

Data Path : \\74.0.250.170\VOASRV\HPCHEM1\MSVOA X\DATA\VX030718\
 Data File : VX000212.D
 Acq On : 07 Mar 2018 15:07
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 08 02:17:11 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	149774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	255083	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	261764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	160810	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	109303	52.65	ug/l	0.00
Spiked Amount			Recovery	=	105.30%	
35) Dibromofluoromethane	5.51	113	88250	55.08	ug/l	0.00
Spiked Amount			Recovery	=	110.16%	
50) Toluene-d8	8.73	98	353129	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
62) 4-Bromofluorobenzene	11.15	95	139728	53.94	ug/l	0.00
Spiked Amount			Recovery	=	107.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	77279	47.351	ug/l	99
3) Chloromethane	1.32	50	82370	51.699	ug/l	99
4) Vinyl Chloride	1.41	62	93744	50.486	ug/l	100
5) Bromomethane	1.64	94	101128	52.339	ug/l	99
6) Chloroethane	1.72	64	60855	52.596	ug/l	98
7) Trichlorofluoromethane	1.93	101	151500	49.181	ug/l	94
8) Diethyl Ether	2.20	74	56245	49.746	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	79605	46.269	ug/l	98
10) Methyl Iodide	2.52	142	92082	50.926	ug/l	100
11) Tert butyl alcohol	3.08	59	193545	253.699	ug/l	99
12) 1,1-Dichloroethene	2.38	96	79882	50.569	ug/l	91
13) Acrolein	2.30	56	110121	274.559	ug/l	97
14) Allyl chloride	2.73	41	146805	50.310	ug/l	97
15) Acrylonitrile	3.16	53	342599	258.050	ug/l	100
16) Acetone	2.45	43	358984	240.762	ug/l	100
17) Carbon Disulfide	2.57	76	222624	51.435	ug/l	99
18) Methyl Acetate	2.79	43	159694	50.293	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	294576	52.364	ug/l	98
20) Methylene Chloride	2.87	84	88431	49.730	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	87432	50.325	ug/l	99
22) Diisopropyl ether	3.89	45	229704	45.839	ug/l	98
23) Vinyl Acetate	3.84	43	1117851	231.465	ug/l	99
24) 1,1-Dichloroethane	3.71	63	148265	48.264	ug/l	99
25) 2-Butanone	4.72	43	460942	250.503	ug/l	97
26) 2,2-Dichloropropane	4.60	77	111437	49.630	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	81402	49.415	ug/l	98
28) Bromochloromethane	5.04	49	69756	53.428	ug/l	99
29) Tetrahydrofuran	5.18	42	304736	263.678	ug/l	100
30) Chloroform	5.23	83	152221	51.252	ug/l	99
31) Cyclohexane	5.59	56	109254	48.093	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	134342	52.168	ug/l	100
36) 1,1-Dichloropropene	5.81	75	107958	47.564	ug/l	100
37) Ethyl Acetate	4.88	43	160299	48.870	ug/l	100
38) Carbon Tetrachloride	5.79	117	113530	49.426	ug/l	99

Data Path : \\74.0.250.170\VOASRV\HPCHEM1\MSVOA X\DATA\VX030718\
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 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 08 02:17:11 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	125774	45.162	ug/l	98
40) Benzene	6.16	78	325632	49.745	ug/l	99
41) Methacrylonitrile	5.08	41	81090	48.500	ug/l	99
42) 1,2-Dichloroethane	6.21	62	128168	49.918	ug/l	99
43) Isopropyl Acetate	6.48	43	240283	50.665	ug/l	99
44) Trichloroethene	7.23	130	91486	48.828	ug/l	98
45) 1,2-Dichloropropane	7.52	63	84386	50.896	ug/l	94
46) Dibromomethane	7.67	93	65988	50.307	ug/l	98
47) Bromodichloromethane	7.91	83	122204	52.964	ug/l	97
48) Methyl methacrylate	7.79	41	118377	50.676	ug/l	97
49) 1,4-Dioxane	7.77	88	54414	1026.142	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	927370	259.078	ug/l	99
52) Toluene	8.79	92	226029	50.379	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	139795	51.414	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	142895	54.323	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	96341	53.017	ug/l	98
56) Ethyl methacrylate	9.20	69	150356	55.289	ug/l	98
57) 1,3-Dichloropropane	9.38	76	152527	49.987	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	364971	265.823	ug/l	99
59) 2-Hexanone	9.51	43	805030	263.758	ug/l	100
60) Dibromochloromethane	9.59	129	106832	55.758	ug/l	98
61) 1,2-Dibromoethane	9.68	107	107338	53.193	ug/l	97
64) Tetrachloroethene	9.34	164	84968	46.393	ug/l	96
65) Chlorobenzene	10.15	112	265566	50.237	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	94824	52.467	ug/l	99
67) Ethyl Benzene	10.26	91	450169	48.792	ug/l	99
68) m/p-Xylenes	10.37	106	359851	101.342	ug/l	99
69) o-Xylene	10.71	106	175148	51.320	ug/l	98
70) Styrene	10.72	104	298214	52.674	ug/l	99
71) Bromoform	10.87	173	86274	46.949	ug/l #	99
73) Isopropylbenzene	11.02	105	464060	46.091	ug/l	99
74) N-amyl acetate	6.48	43	240283	46.646	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	174054	49.312	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	209287	64.925	ug/l	82
77) Bromobenzene	11.26	156	123528	47.457	ug/l	99
78) n-propylbenzene	11.37	91	546430	46.115	ug/l	99
79) 2-Chlorotoluene	11.43	91	316312	47.321	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	398803	47.444	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	53428	50.754	ug/l	99
82) 4-Chlorotoluene	11.52	91	384701	47.336	ug/l	100
83) tert-Butylbenzene	11.78	119	395136	48.308	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	416839	48.222	ug/l	100
85) sec-Butylbenzene	11.96	105	483122	46.696	ug/l	99
86) p-Isopropyltoluene	12.07	119	443794	48.643	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	242776	49.055	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	251692	48.527	ug/l	99
89) n-Butylbenzene	12.40	91	409373	46.589	ug/l	100
90) Hexachloroethane	12.60	117	71164	48.413	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	241557	49.299	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52774	53.241	ug/l	94

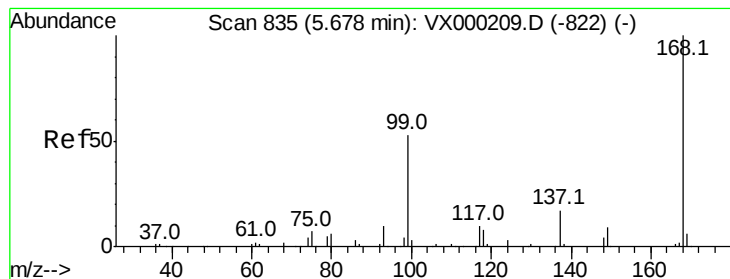
Data Path : \\74.0.250.170\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030718\
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	170199	47.751	ug/l	100
94) Hexachlorobutadiene	13.79	225	66643	44.922	ug/l	99
95) Naphthalene	13.84	128	632488	50.849	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	169684	48.121	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

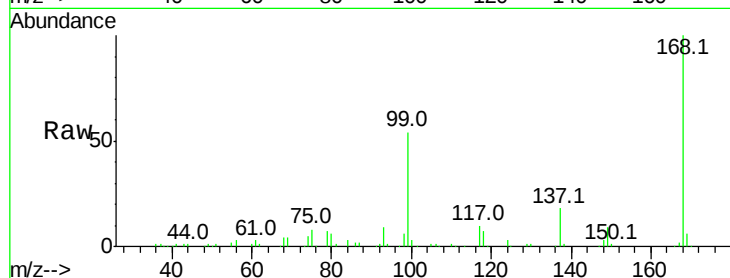
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 149774

Ion Ratio Lower Upper

168 100

99 54.2 42.8 64.2

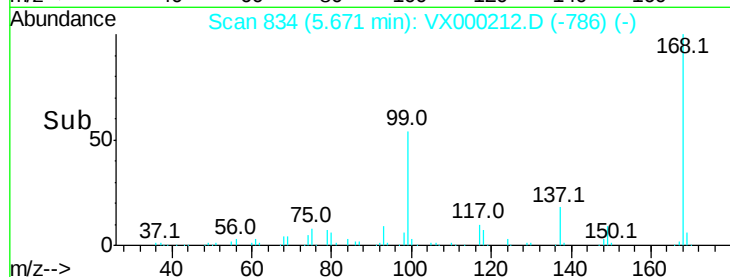


Abundance Ion 167.90 (167.60 to 168.60): V

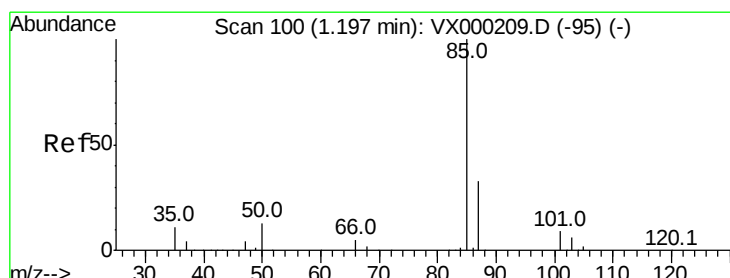
Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 47.351 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000212.D

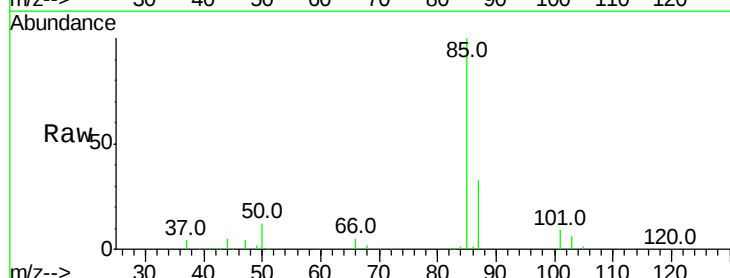
Acq: 07 Mar 2018 15:07

Tgt Ion: 85 Resp: 77279

Ion Ratio Lower Upper

85 100

87 32.7 16.7 50.0

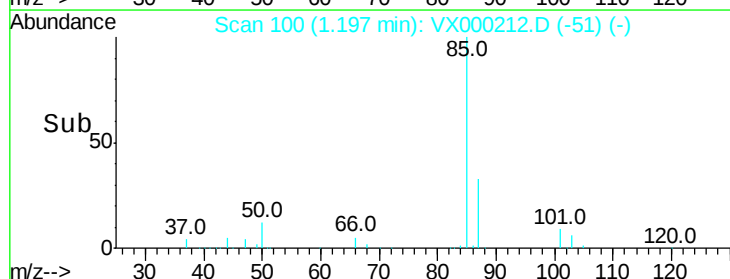


Abundance Ion 84.90 (84.60 to 85.60): VX0

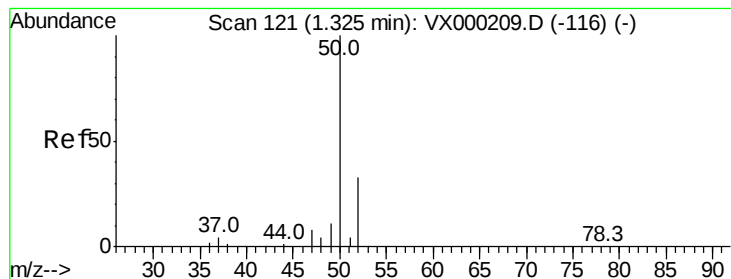
Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->



Time-->



#3

Chloromethane

Concen: 51.699 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

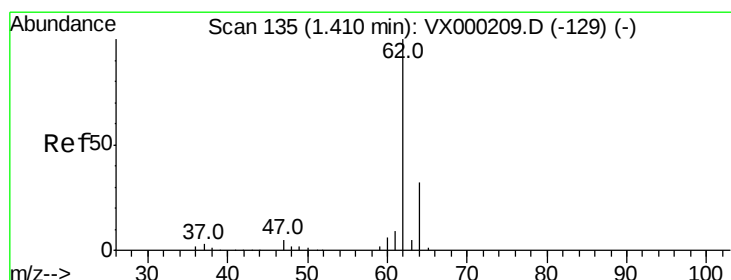
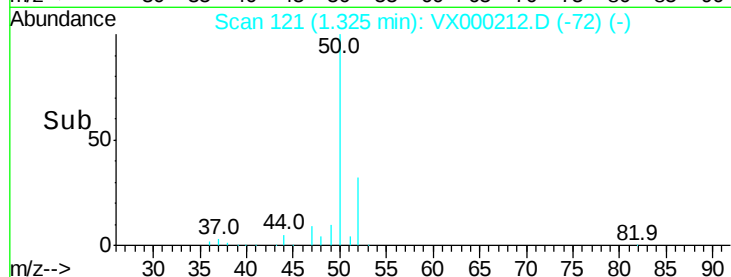
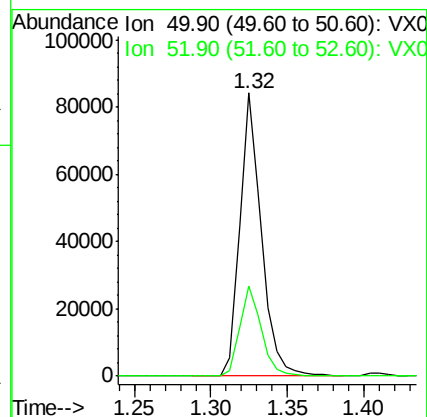
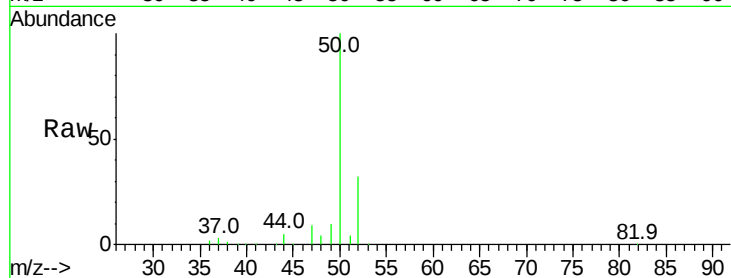
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 82370

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.2



#4

Vinyl Chloride

Concen: 50.486 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000212.D

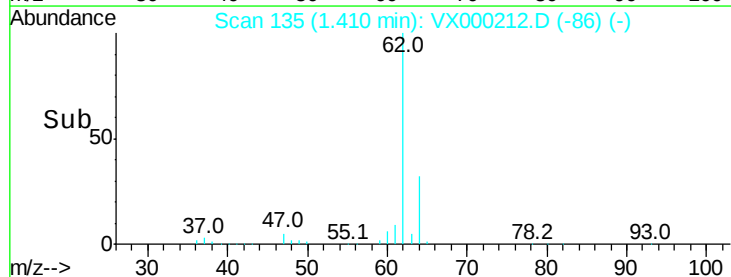
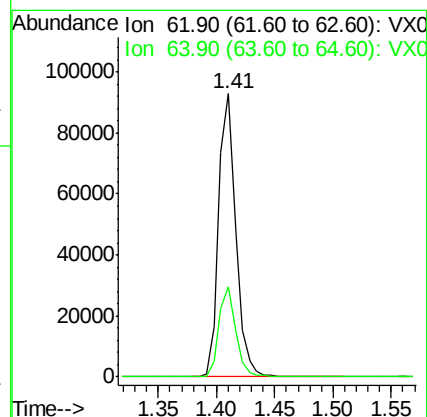
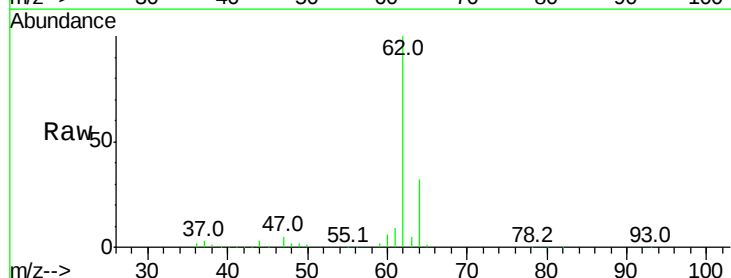
Acq: 07 Mar 2018 15:07

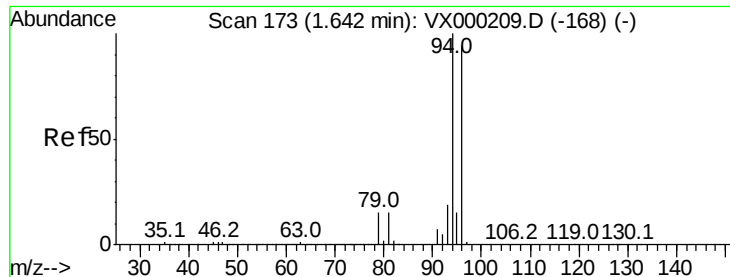
Tgt Ion: 62 Resp: 93744

Ion Ratio Lower Upper

62 100

64 32.0 25.7 38.5





#5

Bromomethane

Concen: 52.339 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

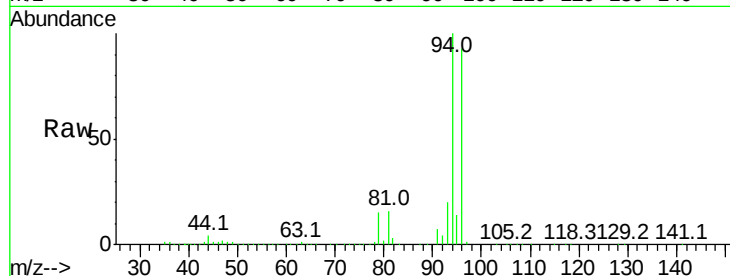
ClientSampleId :

Tot Ion: 94 Resp: 101128

Ion Ratio Lower Upper

94 100

96 93.0 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

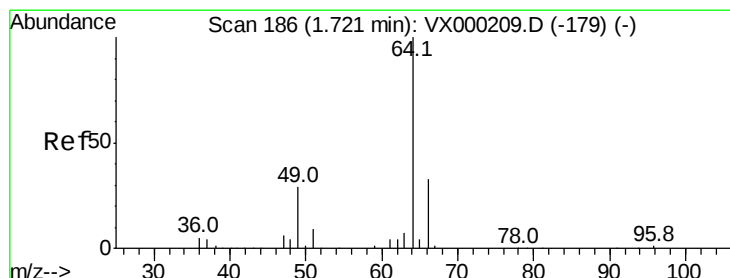
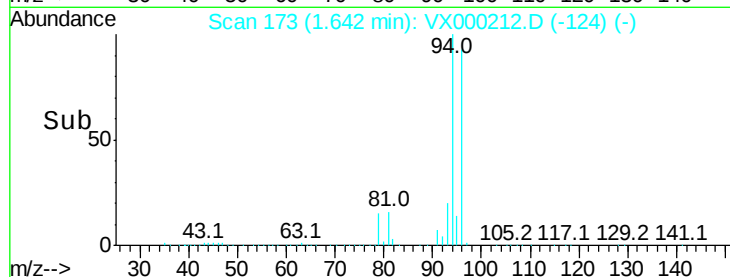
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 52.596 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX000212.D

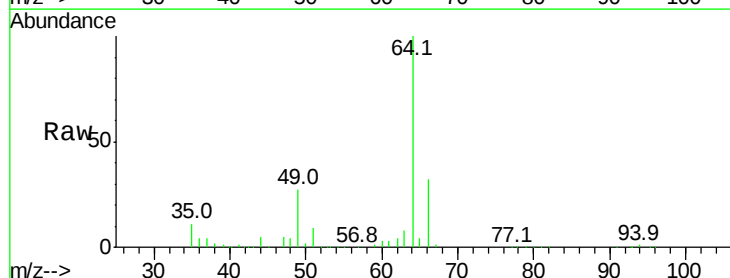
Acq: 07 Mar 2018 15:07

Tgt Ion: 64 Resp: 60855

Ion Ratio Lower Upper

64 100

66 31.9 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

50000

40000

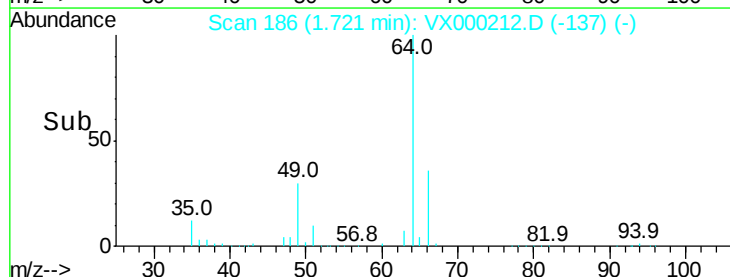
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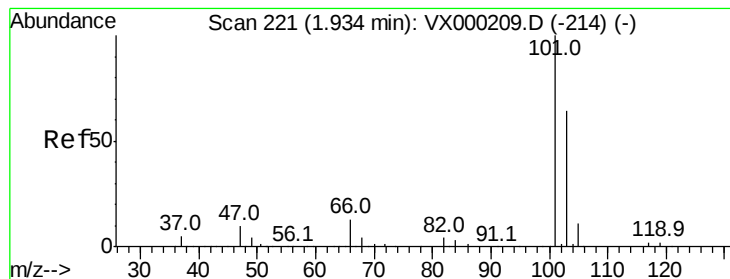
20000

10000

0

Time-->



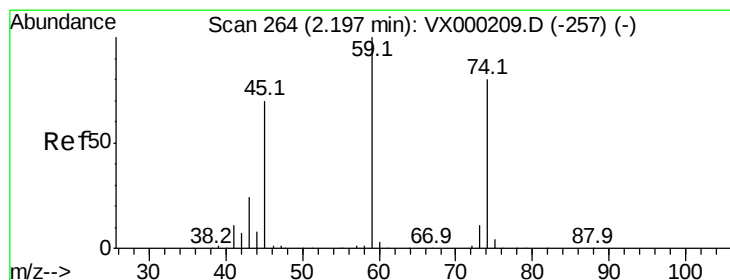
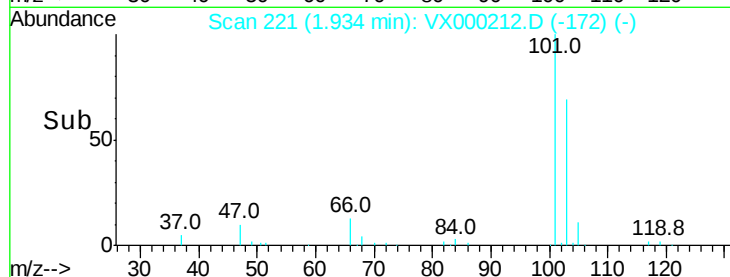
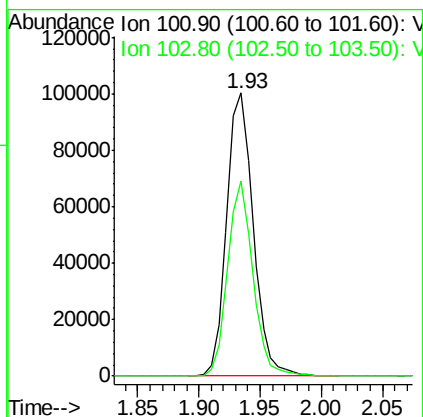
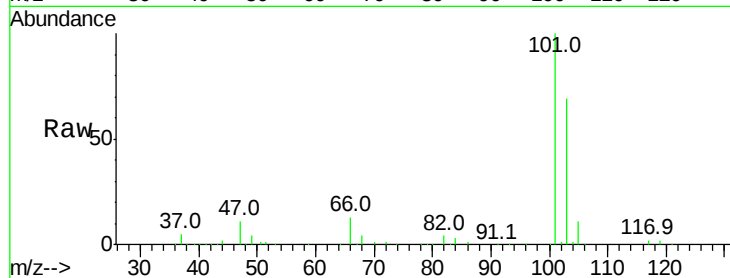


#7

Trichlorofluoromethane
Concen: 49.181 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Instrument :
MSVOA_X
ClientSampled :

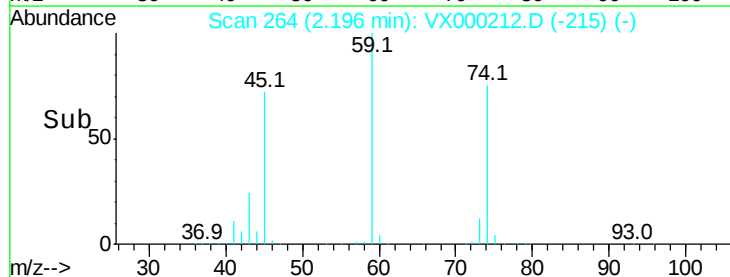
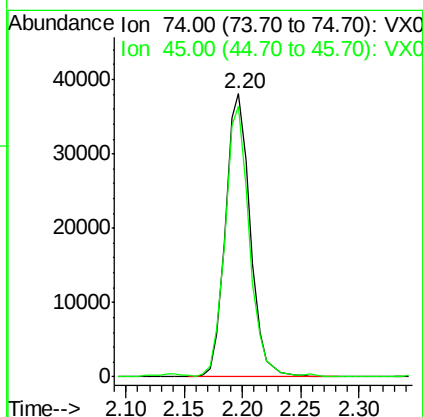
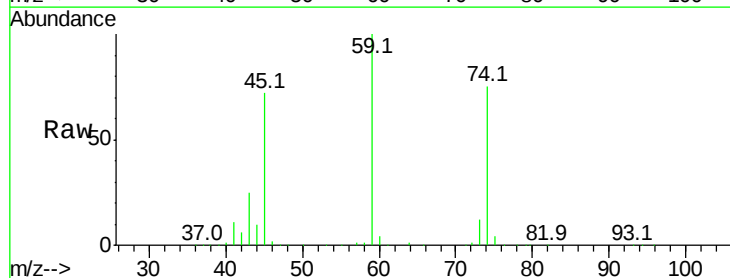
Tot Ion:101 Resp: 151500
Ion Ratio Lower Upper
101 100
103 68.9 51.2 76.8

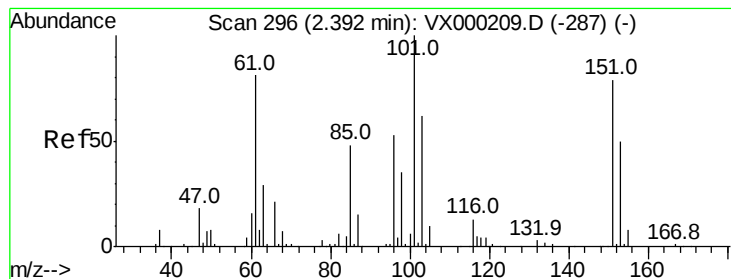


#8

Diethyl Ether
Concen: 49.746 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Tgt Ion: 74 Resp: 56245
Ion Ratio Lower Upper
74 100
45 93.6 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.269 ug/l

RT: 2.39 min Scan# 296

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

ClientSampleId :

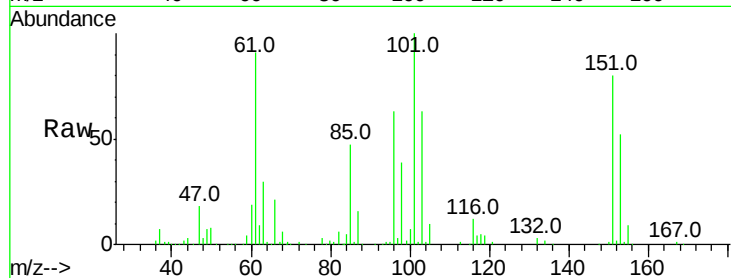
Tot Ion:101 Resp: 79605

Ion Ratio Lower Upper

101 100

85 48.5 38.3 57.5

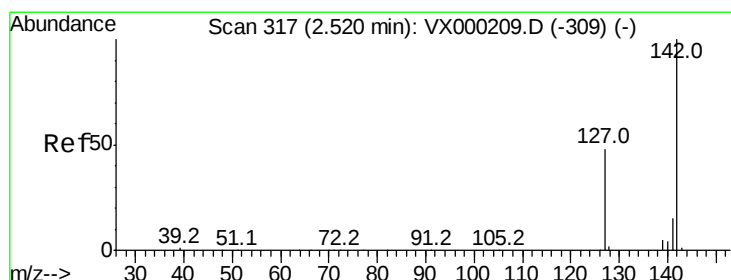
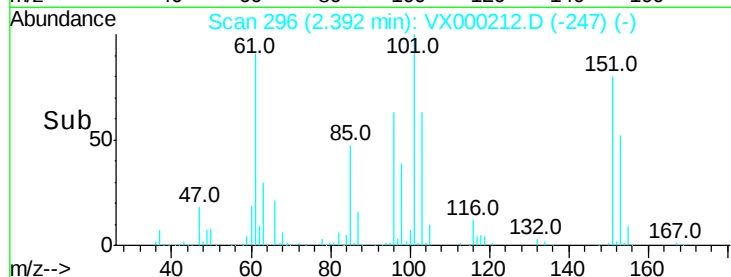
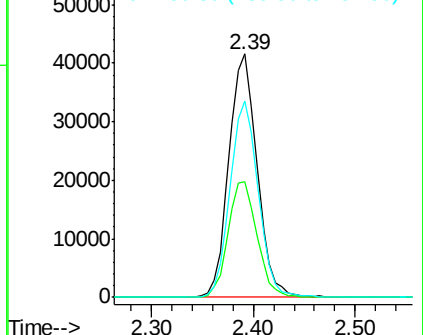
151 80.3 62.8 94.2



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: 50.926 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

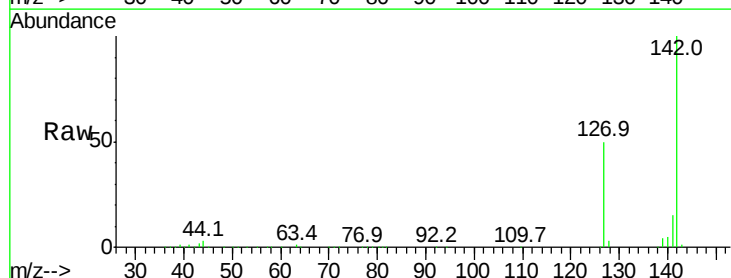
Tgt Ion:142 Resp: 92082

Ion Ratio Lower Upper

142 100

127 48.8 39.0 58.6

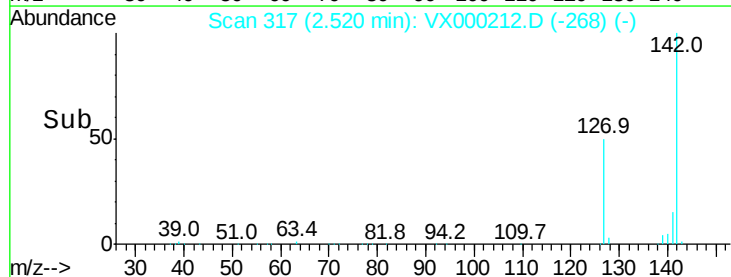
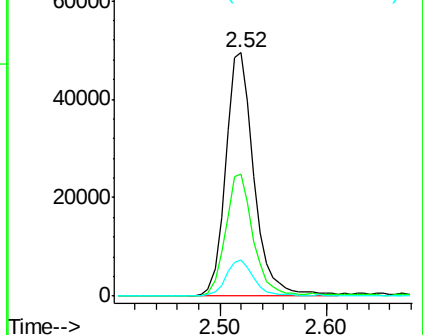
141 14.5 11.6 17.4

