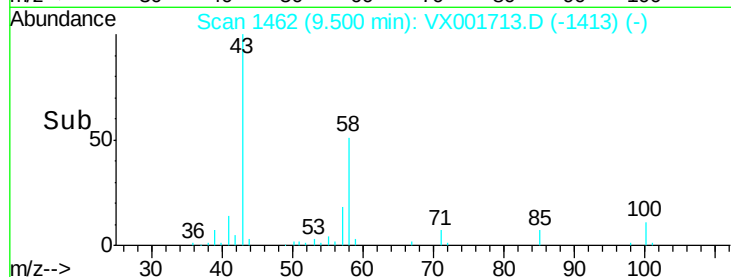
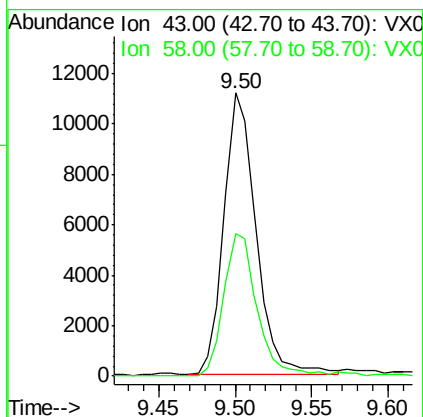
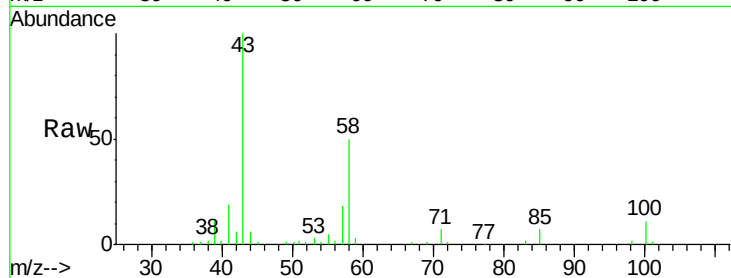




#59
2-Hexanone
Concen: 3.42 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

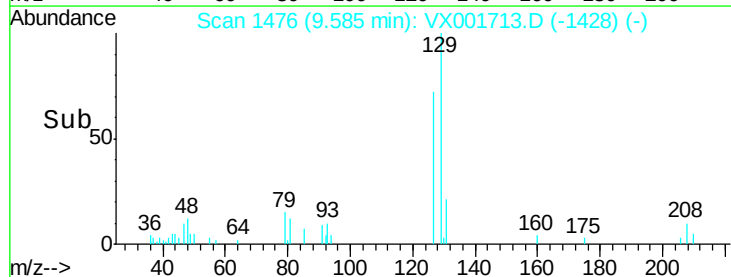
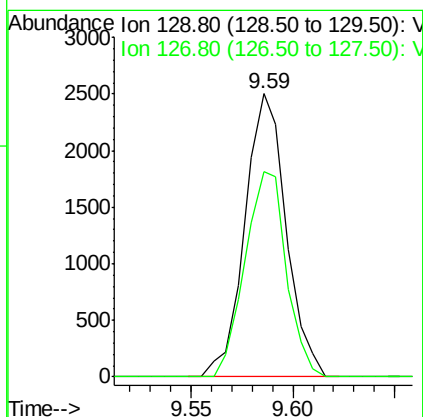
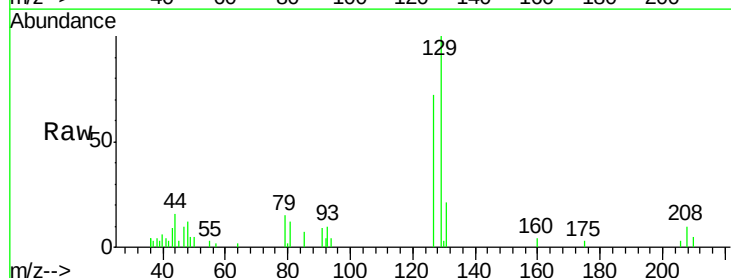
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

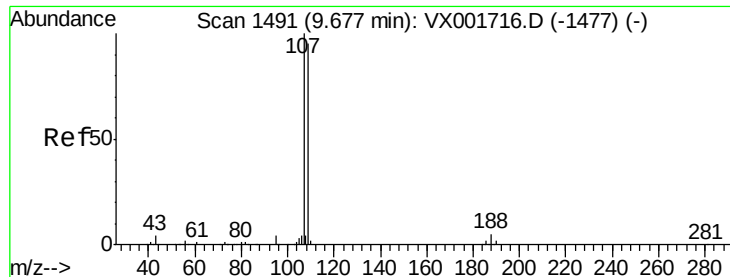
Tgt Ion: 43 Resp: 16191
Ion Ratio Lower Upper
43 100
58 52.6 27.7 83.1



#60
Dibromochloromethane
Concen: 0.80 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

Tgt Ion: 129 Resp: 3516
Ion Ratio Lower Upper
129 100
127 72.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 0.87 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

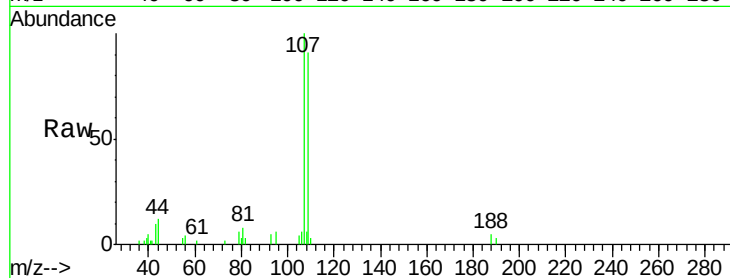
VSTDIC001

Tgt Ion: 107 Resp: 3946

Ion Ratio Lower Upper

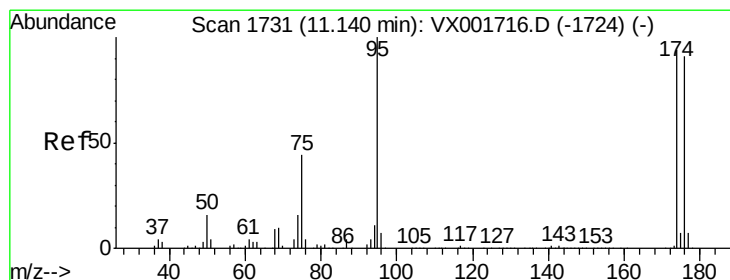
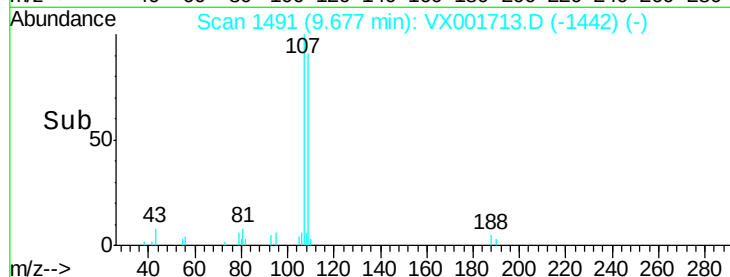
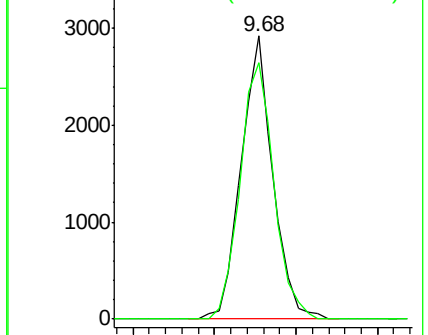
107 100

109 96.7 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 0.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

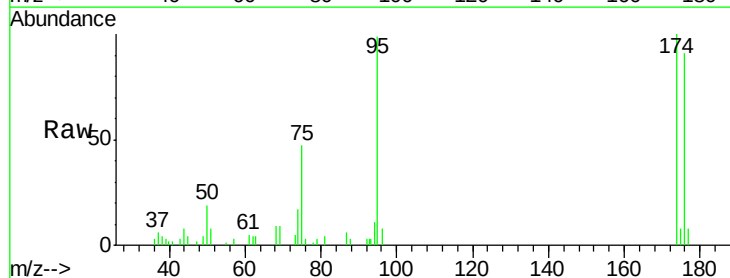
Tgt Ion: 95 Resp: 5133

Ion Ratio Lower Upper

95 100

174 102.1 0.0 201.8

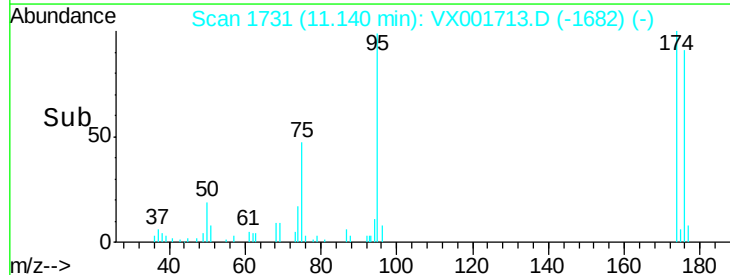
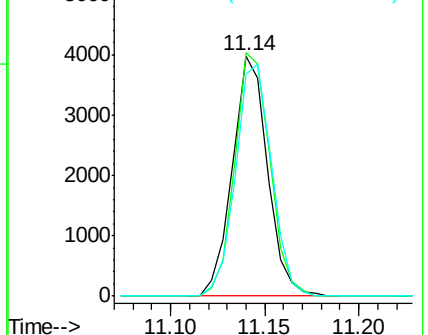
176 99.1 0.0 196.8

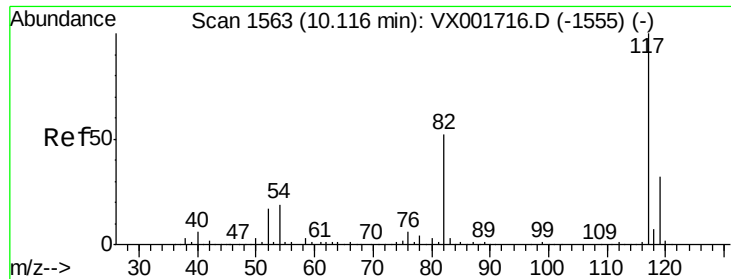


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

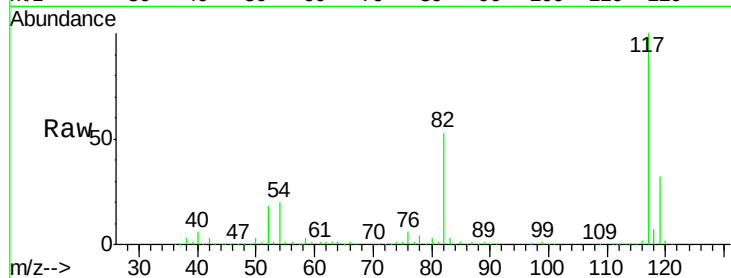




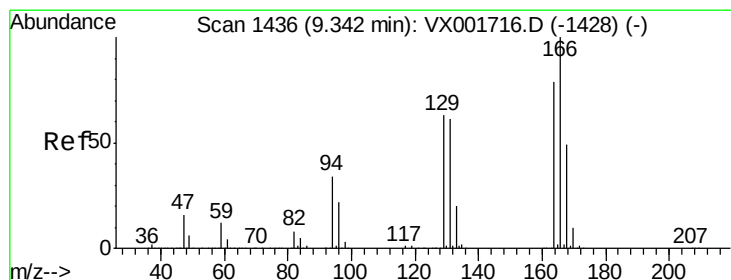
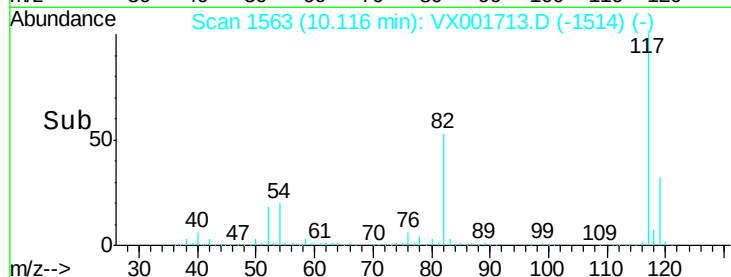
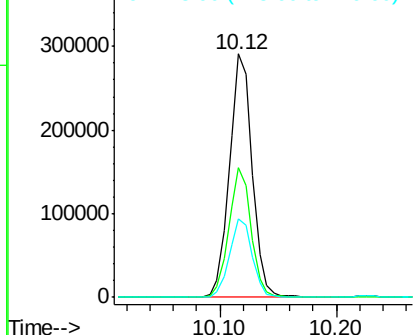
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 395565
Ion Ratio Lower Upper
117 100
82 53.4 41.4 62.2
119 32.0 25.6 38.4

