

Data Path : \\74.0.250.170\VOASRV\HPCHEM1\MSVOA X\DATA\VX030718\
 Data File : VX000210.D
 Acq On : 07 Mar 2018 13:52
 Operator : JC/MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 08 00:34:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 00:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	147014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	251556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	257978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	160741	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	161605	86.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	172.04%	
35) Dibromofluoromethane	5.51	113	127193	79.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	159.66%	
50) Toluene-d8	8.73	98	532770	83.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	166.78%	
62) 4-Bromofluorobenzene	11.15	95	212570	85.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	170.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	91260	60.092	ug/l	97
3) Chloromethane	1.32	50	86879	58.395	ug/l	99
4) Vinyl Chloride	1.41	62	108332	64.851	ug/l	99
5) Bromomethane	1.64	94	117561	71.357	ug/l	98
6) Chloroethane	1.72	64	68996	61.018	ug/l	99
7) Trichlorofluoromethane	1.93	101	178605	59.695	ug/l	99
8) Diethyl Ether	2.20	74	62359	60.349	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	94070	56.463	ug/l	99
10) Methyl Iodide	2.51	142	106427	60.120	ug/l	99
11) Tert butyl alcohol	3.09	59	214916	300.885	ug/l	100
12) 1,1-Dichloroethene	2.38	96	91244	58.943	ug/l	90
13) Acrolein	2.30	56	144778	412.490	ug/l	97
14) Allyl chloride	2.73	41	167247	63.891	ug/l	99
15) Acrylonitrile	3.16	53	389590	317.156	ug/l	100
16) Acetone	2.45	43	412309	333.868	ug/l	99
17) Carbon Disulfide	2.57	76	256260	56.347	ug/l	100
18) Methyl Acetate	2.78	43	179148	62.845	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	323955	60.787	ug/l	100
20) Methylene Chloride	2.86	84	98557	57.142	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	99791	59.269	ug/l	96
22) Diisopropyl ether	3.89	45	252731	55.974	ug/l	96
23) Vinyl Acetate	3.84	43	1247694	293.388	ug/l	100
24) 1,1-Dichloroethane	3.70	63	169265	60.956	ug/l	99
25) 2-Butanone	4.72	43	522289	309.312	ug/l	97
26) 2,2-Dichloropropane	4.59	77	127317	55.116	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	91309	57.443	ug/l	98
28) Bromochloromethane	5.03	49	94995	78.012	ug/l	98
29) Tetrahydrofuran	5.18	42	339149	309.882	ug/l	99
30) Chloroform	5.23	83	169234	59.752	ug/l	100
31) Cyclohexane	5.59	56	131854	56.855	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	152357	58.707	ug/l	100
36) 1,1-Dichloropropene	5.81	75	123396	54.548	ug/l	98
37) Ethyl Acetate	4.87	43	177268	56.808	ug/l	99
38) Carbon Tetrachloride	5.79	117	134213	55.539	ug/l	97

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 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 00:32:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	150682	55.179	ug/l	97
40) Benzene	6.15	78	369722	57.103	ug/l	99
41) Methacrylonitrile	5.07	41	90859	55.735	ug/l	99
42) 1,2-Dichloroethane	6.21	62	143862	59.975	ug/l	99
43) Isopropyl Acetate	6.48	43	266241	58.928	ug/l	99
44) Trichloroethene	7.23	130	105558	55.662	ug/l	99
45) 1,2-Dichloropropane	7.52	63	94986	59.592	ug/l	95
46) Dibromomethane	7.67	93	74196	59.620	ug/l	99
47) Bromodichloromethane	7.91	83	137718	60.048	ug/l	93
48) Methyl methacrylate	7.79	41	130698	59.171	ug/l	98
49) 1,4-Dioxane	7.77	88	65555	1154.803	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1046757	313.994	ug/l	100
52) Toluene	8.79	92	257991	59.238	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	163139	60.527	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	163623	61.162	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	106583	59.465	ug/l	98
56) Ethyl methacrylate	9.19	69	170218	61.763	ug/l	99
57) 1,3-Dichloropropane	9.38	76	172569	60.468	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	505749	363.686	ug/l	99
59) 2-Hexanone	9.51	43	904084	319.694	ug/l	99
60) Dibromochloromethane	9.59	129	120213	59.765	ug/l	99
61) 1,2-Dibromoethane	9.68	107	119397	59.890	ug/l	98
64) Tetrachloroethene	9.34	164	99477	53.852	ug/l	96
65) Chlorobenzene	10.15	112	304731	56.209	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	106983	56.927	ug/l	97
67) Ethyl Benzene	10.26	91	521273	57.047	ug/l	99
68) m/p-Xylenes	10.37	106	422295	116.594	ug/l	98
69) o-Xylene	10.71	106	203532	58.479	ug/l	98
70) Styrene	10.72	104	350987	61.491	ug/l	98
71) Bromoform	10.87	173	100389	59.248	ug/l #	99
73) Isopropylbenzene	11.02	105	549190	54.186	ug/l	99
74) N-amyl acetate	6.48	43	266241	52.237	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	197940	55.991	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	240086	72.721	ug/l	82
77) Bromobenzene	11.26	156	141494	52.119	ug/l	97
78) n-propylbenzene	11.37	91	644324	53.896	ug/l	99
79) 2-Chlorotoluene	11.43	91	373312	54.764	ug/l	100
80) 1,3,5-Trimethylbenzene	11.52	105	469362	54.855	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	62467	54.592	ug/l	99
82) 4-Chlorotoluene	11.52	91	454612	54.746	ug/l	100
83) tert-Butylbenzene	11.78	119	462365	53.472	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	486227	54.629	ug/l	100
85) sec-Butylbenzene	11.96	105	577241	53.643	ug/l	100
86) p-Isopropyltoluene	12.07	119	516612	53.893	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	278264	52.977	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	295360	54.422	ug/l	98
89) n-Butylbenzene	12.40	91	481226	52.913	ug/l	100
90) Hexachloroethane	12.60	117	84992	54.867	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	279186	53.939	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56929	58.138	ug/l	99

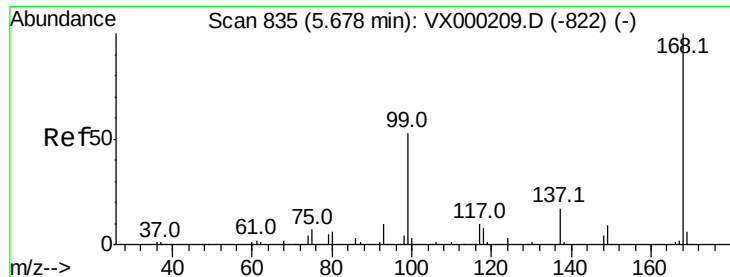
Data Path : \\74.0.250.170\VOASRV\HPCHEM1\MSVOA X\DATA\VX030718\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	196673	51.228	ug/l	99
94) Hexachlorobutadiene	13.79	225	77080	46.614	ug/l	99
95) Naphthalene	13.85	128	714017	54.467	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	197369	52.141	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