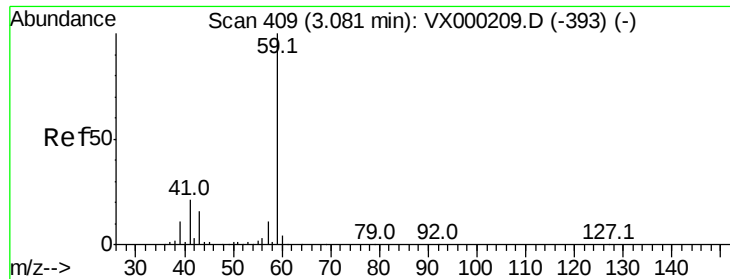


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

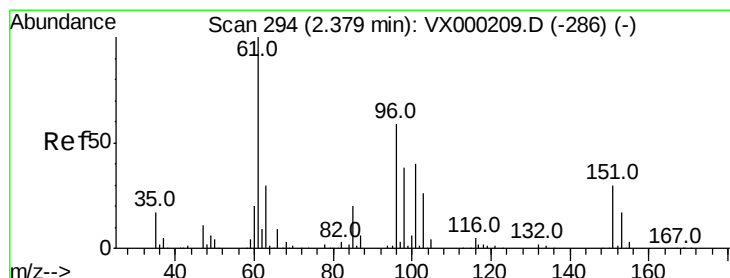
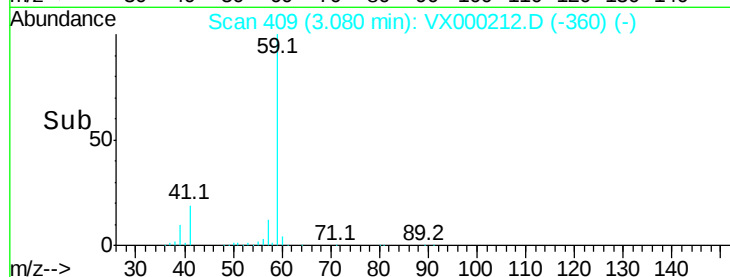
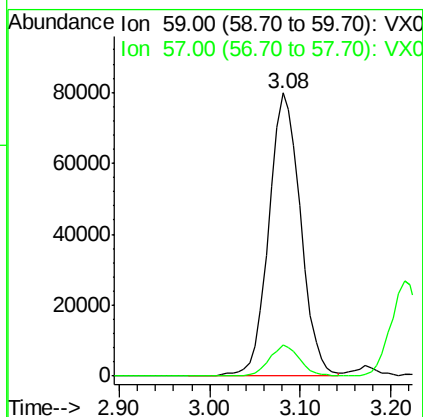
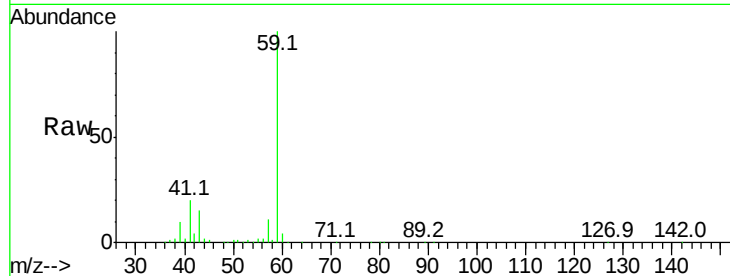




#11
Tert butyl alcohol
Concen: 253.699 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

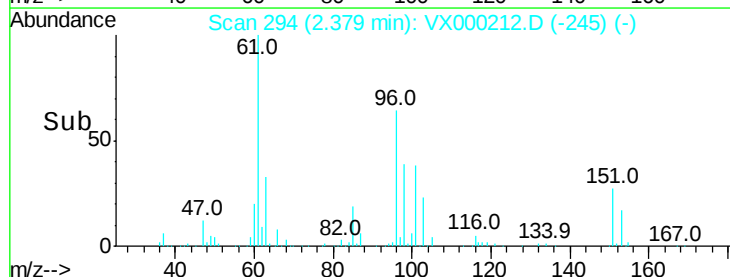
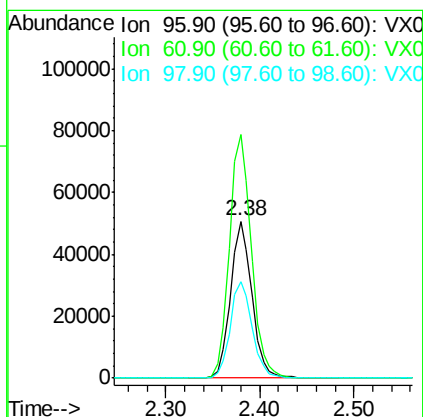
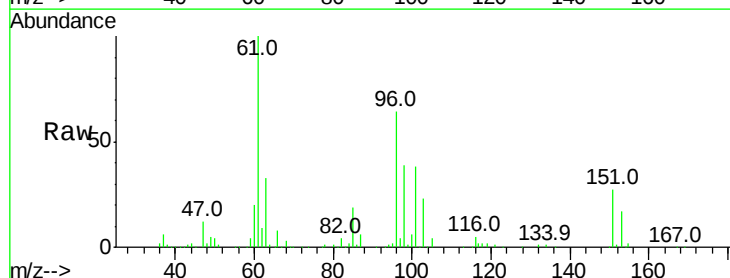
Instrument :
MSVOA_X
ClientSampleId :

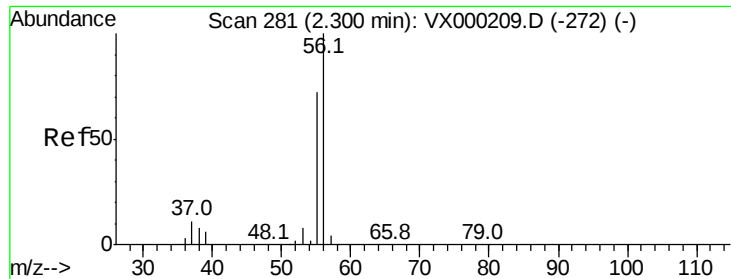
Tot Ion: 59 Resp: 193545
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6



#12
1,1-Dichloroethene
Concen: 50.569 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Tgt Ion: 96 Resp: 79882
Ion Ratio Lower Upper
96 100
61 155.3 135.8 203.6
98 61.3 51.1 76.7

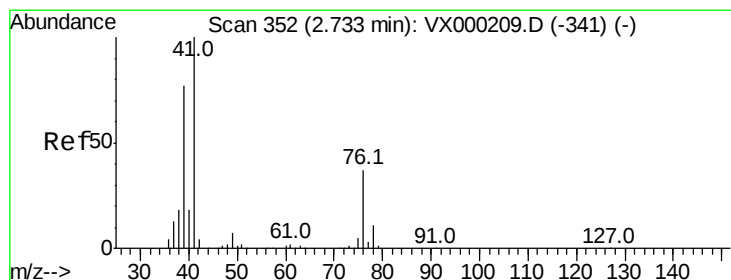
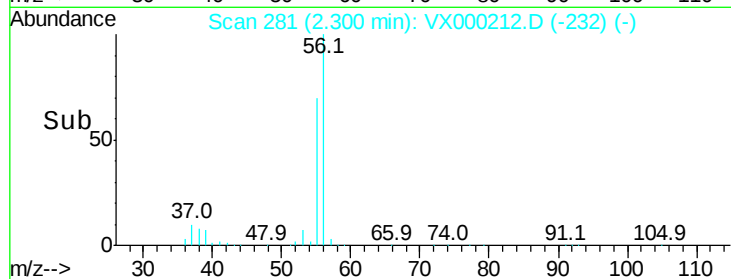
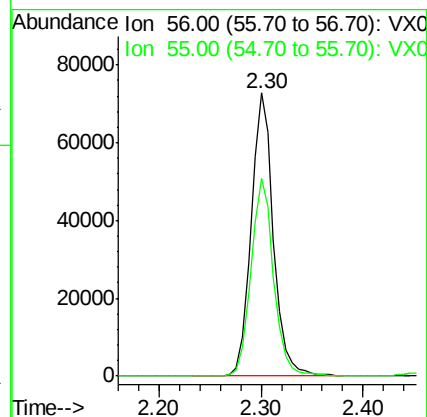
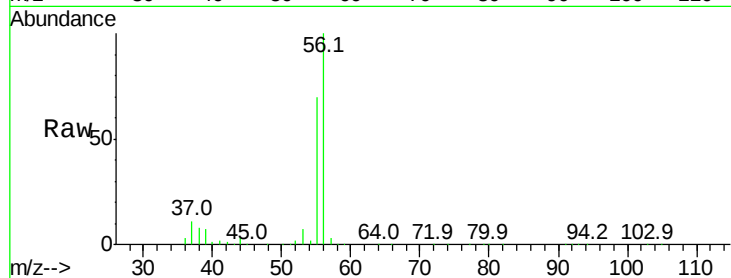




#13
 Acrolein
 Concen: 274.559 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: VX000212.D
 Acq: 07 Mar 2018 15:07

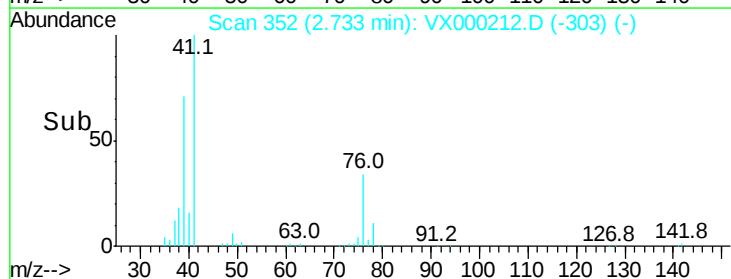
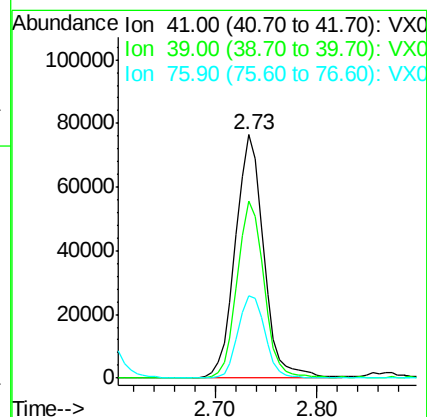
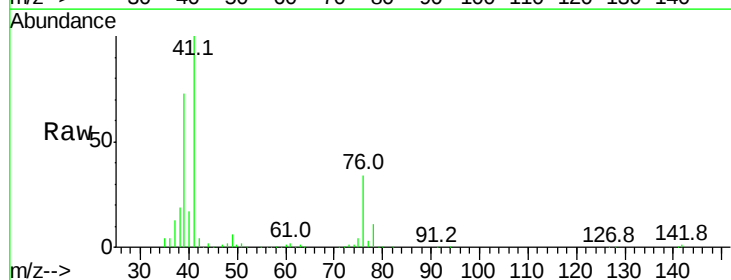
Instrument :
 MSVOA_X
 ClientSampleId :

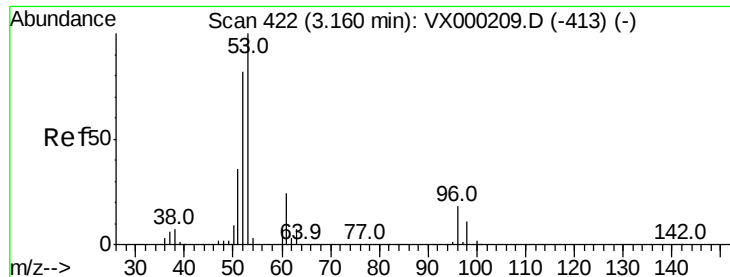
Tot Ion: 56 Resp: 110121
 Ion Ratio Lower Upper
 56 100
 55 71.1 59.2 88.8



#14
 Allyl chloride
 Concen: 50.310 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VX000212.D
 Acq: 07 Mar 2018 15:07

Tgt Ion: 41 Resp: 146805
 Ion Ratio Lower Upper
 41 100
 39 68.3 57.0 85.6
 76 32.4 26.8 40.2





#15

Acrylonitrile

Concen: 258.050 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

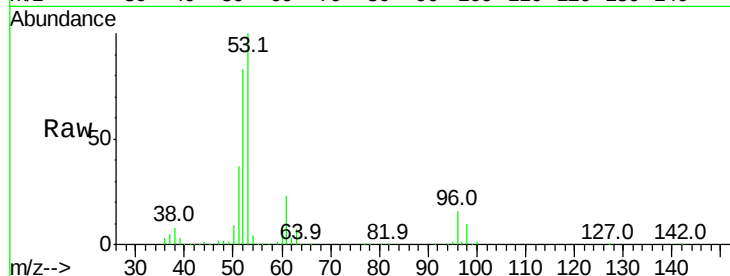
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 53 Resp: 342599

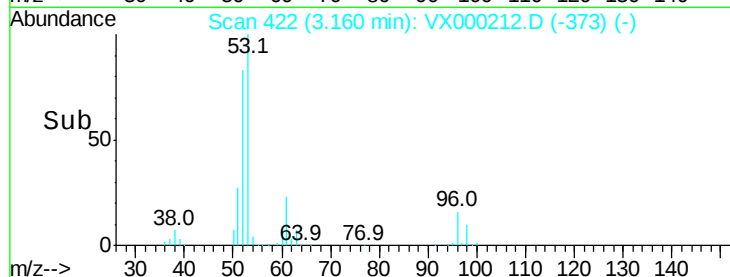
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.3	99.5
51	36.9	29.6	44.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

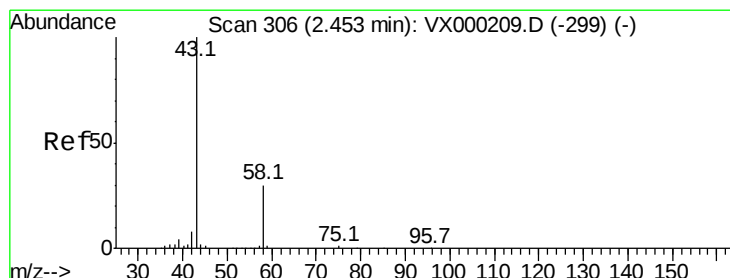
Ion 51.00 (50.70 to 51.70): VX0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 240.762 ug/l

RT: 2.45 min Scan# 306

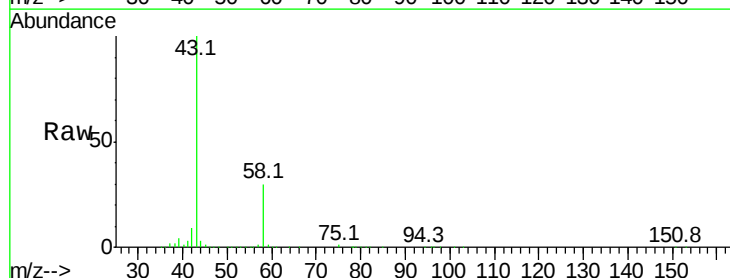
Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

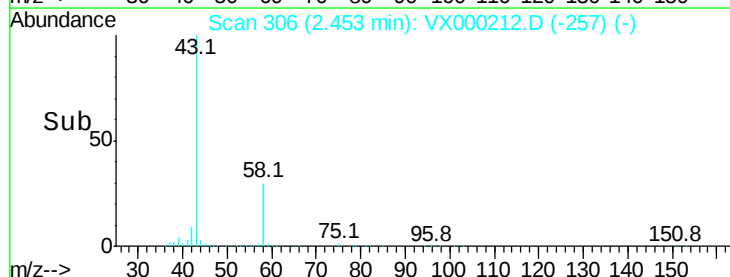
Tgt Ion: 43 Resp: 358984

Ion	Ratio	Lower	Upper
43	100		
58	29.7	23.8	35.6



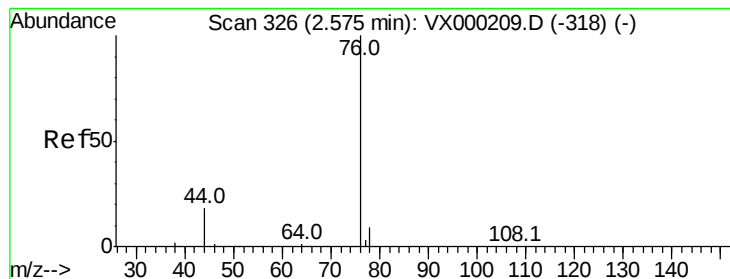
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 51.435 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

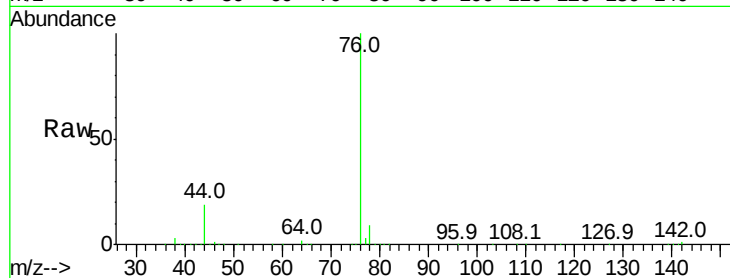
ClientSampled :

Tot Ion: 76 Resp: 222624

Ion Ratio Lower Upper

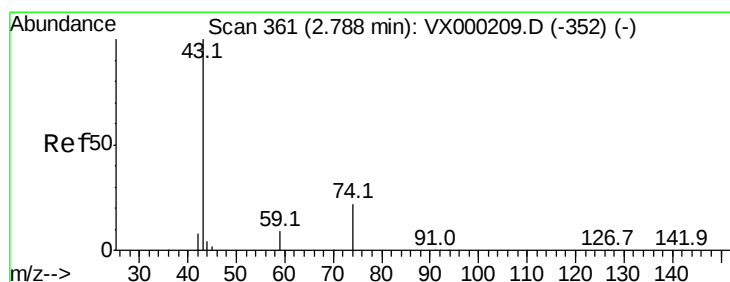
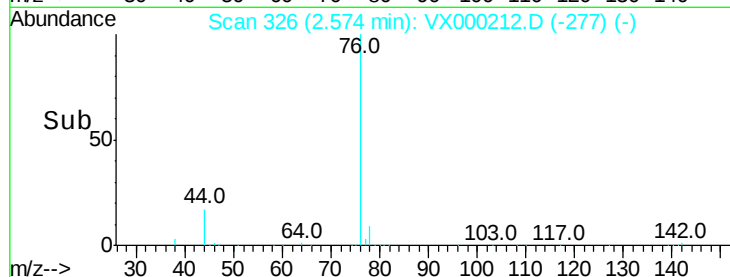
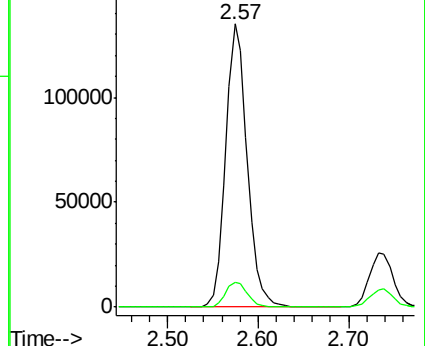
76 100

78 8.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.293 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000212.D

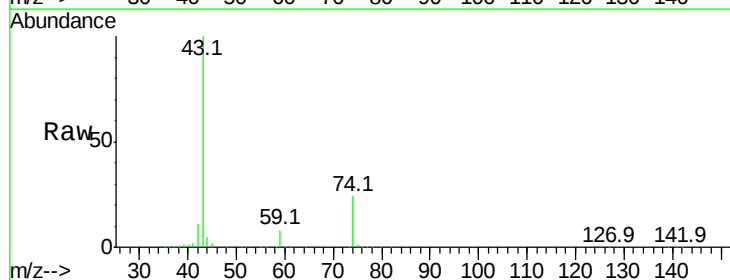
Acq: 07 Mar 2018 15:07

Tgt Ion: 43 Resp: 159694

Ion Ratio Lower Upper

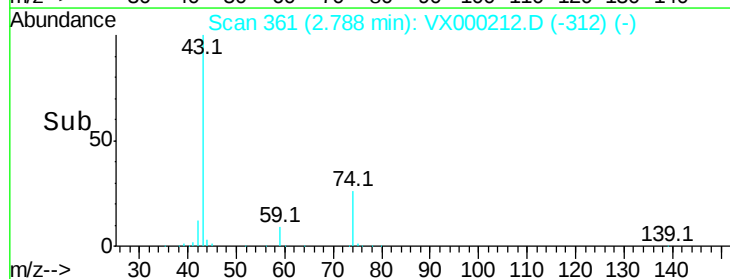
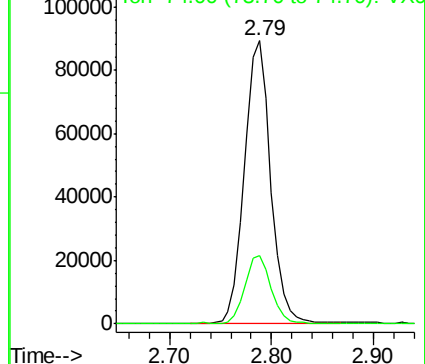
43 100

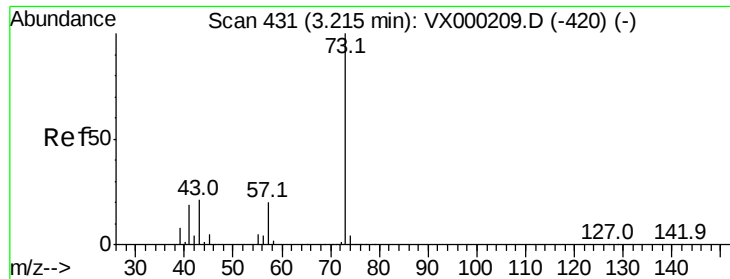
74 24.1 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

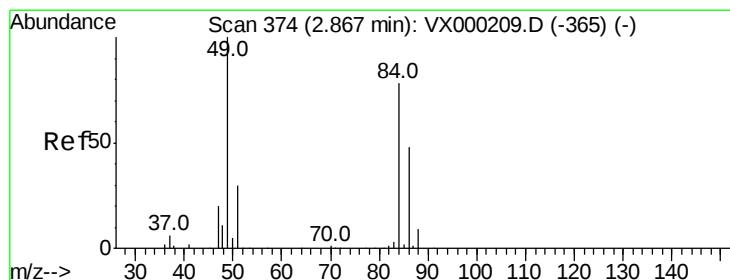
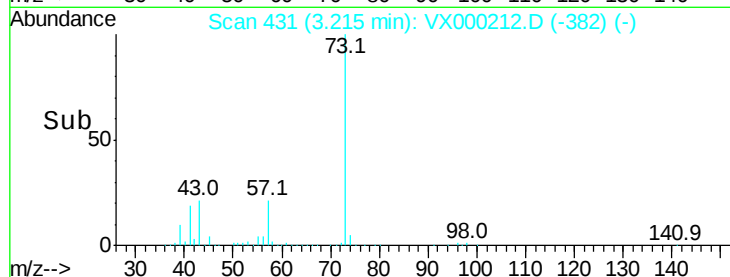
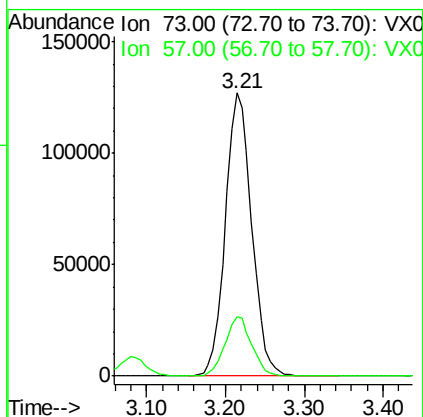
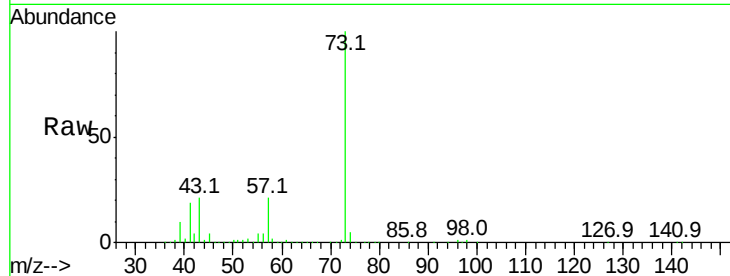




#19
Methyl tert-butyl Ether
Concen: 52.364 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

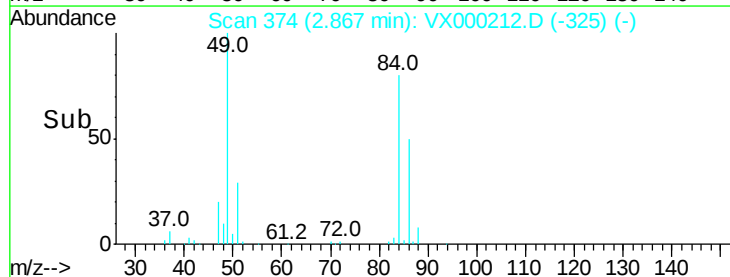
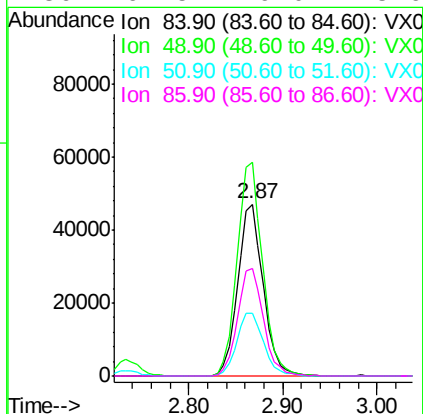
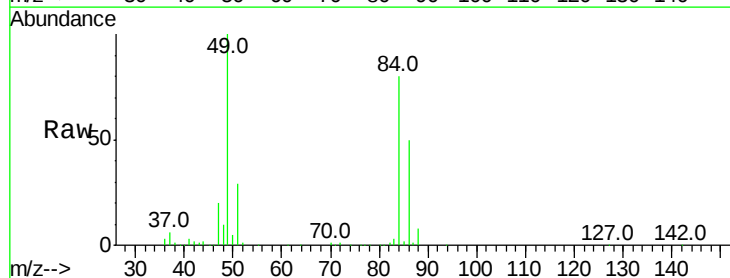
Instrument :
MSVOA_X
ClientSampled :

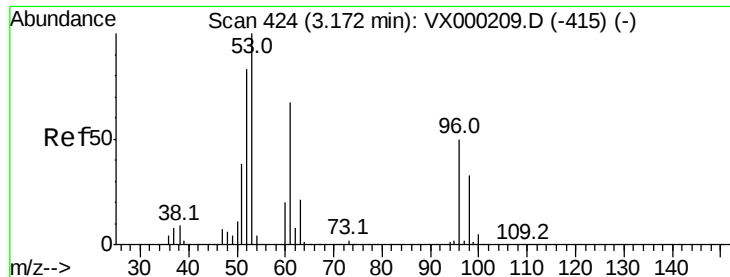
Tot Ion: 73 Resp: 294576
Ion Ratio Lower Upper
73 100
57 21.1 16.3 24.5



#20
Methylene Chloride
Concen: 49.730 ug/l
RT: 2.87 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Tgt Ion: 84 Resp: 88431
Ion Ratio Lower Upper
84 100
49 124.4 102.1 153.1
51 36.4 30.6 45.8
86 62.5 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 50.325 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

ClientSampleId :

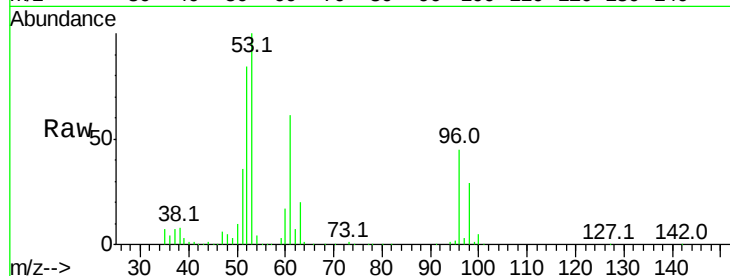
Tot Ion: 96 Resp: 87432

Ion Ratio Lower Upper

96 100

61 134.9 107.0 160.4

98 64.1 51.8 77.8



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

80000

60000

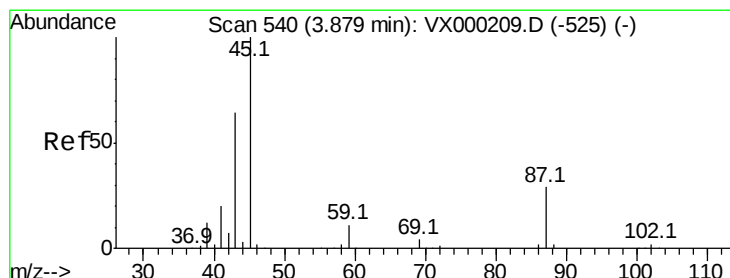
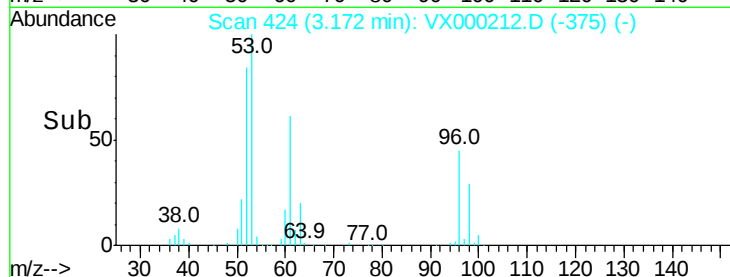
40000

20000

0

3.10 3.20 3.30

Time-->



#22

Diisopropyl ether

Concen: 45.839 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Tgt Ion: 45 Resp: 229704

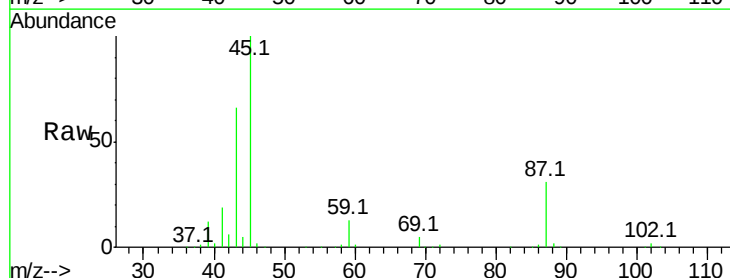
Ion Ratio Lower Upper

45 100

43 66.1 53.5 80.3

87 30.5 23.3 34.9

59 12.6 9.0 13.6



Abundance

Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

600000

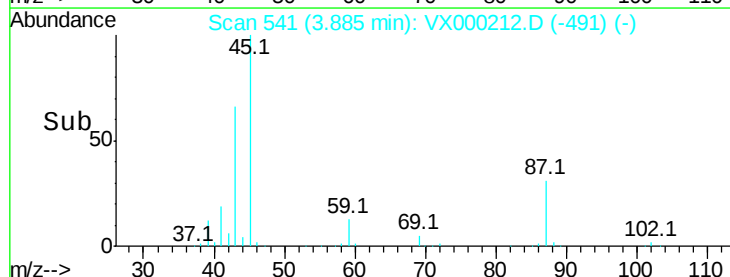
400000

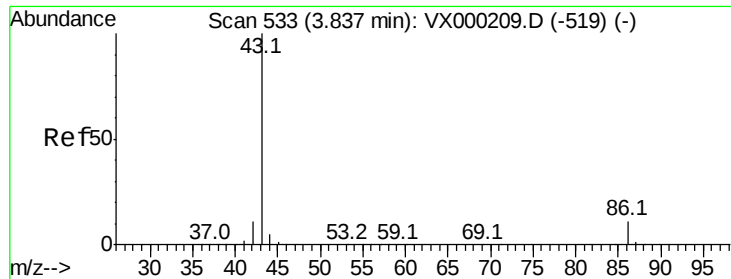
200000

0

3.70 3.80 3.90 4.00

Time-->





#23

Vinyl Acetate

Concen: 231.465 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

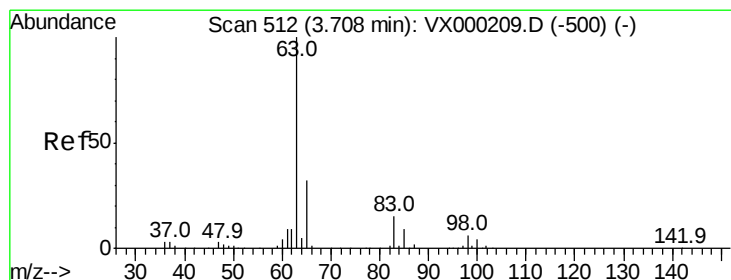
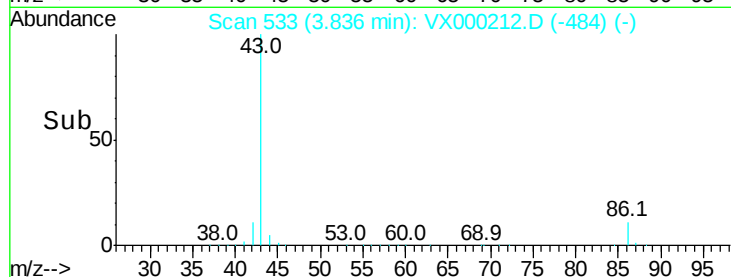
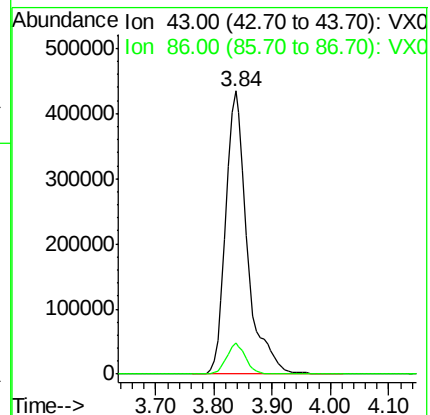
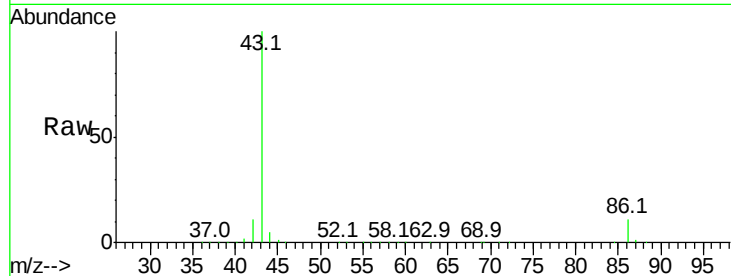
ClientSampleId :

