

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002684.D
 Acq On : 18 Jun 2018 17:28
 Operator : JC/MD
 Sample : VX0618WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 19 04:59:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	47666	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	270741	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	253931	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	111351	30.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.97%
60) 4-Bromofluorobenzene	11.14	95	123953	29.56	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.53%
63) Toluene-d8	8.72	98	335484	30.24	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	44612	19.61	ug/l	99
3) Chloromethane	1.32	50	49865	20.19	ug/l	97
4) Vinyl Chloride	1.40	62	55980	20.34	ug/l	97
5) Bromomethane	1.64	94	35579	22.13	ug/l	99
6) Chloroethane	1.72	64	36542	19.74	ug/l	96
7) Trichlorofluoromethane	1.93	101	100486	20.54	ug/l	98
8) Diethyl Ether	2.19	74	35663	20.45	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57773	20.64	ug/l	98
10) 1,1-Dichloroethene	2.37	96	49654	20.15	ug/l	97
11) Methyl Iodide	2.51	142	37056	13.06	ug/l	99
12) Methyl Acetate	2.78	43	83401	20.86	ug/l	96
13) Acrolein	2.29	56	23877	83.98	ug/l	100
14) Acrylonitrile	3.15	53	159844	106.27	ug/l	100
15) Acetone	2.45	58	46113	110.30	ug/l	95
16) Carbon Disulfide	2.57	76	116670	18.91	ug/l	100
17) Allyl chloride	2.73	41	99148	20.22	ug/l	93
18) Methylene Chloride	2.86	84	57143	20.26	ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	54551	20.64	ug/l	99
20) Diisopropyl ether	3.87	45	195999	21.45	ug/l	95
21) 1,1-Dichloroethane	3.70	63	106106	21.60	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	57720	20.32	ug/l #	77
23) tert-Butyl Alcohol	3.07	59	72594	106.31	ug/l	100
24) Methyl tert-Butyl Ether	3.21	73	191774	20.84	ug/l	100
25) Chloroform	5.21	83	99997	20.28	ug/l	98
26) Cyclohexane	5.57	56	82605	19.79	ug/l #	95
29) 1,1-Dichloropropene	5.80	75	70699	19.34	ug/l	98
30) 2-Butanone	4.71	43	218108	104.25	ug/l	98
31) 2,2-Dichloropropane	4.59	77	76828	19.66	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	85811	19.43	ug/l	99
33) Carbon Tetrachloride	5.78	117	75062	18.91	ug/l	99
34) Benzene	6.15	78	211672	19.55	ug/l	98
35) Methacrylonitrile	5.07	41	47066	20.66	ug/l	95
36) 1,2-Dichloroethane	6.20	62	83267	19.59	ug/l	99
37) Trichloroethene	7.21	130	61432	19.37	ug/l	94
38) Methylcyclohexane	7.46	83	86405	19.42	ug/l	99
39) 1,2-Dichloropropane	7.52	63	56218	19.90	ug/l	95
40) Dibromomethane	7.67	93	39088	19.92	ug/l	100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	69976	18.98	ug/l	98
42) Vinyl Acetate	3.82	43	848541	106.94	ug/l	99
43) Ethyl Acetate	4.87	43	81803	20.44	ug/l	98
44) Isopropyl Acetate	6.47	43	131497	19.61	ug/l	100
45) 1,4-Dioxane	7.76	88	27689	421.58	ug/l #	86
46) Methyl methacrylate	7.78	41	68003	19.85	ug/l	98
47) n-amyl Acetate	10.90	43	118263	18.69	ug/l #	90
48) t-1,3-Dichloropropene	8.44	75	82477	19.06	ug/l	98
49) cis-1,3-Dichloropropene	9.04	75	75968	18.80	ug/l	99
50) 1,1,2-Trichloroethane	9.22	97	57038	19.71	ug/l	98
51) Ethyl methacrylate	9.18	69	84911	19.43	ug/l	96
52) 1,3-Dichloropropane	9.38	76	93066	19.69	ug/l	98
53) Dibromochloromethane	9.59	129	56392	18.35	ug/l	99
54) 1,2-Dibromoethane	9.68	107	59802	19.61	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	199711	96.24	ug/l	99
56) Bromoform	10.86	173	43480	17.72	ug/l	100
58) 4-Methyl-2-Pentanone	8.65	43	435589	101.03	ug/l	98
59) 2-Hexanone	9.50	43	336842	102.20	ug/l	98
61) Tetrachloroethene	9.34	164	69107	19.83	ug/l	98
62) Toluene	8.79	91	241926	19.77	ug/l	98
64) Chlorobenzene	10.14	112	161017	19.80	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	58462	19.61	ug/l	99
66) Ethyl Benzene	10.26	91	270621	19.63	ug/l	100
67) m/p-Xylenes	10.36	106	209845	39.17	ug/l	99
68) o-Xylene	10.70	106	100348	19.23	ug/l	98
69) Styrene	10.71	104	169625	19.48	ug/l	98
70) Isopropylbenzene	11.02	105	280894	19.52	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	84256	19.58	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	97529	26.15	ug/l	94
73) Bromobenzene	11.26	156	77209	19.29	ug/l	93
74) n-propylbenzene	11.37	91	324495	19.42	ug/l	99
75) 2-Chlorotoluene	11.43	91	193844	19.94	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	234826	19.22	ug/l	98
77) t-1,4-Dichloro-2-butene	11.08	75	21312	17.77	ug/l	72
78) 4-Chlorotoluene	11.51	91	224016	19.45	ug/l	99
79) tert-butylbenzene	12.07	119	261410	19.40	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	243568	19.52	ug/l	99
81) sec-Butylbenzene	11.95	105	290839	19.46	ug/l	100
82) p-Isopropyltoluene	12.07	119	261410	19.40	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	143137	19.43	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	143007	19.22	ug/l	99
85) n-Butylbenzene	12.39	91	228449	19.12	ug/l	99
86) Hexachloroethane	12.60	117	36400	17.82	ug/l	96
87) 1,2-Dichlorobenzene	12.40	146	142906	19.21	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	18140	18.87	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	108201	19.27	ug/l	99
90) Hexachlorobutadiene	13.79	225	58197	19.91	ug/l	99
91) Naphthalene	13.84	128	290166	19.50	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	108658	19.45	ug/l	99

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QLast Update : Mon Jun 18 15:18:02 2018
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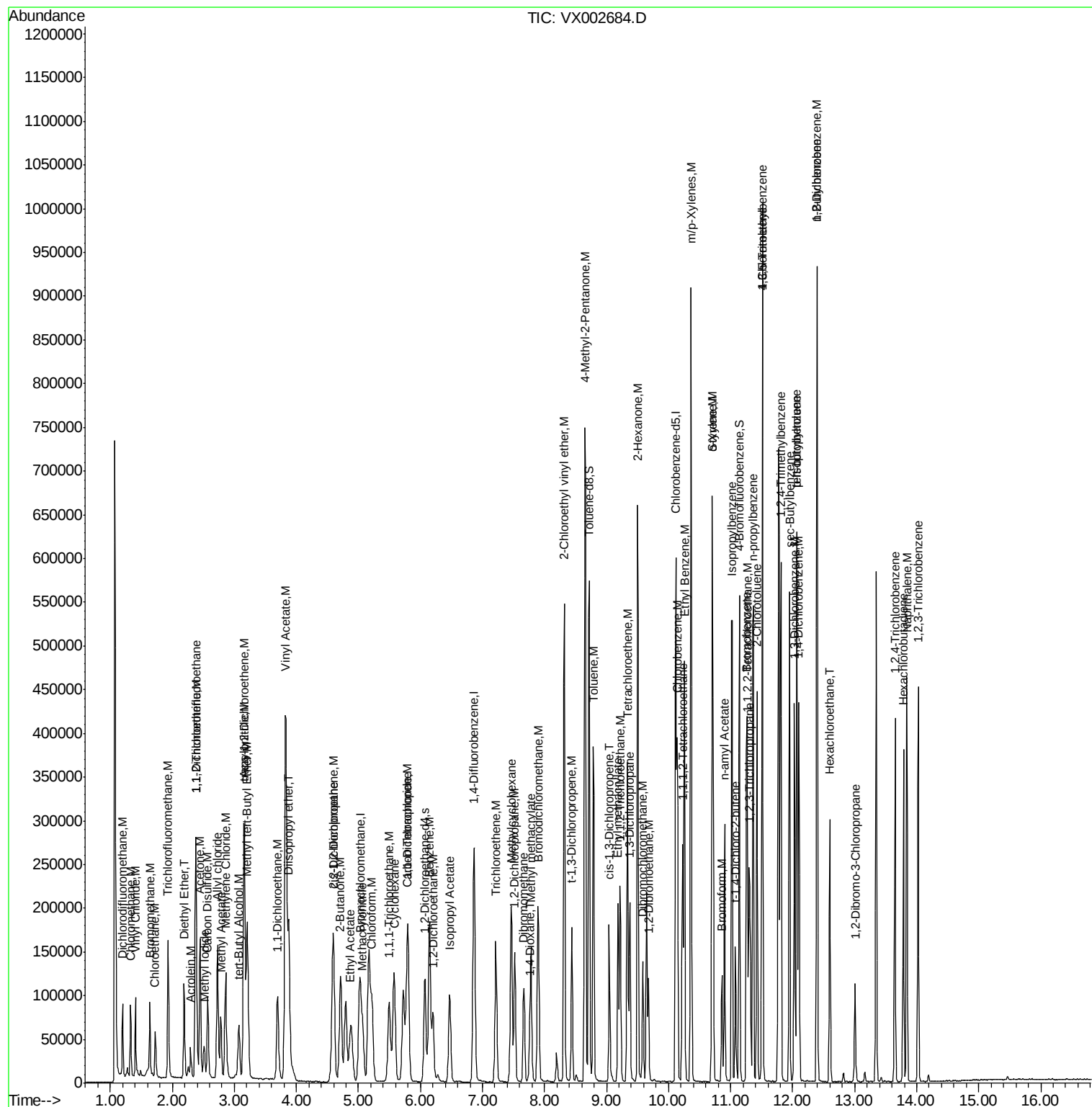
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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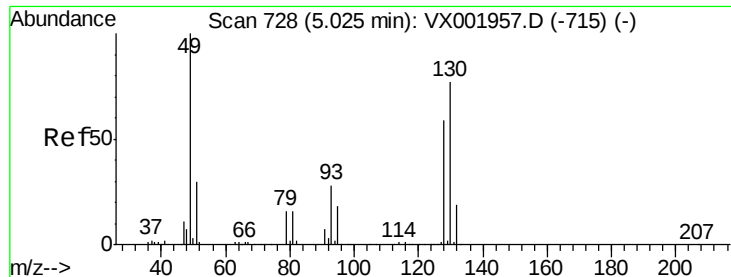
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061818\
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Quant Time: Jun 19 04:59:39 2018
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :
MSVOA_X
ClientSampleId :

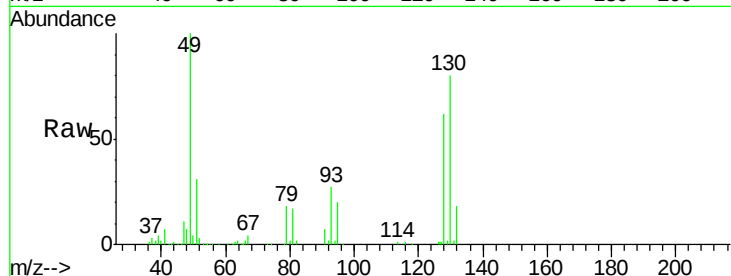
Tot Ion:128 Resp: 47666

Ion Ratio Lower Upper

128 100

49 163.3 0.0 423.0

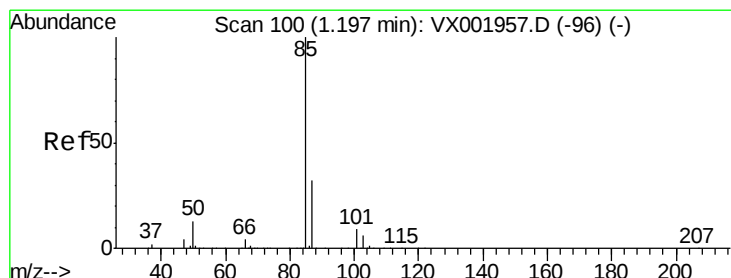
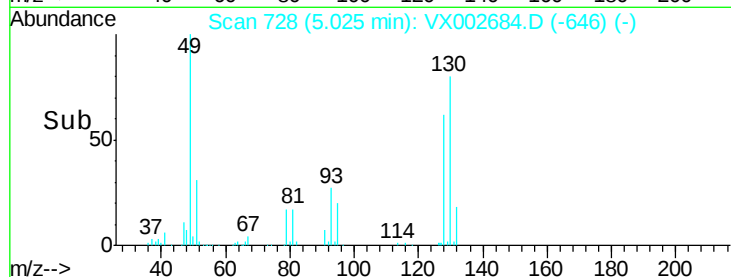
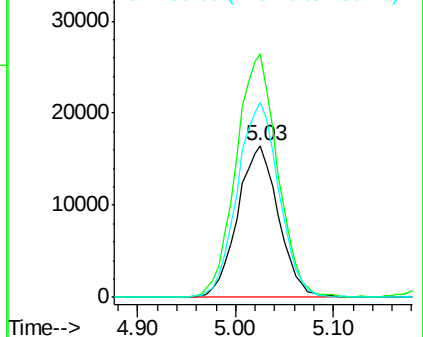
130 131.0 0.0 324.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.61 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002684.D

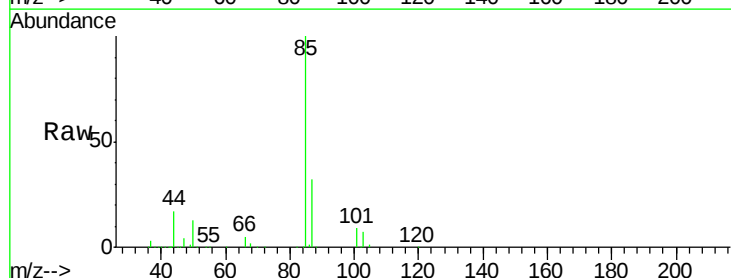
Acq: 18 Jun 2018 17:28

Tgt Ion: 85 Resp: 44612

Ion Ratio Lower Upper

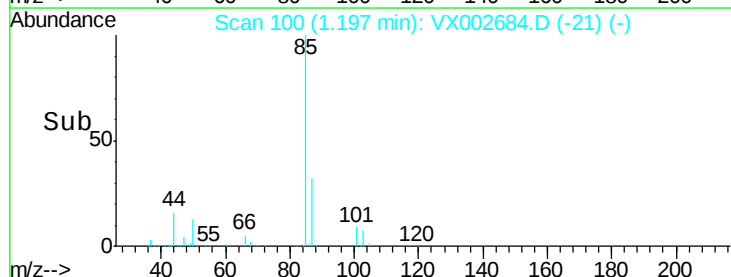
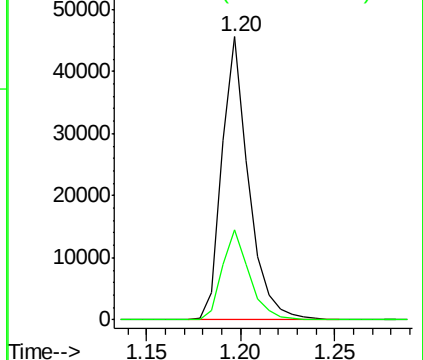
85 100

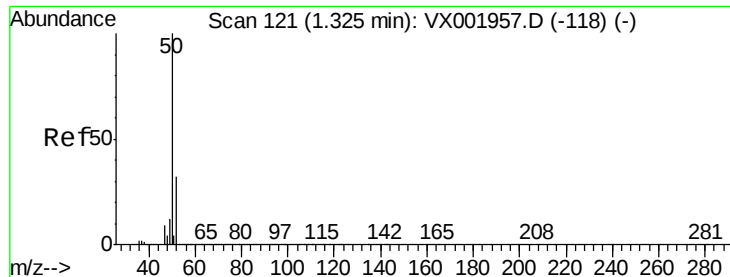
87 31.9 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 20.19 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :

MSVOA_X

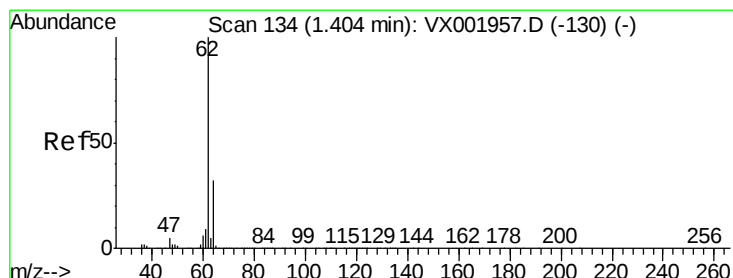
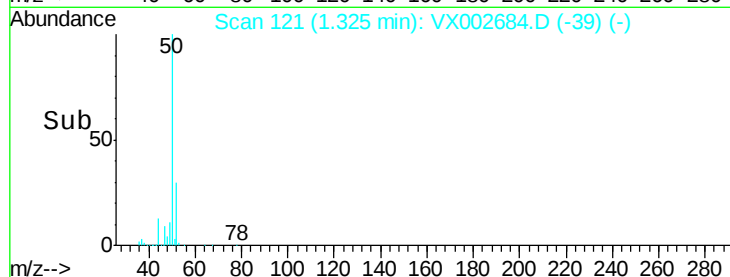
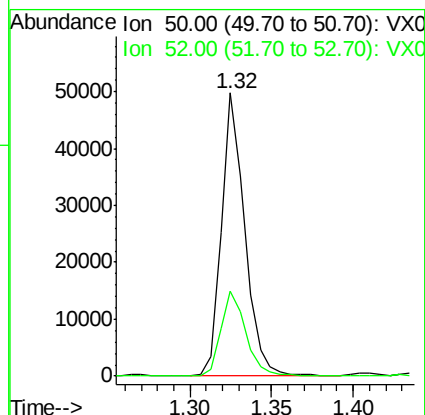
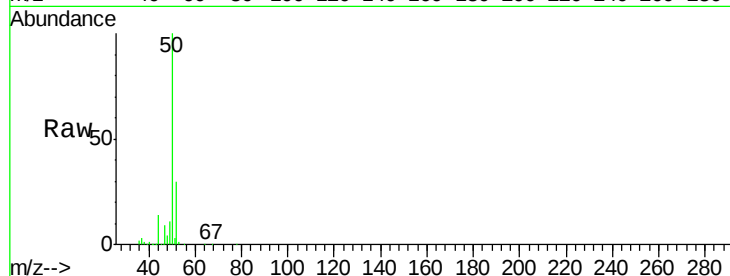
ClientSampled :

Tot Ion: 50 Resp: 49865

Ion Ratio Lower Upper

50 100

52 30.2 25.6 38.4



#4

Vinyl Chloride

Concen: 20.34 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002684.D

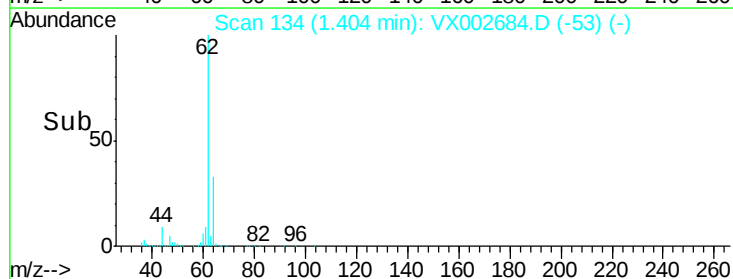
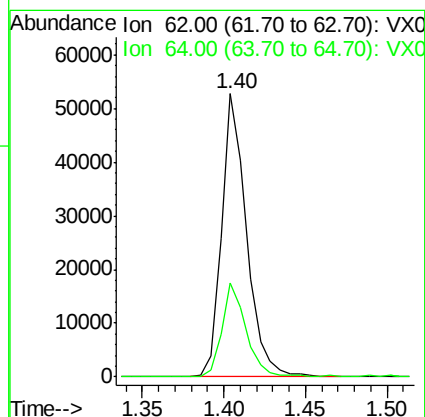
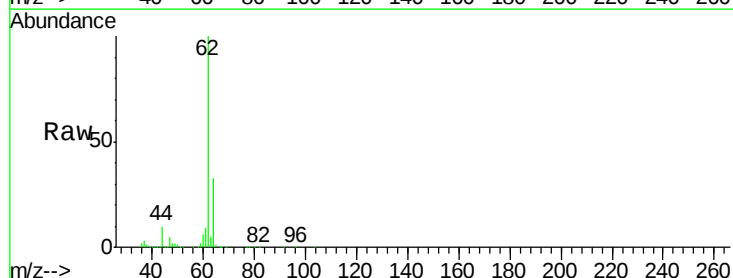
Acq: 18 Jun 2018 17:28

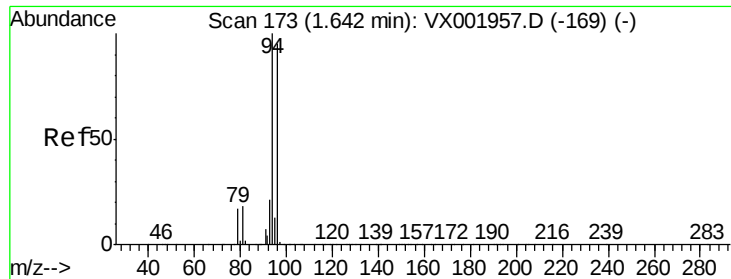
Tgt Ion: 62 Resp: 55980

Ion Ratio Lower Upper

62 100

64 33.1 25.3 37.9





#5

Bromomethane

Concen: 22.13 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

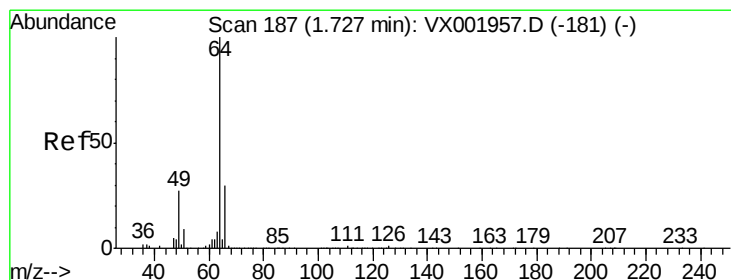
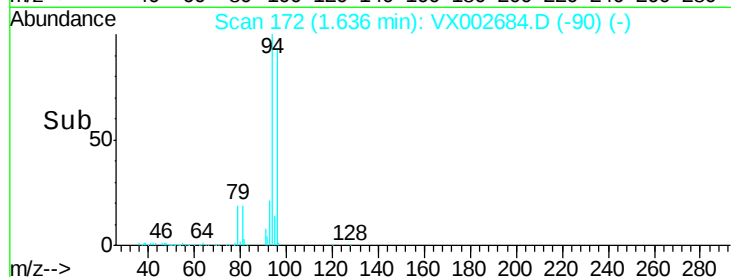
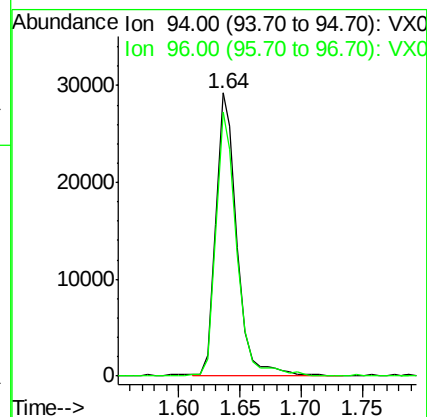
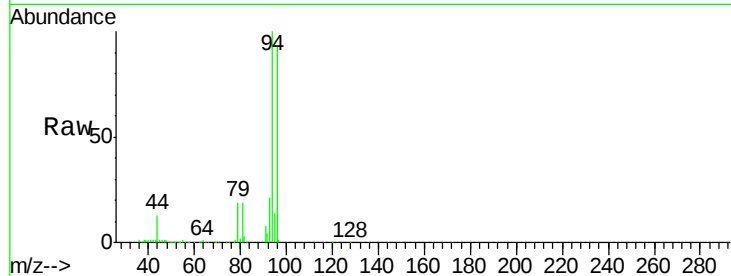
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 35579

Ion Ratio Lower Upper

94 100

96 93.3 75.7 113.5



#6

Chloroethane

Concen: 19.74 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002684.D

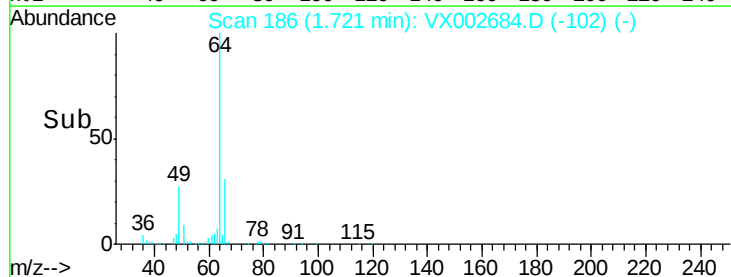
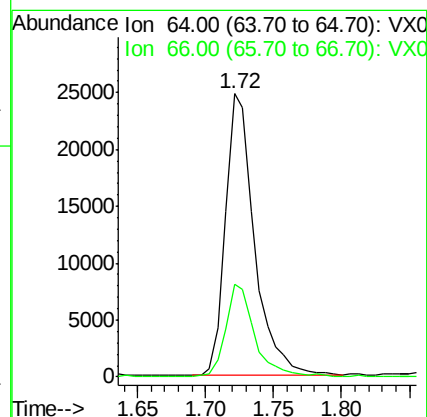
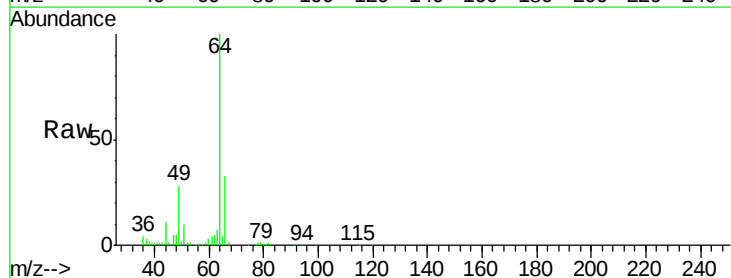
Acq: 18 Jun 2018 17:28

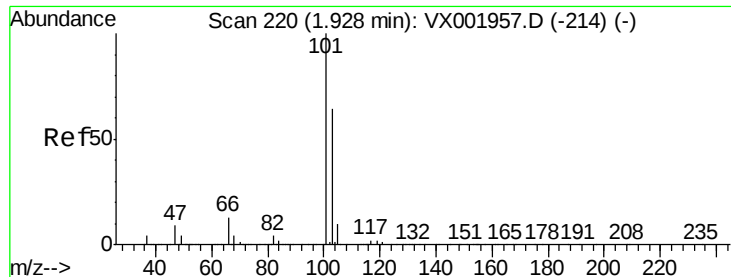
Tgt Ion: 64 Resp: 36542

Ion Ratio Lower Upper

64 100

66 32.5 24.3 36.5



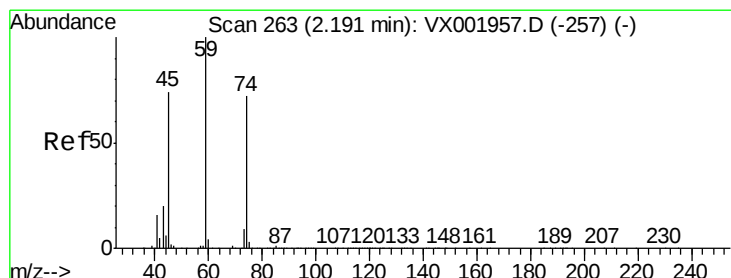
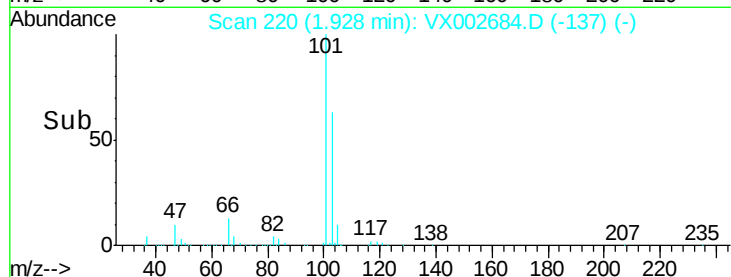
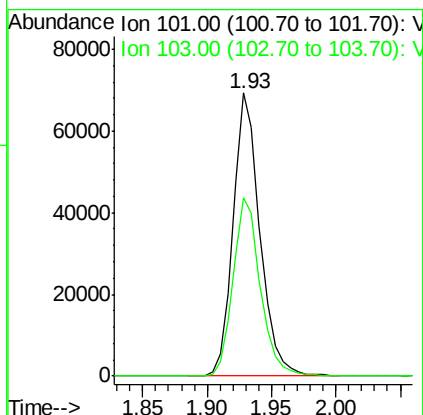
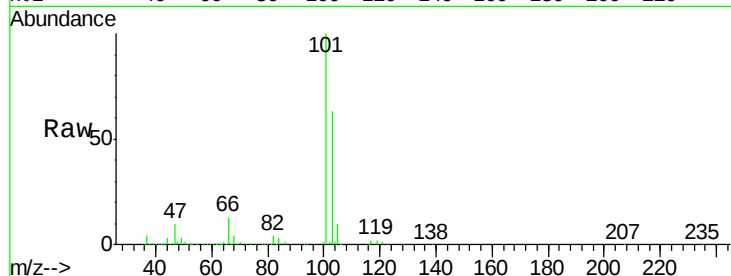


#7

Trichlorofluoromethane
Concen: 20.54 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

Instrument :
MSVOA_X
ClientSampleId :

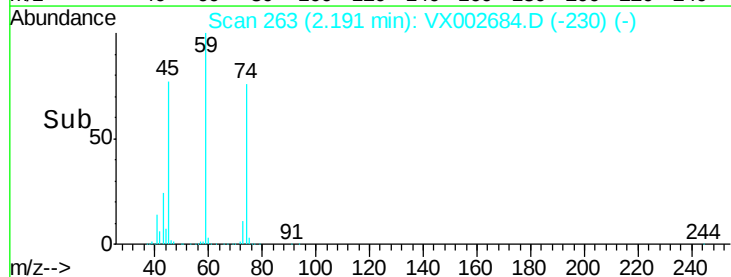
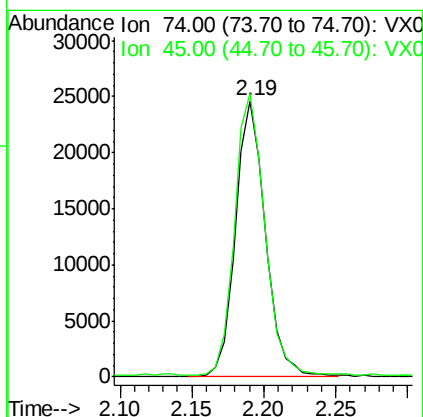
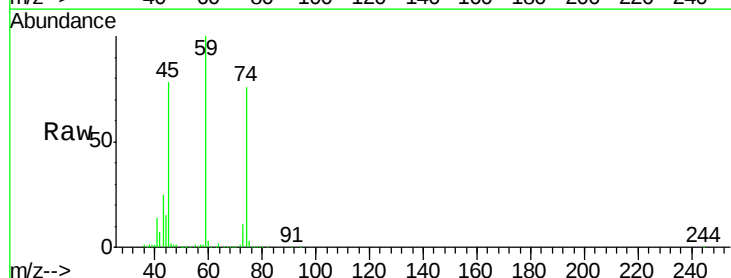
Tot Ion:101 Resp: 100486
Ion Ratio Lower Upper
101 100
103 63.0 51.5 77.3

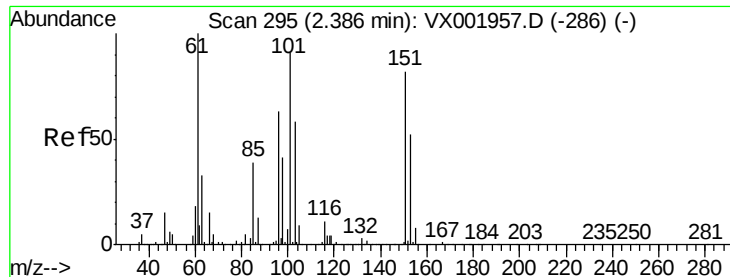


#8

Diethyl Ether
Concen: 20.45 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

Tgt Ion: 74 Resp: 35663
Ion Ratio Lower Upper
74 100
45 103.1 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.64 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