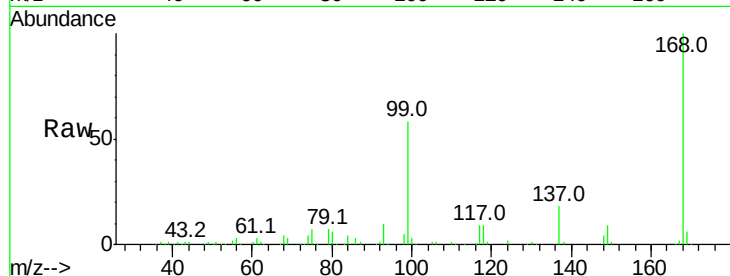
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 147014

Ion Ratio Lower Upper

168 100

99 57.6 42.8 64.2

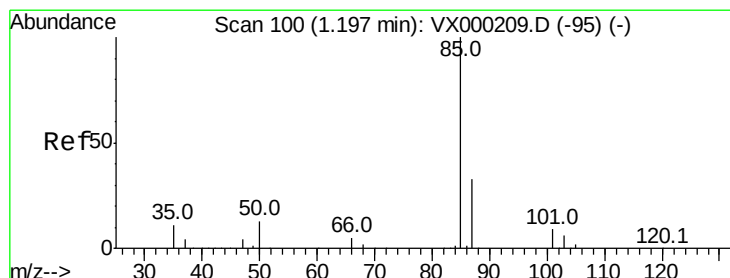
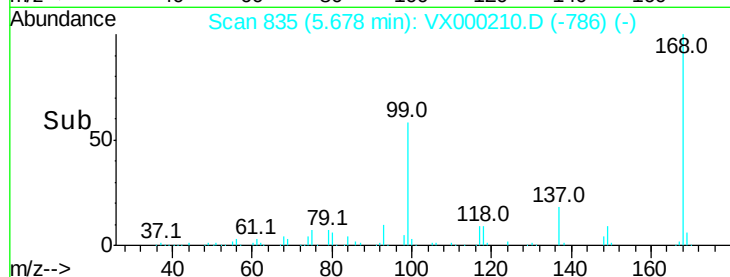


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

Time-->



#2

Dichlorodifluoromethane

Concen: 60.092 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000210.D

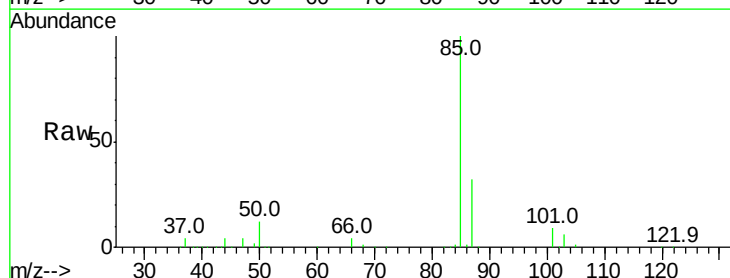
Acq: 07 Mar 2018 13:52

Tgt Ion: 85 Resp: 91260

Ion Ratio Lower Upper

85 100

87 31.7 16.7 50.0

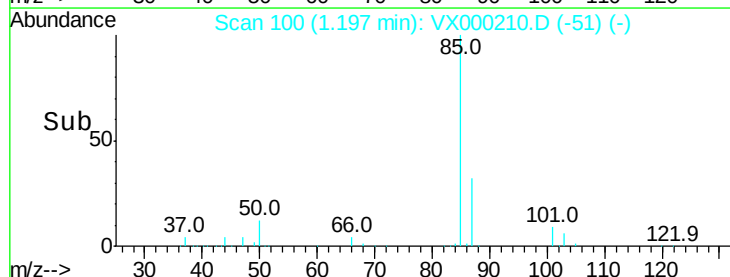


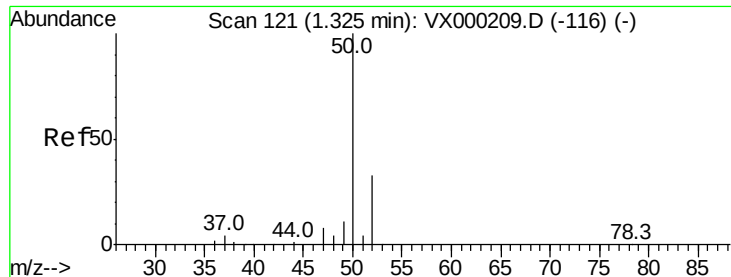
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 58.395 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

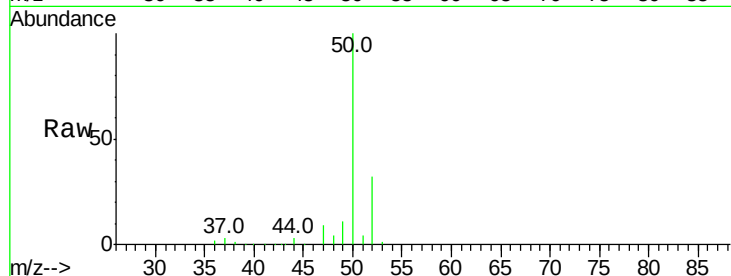
ClientSampleId :

Tot Ion: 50 Resp: 86879

Ion Ratio Lower Upper

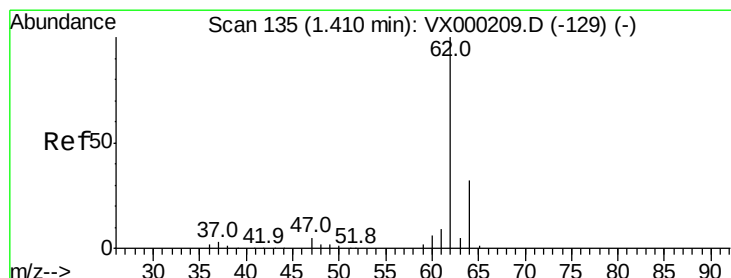
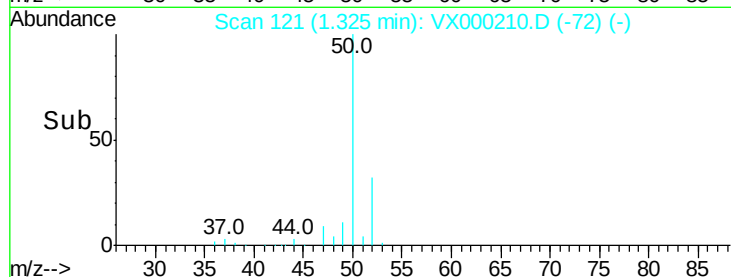
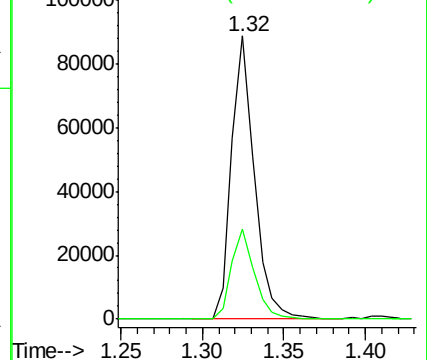
50 100