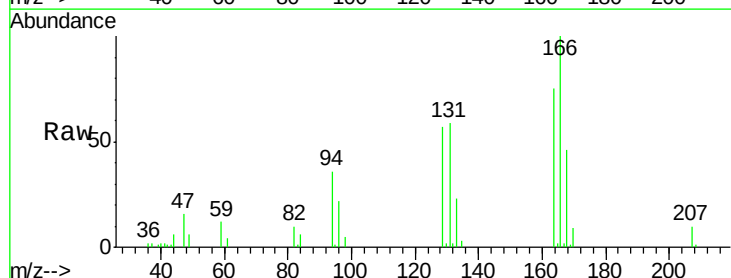


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

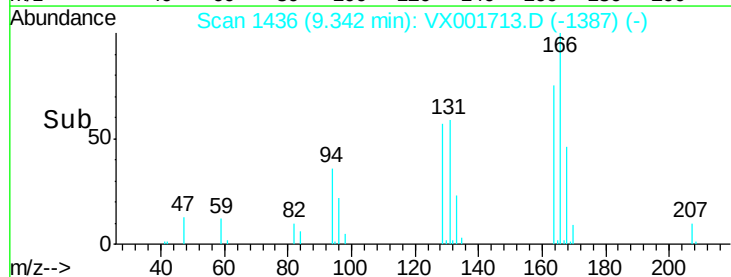
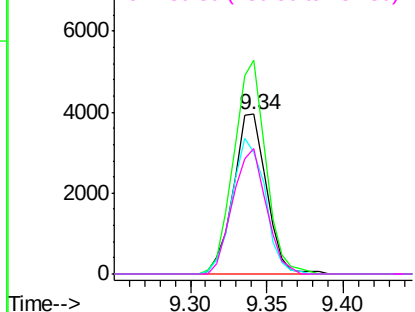


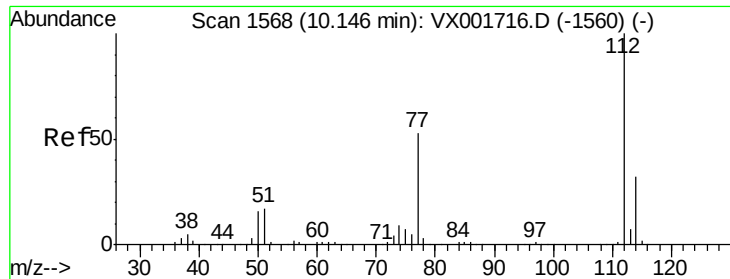
#64
Tetrachloroethene
Concen: 1.09 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

Tgt Ion:164 Resp: 5920
Ion Ratio Lower Upper
164 100
166 133.6 101.8 152.8
129 76.3 63.8 95.6
131 78.4 62.2 93.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

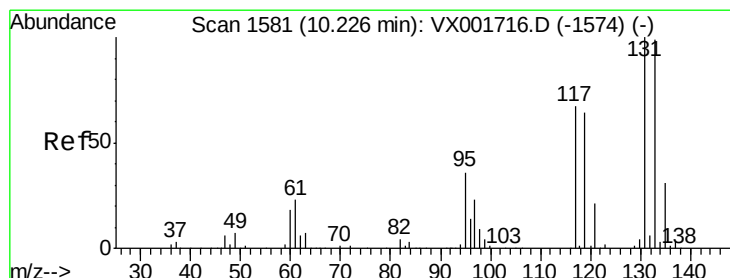
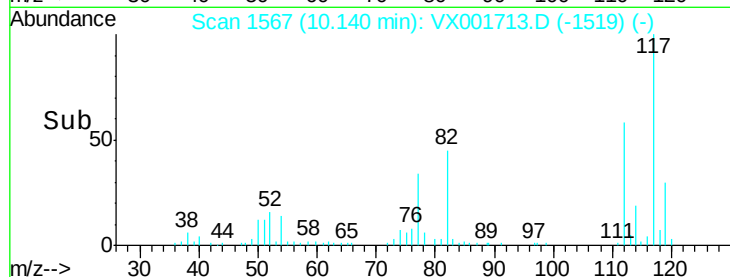
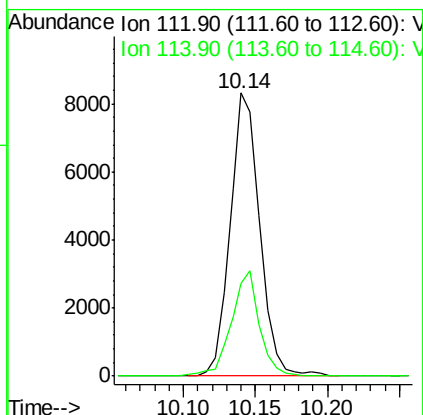
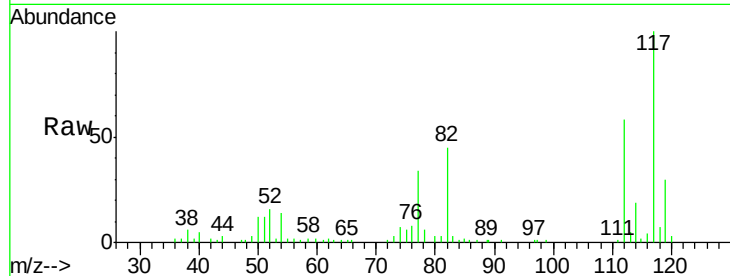




#65
Chlorobenzene
Concen: 1.04 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

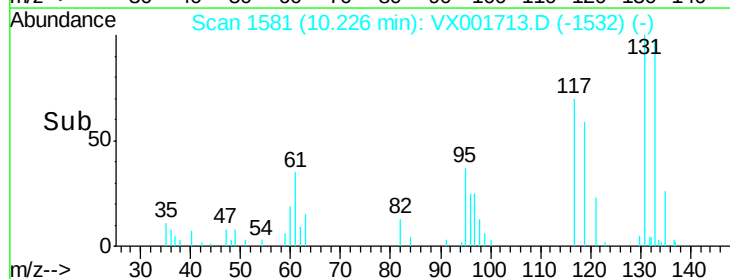
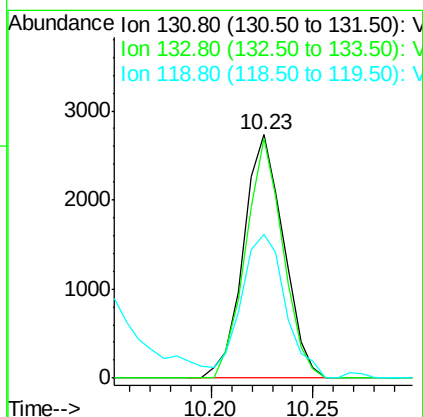
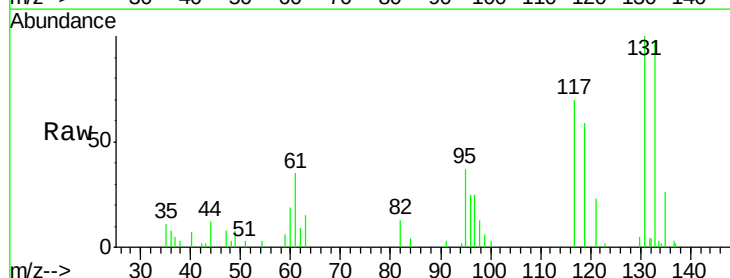
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

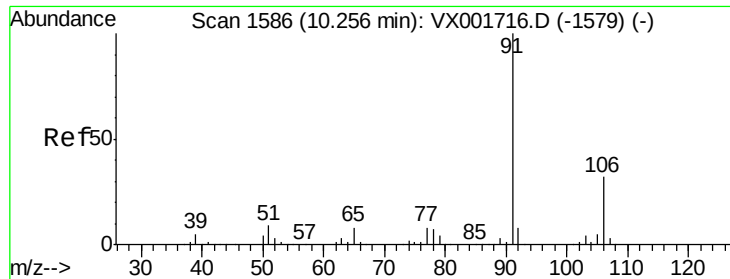
Tgt Ion:112 Resp: 11939
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.91 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

Tgt Ion:131 Resp: 3734
Ion Ratio Lower Upper
131 100
133 91.4 48.5 145.6
119 0.0 31.9 95.5#

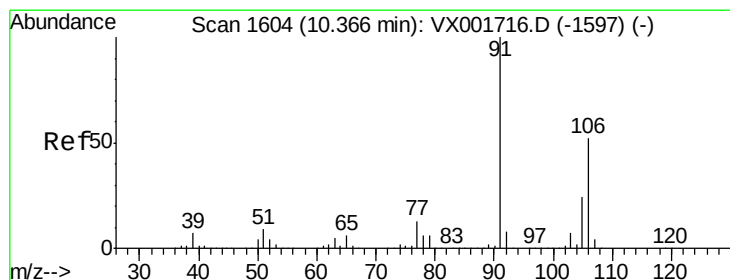
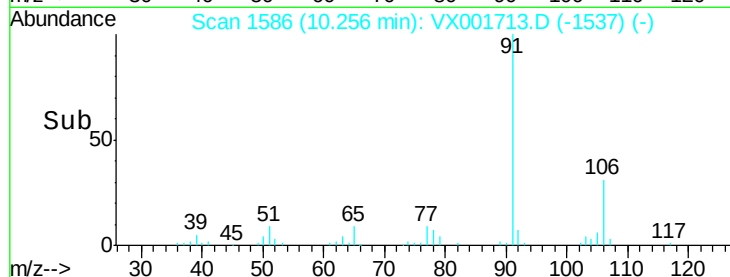
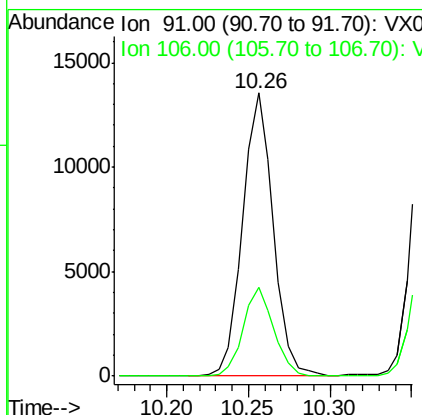
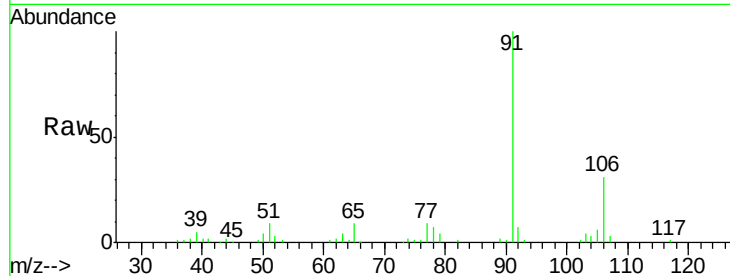




#67
 Ethyl Benzene
 Concen: 0.94 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

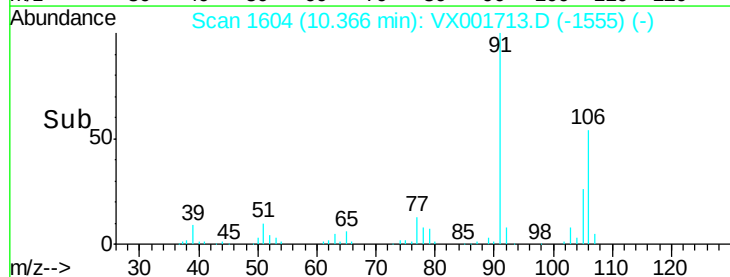
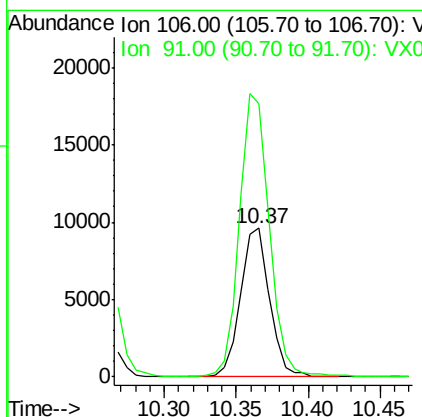
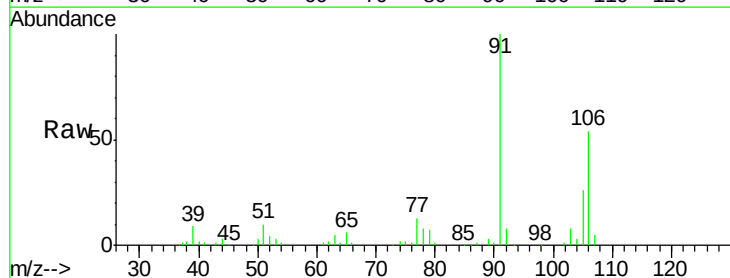
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