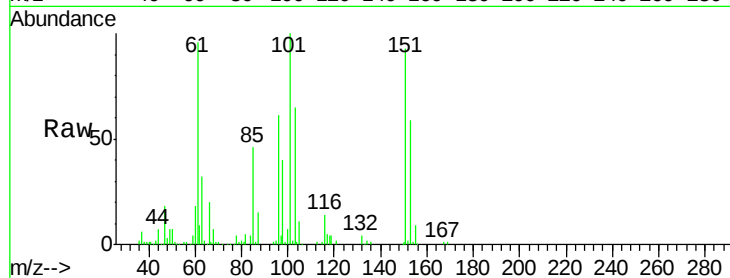
Tot Ion:101 Resp: 57773

Ion Ratio Lower Upper

101 100

85 45.8 0.0 87.0

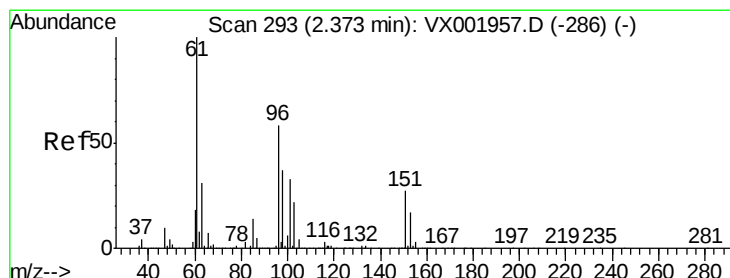
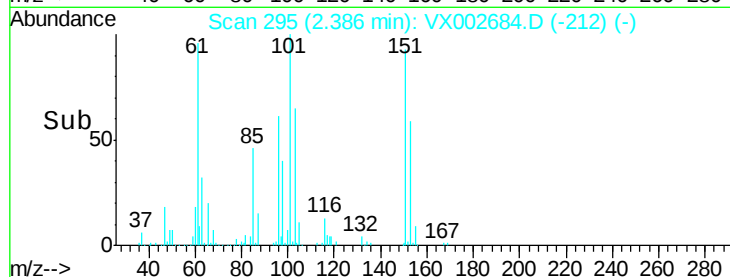
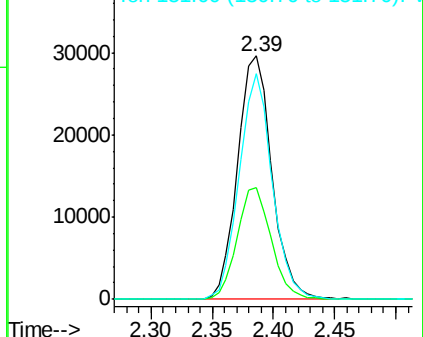
151 89.4 0.0 177.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.15 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.01 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

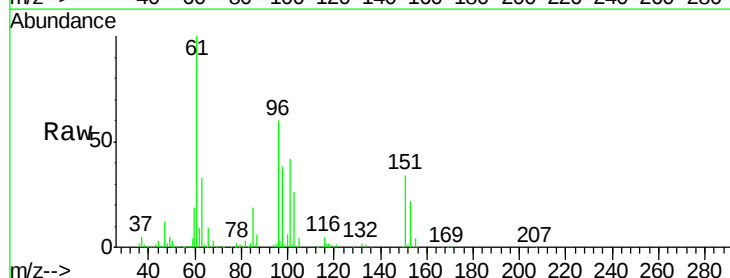
Tgt Ion: 96 Resp: 49654

Ion Ratio Lower Upper

96 100

61 166.5 137.5 206.3

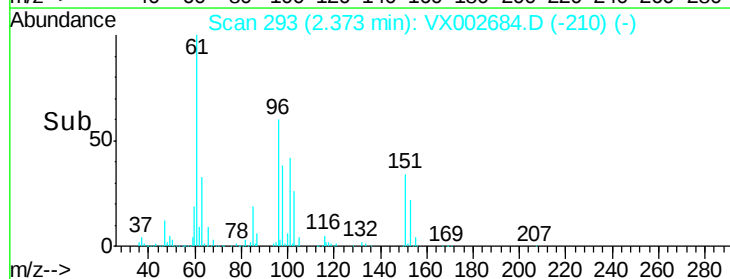
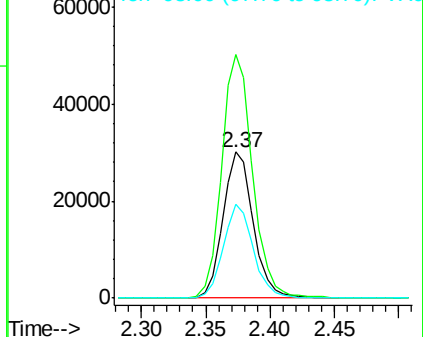
98 63.7 51.4 77.2

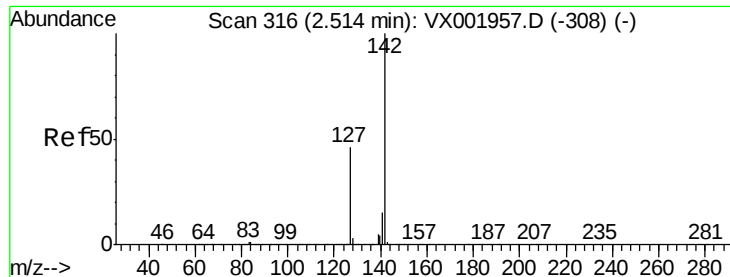


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

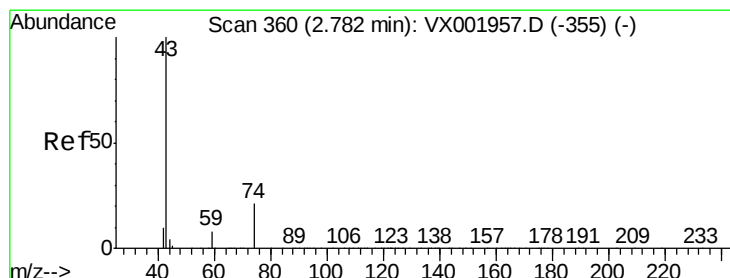
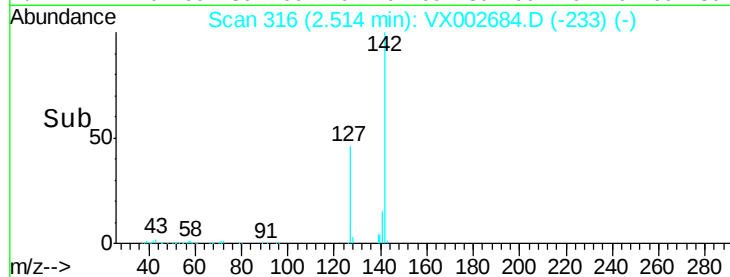
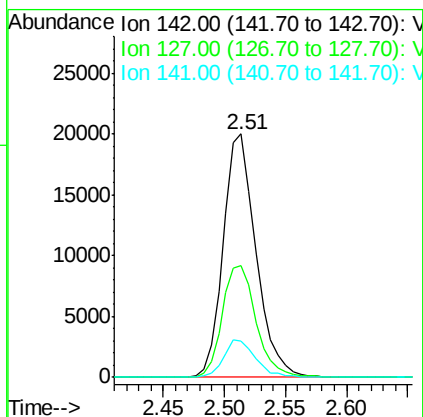
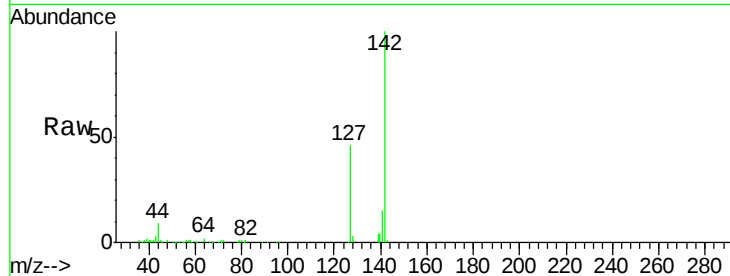




#11
Methvl Iodide
Concen: 13.06 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

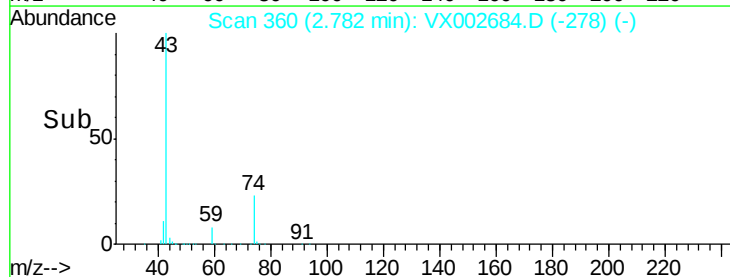
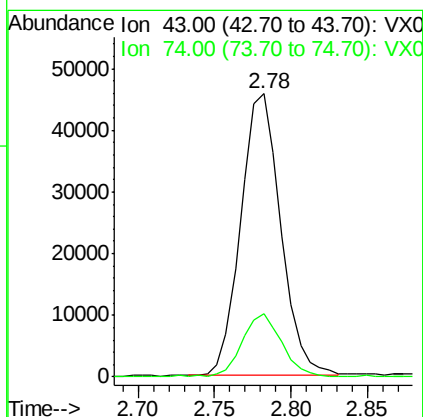
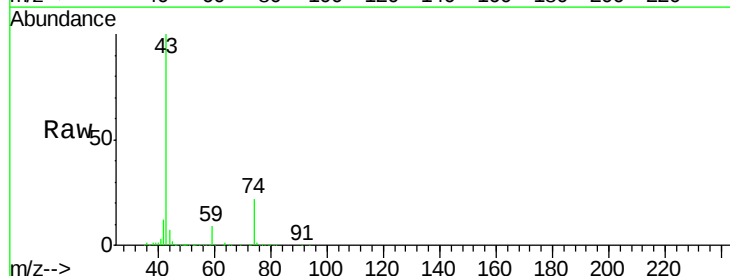
Instrument :
MSVOA_X
ClientSampleId :

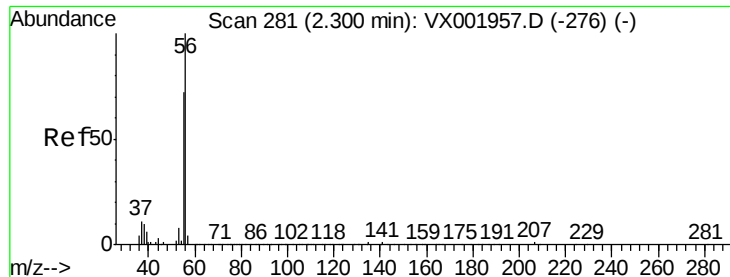
Tot Ion:142 Resp: 37056
Ion Ratio Lower Upper
142 100
127 45.7 23.2 69.6
141 14.8 7.4 22.2



#12
Methyl Acetate
Concen: 20.86 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

Tgt Ion: 43 Resp: 83401
Ion Ratio Lower Upper
43 100
74 22.3 16.4 24.6





#13

Acrolein

Concen: 83.98 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :

MSVOA_X

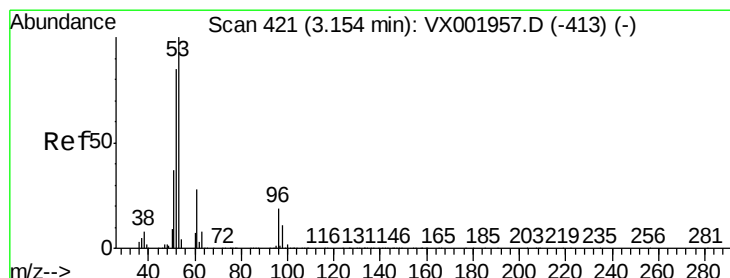
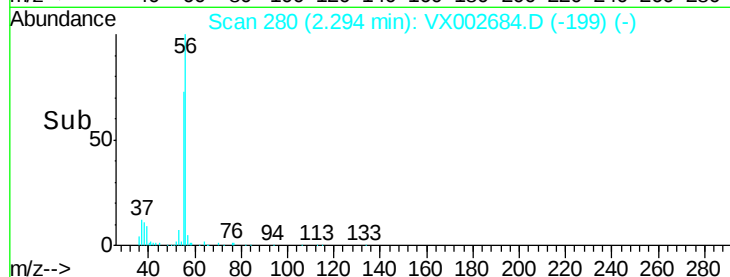
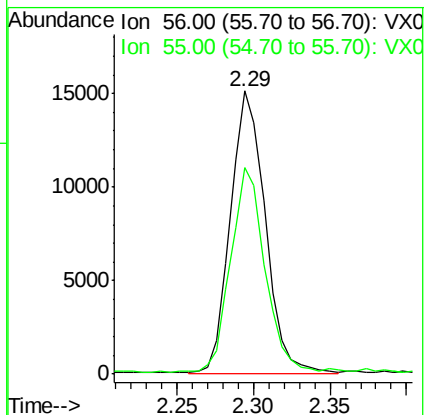
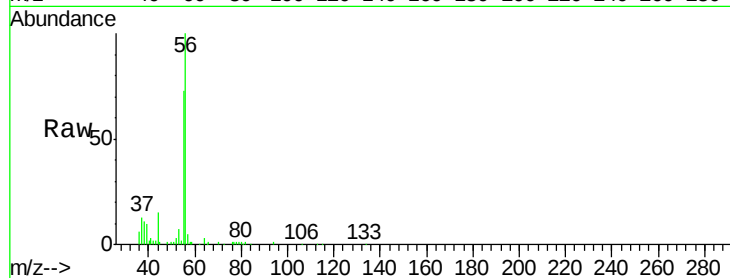
ClientSampleId :

Tot Ion: 56 Resp: 23877

Ion Ratio Lower Upper

56 100

55 71.3 57.3 85.9



#14

Acrylonitrile

Concen: 106.27 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

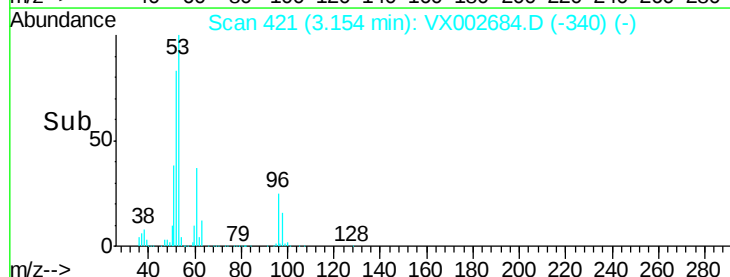
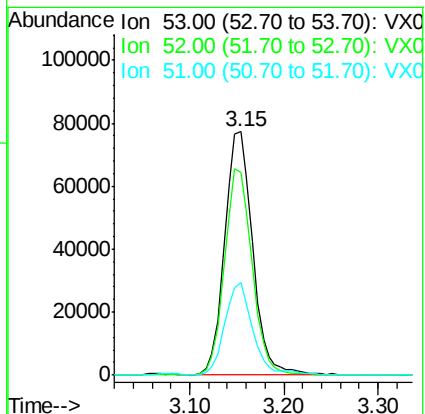
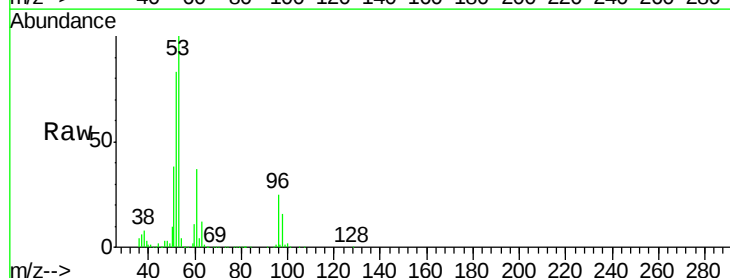
Tgt Ion: 53 Resp: 159844

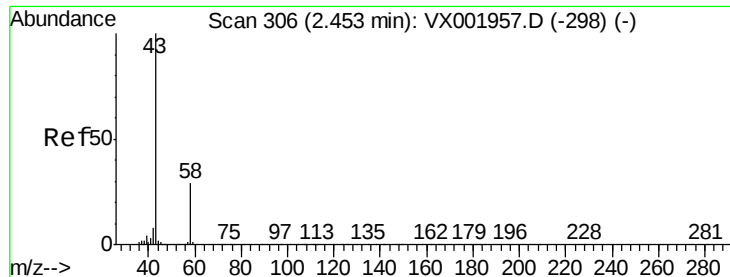
Ion Ratio Lower Upper

53 100

52 82.9 41.5 124.6

51 36.0 17.9 53.8





#15

Acetone

Concen: 110.30 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :

MSVOA_X

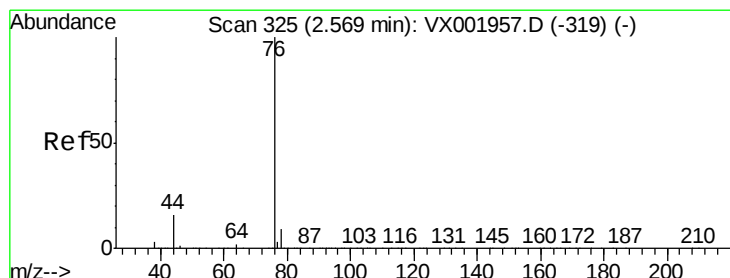
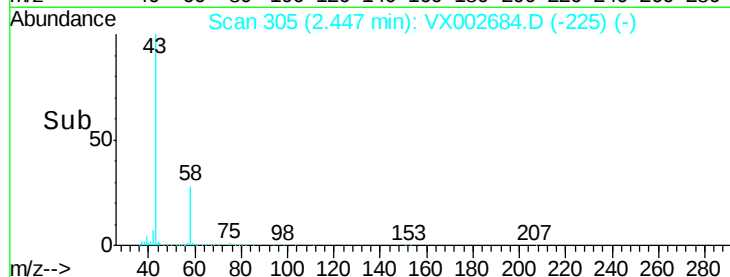
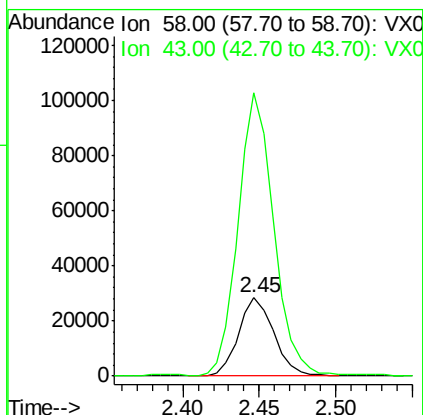
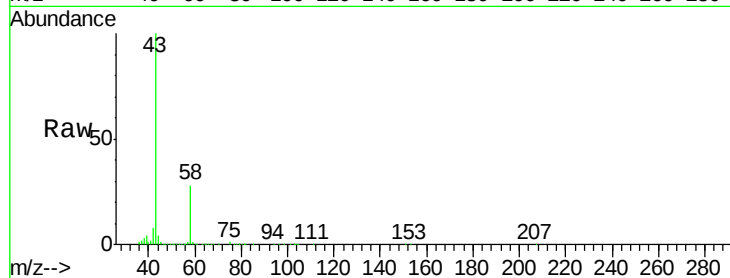
ClientSampleId :

Tot Ion: 58 Resp: 46113

Ion Ratio Lower Upper

58 100

43 360.0 278.8 418.2



#16

Carbon Disulfide

Concen: 18.91 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX002684.D

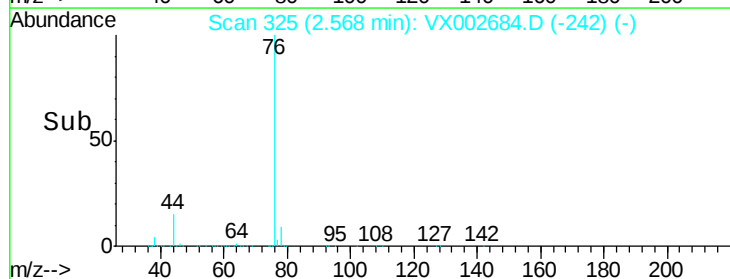
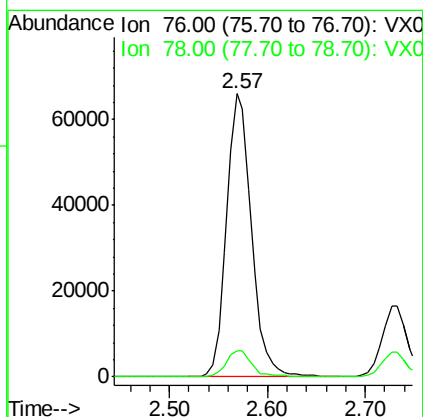
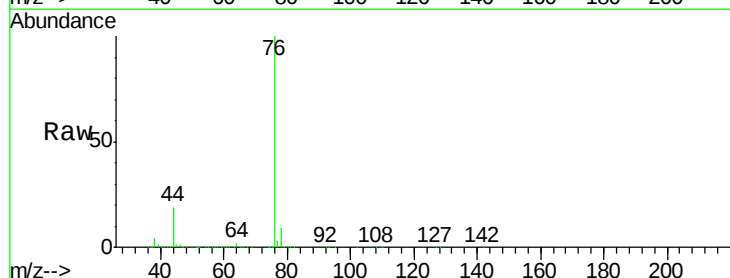
Acq: 18 Jun 2018 17:28

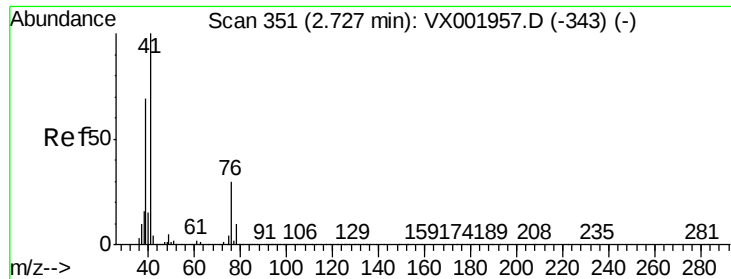
Tgt Ion: 76 Resp: 116670

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

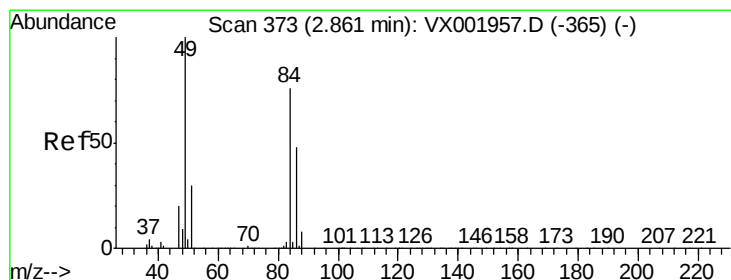
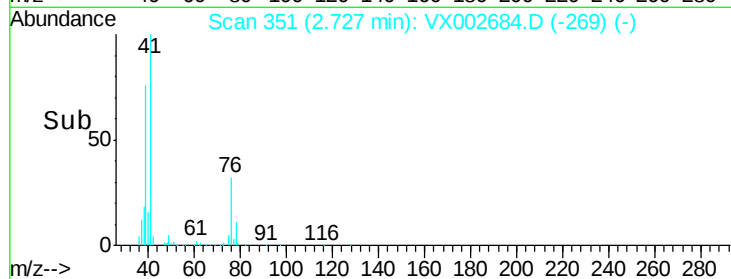
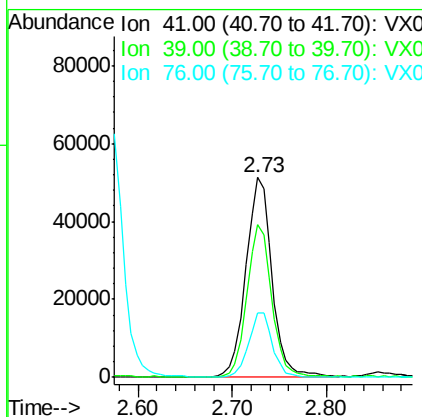
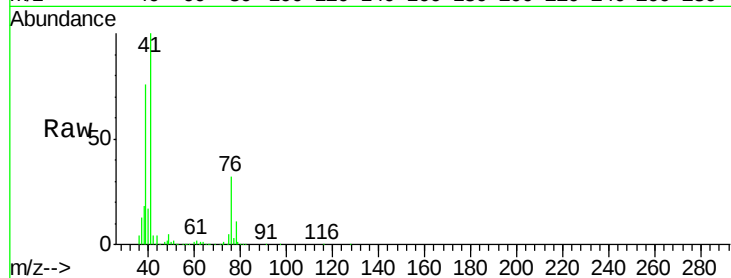




#17
Allvl chloride
Concen: 20.22 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

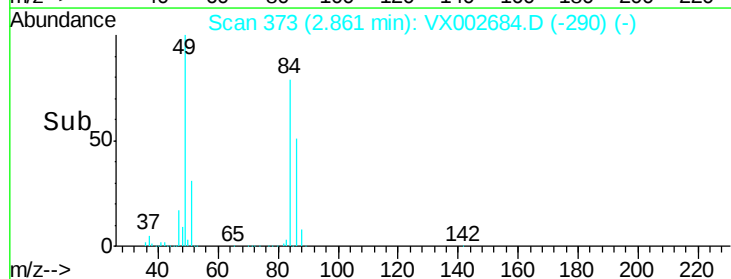
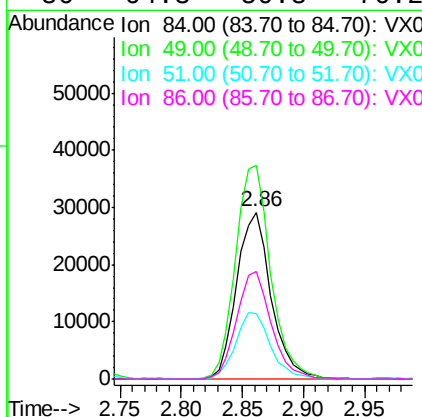
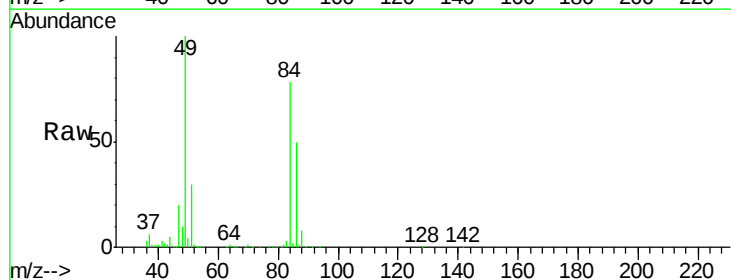
Instrument :
MSVOA_X
ClientSampleId :

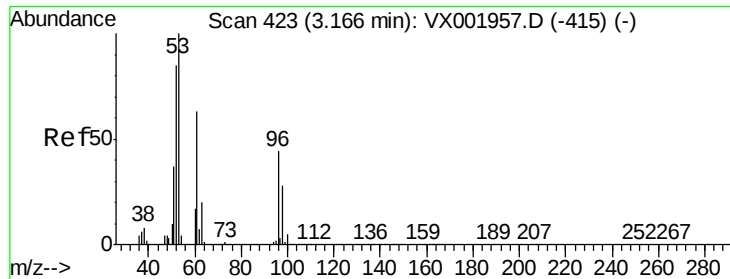
Tot Ion: 41 Resp: 99148
Ion Ratio Lower Upper
41 100
39 76.0 34.6 103.8
76 31.9 15.0 45.1



#18
Methylene Chloride
Concen: 20.26 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

Tgt Ion: 84 Resp: 57143
Ion Ratio Lower Upper
84 100
49 128.3 104.7 157.1
51 38.8 31.0 46.4
86 64.3 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 20.64 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

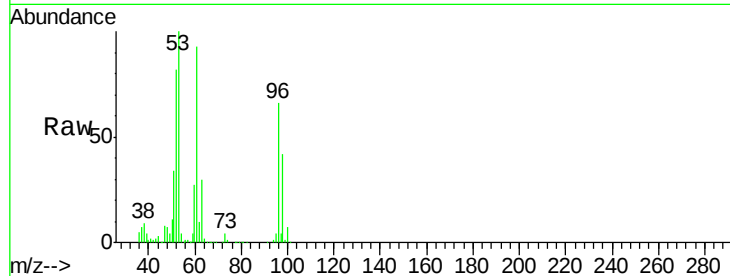
Tot Ion: 96 Resp: 54551

Ion Ratio Lower Upper

96 100

61 141.3 114.6 172.0

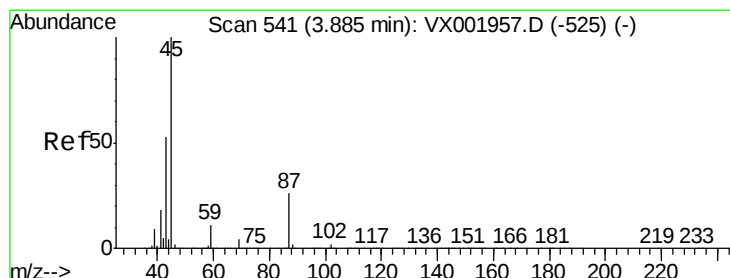
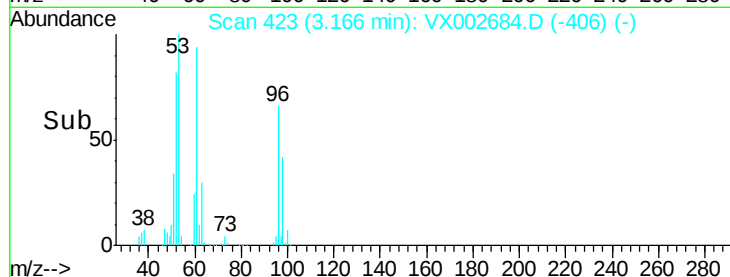
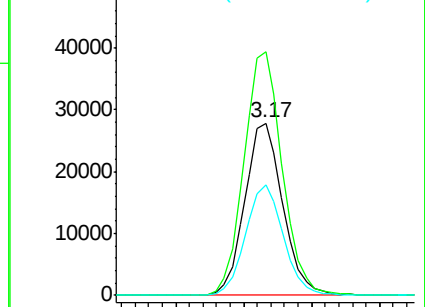
98 63.6 51.3 76.9



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 21.45 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Tgt Ion: 45 Resp: 195999

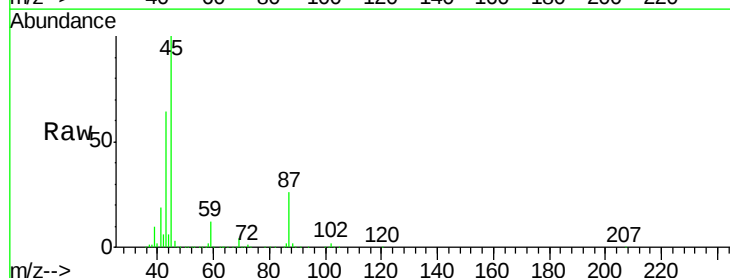
Ion Ratio Lower Upper

45 100

43 62.6 45.6 68.4

87 26.3 20.7 31.1

59 11.7 8.9 13.3

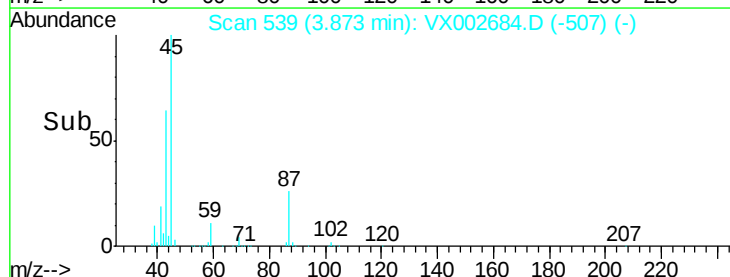
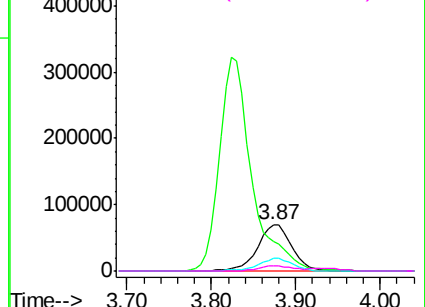


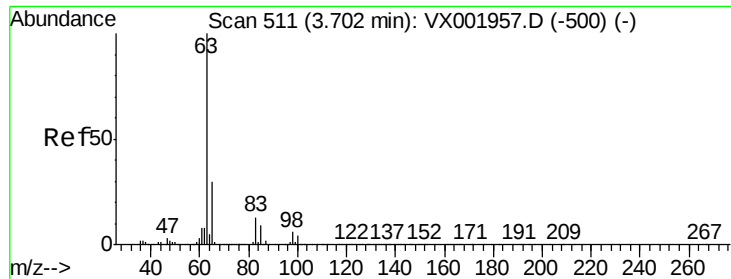
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 21.60 ug/l

