

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000506.D
 Acq On : 29 Mar 2018 11:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 29 14:46:31 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	145671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	230667	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	229580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	161170	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	90504	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
35) Dibromofluoromethane	5.51	113	71438	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	8.73	98	273428	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
62) 4-Bromofluorobenzene	11.15	95	116310	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	76032	47.36	ug/l	100
3) Chloromethane	1.32	50	67047	39.64	ug/l	98
4) Vinyl Chloride	1.40	62	84686	47.39	ug/l	99
5) Bromomethane	1.64	94	118786	55.51	ug/l	94
6) Chloroethane	1.72	64	56586	53.07	ug/l	92
7) Trichlorofluoromethane	1.93	101	153300	47.53	ug/l	99
8) Diethyl Ether	2.19	74	54244	47.06	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	83493	46.42	ug/l	97
10) Methyl Iodide	2.51	142	64556	37.40	ug/l	100
11) Tert butyl alcohol	3.07	59	156662	239.52	ug/l	100
12) 1,1-Dichloroethene	2.38	96	72360	45.83	ug/l	94
13) Acrolein	2.30	56	39693	193.56	ug/l	98
14) Allyl chloride	2.73	41	134839	48.35	ug/l	98
15) Acrylonitrile	3.15	53	310557	234.43	ug/l	99
16) Acetone	2.45	43	374589	236.81	ug/l	99
17) Carbon Disulfide	2.57	76	184651	43.96	ug/l	100
18) Methyl Acetate	2.78	43	162924	49.13	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	276571	47.36	ug/l	99
20) Methylene Chloride	2.86	84	82108	44.94	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	78864	44.78	ug/l	96
22) Diisopropyl ether	3.88	45	270506	54.80	ug/l	96
23) Vinyl Acetate	3.83	43	1295648	276.90	ug/l	98
24) 1,1-Dichloroethane	3.70	63	145800	46.98	ug/l	99
25) 2-Butanone	4.71	43	408641	229.83	ug/l	99
26) 2,2-Dichloropropane	4.59	77	100388	46.15	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	72770	44.21	ug/l	98
28) Bromochloromethane	5.03	49	83288	65.08	ug/l	98
29) Tetrahydrofuran	5.17	42	271050	247.77	ug/l	99
30) Chloroform	5.22	83	150448	51.73	ug/l	97
31) Cyclohexane	5.58	56	117428	48.95	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	131959	50.29	ug/l	99
36) 1,1-Dichloropropene	5.81	75	110240	51.02	ug/l	99
37) Ethyl Acetate	4.87	43	141009	47.78	ug/l	100
38) Carbon Tetrachloride	5.79	117	115870	51.12	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	141032	53.67	ug/l	98
40) Benzene	6.15	78	329552	52.52	ug/l	98
41) Methacrylonitrile	5.07	41	74764	48.05	ug/l	97
42) 1,2-Dichloroethane	6.20	62	126687	51.46	ug/l	98
43) Isopropyl Acetate	6.48	43	234006	53.26	ug/l	100
44) Trichloroethene	7.22	130	95145	52.93	ug/l	95
45) 1,2-Dichloropropane	7.52	63	87054	54.20	ug/l	98
46) Dibromomethane	7.67	93	66033	52.38	ug/l	98
47) Bromodichloromethane	7.91	83	124771	56.25	ug/l	99
48) Methyl methacrylate	7.79	41	115827	54.30	ug/l	100
49) 1,4-Dioxane	7.77	88	49962	1114.39	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	895718	263.40	ug/l	100
52) Toluene	8.79	92	220128	50.18	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	141442	55.03	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	135969	54.54	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	93948	52.08	ug/l	98
56) Ethyl methacrylate	9.19	69	145049	53.06	ug/l	99
57) 1,3-Dichloropropane	9.38	76	152055	52.70	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	279795	213.27	ug/l	99
59) 2-Hexanone	9.51	43	766716	265.53	ug/l	100
60) Dibromochloromethane	9.59	129	101827	47.89	ug/l	99
61) 1,2-Dibromoethane	9.68	107	102876	53.18	ug/l	99
64) Tetrachloroethene	9.34	164	89355	50.16	ug/l	96
65) Chlorobenzene	10.15	112	266127	52.09	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	93827	54.07	ug/l	99
67) Ethyl Benzene	10.26	91	456370	52.69	ug/l	99
68) m/p-Xylenes	10.37	106	377608	110.80	ug/l	100
69) o-Xylene	10.71	106	176758	53.57	ug/l	97
70) Styrene	10.72	104	310591	56.88	ug/l	97
71) Bromoform	10.87	173	86122	47.86	ug/l	# 98
73) Isopropylbenzene	11.02	105	501178	46.93	ug/l	100
74) N-amyl acetate	6.48	43	234006	50.29	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	183237	48.51	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	212323	61.30	ug/l	83
77) Bromobenzene	11.26	156	127774	44.92	ug/l	99
78) n-propylbenzene	11.37	91	617376	48.49	ug/l	100
79) 2-Chlorotoluene	11.43	91	348792	47.42	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	460529	51.29	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	54992	51.40	ug/l	96
82) 4-Chlorotoluene	11.52	91	442136	50.34	ug/l	99
83) tert-Butylbenzene	11.78	119	452857	50.01	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	472307	50.17	ug/l	99
85) sec-Butylbenzene	11.96	105	572258	51.07	ug/l	100
86) p-Isopropyltoluene	12.07	119	527057	52.96	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	264206	49.12	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	282783	50.08	ug/l	98
89) n-Butylbenzene	12.40	91	494483	53.37	ug/l	100
90) Hexachloroethane	12.60	117	82069	52.40	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	271110	51.41	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48983	46.50	ug/l	97

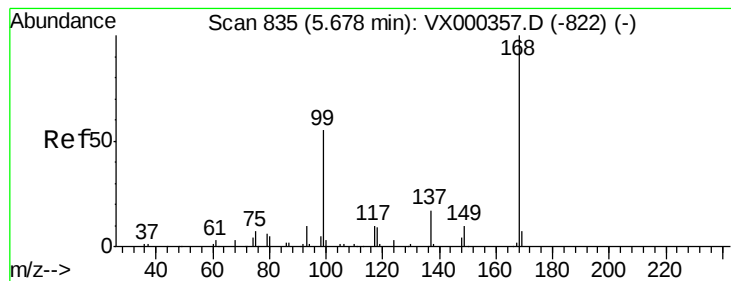
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	187086	49.49	ug/l	99
94) Hexachlorobutadiene	13.79	225	82121	52.46	ug/l	98
95) Naphthalene	13.84	128	655297	49.76	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	188630	50.50	ug/l	99

(#) = 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: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

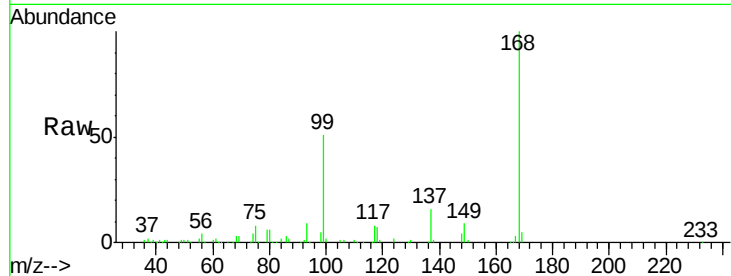
ClientSampled :

Tot Ion:168 Resp: 145671

Ion Ratio Lower Upper

168 100

99 50.6 45.8 68.6

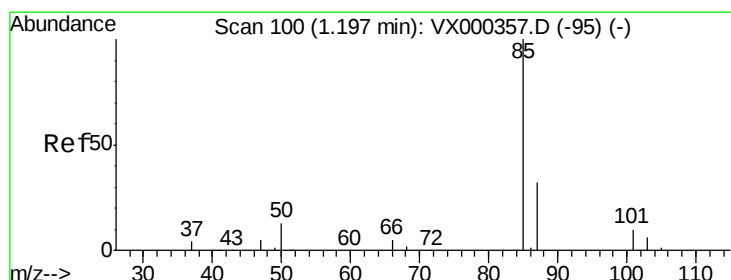
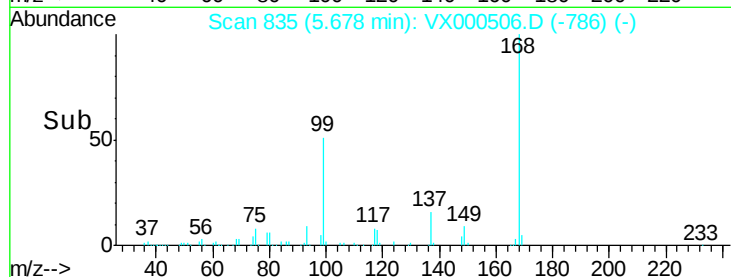


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

Time-->



#2

Dichlorodifluoromethane

Concen: 47.36 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000506.D

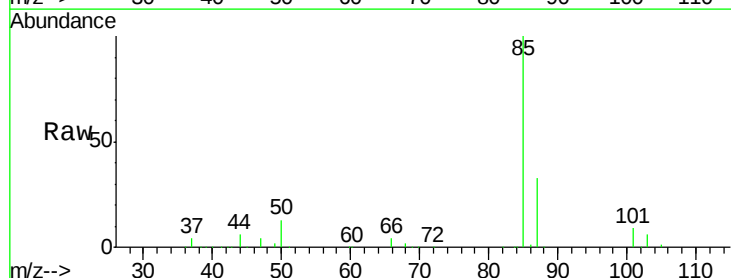
Acq: 29 Mar 2018 11:23

Tgt Ion: 85 Resp: 76032

Ion Ratio Lower Upper

85 100

87 33.3 16.8 50.3

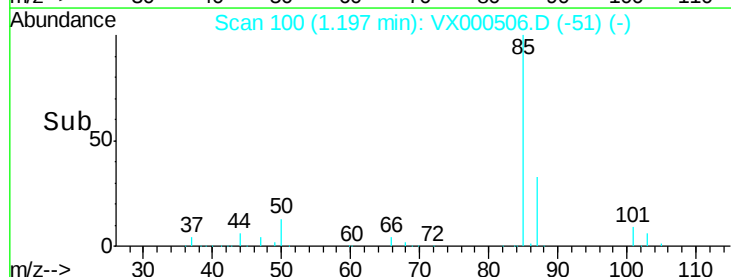


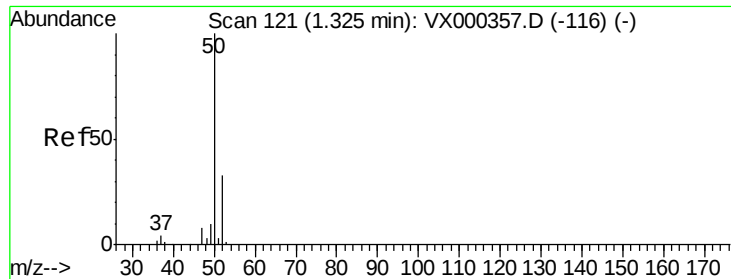
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 39.64 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

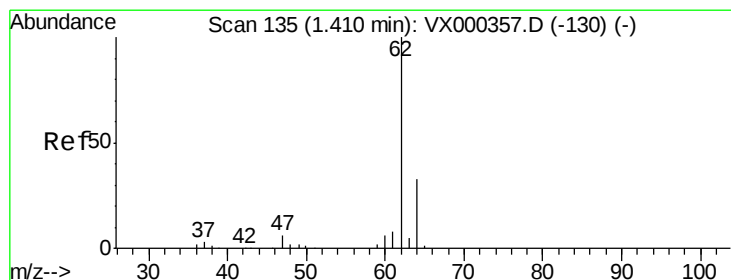
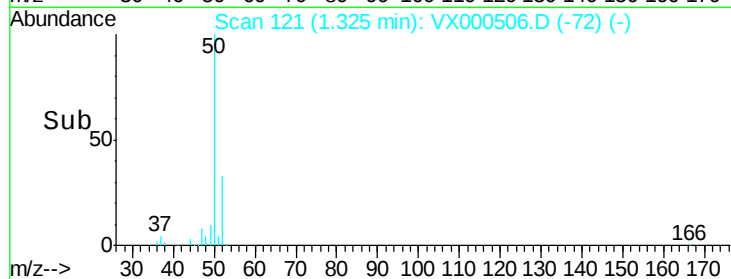
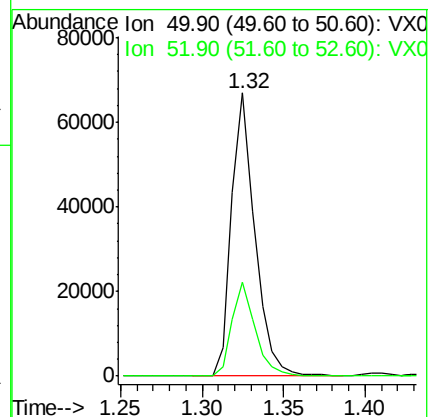
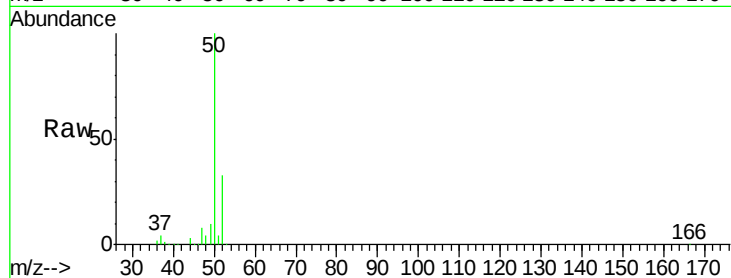
ClientSampleId :

Tot Ion: 50 Resp: 67047

Ion Ratio Lower Upper

50 100

52 33.1 27.5 41.3



#4

Vinyl Chloride

Concen: 47.39 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000506.D

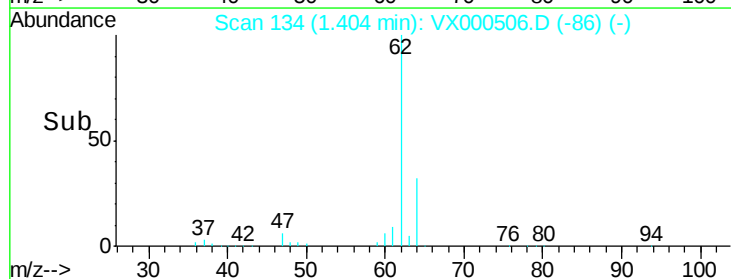
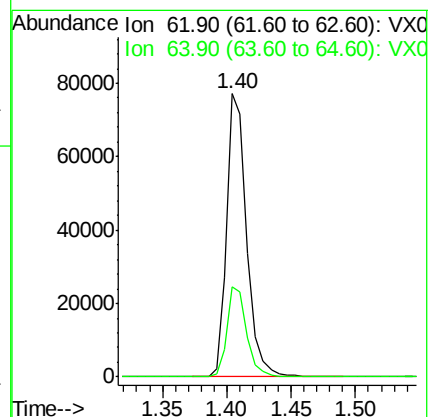
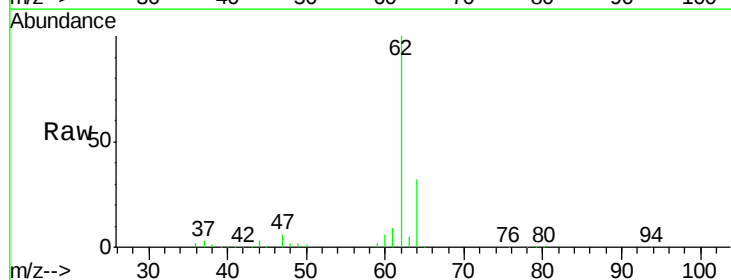
Acq: 29 Mar 2018 11:23

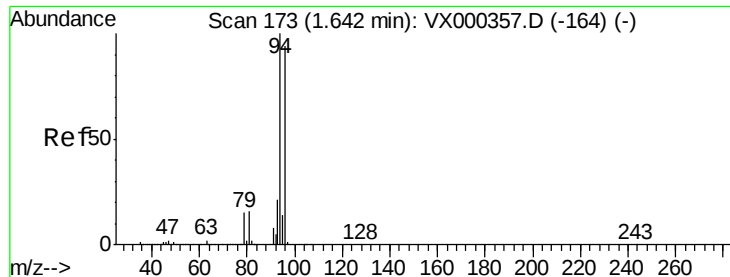
Tgt Ion: 62 Resp: 84686

Ion Ratio Lower Upper

62 100

64 31.8 24.8 37.2





#5

Bromomethane

Concen: 55.51 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

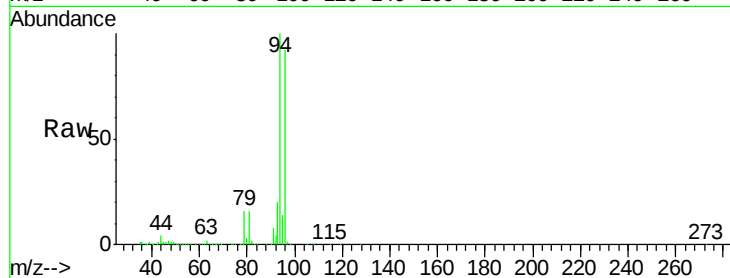
ClientSampleId :

Tot Ion: 94 Resp: 118786

Ion Ratio Lower Upper

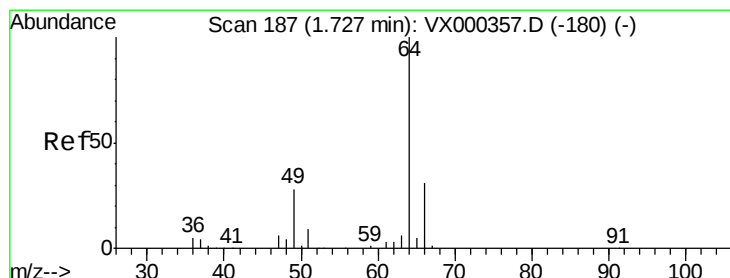
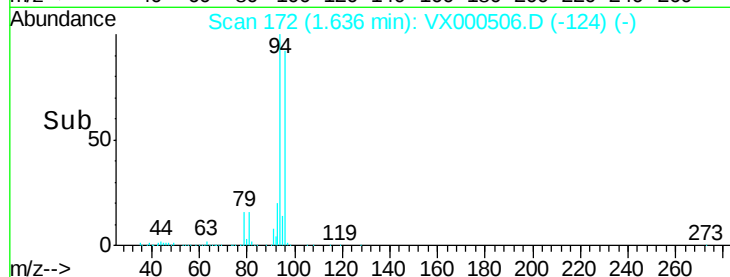
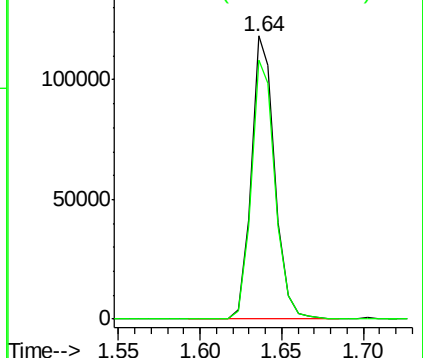
94 100

96 91.6 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.07 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000506.D

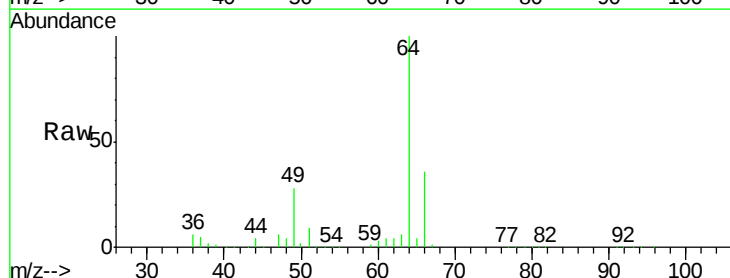
Acq: 29 Mar 2018 11:23

Tgt Ion: 64 Resp: 56586

Ion Ratio Lower Upper

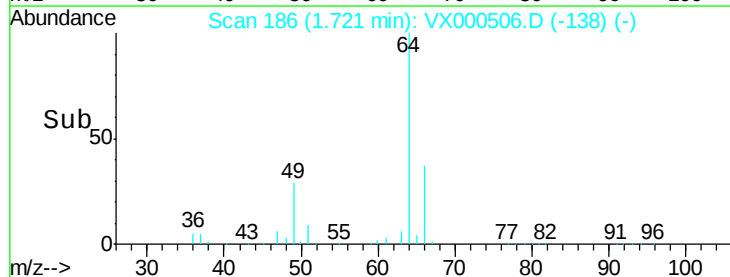
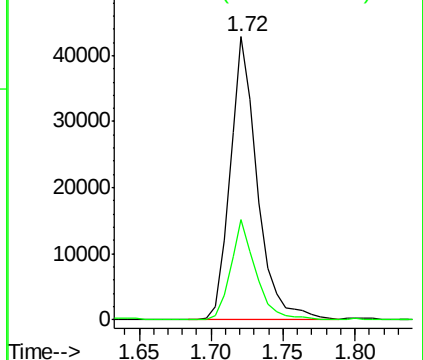
64 100

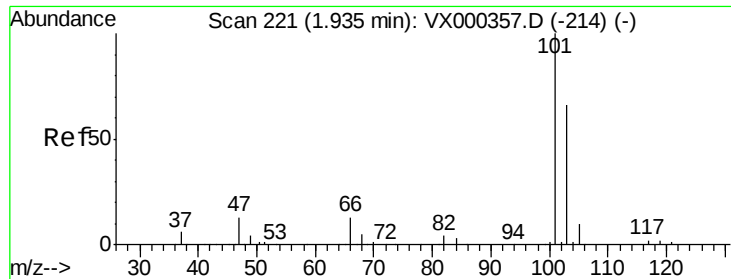
66 35.4 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



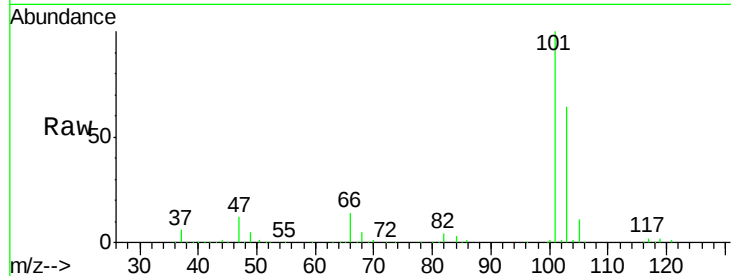


#7

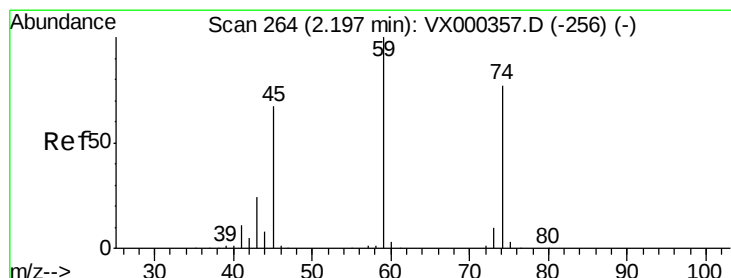
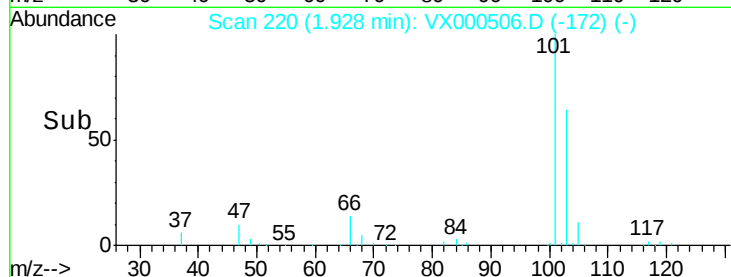
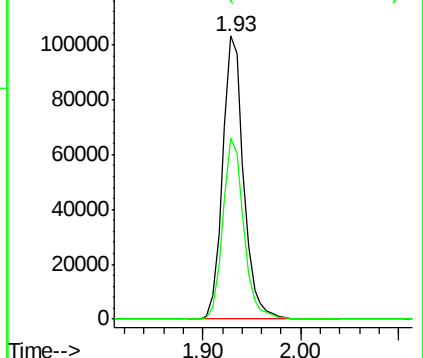
Trichlorofluoromethane
 Concen: 47.53 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VX000506.D
 Acq: 29 Mar 2018 11:23

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:101 Resp: 153300
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.6 77.4



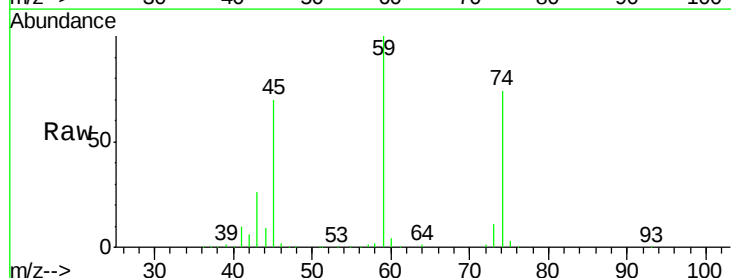
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



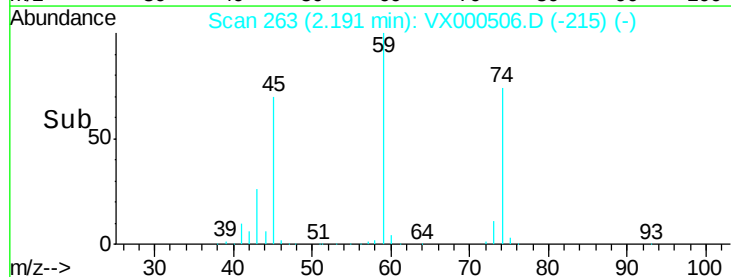
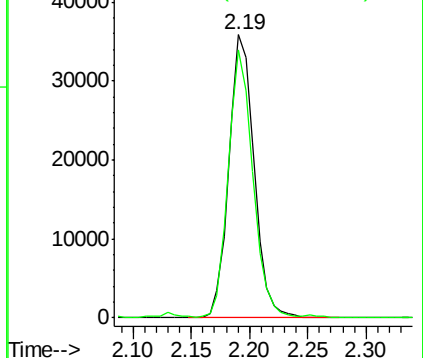
#8

Diethyl Ether
 Concen: 47.06 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000506.D
 Acq: 29 Mar 2018 11:23

Tgt Ion: 74 Resp: 54244
 Ion Ratio Lower Upper
 74 100
 45 91.1 45.1 135.3



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.42 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

ClientSampled :

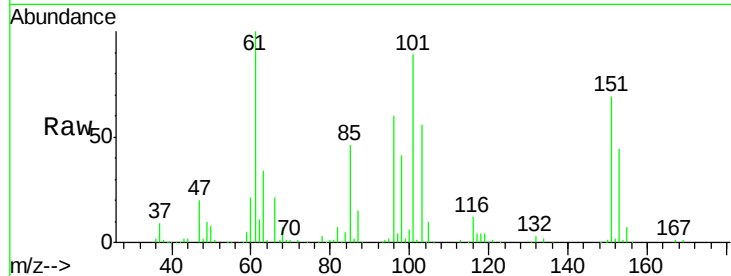
Tot Ion:101 Resp: 83493

Ion Ratio Lower Upper

101 100

85 50.8 37.6 56.4

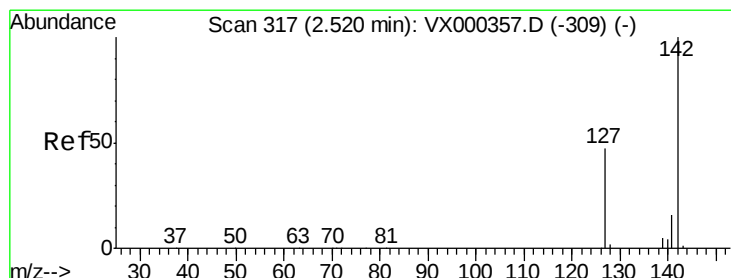
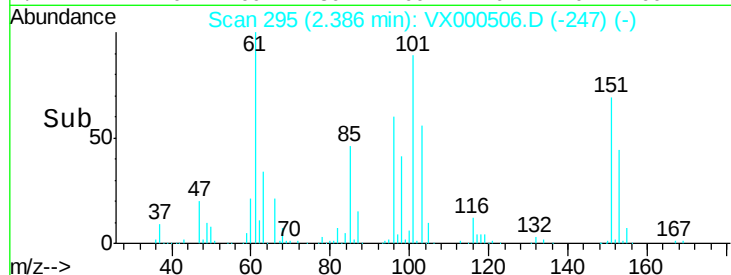
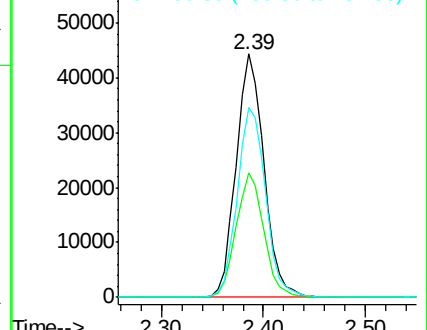
151 79.6 62.6 93.8



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: 37.40 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

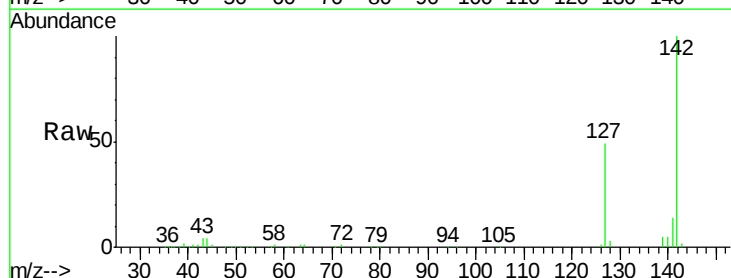
Tgt Ion:142 Resp: 64556

Ion Ratio Lower Upper

142 100

127 49.0 39.2 58.8

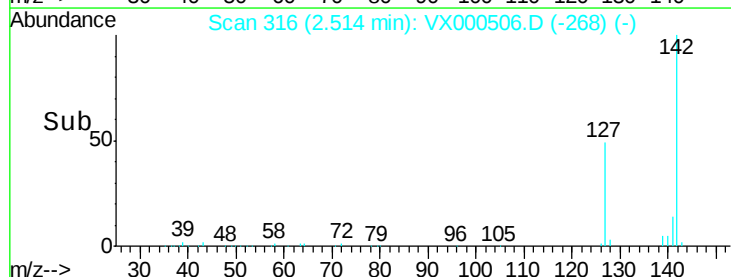
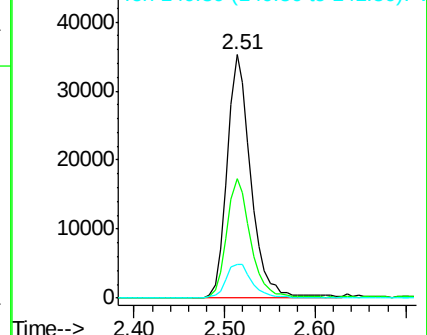
141 15.1 11.7 17.5