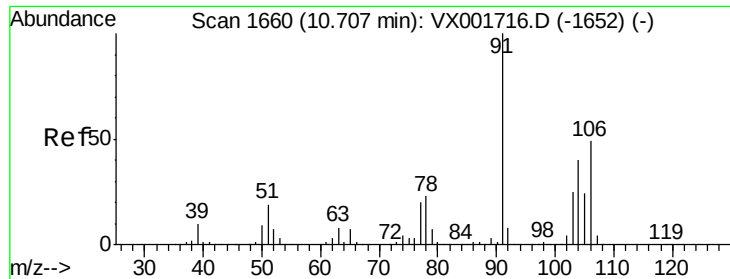
Tgt Ion: 91 Resp: 17722
 Ion Ratio Lower Upper
 91 100
 106 31.3 25.7 38.5



#68
 m/p-Xylenes
 Concen: 1.81 ug/l
 RT: 10.37 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

Tgt Ion: 106 Resp: 13443
 Ion Ratio Lower Upper
 106 100
 91 196.1 155.4 233.2

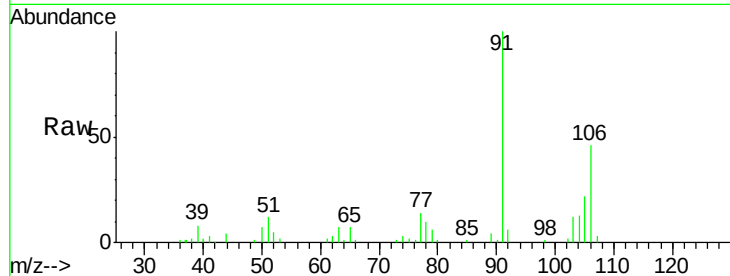




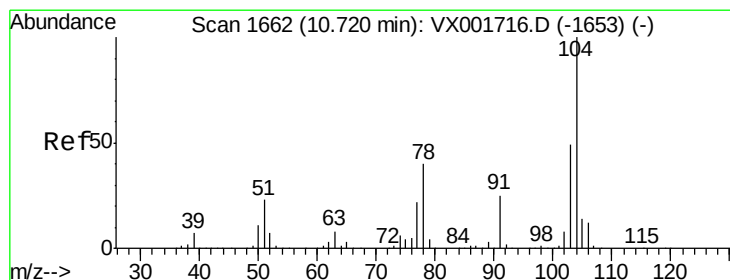
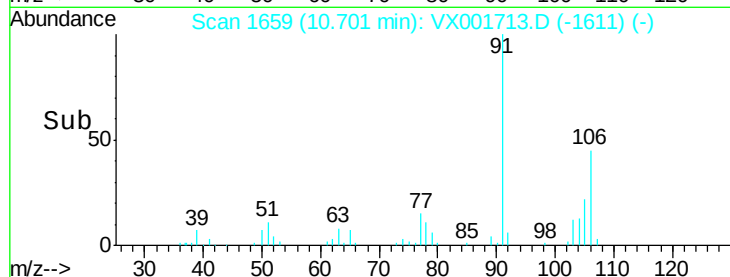
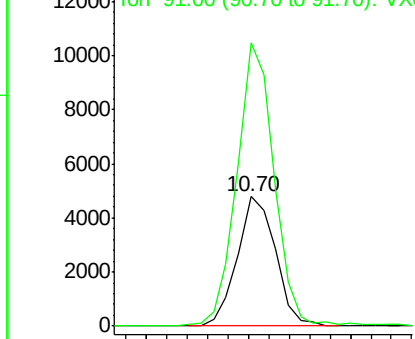
#69
o-Xylene
Concen: 0.86 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 6214
Ion Ratio Lower Upper
106 100
91 215.0 103.4 310.2

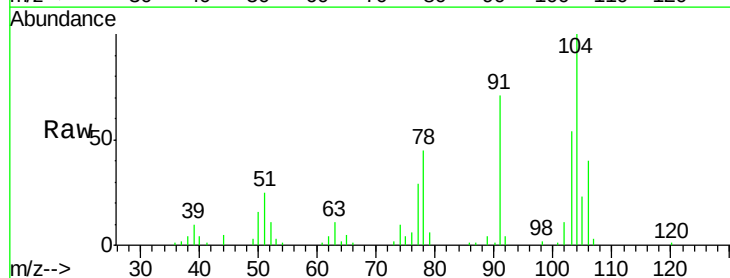


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

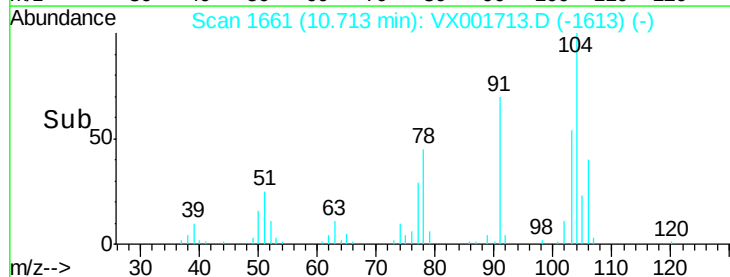
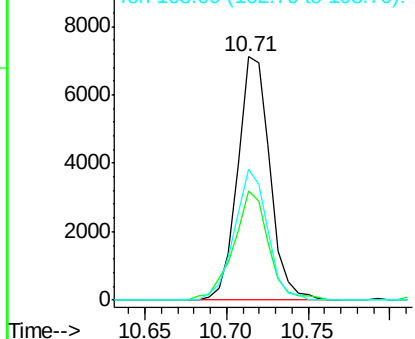


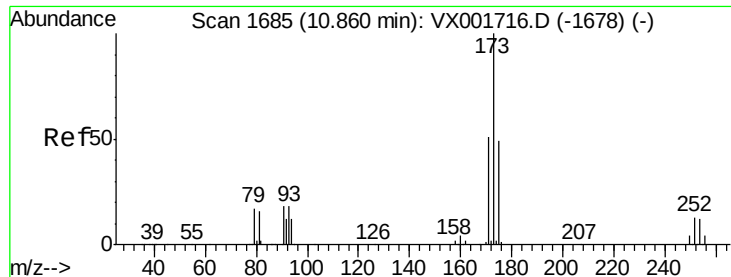
#70
Styrene
Concen: 0.84 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

Tgt Ion:104 Resp: 9783
Ion Ratio Lower Upper
104 100
78 48.7 37.3 55.9
103 55.2 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 0.76 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

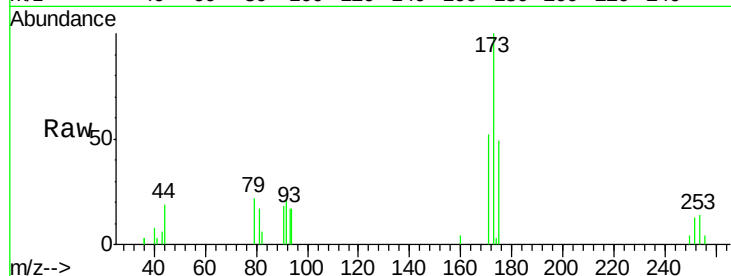
Tgt Ion:173 Resp: 2550

Ion Ratio Lower Upper

173 100

175 51.4 24.3 72.8

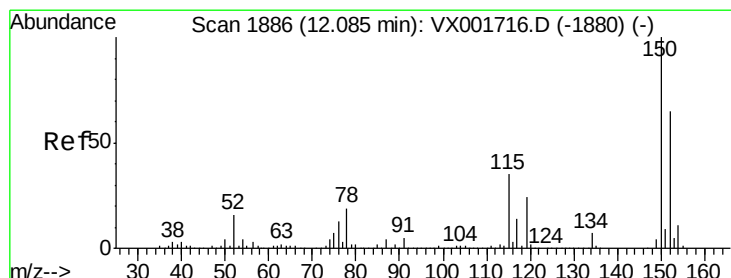
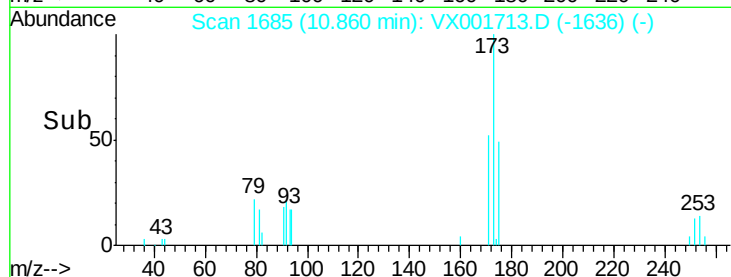
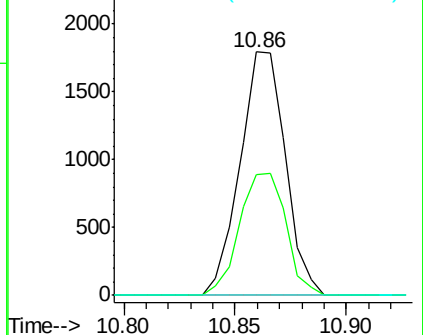
254 0.0 0.2 0.2#



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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

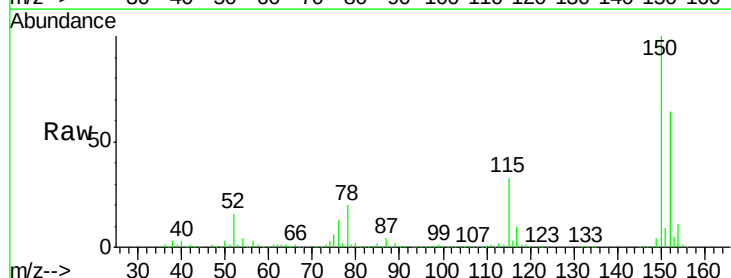
Tgt Ion:152 Resp: 258933

Ion Ratio Lower Upper

152 100

115 52.6 37.4 112.2

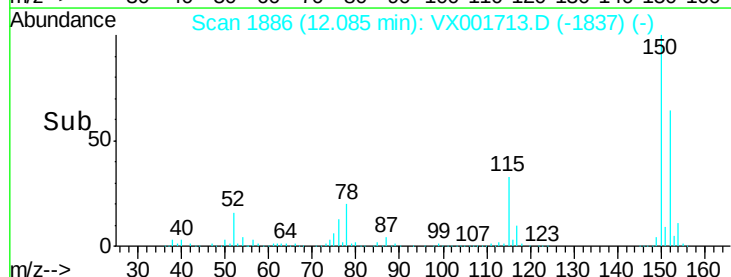
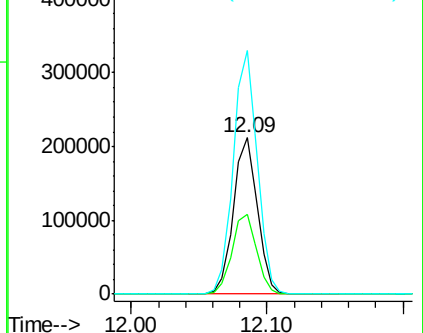
150 156.3 0.0 344.8

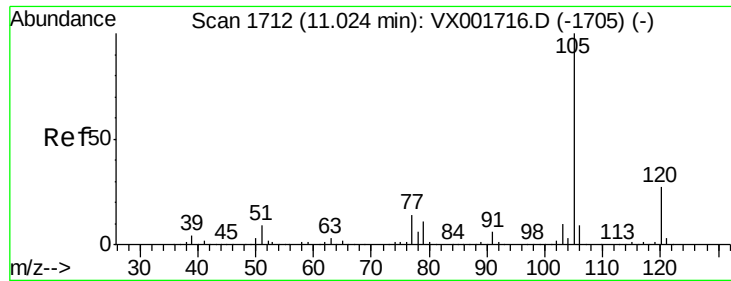


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.94 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