Tot Ion: 43 Resp: 1117851

Ion Ratio Lower Upper

43 100

86 10.8 8.5 12.7



#24

1,1-Dichloroethane

Concen: 48.264 ug/l

RT: 3.71 min Scan# 512

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

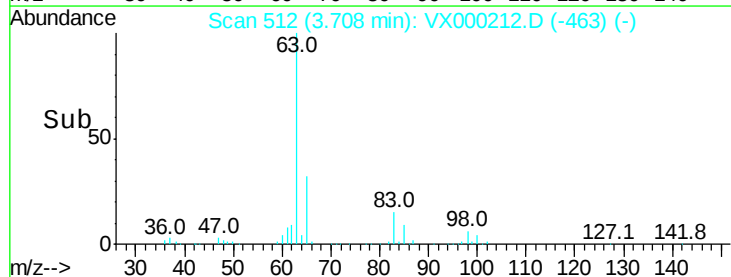
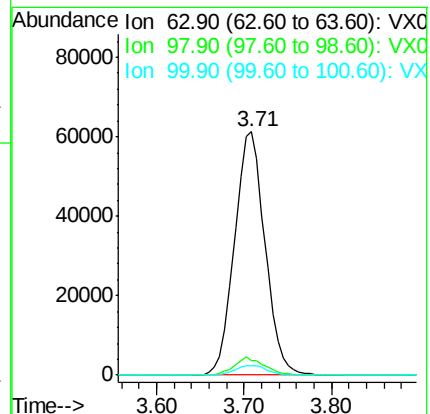
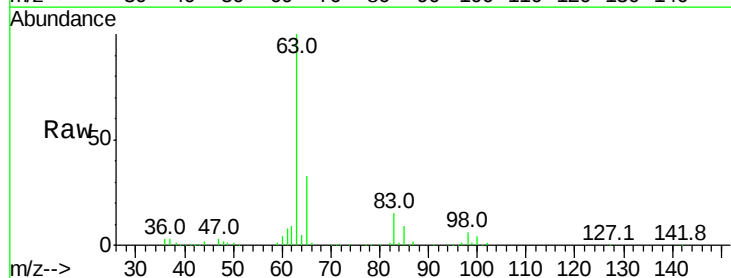
Tgt Ion: 63 Resp: 148265

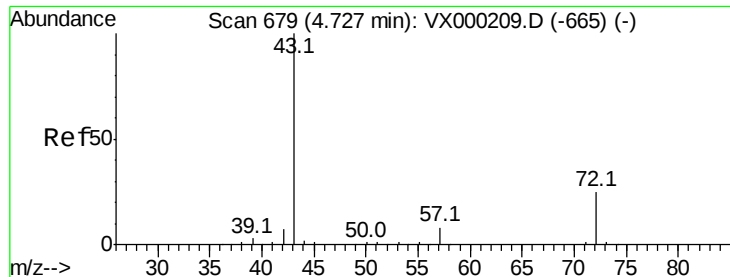
Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.4

100 3.9 2.2 6.6





#25

2-Butanone

Concen: 250.503 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

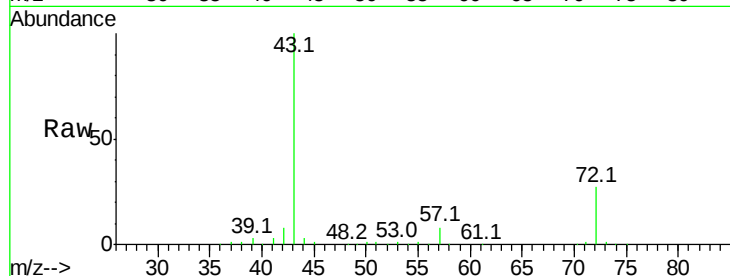
ClientSampleId :

Tot Ion: 43 Resp: 460942

Ion Ratio Lower Upper

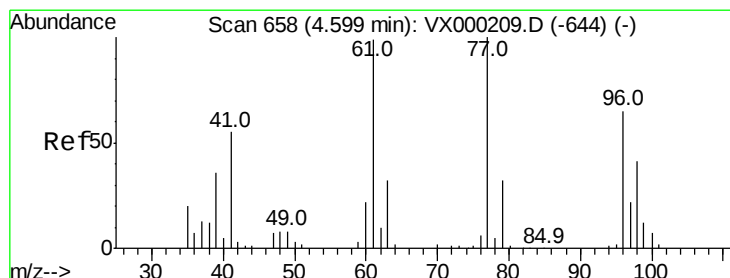
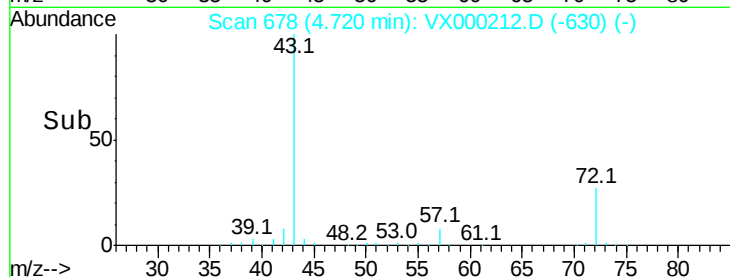
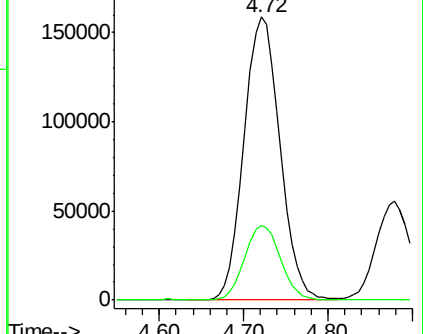
43 100

72 26.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.630 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000212.D

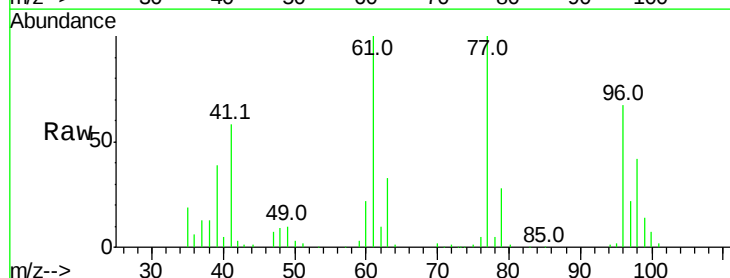
Acq: 07 Mar 2018 15:07

Tgt Ion: 77 Resp: 111437

Ion Ratio Lower Upper

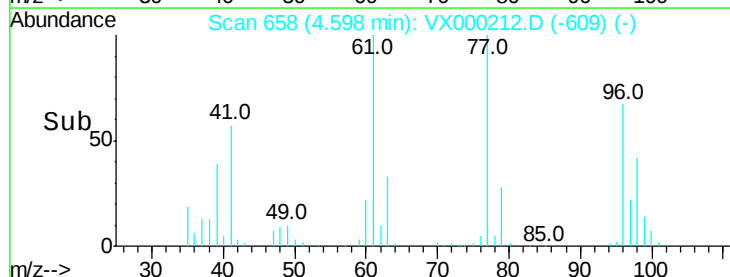
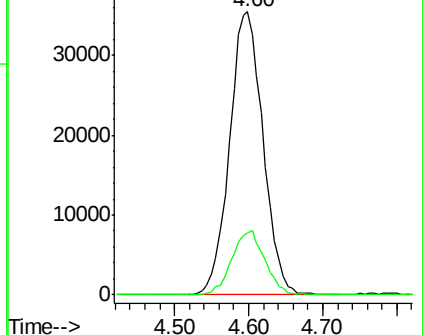
77 100

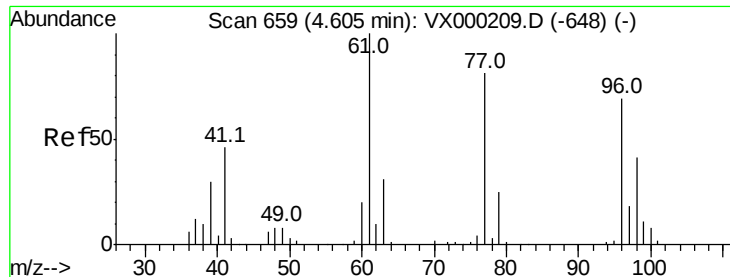
97 22.3 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



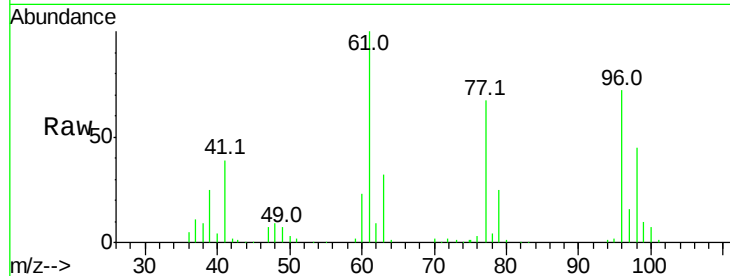


#27

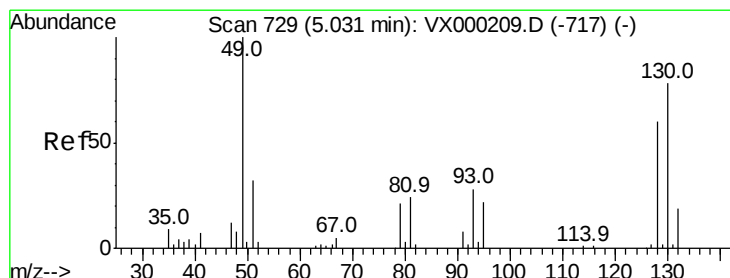
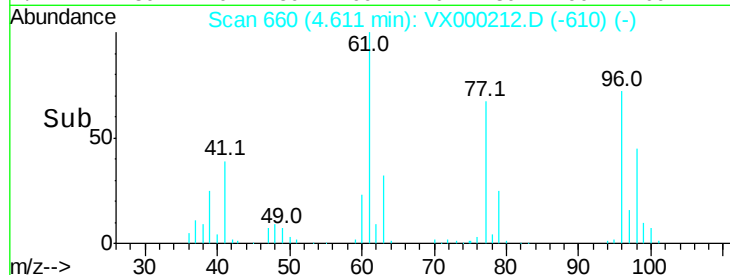
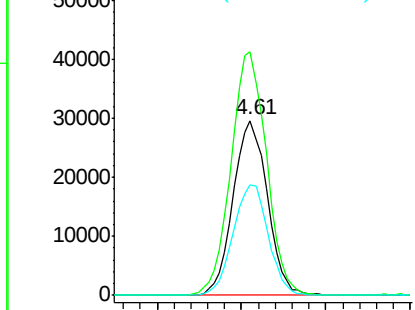
cis-1,2-Dichloroethene
 Concen: 49.415 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000212.D
 Acq: 07 Mar 2018 15:07

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 96 Resp: 81402
 Ion Ratio Lower Upper
 96 100
 61 144.6 0.0 296.4
 98 64.6 0.0 130.6



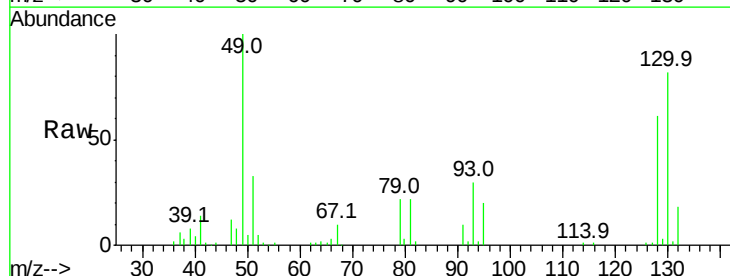
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



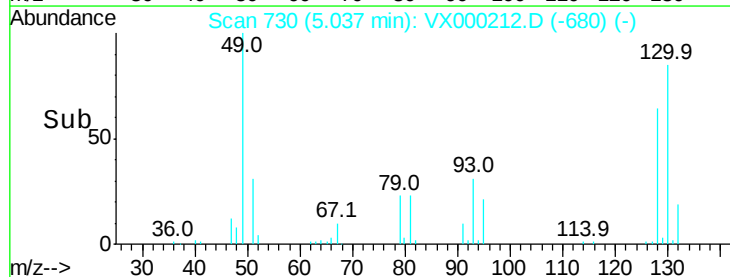
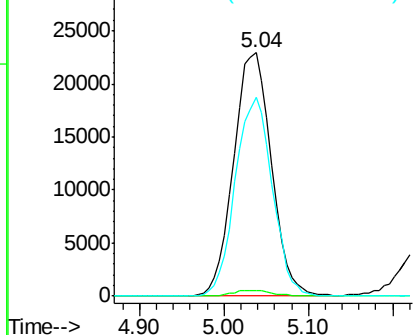
#28

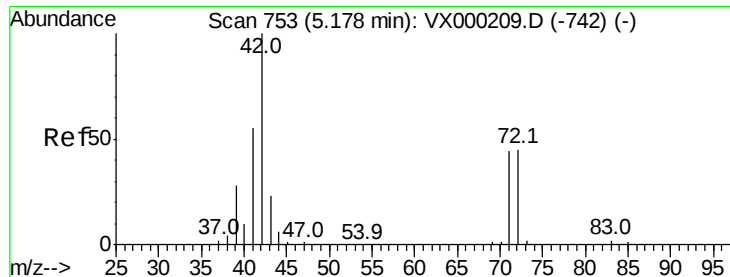
Bromochloromethane
 Concen: 53.428 ug/l
 RT: 5.04 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: VX000212.D
 Acq: 07 Mar 2018 15:07

Tgt Ion: 49 Resp: 69756
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.0
 130 79.9 63.5 95.3



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

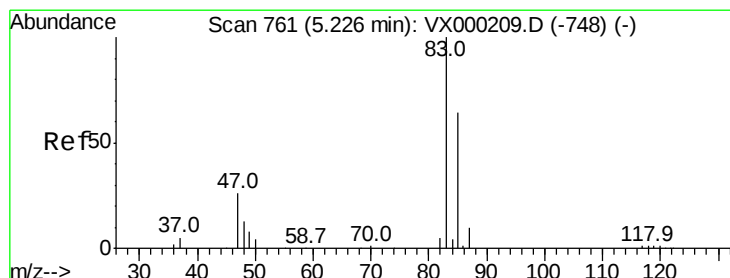
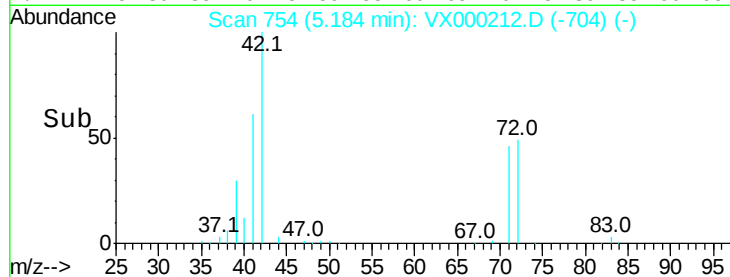
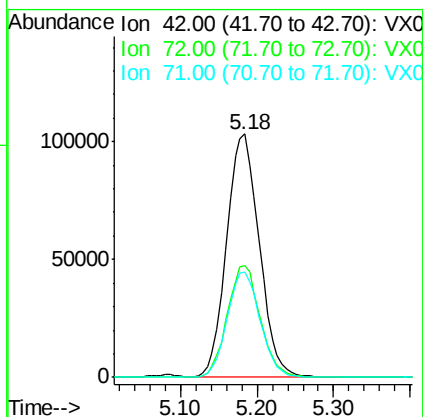
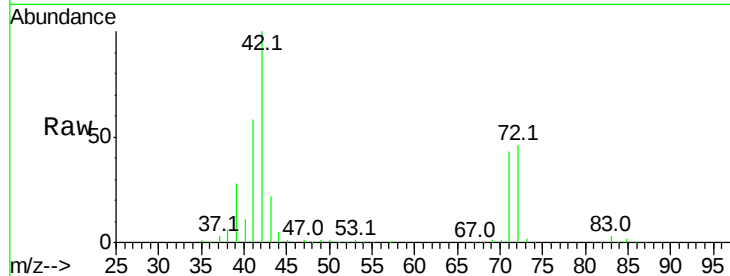




#29
Tetrahydrofuran
Concen: 263.678 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

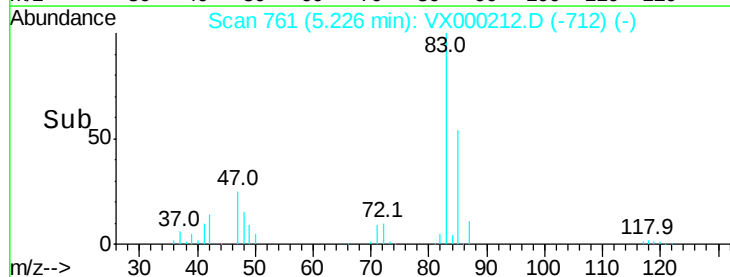
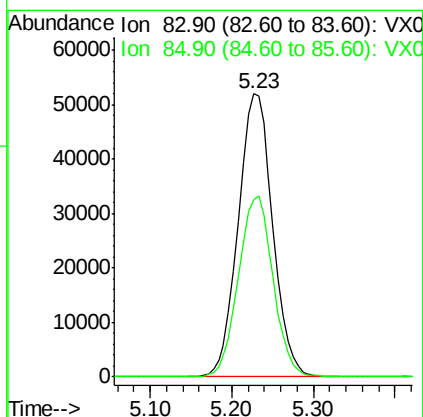
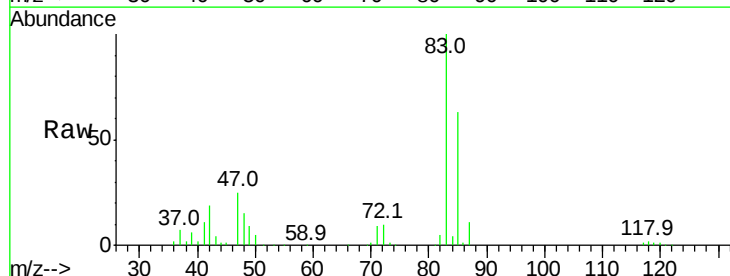
Instrument :
MSVOA_X
ClientSampleId :

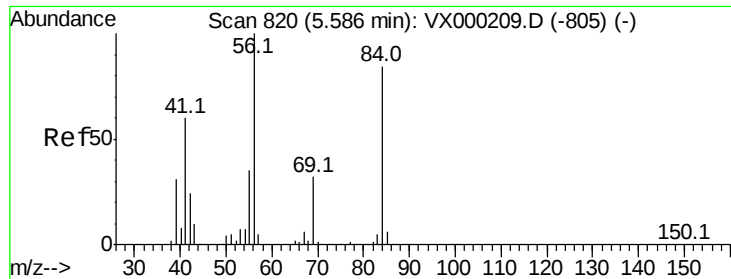
Tot Ion: 42 Resp: 304736
Ion Ratio Lower Upper
42 100
72 46.3 37.3 55.9
71 43.9 35.0 52.4



#30
Chloroform
Concen: 51.252 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Tgt Ion: 83 Resp: 152221
Ion Ratio Lower Upper
83 100
85 62.7 51.0 76.6

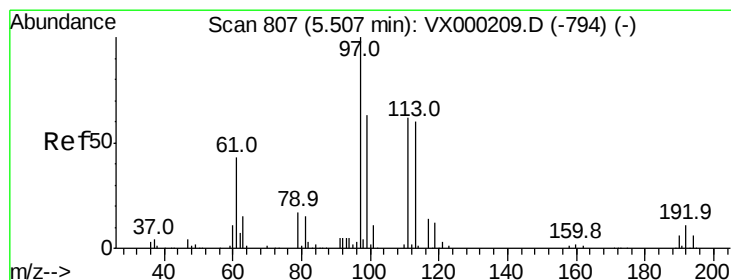
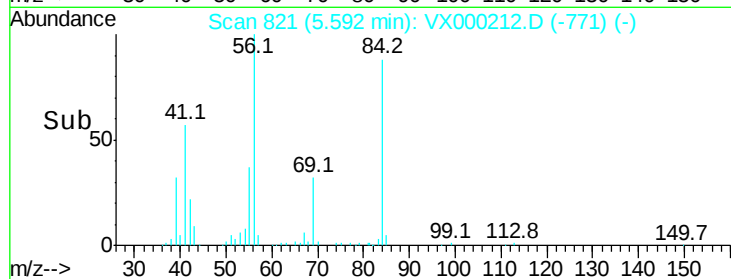
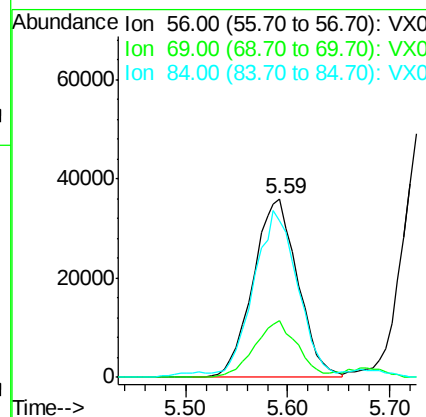
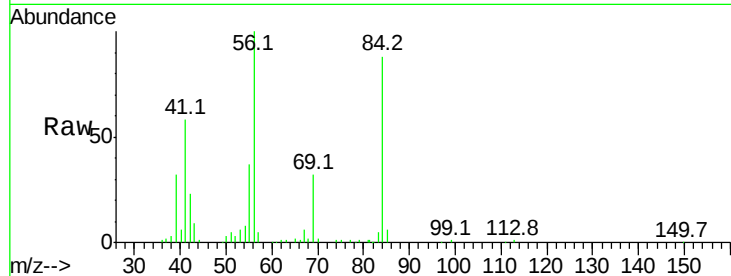




#31
Cyclohexane
Concen: 48.093 ug/l
RT: 5.59 min Scan# 821
Delta R.T. 0.01 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

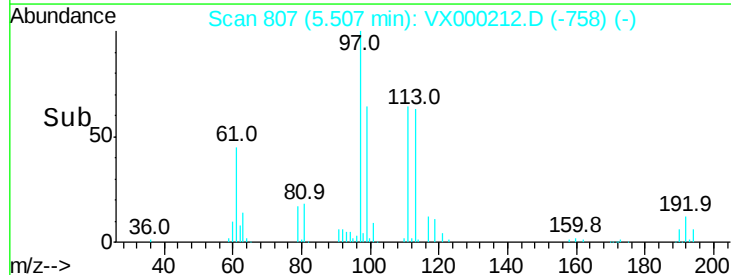
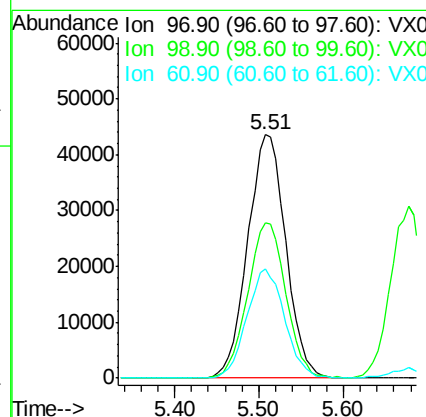
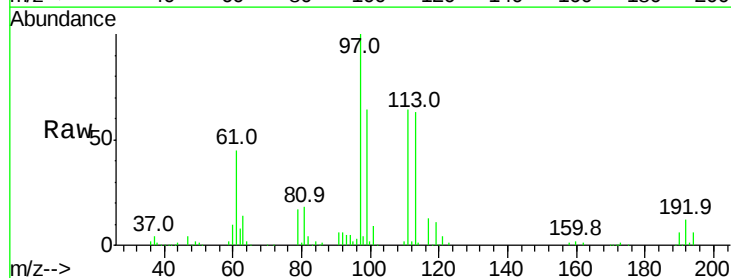
Instrument :
MSVOA_X
ClientSampleId :

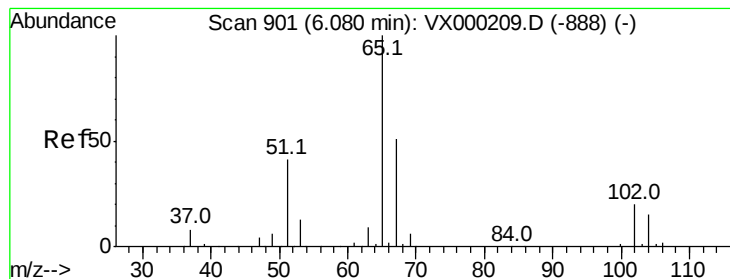
Tot Ion: 56 Resp: 109254
Ion Ratio Lower Upper
56 100
69 31.8 25.3 37.9
84 85.3 67.2 100.8



#32
1,1,1-Trichloroethane
Concen: 52.168 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Tgt Ion: 97 Resp: 134342
Ion Ratio Lower Upper
97 100
99 63.9 50.9 76.3
61 44.4 35.4 53.0





#33

1,2-Dichloroethane-d4

Concen: 52.646 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

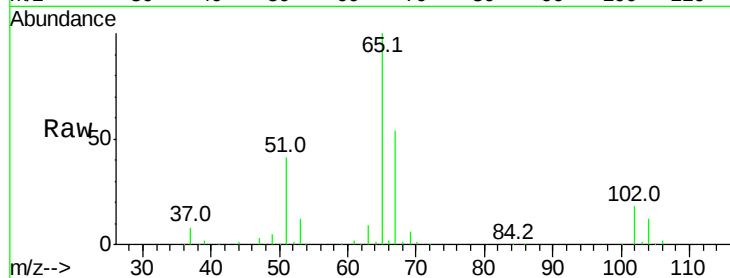
ClientSampleId :

Tot Ion: 65 Resp: 109303

Ion Ratio Lower Upper

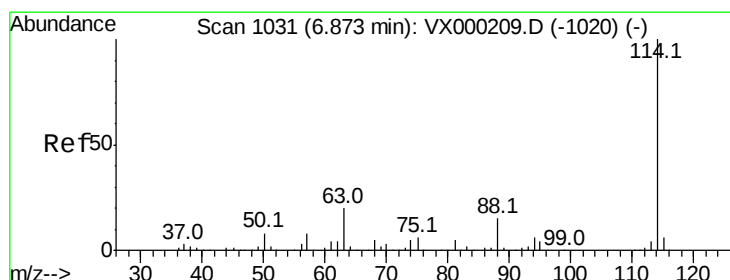
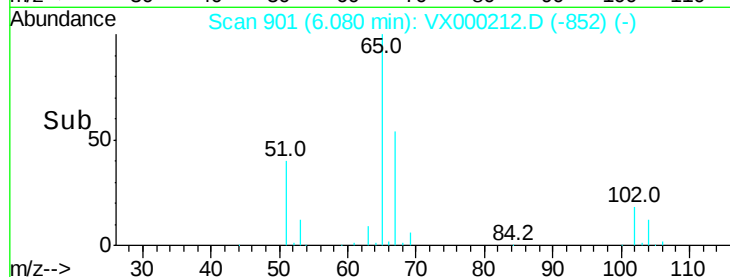
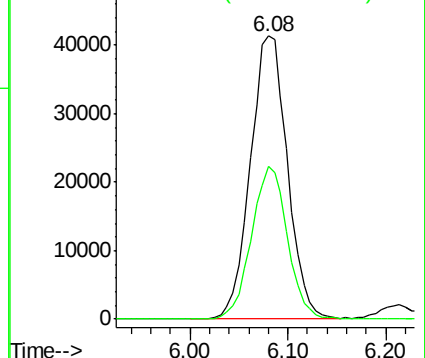
65 100

67 52.2 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

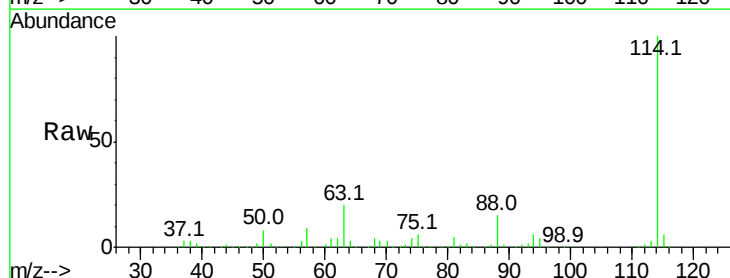
Tgt Ion: 114 Resp: 255083

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

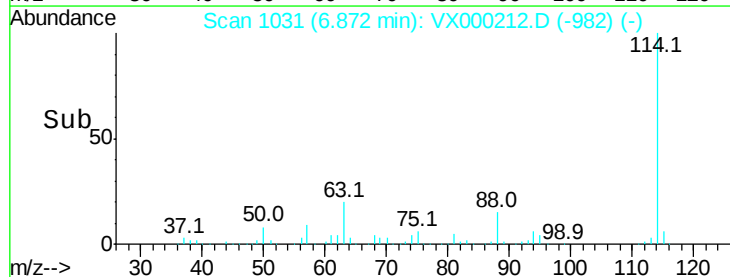
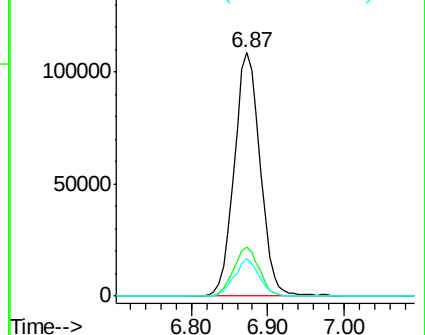
88 15.4 0.0 29.8

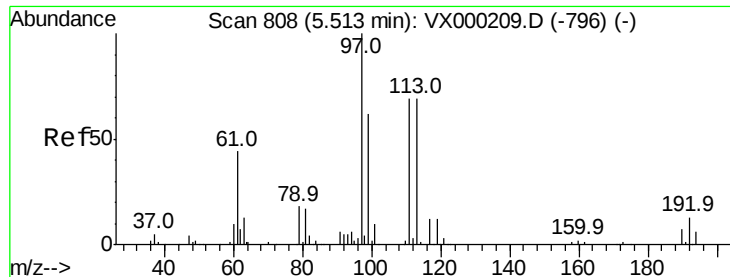


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 55.076 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :
MSVOA_X
ClientSampleId :

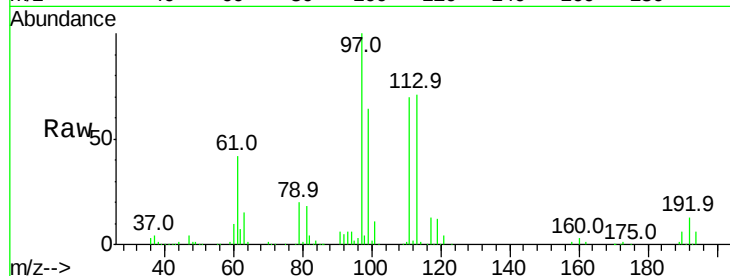
Tot Ion:113 Resp: 88250

Ion Ratio Lower Upper

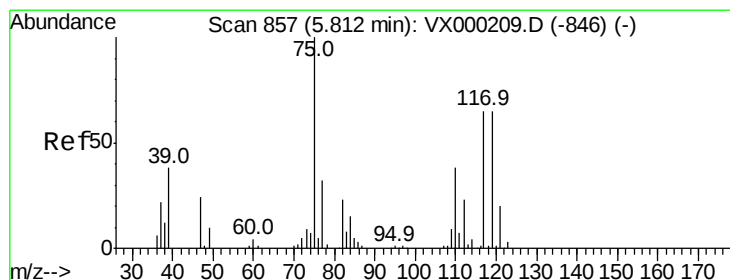
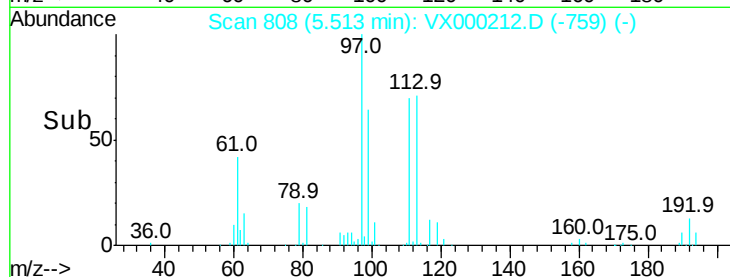
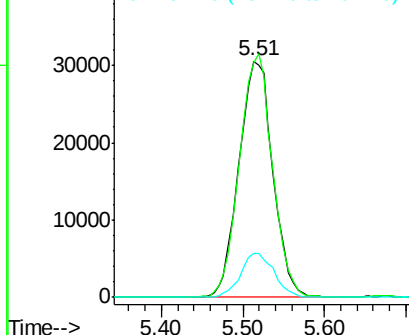
113 100