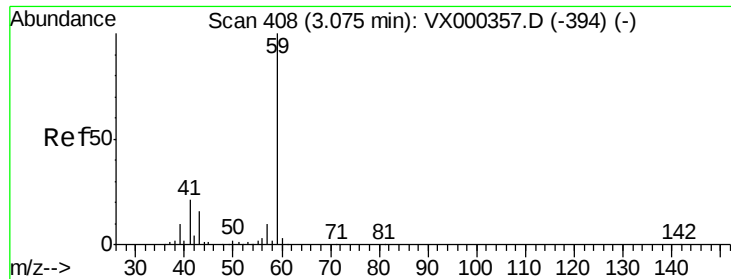


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

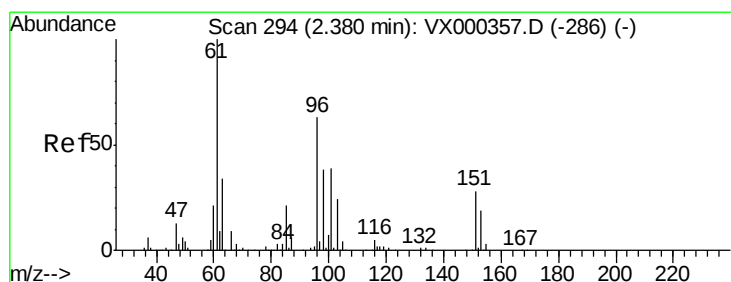
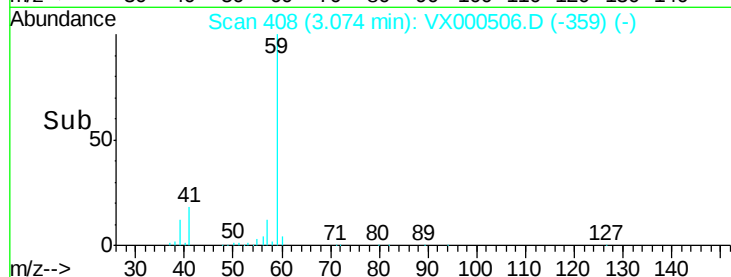
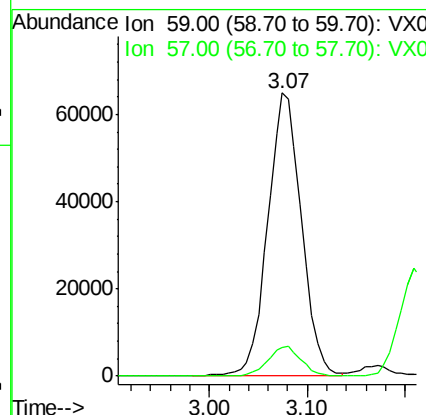
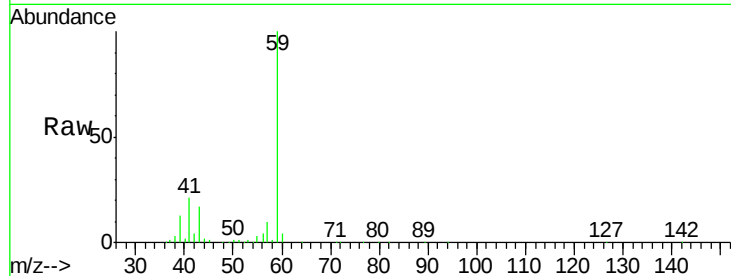




#11
Tert butyl alcohol
Concen: 239.52 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

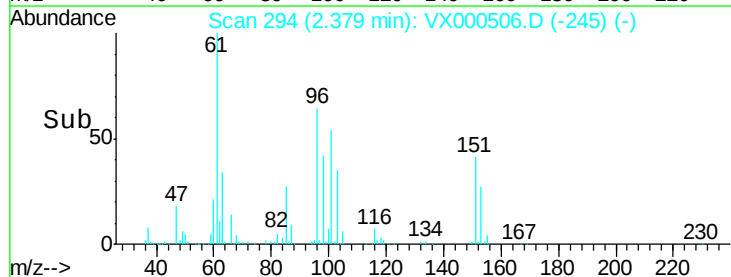
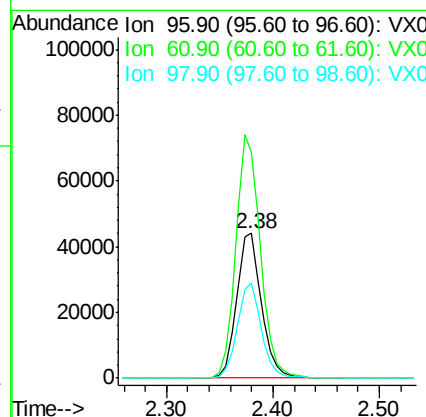
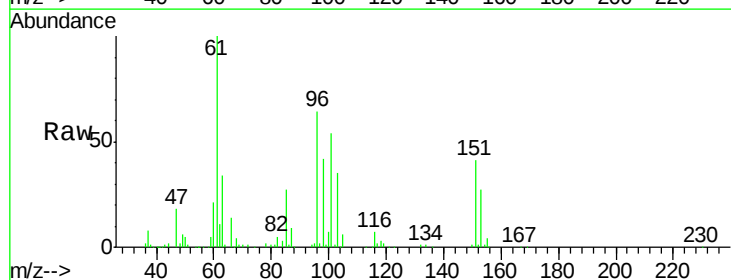
Instrument :
MSVOA_X
ClientSampled :

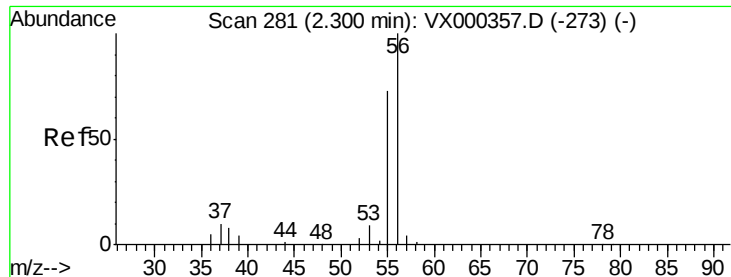
Tot Ion: 59 Resp: 156662
Ion Ratio Lower Upper
59 100
57 10.4 8.4 12.6



#12
1,1-Dichloroethene
Concen: 45.83 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Tgt Ion: 96 Resp: 72360
Ion Ratio Lower Upper
96 100
61 155.4 131.2 196.8
98 65.6 49.8 74.8





#13

Acrolein

Concen: 193.56 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

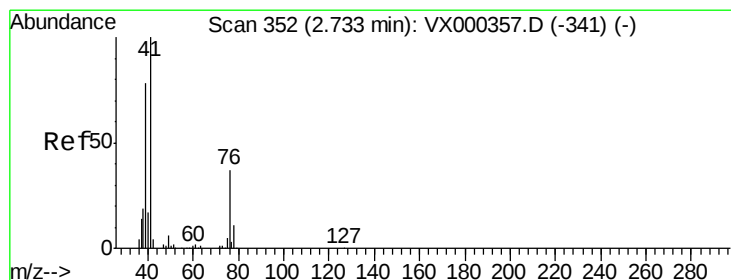
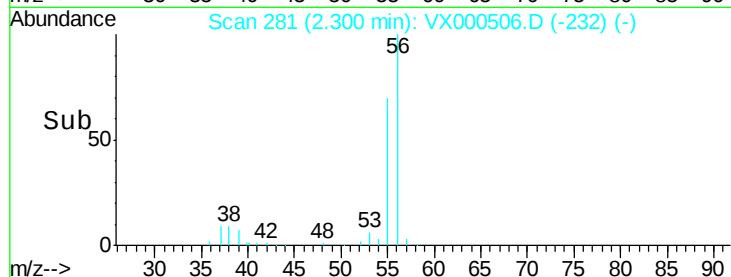
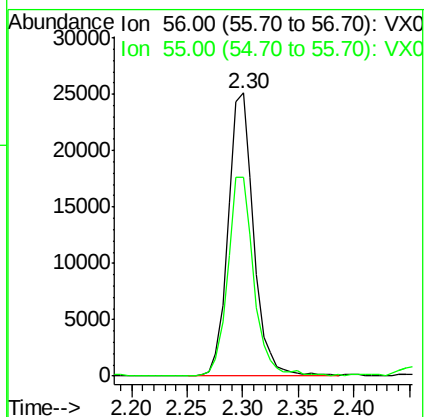
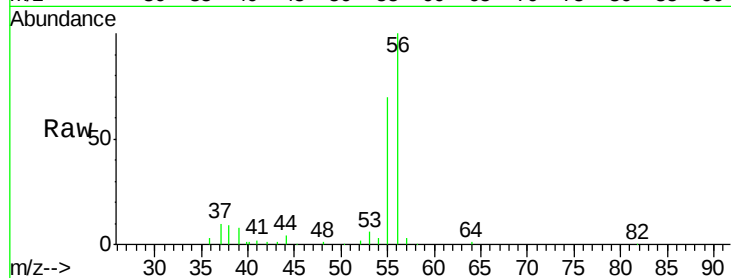
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 39693

Ion Ratio Lower Upper

56 100

55 72.1 58.8 88.2



#14

Allyl chloride

Concen: 48.35 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

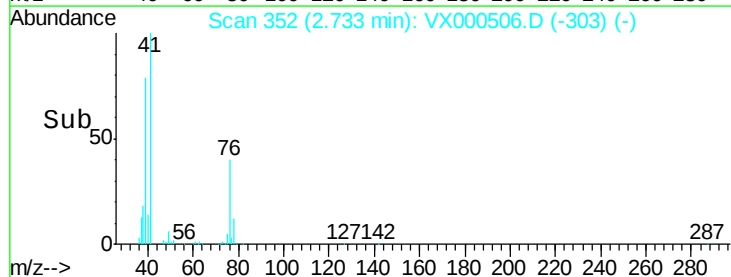
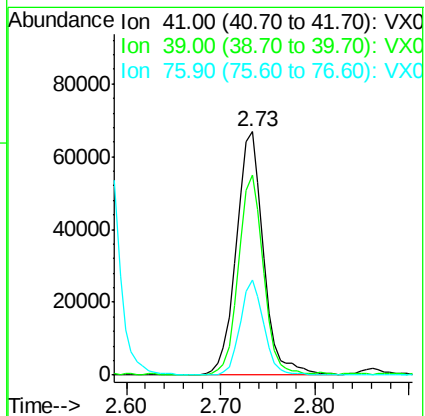
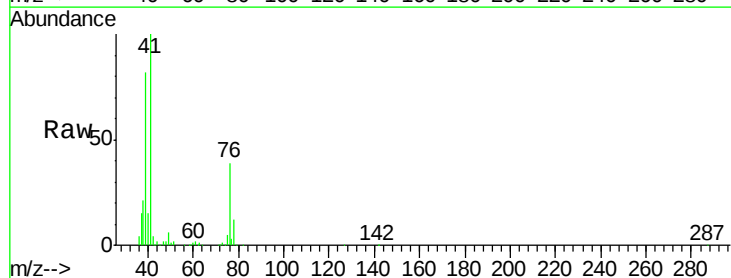
Tgt Ion: 41 Resp: 134839

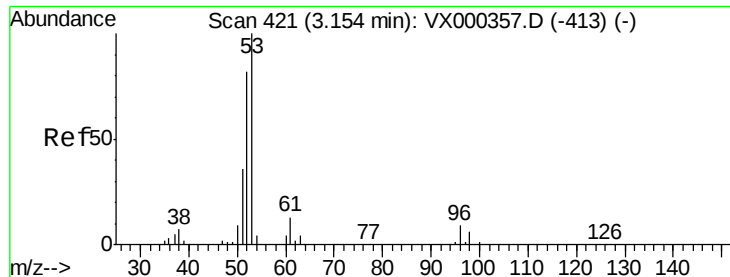
Ion Ratio Lower Upper

41 100

39 74.7 57.6 86.4

76 33.6 27.3 40.9





#15

Acrylonitrile

Concen: 234.43 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

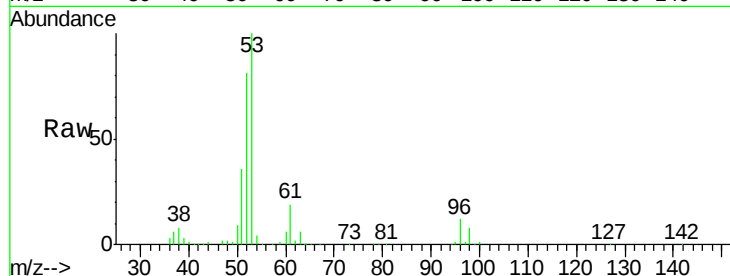
Tot Ion: 53 Resp: 310557

Ion Ratio Lower Upper

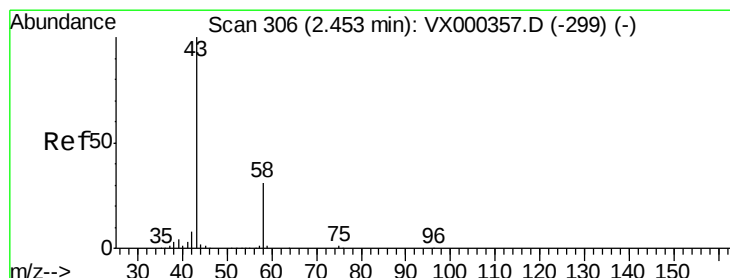
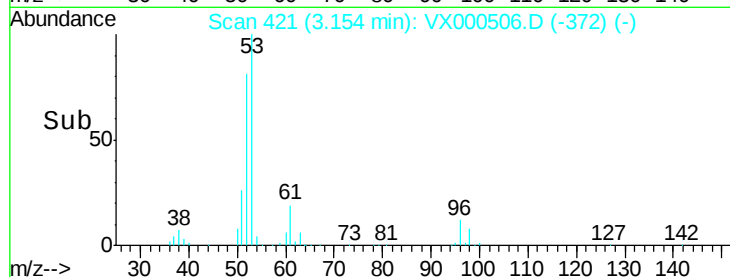
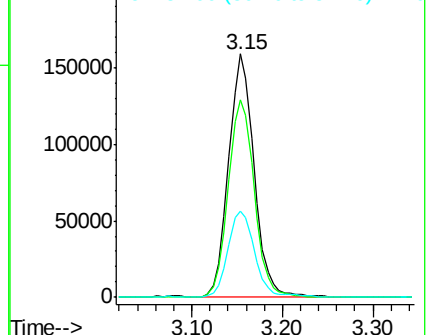
53 100

52 83.6 66.6 99.8

51 37.4 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: 236.81 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000506.D

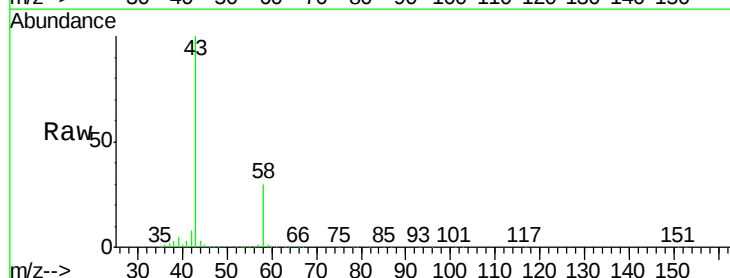
Acq: 29 Mar 2018 11:23

Tgt Ion: 43 Resp: 374589

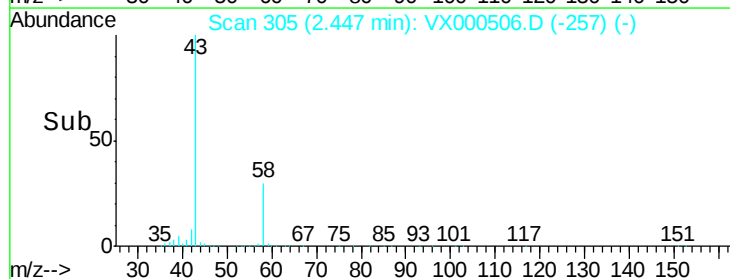
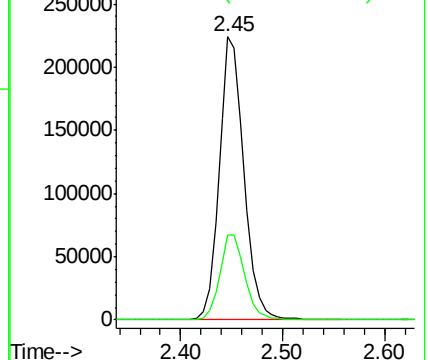
Ion Ratio Lower Upper

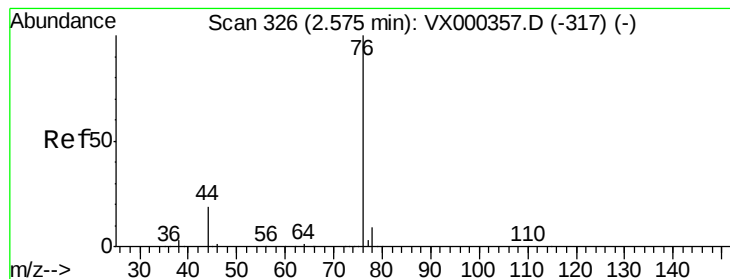
43 100

58 30.1 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: 43.96 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

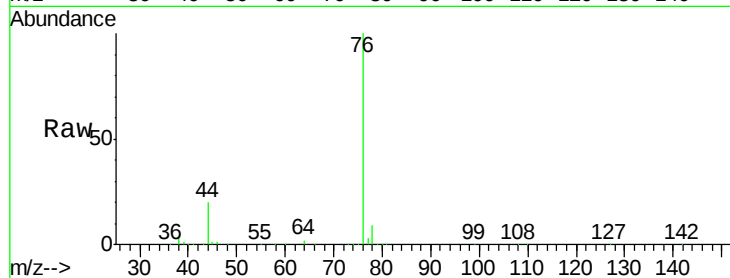
ClientSampled :

Tot Ion: 76 Resp: 184651

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

120000

100000

80000

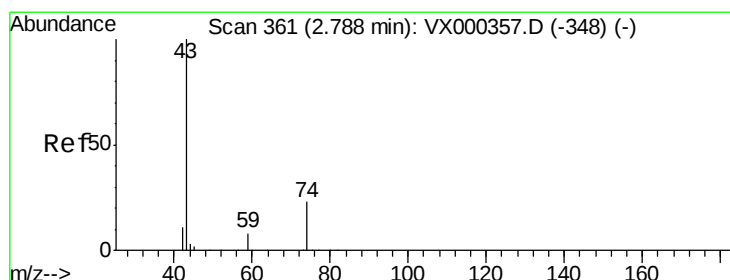
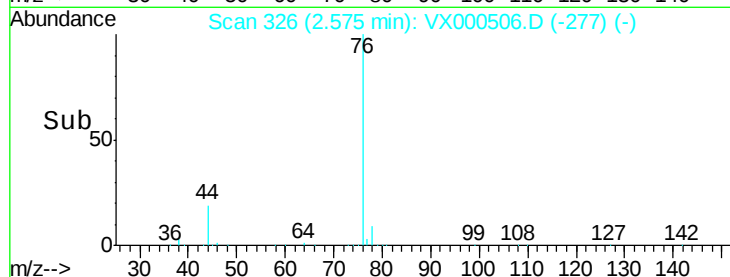
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 49.13 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000506.D

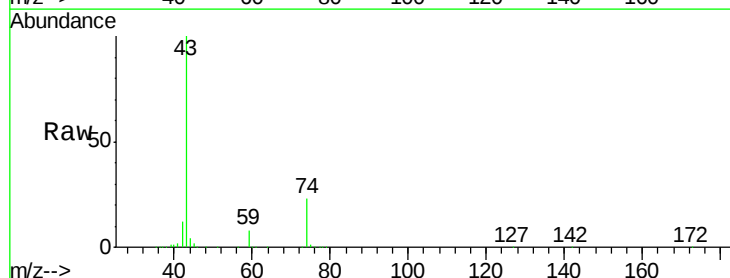
Acq: 29 Mar 2018 11:23

Tgt Ion: 43 Resp: 162924

Ion Ratio Lower Upper

43 100

74 23.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

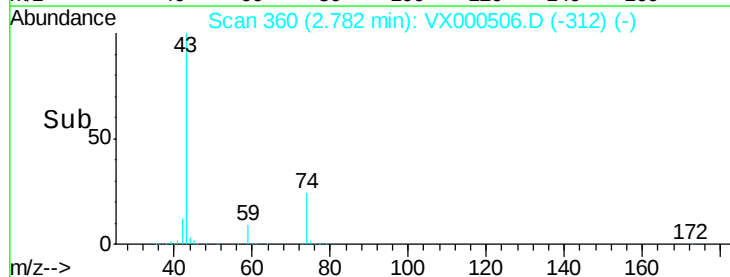
60000

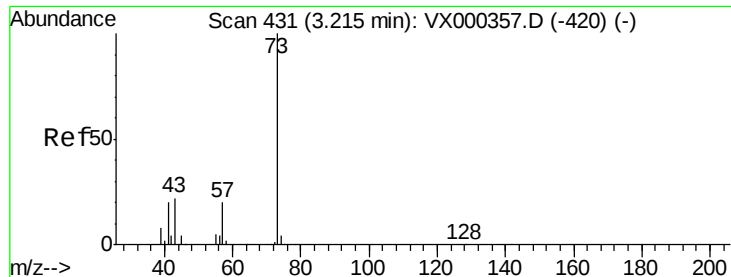
40000

20000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 47.36 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

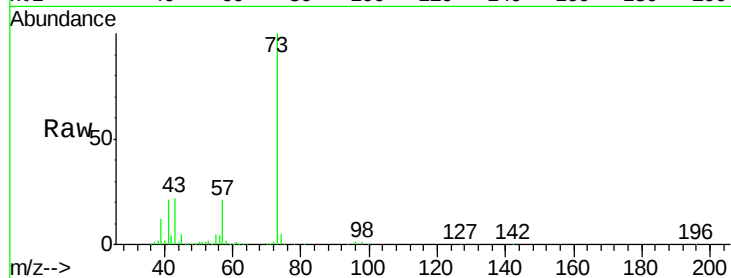
ClientSampled :

Tot Ion: 73 Resp: 276571

Ion Ratio Lower Upper

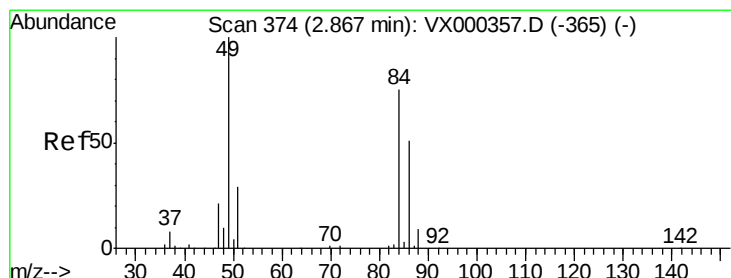
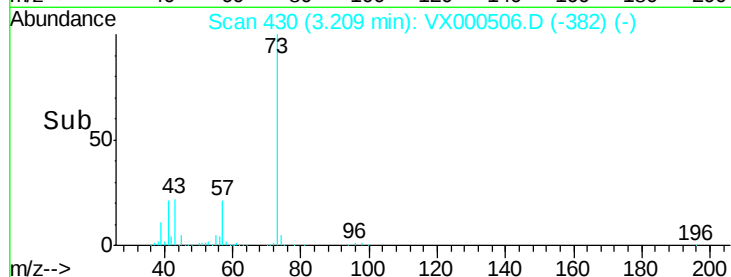
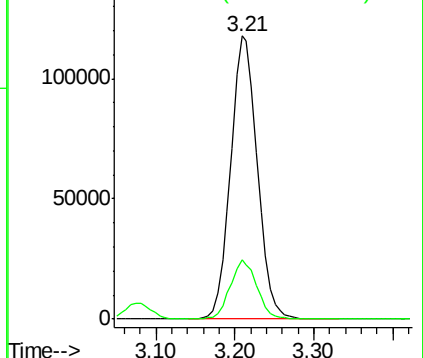
73 100

57 21.1 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 44.94 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Tgt Ion: 84 Resp: 82108

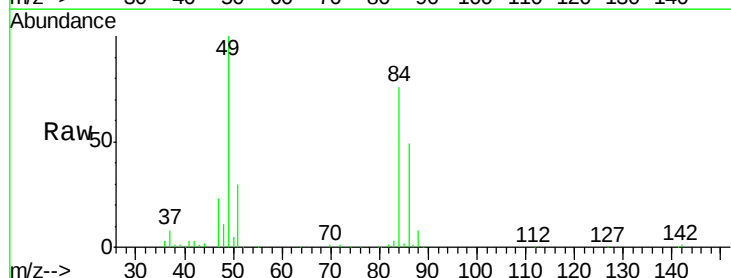
Ion Ratio Lower Upper

84 100

49 131.0 100.6 151.0

51 38.9 31.6 47.4

86 64.3 52.6 78.8

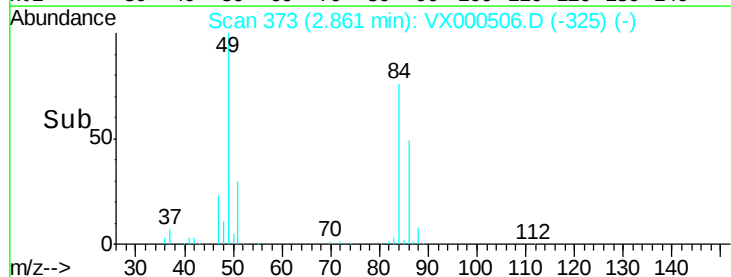
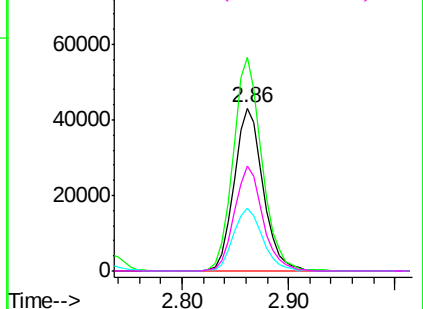


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 44.78 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

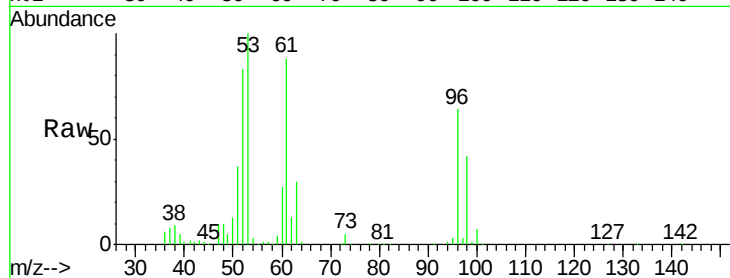
Tot Ion: 96 Resp: 78864

Ion Ratio Lower Upper

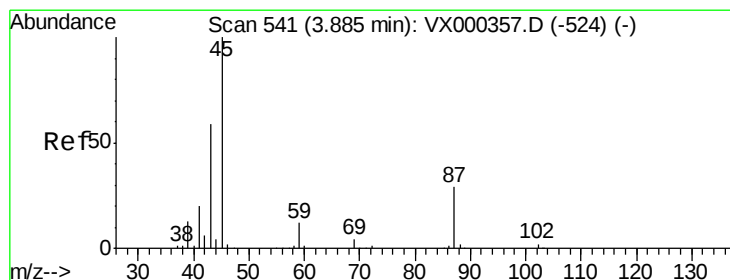
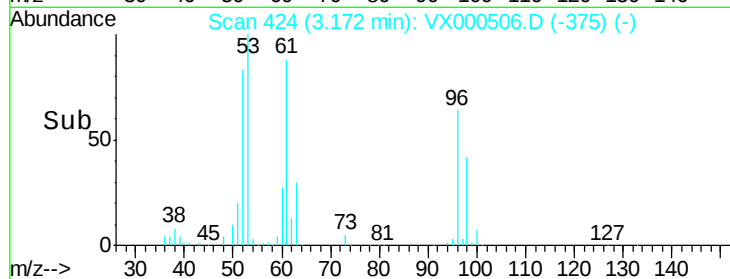
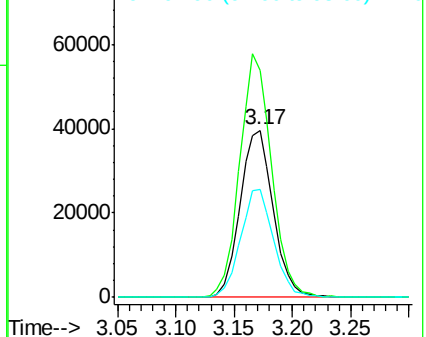
96 100

61 136.2 104.0 156.0

98 64.5 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: 54.80 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Tgt Ion: 45 Resp: 270506

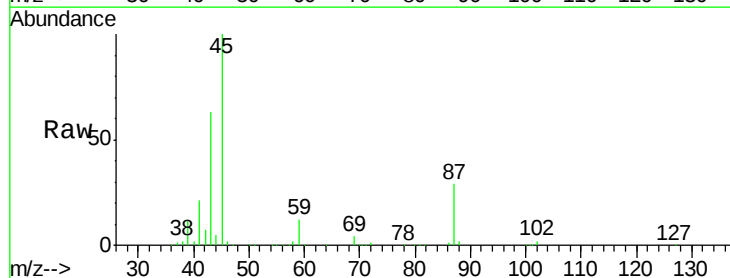
Ion Ratio Lower Upper

45 100

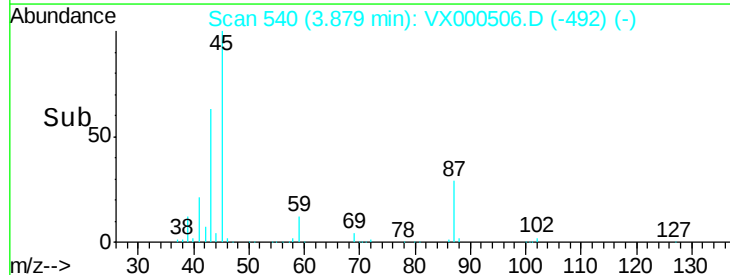
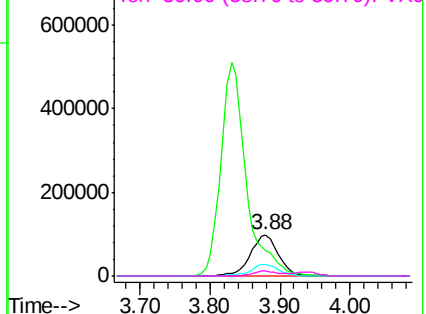
43 63.0 53.9 80.9

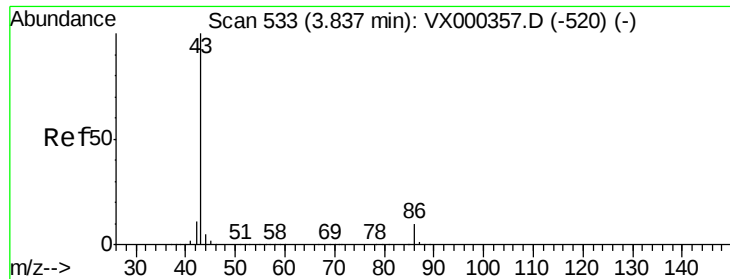
87 28.7 22.6 34.0

59 12.4 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: 276.90 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

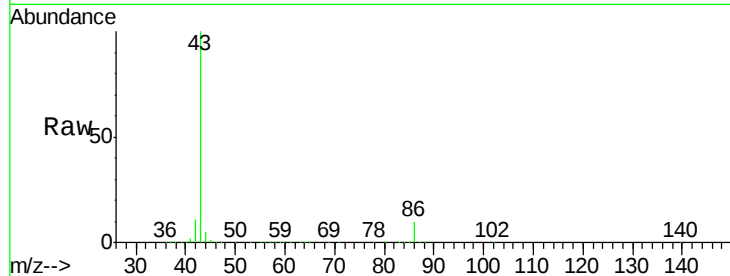
ClientSampled :

