

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030218\
 Data File : VX000189.D
 Acq On : 02 Mar 2018 09:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 03 04:39:22 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	115857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	185072	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	190569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	117599	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	77193	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
35) Dibromofluoromethane	5.51	113	61498	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	8.73	98	246702	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
62) 4-Bromofluorobenzene	11.15	95	102646	56.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45496	38.14	ug/l	97
3) Chloromethane	1.32	50	44136	37.72	ug/l	98
4) Vinyl Chloride	1.41	62	56078	43.02	ug/l	98
5) Bromomethane	1.64	94	68361	66.80	ug/l	99
6) Chloroethane	1.72	64	39601	45.24	ug/l	94
7) Trichlorofluoromethane	1.93	101	106870	45.85	ug/l	96
8) Diethyl Ether	2.20	74	39094	48.61	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61957	47.56	ug/l	96
10) Methyl Iodide	2.51	142	51825	36.32	ug/l	96
11) Tert butyl alcohol	3.08	59	148725	266.75	ug/l	99
12) 1,1-Dichloroethene	2.38	96	52100	42.94	ug/l	88
13) Acrolein	2.30	56	54078	203.06	ug/l	100
14) Allyl chloride	2.73	41	102116	50.27	ug/l	96
15) Acrylonitrile	3.15	53	254690	267.48	ug/l	100
16) Acetone	2.45	43	318053	338.95	ug/l	99
17) Carbon Disulfide	2.57	76	105794	29.62	ug/l	99
18) Methyl Acetate	2.78	43	137347	62.42	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	213881	51.36	ug/l	99
20) Methylene Chloride	2.86	84	60503	50.70	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	56531	42.98	ug/l	92
22) Diisopropyl ether	3.88	45	204614	57.66	ug/l	91
23) Vinyl Acetate	3.83	43	953086	288.99	ug/l	97
24) 1,1-Dichloroethane	3.70	63	109667	52.16	ug/l	99
25) 2-Butanone	4.71	43	369392	281.98	ug/l	100
26) 2,2-Dichloropropane	4.59	77	86315	47.23	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	59852	47.76	ug/l	99
28) Bromochloromethane	5.03	49	54217	57.51	ug/l	90
29) Tetrahydrofuran	5.18	42	225772	264.67	ug/l	97
30) Chloroform	5.23	83	111551	50.41	ug/l	94
31) Cyclohexane	5.58	56	78624	43.49	ug/l	92
32) 1,1,1-Trichloroethane	5.51	97	99875	49.04	ug/l	97
36) 1,1-Dichloropropene	5.81	75	78324	47.16	ug/l	96
37) Ethyl Acetate	4.87	43	118367	51.87	ug/l	97
38) Carbon Tetrachloride	5.79	117	84599	47.16	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	91845	45.93	ug/l	99
40) Benzene	6.15	78	230583	48.59	ug/l	99
41) Methacrylonitrile	5.07	41	61606	56.32	ug/l	98
42) 1,2-Dichloroethane	6.21	62	94386	54.21	ug/l	98
43) Isopropyl Acetate	6.48	43	182390	55.43	ug/l	97
44) Trichloroethene	7.22	130	65497	46.87	ug/l	91
45) 1,2-Dichloropropane	7.52	63	62720	53.93	ug/l	99
46) Dibromomethane	7.67	93	46250	50.97	ug/l	95
47) Bromodichloromethane	7.91	83	92387	55.12	ug/l	98
48) Methyl methacrylate	7.79	41	87136	54.02	ug/l	97
49) 1,4-Dioxane	7.77	88	42362	1001.67	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	732134	304.40	ug/l	97
52) Toluene	8.79	92	162522	51.27	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	103963	52.75	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	106674	54.51	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	72339	55.18	ug/l	98
56) Ethyl methacrylate	9.19	69	113610	56.47	ug/l	94
57) 1,3-Dichloropropane	9.38	76	115944	55.68	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	267406	262.98	ug/l	95
59) 2-Hexanone	9.51	43	638524	313.55	ug/l	97
60) Dibromochloromethane	9.59	129	77507	52.20	ug/l	97
61) 1,2-Dibromoethane	9.68	107	78457	53.93	ug/l	98
64) Tetrachloroethene	9.34	164	63749	45.94	ug/l	97
65) Chlorobenzene	10.15	112	199351	49.55	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	71426	50.74	ug/l	98
67) Ethyl Benzene	10.26	91	340924	50.48	ug/l	99
68) m/p-Xylenes	10.37	106	270241	101.05	ug/l	97
69) o-Xylene	10.71	106	131728	51.07	ug/l	97
70) Styrene	10.72	104	223212	52.93	ug/l	98
71) Bromoform	10.87	173	63343	49.54	ug/l #	98
73) Isopropylbenzene	11.02	105	365574	49.05	ug/l	97
74) N-amyl acetate	6.48	43	182390	48.44	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	135870	52.34	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	166625	68.40	ug/l	80
77) Bromobenzene	11.26	156	91834	45.46	ug/l	92
78) n-propylbenzene	11.37	91	439105	49.97	ug/l	98
79) 2-Chlorotoluene	11.43	91	247955	49.32	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	314975	49.99	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	41579	48.61	ug/l	91
82) 4-Chlorotoluene	11.52	91	306229	50.35	ug/l	97
83) tert-Butylbenzene	11.78	119	313903	49.33	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	327480	50.06	ug/l	98
85) sec-Butylbenzene	11.96	105	398043	50.37	ug/l	99
86) p-Isopropyltoluene	12.07	119	355934	50.41	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	184599	47.64	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	194585	48.60	ug/l	99
89) n-Butylbenzene	12.40	91	345402	51.87	ug/l	98
90) Hexachloroethane	12.60	117	58179	50.61	ug/l	88
91) 1,2-Dichlorobenzene	12.40	146	184939	48.49	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40266	55.89	ug/l	86

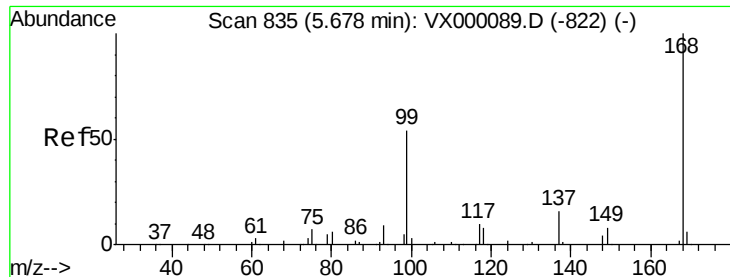
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	132967	46.47	ug/l	99
94) Hexachlorobutadiene	13.79	225	55288	44.28	ug/l	98
95) Naphthalene	13.85	128	485560	50.05	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	133655	47.32	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

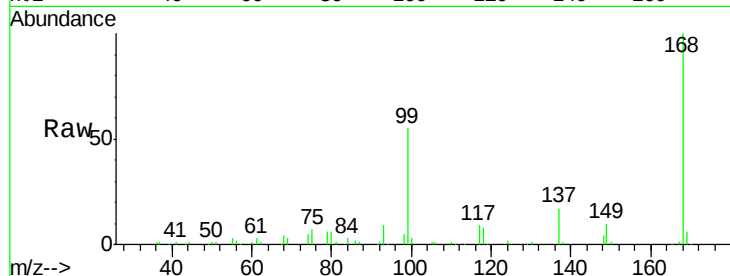
ClientSampled :

Tot Ion:168 Resp: 115857

Ion Ratio Lower Upper

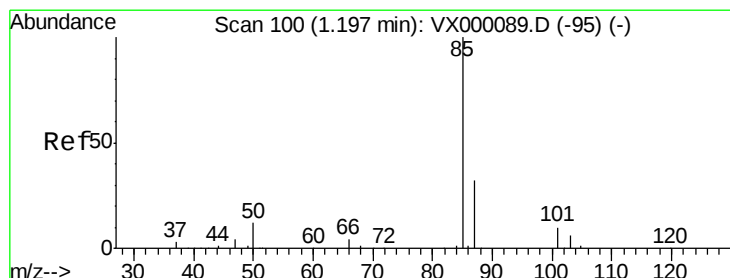
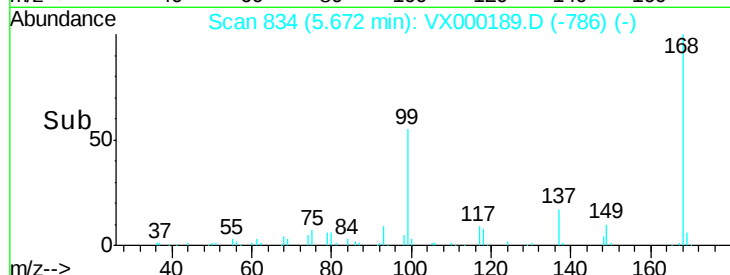
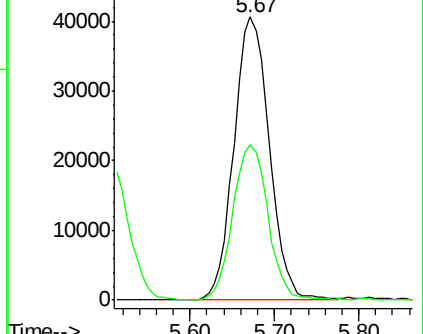
168 100

99 55.1 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 38.14 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000189.D

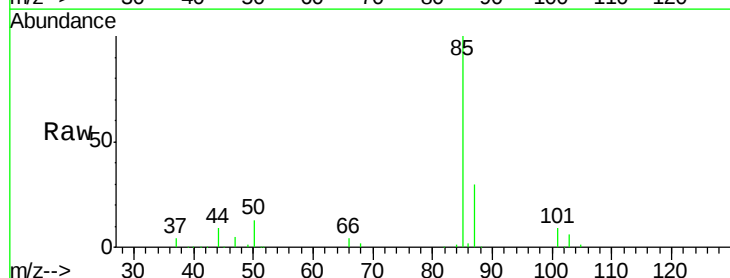
Acq: 02 Mar 2018 09:48

Tgt Ion: 85 Resp: 45496

Ion Ratio Lower Upper

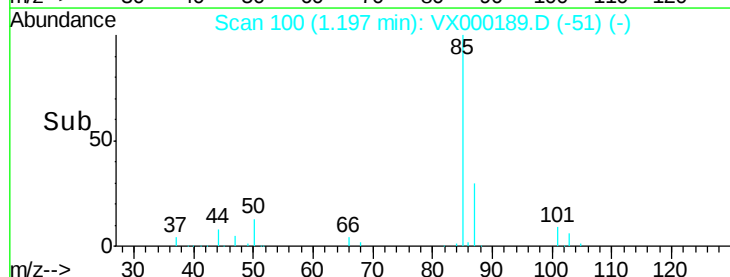
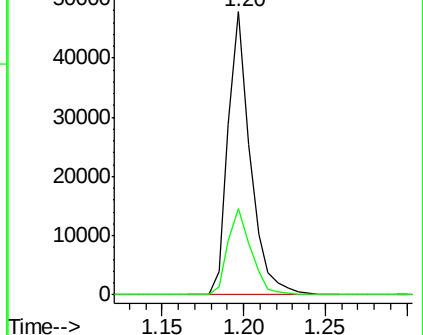
85 100

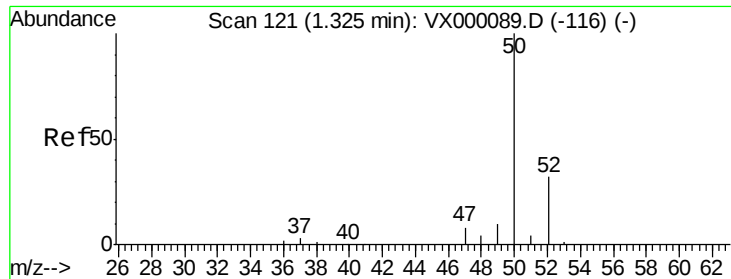
87 30.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 37.72 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

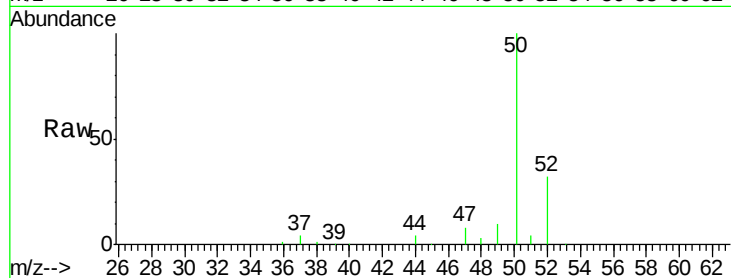
ClientSampleId :

Tot Ion: 50 Resp: 44136

Ion Ratio Lower Upper

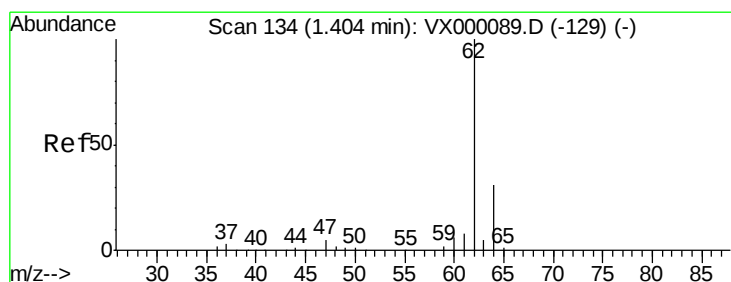
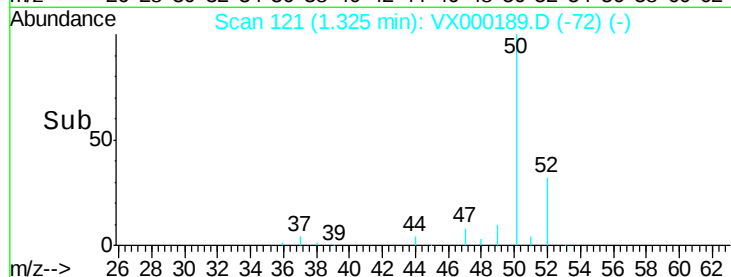
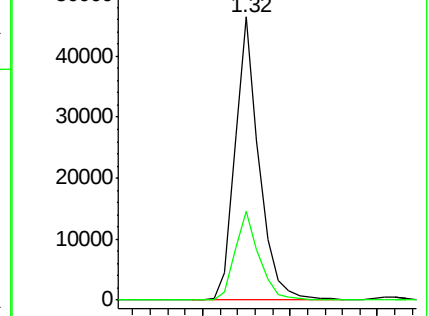
50 100

52 31.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.02 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000189.D

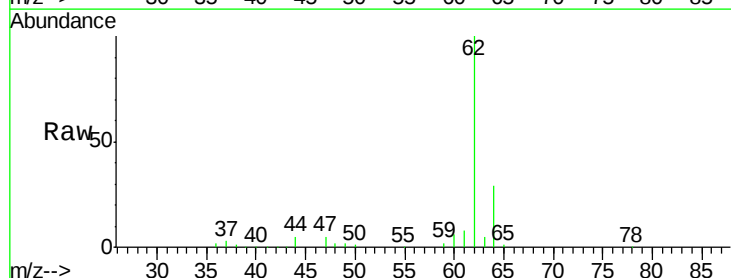
Acq: 02 Mar 2018 09:48

Tgt Ion: 62 Resp: 56078

Ion Ratio Lower Upper

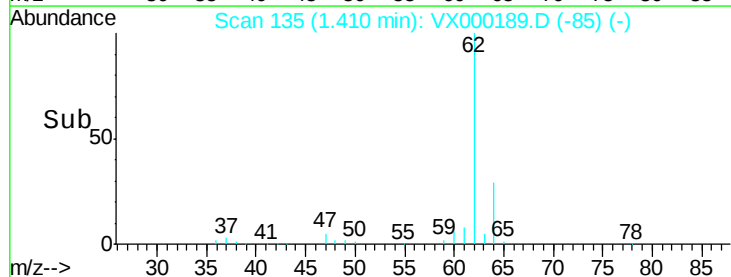
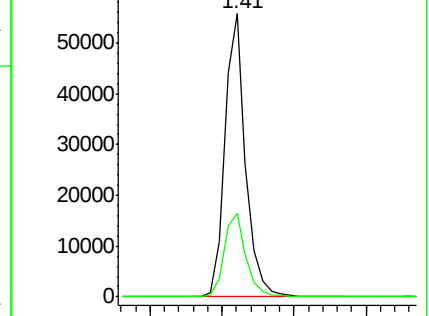
62 100

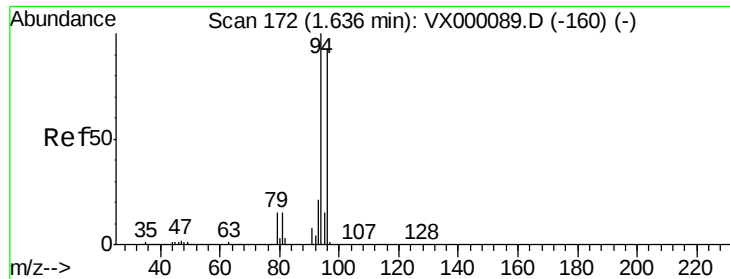
64 29.5 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 66.80 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

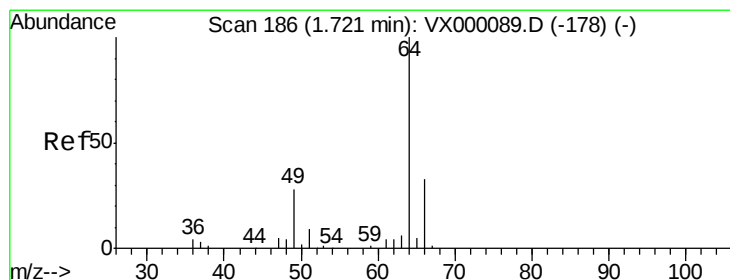
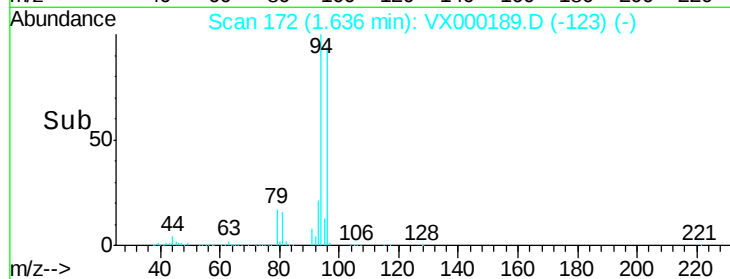
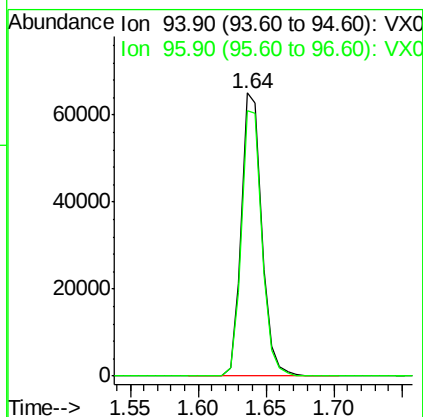
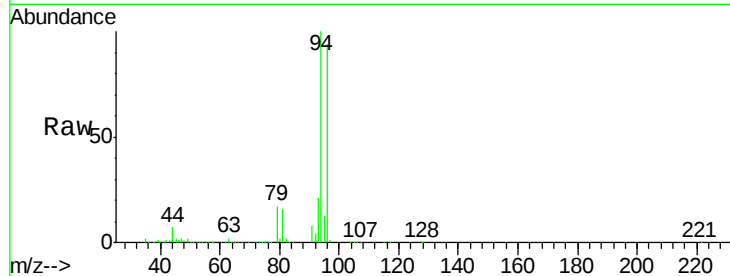
ClientSampleId :

Tot Ion: 94 Resp: 68361

Ion Ratio Lower Upper

94 100

96 93.8 74.6 112.0



#6

Chloroethane

Concen: 45.24 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX000189.D

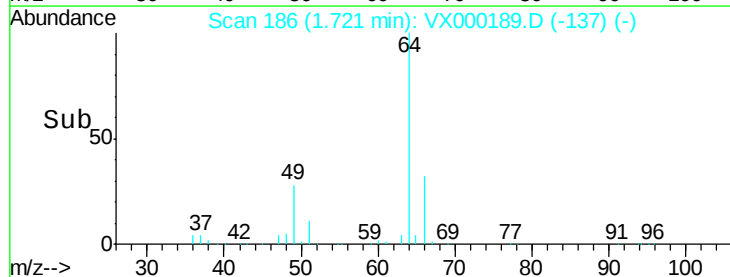
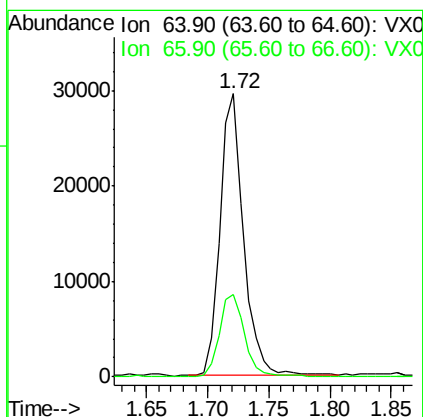
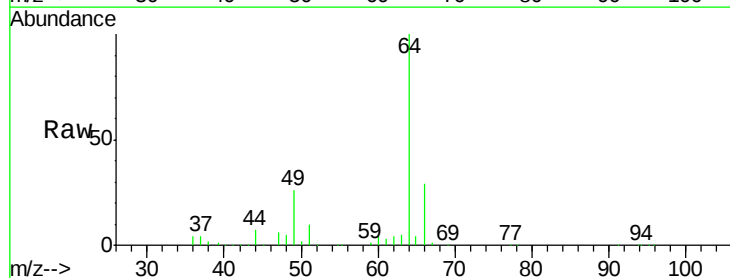
Acq: 02 Mar 2018 09:48

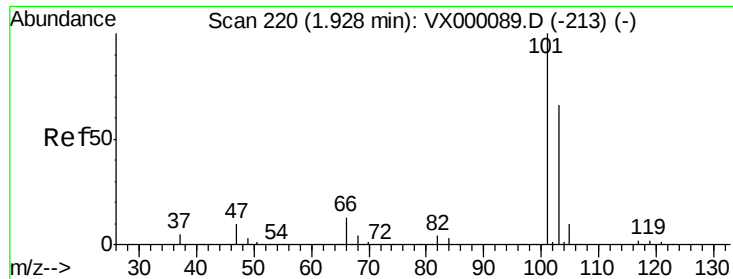
Tgt Ion: 64 Resp: 39601

Ion Ratio Lower Upper

64 100

66 29.3 26.0 39.0



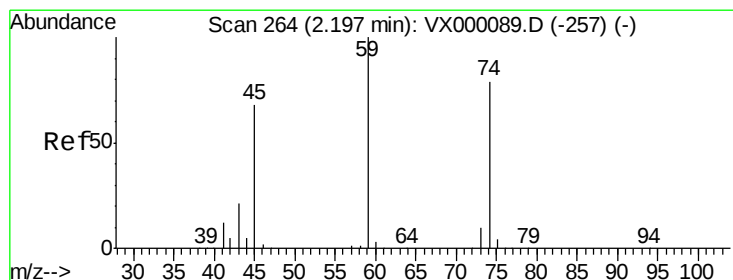
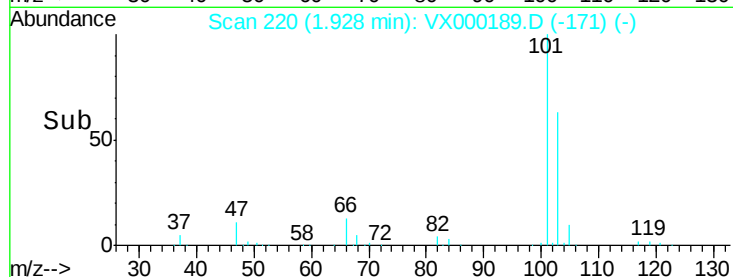
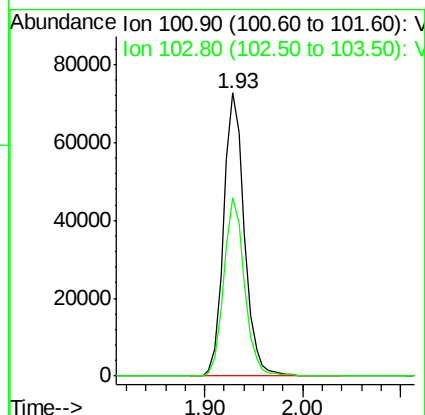
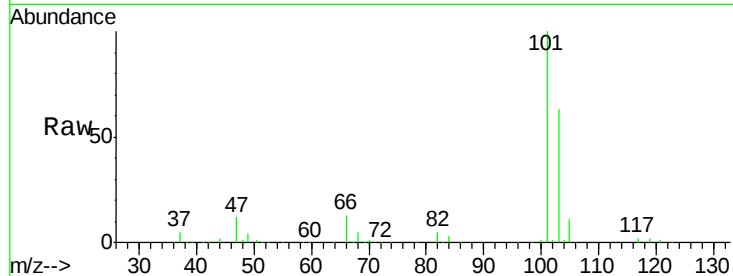


#7

Trichlorofluoromethane
 Concen: 45.85 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Instrument :
 MSVOA_X
 ClientSampleId :

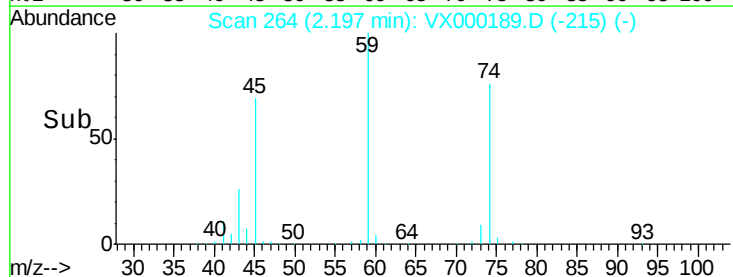
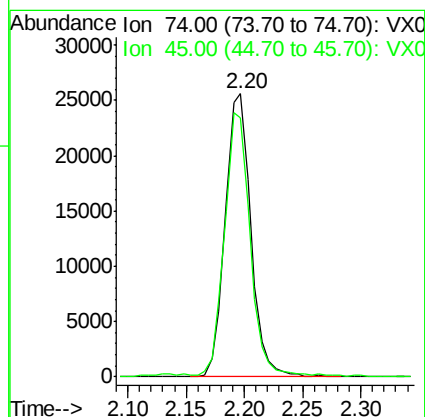
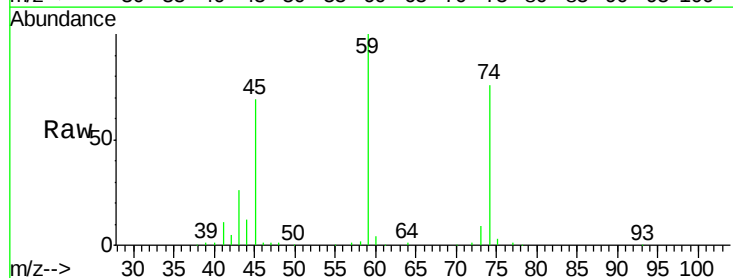
Tot Ion:101 Resp: 106870
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.7 79.1

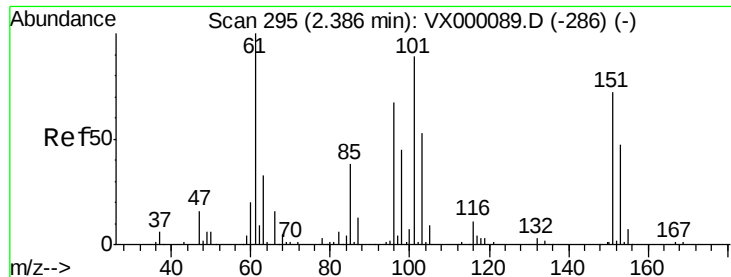


#8

Diethyl Ether
 Concen: 48.61 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion: 74 Resp: 39094
 Ion Ratio Lower Upper
 74 100
 45 92.1 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.56 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampleId :

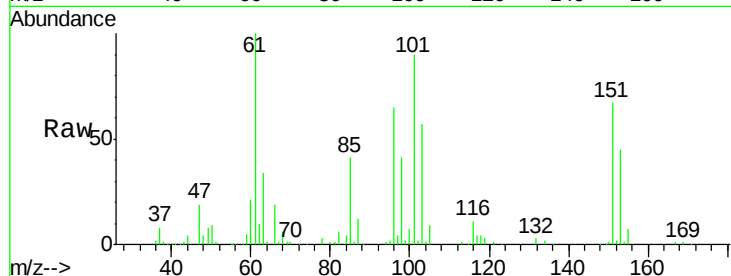
Tot Ion:101 Resp: 61957

Ion Ratio Lower Upper

101 100

85 48.1 36.7 55.1

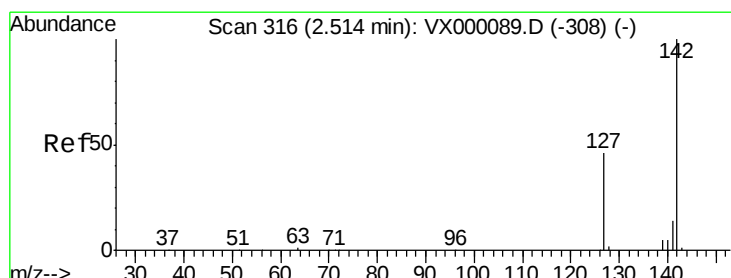
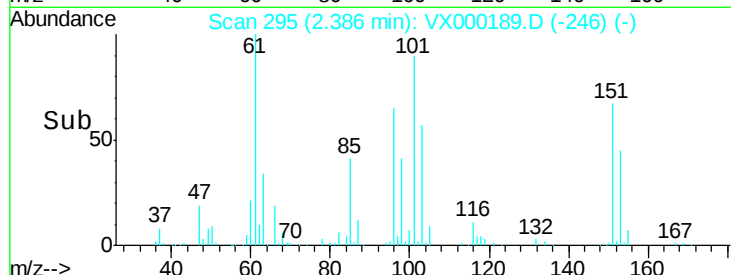
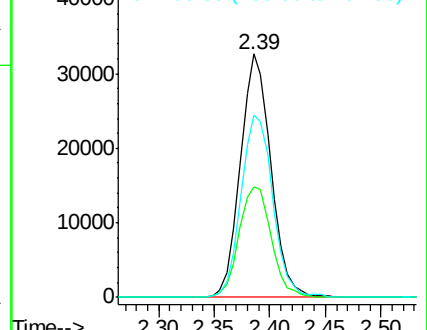
151 78.4 65.8 98.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 36.32 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

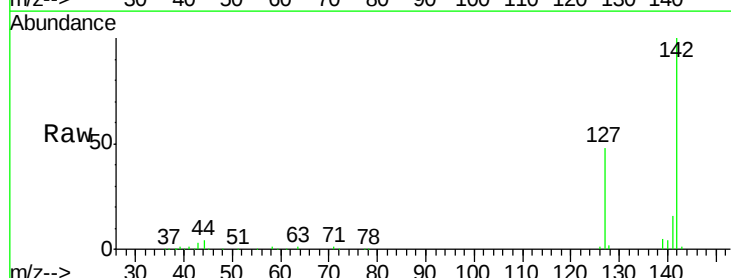
Tgt Ion:142 Resp: 51825

Ion Ratio Lower Upper

142 100

127 49.0 36.8 55.2

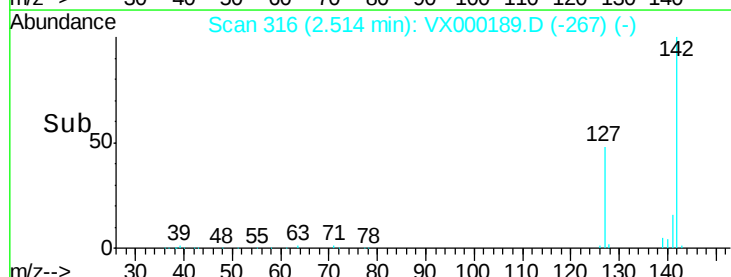
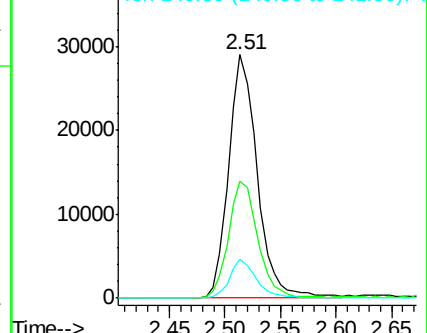
141 14.8 11.6 17.4