52 31.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 64.851 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000210.D

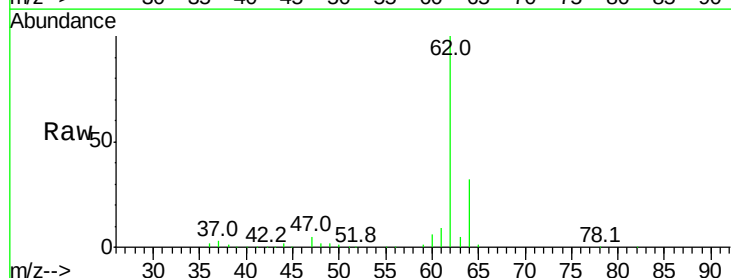
Acq: 07 Mar 2018 13:52

Tgt Ion: 62 Resp: 108332

Ion Ratio Lower Upper

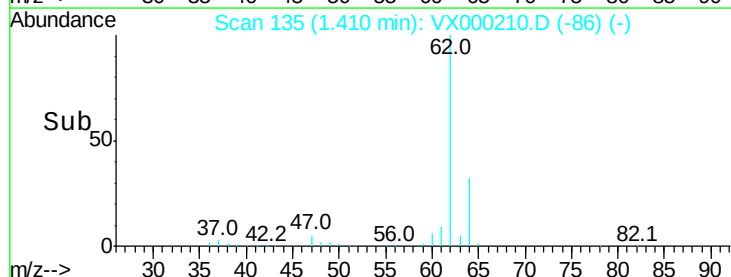
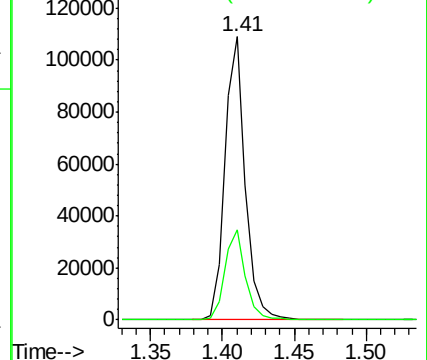
62 100

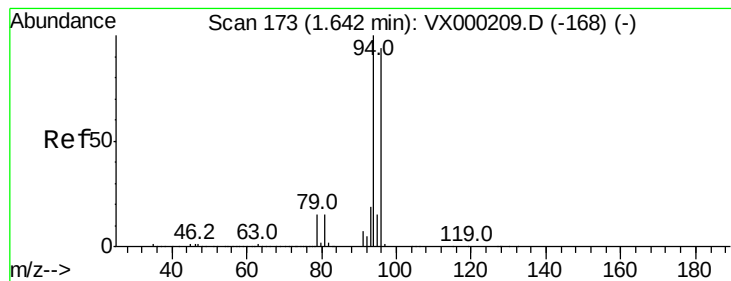
64 31.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 71.357 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

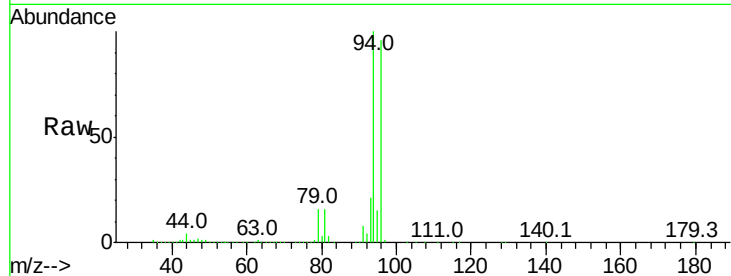
ClientSampleId :

Tot Ion: 94 Resp: 117561

Ion Ratio Lower Upper

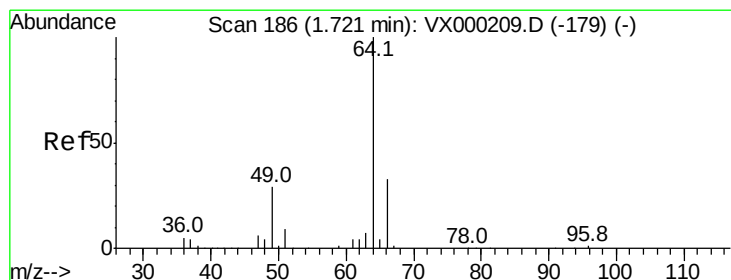
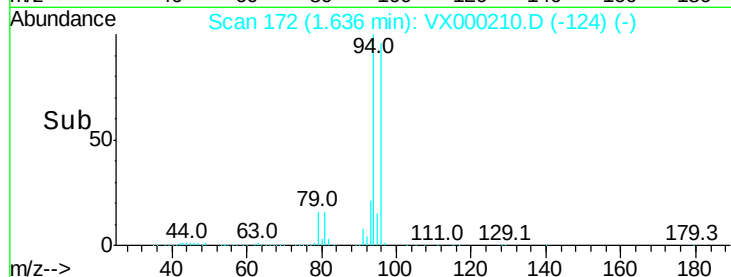
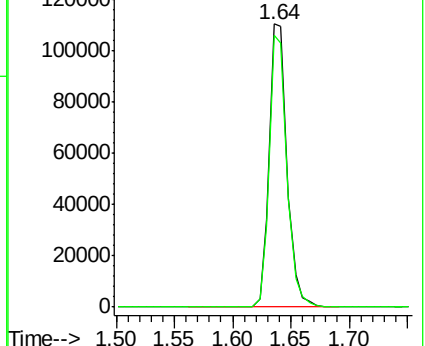
94 100

96 95.9 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 61.018 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX000210.D

