

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003262.D
 Acq On : 09 Jul 2018 23:37
 Operator : JC/MD
 Sample : VX0709WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Quant Time: Jul 10 01:06:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	254321	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	319668	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	209488	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	197213	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	5.51	113	165898	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	8.72	98	616809	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.14	95	225270	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81236	21.01	ug/l	99
3) Chloromethane	1.32	50	67456	19.19	ug/l	96
4) Vinyl Chloride	1.40	62	71977	19.95	ug/l	98
5) Bromomethane	1.64	94	28201	26.72	ug/l	96
6) Chloroethane	1.72	64	42021	21.02	ug/l	100
7) Trichlorofluoromethane	1.93	101	109749	20.46	ug/l	99
8) Diethyl Ether	2.19	74	39533	20.39	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	63974	20.37	ug/l	96
10) Methyl Iodide	2.51	142	62069	21.53	ug/l	97
11) Tert butyl alcohol	3.08	59	81628	112.49	ug/l	99
12) 1,1-Dichloroethene	2.37	96	56703	19.84	ug/l	90
13) Acrolein	2.29	56	52999	90.64	ug/l	98
14) Allyl chloride	2.73	41	105027	19.84	ug/l	95
15) Acrylonitrile	3.15	53	170679	105.34	ug/l	98
16) Acetone	2.45	43	155732	109.60	ug/l	95
17) Carbon Disulfide	2.57	76	155188	19.54	ug/l	97
18) Methyl Acetate	2.78	43	90790	22.65	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	190497	19.96	ug/l	99
20) Methylene Chloride	2.86	84	63760	21.49	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	62579	20.54	ug/l	91
22) Diisopropyl ether	3.88	45	213293	19.80	ug/l	97
23) Vinyl Acetate	3.83	43	874110	95.60	ug/l	98
24) 1,1-Dichloroethane	3.70	63	113814	20.30	ug/l	99
25) 2-Butanone	4.71	43	263502	104.80	ug/l	97
26) 2,2-Dichloropropane	4.59	77	67289	13.72	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	72208	19.29	ug/l	97
28) Bromochloromethane	5.03	49	59283	20.99	ug/l	89
29) Tetrahydrofuran	5.17	42	166828	102.23	ug/l	96
30) Chloroform	5.22	83	122845	19.92	ug/l	98
31) Cyclohexane	5.57	56	103823	19.78	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	107630	19.79	ug/l	98
36) 1,1-Dichloropropene	5.81	75	87951	19.44	ug/l	96
37) Ethyl Acetate	4.87	43	99119	19.98	ug/l	97
38) Carbon Tetrachloride	5.79	117	97114	19.62	ug/l	98

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 Sample : VX0709WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Quant Time: Jul 10 01:06:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101850	19.10	ug/l	95
40) Benzene	6.15	78	269390	20.09	ug/l	99
41) Methacrylonitrile	5.07	41	56442	20.78	ug/l	96
42) 1,2-Dichloroethane	6.20	62	99076	19.77	ug/l	98
43) Isopropyl Acetate	6.47	43	156079	20.04	ug/l	97
44) Trichloroethene	7.21	130	79194	19.97	ug/l	99
45) 1,2-Dichloropropane	7.52	63	70235	20.14	ug/l	98
46) Dibromomethane	7.67	93	47084	19.81	ug/l	94
47) Bromodichloromethane	7.90	83	87182	19.88	ug/l	98
48) Methyl methacrylate	7.78	41	79737	19.96	ug/l	92
49) 1,4-Dioxane	7.76	88	35041	419.45	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	510430	105.25	ug/l	97
52) Toluene	8.79	92	172011	20.29	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	96504	18.70	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	87359	18.60	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	69485	19.76	ug/l	98
56) Ethyl methacrylate	9.18	69	94903	19.70	ug/l	93
57) 1,3-Dichloropropane	9.38	76	112405	19.84	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	247526	106.53	ug/l	97
59) 2-Hexanone	9.50	43	394359	107.05	ug/l	96
60) Dibromochloromethane	9.59	129	71964	19.60	ug/l	99
61) 1,2-Dibromoethane	9.68	107	73360	19.90	ug/l	97
64) Tetrachloroethene	9.34	164	93057	20.32	ug/l	97
65) Chlorobenzene	10.14	112	202289	19.66	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	73896	19.90	ug/l	100
67) Ethyl Benzene	10.26	91	329052	19.77	ug/l	100
68) m/p-Xylenes	10.36	106	260862	40.29	ug/l	97
69) o-Xylene	10.70	106	124836	19.90	ug/l	96
70) Styrene	10.71	104	200781	19.74	ug/l	99
71) Bromoform	10.86	173	56998	18.66	ug/l	99
73) Isopropylbenzene	11.02	105	337075	20.38	ug/l	99
74) N-amyl acetate	6.47	43	156079	19.78	ug/l	# 97
75) 1,1,2,2-Tetrachloroethane	11.27	83	103839	20.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	112043	24.75	ug/l	81
77) Bromobenzene	11.26	156	96214	20.15	ug/l	95
78) n-propylbenzene	11.37	91	375576	20.42	ug/l	98
79) 2-Chlorotoluene	11.43	91	225416	20.12	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	282273	20.50	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	24291	17.54	ug/l	97
82) 4-Chlorotoluene	11.51	91	264988	20.26	ug/l	98
83) tert-Butylbenzene	11.77	119	275981	20.06	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	290766	20.62	ug/l	98
85) sec-Butylbenzene	11.95	105	327400	20.13	ug/l	98
86) p-Isopropyltoluene	12.07	119	293951	19.84	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	172233	19.66	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	173686	19.58	ug/l	99
89) n-Butylbenzene	12.39	91	238494	19.27	ug/l	99
90) Hexachloroethane	12.60	117	41201	18.22	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	173566	19.73	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21271	19.33	ug/l	92

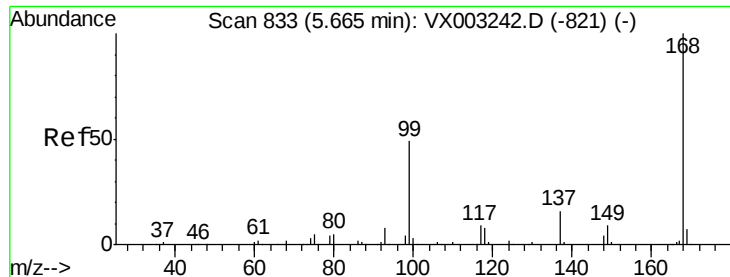
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
Data File : VX003262.D
Acq On : 09 Jul 2018 23:37
Operator : JC/MD
Sample : VX0709WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Quant Time: Jul 10 01:06:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	127231	19.87	ug/l	99
94) Hexachlorobutadiene	13.79	225	62242	19.53	ug/l	99
95) Naphthalene	13.84	128	350195	20.91	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	128402	20.11	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

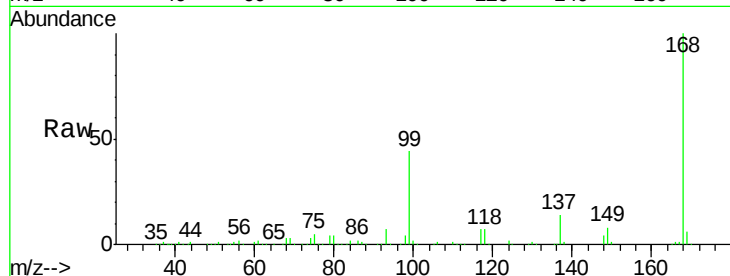
VX0709WBSD01

Tot Ion:168 Resp: 254321

Ion Ratio Lower Upper

168 100

99 43.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

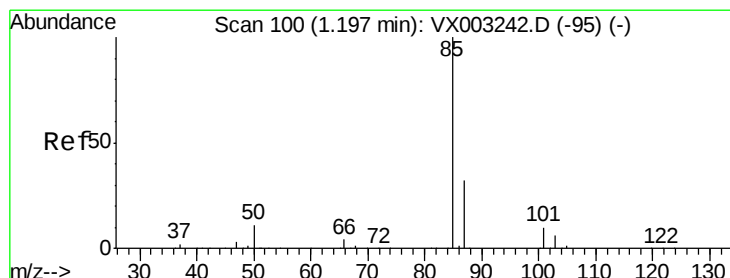
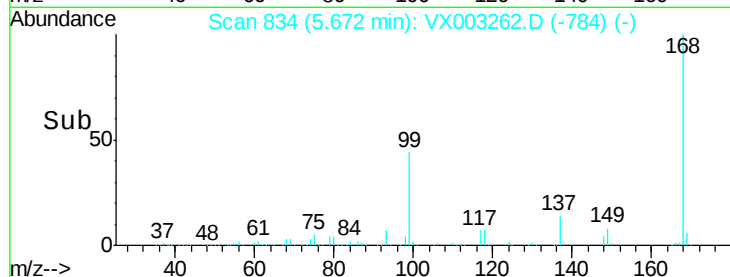
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.01 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003262.D

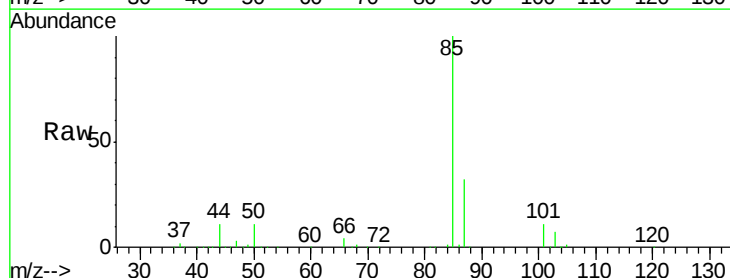
Acq: 09 Jul 2018 23:37

Tgt Ion: 85 Resp: 81236

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

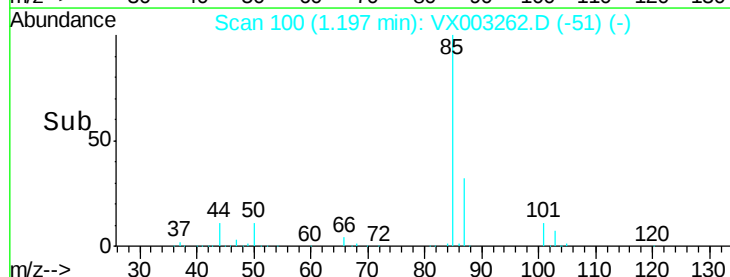
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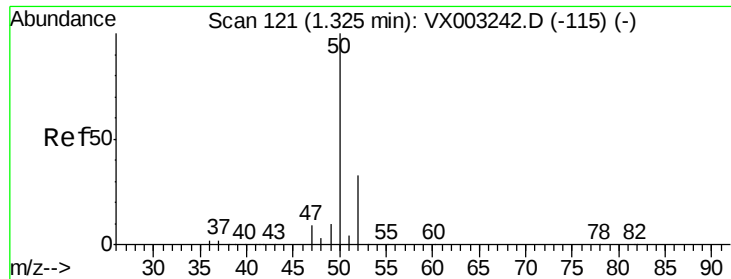
40000

20000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 19.19 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

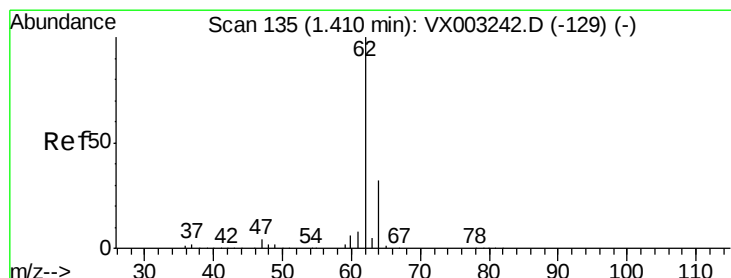
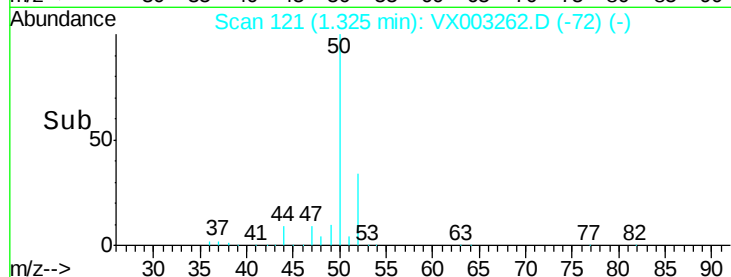
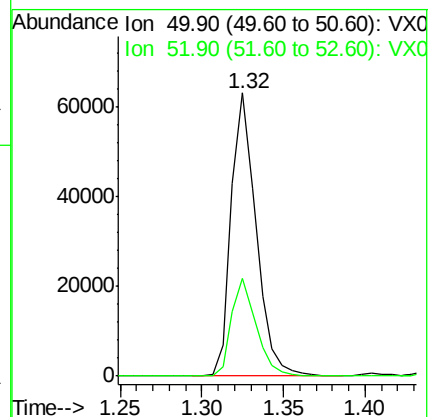
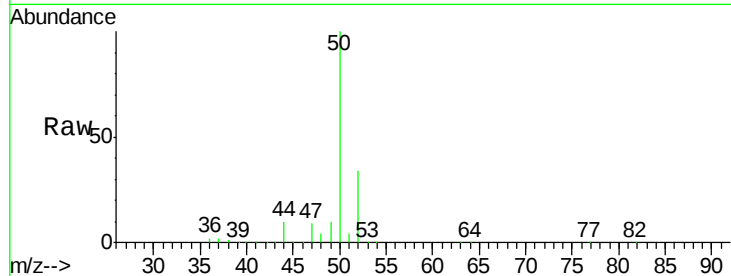
VX0709WBSD01

Tot Ion: 50 Resp: 67456

Ion Ratio Lower Upper

50 100

52 34.4 25.7 38.5



#4

Vinyl Chloride

Concen: 19.95 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003262.D

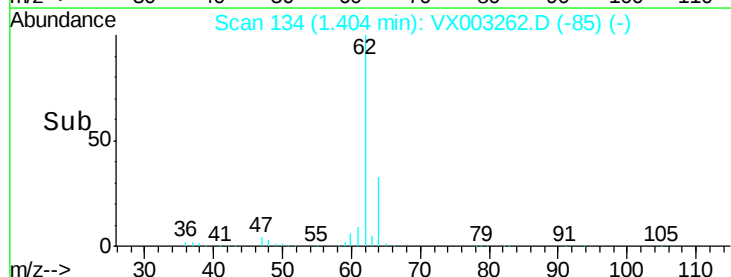
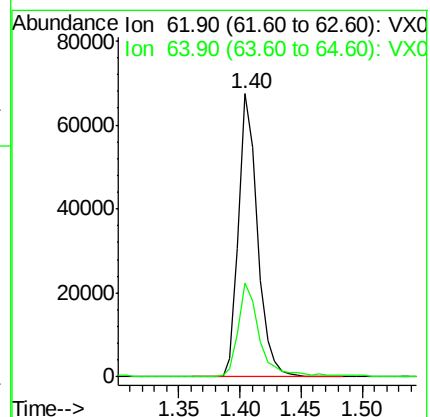
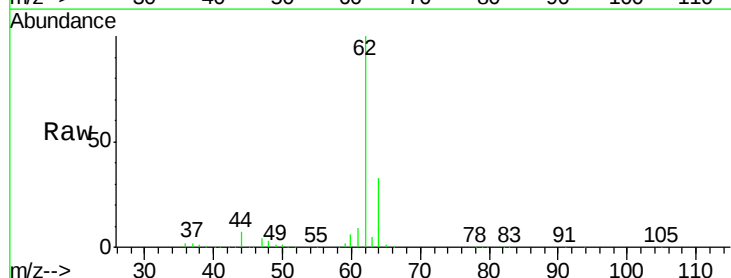
Acq: 09 Jul 2018 23:37

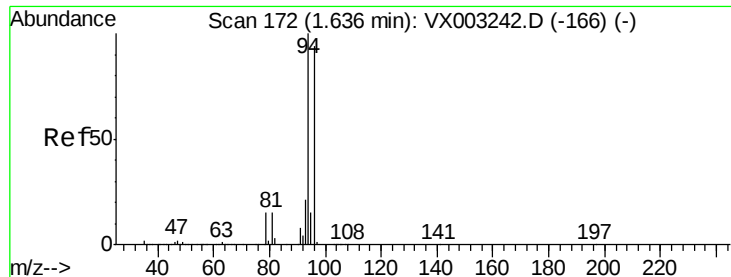
Tgt Ion: 62 Resp: 71977

Ion Ratio Lower Upper

62 100

64 32.9 25.4 38.2





#5

Bromomethane

Concen: 26.72 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

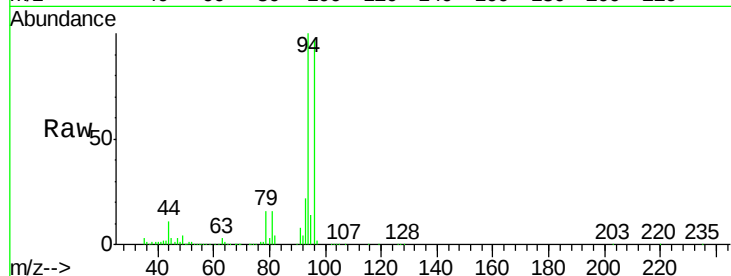
VX0709WBSD01

Tot Ion: 94 Resp: 28201

Ion Ratio Lower Upper

94 100

96 97.0 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

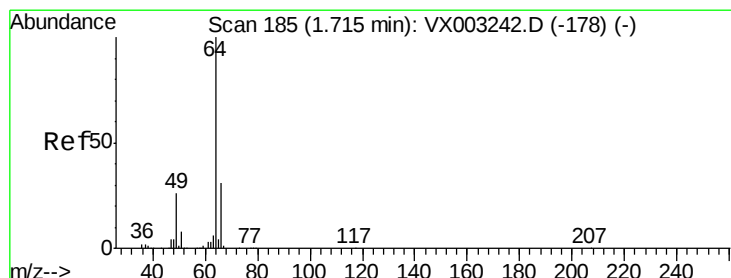
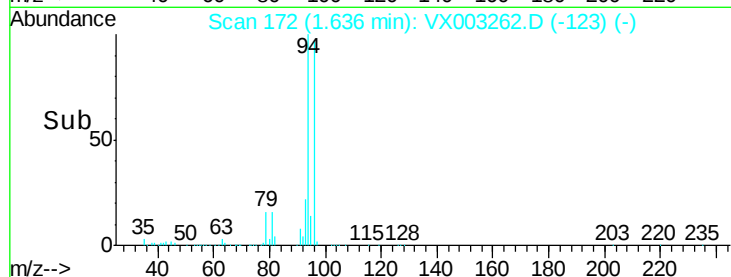
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 21.02 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003262.D

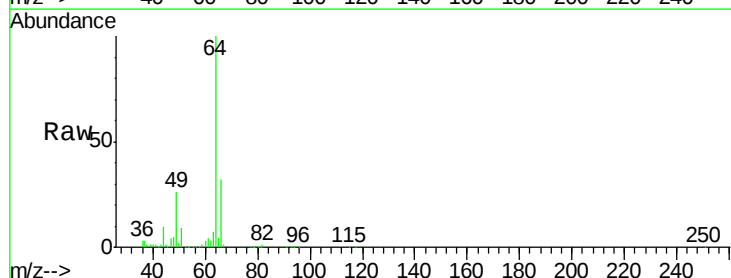
Acq: 09 Jul 2018 23:37

Tgt Ion: 64 Resp: 42021

Ion Ratio Lower Upper

64 100

66 32.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

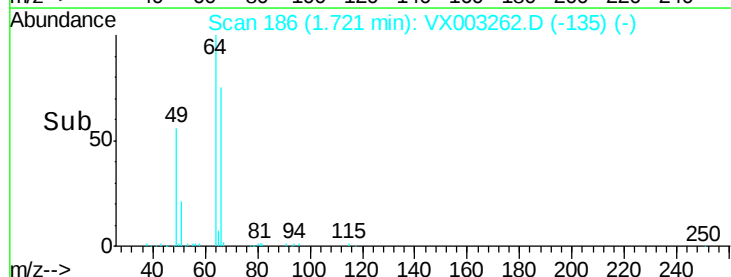
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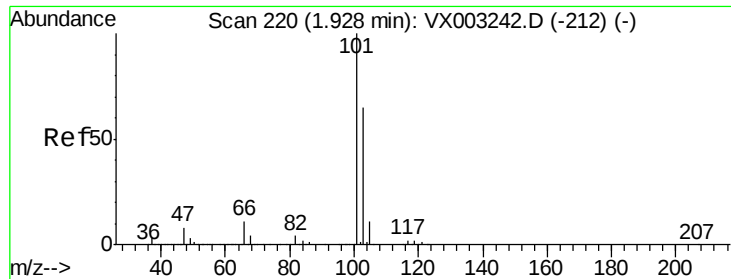
20000

10000

0

Time--> 1.65 1.70 1.75 1.80



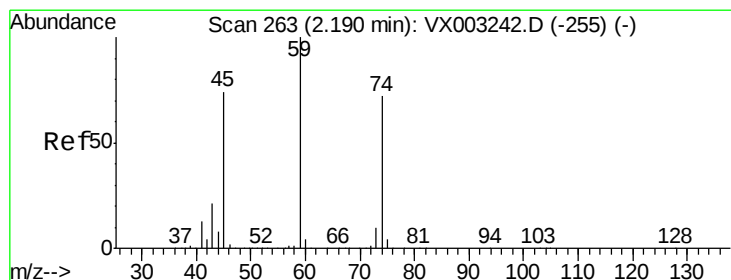
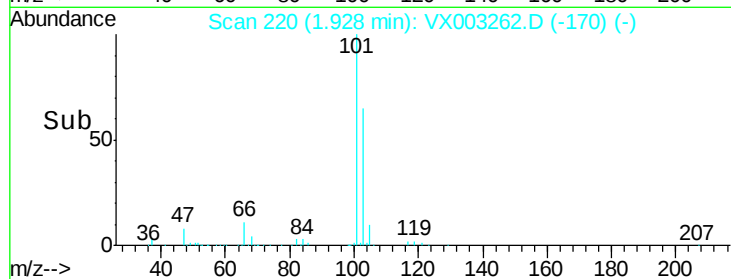
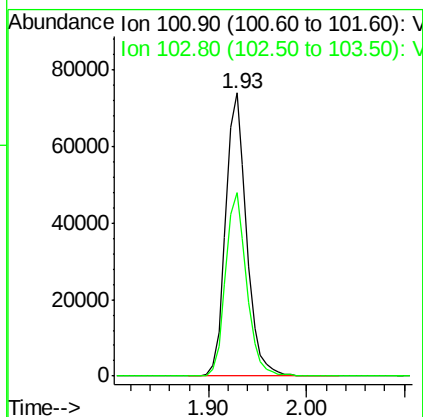
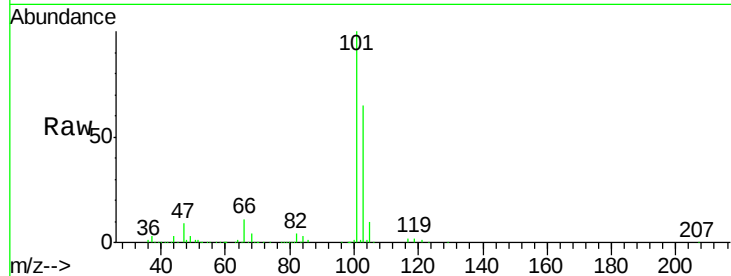


#7

Trichlorofluoromethane
 Concen: 20.46 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

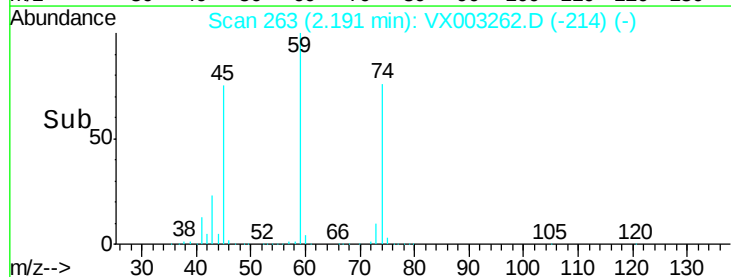
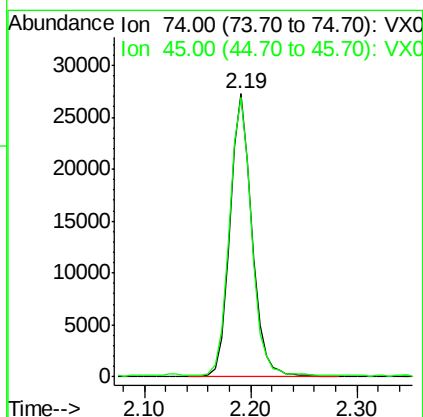
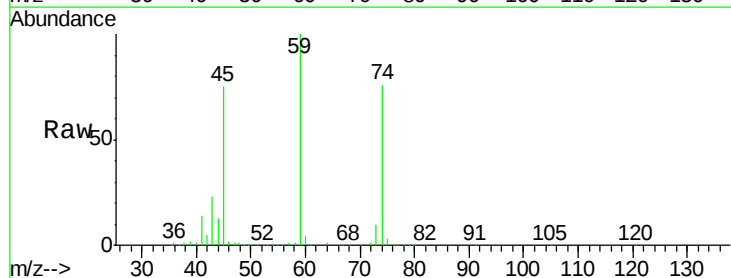
Tot Ion:101 Resp: 109749
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.8 79.2

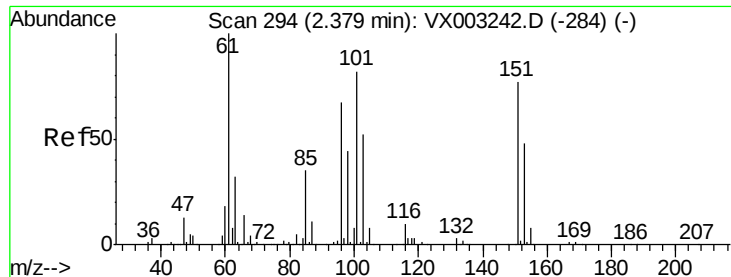


#8

Diethyl Ether
 Concen: 20.39 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

Tgt Ion: 74 Resp: 39533
 Ion Ratio Lower Upper
 74 100
 45 98.7 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.37 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

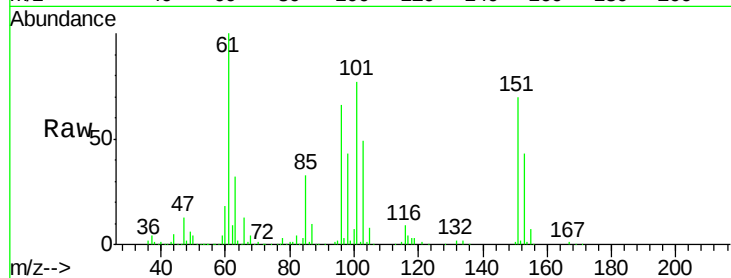
Tot Ion:101 Resp: 63974

Ion Ratio Lower Upper

101 100

85 43.1 36.0 54.0

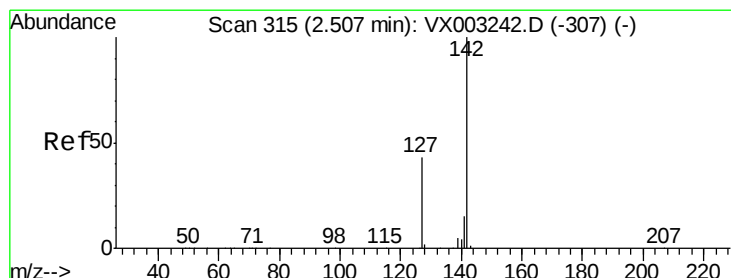
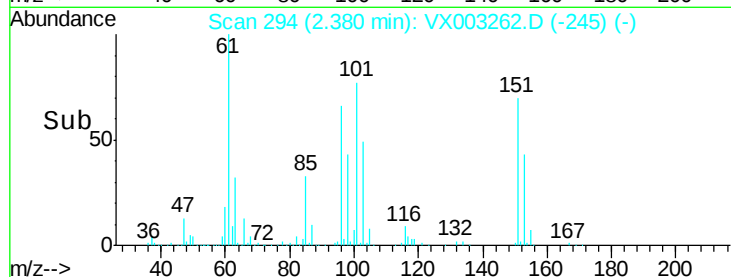
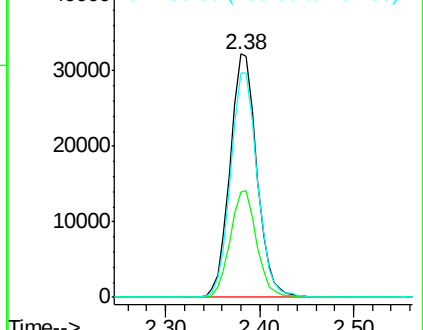
151 92.4 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.53 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

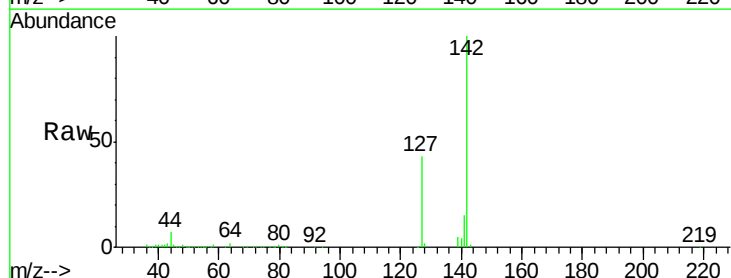
Tgt Ion:142 Resp: 62069

Ion Ratio Lower Upper

142 100

127 43.2 36.6 55.0

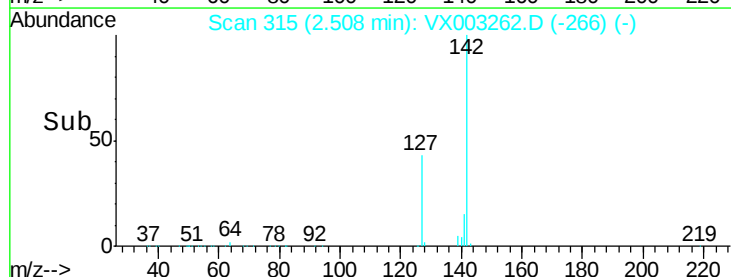
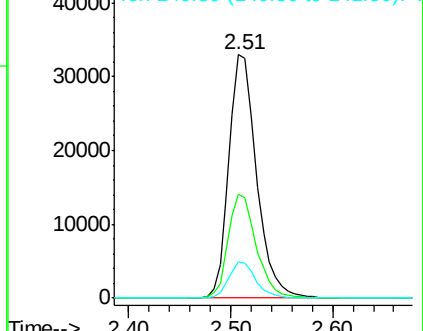
141 14.5 11.3 16.9