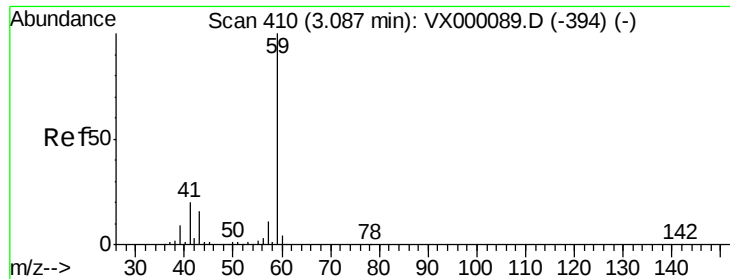


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



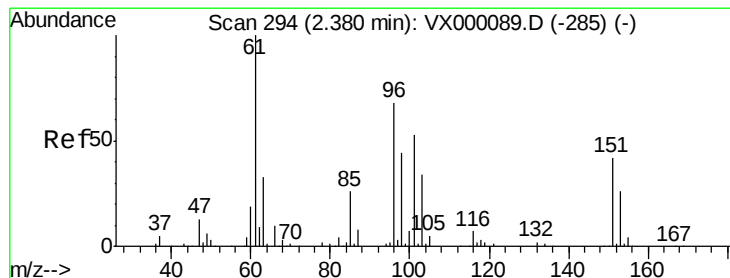
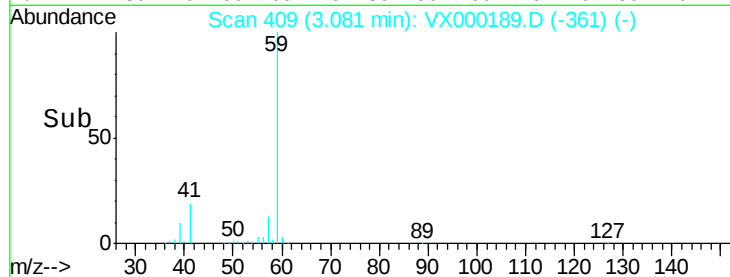
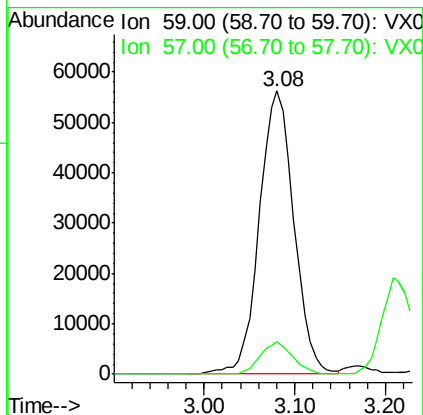
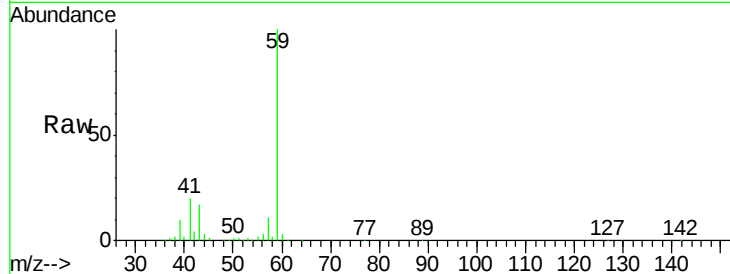


#11

Tert butyl alcohol
 Concen: 266.75 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Instrument :
 MSVOA_X
 ClientSampleId :

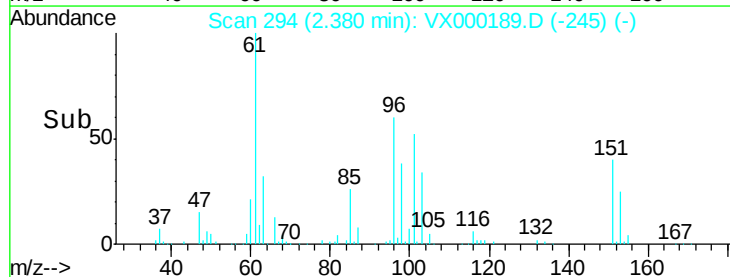
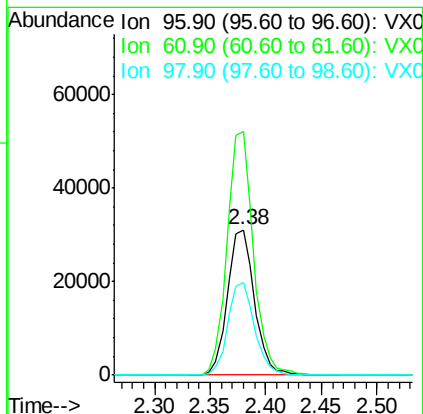
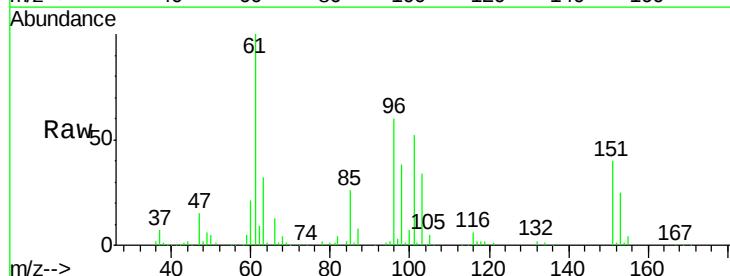
Tot Ion: 59 Resp: 148725
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.3 12.5

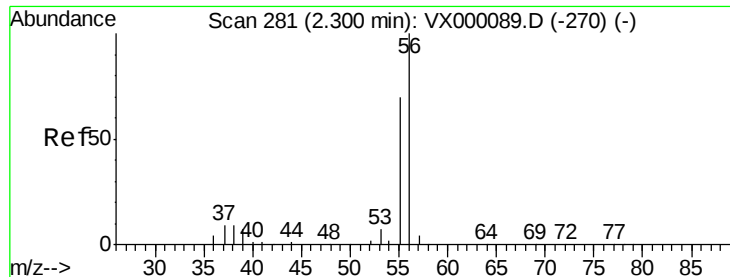


#12

1,1-Dichloroethene
 Concen: 42.94 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion: 96 Resp: 52100
 Ion Ratio Lower Upper
 96 100
 61 167.4 117.7 176.5
 98 63.4 51.3 76.9





#13

Acrolein

Concen: 203.06 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

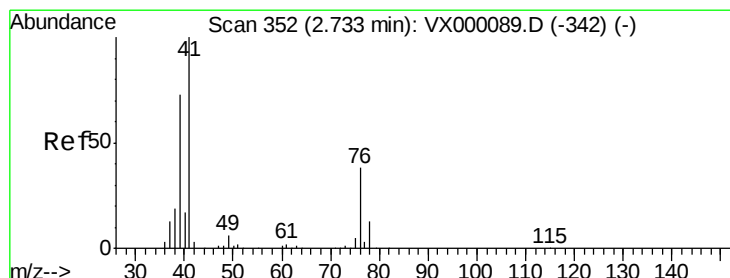
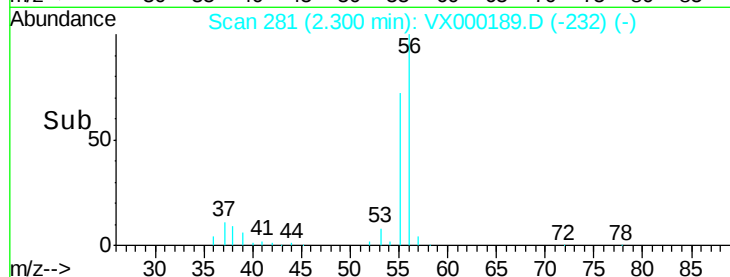
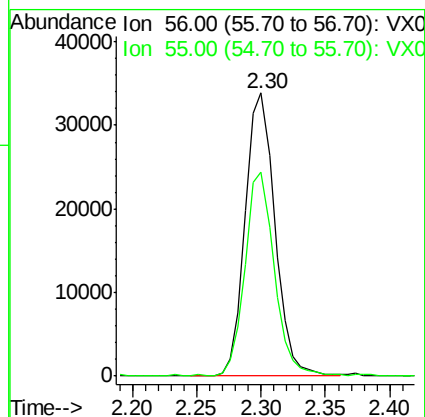
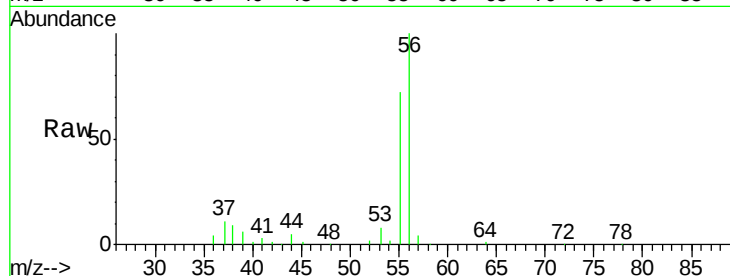
ClientSampleId :

Tot Ion: 56 Resp: 54078

Ion Ratio Lower Upper

56 100

55 70.3 56.2 84.4



#14

Allyl chloride

Concen: 50.27 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

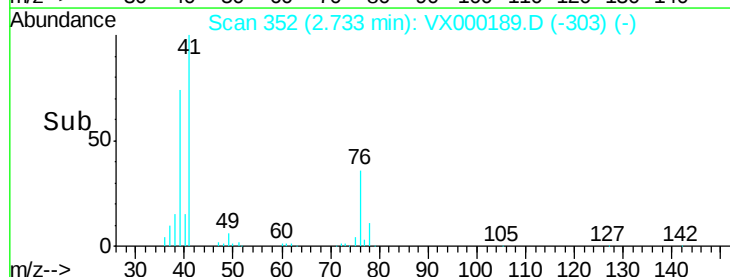
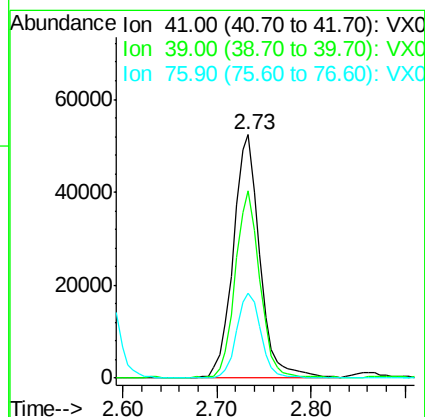
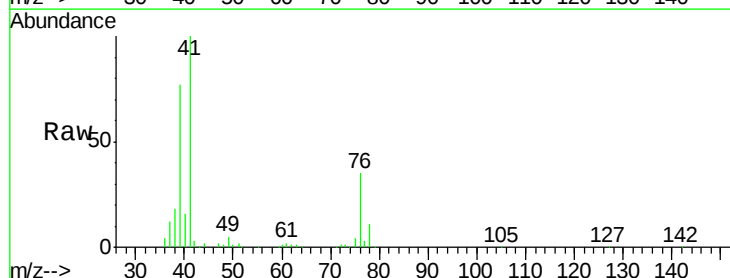
Tgt Ion: 41 Resp: 102116

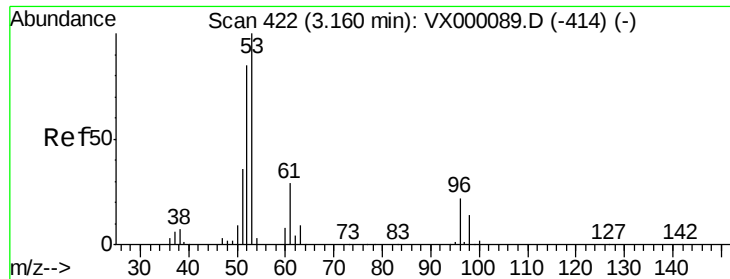
Ion Ratio Lower Upper

41 100

39 71.6 55.1 82.7

76 32.3 28.5 42.7





#15

Acrylonitrile

Concen: 267.48 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampleId :

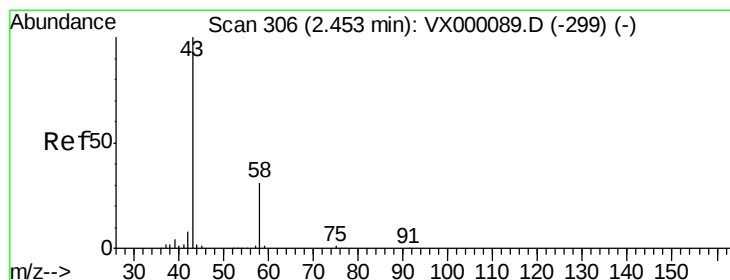
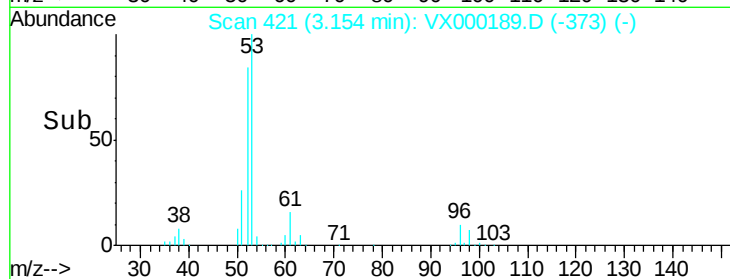
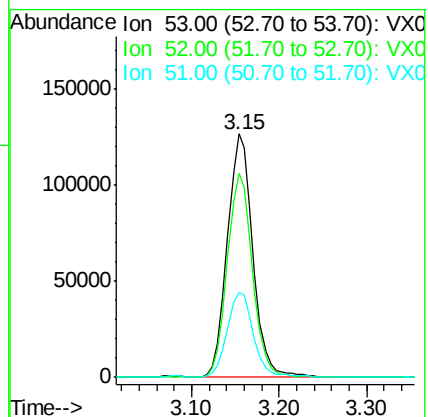
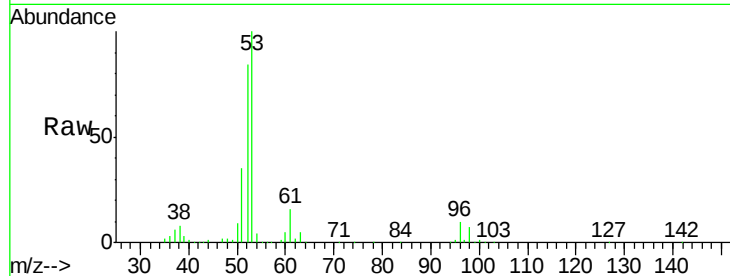
Tot Ion: 53 Resp: 254690

Ion Ratio Lower Upper

53 100

52 83.2 66.5 99.7

51 36.5 29.0 43.6



#16

Acetone

Concen: 338.95 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000189.D

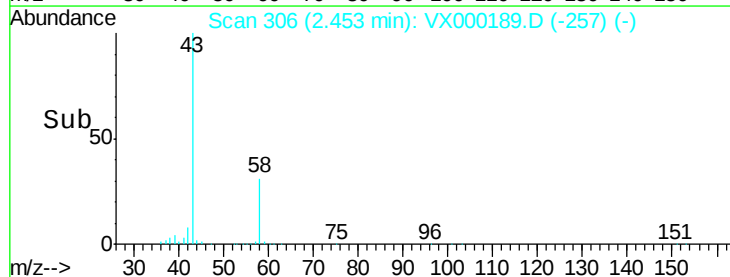
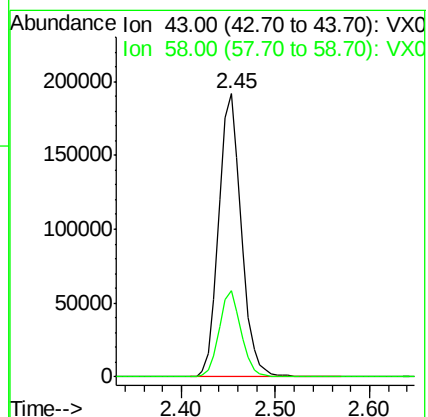
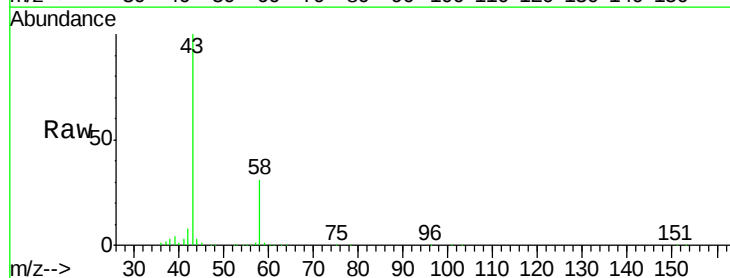
Acq: 02 Mar 2018 09:48

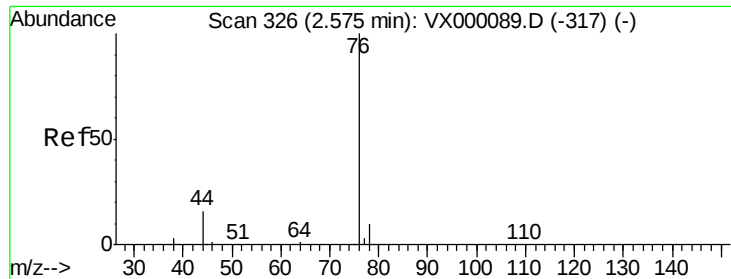
Tgt Ion: 43 Resp: 318053

Ion Ratio Lower Upper

43 100

58 30.6 25.0 37.4

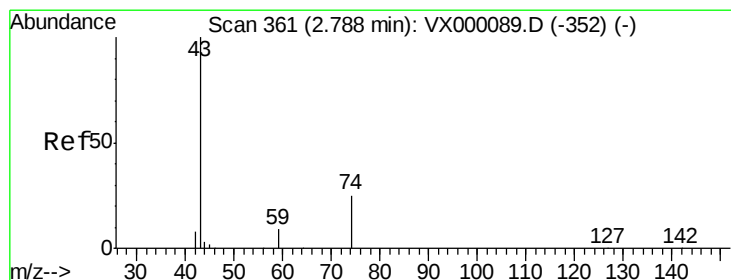
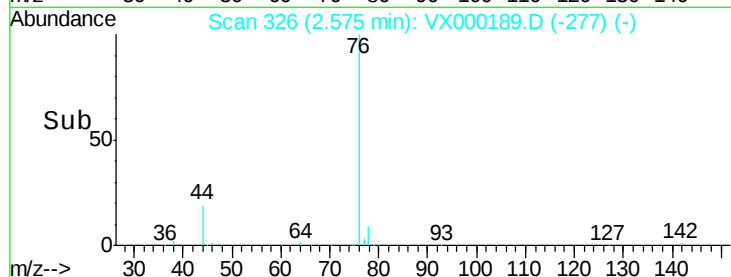
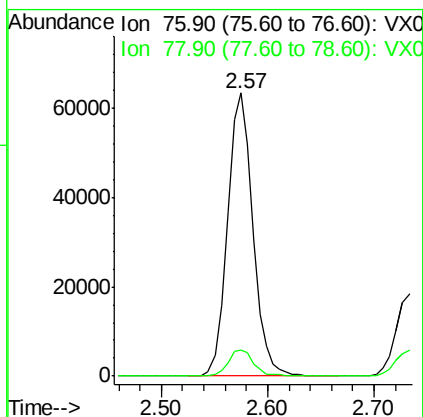
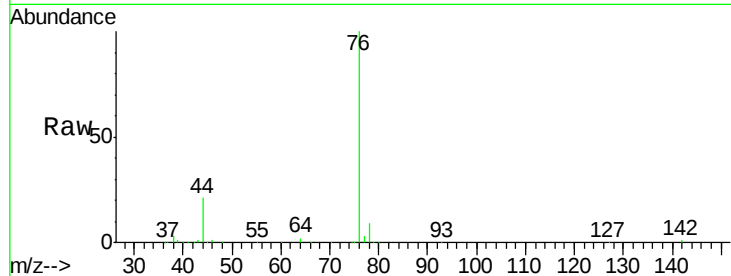




#17
Carbon Disulfide
Concen: 29.62 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

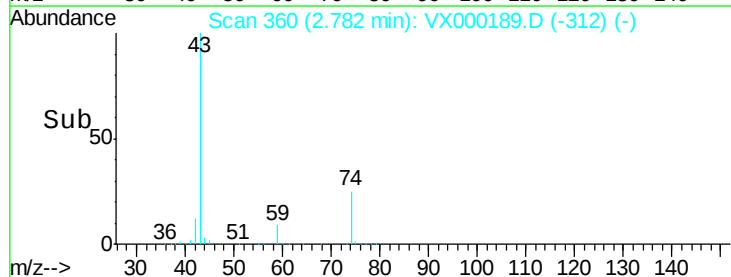
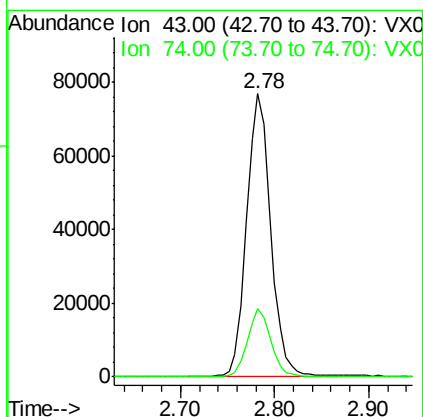
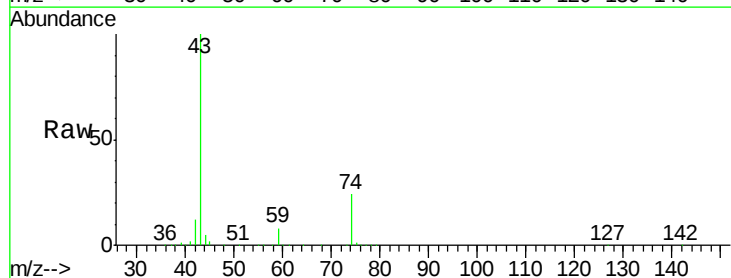
Instrument :
MSVOA_X
ClientSampleId :

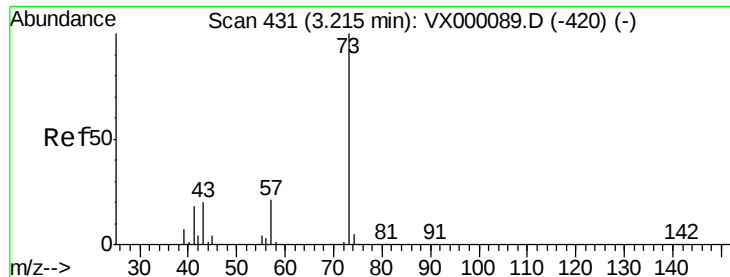
Tot Ion: 76 Resp: 105794
Ion Ratio Lower Upper
76 100
78 9.4 7.8 11.8



#18
Methyl Acetate
Concen: 62.42 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion: 43 Resp: 137347
Ion Ratio Lower Upper
43 100
74 23.5 20.2 30.4

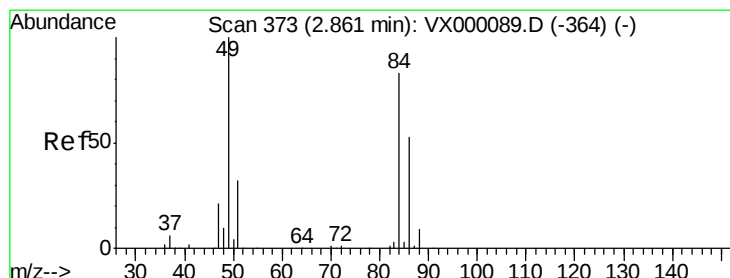
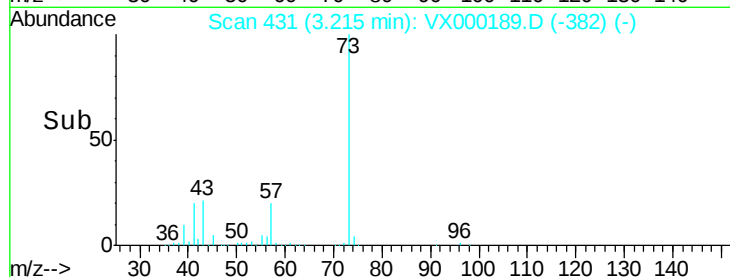
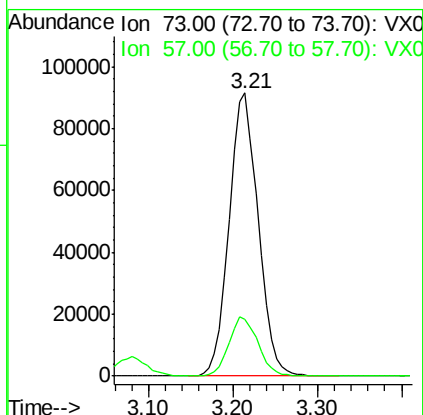
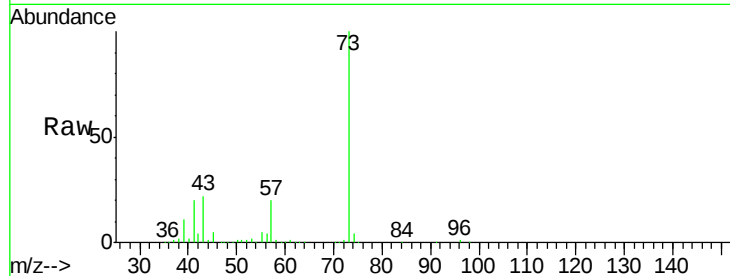




#19
Methyl tert-butyl Ether
Concen: 51.36 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

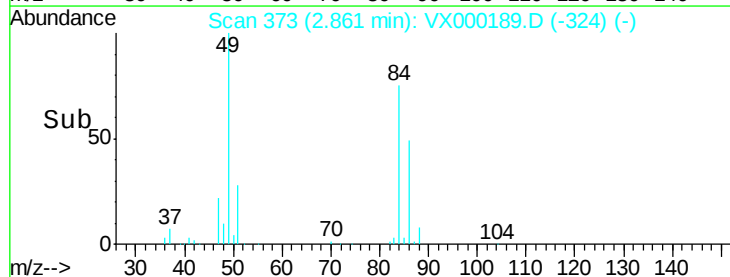
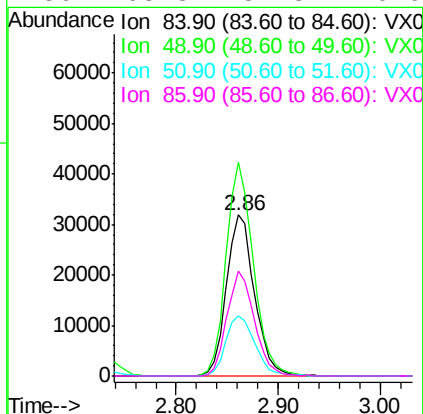
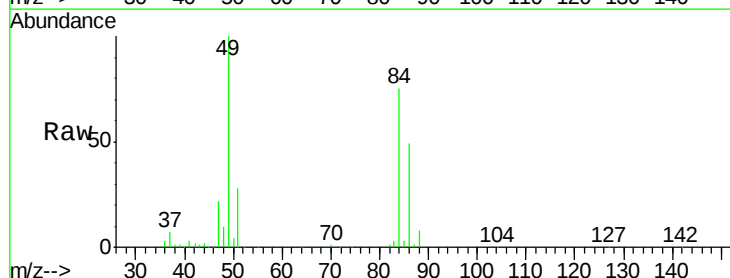
Instrument :
MSVOA_X
ClientSampled :

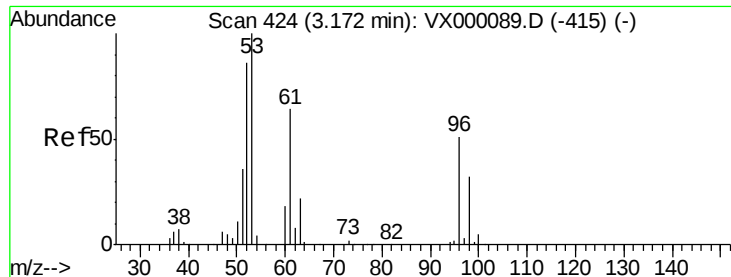
Tot Ion: 73 Resp: 213881
Ion Ratio Lower Upper
73 100
57 20.2 16.4 24.6



#20
Methylene Chloride
Concen: 50.70 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion: 84 Resp: 60503
Ion Ratio Lower Upper
84 100
49 132.5 96.1 144.1
51 37.3 30.5 45.7
86 65.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 42.98 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampleId :

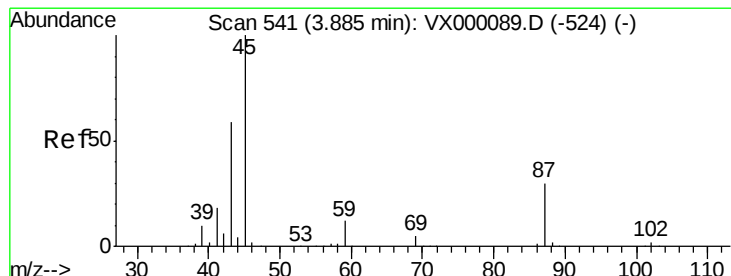
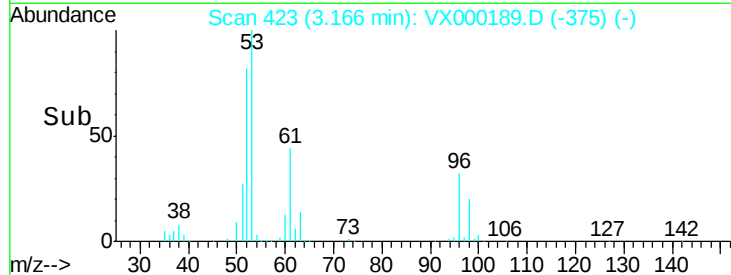
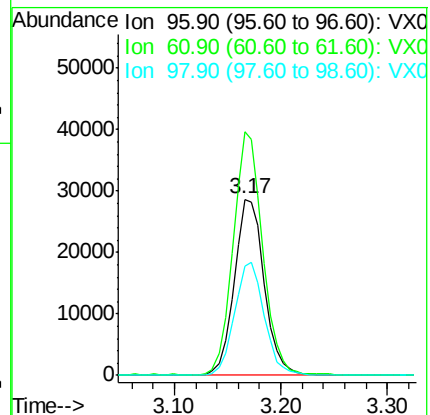
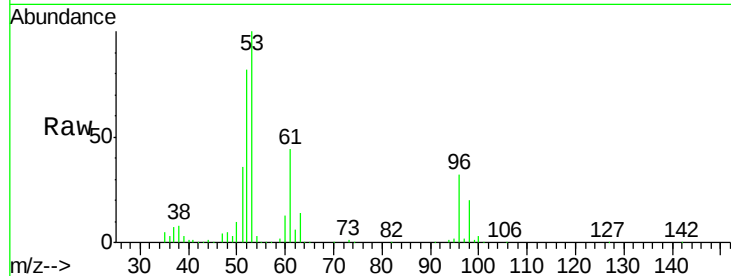
Tot Ion: 96 Resp: 56531

Ion Ratio Lower Upper

96 100

61 138.3 100.3 150.5

98 62.1 50.6 75.8



#22

Diisopropyl ether

Concen: 57.66 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Tgt Ion: 45 Resp: 204614

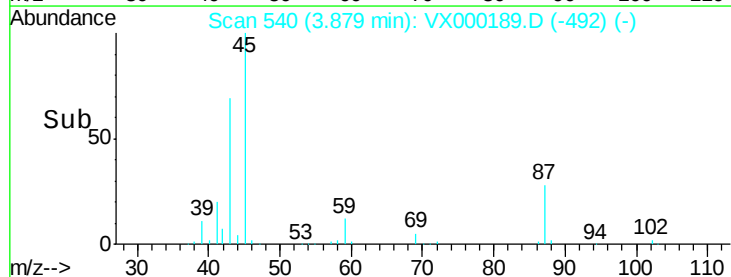
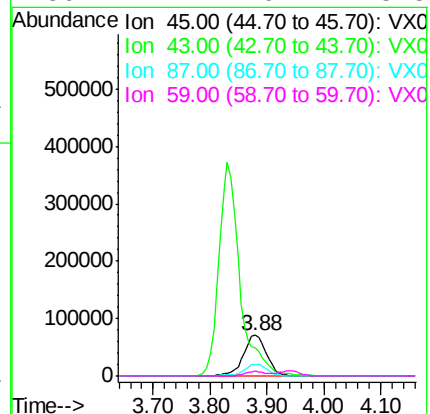
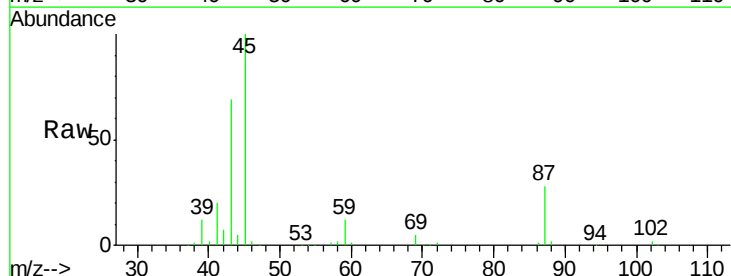
Ion Ratio Lower Upper