RT: 3.70 min Scan# 510

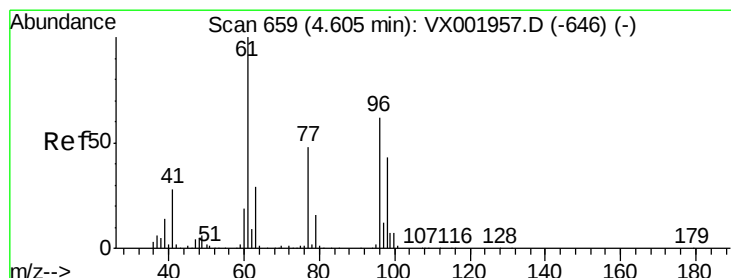
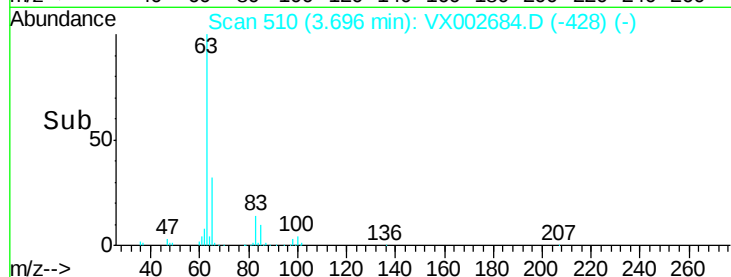
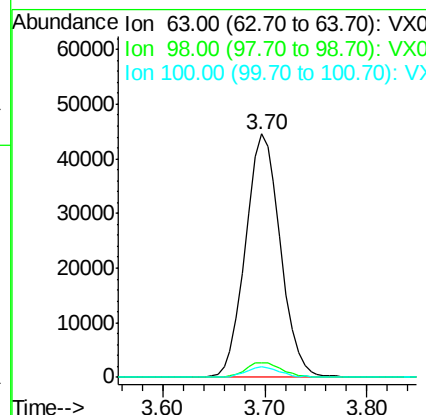
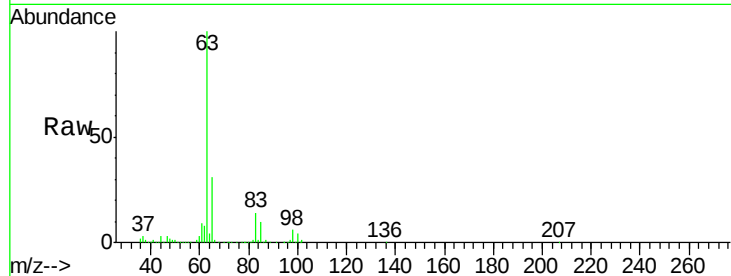
Delta R.T. 0.00 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	63	Resp:	106106
Ion	Ratio	Lower	Upper
63	100		
98	5.9	3.1	9.3
100	4.1	2.2	6.6



#22

cis-1,2-Dichloroethene

Concen: 20.32 ug/l

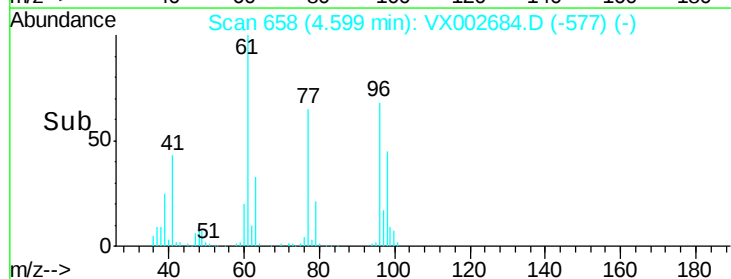
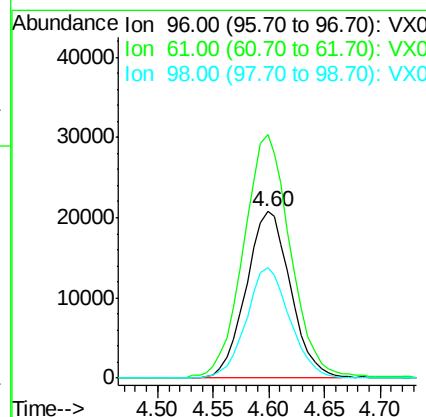
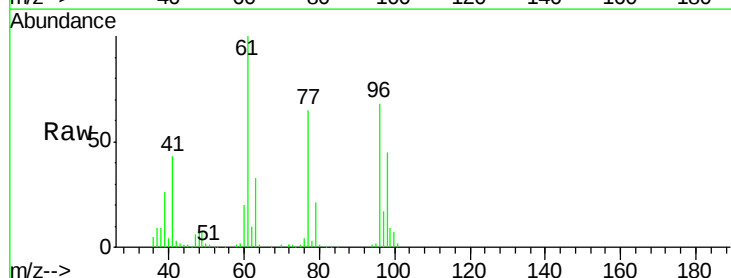
RT: 4.60 min Scan# 658

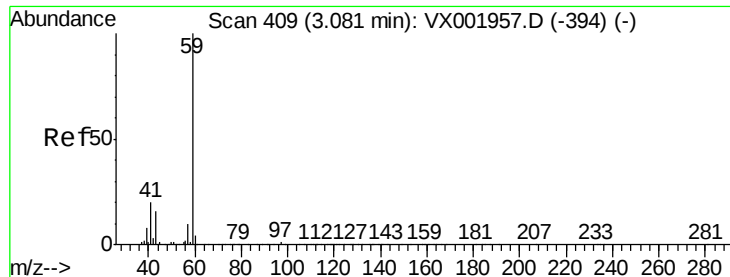
Delta R.T. -0.01 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Tgt Ion:	96	Resp:	57720
Ion	Ratio	Lower	Upper
96	100		
61	154.7	160.2	240.2#
98	64.9	54.1	81.1



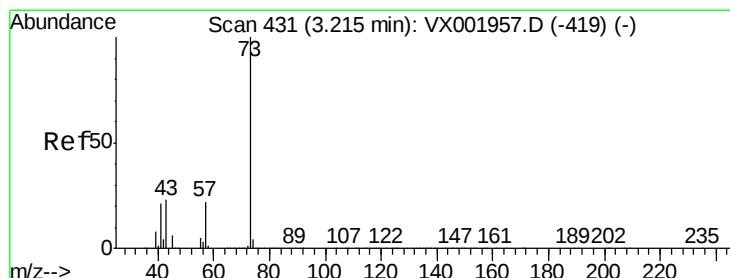
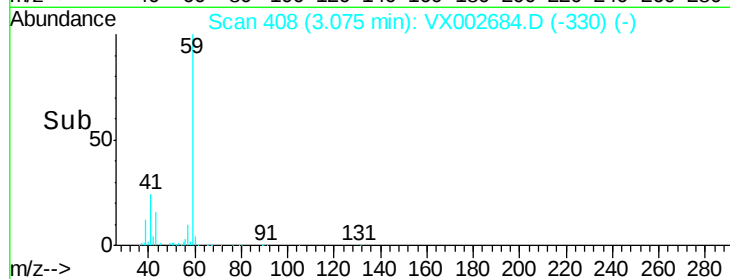
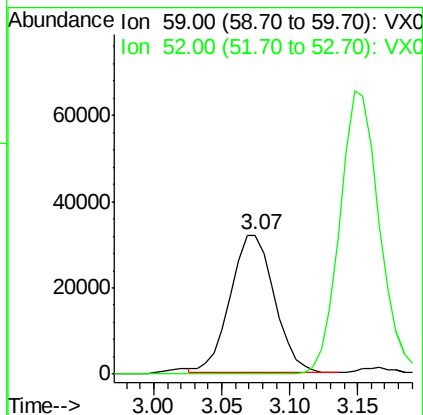
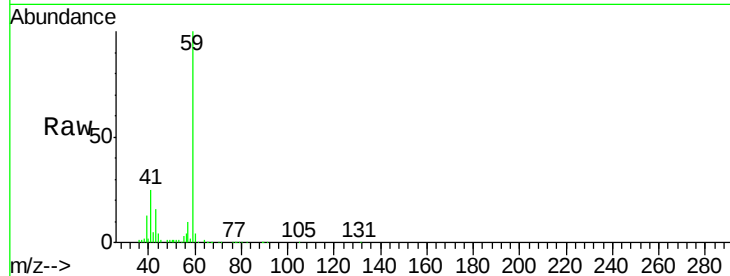


#23

tert-Butyl Alcohol
 Concen: 106.31 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: VX002684.D
 Acq: 18 Jun 2018 17:28

Instrument :
 MSVOA_X
 ClientSampleId :

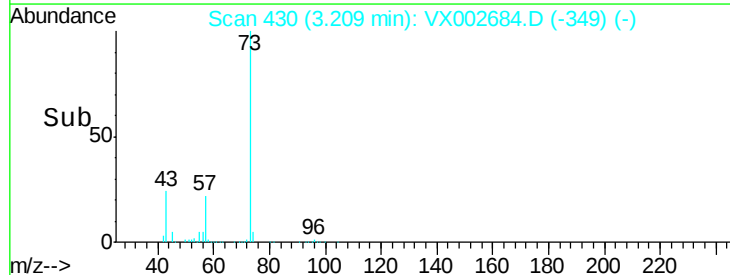
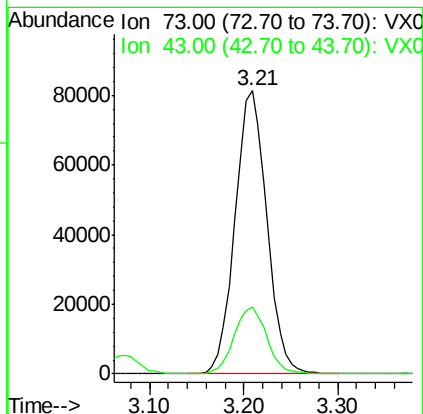
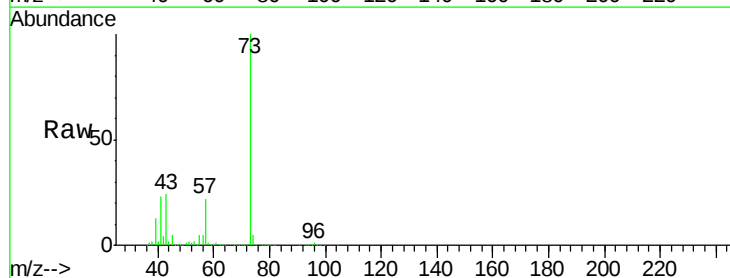
Tot Ion: 59 Resp: 72594
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

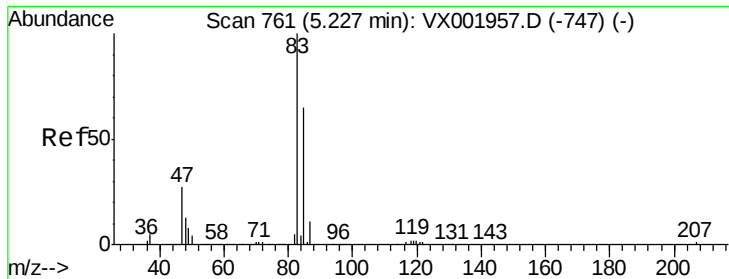


#24

Methyl tert-Butyl Ether
 Concen: 20.84 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX002684.D
 Acq: 18 Jun 2018 17:28

Tgt Ion: 73 Resp: 191774
 Ion Ratio Lower Upper
 73 100
 43 23.6 19.0 28.4





#25

Chloroform

Concen: 20.28 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :

MSVOA_X

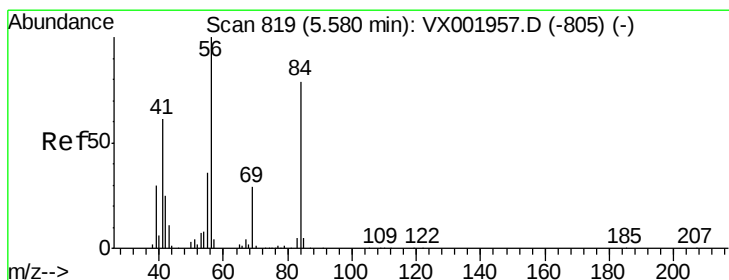
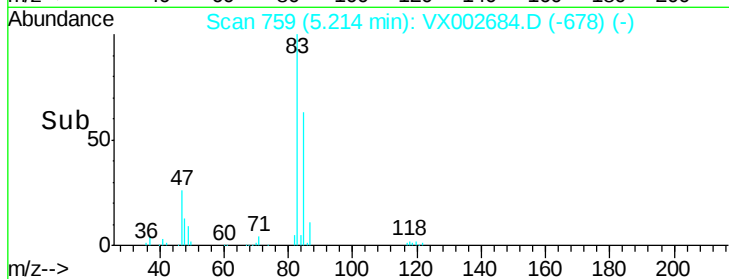
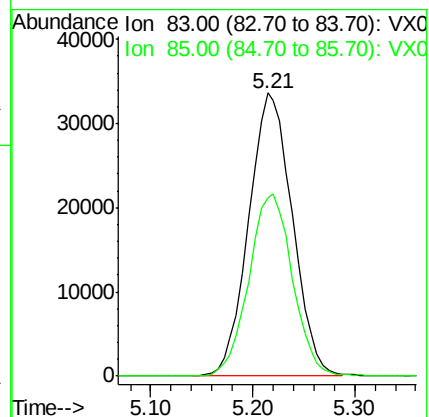
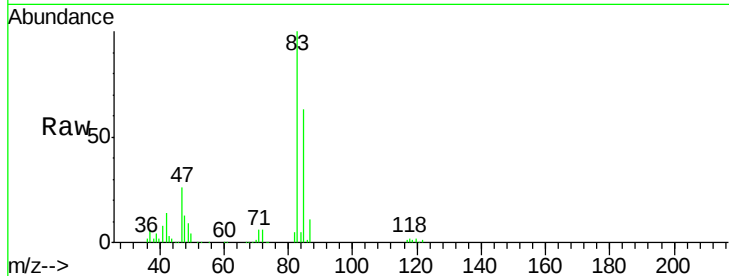
ClientSampleId :

Tot Ion: 83 Resp: 99997

Ion Ratio Lower Upper

83 100

85 63.0 51.9 77.9



#26

Cyclohexane

Concen: 19.79 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

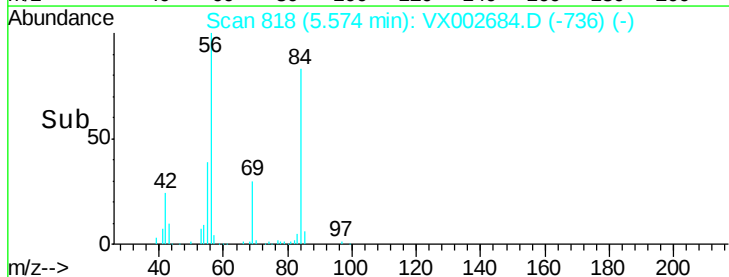
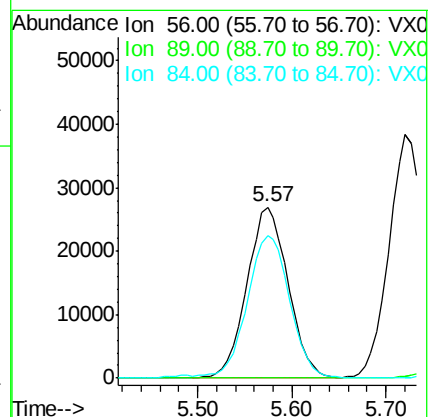
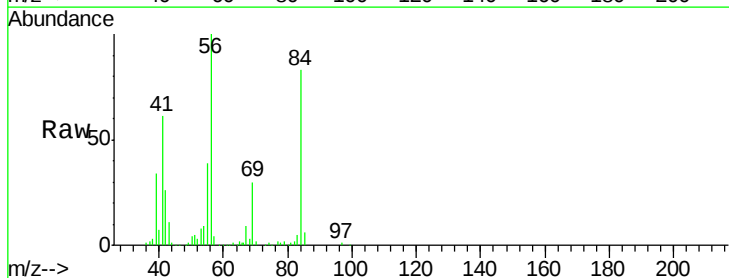
Tgt Ion: 56 Resp: 82605

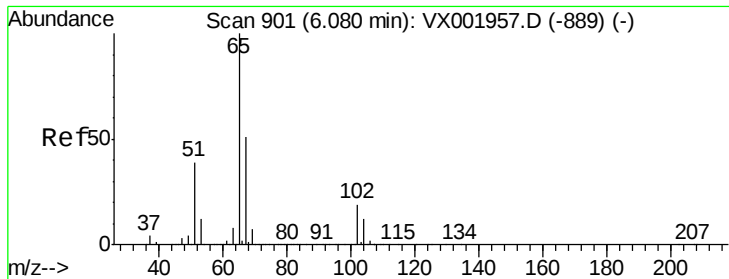
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 86.0 64.9 97.3

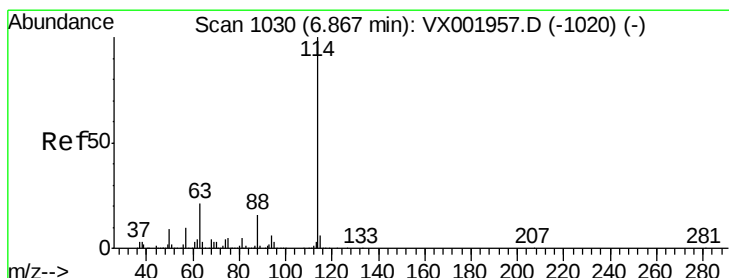
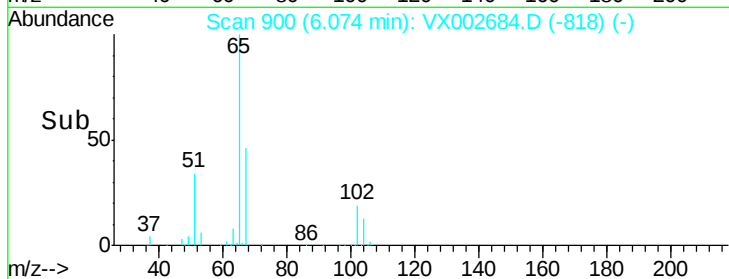
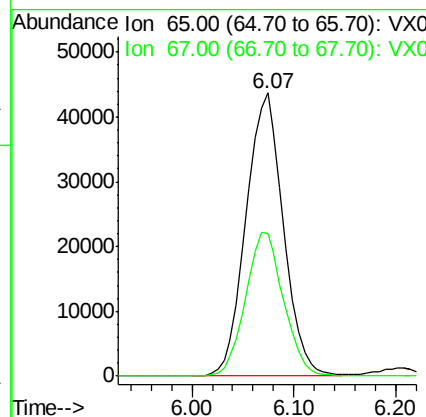
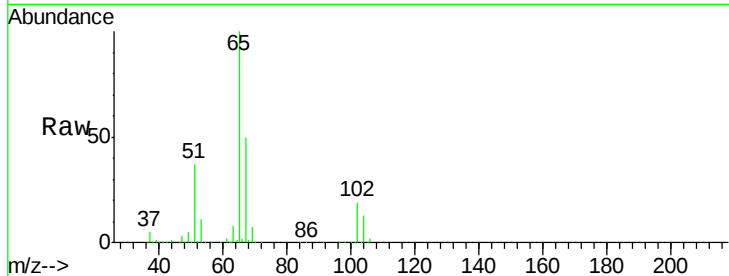




#27
 1,2-Dichloroethane-d4
 Concen: 30.59 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002684.D
 Acq: 18 Jun 2018 17:28

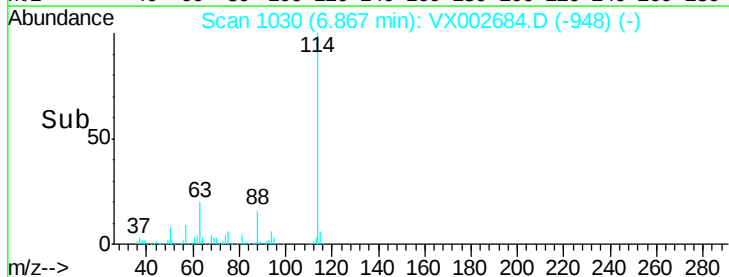
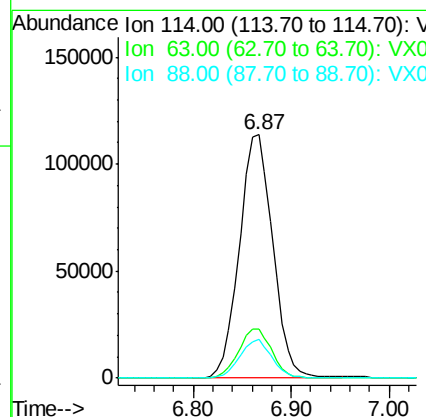
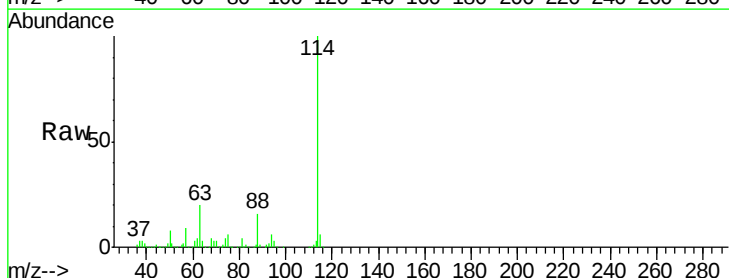
Instrument :
 MSVOA_X
 ClientSampleId :

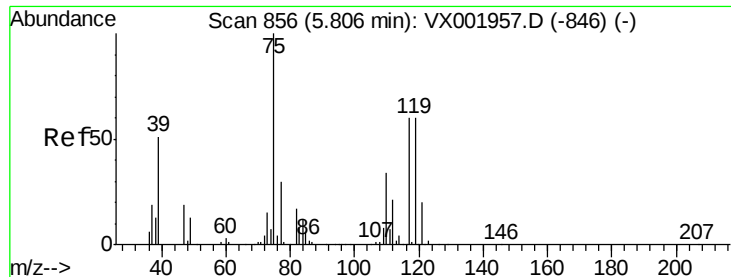
Tot Ion: 65 Resp: 111351
 Ion Ratio Lower Upper
 65 100
 67 51.5 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002684.D
 Acq: 18 Jun 2018 17:28

Tgt Ion: 114 Resp: 270741
 Ion Ratio Lower Upper
 114 100
 63 20.1 17.1 25.7
 88 15.3 12.6 19.0





#29

1,1-Dichloropropene

Concen: 19.34 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

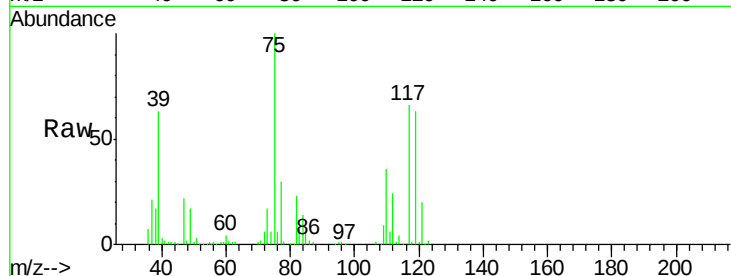
Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 70699

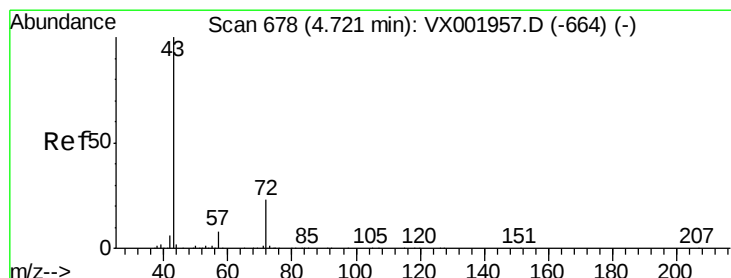
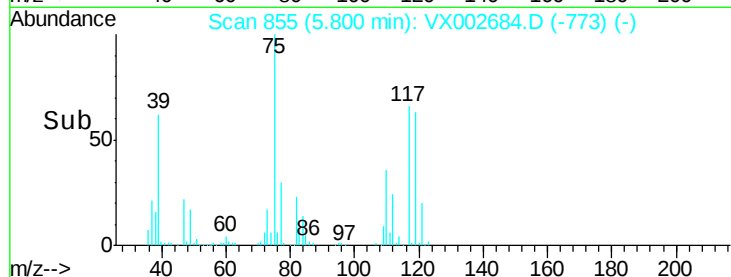
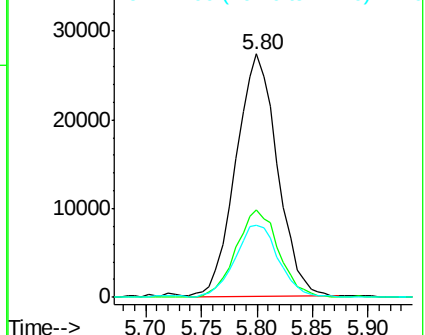
Ion	Ratio	Lower	Upper
75	100		
110	37.2	0.0	71.4
77	31.5	0.0	60.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 104.25 ug/l

RT: 4.71 min Scan# 676

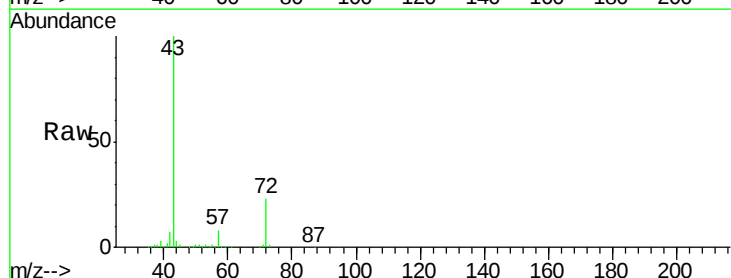
Delta R.T. -0.01 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Tgt Ion: 43 Resp: 218108

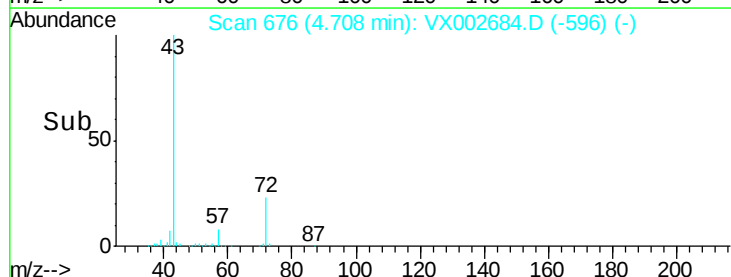
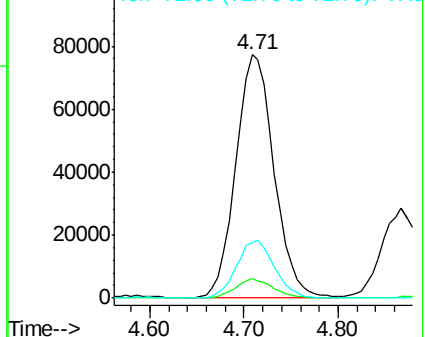
Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.1	9.1
72	24.0	18.1	27.1

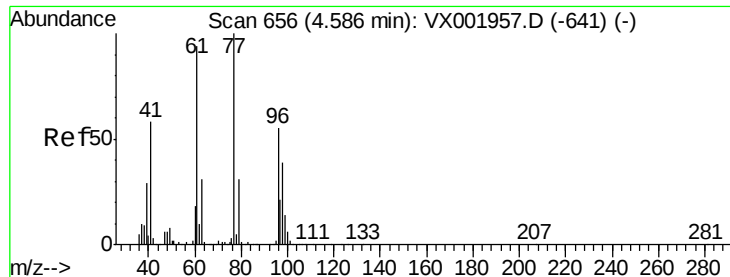


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 19.66 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

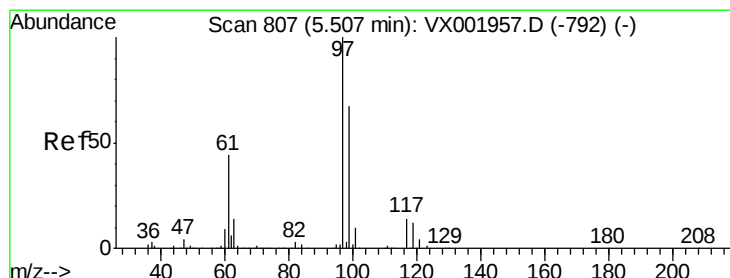
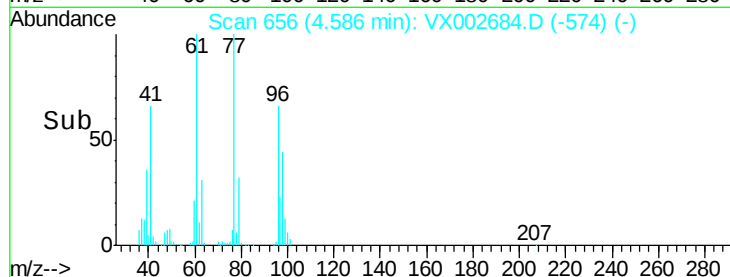
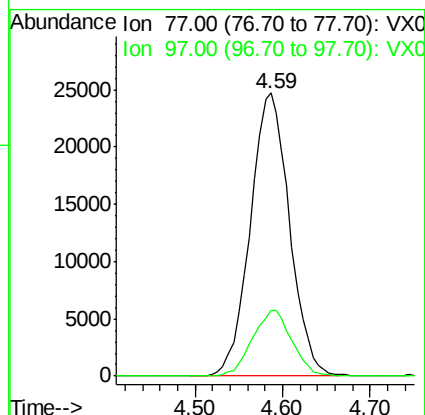
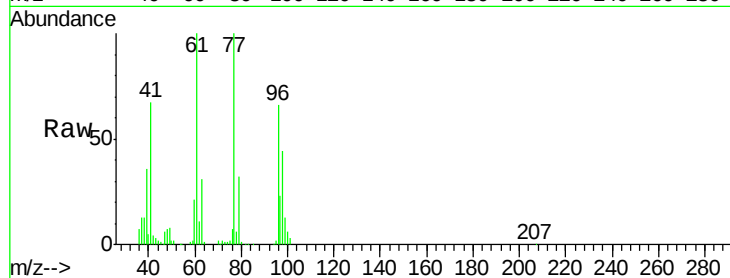
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 77 Resp: 76828

Ion Ratio Lower Upper

77 100

97 23.5 18.7 28.1



#32

1,1,1-Trichloroethane

Concen: 19.43 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

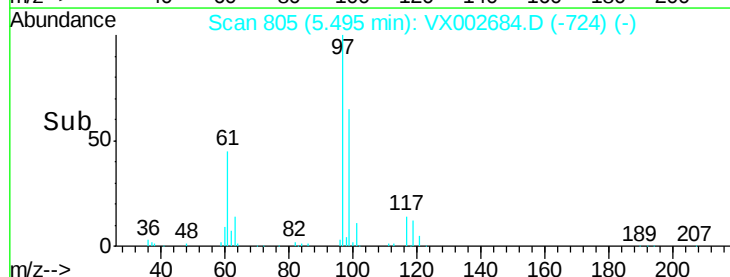
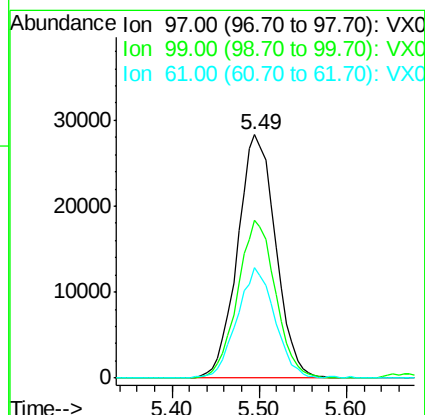
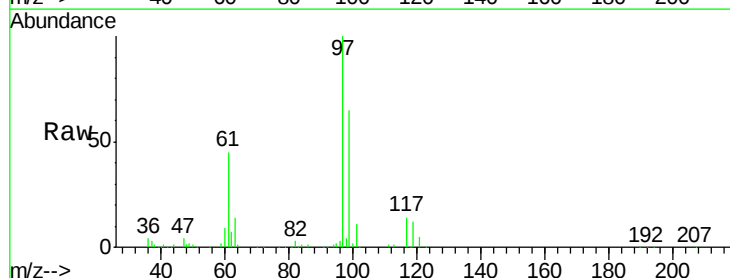
Tgt Ion: 97 Resp: 85811