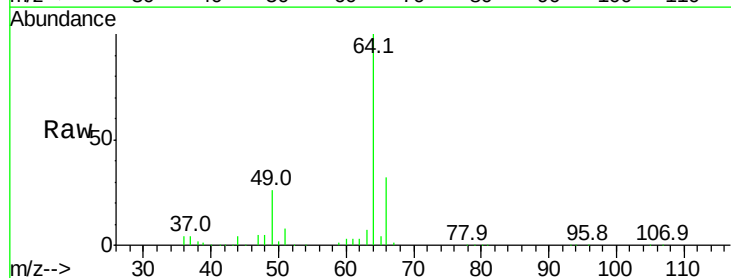
Acq: 07 Mar 2018 13:52

Tgt Ion: 64 Resp: 68996

Ion Ratio Lower Upper

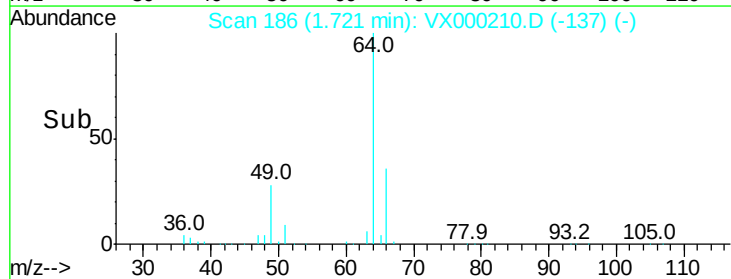
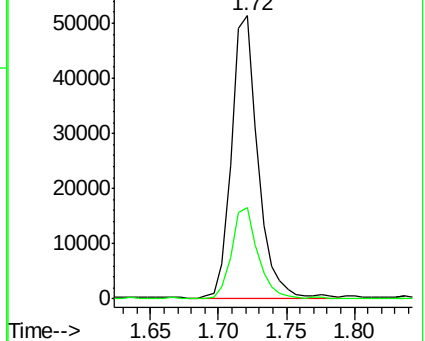
64 100

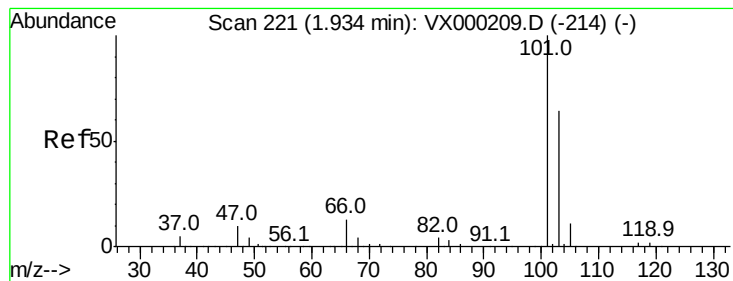
66 32.2 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



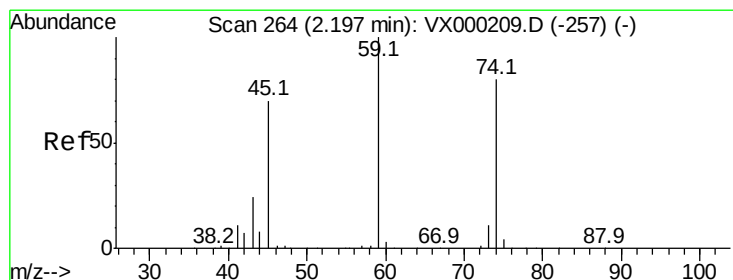
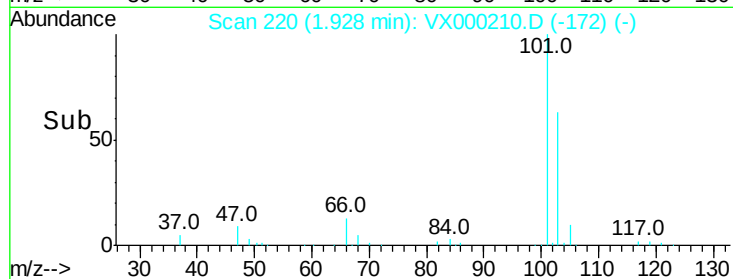
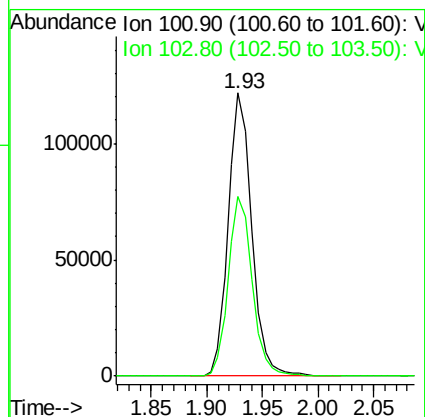
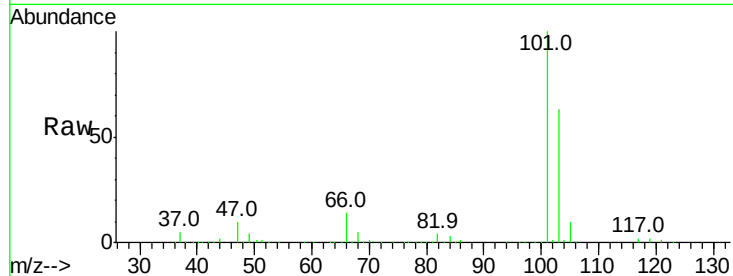


#7

Trichlorofluoromethane
Concen: 59.695 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :

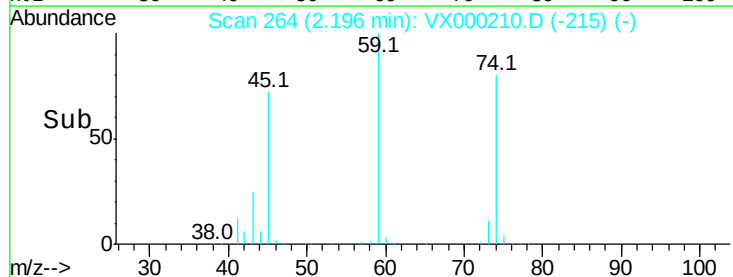
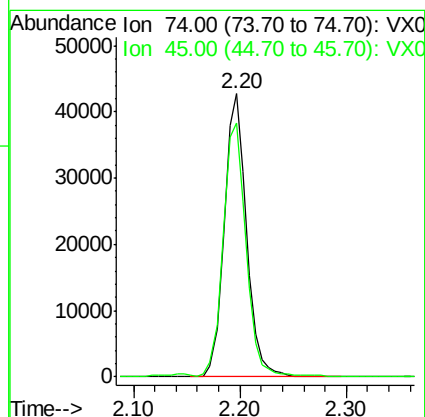
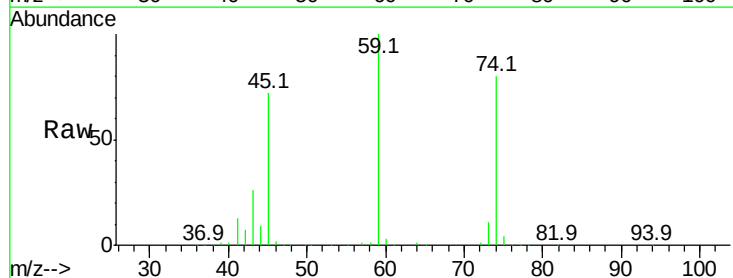
Tot Ion:101 Resp: 178605
Ion Ratio Lower Upper
101 100
103 63.3 51.2 76.8