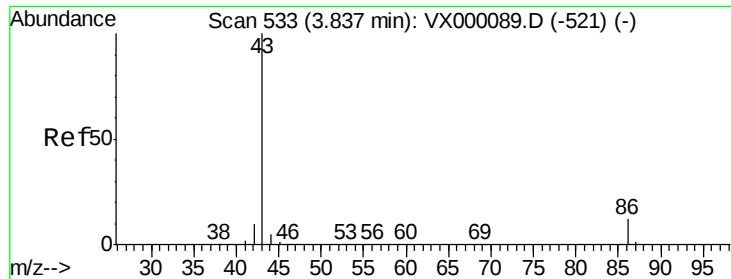
45 100

43 69.1 47.4 71.2

87 28.3 24.2 36.2

59 12.2 9.2 13.8





#23

Vinyl Acetate

Concen: 288.99 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

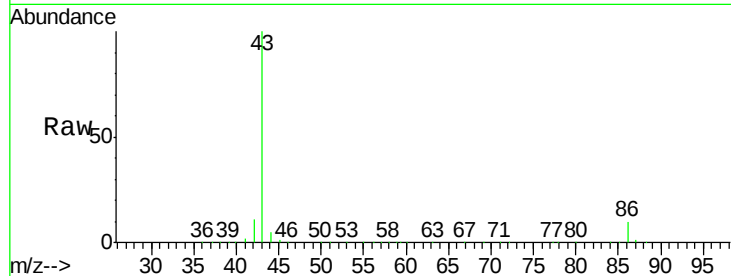
ClientSampleId :

Tot Ion: 43 Resp: 953086

Ion Ratio Lower Upper

43 100

86 10.4 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

400000

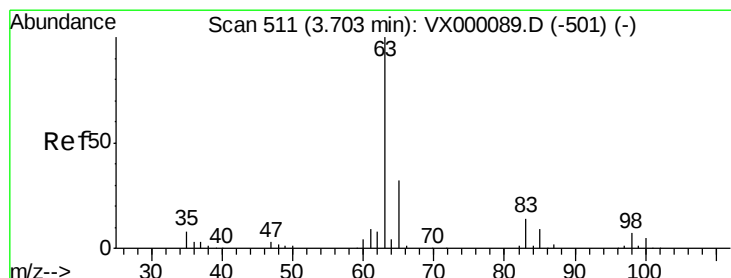
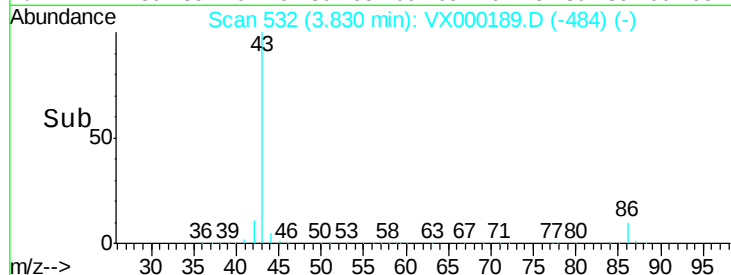
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.16 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

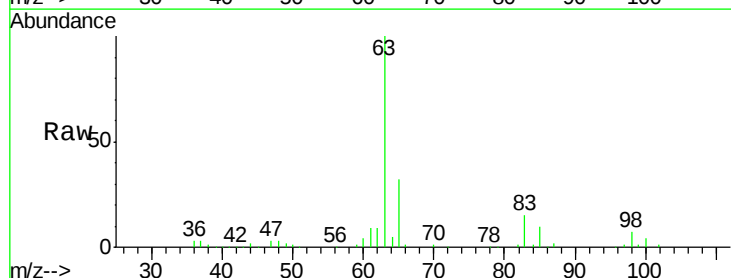
Tgt Ion: 63 Resp: 109667

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

100 4.2 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

60000

50000

40000

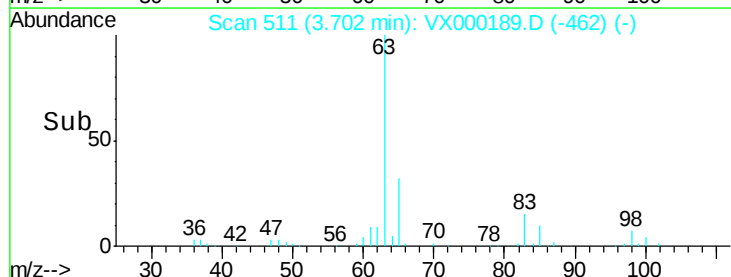
30000

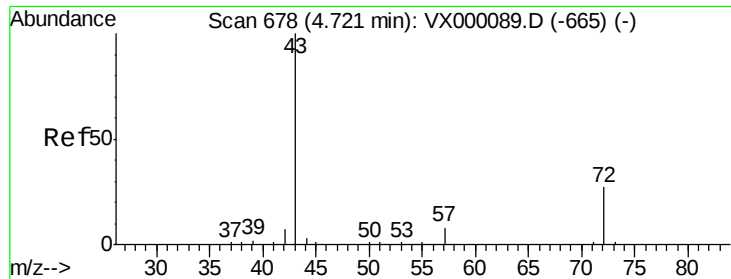
20000

10000

0

Time-->





#25

2-Butanone

Concen: 281.98 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

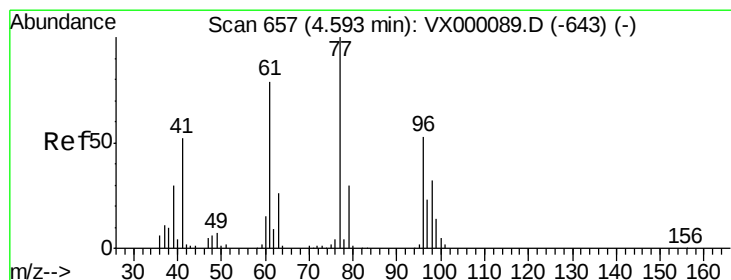
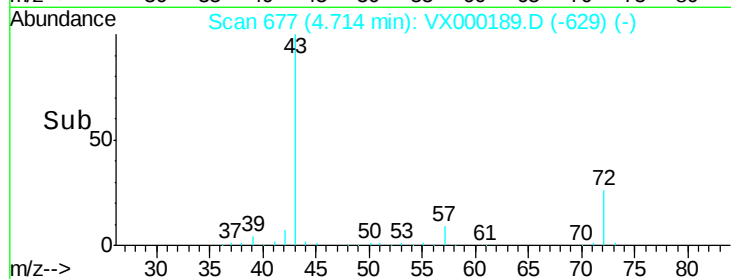
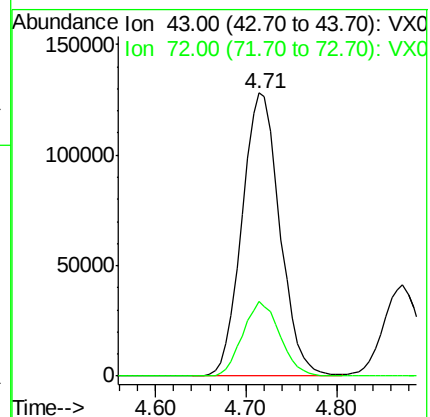
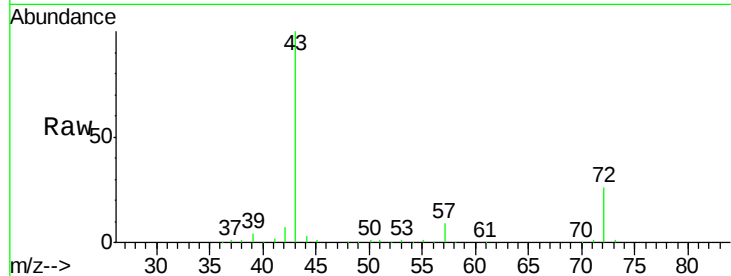
ClientSampled :

Tot Ion: 43 Resp: 369392

Ion Ratio Lower Upper

43 100

72 26.4 21.3 31.9



#26

2,2-Dichloropropane

Concen: 47.23 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX000189.D

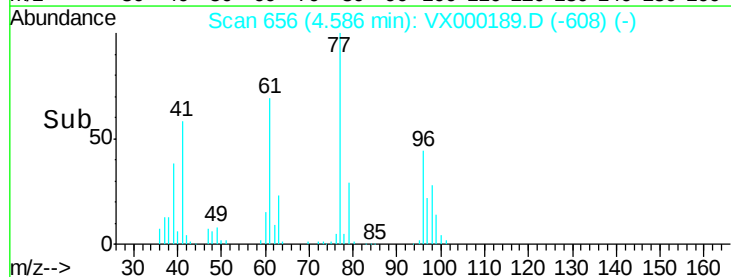
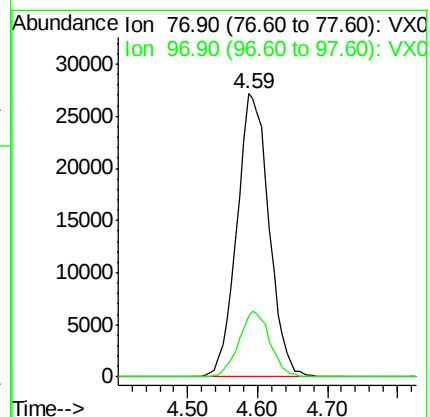
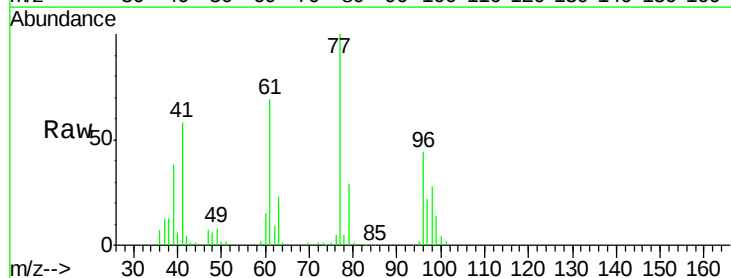
Acq: 02 Mar 2018 09:48

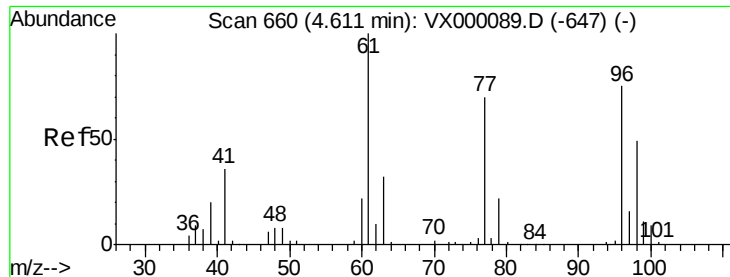
Tgt Ion: 77 Resp: 86315

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 47.76 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampleId :

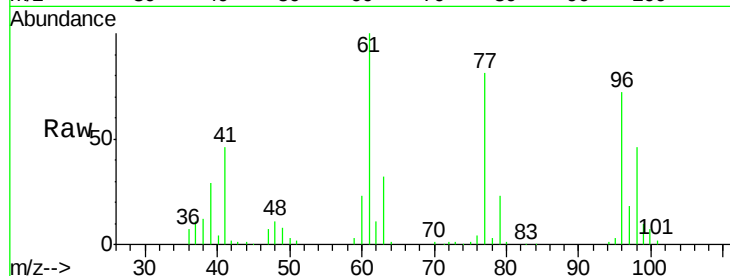
Tot Ion: 96 Resp: 59852

Ion Ratio Lower Upper

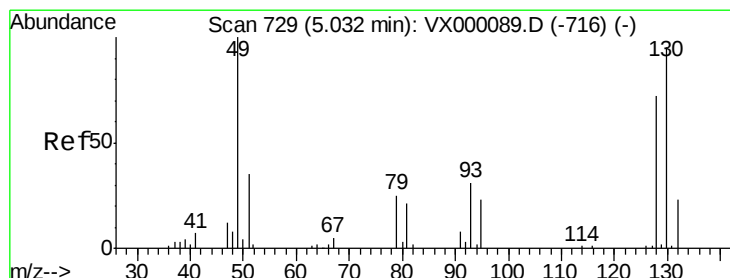
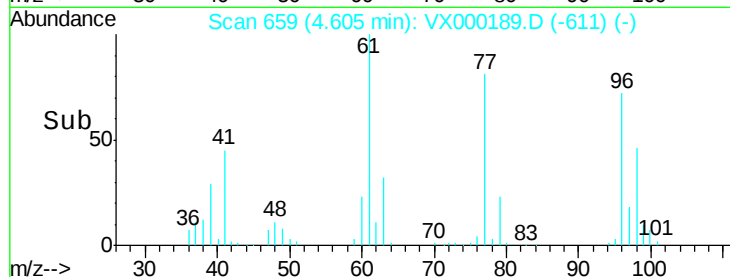
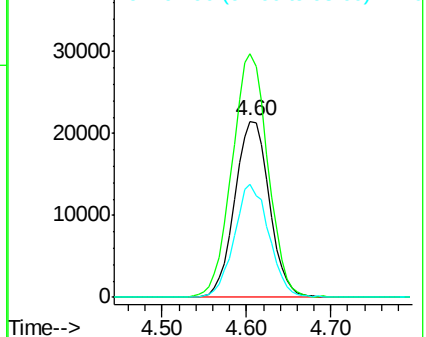
96 100

61 143.0 0.0 285.6

98 64.2 0.0 131.8



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: 57.51 ug/l

RT: 5.03 min Scan# 729

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

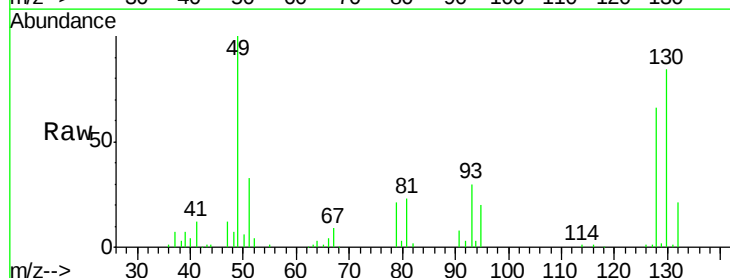
Tgt Ion: 49 Resp: 54217

Ion Ratio Lower Upper

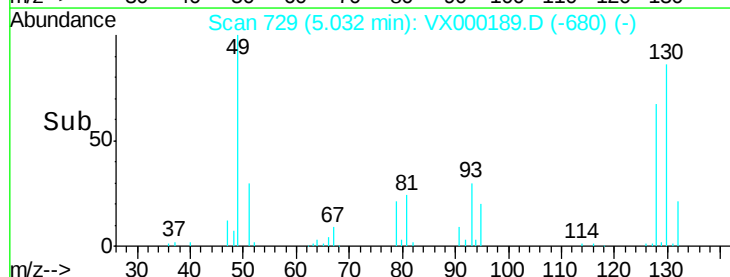
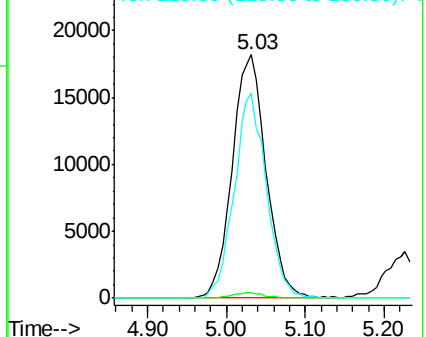
49 100

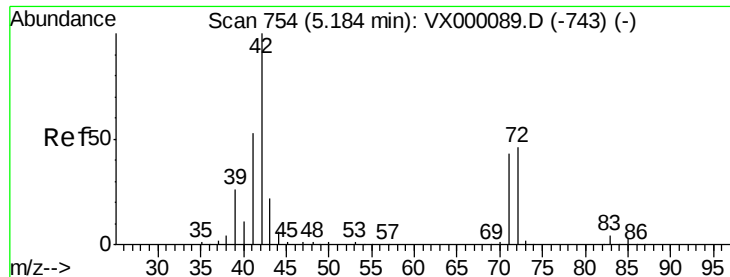
129 2.1 0.0 5.0

130 80.2 71.9 107.9



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

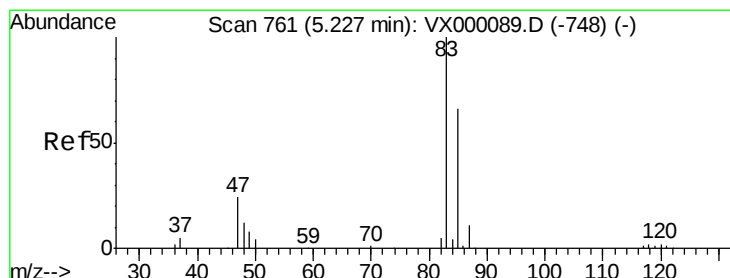
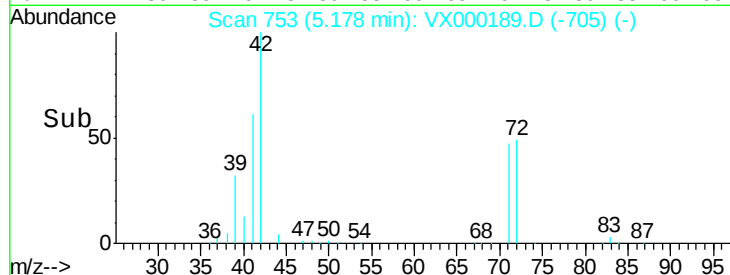
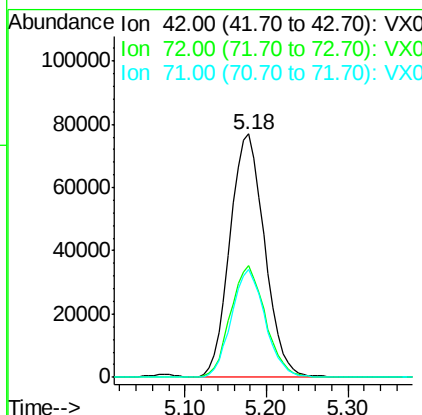
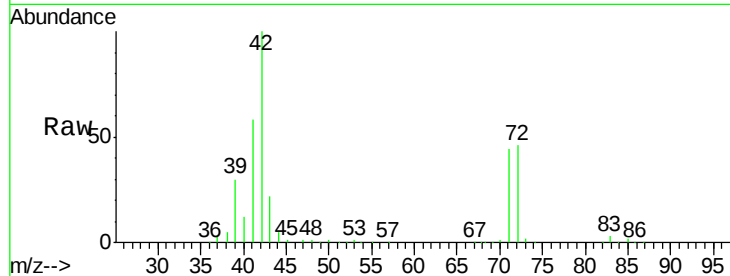




#29
Tetrahydrofuran
Concen: 264.67 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

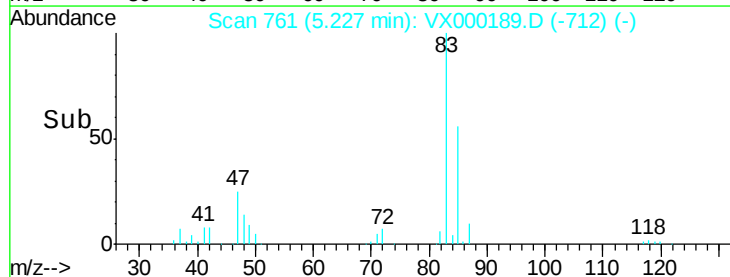
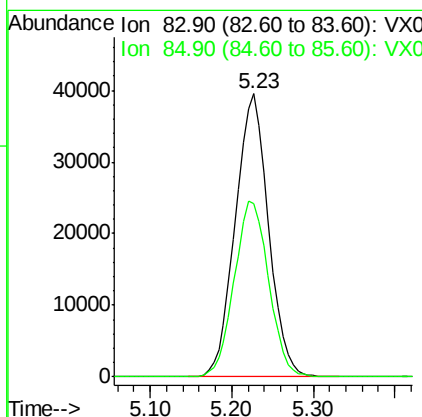
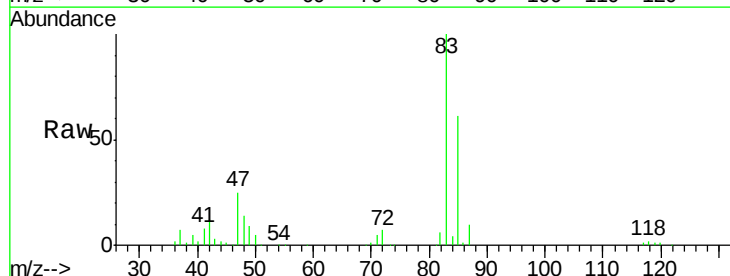
Instrument :
MSVOA_X
ClientSampled :

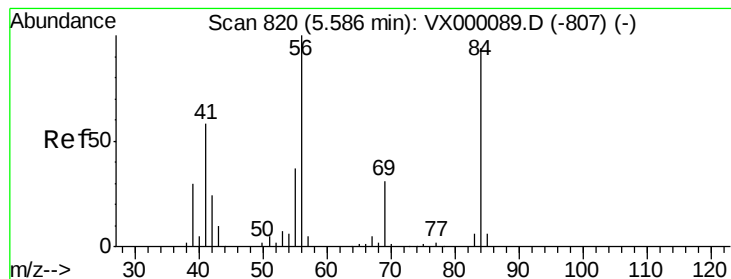
Tot Ion: 42 Resp: 225772
Ion Ratio Lower Upper
42 100
72 46.3 38.6 58.0
71 43.3 36.2 54.4



#30
Chloroform
Concen: 50.41 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion: 83 Resp: 111551
Ion Ratio Lower Upper
83 100
85 61.4 52.7 79.1





#31

Cyclohexane

Concen: 43.49 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampled :

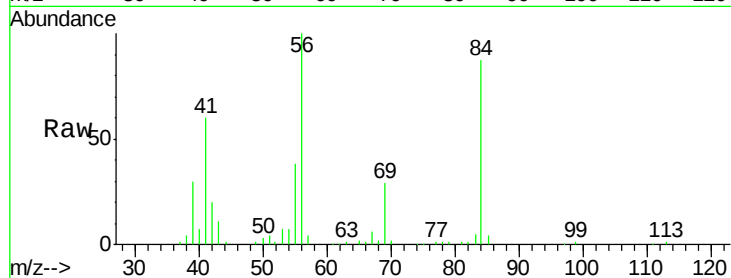
Tot Ion: 56 Resp: 78624

Ion Ratio Lower Upper

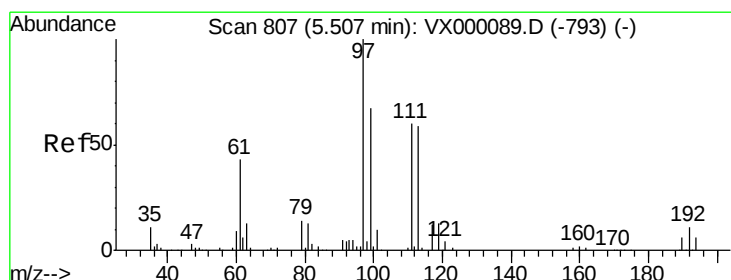
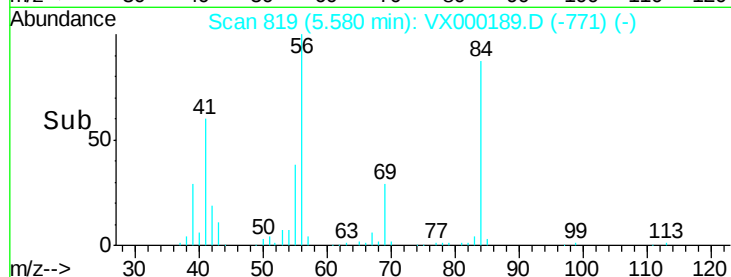
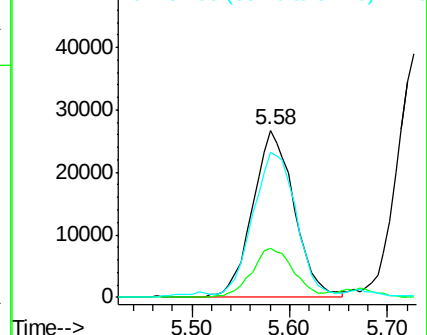
56 100

69 29.3 24.9 37.3

84 84.6 75.0 112.4



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



#32

1,1,1-Trichloroethane

Concen: 49.04 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

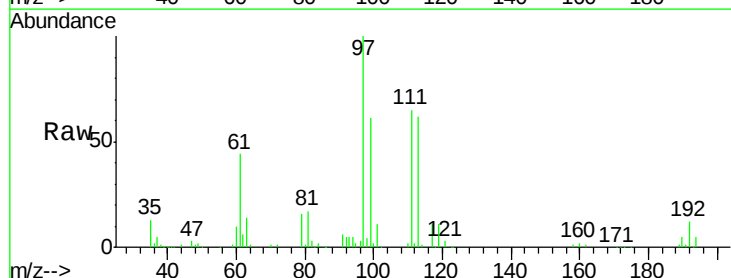
Tgt Ion: 97 Resp: 99875

Ion Ratio Lower Upper

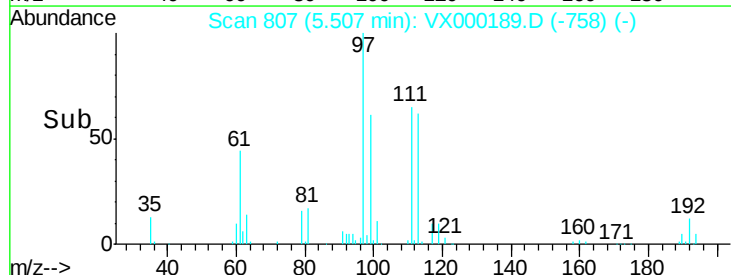
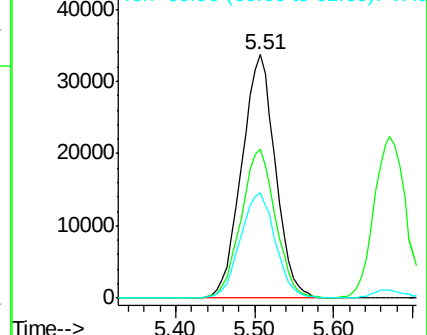
97 100

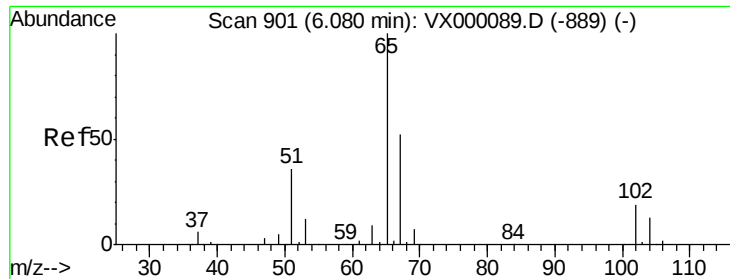
99 62.6 51.1 76.7

61 45.1 33.4 50.0



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





#33

1,2-Dichloroethane-d4

Concen: 53.35 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

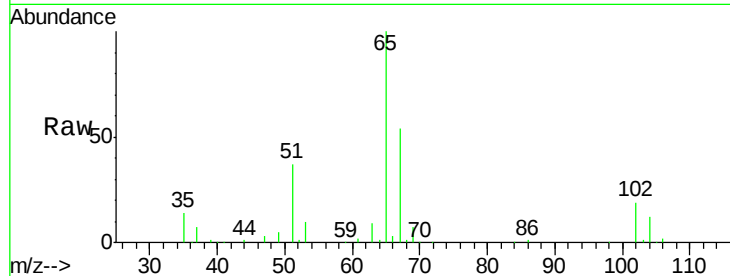
ClientSampleId :

Tot Ion: 65 Resp: 77193

Ion Ratio Lower Upper

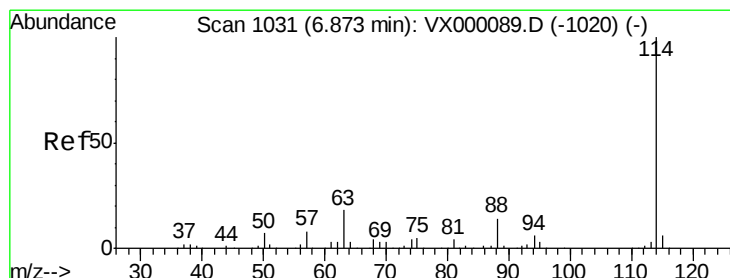
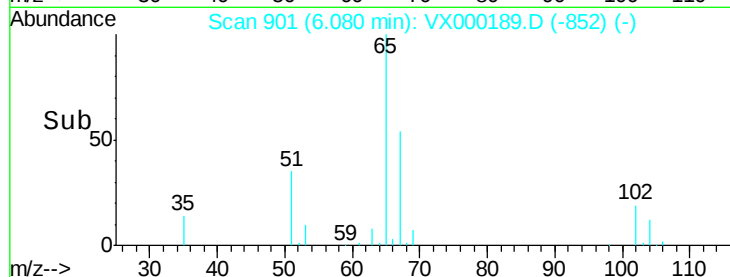
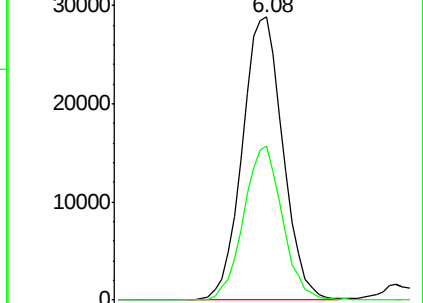
65 100

67 52.0 0.0 104.8



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# 1031

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

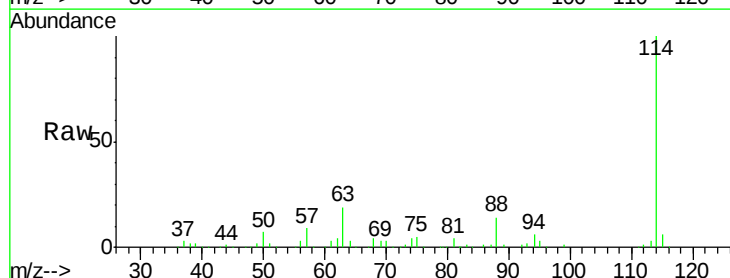
Tgt Ion: 114 Resp: 185072

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

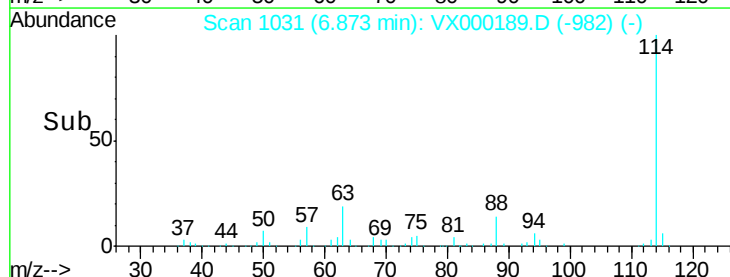
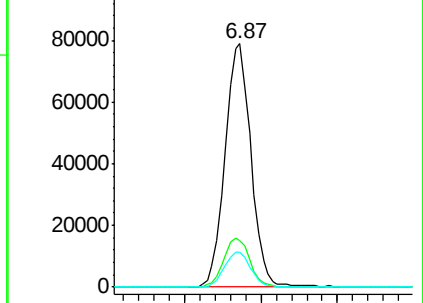
88 14.4 0.0 29.0

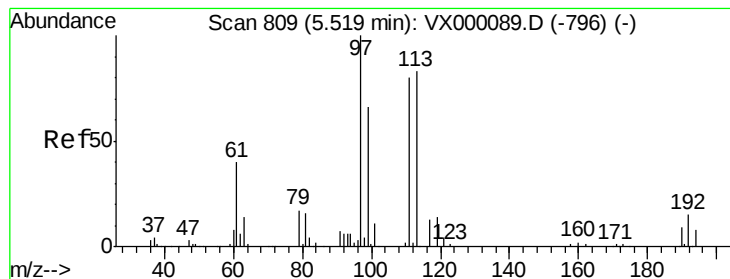


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.65 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampleId :