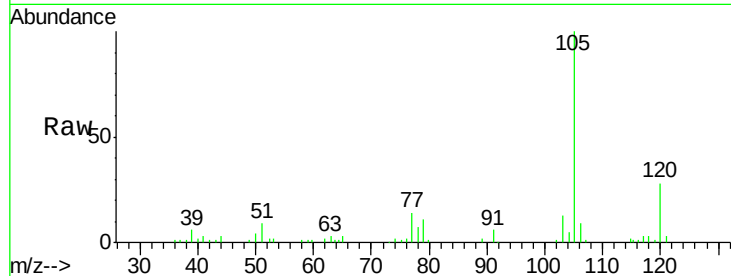
VSTDIC001

Tgt Ion: 105 Resp: 16884

Ion Ratio Lower Upper

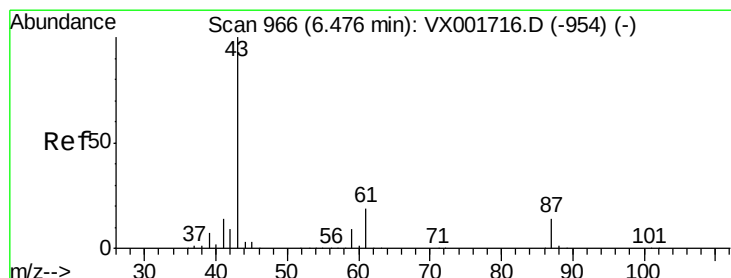
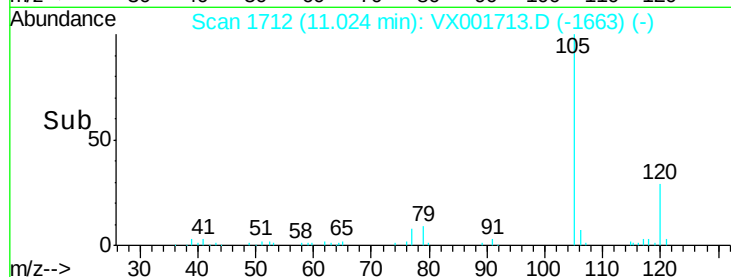
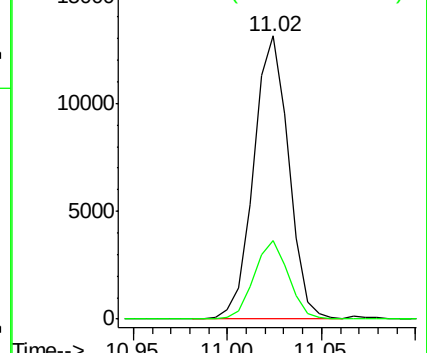
105 100

120 27.3 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.97 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Tgt Ion: 43 Resp: 7976

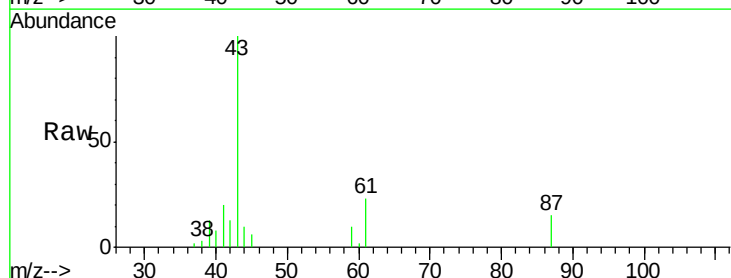
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.9 15.8 23.8

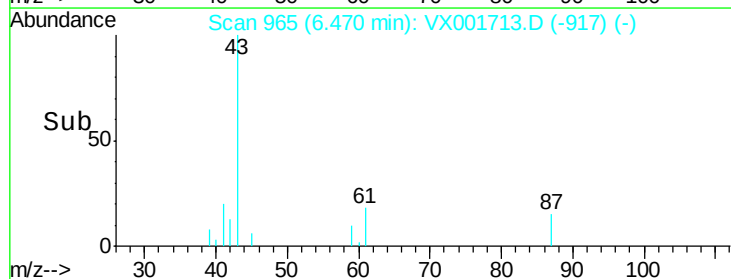
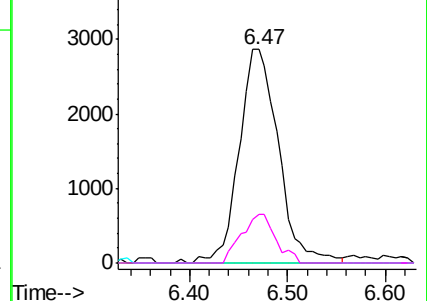


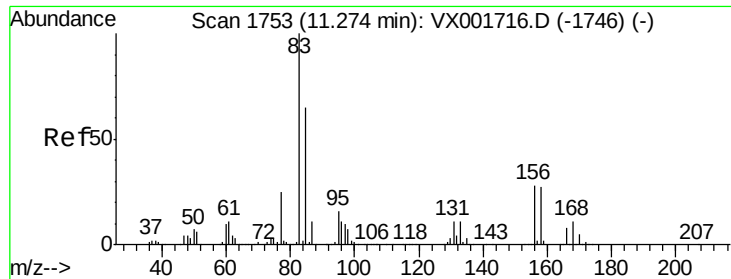
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 1.01 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

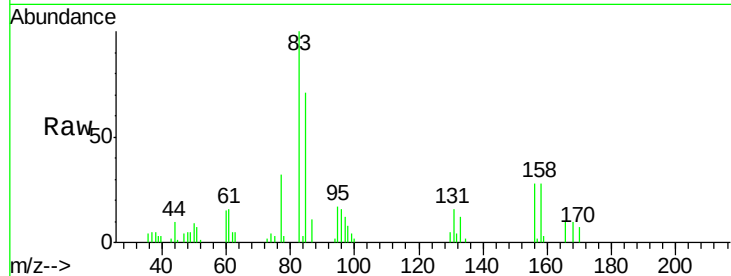
Tgt Ion: 83 Resp: 5313

Ion Ratio Lower Upper

83 100

131 12.6 5.7 17.0

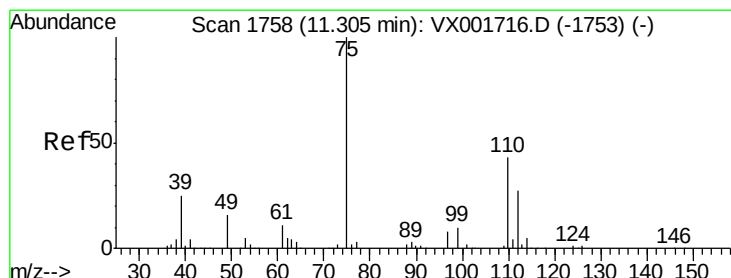
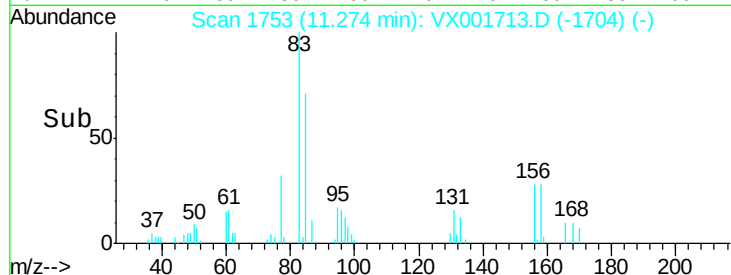
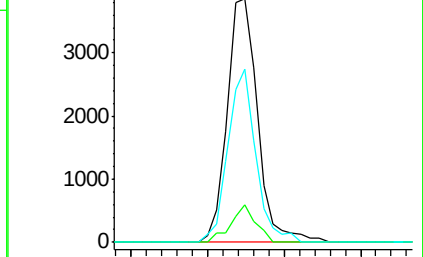
85 65.6 32.7 98.1



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: 1.04 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001713.D

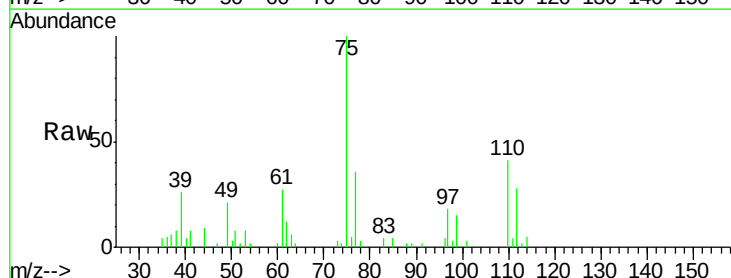
Acq: 14 May 2018 16:57

Tgt Ion: 75 Resp: 5471

Ion Ratio Lower Upper

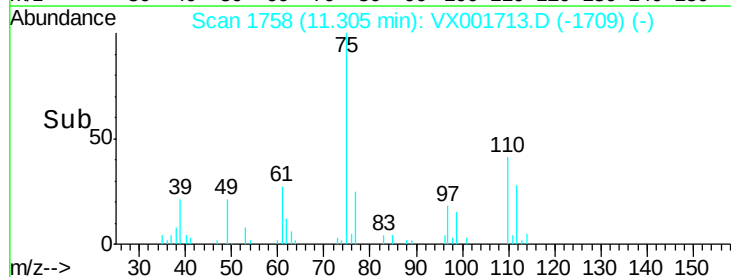
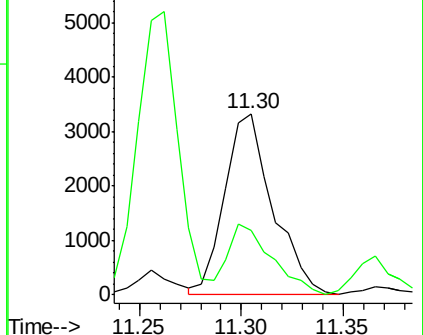
75 100

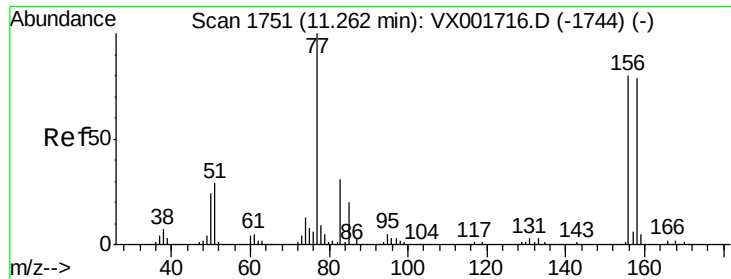
77 35.1 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.02 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

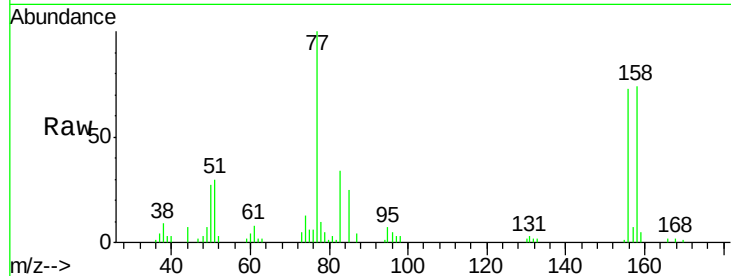
Tgt Ion:156 Resp: 5305

Ion Ratio Lower Upper

156 100

77 136.6 65.3 196.0

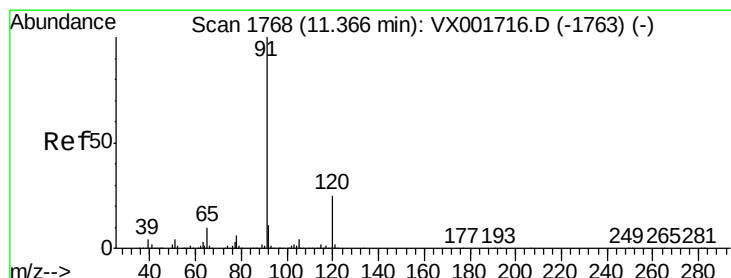
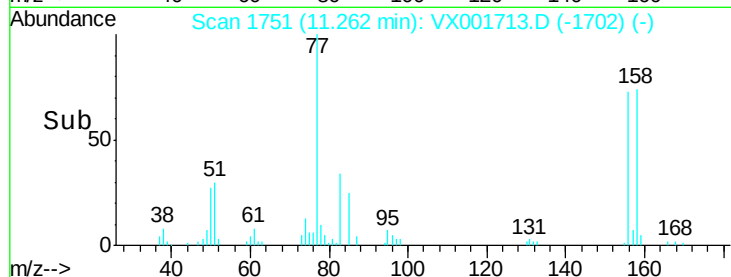
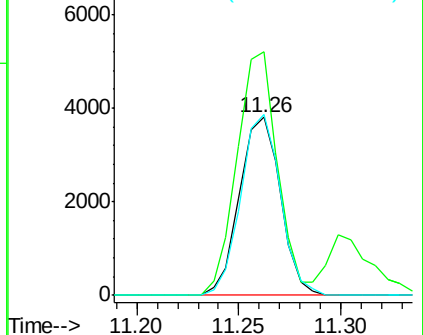
158 98.7 49.1 147.3