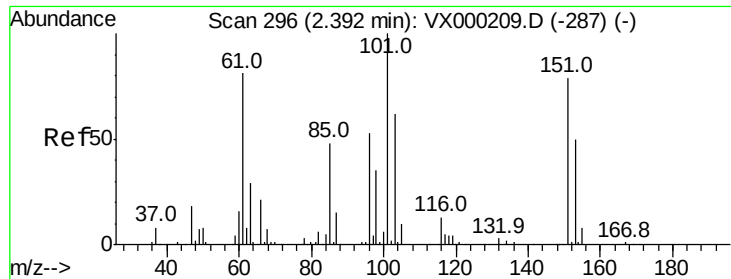


#8

Diethyl Ether
Concen: 60.349 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion: 74 Resp: 62359
Ion Ratio Lower Upper
74 100
45 92.5 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.463 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

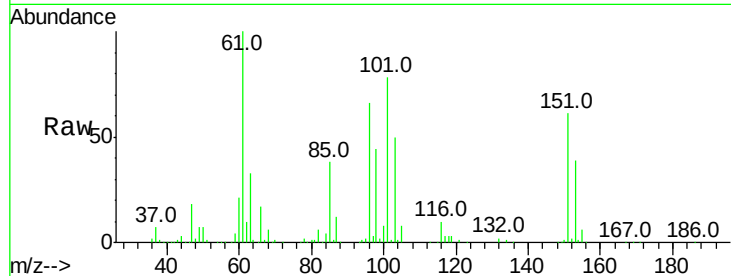
Tot Ion:101 Resp: 94070

Ion Ratio Lower Upper

101 100

85 47.8 38.3 57.5

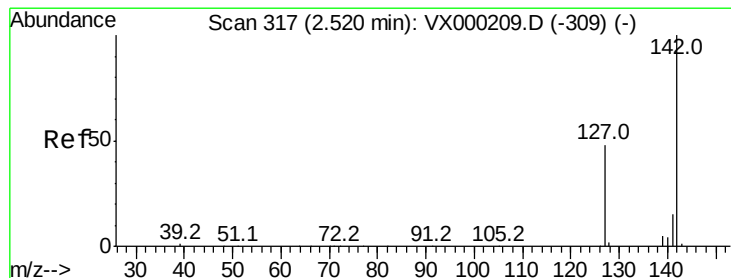
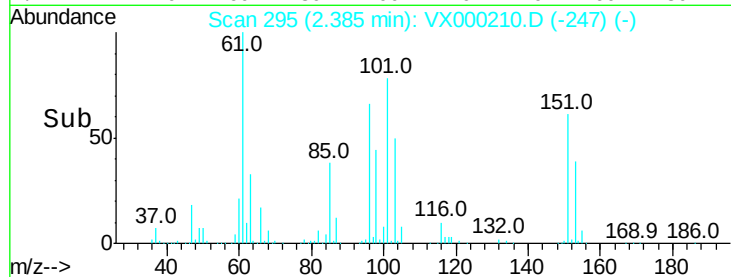
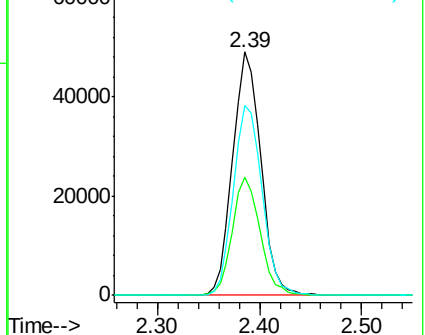
151 79.6 62.8 94.2



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: 60.120 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

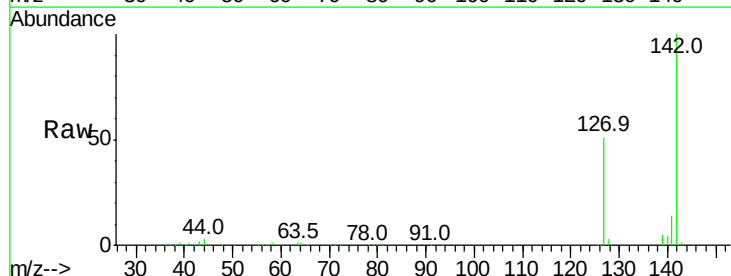
Tgt Ion:142 Resp: 106427

Ion Ratio Lower Upper

142 100

127 49.4 39.0 58.6

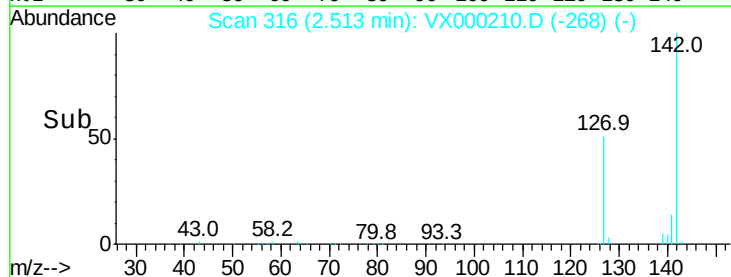
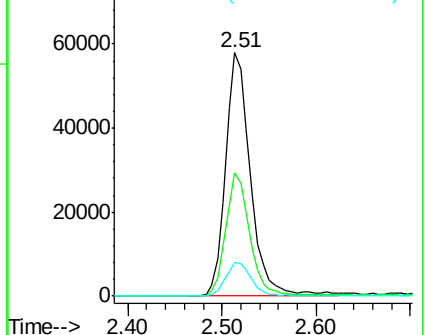
141 14.3 11.6 17.4