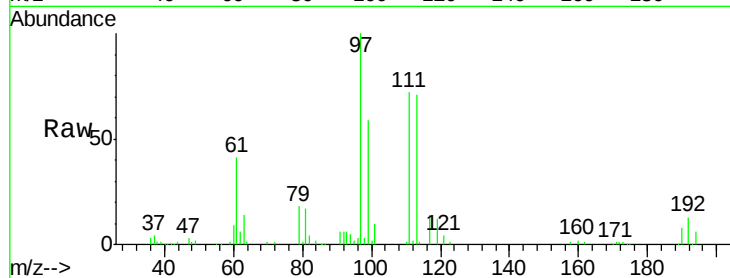
Tot Ion:113 Resp: 61498

Ion Ratio Lower Upper

113 100

111 103.2 81.0 121.6

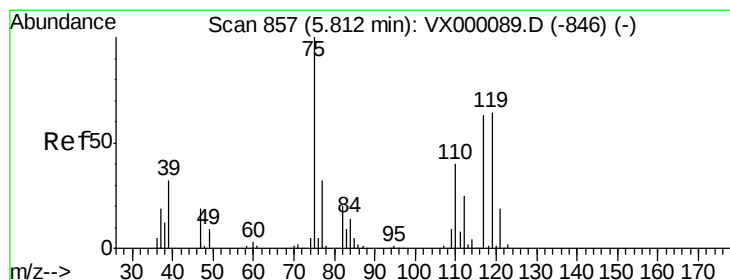
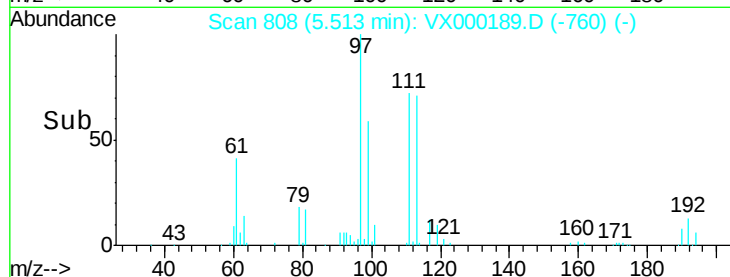
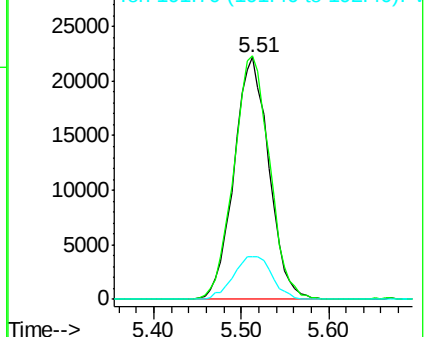
192 19.6 15.7 23.5



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: 47.16 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

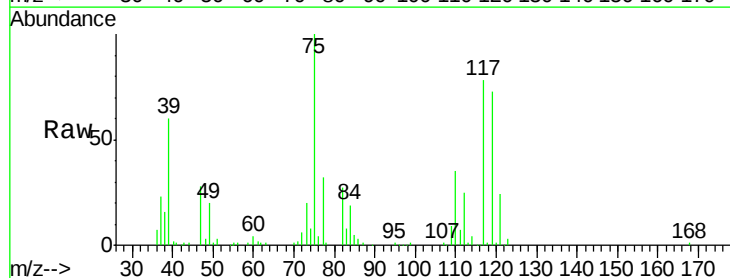
Tgt Ion: 75 Resp: 78324

Ion Ratio Lower Upper

75 100

110 35.2 19.5 58.5

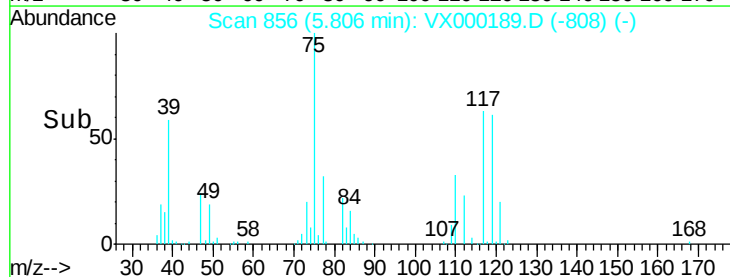
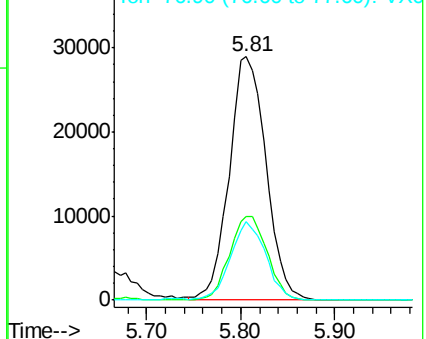
77 31.3 24.7 37.1

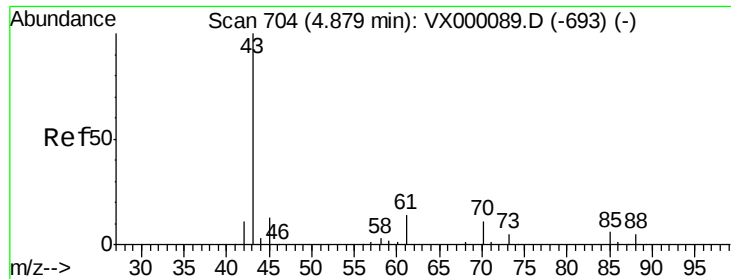


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

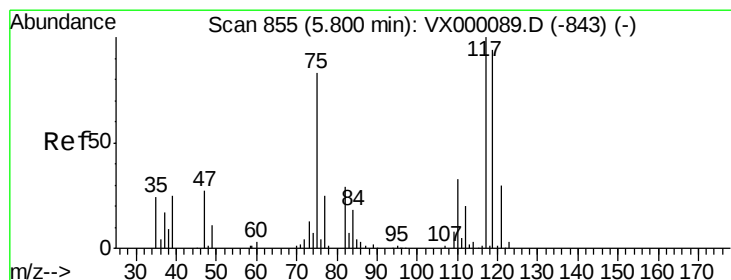
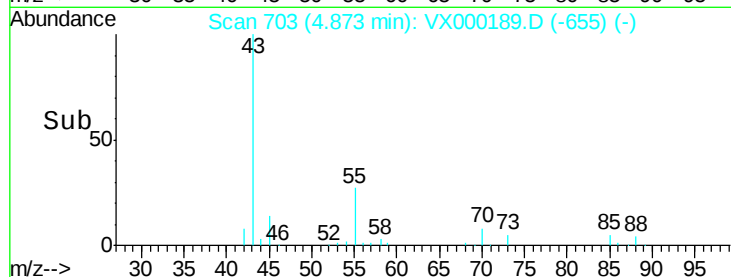
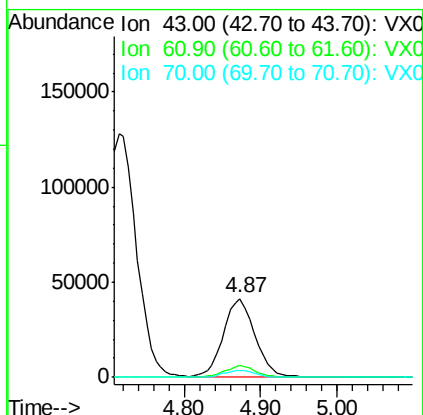
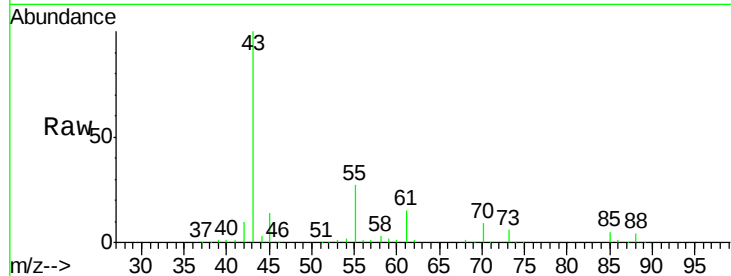




#37
Ethyl Acetate
Concen: 51.87 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

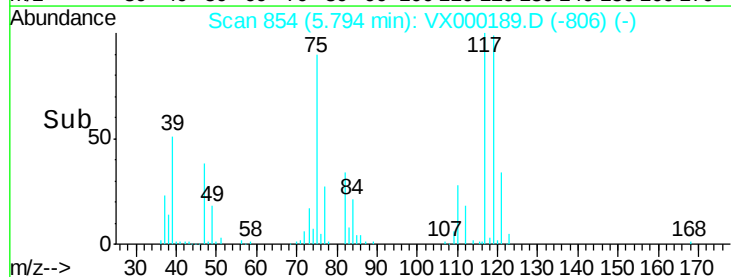
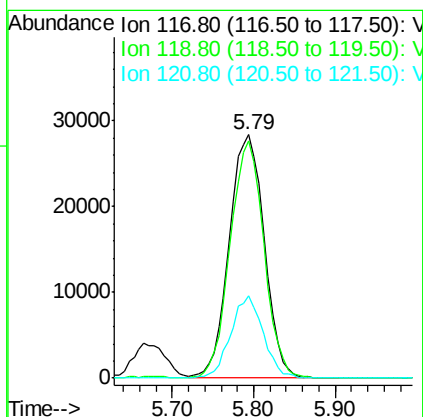
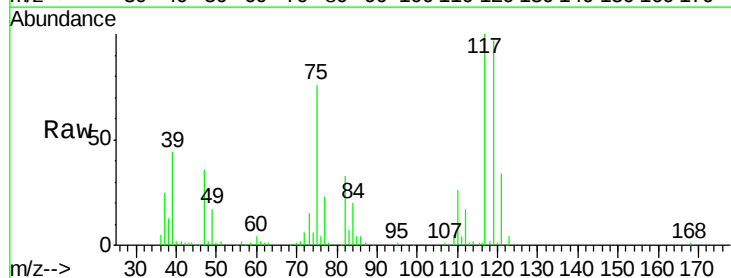
Instrument :
MSVOA_X
ClientSampleId :

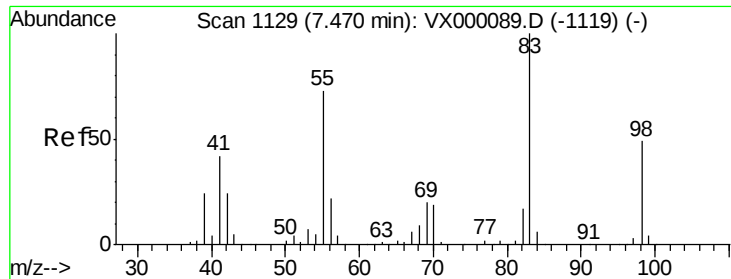
Tot Ion: 43 Resp: 118367
Ion Ratio Lower Upper
43 100
61 14.1 11.5 17.3
70 9.2 9.0 13.4



#38
Carbon Tetrachloride
Concen: 47.16 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion: 117 Resp: 84599
Ion Ratio Lower Upper
117 100
119 97.2 75.3 112.9
121 33.7 23.7 35.5

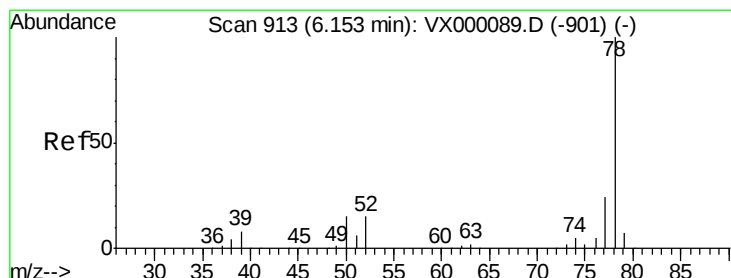
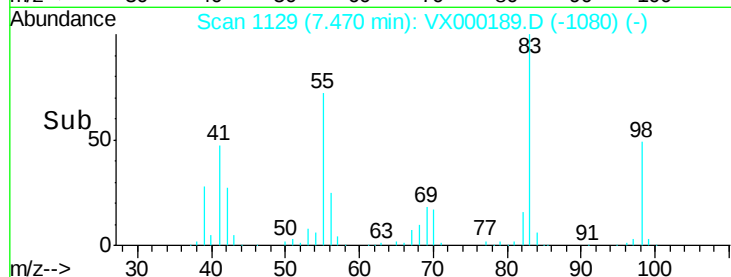
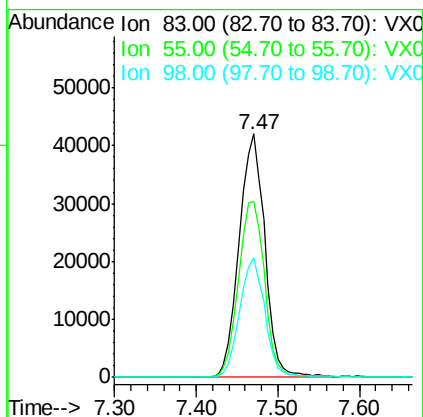
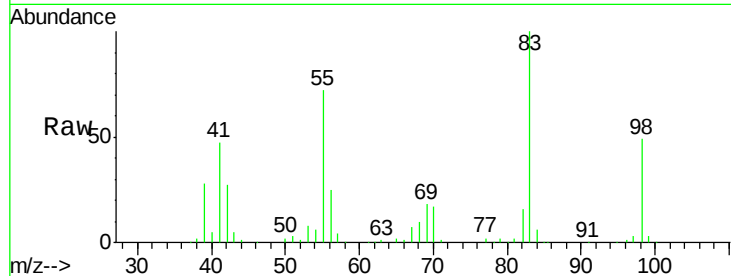




#39
Methvlcvclohexane
Concen: 45.93 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

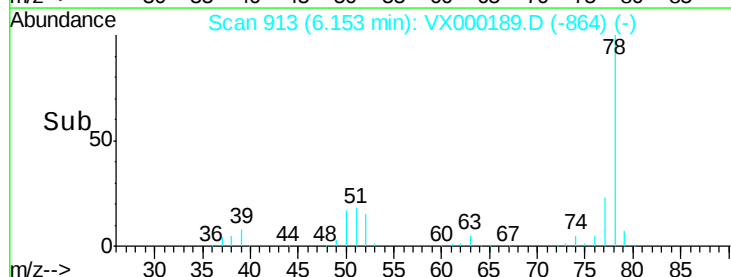
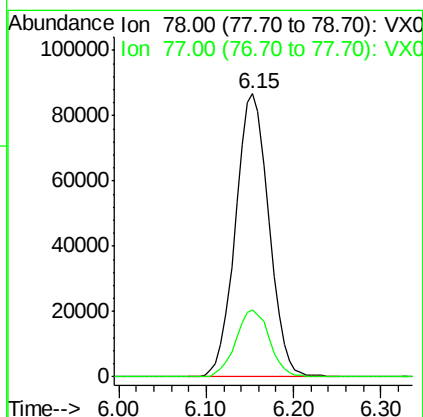
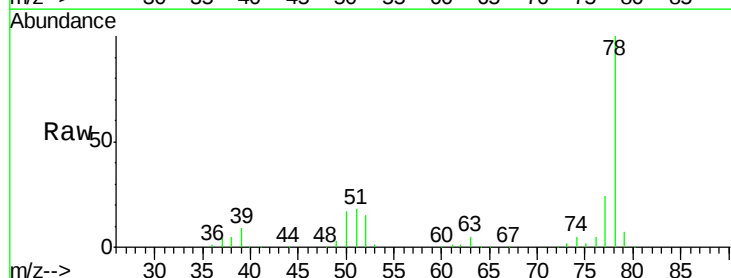
Instrument :
MSVOA_X
ClientSampled :

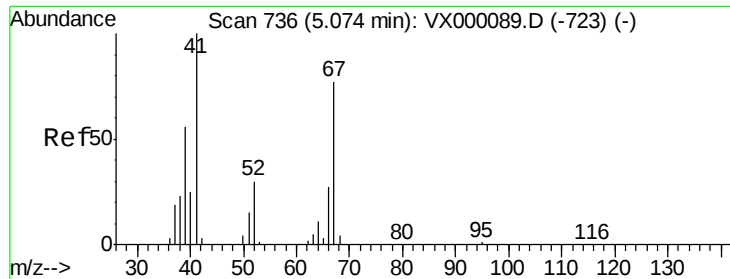
Tot Ion: 83 Resp: 91845
Ion Ratio Lower Upper
83 100
55 72.3 58.2 87.2
98 49.3 39.0 58.6



#40
Benzene
Concen: 48.59 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion: 78 Resp: 230583
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0

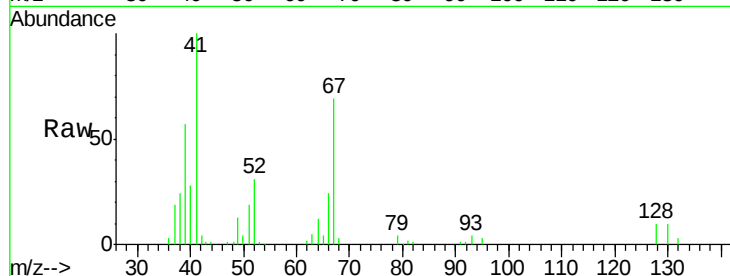




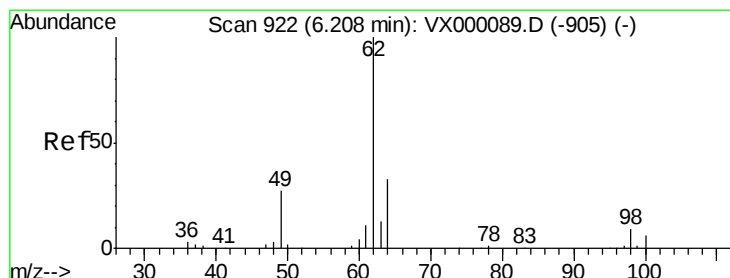
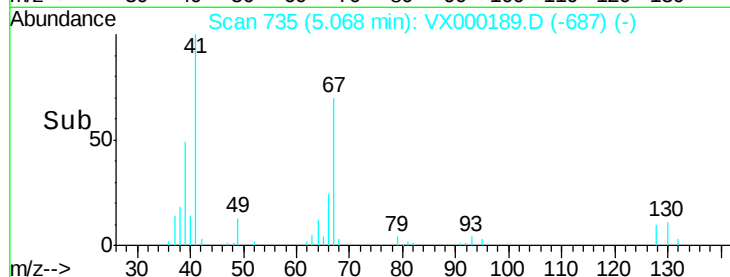
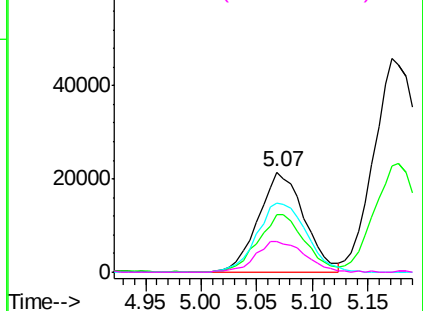
#41
Methacrylonitrile
Concen: 56.32 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	61606
Ion	Ratio	Lower	Upper
41	100		
39	58.0	45.1	67.7
67	74.9	61.0	91.4
52	33.4	25.8	38.6

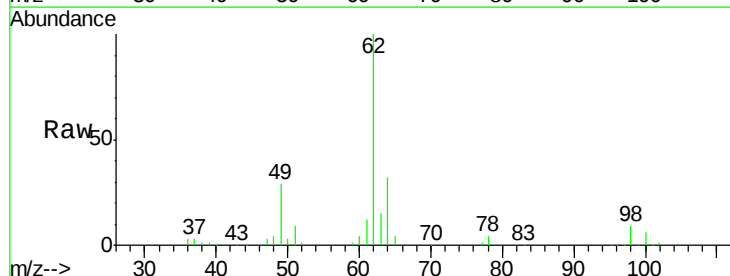


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

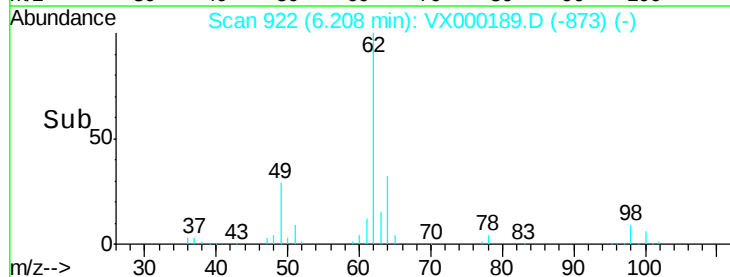
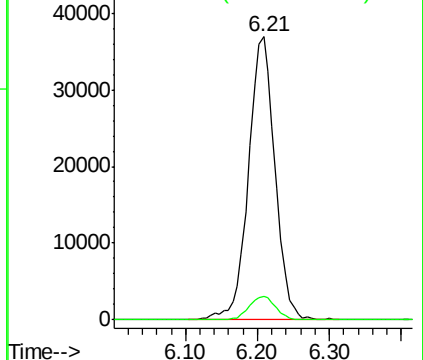


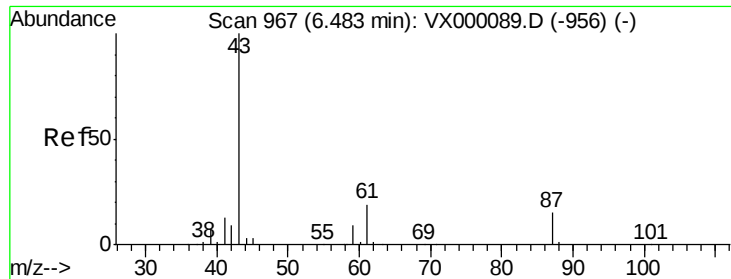
#42
1,2-Dichloroethane
Concen: 54.21 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion:	62	Resp:	94386
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.8



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



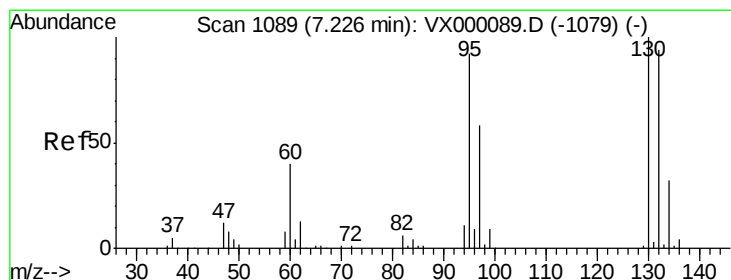
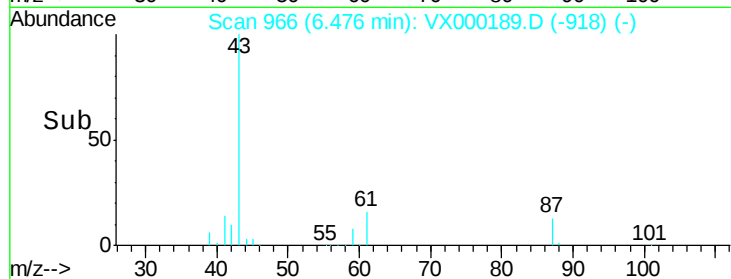
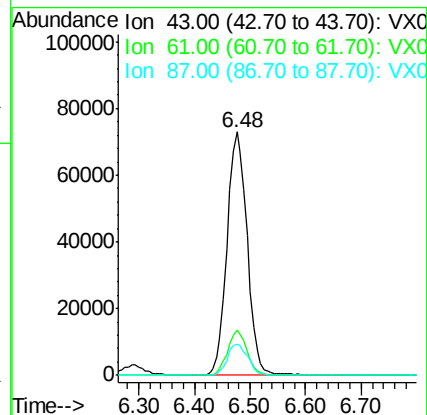
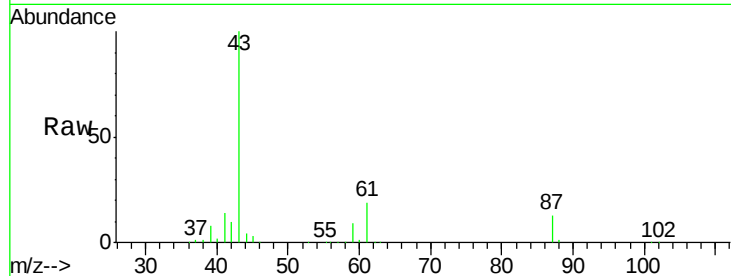


#43

Isopropyl Acetate
 Concen: 55.43 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Instrument :
 MSVOA_X
 ClientSampleId :

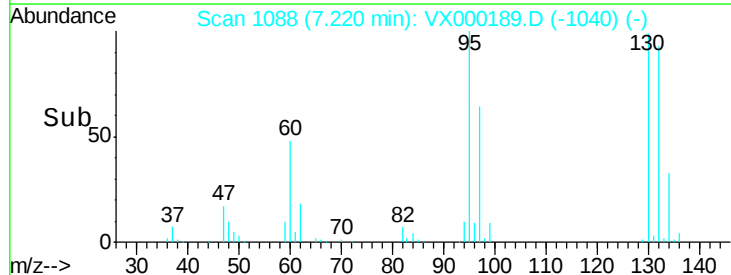
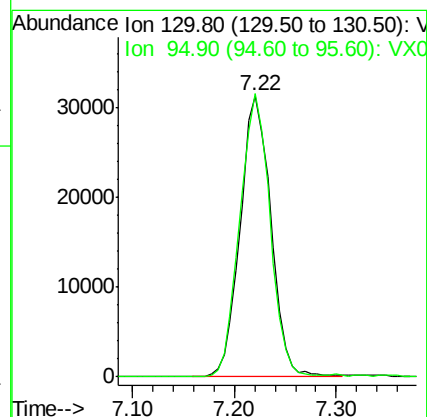
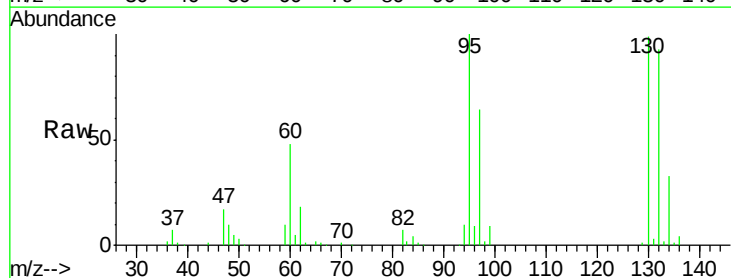
Tot Ion: 43 Resp: 182390
 Ion Ratio Lower Upper
 43 100
 61 17.9 15.6 23.4
 87 13.2 11.7 17.5

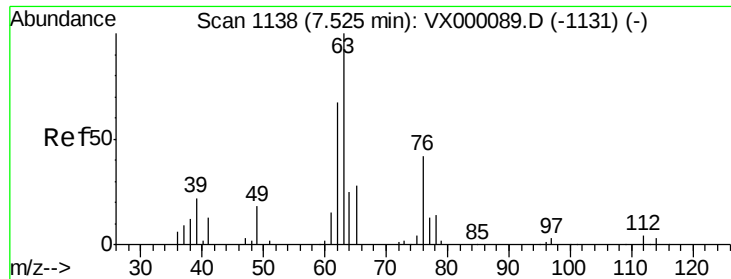


#44

Trichloroethene
 Concen: 46.87 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion:130 Resp: 65497
 Ion Ratio Lower Upper
 130 100
 95 100.6 0.0 183.4

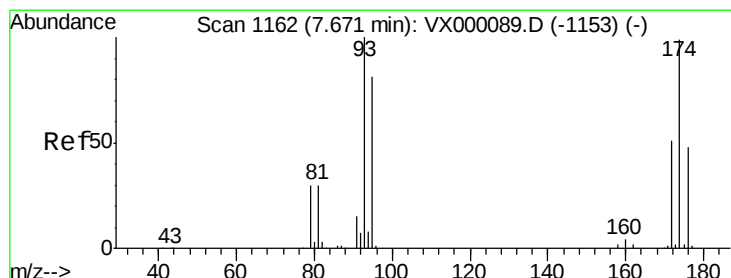
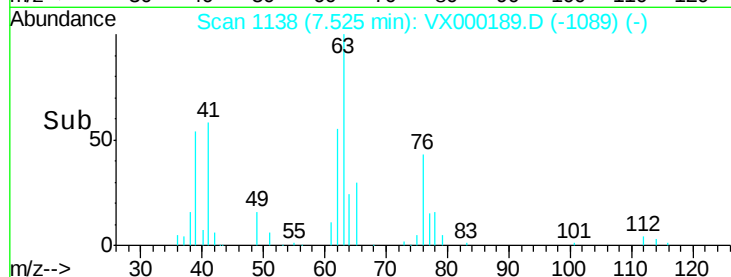
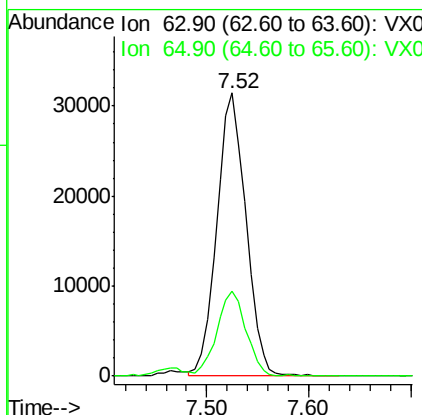
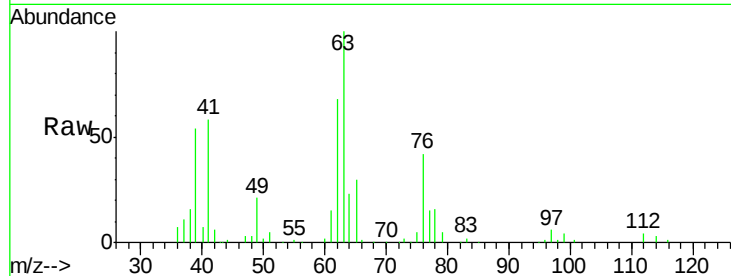




#45
 1,2-Dichloropropane
 Concen: 53.93 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

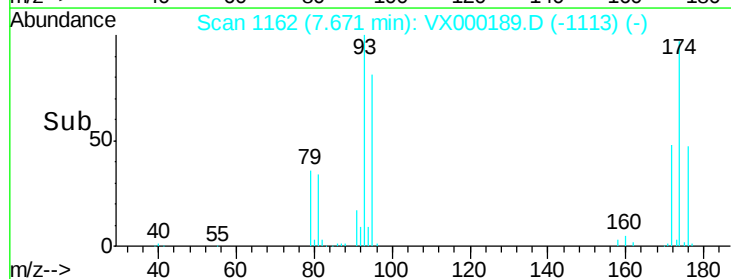
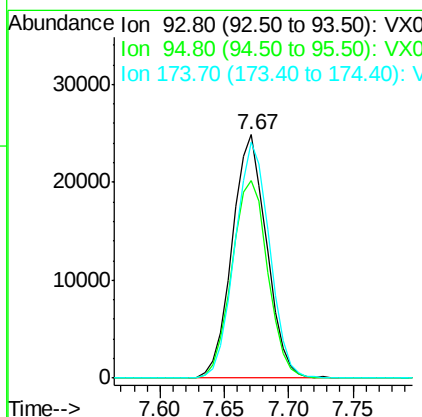
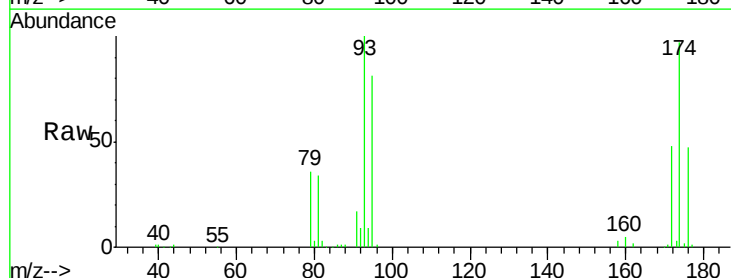
Instrument :
 MSVOA_X
 ClientSampleId :

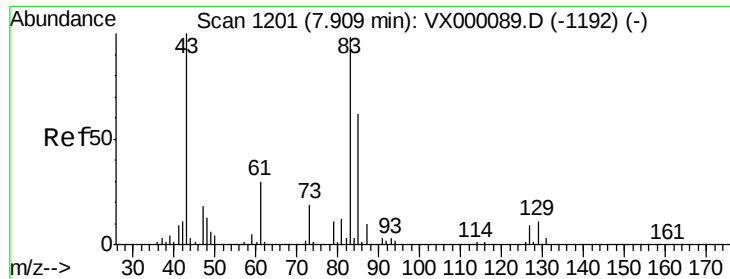
Tot Ion: 63 Resp: 62720
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.8 35.8



#46
 Dibromomethane
 Concen: 50.97 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion: 93 Resp: 46250
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.0 97.6
 174 97.2 83.1 124.7





#47

Bromodichloromethane

Concen: 55.12 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampleId :