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: 1.01 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001713.D

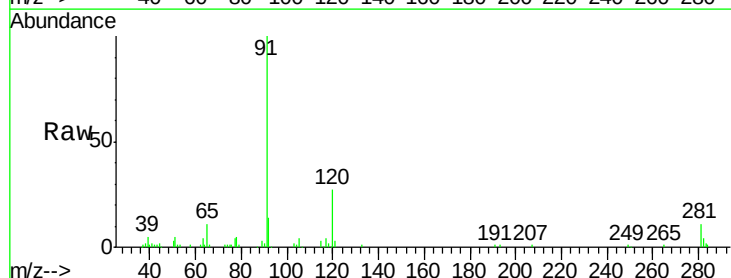
Acq: 14 May 2018 16:57

Tgt Ion: 91 Resp: 19746

Ion Ratio Lower Upper

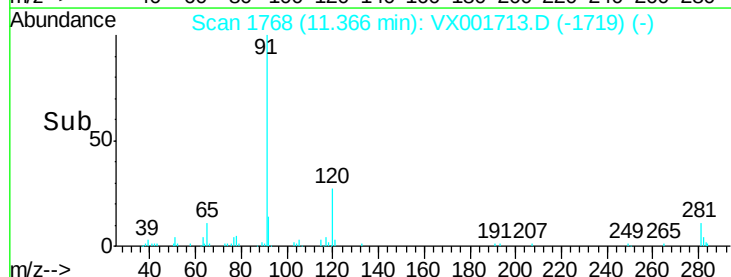
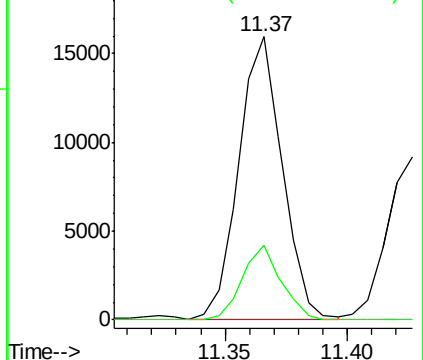
91 100

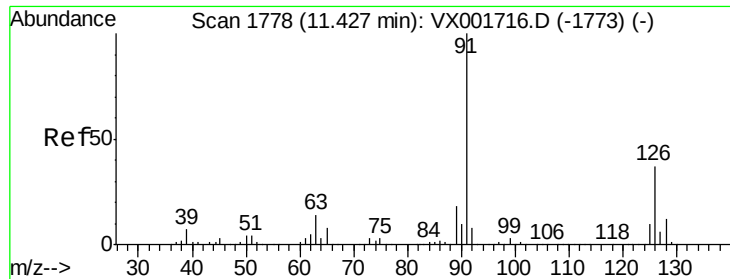
120 23.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.00 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

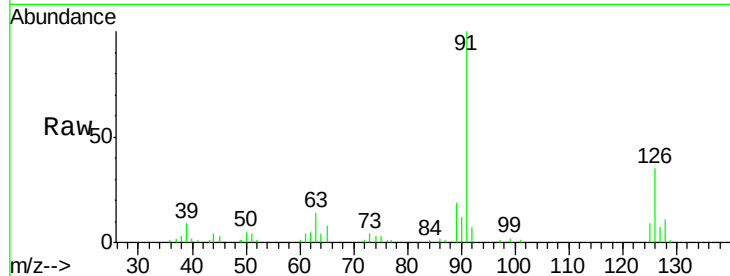
VSTDIC001

Tgt Ion: 91 Resp: 11935

Ion Ratio Lower Upper

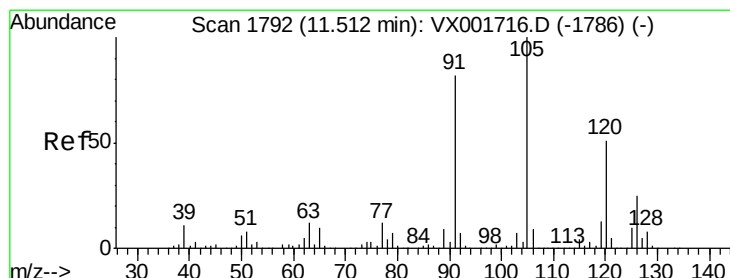
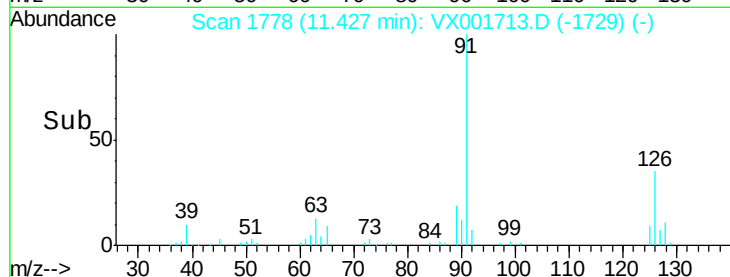
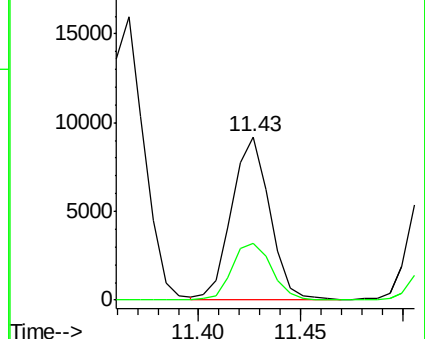
91 100

126 36.2 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX001713.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001713.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.86 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001713.D

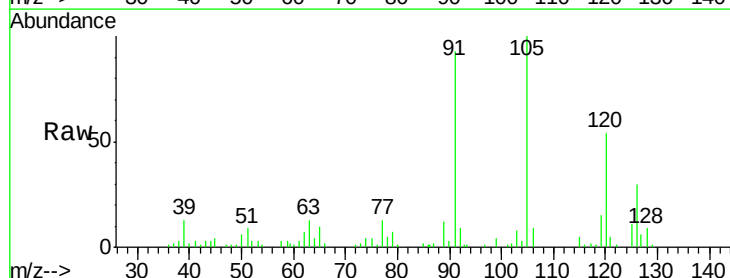
Acq: 14 May 2018 16:57

Tgt Ion: 105 Resp: 12844

Ion Ratio Lower Upper

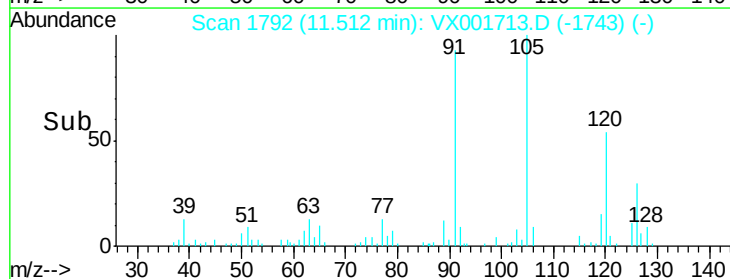
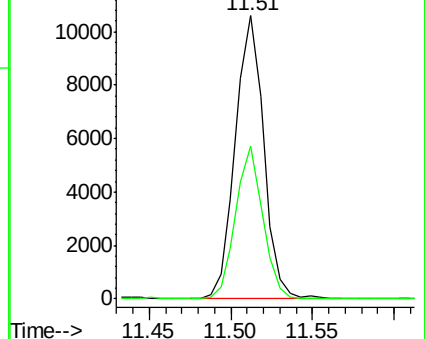
105 100

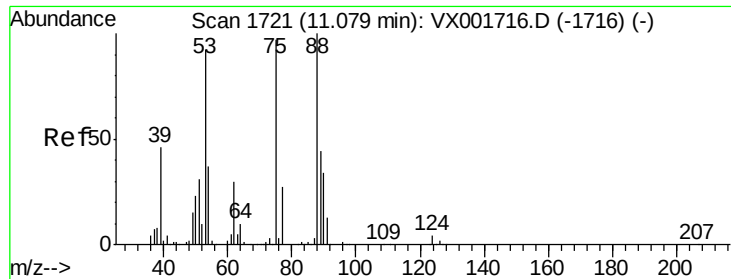
120 51.3 25.7 77.0



Abundance Ion 105.00 (104.70 to 105.70): VX001713.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX001713.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.77 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

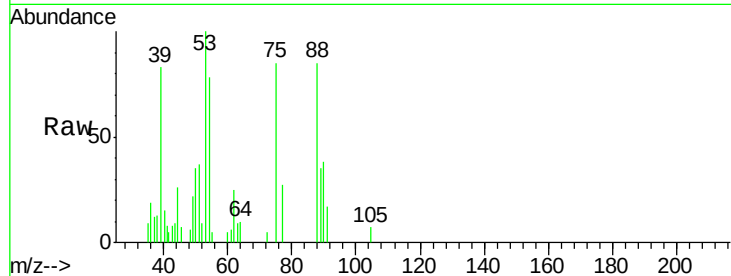
Tgt Ion: 75 Resp: 1063

Ion Ratio Lower Upper

75 100

53 132.5 79.4 119.2#

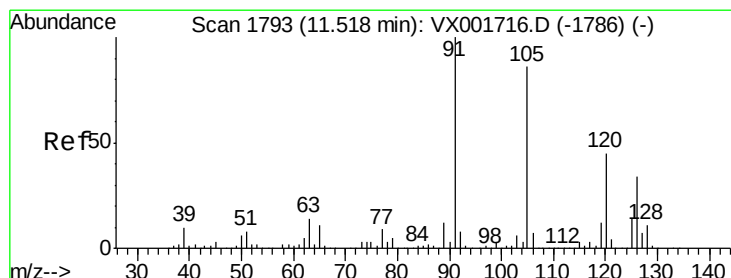
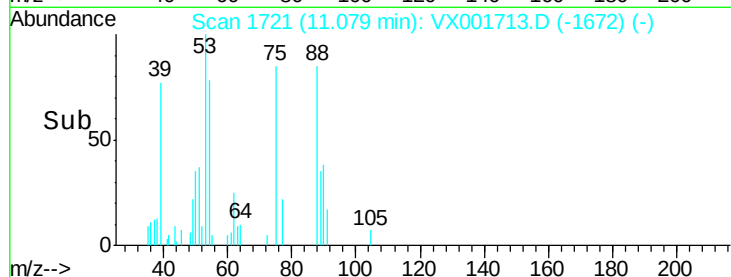
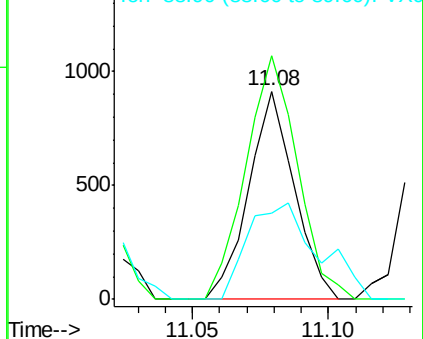
89 70.9 38.8 58.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 1.02 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001713.D

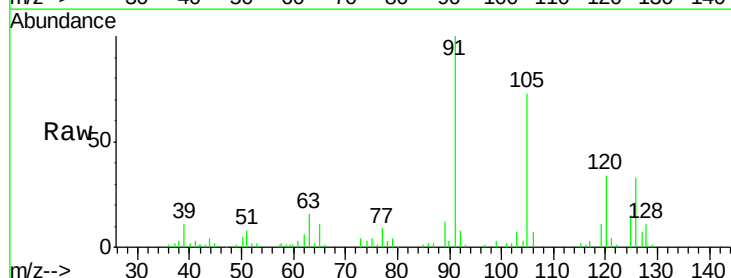
Acq: 14 May 2018 16:57

Tgt Ion: 91 Resp: 14068

Ion Ratio Lower Upper

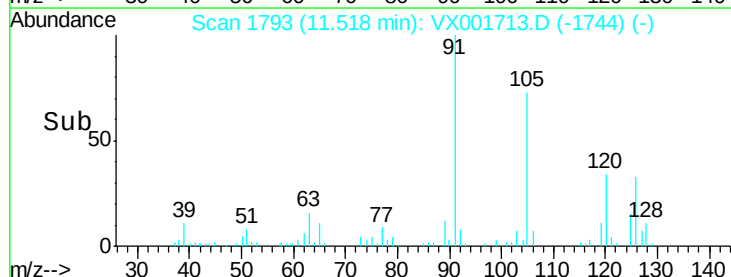
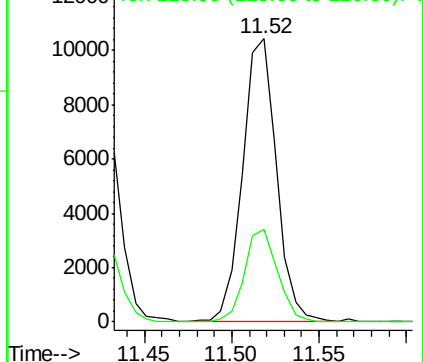
91 100