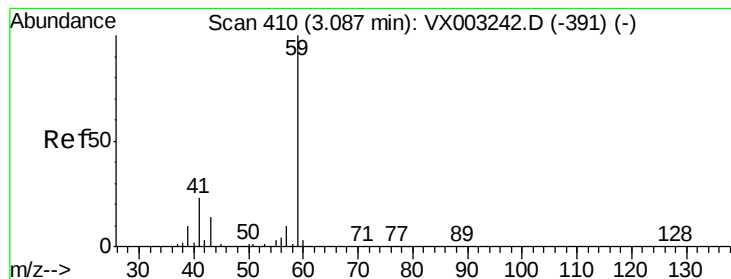


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



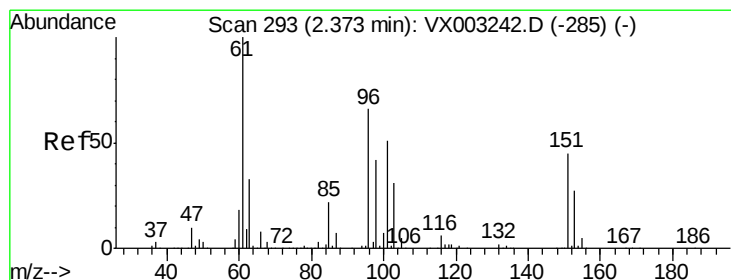
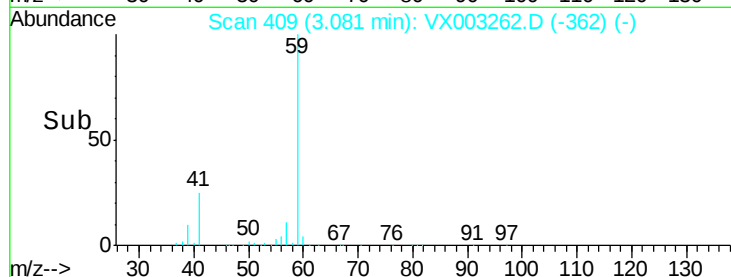
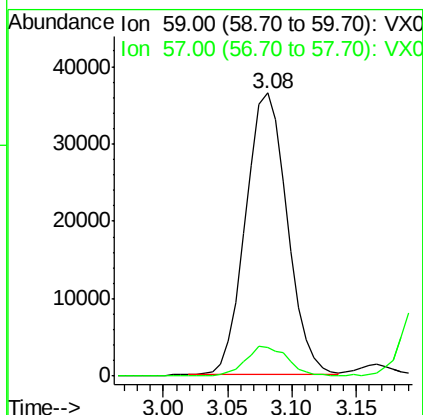
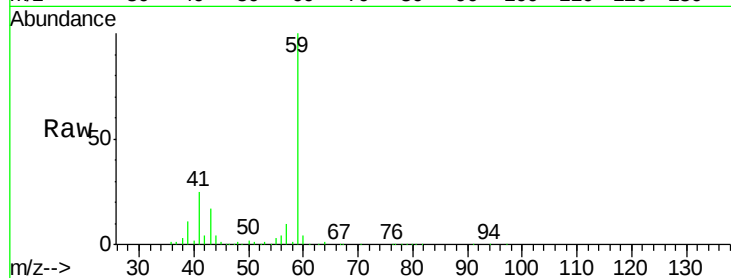


#11

Tert butyl alcohol
 Concen: 112.49 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0709WBSD01

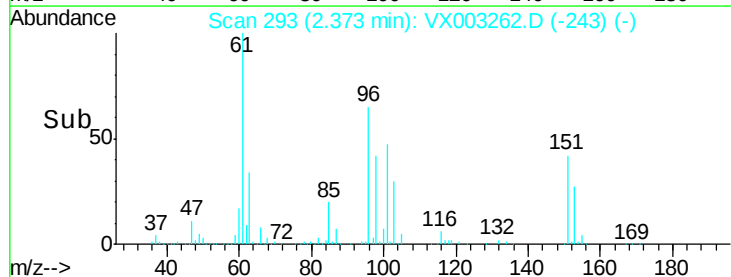
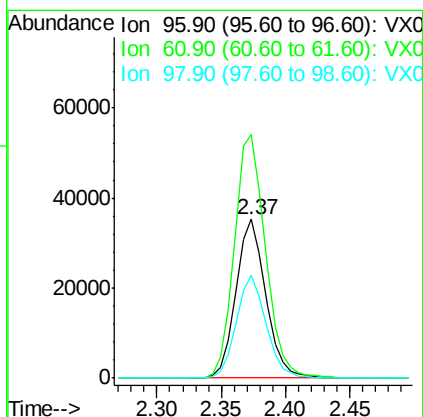
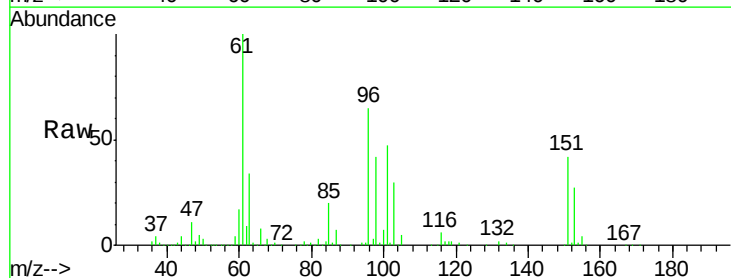
Tot Ion: 59 Resp: 81628
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

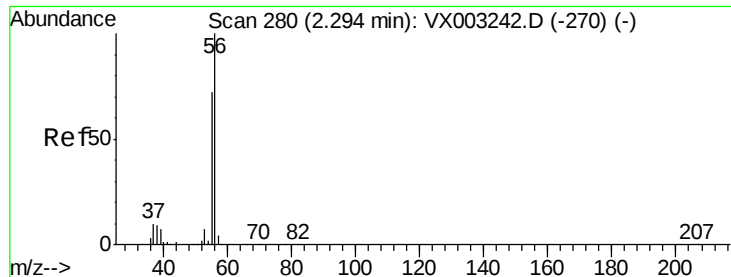


#12

1,1-Dichloroethene
 Concen: 19.84 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

Tgt Ion: 96 Resp: 56703
 Ion Ratio Lower Upper
 96 100
 61 153.0 137.9 206.9
 98 64.5 51.6 77.4





#13

Acrolein

Concen: 90.64 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

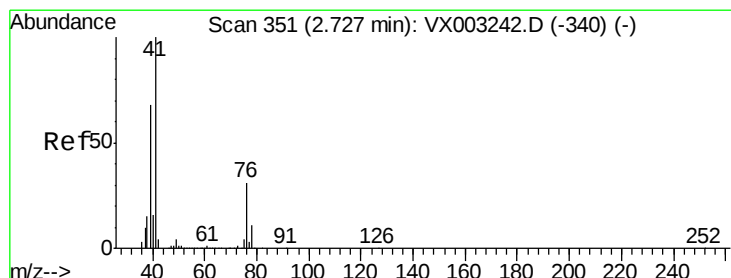
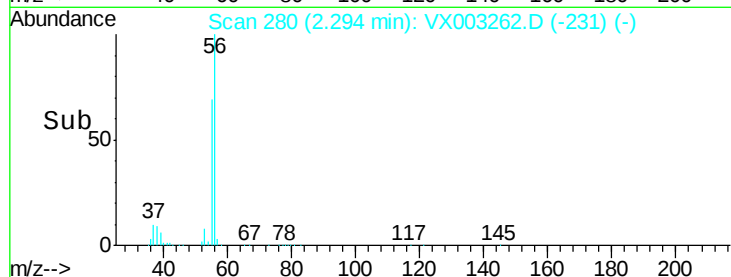
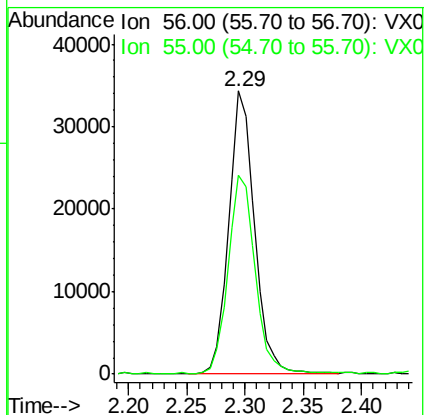
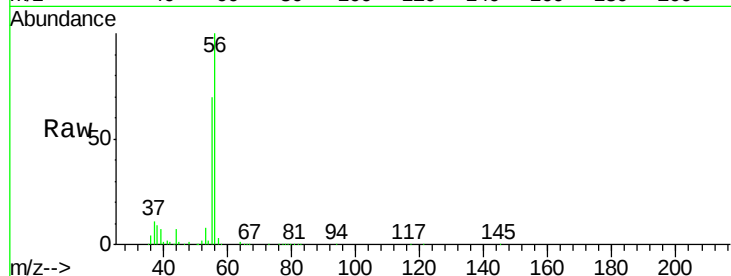
VX0709WBSD01

Tot Ion: 56 Resp: 52999

Ion Ratio Lower Upper

56 100

55 73.1 57.0 85.4



#14

Allyl chloride

Concen: 19.84 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

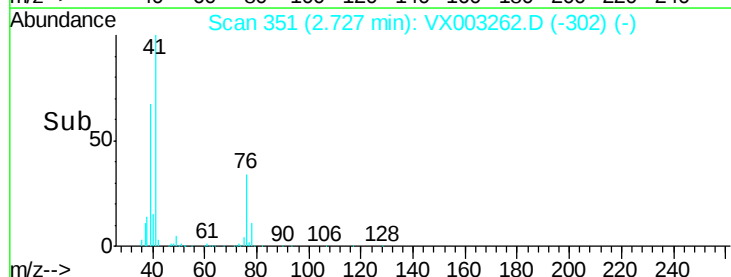
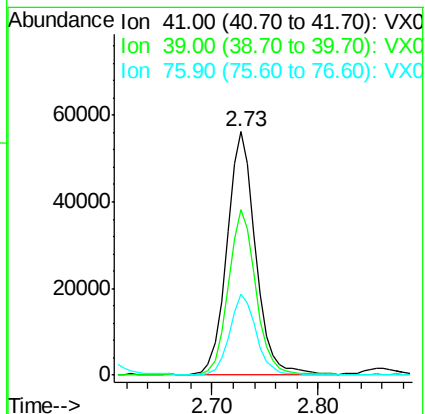
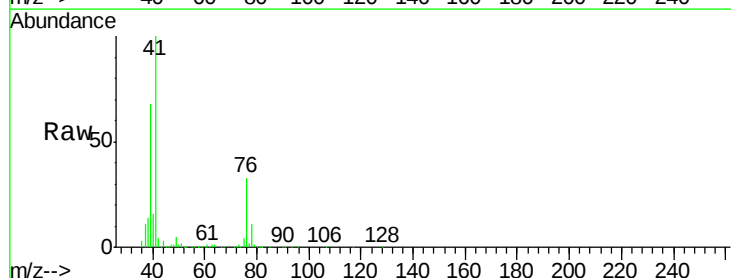
Tgt Ion: 41 Resp: 105027

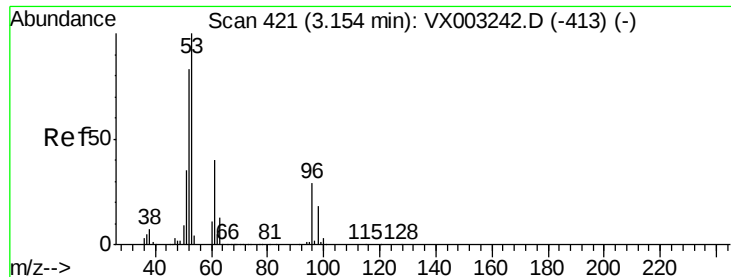
Ion Ratio Lower Upper

41 100

39 65.7 56.8 85.2

76 31.5 23.8 35.8





#15

Acrylonitrile

Concen: 105.34 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampled :

VX0709WBSD01

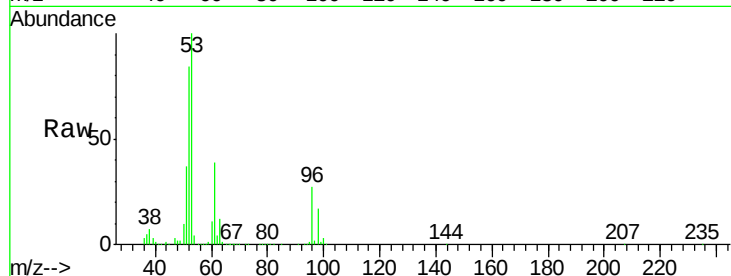
Tot Ion: 53 Resp: 170679

Ion Ratio Lower Upper

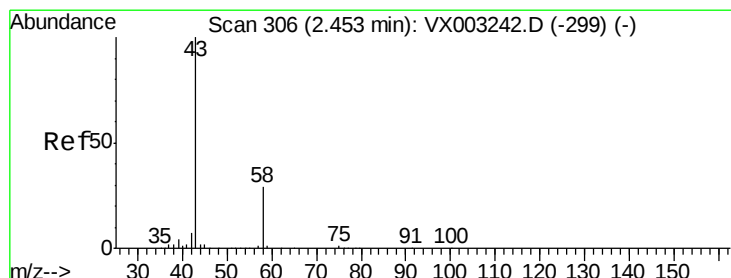
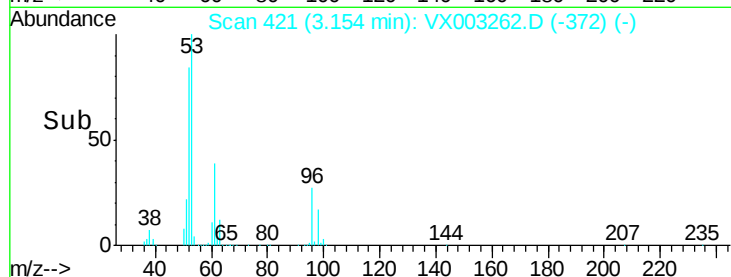
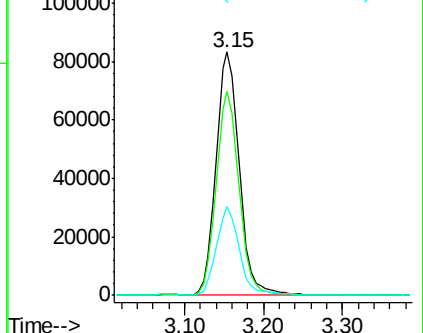
53 100

52 82.1 66.7 100.1

51 35.7 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 109.60 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003262.D

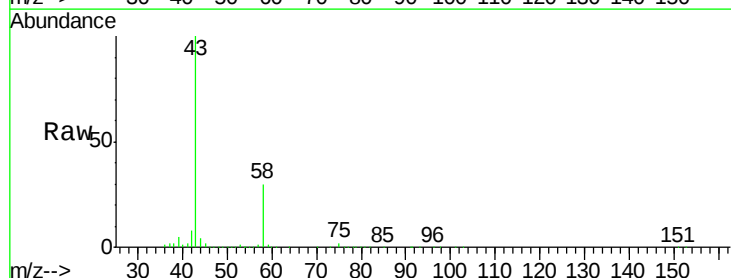
Acq: 09 Jul 2018 23:37

Tgt Ion: 43 Resp: 155732

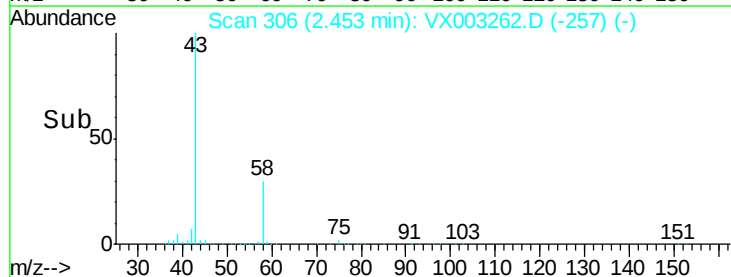
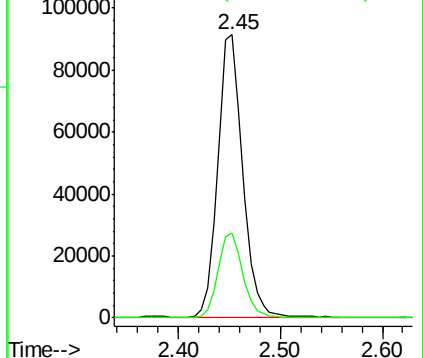
Ion Ratio Lower Upper

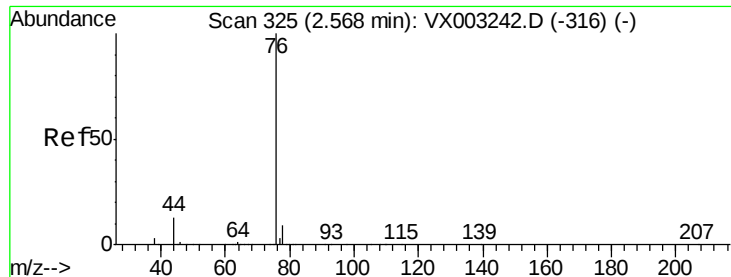
43 100

58 30.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 19.54 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

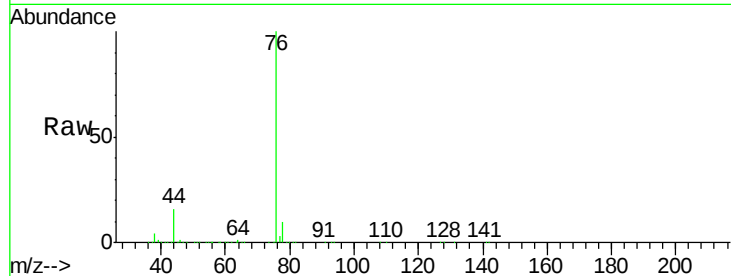
VX0709WBSD01

Tot Ion: 76 Resp: 155188

Ion Ratio Lower Upper

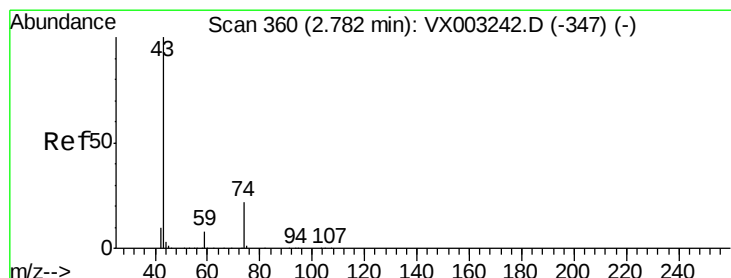
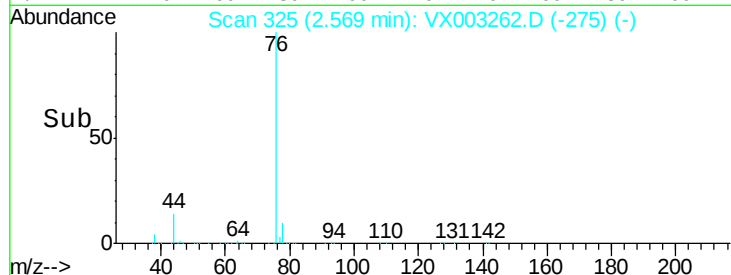
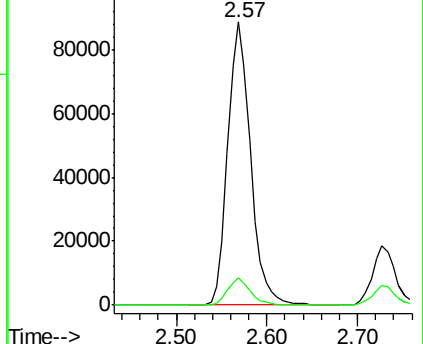
76 100

78 9.5 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.65 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003262.D

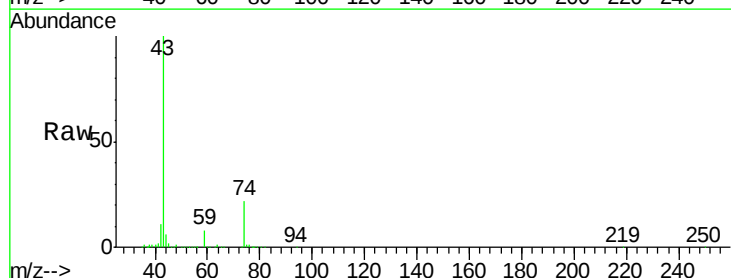
Acq: 09 Jul 2018 23:37

Tgt Ion: 43 Resp: 90790

Ion Ratio Lower Upper

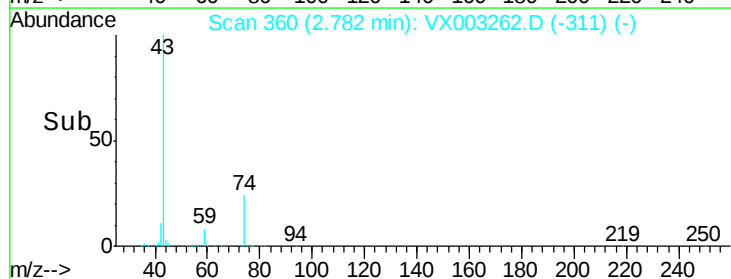
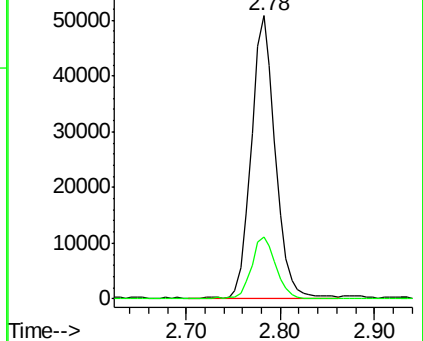
43 100

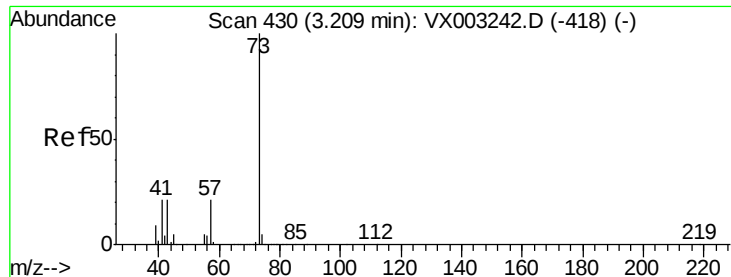
74 23.0 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 19.96 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

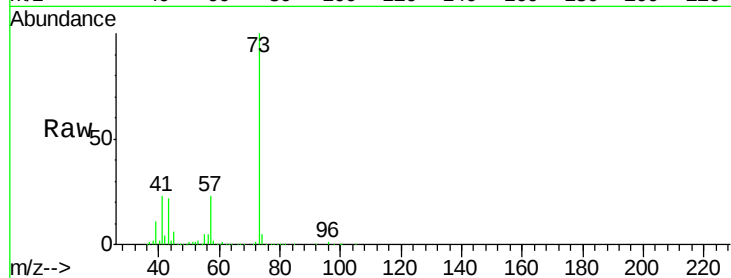
VX0709WBSD01

Tot Ion: 73 Resp: 190497

Ion Ratio Lower Upper

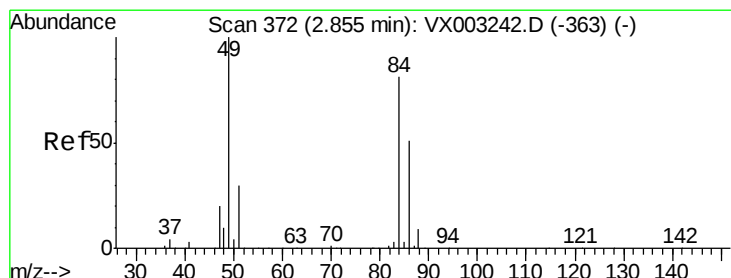
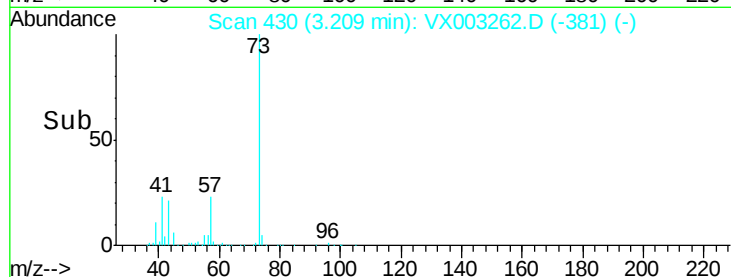
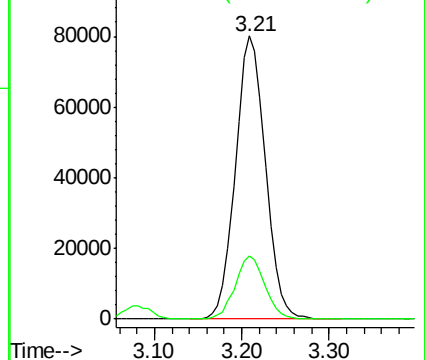
73 100

57 22.5 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 21.49 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Tgt Ion: 84 Resp: 63760

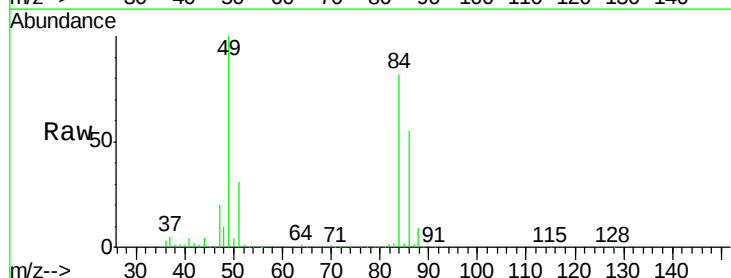
Ion Ratio Lower Upper

84 100

49 122.3 107.8 161.6

51 37.7 32.8 49.2

86 66.9 52.5 78.7

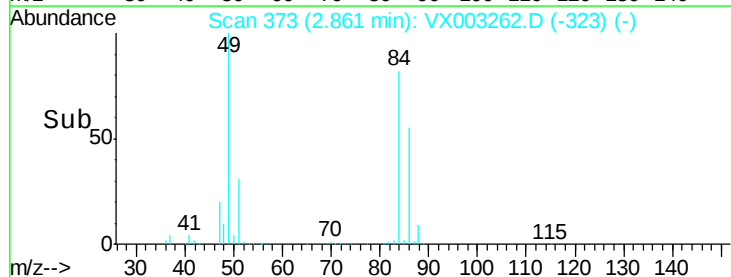
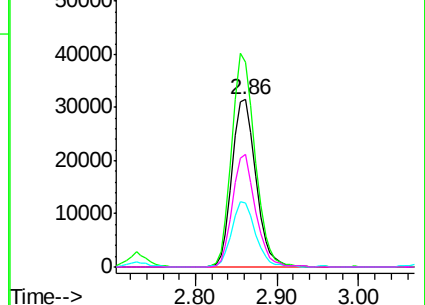


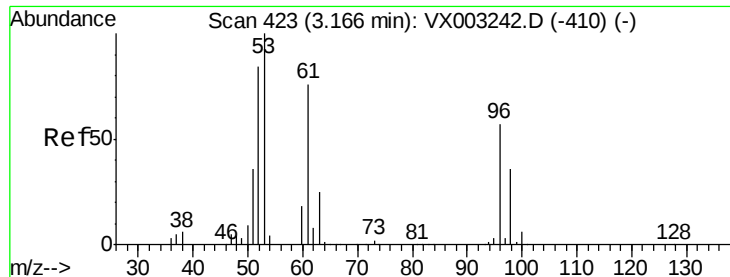
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 20.54 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

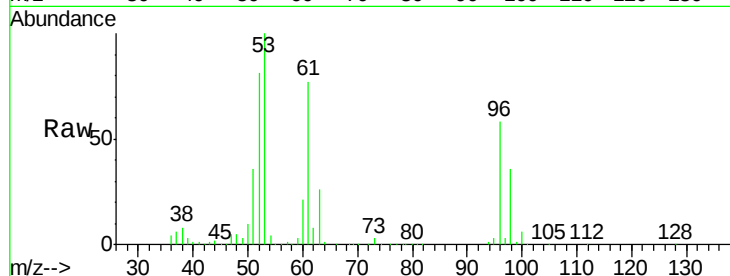
Tot Ion: 96 Resp: 62579

Ion Ratio Lower Upper

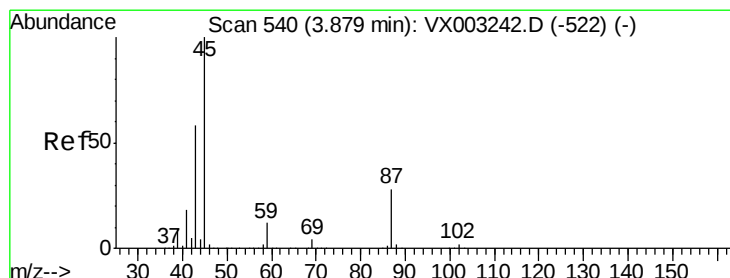
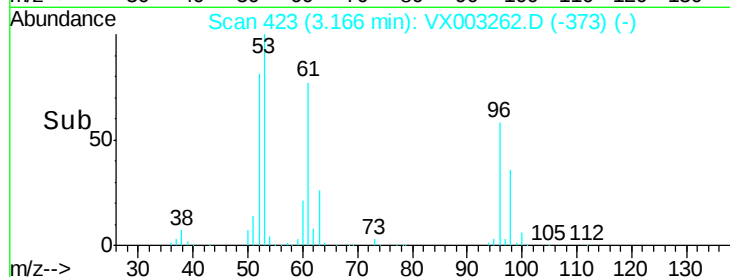
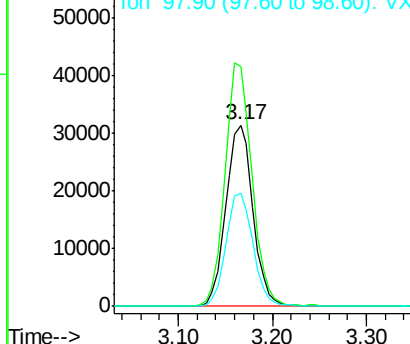
96 100

61 132.4 117.0 175.4

98 62.4 52.4 78.6



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



#22

Diisopropyl ether

Concen: 19.80 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Tgt Ion: 45 Resp: 213293

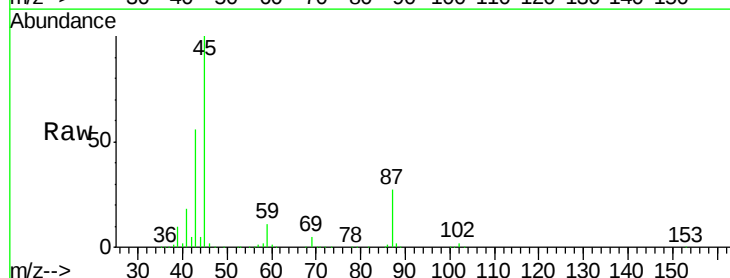
Ion Ratio Lower Upper

45 100

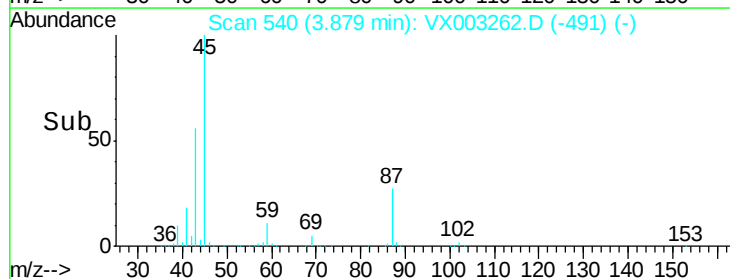
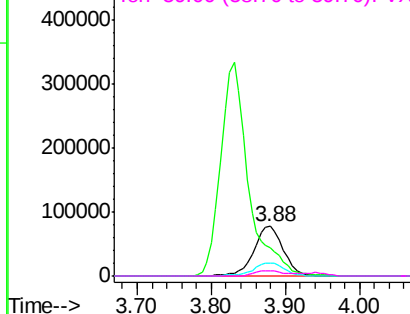
43 55.6 46.8 70.2