111 100.4 83.0 124.6

192 18.5 15.5 23.3



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: 47.564 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

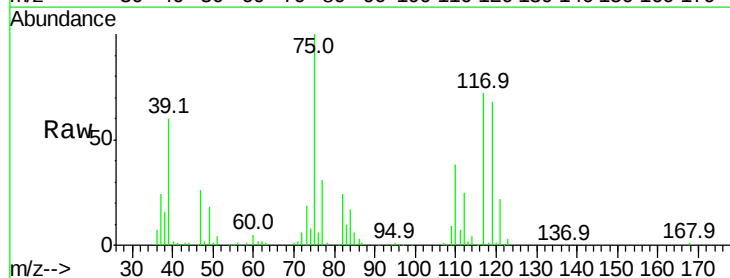
Tgt Ion: 75 Resp: 107958

Ion Ratio Lower Upper

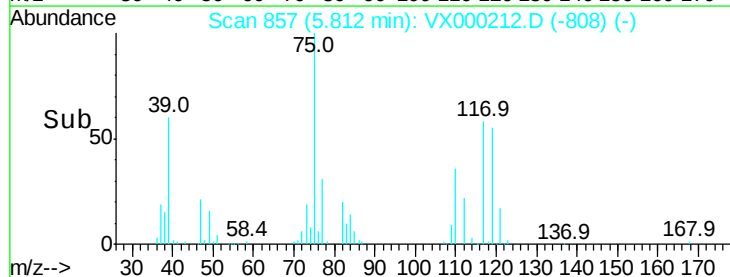
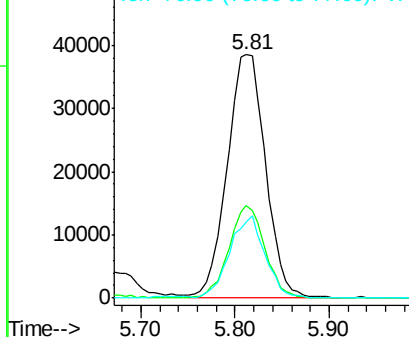
75 100

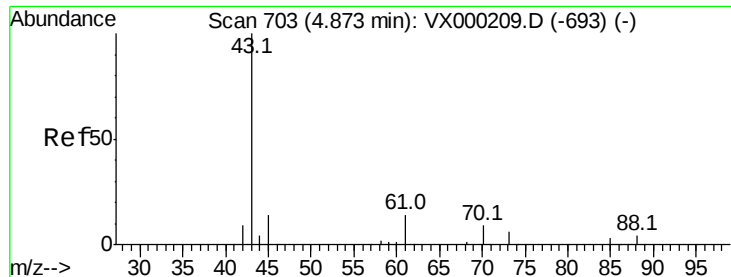
110 36.0 17.8 53.5

77 31.4 24.9 37.3



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: 48.870 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.01 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

ClientSampleId :

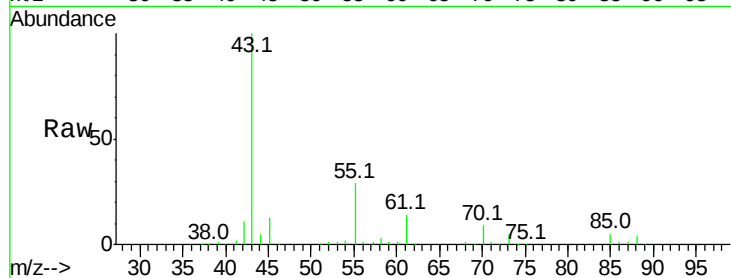
Tot Ion: 43 Resp: 160299

Ion Ratio Lower Upper

43 100

61 13.7 11.0 16.6

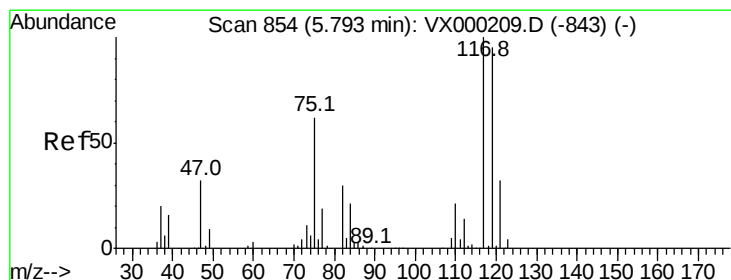
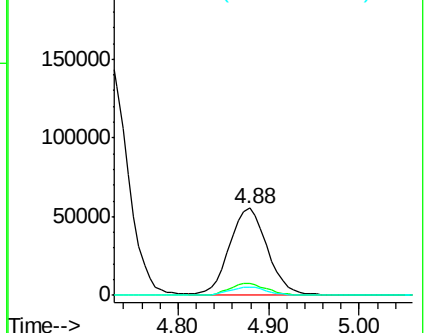
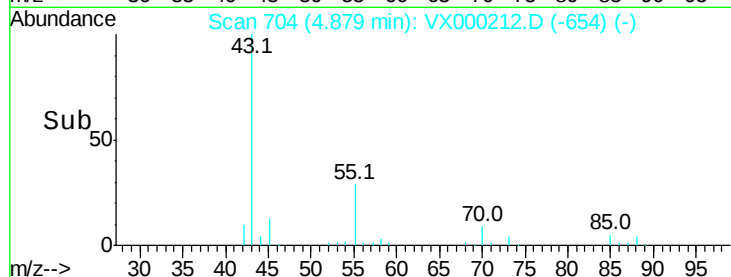
70 9.7 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.426 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

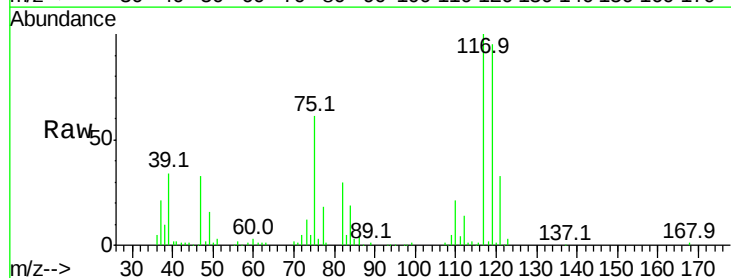
Tgt Ion: 117 Resp: 113530

Ion Ratio Lower Upper

117 100

119 95.5 75.9 113.9

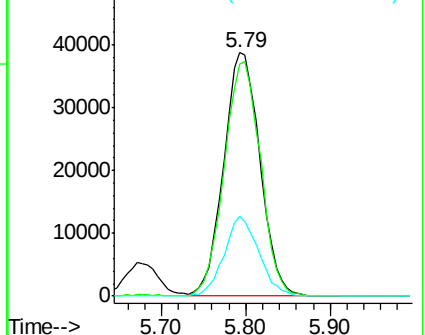
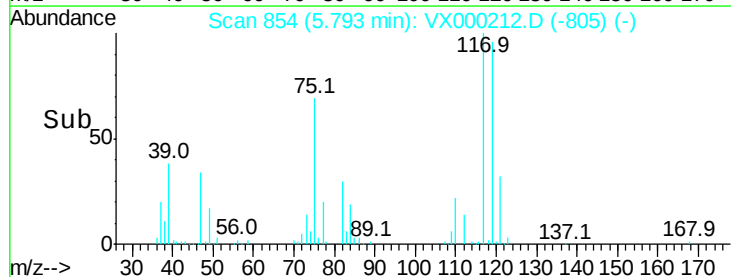
121 32.6 25.8 38.6

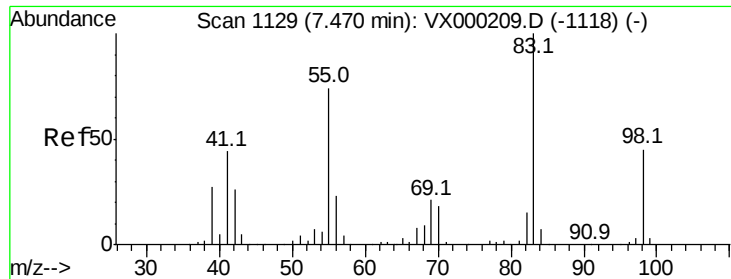


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

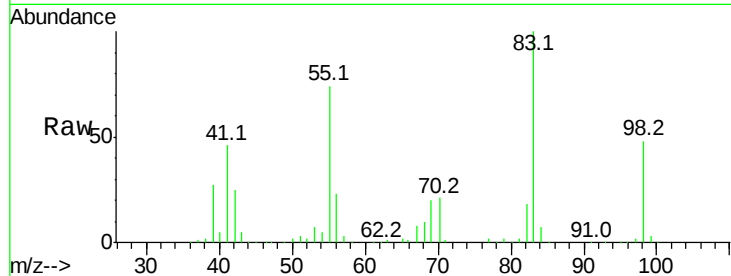




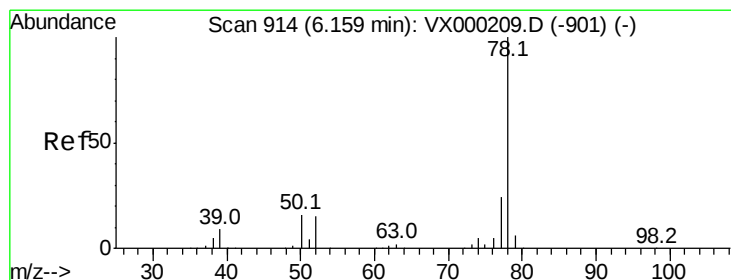
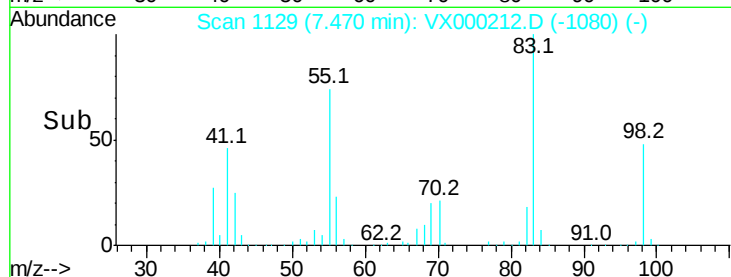
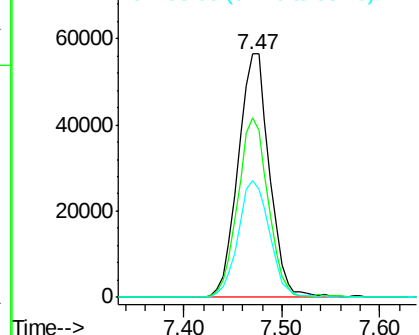
#39
Methvlcvclohexane
Concen: 45.162 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 125774
Ion Ratio Lower Upper
83 100
55 73.6 59.4 89.0
98 47.9 36.3 54.5

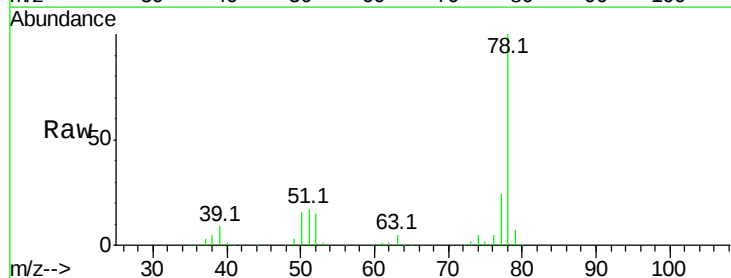


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

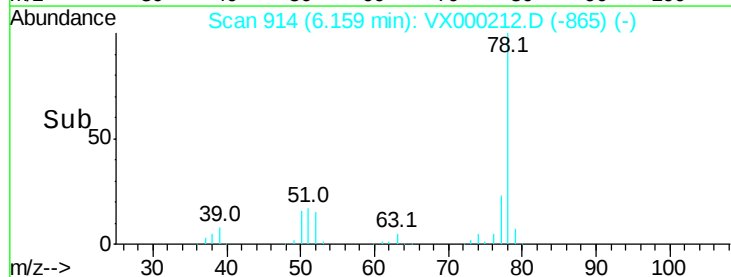
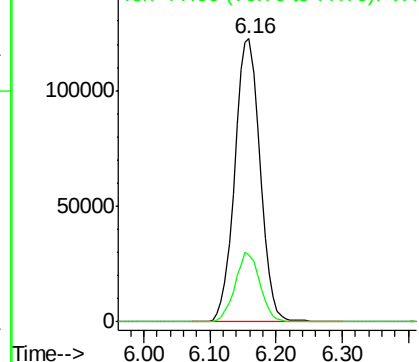


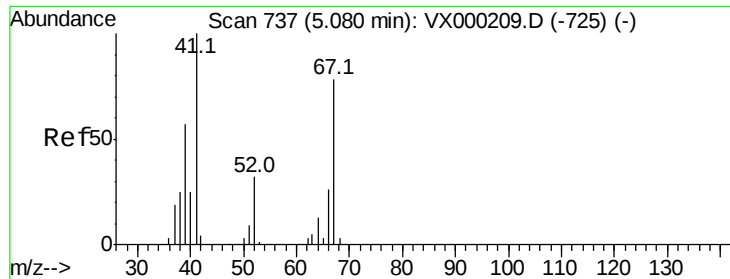
#40
Benzene
Concen: 49.745 ug/l
RT: 6.16 min Scan# 914
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Tgt Ion: 78 Resp: 325632
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.2



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

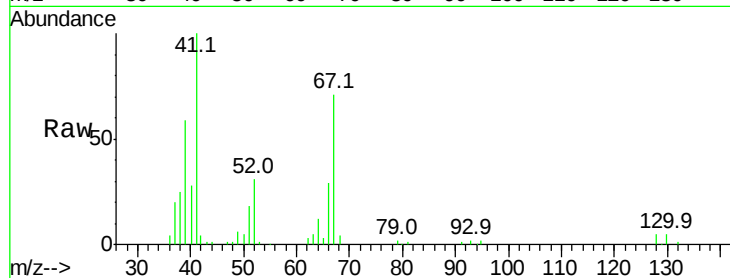




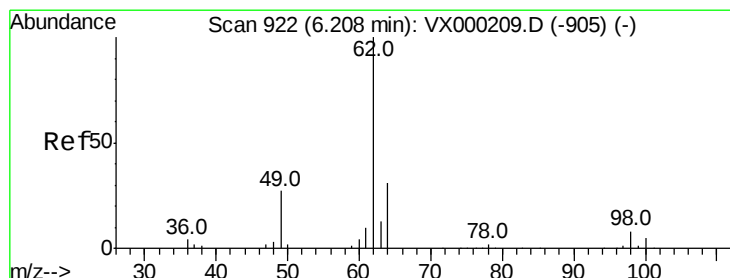
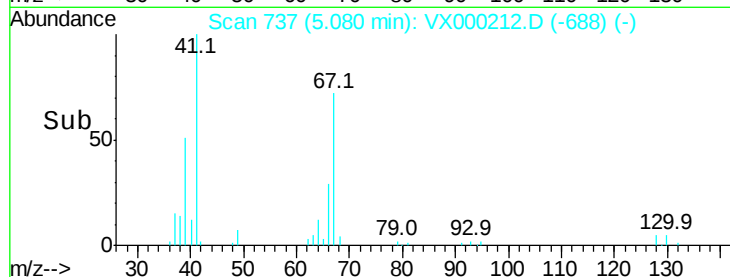
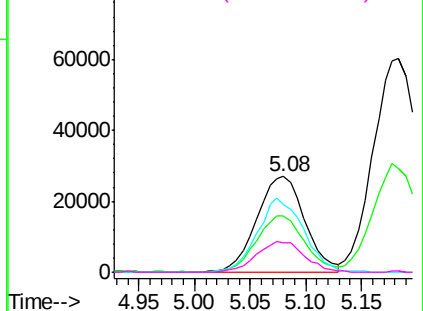
#41
Methacrylonitrile
Concen: 48.500 ug/l
RT: 5.08 min Scan# 737
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 81090
Ion Ratio Lower Upper
41 100
39 57.8 47.8 71.6
67 74.6 59.3 88.9
52 32.7 26.4 39.6

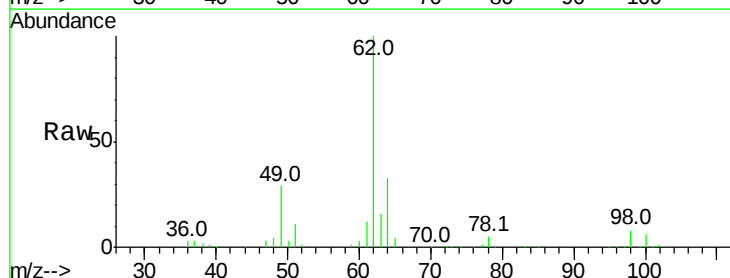


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

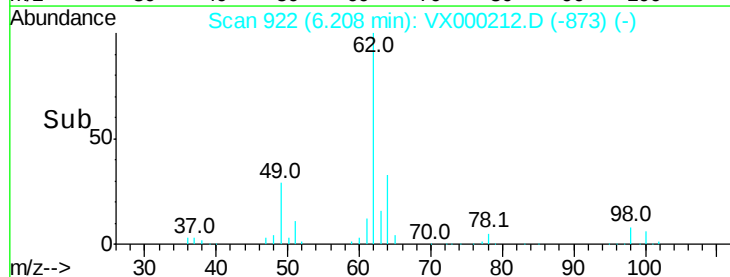
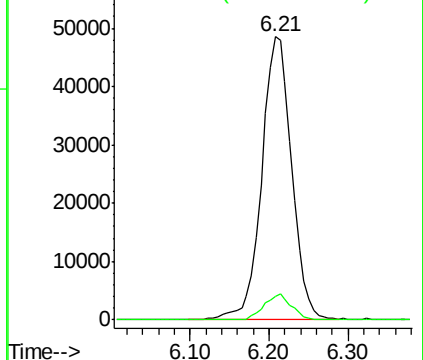


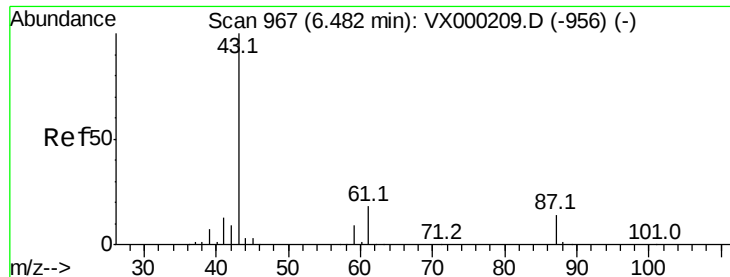
#42
1,2-Dichloroethane
Concen: 49.918 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Tgt Ion: 62 Resp: 128168
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.2



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



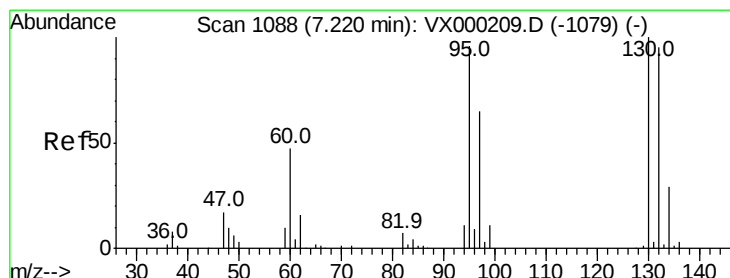
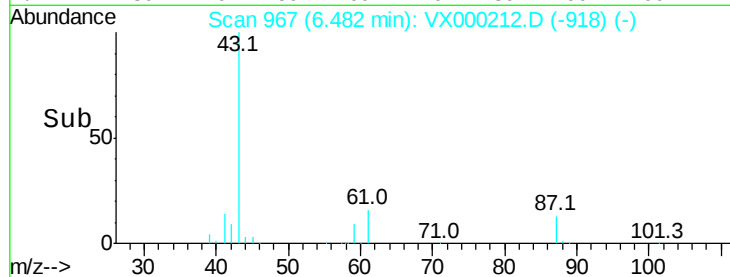
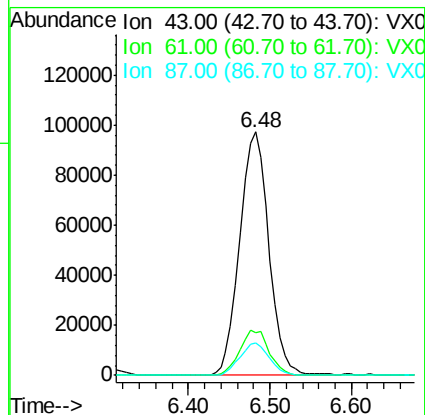
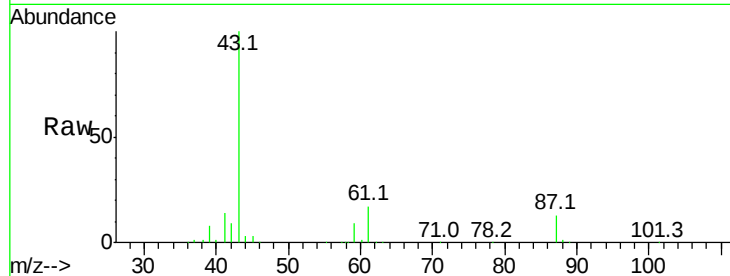


#43

Isopropyl Acetate
 Concen: 50.665 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VX000212.D
 Acq: 07 Mar 2018 15:07

Instrument :
 MSVOA_X
 ClientSampleId :

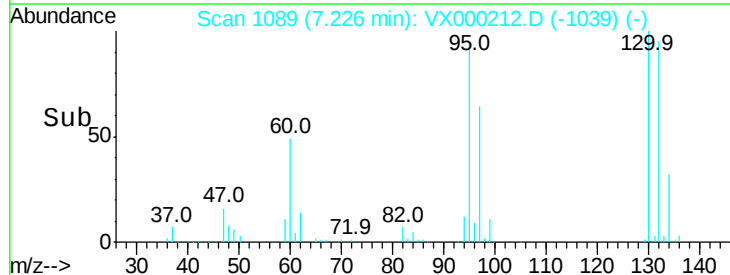
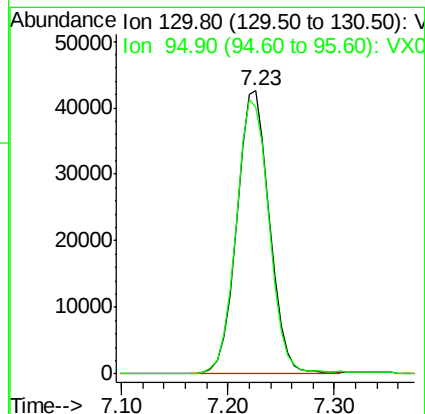
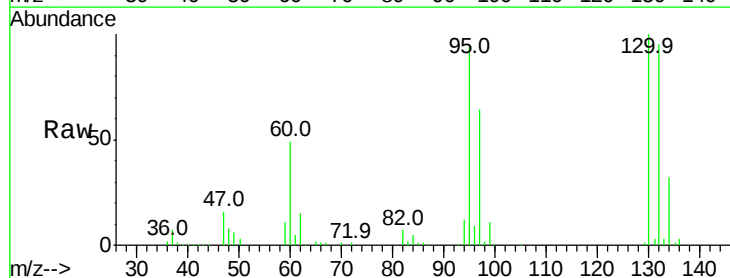
Tot Ion	43	61	87
Ion	43	61	87
Ratio	100	18.9	13.6
Lower		14.8	10.6
Upper		22.2	16.0

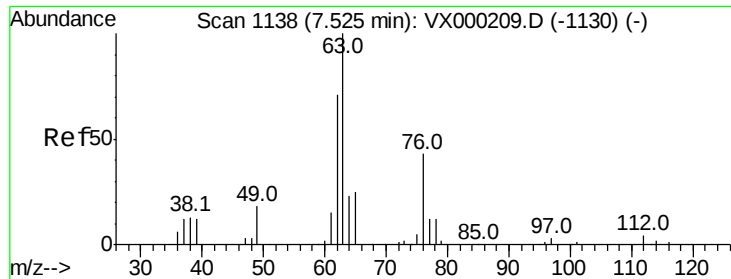


#44

Trichloroethene
 Concen: 48.828 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000212.D
 Acq: 07 Mar 2018 15:07

Tgt Ion	130	95
Ion	130	95
Ratio	100	94.3
Lower		0.0
Upper		191.8





#45

1,2-Dichloropropane

Concen: 50.896 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

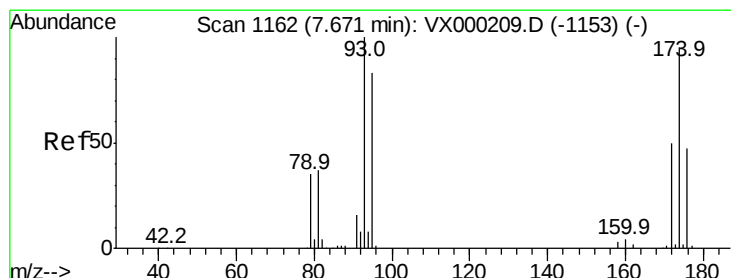
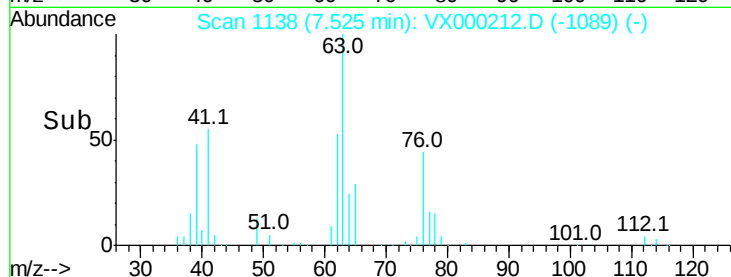
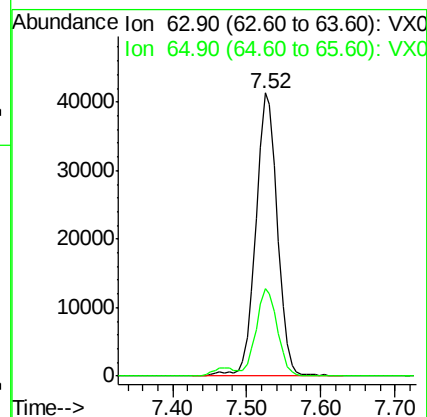
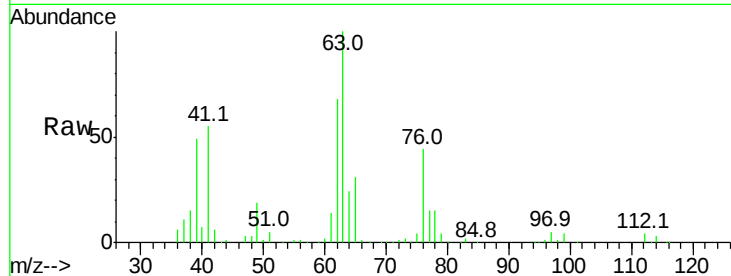
ClientSampled :

Tot Ion: 63 Resp: 84386

Ion Ratio Lower Upper

63 100

65 30.8 22.3 33.5



#46

Dibromomethane

Concen: 50.307 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

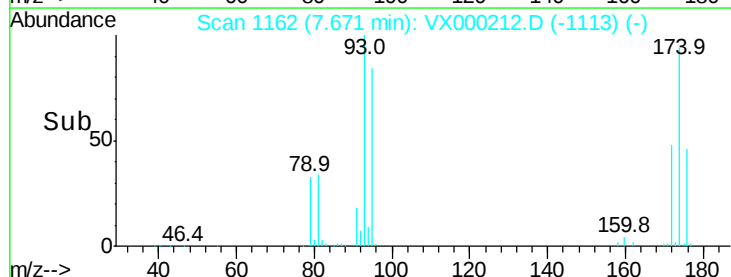
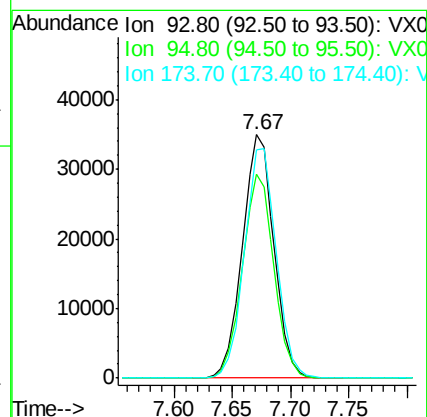
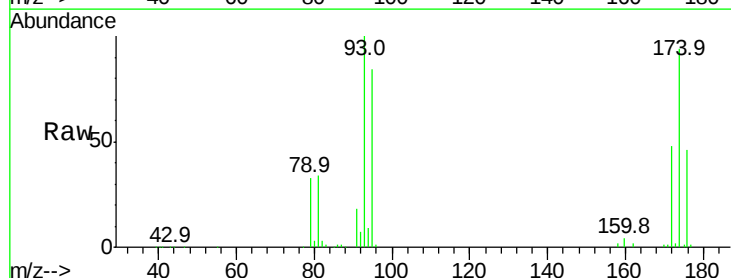
Tgt Ion: 93 Resp: 65988

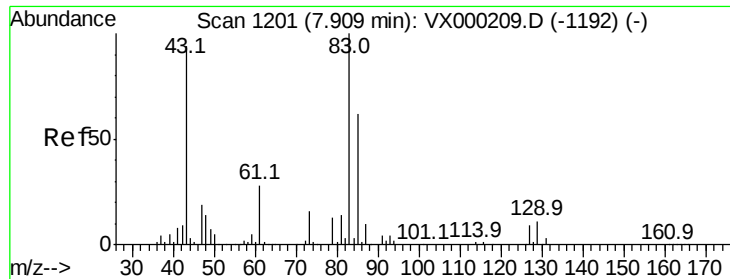
Ion Ratio Lower Upper

93 100

95 83.4 64.1 96.1

174 95.5 75.8 113.8





#47

Bromodichloromethane

Concen: 52.964 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :
MSVOA_X
ClientSampled :

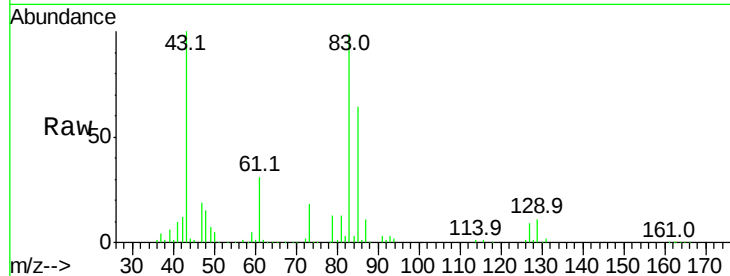
Tot Ion: 83 Resp: 122204

Ion Ratio Lower Upper

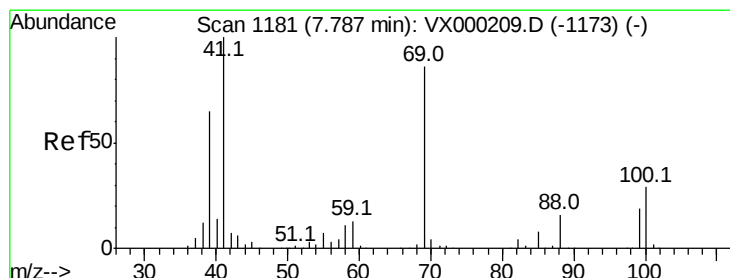
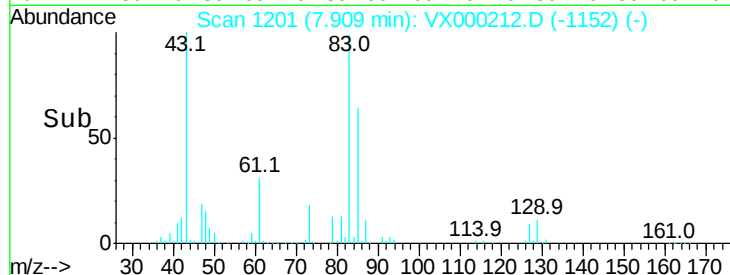
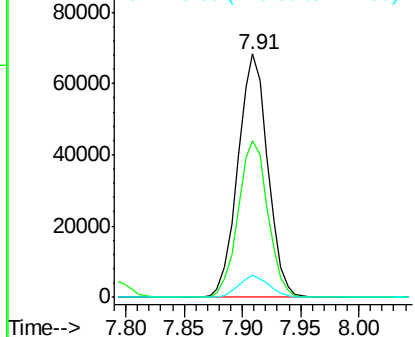
83 100

