

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040218\
 Data File : VX000643.D
 Acq On : 02 Apr 2018 16:15
 Operator : JC/MD
 Sample : VV0402WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Quant Time: Apr 03 02:41:33 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	139261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	227502	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	241228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	148439	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	80960	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	
35) Dibromofluoromethane	5.51	113	65065	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
50) Toluene-d8	8.73	98	266534	44.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.78%	
62) 4-Bromofluorobenzene	11.15	95	107533	43.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.48%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	23616	15.39	ug/l	98
3) Chloromethane	1.32	50	24046	14.87	ug/l	96
4) Vinyl Chloride	1.40	62	30341	17.76	ug/l	99
5) Bromomethane	1.64	94	28635	14.03	ug/l	98
6) Chloroethane	1.73	64	22072	22.71	ug/l	96
7) Trichlorofluoromethane	1.93	101	62225	20.18	ug/l	95
8) Diethyl Ether	2.19	74	21792	19.77	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32860	19.11	ug/l	97
10) Methyl Iodide	2.51	142	11433	10.41	ug/l	99
11) Tert butyl alcohol	3.07	59	62934	100.65	ug/l	100
12) 1,1-Dichloroethene	2.38	96	28914	19.16	ug/l	96
13) Acrolein	2.30	56	26757	140.78	ug/l	100
14) Allyl chloride	2.73	41	51620	19.30	ug/l	97
15) Acrylonitrile	3.15	53	123429	97.46	ug/l	99
16) Acetone	2.45	43	148037	97.89	ug/l	96
17) Carbon Disulfide	2.57	76	68531	17.08	ug/l	99
18) Methyl Acetate	2.78	43	62923	19.85	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	110101	19.72	ug/l	97
20) Methylene Chloride	2.86	84	37093	21.24	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	31454	18.68	ug/l	97
22) Diisopropyl ether	3.88	45	74898	15.87	ug/l	97
23) Vinyl Acetate	3.83	43	349766	78.19	ug/l	100
24) 1,1-Dichloroethane	3.70	63	54177	18.26	ug/l	98
25) 2-Butanone	4.71	43	147070	86.52	ug/l	99
26) 2,2-Dichloropropane	4.59	77	35758	17.20	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	26972	17.14	ug/l	98
28) Bromochloromethane	5.03	49	23655	19.34	ug/l	# 97
29) Tetrahydrofuran	5.17	42	91152	87.16	ug/l	98
30) Chloroform	5.23	83	50368	18.12	ug/l	100
31) Cyclohexane	5.59	56	37900	16.53	ug/l	92
32) 1,1,1-Trichloroethane	5.51	97	43754	17.44	ug/l	99
36) 1,1-Dichloropropene	5.81	75	36396	17.08	ug/l	99
37) Ethyl Acetate	4.87	43	49605	17.04	ug/l	99
38) Carbon Tetrachloride	5.79	117	37011	16.55	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	41368	15.96	ug/l	97
40) Benzene	6.15	78	108650	17.56	ug/l	98
41) Methacrylonitrile	5.07	41	25527	16.63	ug/l	97
42) 1,2-Dichloroethane	6.21	62	43851	18.06	ug/l	99
43) Isopropyl Acetate	6.48	43	74618	17.22	ug/l	99
44) Trichloroethene	7.22	130	31255	17.63	ug/l	98
45) 1,2-Dichloropropane	7.52	63	28486	17.98	ug/l	99
46) Dibromomethane	7.67	93	21891	17.61	ug/l	97
47) Bromodichloromethane	7.91	83	40866	18.68	ug/l	94
48) Methyl methacrylate	7.79	41	37560	17.85	ug/l	98
49) 1,4-Dioxane	7.76	88	17045	385.48	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	304019	90.65	ug/l	100
52) Toluene	8.79	92	77340	17.88	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	46234	18.24	ug/l	94
54) cis-1,3-Dichloropropene	9.05	75	45386	18.46	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	33922	19.07	ug/l	98
56) Ethyl methacrylate	9.19	69	48381	17.95	ug/l	98
57) 1,3-Dichloropropane	9.38	76	54534	19.16	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	91947	71.06	ug/l	100
59) 2-Hexanone	9.51	43	261359	91.77	ug/l	100
60) Dibromochloromethane	9.59	129	33621	18.77	ug/l	98
61) 1,2-Dibromoethane	9.68	107	36234	18.99	ug/l	100
64) Tetrachloroethene	9.34	164	30286	16.18	ug/l	95
65) Chlorobenzene	10.15	112	95654	17.82	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	32292	17.71	ug/l	99
67) Ethyl Benzene	10.26	91	159135	17.49	ug/l	100
68) m/p-Xylenes	10.37	106	124771	34.84	ug/l	100
69) o-Xylene	10.71	106	60830	17.54	ug/l	99
70) Styrene	10.72	104	102915	17.94	ug/l	98
71) Bromoform	10.87	173	26943	17.60	ug/l #	97
73) Isopropylbenzene	11.02	105	170356	17.32	ug/l	99
74) N-amyl acetate	6.48	43	74618	15.11	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	62243	17.89	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	69337	21.73	ug/l	83
77) Bromobenzene	11.26	156	43194	16.49	ug/l	99
78) n-propylbenzene	11.37	91	205778	17.55	ug/l	99
79) 2-Chlorotoluene	11.43	91	114273	16.87	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	145108	17.55	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	15883	16.12	ug/l	92
82) 4-Chlorotoluene	11.52	91	143243	17.71	ug/l	99
83) tert-Butylbenzene	11.78	119	147736	17.71	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	152682	17.61	ug/l	99
85) sec-Butylbenzene	11.95	105	180515	17.49	ug/l	99
86) p-Isopropyltoluene	12.07	119	165811	18.09	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	86534	17.47	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	91605	17.61	ug/l	97
89) n-Butylbenzene	12.40	91	157869	18.50	ug/l	99
90) Hexachloroethane	12.60	117	24639	17.08	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	88090	18.14	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16230	16.73	ug/l	96

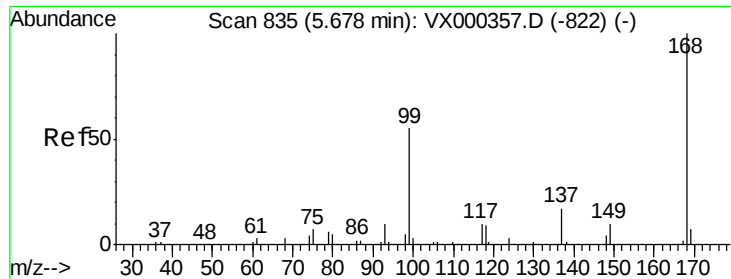
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	64549	18.54	ug/l	97
94) Hexachlorobutadiene	13.79	225	24816	17.21	ug/l	99
95) Naphthalene	13.84	128	221369	18.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	63374	18.42	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

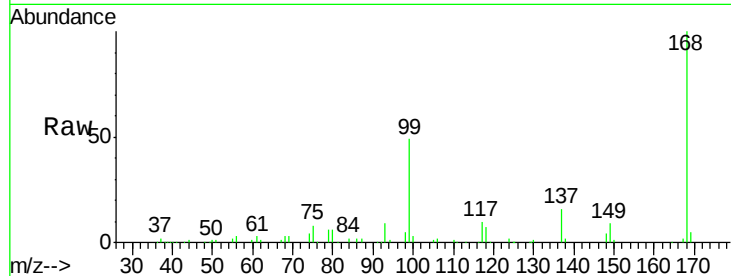
VX0402WBSD01

Tgt Ion:168 Resp: 139261

Ion Ratio Lower Upper

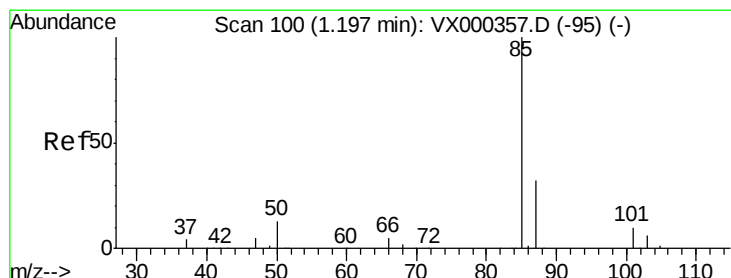
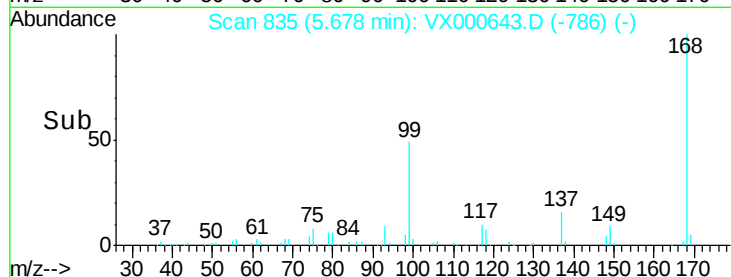
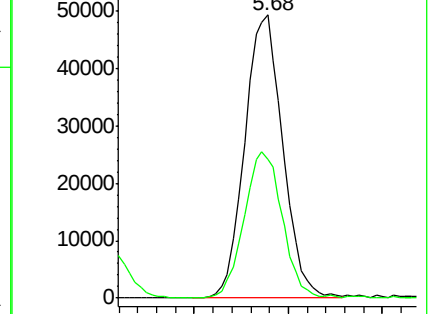
168 100

99 48.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.39 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000643.D

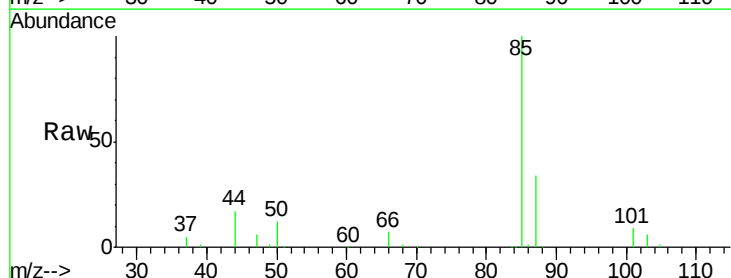
Acq: 02 Apr 2018 16:15

Tgt Ion: 85 Resp: 23616

Ion Ratio Lower Upper

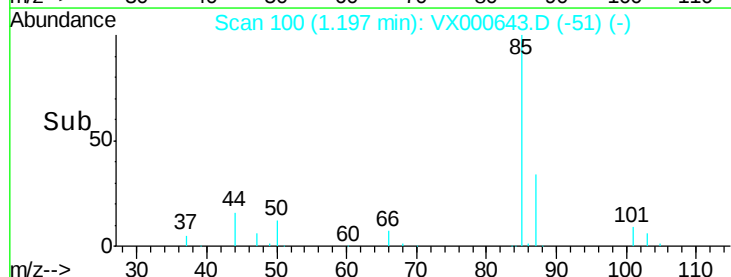
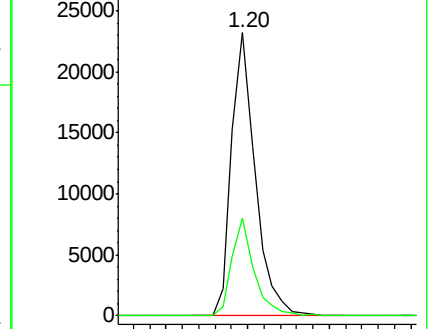
85 100

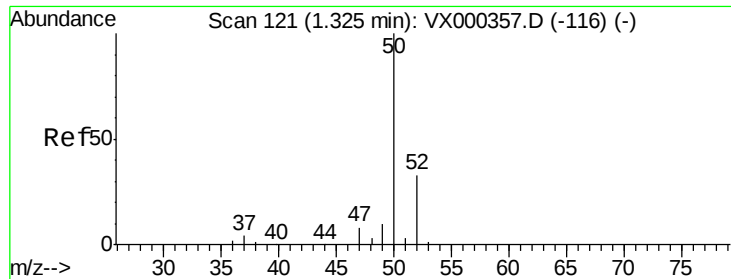
87 34.4 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 14.87 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

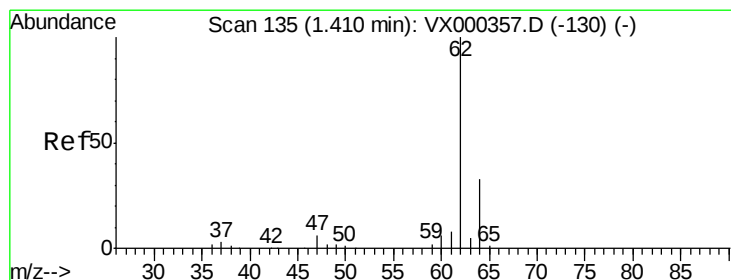
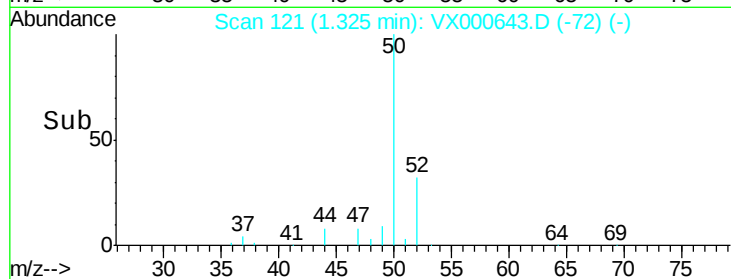
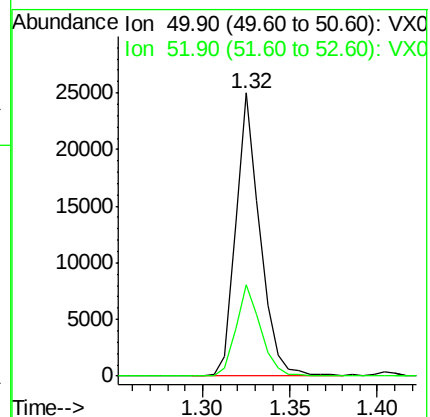
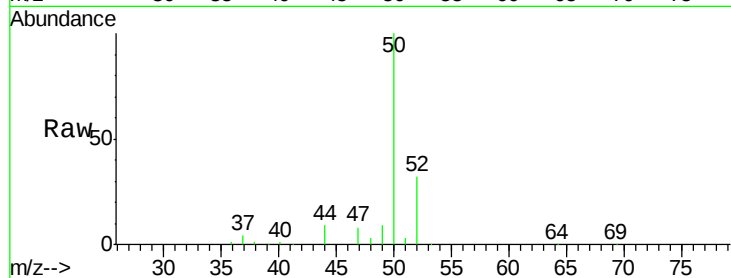
VX0402WBSD01

Tgt Ion: 50 Resp: 24046

Ion Ratio Lower Upper

50 100

52 32.2 27.5 41.3



#4

Vinyl Chloride

Concen: 17.76 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000643.D

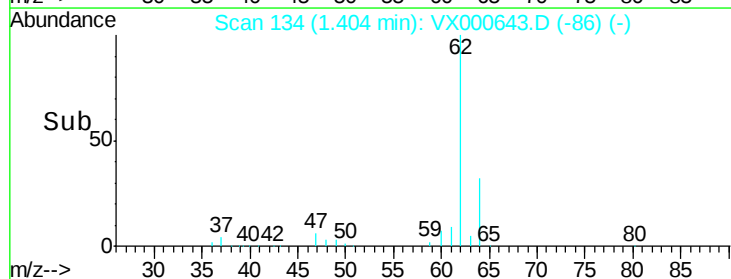
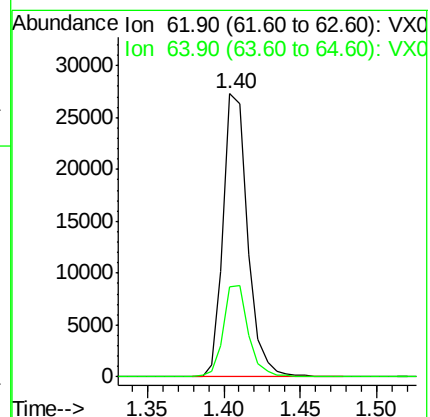
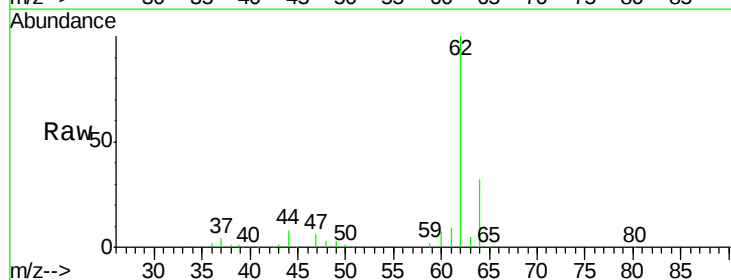
Acq: 02 Apr 2018 16:15

Tgt Ion: 62 Resp: 30341

Ion Ratio Lower Upper

62 100

64 31.8 24.8 37.2





#5

Bromomethane

Concen: 14.03 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

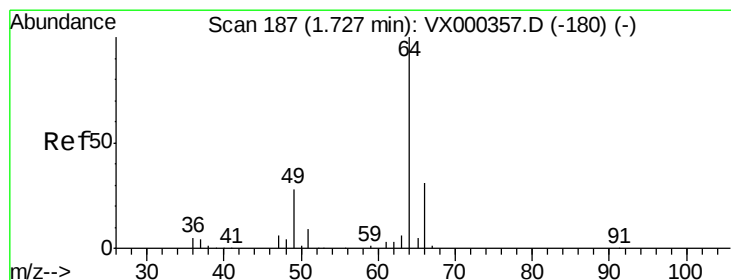
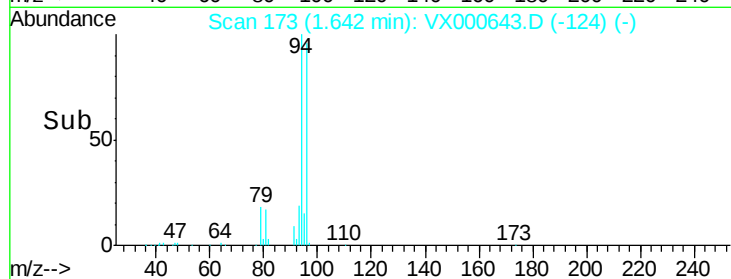
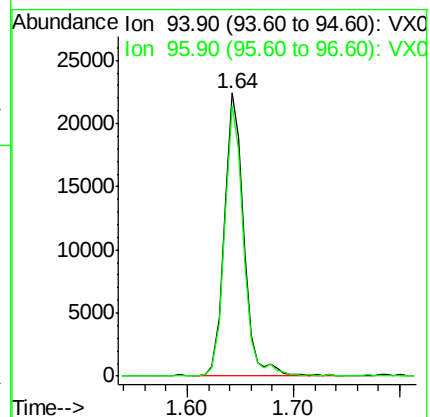
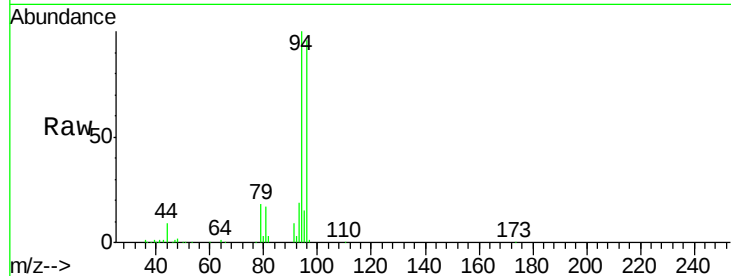
VX0402WBSD01

Tgt Ion: 94 Resp: 28635

Ion Ratio Lower Upper

94 100

96 95.5 77.7 116.5



#6

Chloroethane

Concen: 22.71 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000643.D

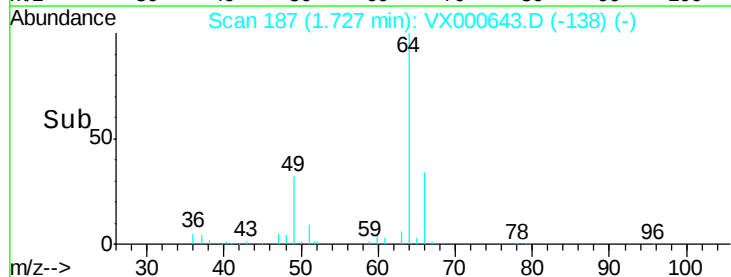
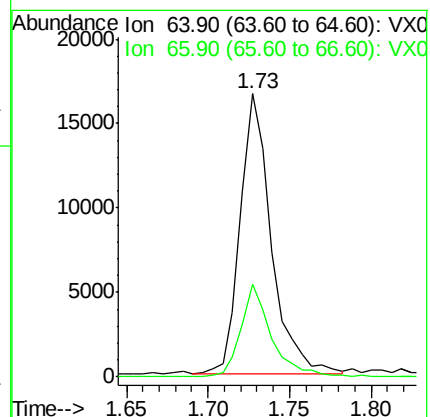
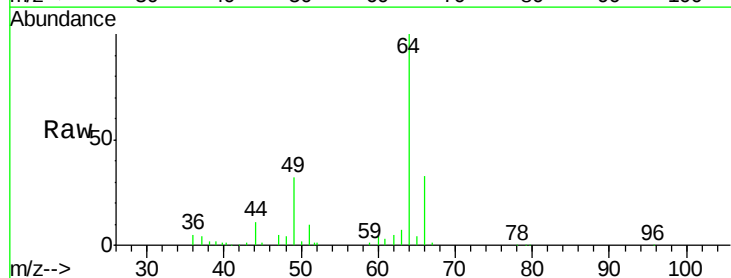
Acq: 02 Apr 2018 16:15

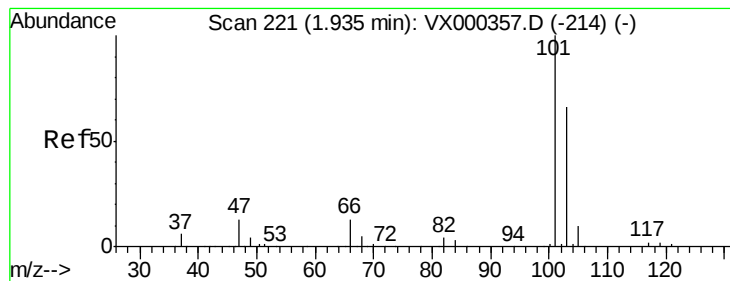
Tgt Ion: 64 Resp: 22072

Ion Ratio Lower Upper

64 100

66 33.2 24.8 37.2



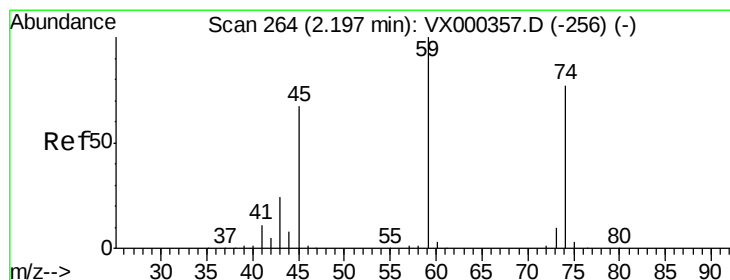
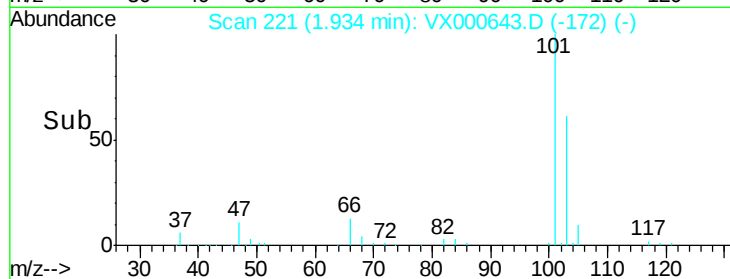
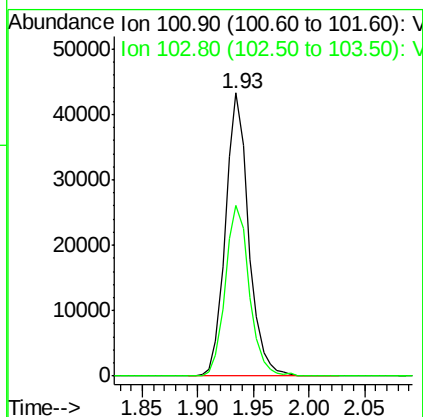
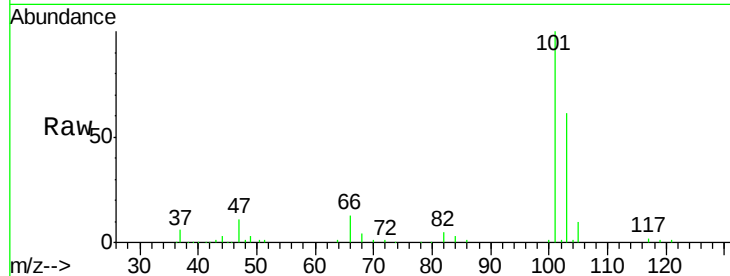


#7

Trichlorofluoromethane
Concen: 20.18 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

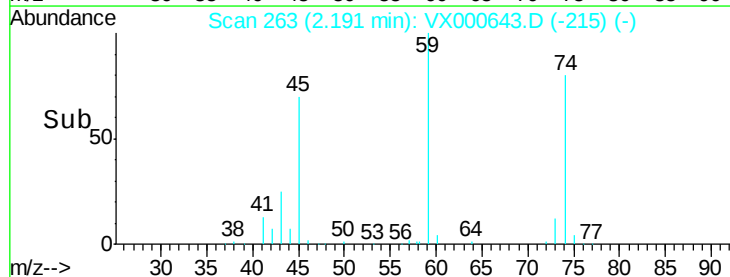
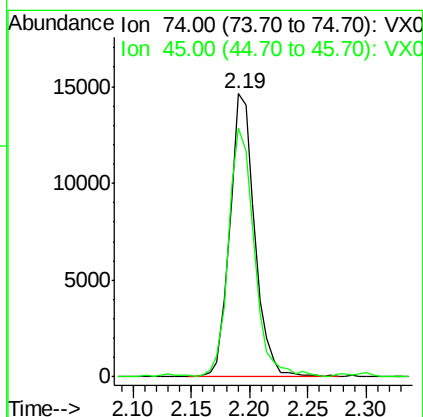
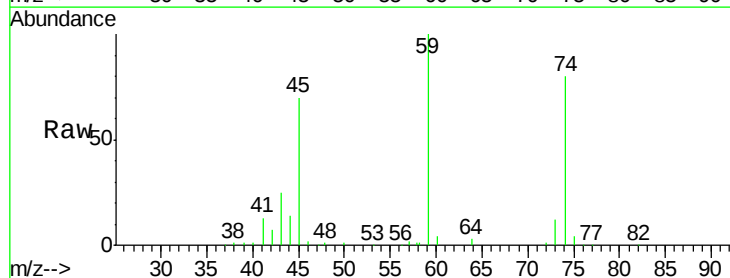
Tgt Ion: 101 Resp: 62225
Ion Ratio Lower Upper
101 100
103 60.5 51.6 77.4

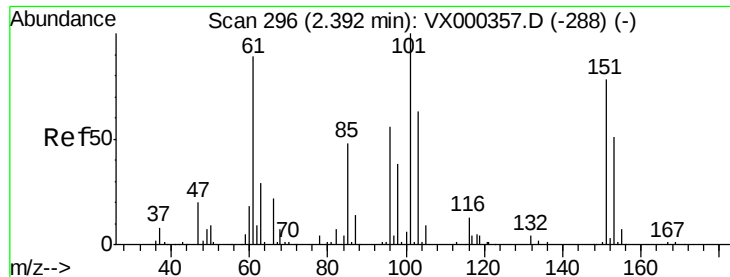


#8

Diethyl Ether
Concen: 19.77 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion: 74 Resp: 21792
Ion Ratio Lower Upper
74 100
45 90.7 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.11 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

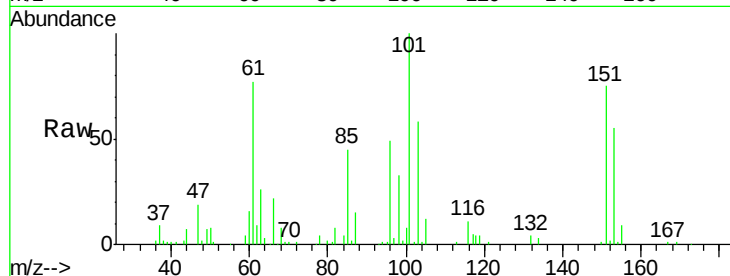
Tgt Ion:101 Resp: 32860

Ion Ratio Lower Upper

101 100

85 49.3 37.6 56.4

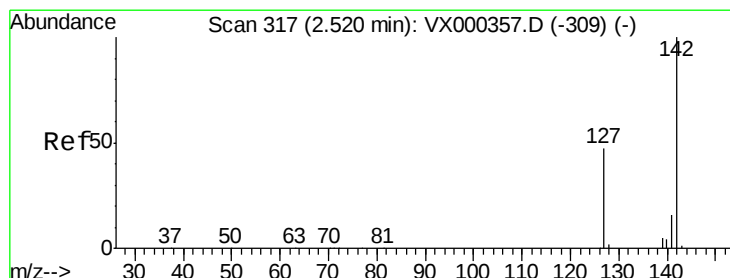
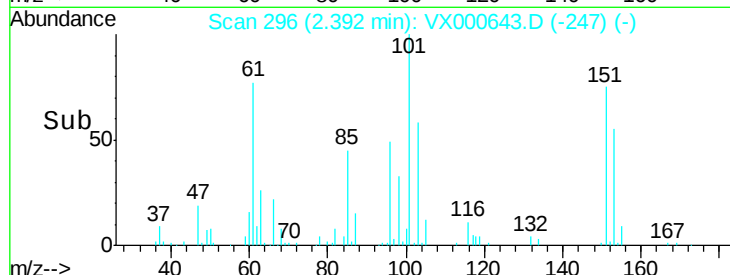
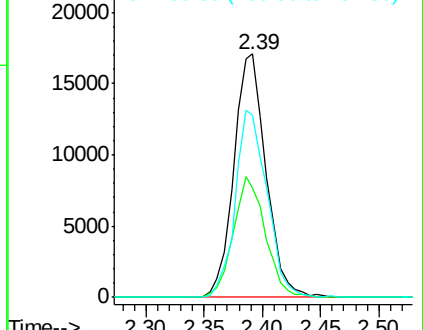
151 76.1 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 10.41 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

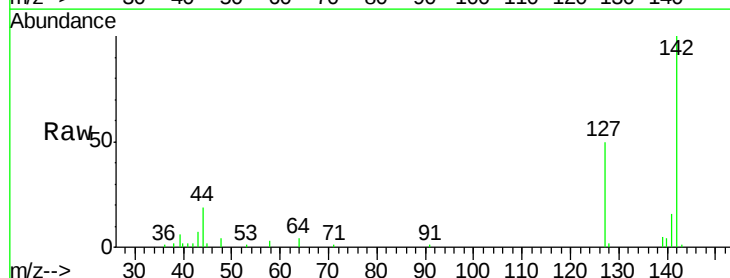
Tgt Ion:142 Resp: 11433

Ion Ratio Lower Upper

142 100

127 49.6 39.2 58.8

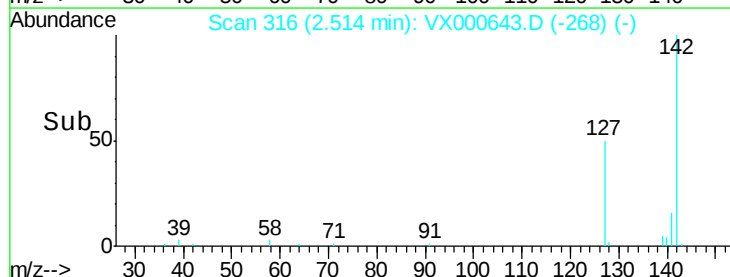
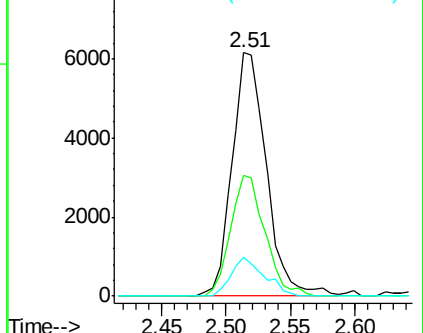
141 15.4 11.7 17.5