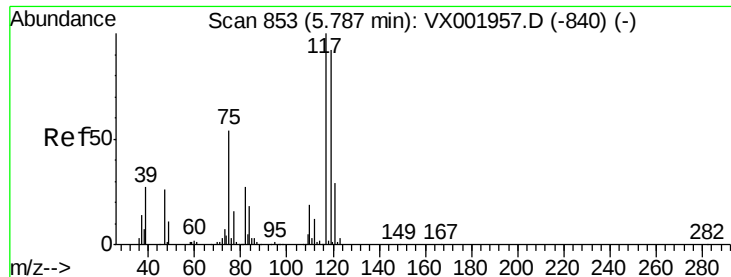
Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 44.6 36.4 54.6





#33

Carbon Tetrachloride

Concen: 18.91 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

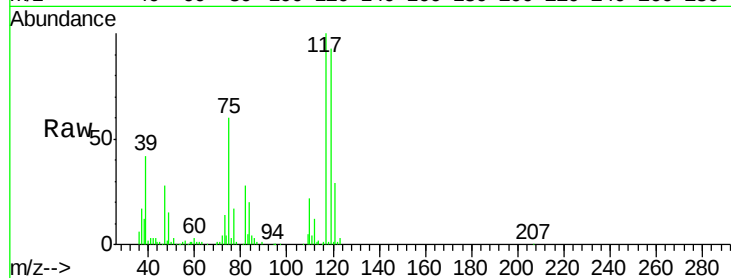
Tot Ion:117 Resp: 75062

Ion Ratio Lower Upper

117 100

119 92.9 73.3 109.9

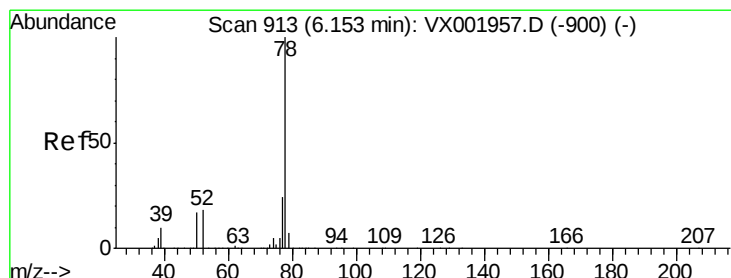
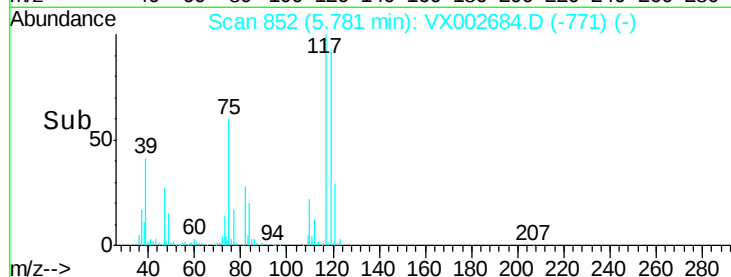
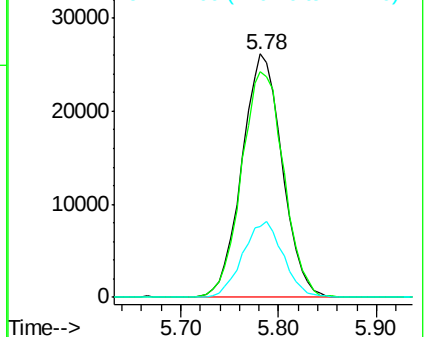
121 29.1 23.6 35.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.55 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

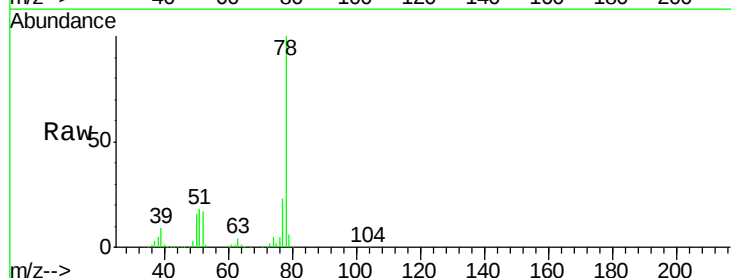
Tgt Ion: 78 Resp: 211672

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0

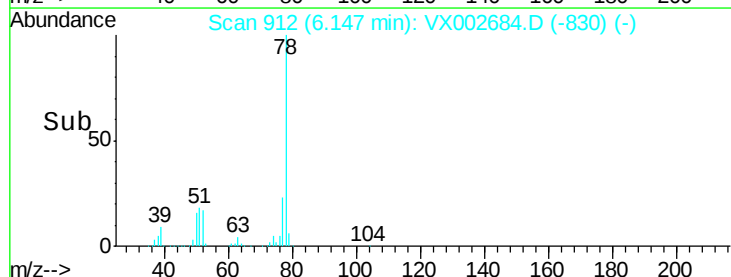
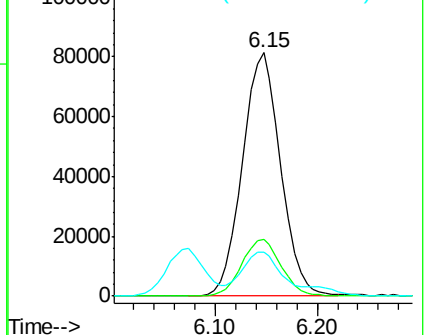
51 16.3 13.8 20.6

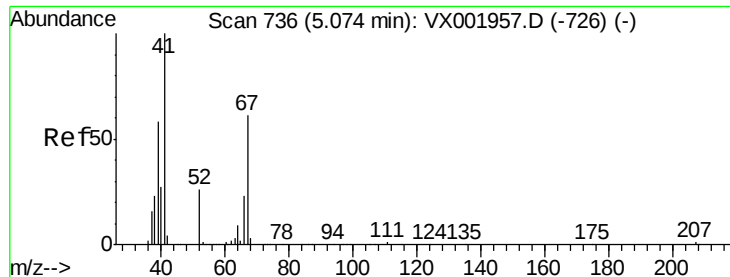


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

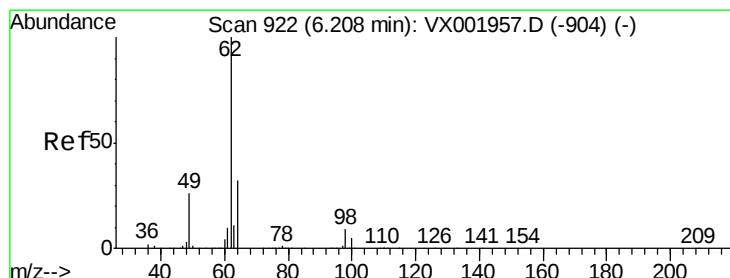
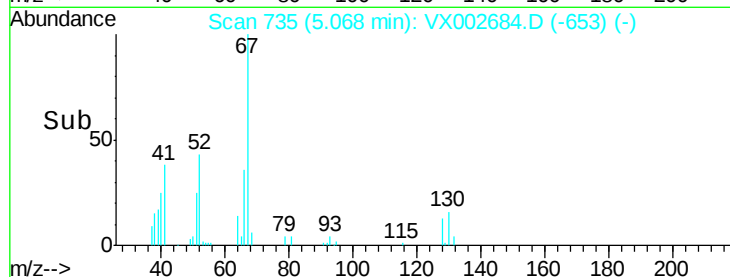
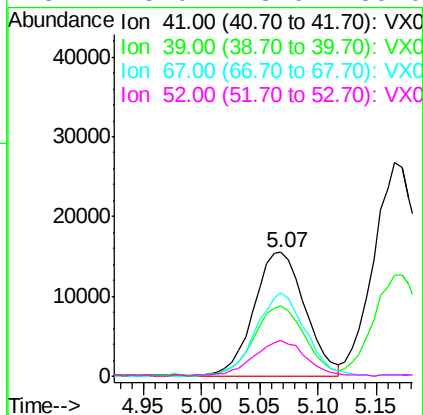
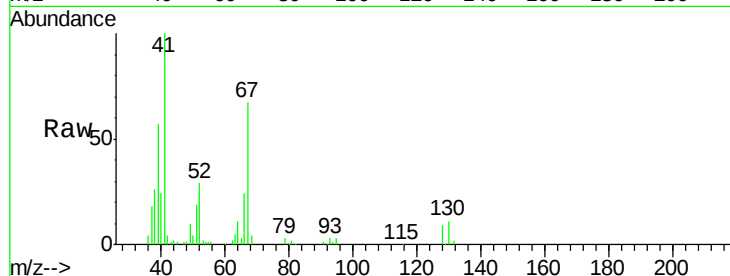




#35
Methacrylonitrile
Concen: 20.66 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

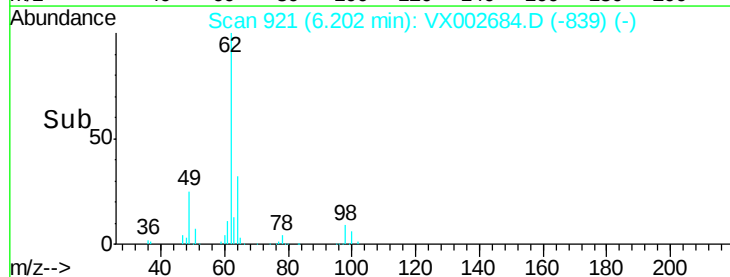
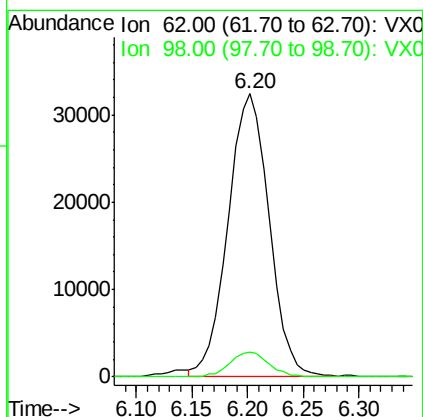
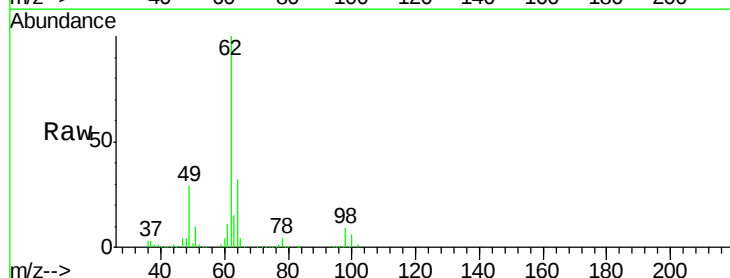
Instrument :
MSVOA_X
ClientSampled :

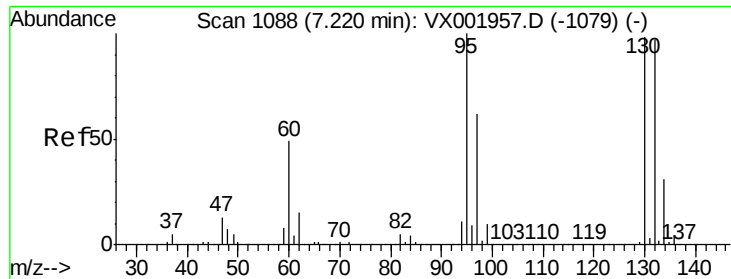
Tot Ion:	41	Resp:	47066
Ion	Ratio	Lower	Upper
41	100		
39	56.7	28.8	86.5
67	67.0	30.4	91.2
52	28.0	13.0	39.0



#36
1,2-Dichloroethane
Concen: 19.59 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

Tgt Ion:	62	Resp:	83267
Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.5	9.7

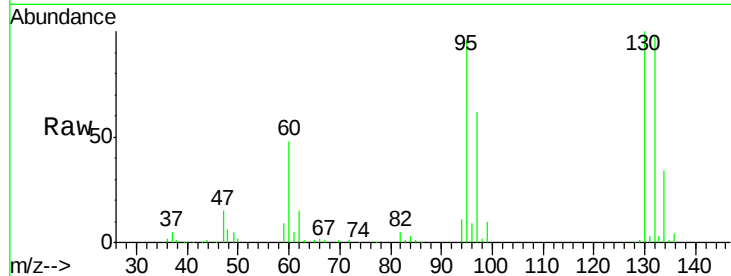




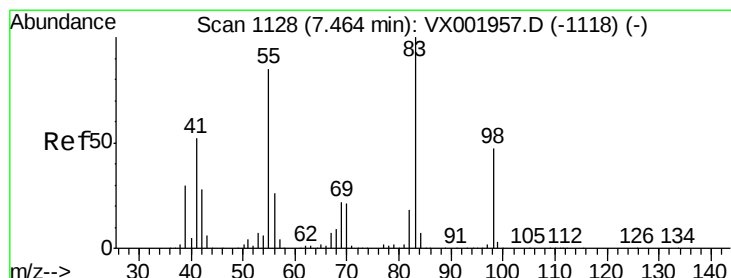
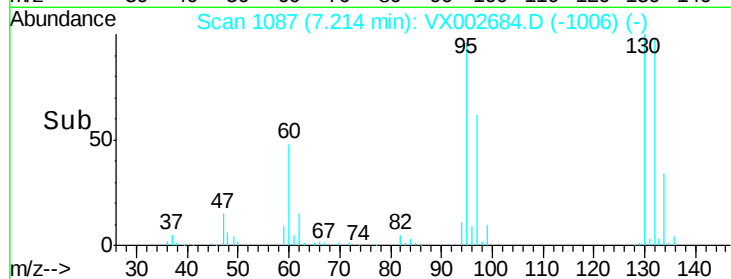
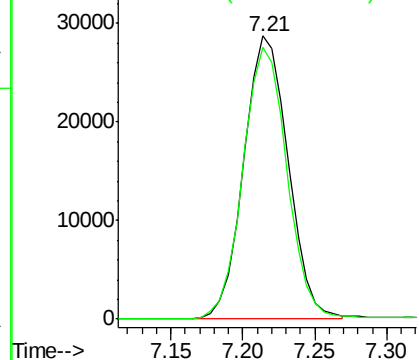
#37
 Trichloroethene
 Concen: 19.37 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002684.D
 Acq: 18 Jun 2018 17:28

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 61432
 Ion Ratio Lower Upper
 130 100
 95 95.8 81.5 122.3

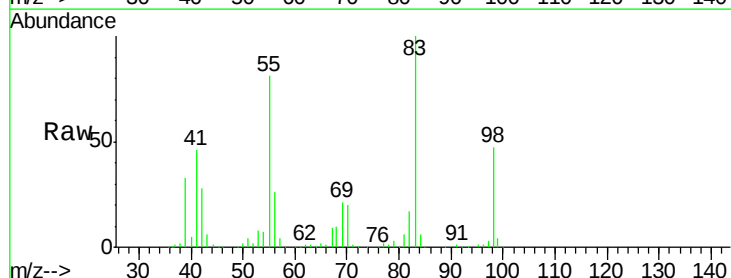


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

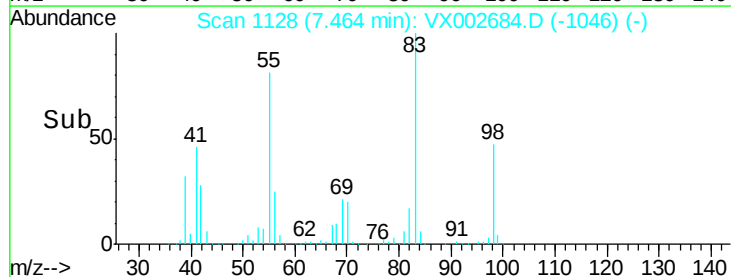
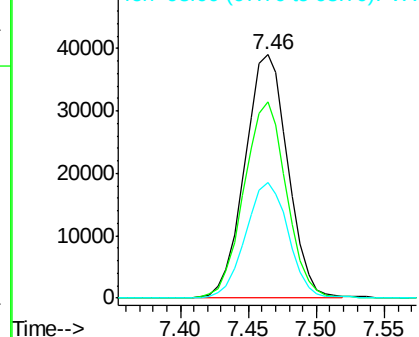


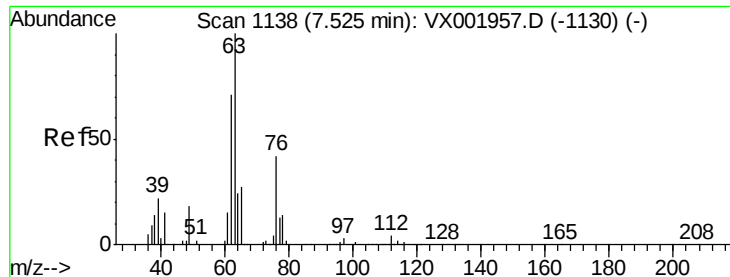
#38
 Methylcyclohexane
 Concen: 19.42 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX002684.D
 Acq: 18 Jun 2018 17:28

Tgt Ion: 83 Resp: 86405
 Ion Ratio Lower Upper
 83 100
 55 79.5 40.6 121.8
 98 47.3 23.5 70.5



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

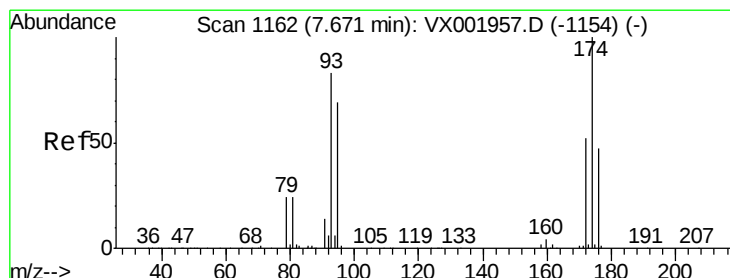
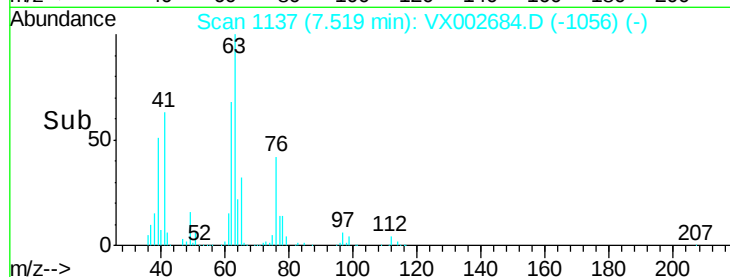
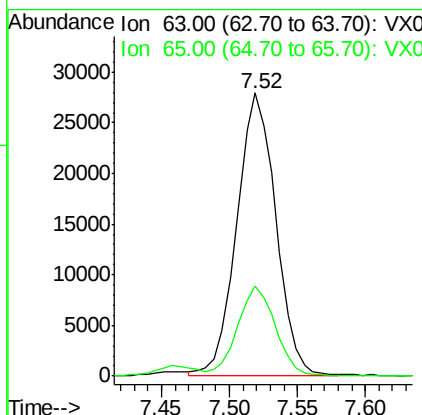
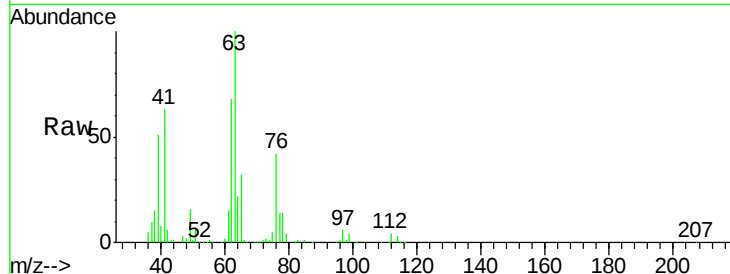




#39
 1,2-Dichloropropane
 Concen: 19.90 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX002684.D
 Acq: 18 Jun 2018 17:28

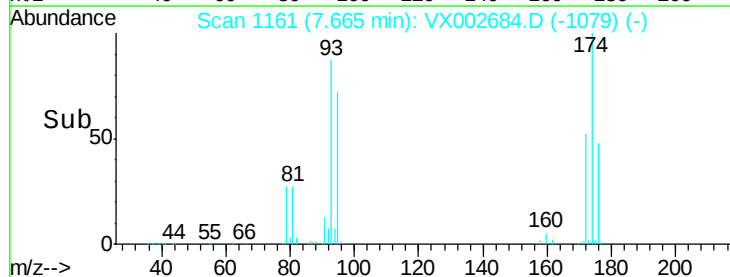
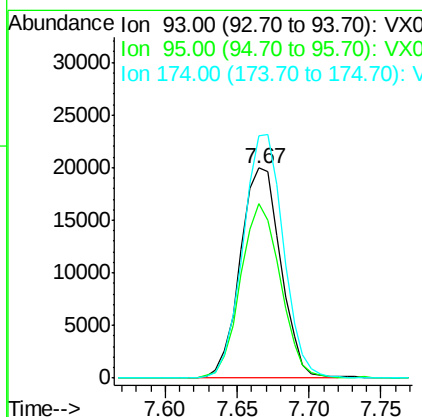
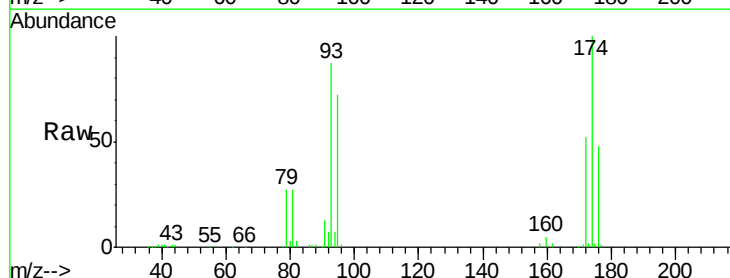
Instrument :
 MSVOA_X
 ClientSampled :

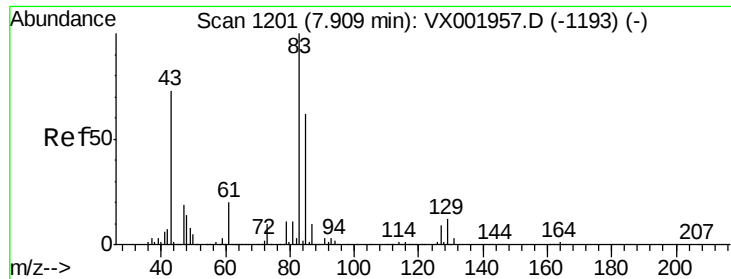
Tot Ion: 63 Resp: 56218
 Ion Ratio Lower Upper
 63 100
 65 31.6 23.3 34.9



#40
 Dibromomethane
 Concen: 19.92 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002684.D
 Acq: 18 Jun 2018 17:28

Tgt Ion: 93 Resp: 39088
 Ion Ratio Lower Upper
 93 100
 95 81.2 0.0 162.6
 174 115.1 0.0 229.4





#41

Bromodichloromethane

Concen: 18.98 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :
MSVOA_X
ClientSampled :

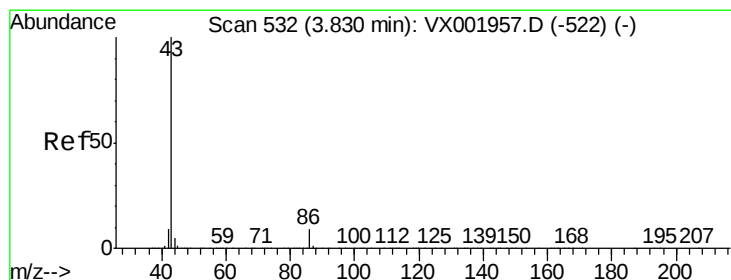
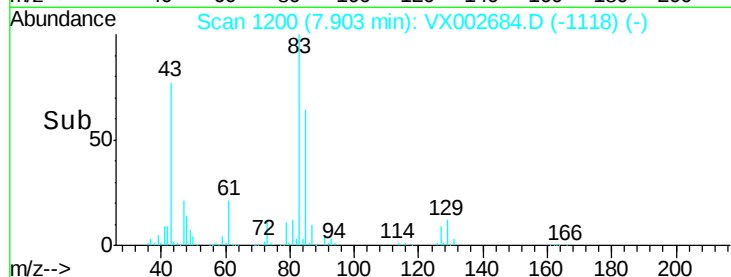
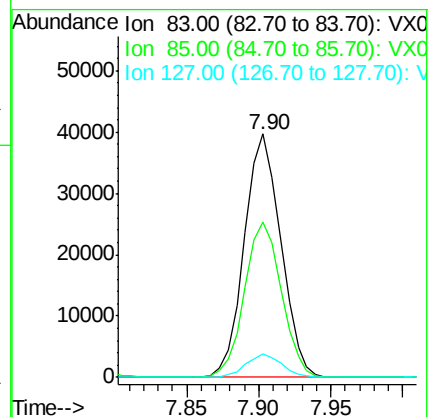
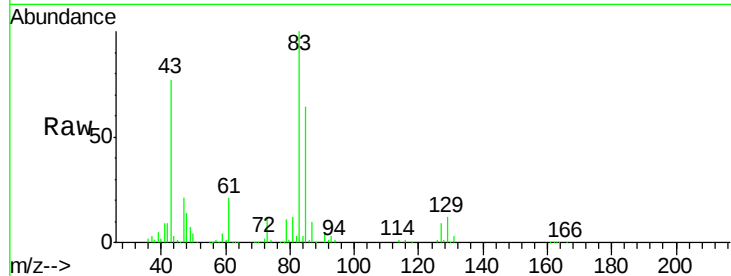
Tot Ion: 83 Resp: 69976

Ion Ratio Lower Upper

83 100

85 63.8 49.8 74.8

127 9.4 7.3 10.9



#42

Vinyl Acetate

Concen: 106.94 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002684.D

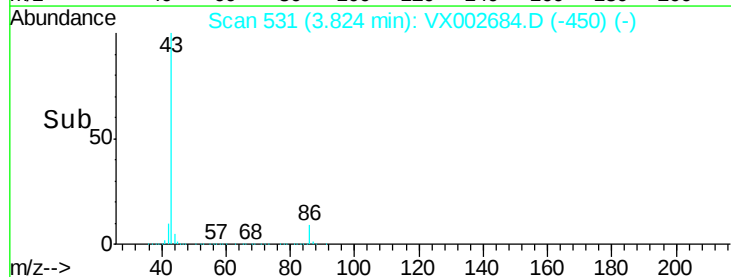
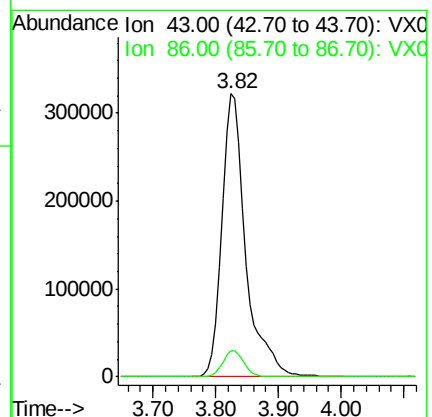
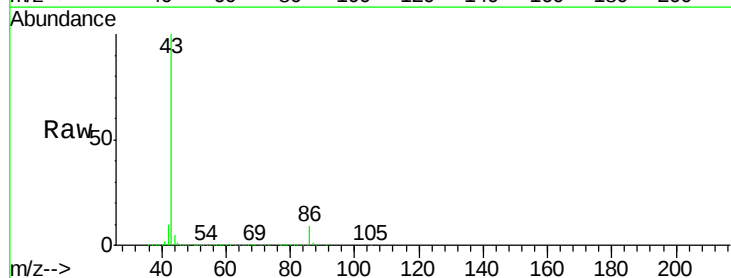
Acq: 18 Jun 2018 17:28

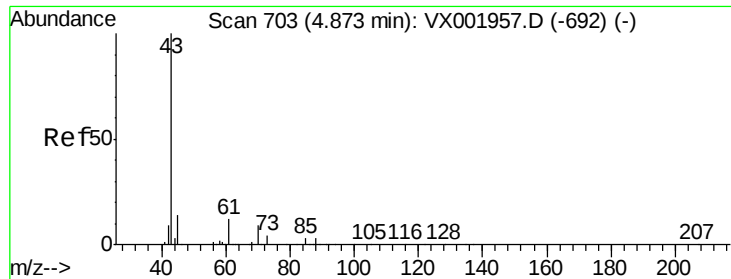
Tgt Ion: 43 Resp: 848541

Ion Ratio Lower Upper

43 100

86 8.2 6.7 10.1

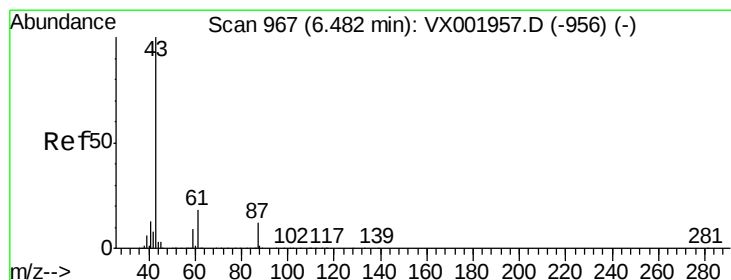
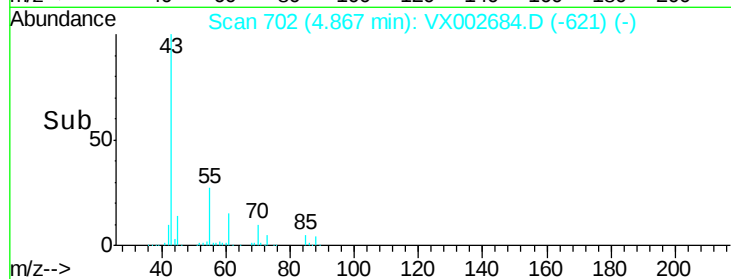
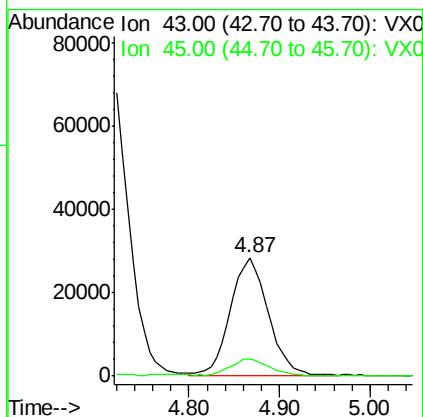
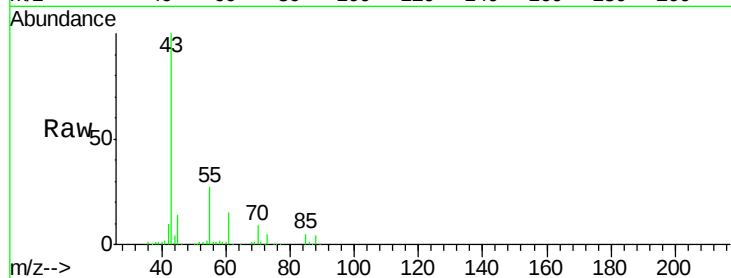




#43
Ethyl Acetate
Concen: 20.44 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

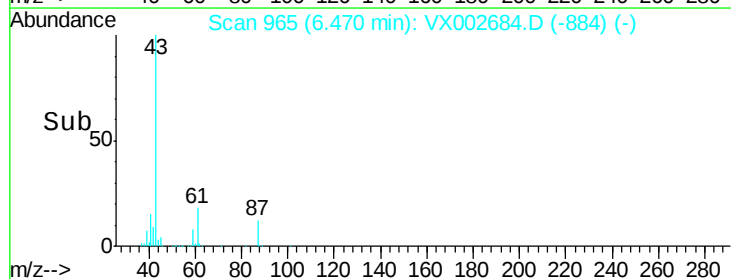
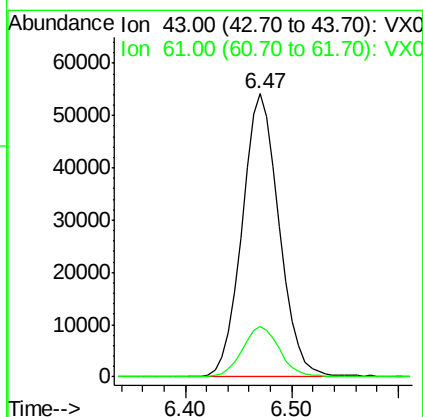
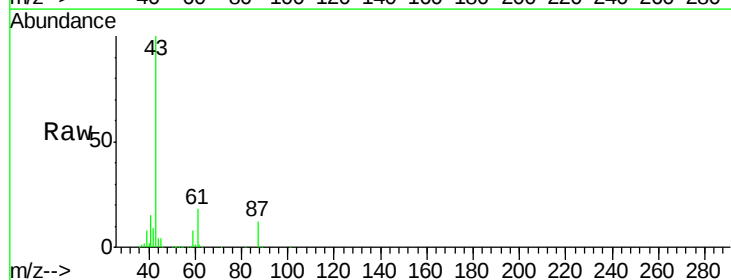
Instrument :
MSVOA_X
ClientSampleId :