85 64.3 49.6 74.4

127 9.0 7.0 10.4



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



#48

Methyl methacrylate

Concen: 50.676 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

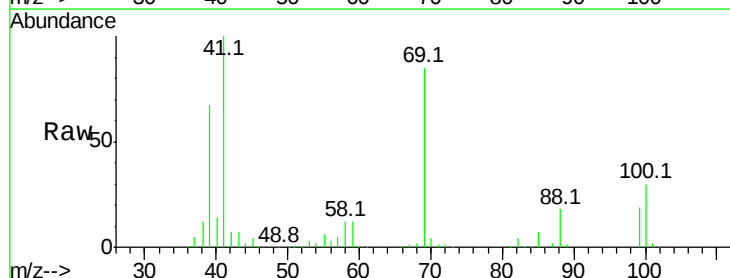
Tgt Ion: 41 Resp: 118377

Ion Ratio Lower Upper

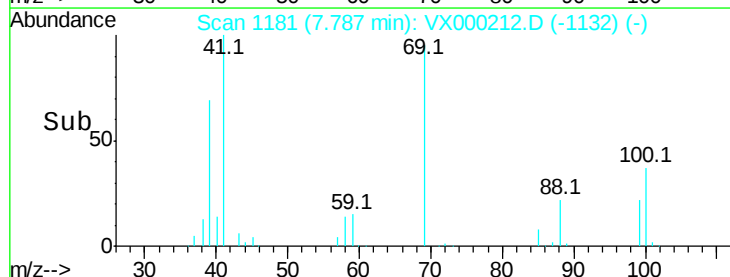
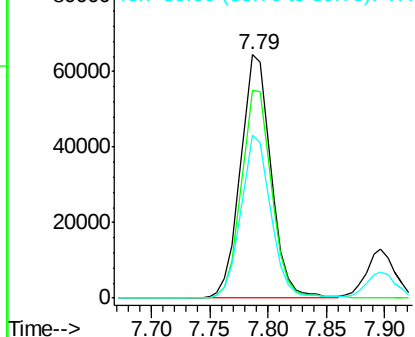
41 100

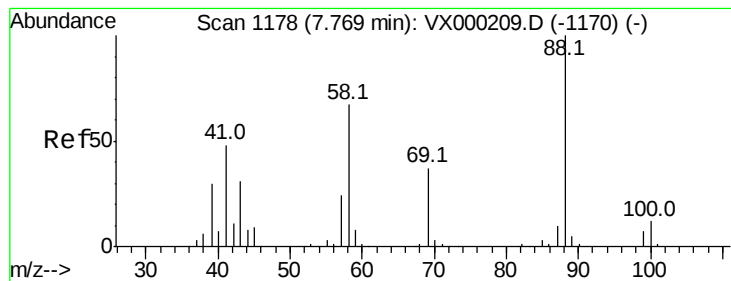
69 85.2 70.0 105.0

39 64.8 53.6 80.4



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: 1026.142 ug/l

RT: 7.77 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :
MSVOA_X
ClientSampleId :

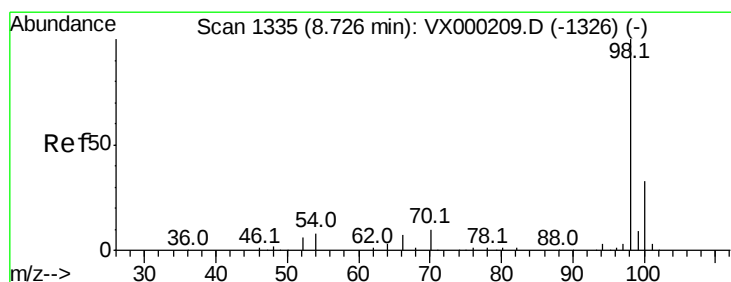
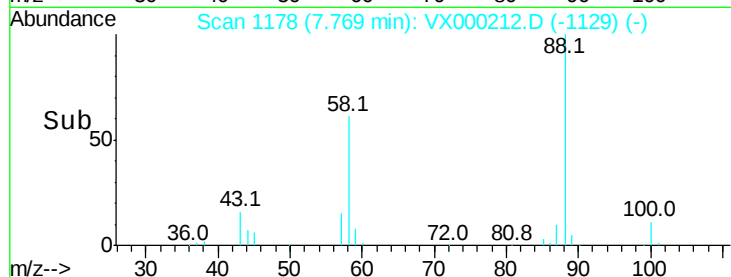
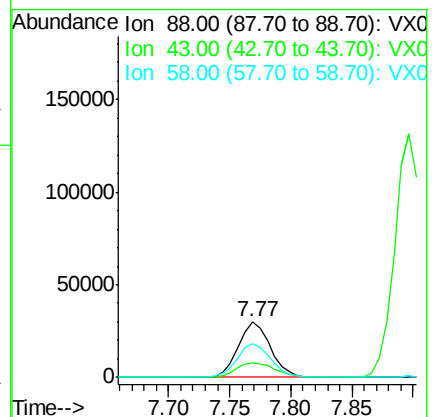
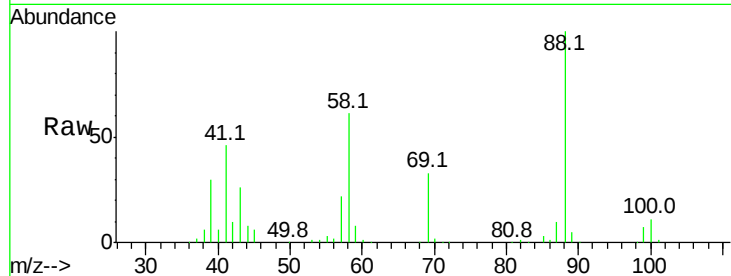
Tot Ion: 88 Resp: 54414

Ion	Ratio	Lower	Upper
88	100		
43	32.2	26.9	40.3
58	64.2	52.2	78.4

88 100

43 32.2 26.9 40.3

58 64.2 52.2 78.4



#50

Toluene-d8

Concen: 53.210 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000212.D

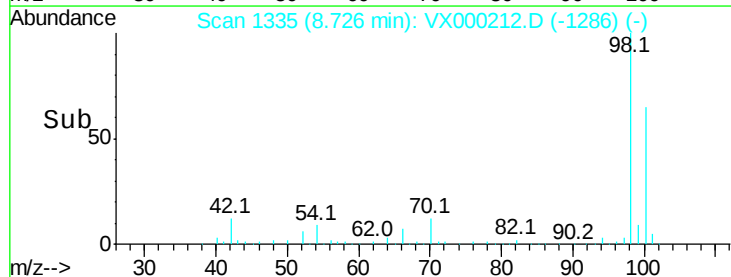
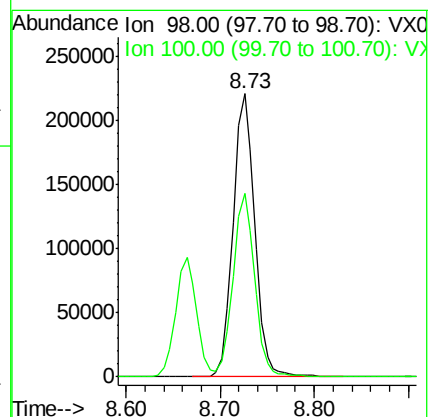
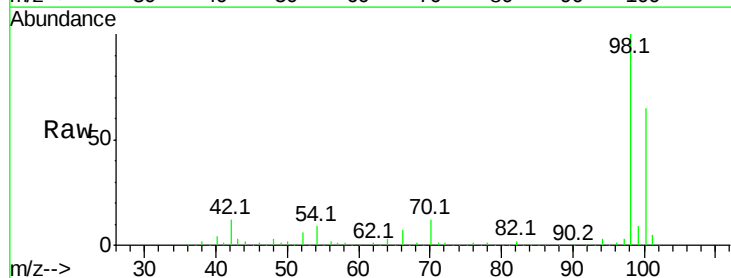
Acq: 07 Mar 2018 15:07

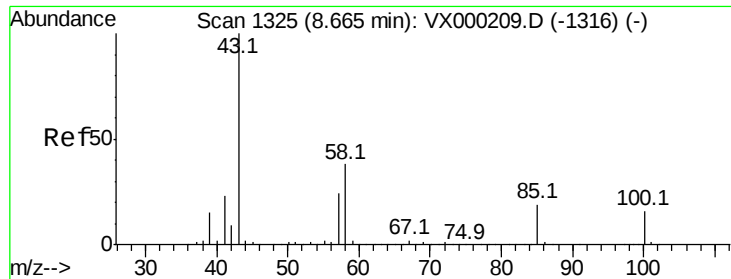
Tgt Ion: 98 Resp: 353129

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.2	76.8

98 100

100 65.0 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 259.078 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

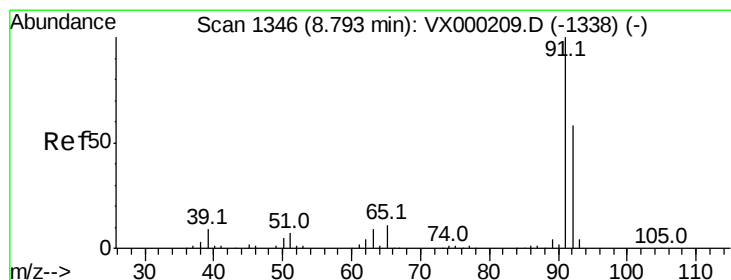
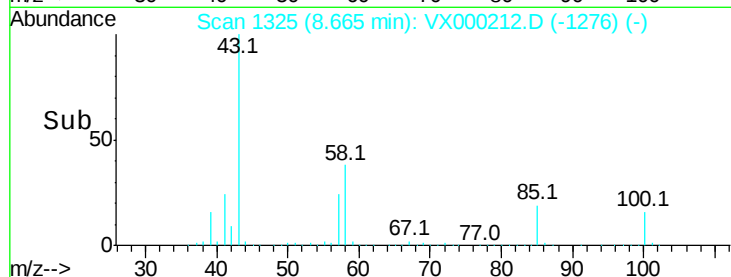
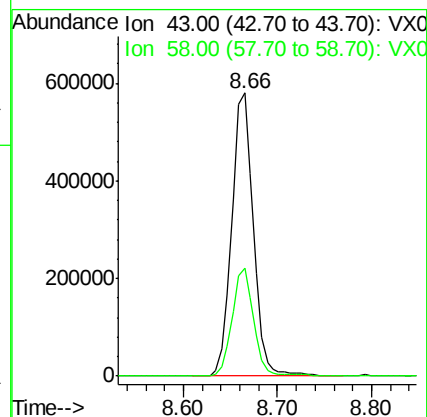
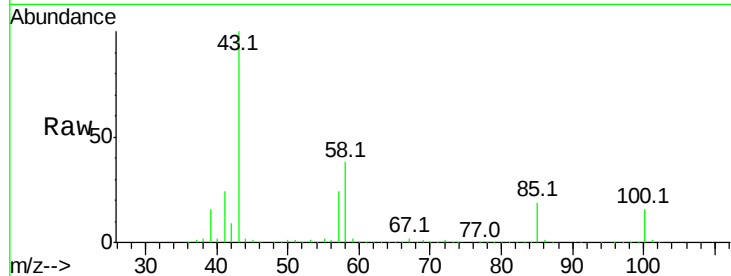
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 927370

Ion Ratio Lower Upper

43 100

58 37.3 30.2 45.2



#52

Toluene

Concen: 50.379 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000212.D

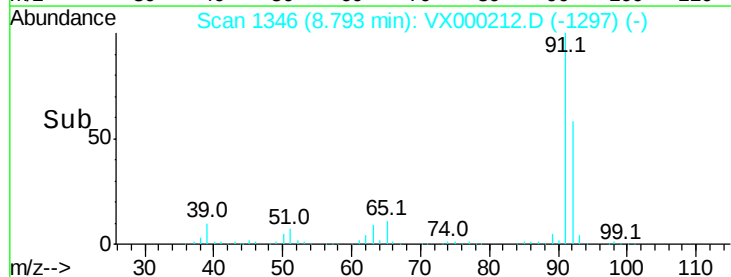
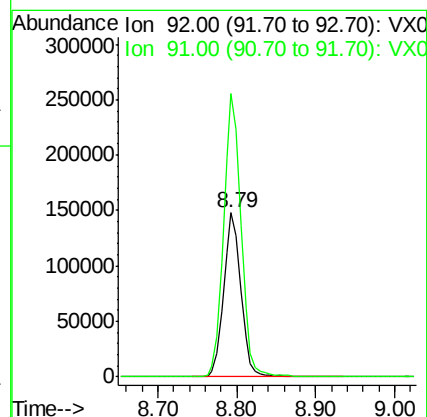
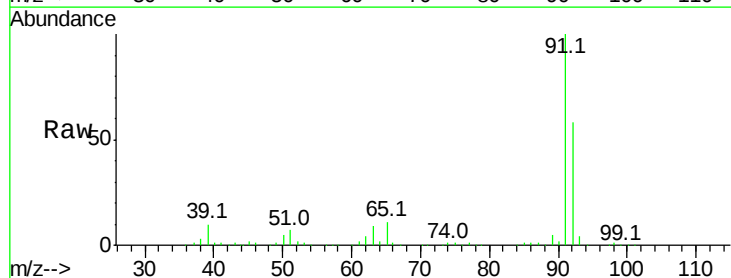
Acq: 07 Mar 2018 15:07

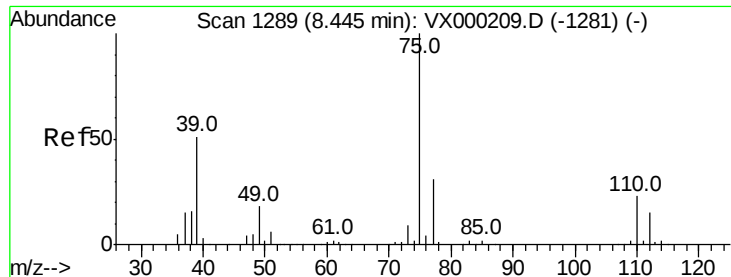
Tgt Ion: 92 Resp: 226029

Ion Ratio Lower Upper

92 100

91 174.4 139.0 208.6

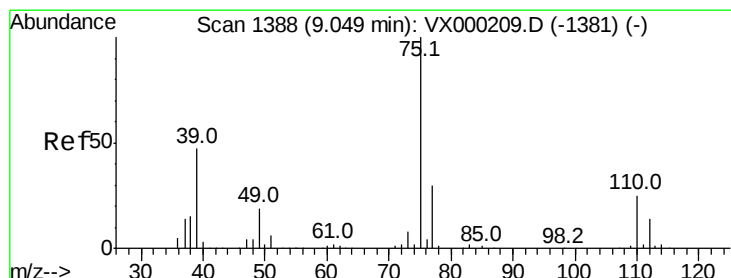
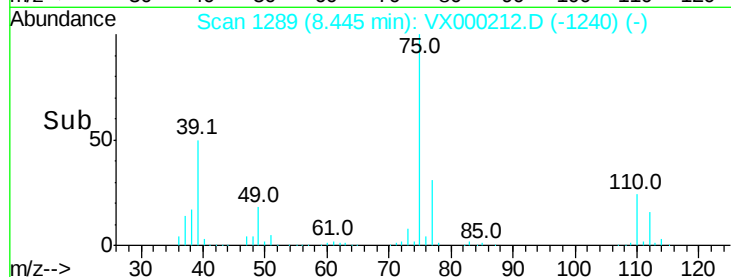
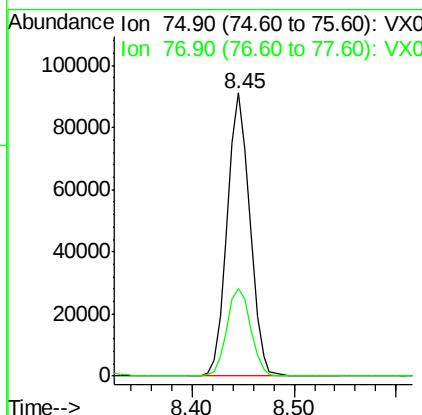
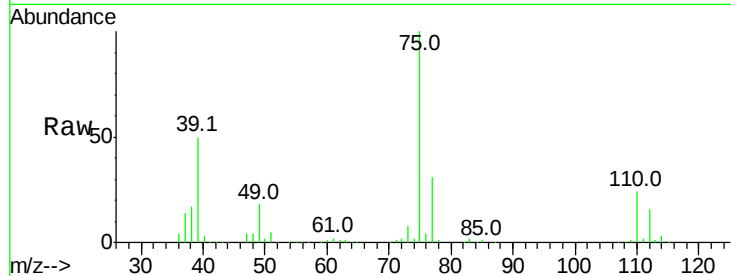




#53
 t-1,3-Dichloropropene
 Concen: 51.414 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000212.D
 Acq: 07 Mar 2018 15:07

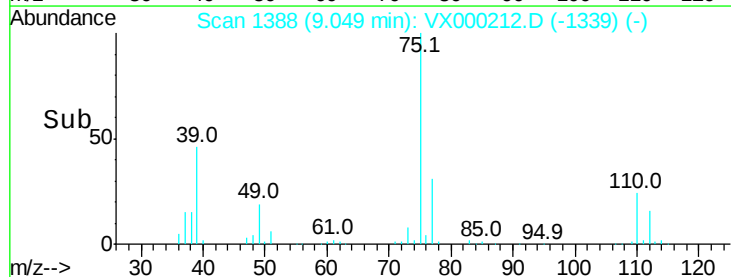
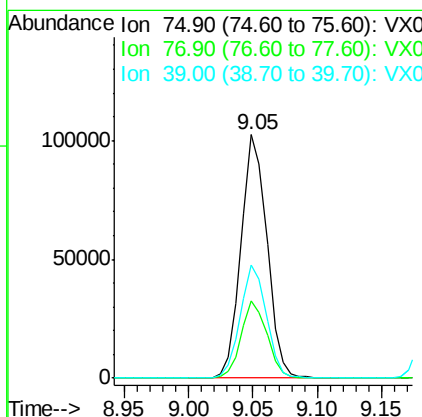
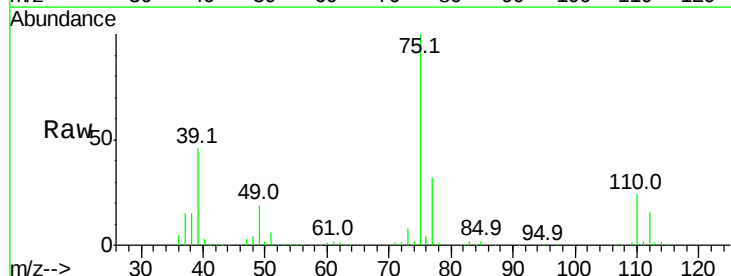
Instrument :
 MSVOA_X
 ClientSampled :

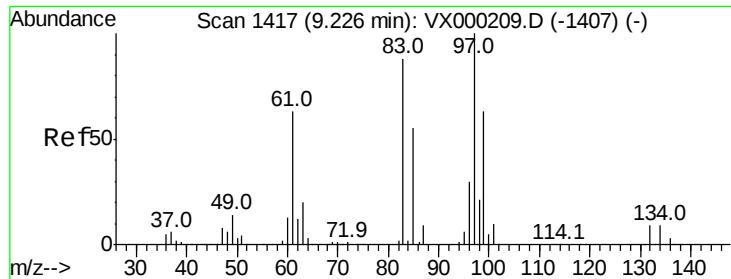
Tot Ion: 75 Resp: 139795
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.8 37.2



#54
 cis-1,3-Dichloropropene
 Concen: 54.323 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000212.D
 Acq: 07 Mar 2018 15:07

Tgt Ion: 75 Resp: 142895
 Ion Ratio Lower Upper
 75 100
 77 31.5 23.9 35.9
 39 46.1 37.4 56.2



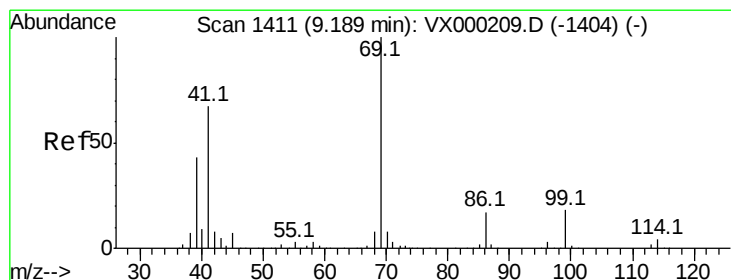
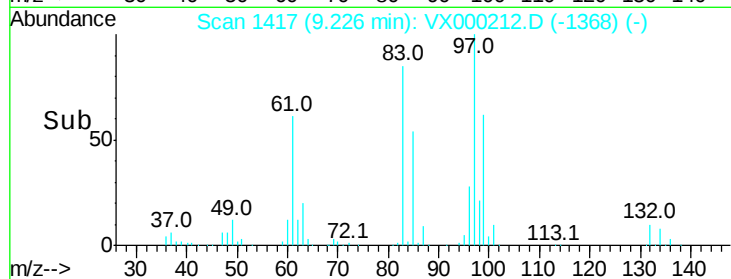
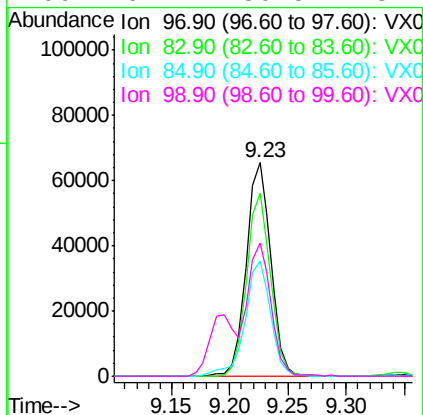
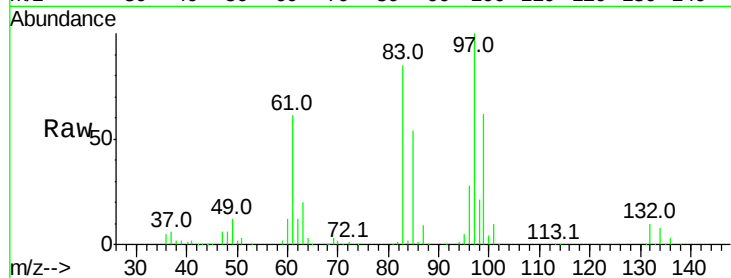


#55
 1,1,2-Trichloroethane
 Concen: 53.017 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000212.D
 Acq: 07 Mar 2018 15:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 96341

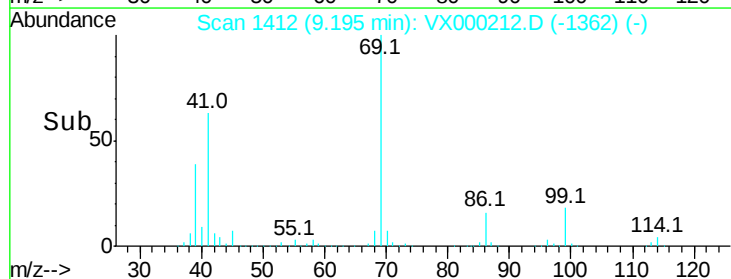
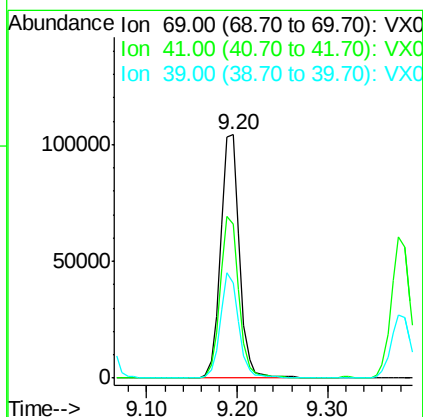
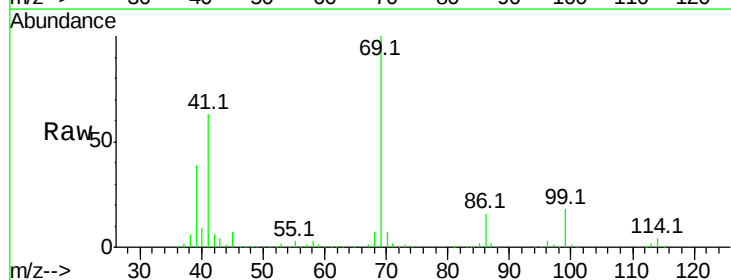
Ion	Ratio	Lower	Upper
97	100		
83	85.4	70.4	105.6
85	54.2	43.9	65.9
99	62.2	50.5	75.7

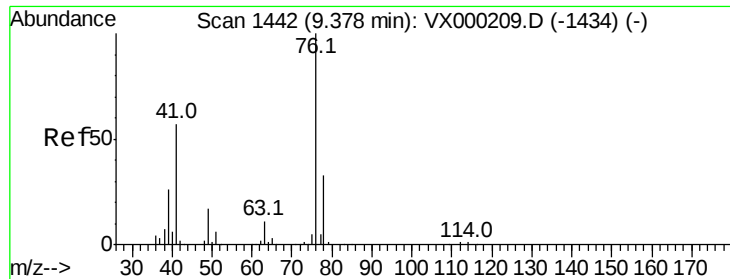


#56
 Ethyl methacrylate
 Concen: 55.289 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: VX000212.D
 Acq: 07 Mar 2018 15:07

Tgt Ion: 69 Resp: 150356

Ion	Ratio	Lower	Upper
69	100		
41	66.3	52.2	78.2
39	41.7	34.3	51.5





#57

1,3-Dichloropropane

Concen: 49.987 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

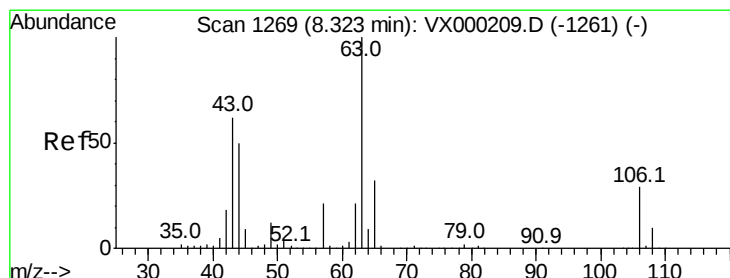
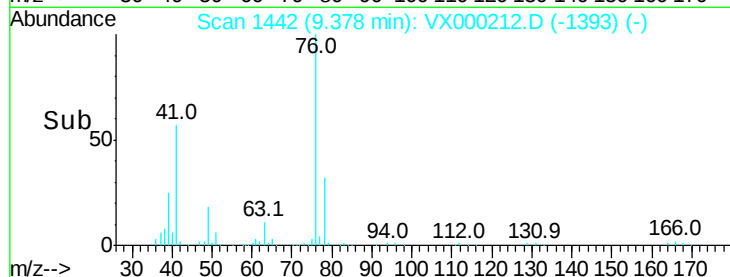
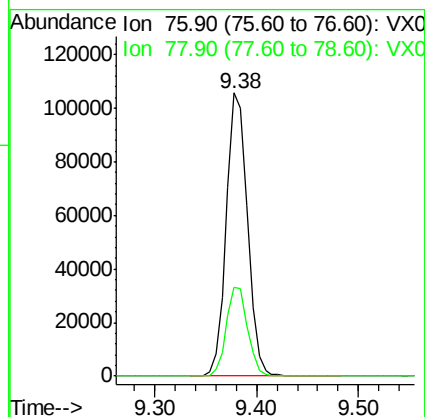
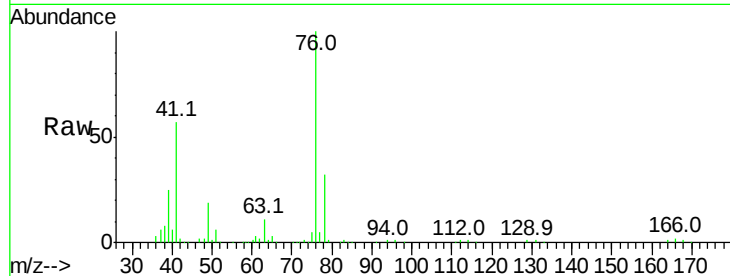
ClientSampled :

Tot Ion: 76 Resp: 152527

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 265.823 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000212.D

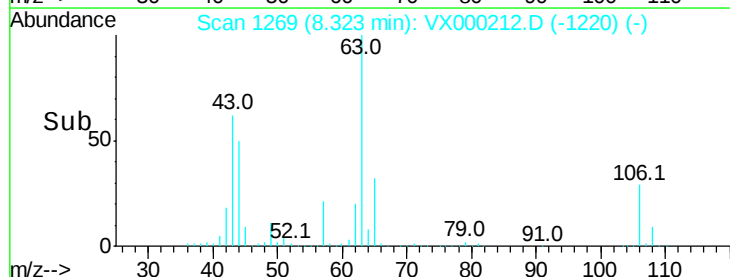
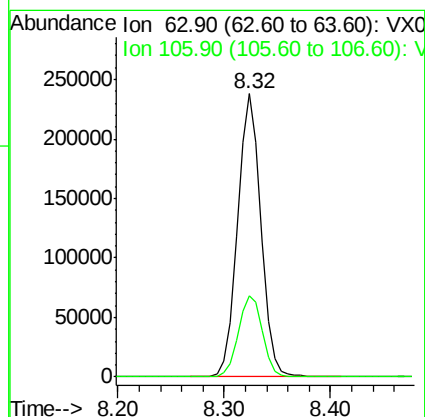
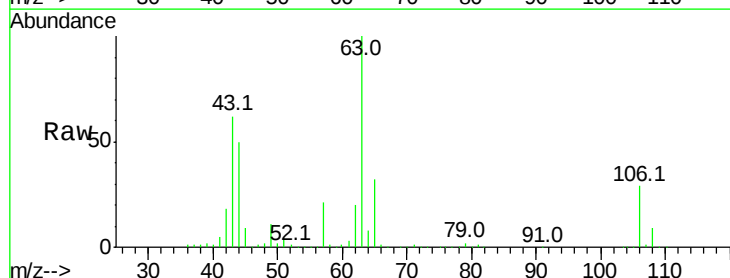
Acq: 07 Mar 2018 15:07

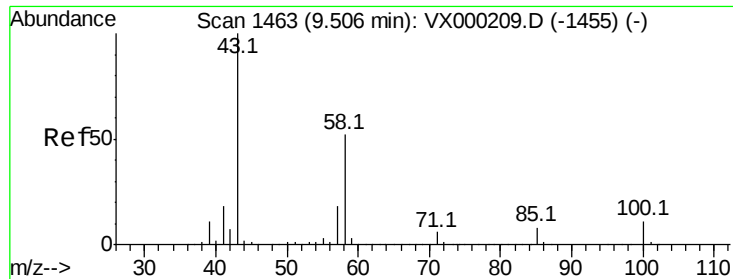
Tgt Ion: 63 Resp: 364971

Ion Ratio Lower Upper

63 100

106 29.6 23.2 34.8

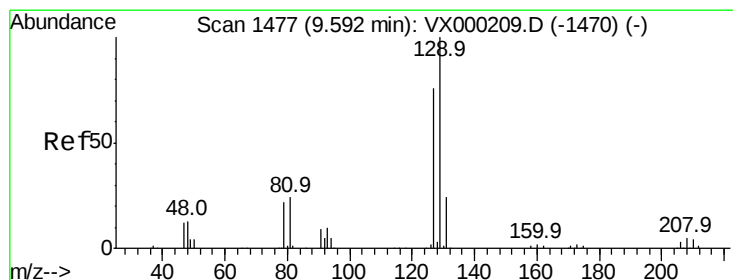
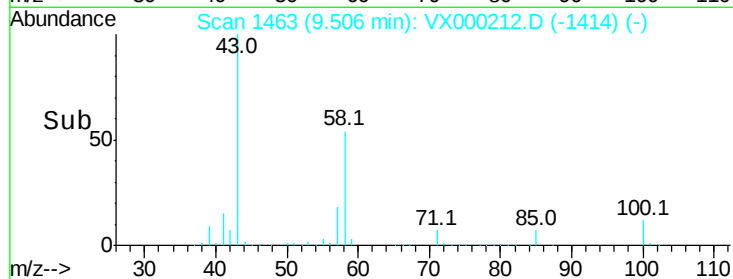
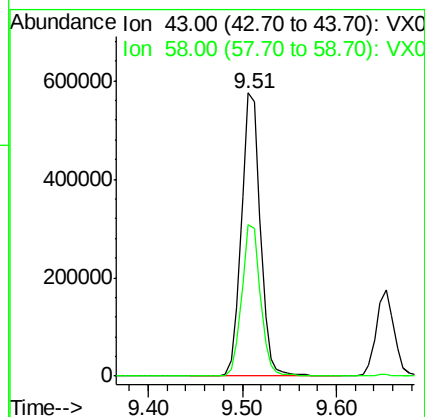
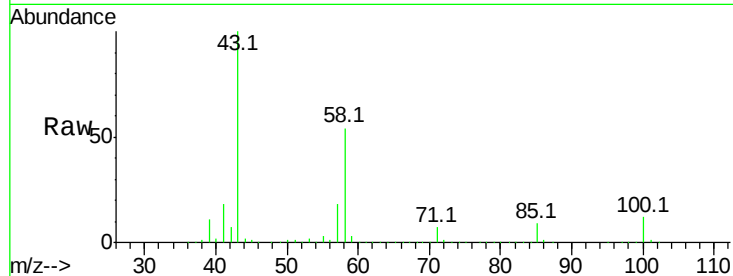