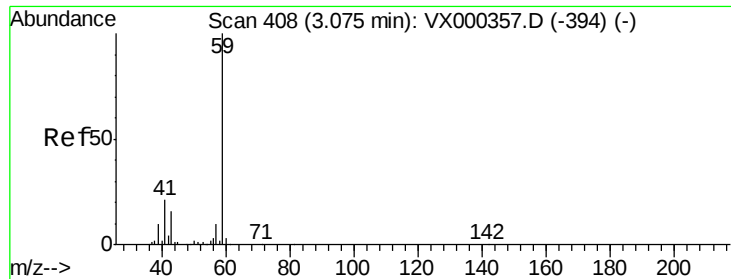


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

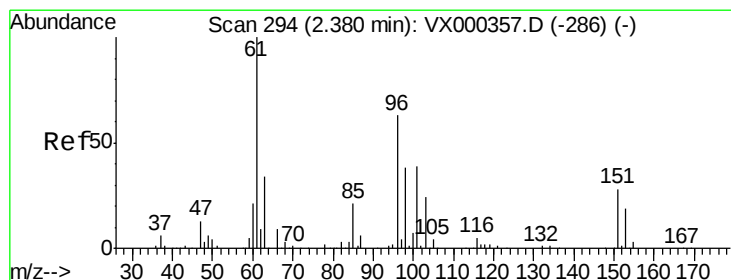
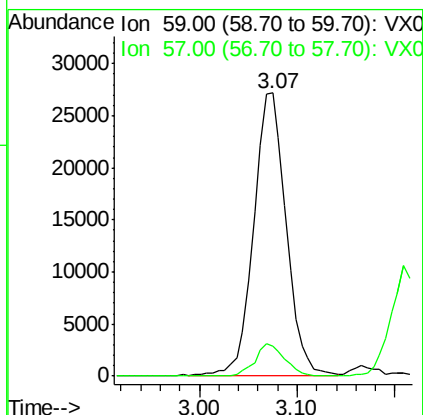
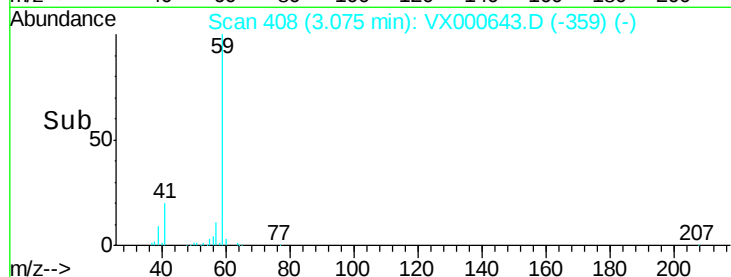
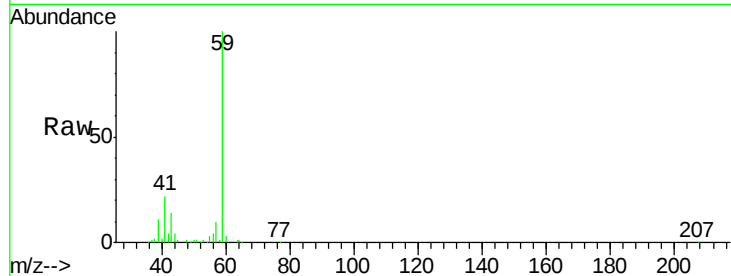




#11
Tert butyl alcohol
Concen: 100.65 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

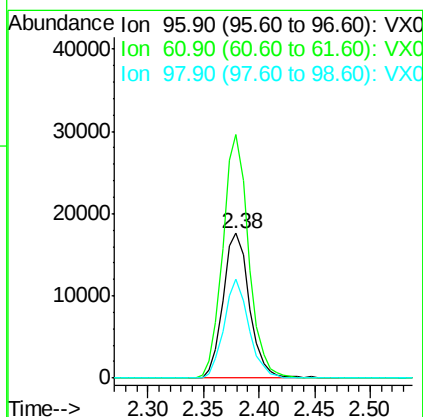
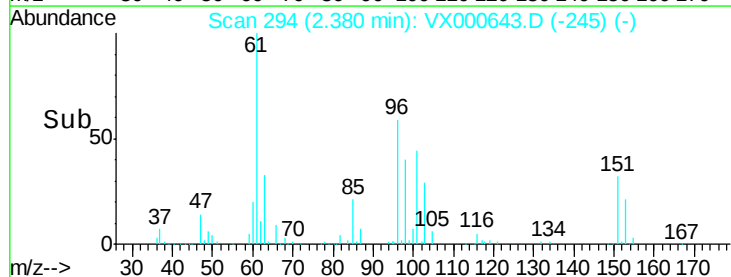
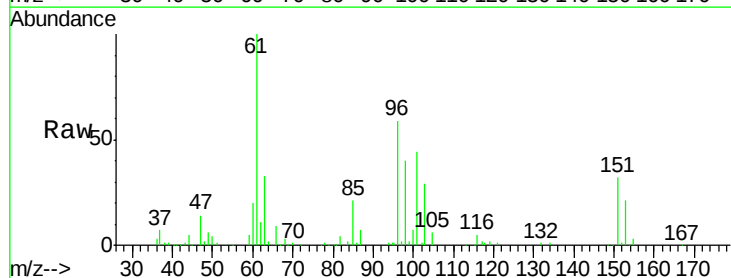
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

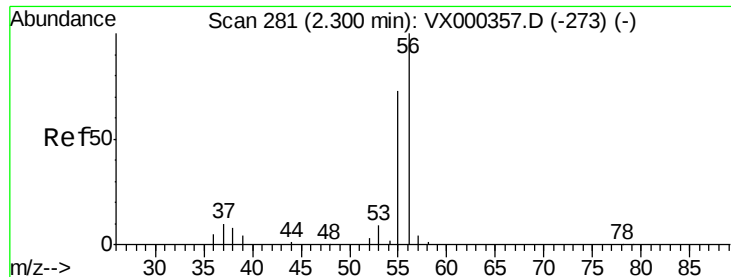
Tgt Ion: 59 Resp: 62934
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 19.16 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion: 96 Resp: 28914
Ion Ratio Lower Upper
96 100
61 168.2 131.2 196.8
98 68.1 49.8 74.8





#13

Acrolein

Concen: 140.78 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

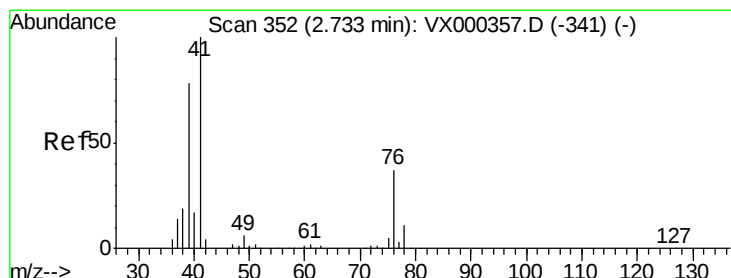
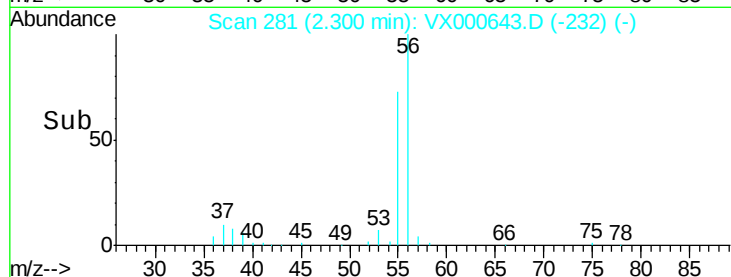
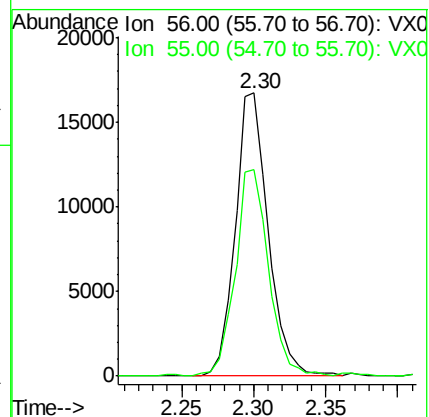
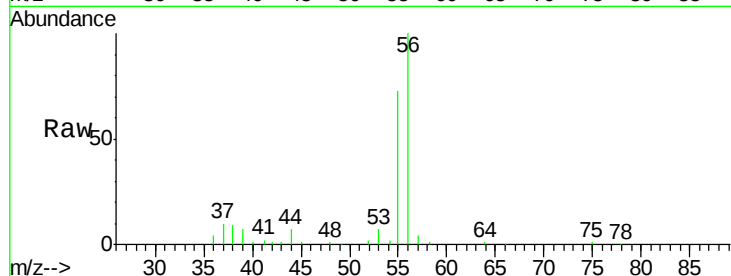
VX0402WBSD01

Tgt Ion: 56 Resp: 26757

Ion Ratio Lower Upper

56 100

55 73.7 58.8 88.2



#14

Allyl chloride

Concen: 19.30 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

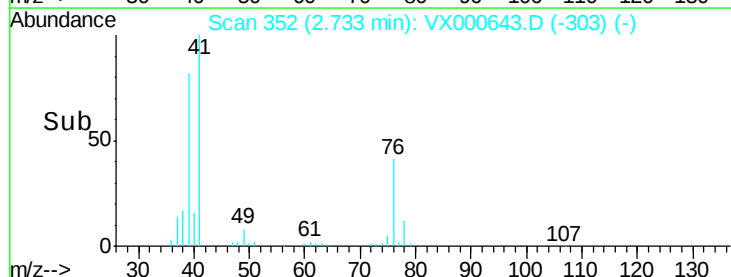
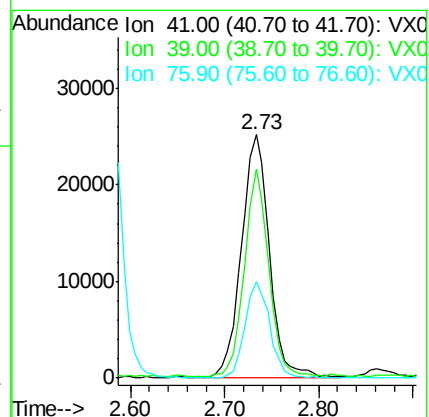
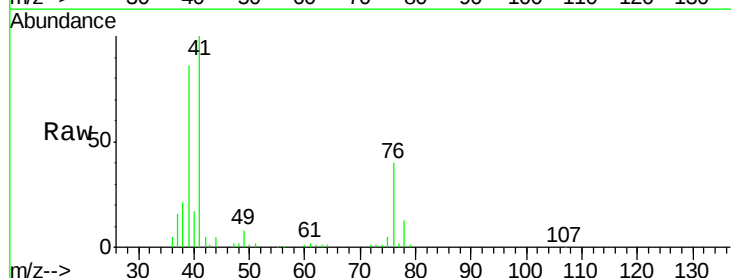
Tgt Ion: 41 Resp: 51620

Ion Ratio Lower Upper

41 100

39 74.9 57.6 86.4

76 35.5 27.3 40.9





#15

Acrylonitrile

Concen: 97.46 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

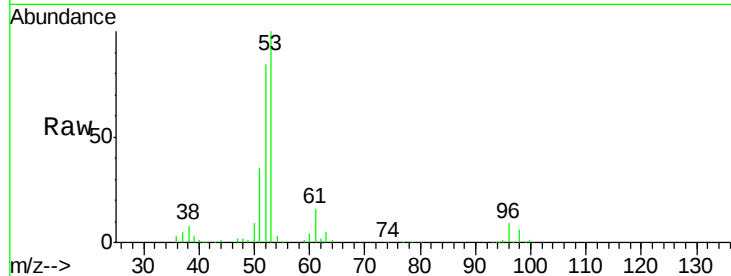
Tgt Ion: 53 Resp: 123429

Ion Ratio Lower Upper

53 100

52 83.8 66.6 99.8

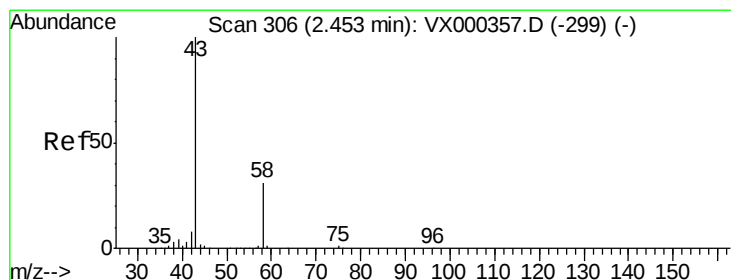
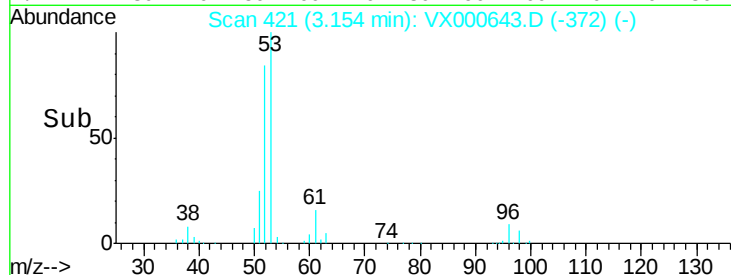
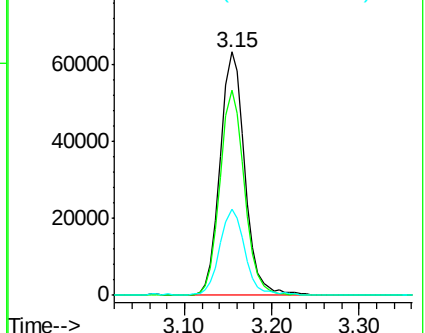
51 36.9 29.3 43.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 97.89 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000643.D

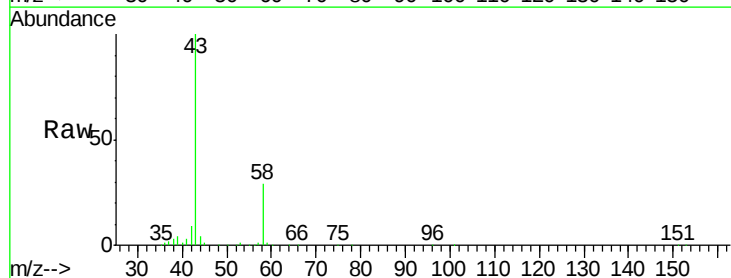
Acq: 02 Apr 2018 16:15

Tgt Ion: 43 Resp: 148037

Ion Ratio Lower Upper

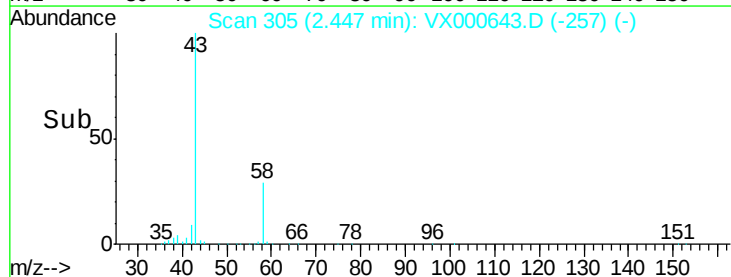
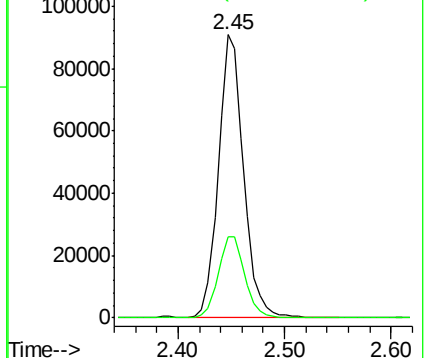
43 100

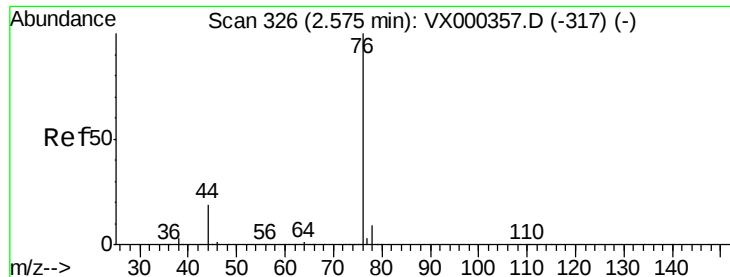
58 28.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

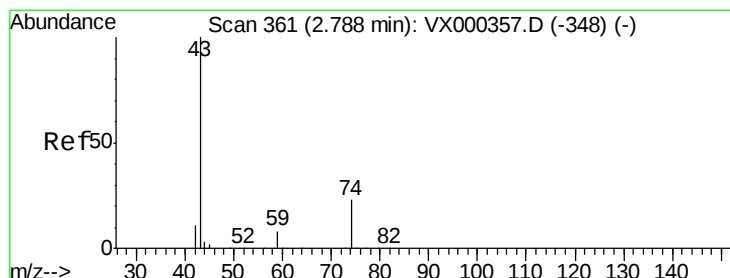
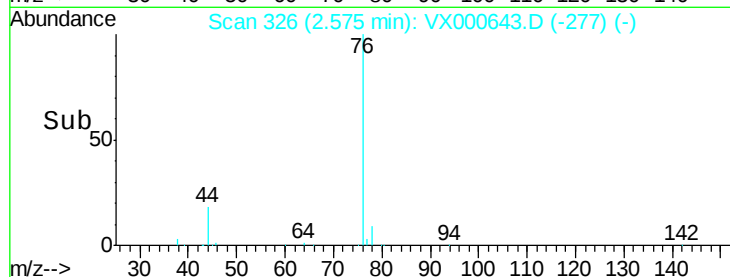
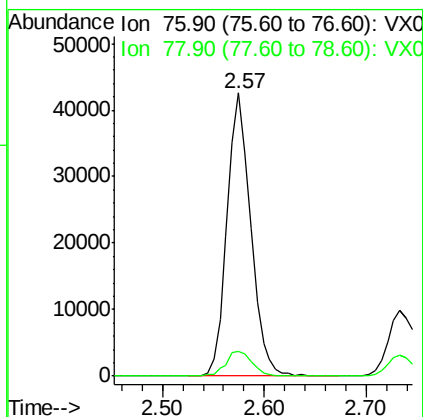
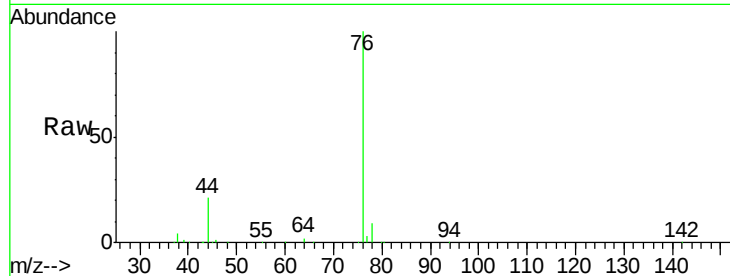




#17
 Carbon Disulfide
 Concen: 17.08 ug/l
 RT: 2.57 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

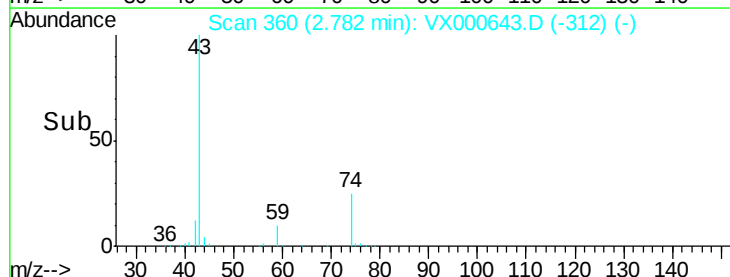
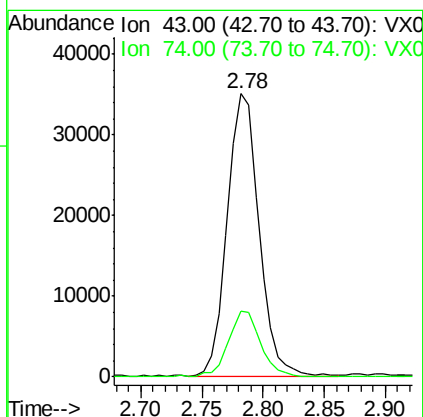
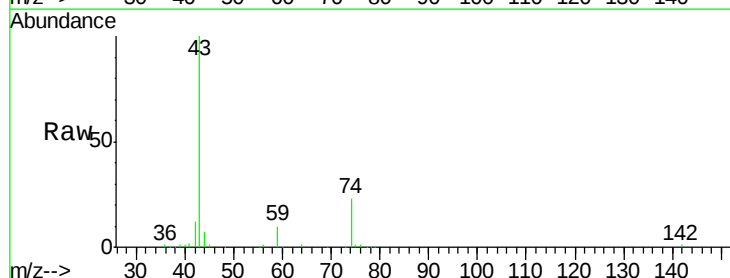
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

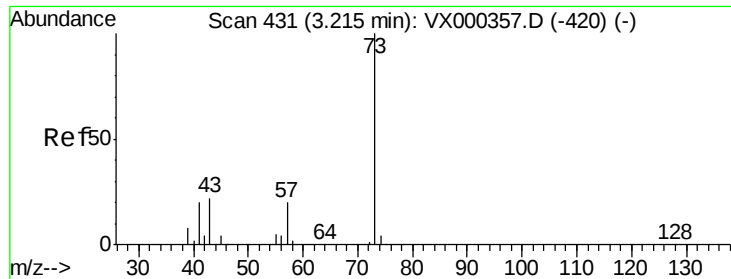
Tgt Ion: 76 Resp: 68531
 Ion Ratio Lower Upper
 76 100
 78 8.4 7.0 10.6



#18
 Methyl Acetate
 Concen: 19.85 ug/l
 RT: 2.78 min Scan# 360
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion: 43 Resp: 62923
 Ion Ratio Lower Upper
 43 100
 74 24.0 19.4 29.2

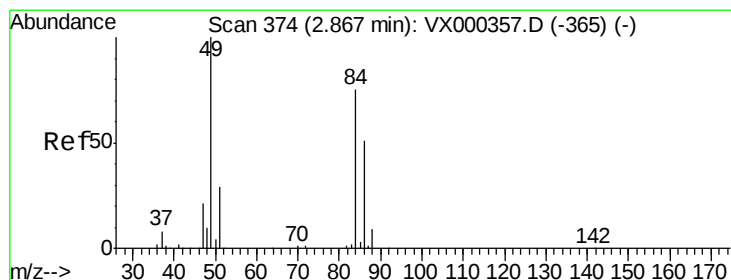
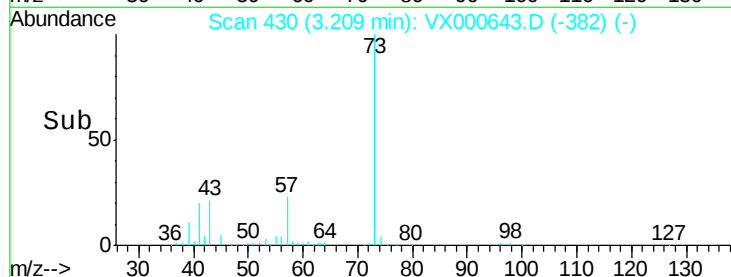
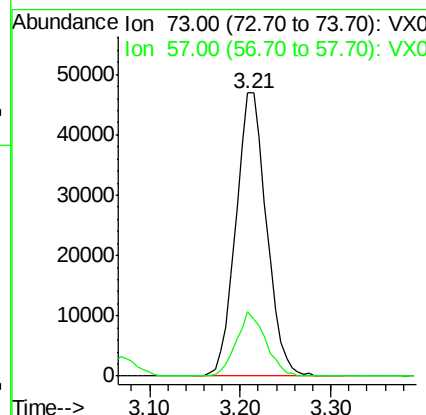
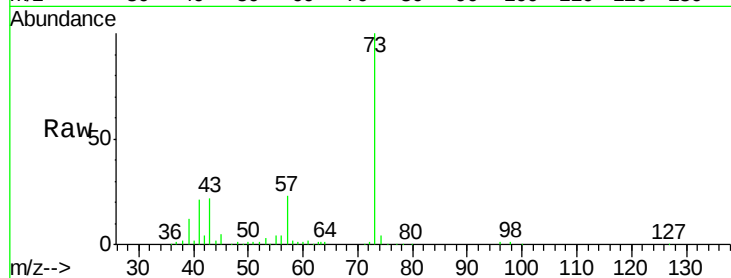




#19
Methyl tert-butyl Ether
Concen: 19.72 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

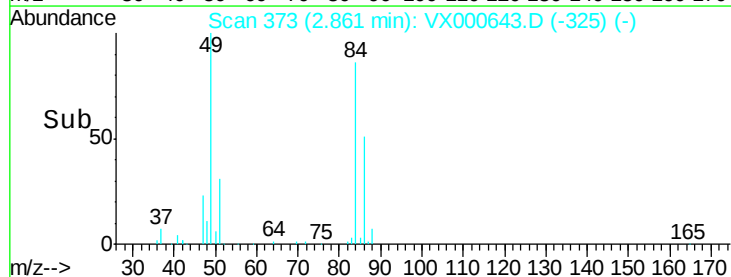
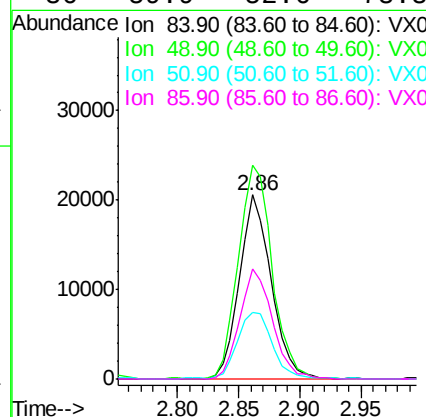
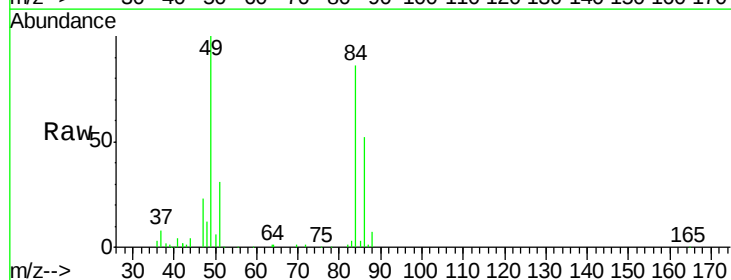
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

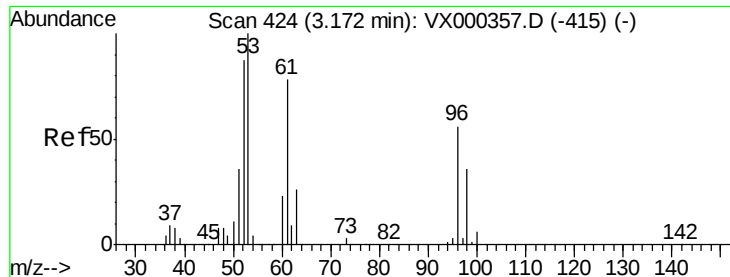
Tgt Ion: 73 Resp: 110101
Ion Ratio Lower Upper
73 100
57 22.7 17.2 25.8



#20
Methylene Chloride
Concen: 21.24 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion: 84 Resp: 37093
Ion Ratio Lower Upper
84 100
49 116.1 100.6 151.0
51 35.6 31.6 47.4
86 59.9 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 18.68 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

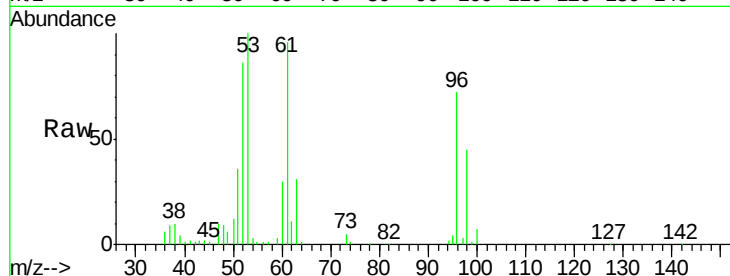
Tgt Ion: 96 Resp: 31454

Ion Ratio Lower Upper

96 100

61 133.6 104.0 156.0

98 62.5 52.1 78.1

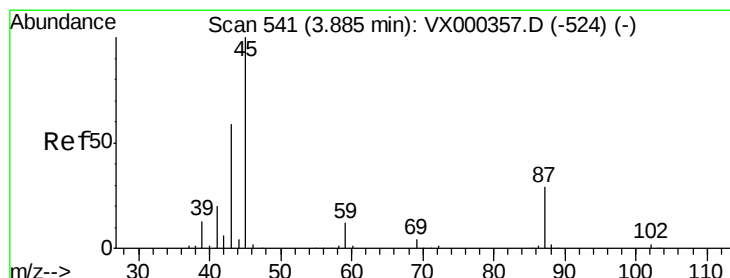
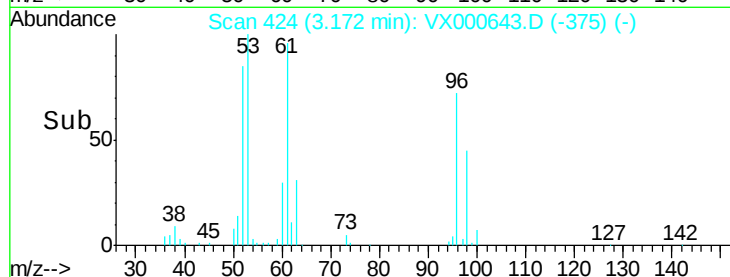
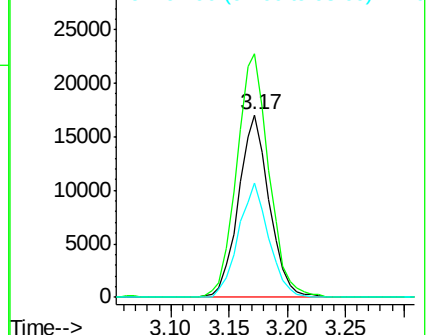


Abundance

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: 15.87 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Tgt Ion: 45 Resp: 74898

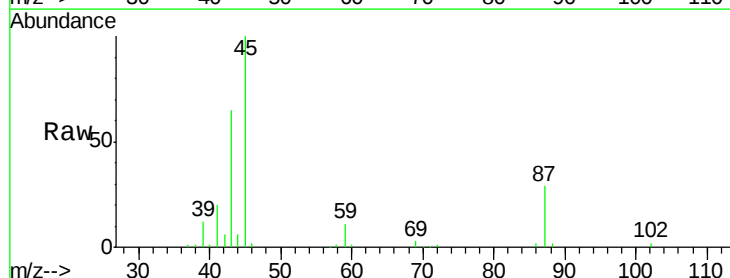
Ion Ratio Lower Upper

45 100

43 63.6 53.9 80.9

87 28.5 22.6 34.0

59 11.2 9.5 14.3



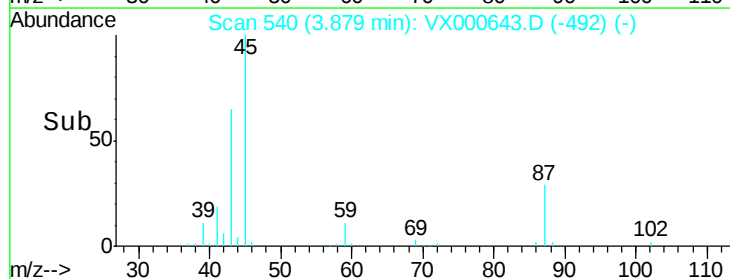
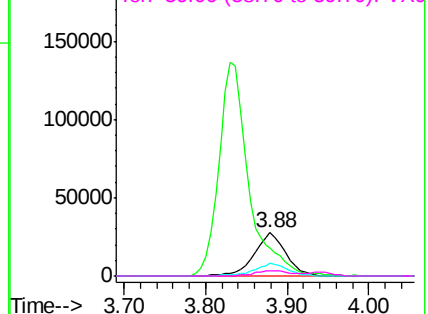
Abundance