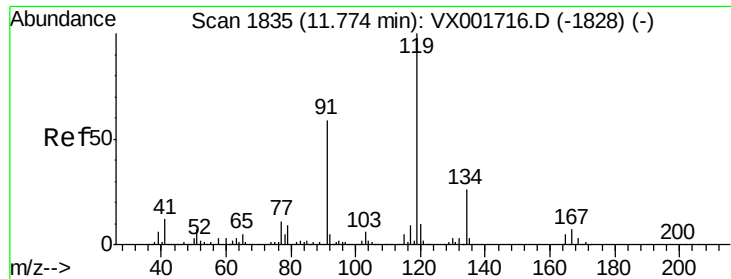
126 31.7 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

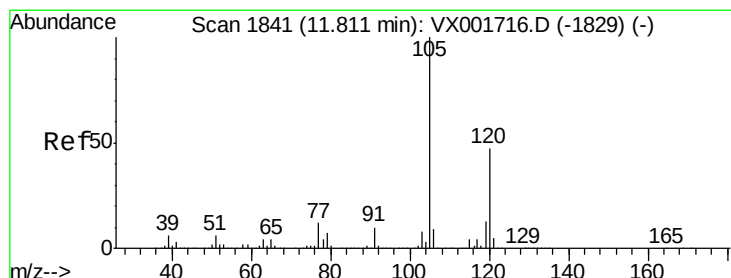
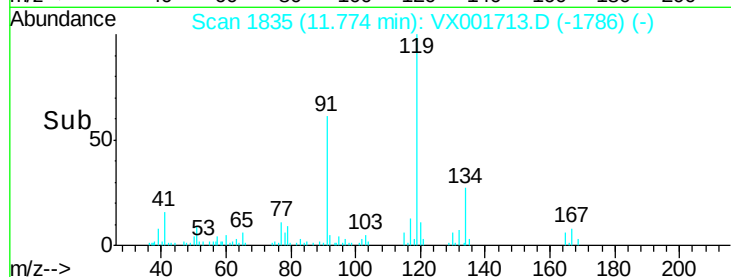
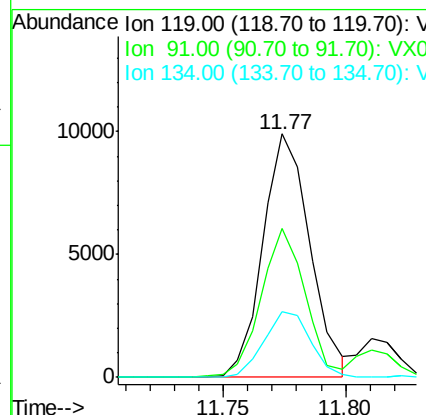
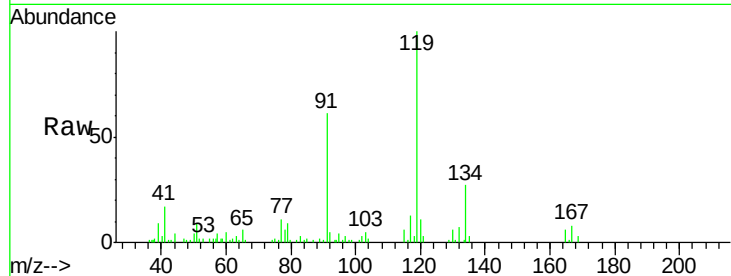




#83
 tert-Butylbenzene
 Concen: 0.90 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

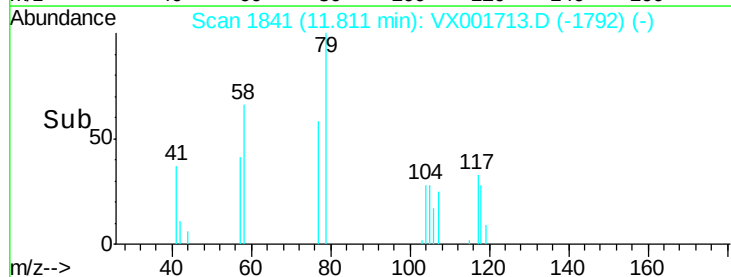
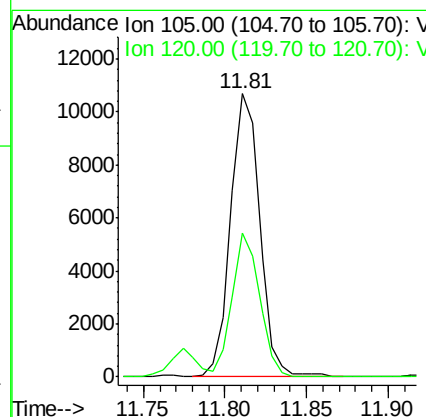
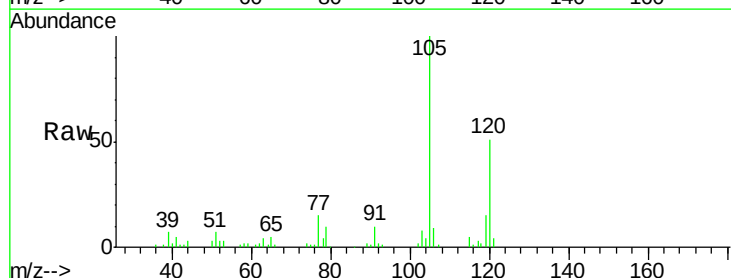
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

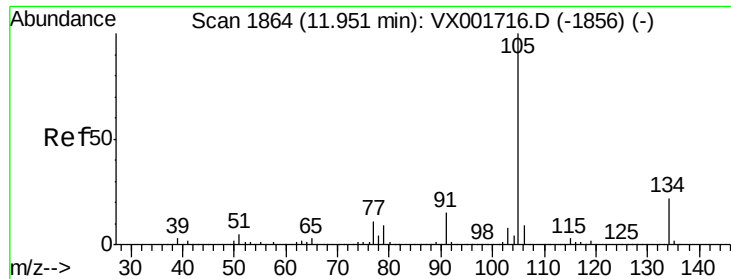
Tgt Ion:119 Resp: 13250
 Ion Ratio Lower Upper
 119 100
 91 57.5 27.7 83.0
 134 26.6 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.87 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

Tgt Ion:105 Resp: 13336
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.5 70.5





#85

sec-Butylbenzene

Concen: 0.95 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

Instrument :

MSVOA_X

ClientSampleId :

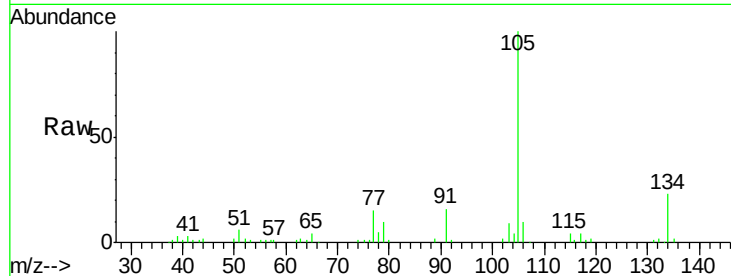
VSTDIC001

Tgt Ion:105 Resp: 16872

Ion Ratio Lower Upper

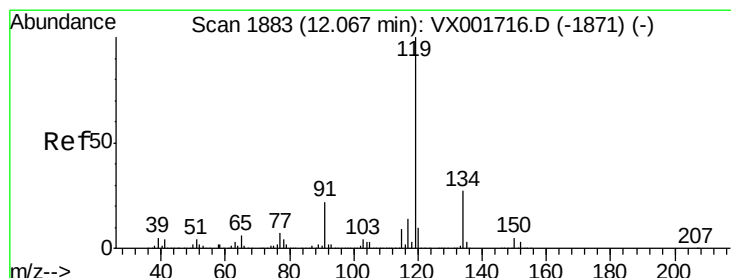
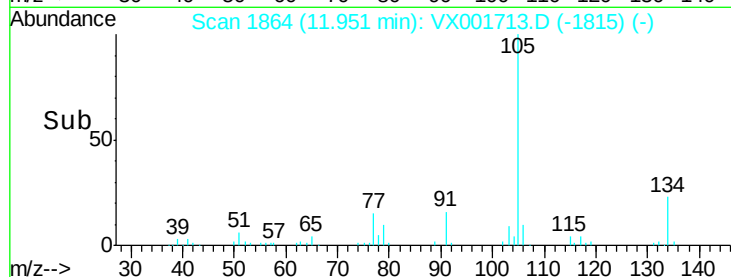
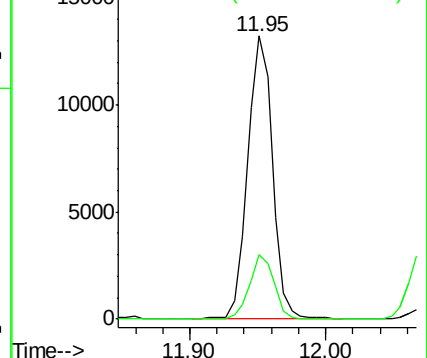
105 100

134 22.3 10.9 32.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.95 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001713.D

Acq: 14 May 2018 16:57

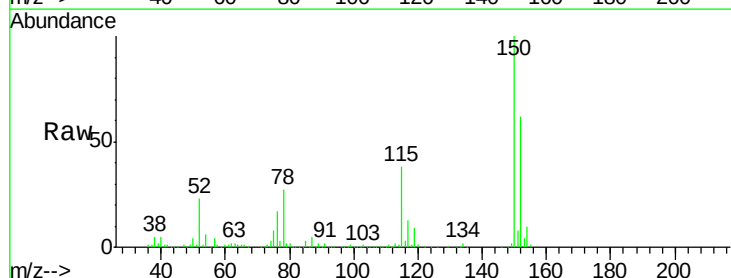
Tgt Ion:119 Resp: 15388

Ion Ratio Lower Upper

119 100

134 28.2 13.6 40.8

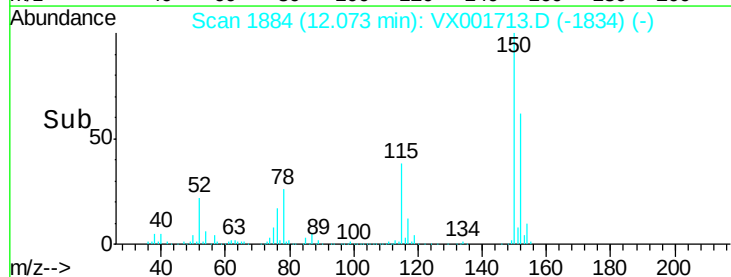
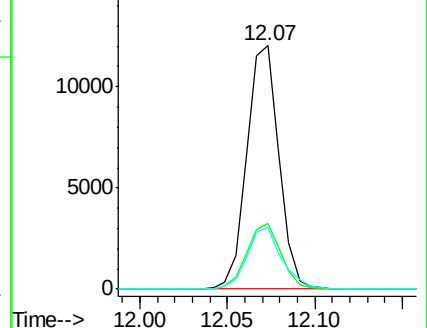
91 27.3 10.7 32.1