Tot Ion: 43 Resp: 1295648

Ion Ratio Lower Upper

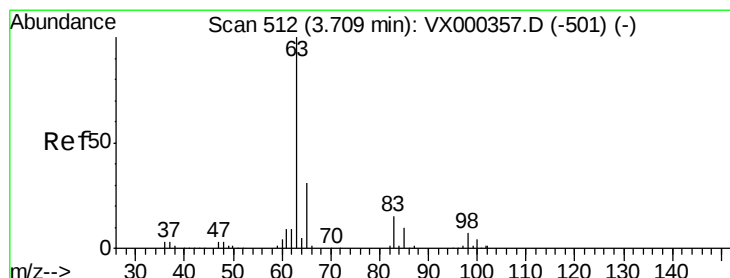
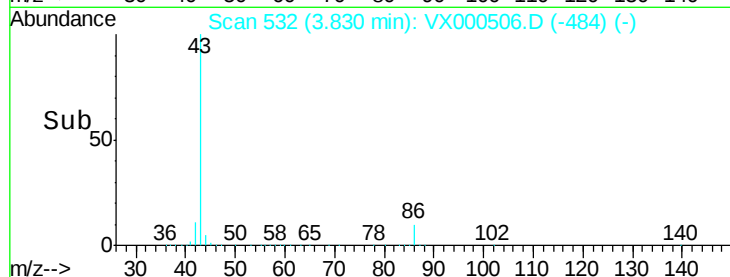
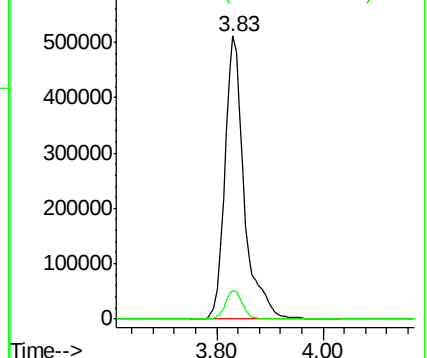
43 100

86 10.1 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX000506.D (-484) (-)

Ion 86.00 (85.70 to 86.70): VX000506.D (-484) (-)



#24

1,1-Dichloroethane

Concen: 46.98 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

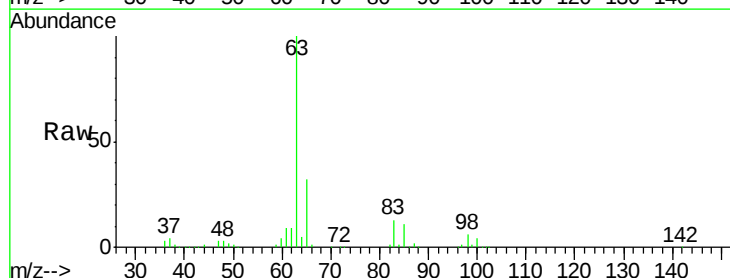
Tgt Ion: 63 Resp: 145800

Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.9

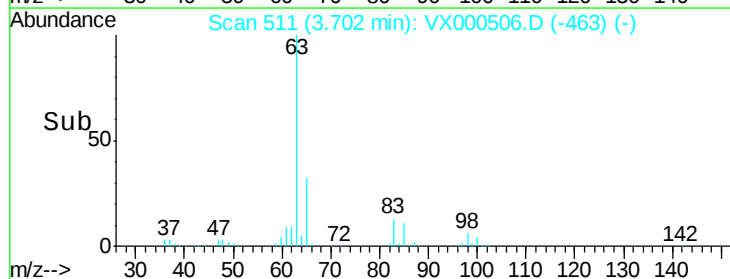
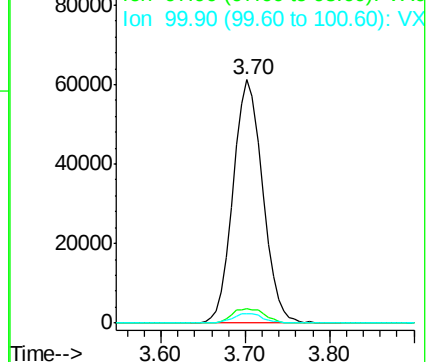
100 3.8 2.0 5.8

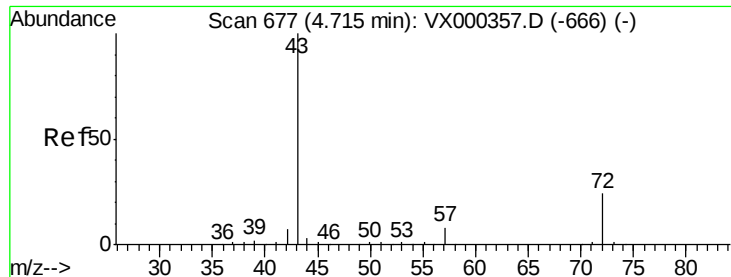


Abundance Ion 62.90 (62.60 to 63.60): VX000506.D (-463) (-)

Ion 97.90 (97.60 to 98.60): VX000506.D (-463) (-)

Ion 99.90 (99.60 to 100.60): VX000506.D (-463) (-)





#25

2-Butanone

Concen: 229.83 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

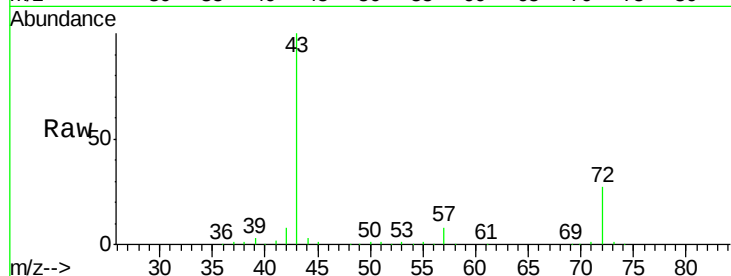
ClientSampled :

Tot Ion: 43 Resp: 408641

Ion Ratio Lower Upper

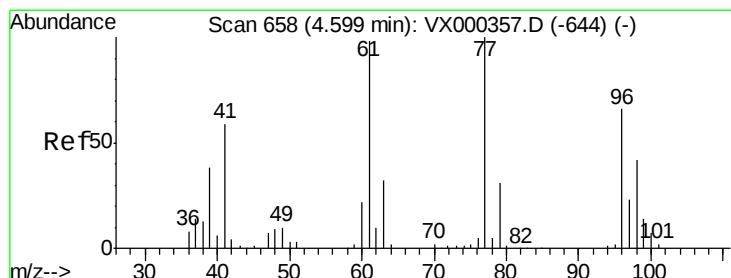
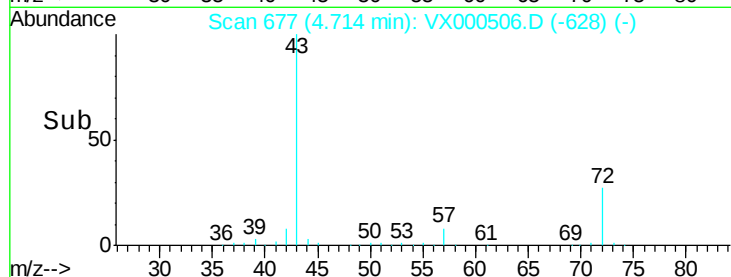
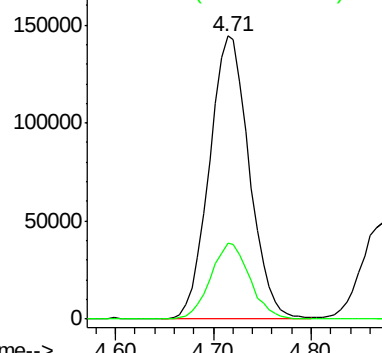
43 100

72 26.9 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 46.15 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000506.D

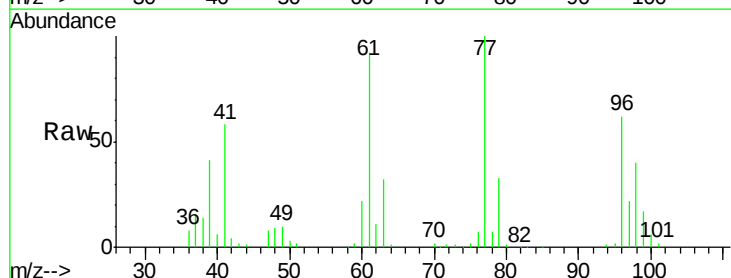
Acq: 29 Mar 2018 11:23

Tgt Ion: 77 Resp: 100388

Ion Ratio Lower Upper

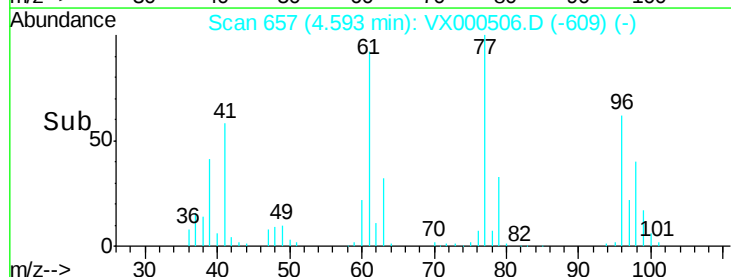
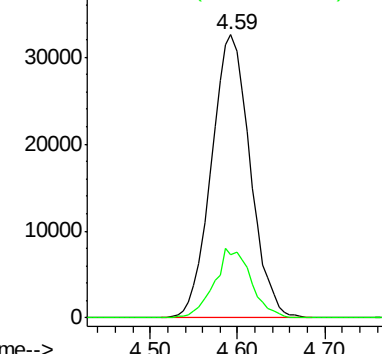
77 100

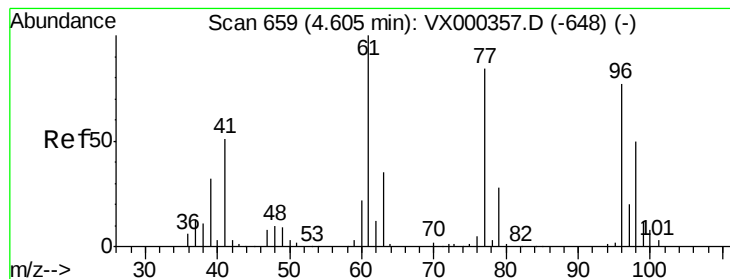
97 23.1 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 44.21 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

ClientSampled :

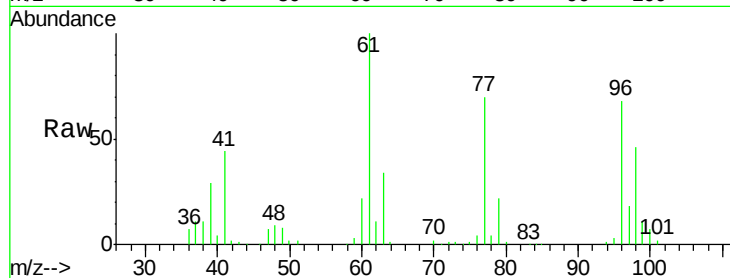
Tot Ion: 96 Resp: 72770

Ion Ratio Lower Upper

96 100

61 143.2 0.0 291.6

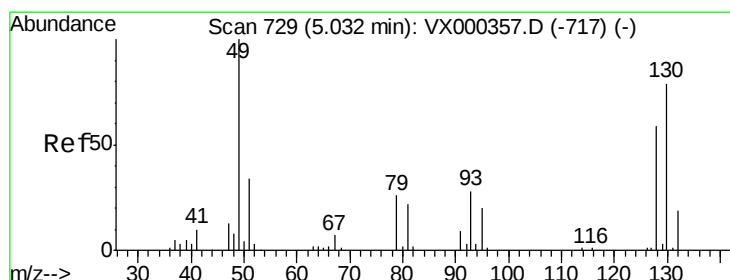
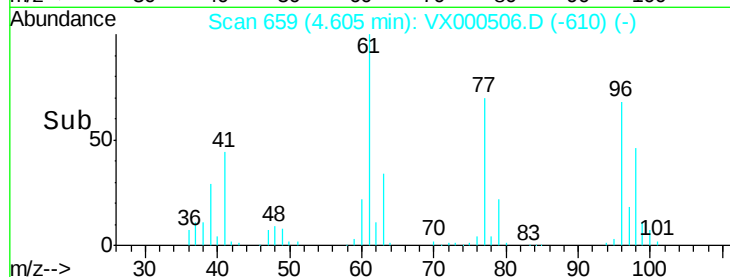
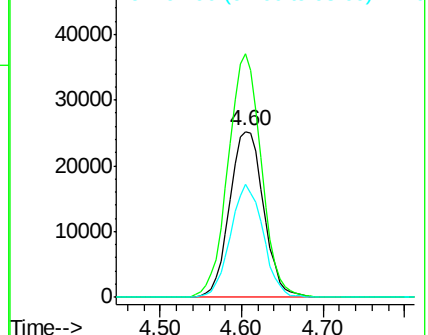
98 64.9 0.0 132.0



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: 65.08 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

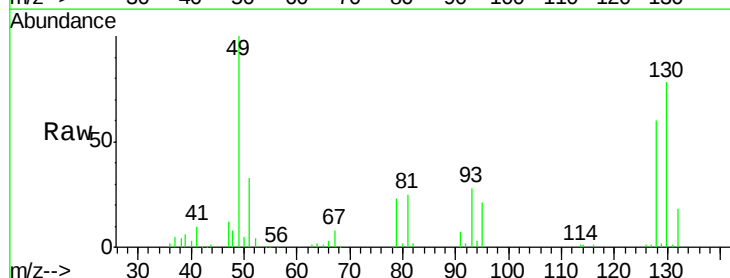
Tgt Ion: 49 Resp: 83288

Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.0

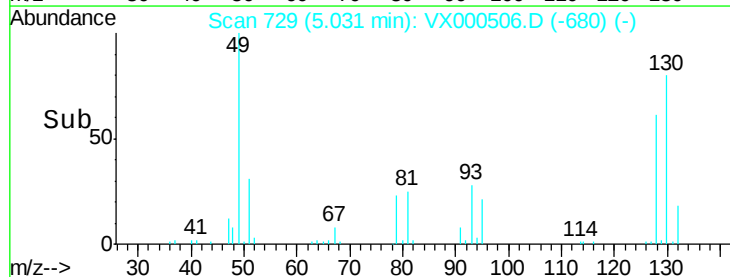
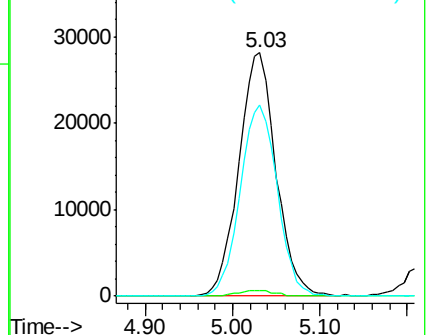
130 78.5 64.0 96.0

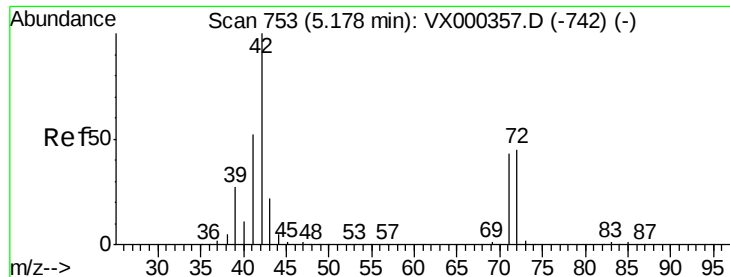


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

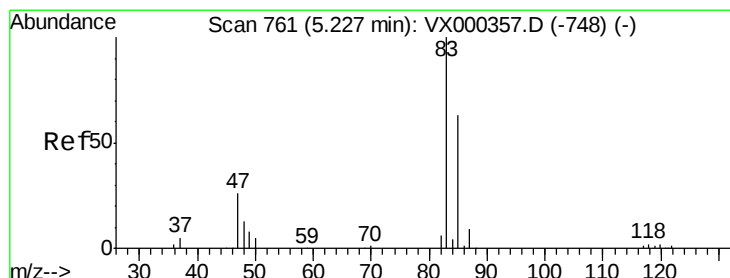
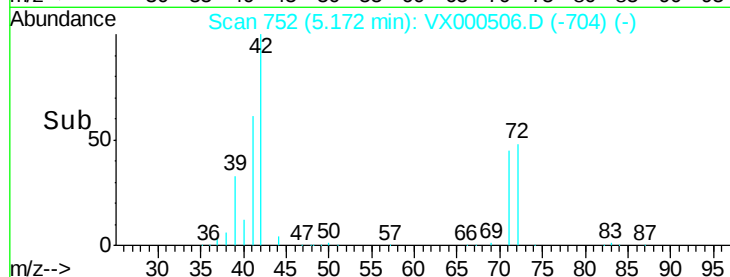
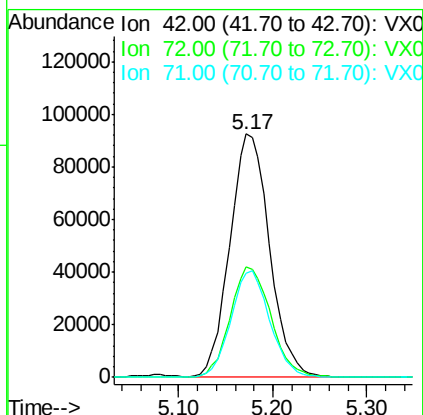
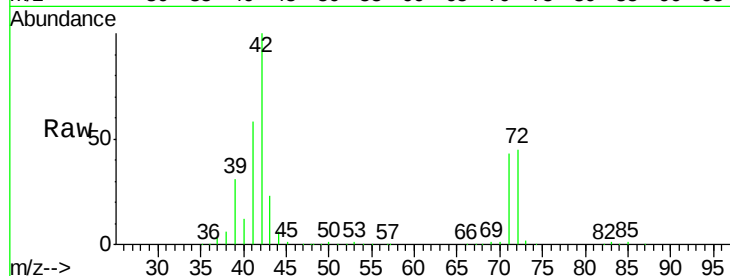




#29
Tetrahydrofuran
Concen: 247.77 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

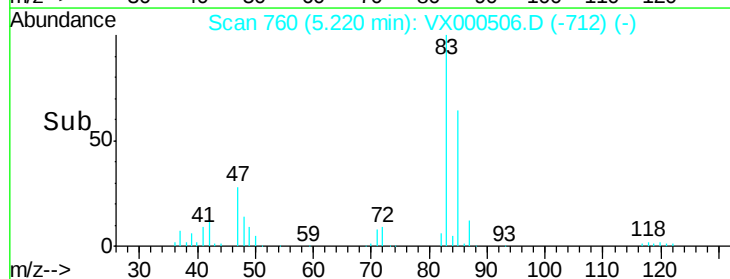
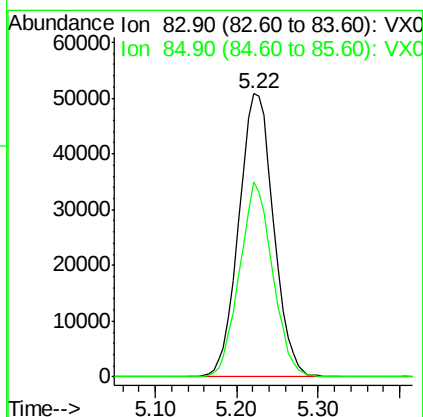
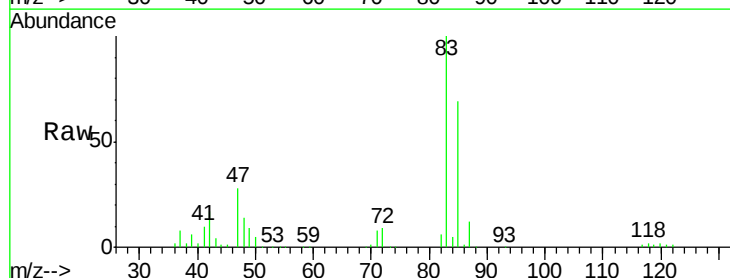
Instrument :
MSVOA_X
ClientSampleId :

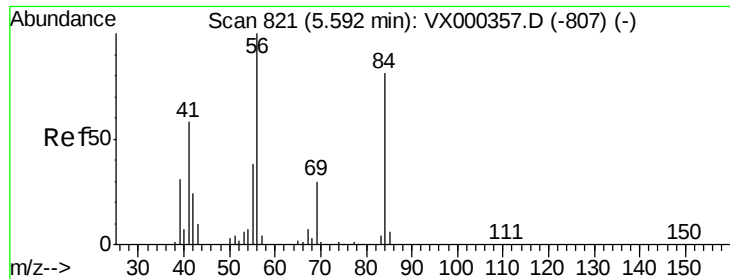
Tot Ion: 42 Resp: 271050
Ion Ratio Lower Upper
42 100
72 46.9 37.9 56.9
71 43.3 34.4 51.6



#30
Chloroform
Concen: 51.73 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Tgt Ion: 83 Resp: 150448
Ion Ratio Lower Upper
83 100
85 68.7 53.3 79.9

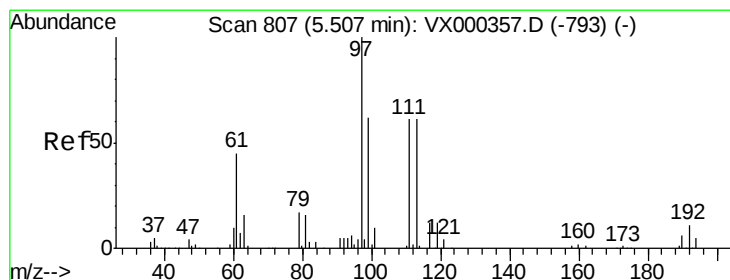
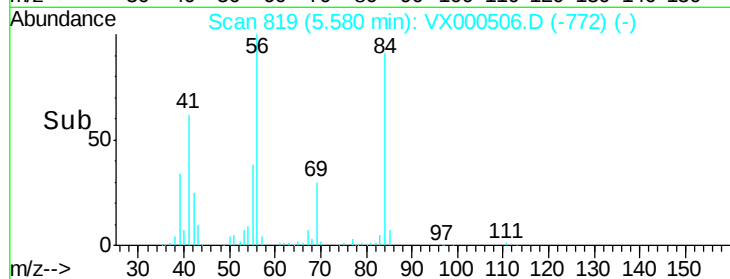
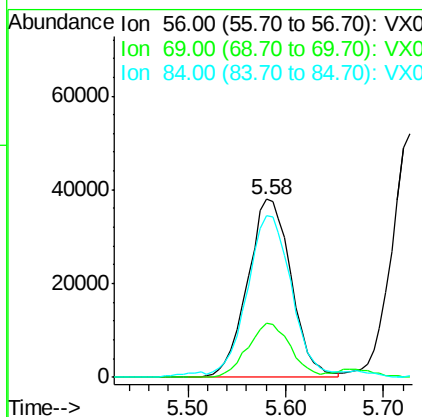
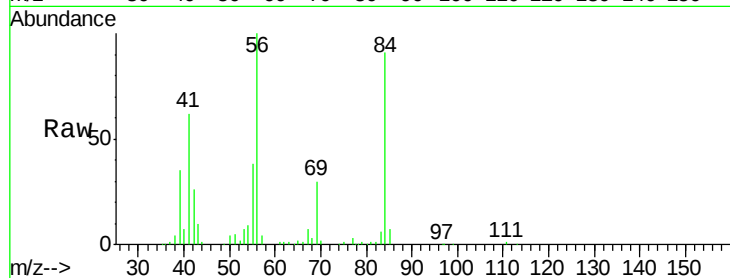




#31
Cyclohexane
Concen: 48.95 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

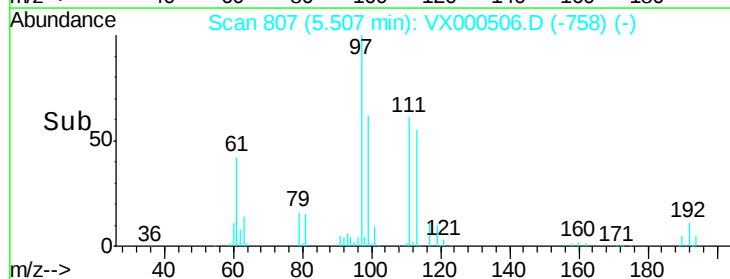
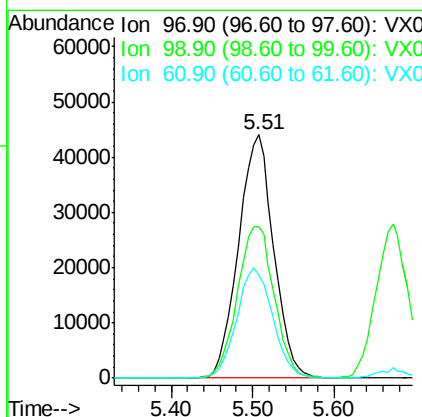
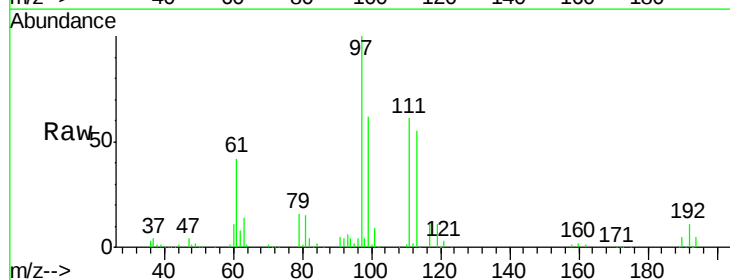
Instrument :
MSVOA_X
ClientSampleId :

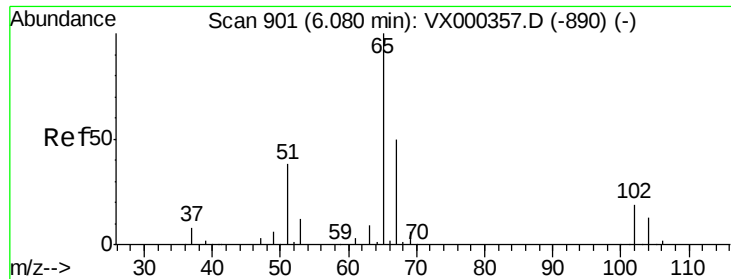
Tot Ion: 56 Resp: 117428
Ion Ratio Lower Upper
56 100
69 30.5 23.4 35.0
84 88.4 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 50.29 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Tgt Ion: 97 Resp: 131959
Ion Ratio Lower Upper
97 100
99 65.1 52.1 78.1
61 46.2 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 47.60 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

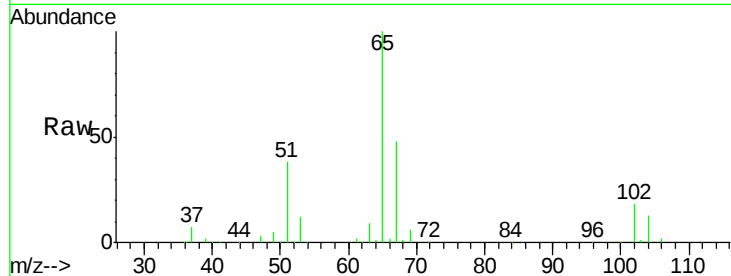
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 65 Resp: 90504

Ion Ratio Lower Upper

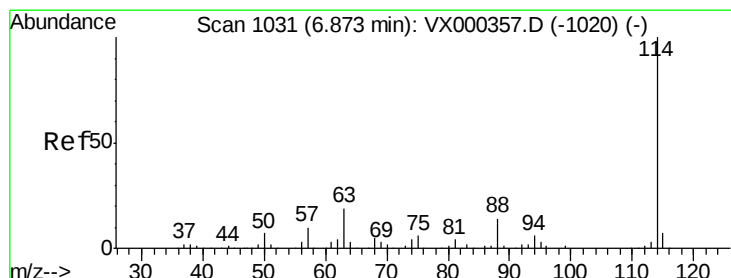
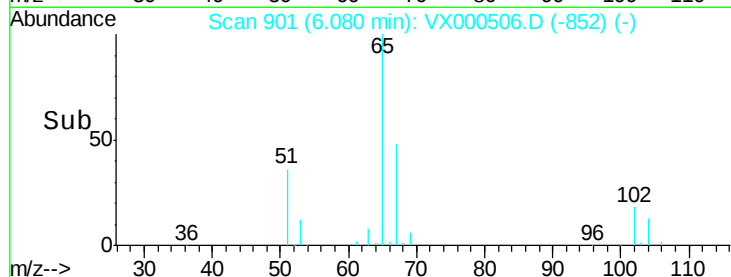
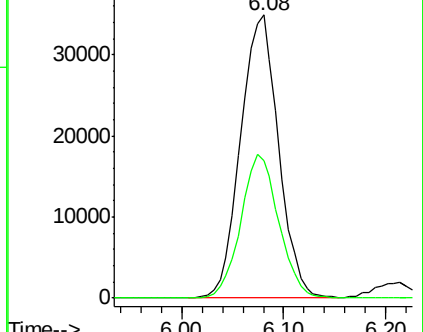
65 100

67 50.6 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

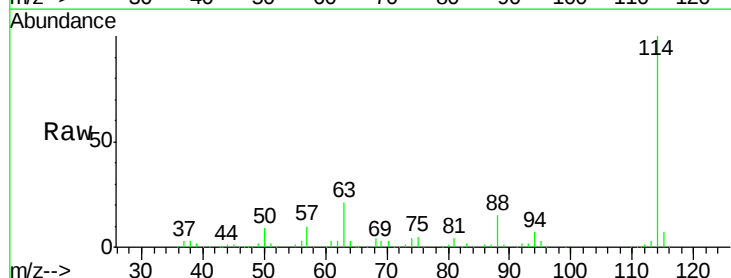
Tgt Ion: 114 Resp: 230667

Ion Ratio Lower Upper

114 100

63 21.4 0.0 38.4

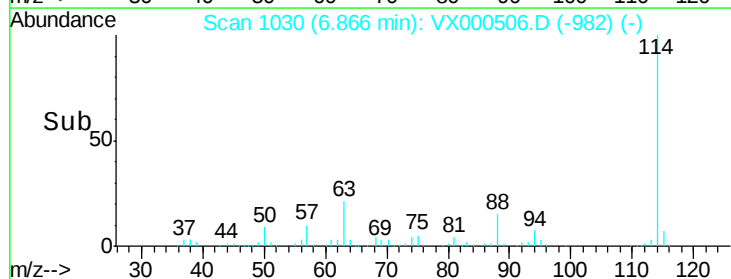
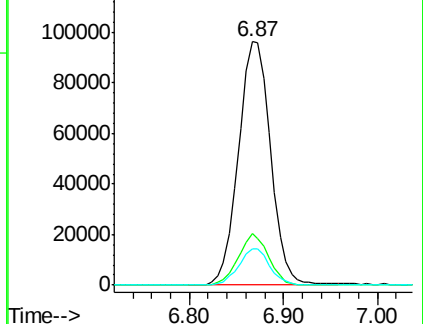
88 15.0 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