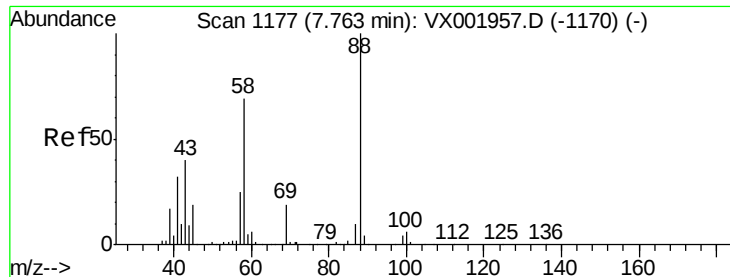
Tot Ion: 43 Resp: 81803
Ion Ratio Lower Upper
43 100
45 14.5 11.0 16.4



#44
Isopropyl Acetate
Concen: 19.61 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

Tgt Ion: 43 Resp: 131497
Ion Ratio Lower Upper
43 100
61 18.0 14.5 21.7





#45

1,4-Dioxane

Concen: 421.58 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.01 min

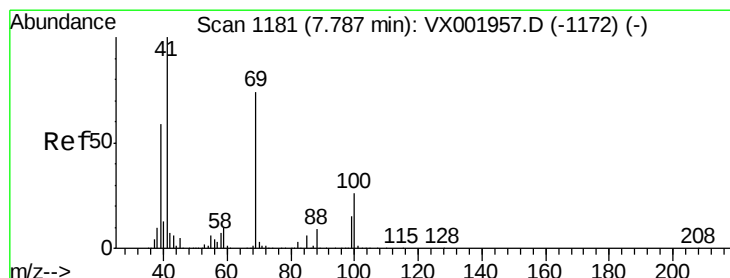
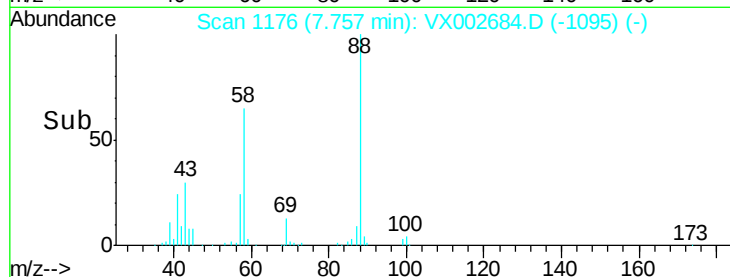
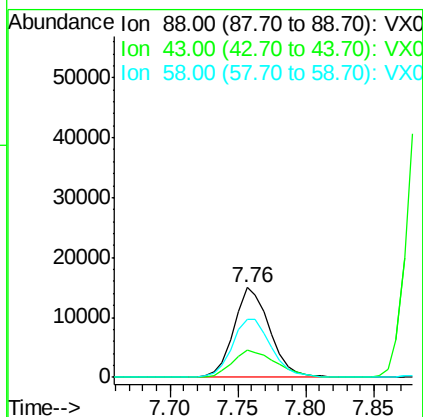
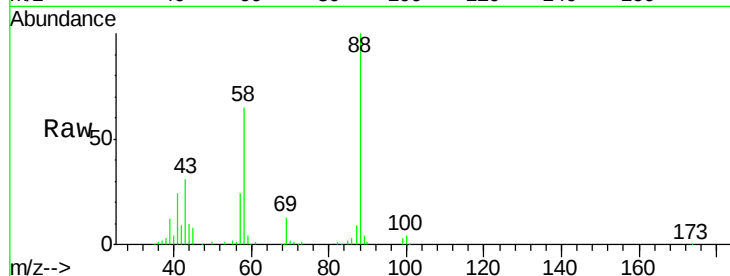
Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 27689

Ion	Ratio	Lower	Upper
88	100		
43	35.9	43.2	64.8#
58	70.4	60.2	90.2



#46

Methyl methacrylate

Concen: 19.85 ug/l

RT: 7.78 min Scan# 1180

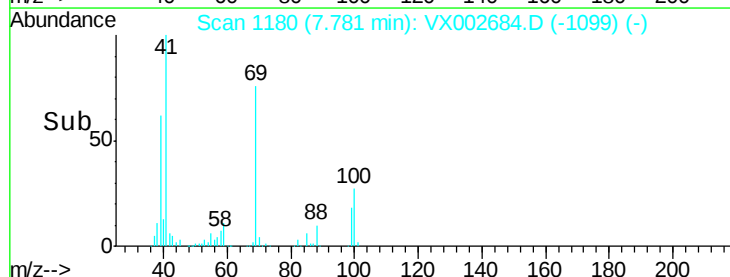
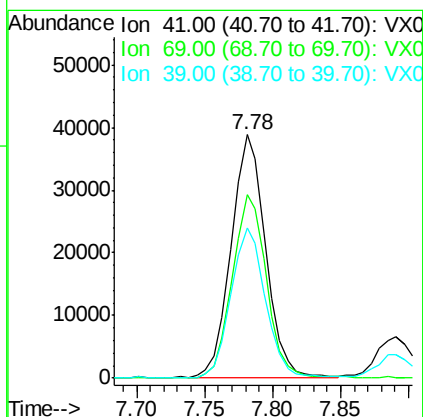
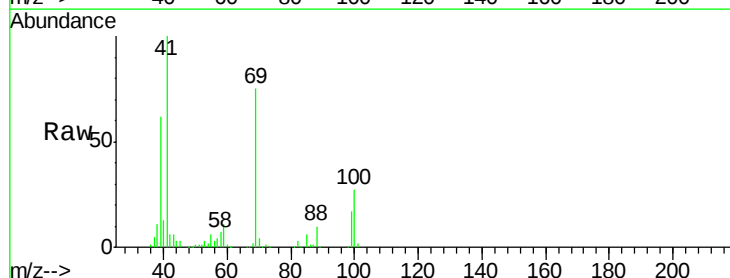
Delta R.T. -0.01 min

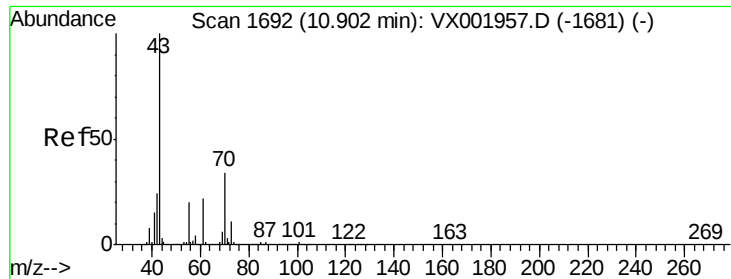
Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Tgt Ion: 41 Resp: 68003

Ion	Ratio	Lower	Upper
41	100		
69	75.5	37.0	110.9
39	61.6	29.6	88.9

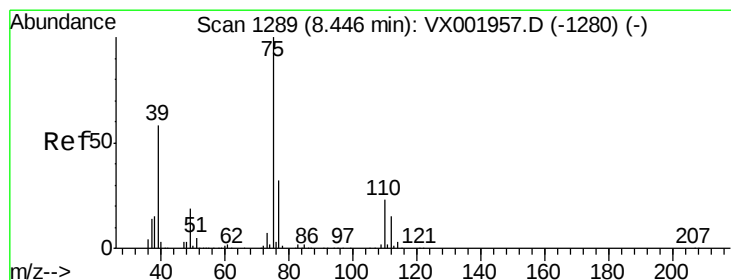
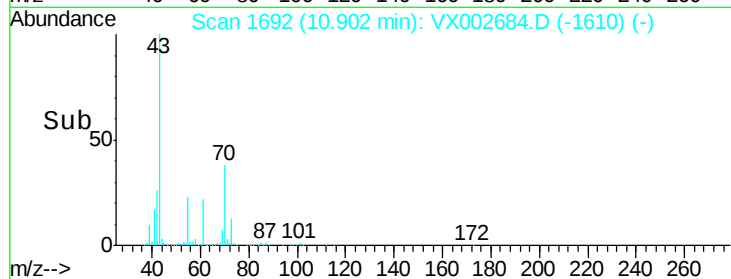
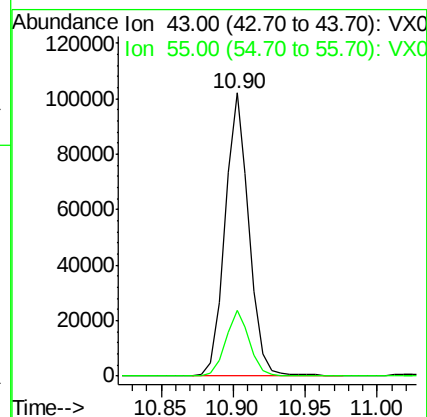
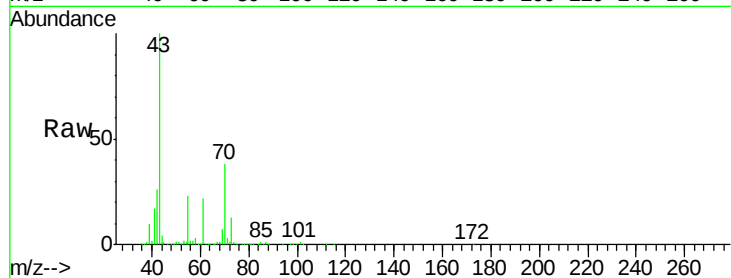




#47
n-amvl Acetate
Concen: 18.69 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

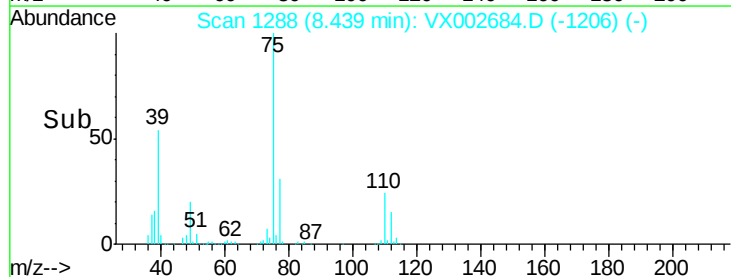
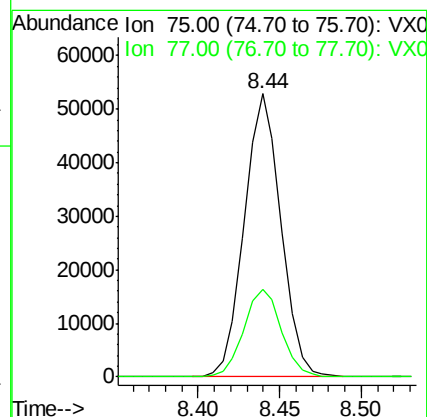
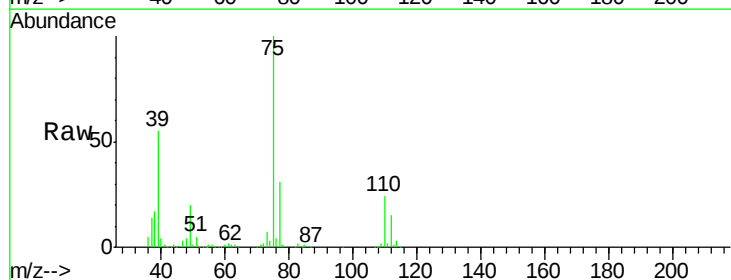
Instrument :
MSVOA_X
ClientSampleId :

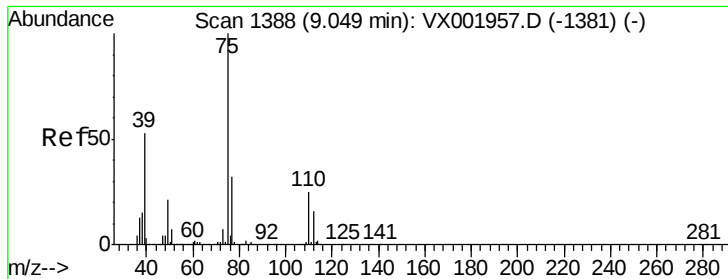
Tot Ion: 43 Resp: 118263
Ion Ratio Lower Upper
43 100
55 23.3 0.1 0.1#



#48
t-1,3-Dichloropropene
Concen: 19.06 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

Tgt Ion: 75 Resp: 82477
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4



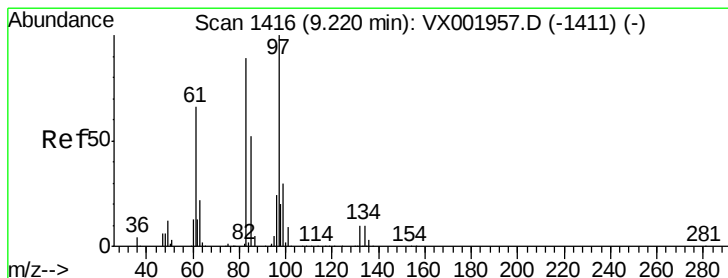
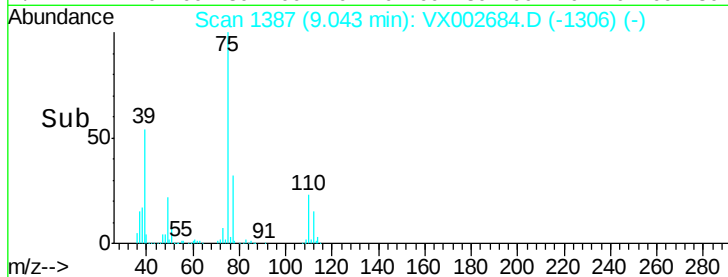
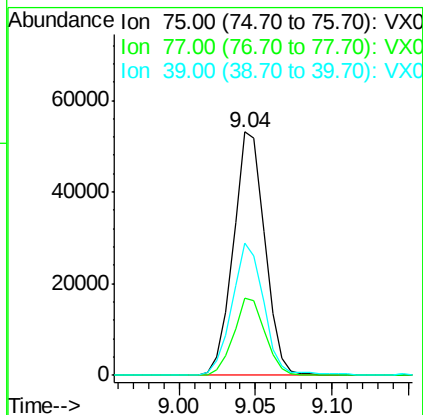
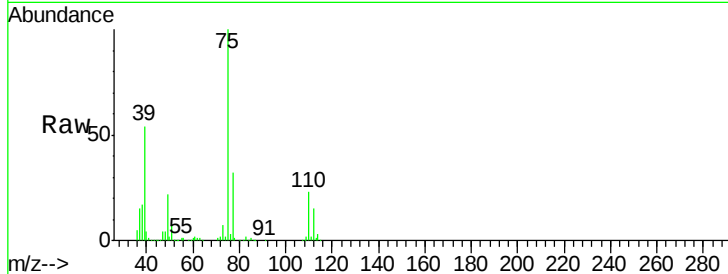


#49

cis-1,3-Dichloropropene
 Concen: 18.80 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX002684.D
 Acq: 18 Jun 2018 17:28

Instrument :
 MSVOA_X
 ClientSampleId :

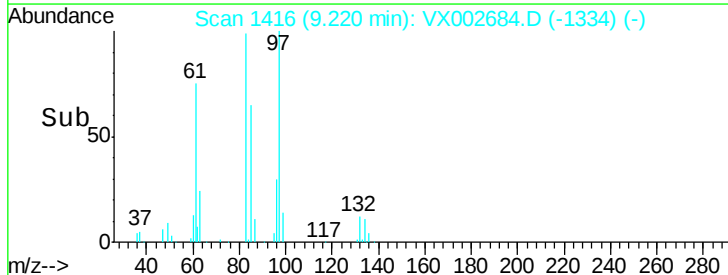
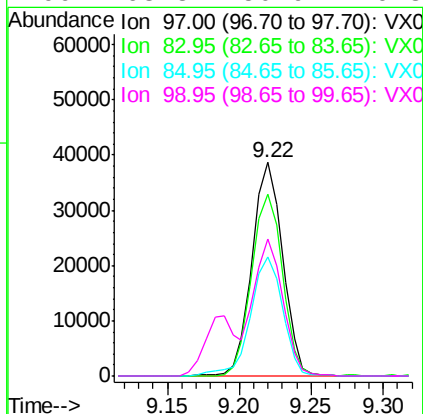
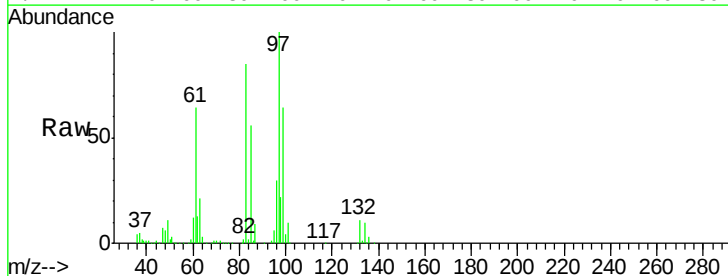
Tot Ion	75	Resp	75968
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.4	38.2
39	54.0	42.3	63.5

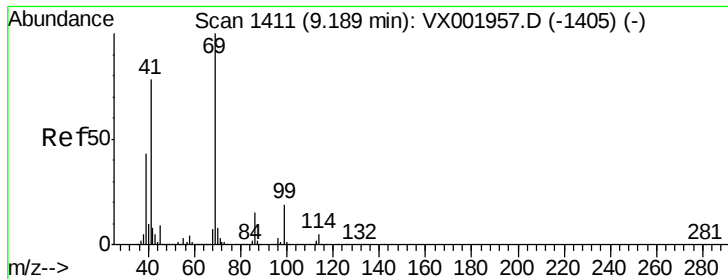


#50

1,1,2-Trichloroethane
 Concen: 19.71 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002684.D
 Acq: 18 Jun 2018 17:28

Tgt Ion	97	Resp	57038
Ion	Ratio	Lower	Upper
97	100		
83	84.9	70.8	106.2
85	55.7	43.5	65.3
99	63.8	50.9	76.3





#51

Ethyl methacrylate

Concen: 19.43 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :
MSVOA_X
ClientSampleId :

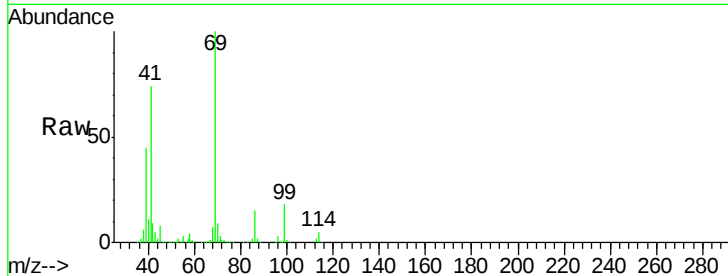
Tot Ion: 69 Resp: 84911

Ion	Ratio	Lower	Upper
69	100		
41	73.5	39.1	117.3
39	44.6	21.7	65.1

69 100

41 73.5 39.1 117.3

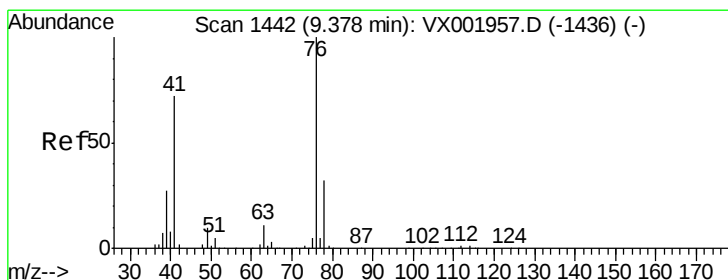
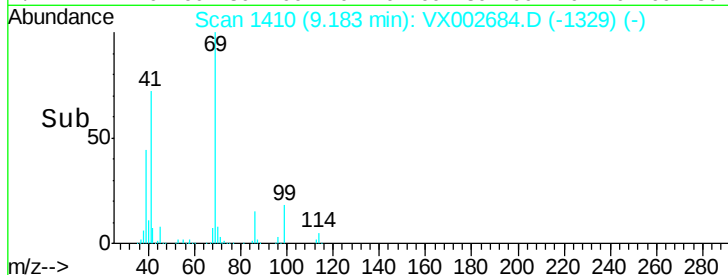
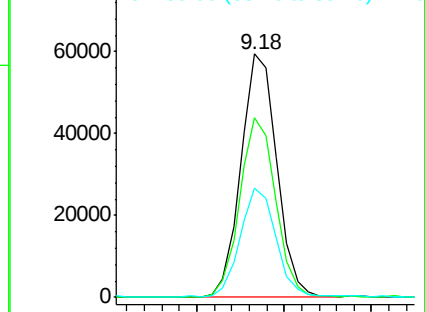
39 44.6 21.7 65.1



Abundance Ion 69.00 (68.70 to 69.70): VX001957.D (-1405) (-)

Ion 41.00 (40.70 to 41.70): VX001957.D (-1405) (-)

Ion 39.00 (38.70 to 39.70): VX001957.D (-1405) (-)



#52

1,3-Dichloropropane

Concen: 19.69 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002684.D

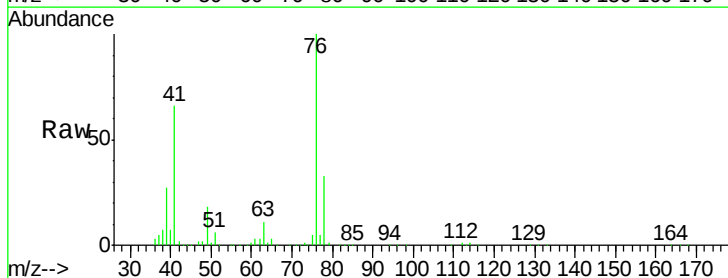
Acq: 18 Jun 2018 17:28

Tgt Ion: 76 Resp: 93066

Ion	Ratio	Lower	Upper
76	100		
78	32.6	0.0	63.4

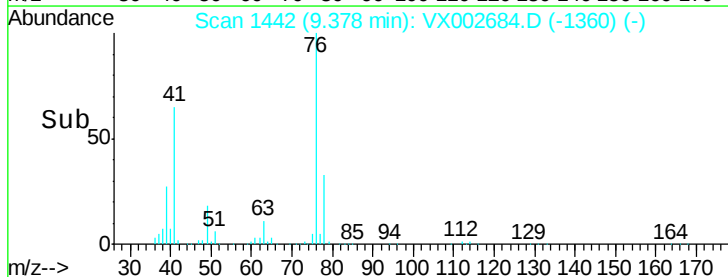
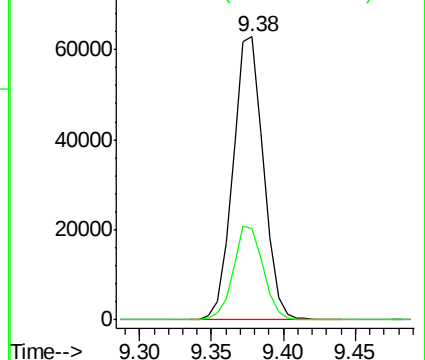
76 100

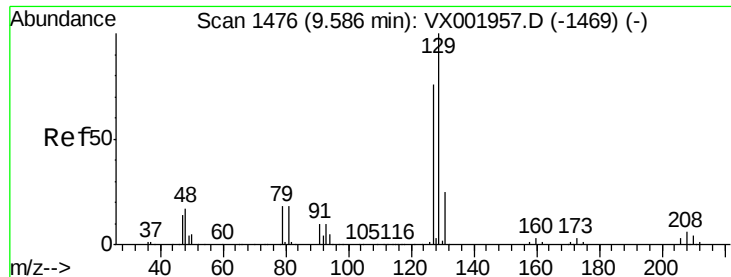
78 32.6 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX001957.D (-1436) (-)

Ion 78.00 (77.70 to 78.70): VX001957.D (-1436) (-)





#53

Dibromochloromethane

Concen: 18.35 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

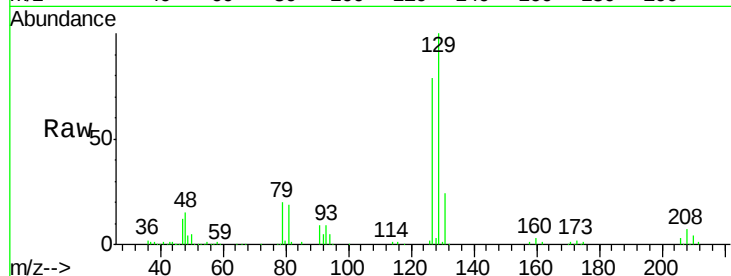
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 56392

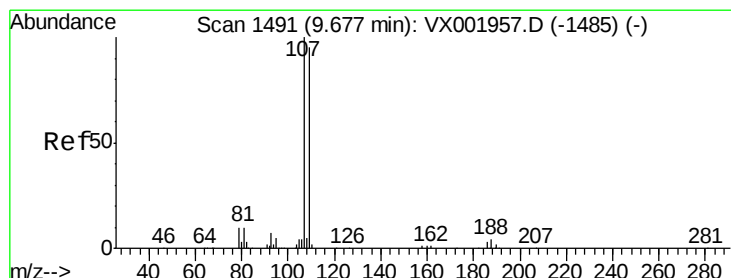
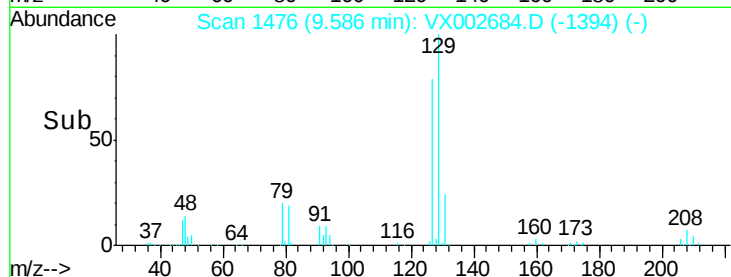
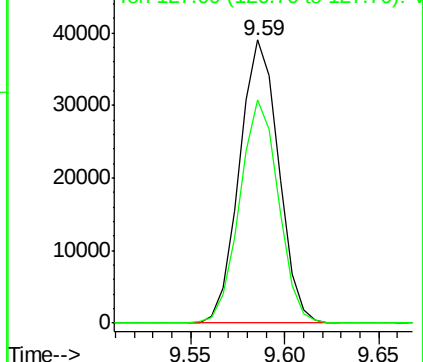
Ion Ratio Lower Upper

129 100

127 77.7 38.5 115.3



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.61 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002684.D

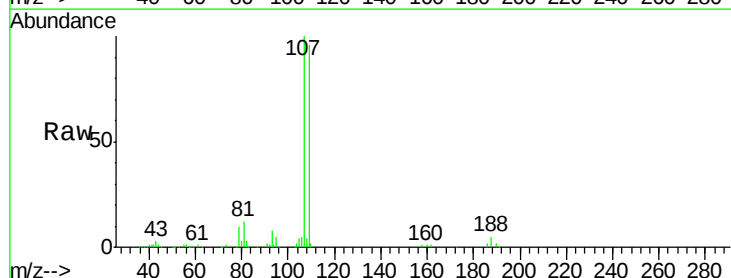
Acq: 18 Jun 2018 17:28

Tgt Ion:107 Resp: 59802

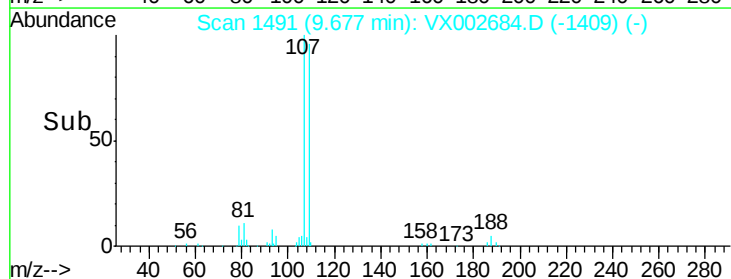
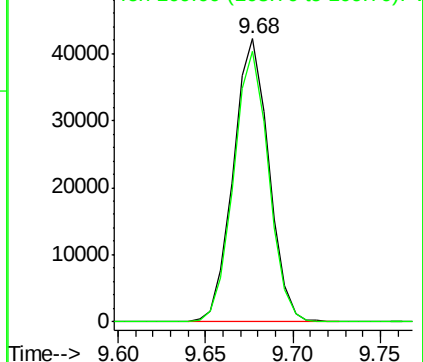
Ion Ratio Lower Upper

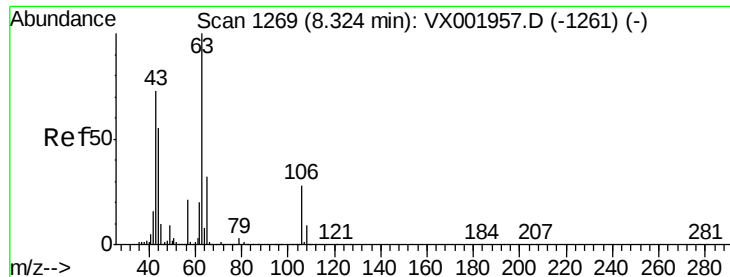
107 100

109 93.8 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 96.24 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

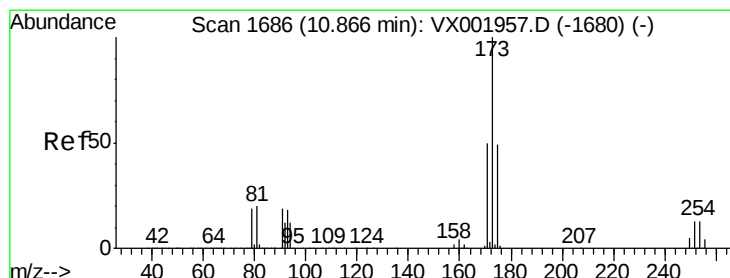
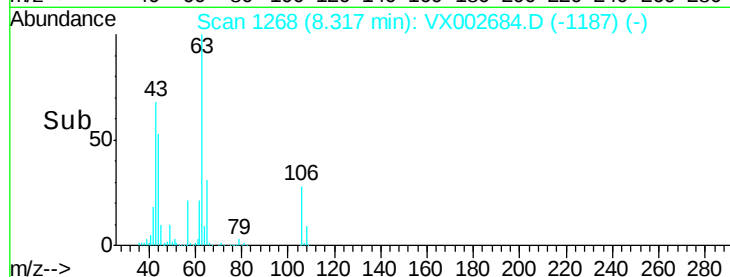
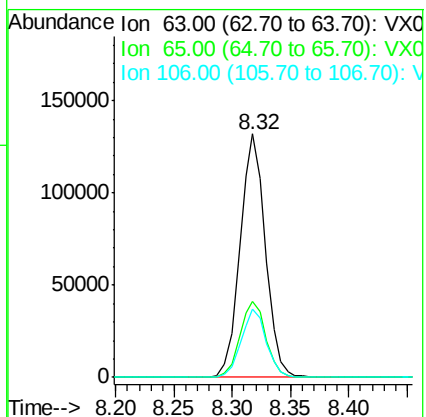
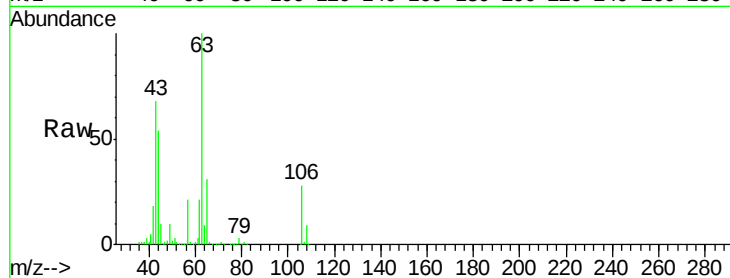
Tot Ion: 63 Resp: 199711