#59
2-Hexanone
Concen: 263.758 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

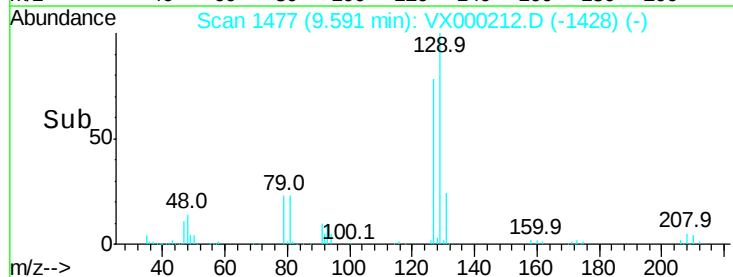
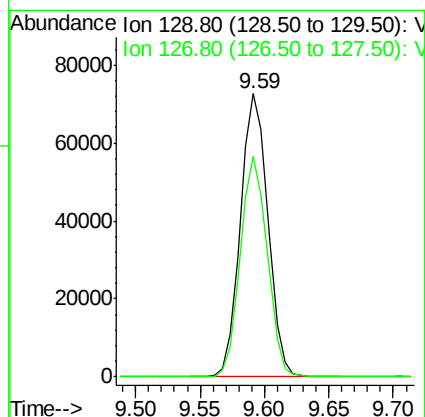
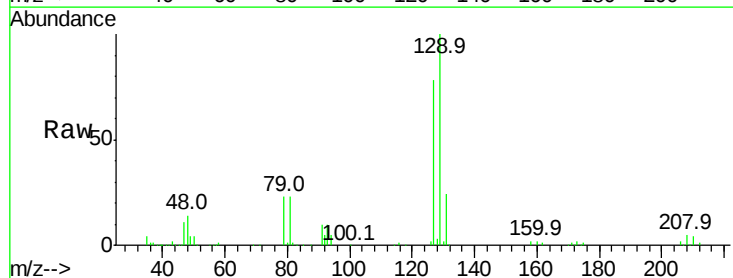
Instrument :
MSVOA_X
ClientSampleId :

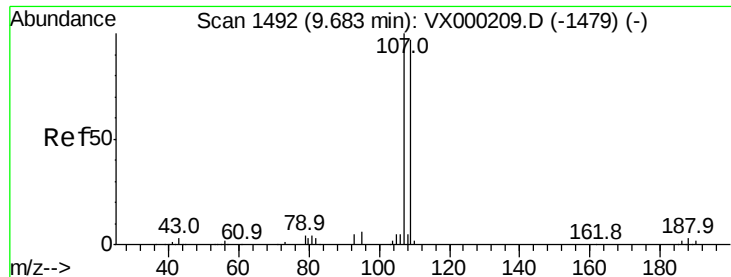
Tot Ion: 43 Resp: 805030
Ion Ratio Lower Upper
43 100
58 53.0 26.6 79.7



#60
Dibromochloromethane
Concen: 55.758 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Tgt Ion:129 Resp: 106832
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 53.193 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

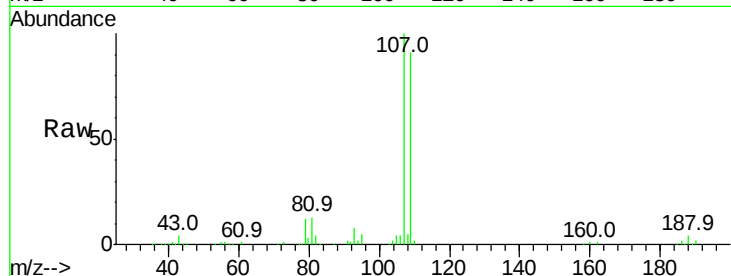
ClientSampleId :

Tot Ion:107 Resp: 107338

Ion Ratio Lower Upper

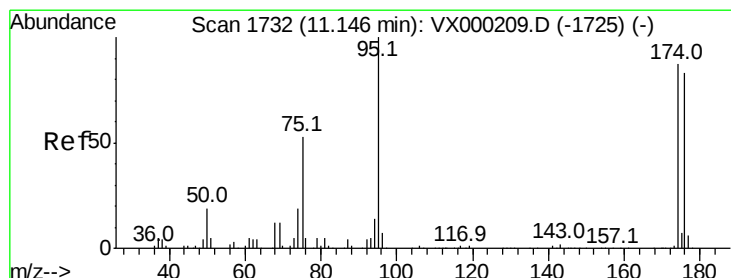
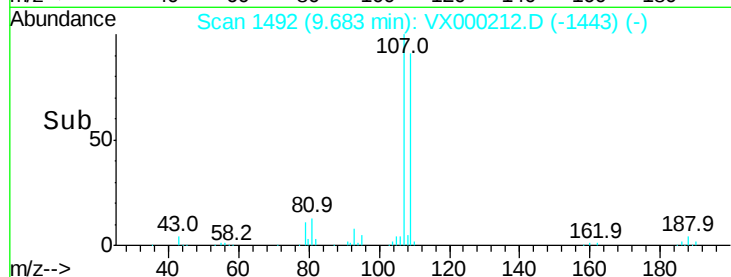
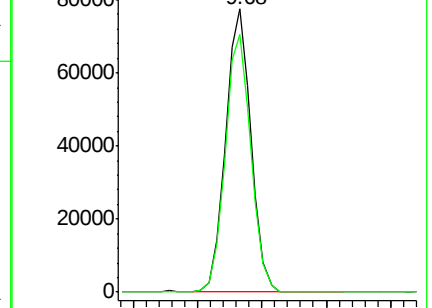
107 100

109 92.8 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.944 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

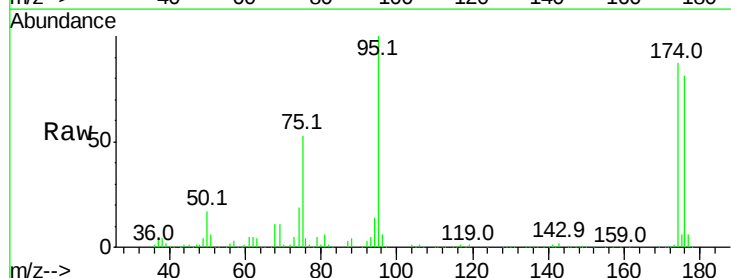
Tgt Ion: 95 Resp: 139728

Ion Ratio Lower Upper

95 100

174 87.2 0.0 175.6

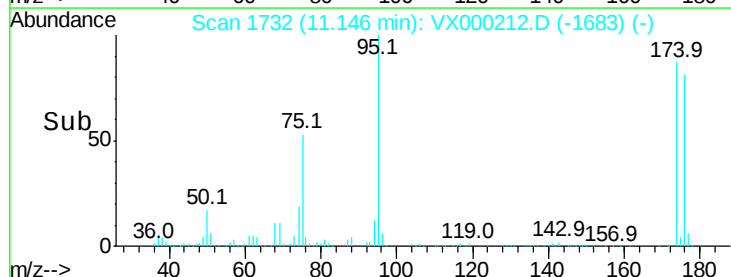
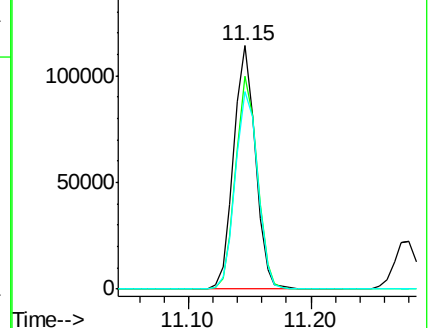
176 84.1 0.0 171.0

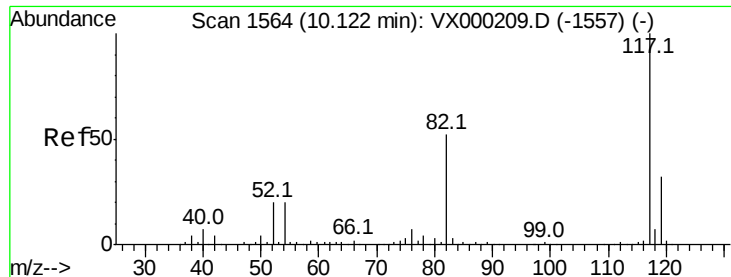


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

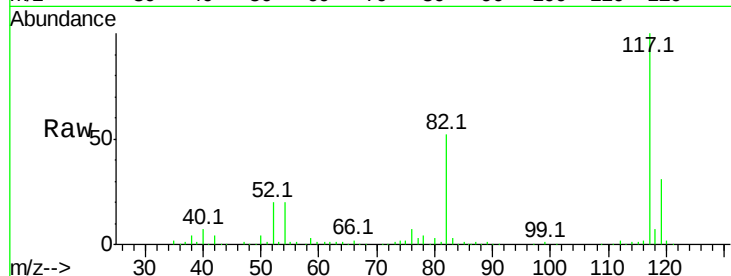




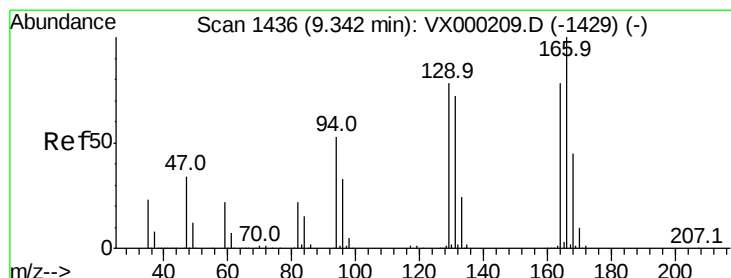
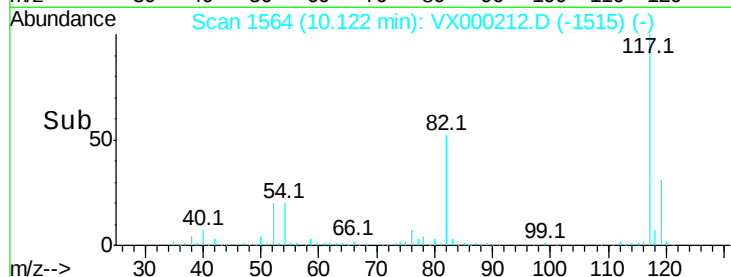
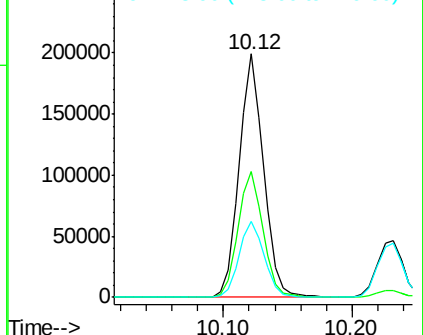
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 261764
Ion Ratio Lower Upper
117 100
82 51.7 42.0 63.0
119 31.1 25.3 37.9

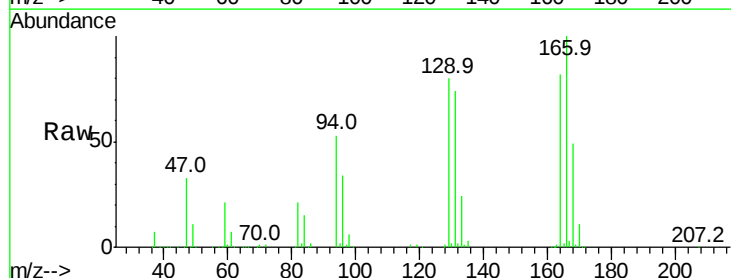


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

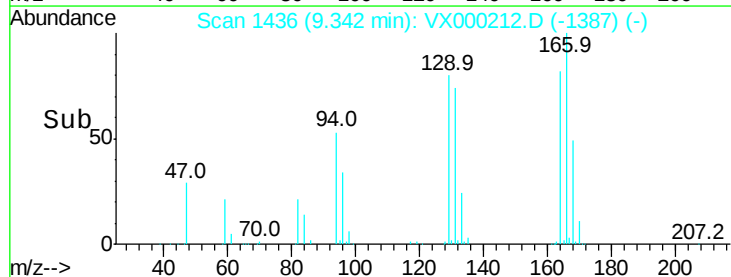
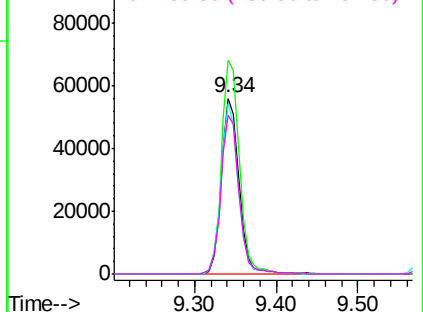


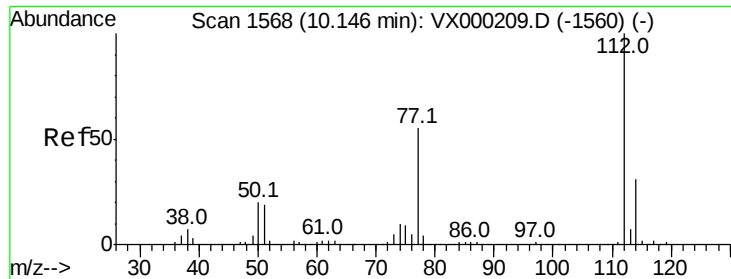
#64
Tetrachloroethene
Concen: 46.393 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Tgt Ion:164 Resp: 84968
Ion Ratio Lower Upper
164 100
166 121.7 103.0 154.6
129 97.1 80.2 120.4
131 90.2 74.2 111.4



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

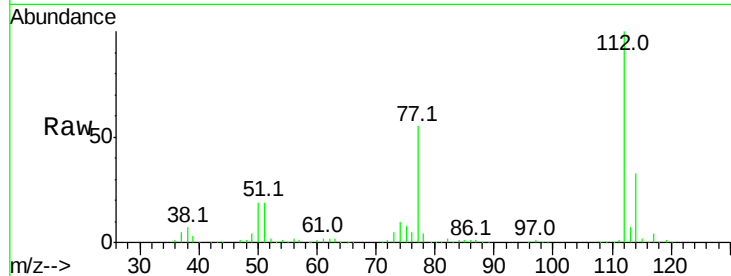




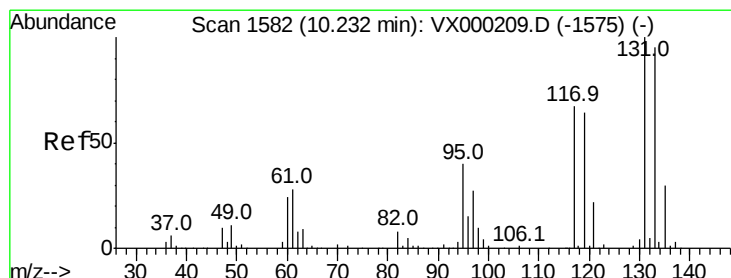
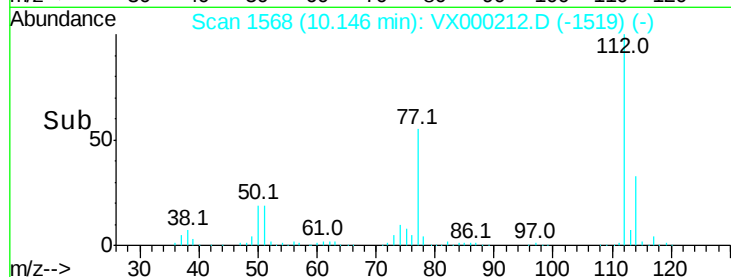
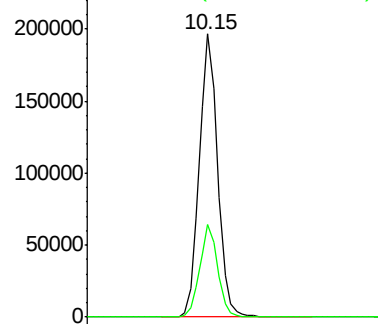
#65
Chlorobenzene
Concen: 50.237 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:112 Resp: 265566
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4

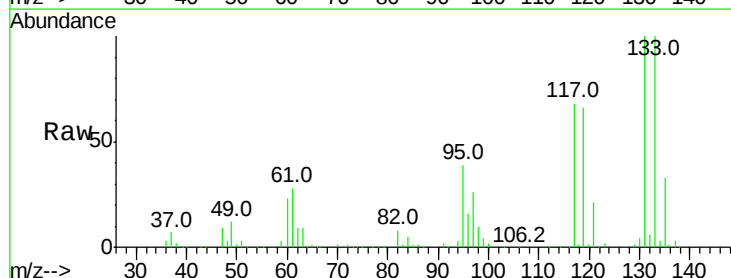


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

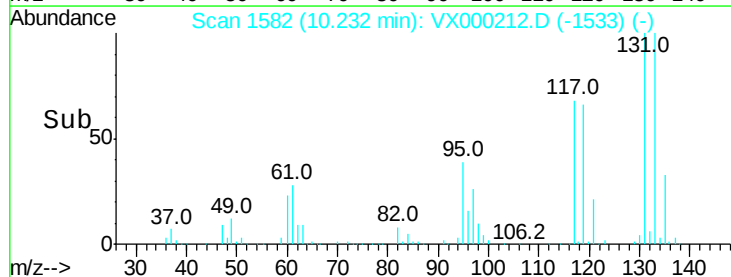
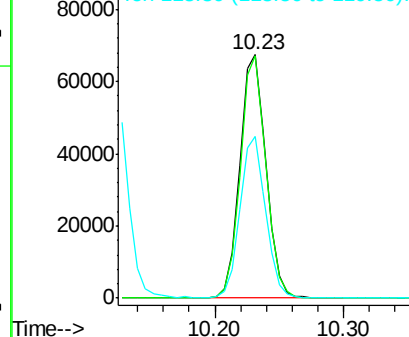


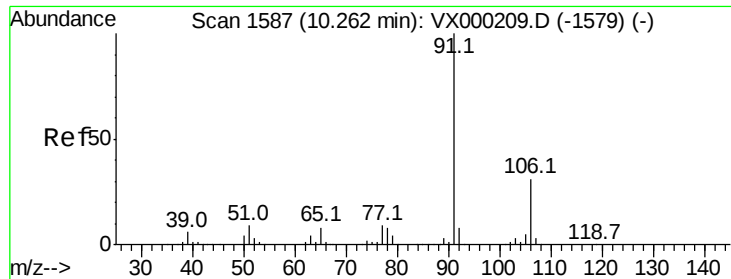
#66
1,1,1,2-Tetrachloroethane
Concen: 52.467 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Tgt Ion:131 Resp: 94824
Ion Ratio Lower Upper
131 100
133 97.3 48.3 144.9
119 65.1 32.3 96.8



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

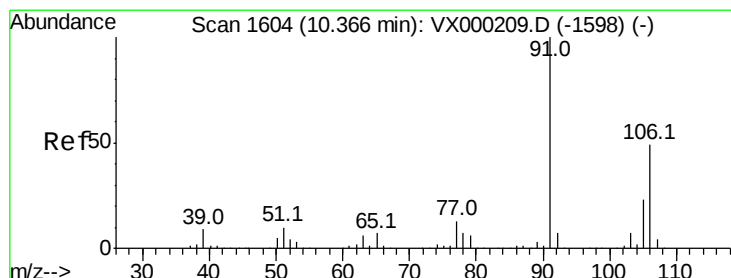
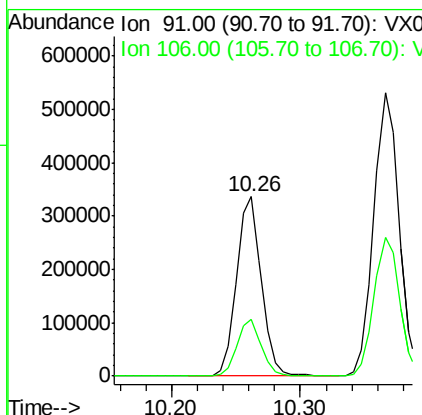
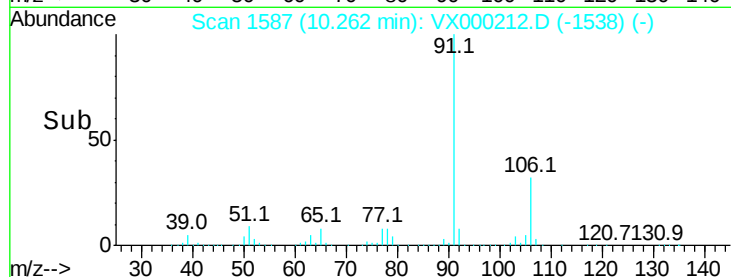
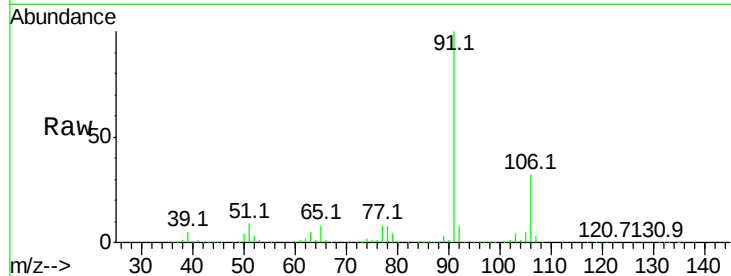




#67
Ethyl Benzene
Concen: 48.792 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

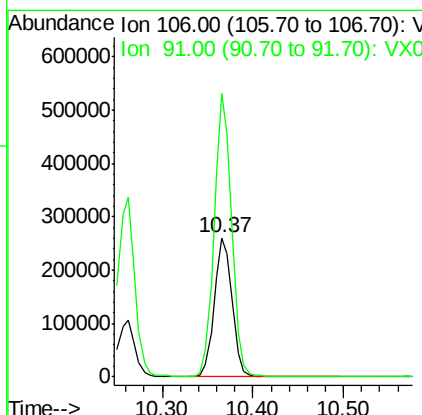
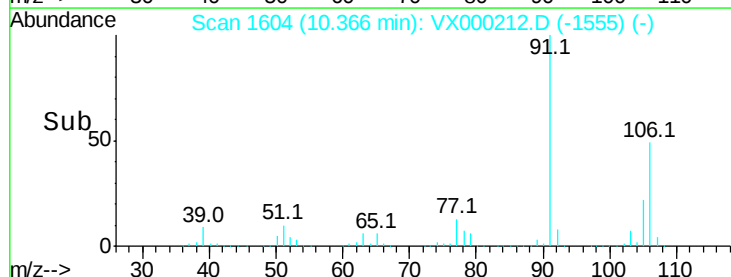
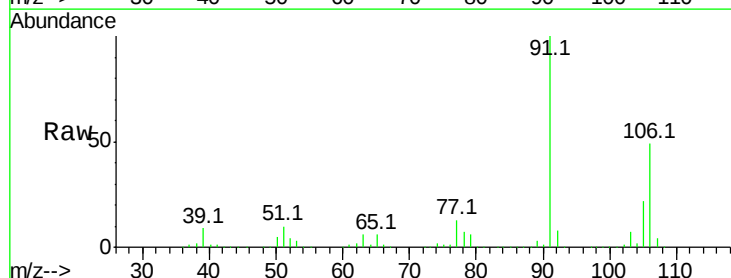
Instrument :
MSVOA_X
ClientSampled :

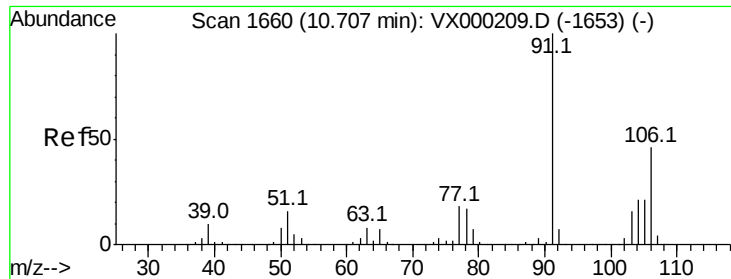
Tot Ion: 91 Resp: 450169
Ion Ratio Lower Upper
91 100
106 31.9 25.2 37.8



#68
m/p-Xylenes
Concen: 101.342 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Tgt Ion: 106 Resp: 359851
Ion Ratio Lower Upper
106 100
91 199.9 160.9 241.3

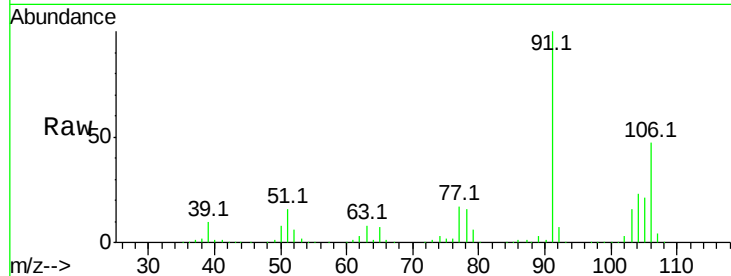




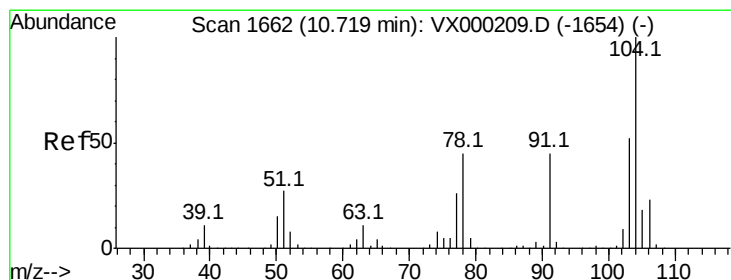
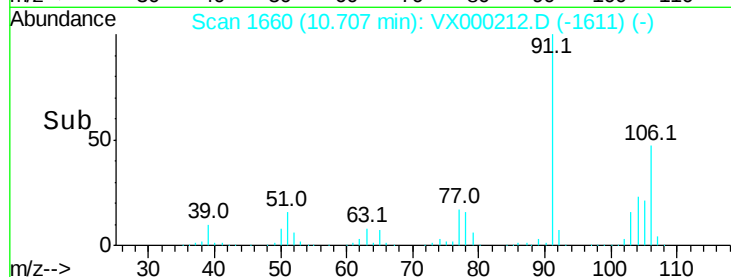
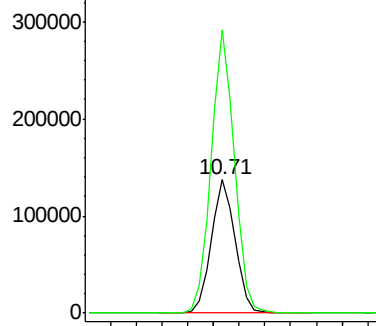
#69
o-Xylene
Concen: 51.320 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 175148
Ion Ratio Lower Upper
106 100
91 208.0 105.9 317.7

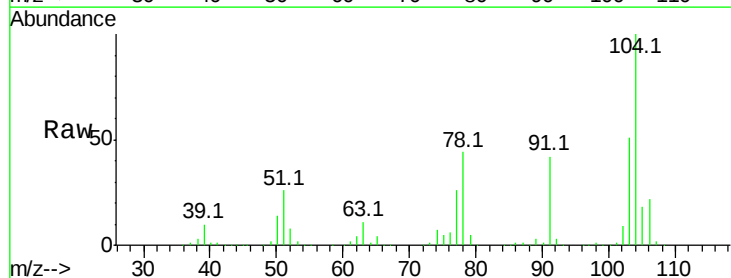


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

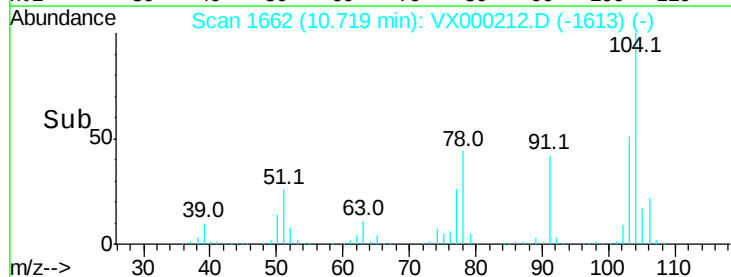
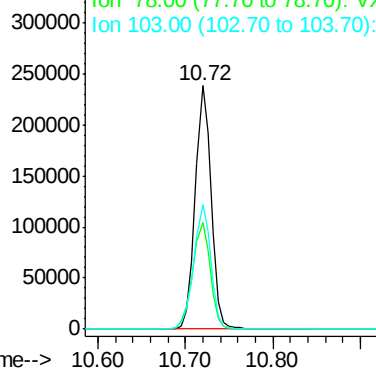


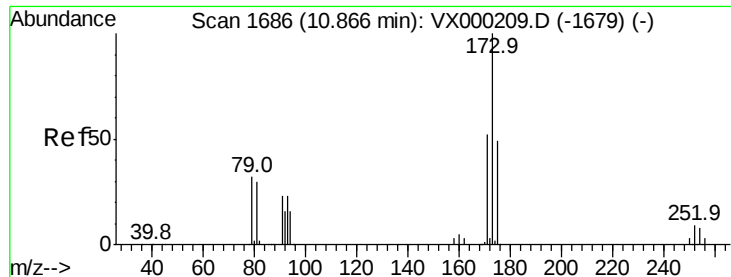
#70
Styrene
Concen: 52.674 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Tgt Ion:104 Resp: 298214
Ion Ratio Lower Upper
104 100
78 48.6 39.6 59.4
103 55.2 45.0 67.6



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





#71

Bromoform

Concen: 46.949 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

ClientSampled :

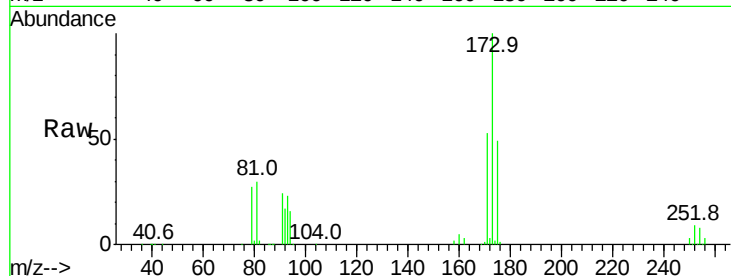
Tot Ion:173 Resp: 86274

Ion Ratio Lower Upper

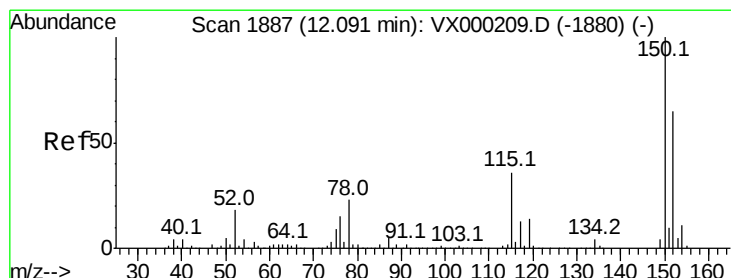
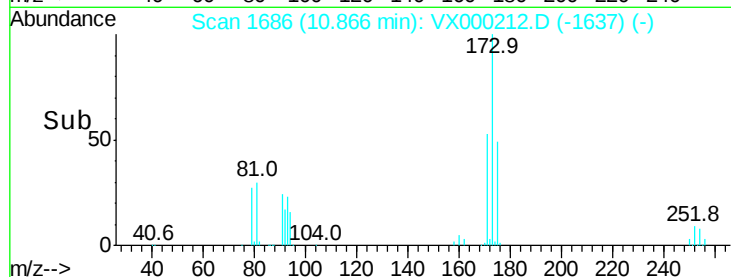
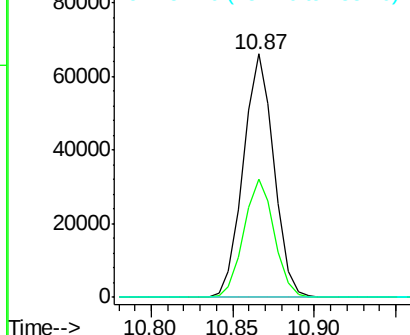
173 100