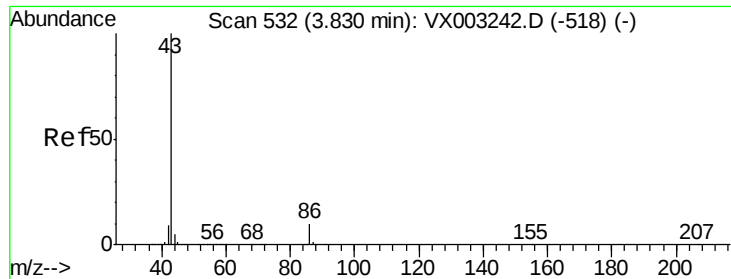
87 26.6 20.2 30.4

59 11.0 8.7 13.1



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





#23

Vinyl Acetate

Concen: 95.60 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

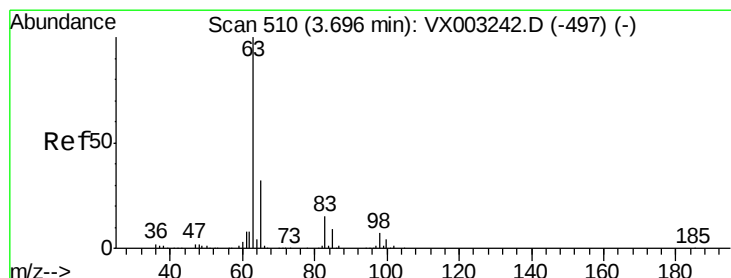
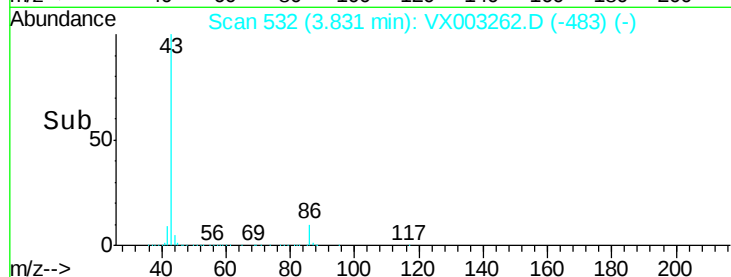
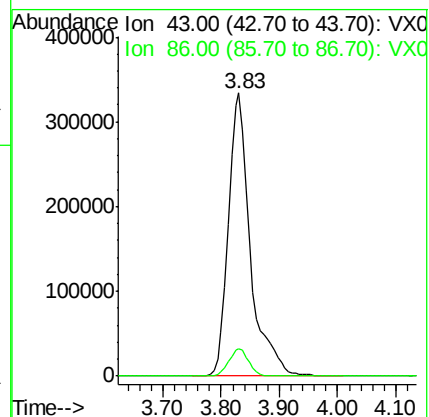
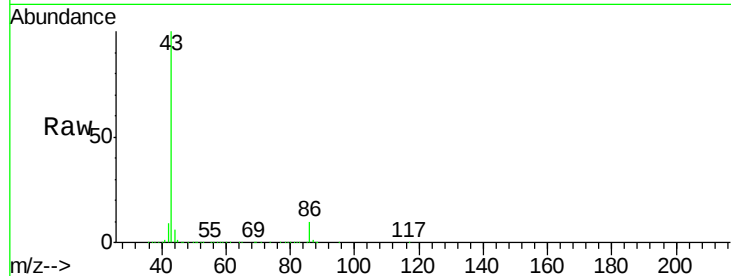
VX0709WBSD01

Tot Ion: 43 Resp: 874110

Ion Ratio Lower Upper

43 100

86 9.9 7.4 11.0



#24

1,1-Dichloroethane

Concen: 20.30 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

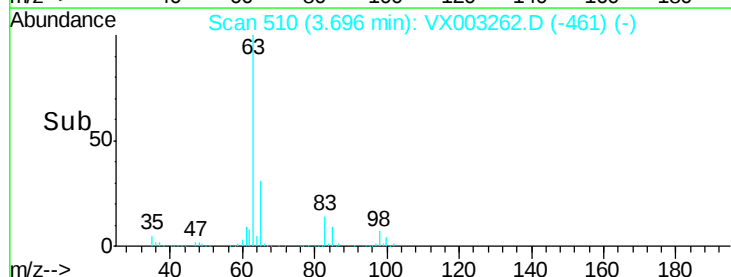
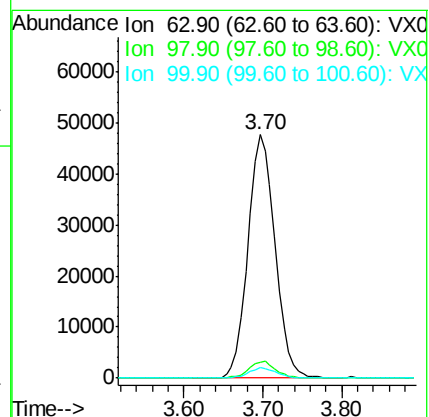
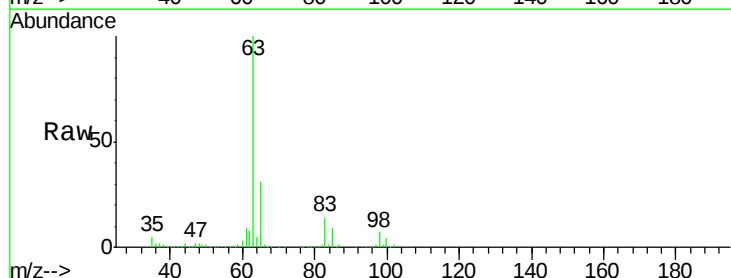
Tgt Ion: 63 Resp: 113814

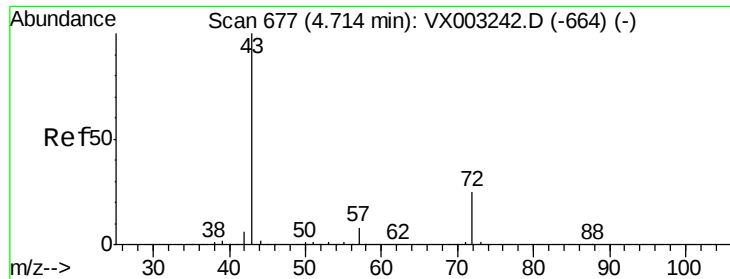
Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 104.80 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

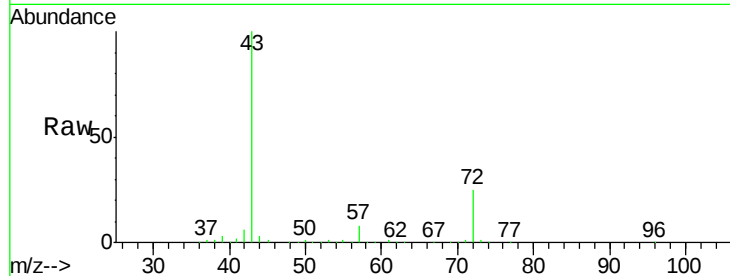
VX0709WBSD01

Tot Ion: 43 Resp: 263502

Ion Ratio Lower Upper

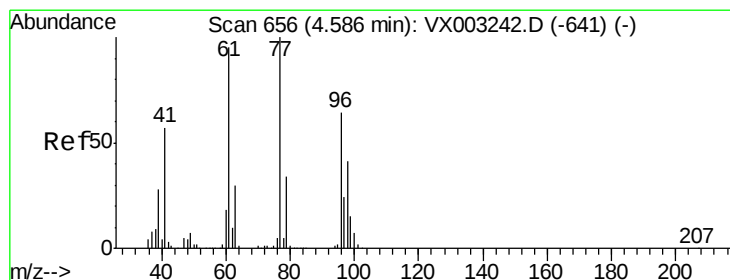
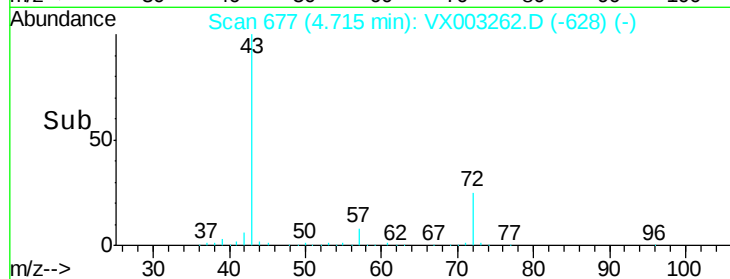
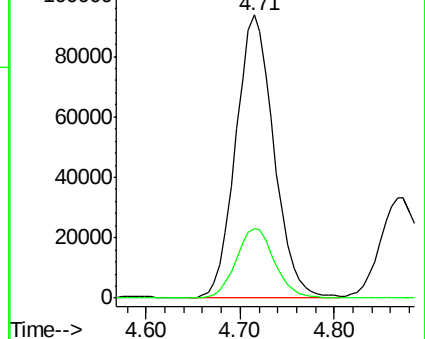
43 100

72 24.7 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.72 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003262.D

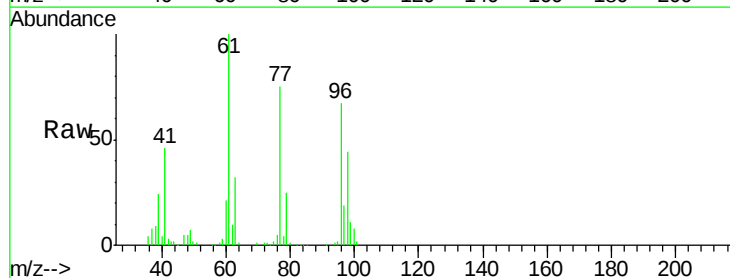
Acq: 09 Jul 2018 23:37

Tgt Ion: 77 Resp: 67289

Ion Ratio Lower Upper

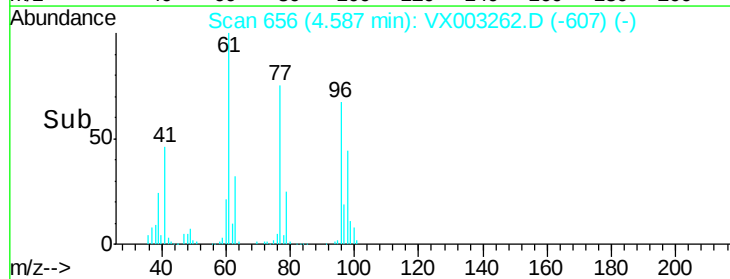
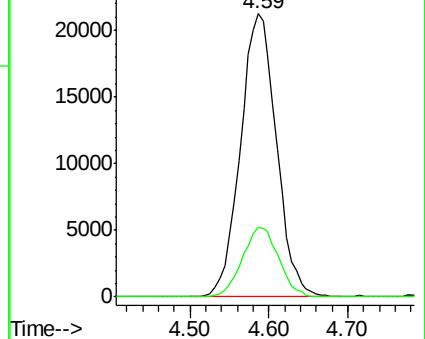
77 100

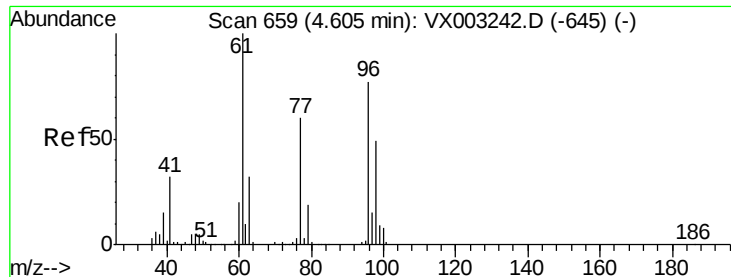
97 24.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



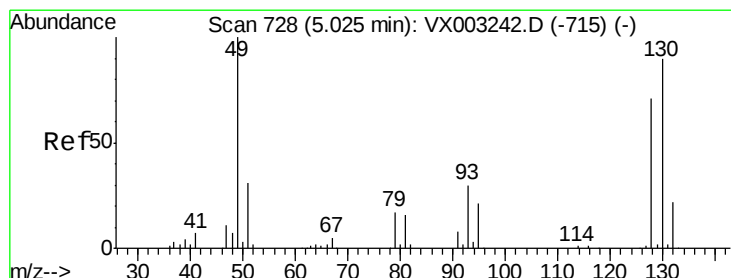
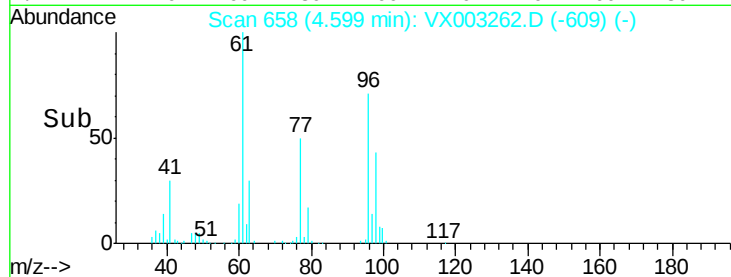
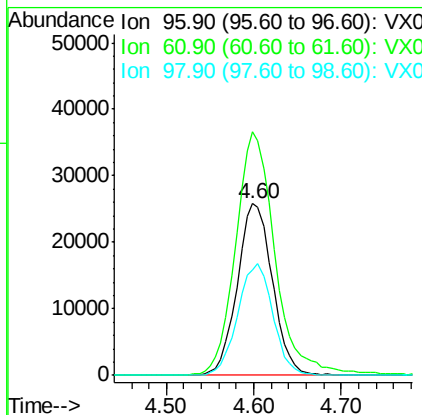
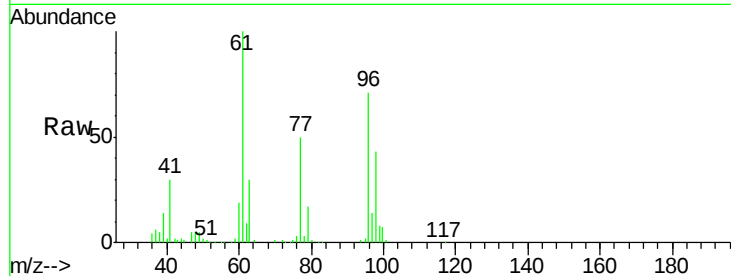


#27

cis-1,2-Dichloroethene
 Concen: 19.29 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

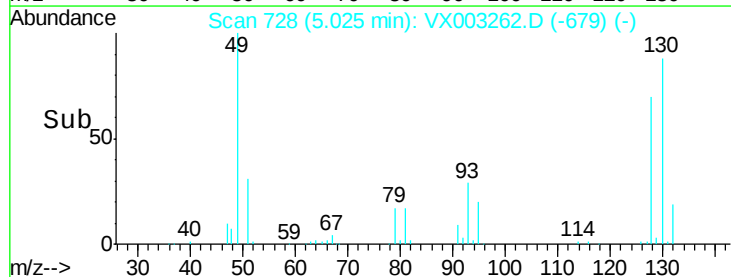
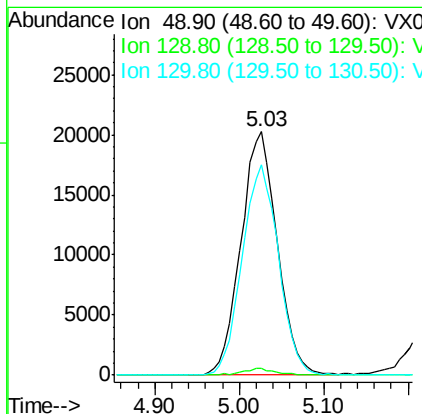
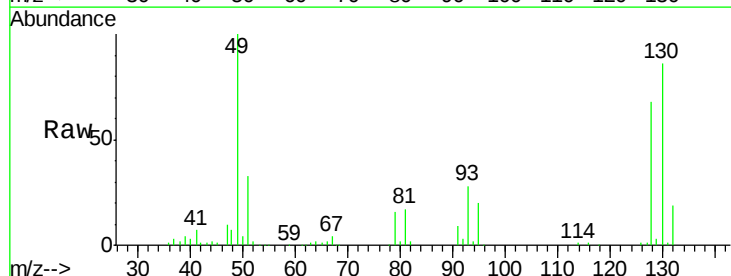
Tot Ion: 96 Resp: 72208
 Ion Ratio Lower Upper
 96 100
 61 159.4 0.0 330.2
 98 65.0 0.0 130.2

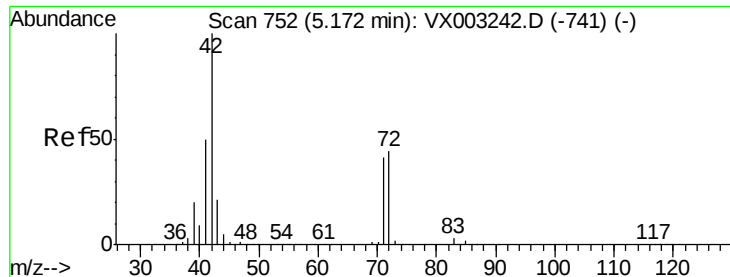


#28

Bromochloromethane
 Concen: 20.99 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

Tgt Ion: 49 Resp: 59283
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.2
 130 86.2 61.2 91.8





#29

Tetrahydrofuran

Concen: 102.23 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampled :

VX0709WBSD01

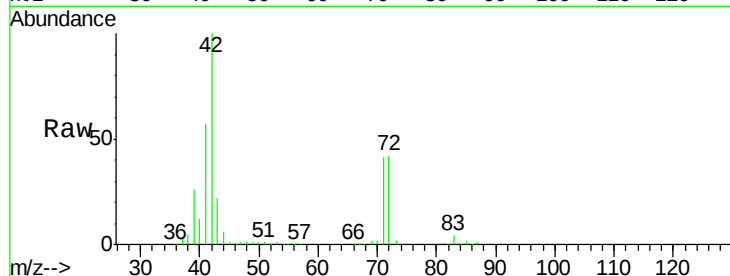
Tot Ion: 42 Resp: 166828

Ion Ratio Lower Upper

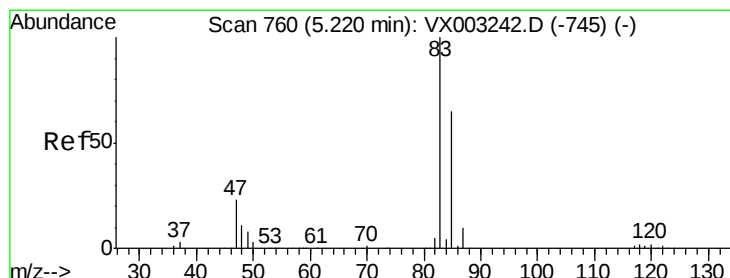
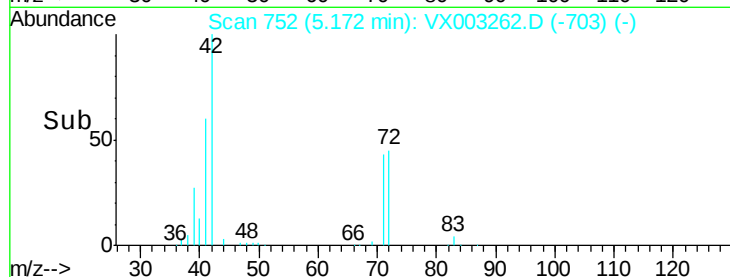
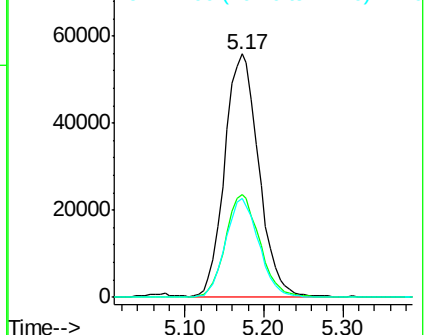
42 100

72 42.8 32.0 48.0

71 40.1 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.92 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003262.D

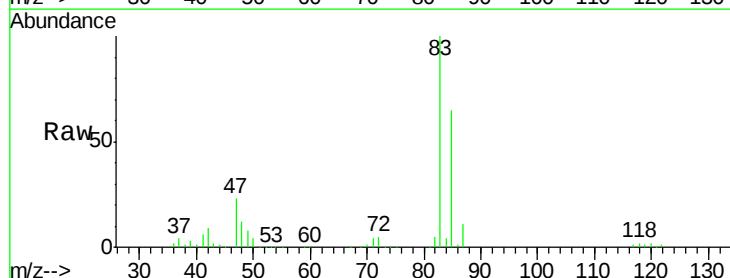
Acq: 09 Jul 2018 23:37

Tgt Ion: 83 Resp: 122845

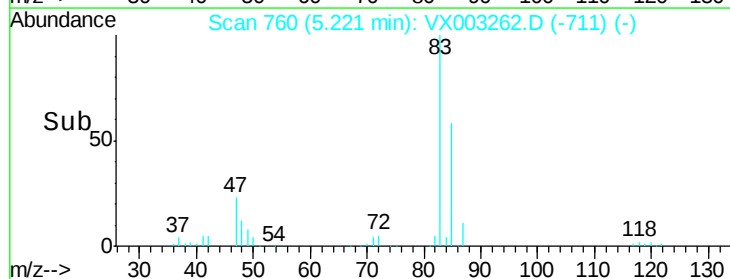
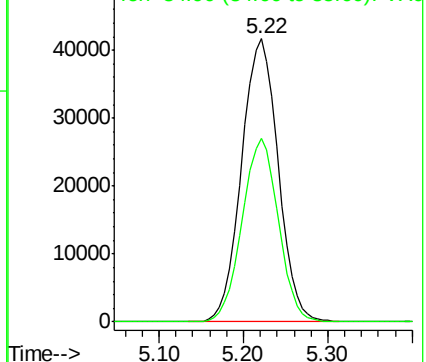
Ion Ratio Lower Upper

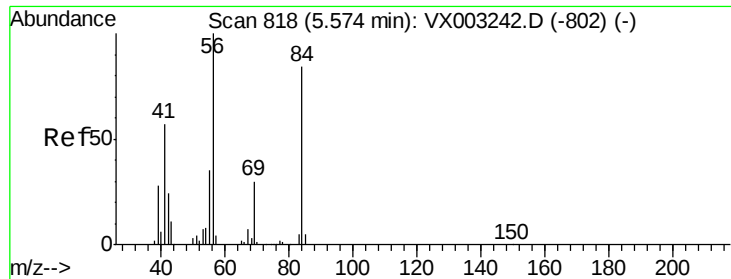
83 100

85 64.9 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cvclohexane

Concen: 19.78 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

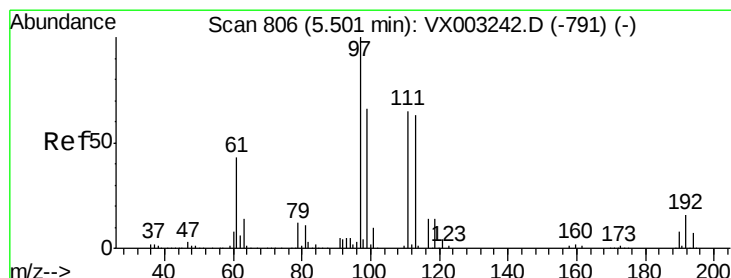
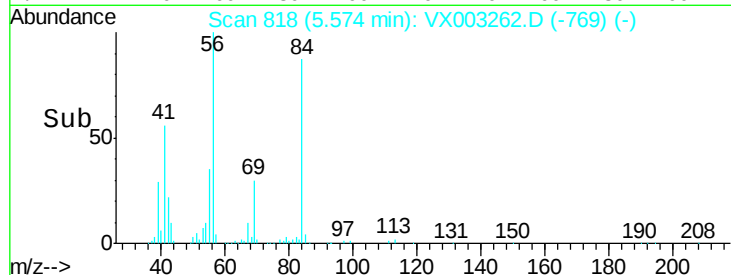
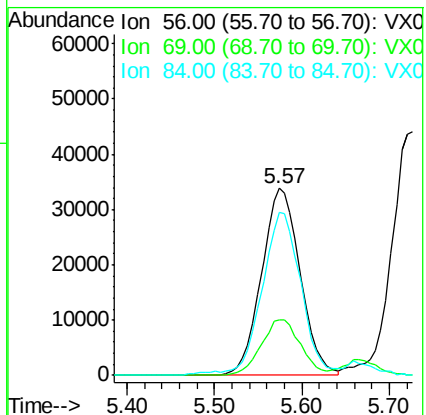
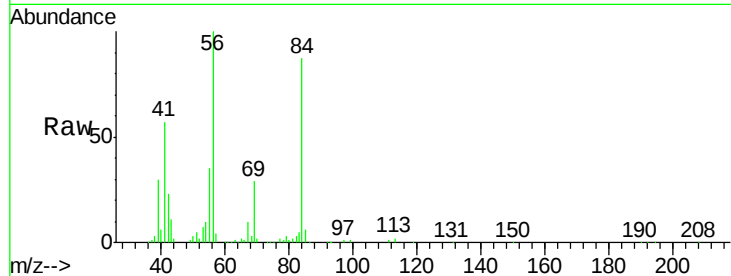
Tot Ion: 56 Resp: 103823

Ion Ratio Lower Upper

56 100

69 29.4 23.7 35.5

84 86.2 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 19.79 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

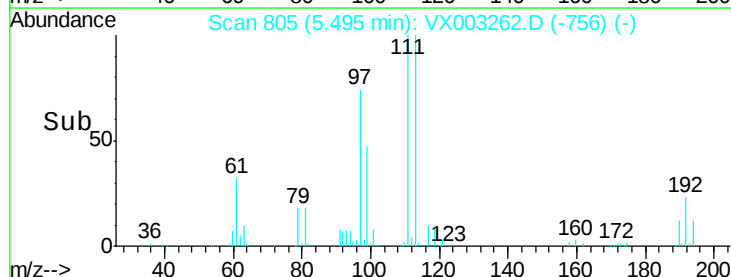
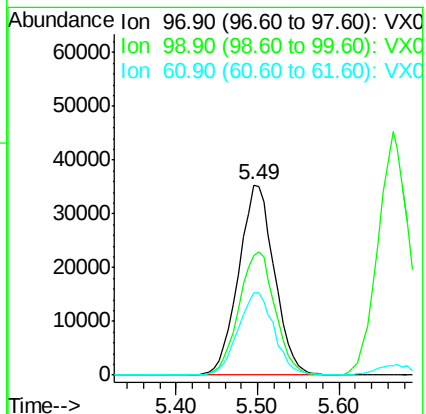
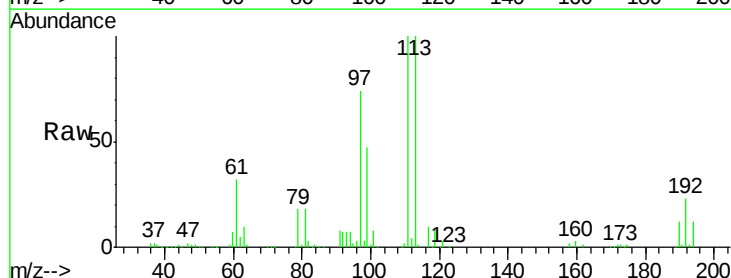
Tgt Ion: 97 Resp: 107630

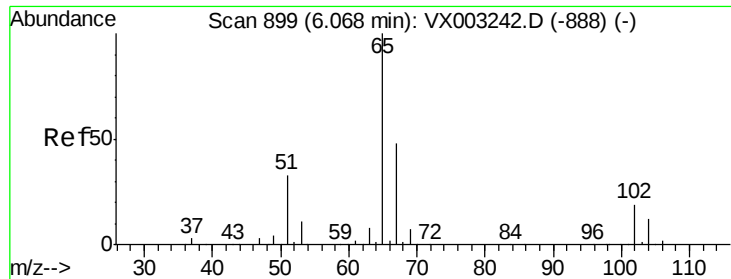
Ion Ratio Lower Upper

97 100

99 65.5 51.6 77.4

61 43.7 36.4 54.6

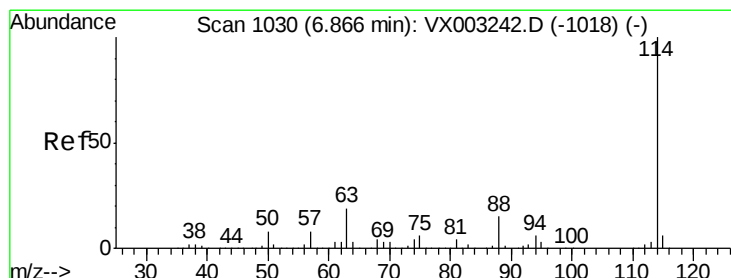
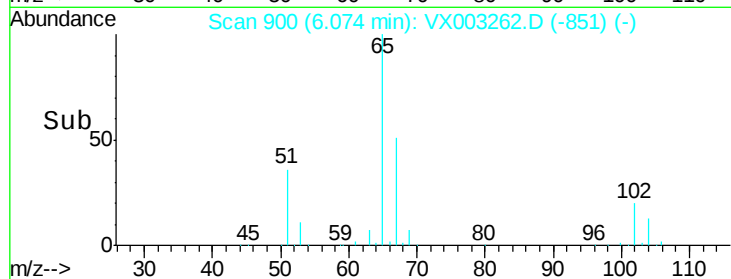
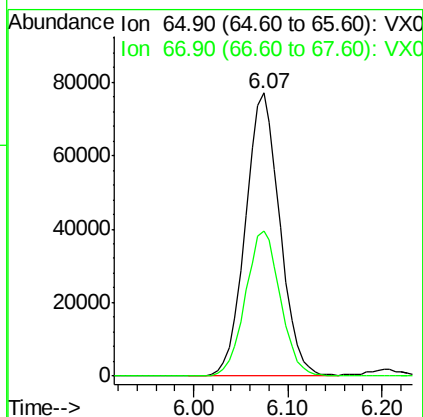
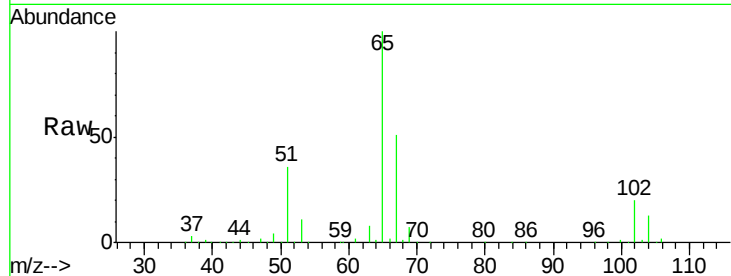




#33
 1,2-Dichloroethane-d4
 Concen: 49.27 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

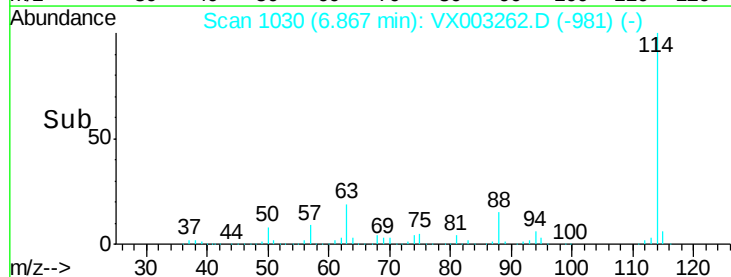
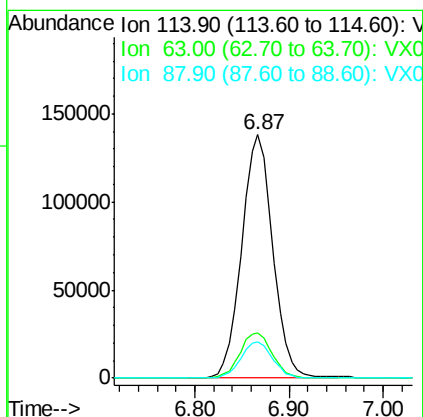
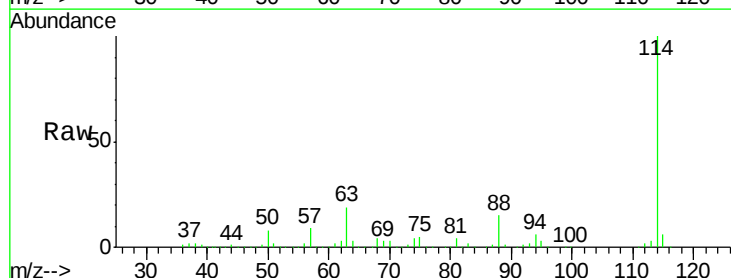
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

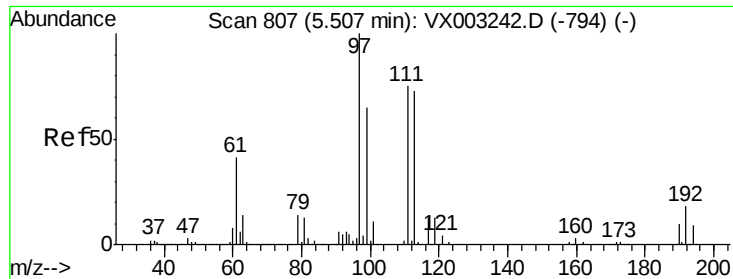
Tot Ion: 65 Resp: 197213
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