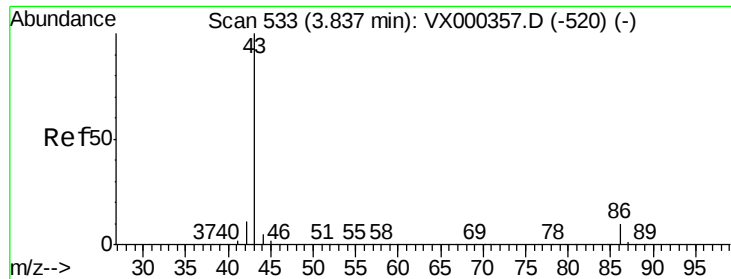
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 78.19 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

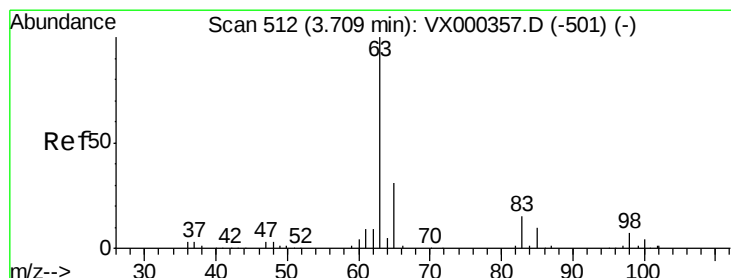
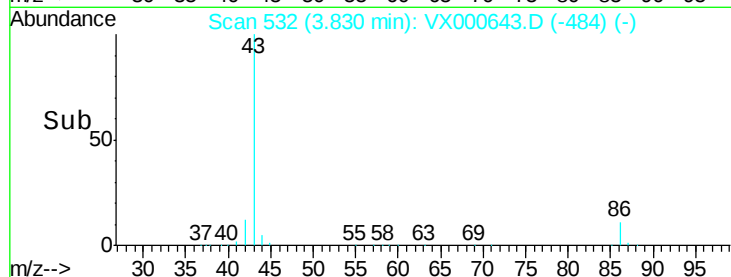
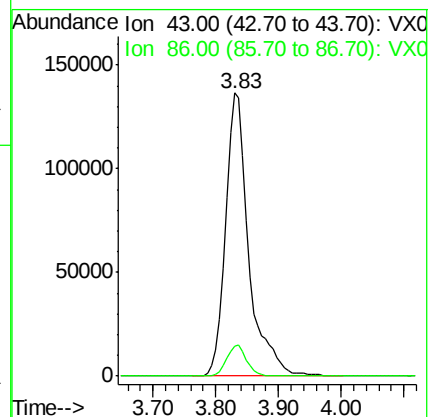
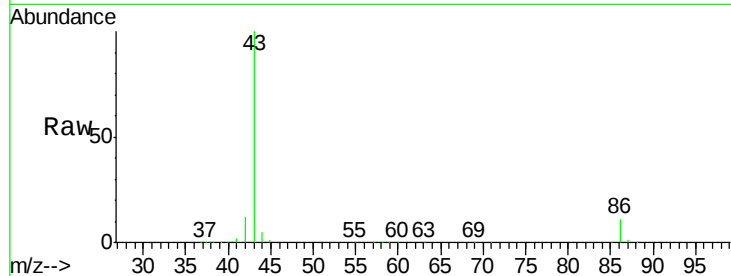
VX0402WBSD01

Tgt Ion: 43 Resp: 349766

Ion Ratio Lower Upper

43 100

86 10.5 8.6 12.8



#24

1,1-Dichloroethane

Concen: 18.26 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

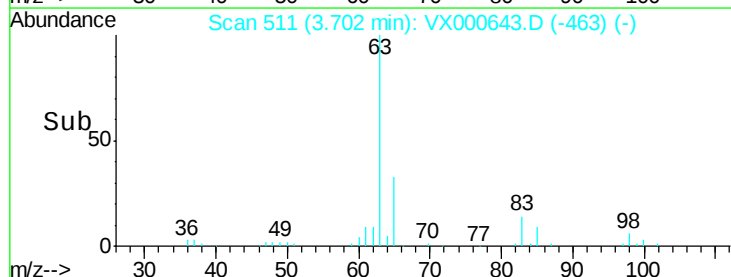
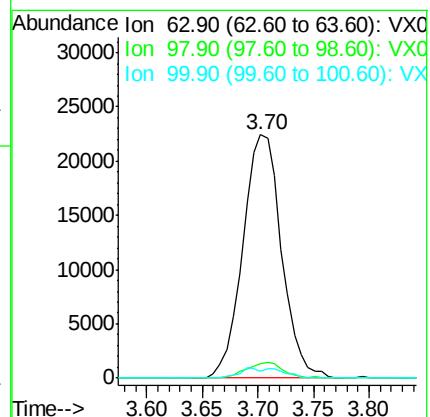
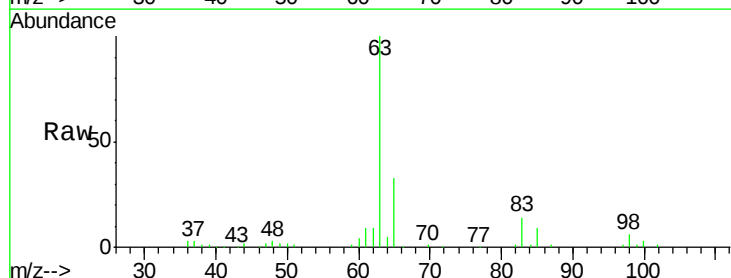
Tgt Ion: 63 Resp: 54177

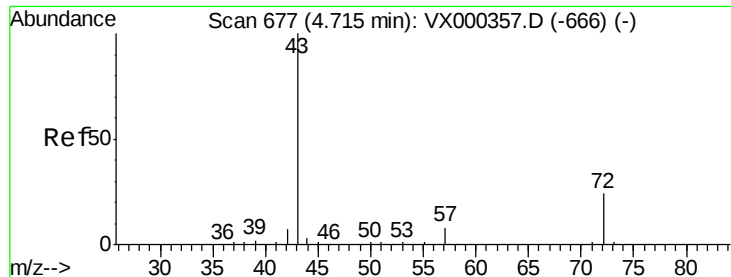
Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.9

100 3.0 2.0 5.8





#25

2-Butanone

Concen: 86.52 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

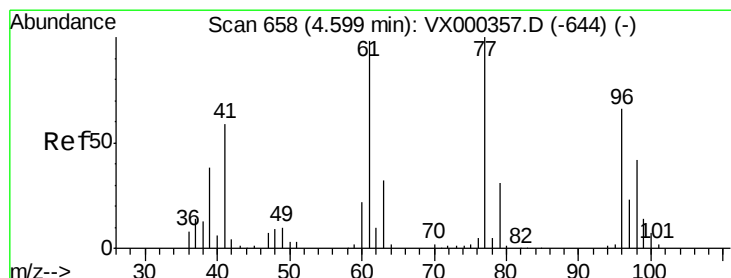
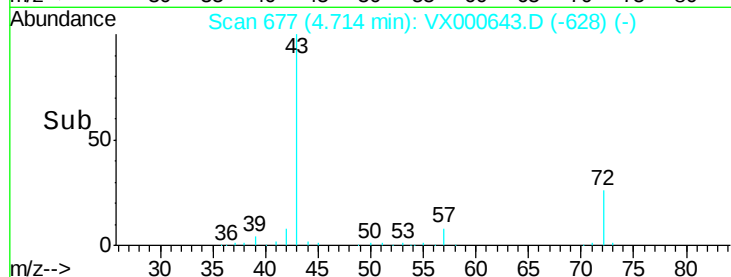
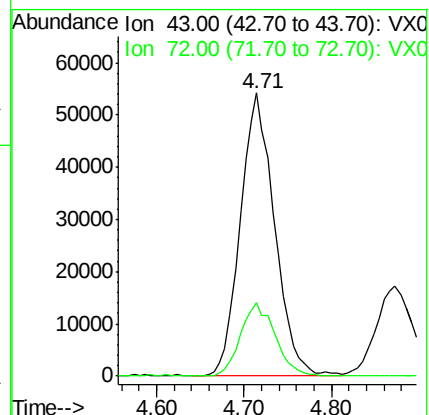
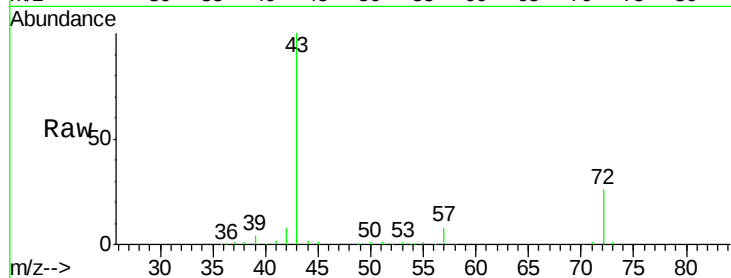
VX0402WBSD01

Tgt Ion: 43 Resp: 147070

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 17.20 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000643.D

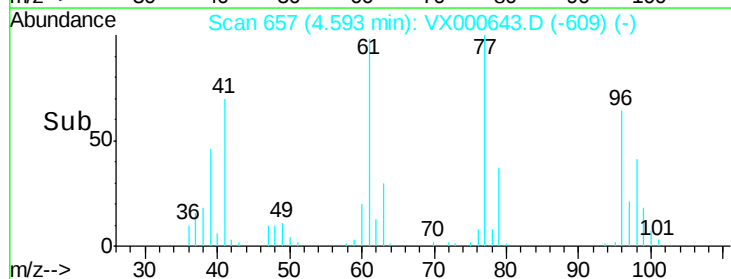
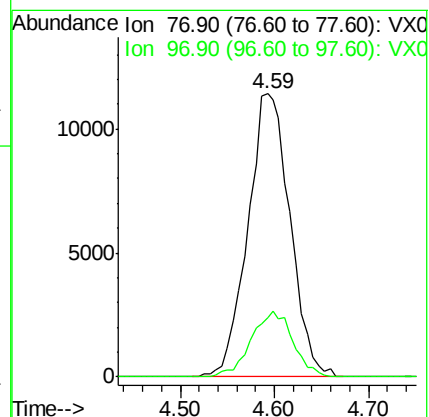
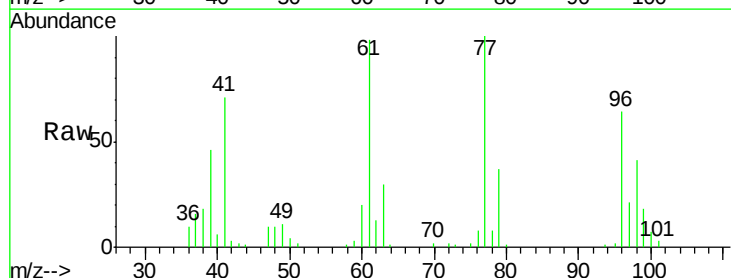
Acq: 02 Apr 2018 16:15

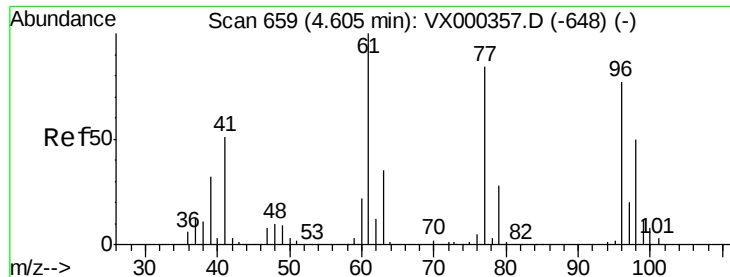
Tgt Ion: 77 Resp: 35758

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 17.14 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

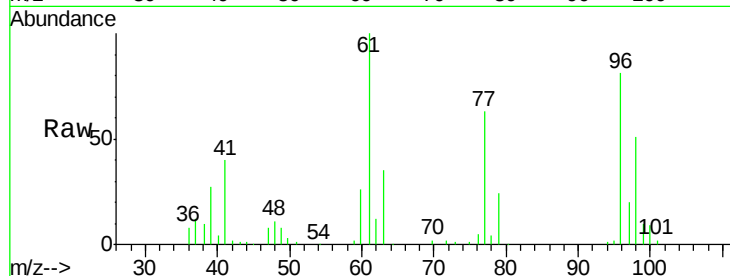
Tgt Ion: 96 Resp: 26972

Ion Ratio Lower Upper

96 100

61 143.6 0.0 291.6

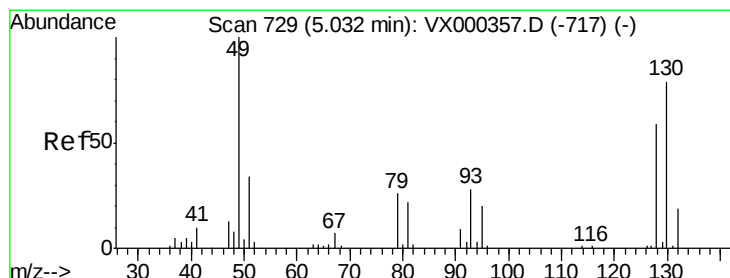
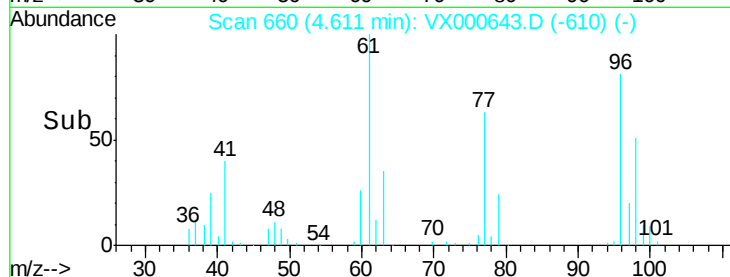
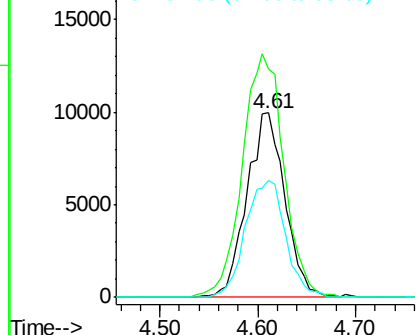
98 66.8 0.0 132.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 19.34 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

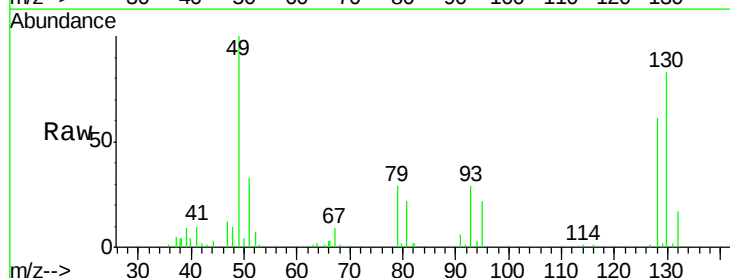
Tgt Ion: 49 Resp: 23655

Ion Ratio Lower Upper

49 100

129 0.0 0.0 5.0

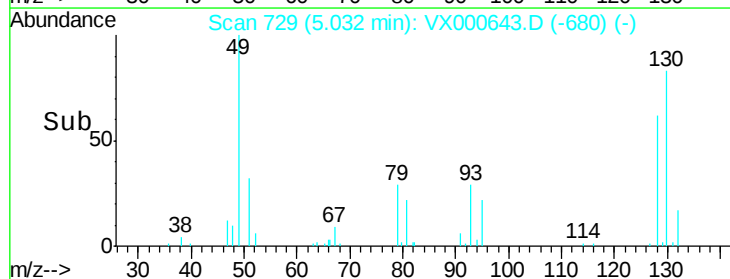
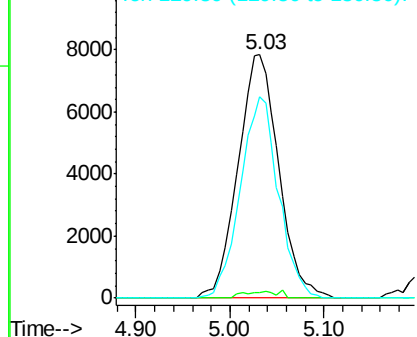
130 77.4 64.0 96.0



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

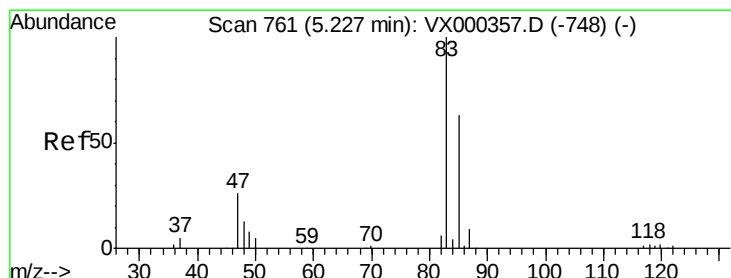
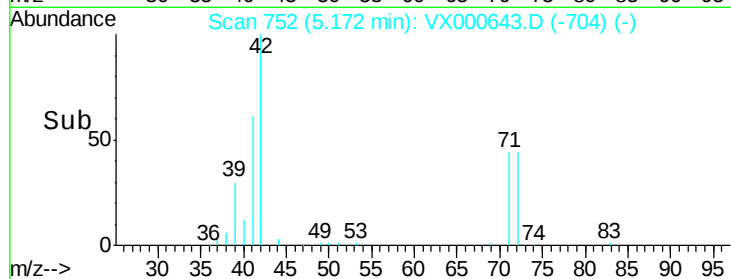
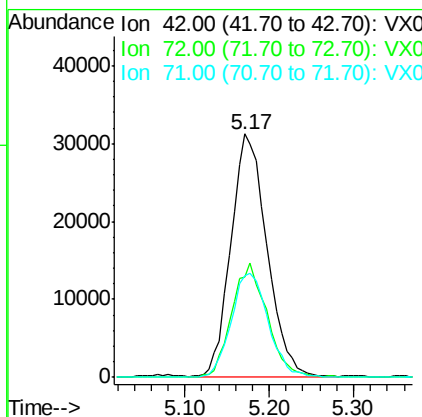
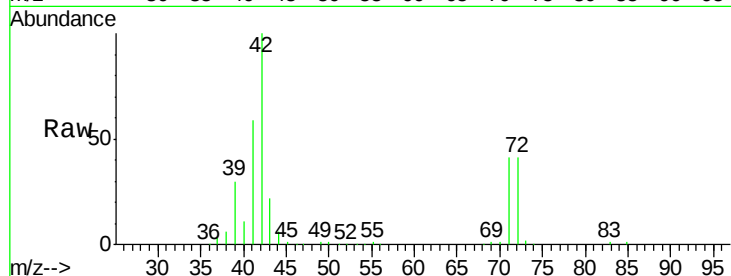




#29
Tetrahydrofuran
Concen: 87.16 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

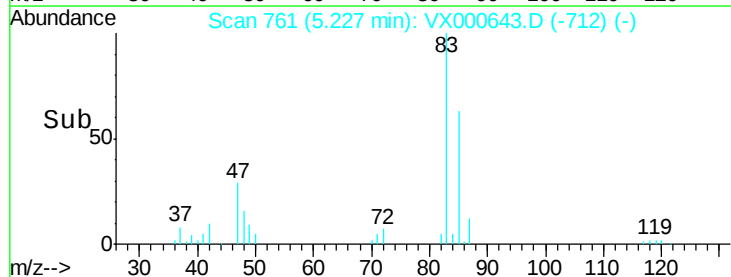
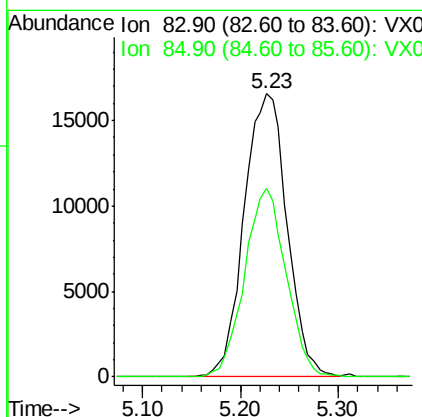
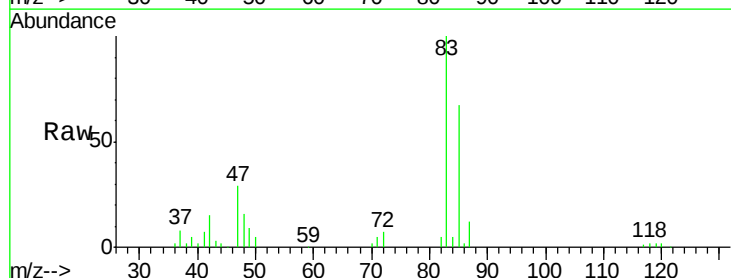
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

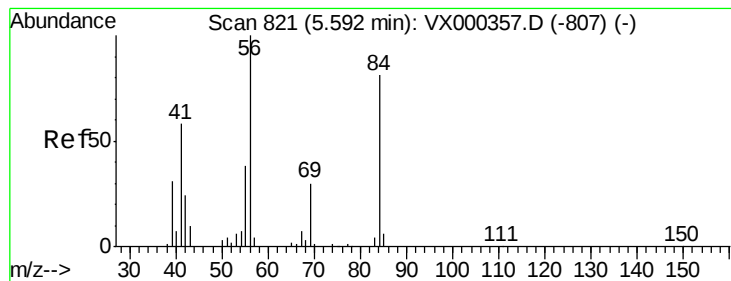
Tgt Ion: 42 Resp: 91152
Ion Ratio Lower Upper
42 100
72 45.6 37.9 56.9
71 43.8 34.4 51.6



#30
Chloroform
Concen: 18.12 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion: 83 Resp: 50368
Ion Ratio Lower Upper
83 100
85 66.8 53.3 79.9





#31

Cyclohexane

Concen: 16.53 ug/l

RT: 5.59 min Scan# 821

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

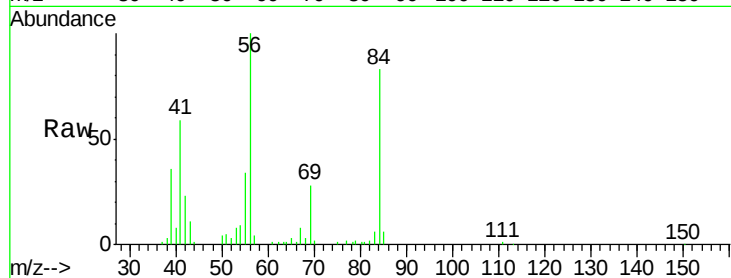
Tgt Ion: 56 Resp: 37900

Ion Ratio Lower Upper

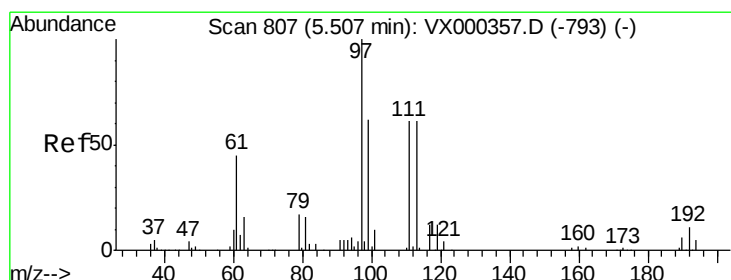
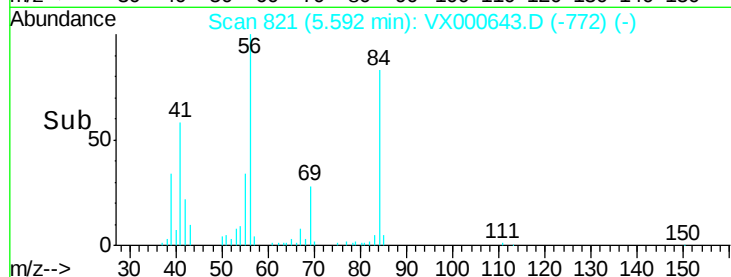
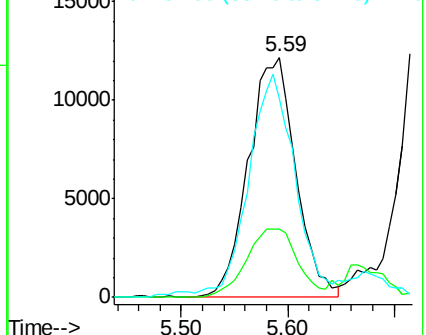
56 100

69 27.2 23.4 35.0

84 80.5 71.0 106.4



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



#32

1,1,1-Trichloroethane

Concen: 17.44 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

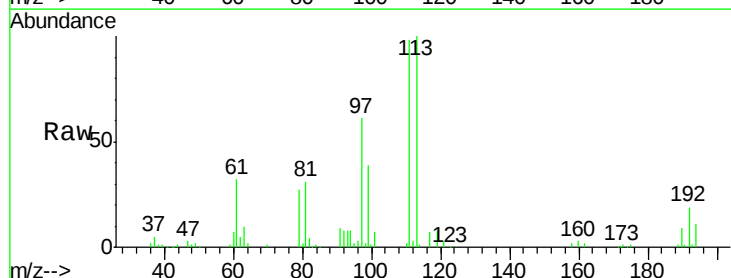
Tgt Ion: 97 Resp: 43754

Ion Ratio Lower Upper

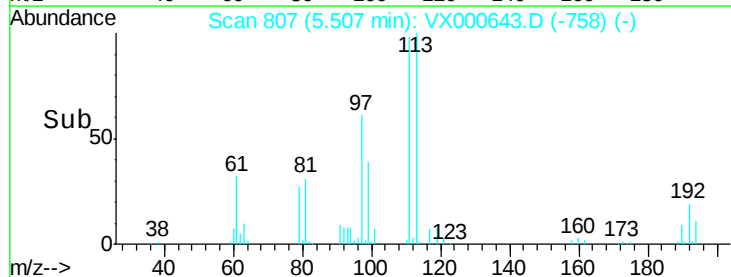
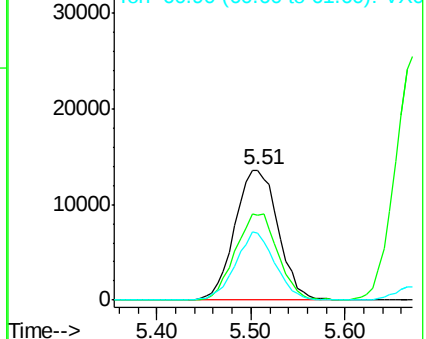
97 100

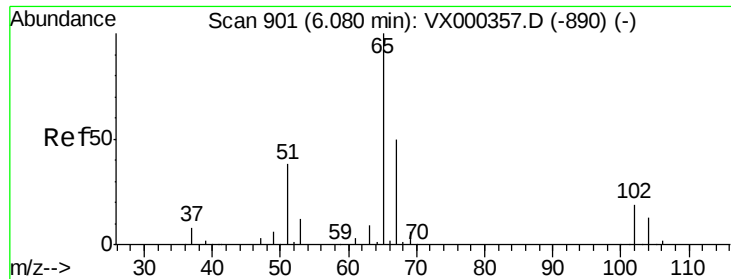
99 65.0 52.1 78.1

61 47.5 36.2 54.4



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

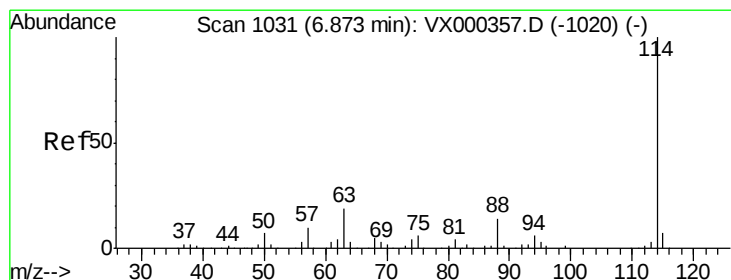
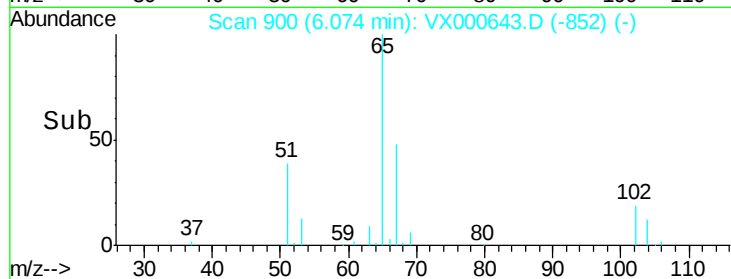
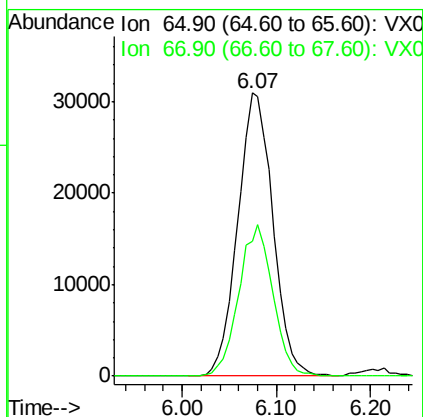
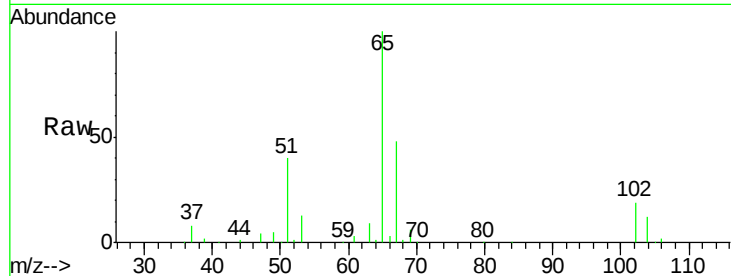




#33
 1,2-Dichloroethane-d4
 Concen: 44.54 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

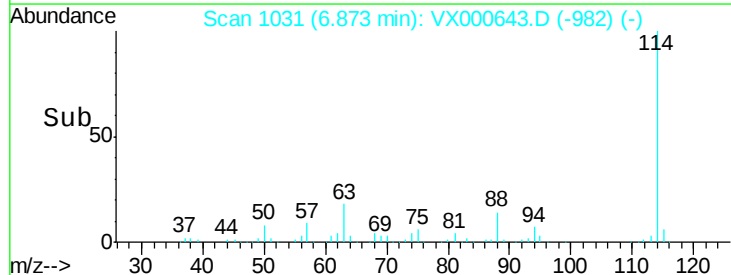
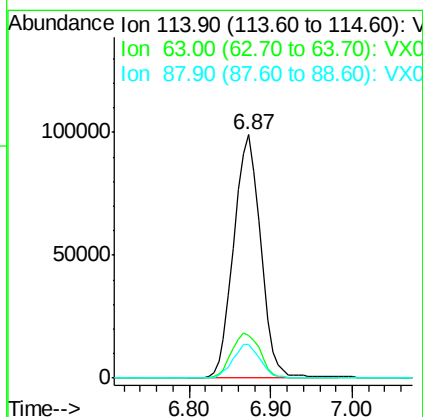
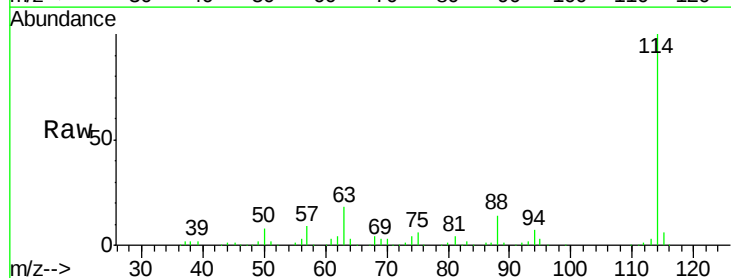
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