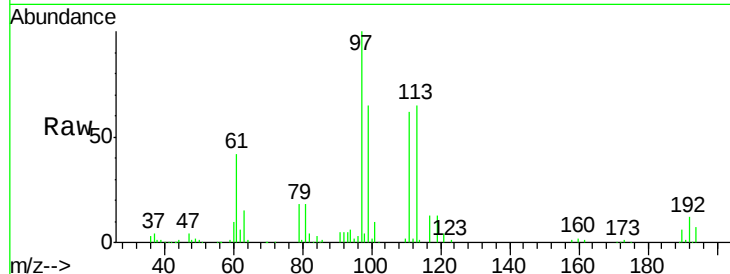




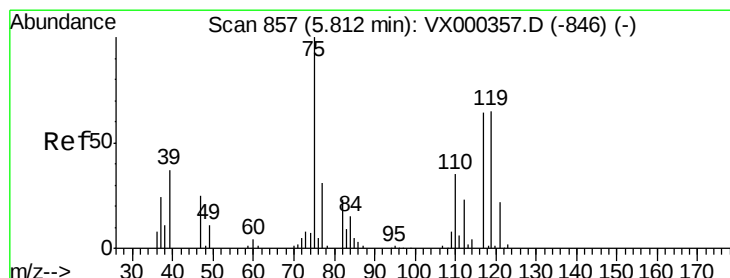
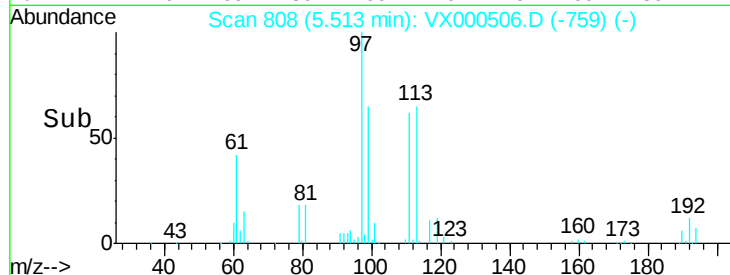
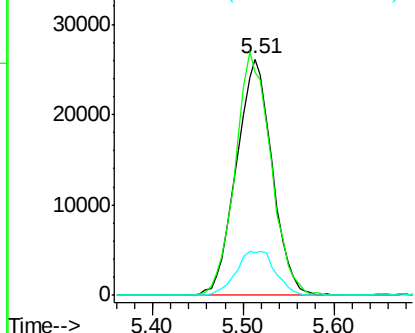
#35
 Dibromofluoromethane
 Concen: 49.15 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000506.D
 Acq: 29 Mar 2018 11:23

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:113 Resp: 71438
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.4 123.6
 192 20.5 15.8 23.6

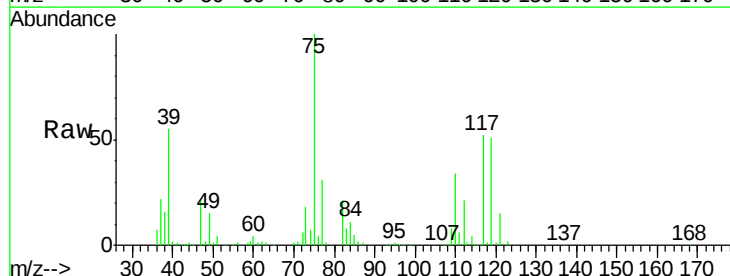


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

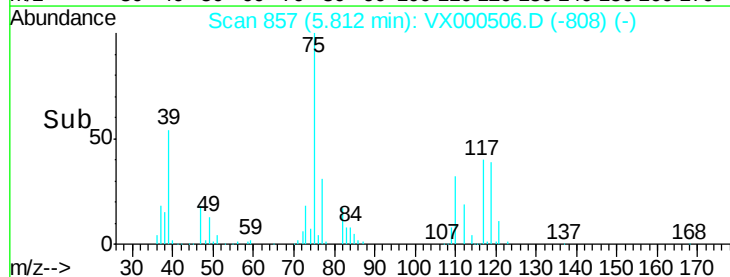
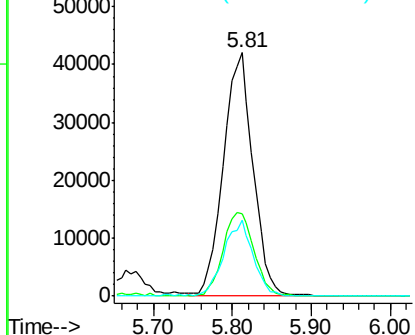


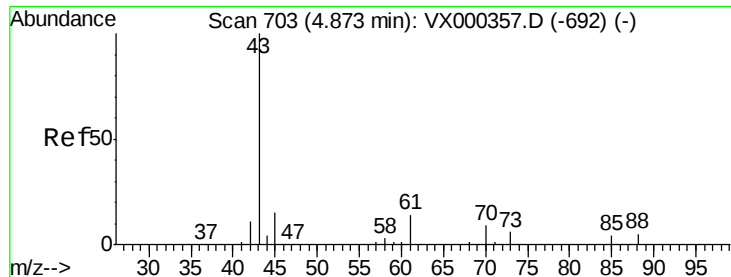
#36
 1,1-Dichloropropene
 Concen: 51.02 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000506.D
 Acq: 29 Mar 2018 11:23

Tgt Ion: 75 Resp: 110240
 Ion Ratio Lower Upper
 75 100
 110 36.0 17.9 53.7
 77 31.3 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

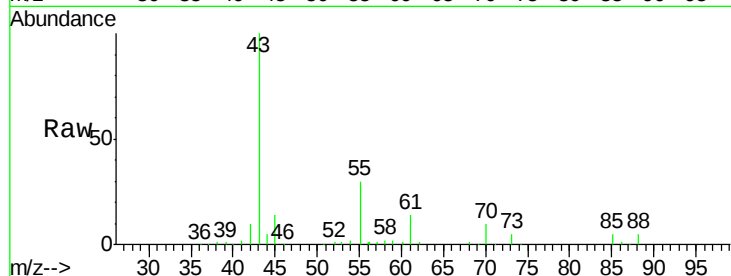




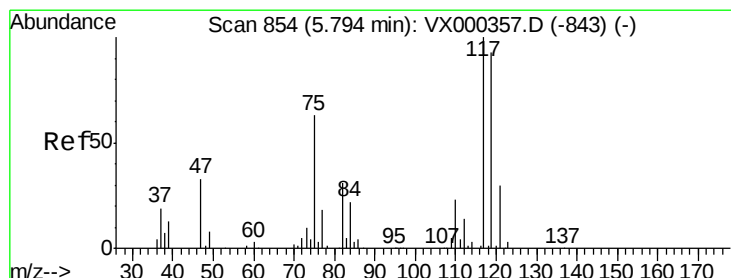
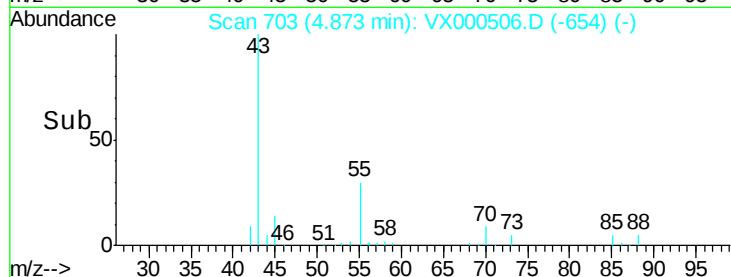
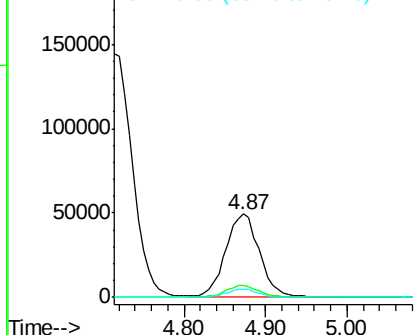
#37
Ethyl Acetate
Concen: 47.78 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 141009
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 9.6 7.7 11.5

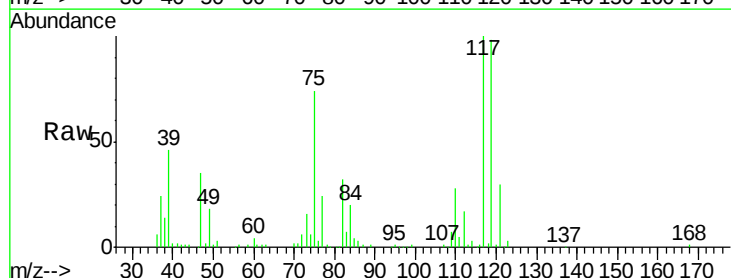


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

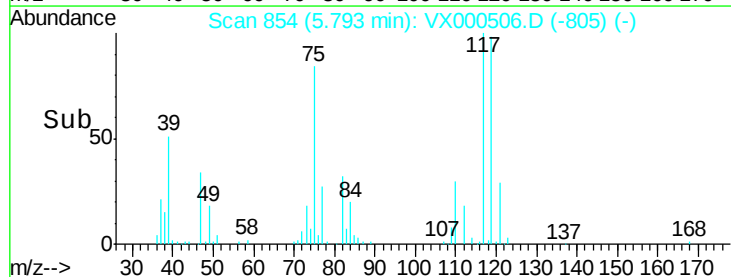
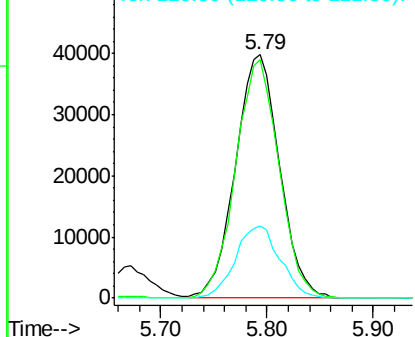


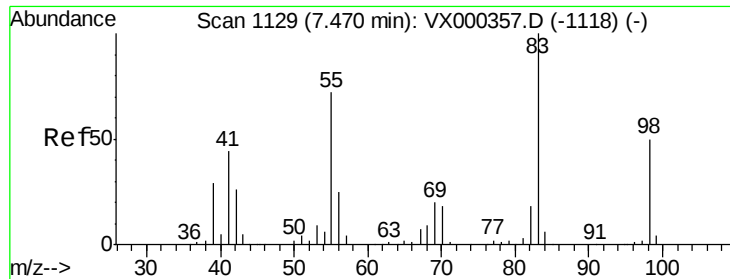
#38
Carbon Tetrachloride
Concen: 51.12 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Tgt Ion: 117 Resp: 115870
Ion Ratio Lower Upper
117 100
119 97.8 77.4 116.2
121 29.6 24.8 37.2



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

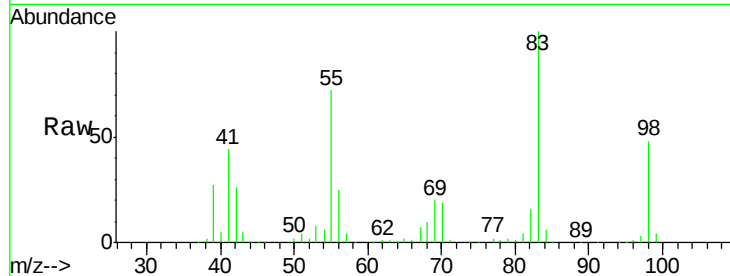




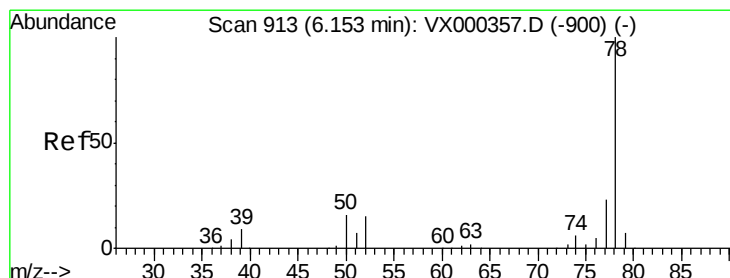
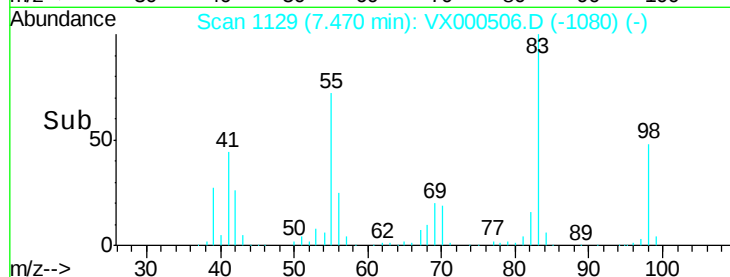
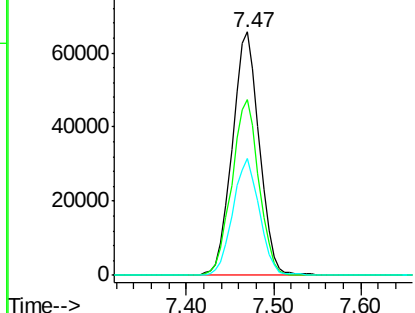
#39
Methvlcvclohexane
Concen: 53.67 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 141032
Ion Ratio Lower Upper
83 100
55 72.5 55.5 83.3
98 48.2 38.2 57.4

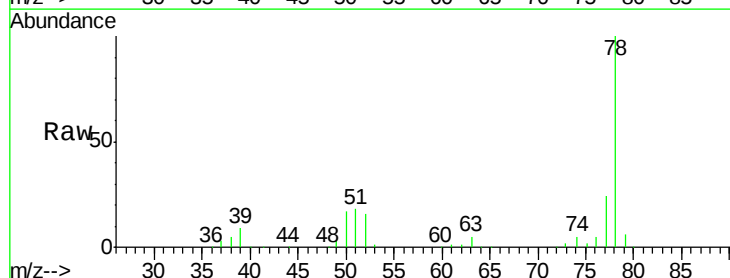


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

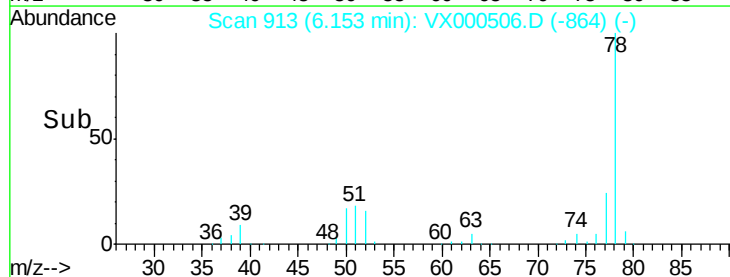
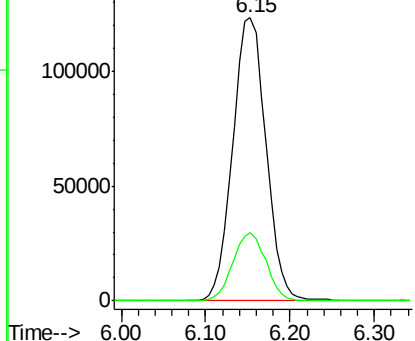


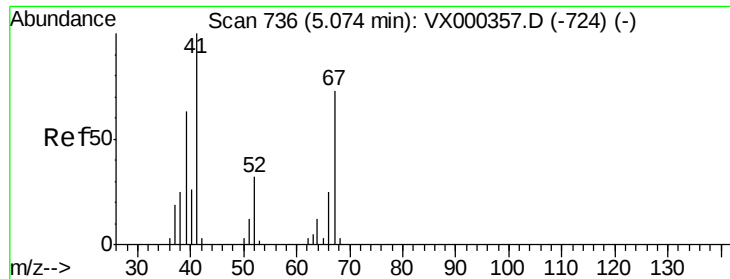
#40
Benzene
Concen: 52.52 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Tgt Ion: 78 Resp: 329552
Ion Ratio Lower Upper
78 100
77 24.3 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

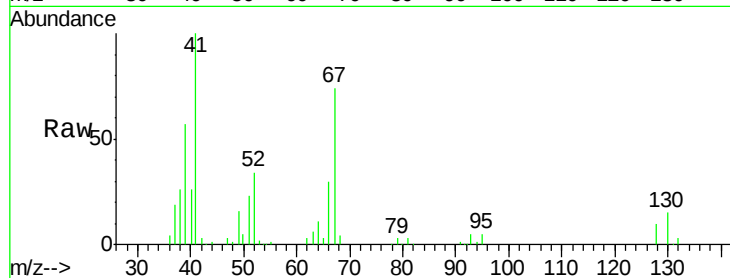




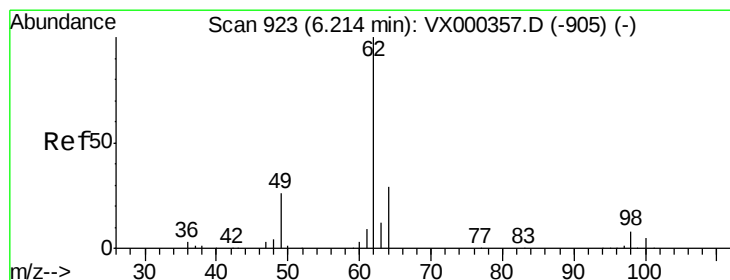
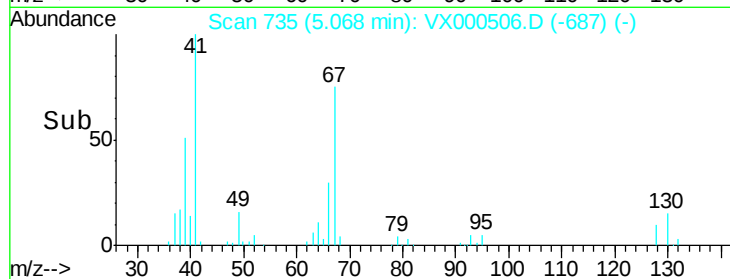
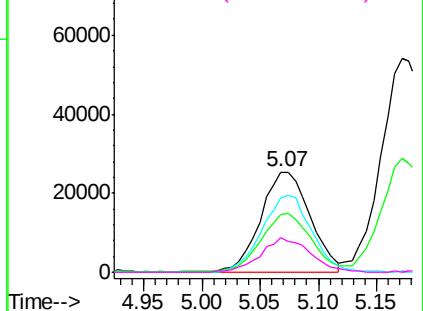
#41
Methacrylonitrile
Concen: 48.05 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	74764
Ion	Ratio	Lower	Upper
41	100		
39	58.5	45.7	68.5
67	76.9	57.8	86.8
52	34.4	26.7	40.1

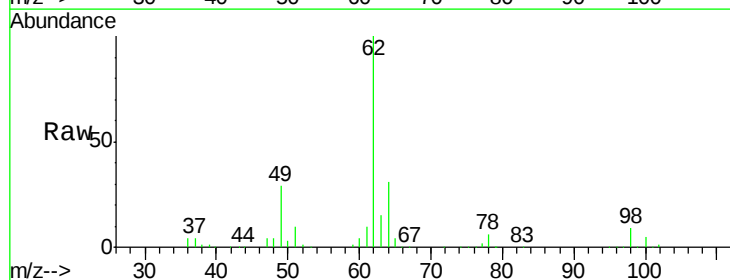


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

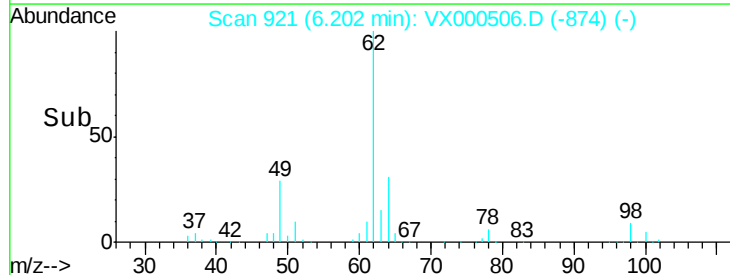
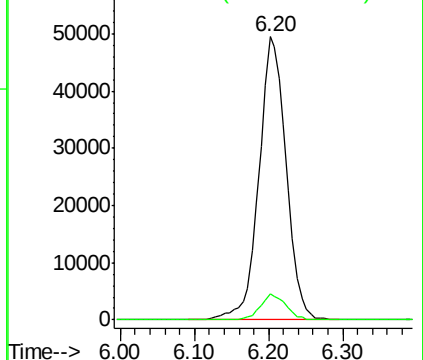


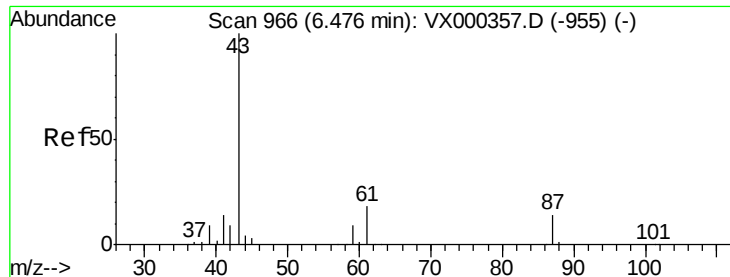
#42
1,2-Dichloroethane
Concen: 51.46 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Tgt Ion:	62	Resp:	126687
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 53.26 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

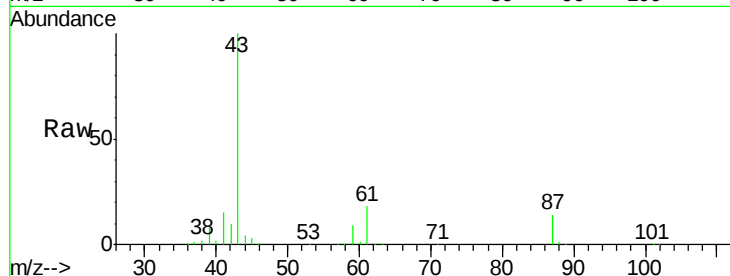
Tot Ion: 43 Resp: 234006

Ion Ratio Lower Upper

43 100

61 18.0 14.4 21.6

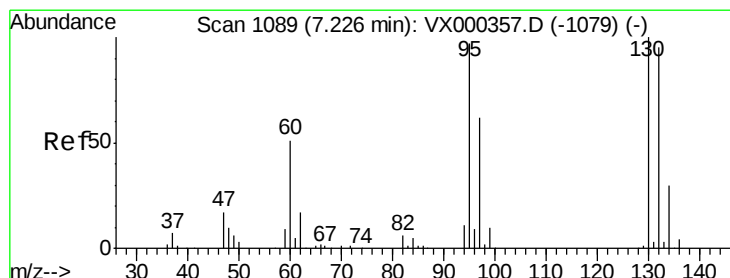
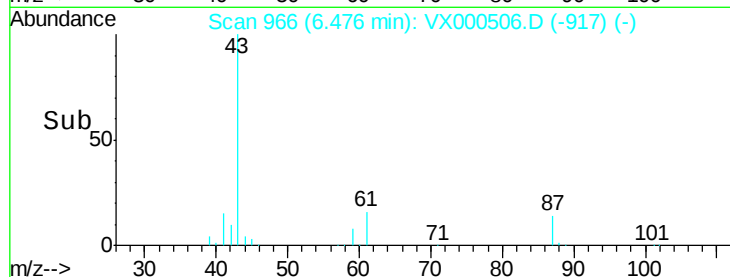
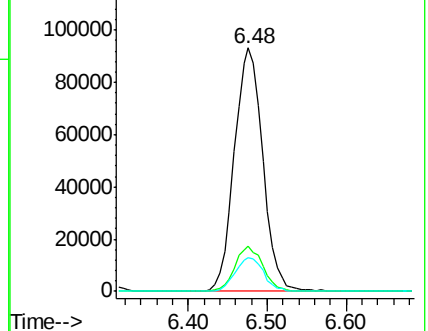
87 13.9 11.0 16.4



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: 52.93 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000506.D

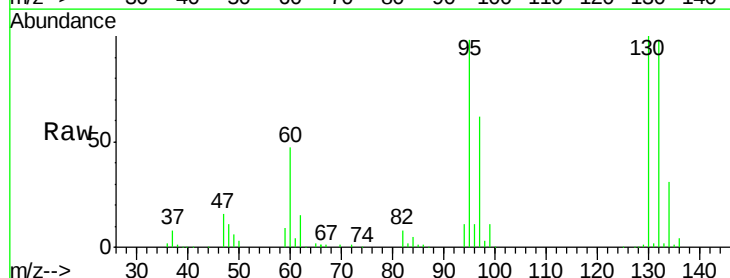
Acq: 29 Mar 2018 11:23

Tgt Ion:130 Resp: 95145

Ion Ratio Lower Upper

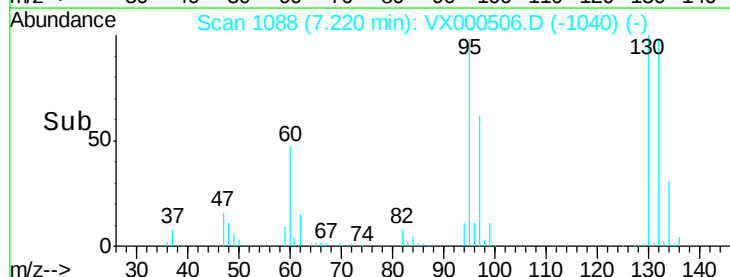
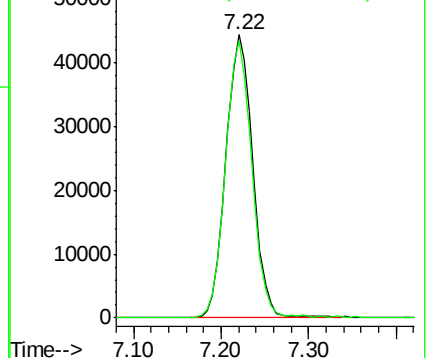
130 100

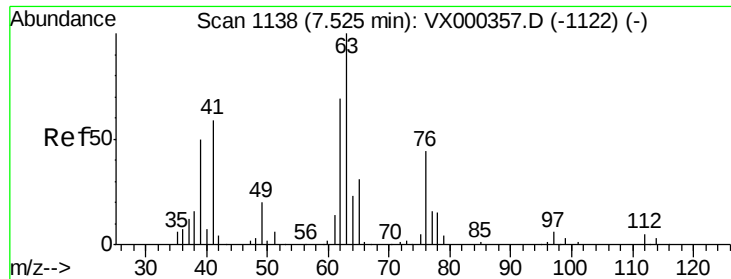
95 98.0 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

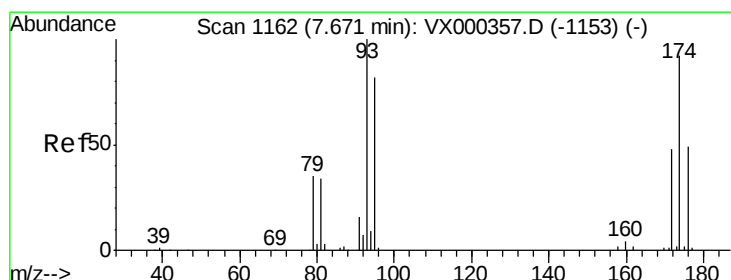
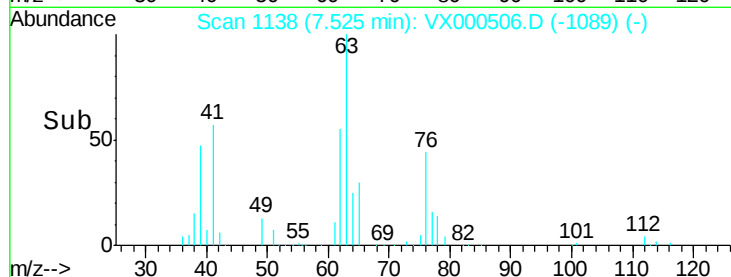
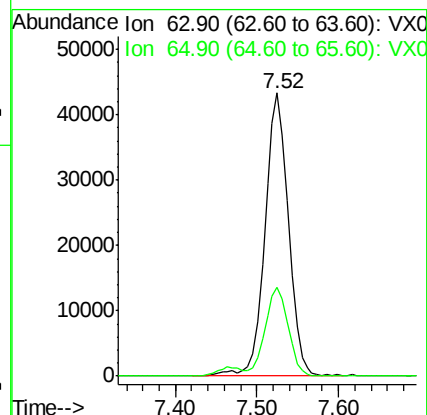
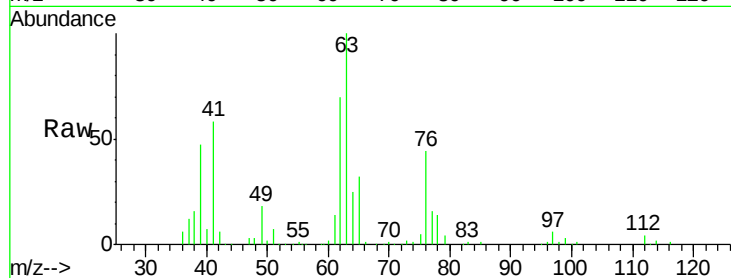




#45
1,2-Dichloropropane
Concen: 54.20 ug/l
RT: 7.52 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

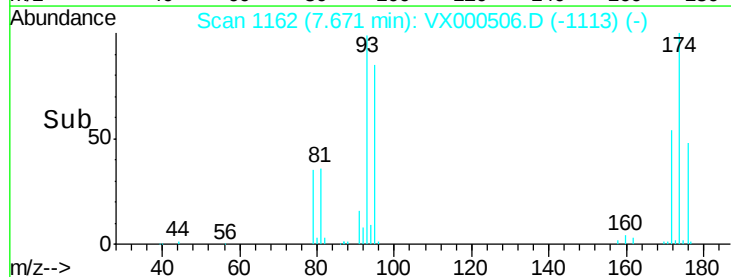
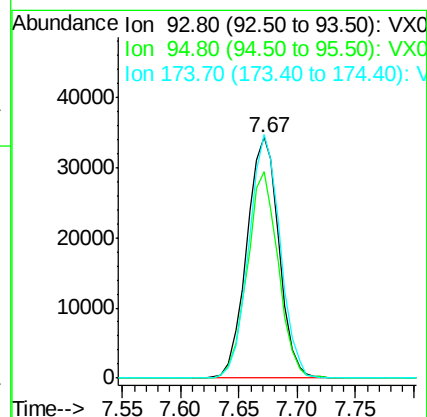
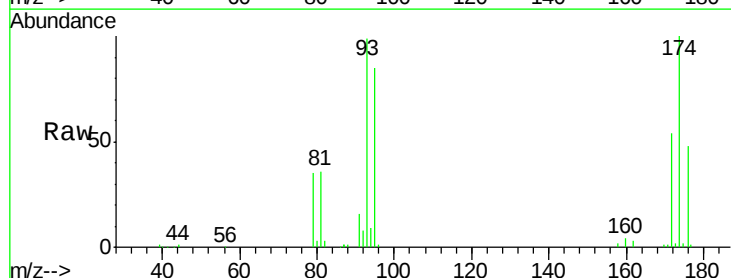
Instrument :
MSVOA_X
ClientSampled :

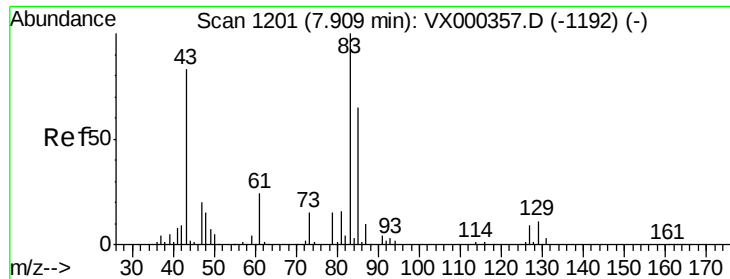
Tot Ion: 63 Resp: 87054
Ion Ratio Lower Upper
63 100
65 31.6 24.6 36.8



#46
Dibromomethane
Concen: 52.38 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Tgt Ion: 93 Resp: 66033
Ion Ratio Lower Upper
93 100
95 82.4 66.5 99.7
174 98.5 76.0 114.0