Tgt Ion: 114 Resp: 319668
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 41.4
 88 15.0 0.0 30.0

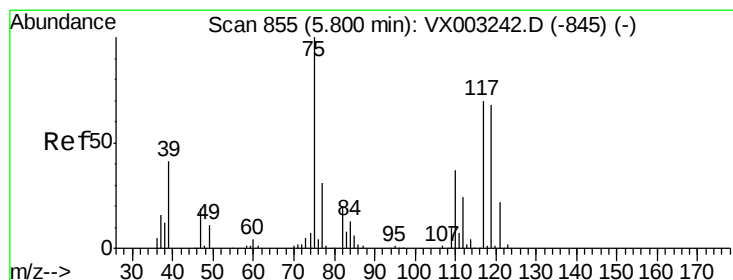
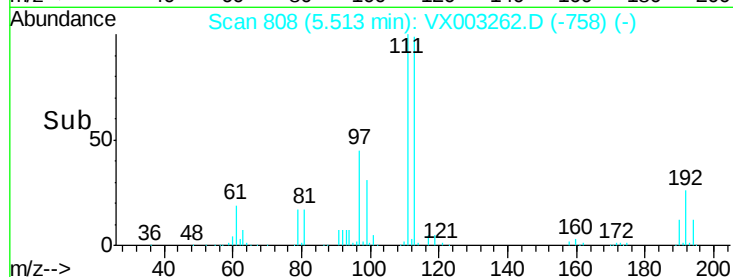
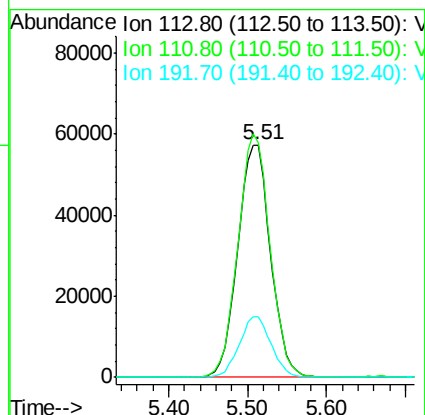
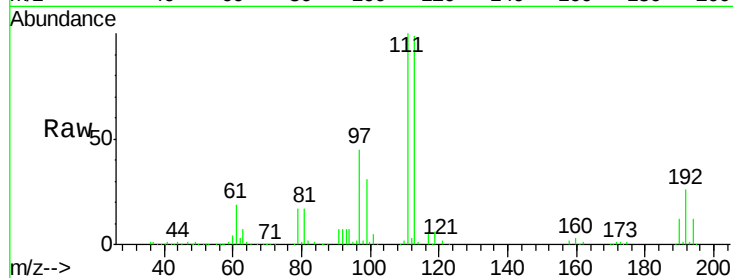




#35
 Dibromofluoromethane
 Concen: 48.31 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

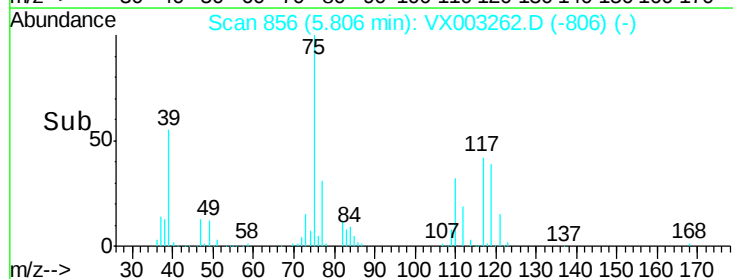
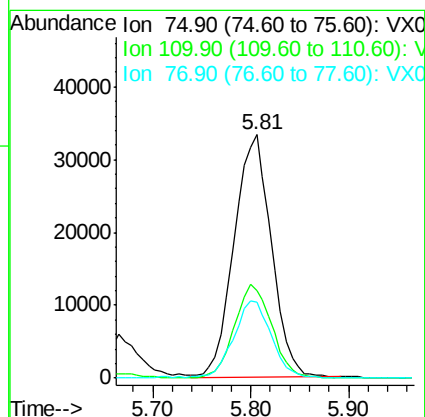
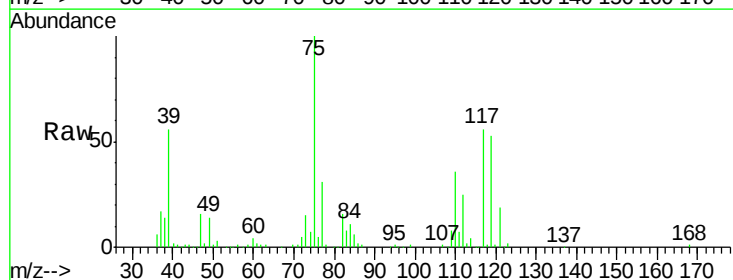
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

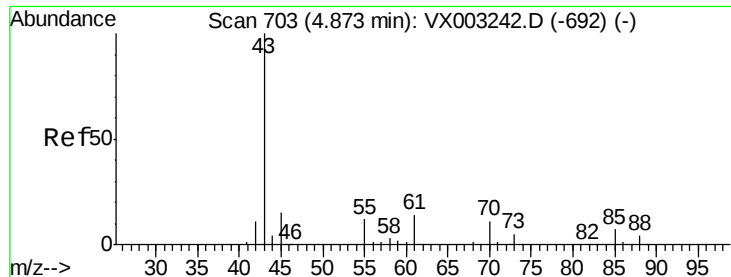
Tot Ion:113 Resp: 165898
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.4 122.0
 192 25.4 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 19.44 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

Tgt Ion: 75 Resp: 87951
 Ion Ratio Lower Upper
 75 100
 110 38.7 18.1 54.4
 77 32.9 24.3 36.5

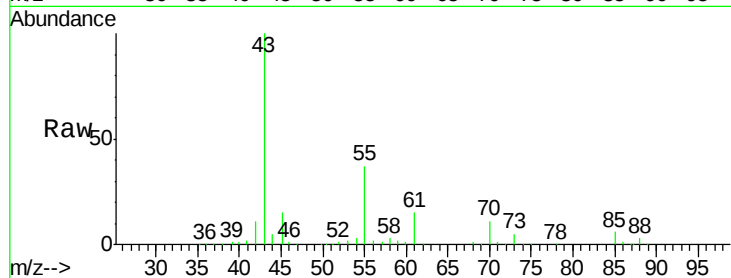




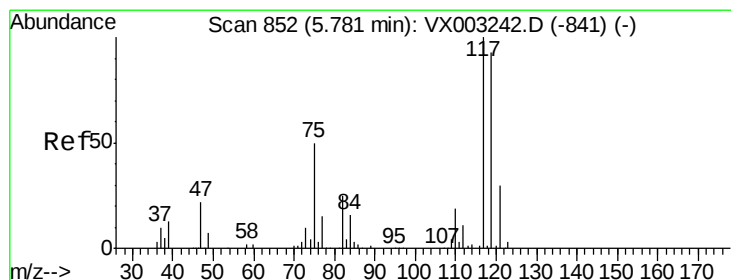
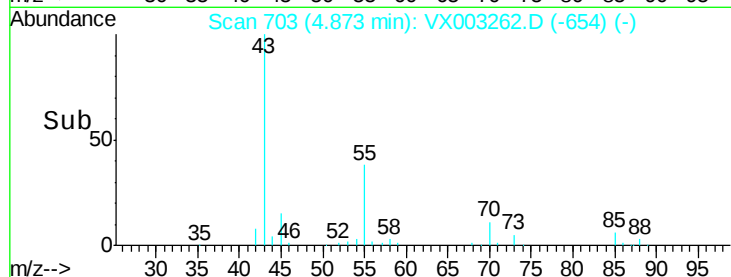
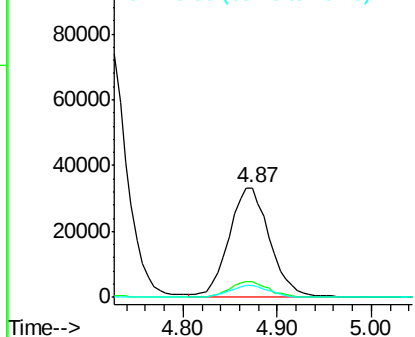
#37
Ethyl Acetate
Concen: 19.98 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion: 43 Resp: 99119
Ion Ratio Lower Upper
43 100
61 14.1 10.4 15.6
70 10.7 7.6 11.4

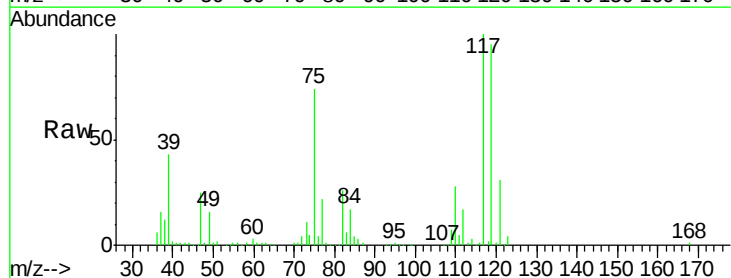


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

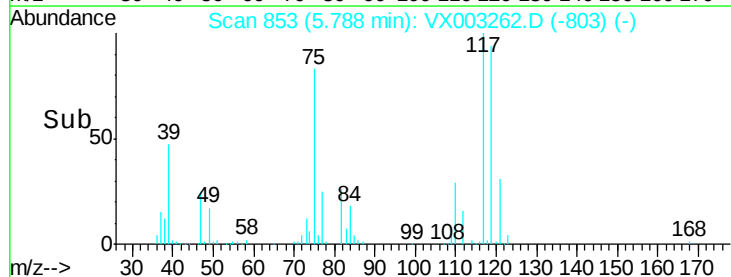
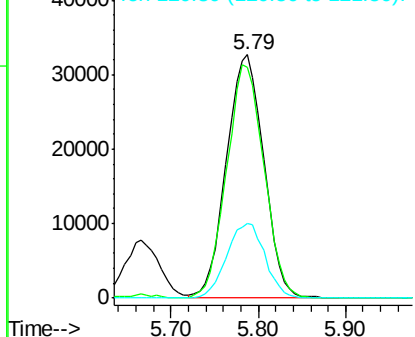


#38
Carbon Tetrachloride
Concen: 19.62 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

Tgt Ion: 117 Resp: 97114
Ion Ratio Lower Upper
117 100
119 94.7 77.4 116.0
121 30.7 24.4 36.6



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

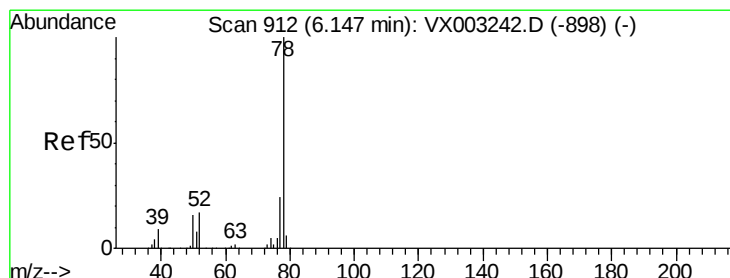
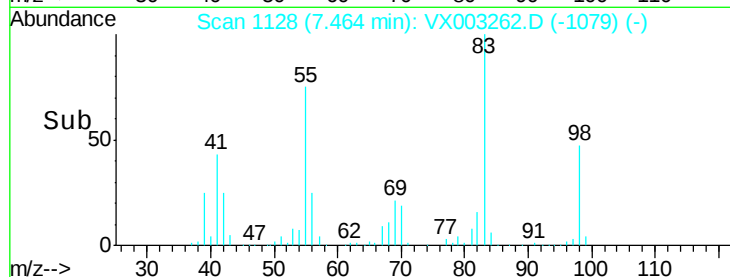
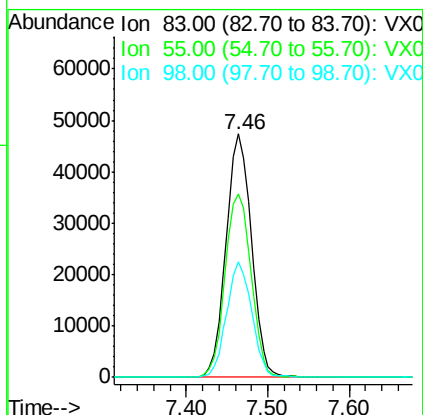
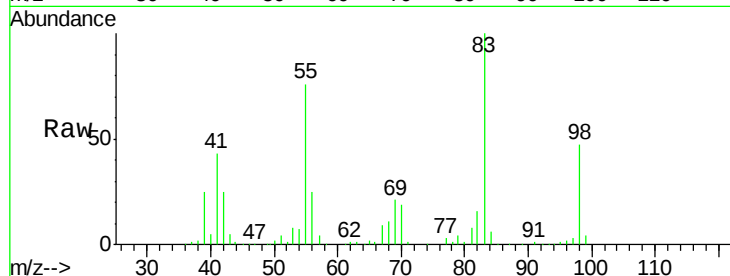




#39
Methvlcvclohexane
Concen: 19.10 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

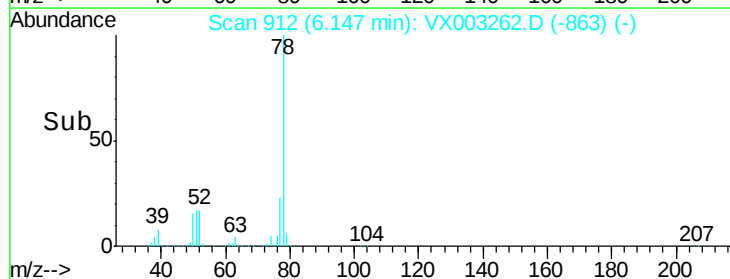
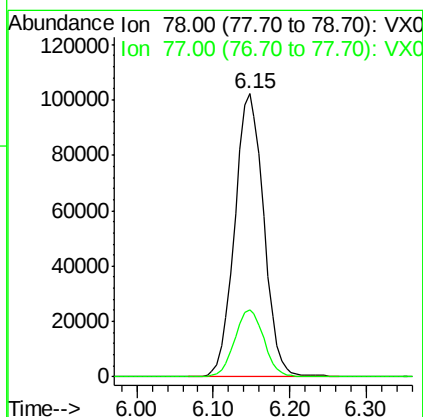
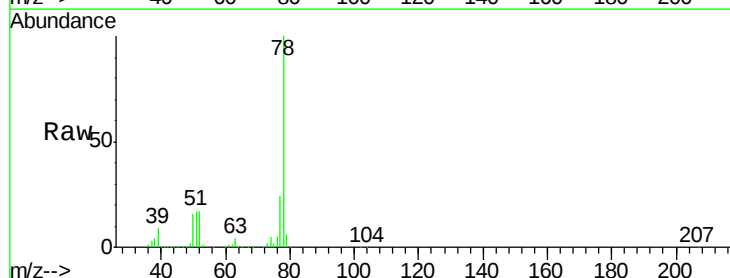
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

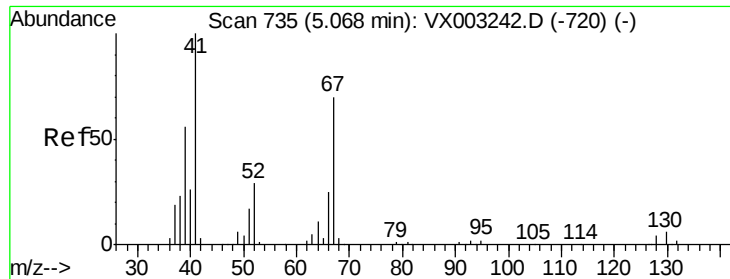
Tot Ion: 83 Resp: 101850
Ion Ratio Lower Upper
83 100
55 75.5 65.4 98.0
98 47.5 37.4 56.0



#40
Benzene
Concen: 20.09 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

Tgt Ion: 78 Resp: 269390
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

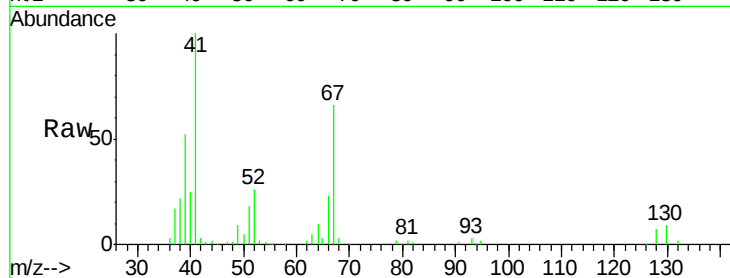




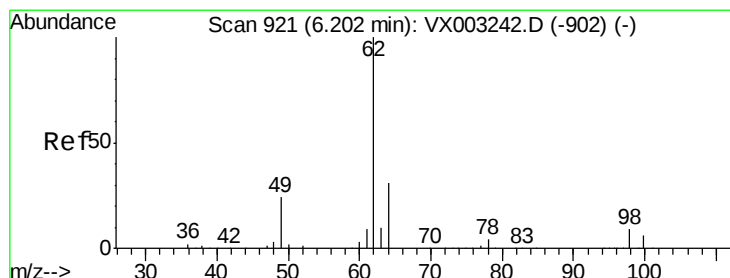
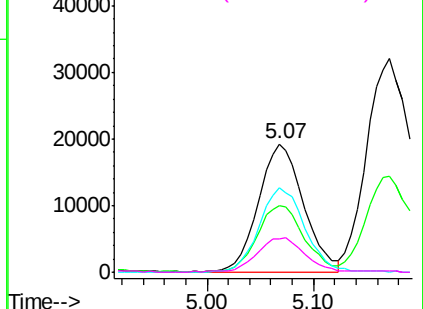
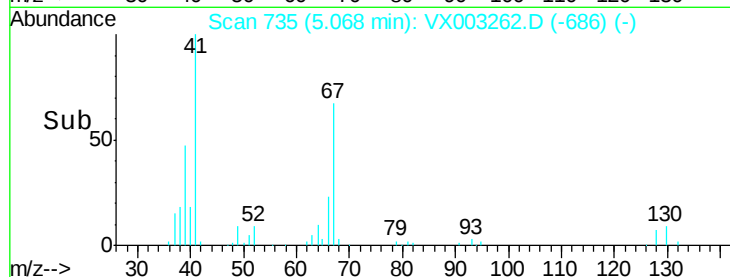
#41
Methacrylonitrile
Concen: 20.78 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion:	41	Resp:	56442
Ion	Ratio	Lower	Upper
41	100		
39	53.4	45.8	68.6
67	67.4	51.3	76.9
52	29.7	23.0	34.6

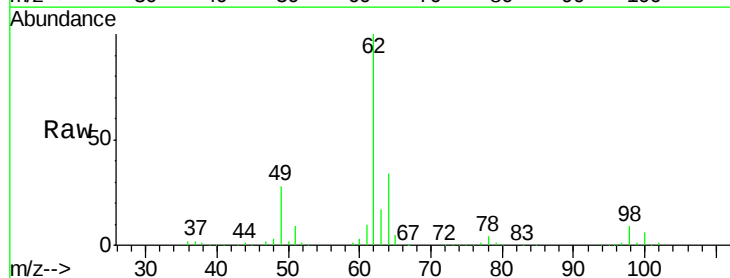


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

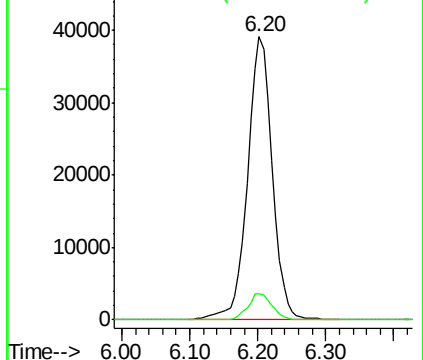
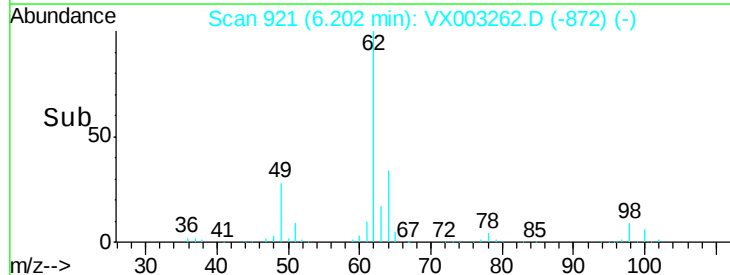


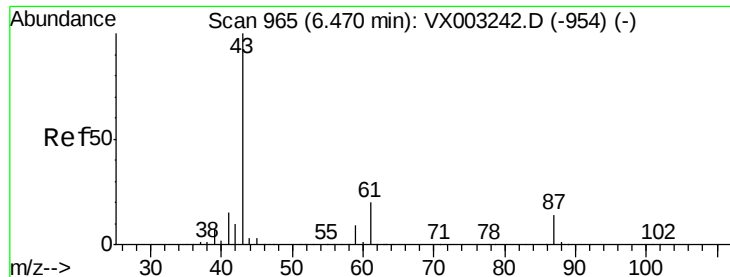
#42
1,2-Dichloroethane
Concen: 19.77 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

Tgt Ion:	62	Resp:	99076
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



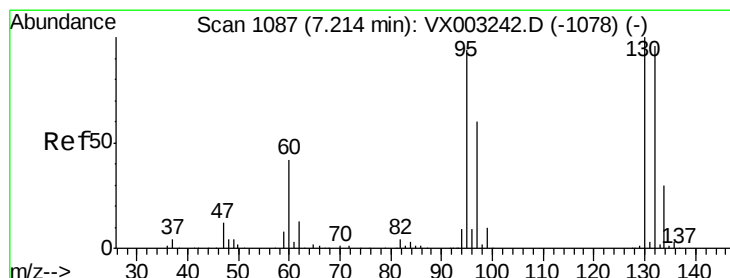
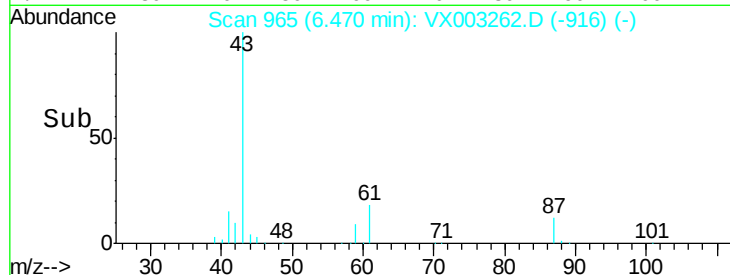
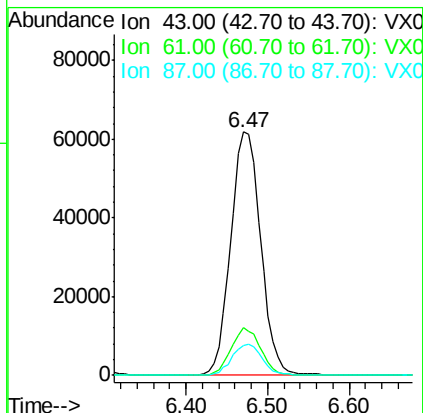
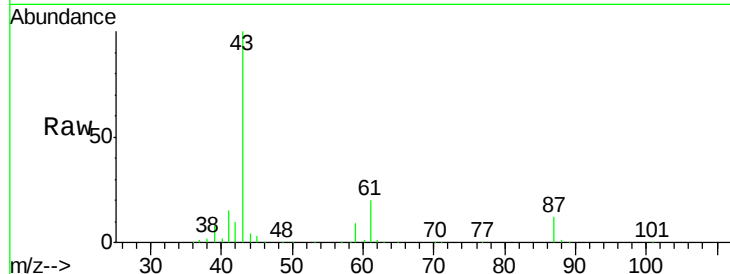


#43

Isopropyl Acetate
 Concen: 20.04 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

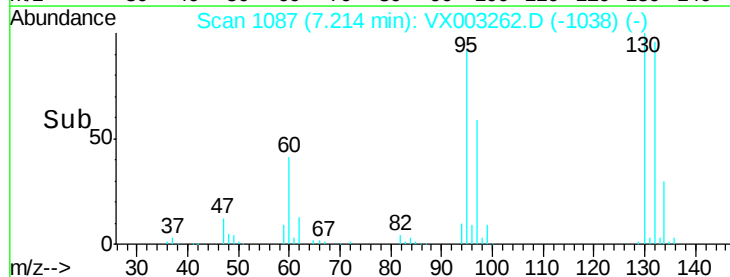
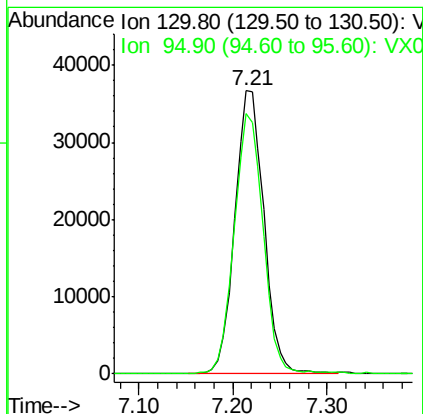
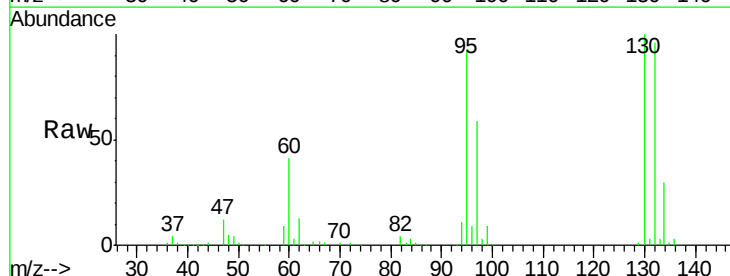
Tot Ion: 43 Resp: 156079
 Ion Ratio Lower Upper
 43 100
 61 19.2 14.4 21.6
 87 13.1 9.5 14.3

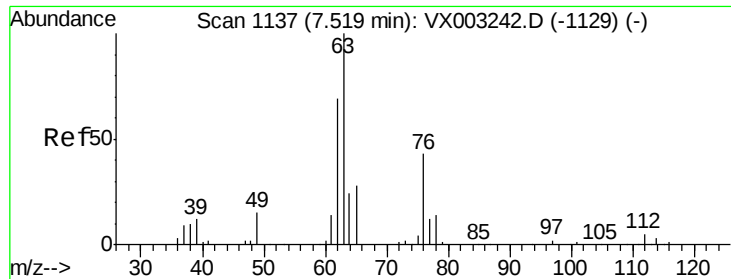


#44

Trichloroethene
 Concen: 19.97 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

Tgt Ion:130 Resp: 79194
 Ion Ratio Lower Upper
 130 100
 95 92.1 0.0 185.4





#45

1,2-Dichloropropane

Concen: 20.14 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

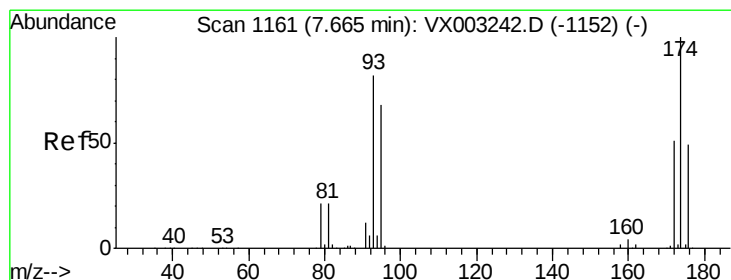
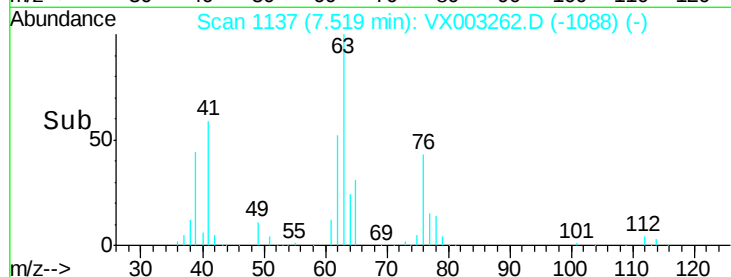
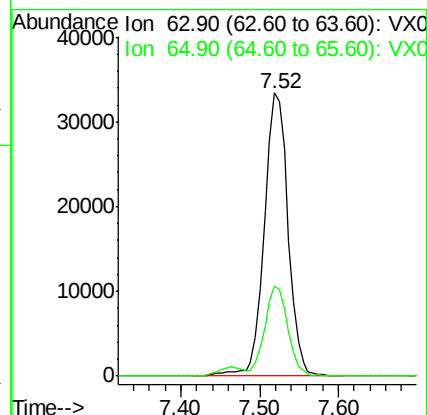
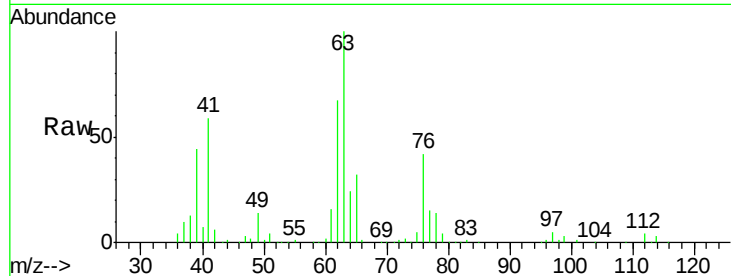
VX0709WBSD01

Tot Ion: 63 Resp: 70235

Ion Ratio Lower Upper

63 100

65 31.9 24.7 37.1



#46

Dibromomethane

Concen: 19.81 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

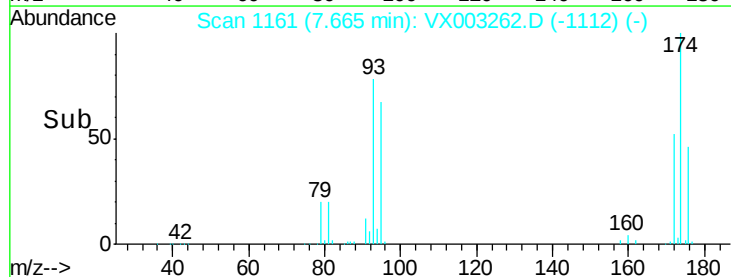
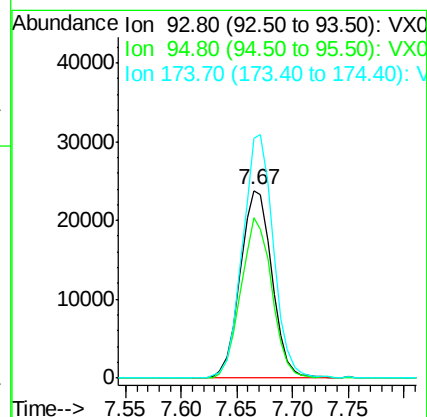
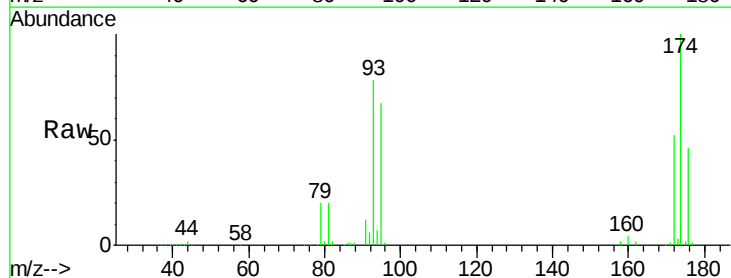
Tgt Ion: 93 Resp: 47084