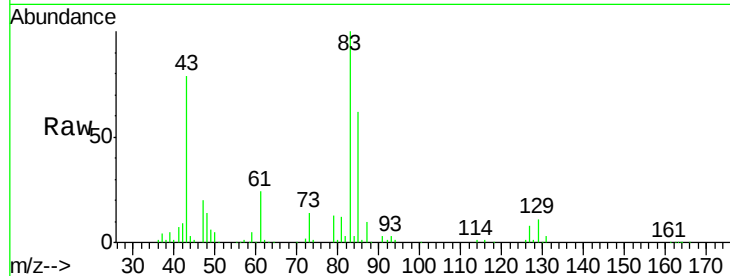
Tot Ion: 83 Resp: 92387

Ion Ratio Lower Upper

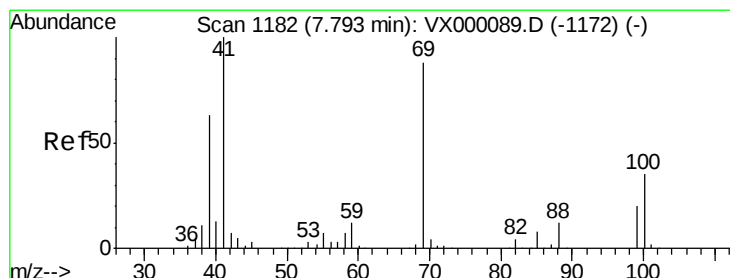
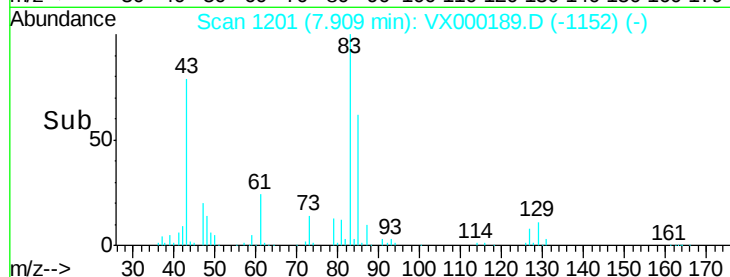
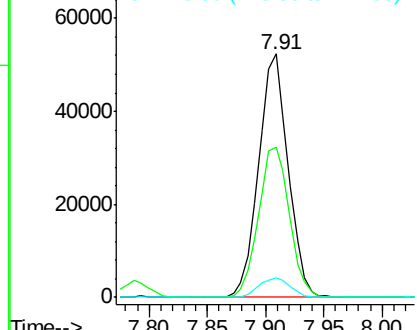
83 100

85 61.6 50.4 75.6

127 7.9 7.2 10.8



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: 54.02 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

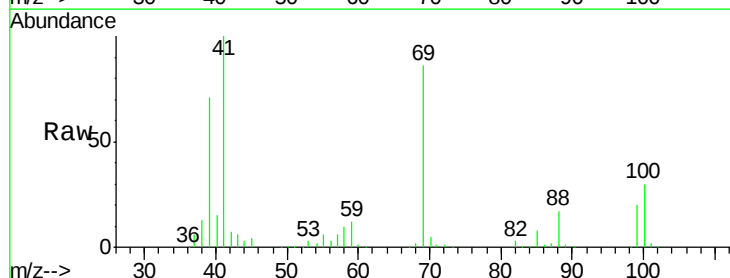
Tgt Ion: 41 Resp: 87136

Ion Ratio Lower Upper

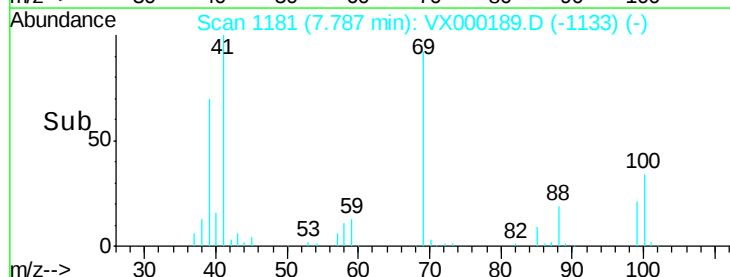
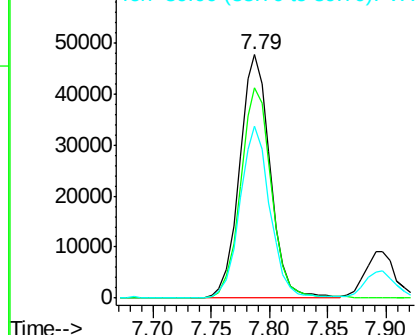
41 100

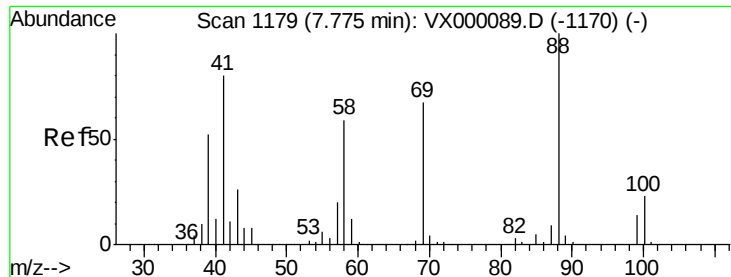
69 87.1 70.2 105.4

39 69.0 51.0 76.6



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

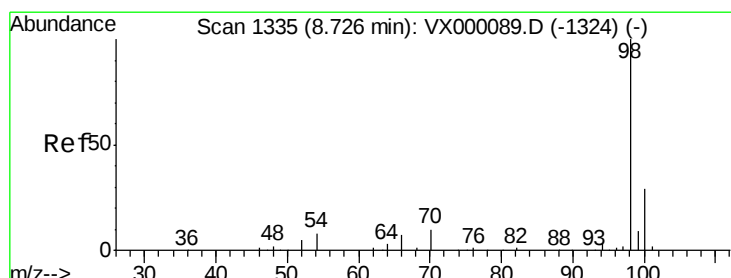
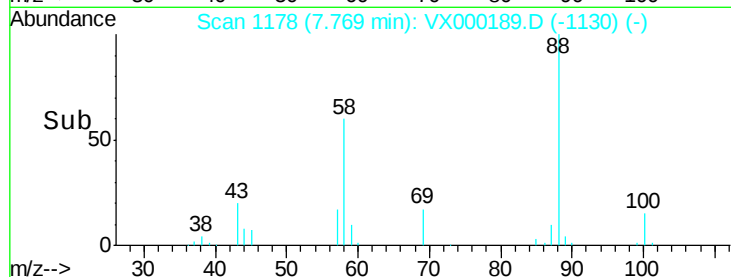
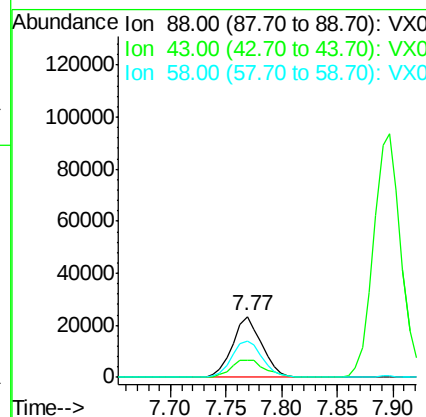
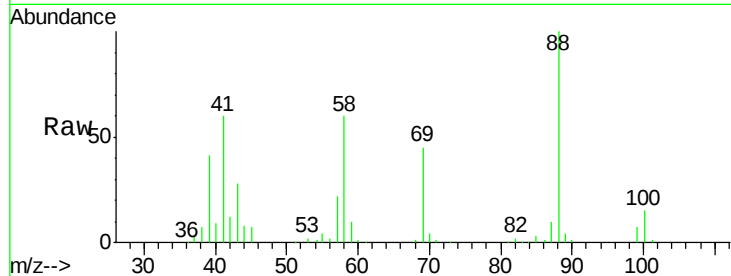




#49
1,4-Dioxane
Concen: 1001.67 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

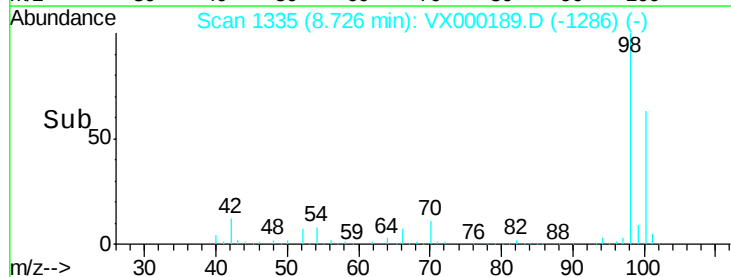
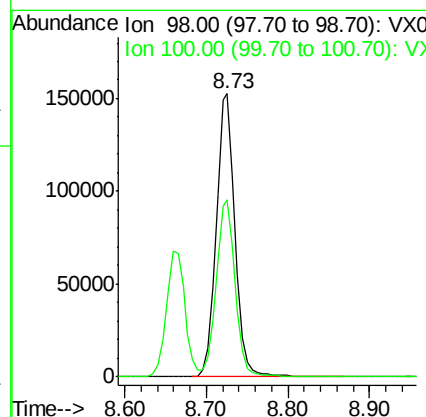
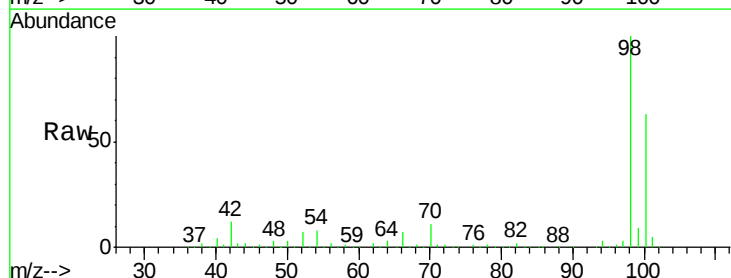
Instrument :
MSVOA_X
ClientSampleId :

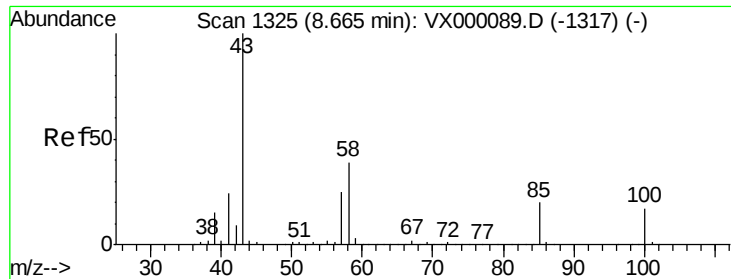
Tot Ion: 88 Resp: 42362
Ion Ratio Lower Upper
88 100
43 34.5 24.1 36.1
58 63.9 49.0 73.6



#50
Toluene-d8
Concen: 53.54 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion: 98 Resp: 246702
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 304.40 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

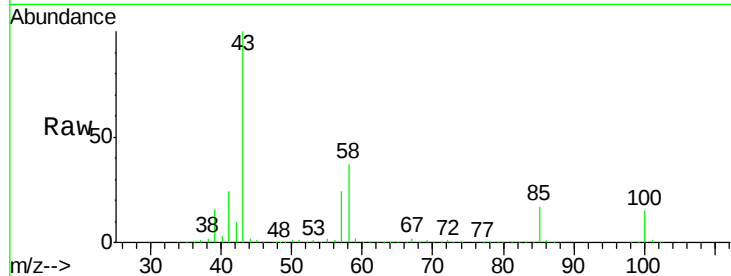
ClientSampled :

Tot Ion: 43 Resp: 732134

Ion Ratio Lower Upper

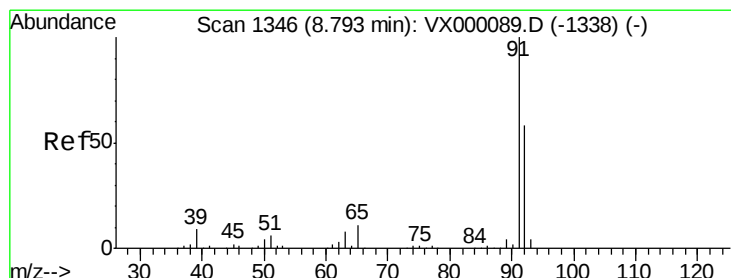
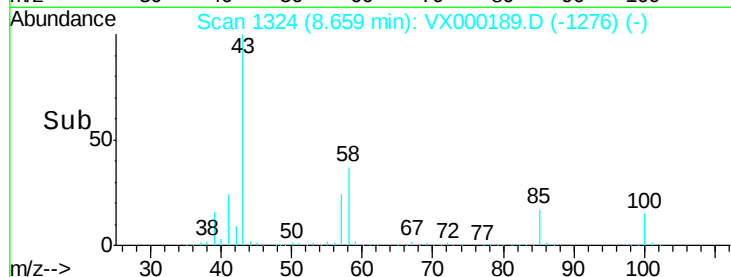
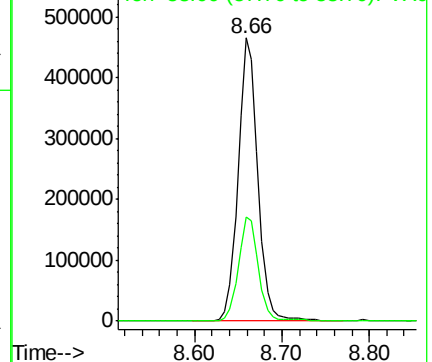
43 100

58 37.7 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.27 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000189.D

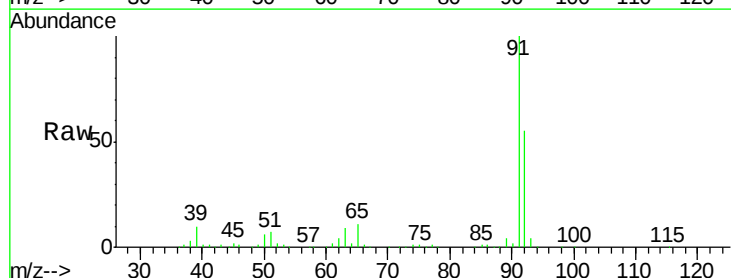
Acq: 02 Mar 2018 09:48

Tgt Ion: 92 Resp: 162522

Ion Ratio Lower Upper

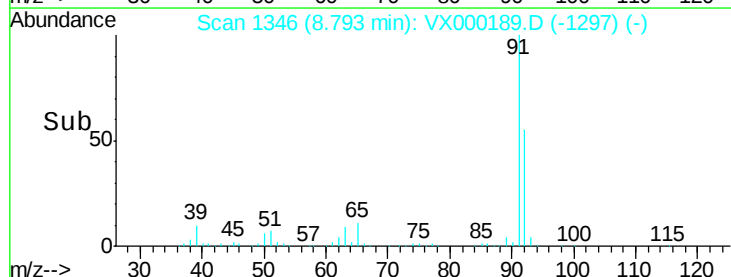
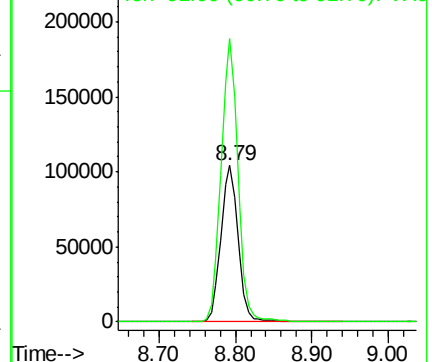
92 100

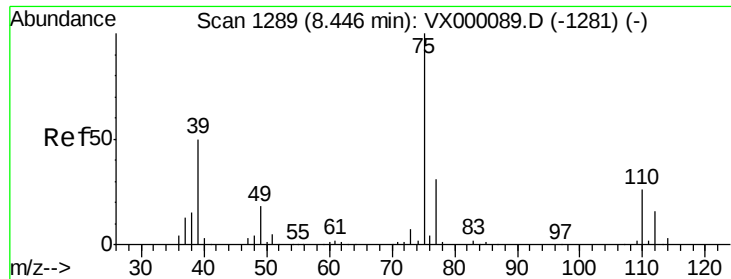
91 177.7 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 52.75 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

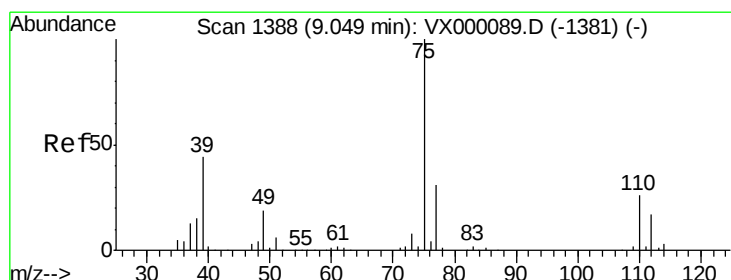
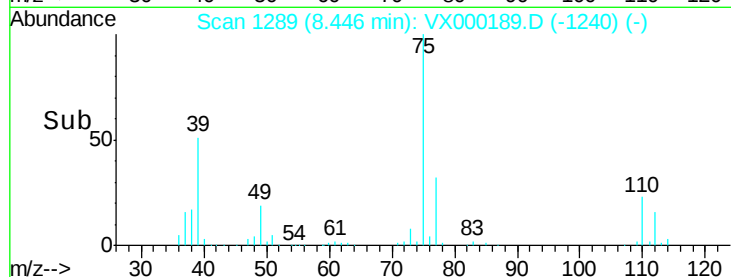
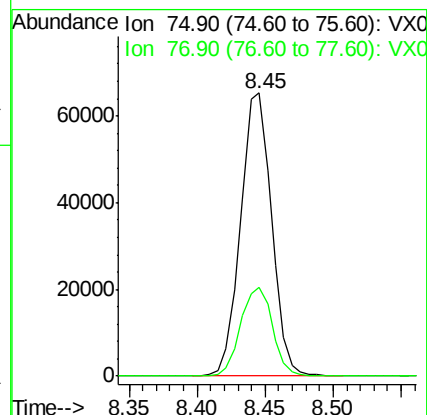
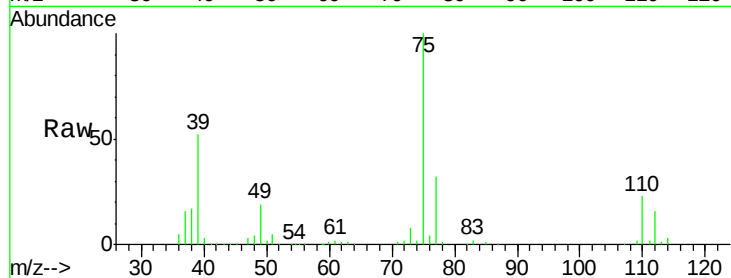
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 103963

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 54.51 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

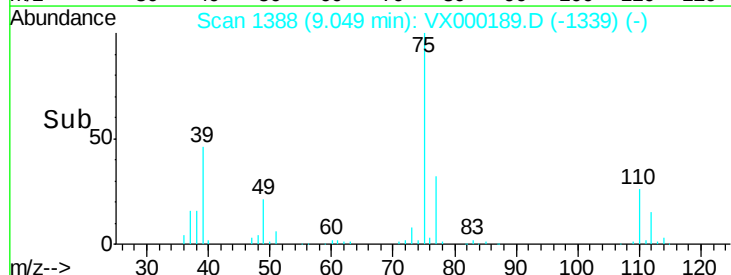
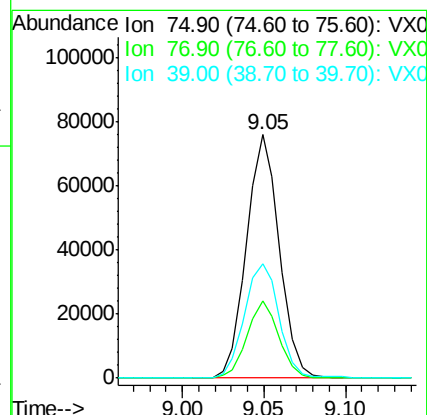
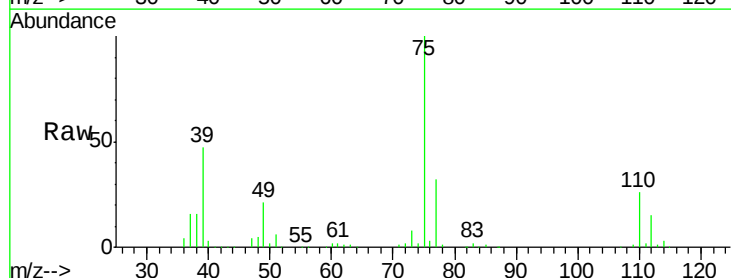
Tgt Ion: 75 Resp: 106674

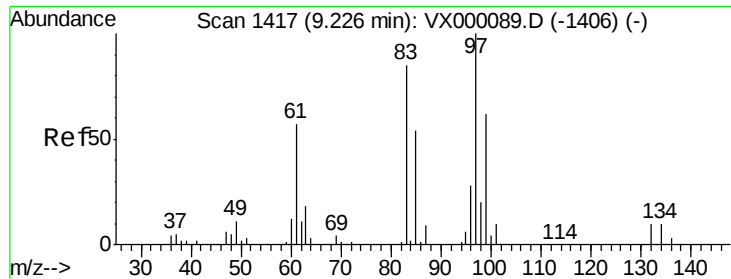
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

39 46.7 35.4 53.0



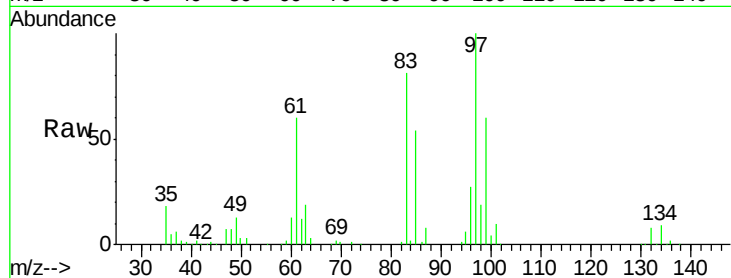


#55
 1,1,2-Trichloroethane
 Concen: 55.18 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 72339

Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.6	101.4
85	53.8	42.9	64.3
99	60.2	49.8	74.6

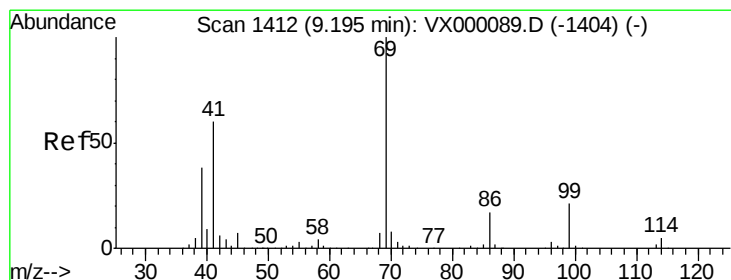
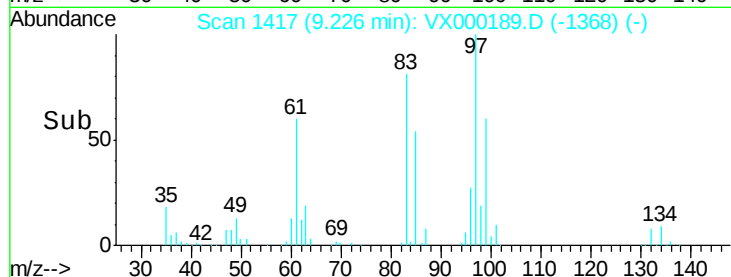
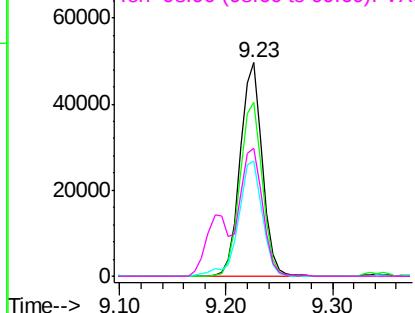


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

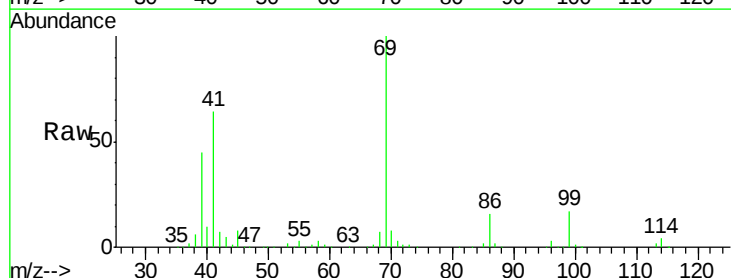
Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 56.47 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion: 69 Resp: 113610

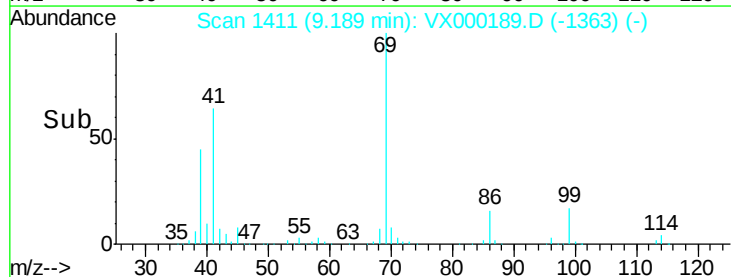
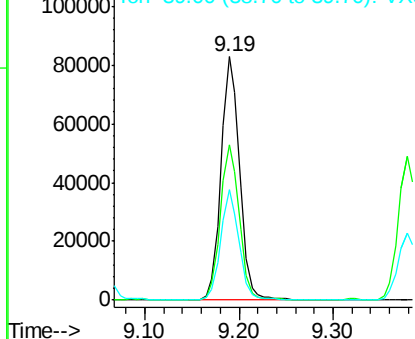
Ion	Ratio	Lower	Upper
69	100		
41	65.2	49.4	74.0
39	44.3	31.3	46.9

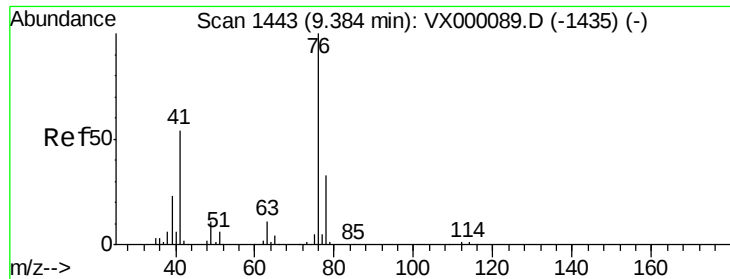


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

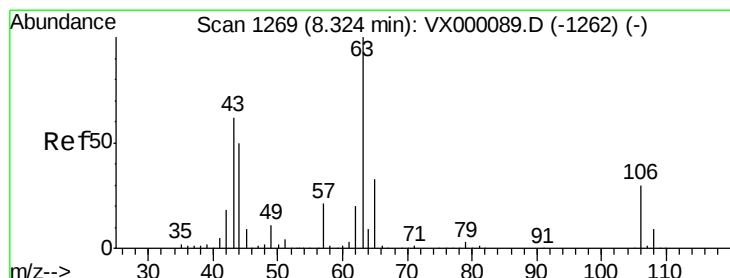
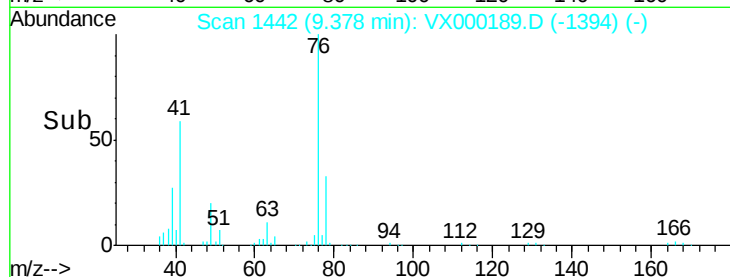
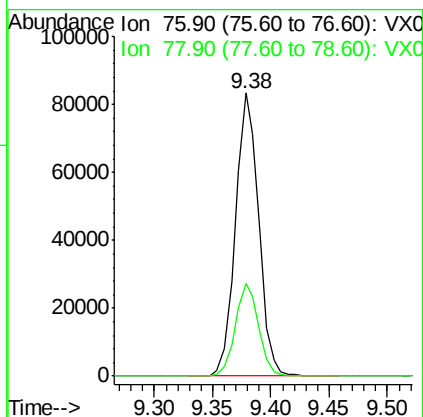
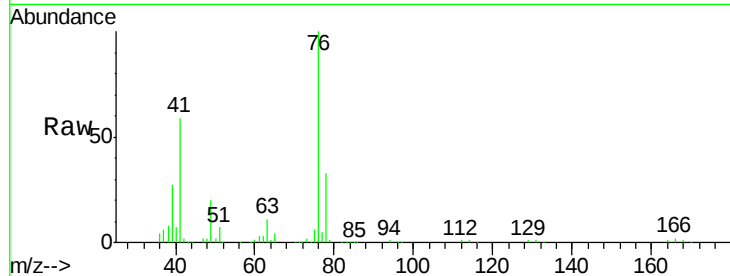




#57
 1,3-Dichloropropane
 Concen: 55.68 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

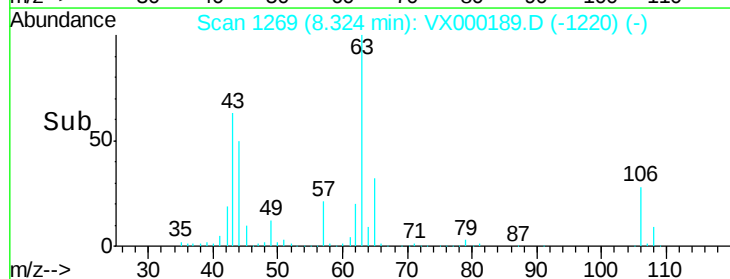
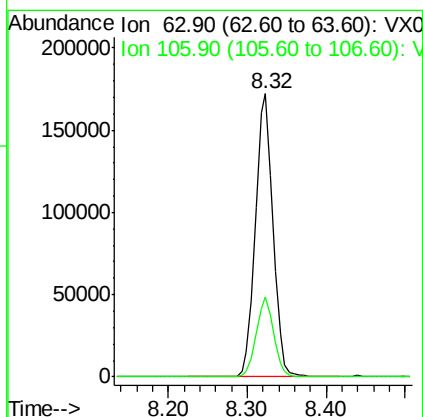
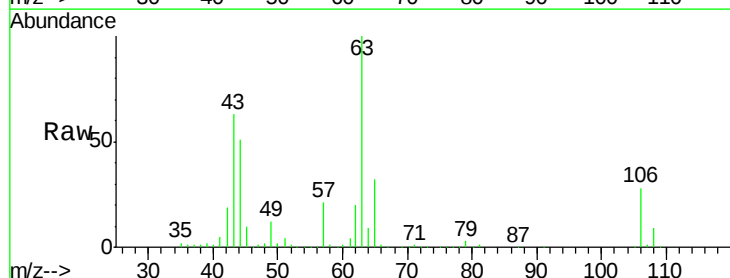
Instrument :
 MSVOA_X
 ClientSampleId :

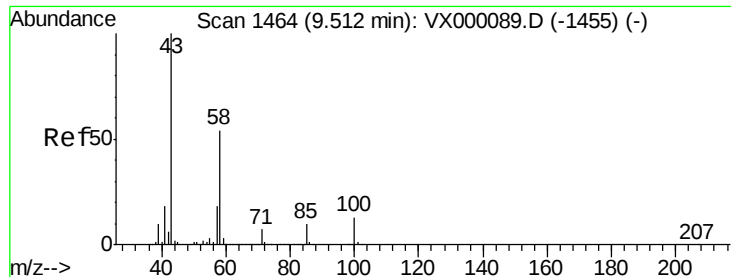
Tot Ion: 76 Resp: 115944
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.98 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion: 63 Resp: 267406
 Ion Ratio Lower Upper
 63 100
 106 28.0 24.6 37.0

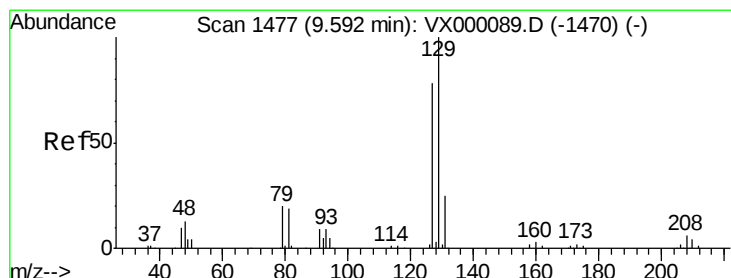
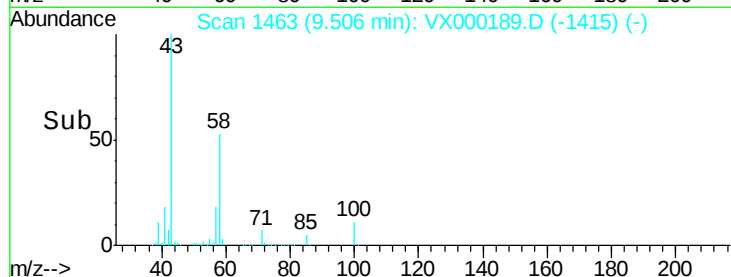
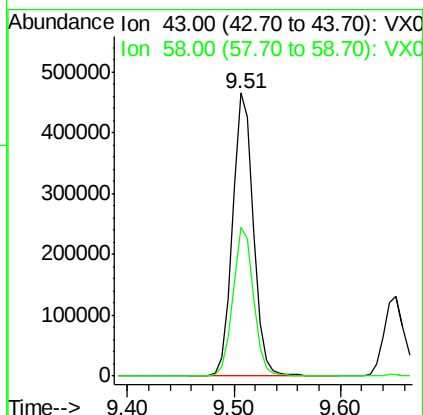
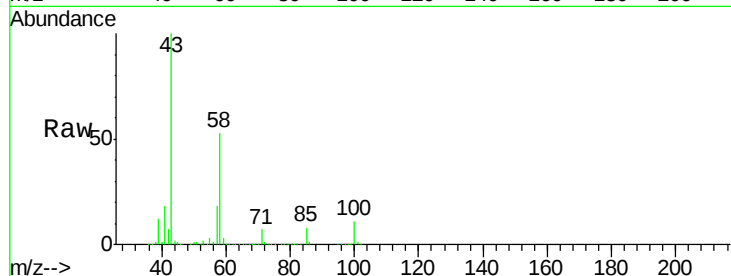