#47

Bromodichloromethane

Concen: 56.25 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :
MSVOA_X
ClientSampled :

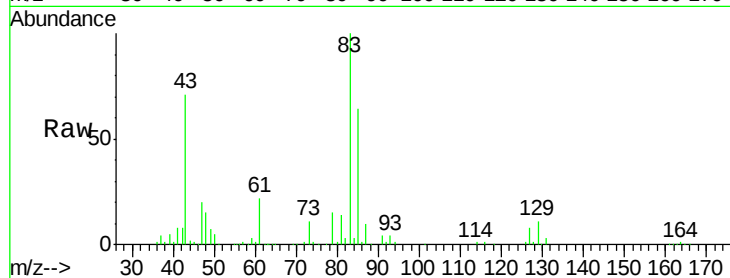
Tot Ion: 83 Resp: 124771

Ion Ratio Lower Upper

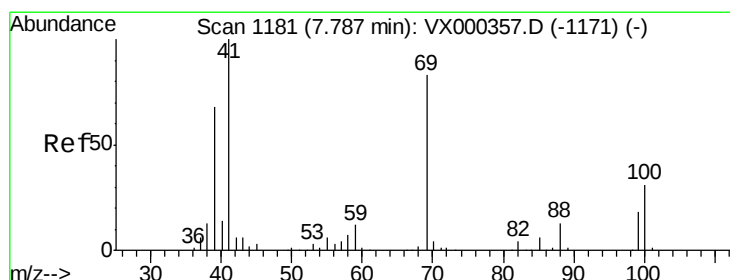
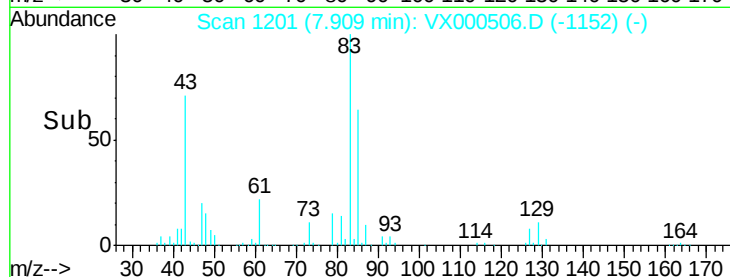
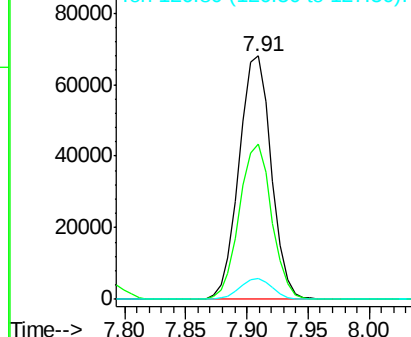
83 100

85 63.8 51.4 77.0

127 8.4 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: 54.30 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

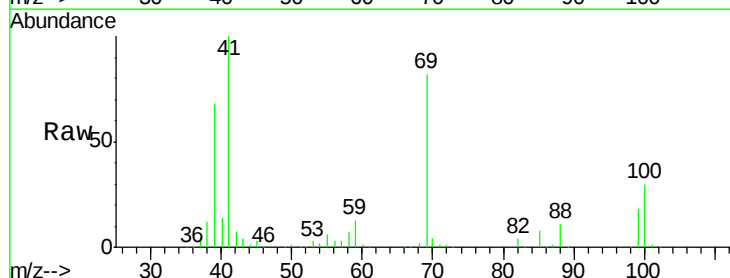
Tgt Ion: 41 Resp: 115827

Ion Ratio Lower Upper

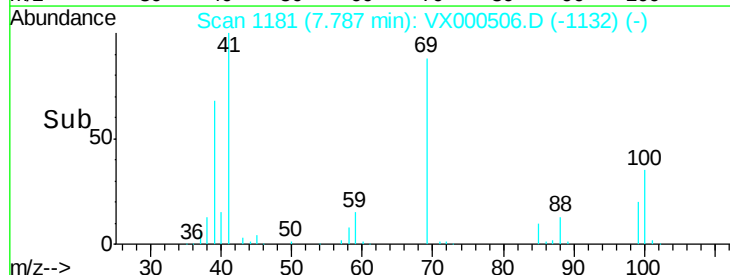
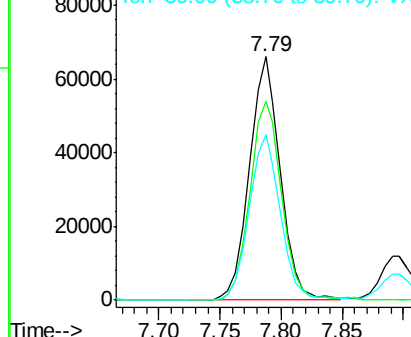
41 100

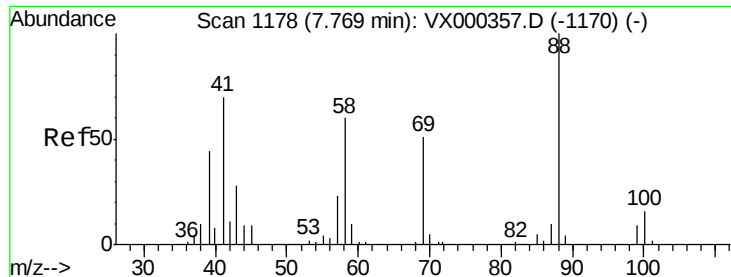
69 84.7 68.2 102.4

39 68.1 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

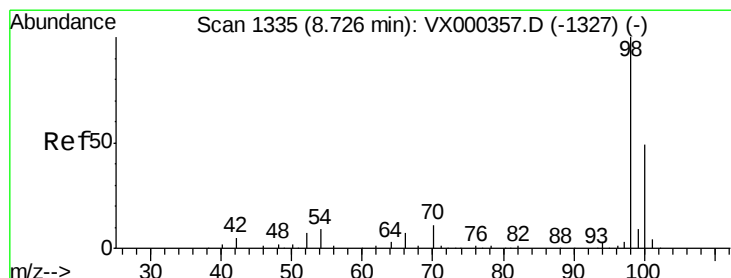
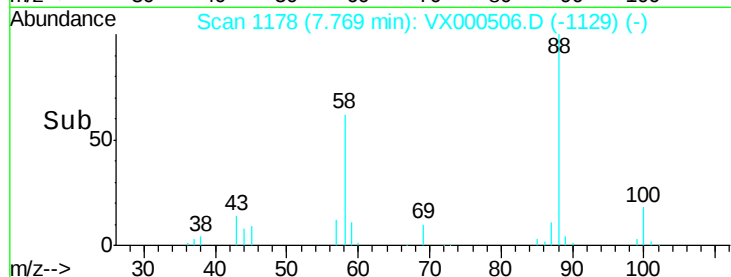
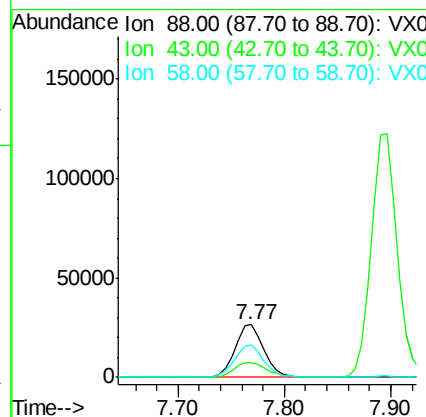
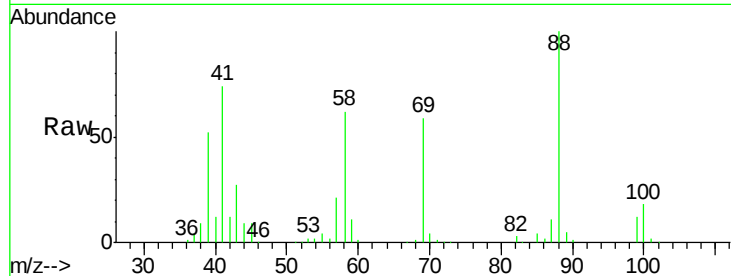




#49
1,4-Dioxane
Concen: 1114.39 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

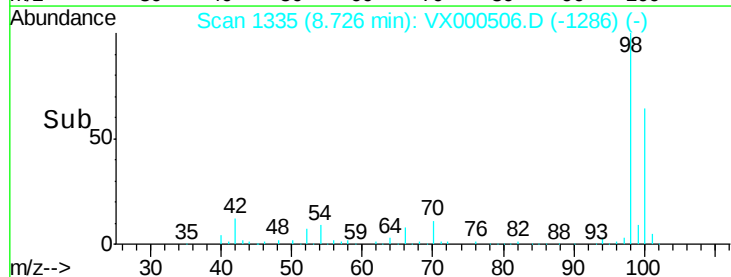
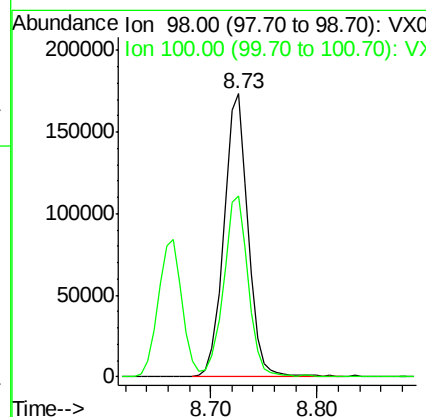
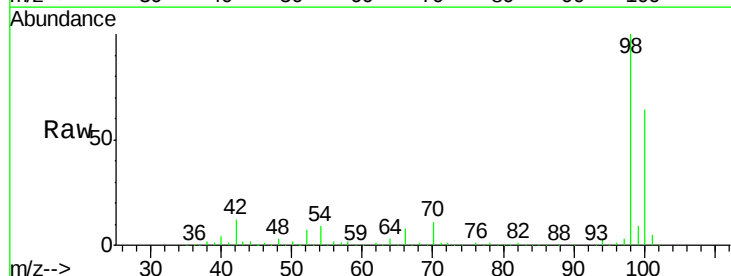
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 49962
Ion Ratio Lower Upper
88 100
43 32.1 26.8 40.2
58 63.4 52.2 78.2



#50
Toluene-d8
Concen: 45.42 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Tgt Ion: 98 Resp: 273428
Ion Ratio Lower Upper
98 100
100 65.3 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 263.40 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

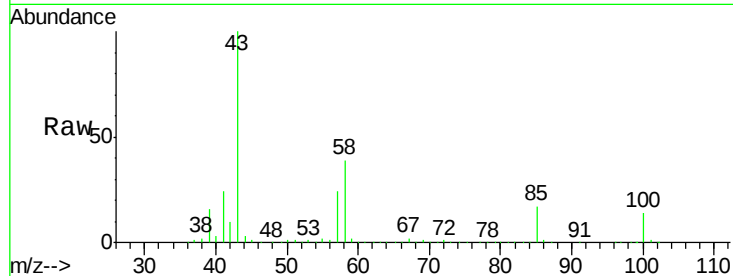
ClientSampleId :

Tot Ion: 43 Resp: 895718

Ion Ratio Lower Upper

43 100

58 37.7 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

600000

500000

400000

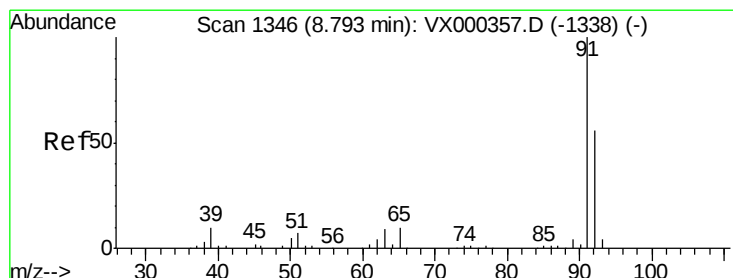
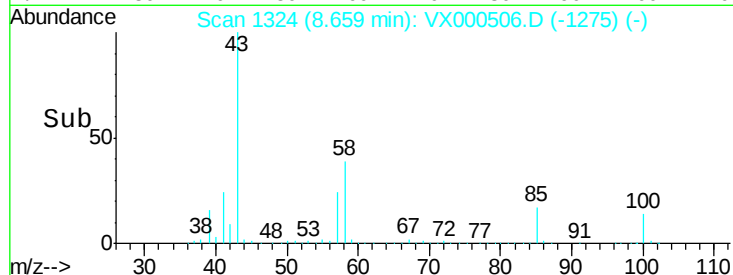
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.18 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000506.D

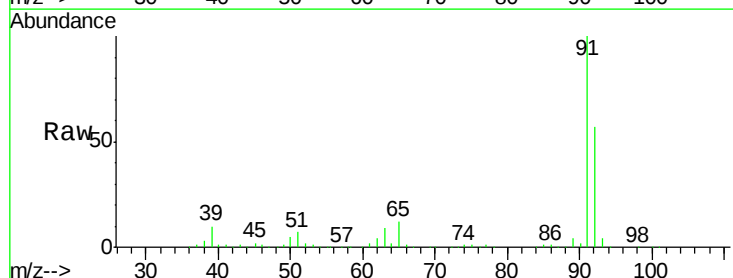
Acq: 29 Mar 2018 11:23

Tgt Ion: 92 Resp: 220128

Ion Ratio Lower Upper

92 100

91 178.4 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

300000

250000

200000

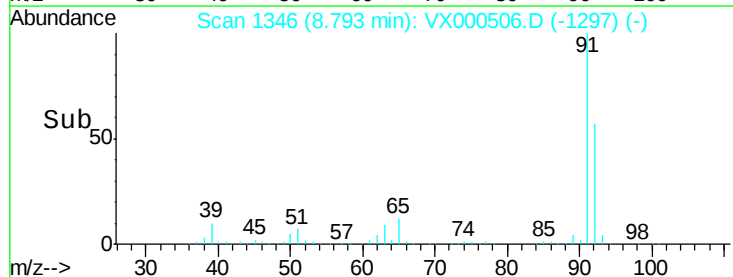
150000

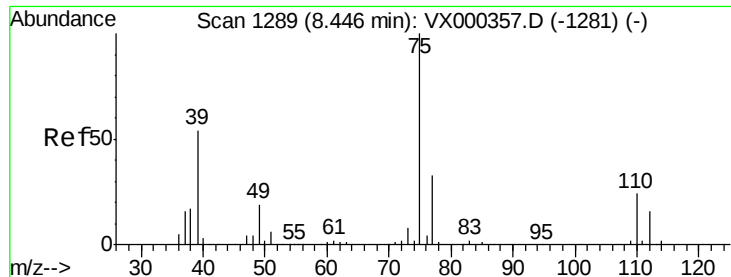
100000

50000

0

Time-->

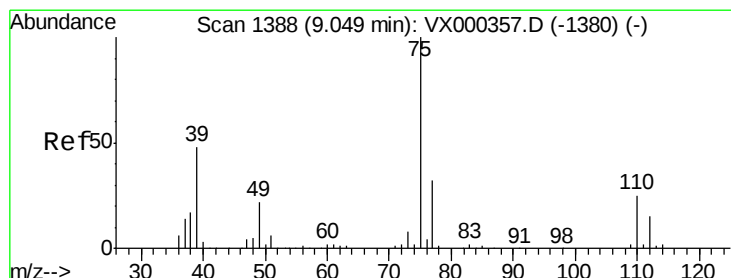
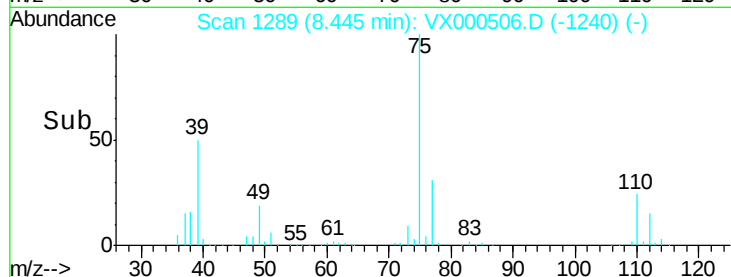
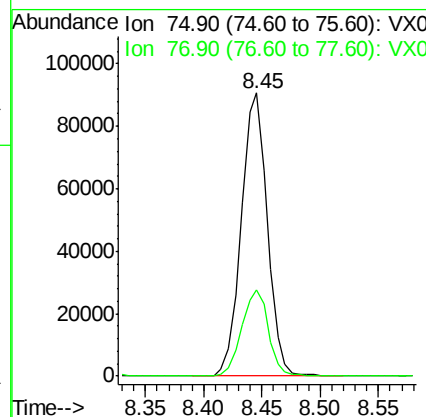
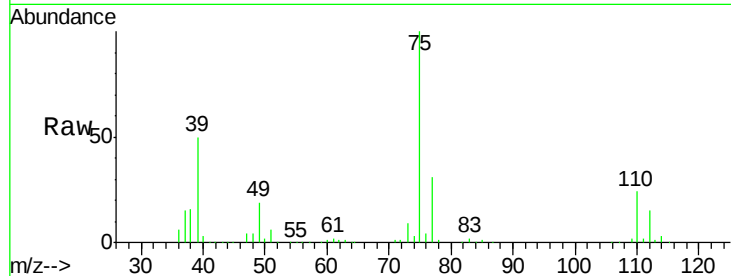




#53
t-1,3-Dichloropropene
Concen: 55.03 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

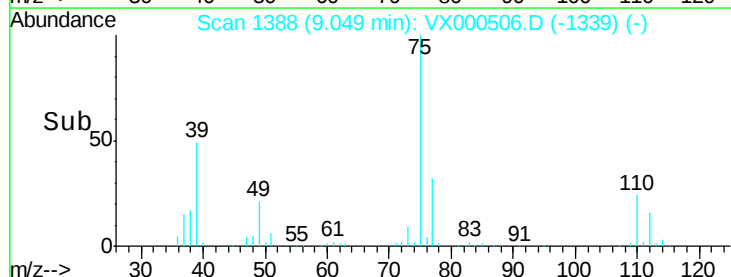
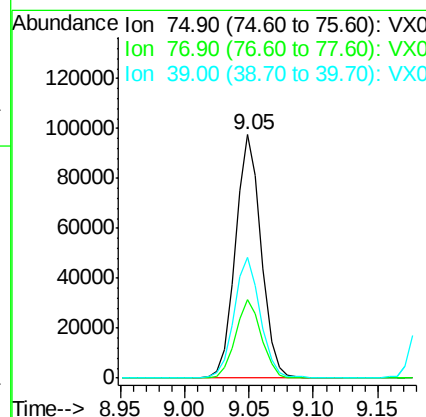
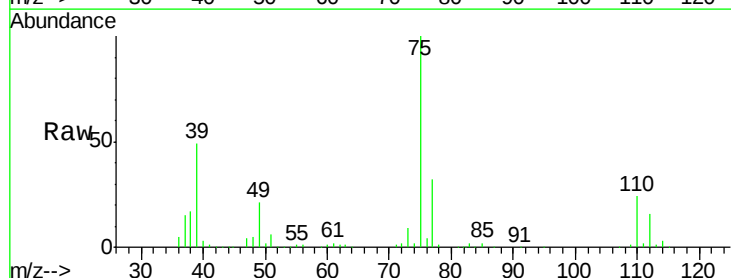
Instrument :
MSVOA_X
ClientSampled :

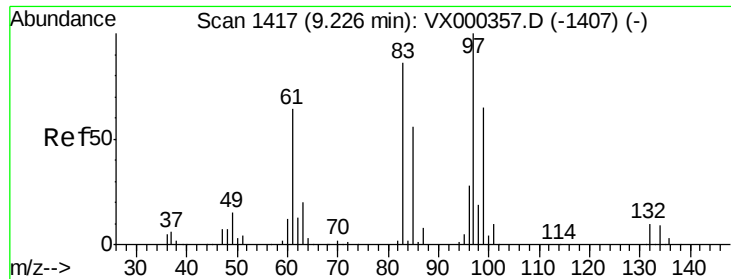
Tot Ion: 75 Resp: 141442
Ion Ratio Lower Upper
75 100
77 30.7 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 54.54 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Tgt Ion: 75 Resp: 135969
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
39 49.3 39.8 59.6

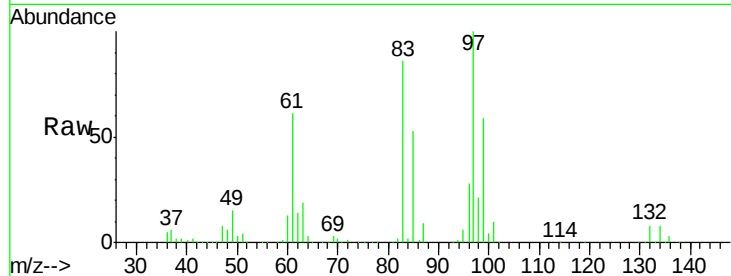




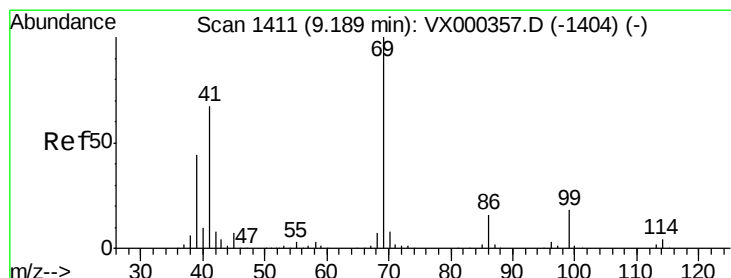
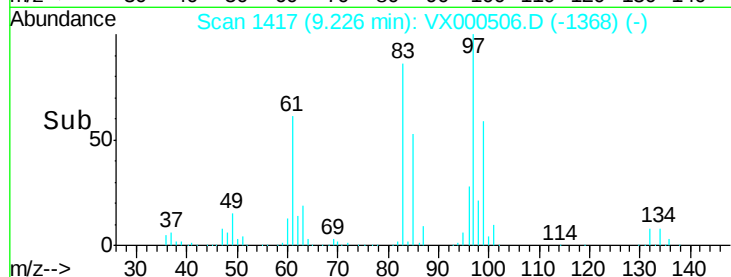
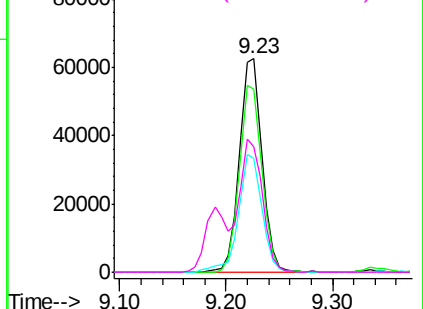
#55
 1,1,2-Trichloroethane
 Concen: 52.08 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000506.D
 Acq: 29 Mar 2018 11:23

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	93948
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.9	101.9
85	53.1	42.8	64.2
99	58.3	49.4	74.2

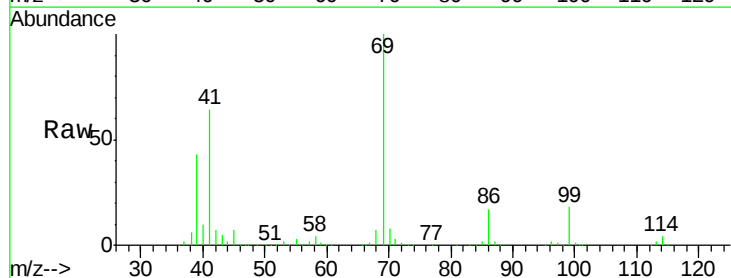


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

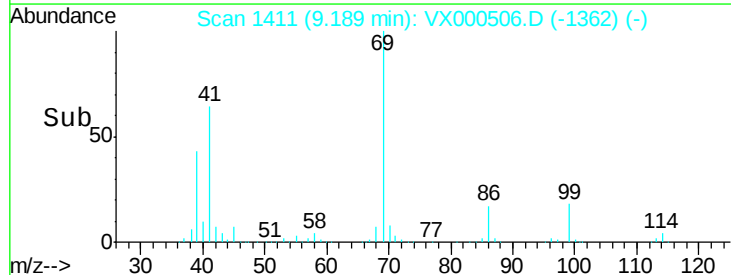
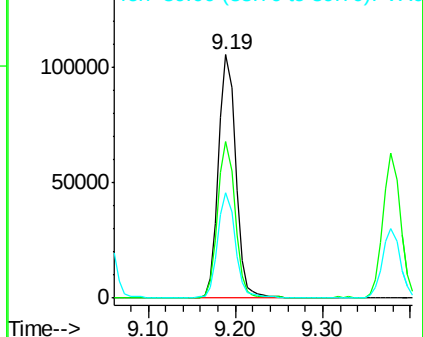


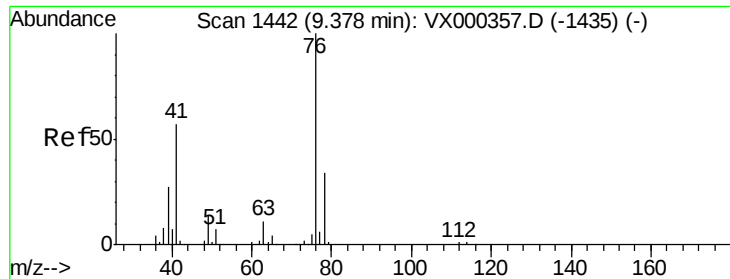
#56
 Ethyl methacrylate
 Concen: 53.06 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000506.D
 Acq: 29 Mar 2018 11:23

Tgt Ion:	69	Resp:	145049
Ion	Ratio	Lower	Upper
69	100		
41	65.0	53.0	79.6
39	43.3	35.3	52.9



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





#57

1,3-Dichloropropane

Concen: 52.70 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

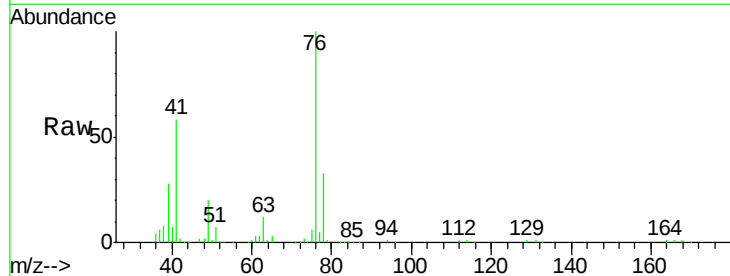
ClientSampled :

Tot Ion: 76 Resp: 152055

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

120000

100000

80000

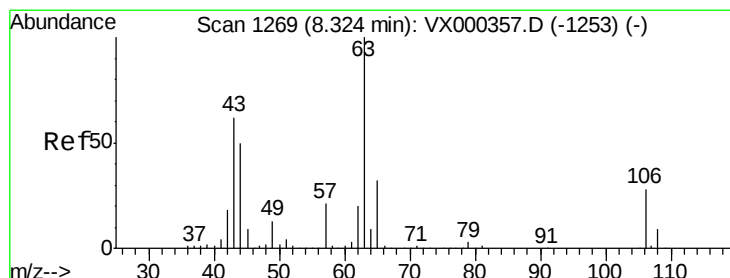
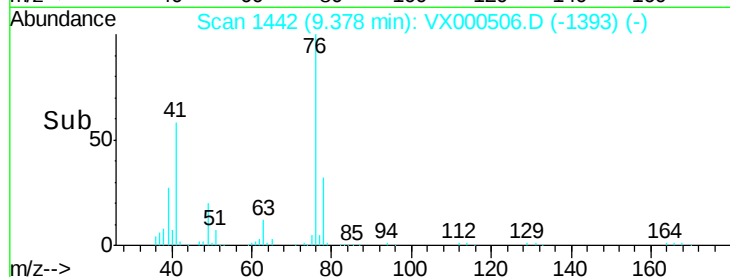
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 213.27 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000506.D

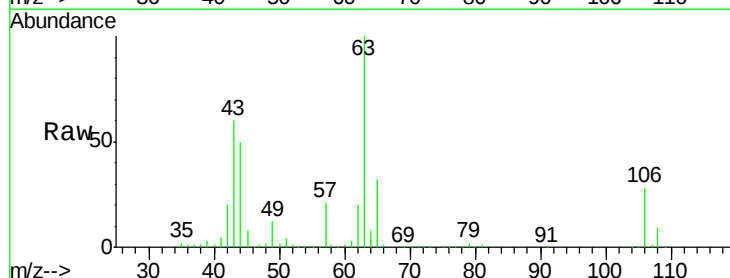
Acq: 29 Mar 2018 11:23

Tgt Ion: 63 Resp: 279795

Ion Ratio Lower Upper

63 100

106 28.6 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

200000

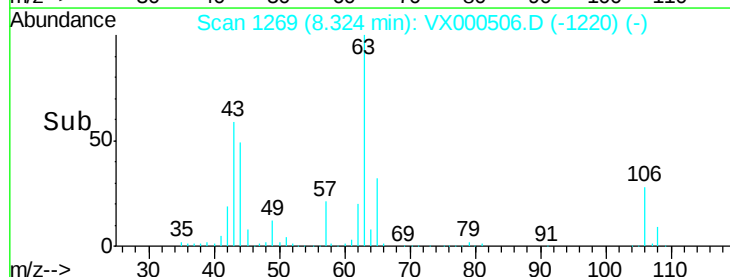
150000

100000

50000

0

Time-->

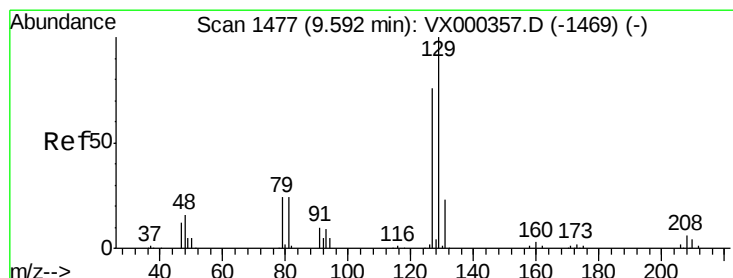
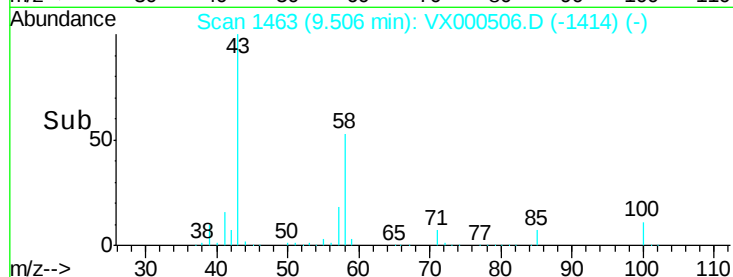
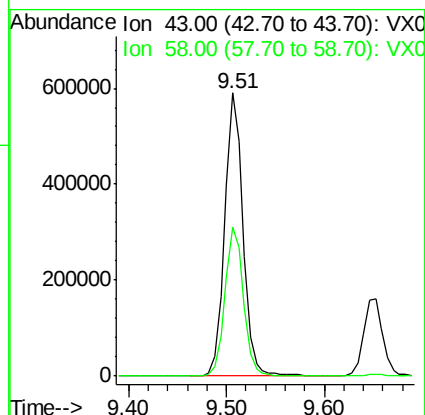
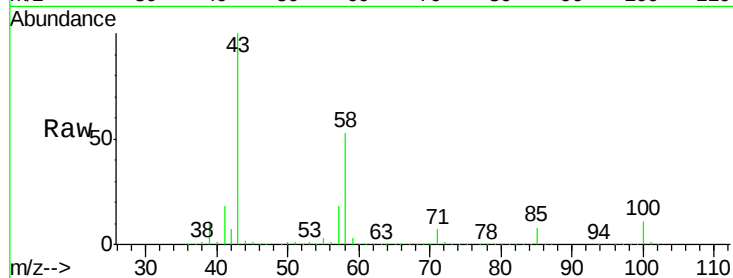