Ion Ratio Lower Upper

63 100

65 31.9 25.6 38.4

106 27.9 21.6 32.4



#56

Bromoform

Concen: 17.72 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

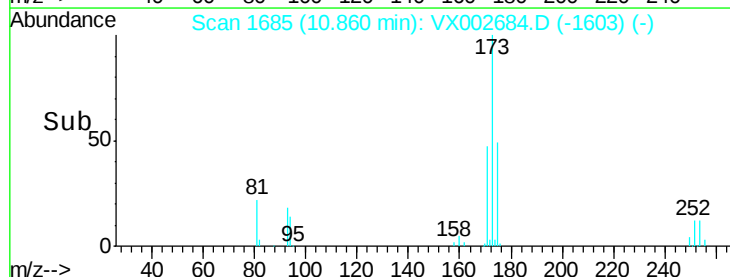
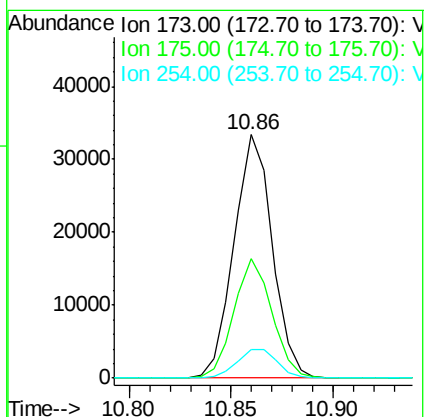
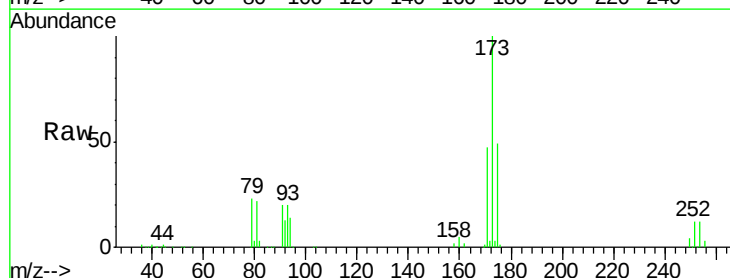
Tgt Ion: 173 Resp: 43480

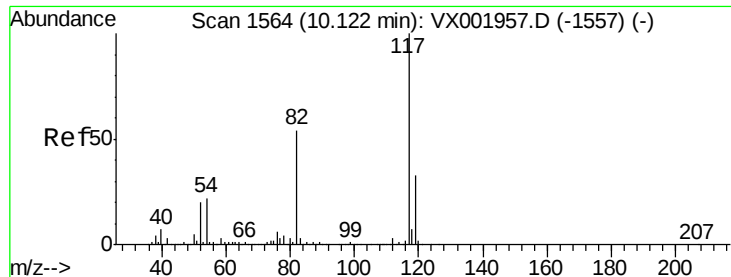
Ion Ratio Lower Upper

173 100

175 48.6 39.0 58.4

254 12.3 9.6 14.4

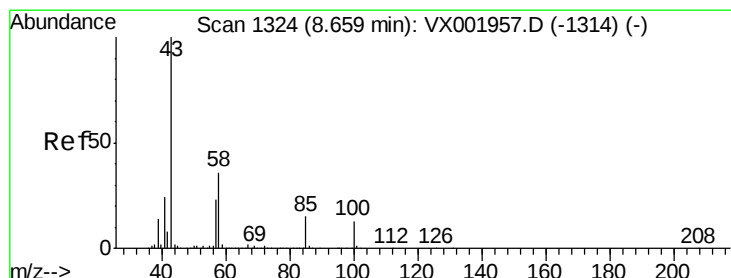
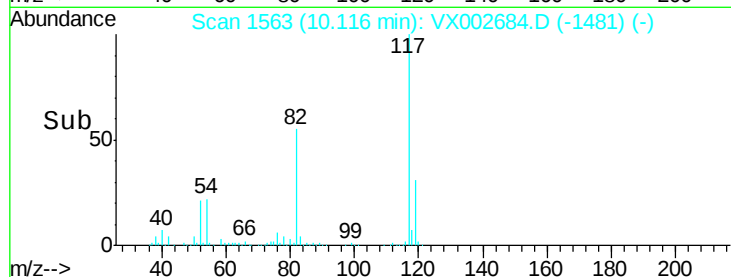
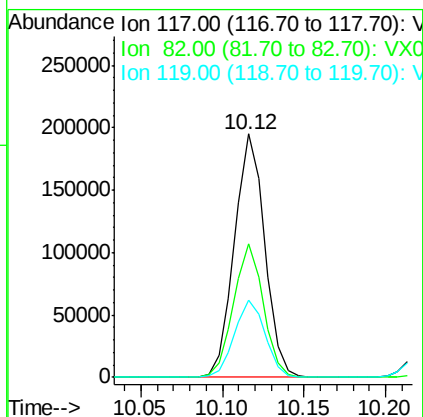
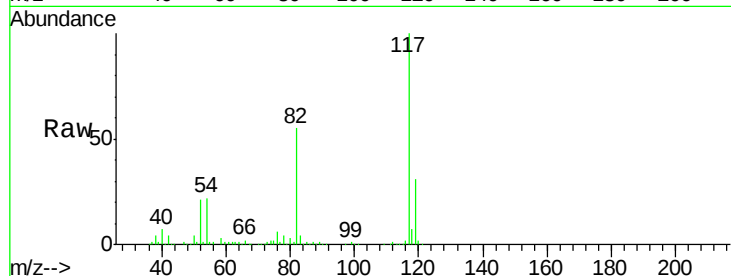




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

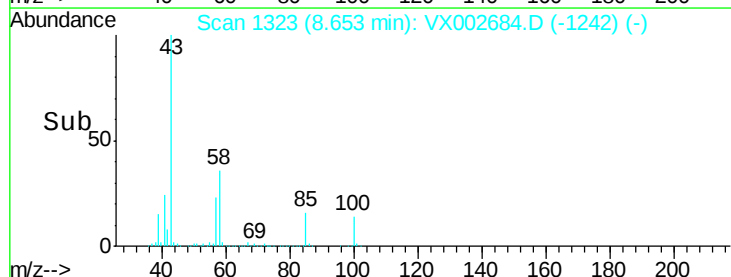
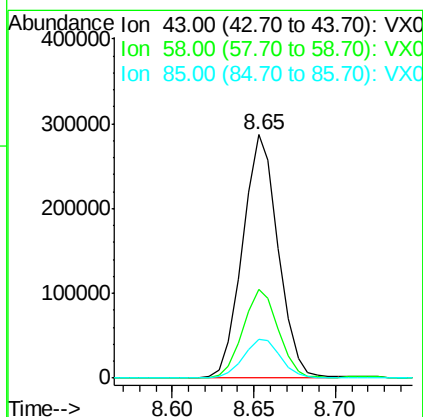
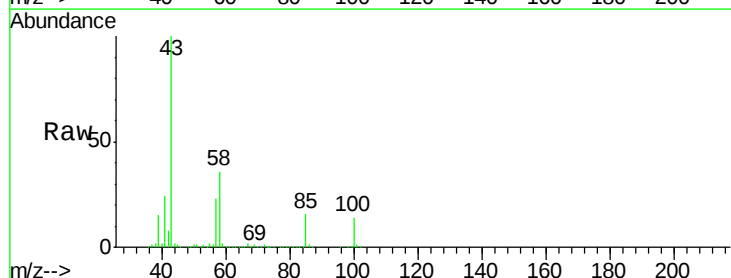
Instrument :
MSVOA_X
ClientSampled :

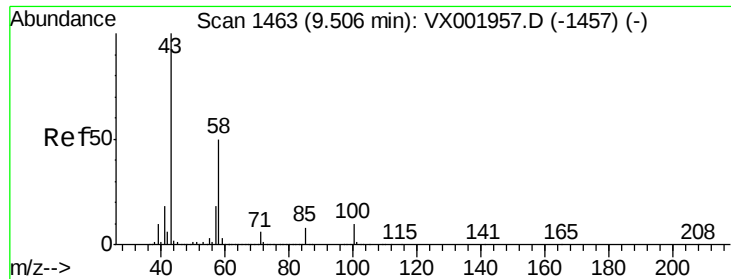
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.3	66.5
119	31.9	25.7	38.5



#58
4-Methyl-2-Pentanone
Concen: 101.03 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.6	28.2	42.4
85	16.5	12.4	18.6

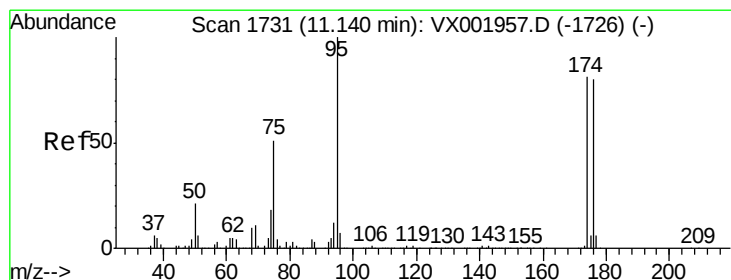
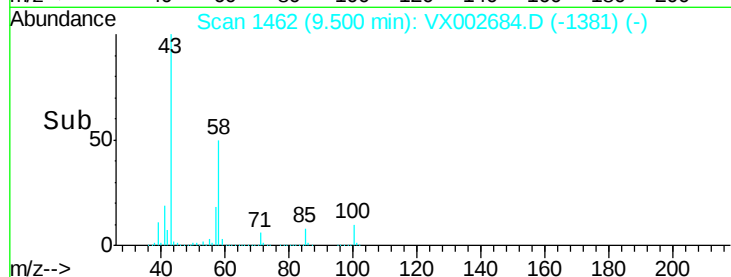
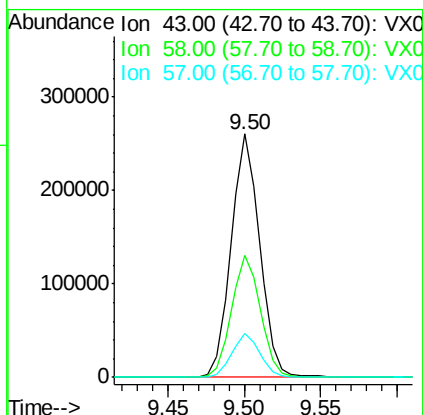
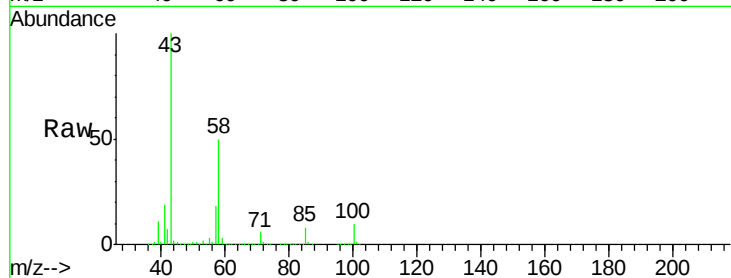




#59
2-Hexanone
Concen: 102.20 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

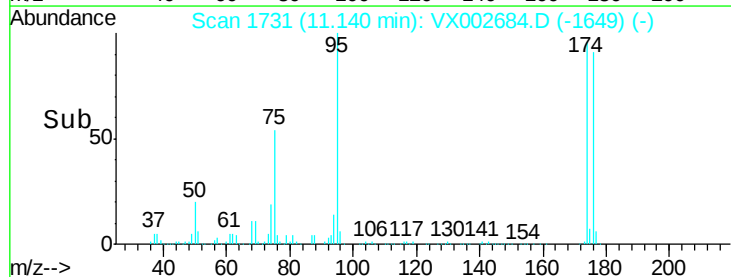
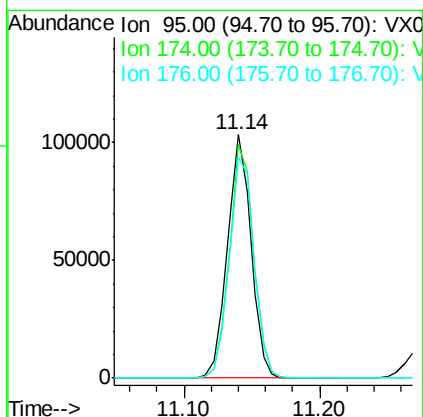
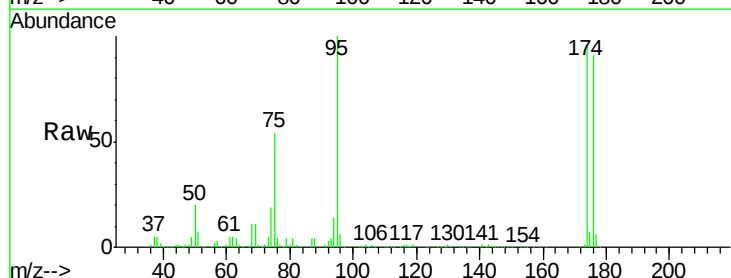
Instrument :
MSVOA_X
ClientSampleId :

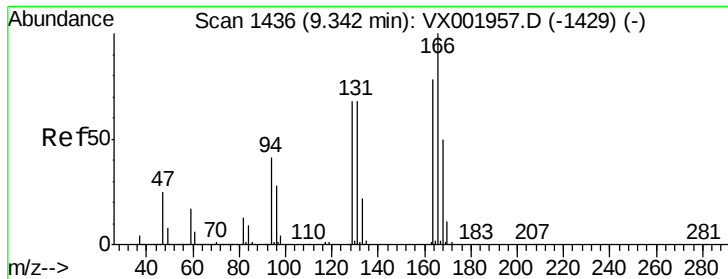
Tot Ion: 43 Resp: 336842
Ion Ratio Lower Upper
43 100
58 50.8 39.6 59.4
57 18.0 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.56 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

Tgt Ion: 95 Resp: 123953
Ion Ratio Lower Upper
95 100
174 98.6 71.8 107.6
176 95.1 70.1 105.1





#61

Tetrachloroethene

Concen: 19.83 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. -0.01 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 69107

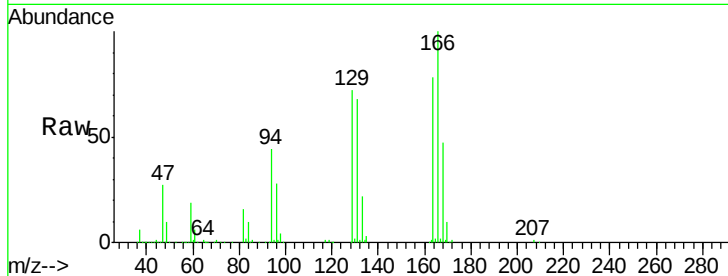
Ion Ratio Lower Upper

164 100

166 127.9 102.4 153.6

129 92.2 70.1 105.1

131 87.0 69.1 103.7

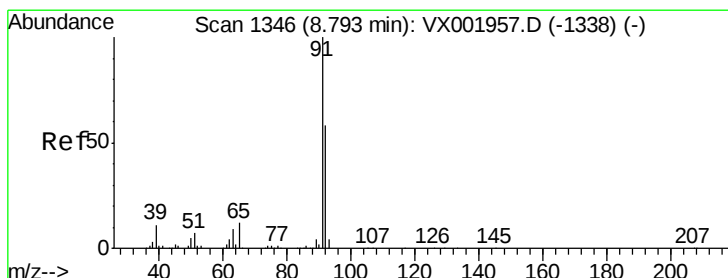
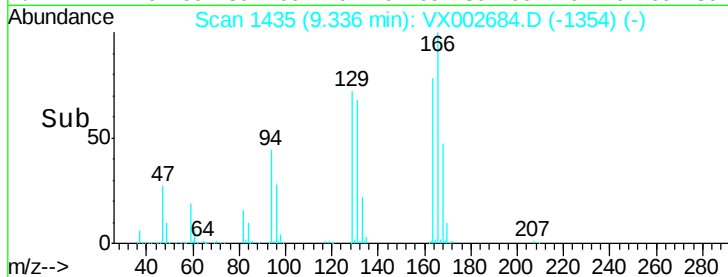
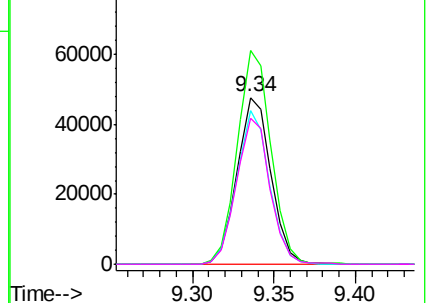


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.77 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX002684.D

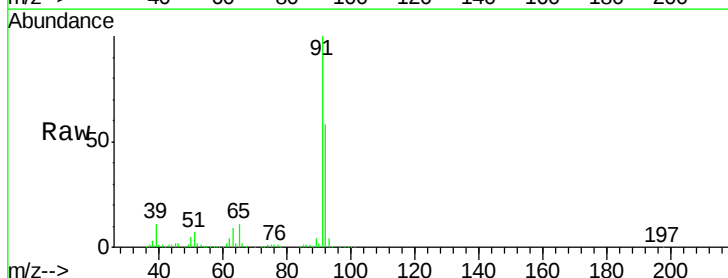
Acq: 18 Jun 2018 17:28

Tgt Ion: 91 Resp: 241926

Ion Ratio Lower Upper

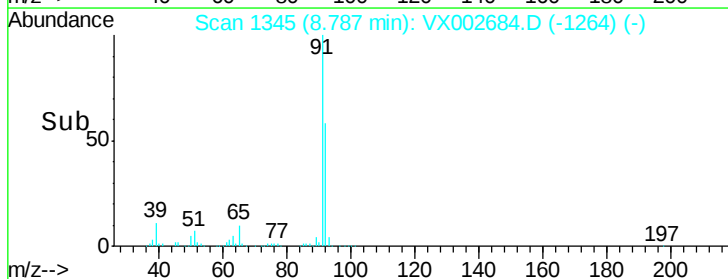
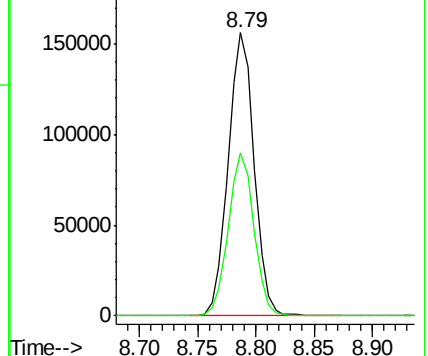
91 100

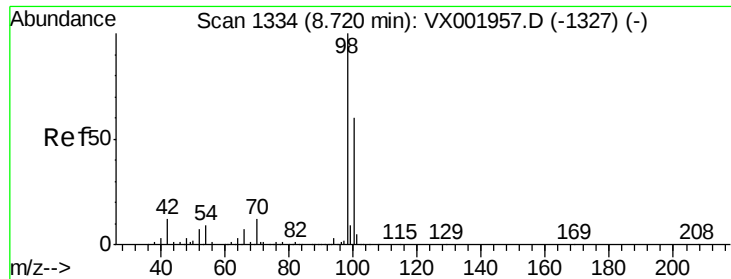
92 56.8 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

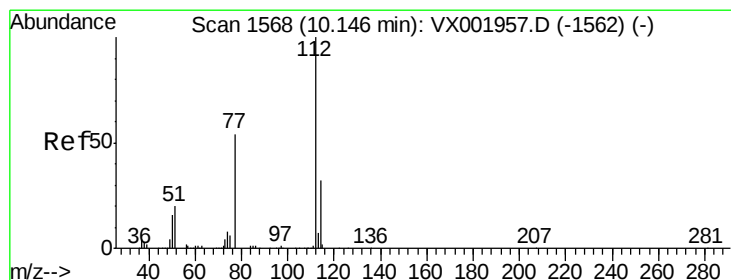
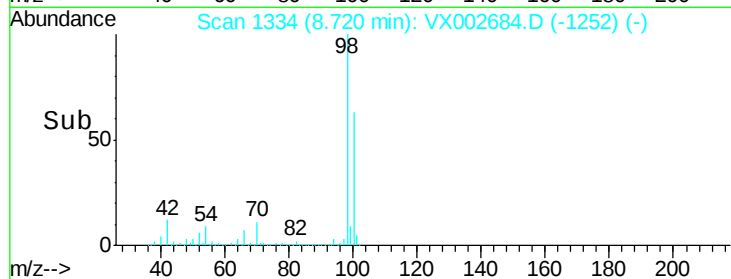
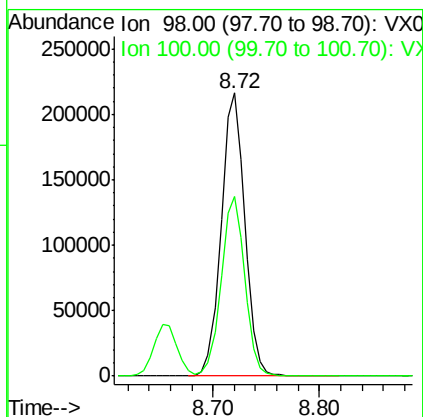
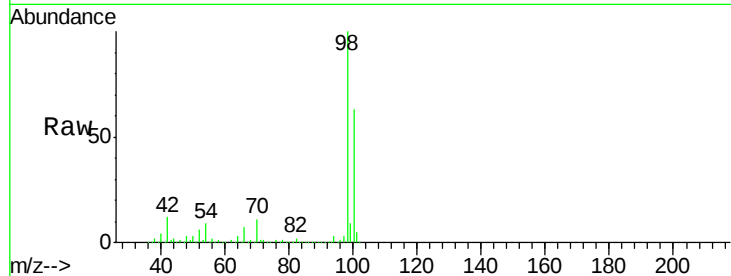




#63
Toluene-d8
Concen: 30.24 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

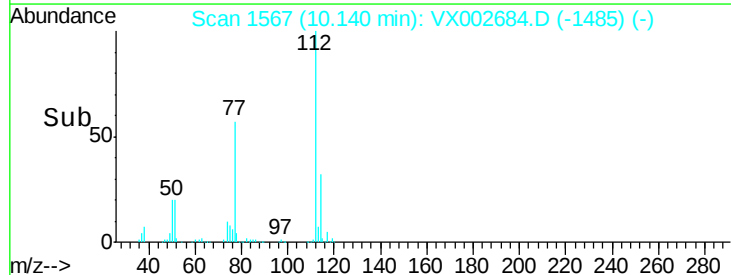
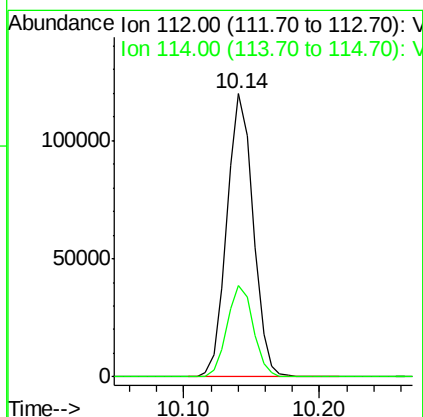
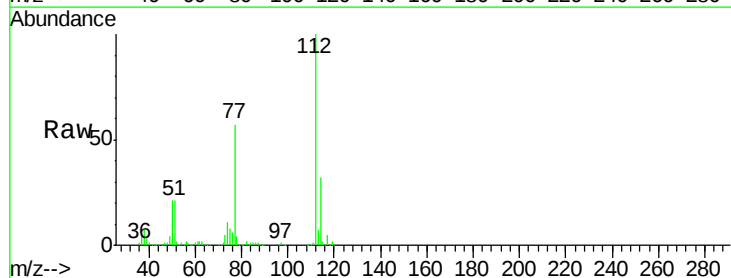
Instrument :
MSVOA_X
ClientSampleId :

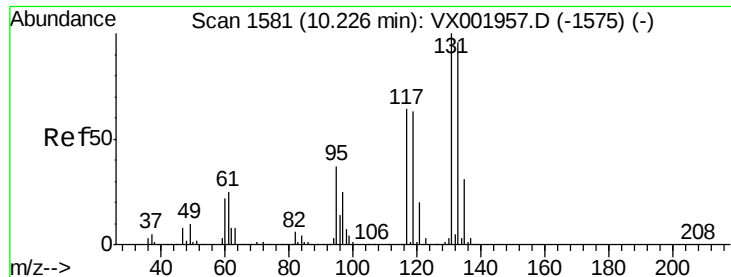
Tot Ion: 98 Resp: 335484
Ion Ratio Lower Upper
98 100
100 62.8 50.8 76.2



#64
Chlorobenzene
Concen: 19.80 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

Tgt Ion: 112 Resp: 161017
Ion Ratio Lower Upper
112 100
114 32.1 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 19.61 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :

MSVOA_X

ClientSampled :

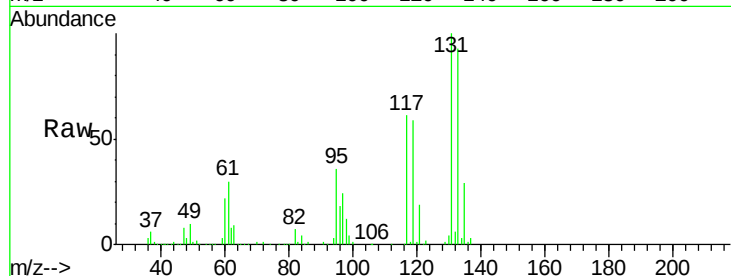
Tot Ion:131 Resp: 58462

Ion Ratio Lower Upper

131 100

133 95.5 0.0 191.2

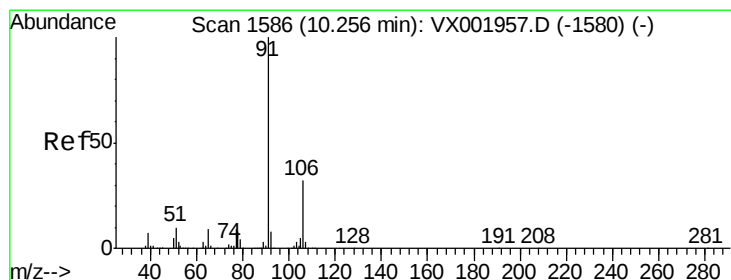
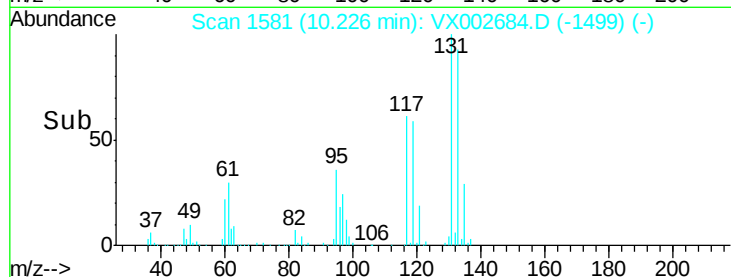
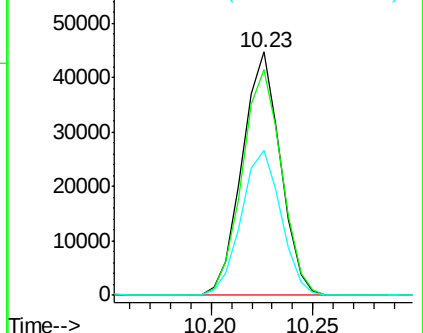
119 61.7 0.0 125.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.63 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002684.D

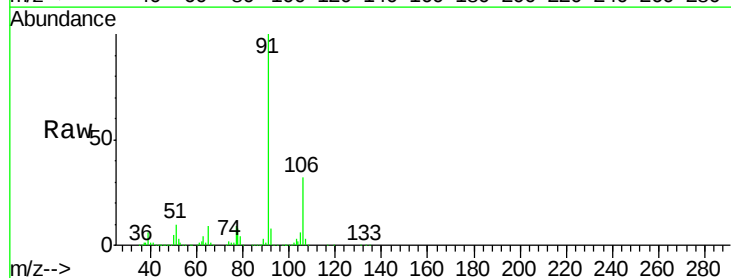
Acq: 18 Jun 2018 17:28

Tgt Ion: 91 Resp: 270621

Ion Ratio Lower Upper

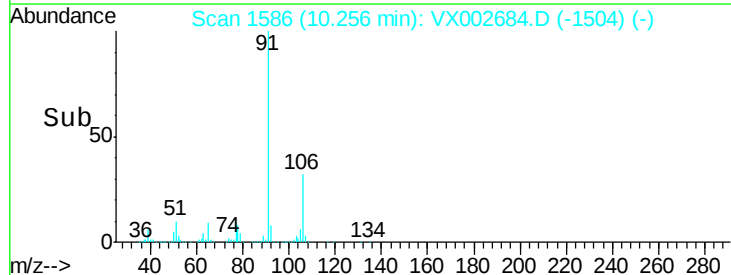
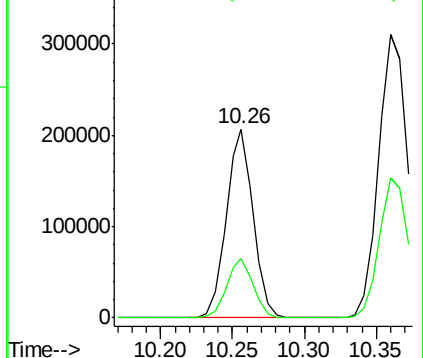
91 100

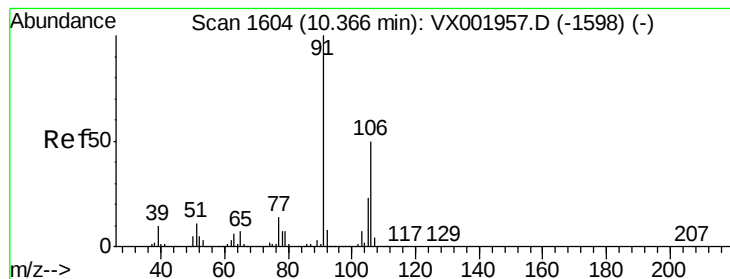
106 31.6 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xvlenes

Concen: 39.17 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :

MSVOA_X

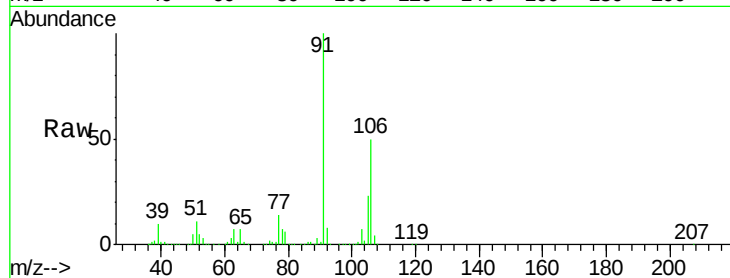
ClientSampled :

Tot Ion:106 Resp: 209845

Ion Ratio Lower Upper

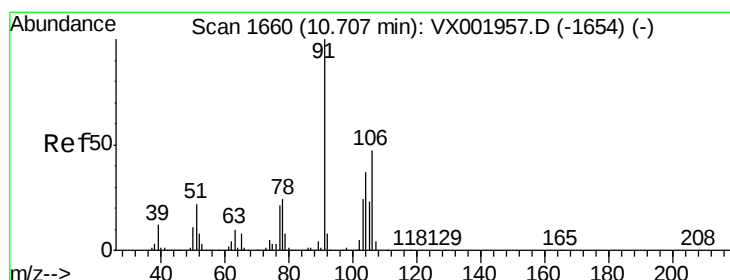
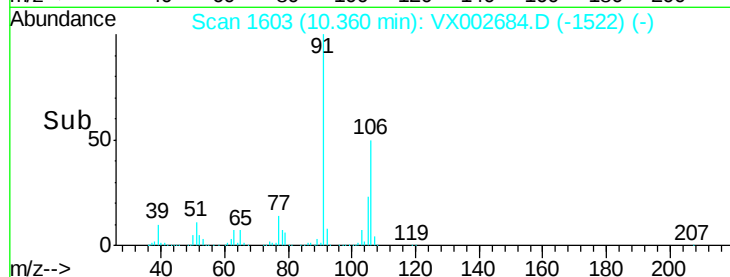
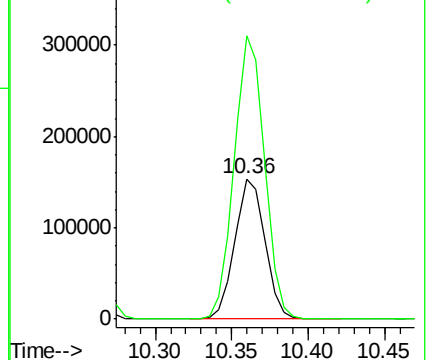
106 100

91 203.2 164.1 246.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.23 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX002684.D