#59
2-Hexanone
Concen: 313.55 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

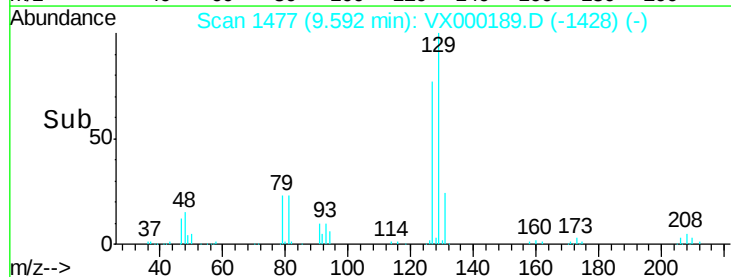
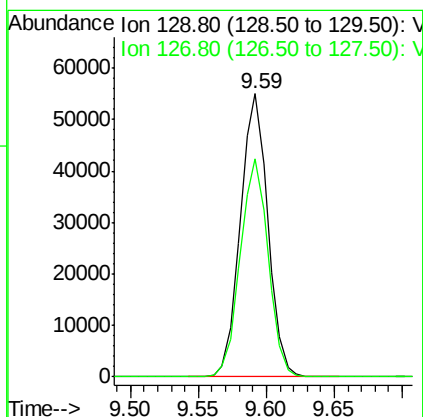
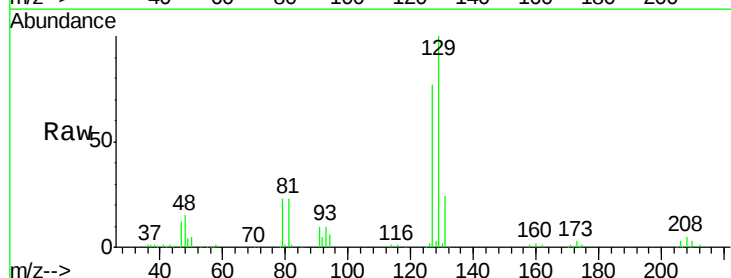
Instrument :
MSVOA_X
ClientSampleId :

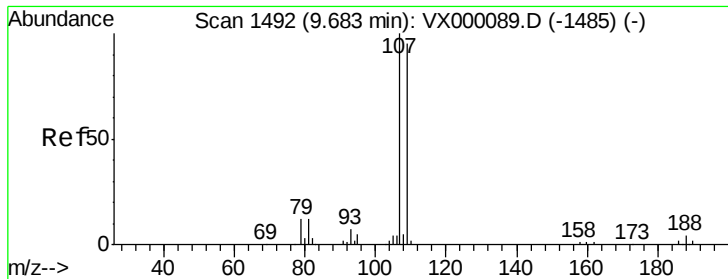
Tot Ion: 43 Resp: 638524
Ion Ratio Lower Upper
43 100
58 52.3 27.1 81.3



#60
Dibromochloromethane
Concen: 52.20 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion:129 Resp: 77507
Ion Ratio Lower Upper
129 100
127 78.2 37.6 112.9





#61

1,2-Dibromoethane

Concen: 53.93 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

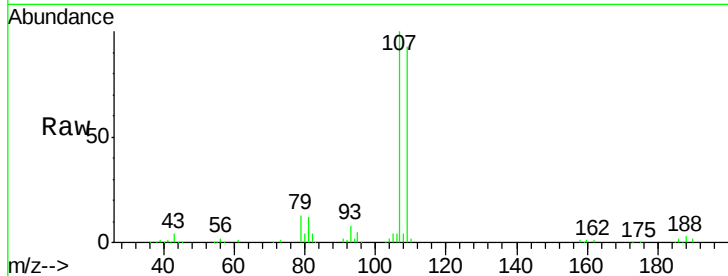
ClientSampleId :

Tot Ion:107 Resp: 78457

Ion Ratio Lower Upper

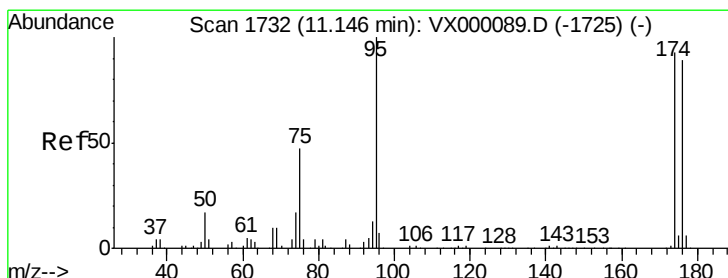
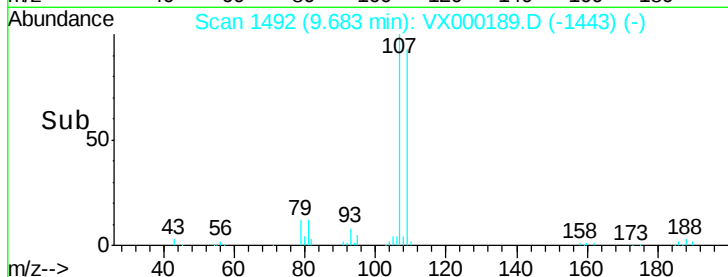
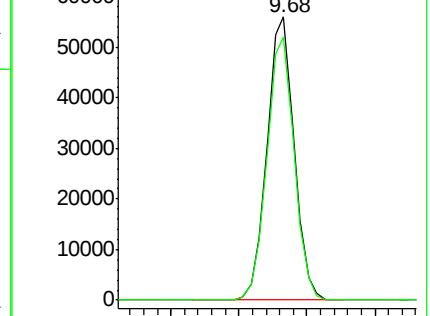
107 100

109 93.8 76.4 114.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.81 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

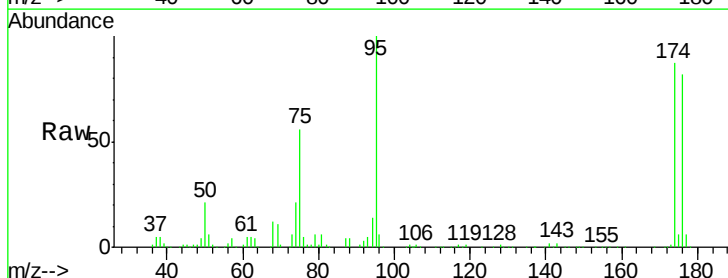
Tgt Ion: 95 Resp: 102646

Ion Ratio Lower Upper

95 100

174 84.2 0.0 187.8

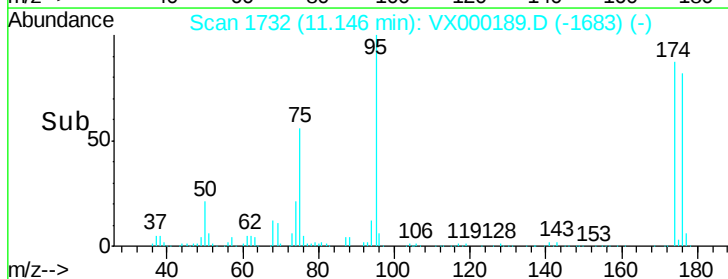
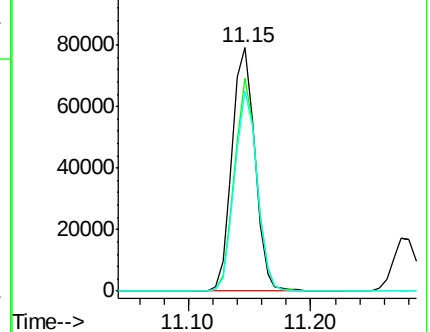
176 80.7 0.0 181.2

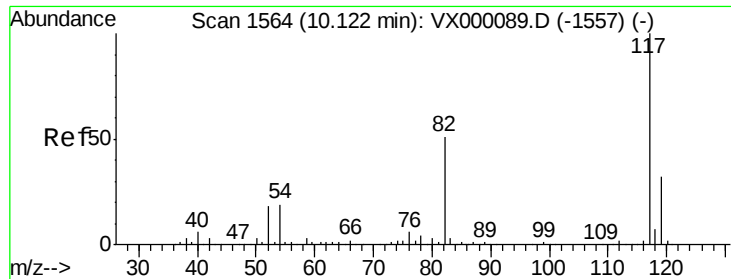


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

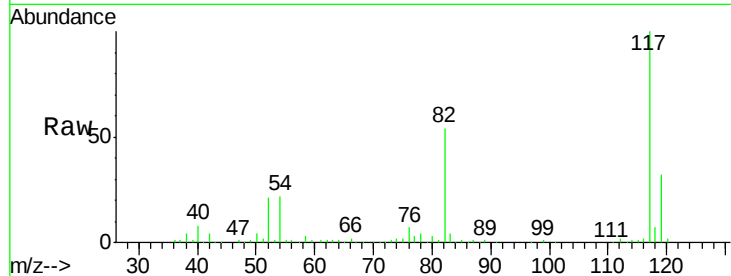




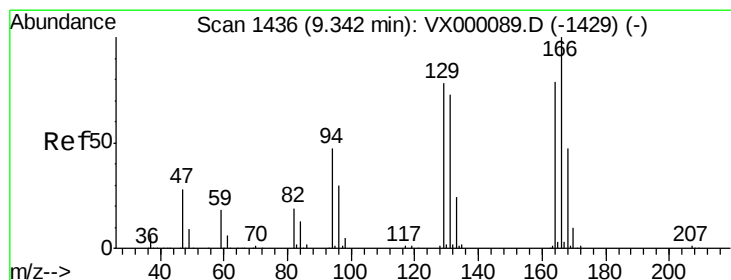
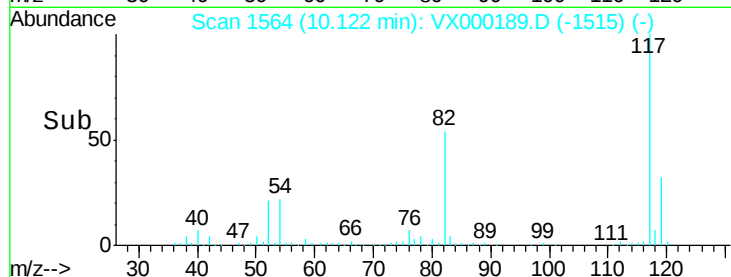
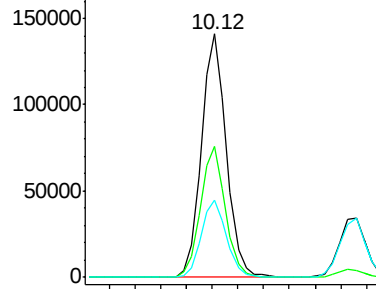
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 190569
Ion Ratio Lower Upper
117 100
82 54.0 41.0 61.6
119 31.8 25.5 38.3

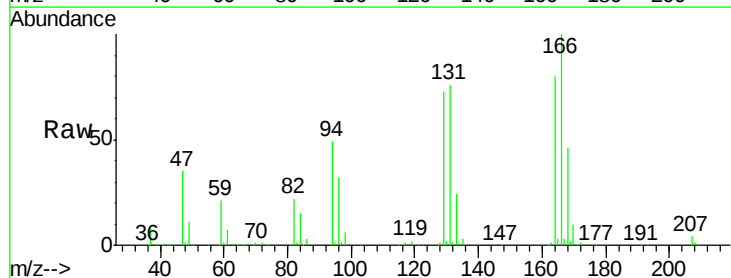


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

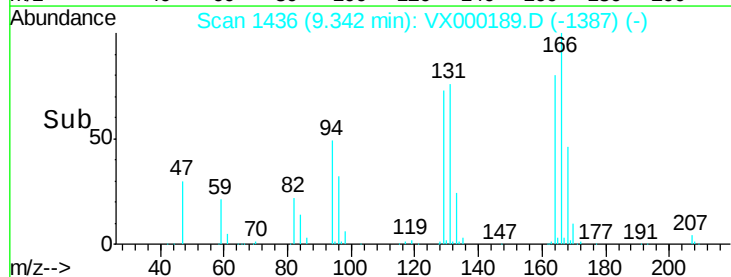
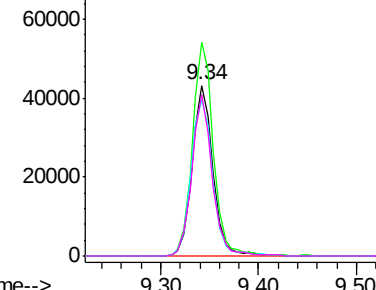


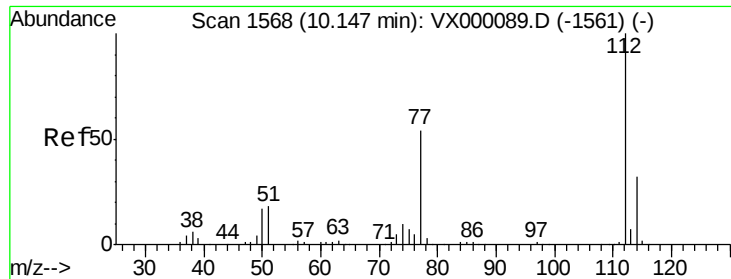
#64
Tetrachloroethene
Concen: 45.94 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion:164 Resp: 63749
Ion Ratio Lower Upper
164 100
166 125.0 101.4 152.2
129 91.8 78.6 118.0
131 94.6 73.8 110.6



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

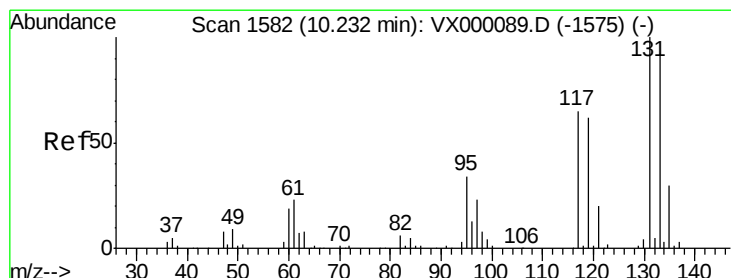
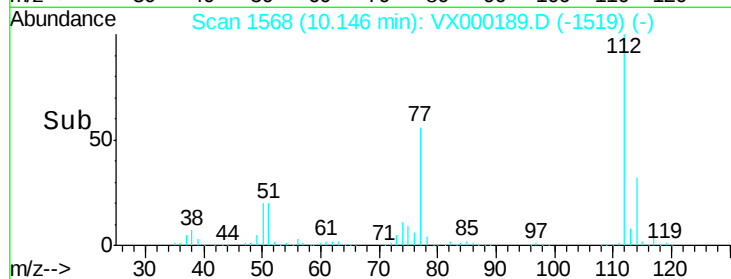
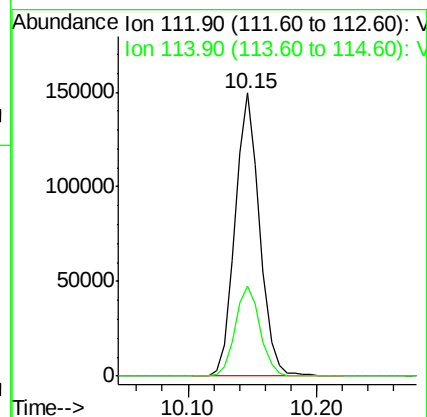
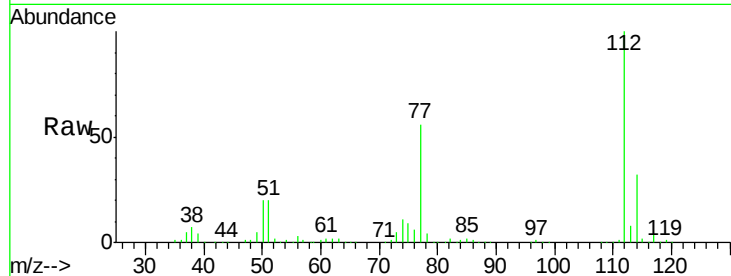




#65
Chlorobenzene
Concen: 49.55 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

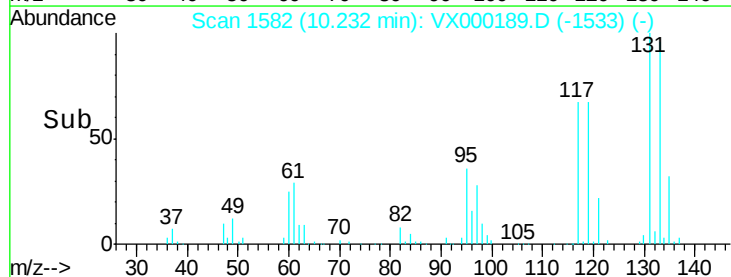
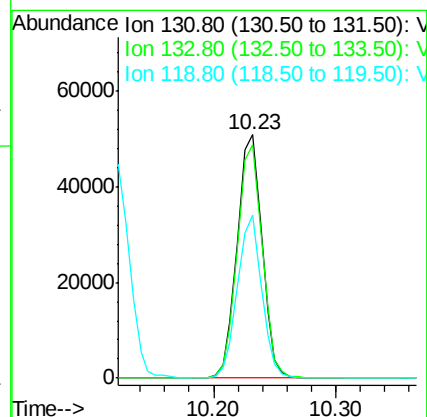
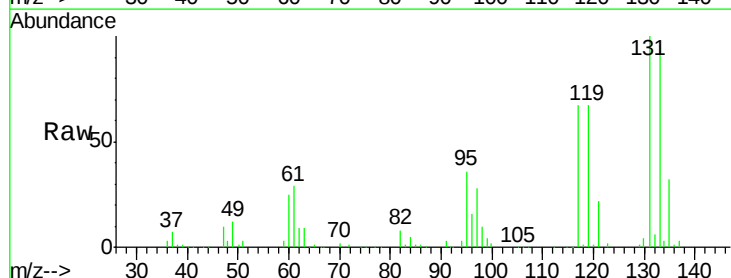
Instrument :
MSVOA_X
ClientSampleId :

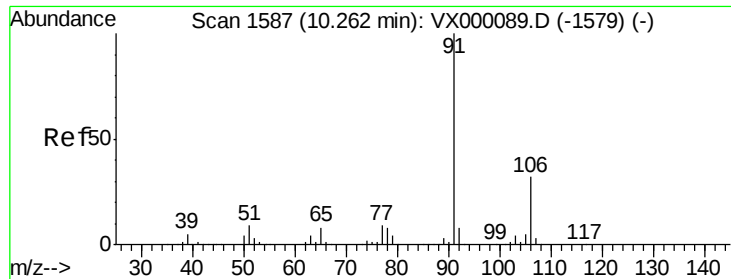
Tot Ion:112 Resp: 199351
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.74 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion:131 Resp: 71426
Ion Ratio Lower Upper
131 100
133 96.4 47.4 142.3
119 65.5 31.7 95.1

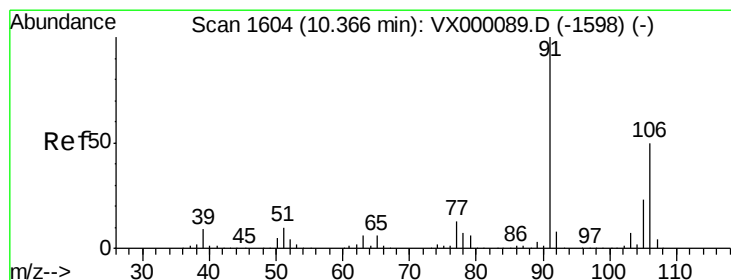
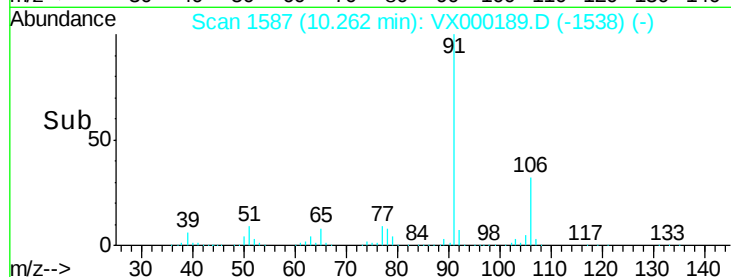
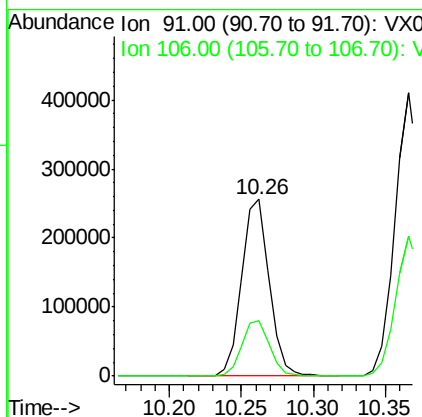
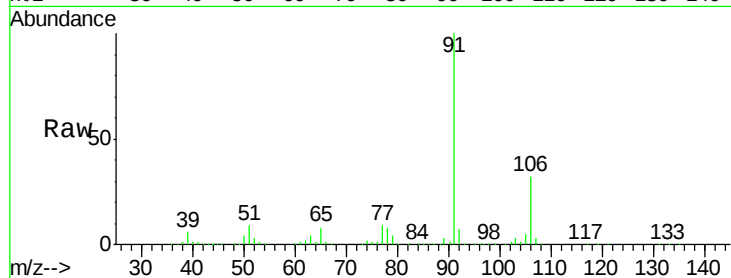




#67
Ethyl Benzene
Concen: 50.48 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

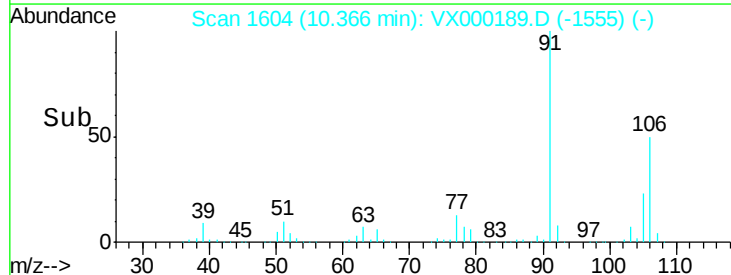
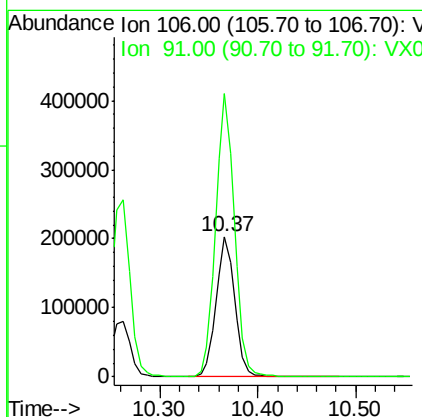
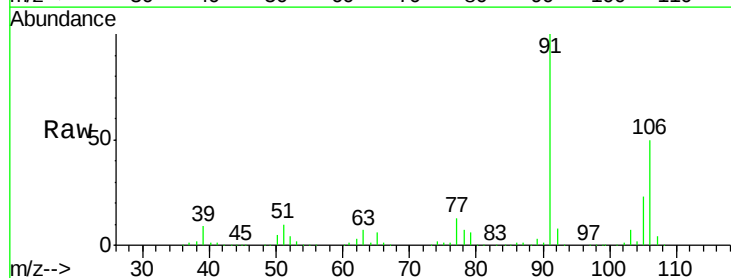
Instrument :
MSVOA_X
ClientSampled :

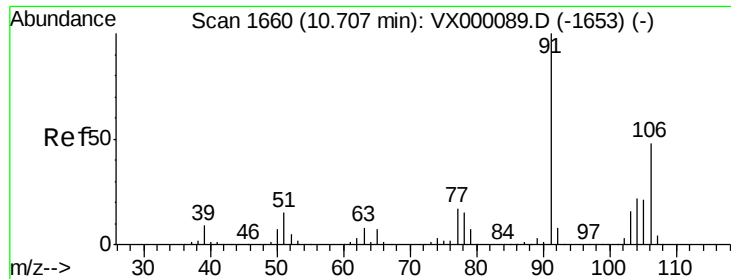
Tot Ion: 91 Resp: 340924
Ion Ratio Lower Upper
91 100
106 31.5 25.8 38.6



#68
m/p-Xylenes
Concen: 101.05 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion: 106 Resp: 270241
Ion Ratio Lower Upper
106 100
91 203.3 159.1 238.7

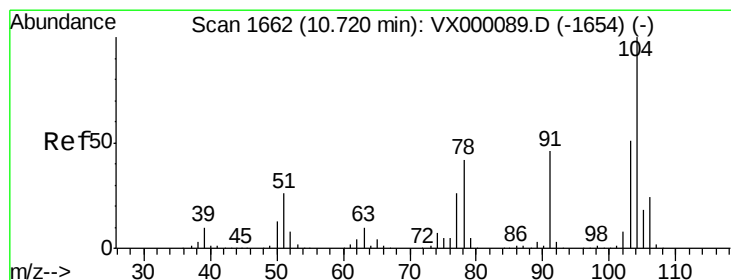
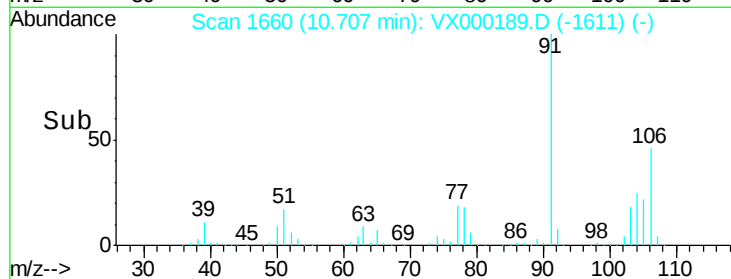
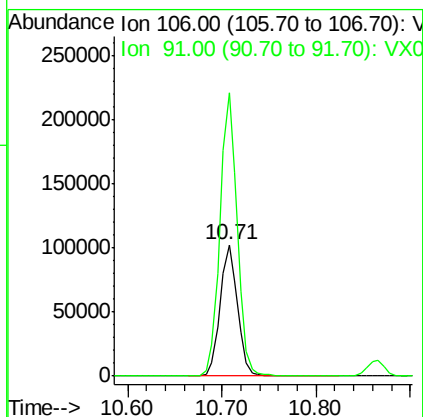
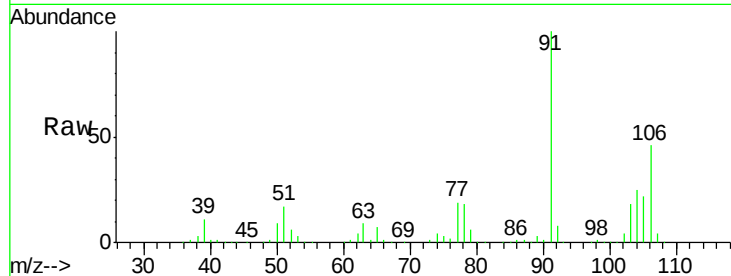




#69
o-Xylene
Concen: 51.07 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

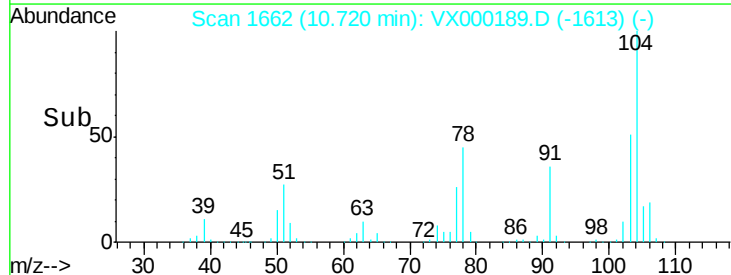
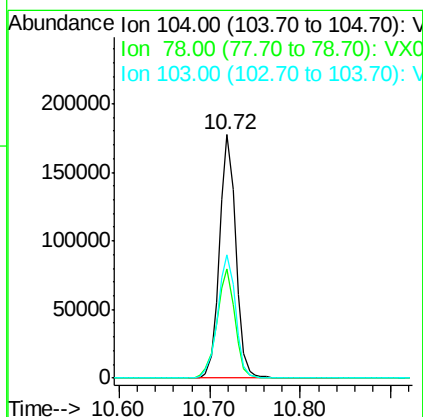
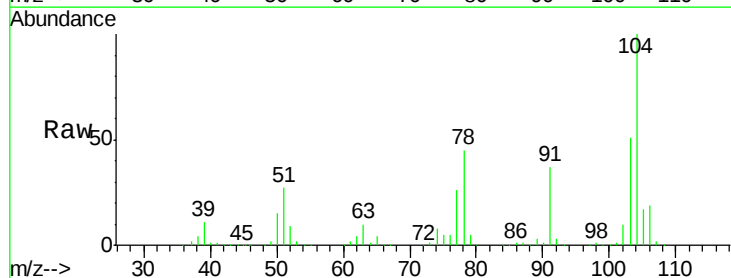
Instrument :
MSVOA_X
ClientSampled :

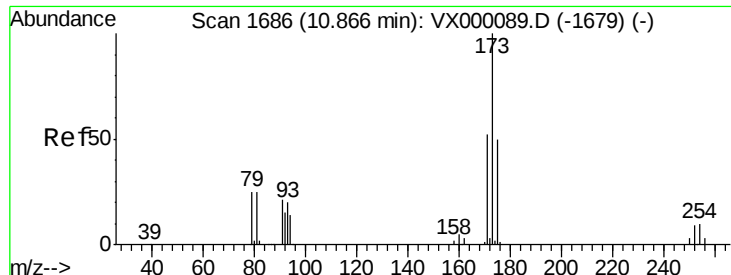
Tot Ion:106 Resp: 131728
Ion Ratio Lower Upper
106 100
91 212.1 103.8 311.6



#70
Styrene
Concen: 52.93 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion:104 Resp: 223212
Ion Ratio Lower Upper
104 100
78 49.7 38.2 57.4
103 55.9 44.2 66.4





#71

Bromoform

Concen: 49.54 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampleId :

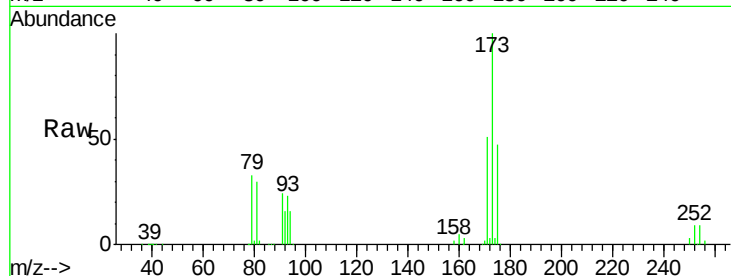
Tot Ion:173 Resp: 63343

Ion Ratio Lower Upper

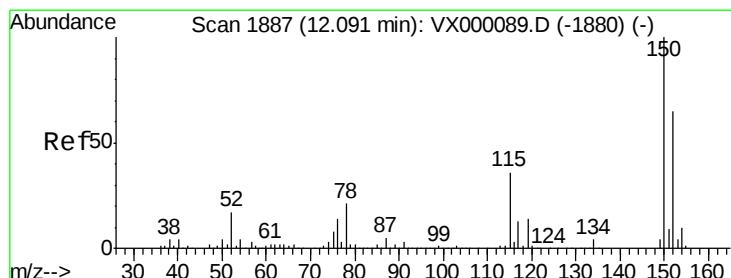
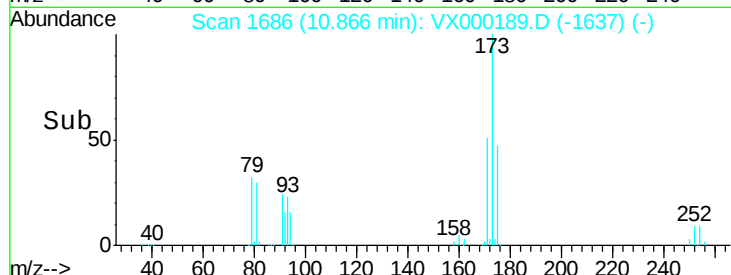
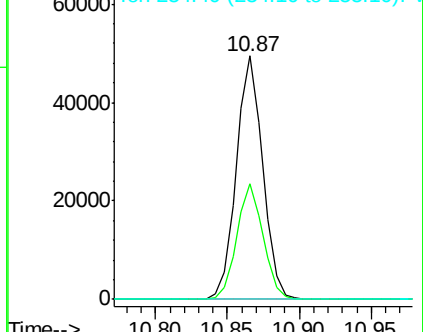
173 100