#59
2-Hexanone
Concen: 265.53 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

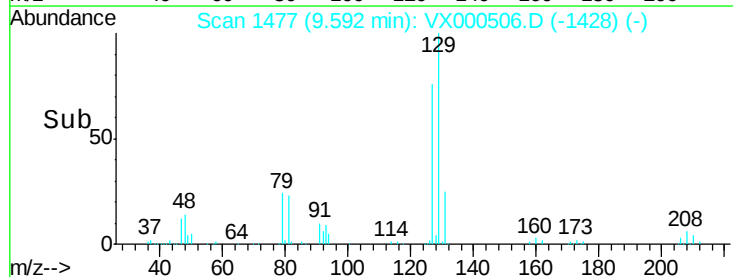
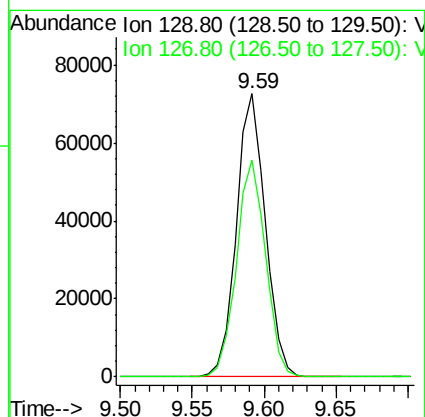
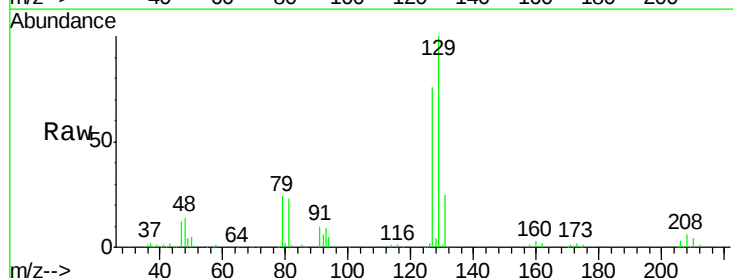
Instrument :
MSVOA_X
ClientSampleId :

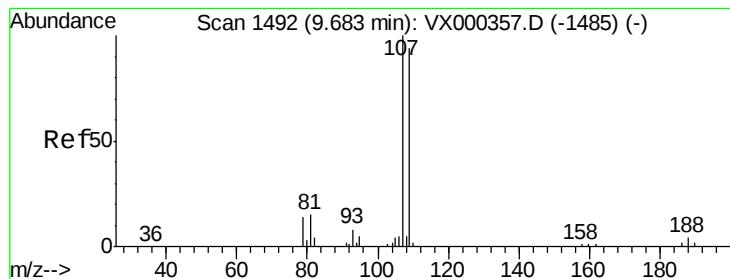
Tot Ion: 43 Resp: 766716
Ion Ratio Lower Upper
43 100
58 53.3 26.6 79.7



#60
Dibromochloromethane
Concen: 47.89 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Tgt Ion:129 Resp: 101827
Ion Ratio Lower Upper
129 100
127 77.0 37.9 113.6





#61

1,2-Dibromoethane

Concen: 53.18 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

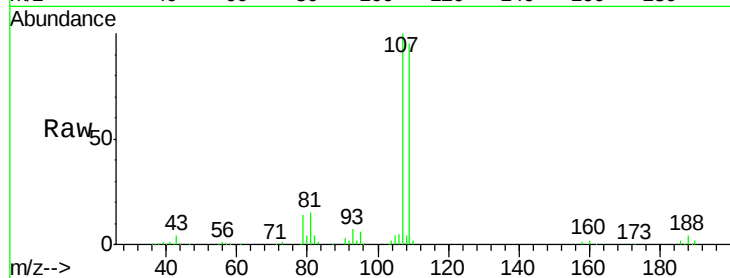
ClientSampleId :

Tot Ion:107 Resp: 102876

Ion Ratio Lower Upper

107 100

109 94.3 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

80000

60000

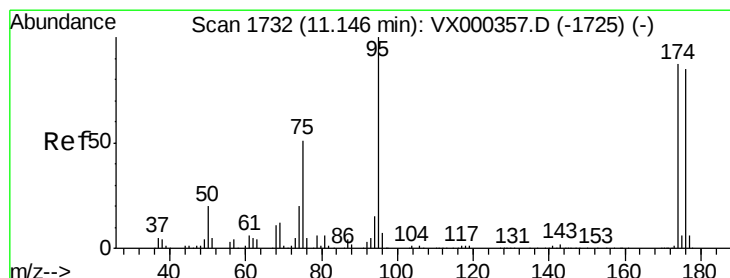
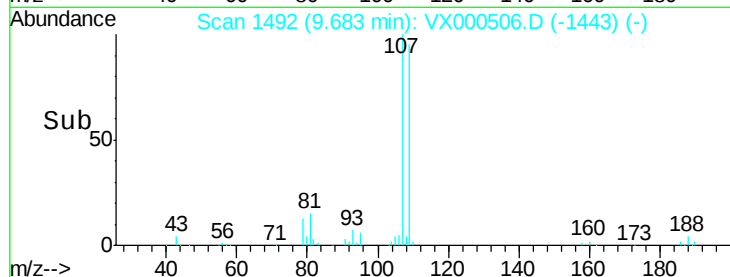
40000

20000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 46.25 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

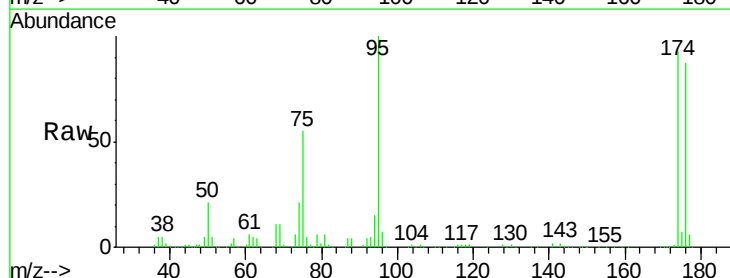
Tgt Ion: 95 Resp: 116310

Ion Ratio Lower Upper

95 100

174 90.0 0.0 173.6

176 85.0 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

120000

100000

80000

60000

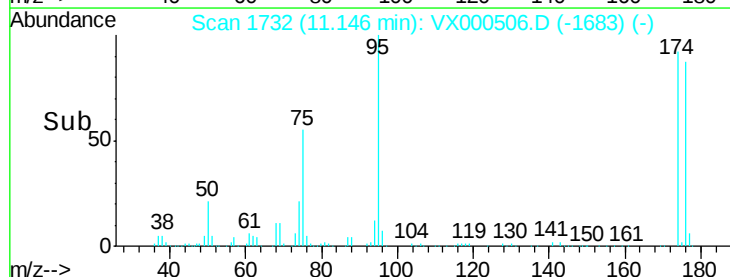
40000

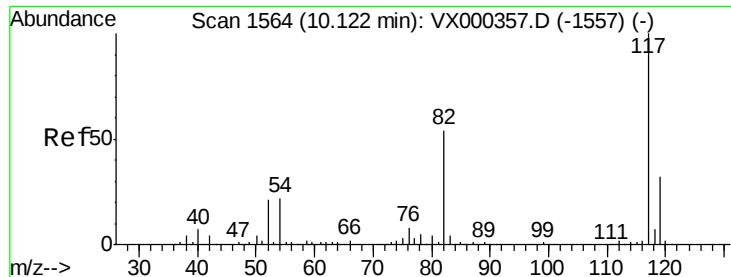
20000

0

Time-->

11.10 11.20

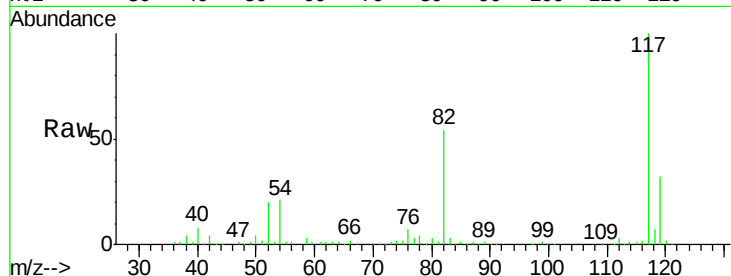




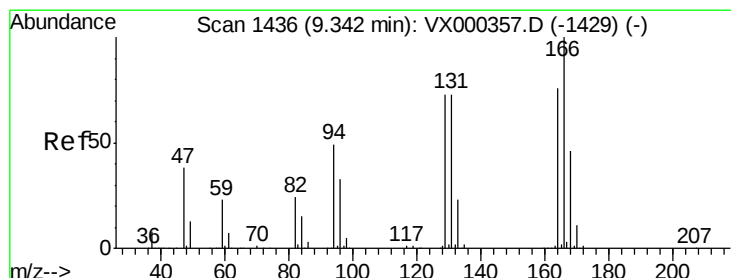
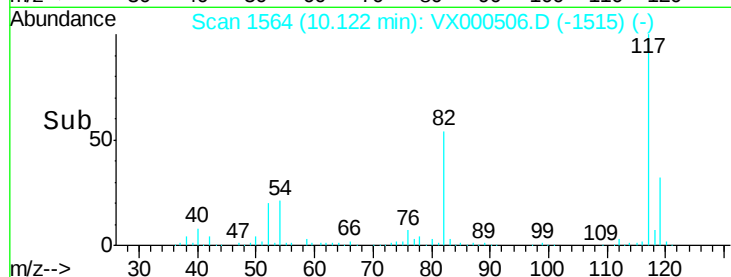
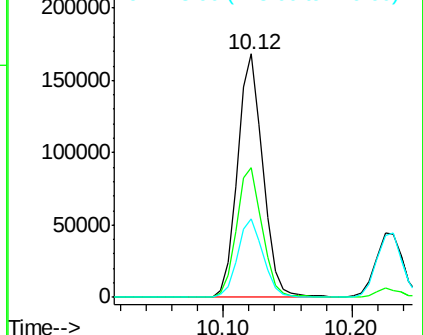
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 229580
Ion Ratio Lower Upper
117 100
82 53.5 43.8 65.8
119 32.3 24.9 37.3

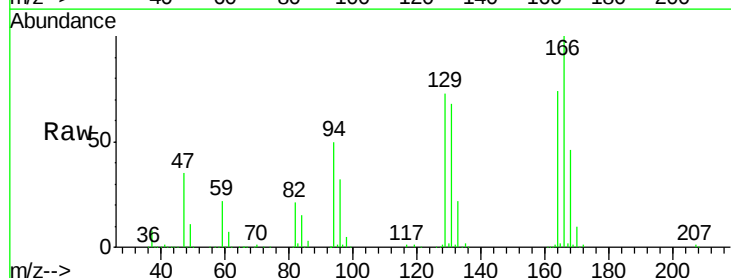


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

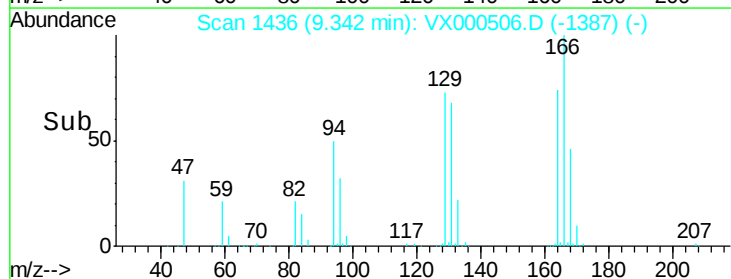
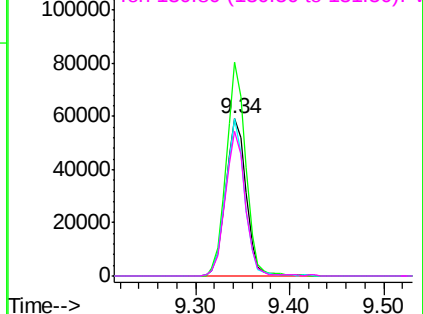


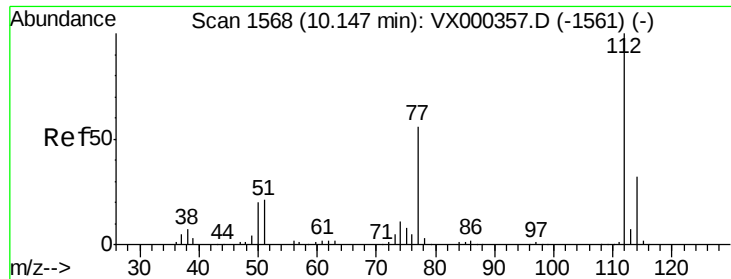
#64
Tetrachloroethene
Concen: 50.16 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Tgt Ion:164 Resp: 89355
Ion Ratio Lower Upper
164 100
166 135.9 101.0 151.6
129 99.8 79.0 118.4
131 91.8 71.9 107.9



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

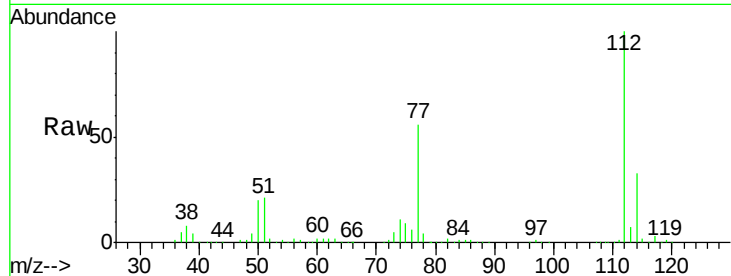




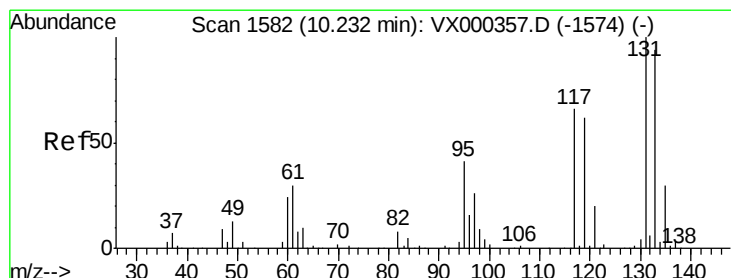
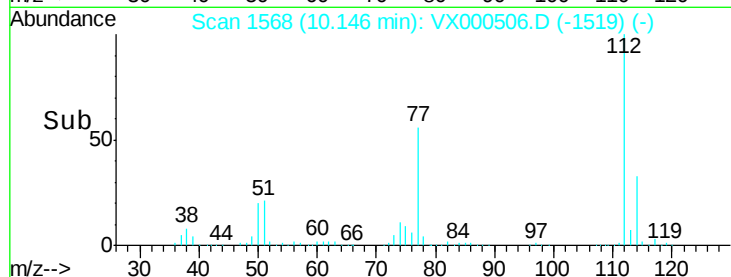
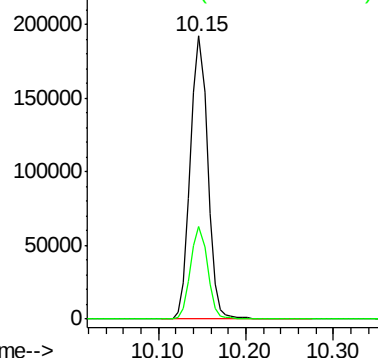
#65
Chlorobenzene
Concen: 52.09 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:112 Resp: 266127
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

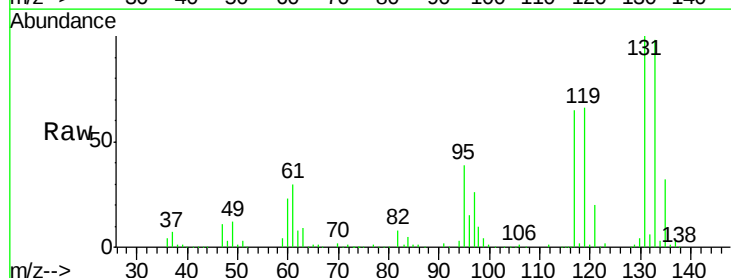


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

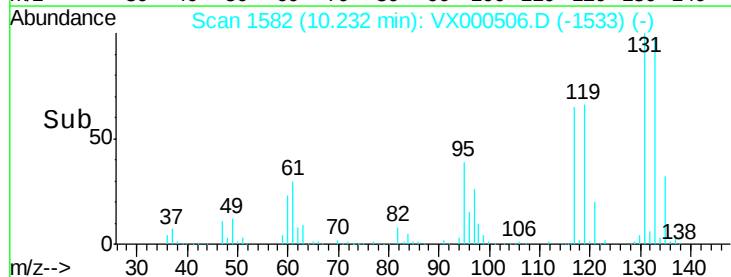
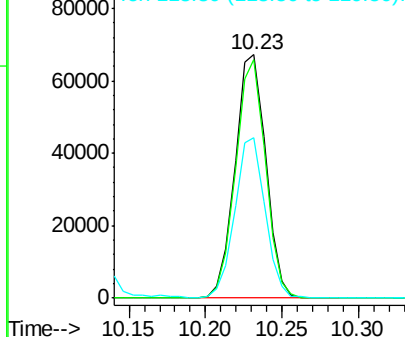


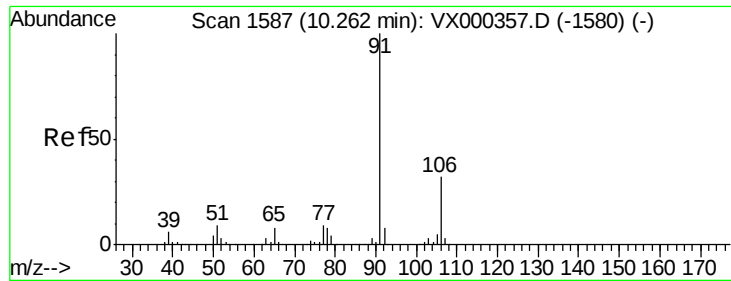
#66
1,1,1,2-Tetrachloroethane
Concen: 54.07 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Tgt Ion:131 Resp: 93827
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.3
119 65.0 33.1 99.2



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 52.69 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.01 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

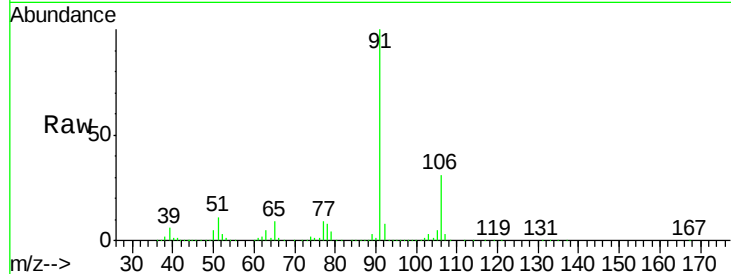
ClientSampled :

Tot Ion: 91 Resp: 456370

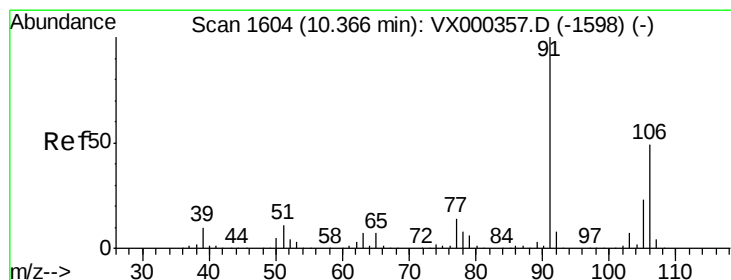
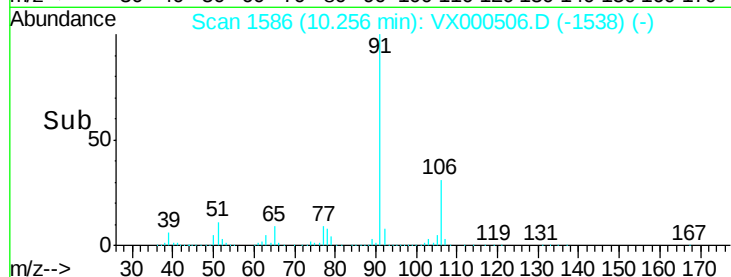
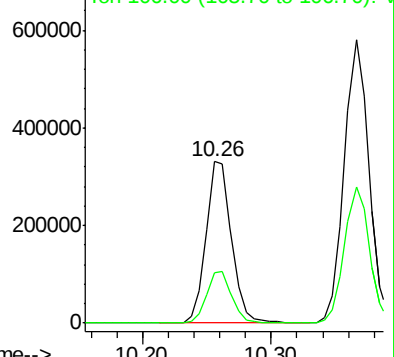
Ion Ratio Lower Upper

91 100

106 30.8 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1580) (-)



#68

m/p-Xylenes

Concen: 110.80 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000506.D

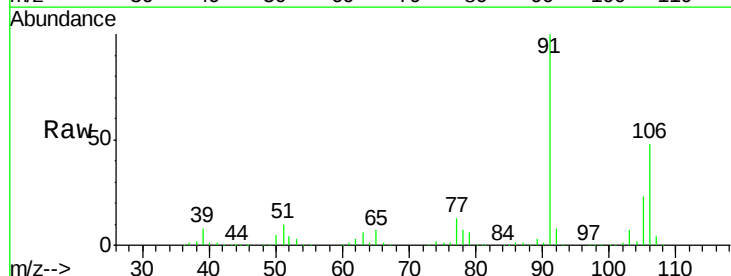
Acq: 29 Mar 2018 11:23

Tgt Ion: 106 Resp: 377608

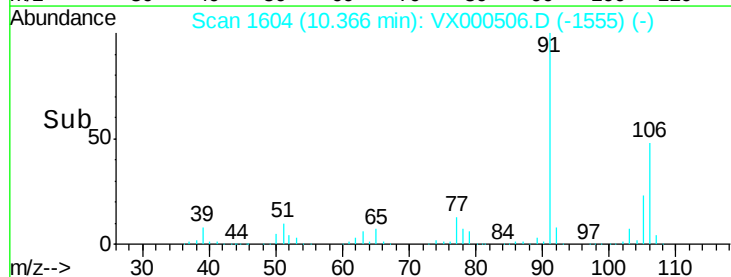
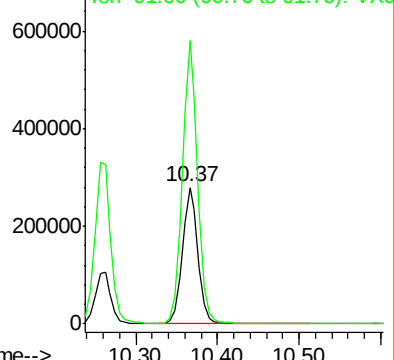
Ion Ratio Lower Upper

106 100

91 203.9 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): VX000357.D (-1598) (-)

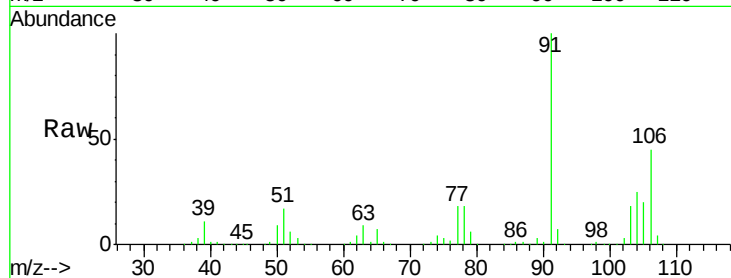




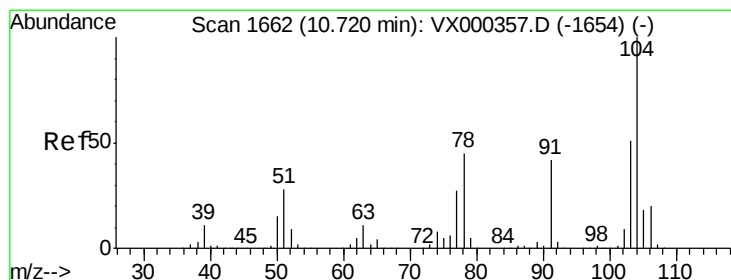
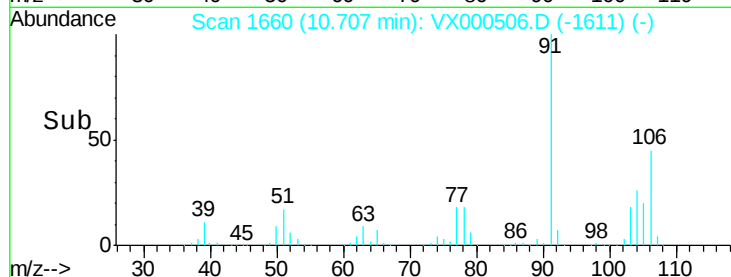
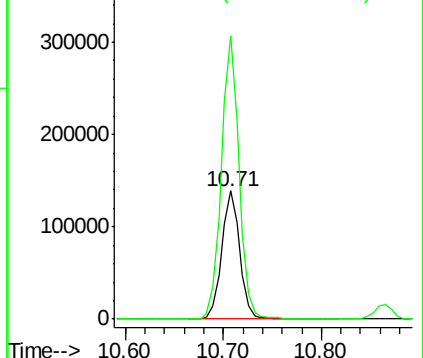
#69
o-Xylene
Concen: 53.57 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 176758
Ion Ratio Lower Upper
106 100
91 217.3 106.5 319.6

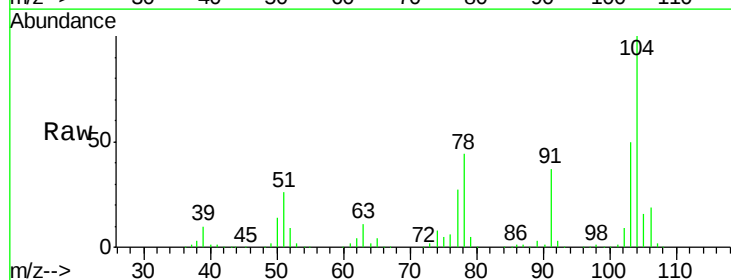


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

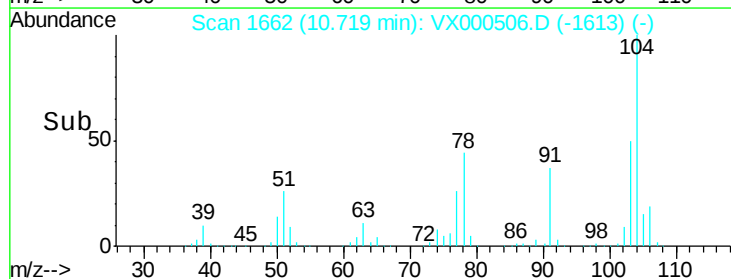
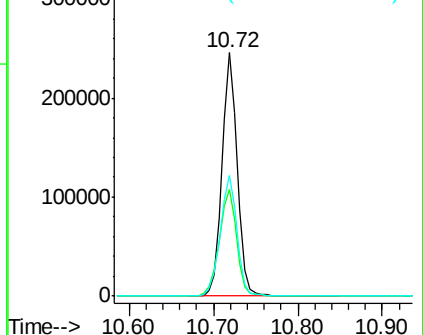


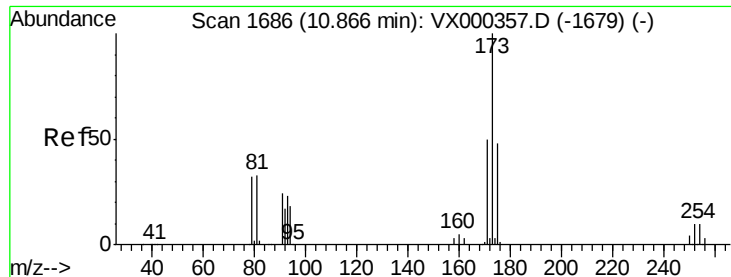
#70
Styrene
Concen: 56.88 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Tgt Ion:104 Resp: 310591
Ion Ratio Lower Upper
104 100
78 49.5 40.5 60.7
103 54.6 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: 47.86 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

ClientSampled :

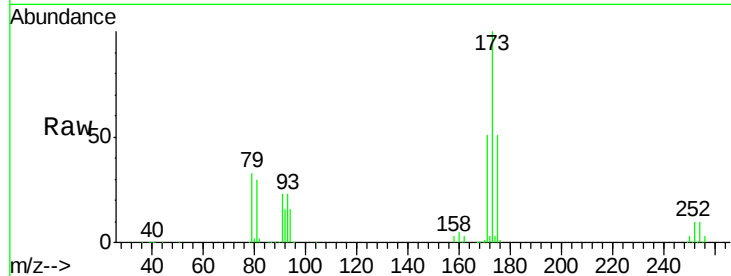
Tot Ion:173 Resp: 86122

Ion Ratio Lower Upper

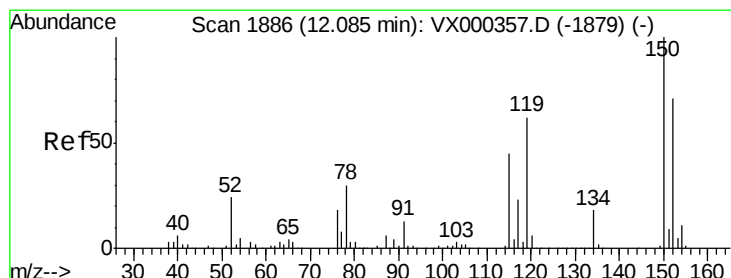
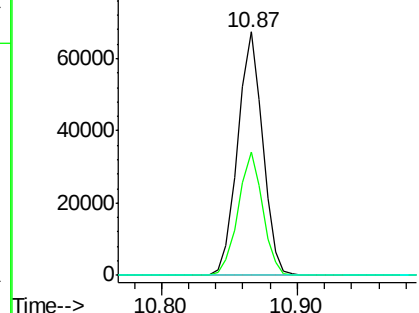
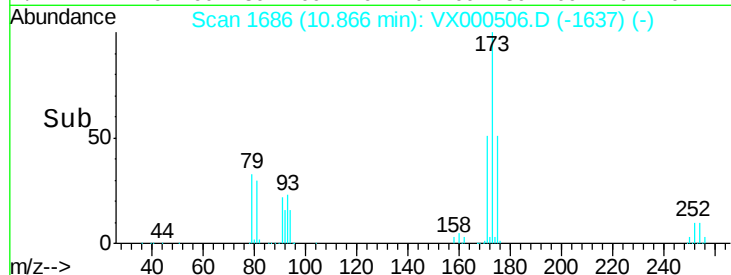
173 100

175 49.6 25.4 76.4

254 0.2 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: VX000506.D

Acq: 29 Mar 2018 11:23

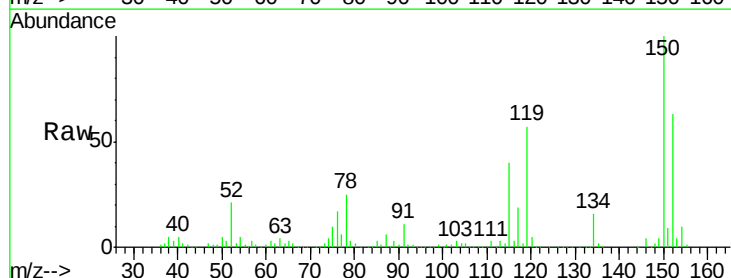
Tgt Ion:152 Resp: 161170

Ion Ratio Lower Upper

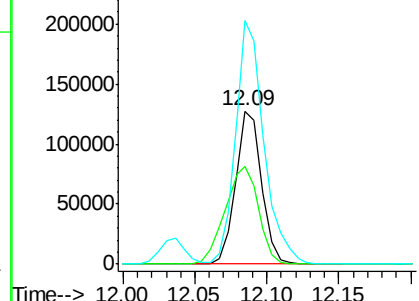
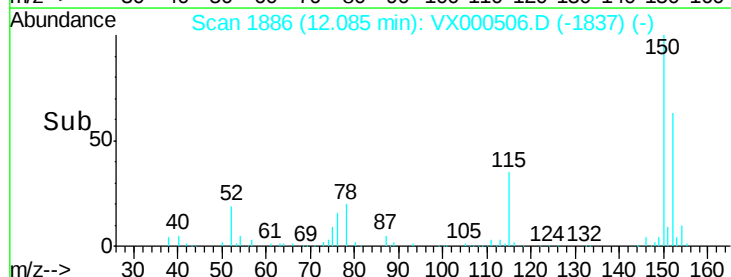
152 100