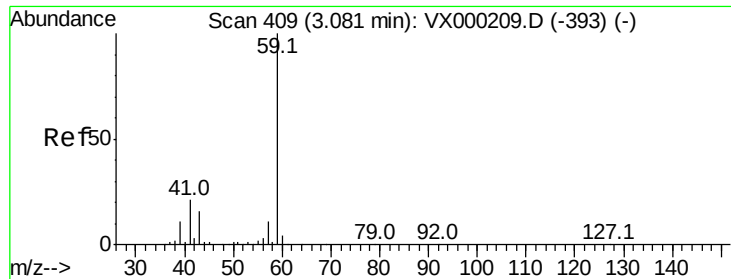


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



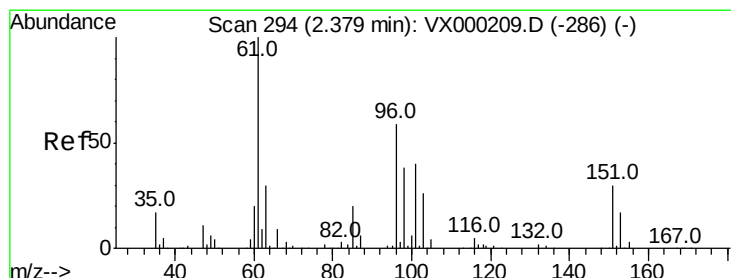
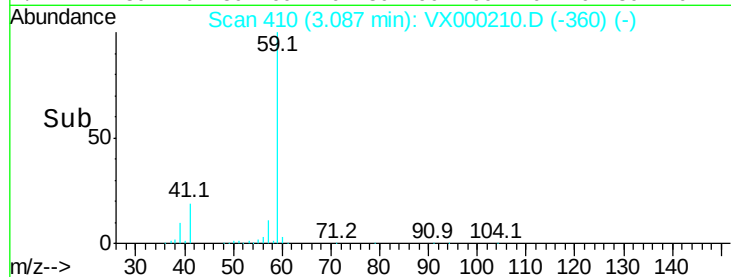
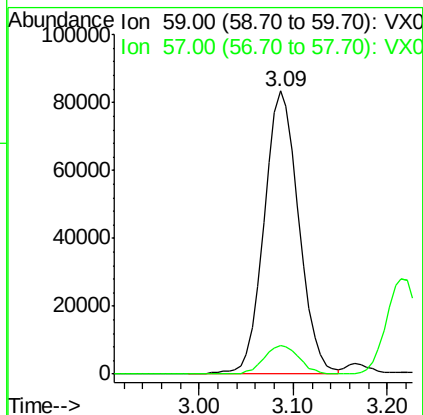
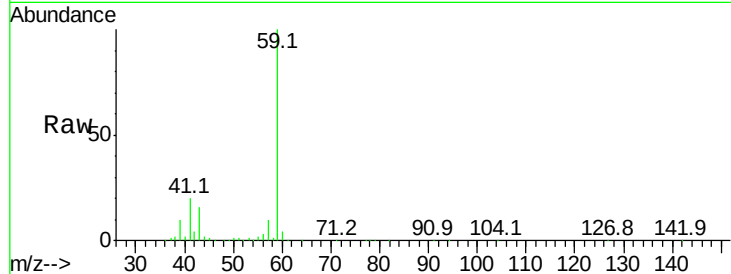


#11

Tert butyl alcohol
Concen: 300.885 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampled :

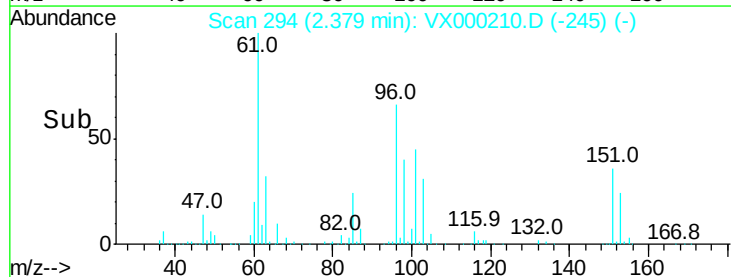
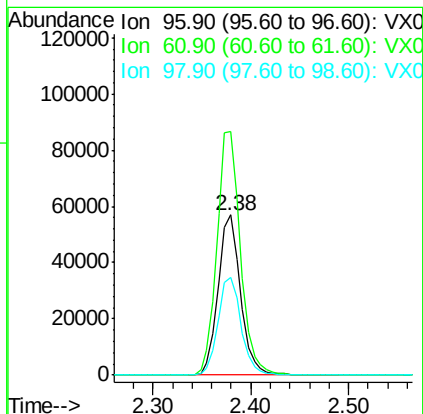
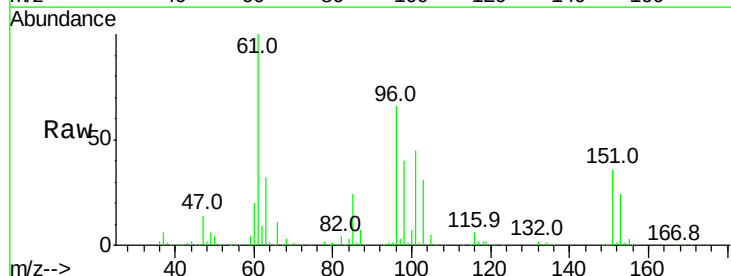
Tot Ion: 59 Resp: 214916
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6

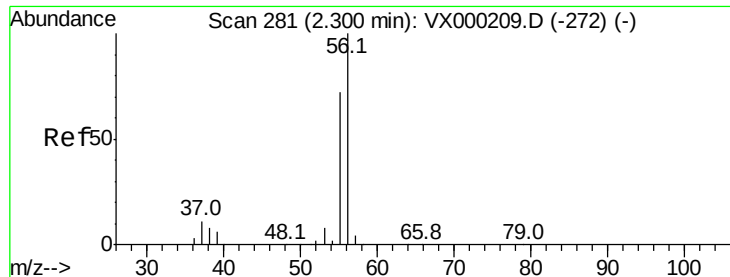


#12

1,1-Dichloroethene
Concen: 58.943 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion: 96 Resp: 91244
Ion Ratio Lower Upper
96 100
61 152.1 135.8 203.6
98 61.1 51.1 76.7





#13

Acrolein

Concen: 412.490 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

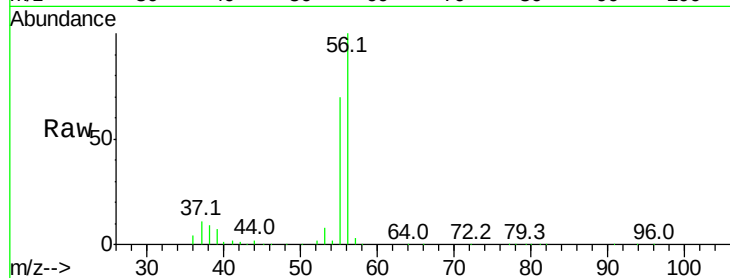
ClientSampled :

Tot Ion: 56 Resp: 144778

Ion Ratio Lower Upper

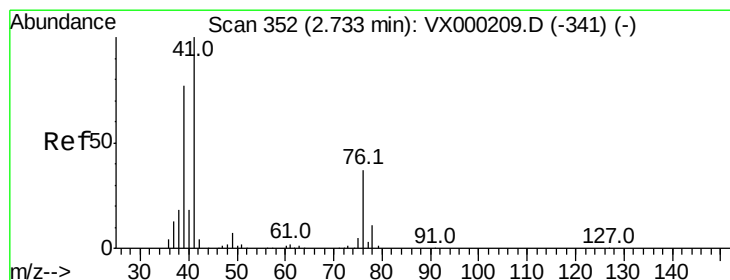
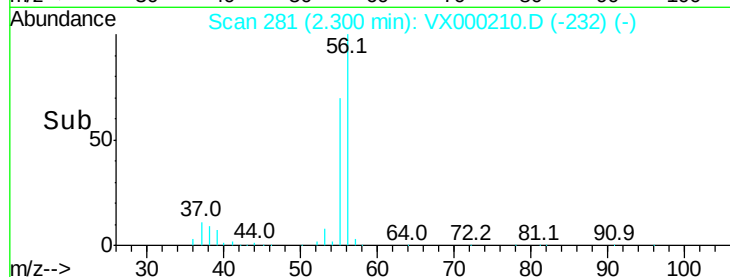
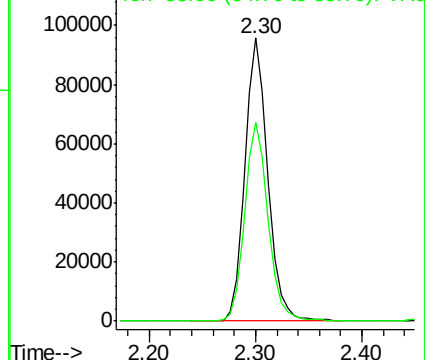
56 100