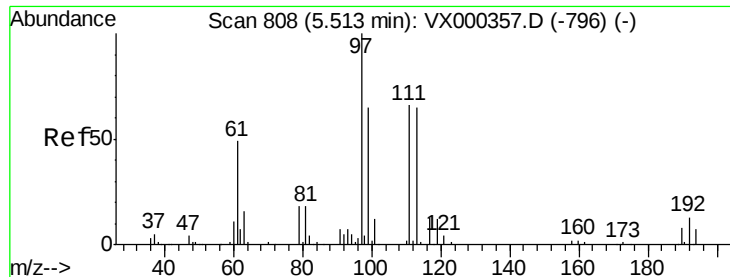
Tgt Ion: 65 Resp: 80960
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion: 114 Resp: 227502
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 38.4
 88 13.8 0.0 27.0





#35

Dibromofluoromethane

Concen: 45.39 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

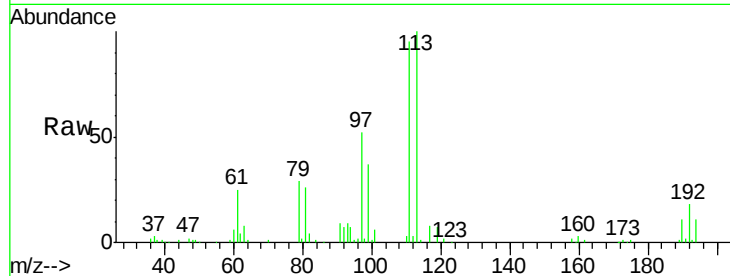
Tgt Ion:113 Resp: 65065

Ion Ratio Lower Upper

113 100

111 99.7 82.4 123.6

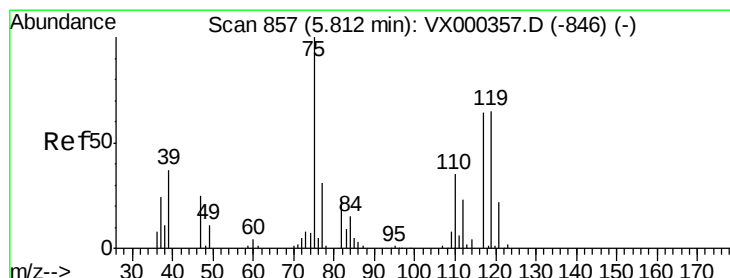
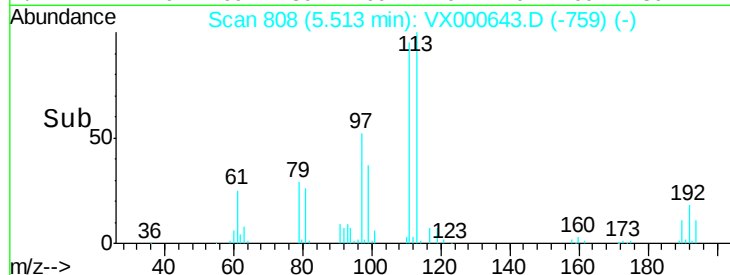
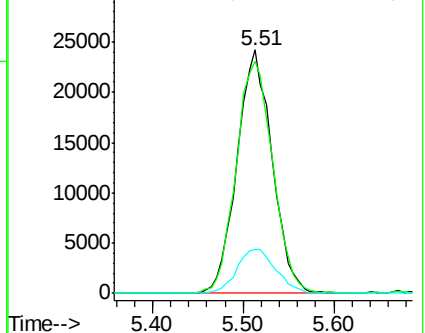
192 20.1 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.08 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

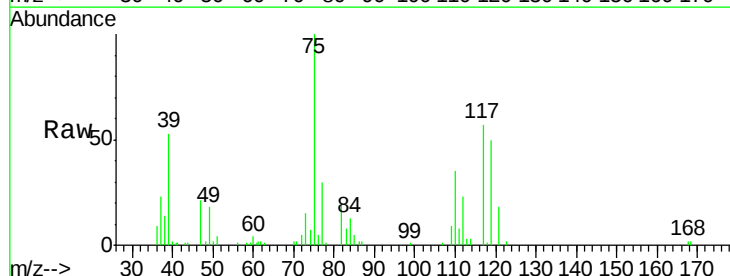
Tgt Ion: 75 Resp: 36396

Ion Ratio Lower Upper

75 100

110 36.6 17.9 53.7

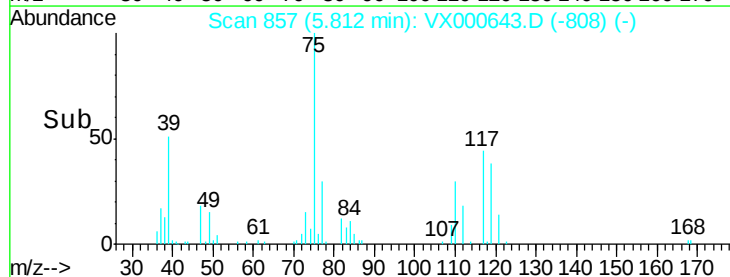
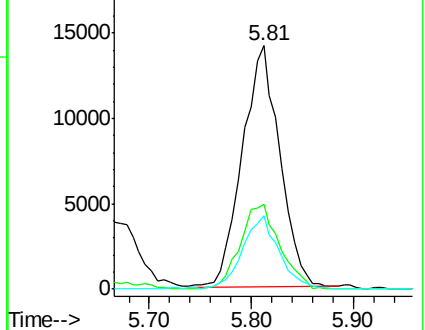
77 29.2 24.0 36.0

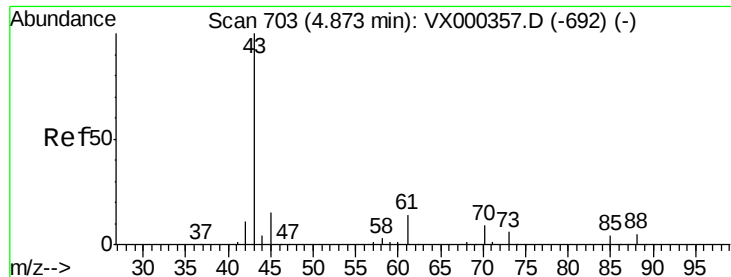


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

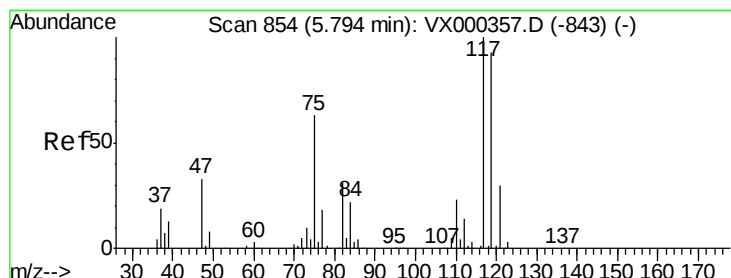
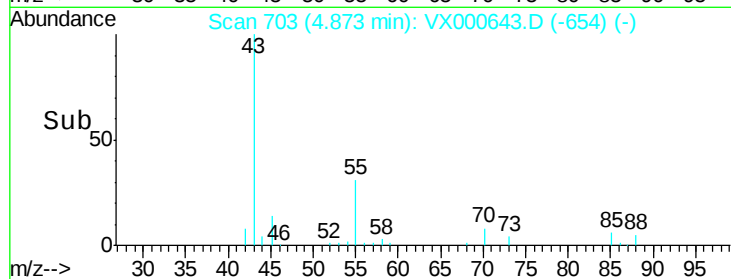
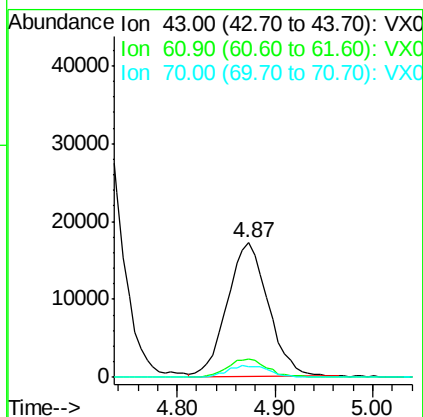
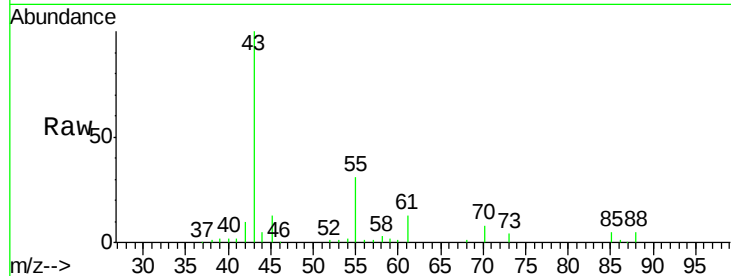




#37
Ethyl Acetate
Concen: 17.04 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

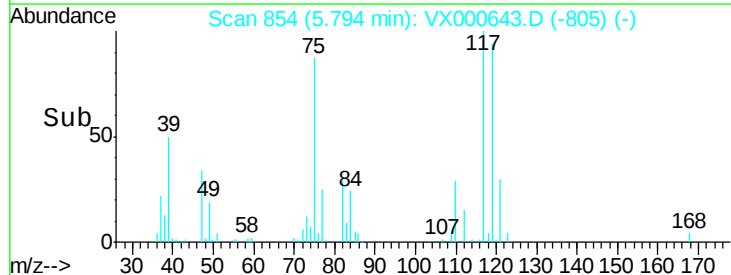
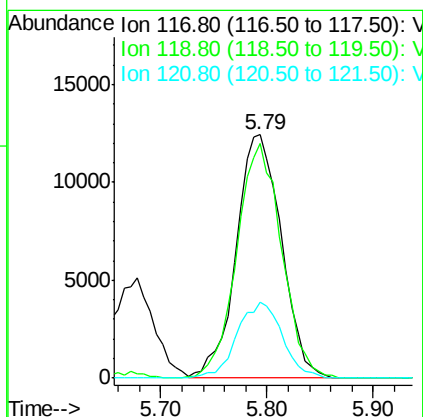
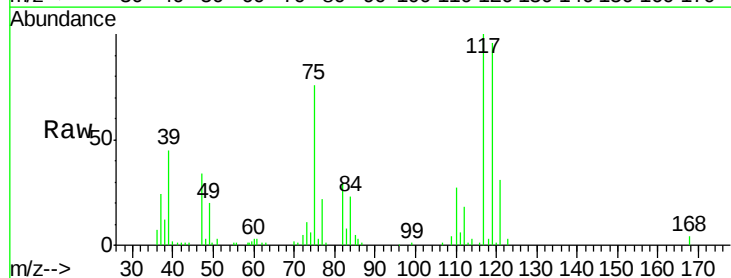
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

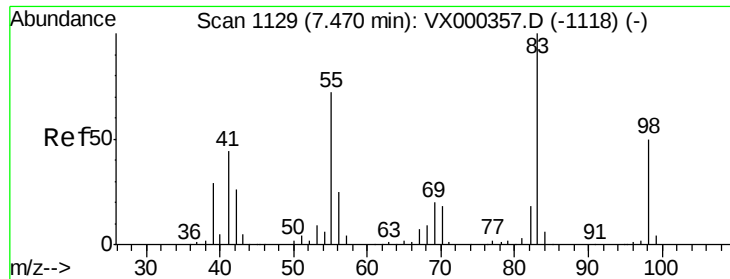
Tgt Ion: 43 Resp: 49605
Ion Ratio Lower Upper
43 100
61 13.7 11.1 16.7
70 9.0 7.7 11.5



#38
Carbon Tetrachloride
Concen: 16.55 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion: 117 Resp: 37011
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.2
121 31.2 24.8 37.2

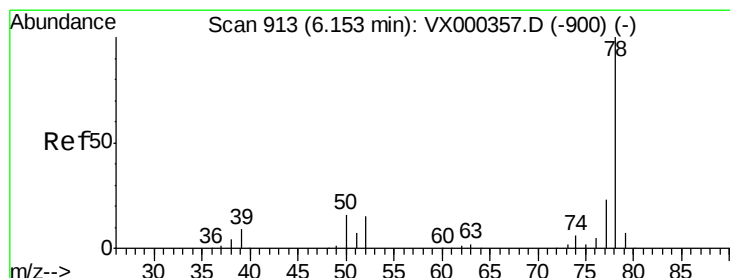
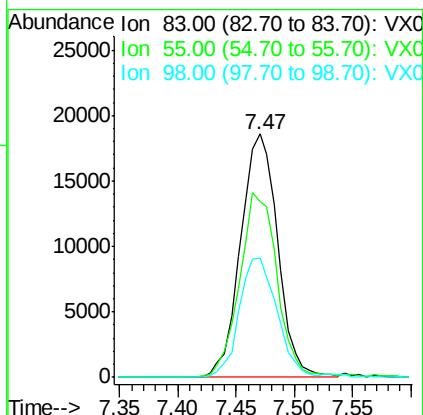
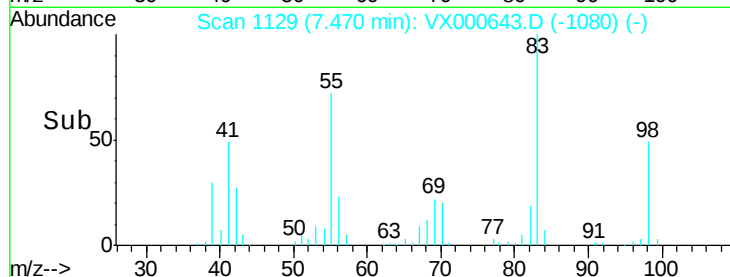
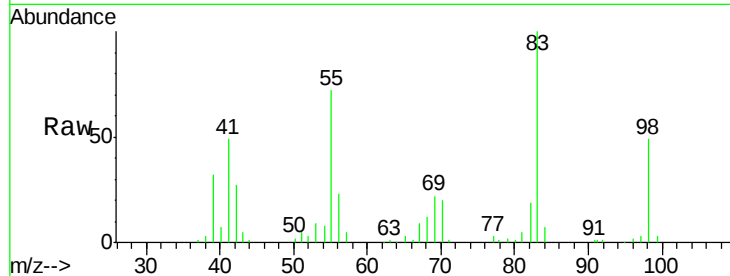




#39
Methylcyclohexane
Concen: 15.96 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

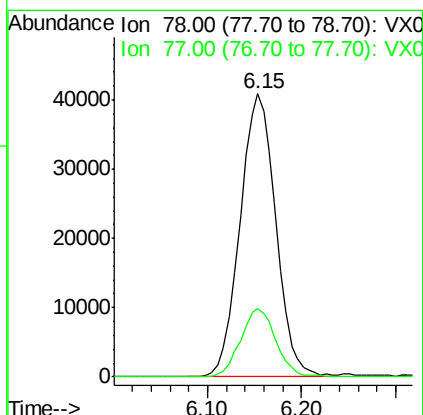
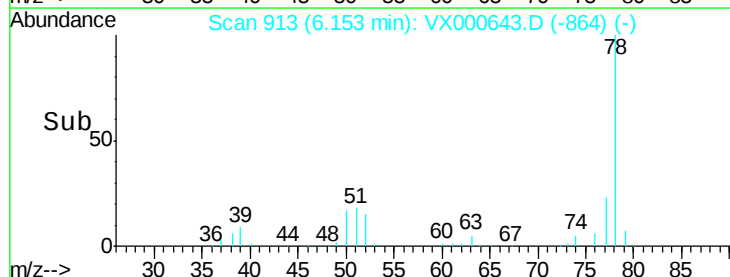
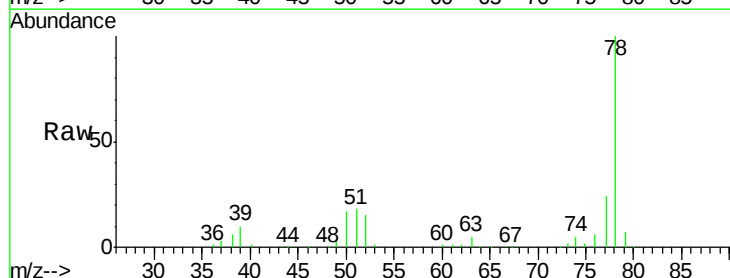
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

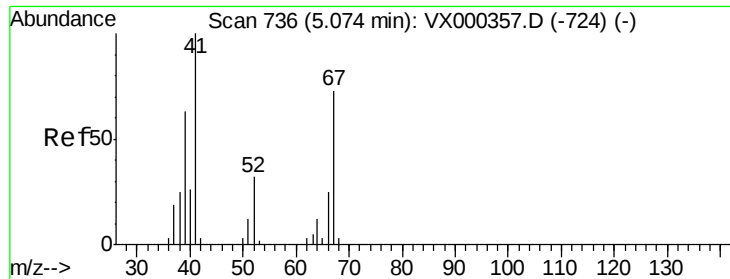
Tgt Ion: 83 Resp: 41368
Ion Ratio Lower Upper
83 100
55 72.3 55.5 83.3
98 49.0 38.2 57.4



#40
Benzene
Concen: 17.56 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion: 78 Resp: 108650
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1

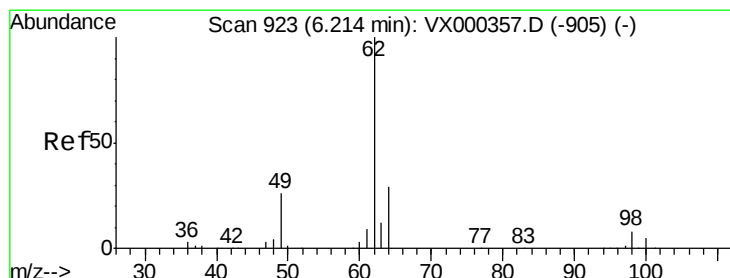
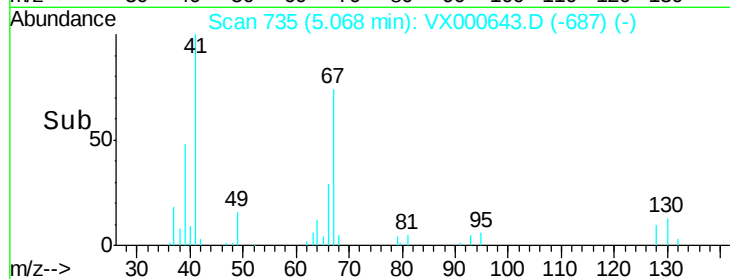
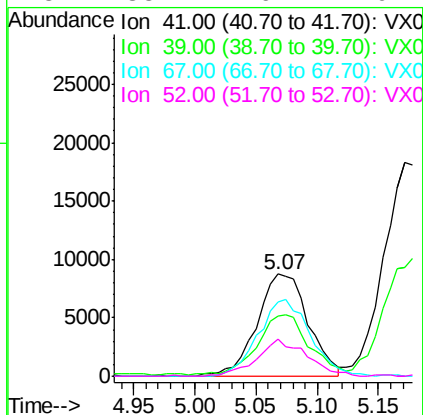
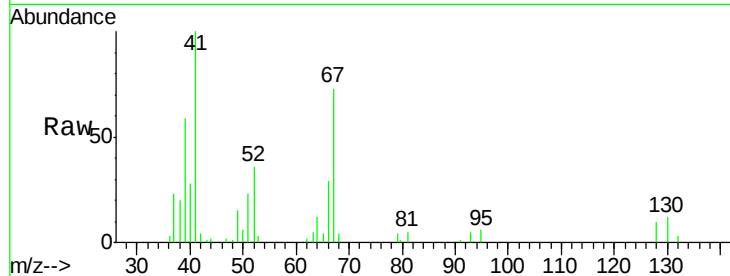




#41
Methacrylonitrile
Concen: 16.63 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

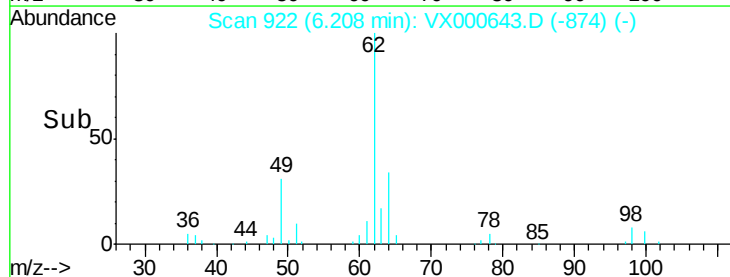
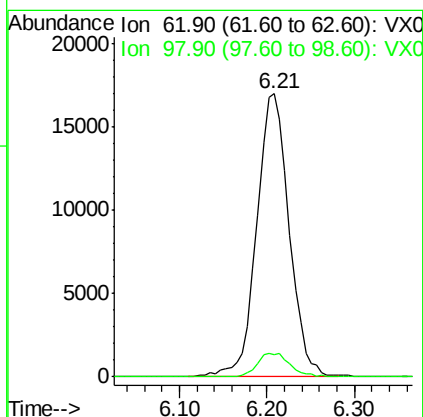
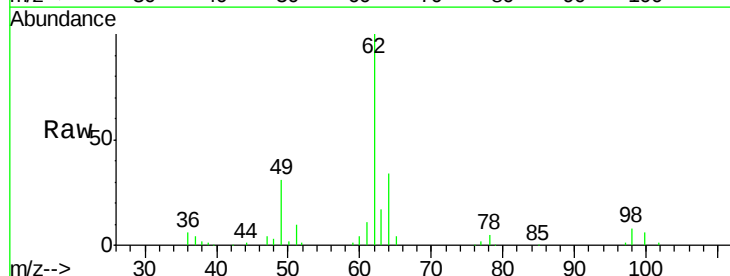
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tgt Ion:	41	Resp:	25527
Ion	Ratio	Lower	Upper
41	100		
39	58.3	45.7	68.5
67	76.0	57.8	86.8
52	35.2	26.7	40.1



#42
1,2-Dichloroethane
Concen: 18.06 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion:	62	Resp:	43851
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.8



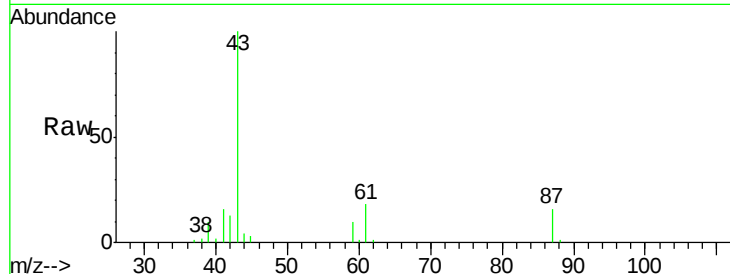


#43

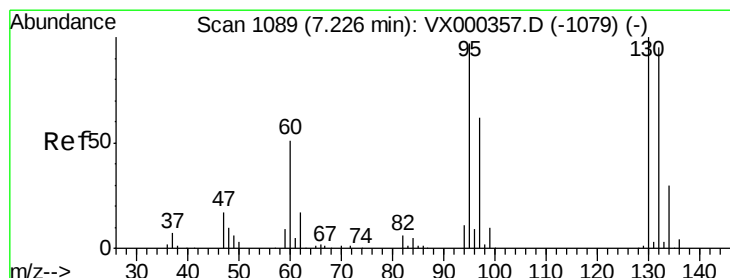
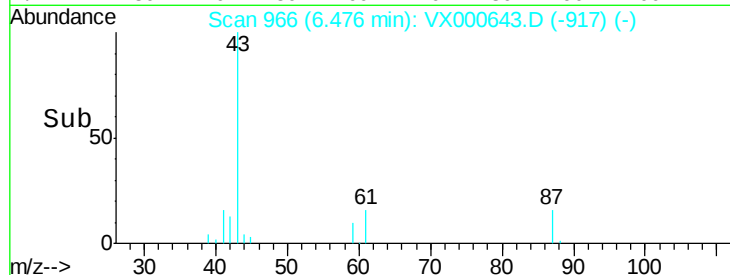
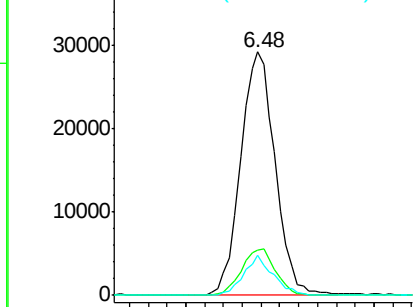
Isopropyl Acetate
 Concen: 17.22 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tgt Ion: 43 Resp: 74618
 Ion Ratio Lower Upper
 43 100
 61 18.8 14.4 21.6
 87 14.1 11.0 16.4



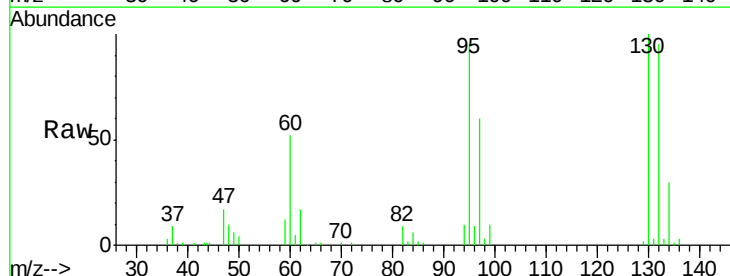
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



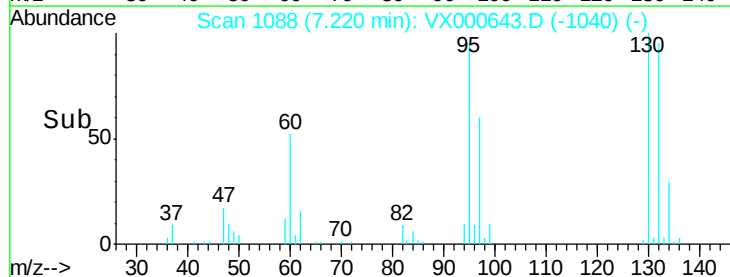
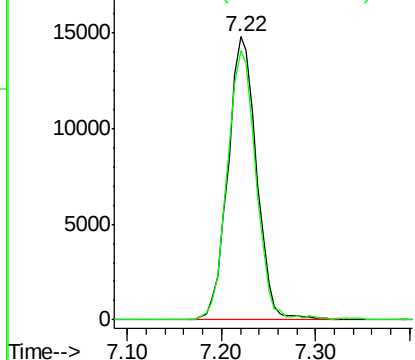
#44

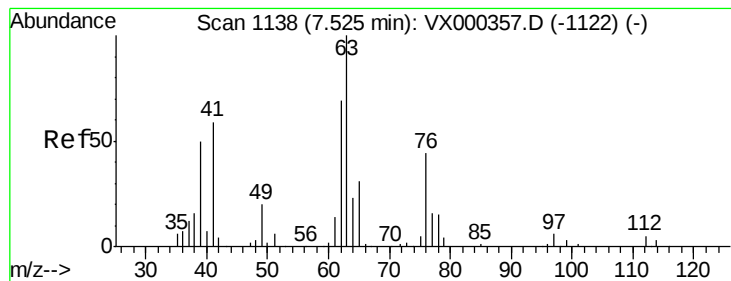
Trichloroethene
 Concen: 17.63 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion: 130 Resp: 31255
 Ion Ratio Lower Upper
 130 100
 95 95.2 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 17.98 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

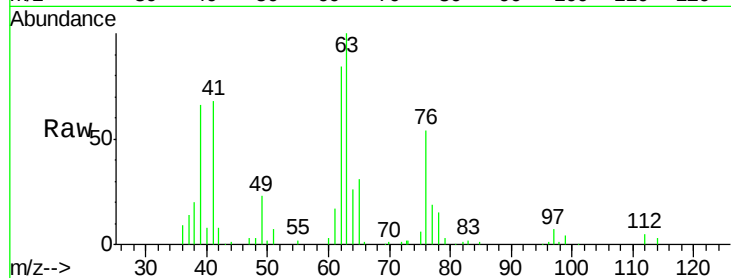
VX0402WBSD01

Tgt Ion: 63 Resp: 28486

Ion Ratio Lower Upper

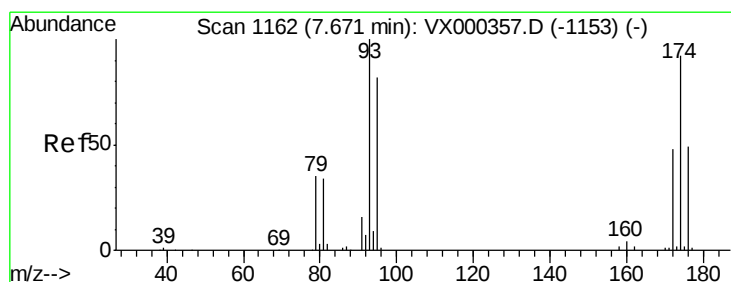
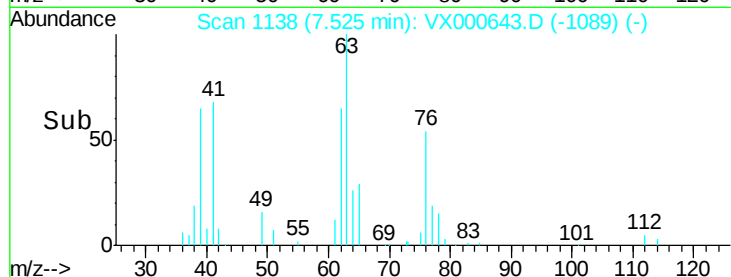
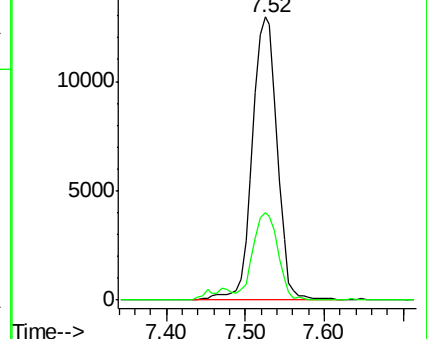
63 100

65 31.0 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.61 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

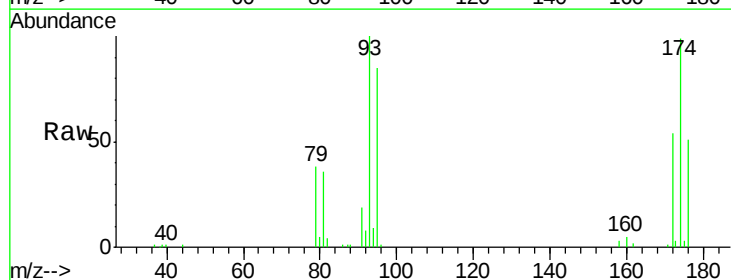
Tgt Ion: 93 Resp: 21891

Ion Ratio Lower Upper

93 100

95 81.4 66.5 99.7

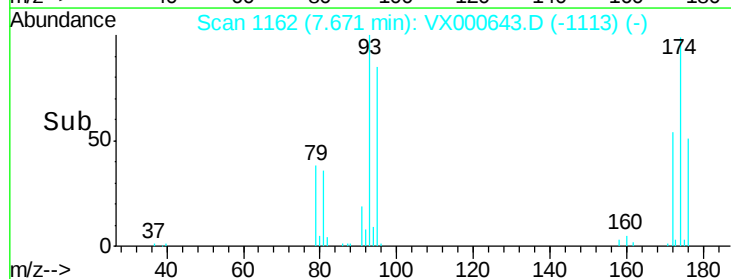
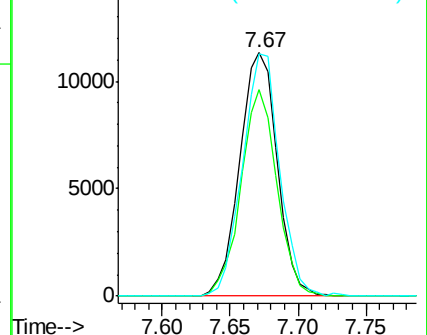
174 98.2 76.0 114.0