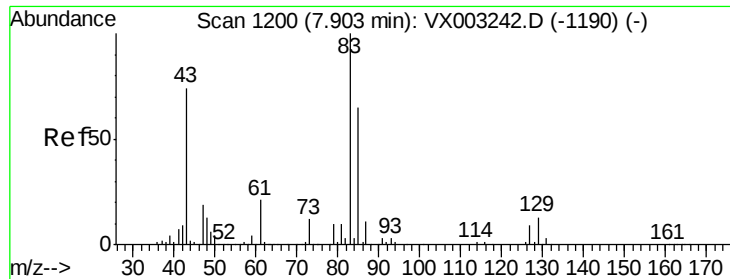
Ion Ratio Lower Upper

93 100

95 83.6 65.9 98.9

174 125.9 92.4 138.6





#47

Bromodichloromethane

Concen: 19.88 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

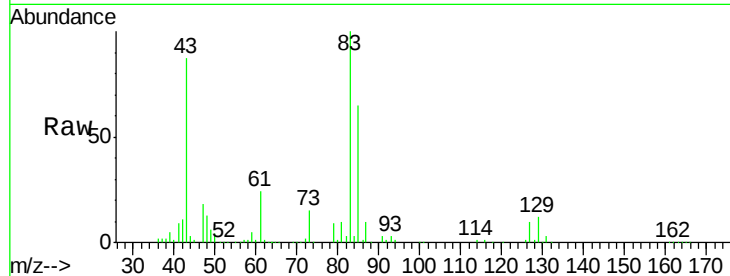
Tot Ion: 83 Resp: 87182

Ion Ratio Lower Upper

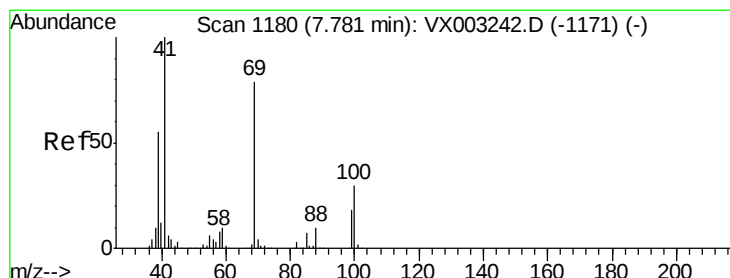
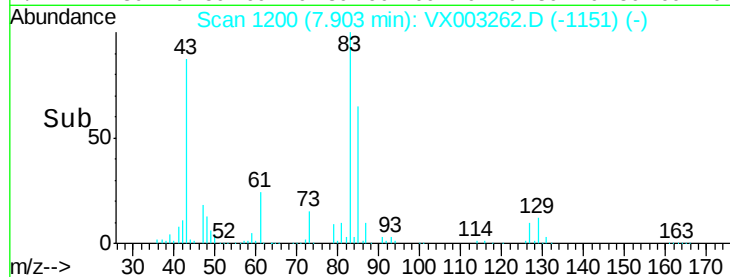
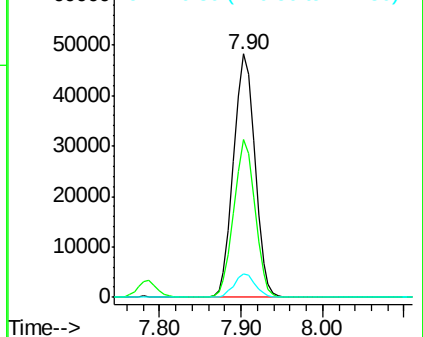
83 100

85 64.8 50.3 75.5

127 9.6 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.96 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

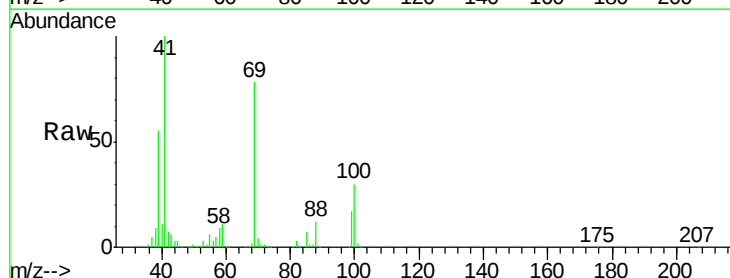
Tgt Ion: 41 Resp: 79737

Ion Ratio Lower Upper

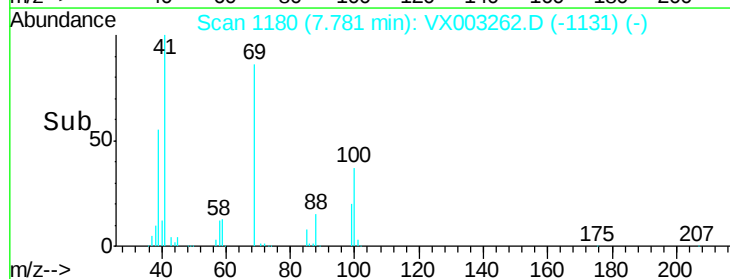
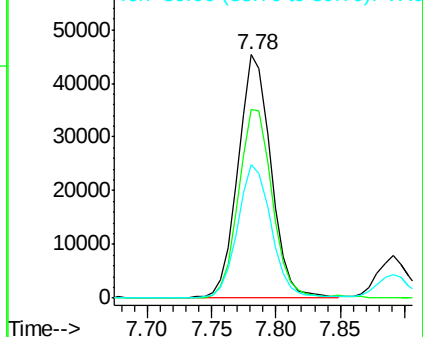
41 100

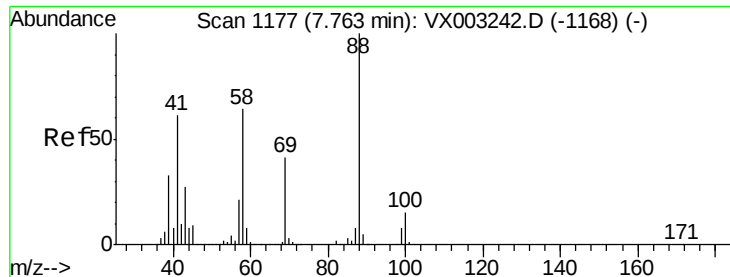
69 80.8 59.1 88.7

39 55.8 48.9 73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

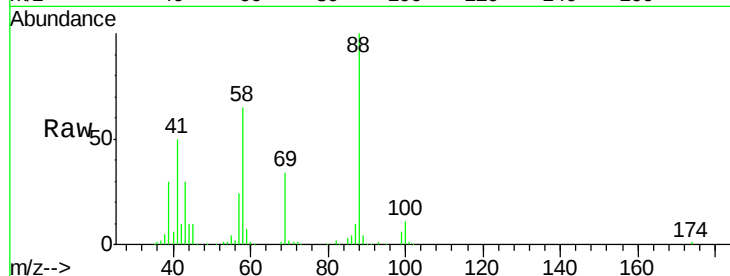




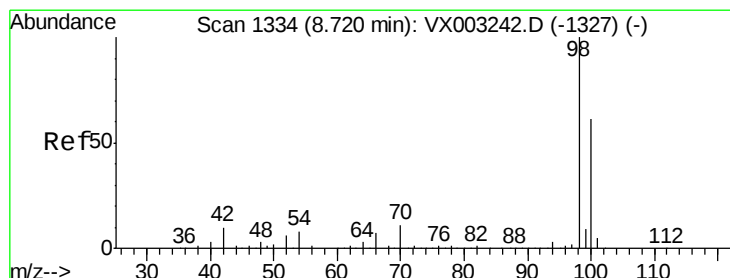
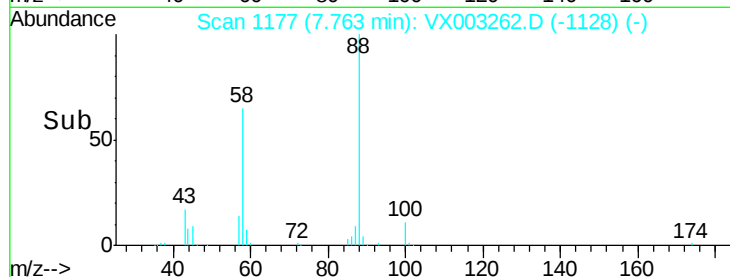
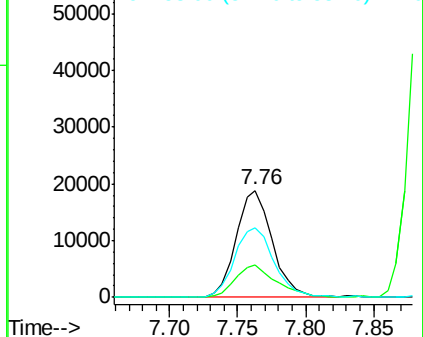
#49
1,4-Dioxane
Concen: 419.45 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion: 88 Resp: 35041
Ion Ratio Lower Upper
88 100
43 33.8 29.8 44.6
58 72.0 57.1 85.7

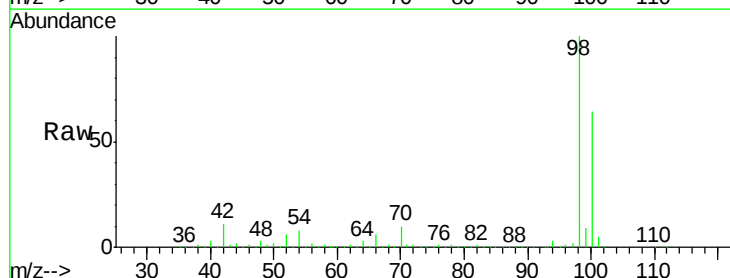


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

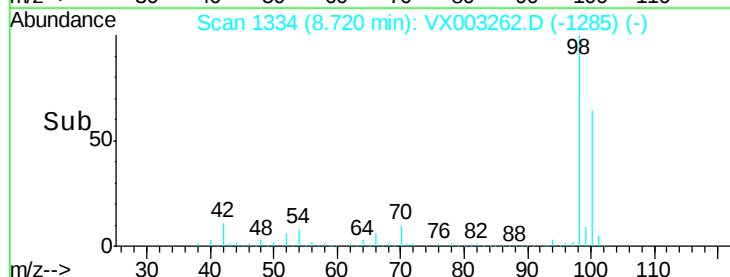
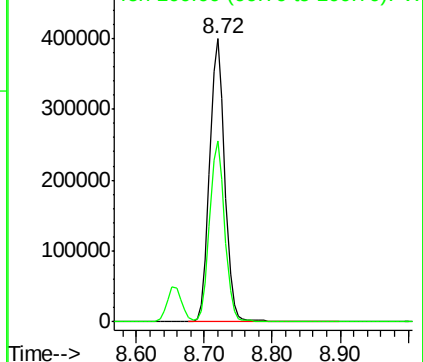


#50
Toluene-d8
Concen: 50.56 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

Tgt Ion: 98 Resp: 616809
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

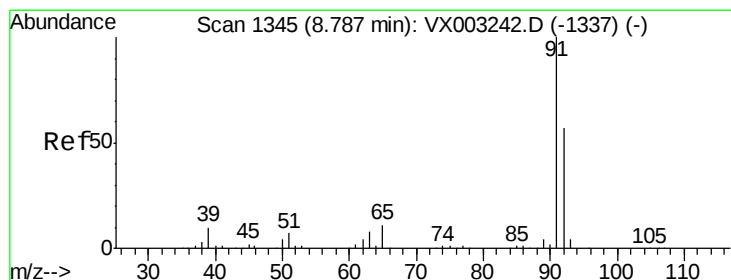
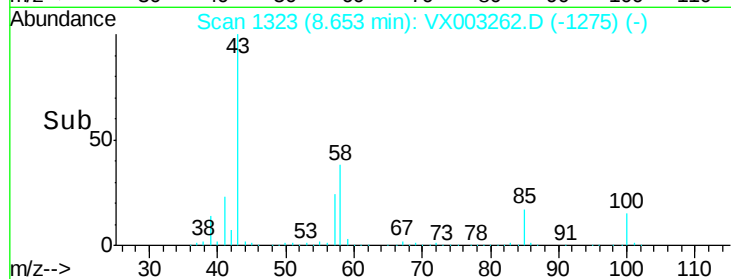
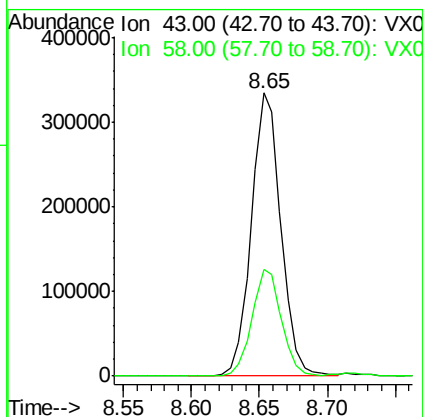
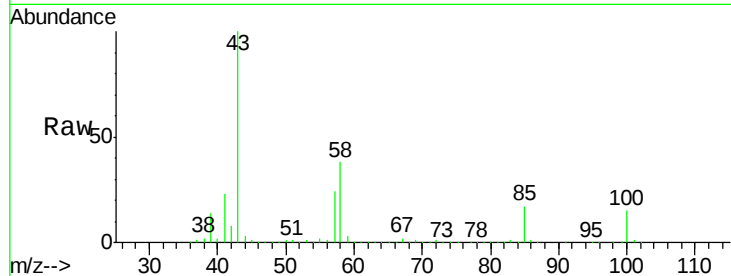




#51
4-Methyl-2-Pentanone
Concen: 105.25 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

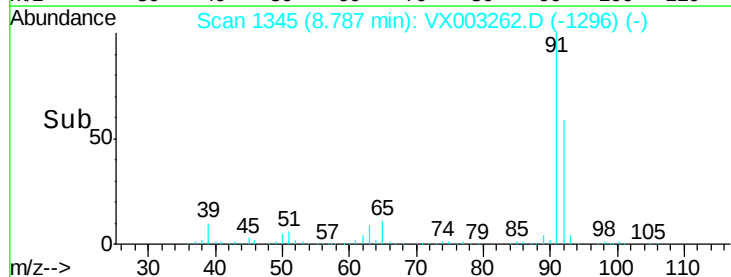
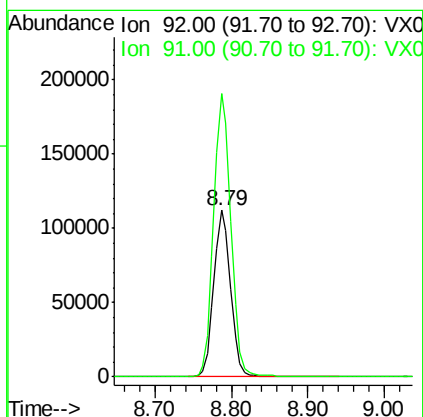
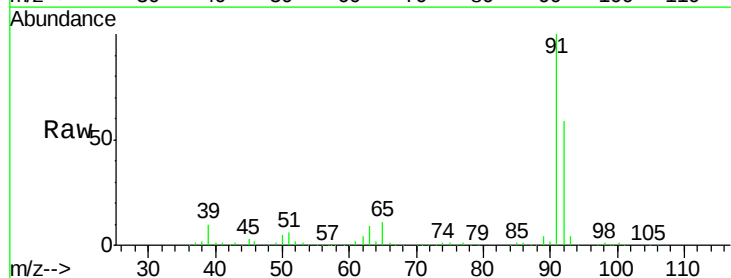
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

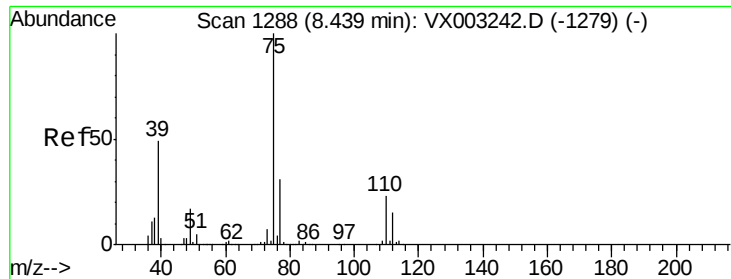
Tot Ion: 43 Resp: 510430
Ion Ratio Lower Upper
43 100
58 37.5 28.6 42.8



#52
Toluene
Concen: 20.29 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

Tgt Ion: 92 Resp: 172011
Ion Ratio Lower Upper
92 100
91 174.1 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 18.70 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

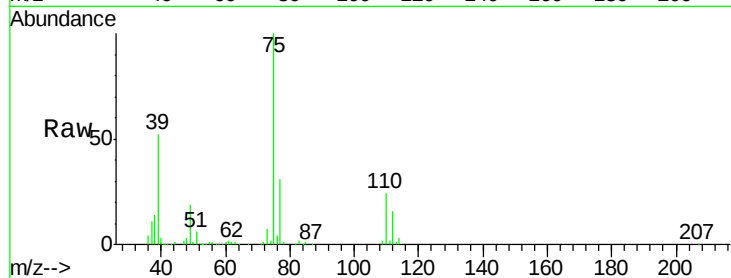
VX0709WBSD01

Tot Ion: 75 Resp: 96504

Ion Ratio Lower Upper

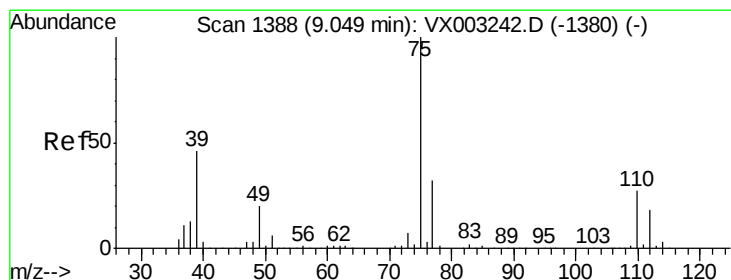
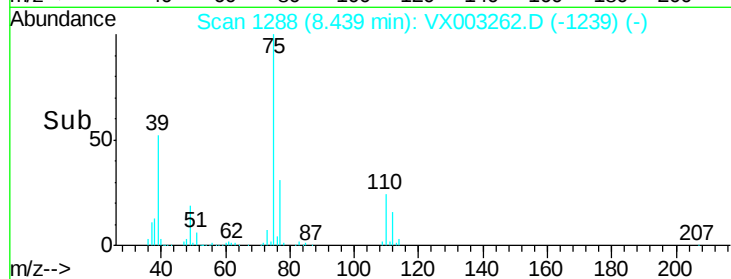
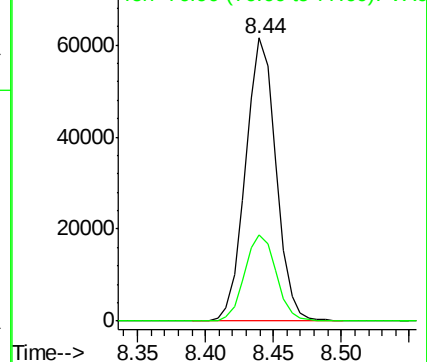
75 100

77 30.6 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.60 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

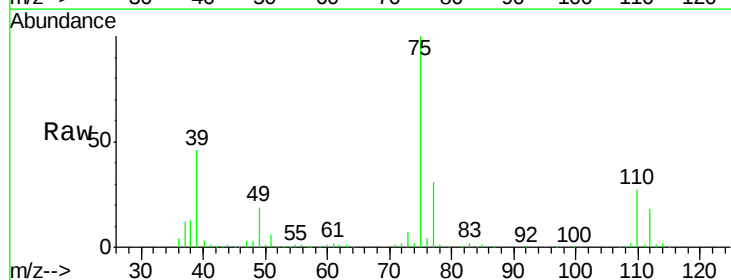
Tgt Ion: 75 Resp: 87359

Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

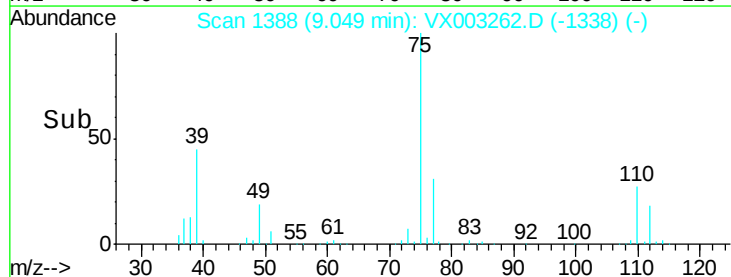
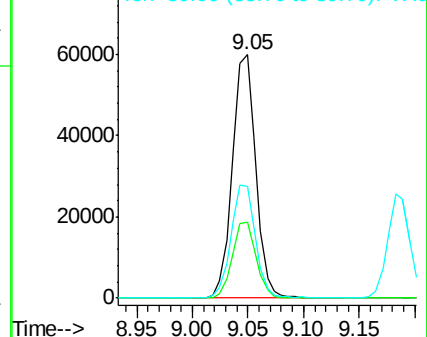
39 45.6 42.4 63.6

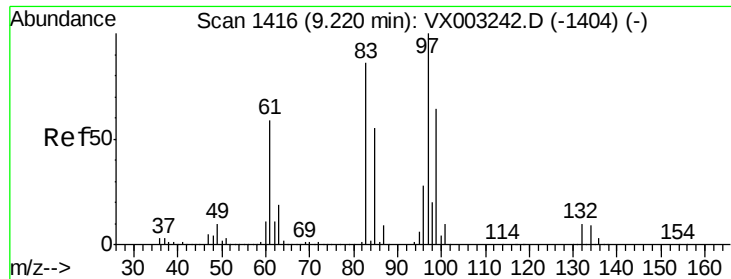


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



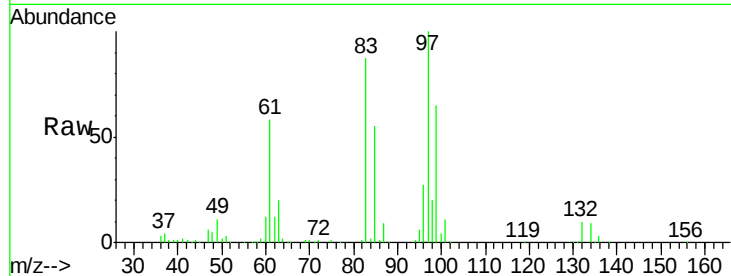


#55
 1,1,2-Trichloroethane
 Concen: 19.76 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

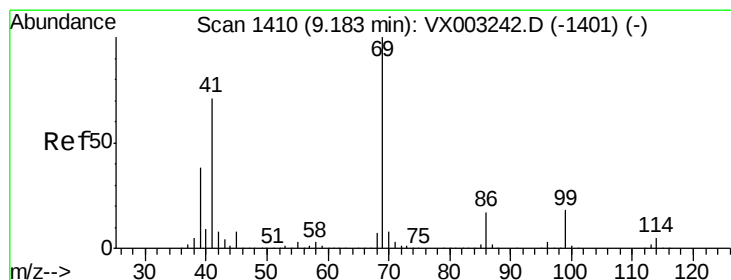
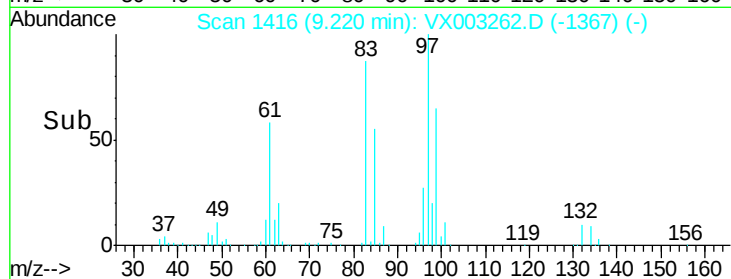
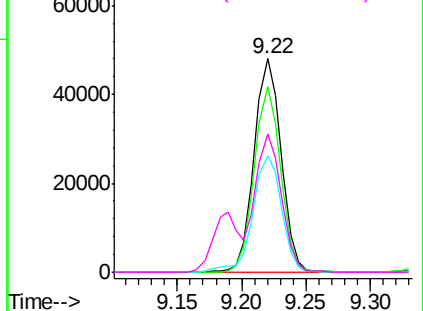
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Tot Ion: 97 Resp: 69485

Ion	Ratio	Lower	Upper
97	100		
83	86.8	70.2	105.2
85	54.6	44.9	67.3
99	64.8	49.8	74.8



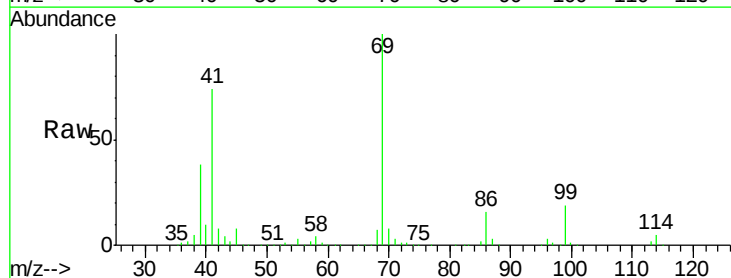
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



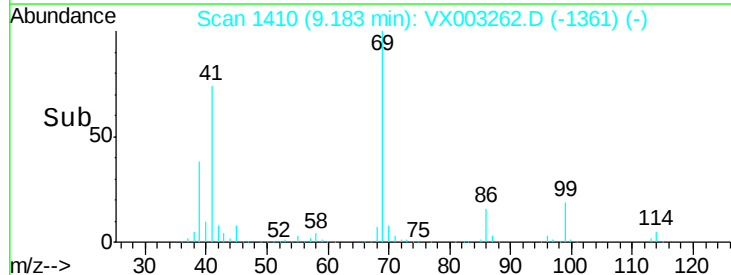
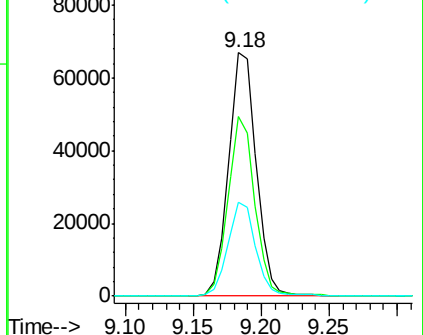
#56
 Ethyl methacrylate
 Concen: 19.70 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

Tgt Ion: 69 Resp: 94903

Ion	Ratio	Lower	Upper
69	100		
41	71.1	60.3	90.5
39	38.0	35.8	53.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.84 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

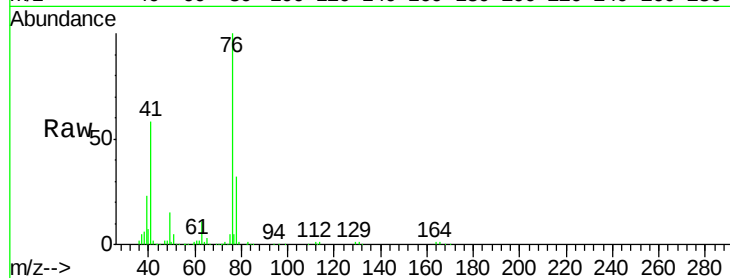
VX0709WBSD01

Tot Ion: 76 Resp: 112405

Ion Ratio Lower Upper

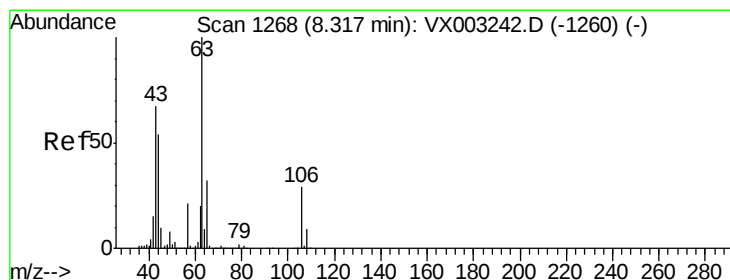
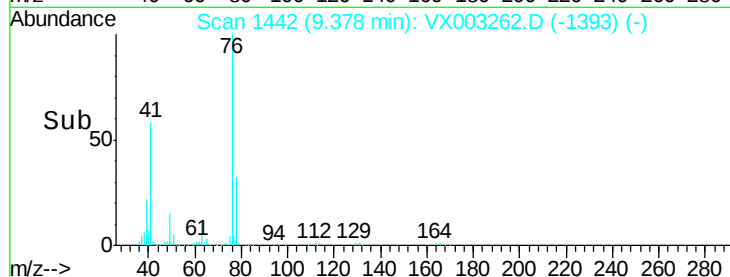
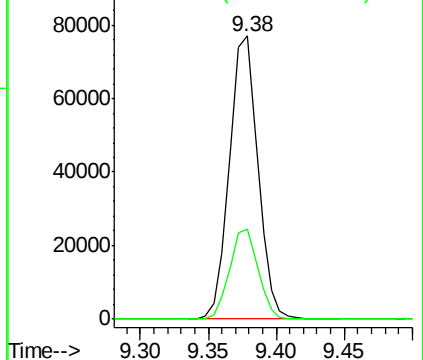
76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 106.53 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003262.D

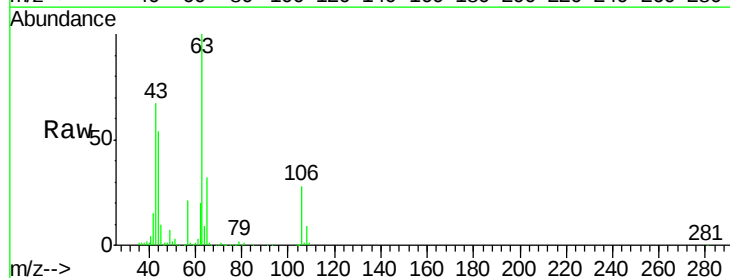
Acq: 09 Jul 2018 23:37

Tgt Ion: 63 Resp: 247526

Ion Ratio Lower Upper

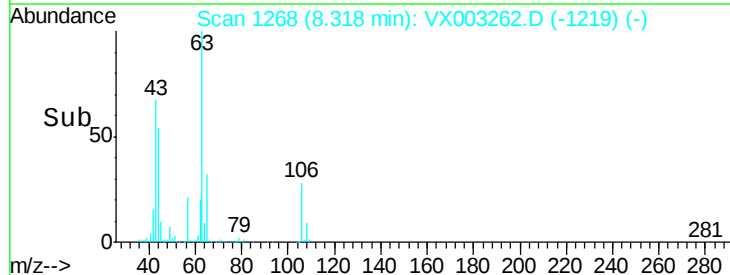
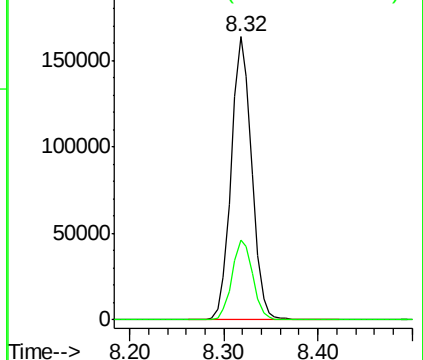
63 100

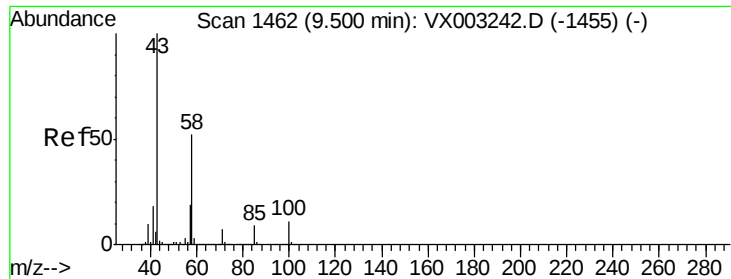
106 28.7 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