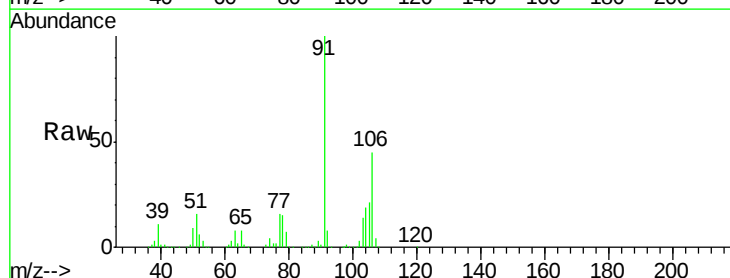
Acq: 18 Jun 2018 17:28

Tgt Ion:106 Resp: 100348

Ion Ratio Lower Upper

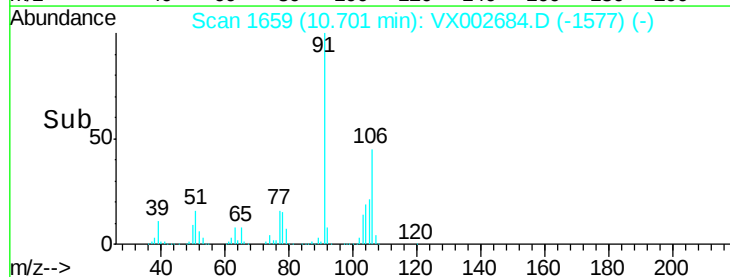
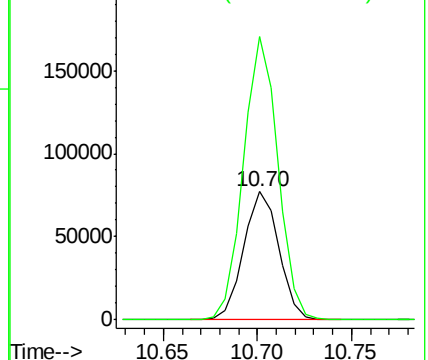
106 100

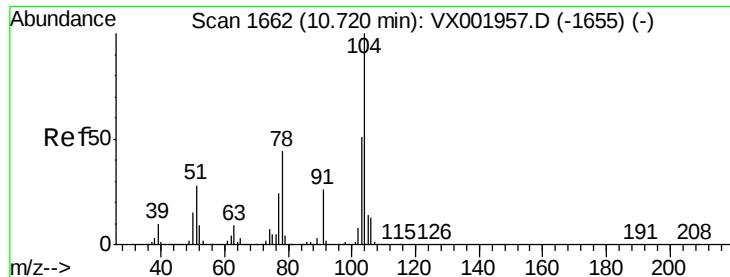
91 215.8 109.1 327.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

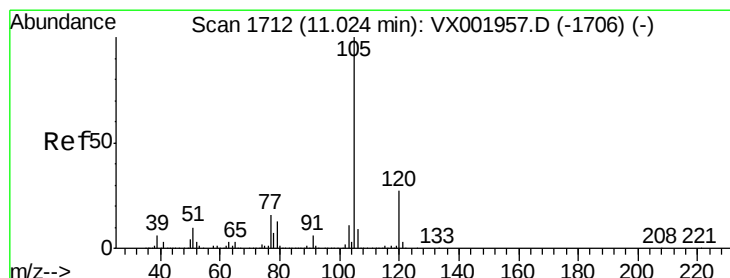
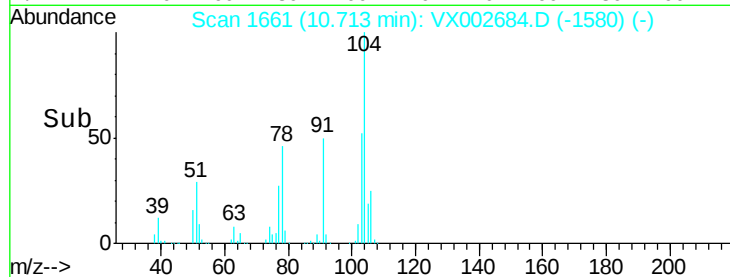
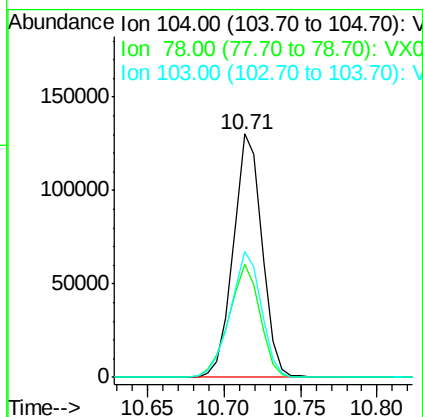
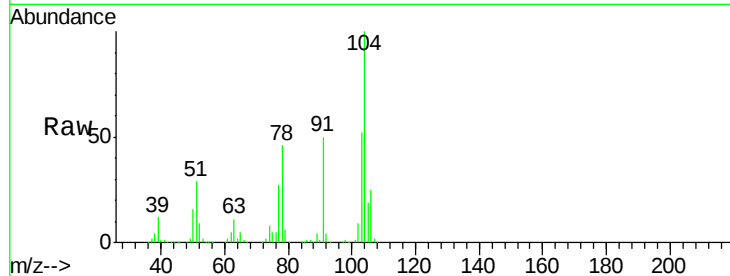




#69
Stvrene
Concen: 19.48 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

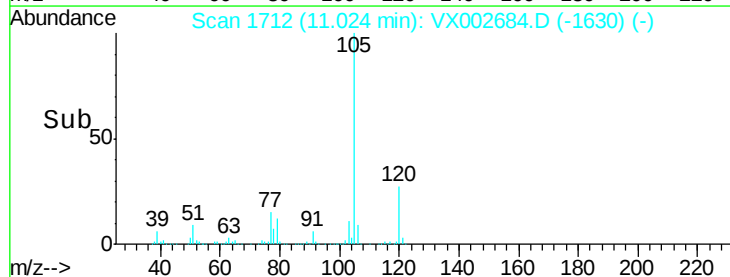
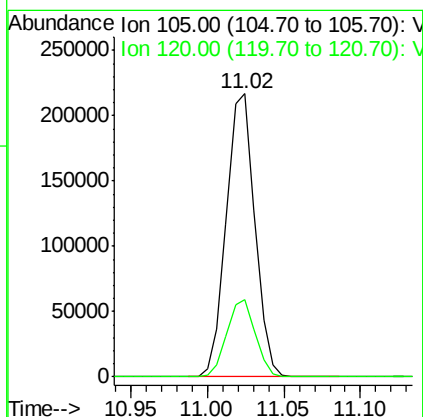
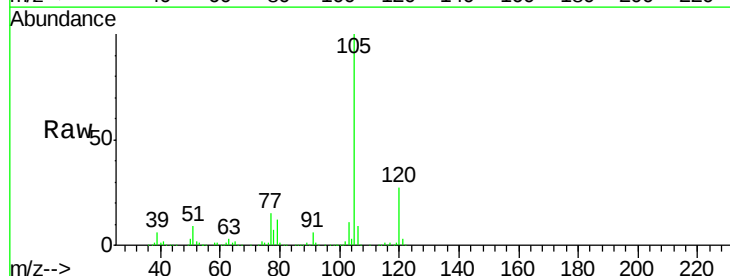
Instrument :
MSVOA_X
ClientSampleId :

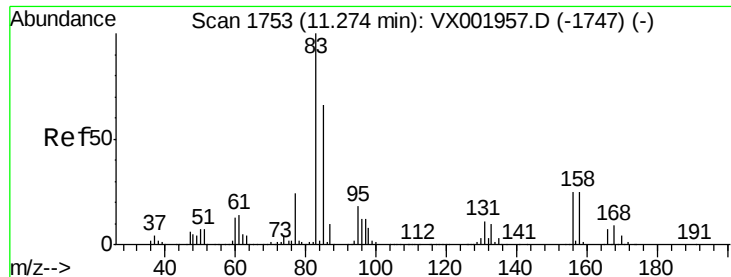
Tot Ion:104 Resp: 169625
Ion Ratio Lower Upper
104 100
78 50.2 41.8 62.8
103 55.6 44.9 67.3



#70
Isopropylbenzene
Concen: 19.52 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

Tgt Ion:105 Resp: 280894
Ion Ratio Lower Upper
105 100
120 27.1 19.0 35.2





#71

1,1,2,2-Tetrachloroethane

Concen: 19.58 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

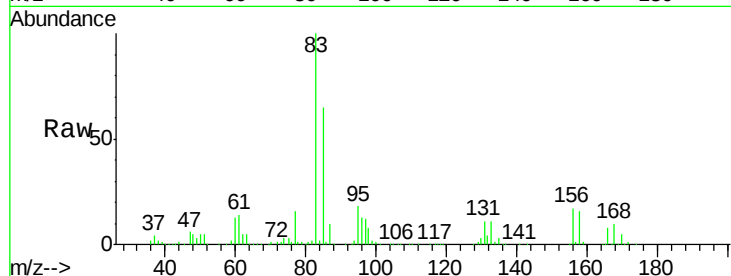
Tot Ion: 83 Resp: 84256

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

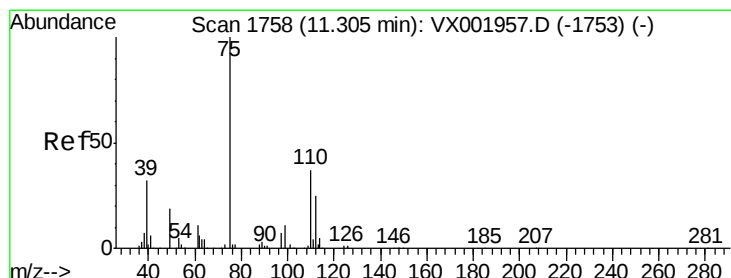
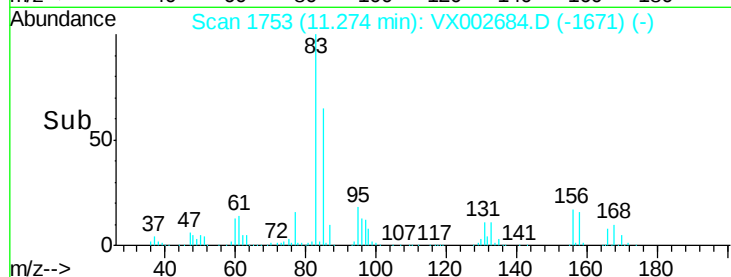
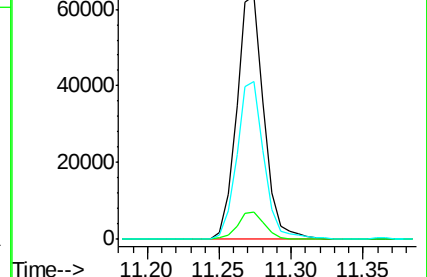
85 64.7 32.4 97.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 26.15 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002684.D

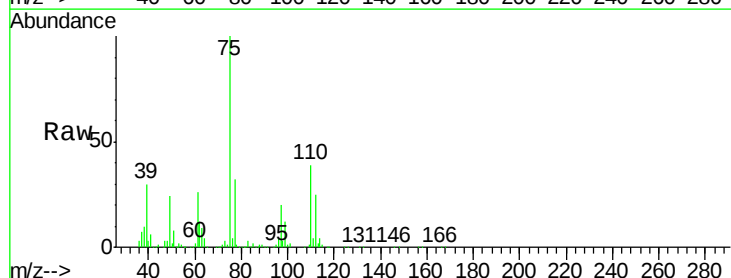
Acq: 18 Jun 2018 17:28

Tgt Ion: 75 Resp: 97529

Ion Ratio Lower Upper

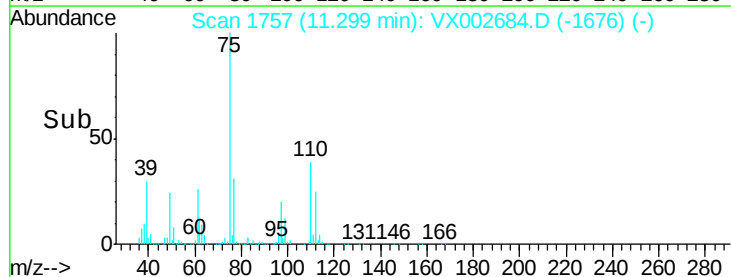
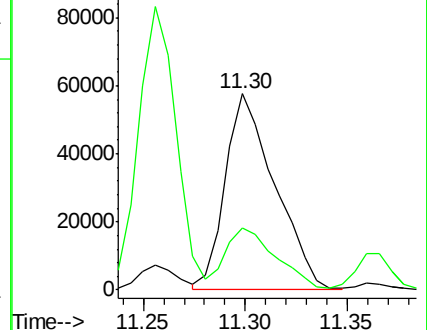
75 100

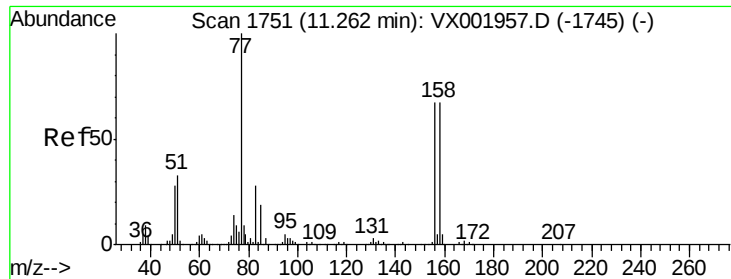
77 32.2 0.0 71.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.29 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

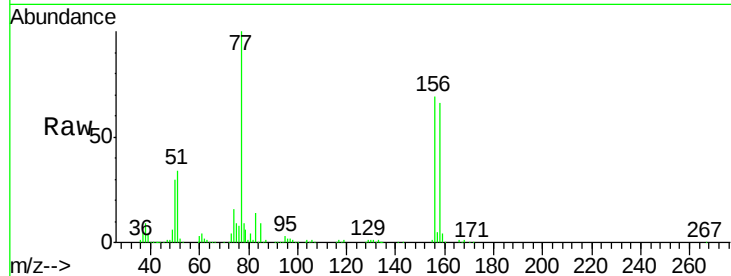
Tot Ion:156 Resp: 77209

Ion Ratio Lower Upper

156 100

77 137.8 0.0 301.0

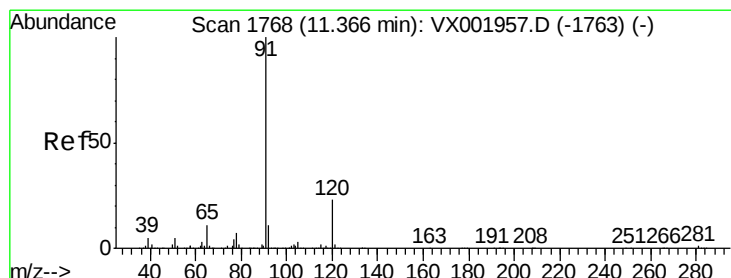
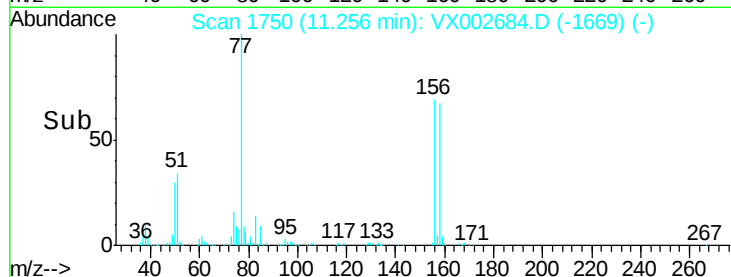
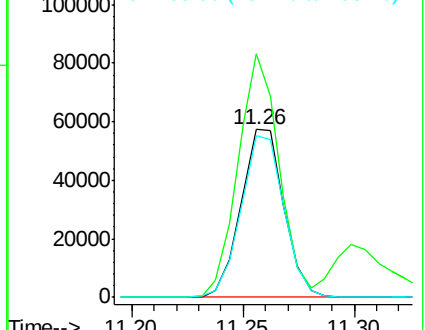
158 96.6 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.42 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002684.D

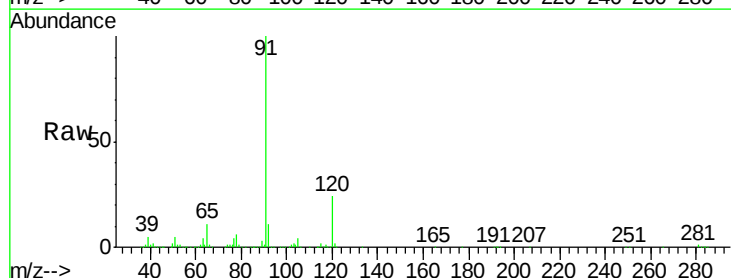
Acq: 18 Jun 2018 17:28

Tgt Ion: 91 Resp: 324495

Ion Ratio Lower Upper

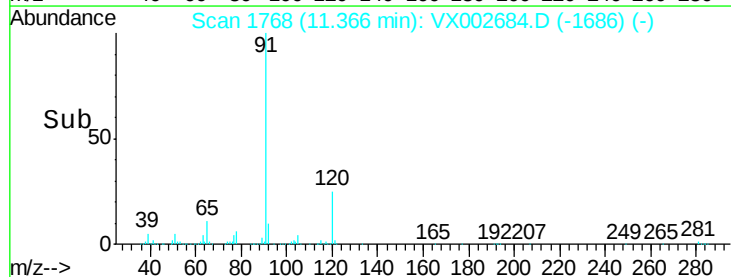
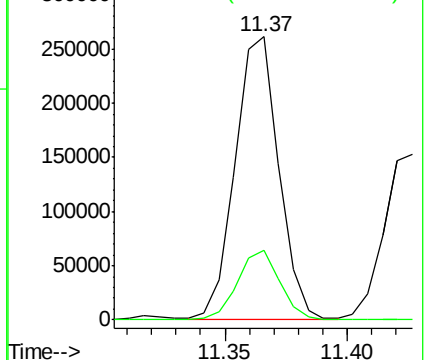
91 100

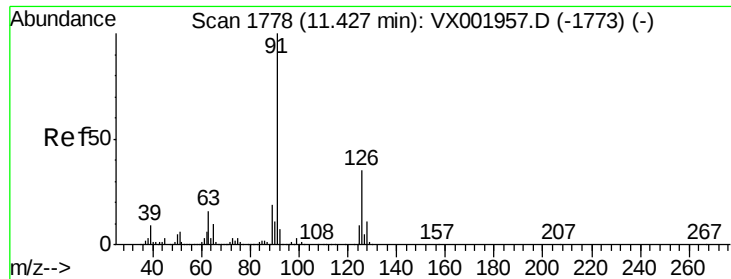
120 23.8 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.94 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :

MSVOA_X

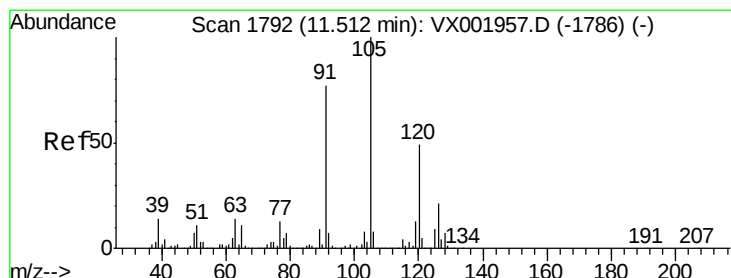
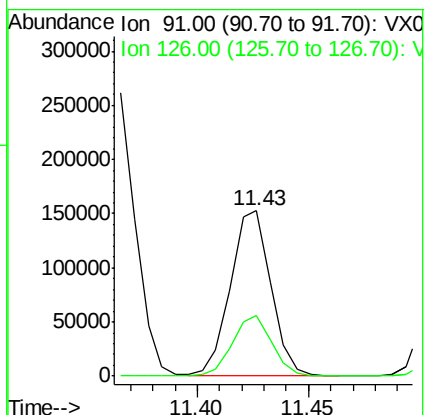
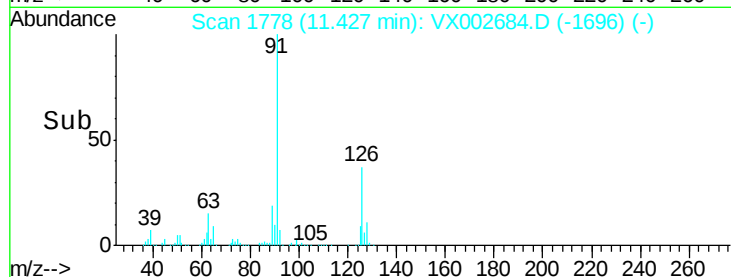
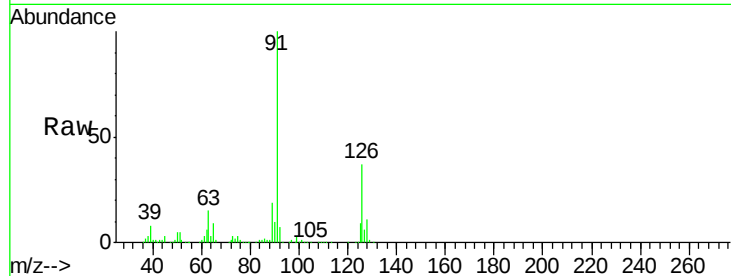
ClientSampleId :

Tot Ion: 91 Resp: 193844

Ion Ratio Lower Upper

91 100

126 35.2 0.0 69.4



#76

1,3,5-Trimethylbenzene

Concen: 19.22 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002684.D

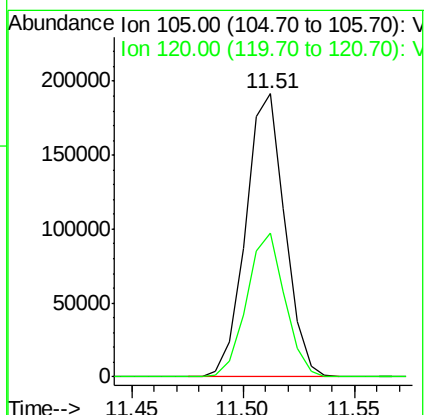
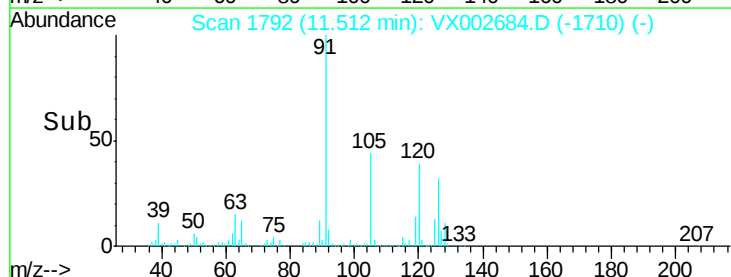
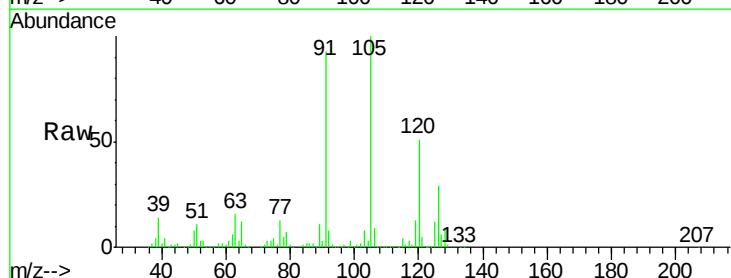
Acq: 18 Jun 2018 17:28

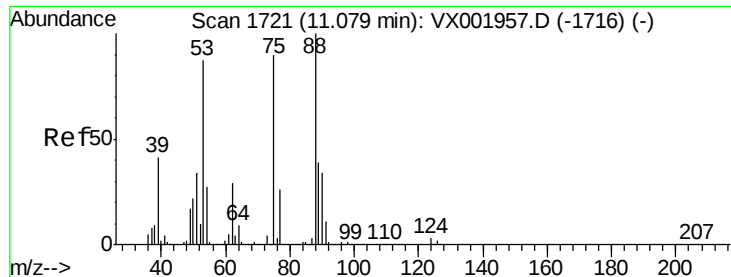
Tgt Ion: 105 Resp: 234826

Ion Ratio Lower Upper

105 100

120 49.6 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 17.77 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :

MSVOA_X

ClientSampled :

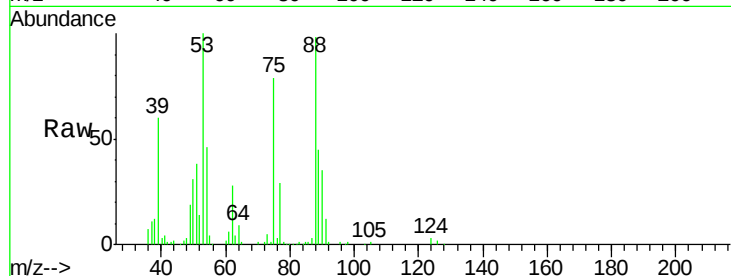
Tot Ion: 75 Resp: 21312

Ion Ratio Lower Upper

75 100

53 126.8 48.3 144.9

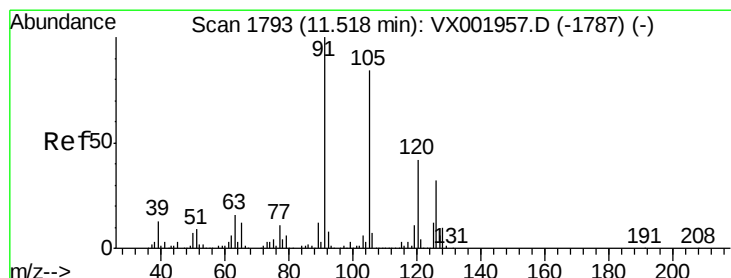
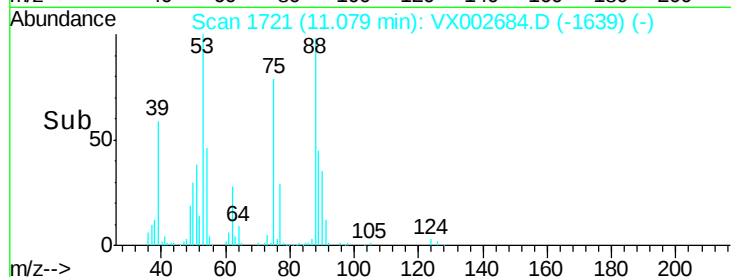
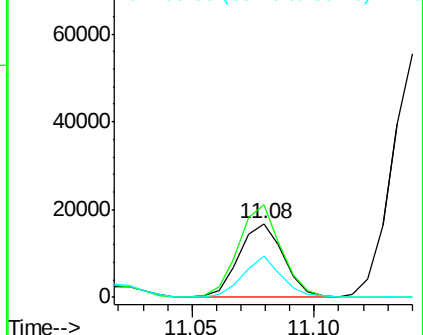
89 57.0 21.8 65.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.45 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002684.D

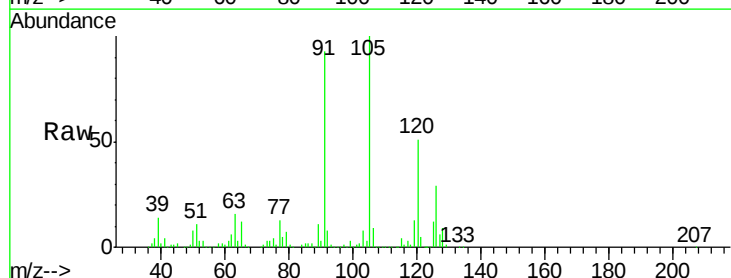
Acq: 18 Jun 2018 17:28

Tgt Ion: 91 Resp: 224016

Ion Ratio Lower Upper

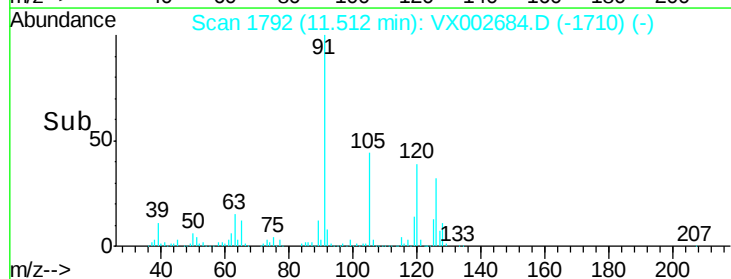
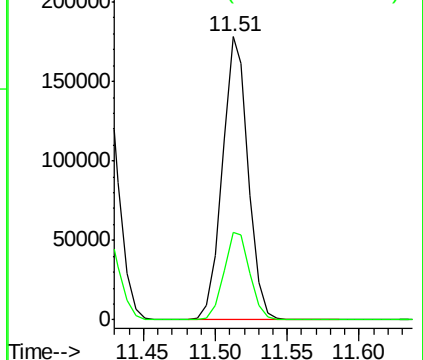
91 100

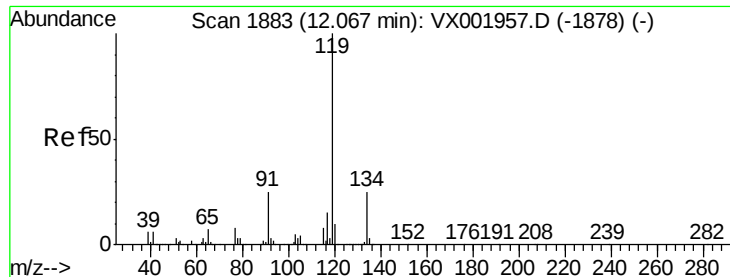
126 31.3 0.0 61.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

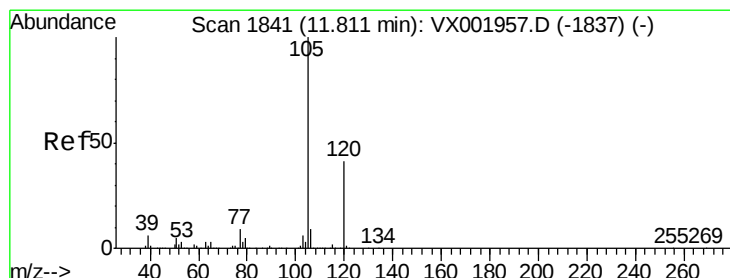
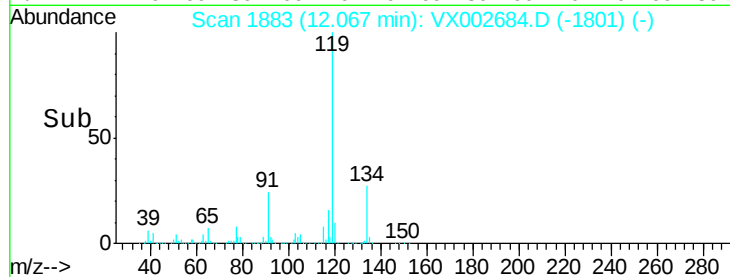
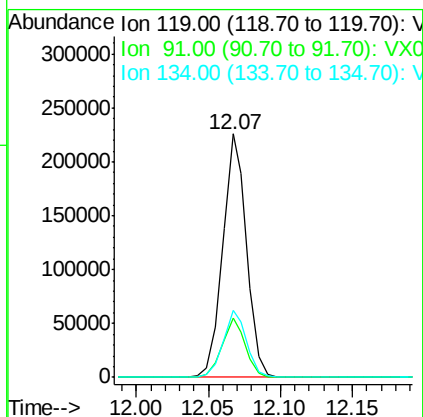
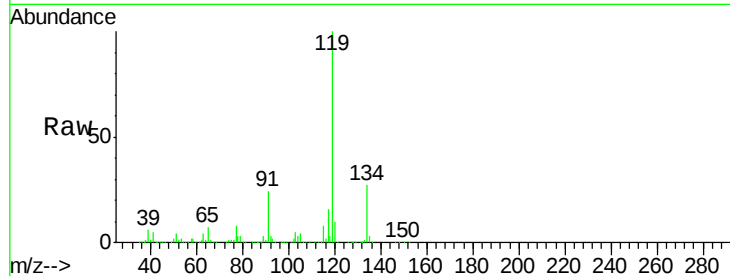




#79
tert-butylbenzene
Concen: 19.40 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

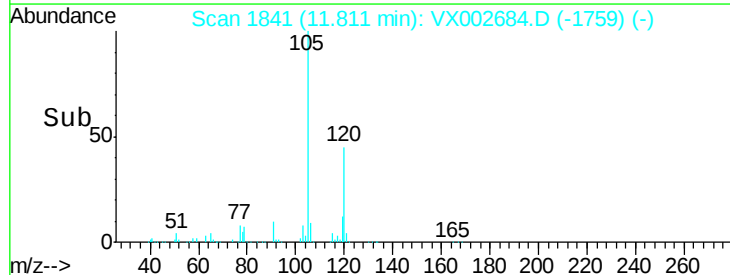
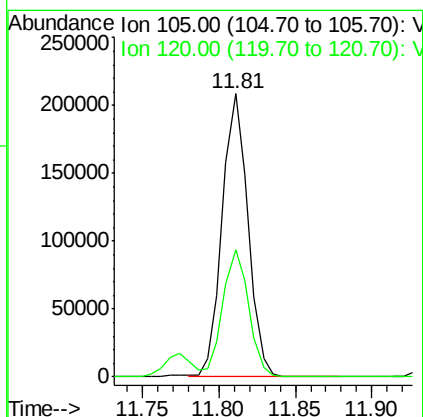
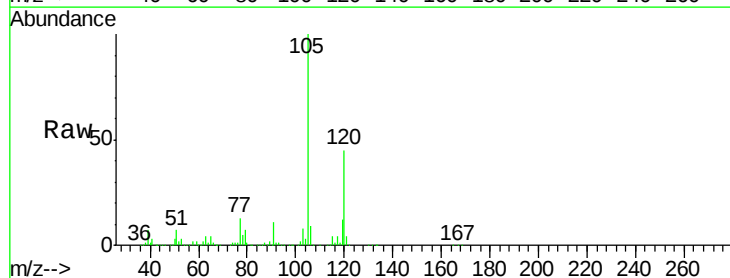
Instrument :
MSVOA_X
ClientSampleId :