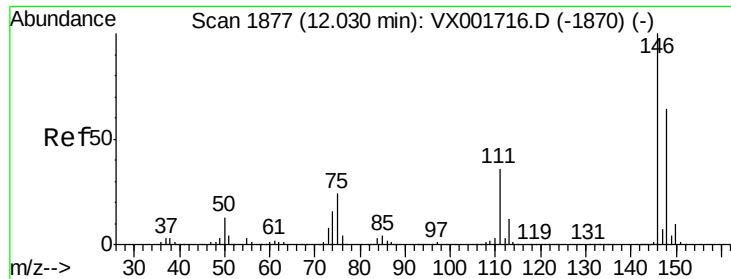


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

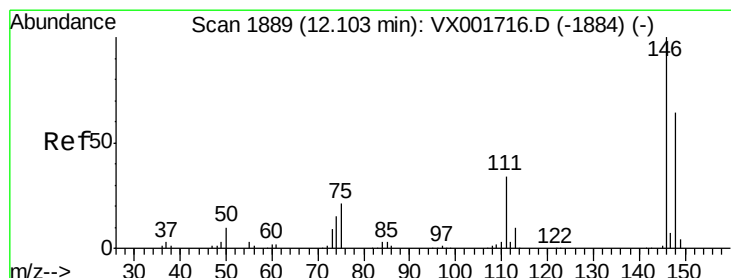
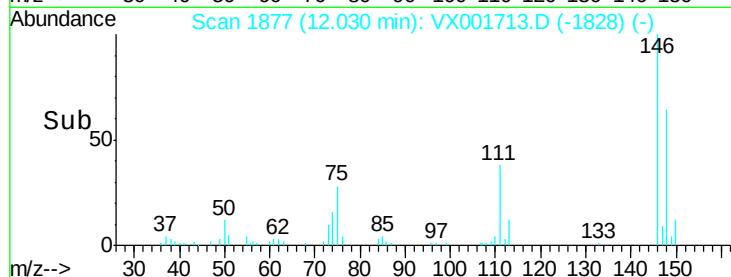
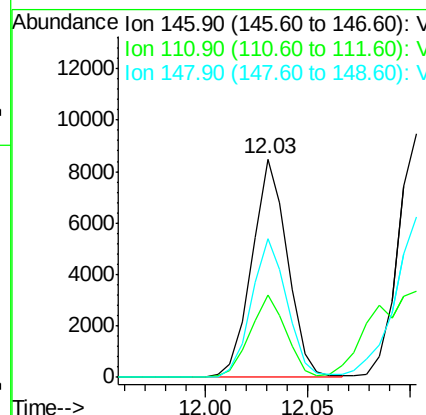
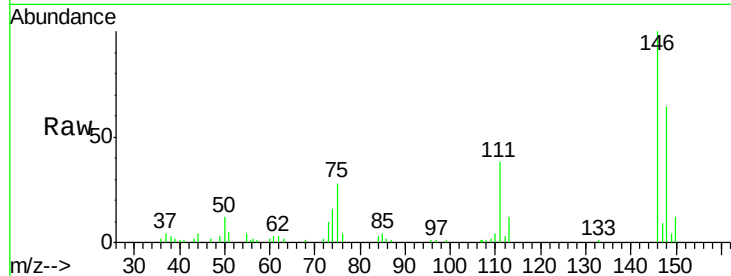




#87
 1,3-Dichlorobenzene
 Concen: 1.10 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

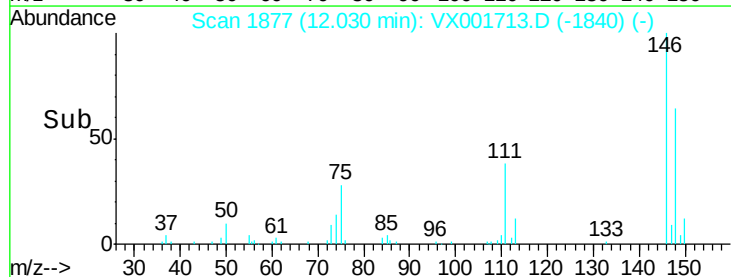
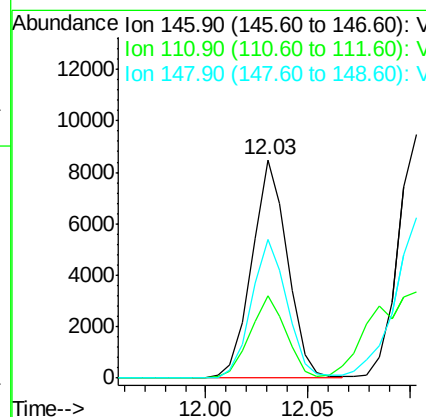
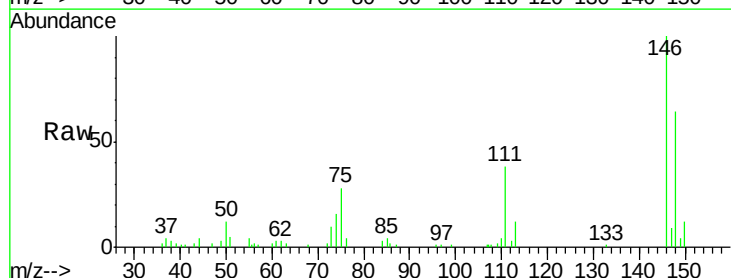
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

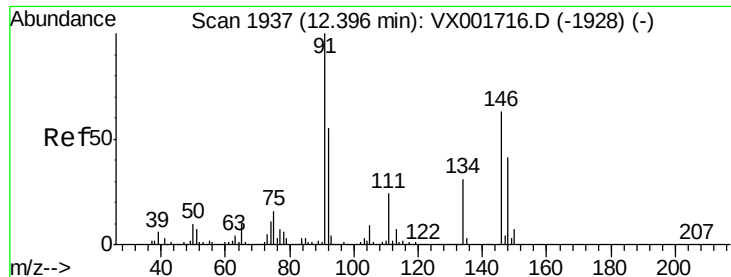
Tgt Ion:146 Resp: 10288
 Ion Ratio Lower Upper
 146 100
 111 38.2 17.8 53.4
 148 63.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 1.08 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.07 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

Tgt Ion:146 Resp: 10288
 Ion Ratio Lower Upper
 146 100
 111 38.2 17.3 52.0
 148 63.9 32.3 96.9

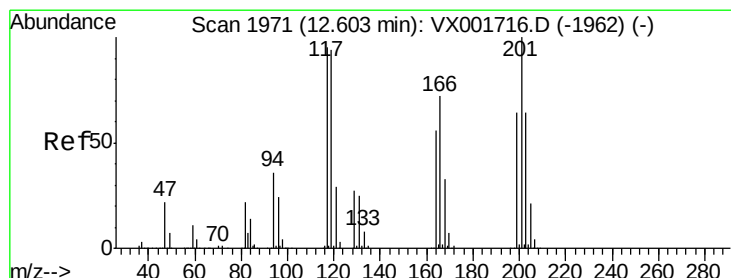
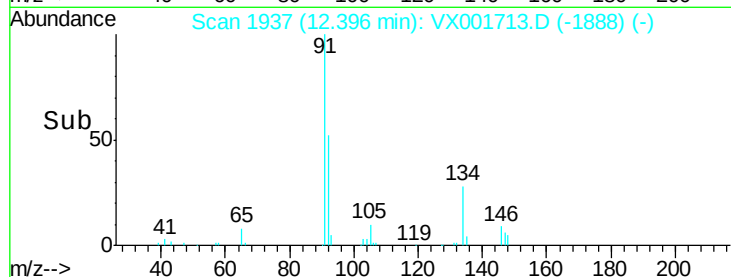
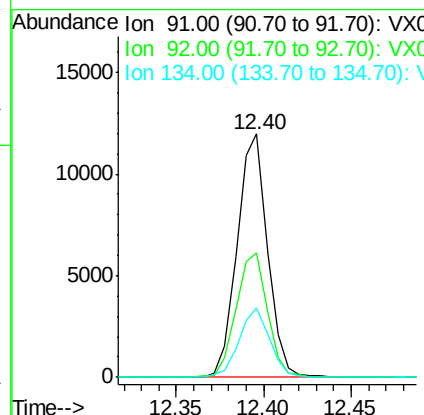
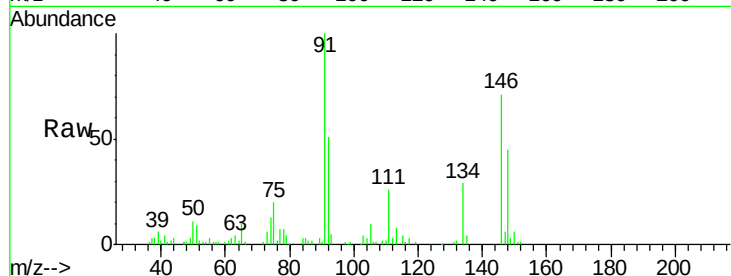




#89
n-Butylbenzene
Concen: 1.06 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

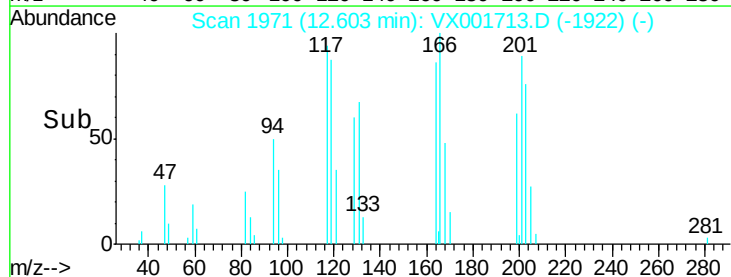
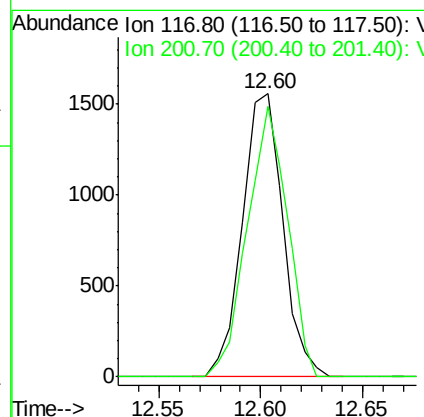
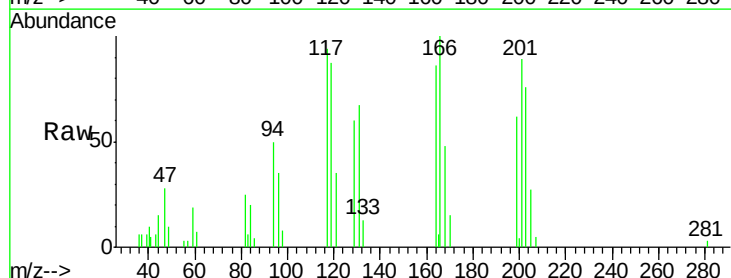
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

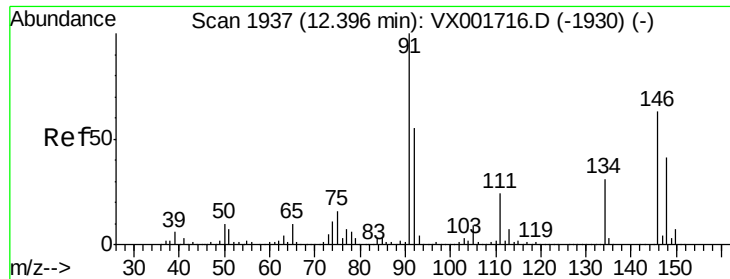
Tgt Ion: 91 Resp: 14424
Ion Ratio Lower Upper
91 100
92 52.6 27.3 81.9
134 28.8 14.7 44.1



#90
Hexachloroethane
Concen: 0.87 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

Tgt Ion: 117 Resp: 2149
Ion Ratio Lower Upper
117 100
201 94.7 51.9 155.7

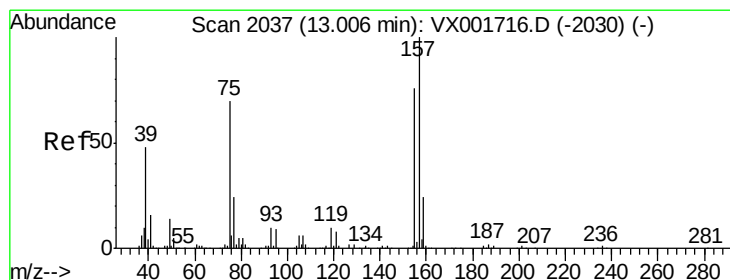
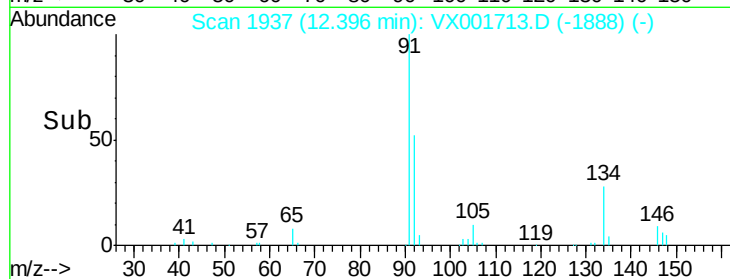
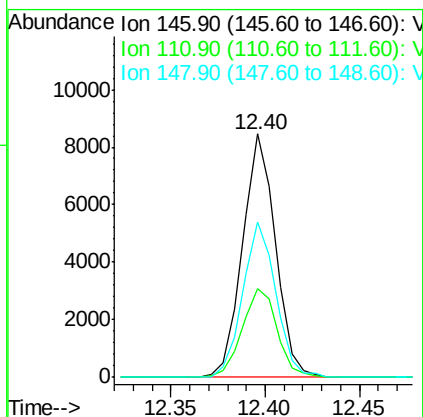
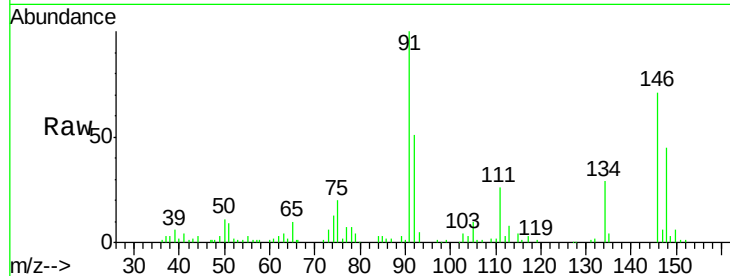