175 47.0 24.3 73.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

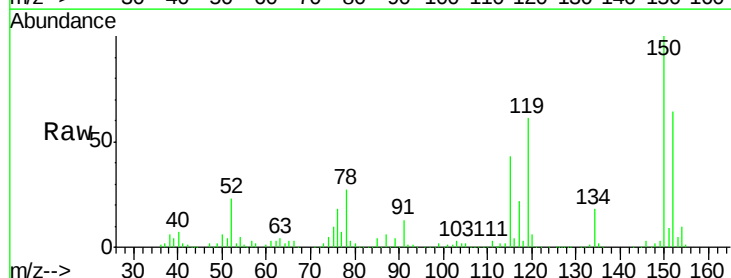
Tgt Ion:152 Resp: 117599

Ion Ratio Lower Upper

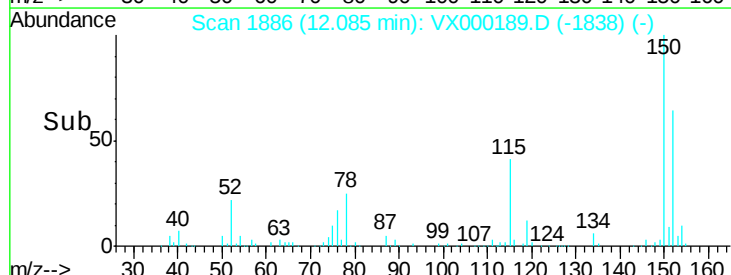
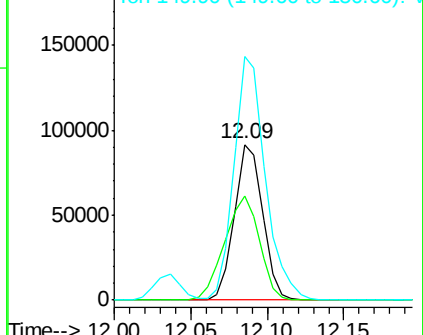
152 100

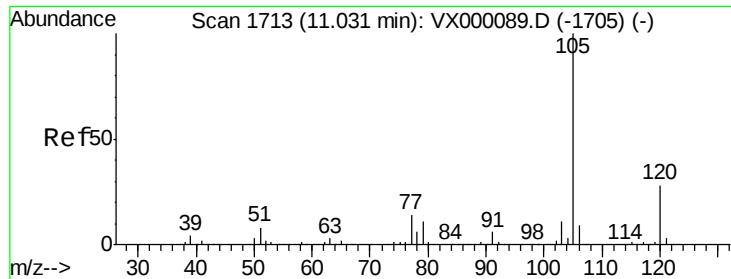
115 81.3 39.1 117.2

150 173.6 0.0 348.2



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

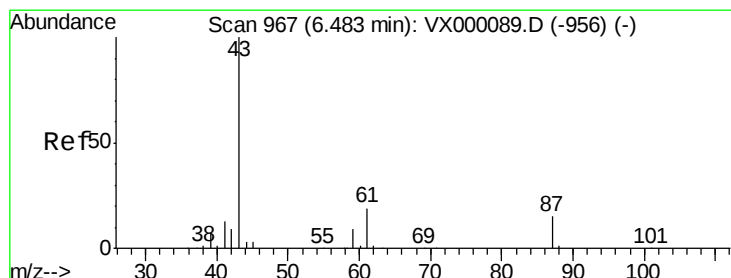
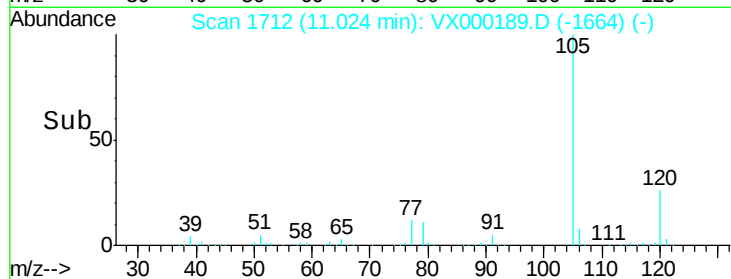
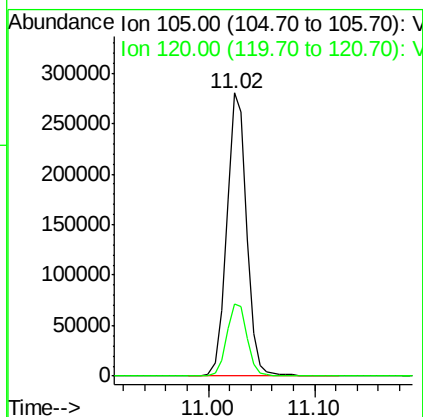
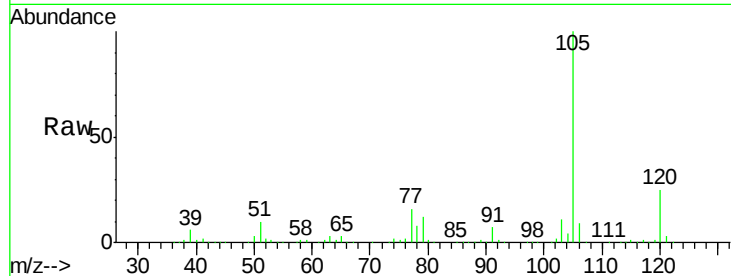




#73
Isopropylbenzene
Concen: 49.05 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

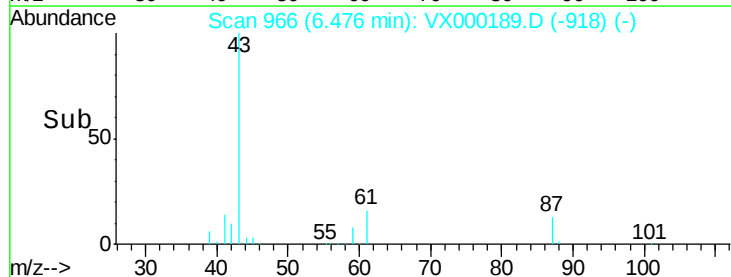
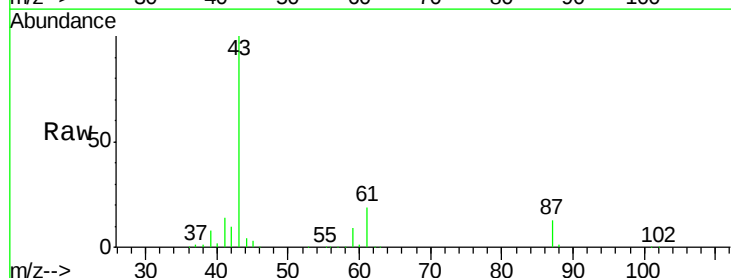
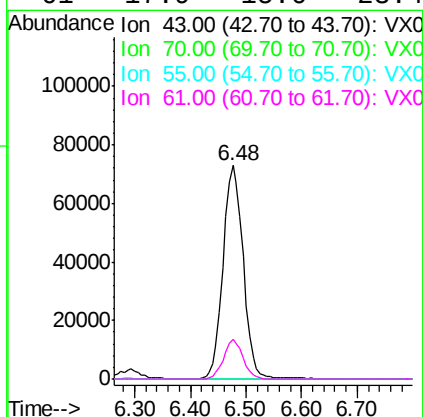
Instrument :
MSVOA_X
ClientSampleId :

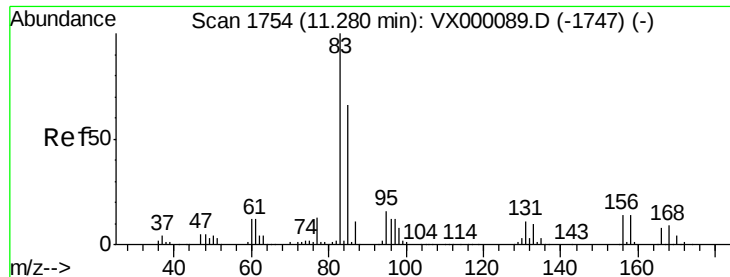
Tot Ion:105 Resp: 365574
Ion Ratio Lower Upper
105 100
120 26.5 14.0 42.0



#74
N-ethyl acetate
Concen: 48.44 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion: 43 Resp: 182390
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.1 0.1 0.1#
61 17.9 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.34 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampled :

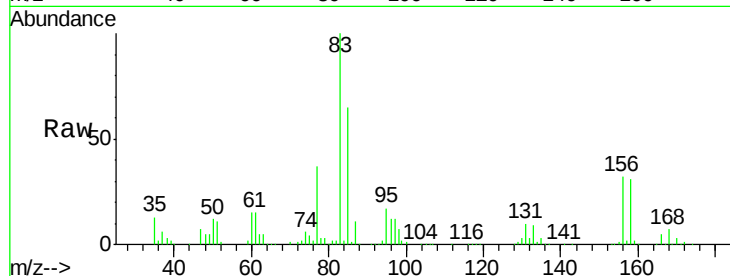
Tot Ion: 83 Resp: 135870

Ion Ratio Lower Upper

83 100

131 10.3 5.6 16.8

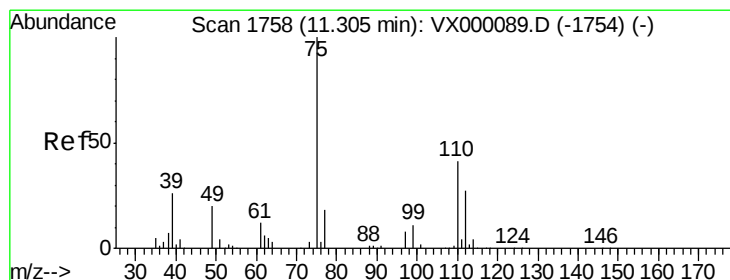
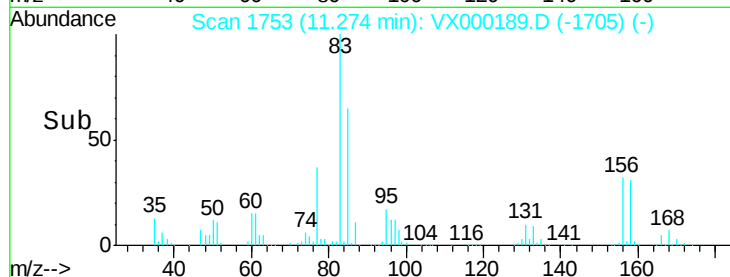
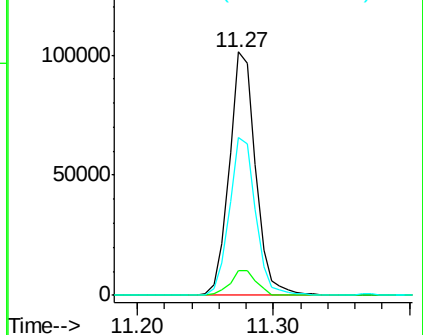
85 65.0 32.3 96.8



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: 68.40 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000189.D

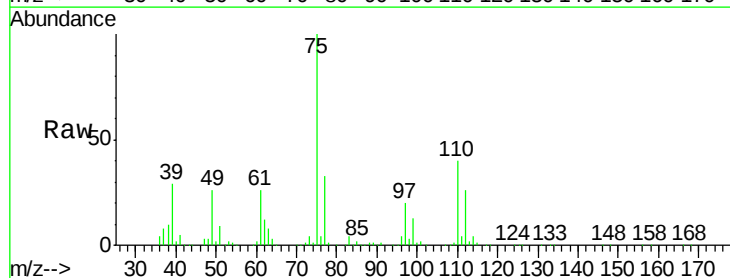
Acq: 02 Mar 2018 09:48

Tgt Ion: 75 Resp: 166625

Ion Ratio Lower Upper

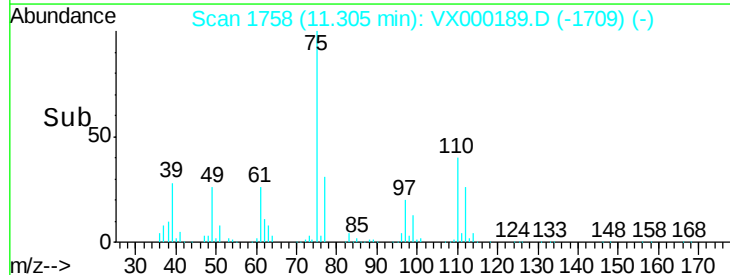
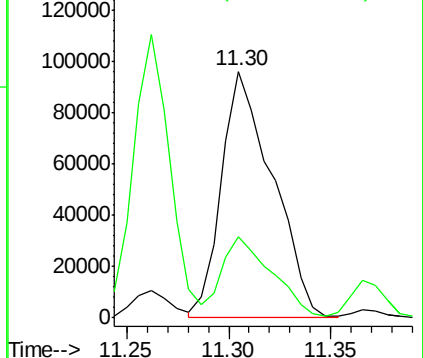
75 100

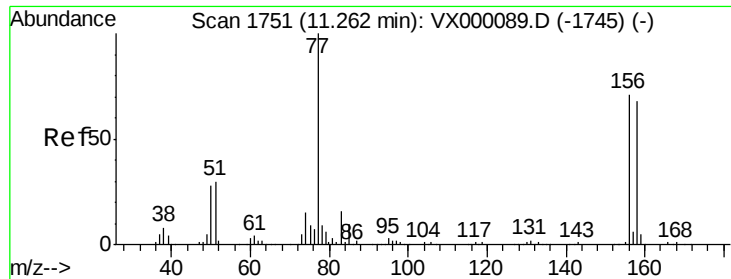
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 45.46 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampled :

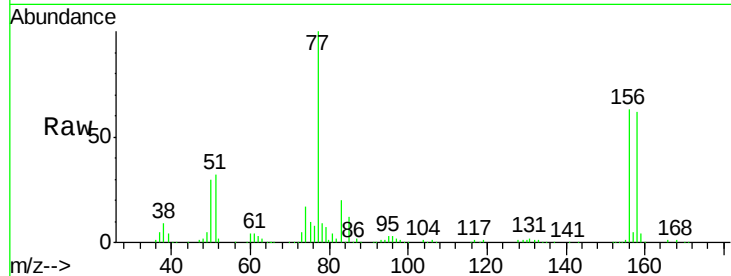
Tot Ion:156 Resp: 91834

Ion Ratio Lower Upper

156 100

77 150.6 67.0 201.0

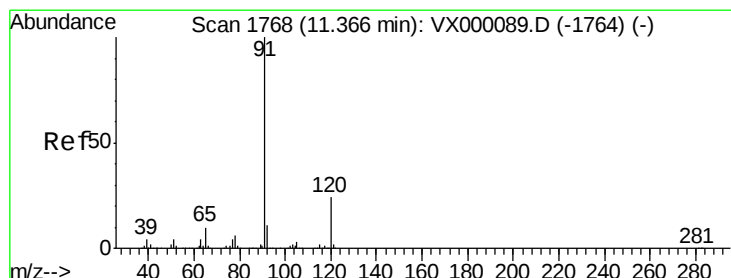
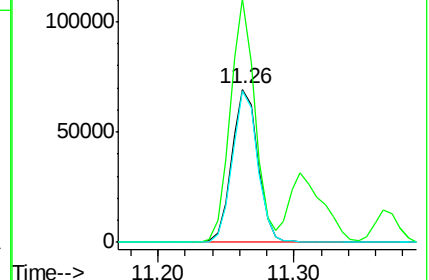
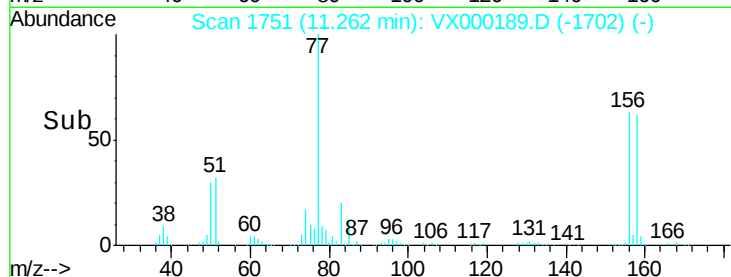
158 96.2 48.3 144.9



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: 49.97 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000189.D

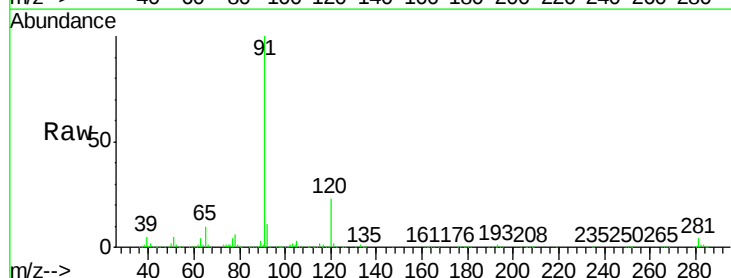
Acq: 02 Mar 2018 09:48

Tgt Ion: 91 Resp: 439105

Ion Ratio Lower Upper

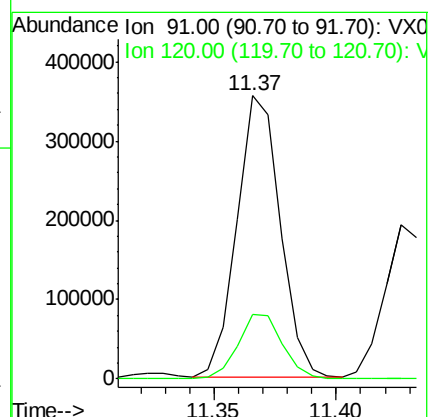
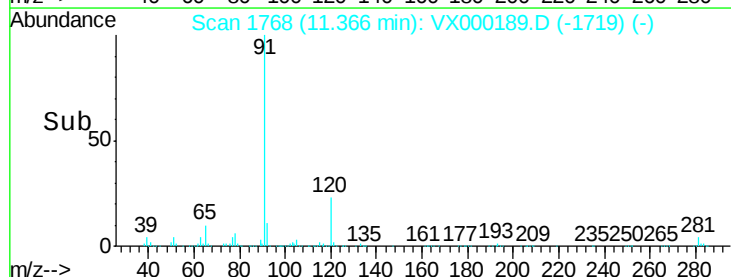
91 100

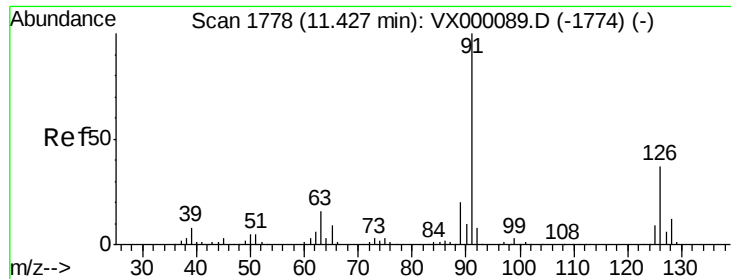
120 23.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

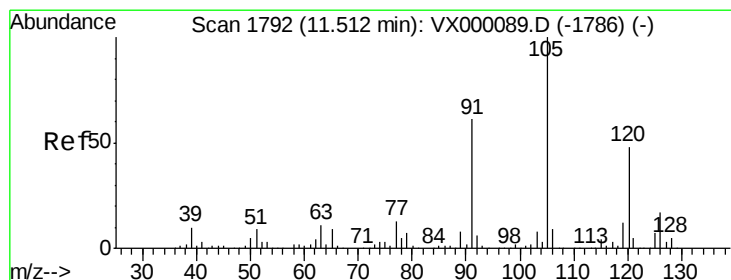
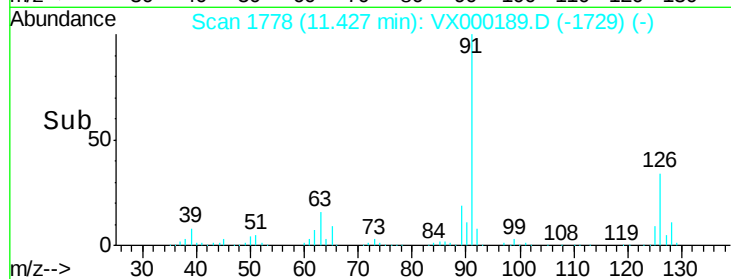
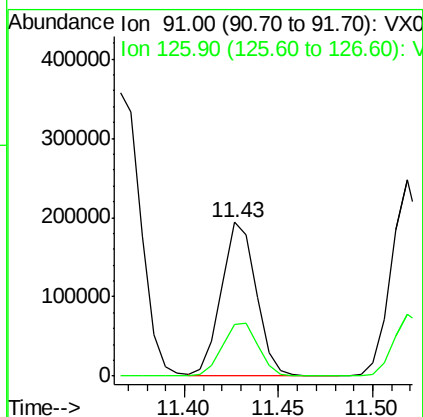
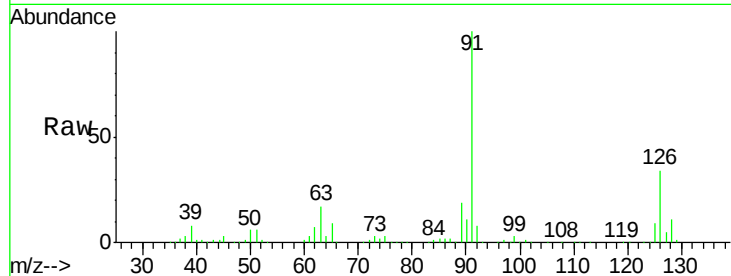




#79
 2-Chlorotoluene
 Concen: 49.32 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

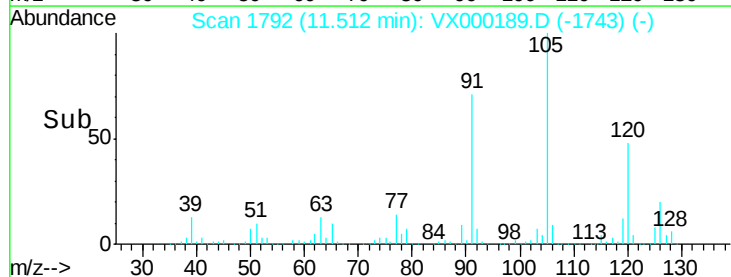
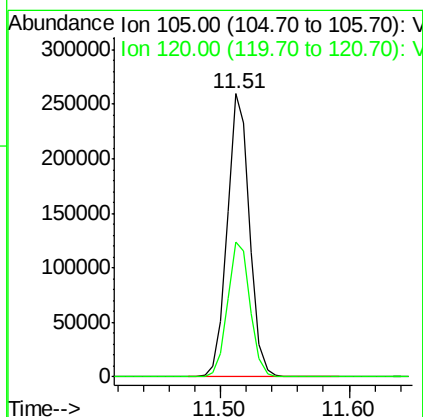
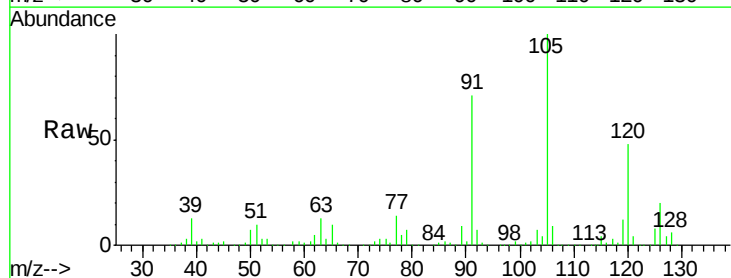
Instrument :
 MSVOA_X
 ClientSampleId :

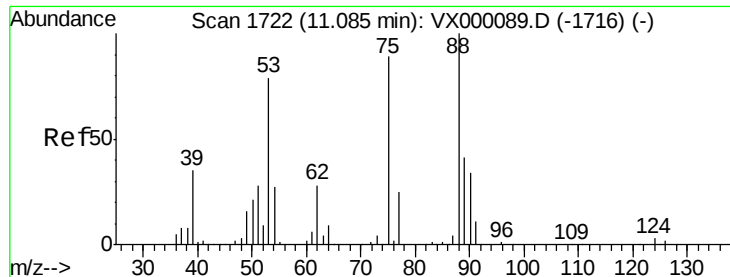
Tot Ion: 91 Resp: 247955
 Ion Ratio Lower Upper
 91 100
 126 36.0 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 49.99 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion: 105 Resp: 314975
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.61 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampled :

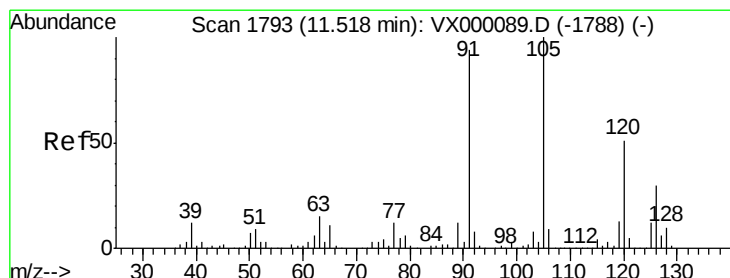
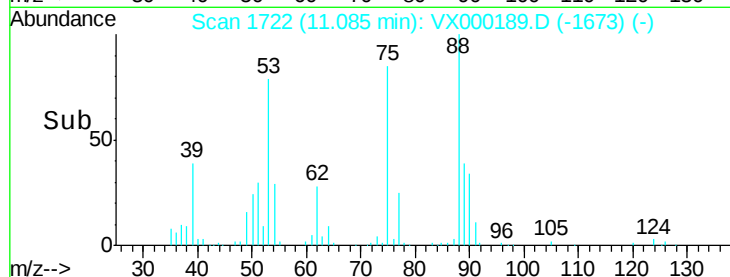
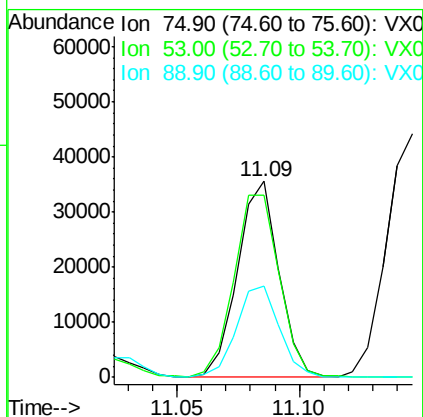
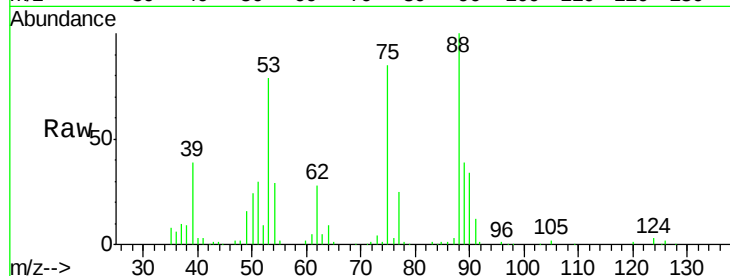
Tot Ion: 75 Resp: 41579

Ion Ratio Lower Upper

75 100

53 103.0 72.3 108.5

89 49.2 40.6 60.8



#82

4-Chlorotoluene

Concen: 50.35 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000189.D

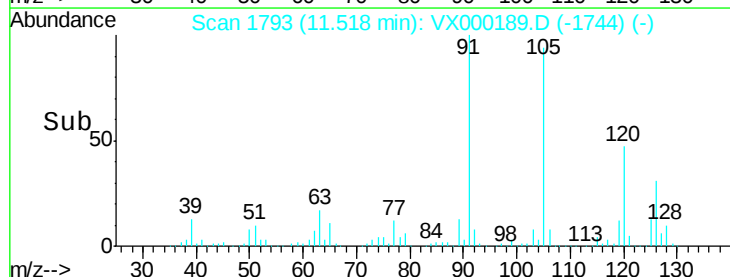
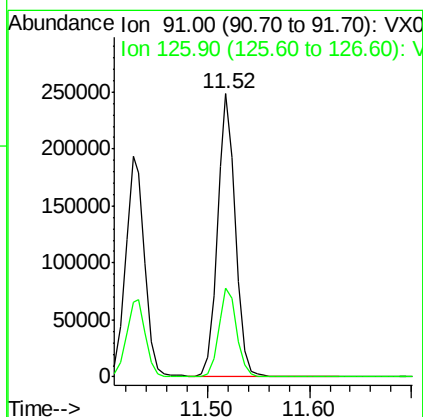
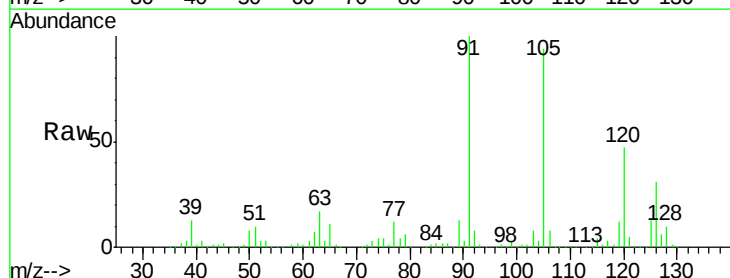
Acq: 02 Mar 2018 09:48

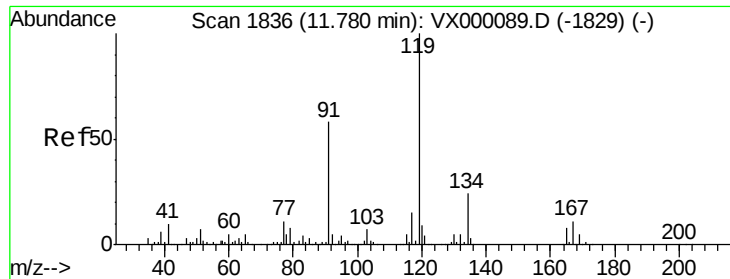
Tgt Ion: 91 Resp: 306229

Ion Ratio Lower Upper

91 100

126 31.5 16.7 50.0

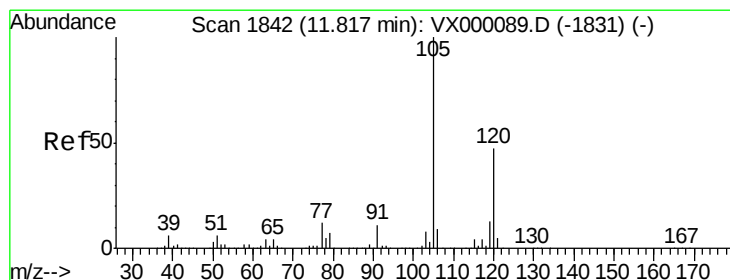
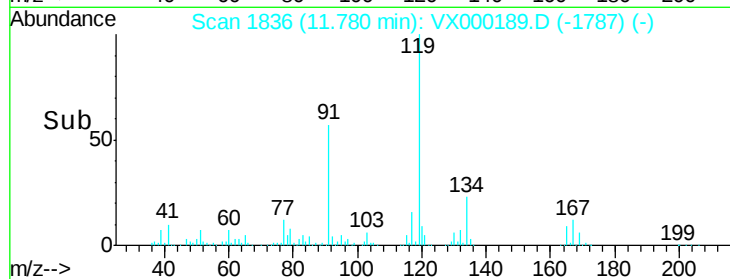
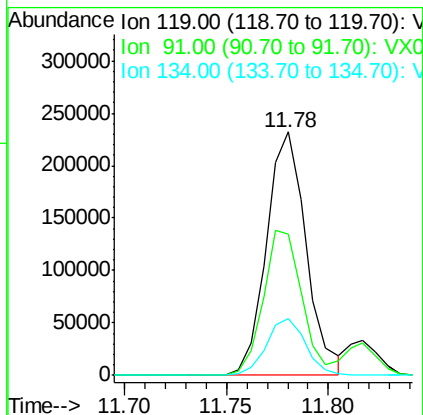
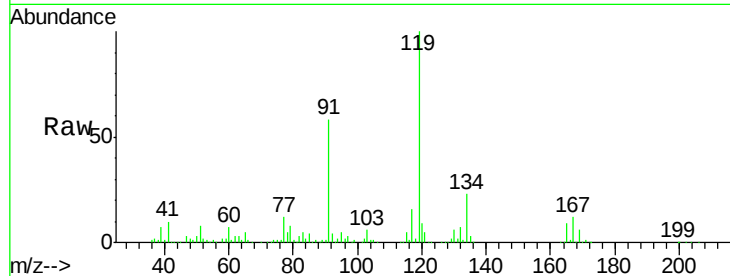