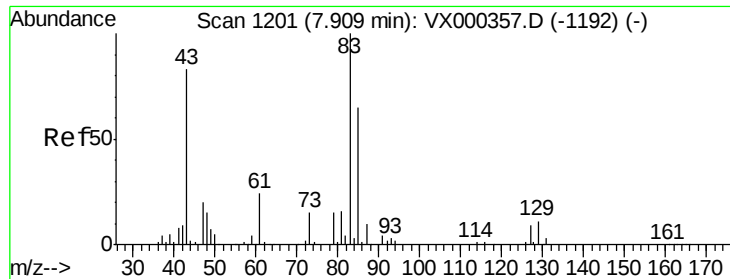


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.68 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

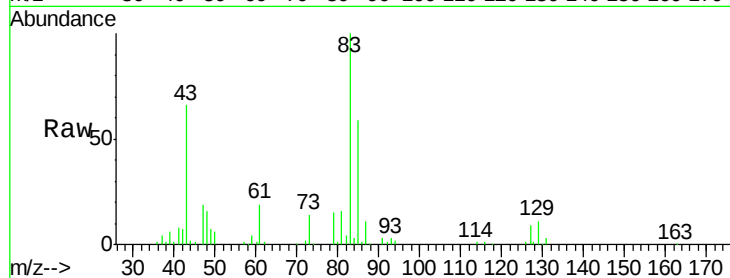
Tgt Ion: 83 Resp: 40866

Ion Ratio Lower Upper

83 100

85 58.7 51.4 77.0

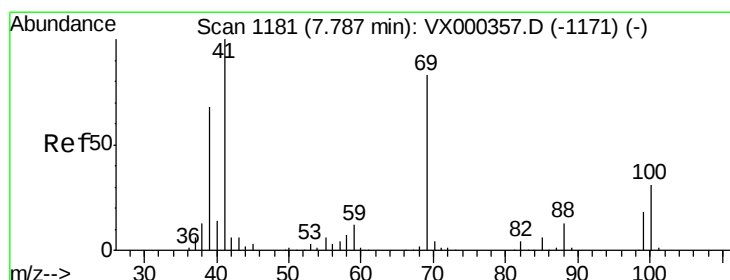
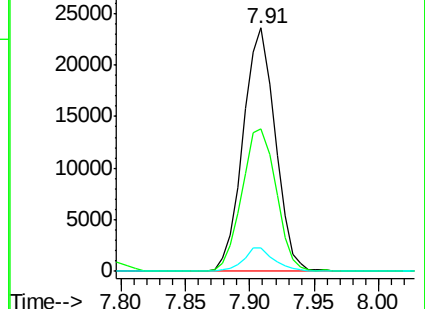
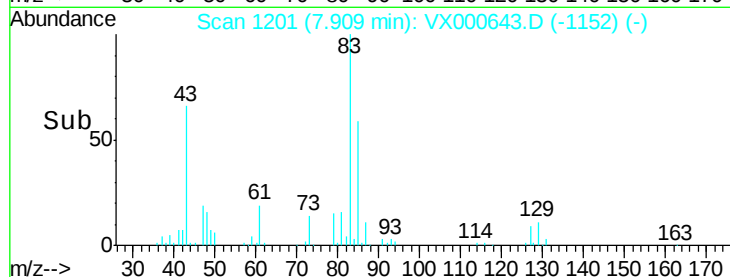
127 9.5 7.0 10.6



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: 17.85 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

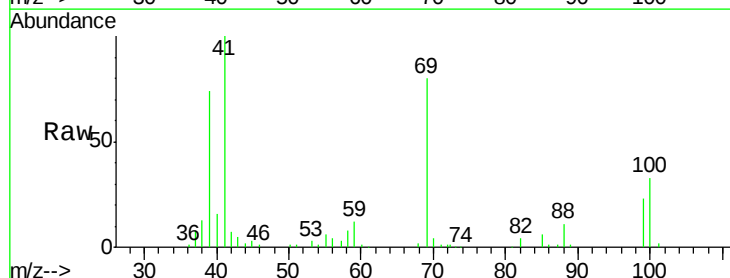
Tgt Ion: 41 Resp: 37560

Ion Ratio Lower Upper

41 100

69 85.9 68.2 102.4

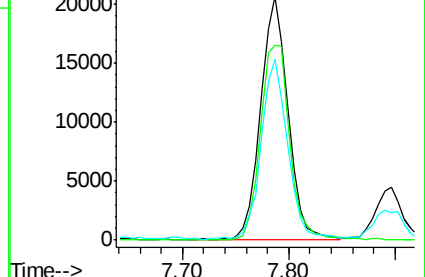
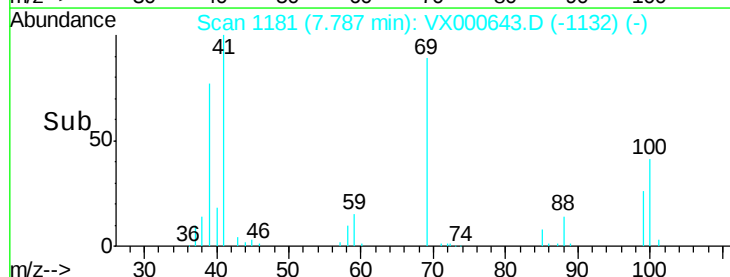
39 71.2 54.6 81.8

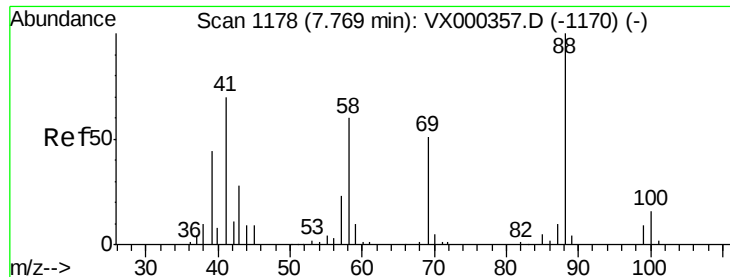


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

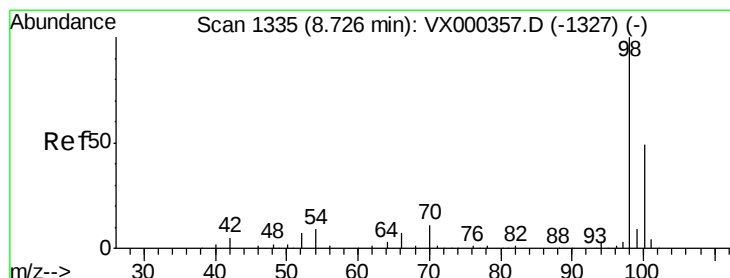
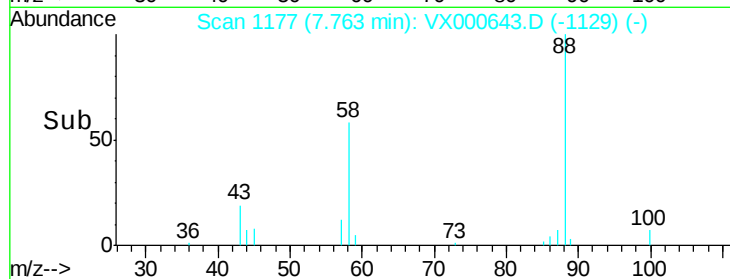
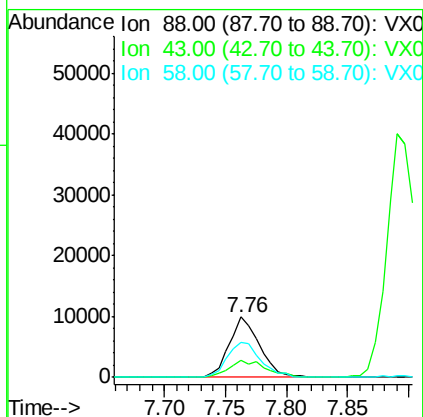
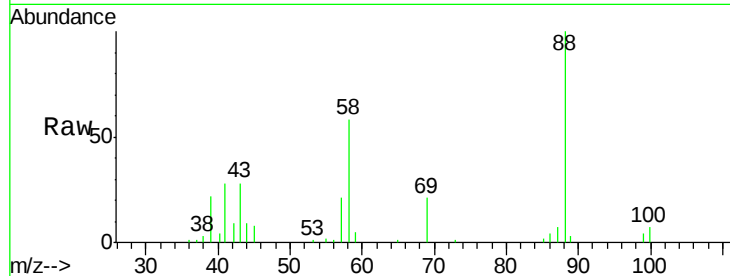




#49
 1,4-Dioxane
 Concen: 385.48 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

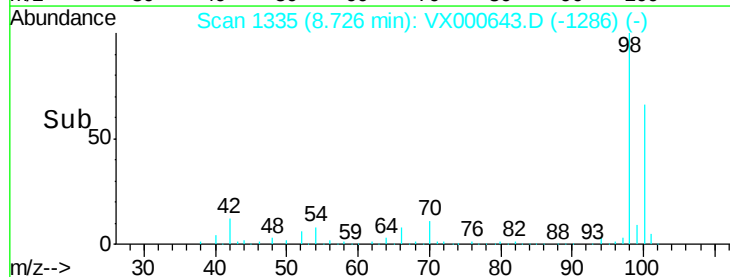
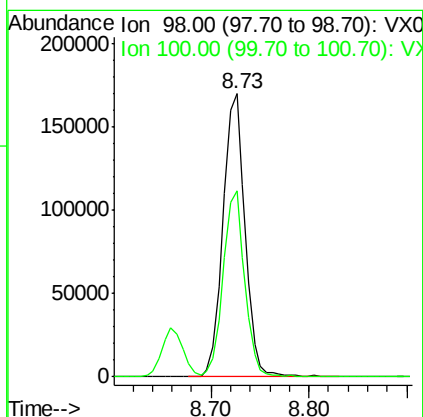
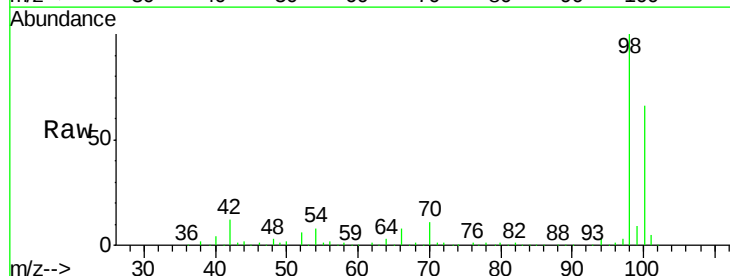
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0402WBSD01

Tgt Ion: 88 Resp: 17045
 Ion Ratio Lower Upper
 88 100
 43 34.1 26.8 40.2
 58 63.8 52.2 78.2



#50
 Toluene-d8
 Concen: 44.89 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion: 98 Resp: 266534
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 90.65 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

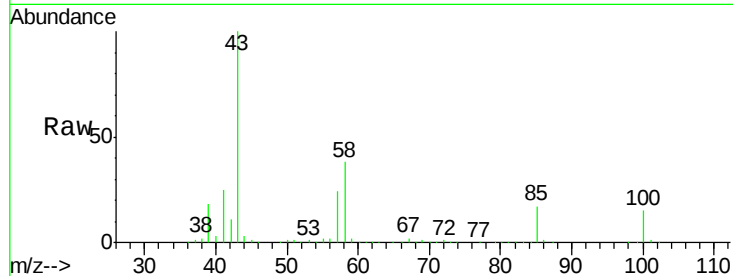
VX0402WBSD01

Tgt Ion: 43 Resp: 304019

Ion Ratio Lower Upper

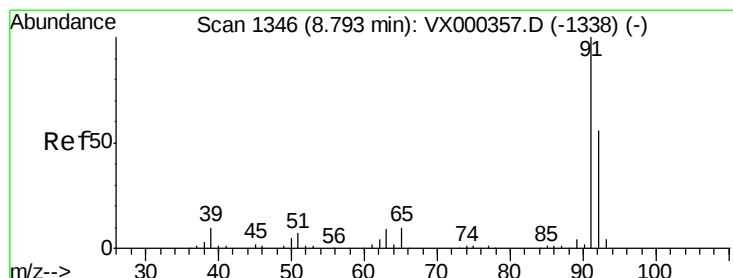
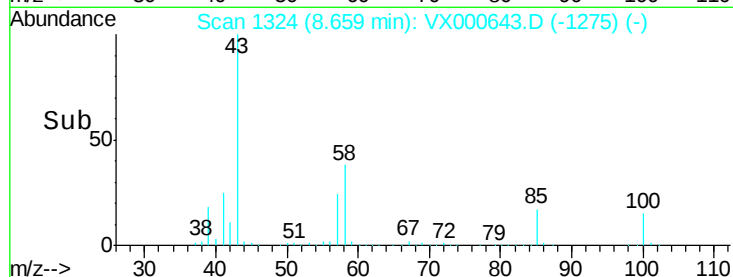
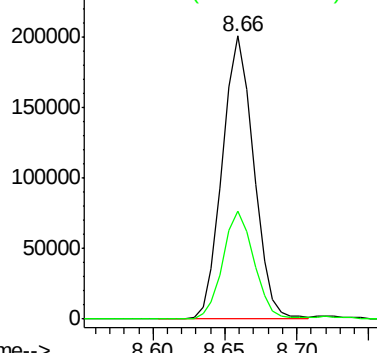
43 100

58 37.8 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 17.88 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000643.D

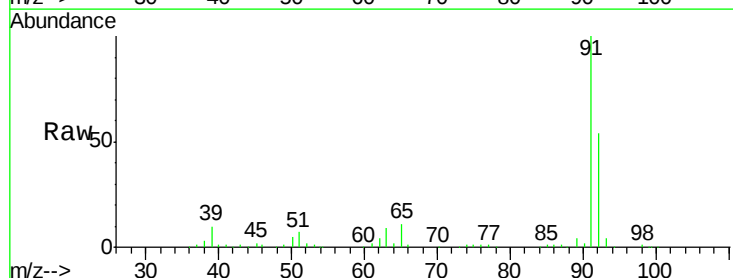
Acq: 02 Apr 2018 16:15

Tgt Ion: 92 Resp: 77340

Ion Ratio Lower Upper

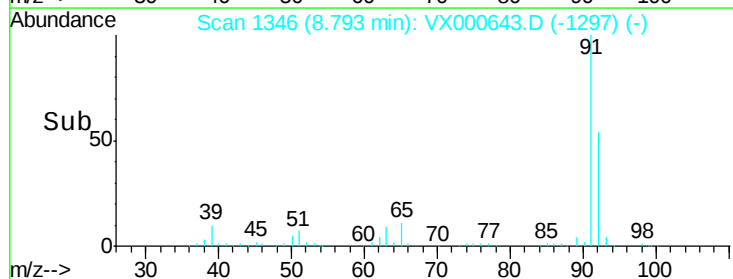
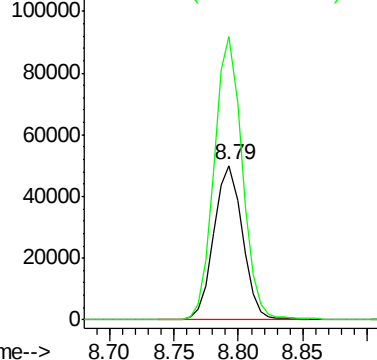
92 100

91 179.5 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.24 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

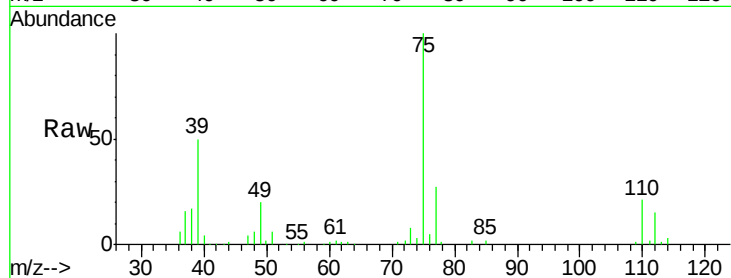
VX0402WBSD01

Tgt Ion: 75 Resp: 46234

Ion Ratio Lower Upper

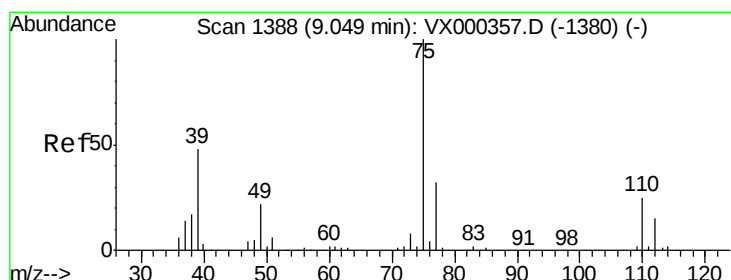
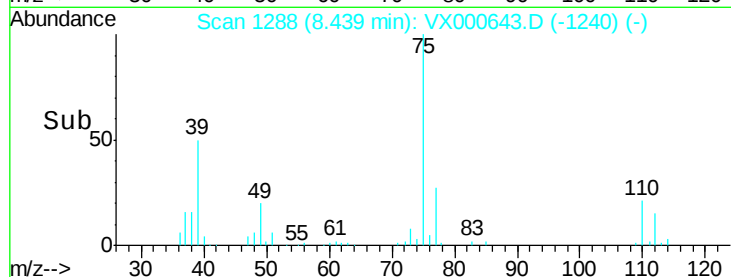
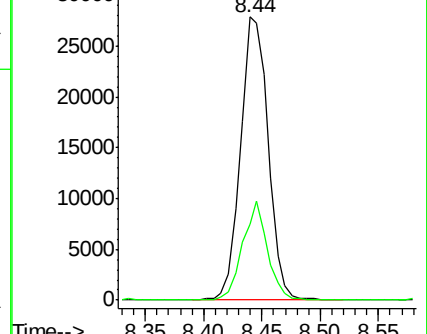
75 100

77 26.8 24.0 36.0



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: 18.46 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

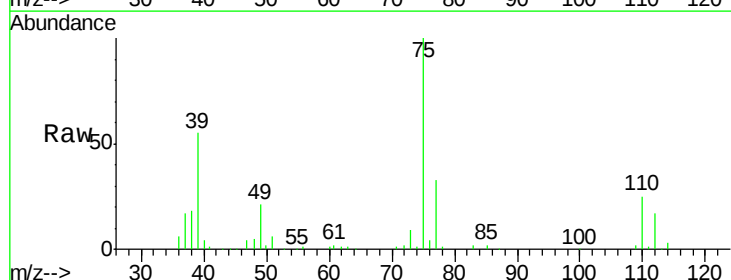
Tgt Ion: 75 Resp: 45386

Ion Ratio Lower Upper

75 100

77 33.3 26.1 39.1

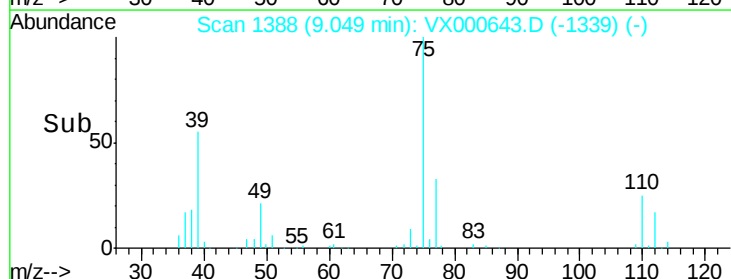
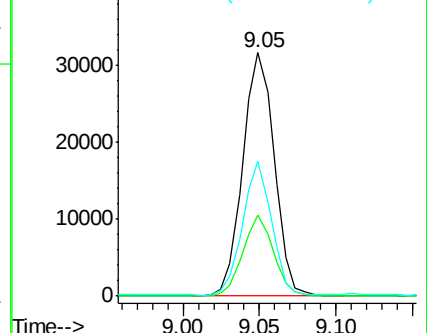
39 54.7 39.8 59.6

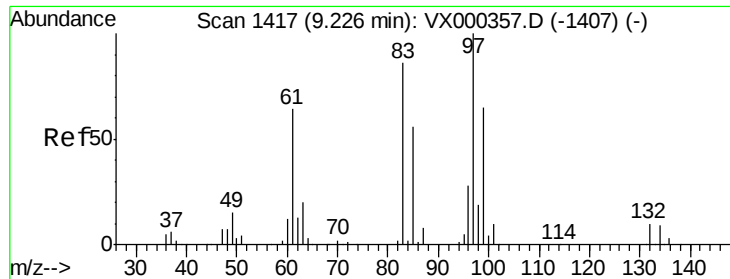


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

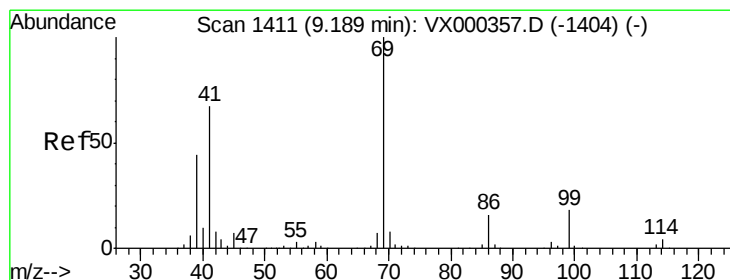
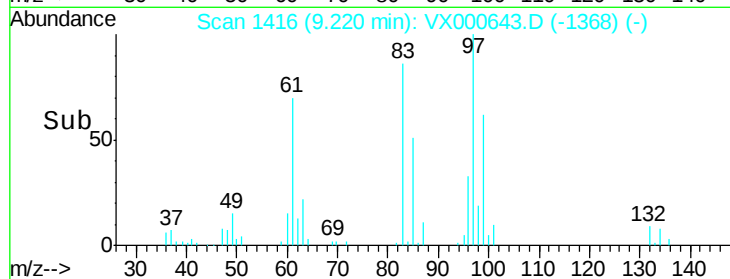
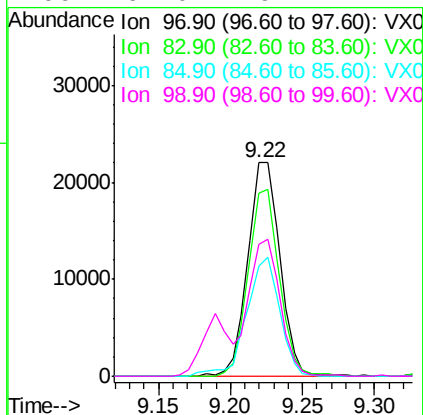
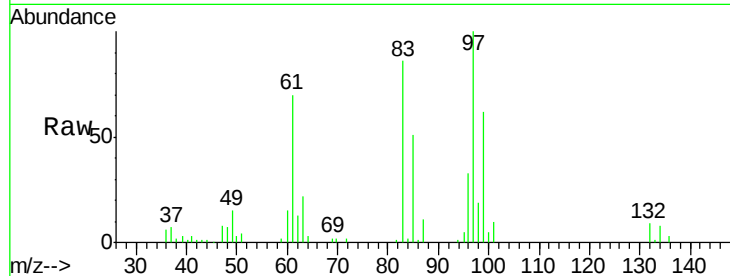




#55
 1,1,2-Trichloroethane
 Concen: 19.07 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

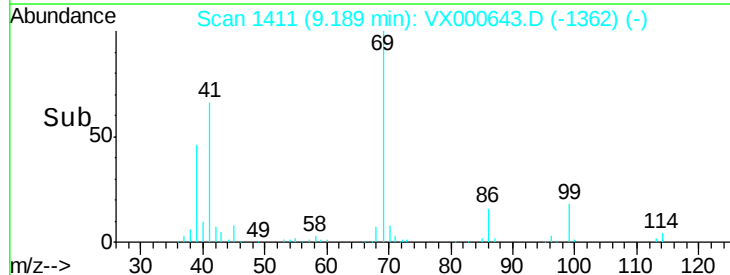
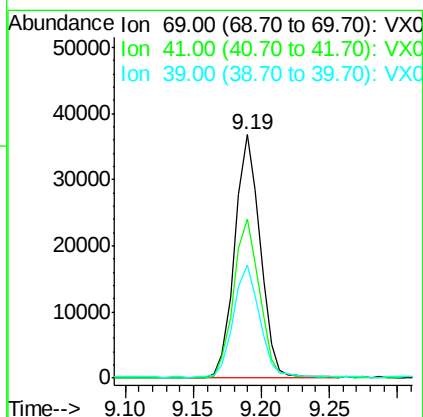
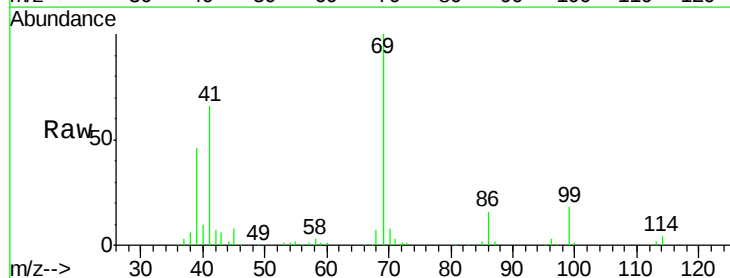
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0402WBSD01

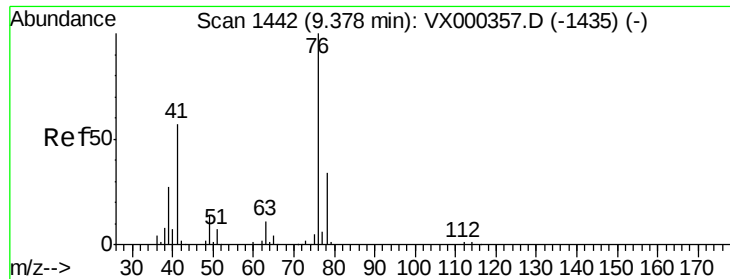
Tgt Ion: 97 Resp: 33922
 Ion Ratio Lower Upper
 97 100
 83 85.8 67.9 101.9
 85 51.3 42.8 64.2
 99 61.0 49.4 74.2



#56
 Ethyl methacrylate
 Concen: 17.95 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion: 69 Resp: 48381
 Ion Ratio Lower Upper
 69 100
 41 66.8 53.0 79.6
 39 47.1 35.3 52.9





#57

1,3-Dichloropropane

Concen: 19.16 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

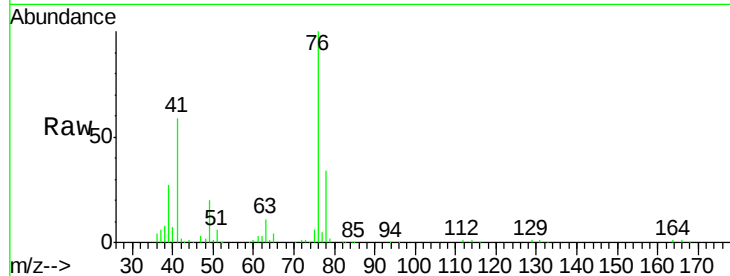
VX0402WBSD01

Tgt Ion: 76 Resp: 54534

Ion Ratio Lower Upper

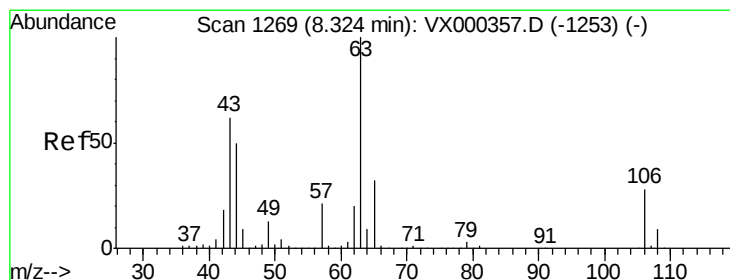
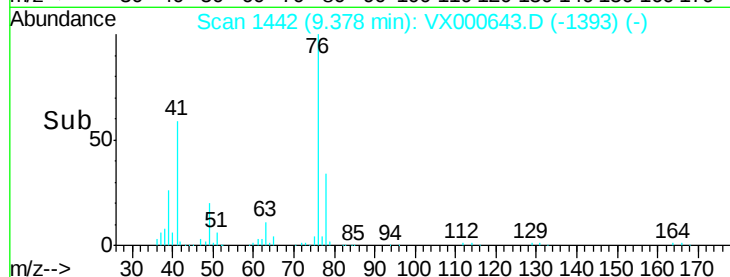
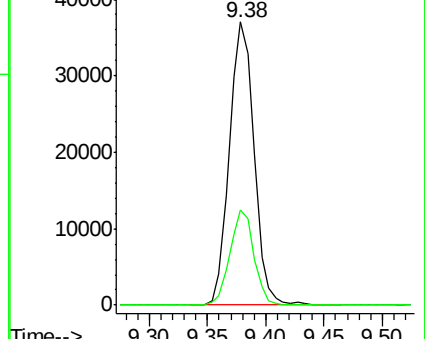
76 100

78 32.6 26.4 39.6



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: 71.06 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000643.D

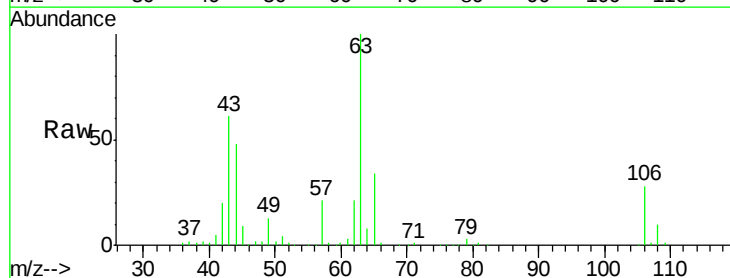
Acq: 02 Apr 2018 16:15

Tgt Ion: 63 Resp: 91947

Ion Ratio Lower Upper

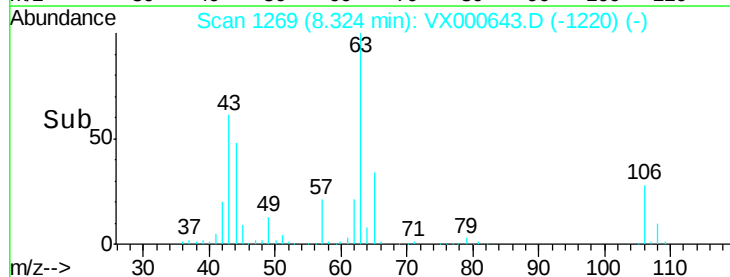
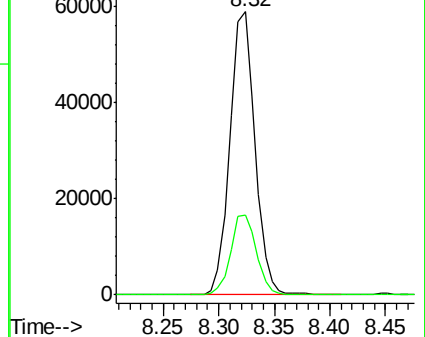
63 100

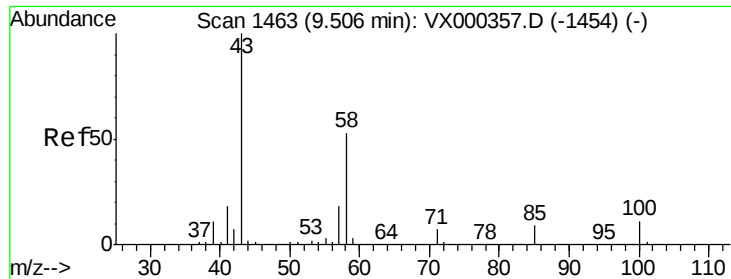
106 28.9 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