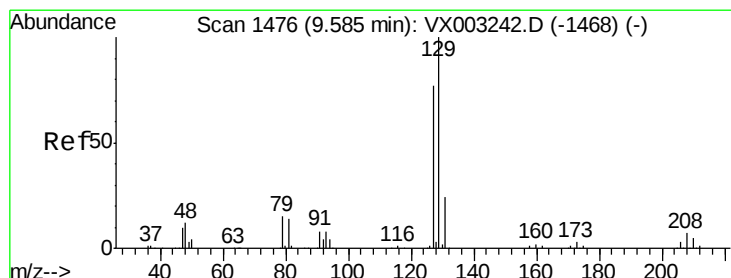
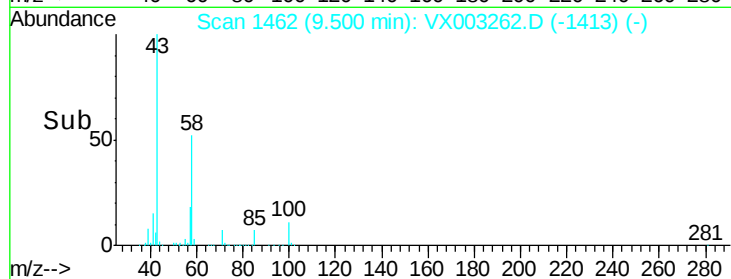
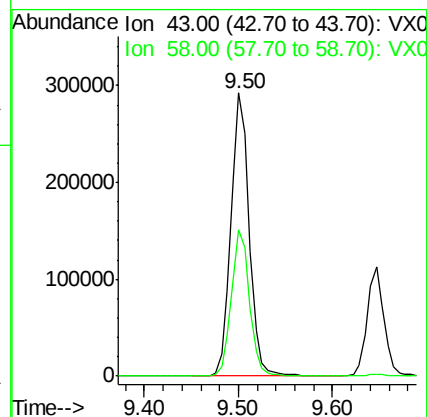
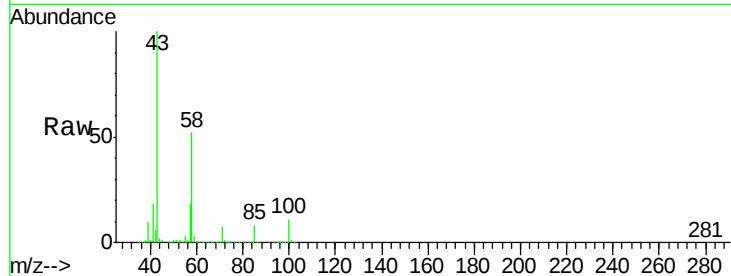




#59
2-Hexanone
Concen: 107.05 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

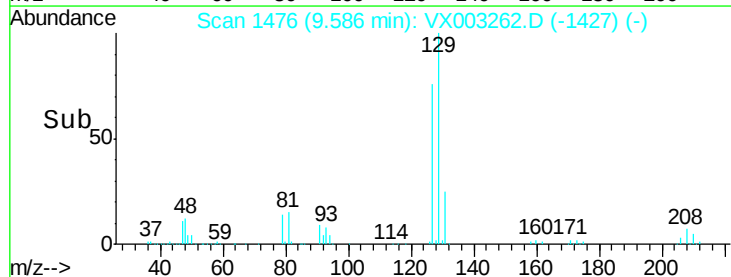
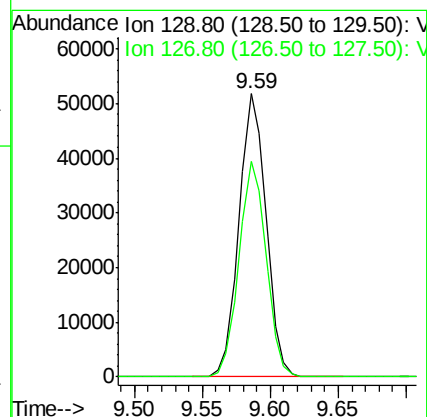
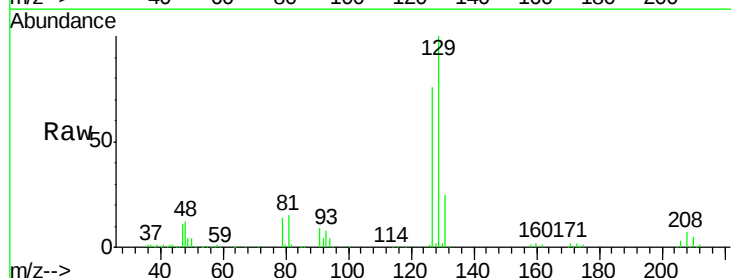
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

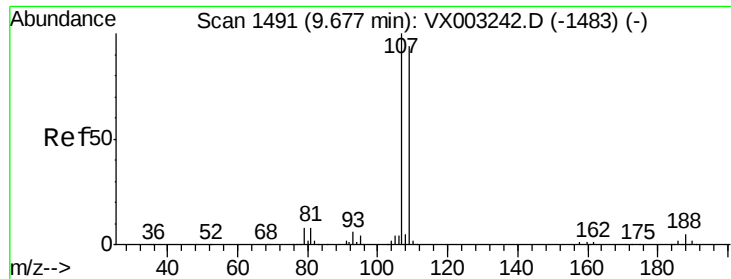
Tot Ion: 43 Resp: 394359
Ion Ratio Lower Upper
43 100
58 51.5 24.6 73.6



#60
Dibromochloromethane
Concen: 19.60 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

Tgt Ion: 129 Resp: 71964
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.90 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

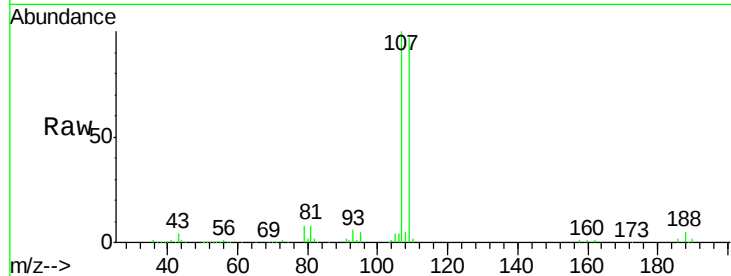
VX0709WBSD01

Tot Ion:107 Resp: 73360

Ion Ratio Lower Upper

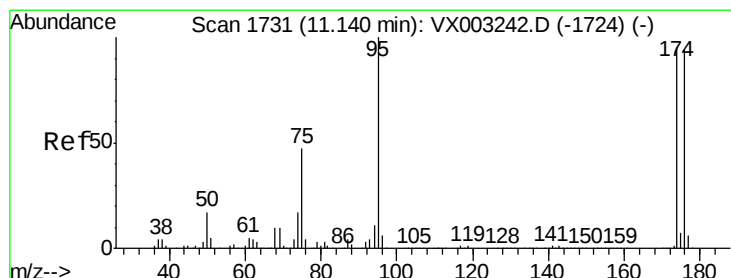
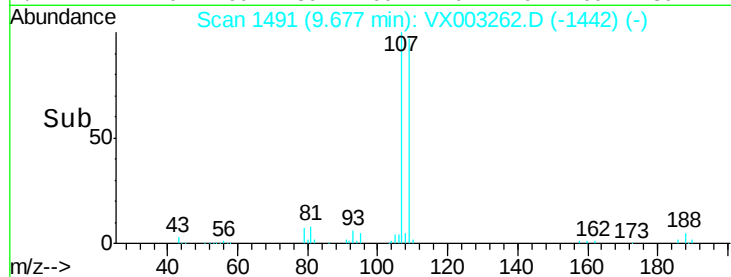
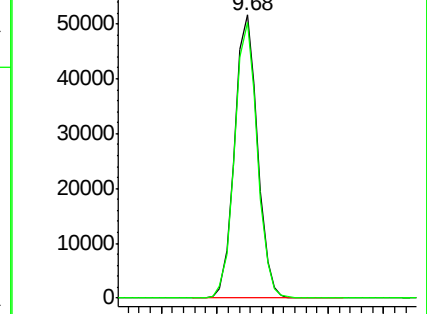
107 100

109 96.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

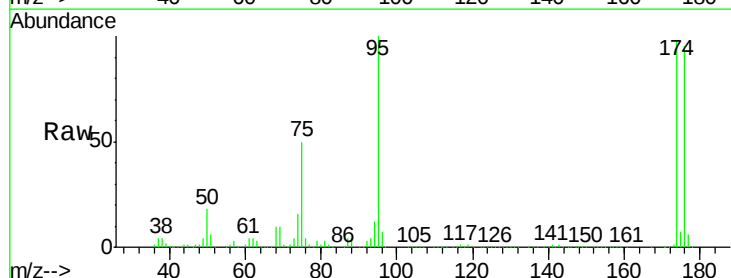
Tgt Ion: 95 Resp: 225270

Ion Ratio Lower Upper

95 100

174 101.1 0.0 187.4

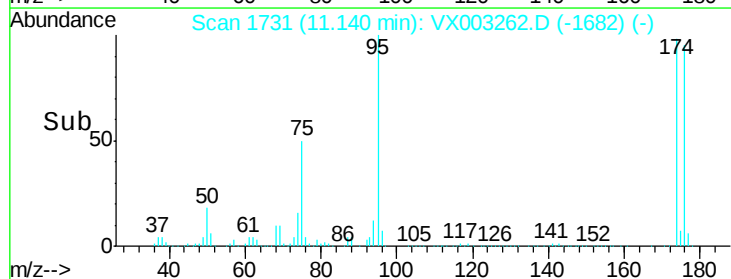
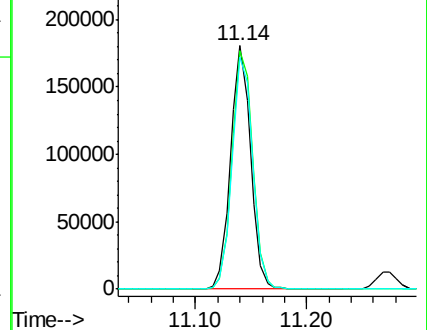
176 98.0 0.0 181.0

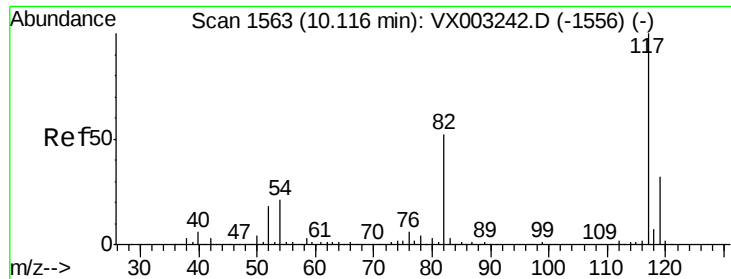


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

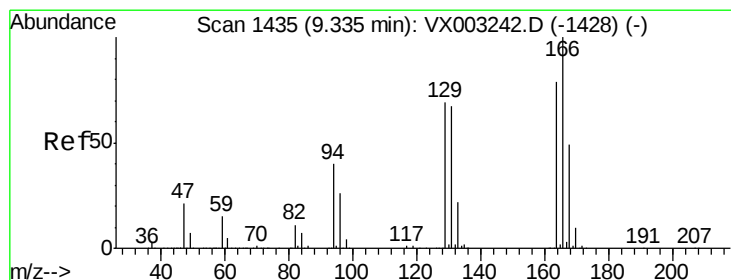
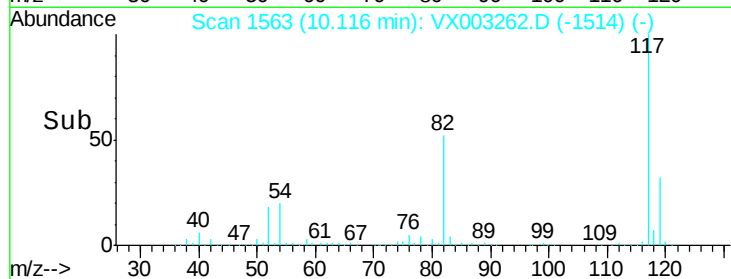
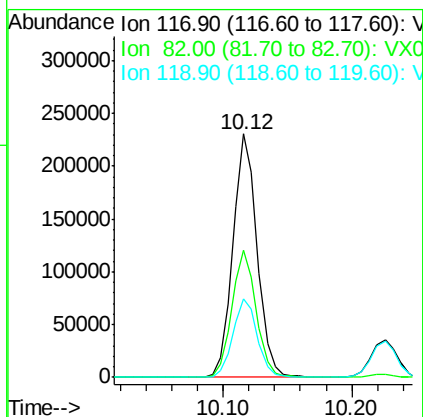
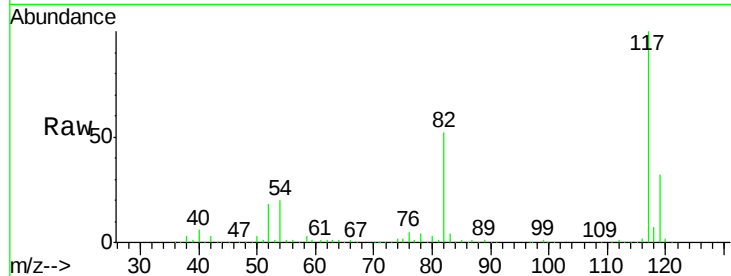




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

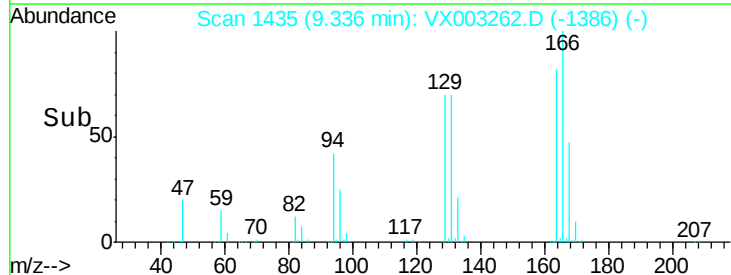
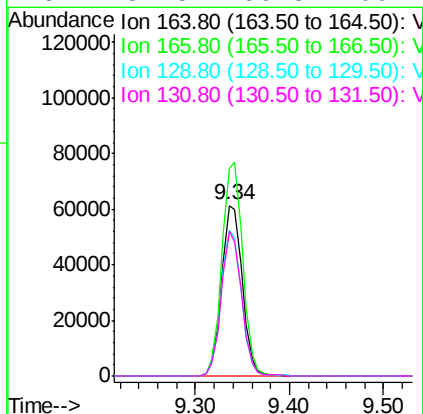
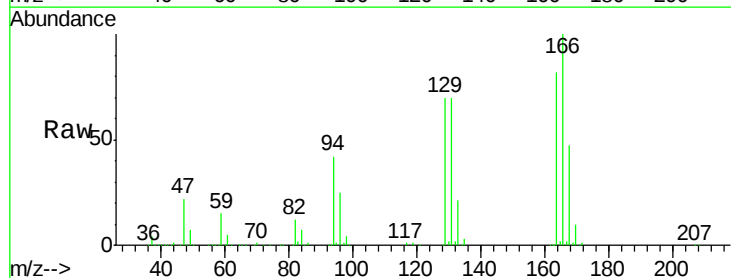
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

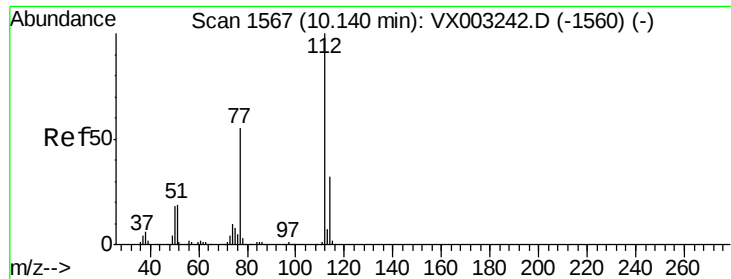
Tot Ion:117 Resp: 302866
Ion Ratio Lower Upper
117 100
82 52.0 45.0 67.4
119 32.1 25.8 38.6



#64
Tetrachloroethene
Concen: 20.32 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

Tgt Ion:164 Resp: 93057
Ion Ratio Lower Upper
164 100
166 121.3 102.9 154.3
129 85.5 68.6 102.8
131 84.5 66.8 100.2





#65

Chlorobenzene

Concen: 19.66 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

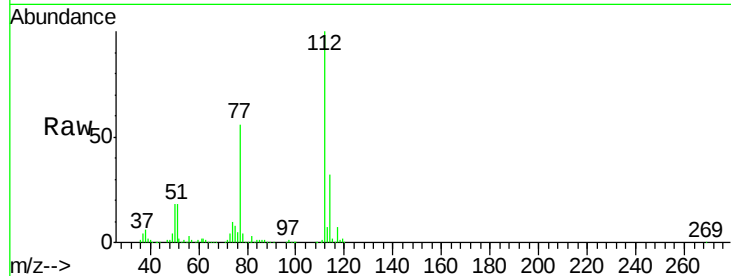
VX0709WBSD01

Tot Ion:112 Resp: 202289

Ion Ratio Lower Upper

112 100

114 32.3 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

150000

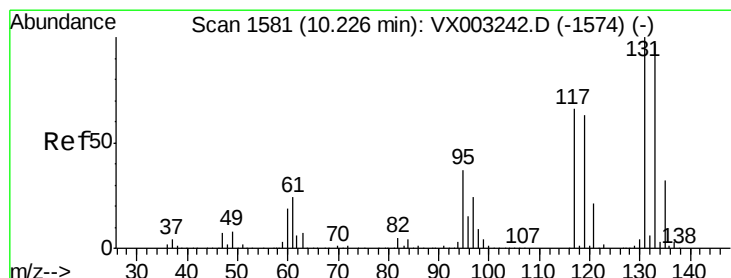
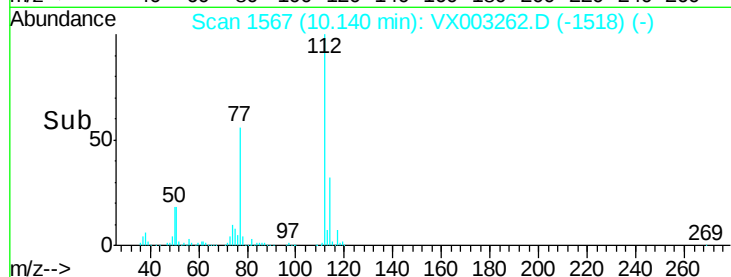
100000

50000

0

Time-->

10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 19.90 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

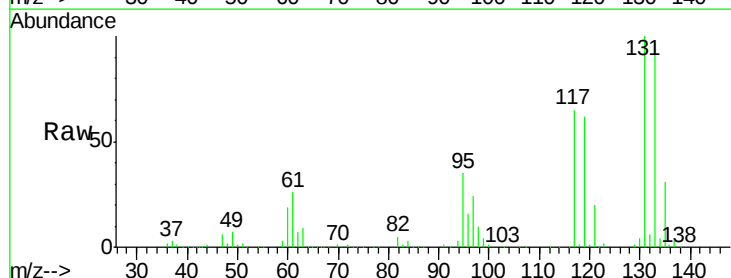
Tgt Ion:131 Resp: 73896

Ion Ratio Lower Upper

131 100

133 95.7 47.9 143.6

119 63.1 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

60000

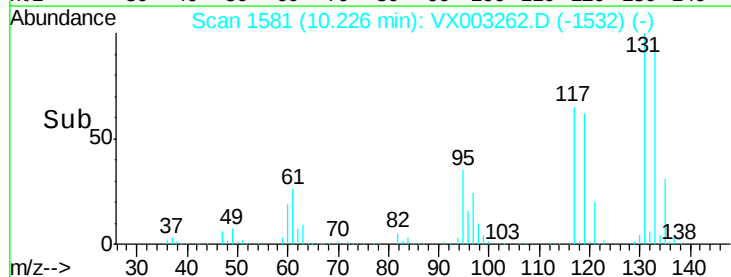
40000

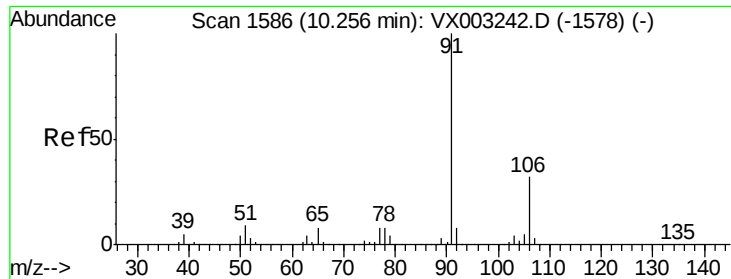
20000

0

Time-->

10.15 10.20 10.25 10.30





#67

Ethyl Benzene

Concen: 19.77 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampled :

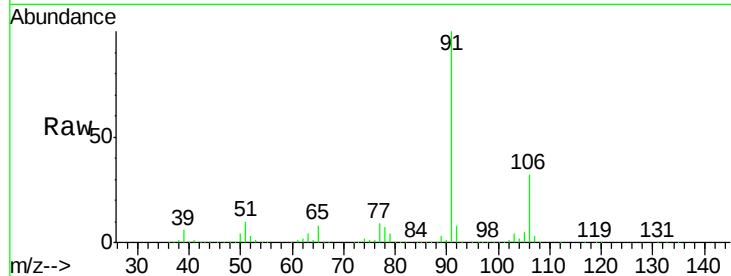
VX0709WBSD01

Tot Ion: 91 Resp: 329052

Ion Ratio Lower Upper

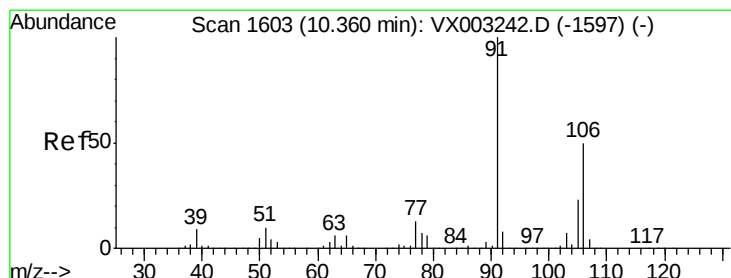
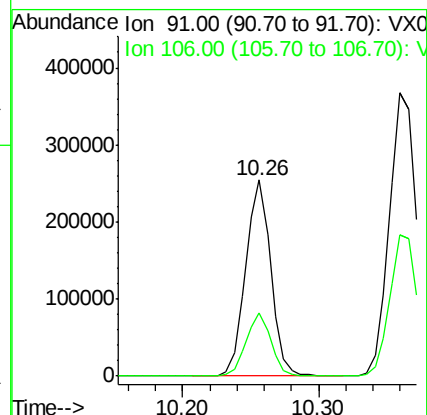
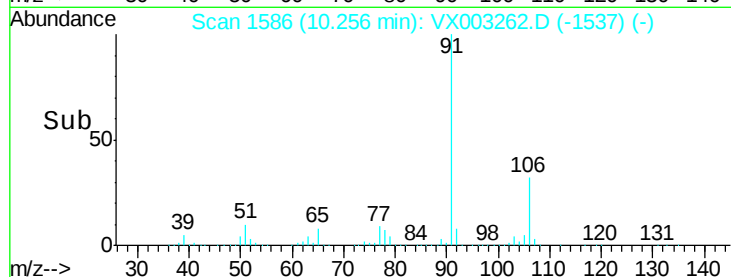
91 100

106 31.9 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.29 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003262.D

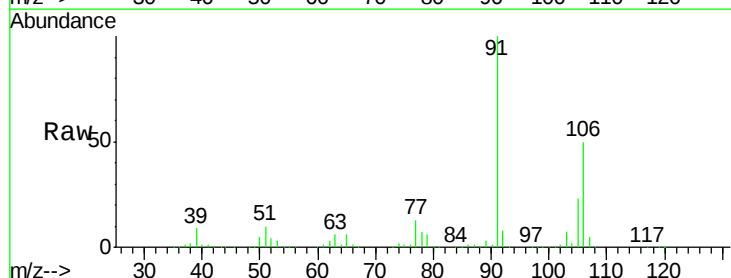
Acq: 09 Jul 2018 23:37

Tgt Ion: 106 Resp: 260862

Ion Ratio Lower Upper

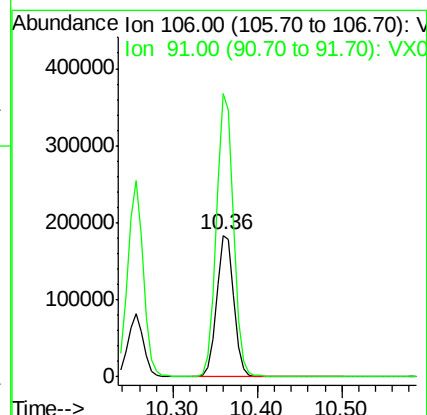
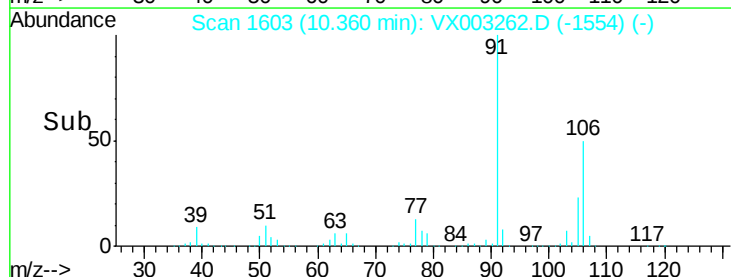
106 100

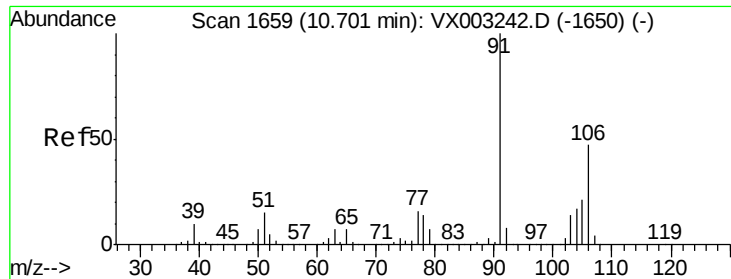
91 199.0 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

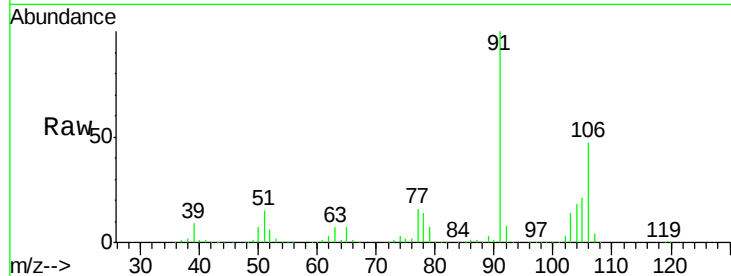




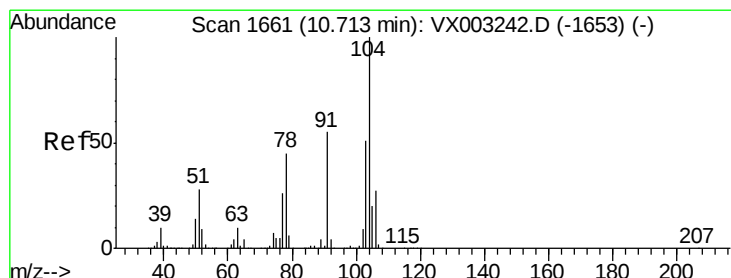
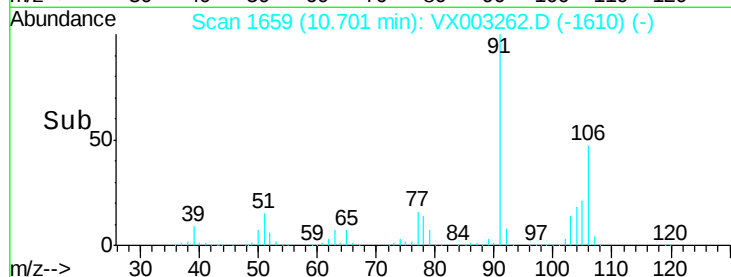
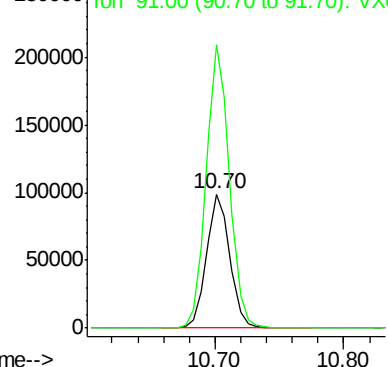
#69
o-Xylene
Concen: 19.90 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

Tot Ion:106 Resp: 124836
Ion Ratio Lower Upper
106 100
91 210.6 108.2 324.6

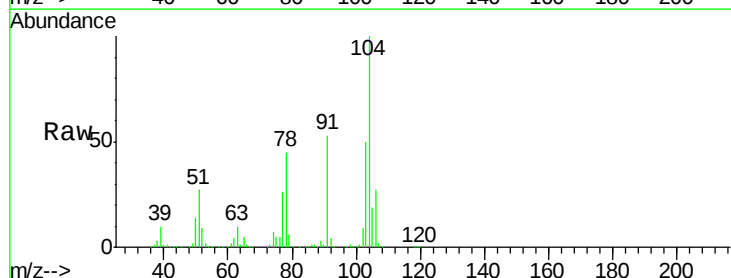


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

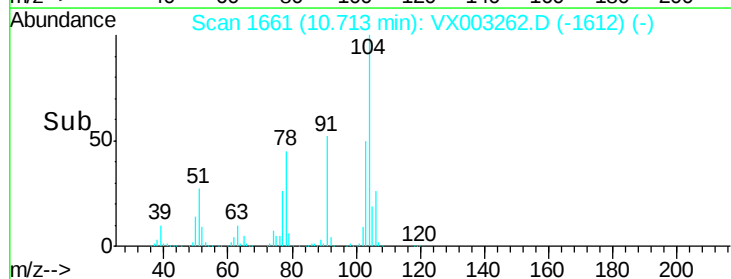
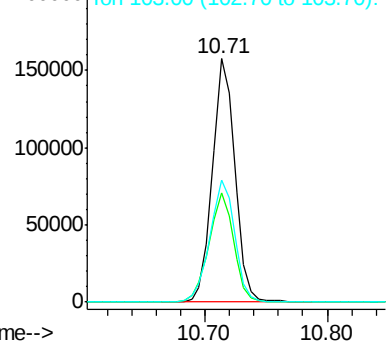


#70
Styrene
Concen: 19.74 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

Tgt Ion:104 Resp: 200781
Ion Ratio Lower Upper
104 100
78 49.5 41.0 61.6
103 55.3 44.2 66.4



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





#71

Bromoform

Concen: 18.66 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

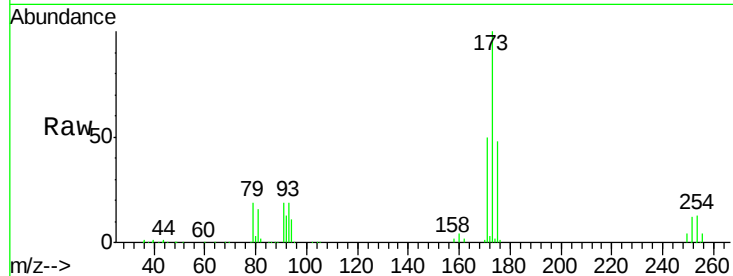
Tot Ion:173 Resp: 56998

Ion Ratio Lower Upper

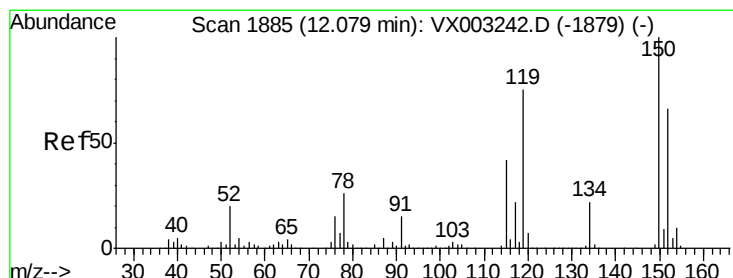
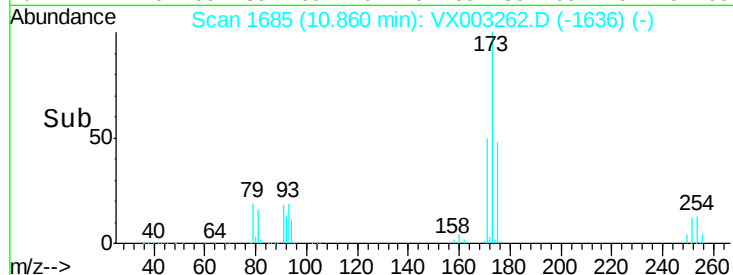
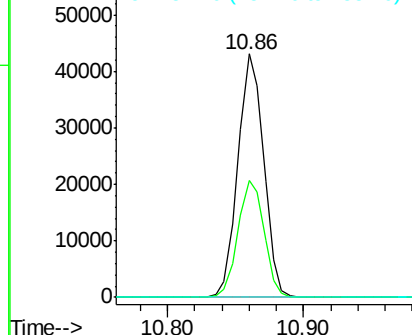
173 100