175 48.4 24.4 73.2

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

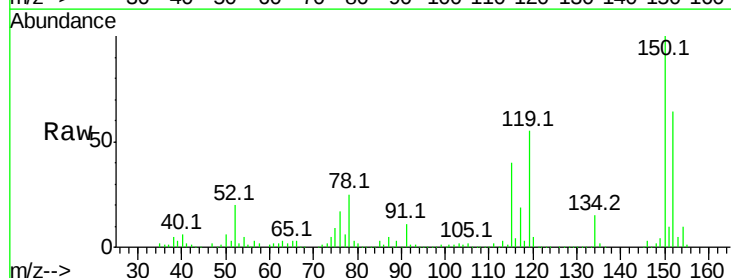
Tgt Ion:152 Resp: 160810

Ion Ratio Lower Upper

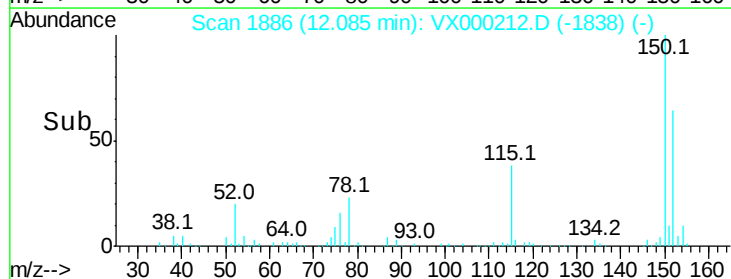
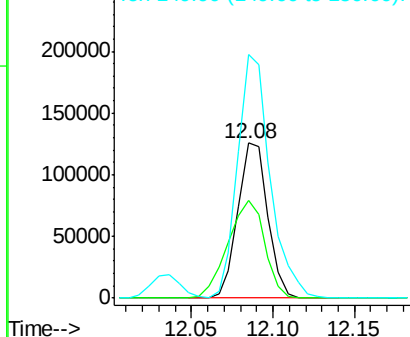
152 100

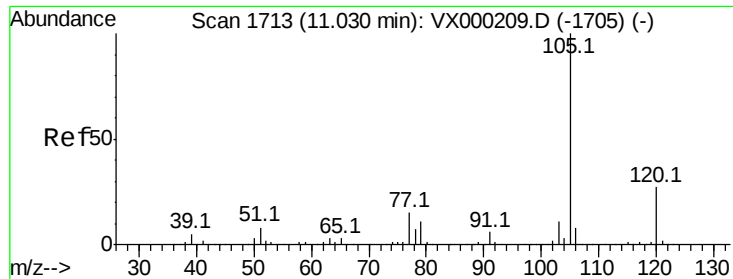
115 77.4 39.8 119.3

150 171.2 0.0 345.0



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





#73

Isopropylbenzene

Concen: 46.091 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

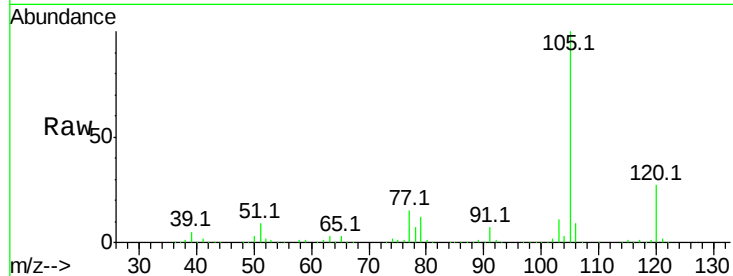
ClientSampleId :

Tot Ion:105 Resp: 464060

Ion Ratio Lower Upper

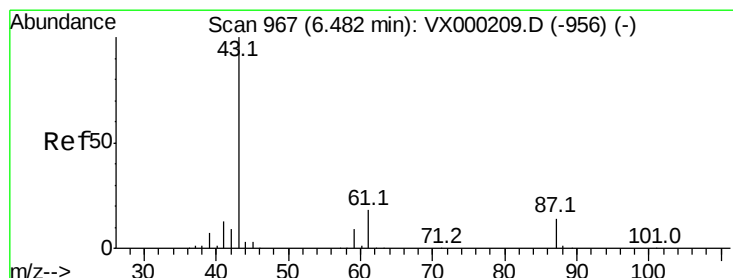
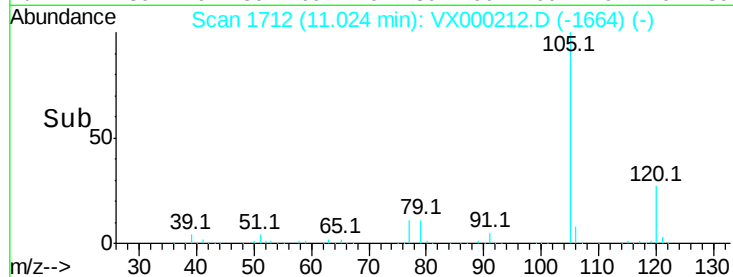
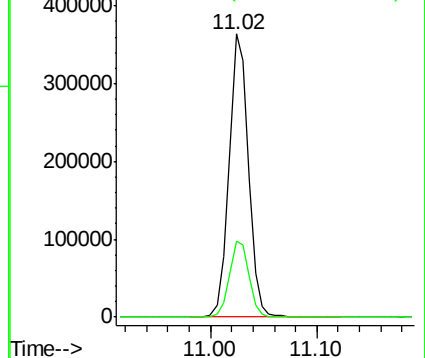
105 100

120 27.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.646 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Tgt Ion: 43 Resp: 240283

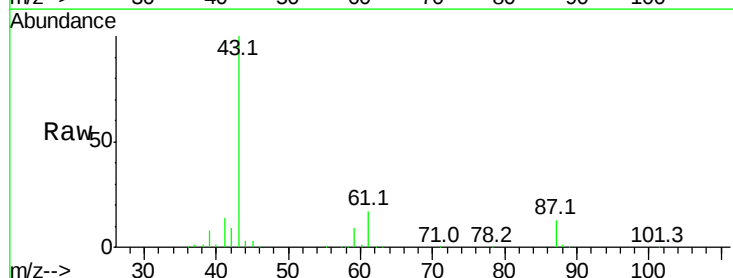
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.9 14.8 22.2

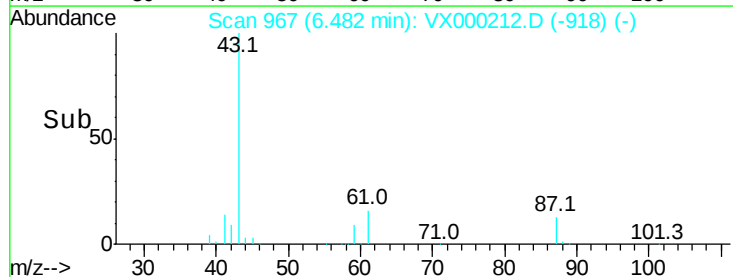
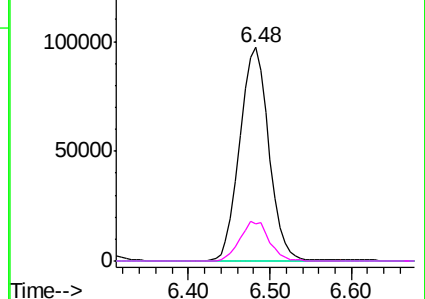


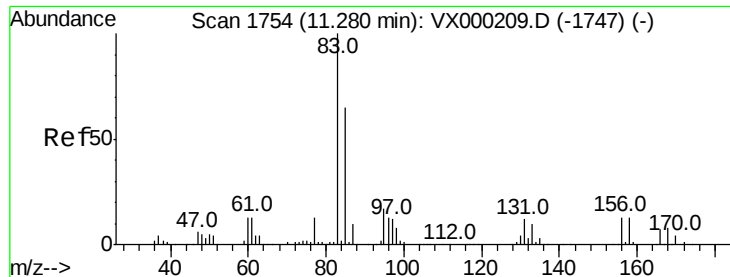
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.312 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

ClientSampleId :

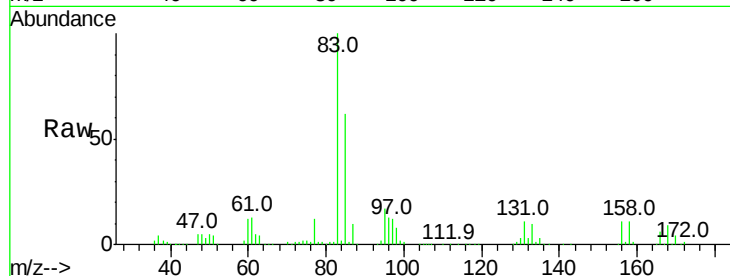
Tot Ion: 83 Resp: 174054

Ion Ratio Lower Upper

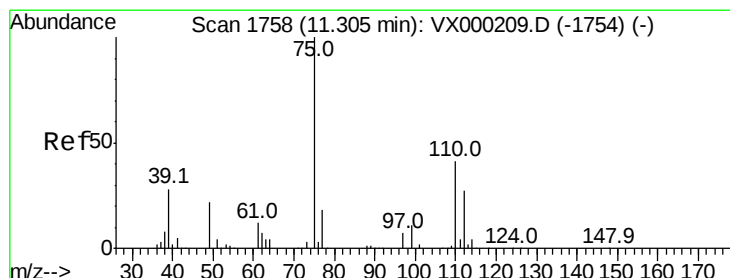
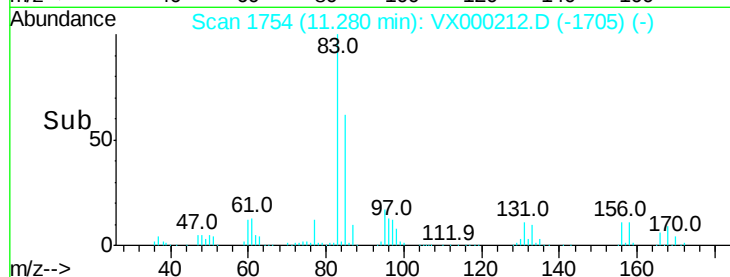
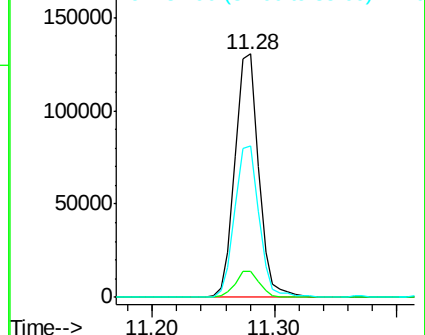
83 100

131 10.8 5.5 16.5

85 64.2 32.5 97.4



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: 64.925 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000212.D

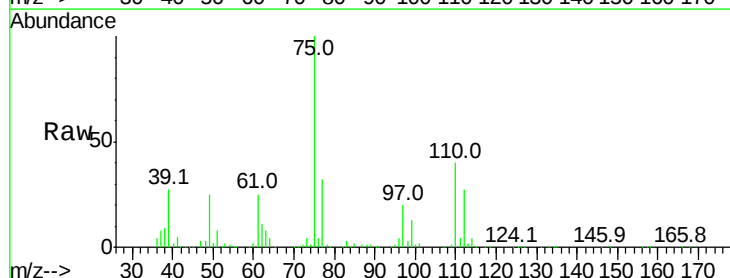
Acq: 07 Mar 2018 15:07

Tgt Ion: 75 Resp: 209287

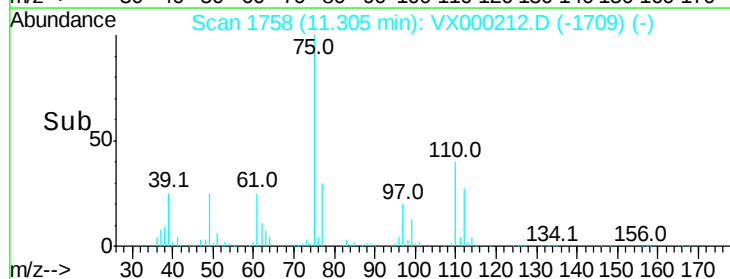
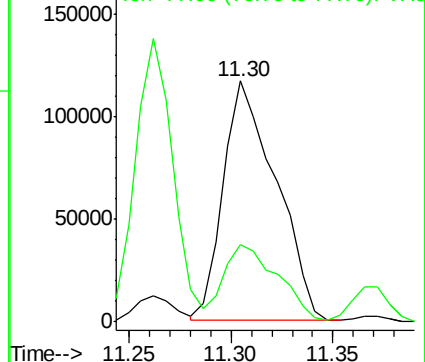
Ion Ratio Lower Upper

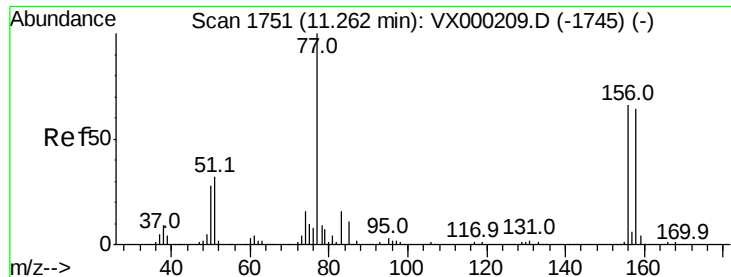
75 100

77 32.9 22.3 66.8



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





#77

Bromobenzene

Concen: 47.457 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

ClientSampleId :

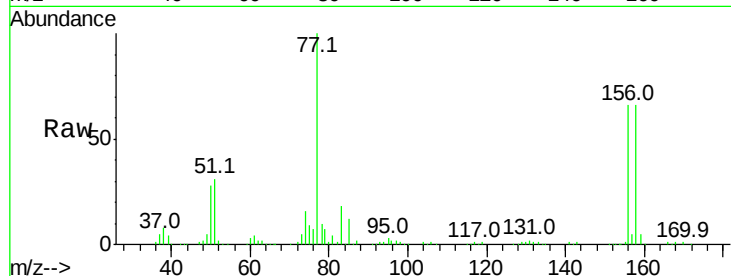
Tot Ion:156 Resp: 123528

Ion Ratio Lower Upper

156 100

77 143.9 71.9 215.7

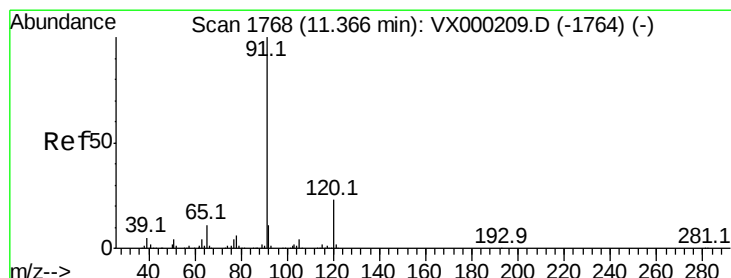
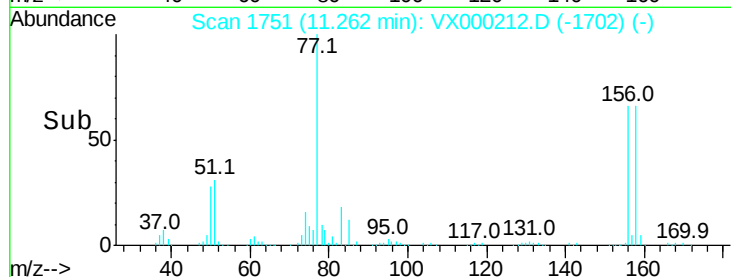
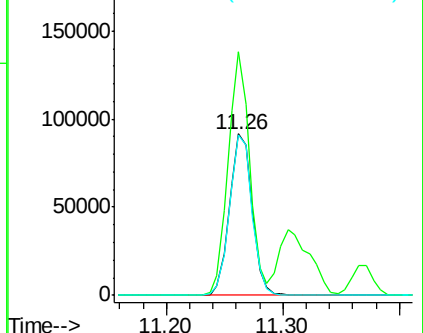
158 98.9 48.0 144.2



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: 46.115 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000212.D

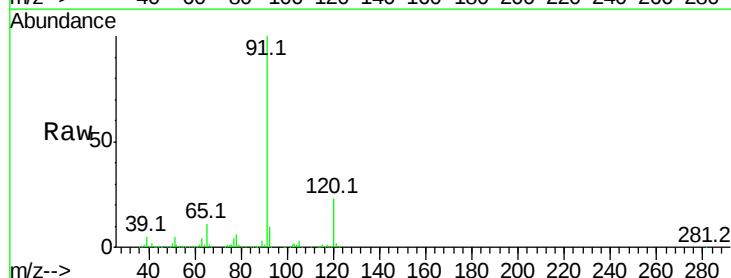
Acq: 07 Mar 2018 15:07

Tgt Ion: 91 Resp: 546430

Ion Ratio Lower Upper

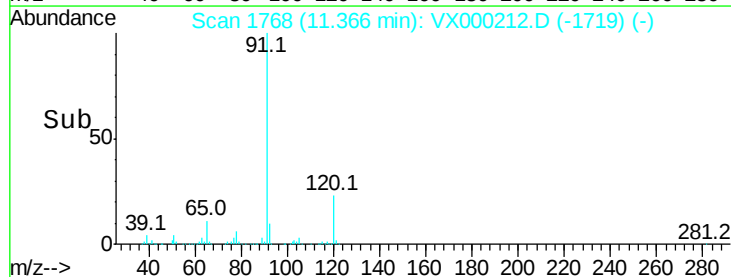
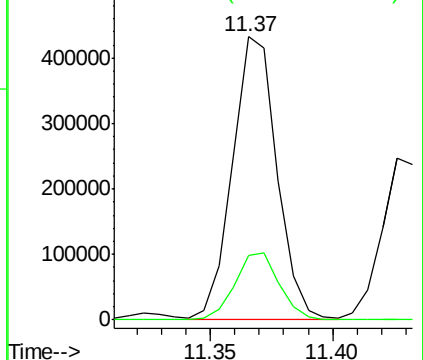
91 100

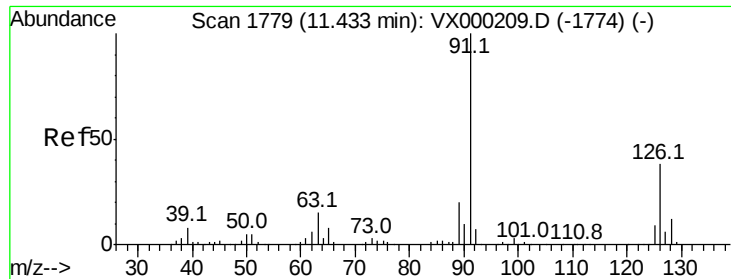
120 23.8 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.321 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

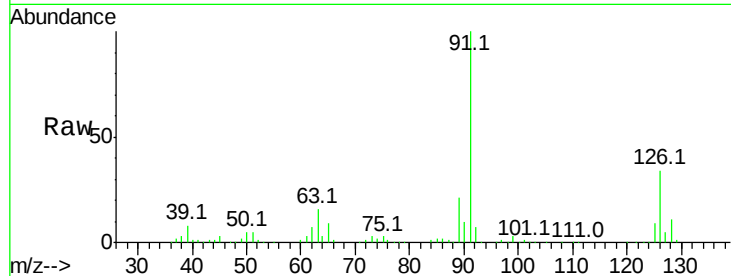
ClientSampleId :

Tot Ion: 91 Resp: 316312

Ion Ratio Lower Upper

91 100

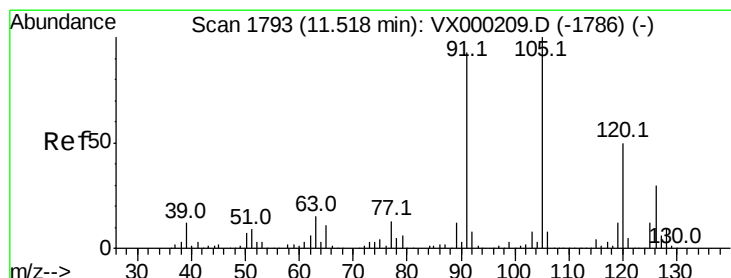
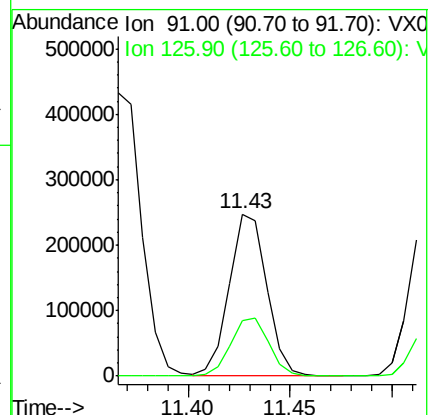
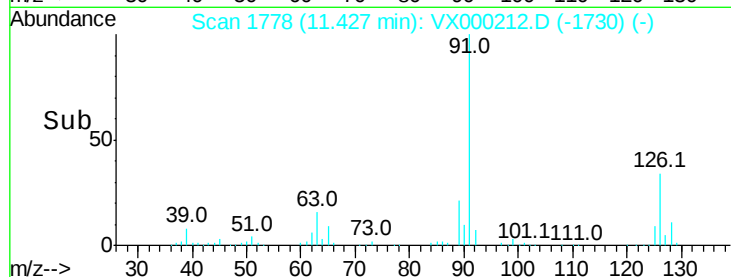
126 36.5 18.4 55.2



Abundance Ion 91.00 (90.70 to 91.70): VX000209.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000209.D (-1774) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.444 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000212.D

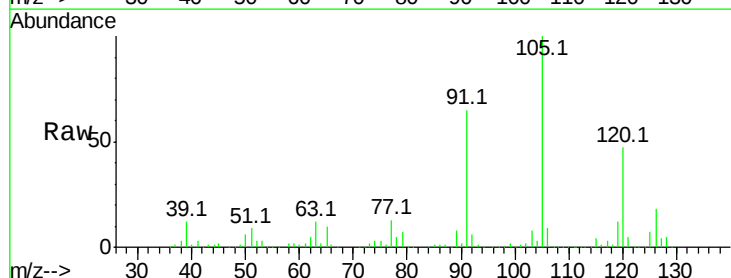
Acq: 07 Mar 2018 15:07

Tgt Ion: 105 Resp: 398803

Ion Ratio Lower Upper

105 100

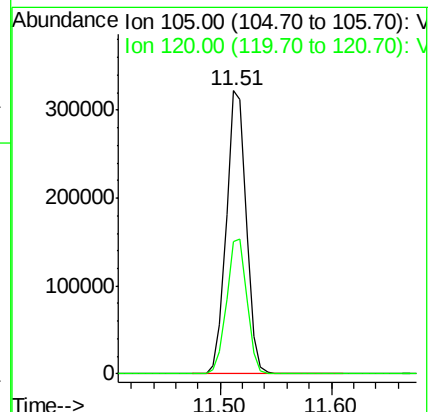
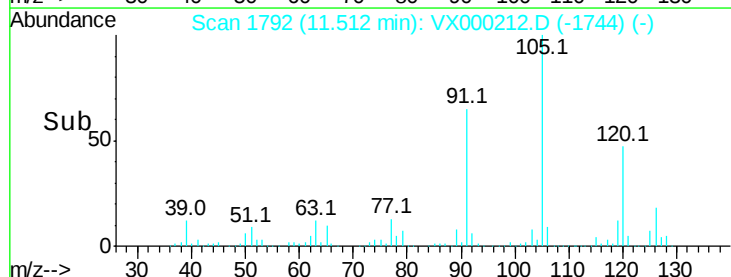
120 48.6 24.9 74.6

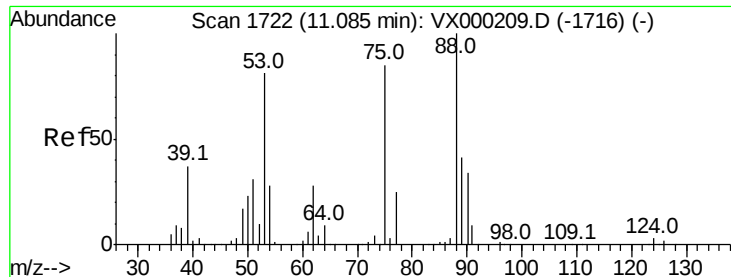


Abundance Ion 105.00 (104.70 to 105.70): VX000209.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000209.D (-1786) (-)

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 50.754 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

ClientSampled :

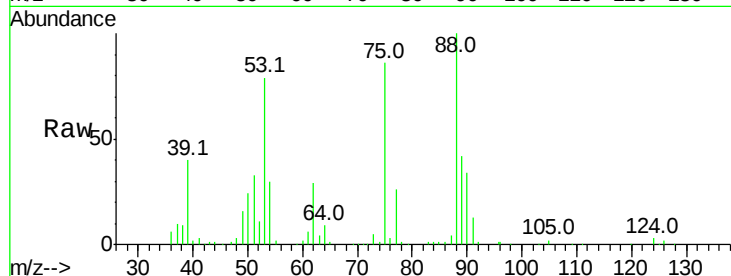
Tot Ion: 75 Resp: 53428

Ion Ratio Lower Upper

75 100

53 97.1 78.6 118.0

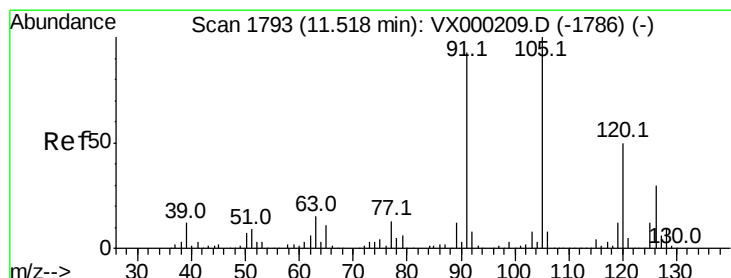
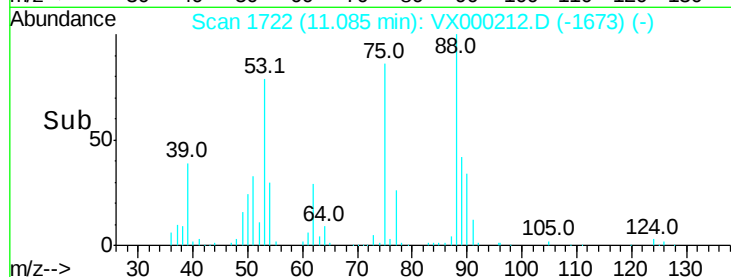
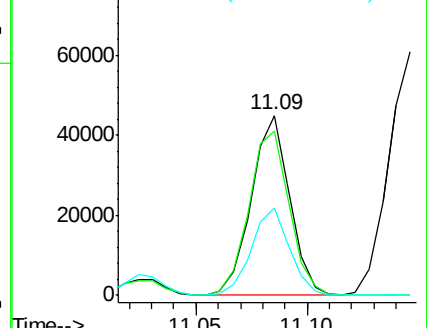
89 48.8 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.336 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000212.D

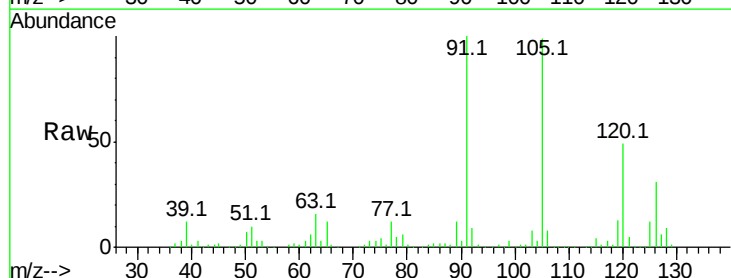
Acq: 07 Mar 2018 15:07

Tgt Ion: 91 Resp: 384701

Ion Ratio Lower Upper

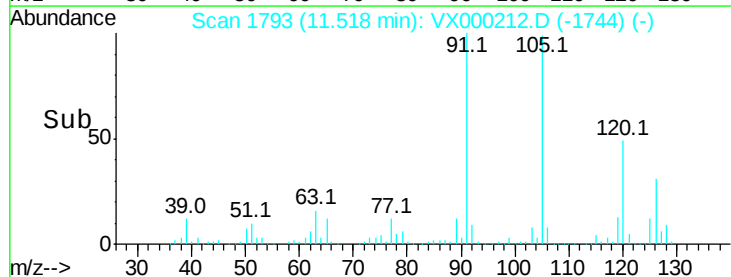
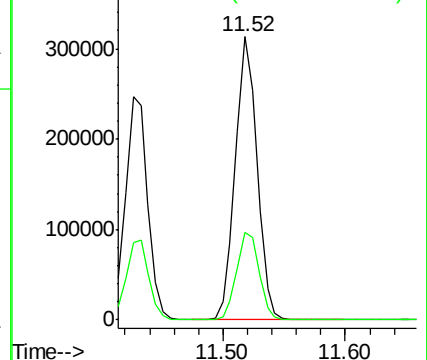
91 100

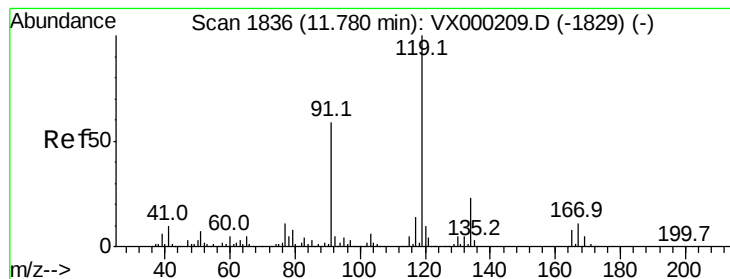
126 31.9 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 48.308 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

ClientSampleId :

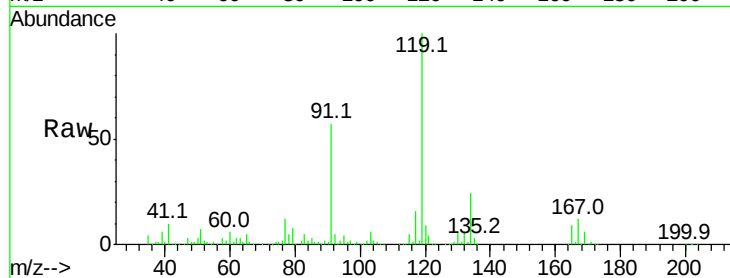
Tot Ion:119 Resp: 395136

Ion Ratio Lower Upper

119 100

91 55.2 28.9 86.7

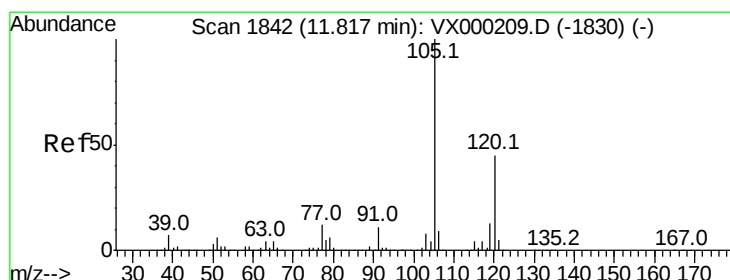
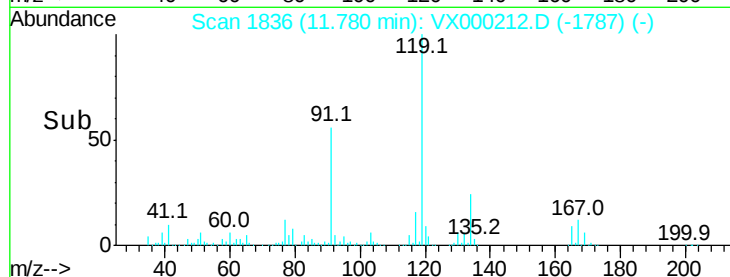
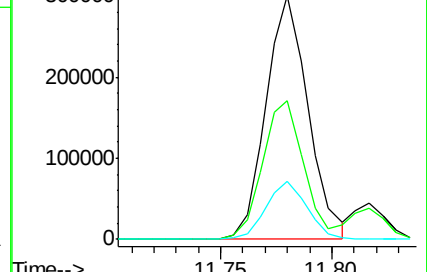
134 23.0 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.222 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX000212.D