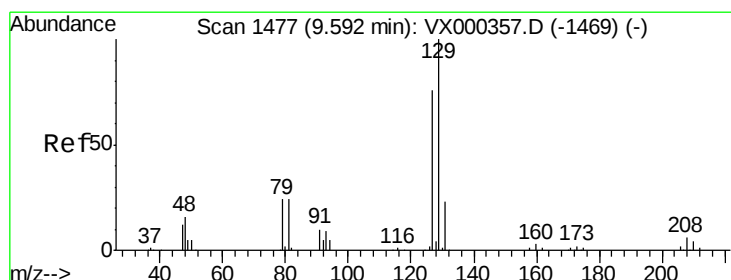
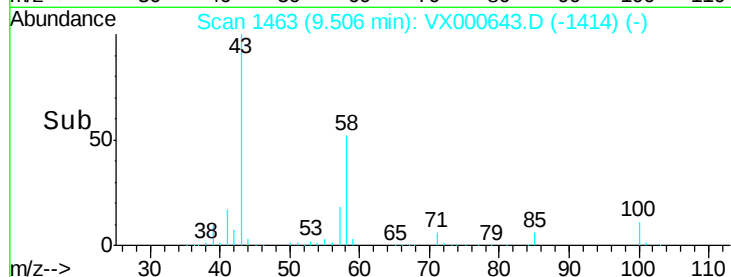
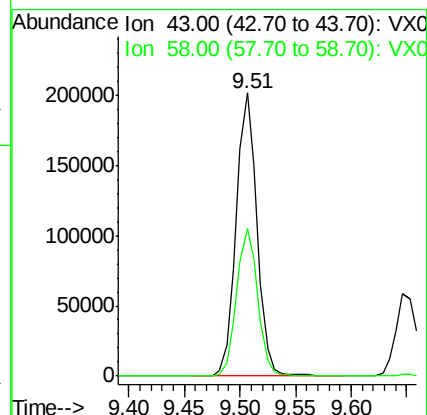
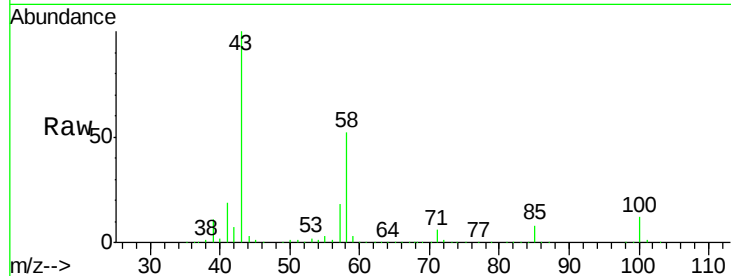




#59
2-Hexanone
Concen: 91.77 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

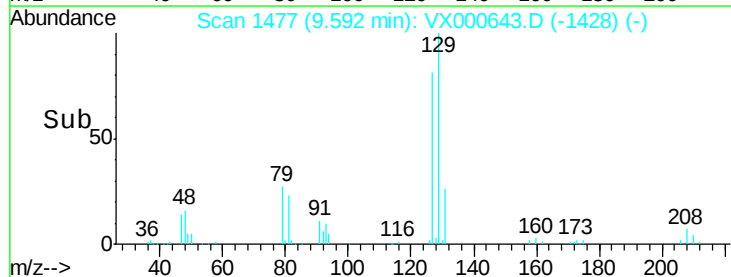
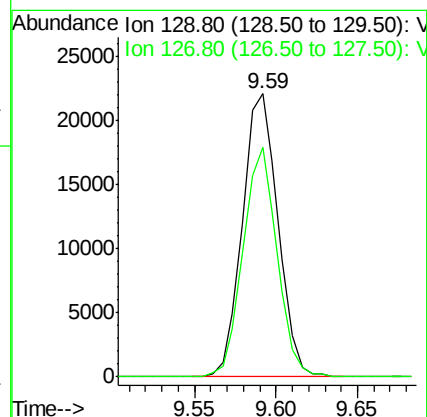
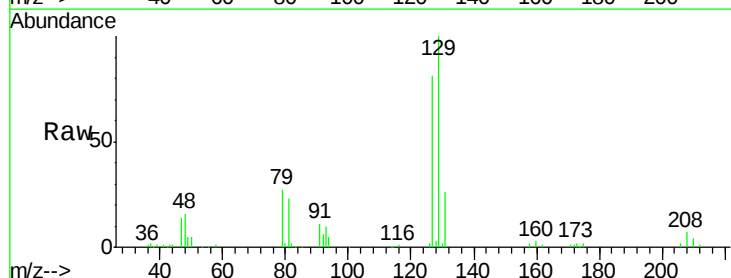
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

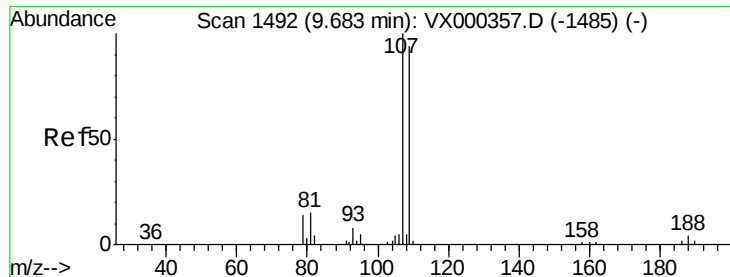
Tgt Ion: 43 Resp: 261359
Ion Ratio Lower Upper
43 100
58 52.8 26.6 79.7



#60
Dibromochloromethane
Concen: 18.77 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion: 129 Resp: 33621
Ion Ratio Lower Upper
129 100
127 77.6 37.9 113.6





#61

1,2-Dibromoethane

Concen: 18.99 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

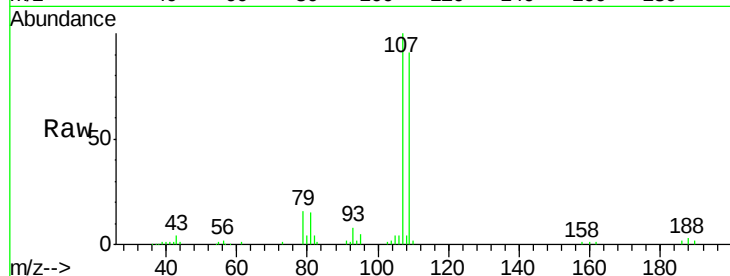
VX0402WBSD01

Tgt Ion: 107 Resp: 36234

Ion Ratio Lower Upper

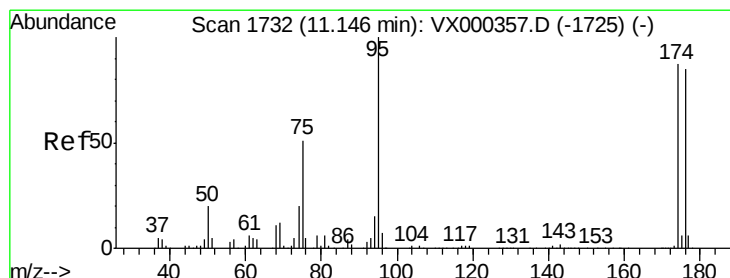
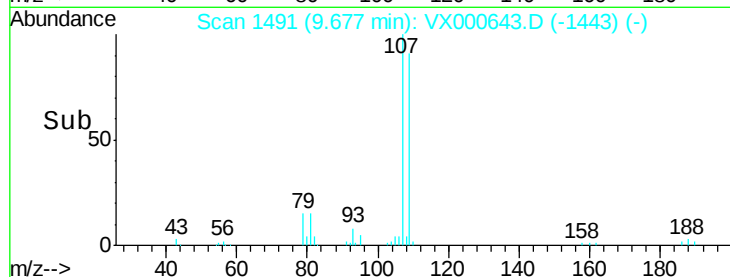
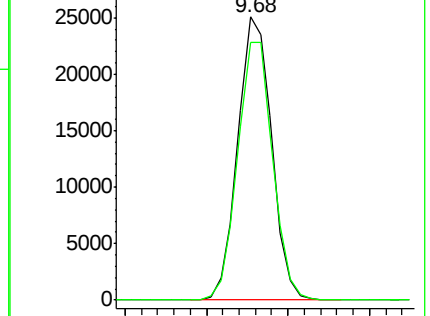
107 100

109 94.9 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.74 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

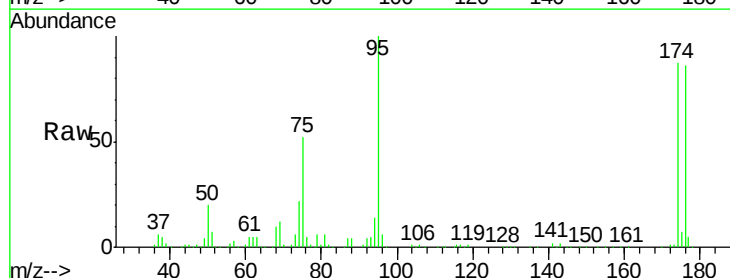
Tgt Ion: 95 Resp: 107533

Ion Ratio Lower Upper

95 100

174 87.3 0.0 173.6

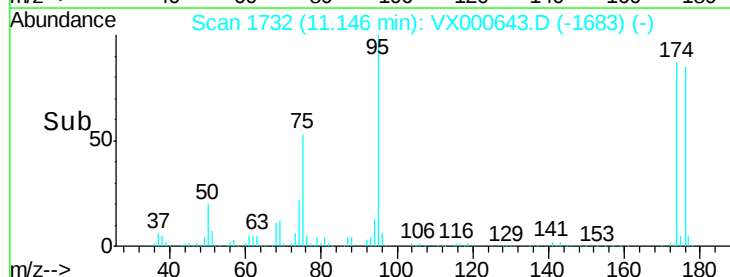
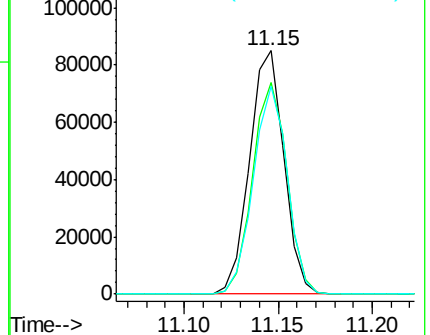
176 84.7 0.0 164.6

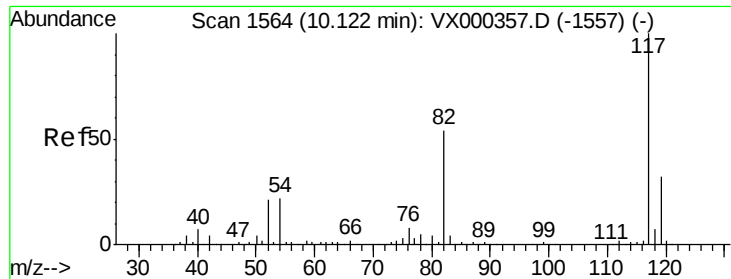


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

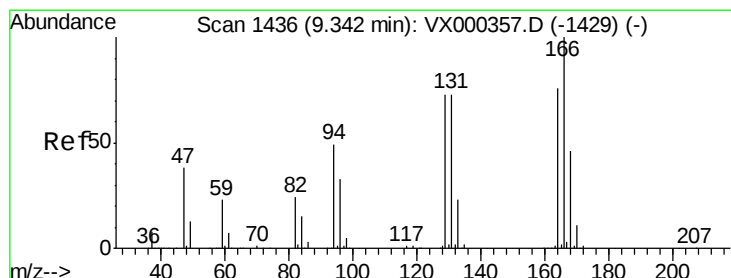
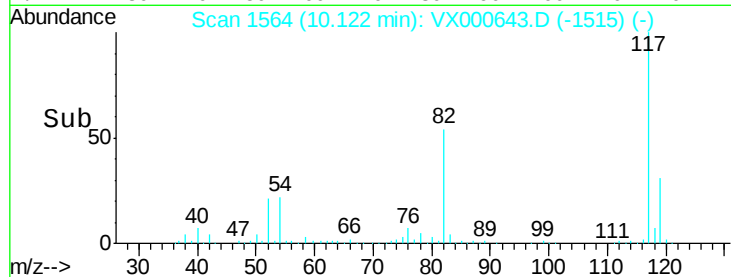
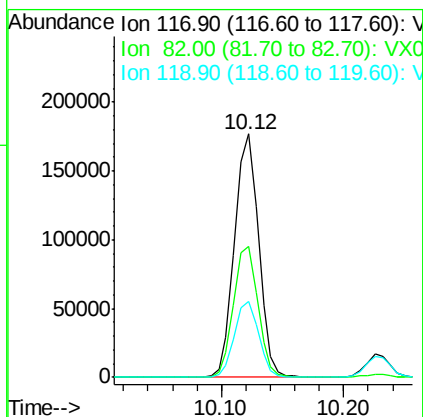
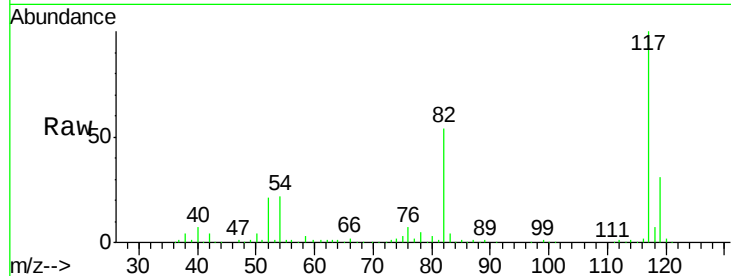




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

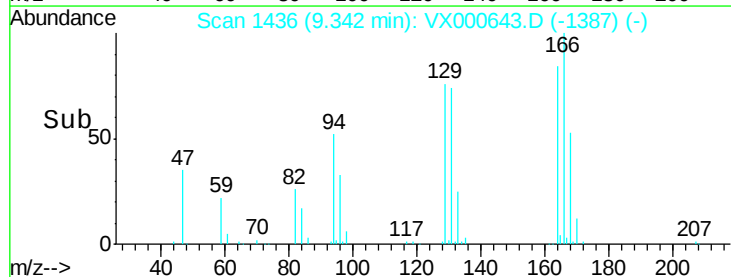
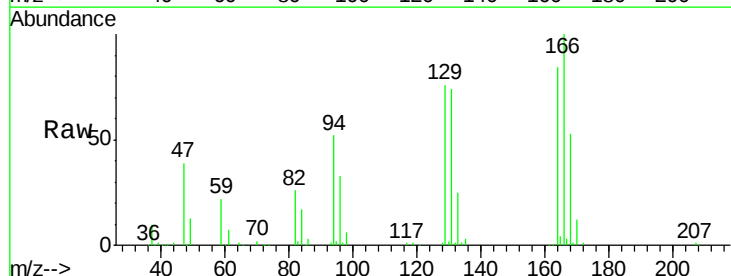
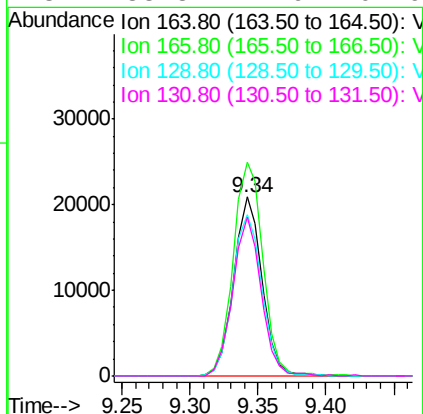
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

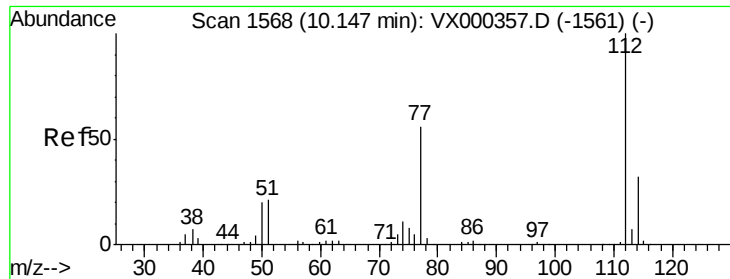
Tgt Ion:117 Resp: 241228
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.8
119 31.3 24.9 37.3



#64
Tetrachloroethene
Concen: 16.18 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion:164 Resp: 30286
Ion Ratio Lower Upper
164 100
166 119.4 101.0 151.6
129 90.4 79.0 118.4
131 88.8 71.9 107.9

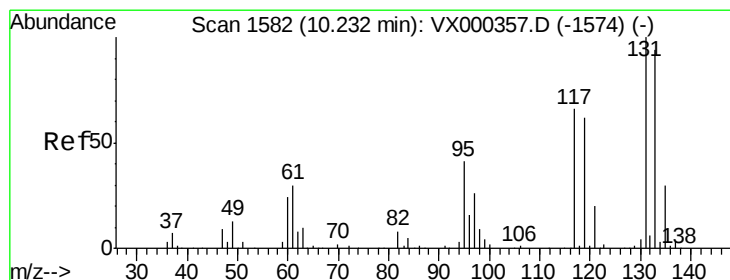
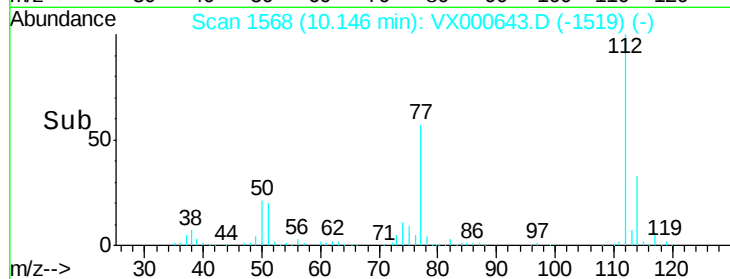
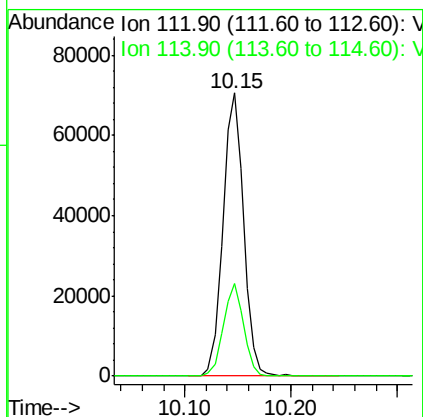
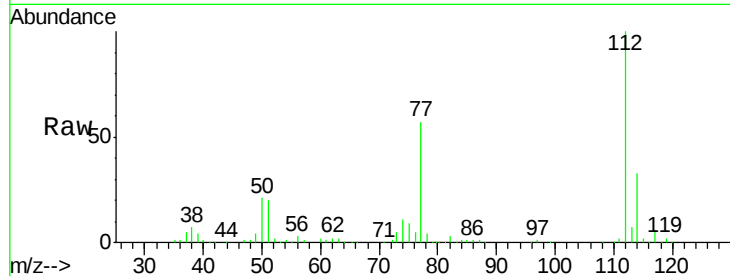




#65
Chlorobenzene
Concen: 17.82 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

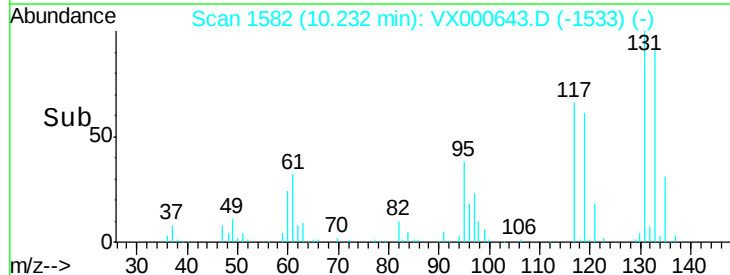
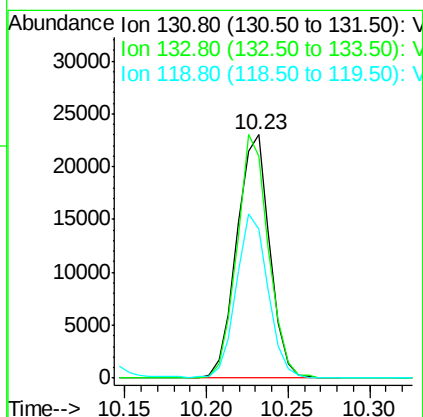
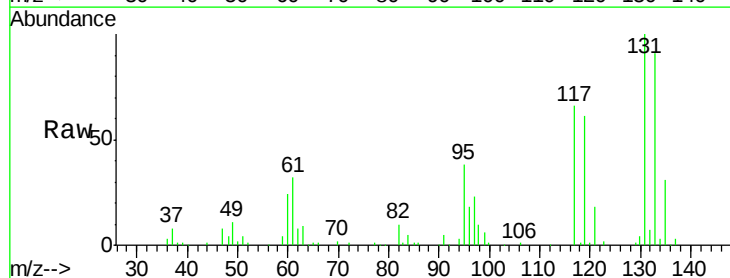
Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

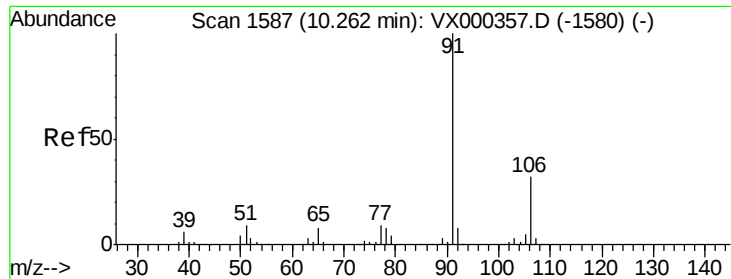
Tgt Ion:112 Resp: 95654
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 17.71 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion:131 Resp: 32292
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.3
119 65.1 33.1 99.2





#67

Ethyl Benzene

Concen: 17.49 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

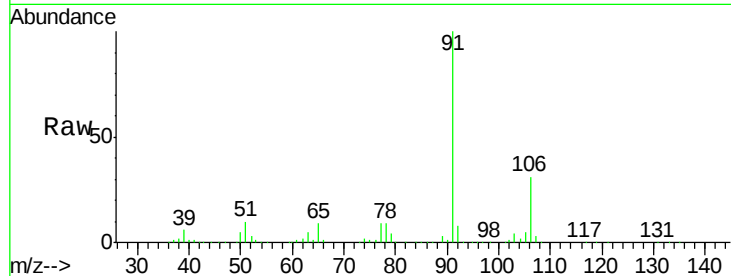
VX0402WBSD01

Tgt Ion: 91 Resp: 159135

Ion Ratio Lower Upper

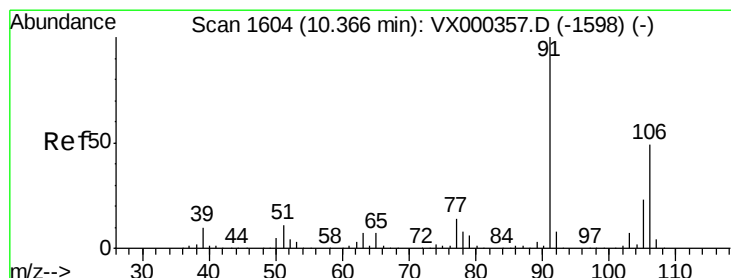
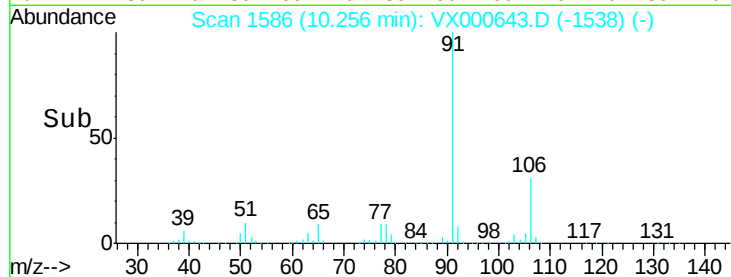
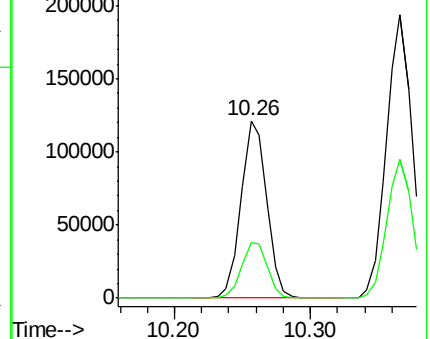
91 100

106 31.4 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 34.84 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000643.D

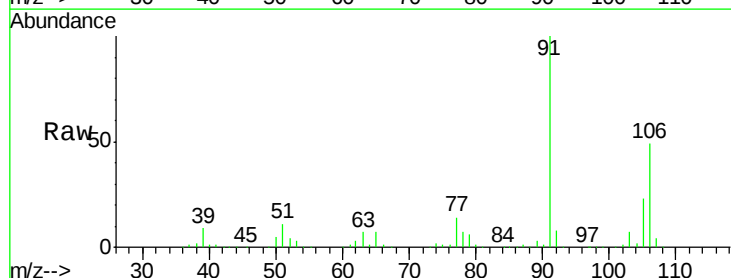
Acq: 02 Apr 2018 16:15

Tgt Ion: 106 Resp: 124771

Ion Ratio Lower Upper

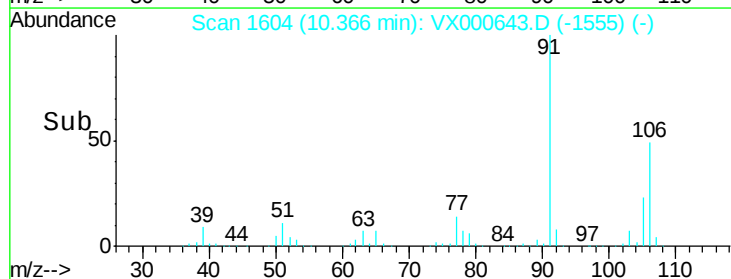
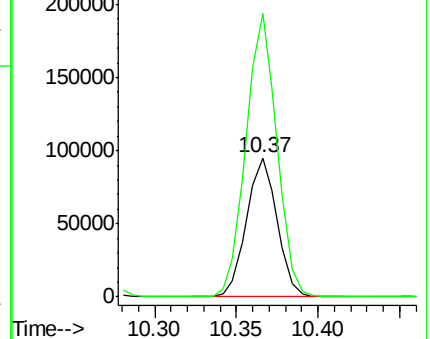
106 100

91 204.3 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

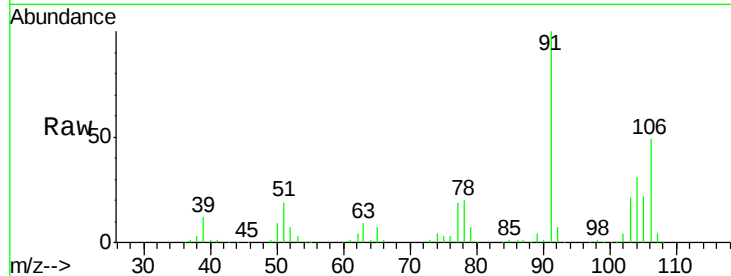




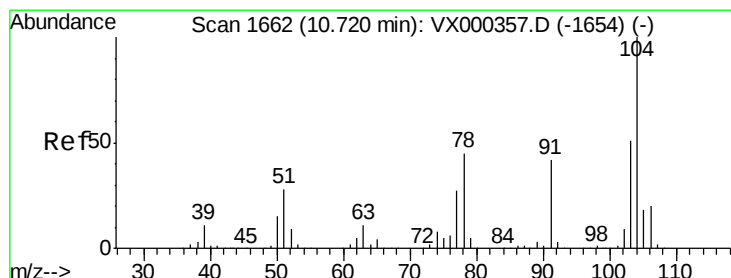
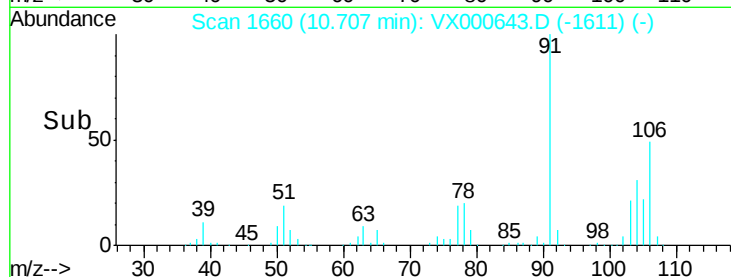
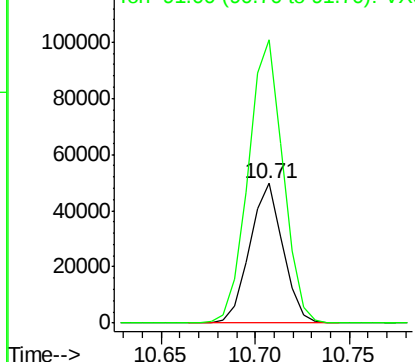
#69
o-Xylene
Concen: 17.54 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tgt Ion:106 Resp: 60830
Ion Ratio Lower Upper
106 100
91 212.1 106.5 319.6

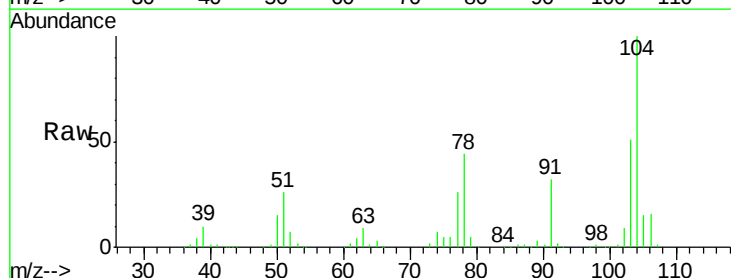


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

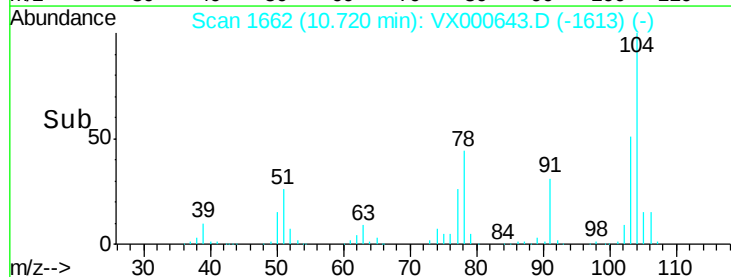
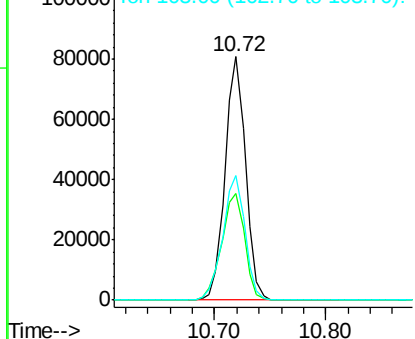


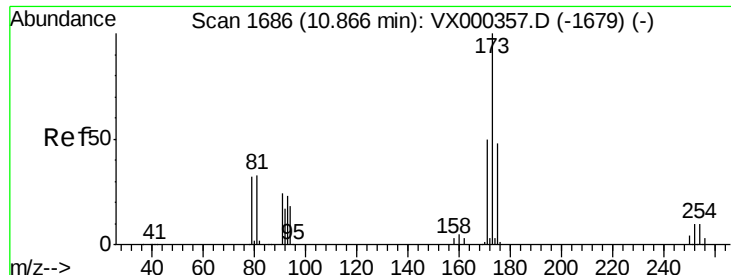
#70
Styrene
Concen: 17.94 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000643.D
Acq: 02 Apr 2018 16:15

Tgt Ion:104 Resp: 102915
Ion Ratio Lower Upper
104 100
78 49.6 40.5 60.7
103 55.6 45.7 68.5