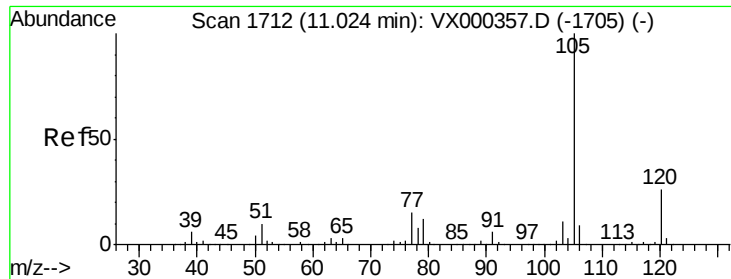
115 82.2 39.8 119.3

150 173.5 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: 46.93 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

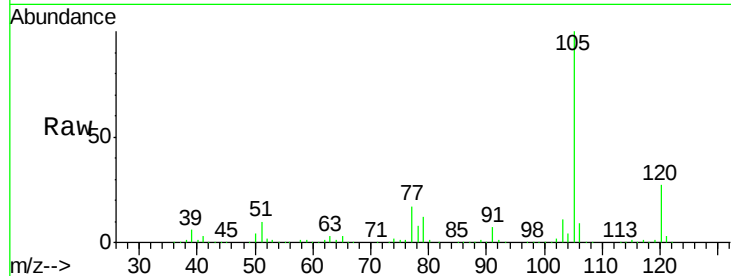
ClientSampleId :

Tot Ion:105 Resp: 501178

Ion Ratio Lower Upper

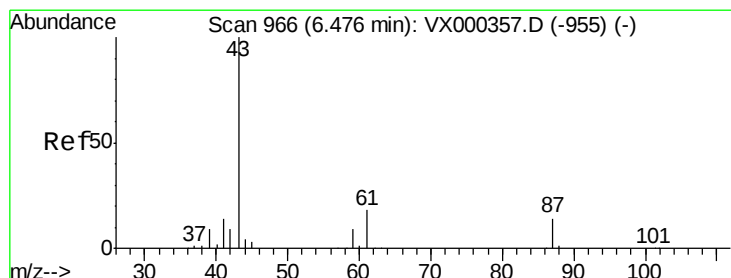
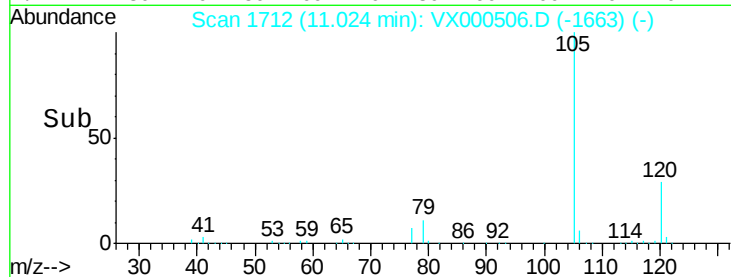
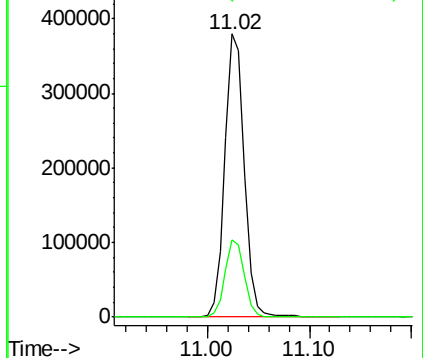
105 100

120 27.3 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: 50.29 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Tgt Ion: 43 Resp: 234006

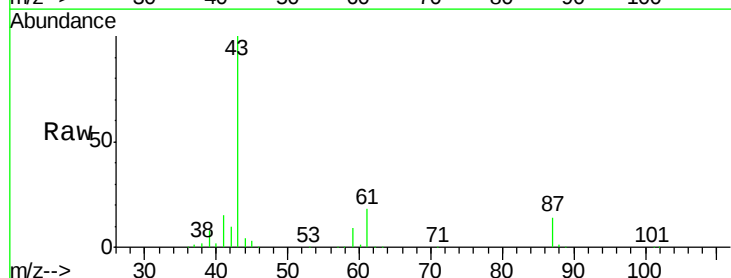
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.0 14.4 21.6

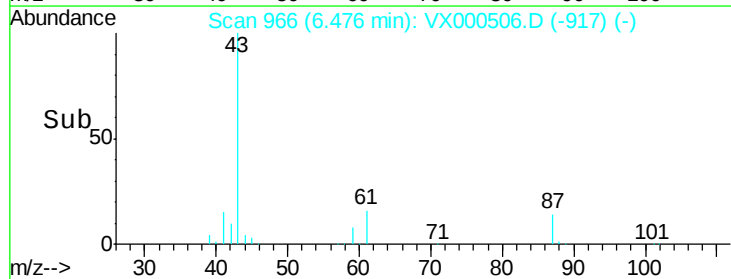
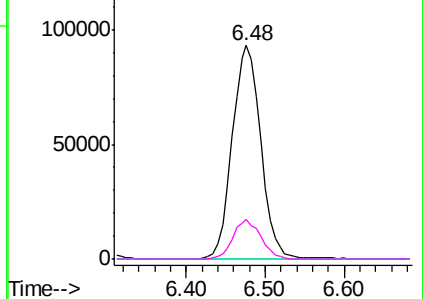


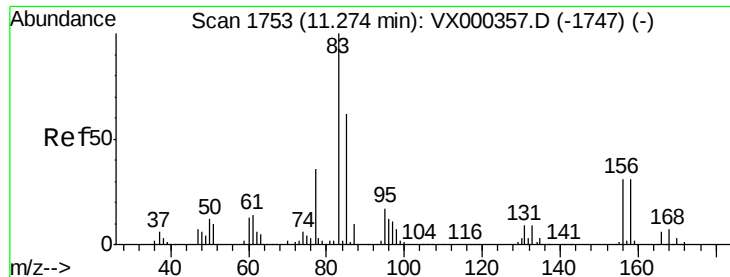
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.51 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

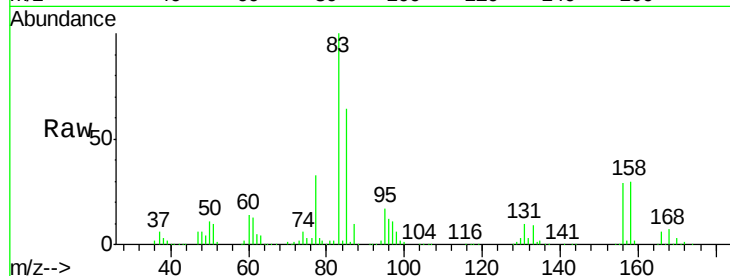
Tot Ion: 83 Resp: 183237

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

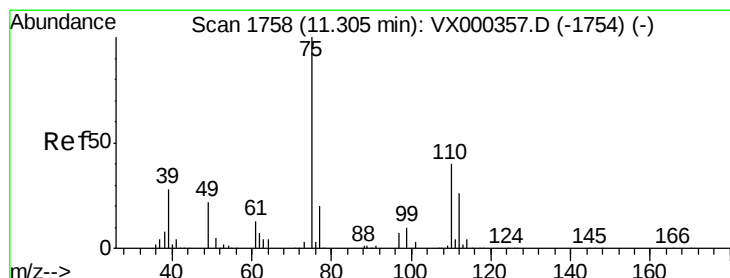
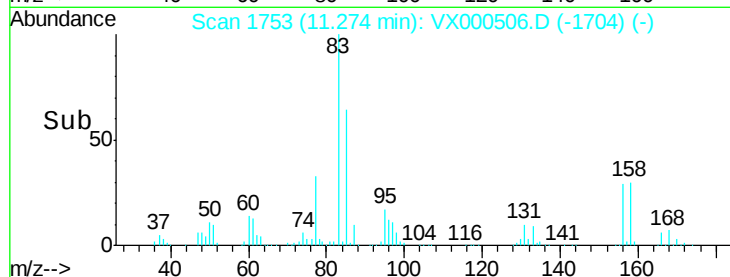
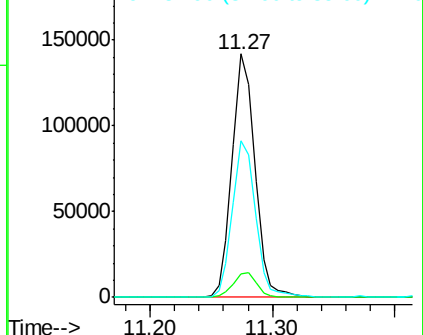
85 65.5 32.5 97.5



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: 61.30 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000506.D

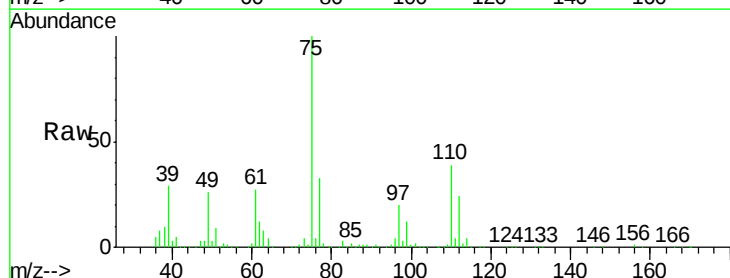
Acq: 29 Mar 2018 11:23

Tgt Ion: 75 Resp: 212323

Ion Ratio Lower Upper

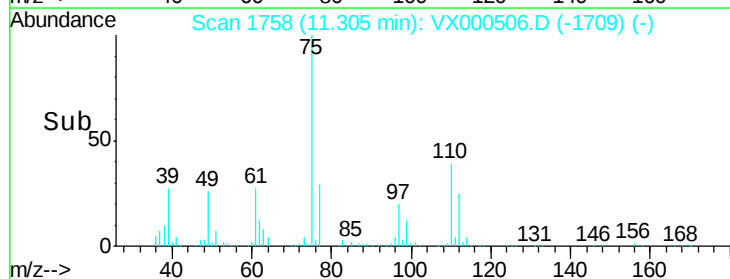
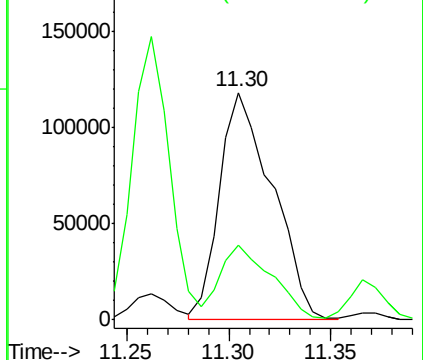
75 100

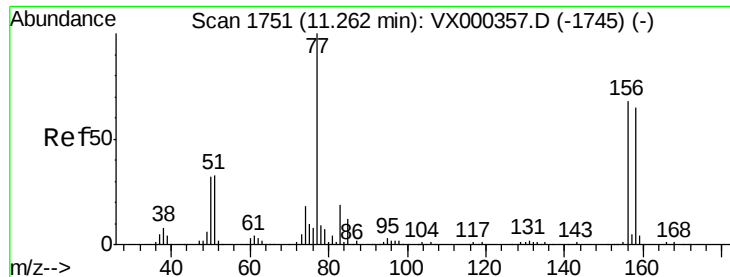
77 32.2 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.92 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

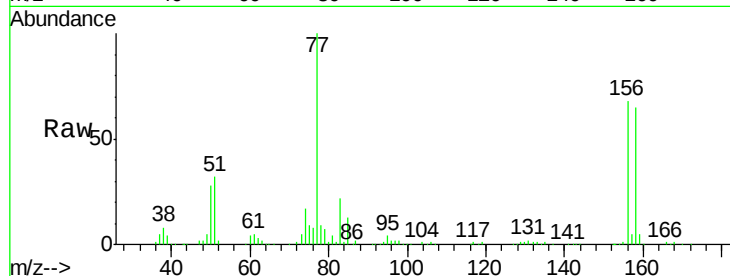
Tot Ion:156 Resp: 127774

Ion Ratio Lower Upper

156 100

77 147.8 73.4 220.2

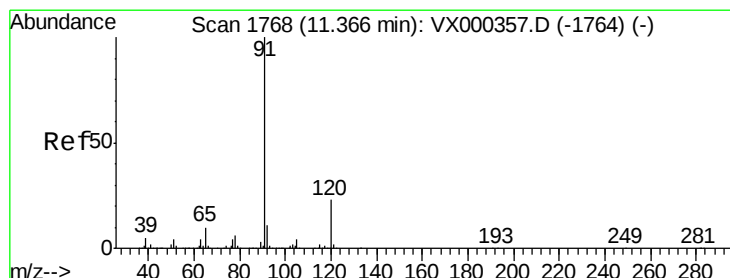
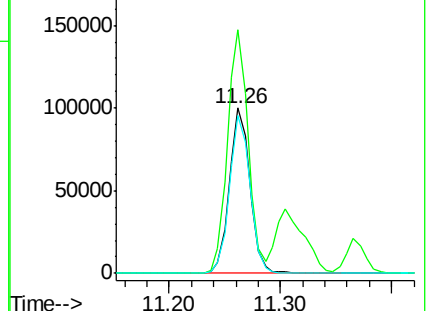
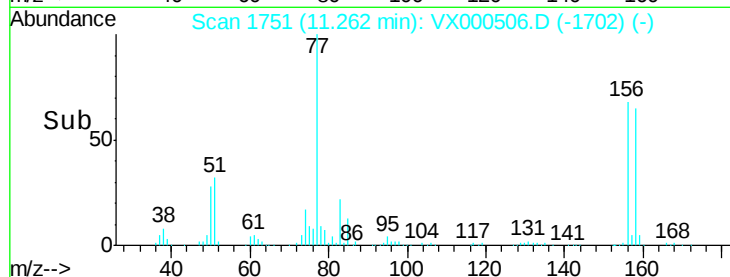
158 96.0 48.5 145.6



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: 48.49 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000506.D

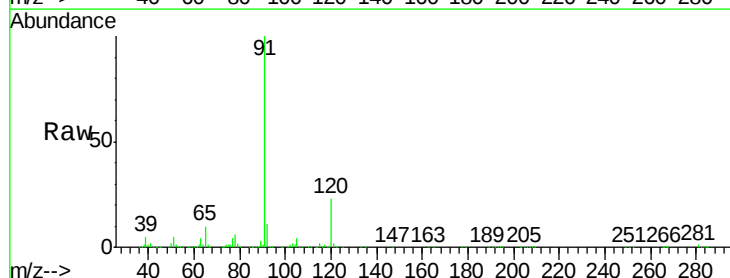
Acq: 29 Mar 2018 11:23

Tgt Ion: 91 Resp: 617376

Ion Ratio Lower Upper

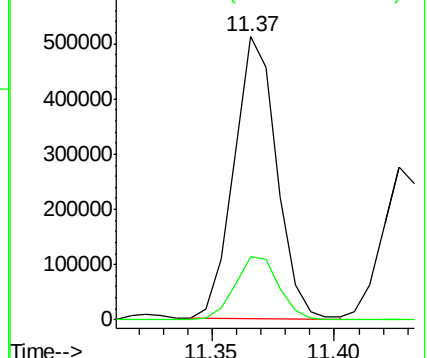
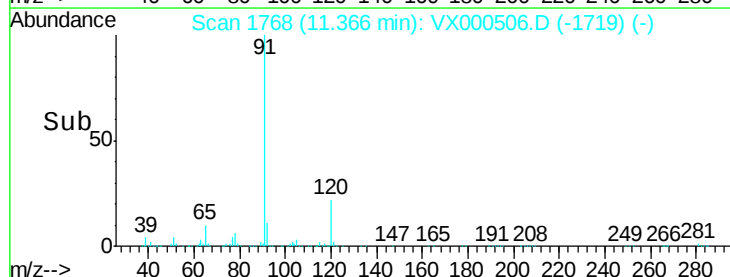
91 100

120 23.4 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: 47.42 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

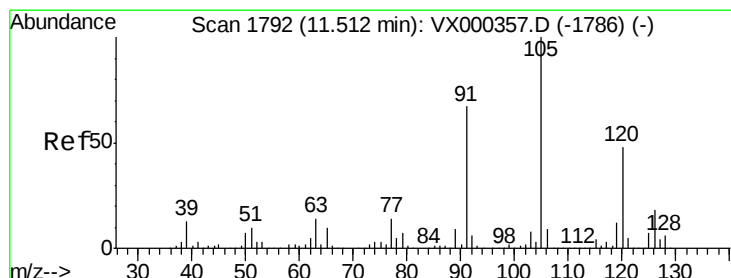
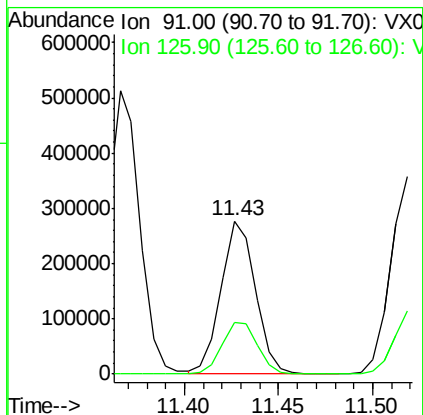
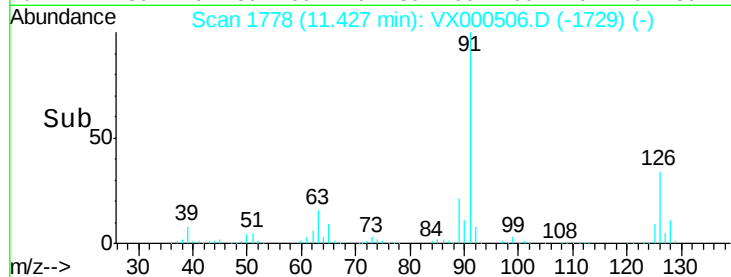
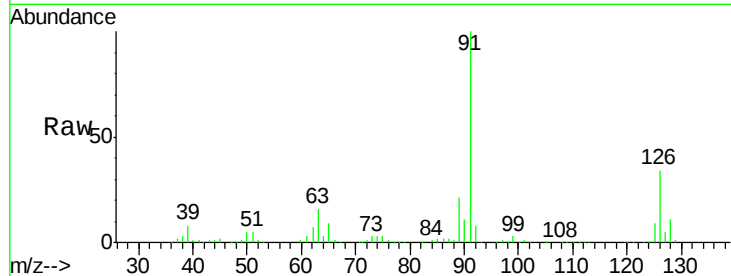
ClientSampled :

Tot Ion: 91 Resp: 348792

Ion Ratio Lower Upper

91 100

126 35.7 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 51.29 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000506.D

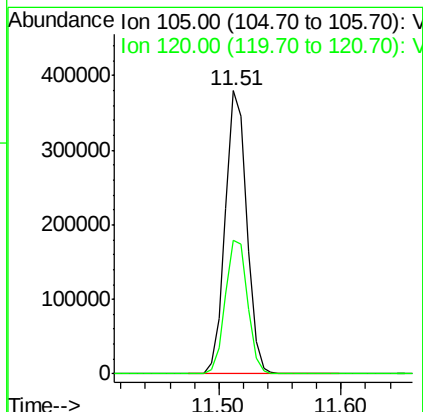
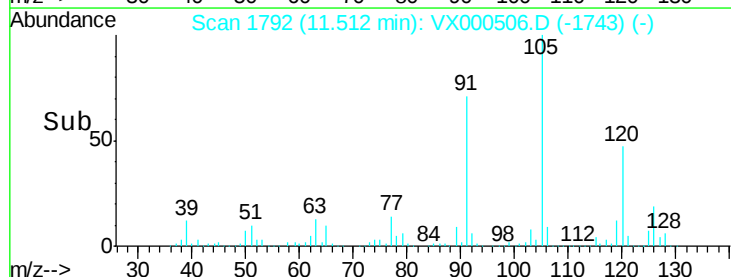
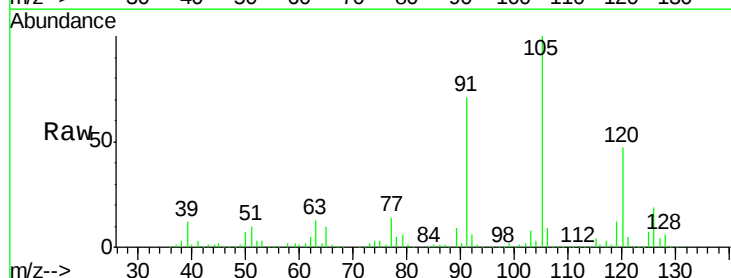
Acq: 29 Mar 2018 11:23

Tgt Ion: 105 Resp: 460529

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.4

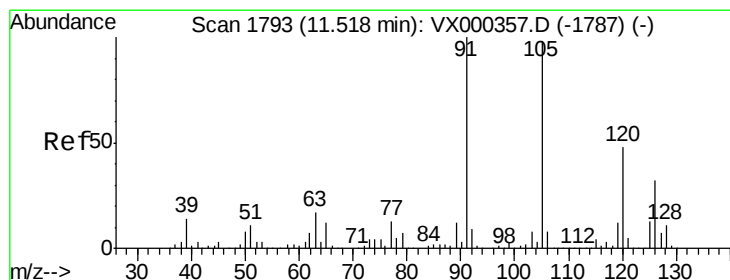
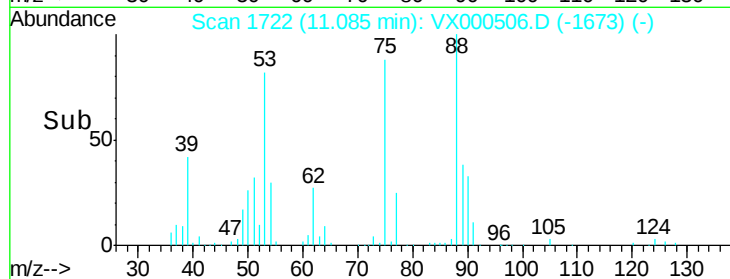
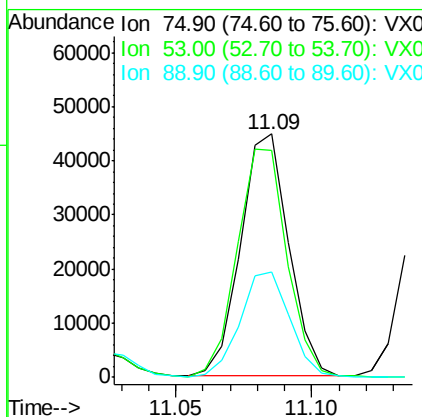
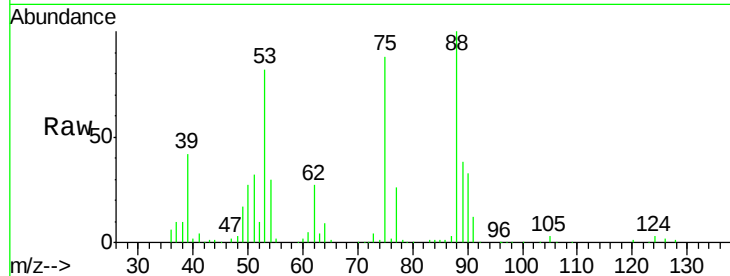




#81
trans-1,4-Dichloro-2-butene
Concen: 51.40 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

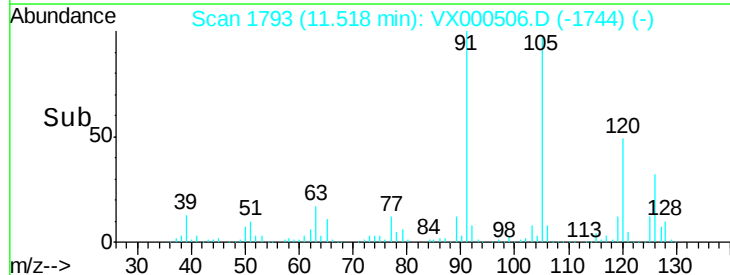
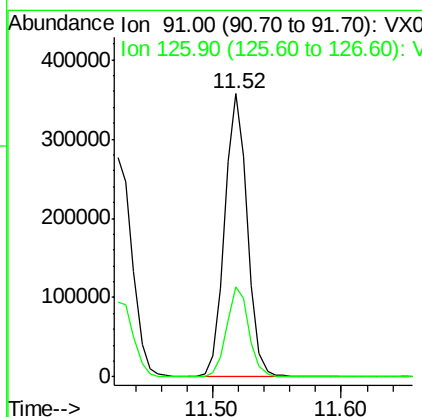
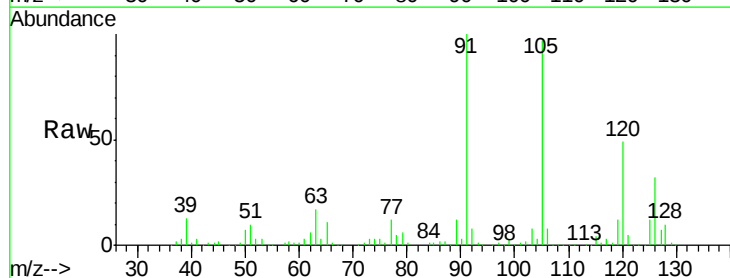
Instrument :
MSVOA_X
ClientSampled :

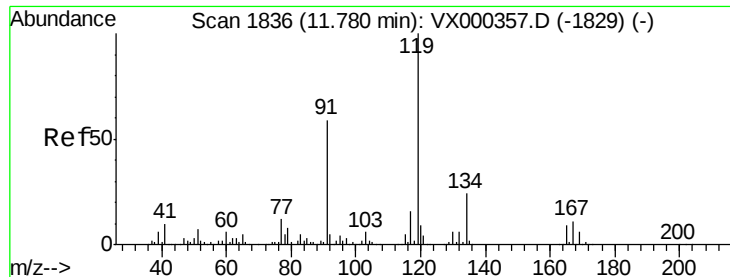
Tot Ion: 75 Resp: 54992
Ion Ratio Lower Upper
75 100
53 98.2 80.7 121.1
89 45.1 39.4 59.0



#82
4-Chlorotoluene
Concen: 50.34 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Tgt Ion: 91 Resp: 442136
Ion Ratio Lower Upper
91 100
126 31.0 15.4 46.1

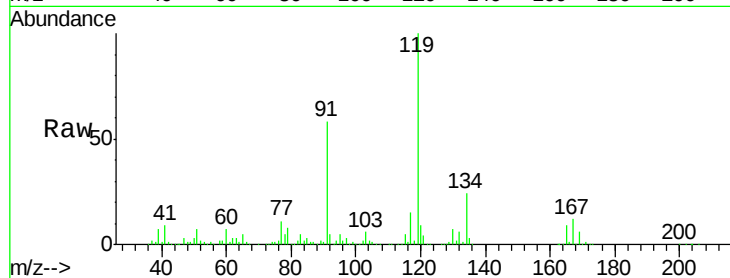




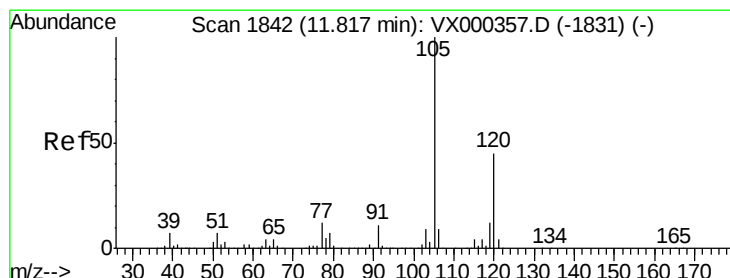
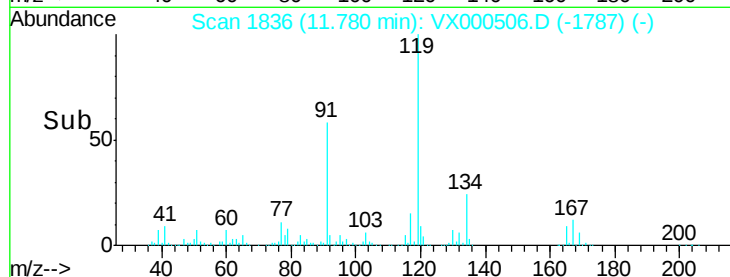
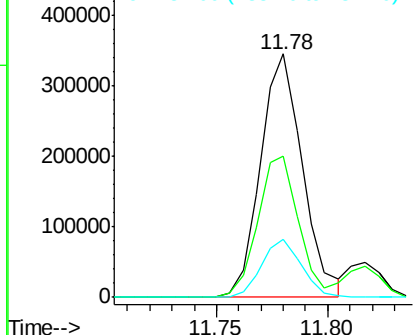
#83
tert-Butylbenzene
Concen: 50.01 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.2	28.8	86.4
134	22.6	11.4	34.1

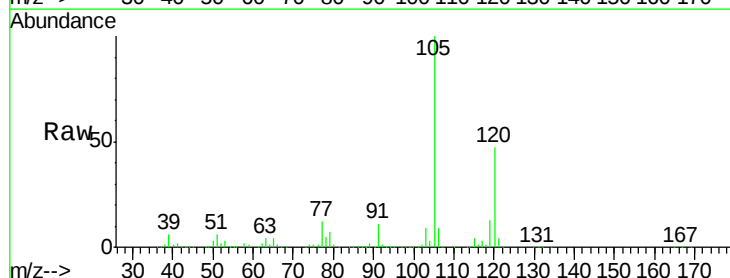


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

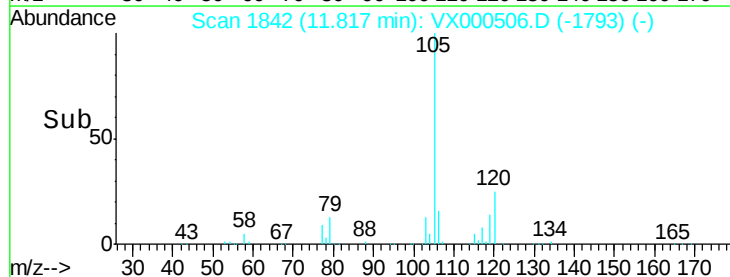
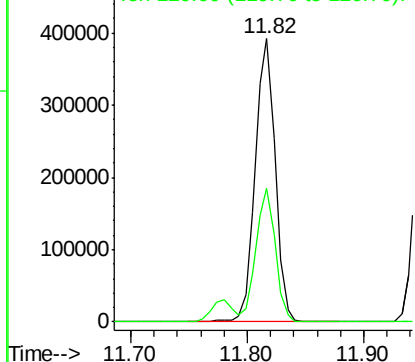