55 71.6 59.2 88.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 63.891 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

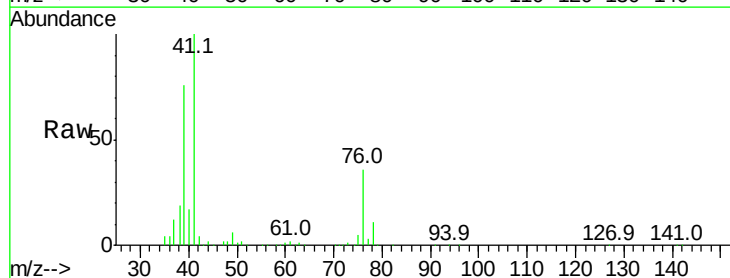
Tgt Ion: 41 Resp: 167247

Ion Ratio Lower Upper

41 100

39 70.5 57.0 85.6

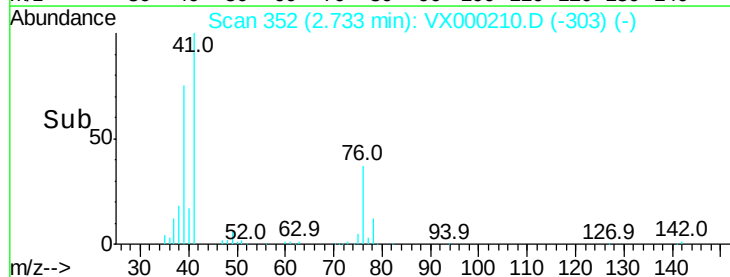
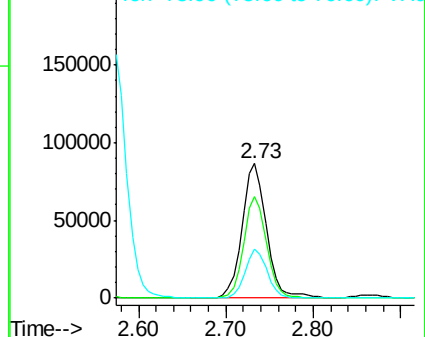
76 33.2 26.8 40.2

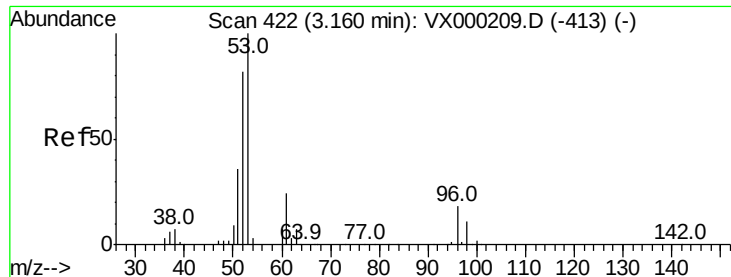


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 317.156 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

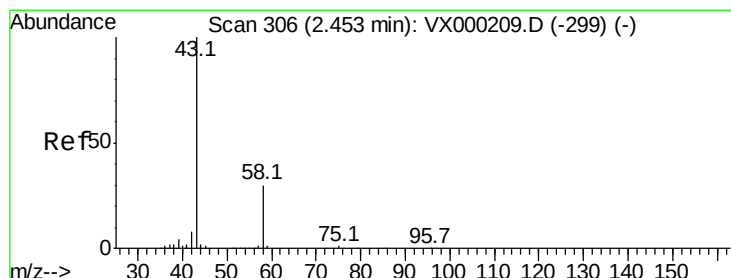
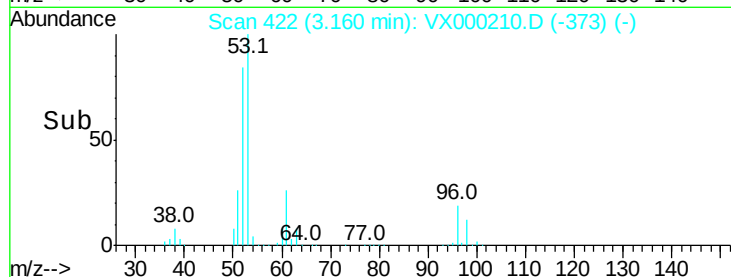
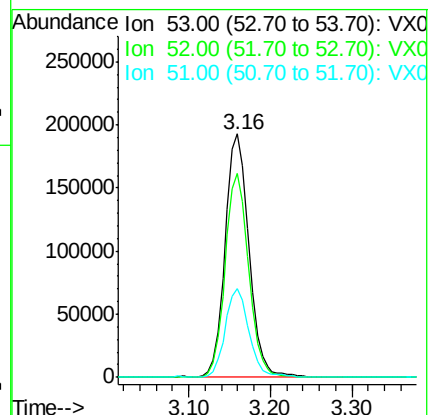
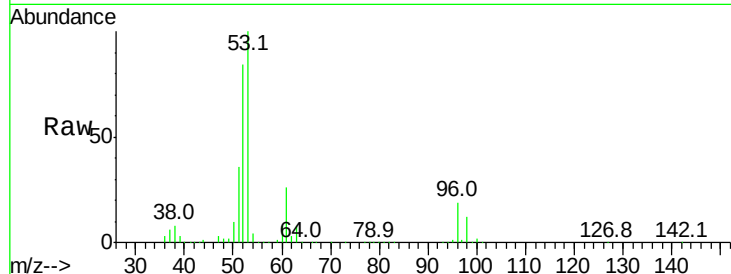
Tot Ion: 53 Resp: 389590