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





#71

Bromoform

Concen: 17.60 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

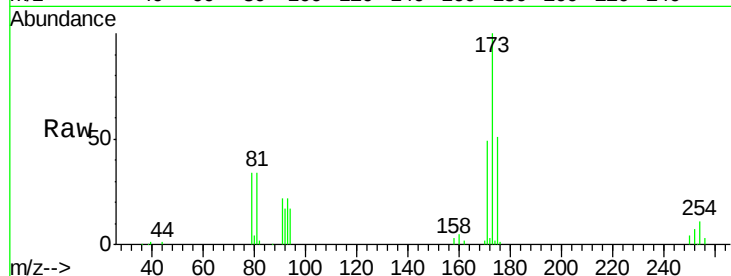
Tgt Ion:173 Resp: 26943

Ion Ratio Lower Upper

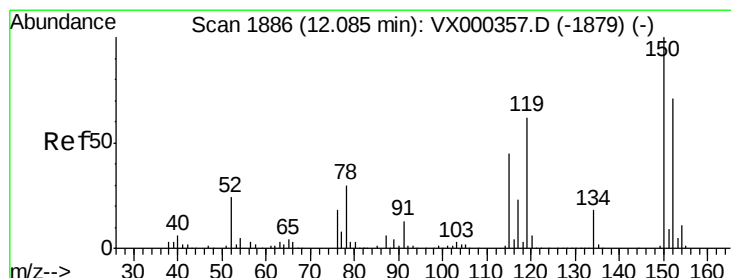
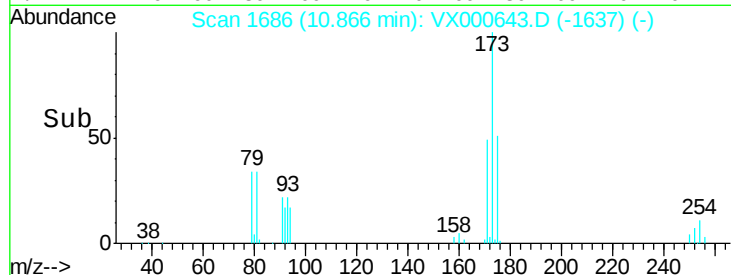
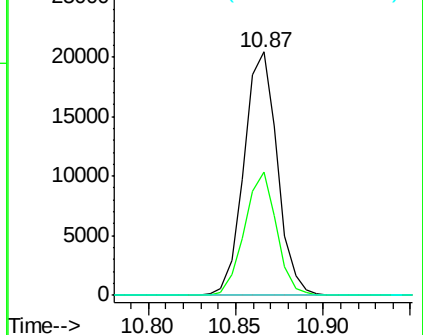
173 100

175 48.7 25.4 76.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

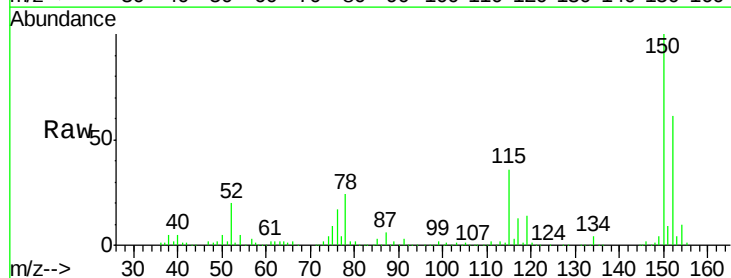
Tgt Ion:152 Resp: 148439

Ion Ratio Lower Upper

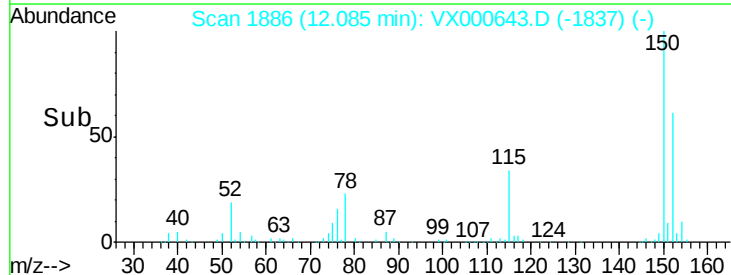
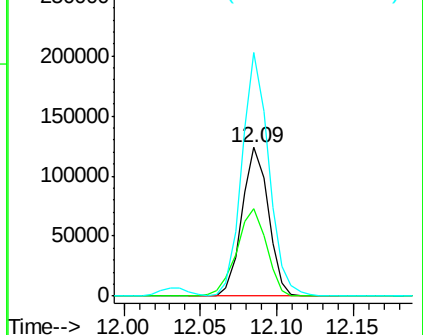
152 100

115 66.7 39.8 119.3

150 166.5 0.0 344.4



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: 17.32 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

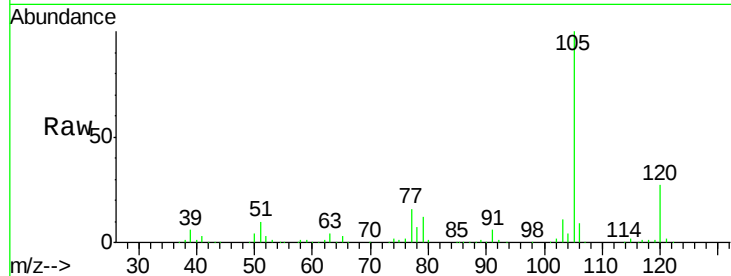
VX0402WBSD01

Tgt Ion: 105 Resp: 170356

Ion Ratio Lower Upper

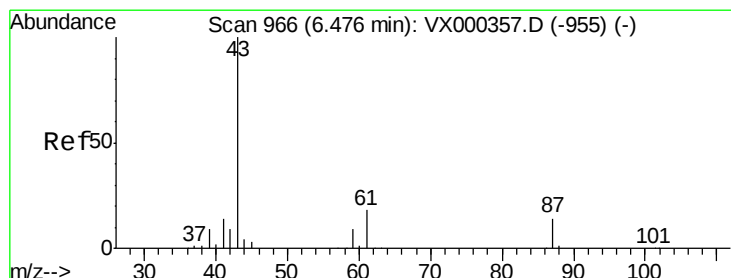
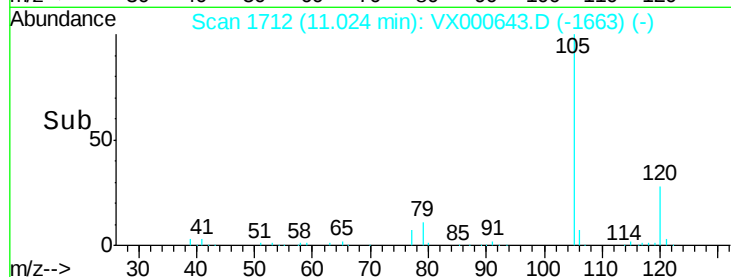
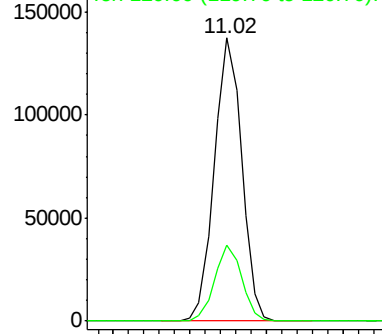
105 100

120 26.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.11 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Tgt Ion: 43 Resp: 74618

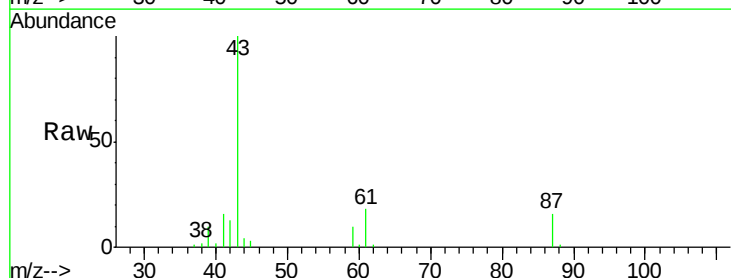
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.8 14.4 21.6

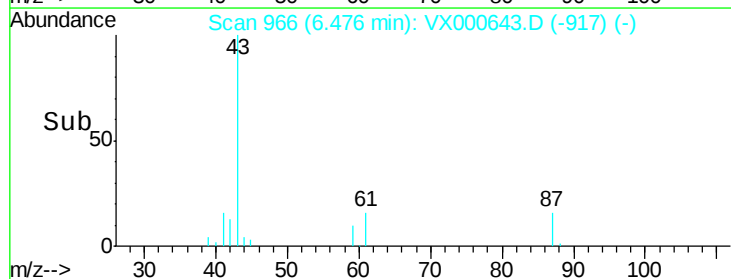
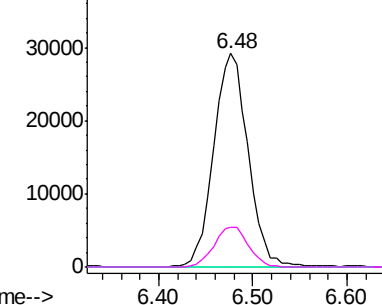


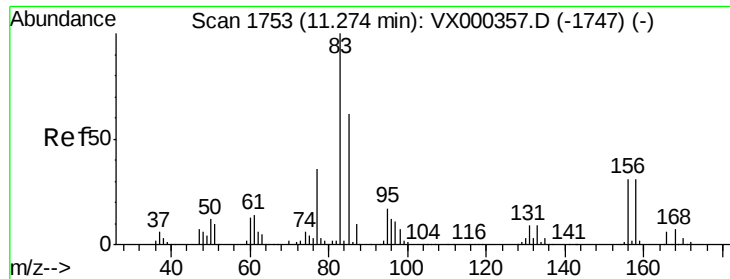
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.89 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

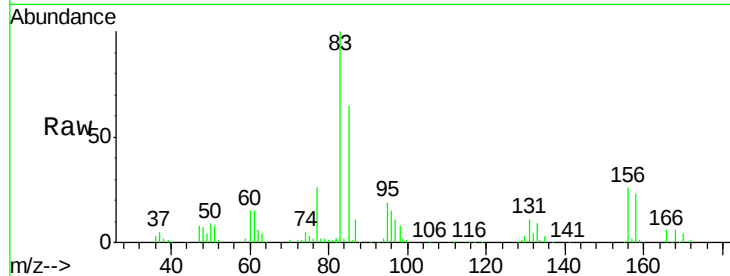
Tgt Ion: 83 Resp: 62243

Ion Ratio Lower Upper

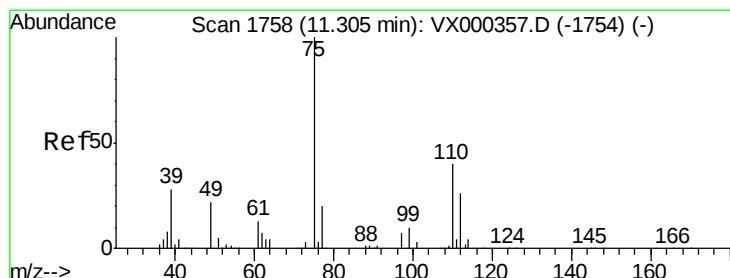
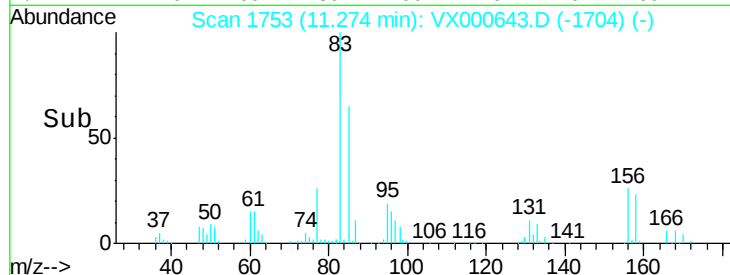
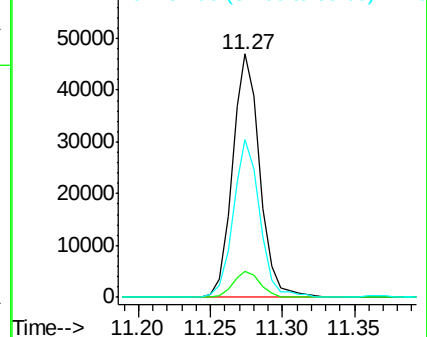
83 100

131 10.7 5.0 14.9

85 63.3 32.5 97.5



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: 21.73 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000643.D

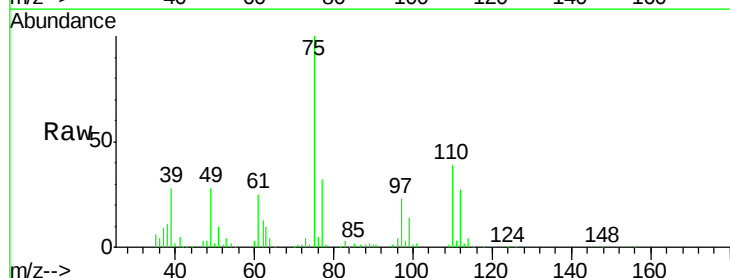
Acq: 02 Apr 2018 16:15

Tgt Ion: 75 Resp: 69337

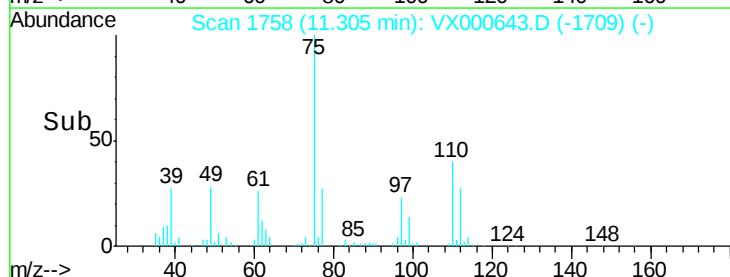
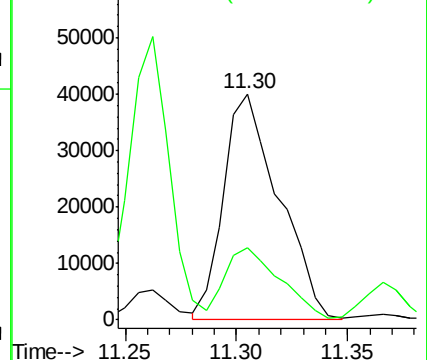
Ion Ratio Lower Upper

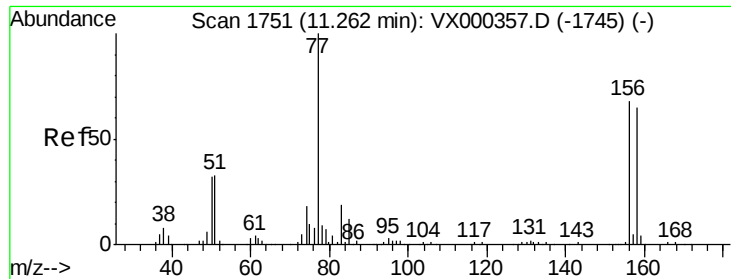
75 100

77 31.9 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.49 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

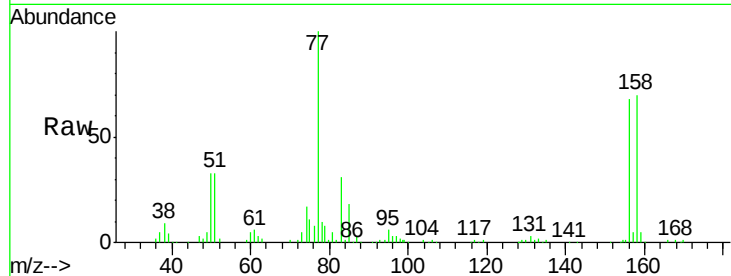
Tgt Ion:156 Resp: 43194

Ion Ratio Lower Upper

156 100

77 147.1 73.4 220.2

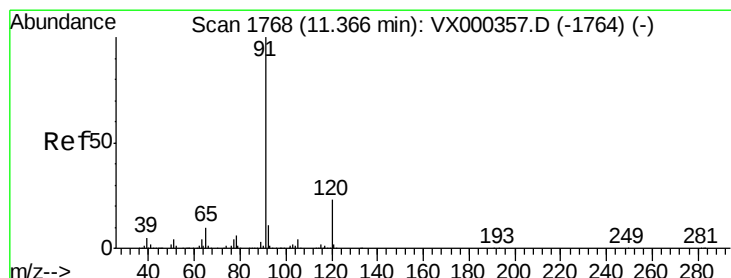
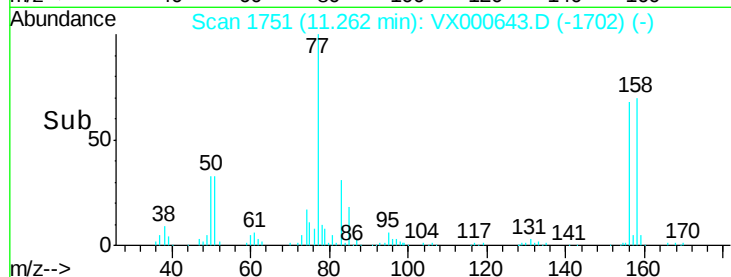
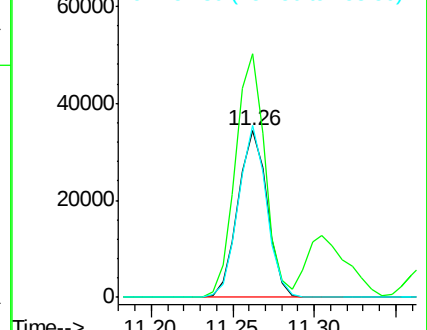
158 98.7 48.5 145.6



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: 17.55 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000643.D

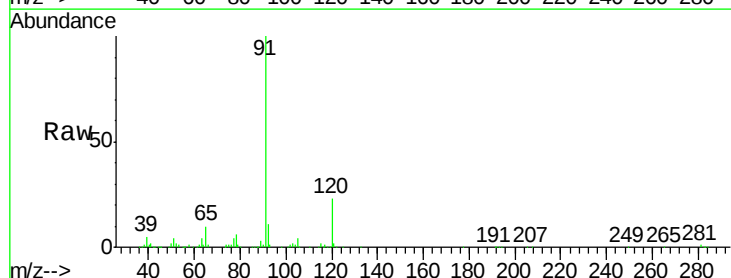
Acq: 02 Apr 2018 16:15

Tgt Ion: 91 Resp: 205778

Ion Ratio Lower Upper

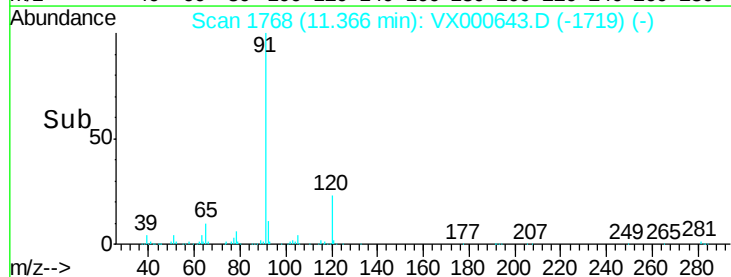
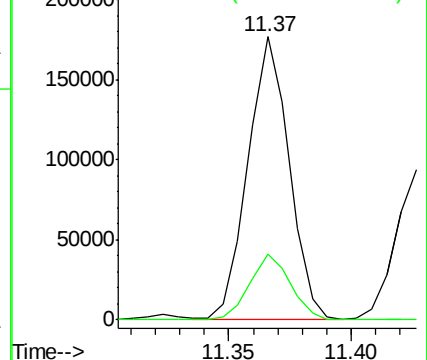
91 100

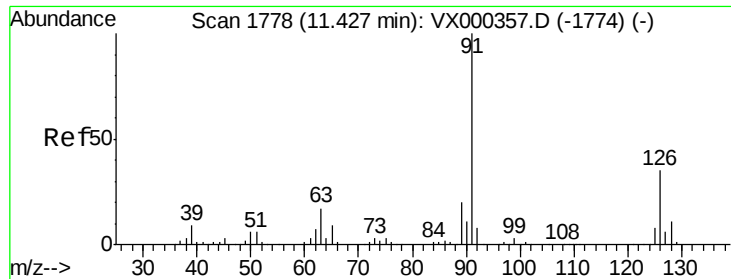
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

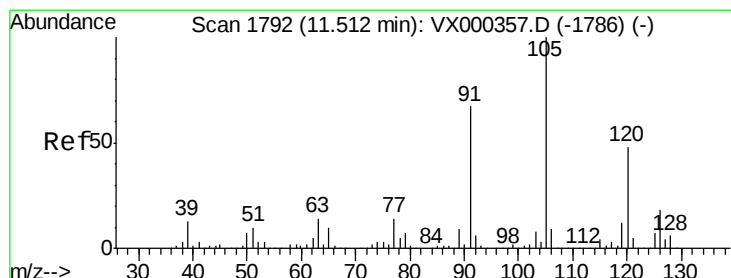
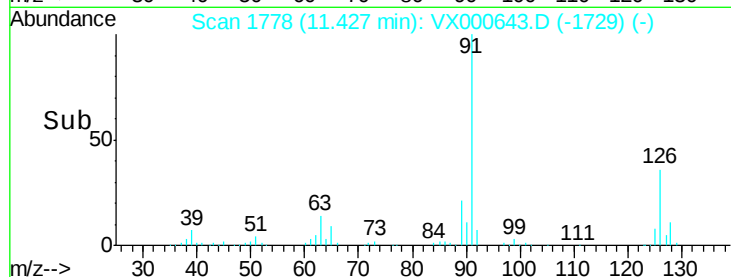
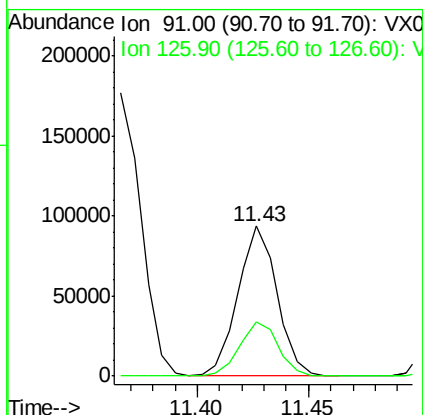
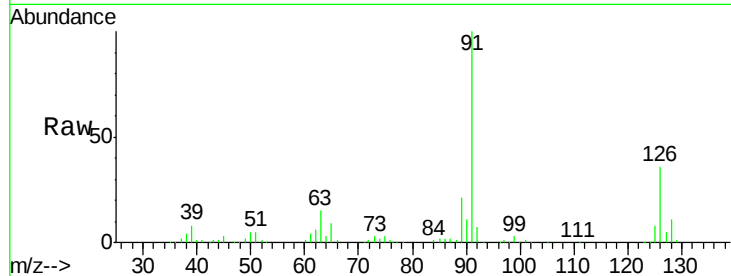




#79
 2-Chlorotoluene
 Concen: 16.87 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

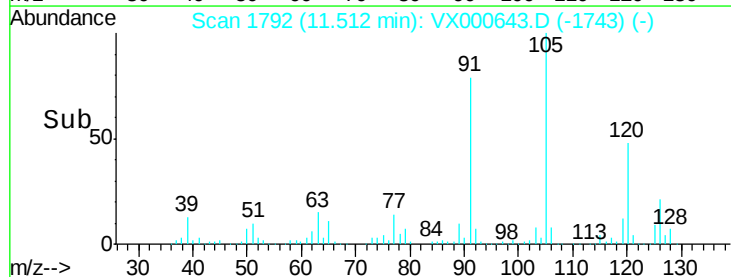
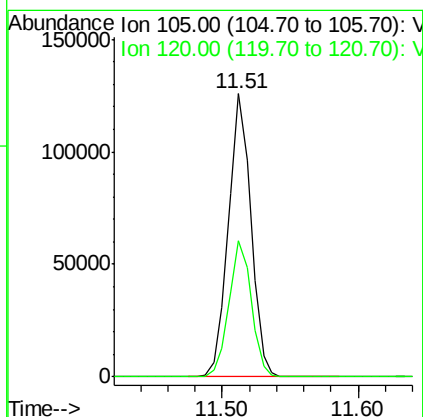
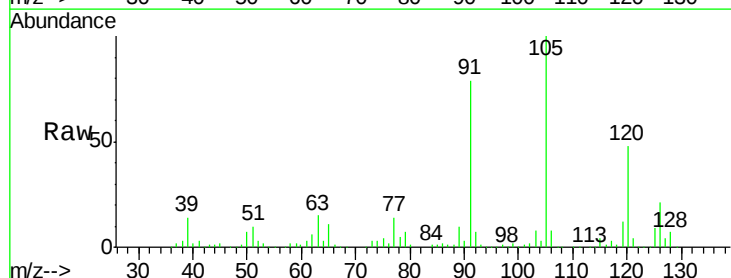
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

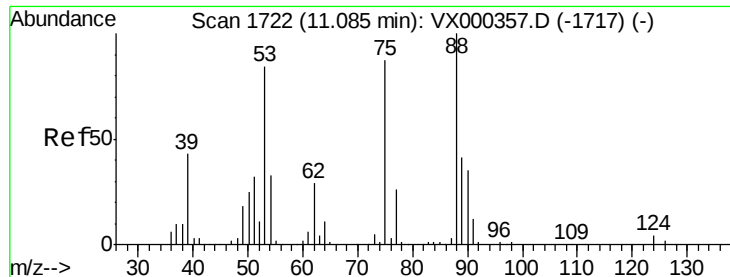
Tgt Ion: 91 Resp: 114273
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 17.55 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion: 105 Resp: 145108
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.12 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

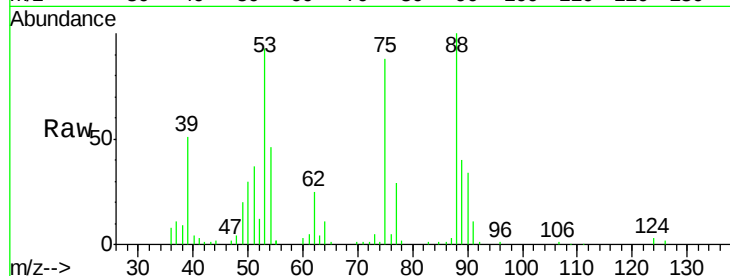
Tgt Ion: 75 Resp: 15883

Ion Ratio Lower Upper

75 100

53 112.1 80.7 121.1

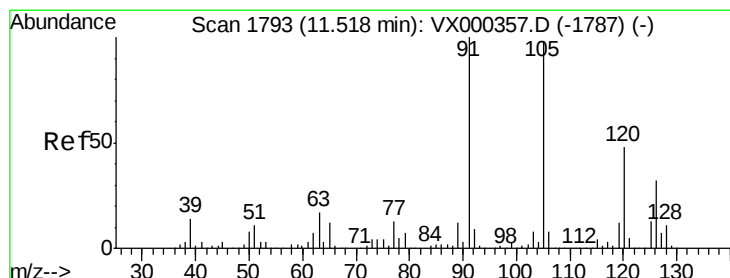
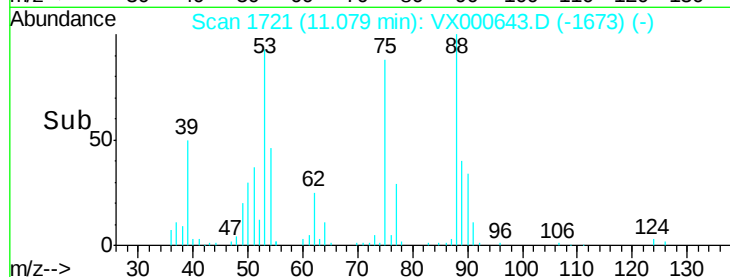
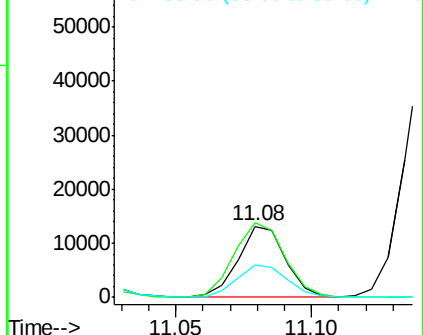
89 49.2 39.4 59.0



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: 17.71 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000643.D

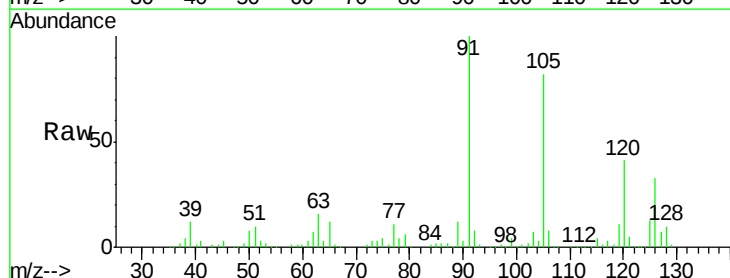
Acq: 02 Apr 2018 16:15

Tgt Ion: 91 Resp: 143243

Ion Ratio Lower Upper

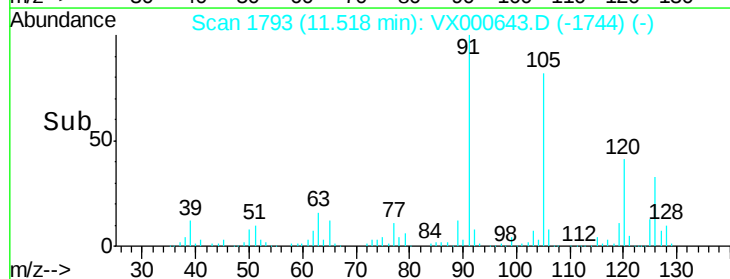
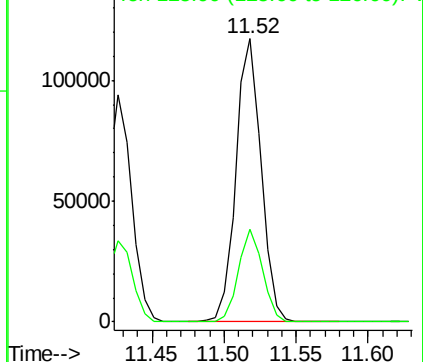
91 100

126 31.3 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

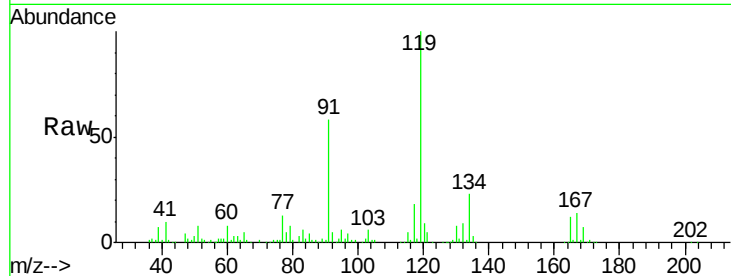




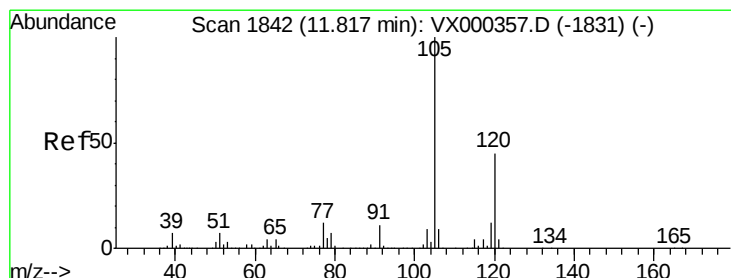
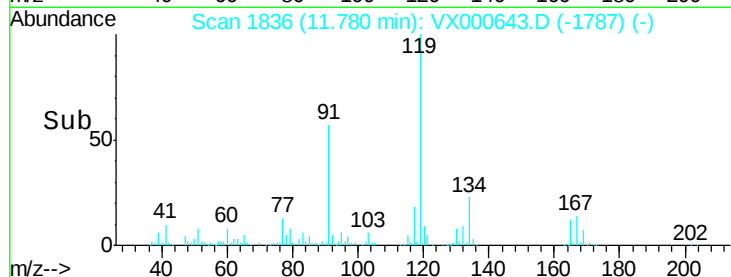
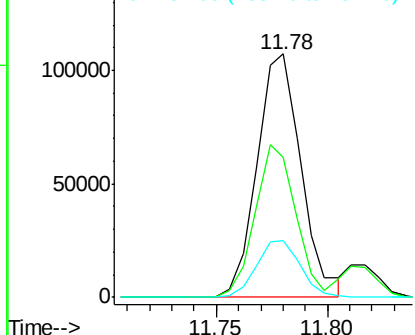
#83
 tert-Butylbenzene
 Concen: 17.71 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tgt Ion:119 Resp: 147736
 Ion Ratio Lower Upper
 119 100
 91 57.9 28.8 86.4
 134 23.2 11.4 34.1