#83
 tert-Butylbenzene
 Concen: 49.33 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

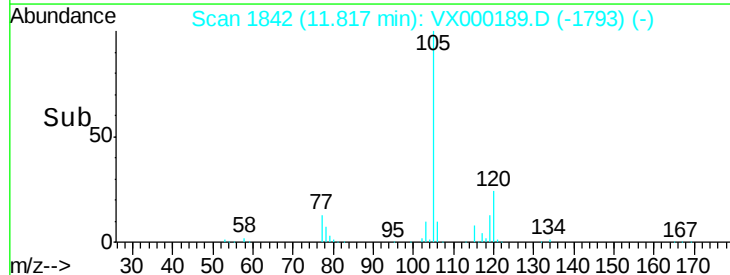
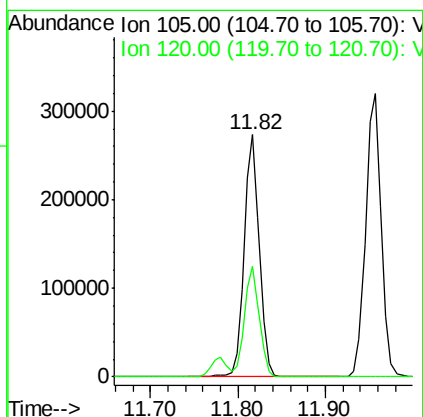
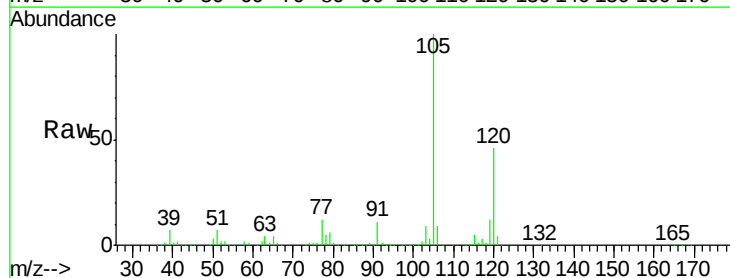
Instrument :
 MSVOA_X
 ClientSampleId :

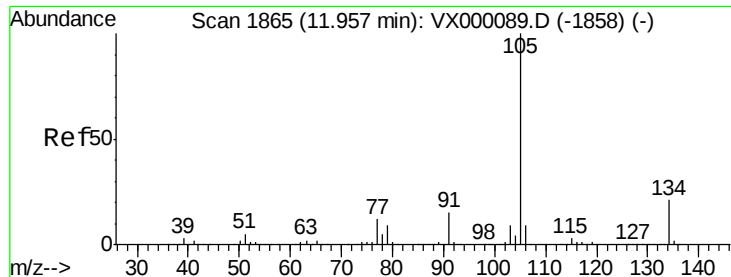
Tot Ion:119 Resp: 313903
 Ion Ratio Lower Upper
 119 100
 91 57.6 28.4 85.2
 134 23.0 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 50.06 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion:105 Resp: 327480
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 50.37 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

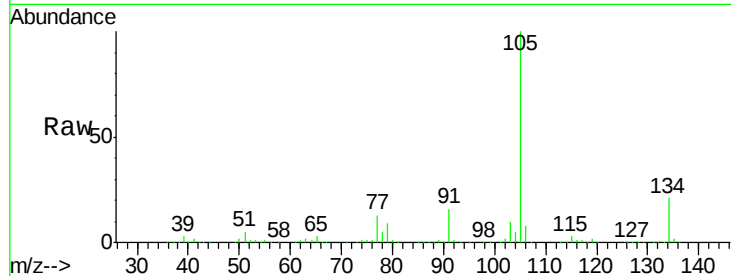
ClientSampleId :

Tot Ion:105 Resp: 398043

Ion Ratio Lower Upper

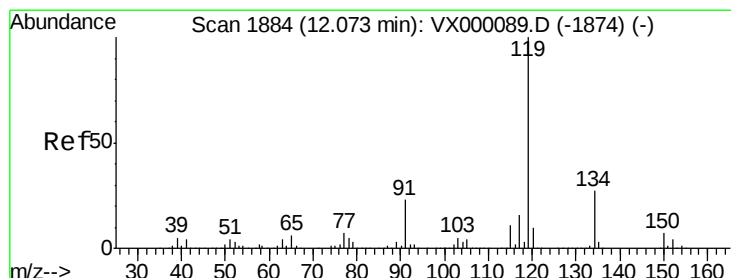
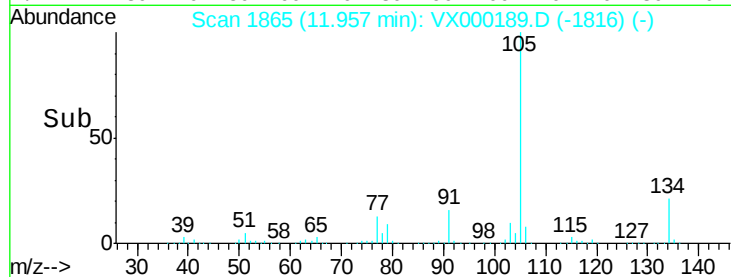
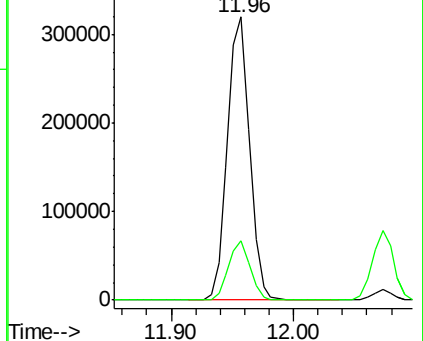
105 100

134 20.4 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.41 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

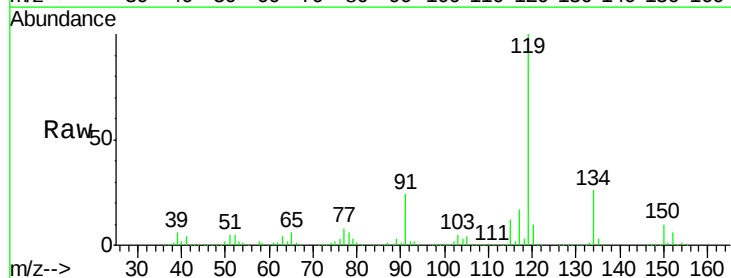
Tgt Ion:119 Resp: 355934

Ion Ratio Lower Upper

119 100

134 26.6 13.7 41.0

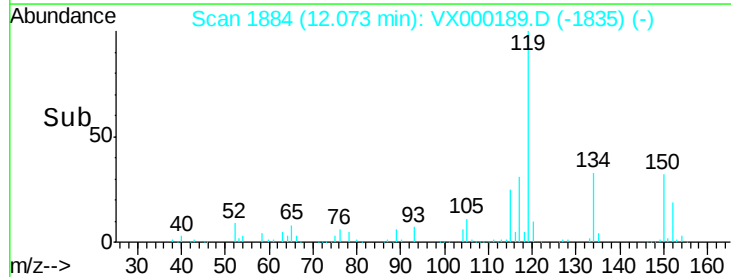
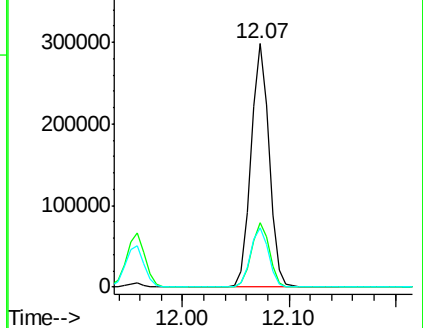
91 24.6 11.7 35.0

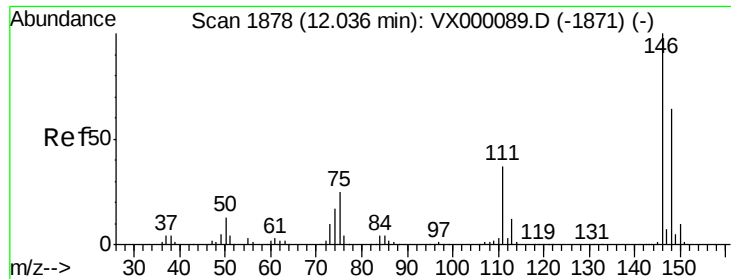


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

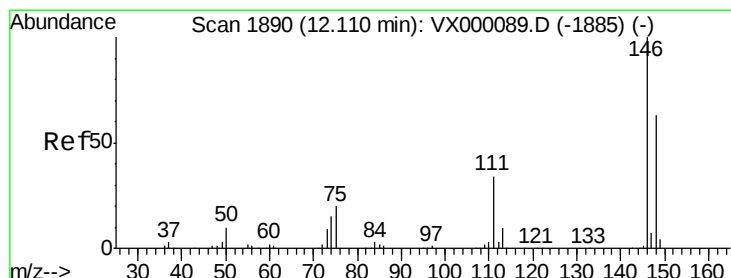
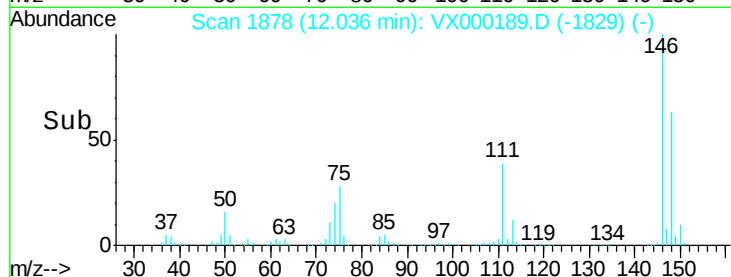
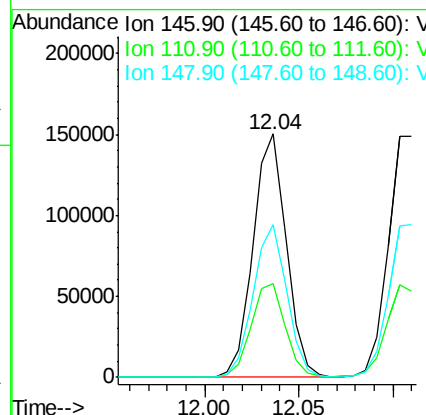
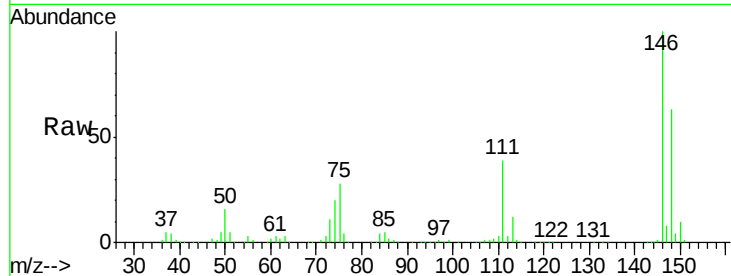




#87
 1,3-Dichlorobenzene
 Concen: 47.64 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

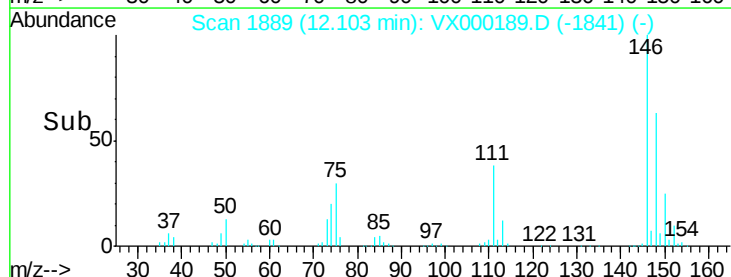
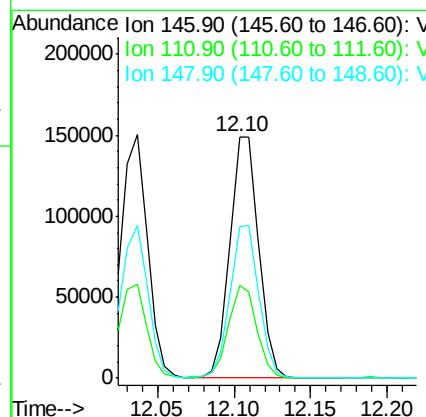
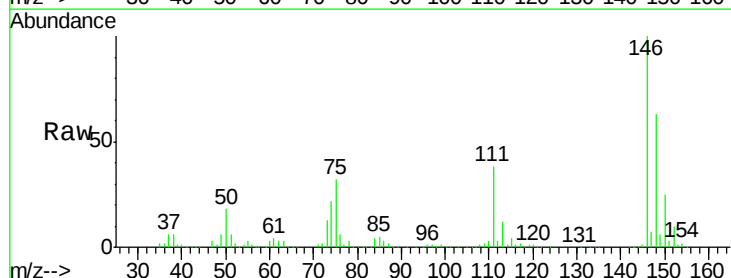
Instrument :
 MSVOA_X
 ClientSampleId :

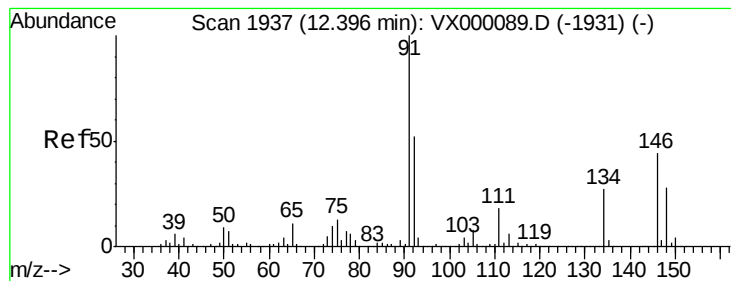
Tot Ion:146 Resp: 184599
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.1 57.3
 148 63.1 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.60 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion:146 Resp: 194585
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.4 55.0
 148 63.4 31.9 95.9





#89

n-Butylbenzene

Concen: 51.87 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampleId :

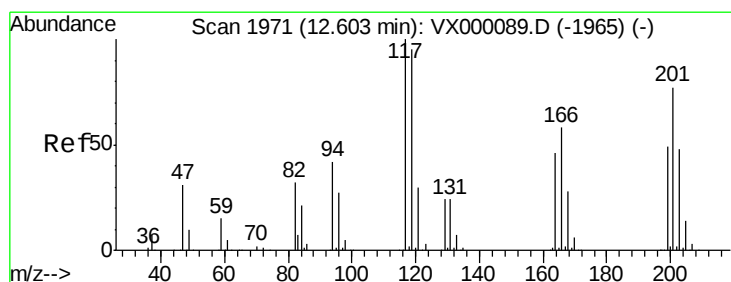
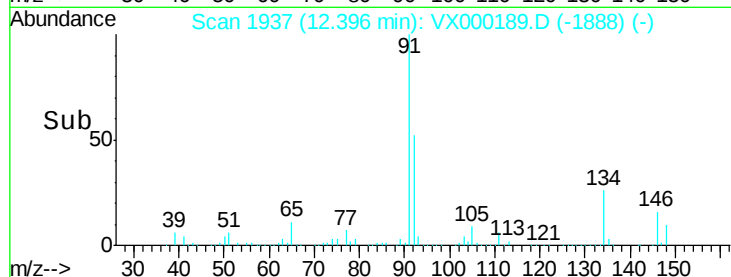
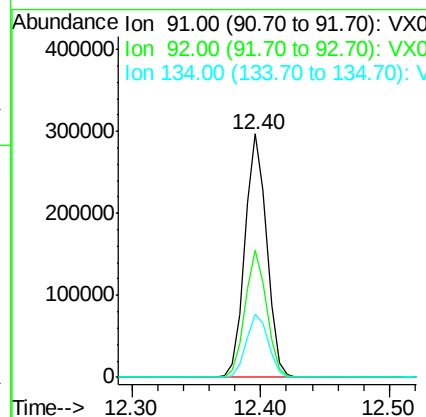
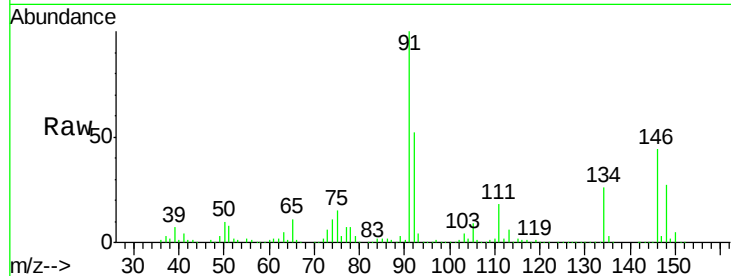
Tot Ion: 91 Resp: 345402

Ion Ratio Lower Upper

91 100

92 51.6 26.2 78.6

134 26.2 14.3 42.9



#90

Hexachloroethane

Concen: 50.61 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000189.D

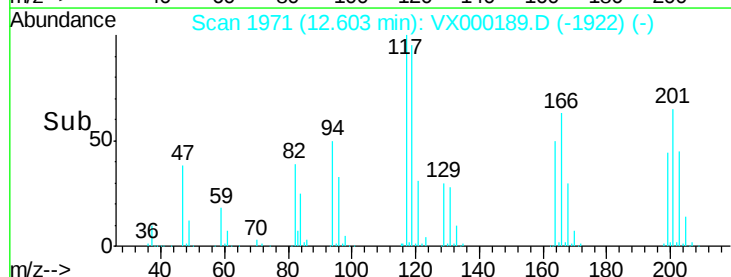
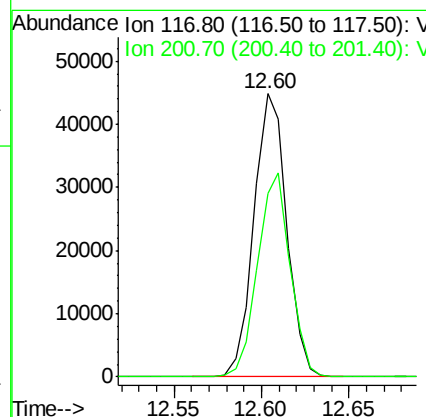
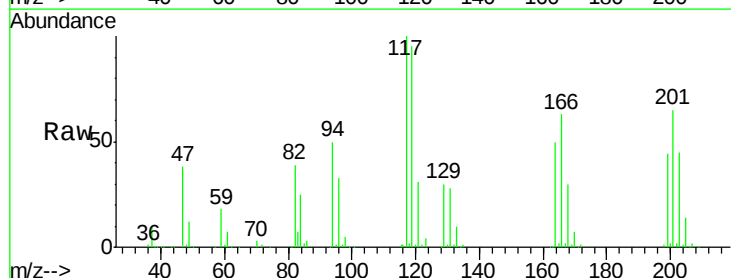
Acq: 02 Mar 2018 09:48

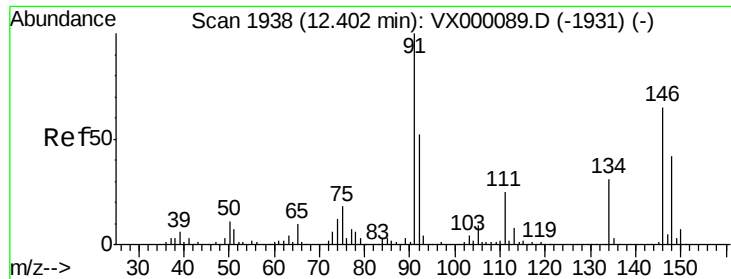
Tgt Ion: 117 Resp: 58179

Ion Ratio Lower Upper

117 100

201 71.6 41.1 123.4





#91

1,2-Dichlorobenzene

Concen: 48.49 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

Instrument :

MSVOA_X

ClientSampleId :

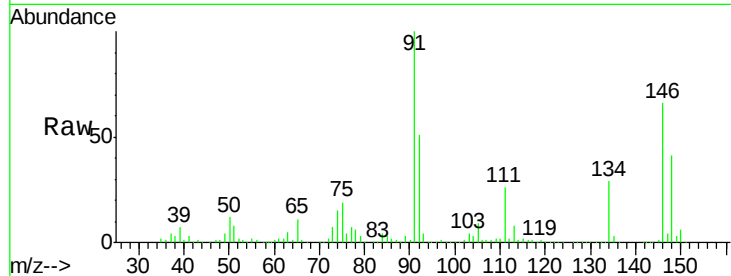
Tot Ion:146 Resp: 184939

Ion Ratio Lower Upper

146 100

111 40.6 19.6 58.8

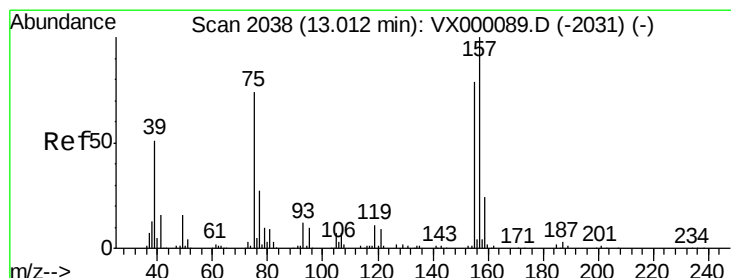
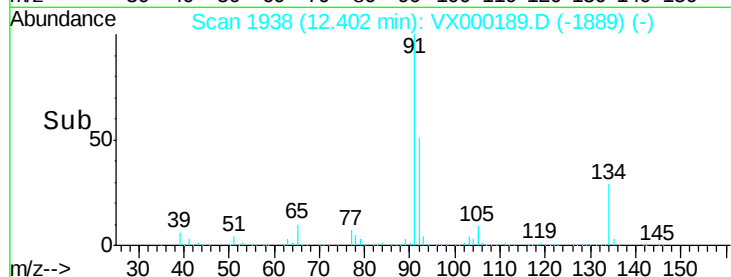
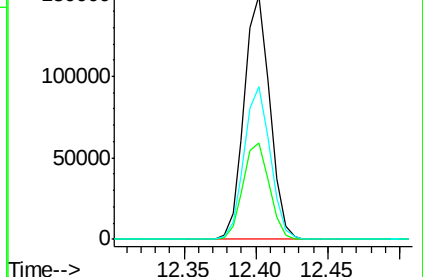
148 63.6 32.4 97.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.89 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. -0.00 min

Lab File: VX000189.D

Acq: 02 Mar 2018 09:48

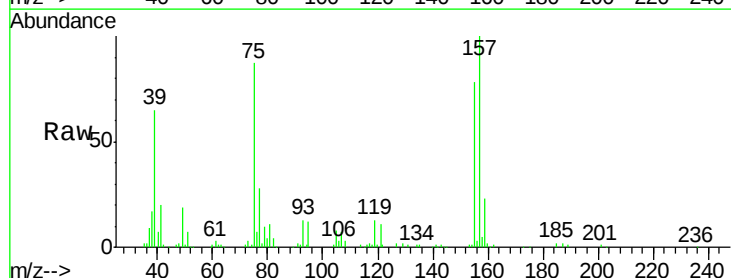
Tgt Ion: 75 Resp: 40266

Ion Ratio Lower Upper

75 100

155 84.8 49.3 147.9

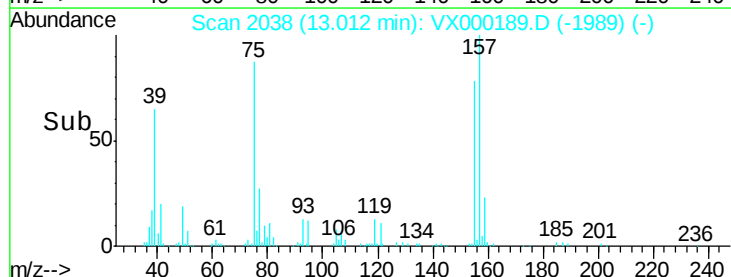
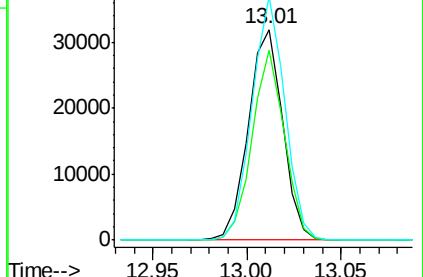
157 110.6 63.7 191.1

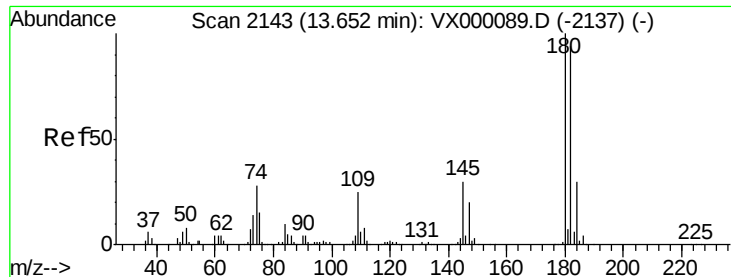


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

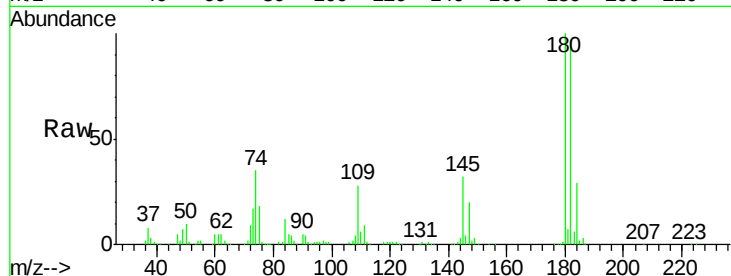




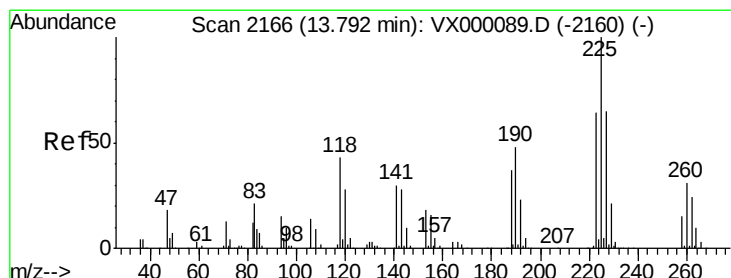
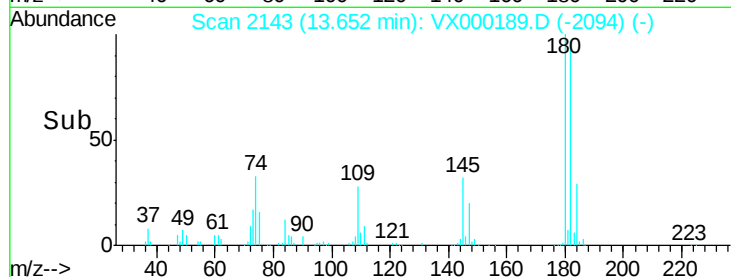
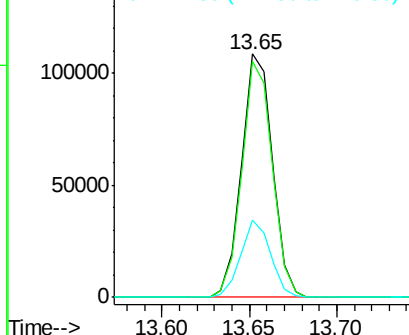
#93
 1,2,4-Trichlorobenzene
 Concen: 46.47 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.4
145	31.0	14.7	44.1

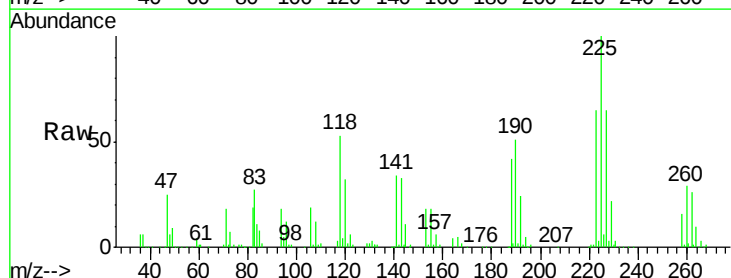


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

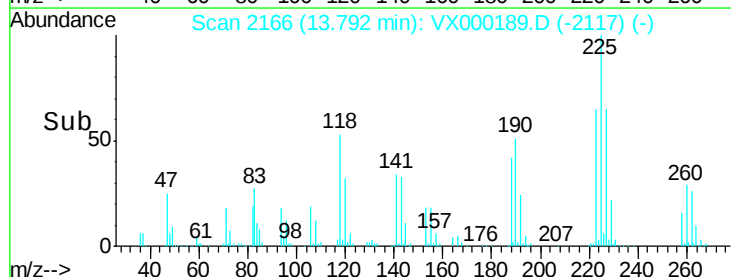
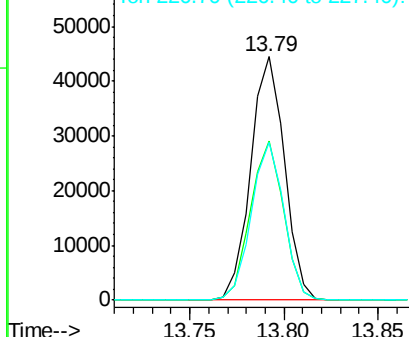


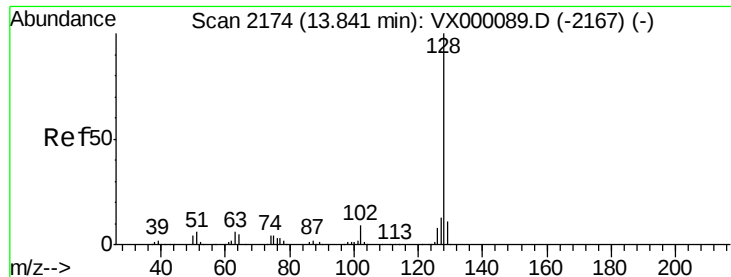
#94
 Hexachlorobutadiene
 Concen: 44.28 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000189.D
 Acq: 02 Mar 2018 09:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.9	95.7
227	62.4	32.8	98.4



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

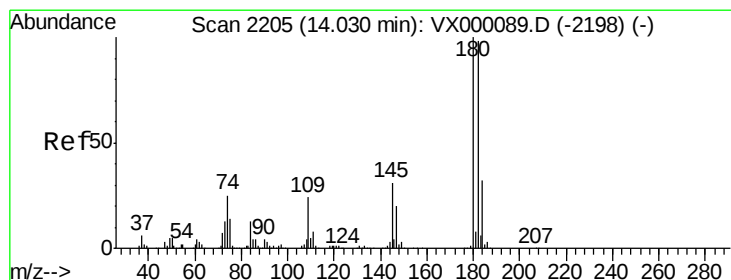
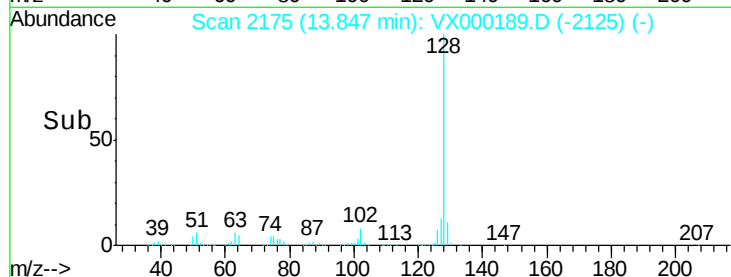
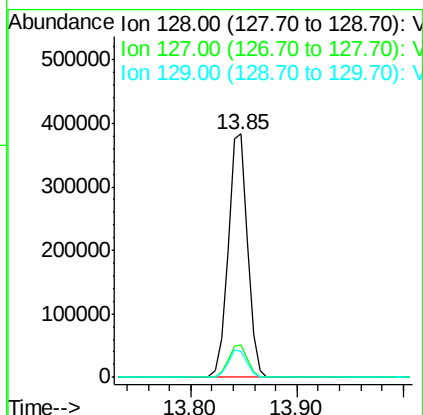
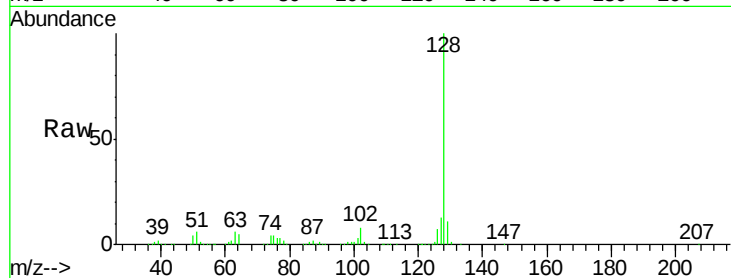




#95
Naphthalene
Concen: 50.05 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 485560
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.32 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000189.D
Acq: 02 Mar 2018 09:48

Tgt Ion:180 Resp: 133655
Ion Ratio Lower Upper
180 100
182 95.1 48.2 144.6
145 32.5 15.3 45.9