175 48.7 24.7 74.1

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

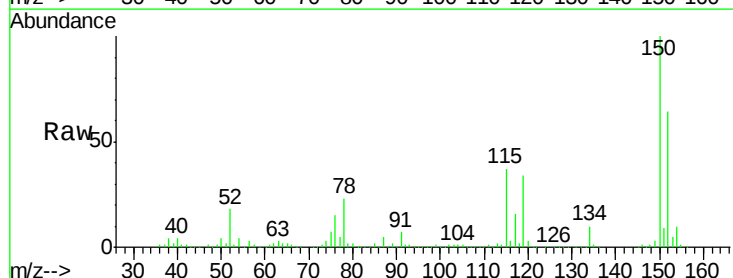
Tgt Ion:152 Resp: 209488

Ion Ratio Lower Upper

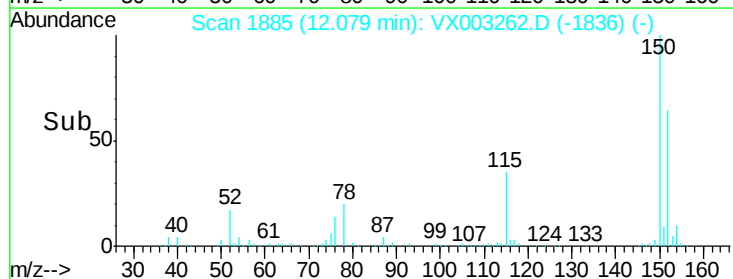
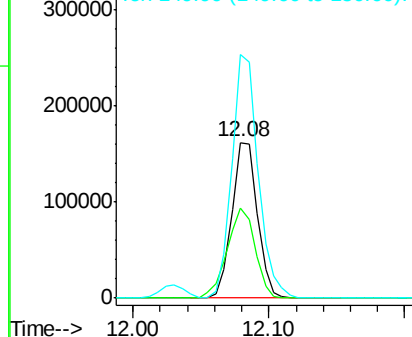
152 100

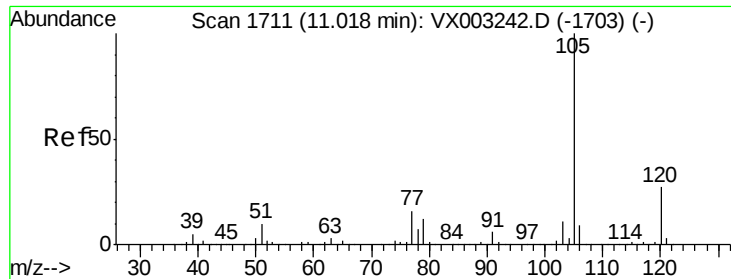
115 63.8 40.1 120.2

150 163.2 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

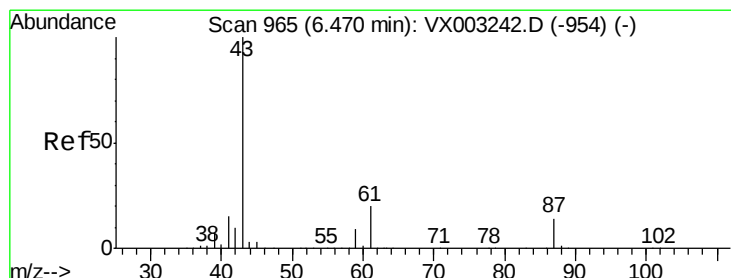
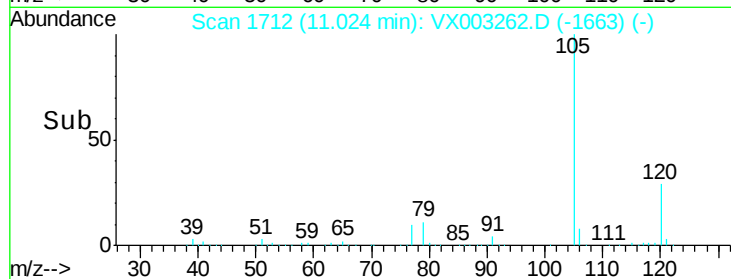
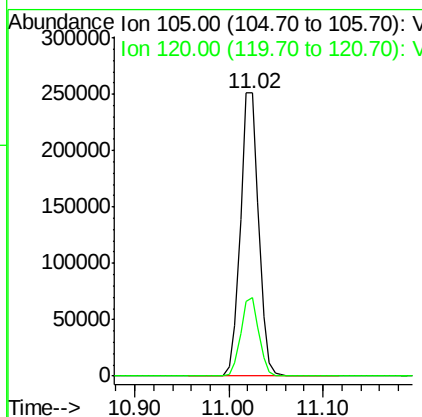
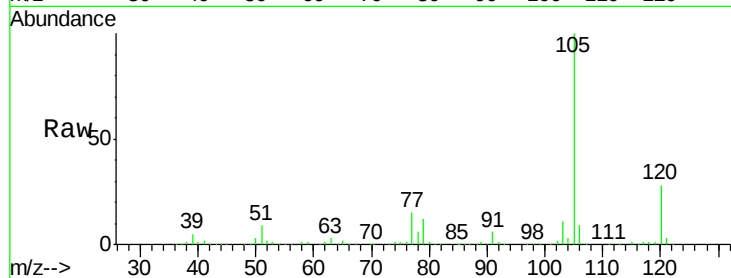




#73
Isopropylbenzene
Concen: 20.38 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

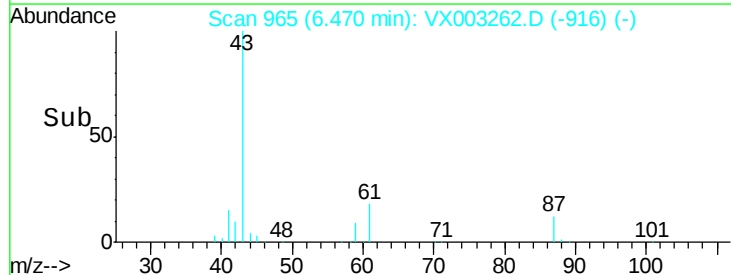
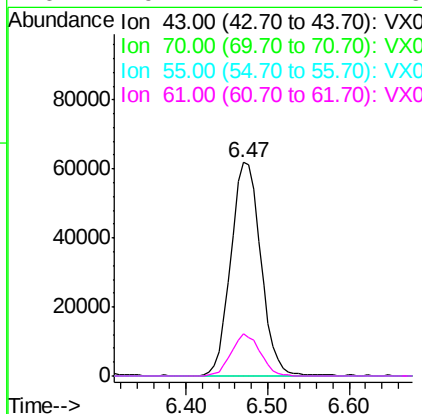
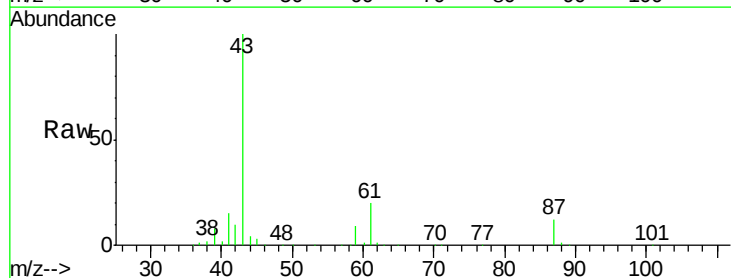
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

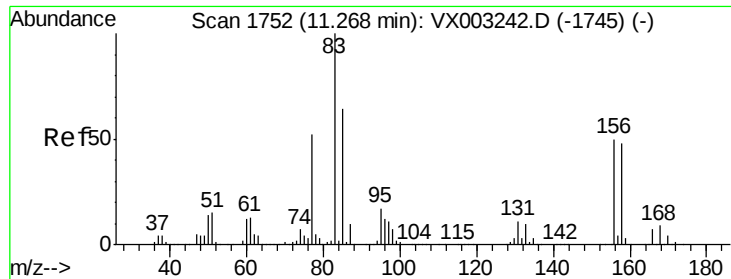
Tot Ion:105 Resp: 337075
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.4



#74
N-ethyl acetate
Concen: 19.78 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

Tgt Ion: 43 Resp: 156079
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0#
55 0.0 0.0 0.0
61 19.2 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 20.24 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

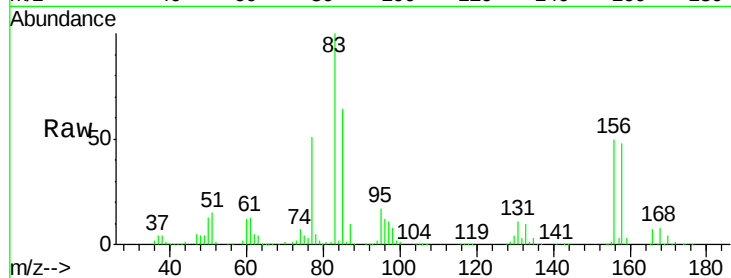
Tot Ion: 83 Resp: 103839

Ion Ratio Lower Upper

83 100

131 11.5 5.6 16.8

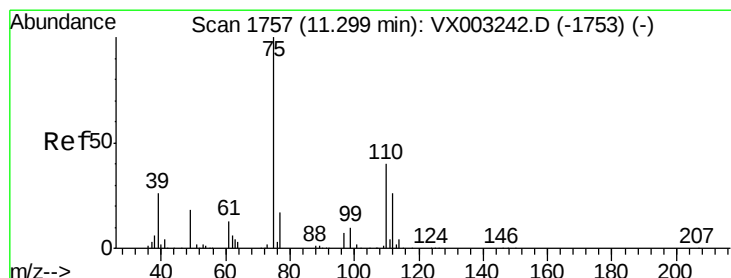
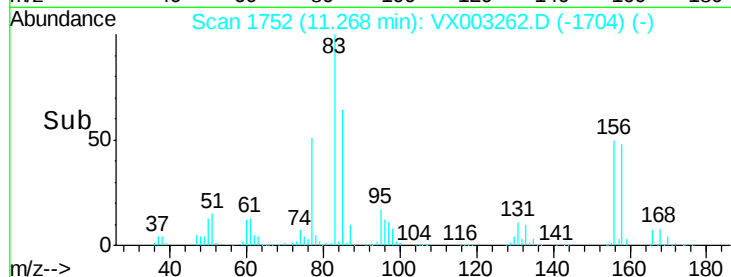
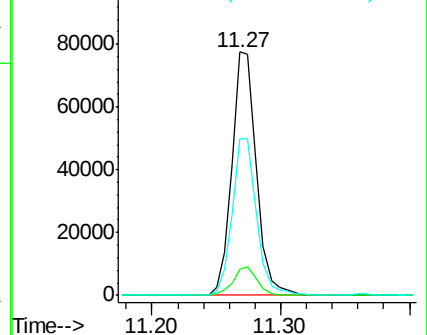
85 64.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.75 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003262.D

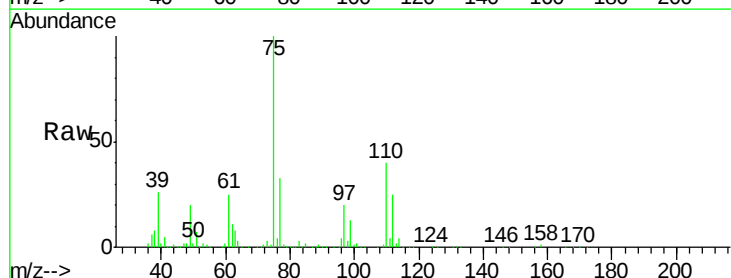
Acq: 09 Jul 2018 23:37

Tgt Ion: 75 Resp: 112043

Ion Ratio Lower Upper

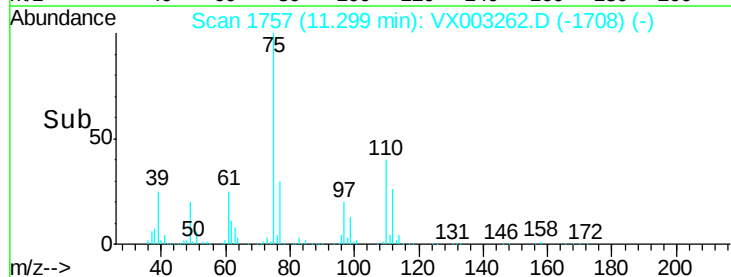
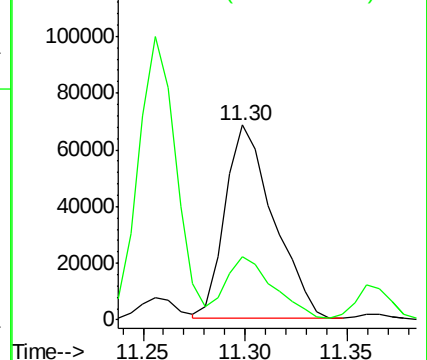
75 100

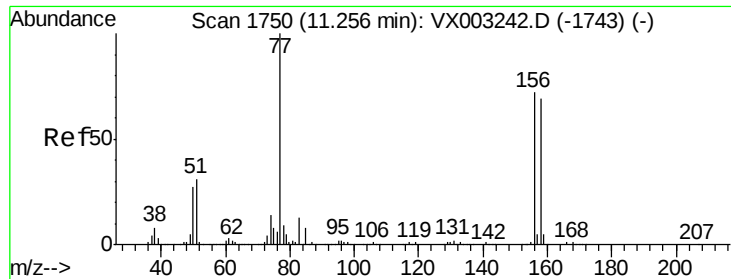
77 32.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.15 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampled :

VX0709WBSD01

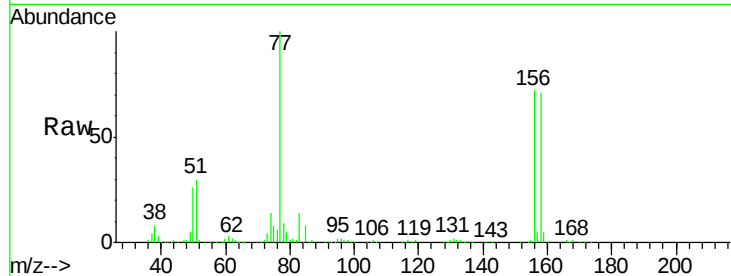
Tot Ion:156 Resp: 96214

Ion Ratio Lower Upper

156 100

77 133.0 71.4 214.2

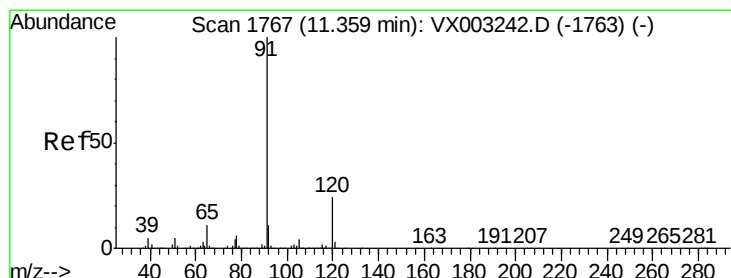
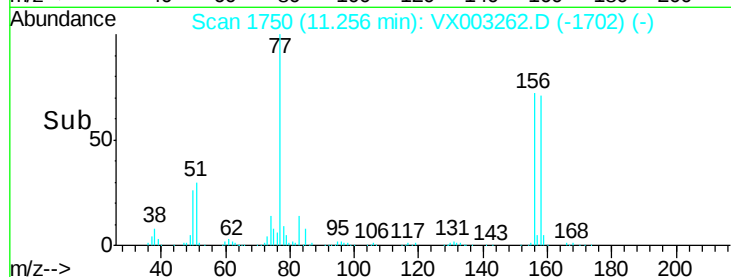
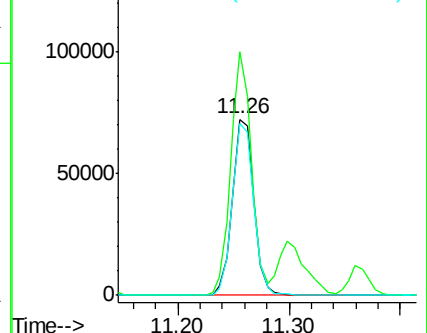
158 97.6 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.42 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003262.D

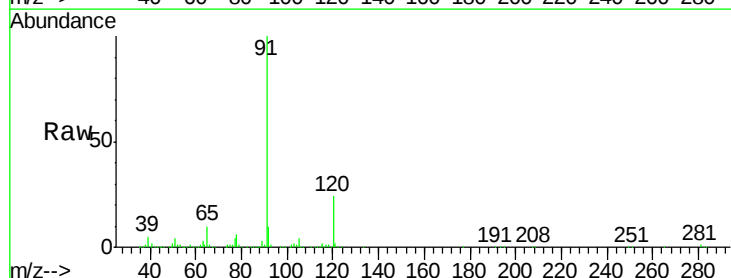
Acq: 09 Jul 2018 23:37

Tgt Ion: 91 Resp: 375576

Ion Ratio Lower Upper

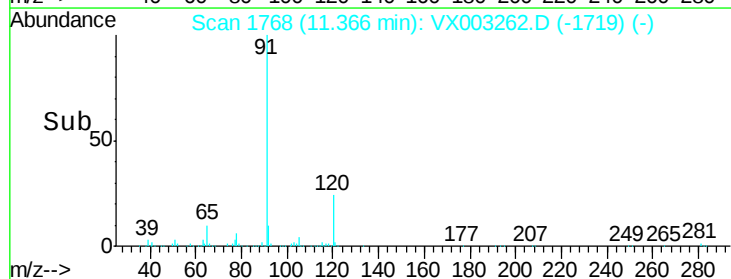
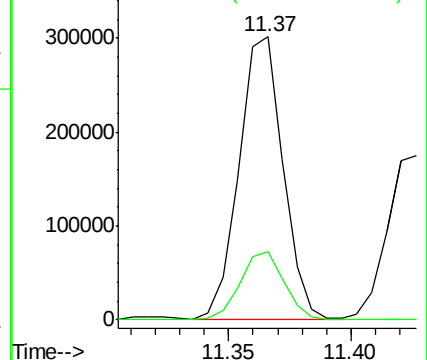
91 100

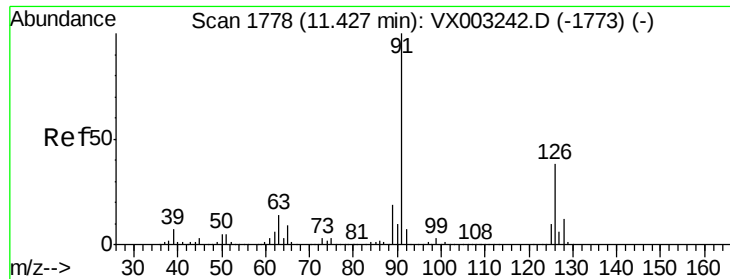
120 24.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

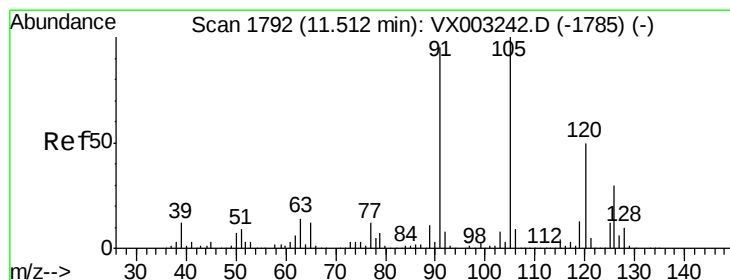
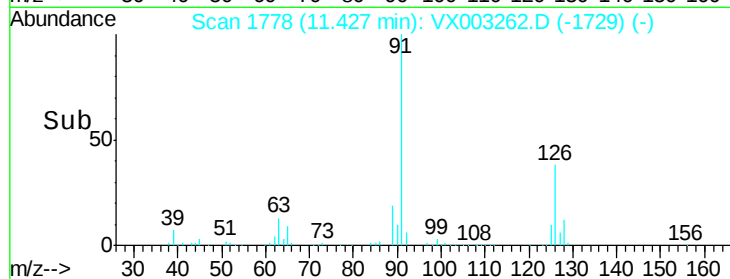
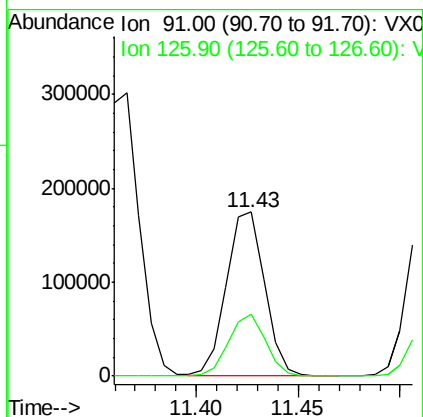
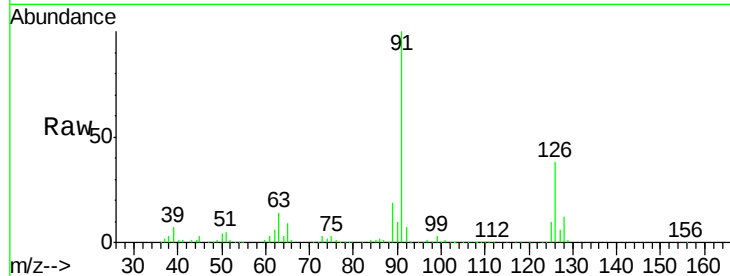




#79
2-Chlorotoluene
Concen: 20.12 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

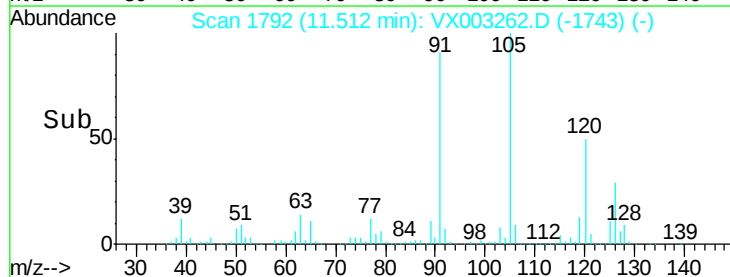
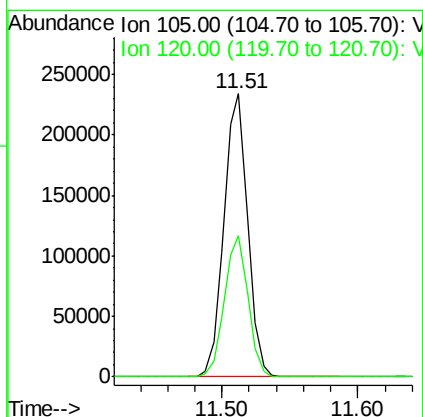
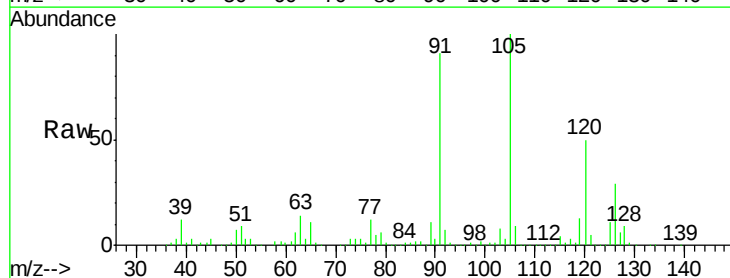
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

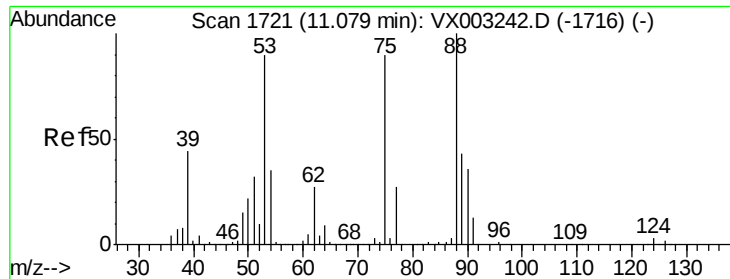
Tot Ion: 91 Resp: 225416
Ion Ratio Lower Upper
91 100
126 37.0 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 20.50 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

Tgt Ion: 105 Resp: 282273
Ion Ratio Lower Upper
105 100
120 49.9 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.54 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

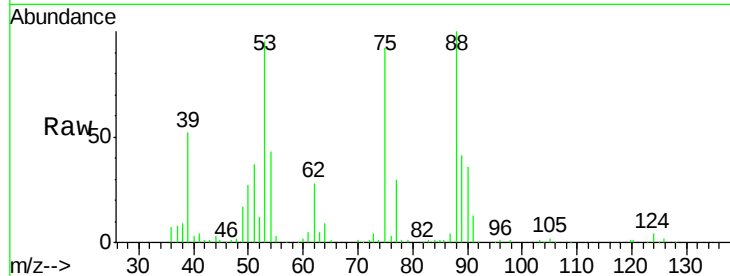
Tot Ion: 75 Resp: 24291

Ion Ratio Lower Upper

75 100

53 106.3 86.8 130.2

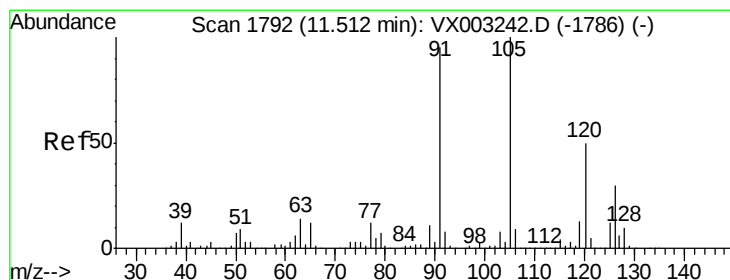
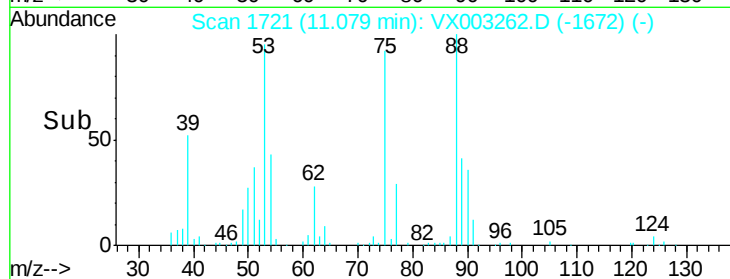
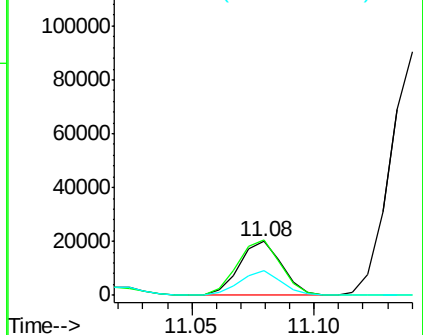
89 45.2 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.26 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003262.D

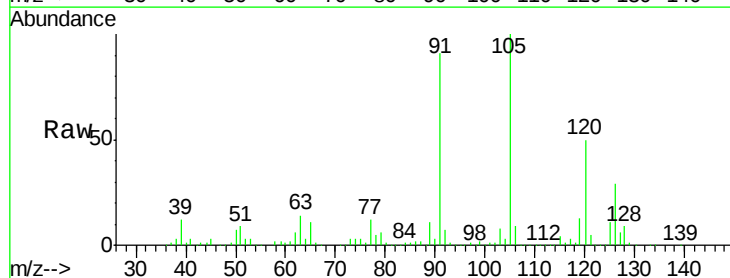
Acq: 09 Jul 2018 23:37

Tgt Ion: 91 Resp: 264988

Ion Ratio Lower Upper

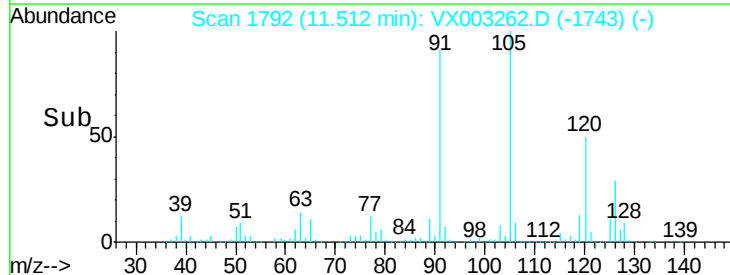
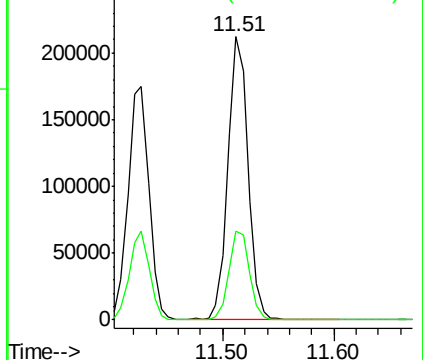
91 100

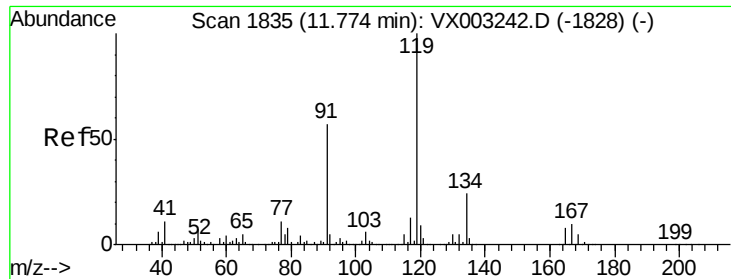
126 32.2 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

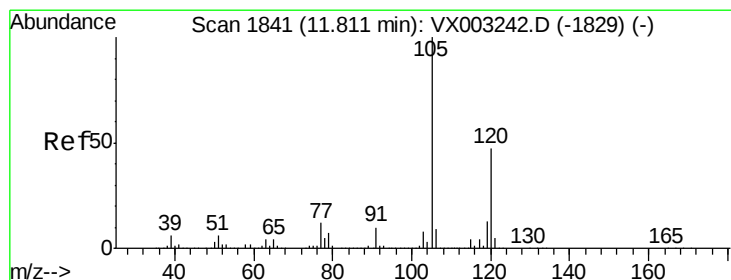
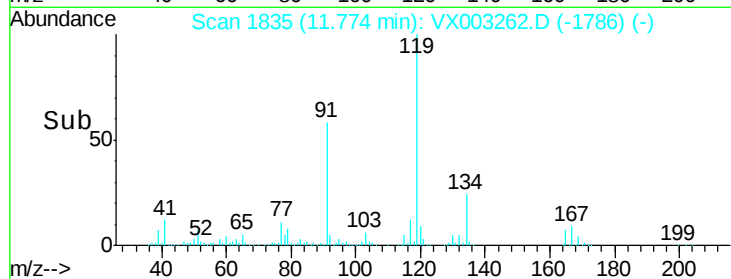
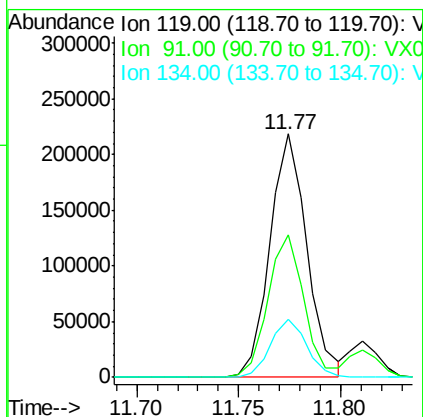
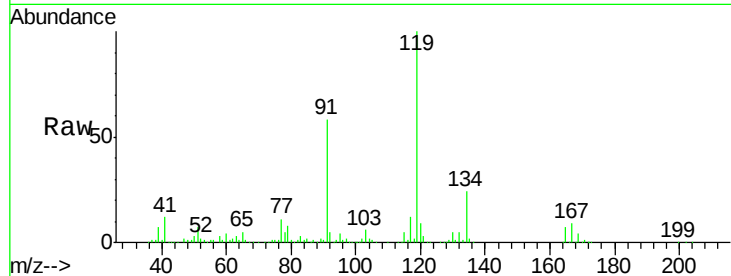