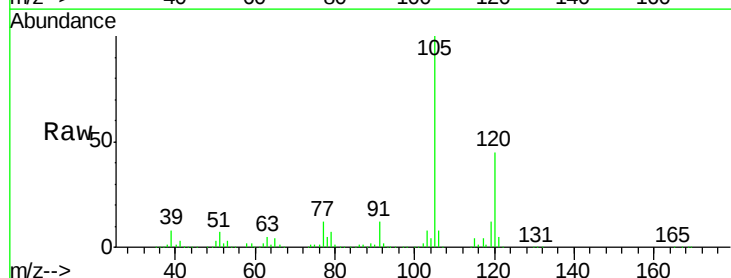


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

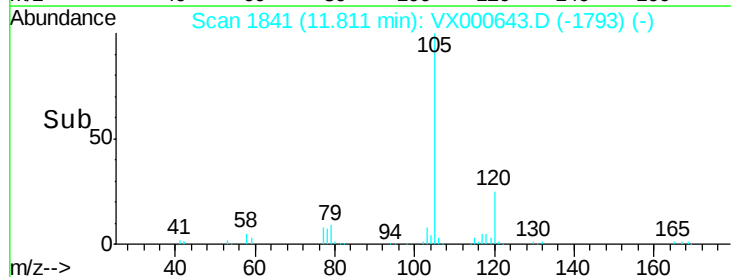
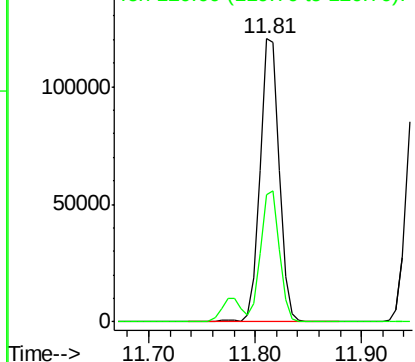


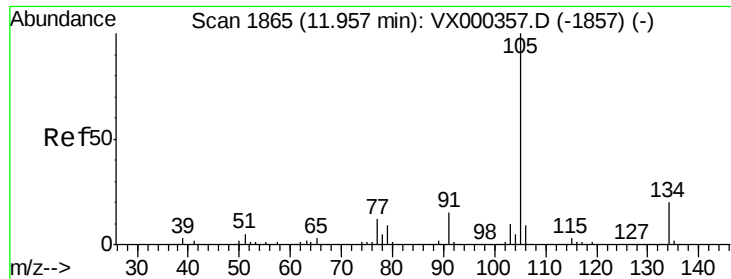
#84
 1,2,4-Trimethylbenzene
 Concen: 17.61 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion:105 Resp: 152682
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.4 67.3



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

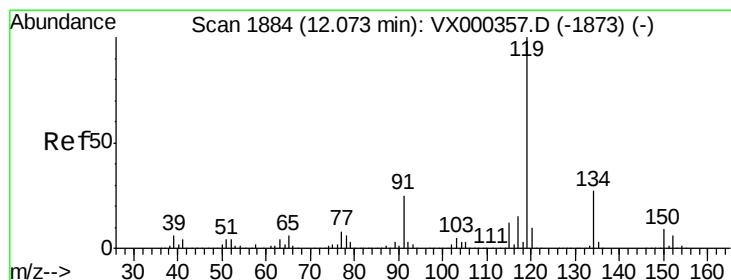
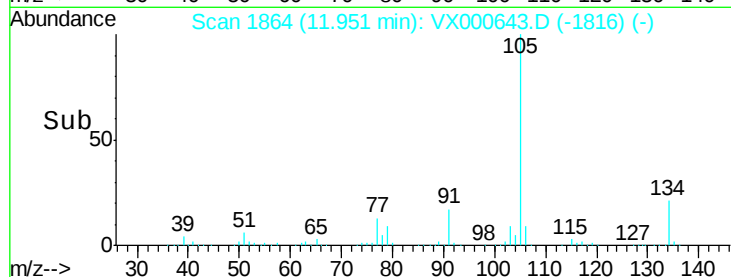
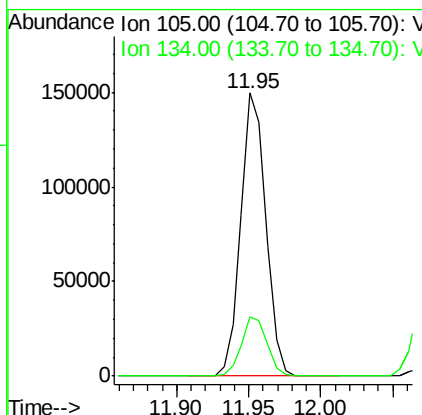
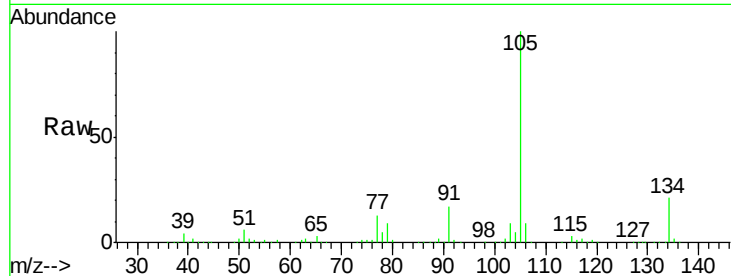




#85
 sec-Butylbenzene
 Concen: 17.49 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

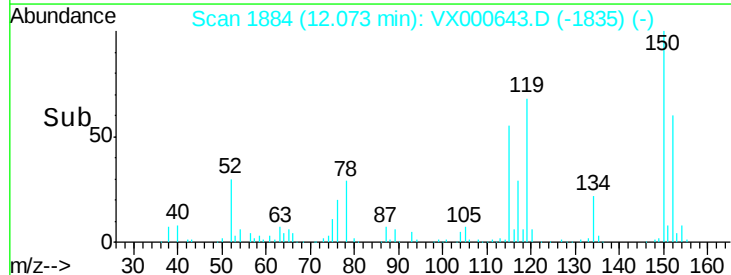
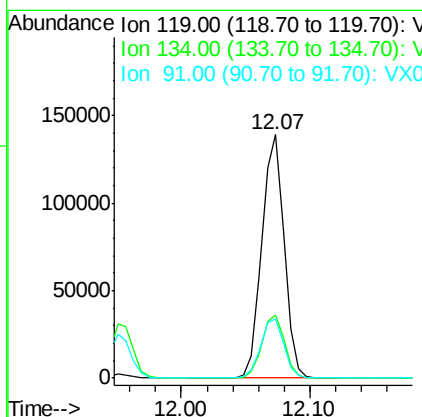
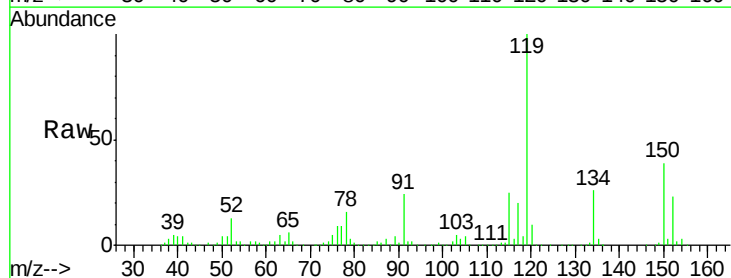
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

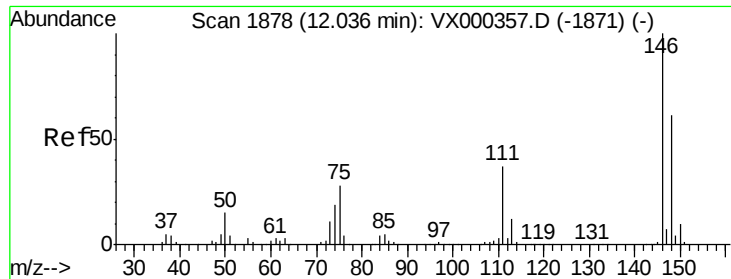
Tgt Ion:105 Resp: 180515
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 18.09 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion:119 Resp: 165811
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 25.3 12.0 36.1

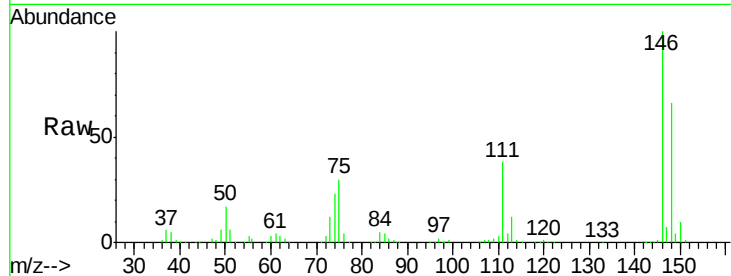




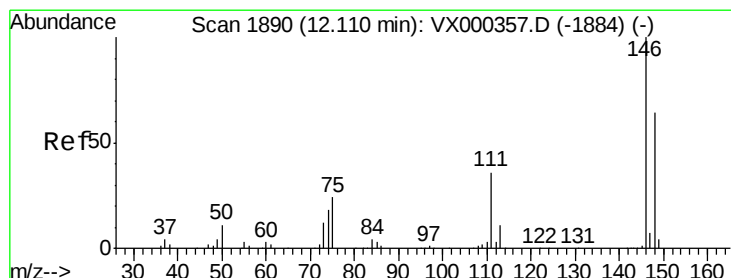
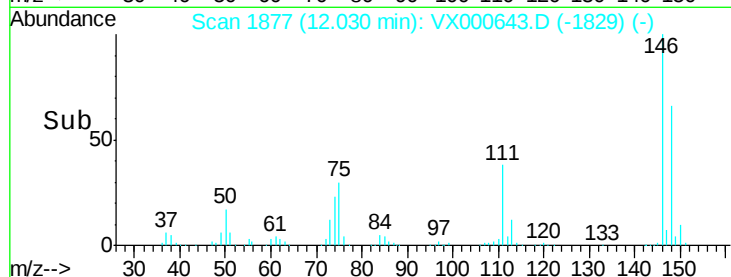
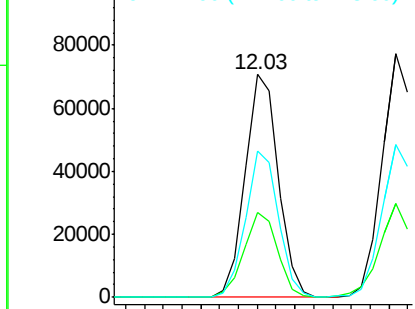
#87
 1,3-Dichlorobenzene
 Concen: 17.47 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tgt Ion:146 Resp: 86534
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.5 58.5
 148 65.1 32.4 97.0

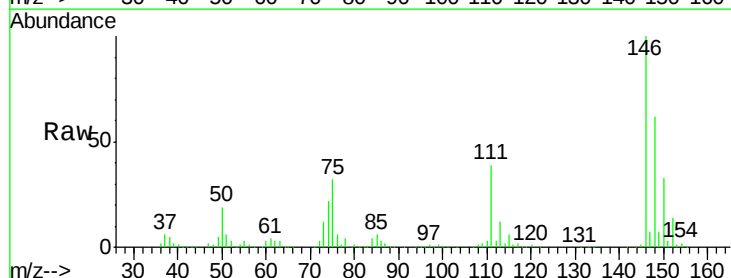


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

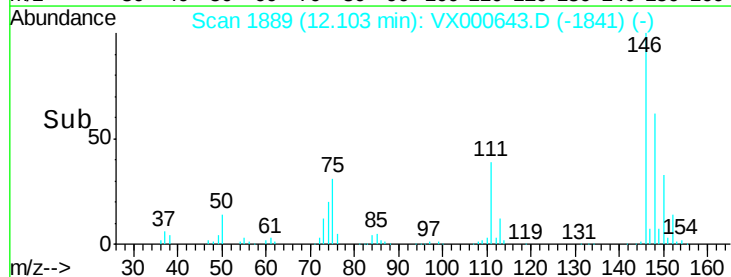
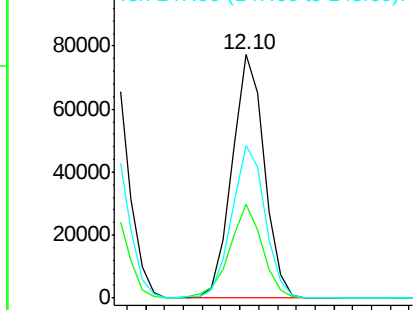


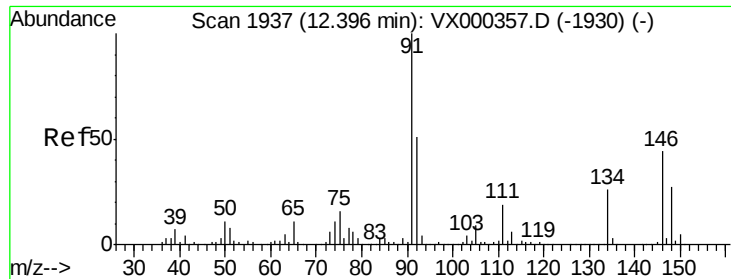
#88
 1,4-Dichlorobenzene
 Concen: 17.61 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion:146 Resp: 91605
 Ion Ratio Lower Upper
 146 100
 111 39.3 18.9 56.9
 148 64.5 31.0 93.0



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: 18.50 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampled :

VX0402WBSD01

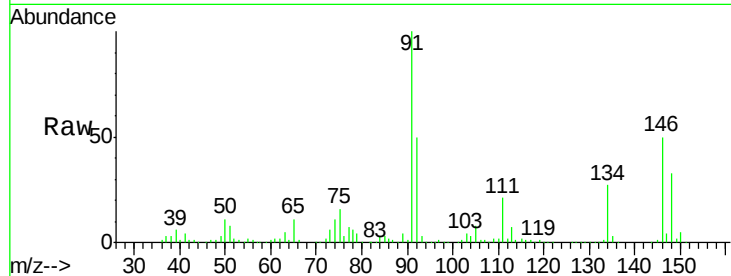
Tgt Ion: 91 Resp: 157869

Ion Ratio Lower Upper

91 100

92 50.6 25.9 77.8

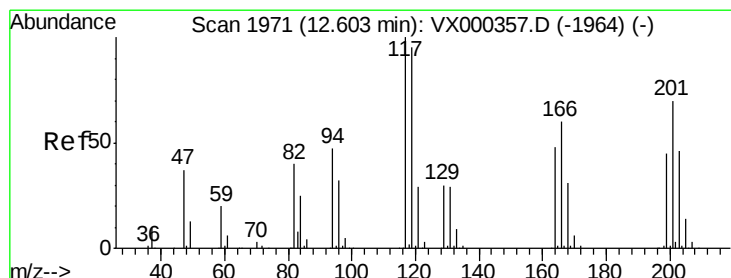
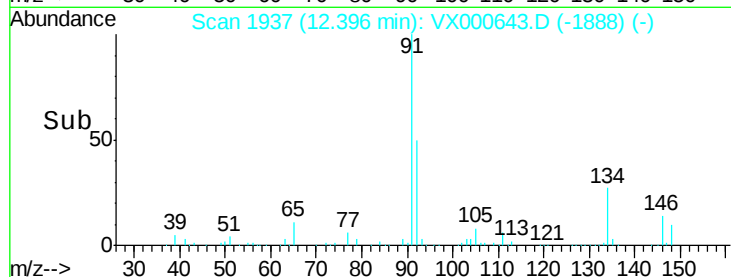
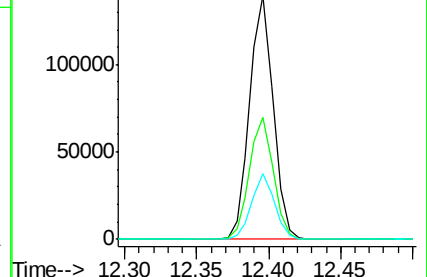
134 26.2 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000357.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000357.D (-1930) (-)



#90

Hexachloroethane

Concen: 17.08 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000643.D

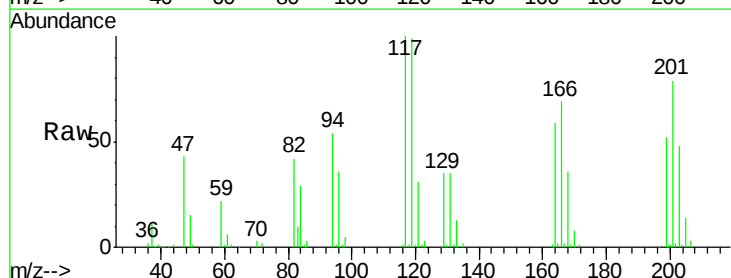
Acq: 02 Apr 2018 16:15

Tgt Ion: 117 Resp: 24639

Ion Ratio Lower Upper

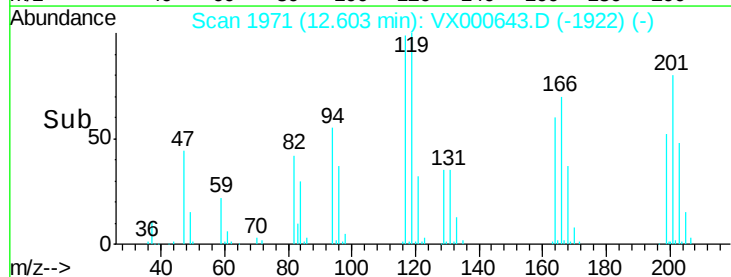
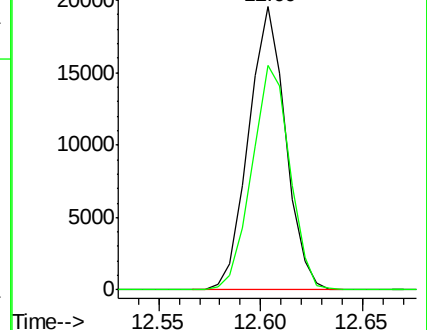
117 100

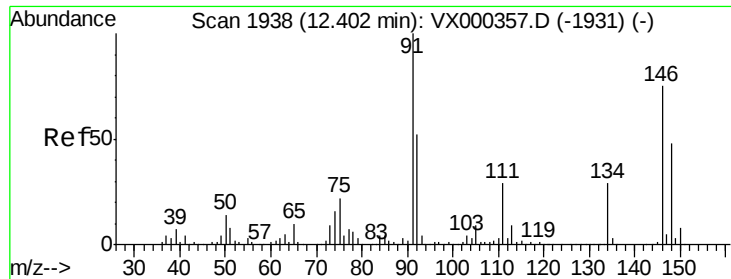
201 81.1 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VX000357.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000357.D (-1964) (-)





#91

1,2-Dichlorobenzene

Concen: 18.14 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

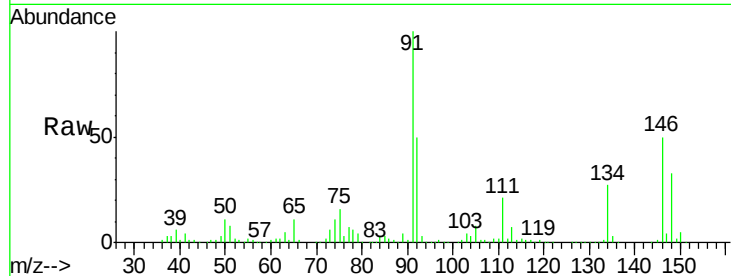
Tgt Ion:146 Resp: 88090

Ion Ratio Lower Upper

146 100

111 39.0 20.1 60.2

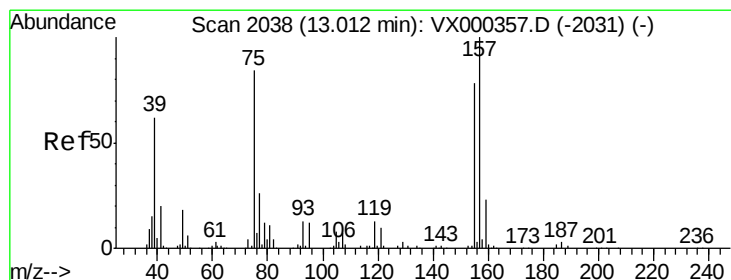
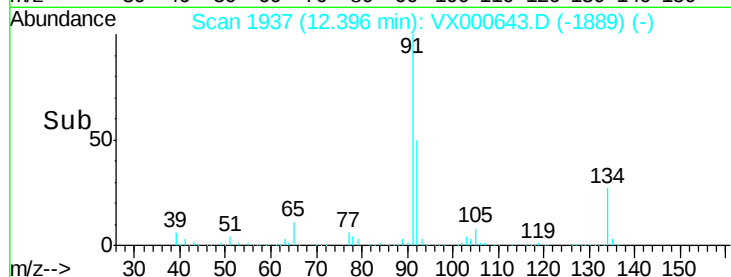
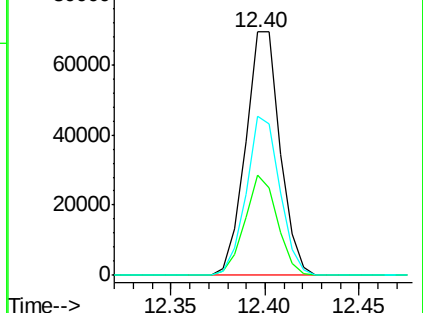
148 63.5 31.2 93.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.73 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.01 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

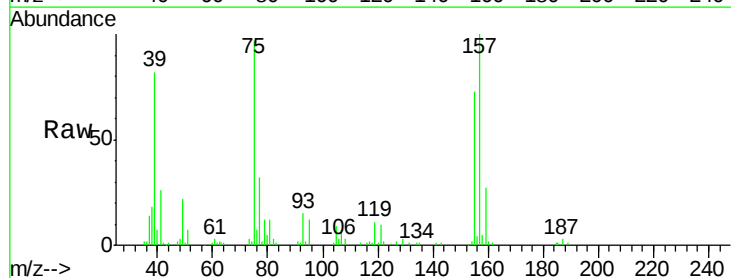
Tgt Ion: 75 Resp: 16230

Ion Ratio Lower Upper

75 100

155 84.1 45.0 134.8

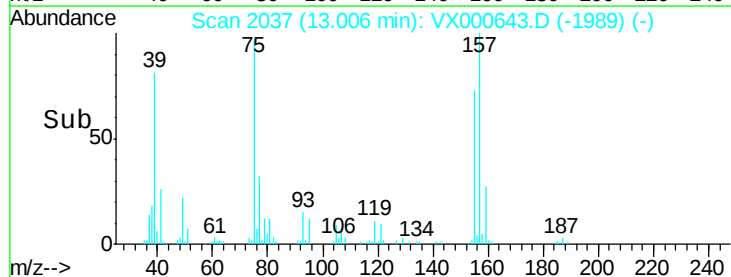
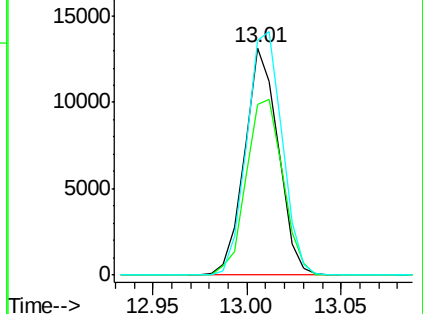
157 113.0 58.1 174.2

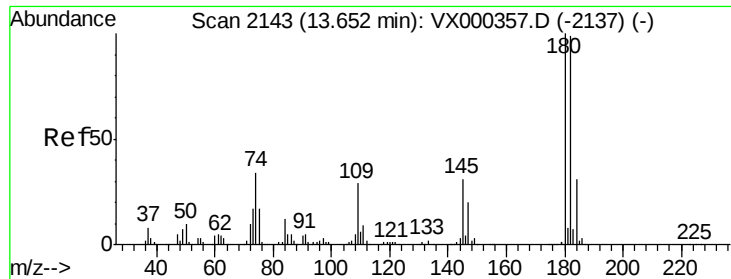


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

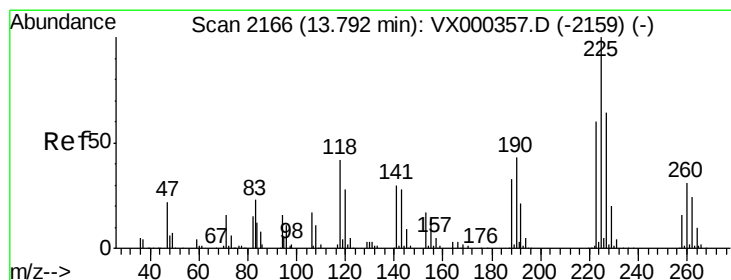
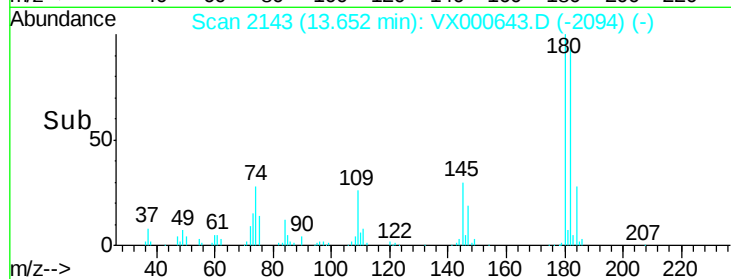
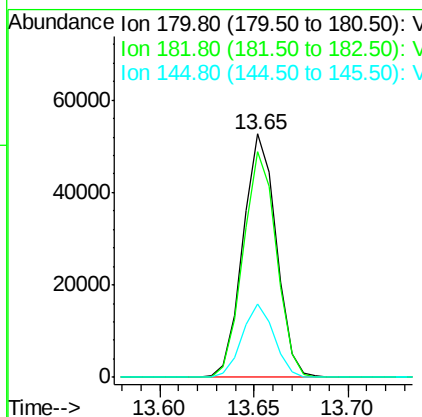
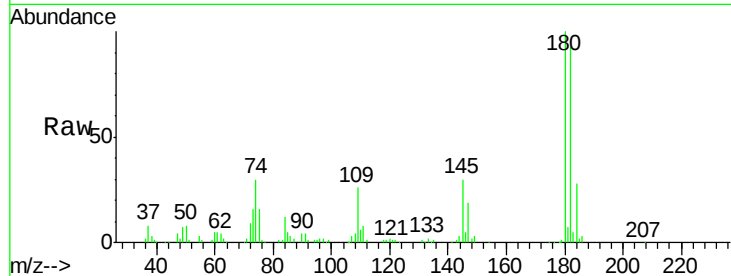




#93
 1,2,4-Trichlorobenzene
 Concen: 18.54 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

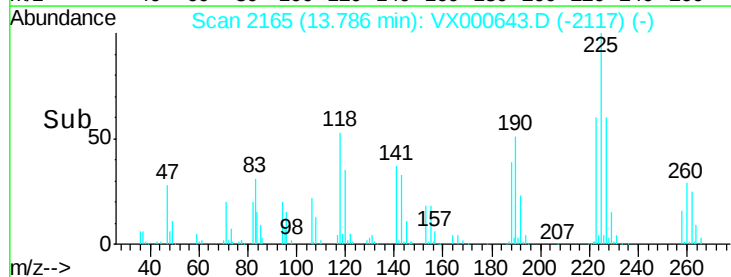
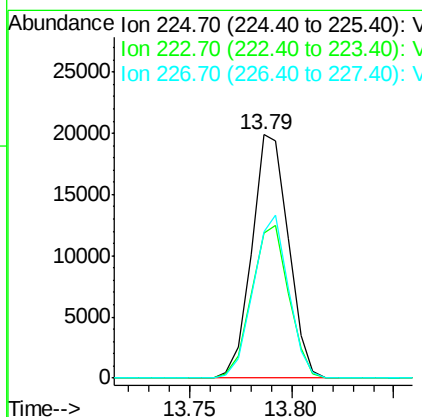
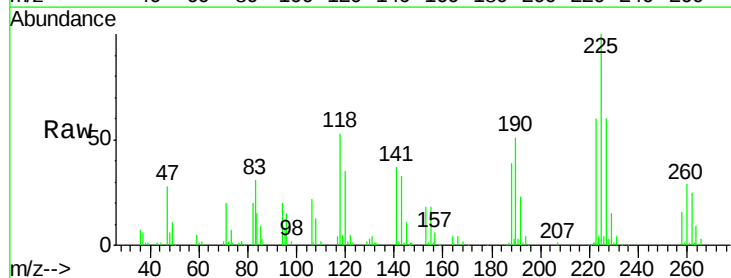
Instrument :
 MSVOA_X
 ClientSampled :
 VX0402WBSD01

Tgt Ion:180 Resp: 64549
 Ion Ratio Lower Upper
 180 100
 182 92.5 47.6 142.9
 145 29.0 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 17.21 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: VX000643.D
 Acq: 02 Apr 2018 16:15

Tgt Ion:225 Resp: 24816
 Ion Ratio Lower Upper
 225 100
 223 63.4 32.0 96.0
 227 64.7 32.6 98.0





#95

Naphthalene

Concen: 18.25 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

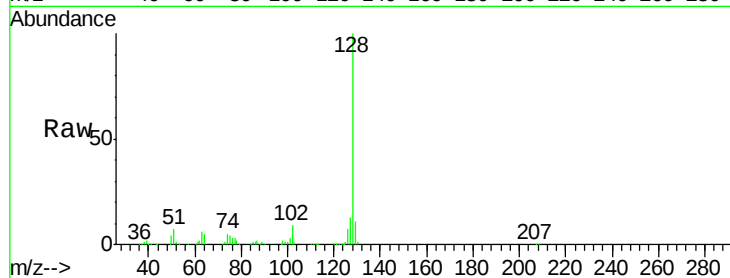
Tgt Ion:128 Resp: 221369

Ion Ratio Lower Upper

128 100

127 13.3 10.6 15.8

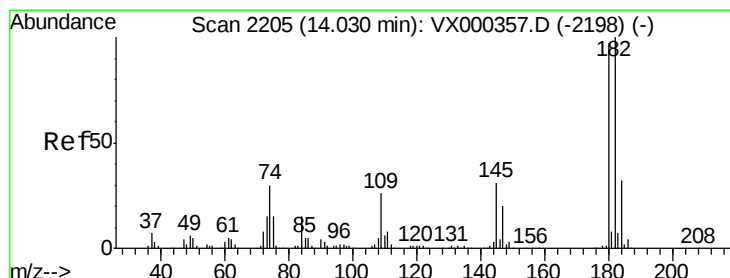
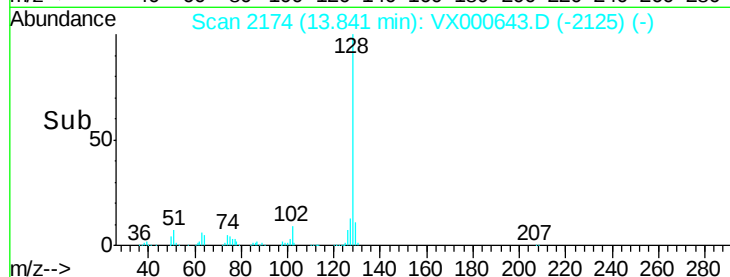
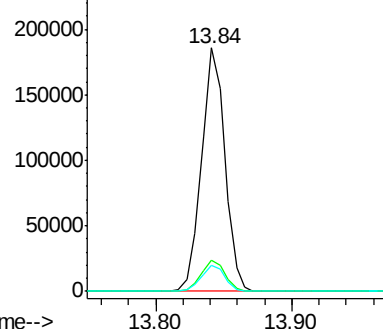
129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.42 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000643.D

Acq: 02 Apr 2018 16:15

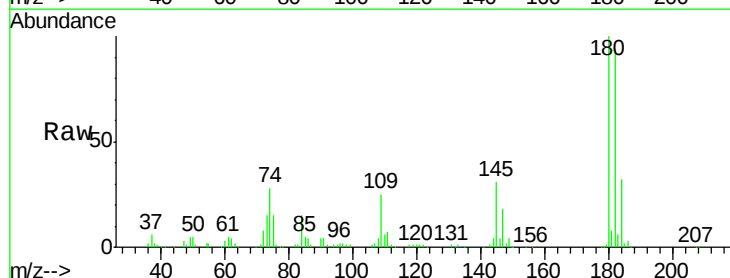
Tgt Ion:180 Resp: 63374

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.3

145 31.3 15.8 47.3



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