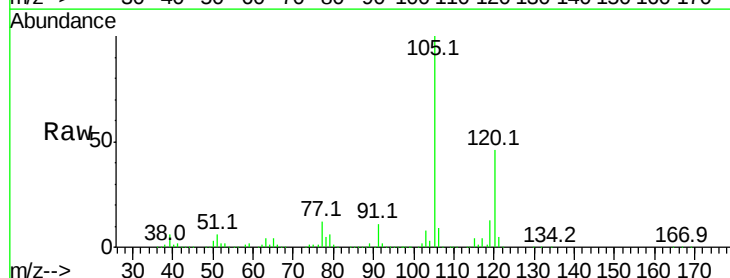
Acq: 07 Mar 2018 15:07

Tgt Ion:105 Resp: 416839

Ion Ratio Lower Upper

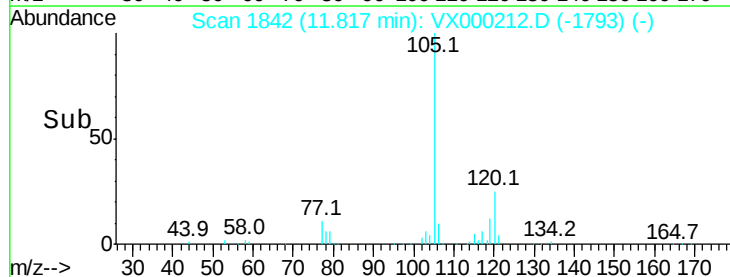
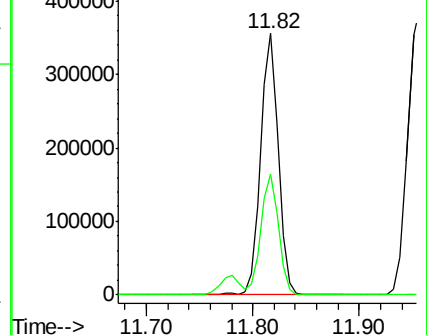
105 100

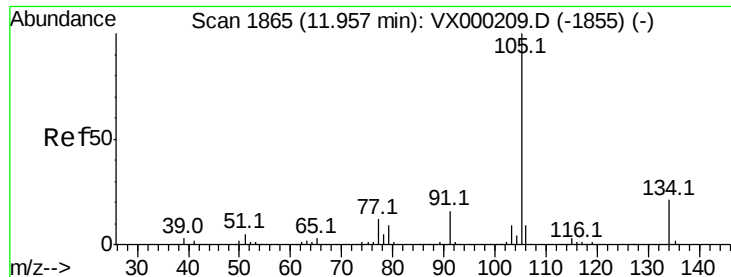
120 46.0 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 46.696 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

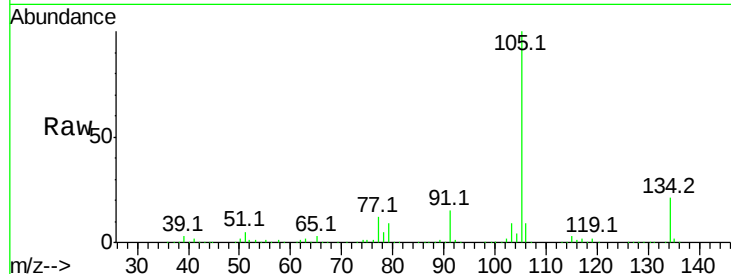
ClientSampleId :

Tot Ion:105 Resp: 483122

Ion Ratio Lower Upper

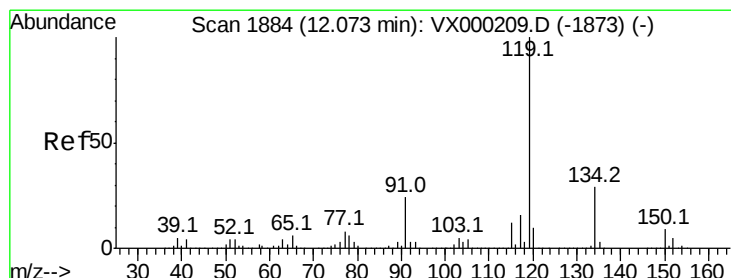
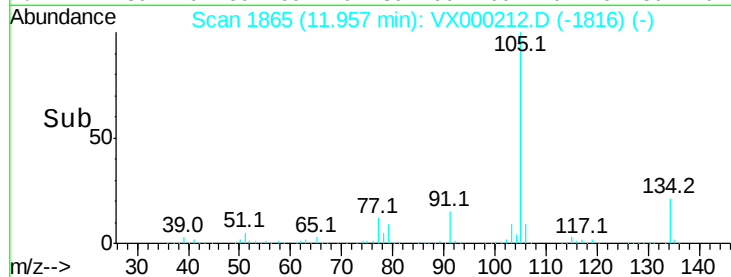
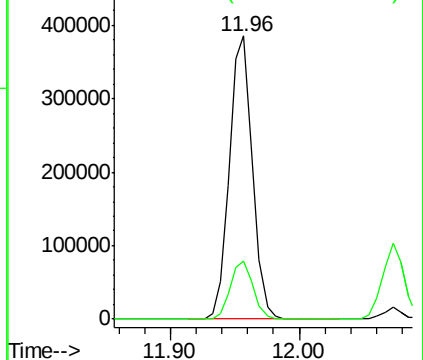
105 100

134 20.3 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.643 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

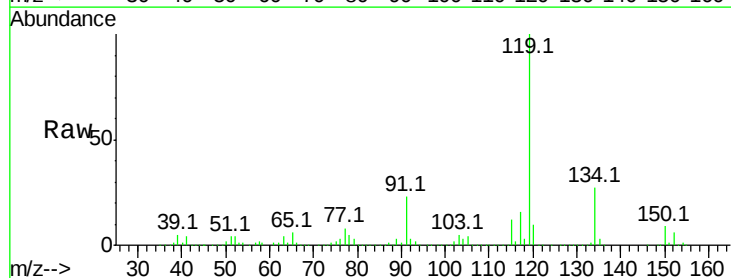
Tgt Ion:119 Resp: 443794

Ion Ratio Lower Upper

119 100

134 27.0 13.8 41.3

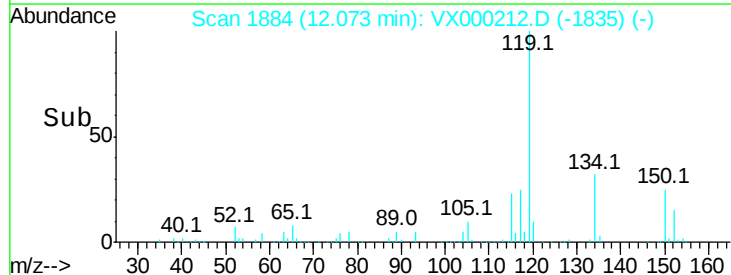
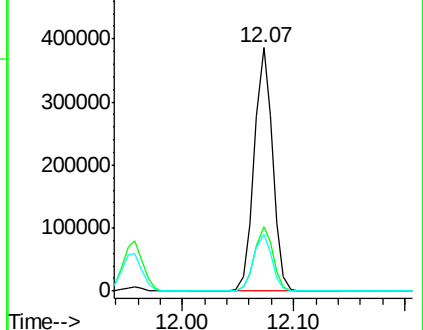
91 23.5 12.0 36.0

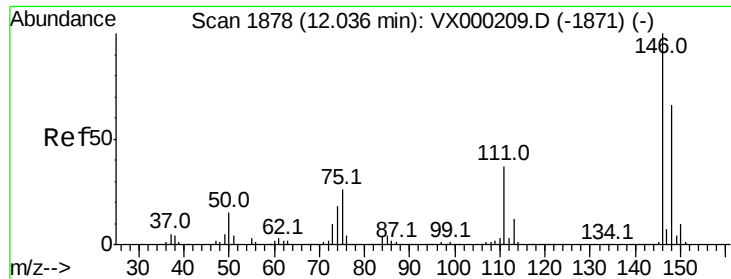


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

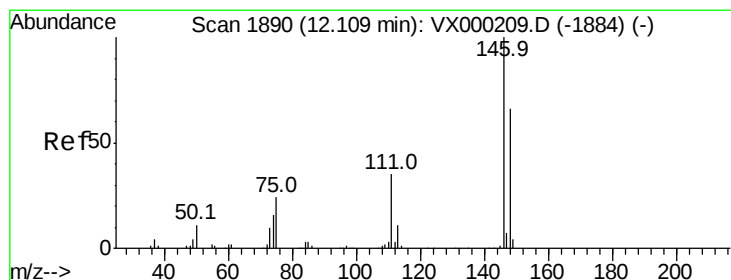
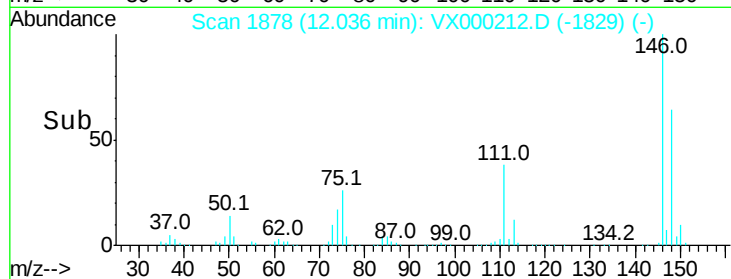
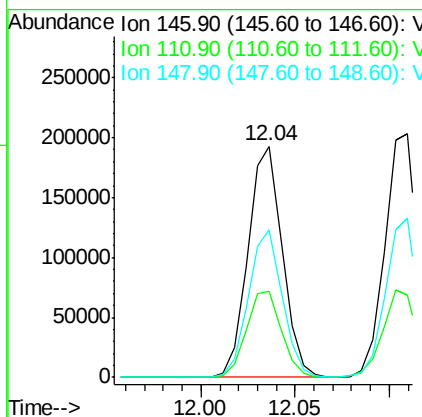
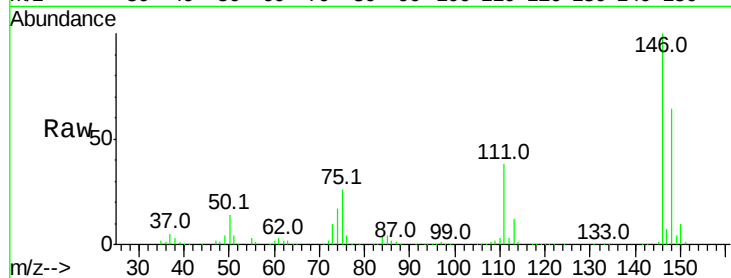




#87
 1,3-Dichlorobenzene
 Concen: 49.055 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000212.D
 Acq: 07 Mar 2018 15:07

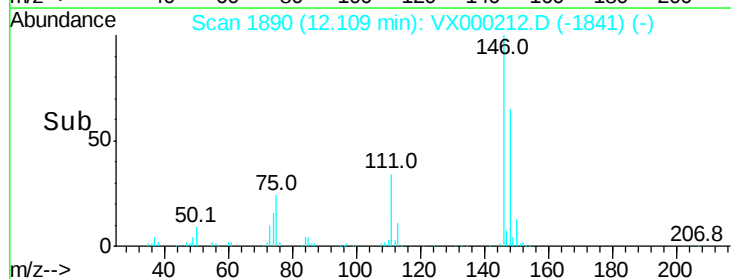
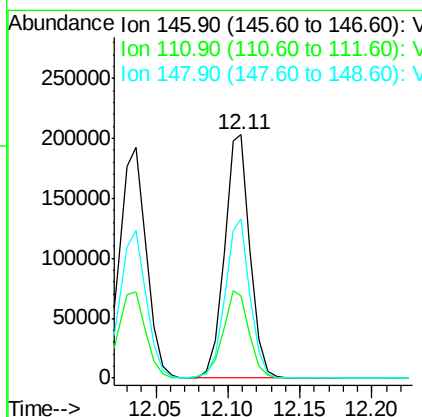
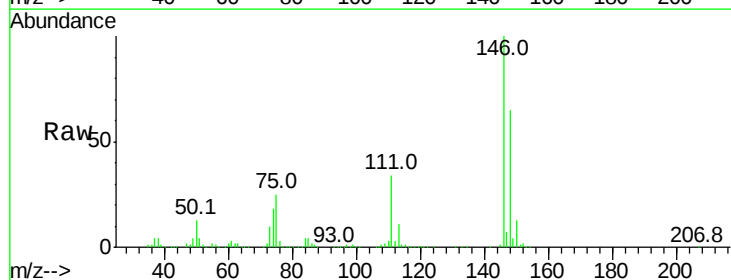
Instrument :
 MSVOA_X
 ClientSampleId :

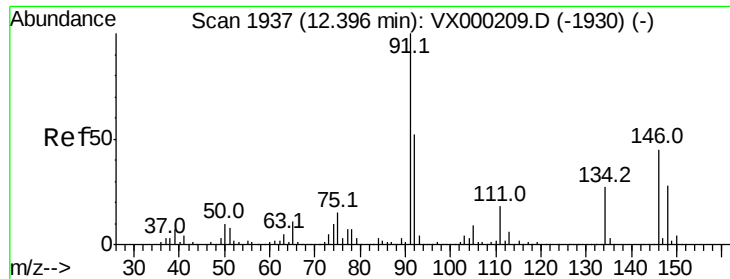
Tot Ion:146 Resp: 242776
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.0 57.0
 148 62.8 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 48.527 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000212.D
 Acq: 07 Mar 2018 15:07

Tgt Ion:146 Resp: 251692
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.9 56.9
 148 64.4 32.6 97.8

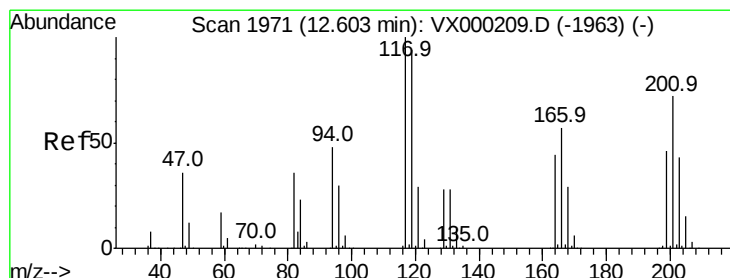
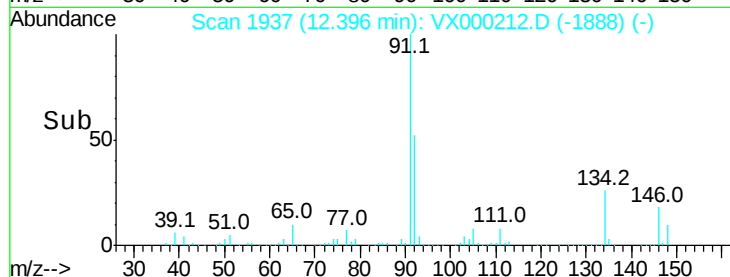
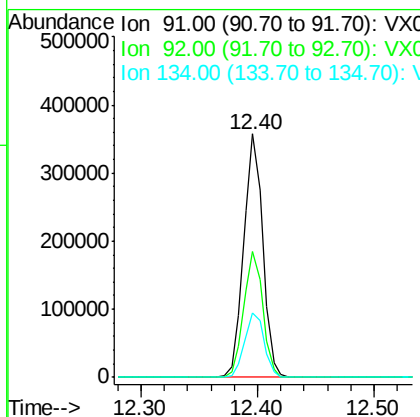
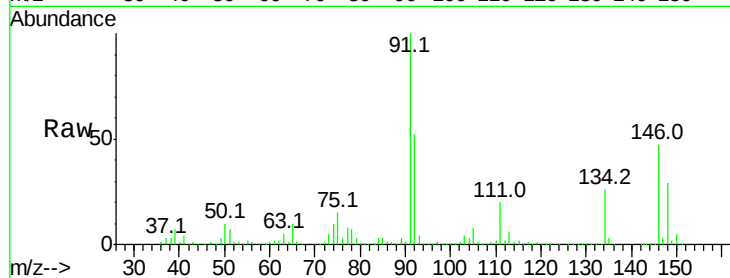




#89
n-Butylbenzene
Concen: 46.589 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

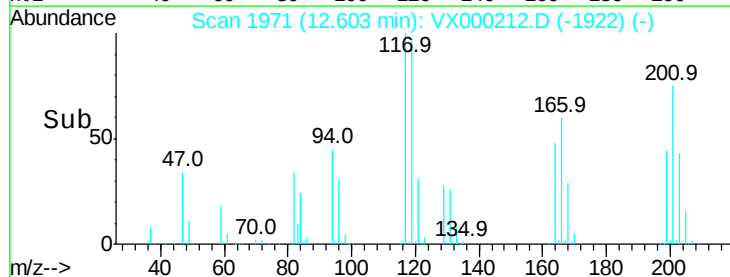
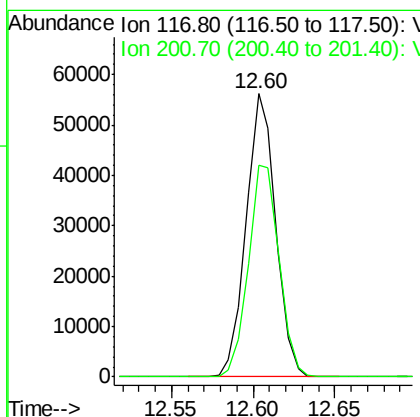
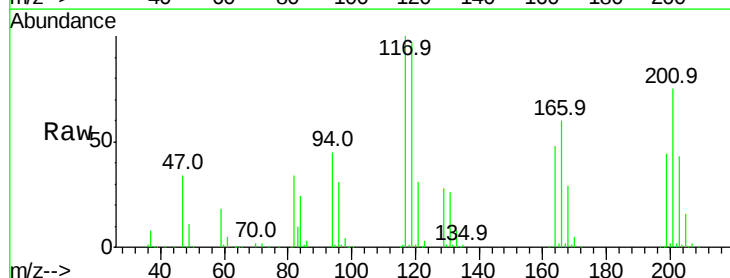
Instrument :
MSVOA_X
ClientSampled :

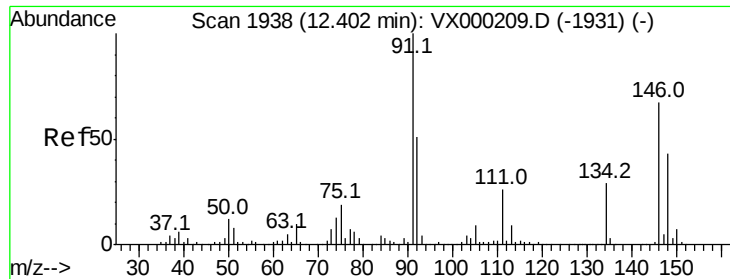
Tot Ion: 91 Resp: 409373
Ion Ratio Lower Upper
91 100
92 51.6 25.8 77.4
134 27.1 13.5 40.5



#90
Hexachloroethane
Concen: 48.413 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000212.D
Acq: 07 Mar 2018 15:07

Tgt Ion: 117 Resp: 71164
Ion Ratio Lower Upper
117 100
201 77.8 38.2 114.6

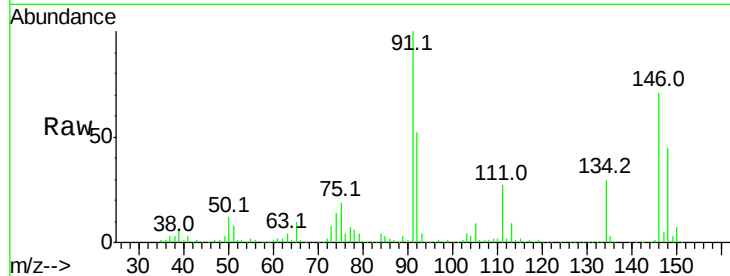




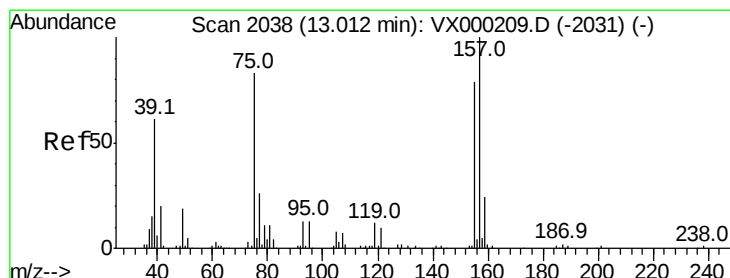
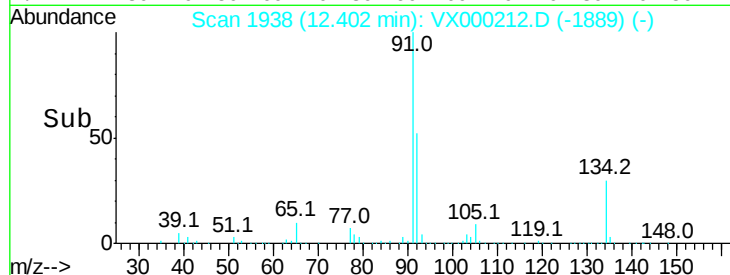
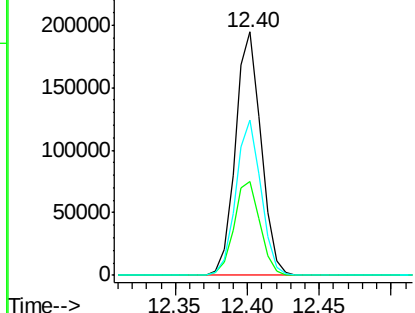
#91
 1,2-Dichlorobenzene
 Concen: 49.299 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000212.D
 Acq: 07 Mar 2018 15:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 241557
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.7 59.0
 148 62.5 32.0 96.0

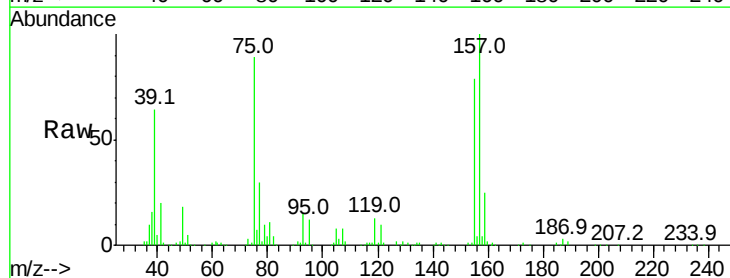


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

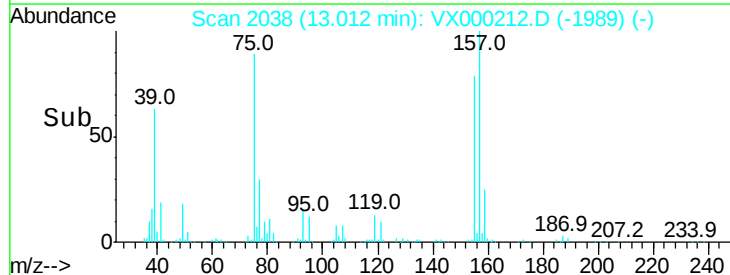
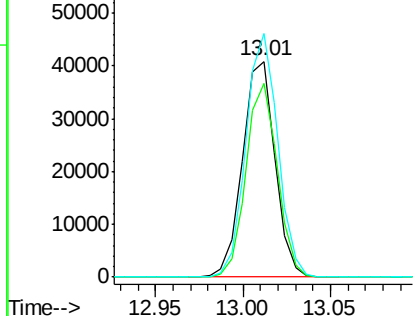


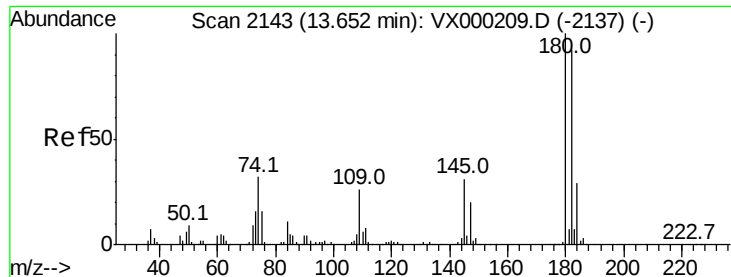
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.241 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000212.D
 Acq: 07 Mar 2018 15:07

Tgt Ion: 75 Resp: 52774
 Ion Ratio Lower Upper
 75 100
 155 86.2 45.5 136.5
 157 110.5 58.6 175.8



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

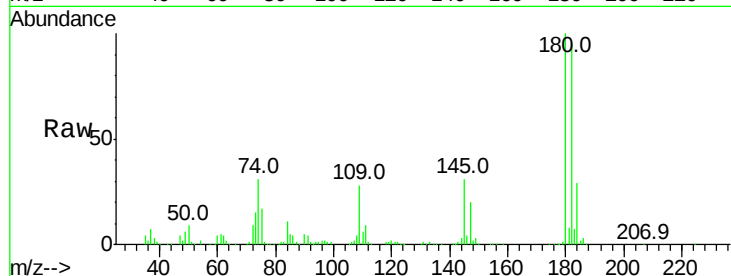




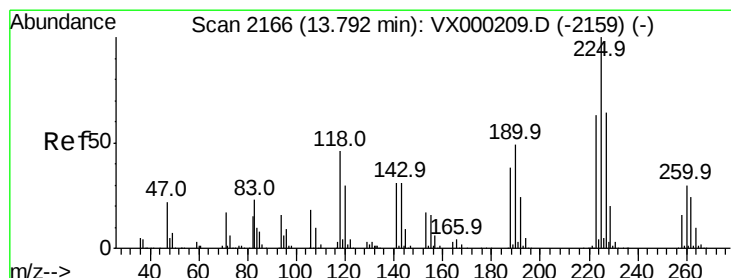
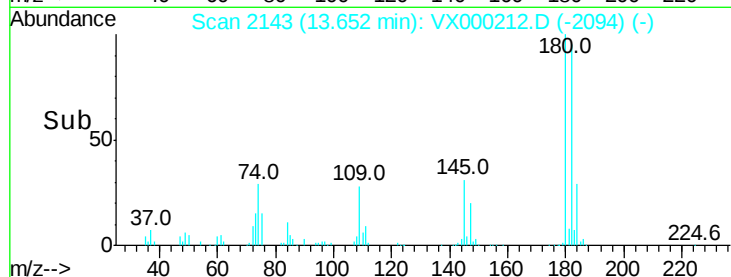
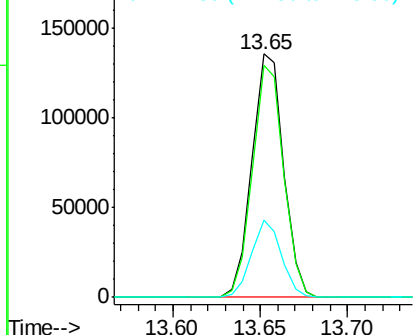
#93
 1,2,4-Trichlorobenzene
 Concen: 47.751 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000212.D
 Acq: 07 Mar 2018 15:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.0	141.0
145	30.0	15.3	45.9

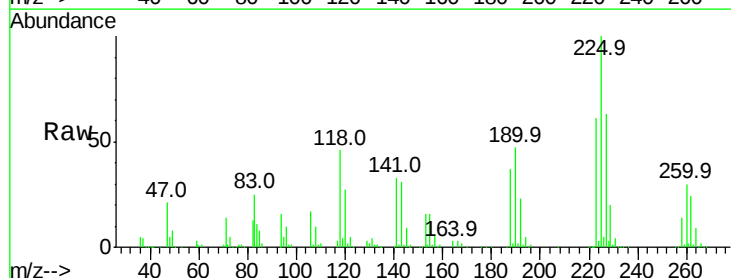


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

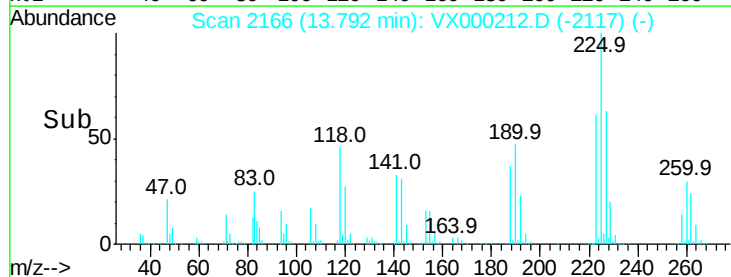
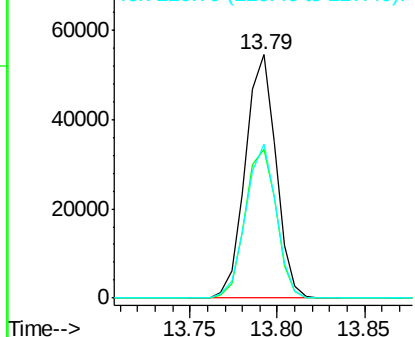


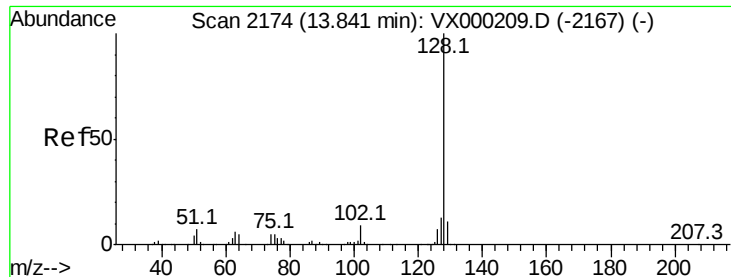
#94
 Hexachlorobutadiene
 Concen: 44.922 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000212.D
 Acq: 07 Mar 2018 15:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.8	95.3
227	63.3	31.9	95.5



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: 50.849 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

Instrument :

MSVOA_X

ClientSampleId :

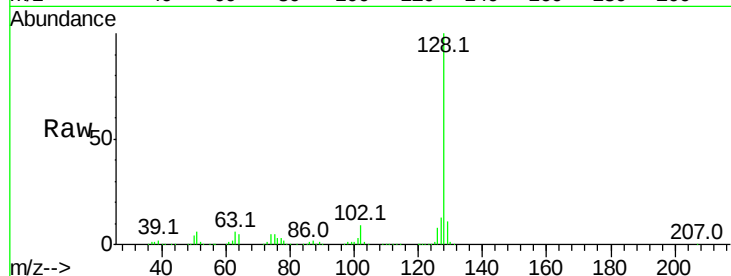
Tot Ion:128 Resp: 632488

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

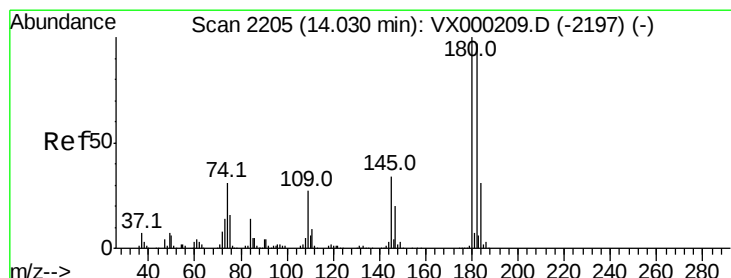
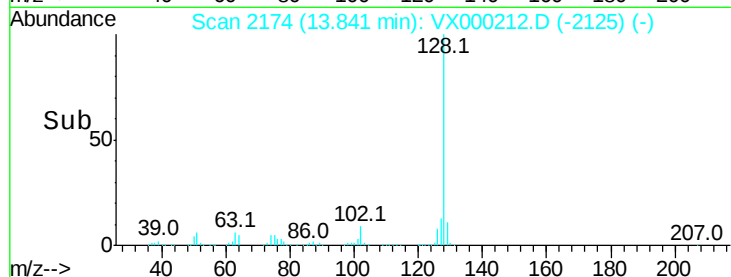
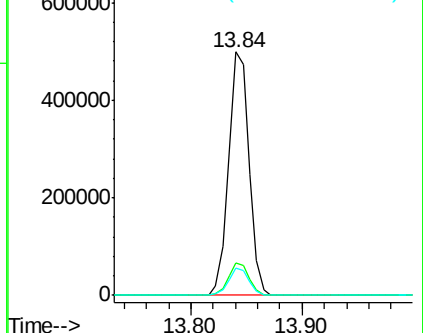
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.121 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000212.D

Acq: 07 Mar 2018 15:07

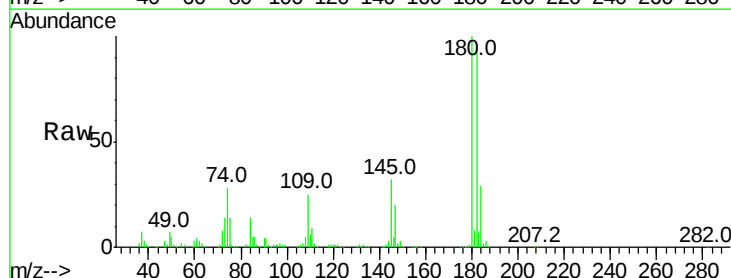
Tgt Ion:180 Resp: 169684

Ion Ratio Lower Upper

180 100

182 95.7 48.0 144.0

145 32.4 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