#83
 tert-Butylbenzene
 Concen: 20.06 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

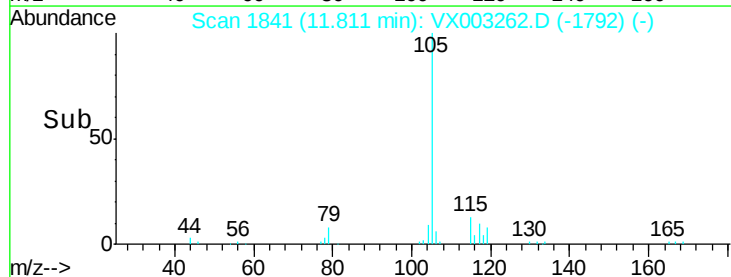
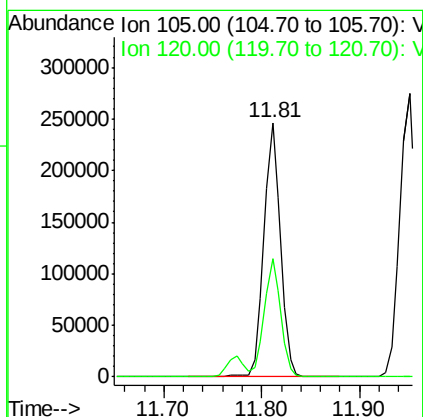
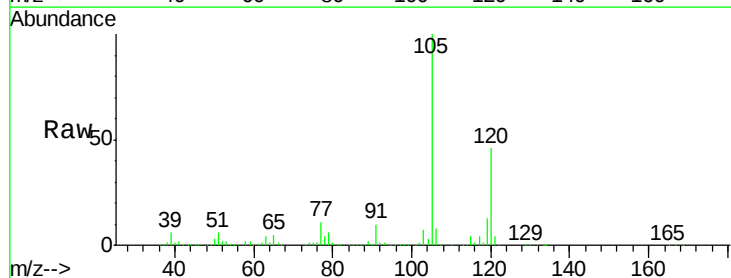
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

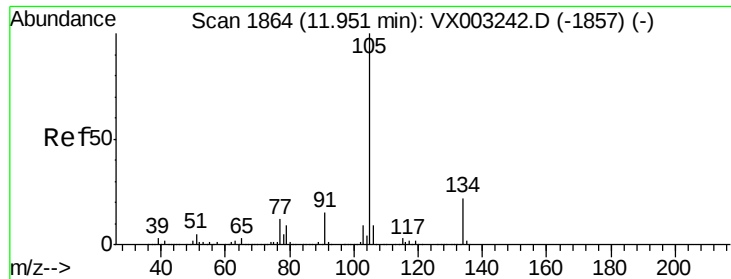
Tot Ion:119 Resp: 275981
 Ion Ratio Lower Upper
 119 100
 91 57.5 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.62 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

Tgt Ion:105 Resp: 290766
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.13 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

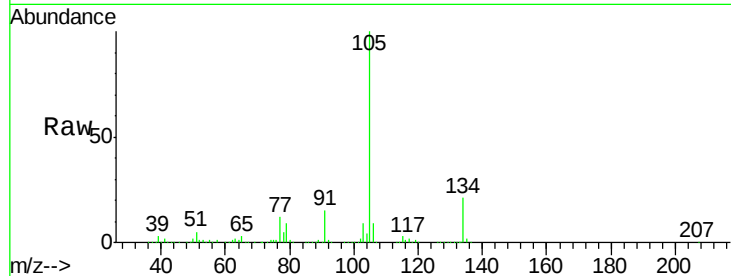
VX0709WBSD01

Tot Ion:105 Resp: 327400

Ion Ratio Lower Upper

105 100

134 21.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

300000

250000

200000

150000

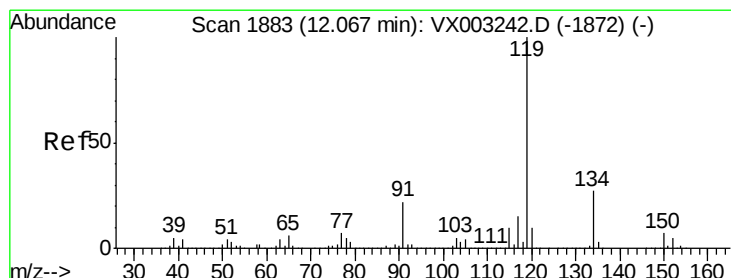
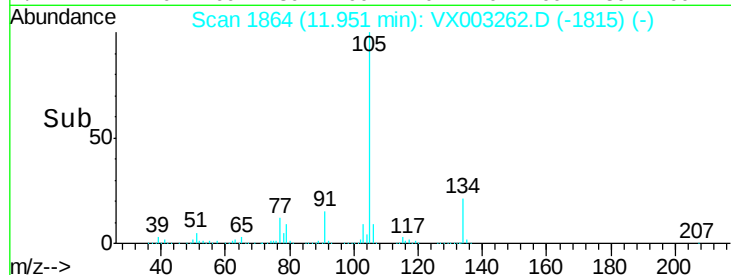
100000

50000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.84 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

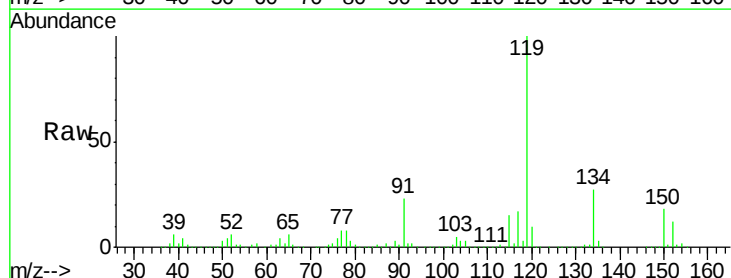
Tgt Ion:119 Resp: 293951

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 22.7 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

300000

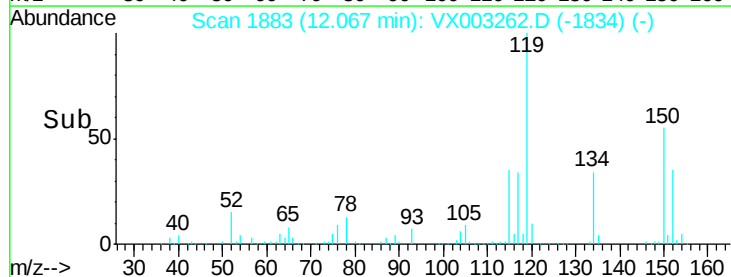
200000

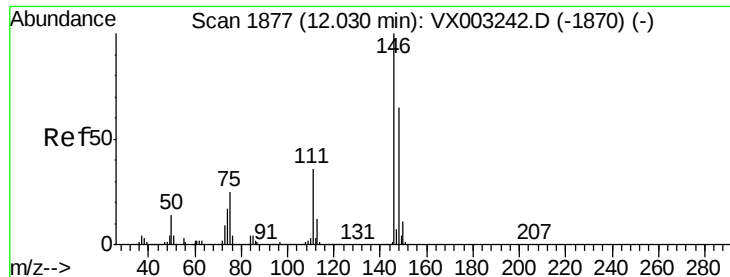
100000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 19.66 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampled :

VX0709WBSD01

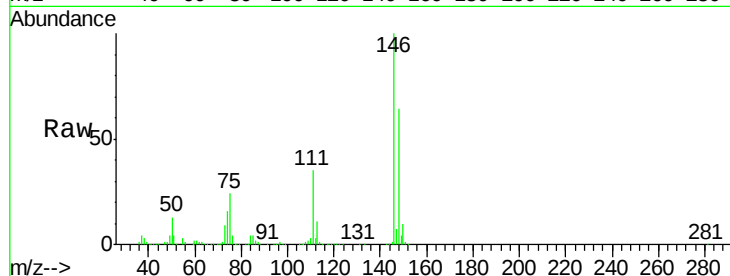
Tot Ion:146 Resp: 172233

Ion Ratio Lower Upper

146 100

111 36.3 18.9 56.7

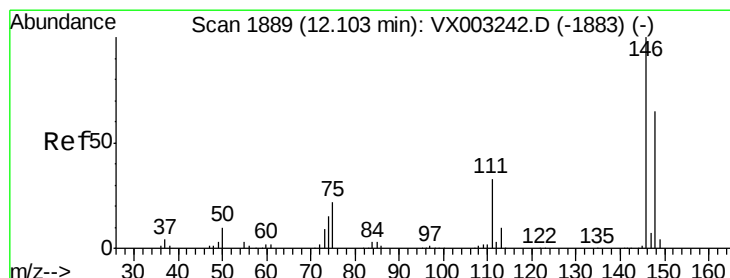
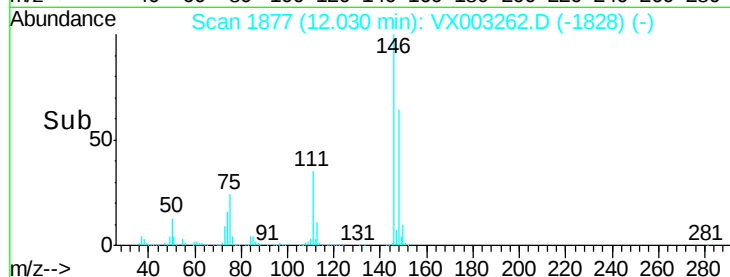
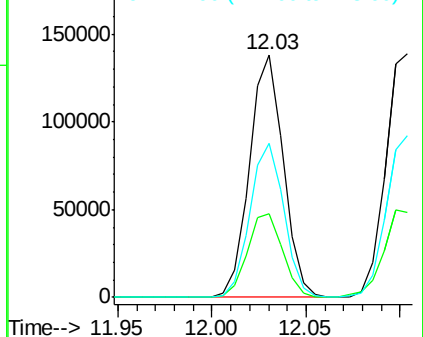
148 63.9 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.58 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

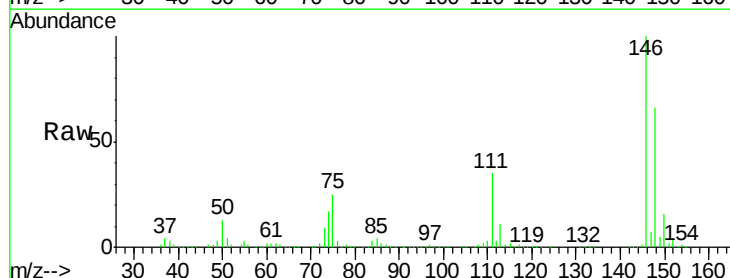
Tgt Ion:146 Resp: 173686

Ion Ratio Lower Upper

146 100

111 36.9 18.7 56.1

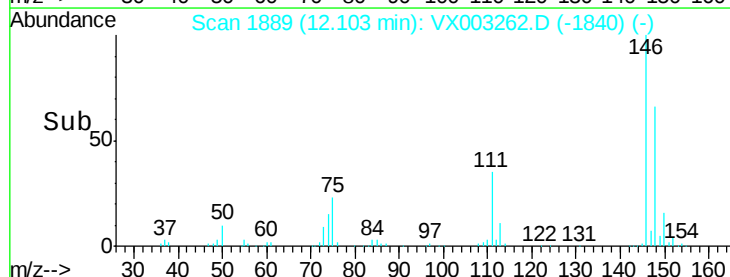
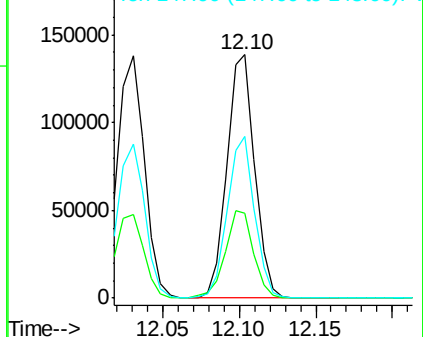
148 65.4 32.4 97.0

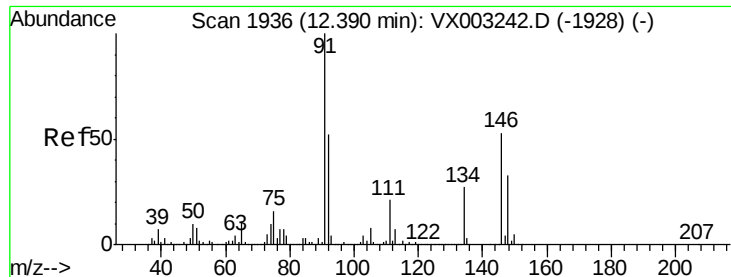


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

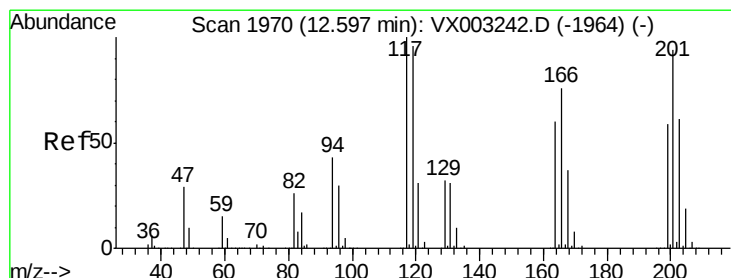
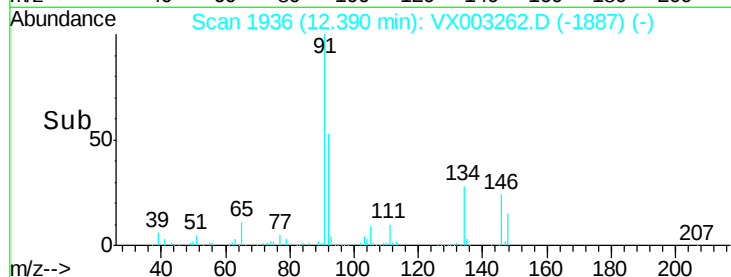
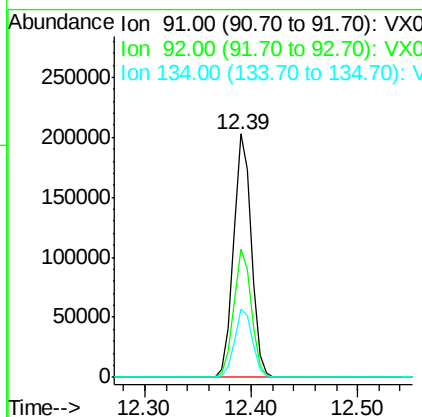
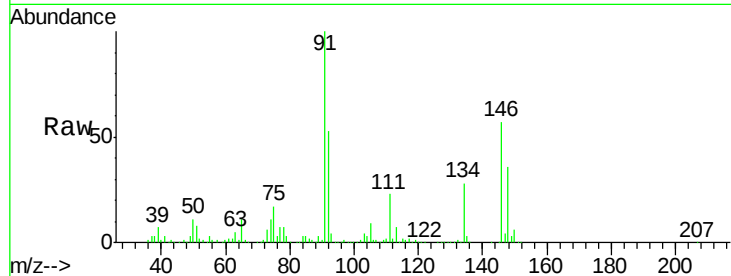




#89
n-Butylbenzene
Concen: 19.27 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

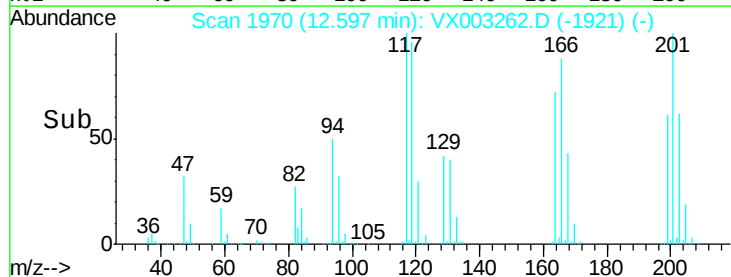
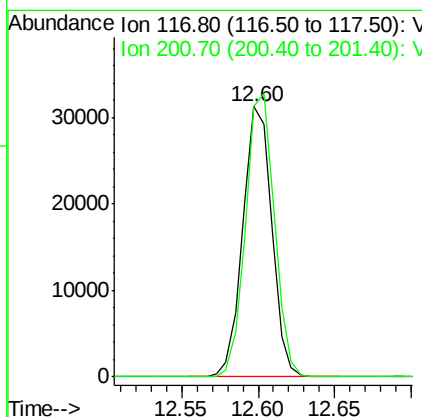
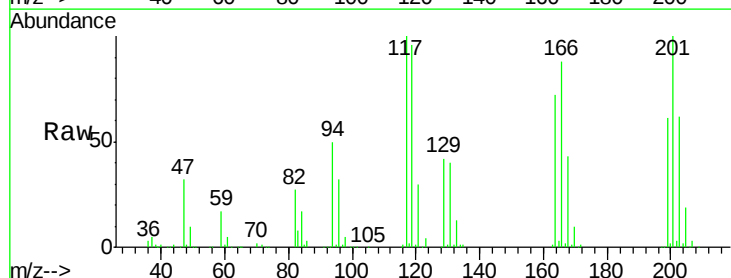
Instrument :
MSVOA_X
ClientSampleId :
VX0709WBSD01

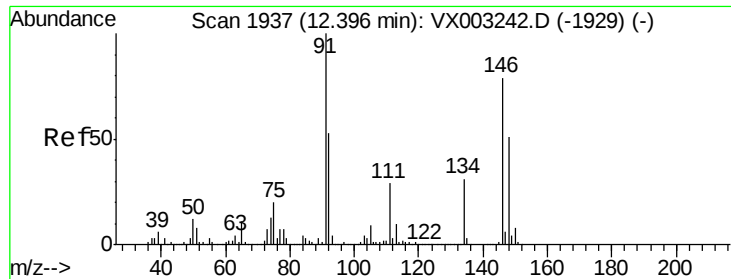
Tot Ion: 91 Resp: 238494
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 28.2 13.5 40.5



#90
Hexachloroethane
Concen: 18.22 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003262.D
Acq: 09 Jul 2018 23:37

Tgt Ion: 117 Resp: 41201
Ion Ratio Lower Upper
117 100
201 103.9 49.0 147.0

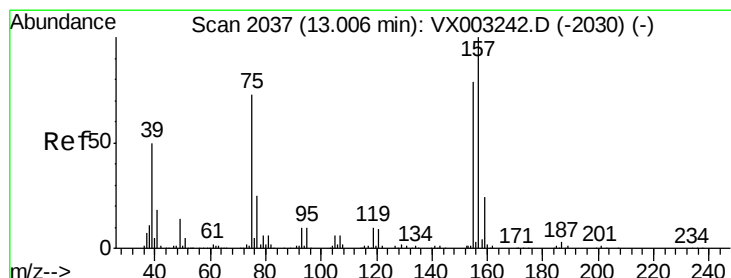
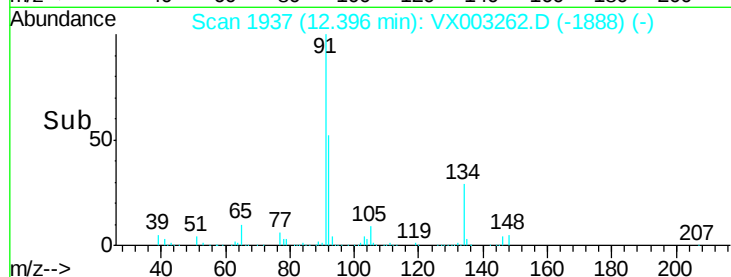
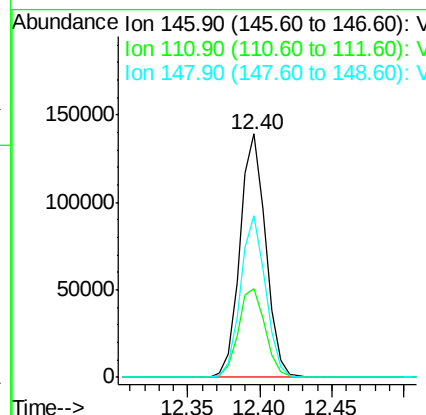
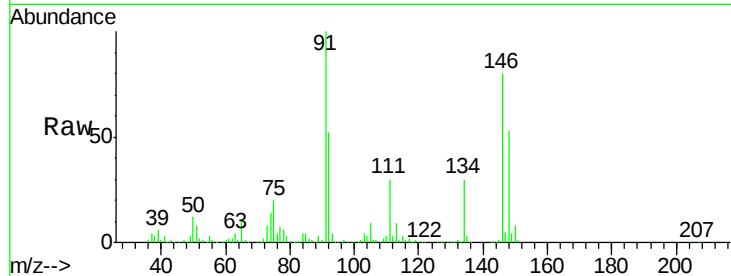




#91
 1,2-Dichlorobenzene
 Concen: 19.73 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

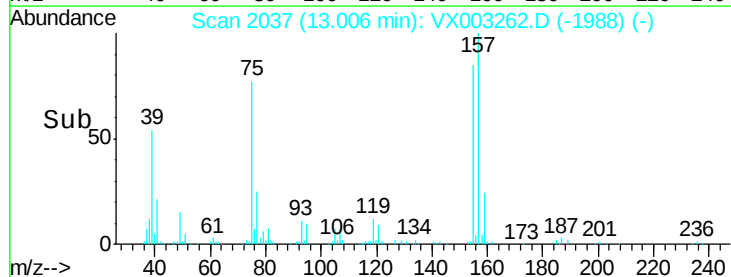
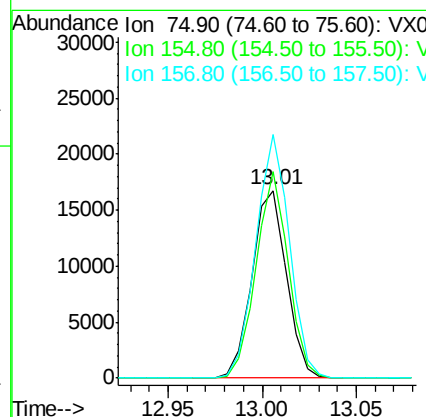
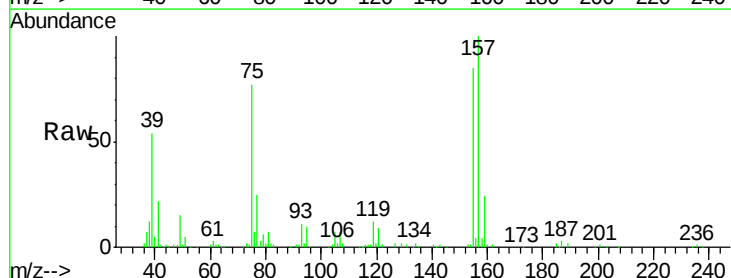
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

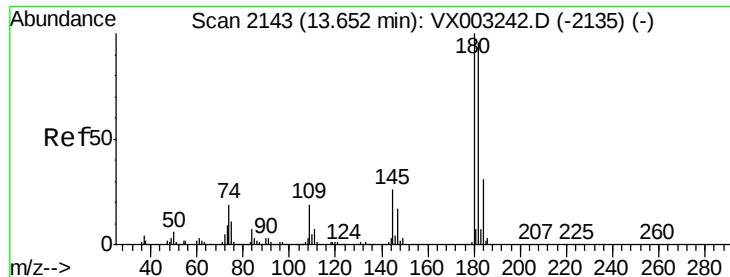
Tot Ion:146 Resp: 173566
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.4 58.1
 148 64.6 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.33 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

Tgt Ion: 75 Resp: 21271
 Ion Ratio Lower Upper
 75 100
 155 102.0 45.8 137.4
 157 126.1 60.1 180.3

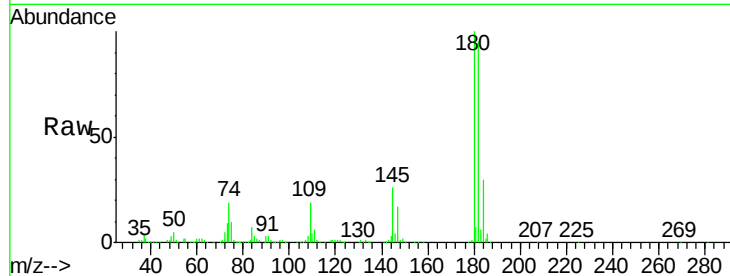




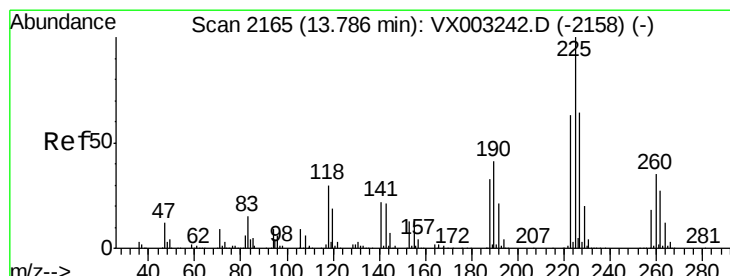
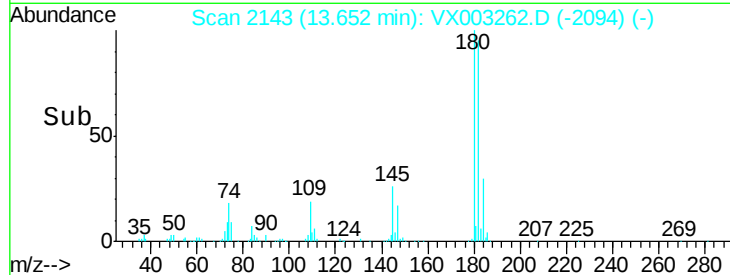
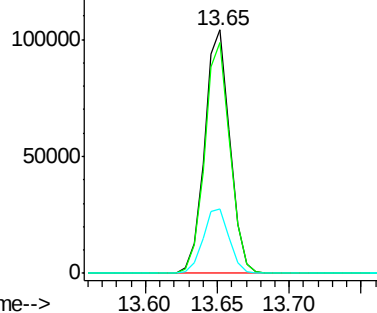
#93
 1,2,4-Trichlorobenzene
 Concen: 19.87 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.7	143.1
145	27.3	14.1	42.4

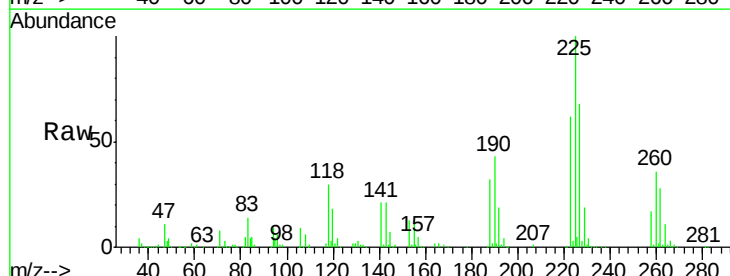


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

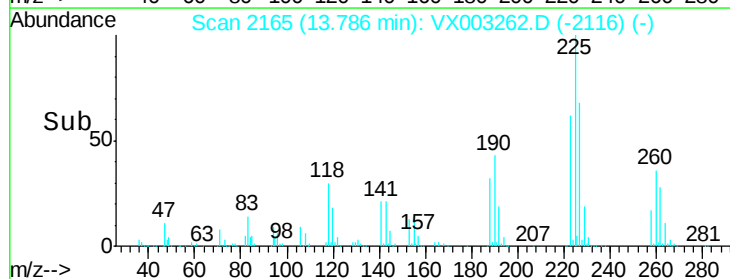
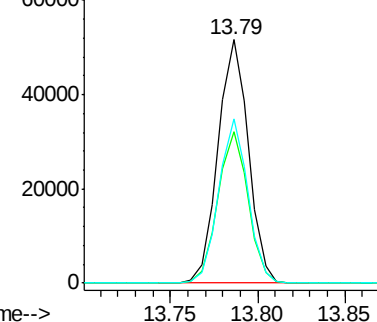


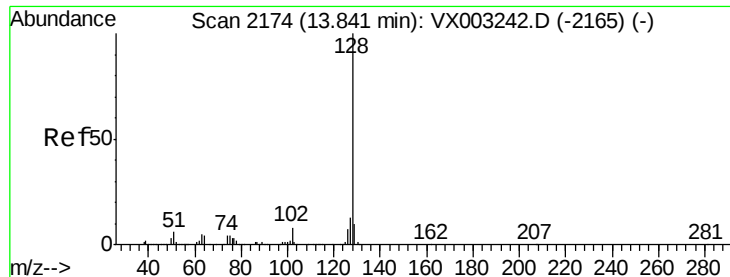
#94
 Hexachlorobutadiene
 Concen: 19.53 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003262.D
 Acq: 09 Jul 2018 23:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.6	95.0
227	64.9	32.4	97.2



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





#95

Naphthalene

Concen: 20.91 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBSD01

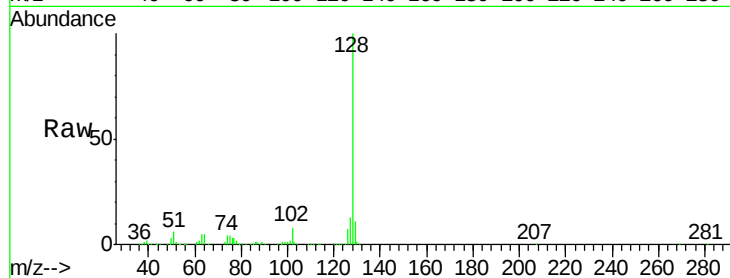
Tot Ion:128 Resp: 350195

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

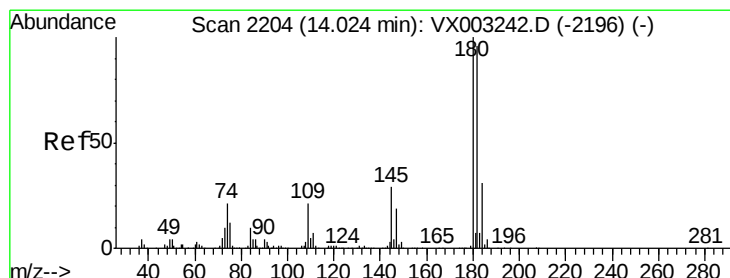
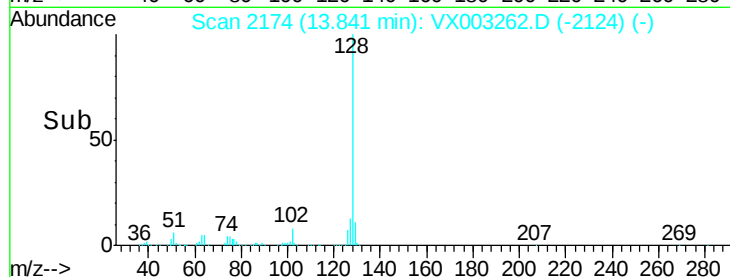
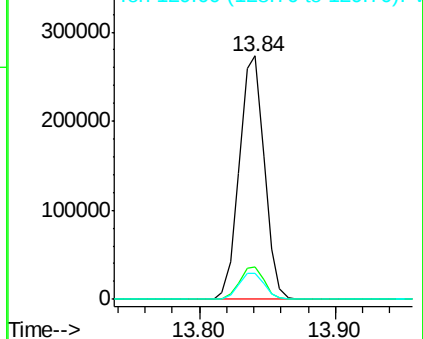
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.11 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003262.D

Acq: 09 Jul 2018 23:37

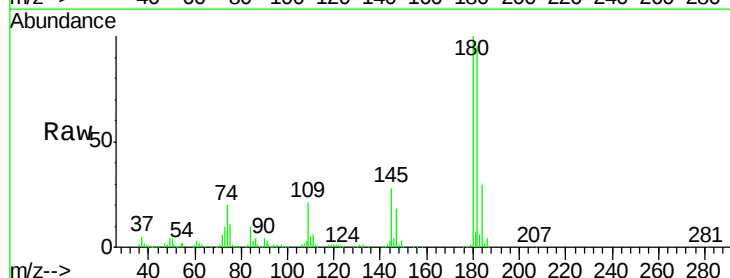
Tgt Ion:180 Resp: 128402

Ion Ratio Lower Upper

180 100

182 95.4 48.0 144.0

145 28.2 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