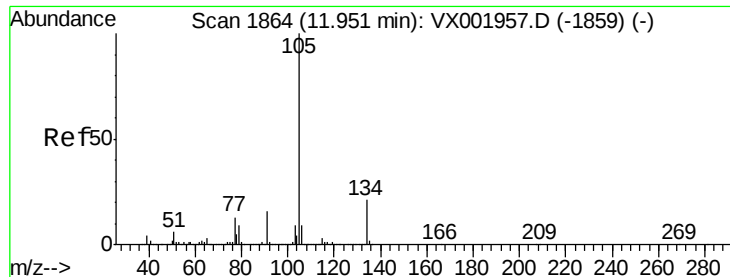
Tot Ion	Ratio	Lower	Upper
119	100		
91	23.5	0.0	48.0
134	27.1	0.0	52.6



#80
1,2,4-Trimethylbenzene
Concen: 19.52 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	0.0	89.2

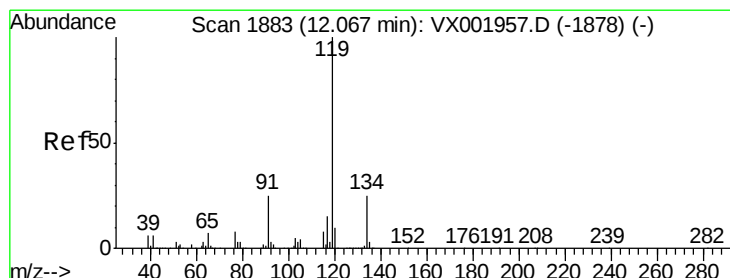
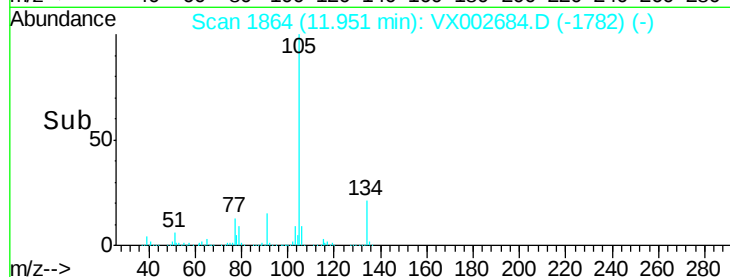
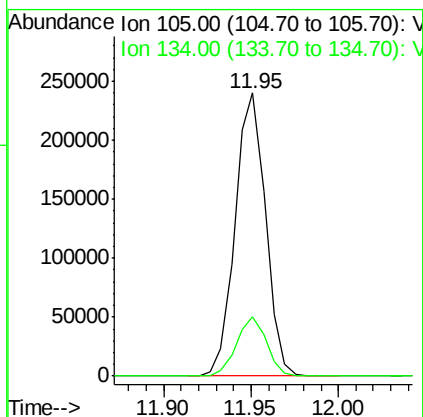
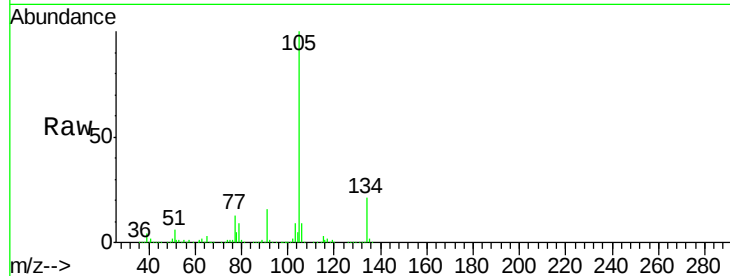




#81
 sec-Butylbenzene
 Concen: 19.46 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002684.D
 Acq: 18 Jun 2018 17:28

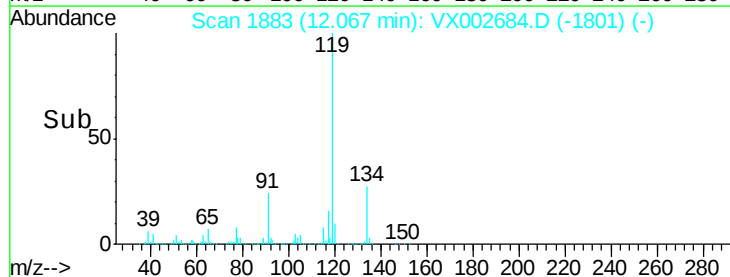
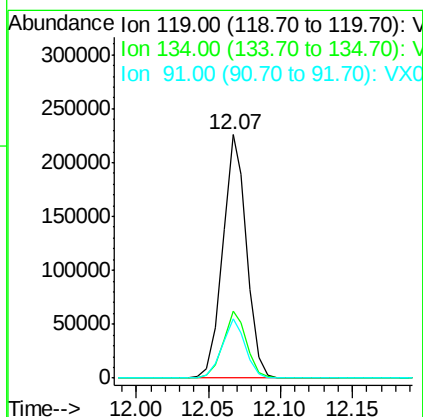
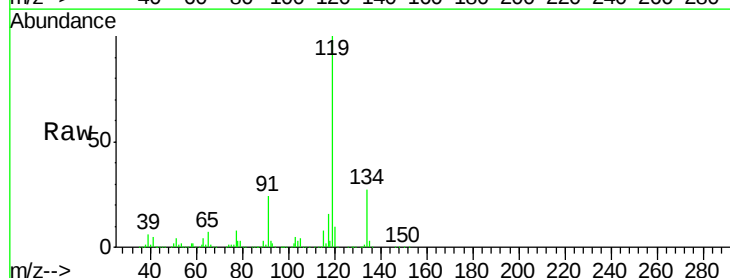
Instrument :
 MSVOA_X
 ClientSampleId :

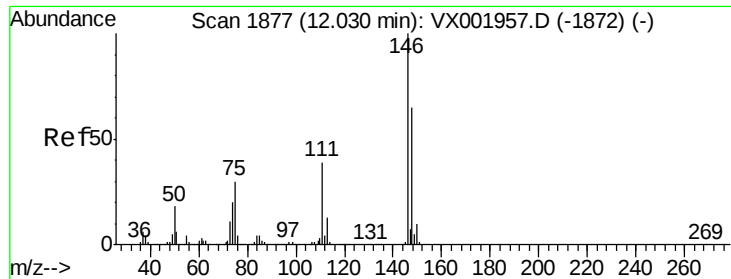
Tot Ion:105 Resp: 290839
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 19.40 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002684.D
 Acq: 18 Jun 2018 17:28

Tgt Ion:119 Resp: 261410
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 52.6
 91 23.5 0.0 48.0

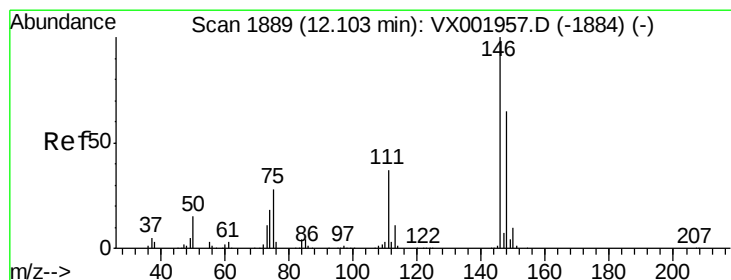
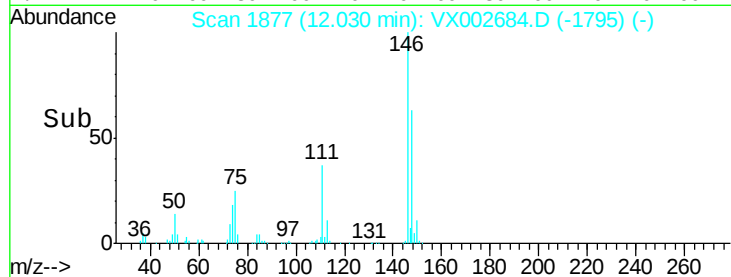
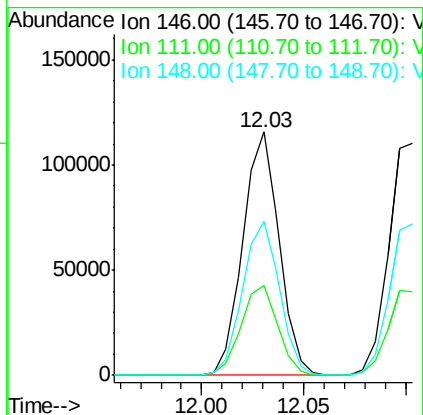
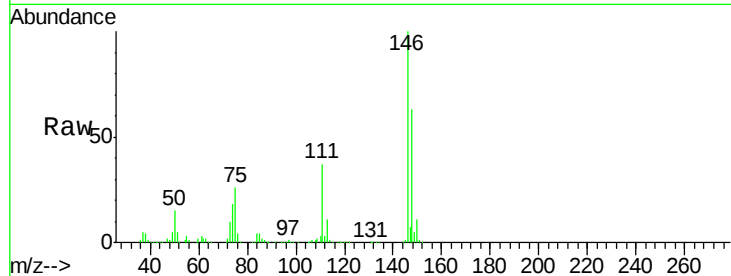




#83
 1,3-Dichlorobenzene
 Concen: 19.43 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002684.D
 Acq: 18 Jun 2018 17:28

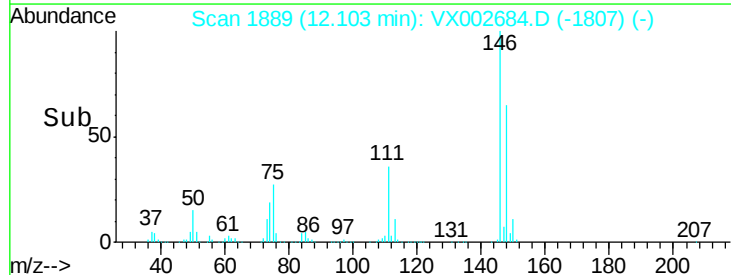
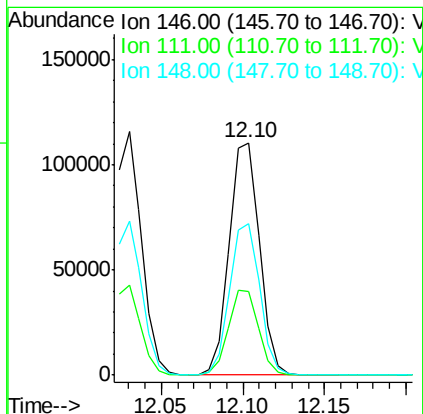
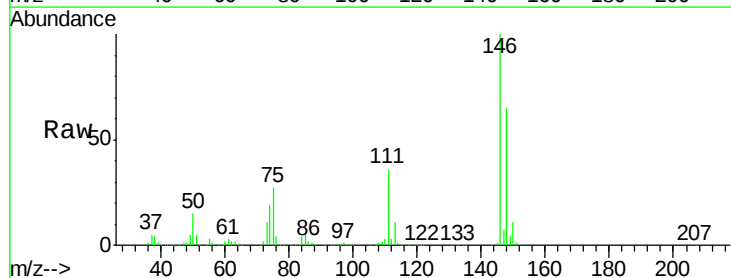
Instrument :
 MSVOA_X
 ClientSampleId :

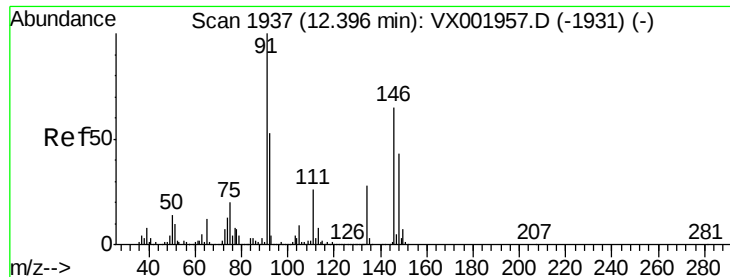
Tot Ion:146 Resp: 143137
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.1 57.5
 148 64.2 31.9 95.7



#84
 1,4-Dichlorobenzene
 Concen: 19.22 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002684.D
 Acq: 18 Jun 2018 17:28

Tgt Ion:146 Resp: 143007
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.5 55.5
 148 64.7 32.0 96.0

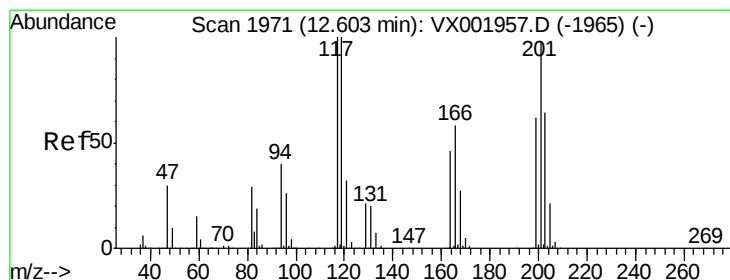
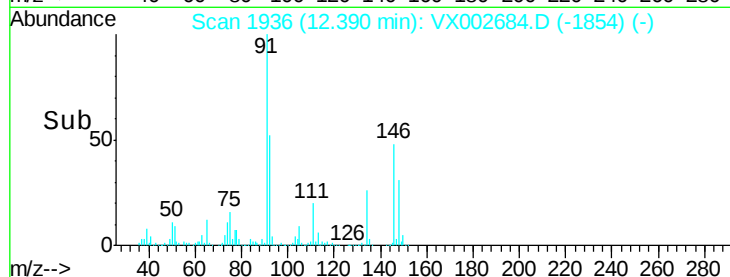
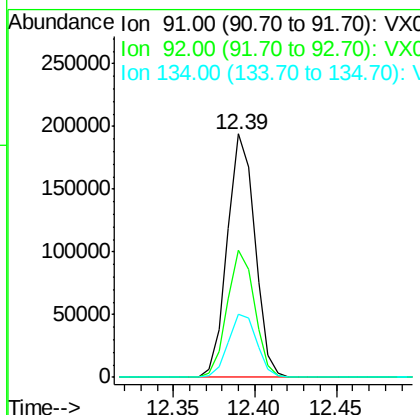
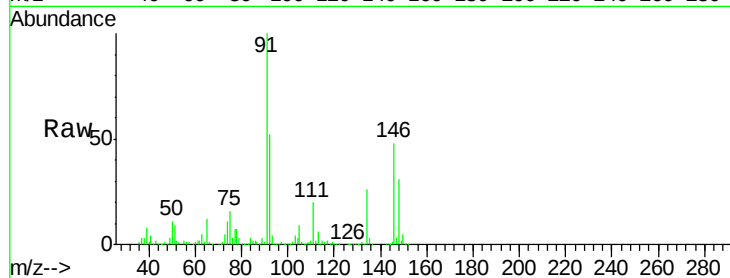




#85
n-Butylbenzene
Concen: 19.12 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

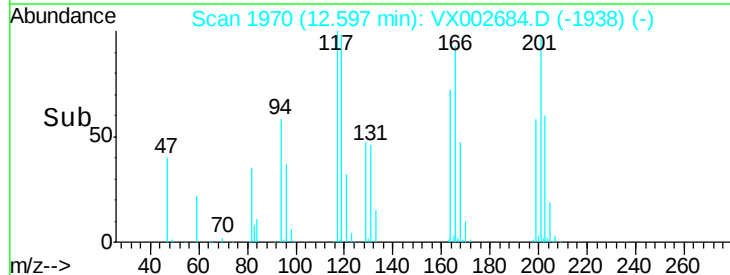
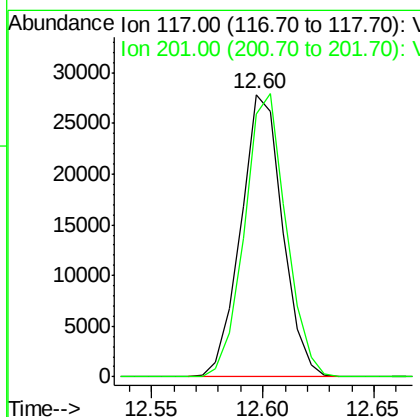
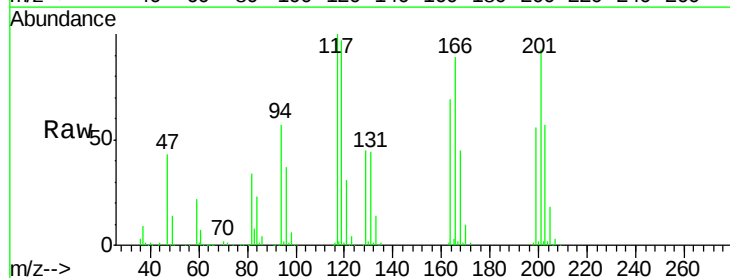
Instrument :
MSVOA_X
ClientSampled :

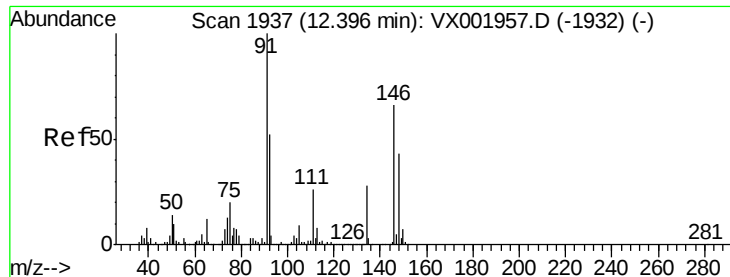
Tot Ion: 91 Resp: 228449
Ion Ratio Lower Upper
91 100
92 52.0 0.0 105.2
134 26.7 0.0 53.2



#86
Hexachloroethane
Concen: 17.82 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX002684.D
Acq: 18 Jun 2018 17:28

Tgt Ion: 117 Resp: 36400
Ion Ratio Lower Upper
117 100
201 99.6 47.6 142.8





#87

1,2-Dichlorobenzene

Concen: 19.21 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

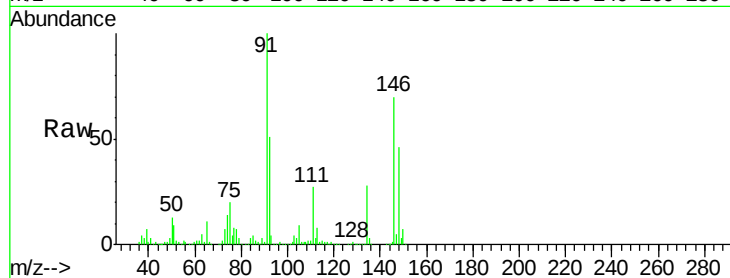
Tot Ion:146 Resp: 142906

Ion Ratio Lower Upper

146 100

111 39.1 20.0 59.9

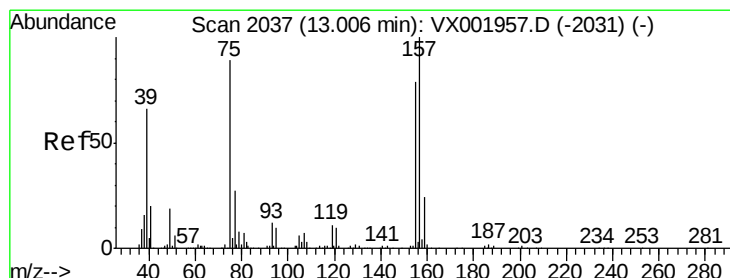
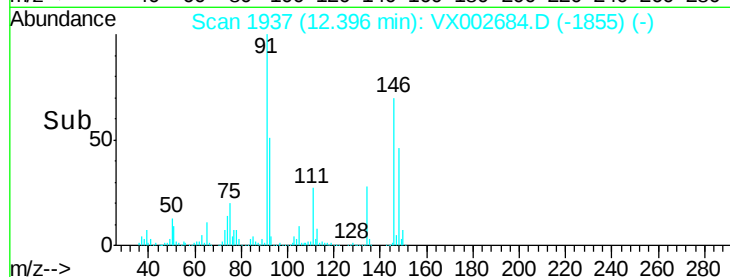
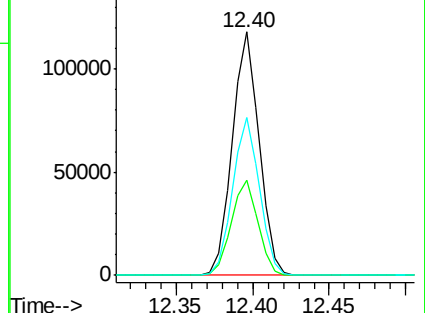
148 64.7 32.8 98.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.87 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

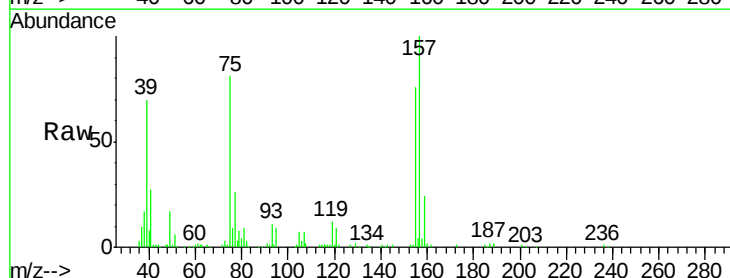
Tgt Ion: 75 Resp: 18140

Ion Ratio Lower Upper

75 100

155 93.0 73.1 109.7

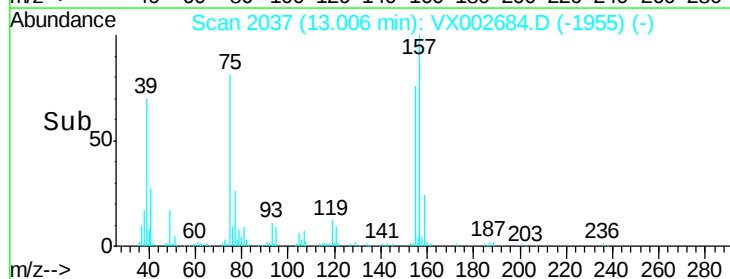
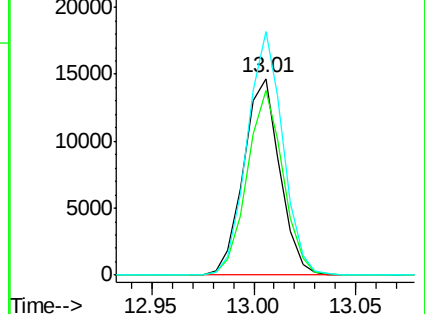
157 121.7 93.1 139.7

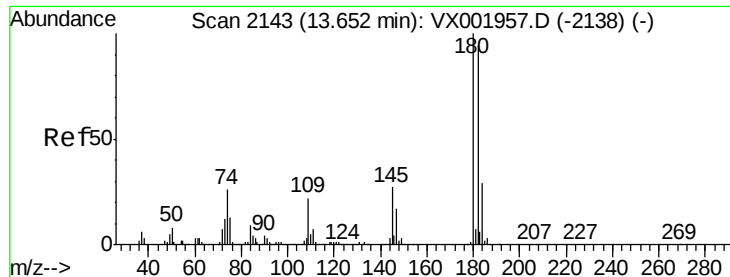


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

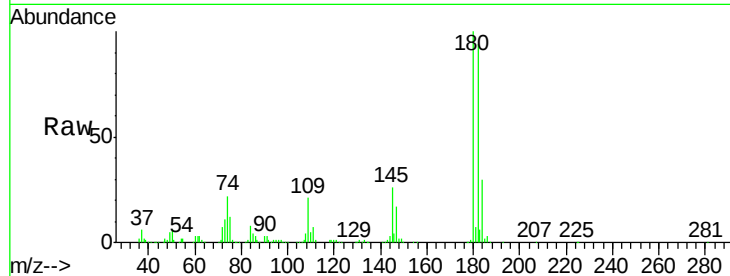




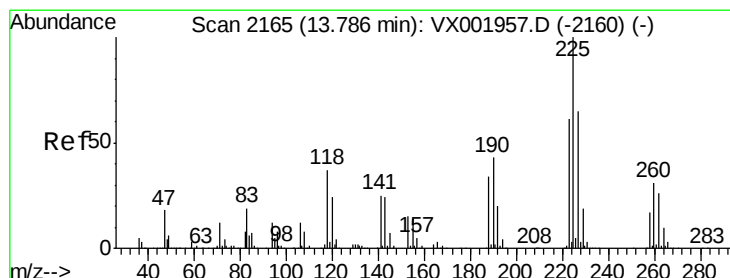
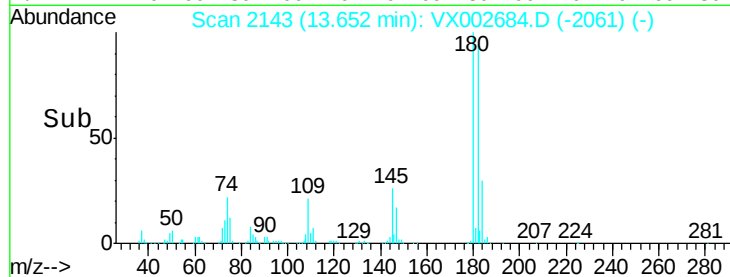
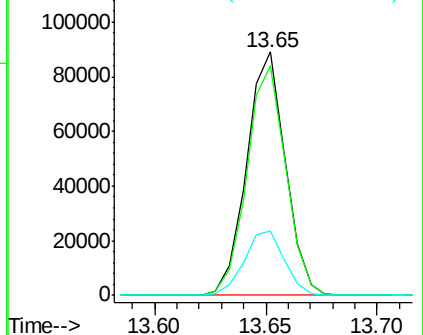
#89
 1,2,4-Trichlorobenzene
 Concen: 19.27 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002684.D
 Acq: 18 Jun 2018 17:28

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 108201
 Ion Ratio Lower Upper
 180 100
 182 94.8 76.4 114.6
 145 27.5 22.9 34.3

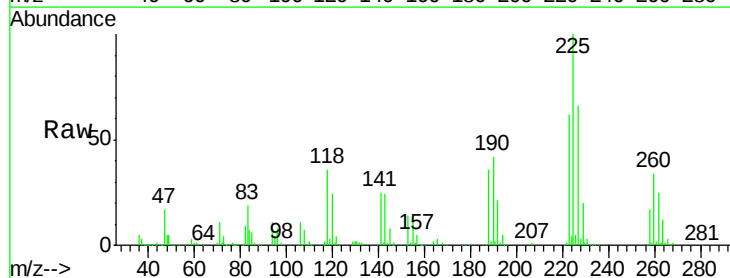


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

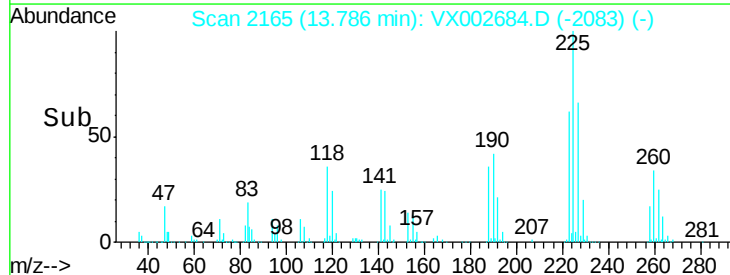
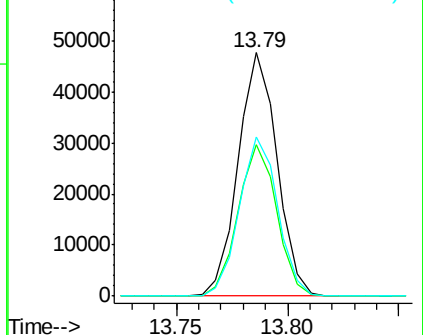


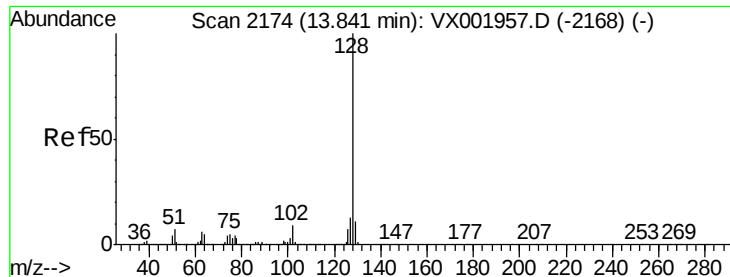
#90
 Hexachlorobutadiene
 Concen: 19.91 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002684.D
 Acq: 18 Jun 2018 17:28

Tgt Ion:225 Resp: 58197
 Ion Ratio Lower Upper
 225 100
 223 61.7 0.0 122.4
 227 64.6 0.0 128.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 19.50 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

Instrument :

MSVOA_X

ClientSampleId :

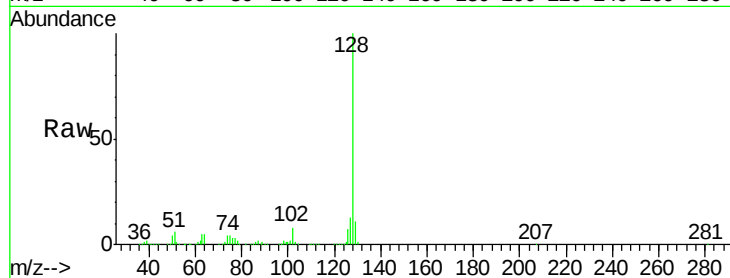
Tot Ion:128 Resp: 290166

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

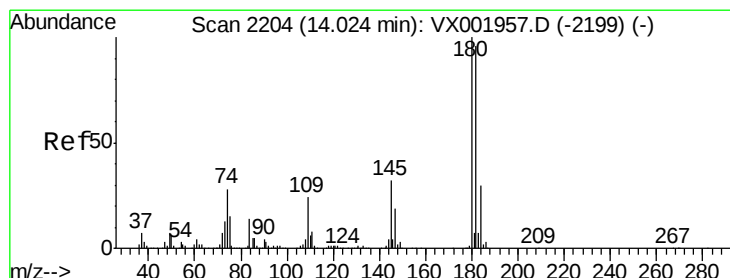
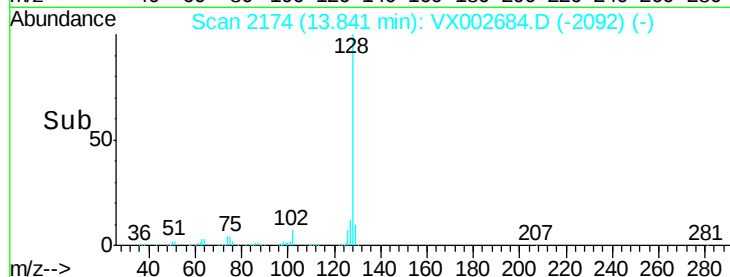
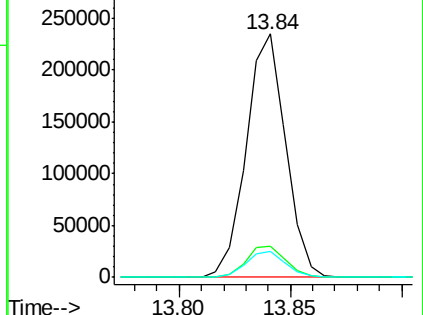
129 10.7 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.45 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002684.D

Acq: 18 Jun 2018 17:28

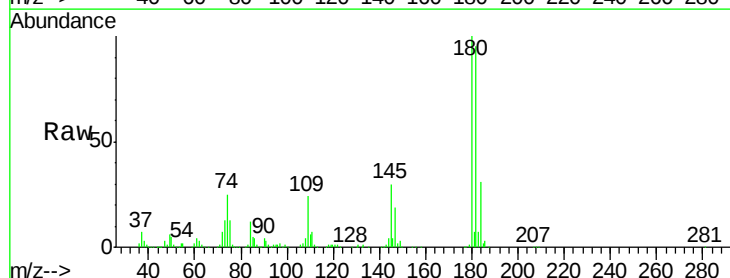
Tgt Ion:180 Resp: 108658

Ion Ratio Lower Upper

180 100

182 95.3 0.0 191.0

145 29.4 0.0 60.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