#91
 1,2-Dichlorobenzene
 Concen: 1.09 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

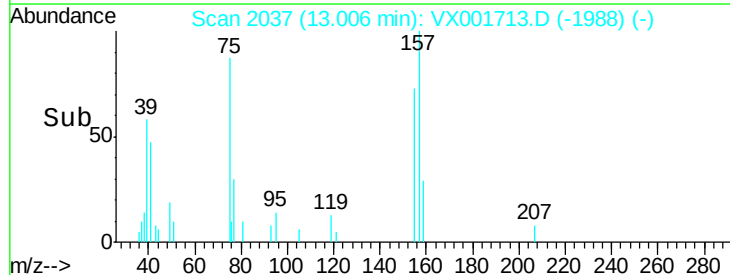
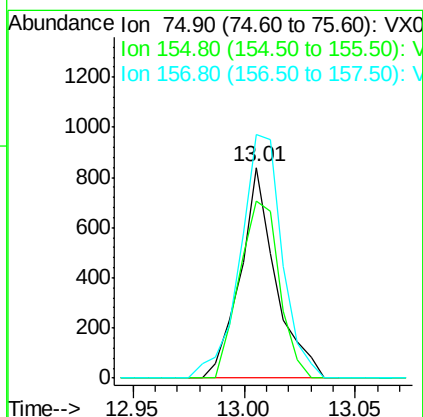
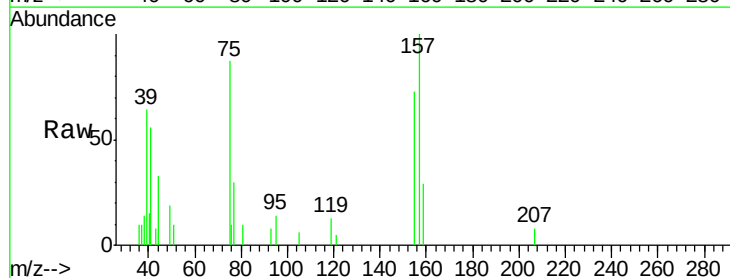
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

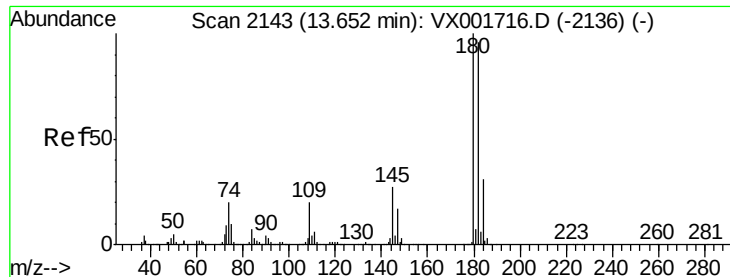
Tgt Ion: 146 Resp: 10265
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.6 56.0
 148 64.0 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.81 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

Tgt Ion: 75 Resp: 933
 Ion Ratio Lower Upper
 75 100
 155 94.6 53.9 161.8
 157 137.0 71.0 213.2

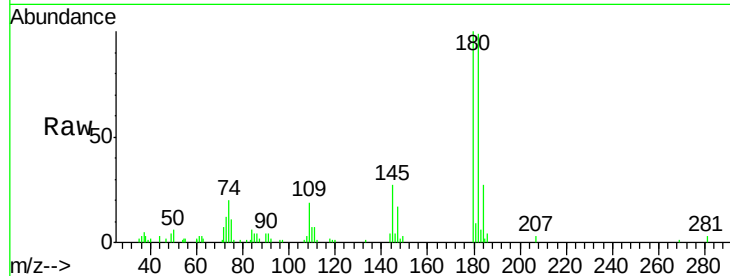




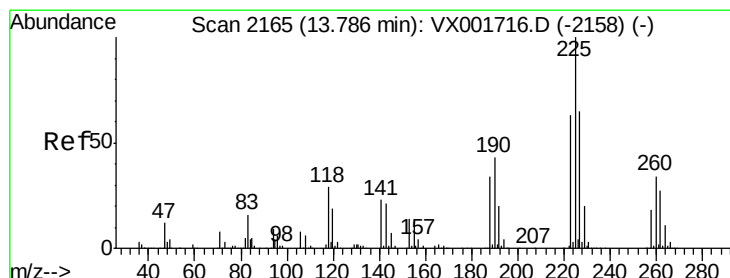
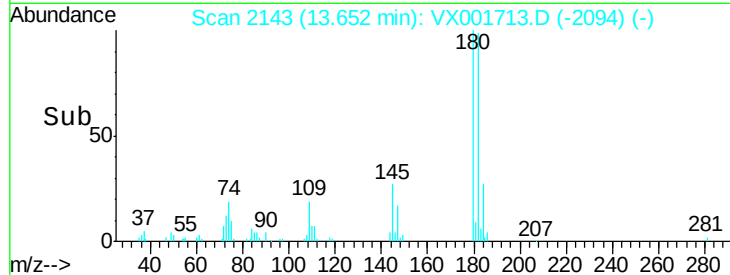
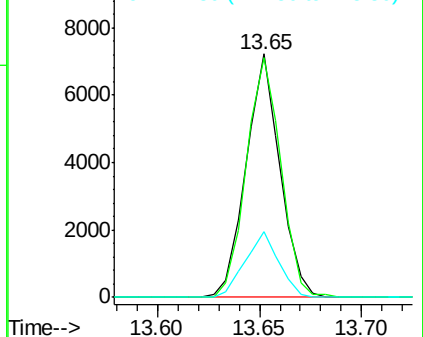
#93
 1,2,4-Trichlorobenzene
 Concen: 1.19 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion:180 Resp: 8341
 Ion Ratio Lower Upper
 180 100
 182 100.4 47.6 142.9
 145 26.9 13.4 40.1

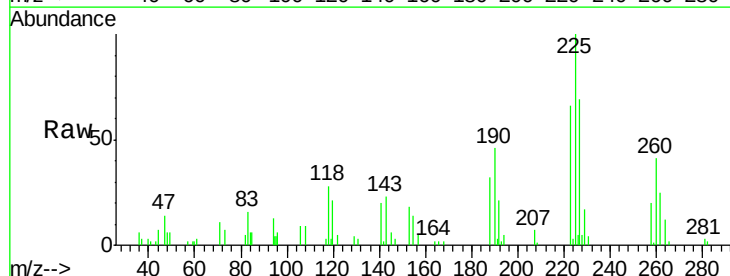


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

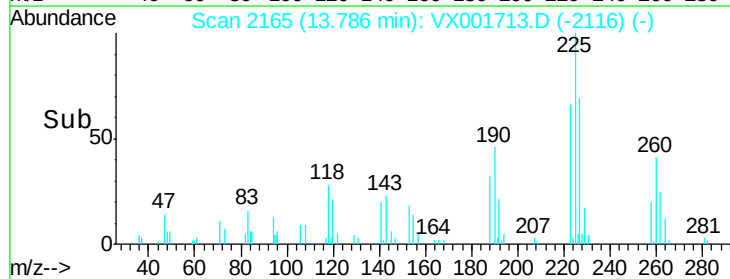
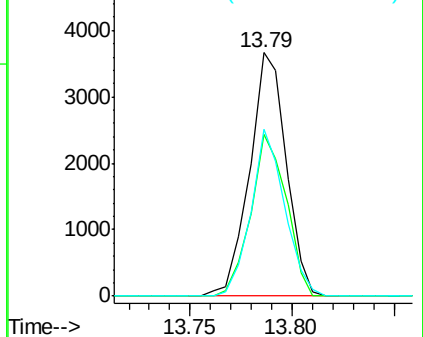


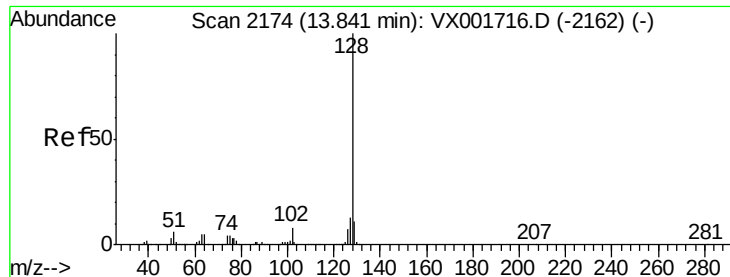
#94
 Hexachlorobutadiene
 Concen: 1.20 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001713.D
 Acq: 14 May 2018 16:57

Tgt Ion:225 Resp: 4575
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.1 93.5
 227 63.4 31.9 95.5



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

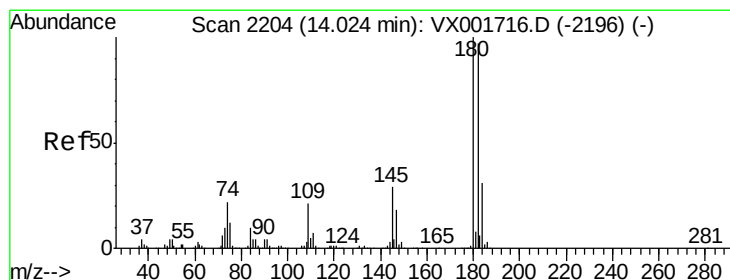
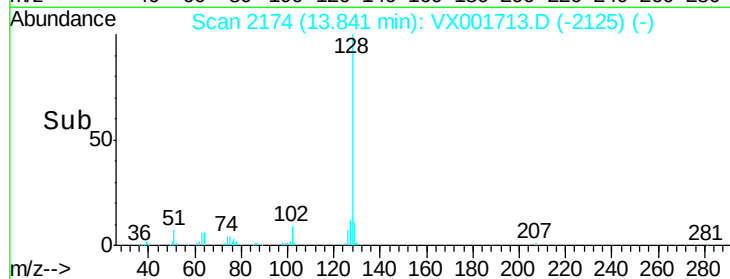
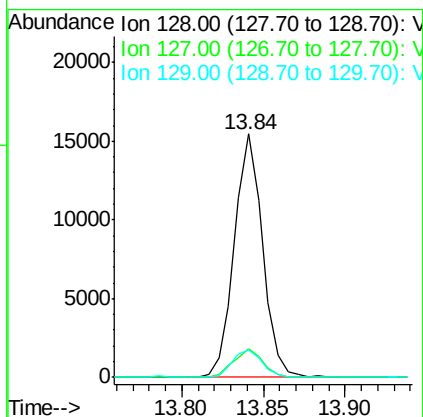
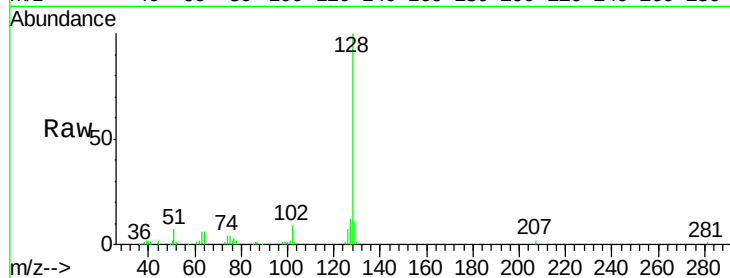




#95
Naphthalene
Concen: 0.97 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 18563
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 12.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 1.20 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001713.D
Acq: 14 May 2018 16:57

Tgt Ion:180 Resp: 8545
Ion Ratio Lower Upper
180 100
182 92.9 47.9 143.7
145 27.2 14.2 42.8