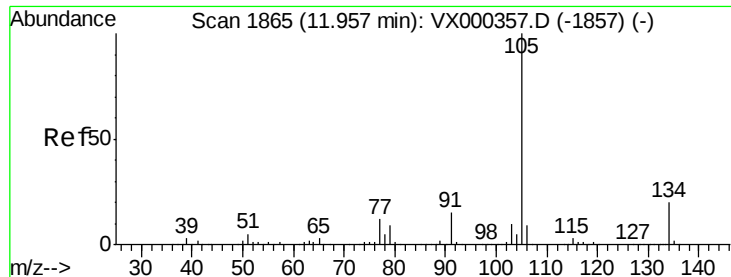
#84
1,2,4-Trimethylbenzene
Concen: 50.17 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	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: 51.07 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

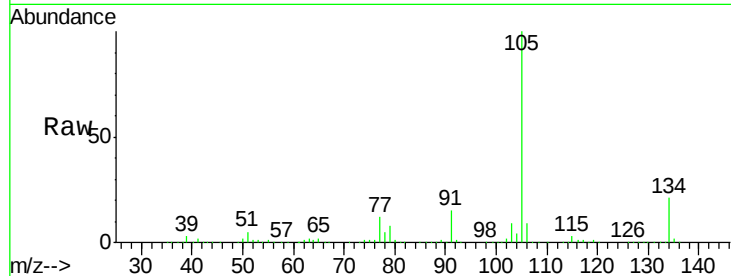
ClientSampled :

Tot Ion:105 Resp: 572258

Ion Ratio Lower Upper

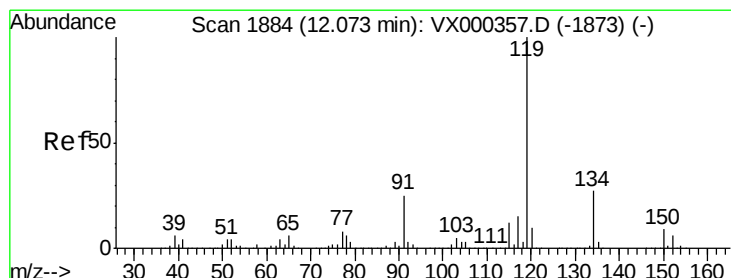
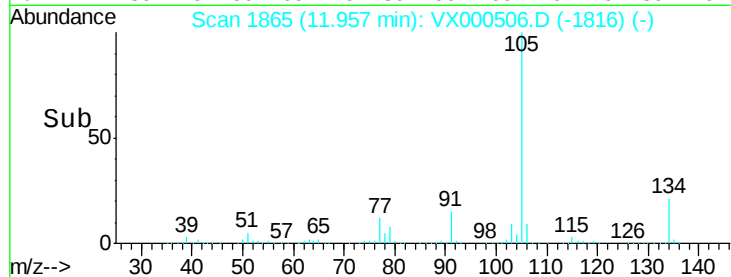
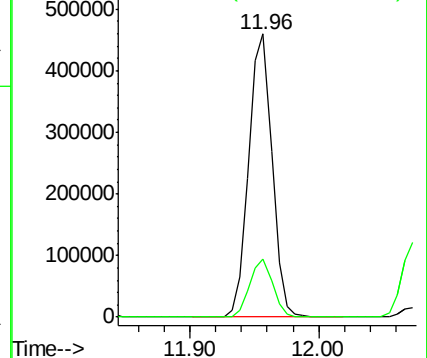
105 100

134 20.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.96 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

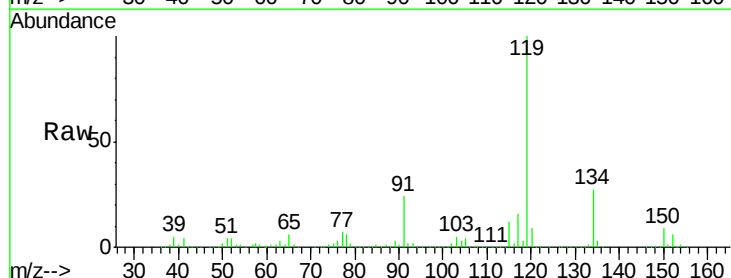
Tgt Ion:119 Resp: 527057

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

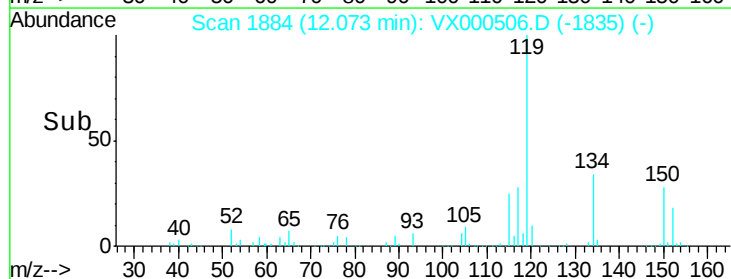
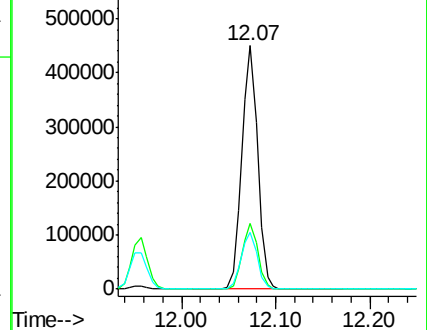
91 23.6 12.0 36.1

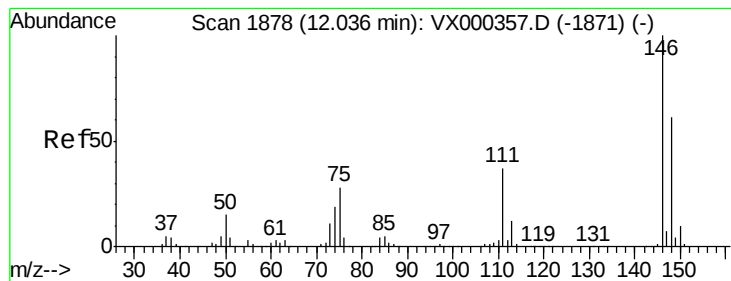


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 49.12 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

ClientSampled :

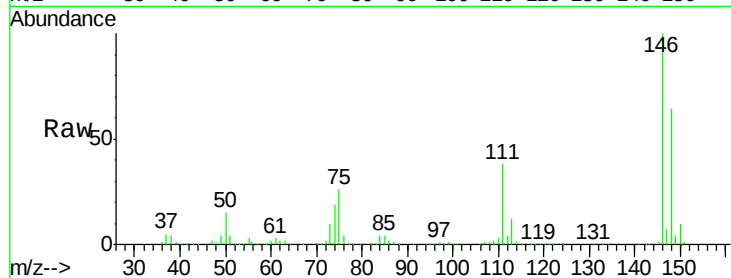
Tot Ion:146 Resp: 264206

Ion Ratio Lower Upper

146 100

111 38.9 19.5 58.5

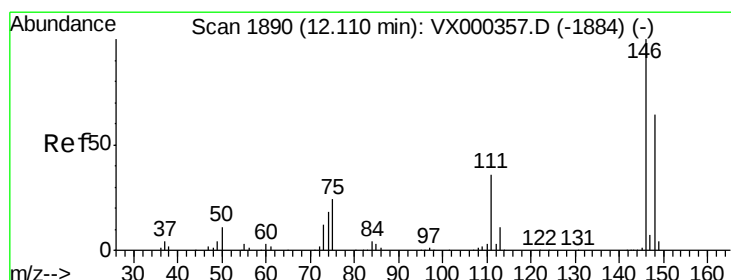
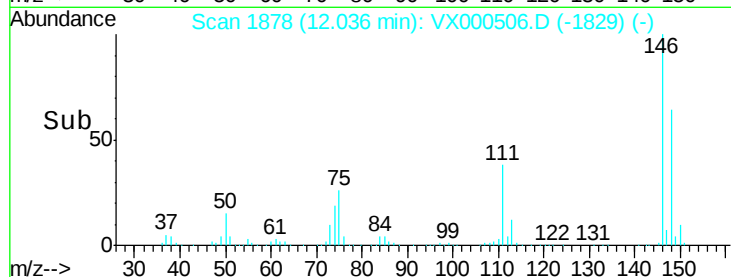
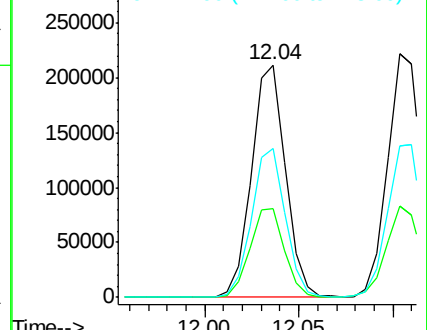
148 63.6 32.4 97.0



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: 50.08 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

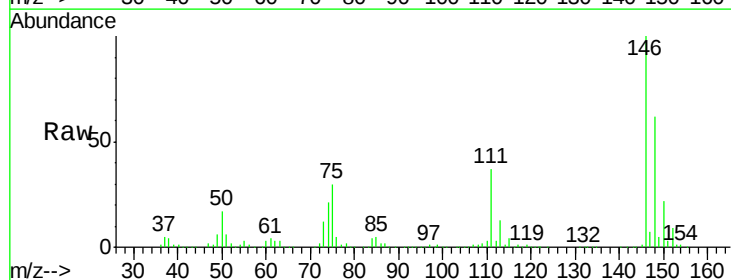
Tgt Ion:146 Resp: 282783

Ion Ratio Lower Upper

146 100

111 37.6 18.9 56.9

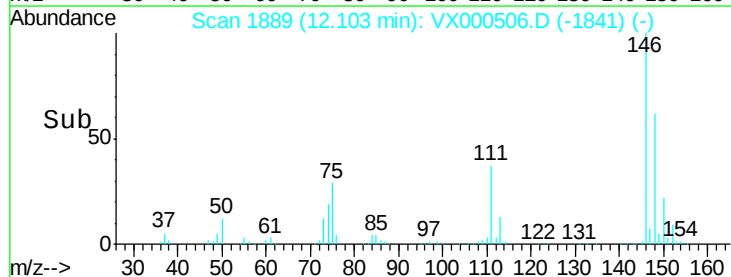
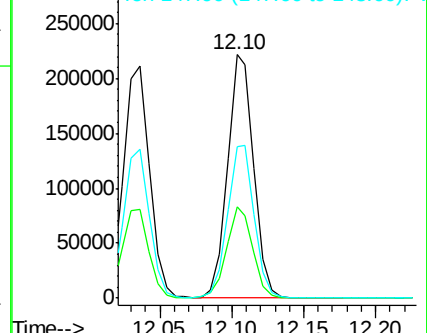
148 64.2 31.0 93.0

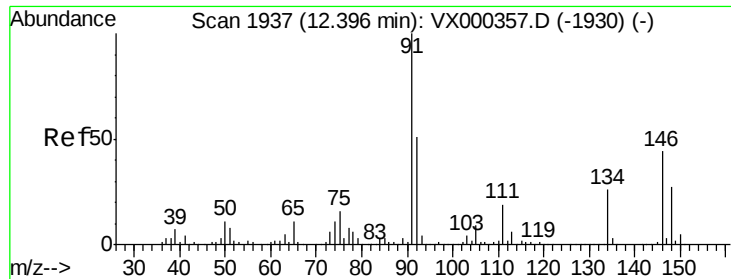


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

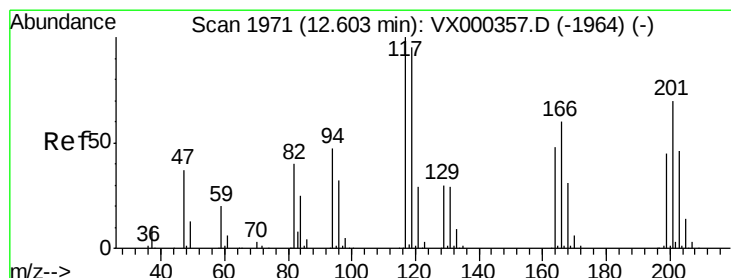
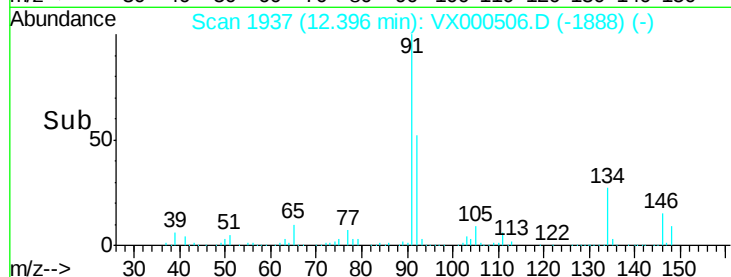
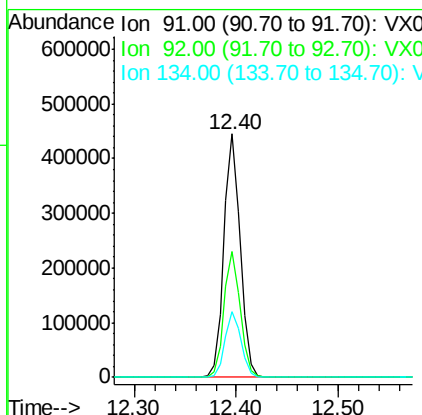
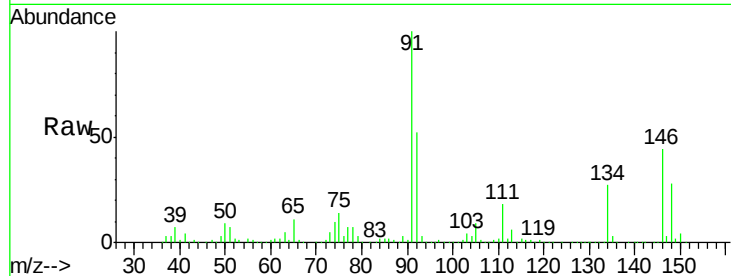




#89
n-Butylbenzene
Concen: 53.37 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

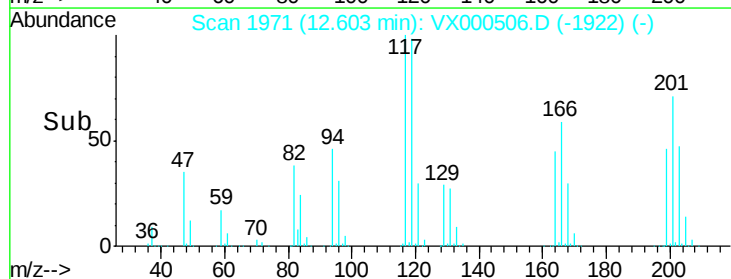
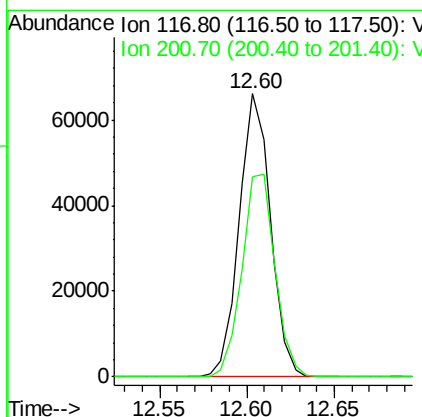
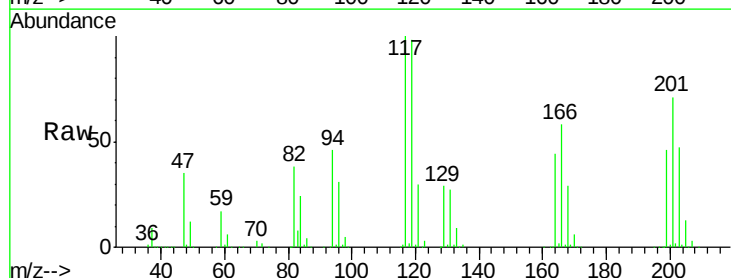
Instrument :
MSVOA_X
ClientSampled :

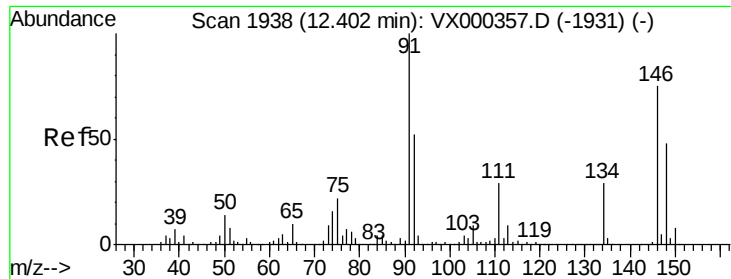
Tot Ion: 91 Resp: 494483
Ion Ratio Lower Upper
91 100
92 51.8 25.9 77.8
134 26.5 13.1 39.3



#90
Hexachloroethane
Concen: 52.40 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000506.D
Acq: 29 Mar 2018 11:23

Tgt Ion: 117 Resp: 82069
Ion Ratio Lower Upper
117 100
201 75.7 37.9 113.6

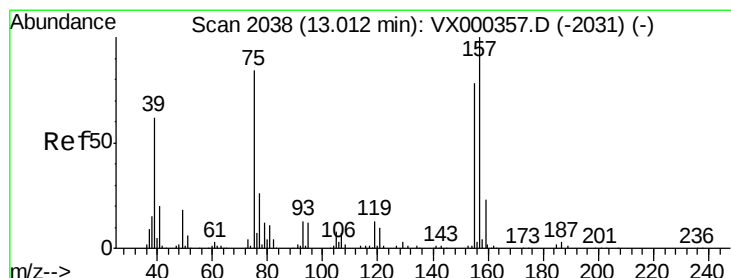
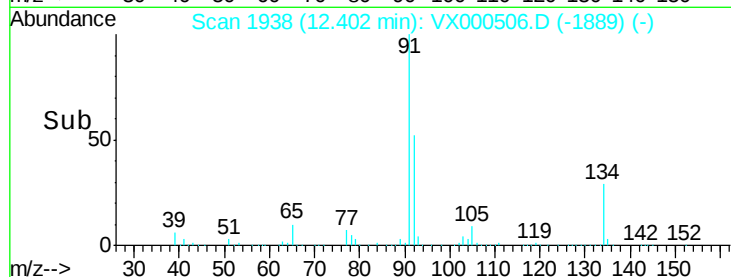
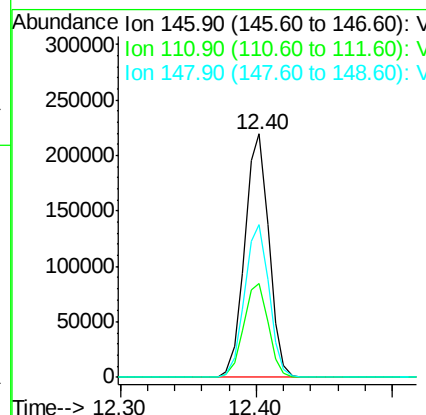
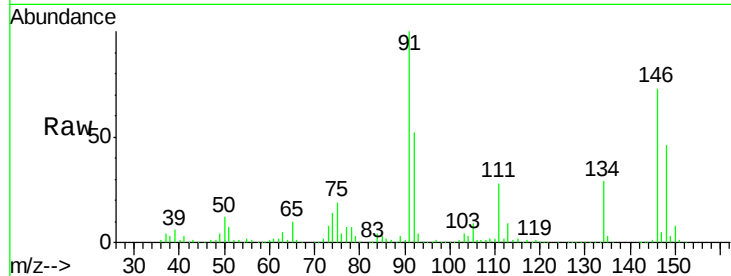




#91
 1,2-Dichlorobenzene
 Concen: 51.41 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000506.D
 Acq: 29 Mar 2018 11:23

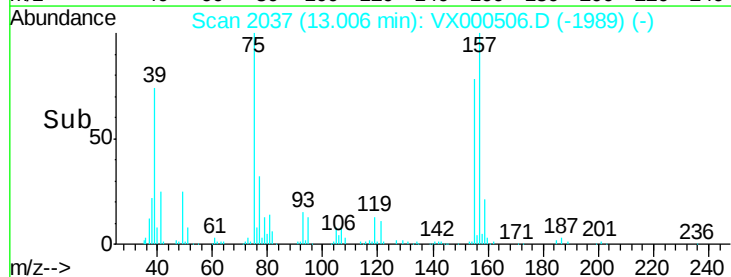
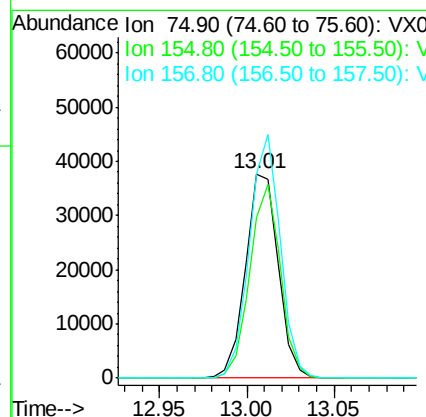
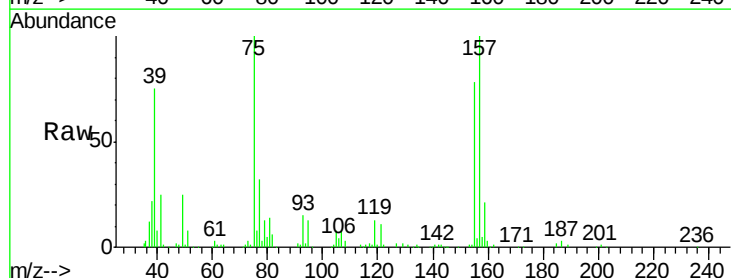
Instrument :
 MSVOA_X
 ClientSampled :

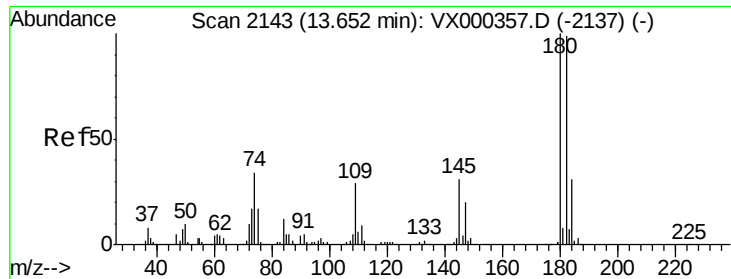
Tot Ion:146 Resp: 271110
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.1 60.2
 148 63.8 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.50 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: VX000506.D
 Acq: 29 Mar 2018 11:23

Tgt Ion: 75 Resp: 48983
 Ion Ratio Lower Upper
 75 100
 155 88.5 45.0 134.8
 157 112.0 58.1 174.2

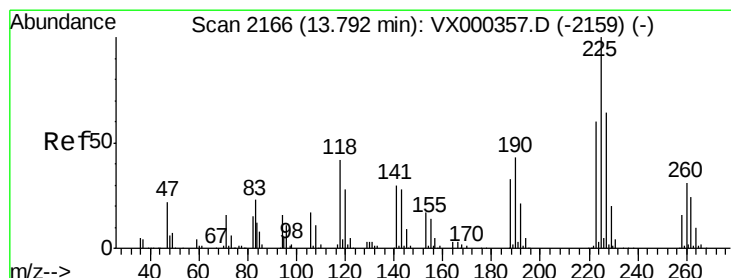
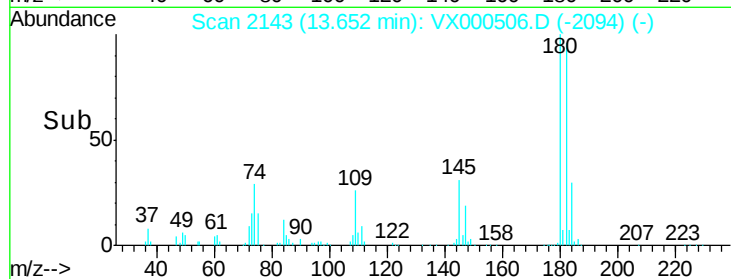
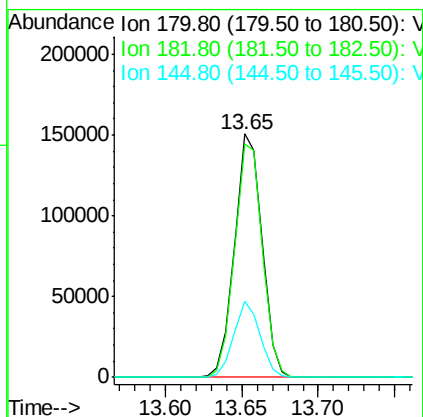
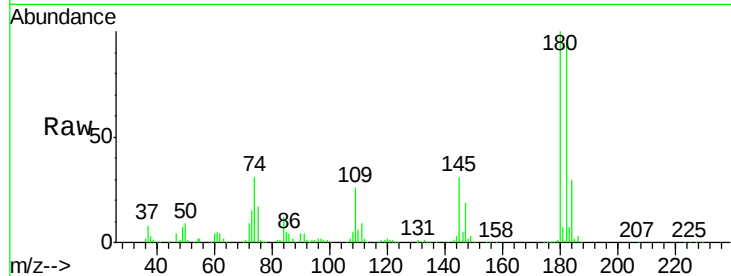




#93
 1,2,4-Trichlorobenzene
 Concen: 49.49 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000506.D
 Acq: 29 Mar 2018 11:23

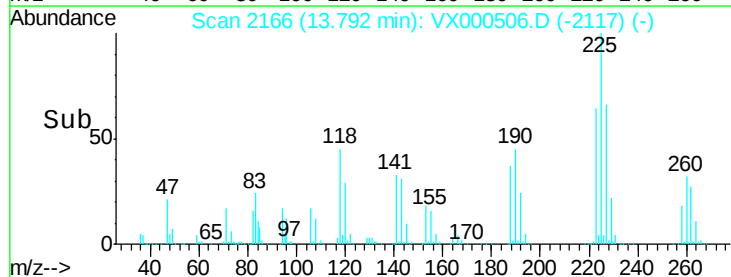
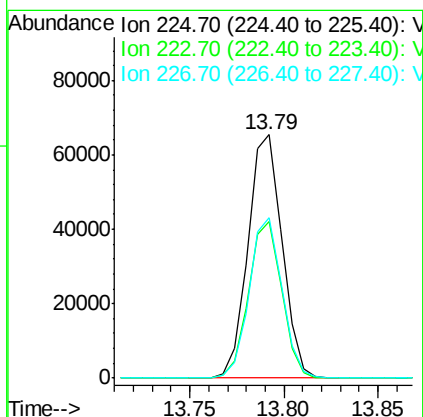
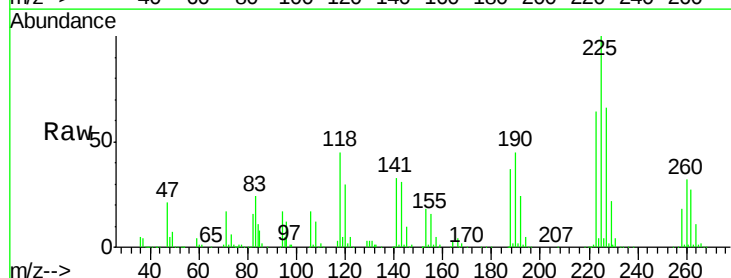
Instrument :
 MSVOA_X
 ClientSampleId :

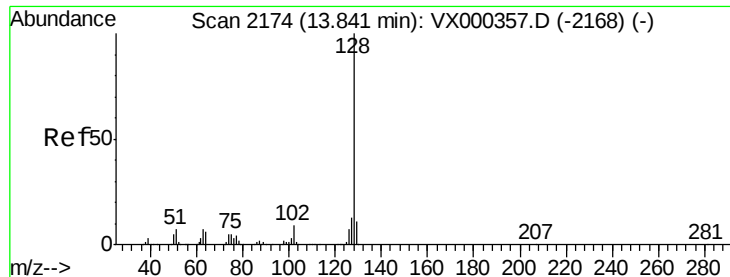
Tot Ion:180 Resp: 187086
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.6 142.9
 145 29.7 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 52.46 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000506.D
 Acq: 29 Mar 2018 11:23

Tgt Ion:225 Resp: 82121
 Ion Ratio Lower Upper
 225 100
 223 62.5 32.0 96.0
 227 63.3 32.6 98.0





#95

Naphthalene

Concen: 49.76 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

Instrument :

MSVOA_X

ClientSampleId :

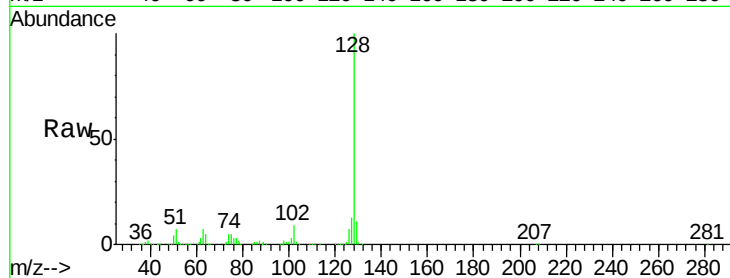
Tot Ion:128 Resp: 655297

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

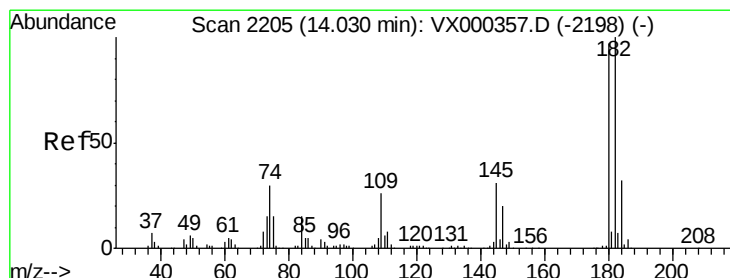
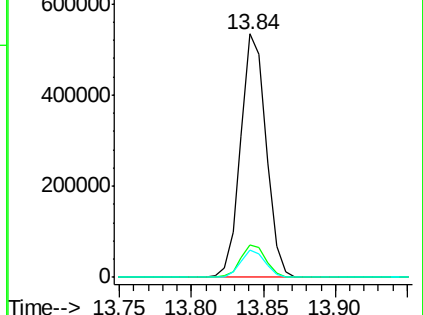
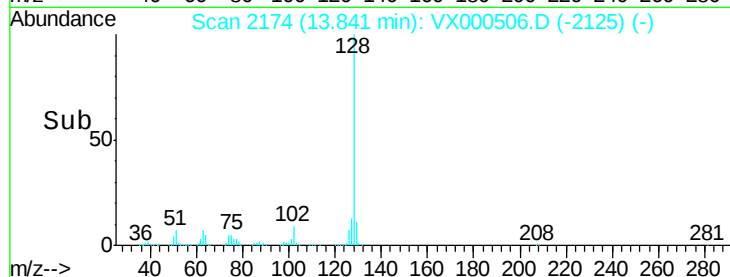
129 11.0 8.9 13.3



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: 50.50 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000506.D

Acq: 29 Mar 2018 11:23

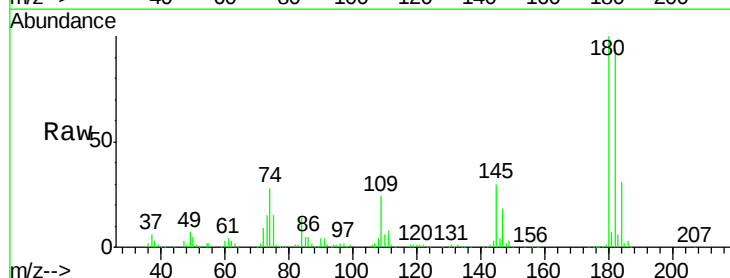
Tgt Ion:180 Resp: 188630

Ion Ratio Lower Upper

180 100

182 94.5 47.4 142.3

145 30.8 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