Ion Ratio Lower Upper

53 100

52 82.5 66.3 99.5

51 36.6 29.6 44.4



#16

Acetone

Concen: 333.868 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000210.D

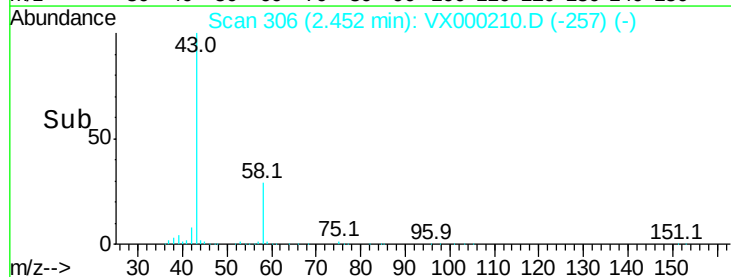
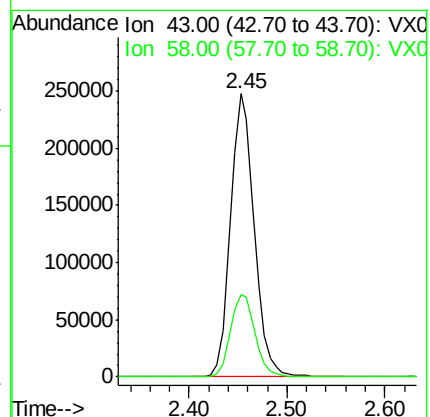
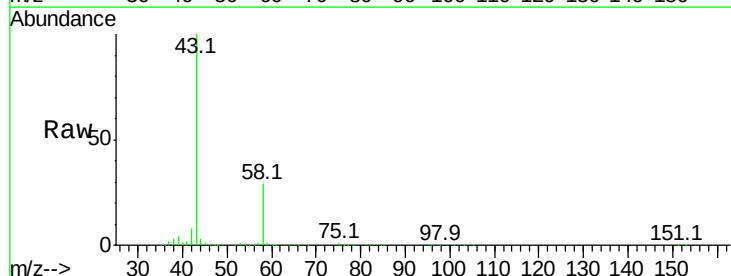
Acq: 07 Mar 2018 13:52

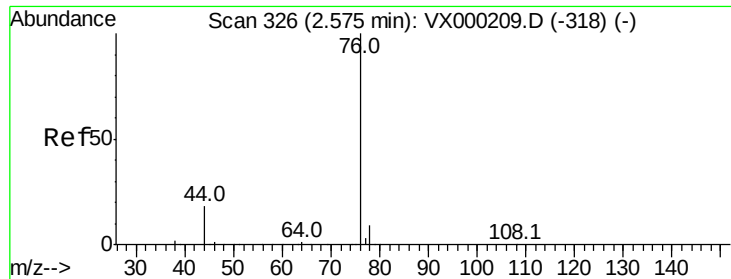
Tgt Ion: 43 Resp: 412309

Ion Ratio Lower Upper

43 100

58 29.1 23.8 35.6





#17

Carbon Disulfide

Concen: 56.347 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

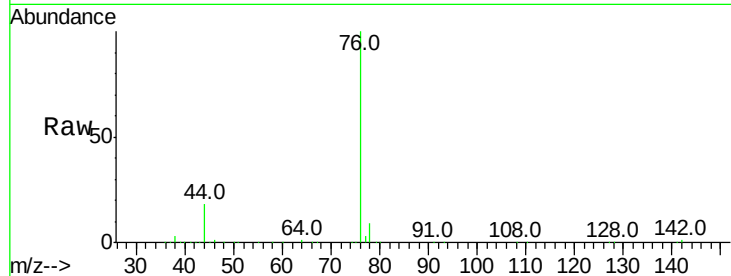
ClientSampleId :

Tot Ion: 76 Resp: 256260

Ion Ratio Lower Upper

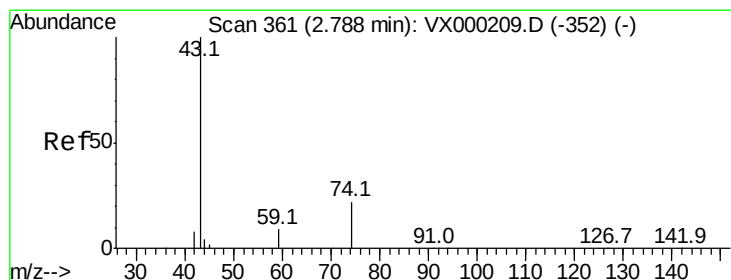
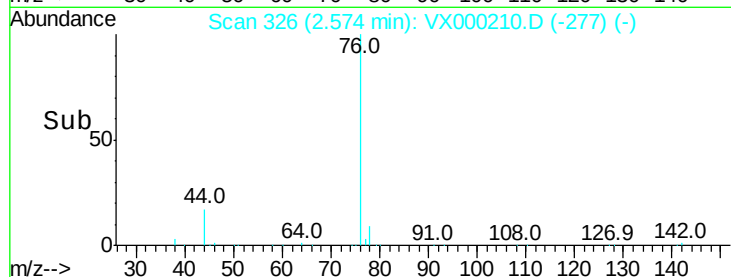
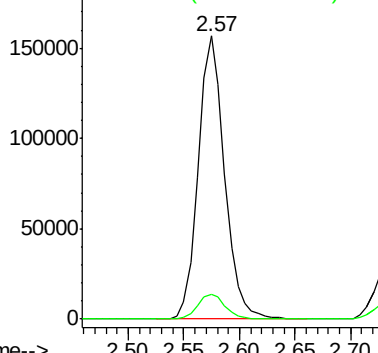
76 100

78 8.8 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: 62.845 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000210.D

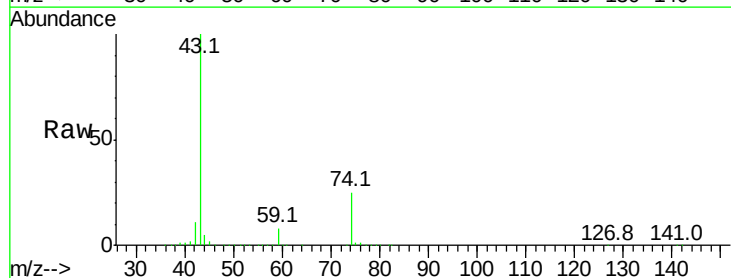
Acq: 07 Mar 2018 13:52

Tgt Ion: 43 Resp: 179148

Ion Ratio Lower Upper

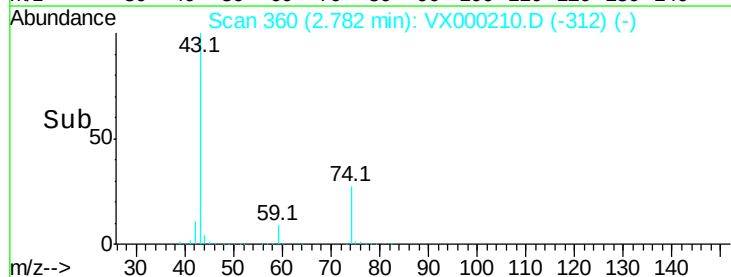
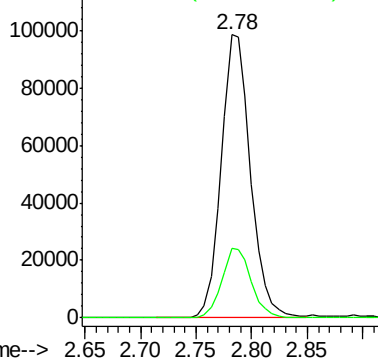
43 100

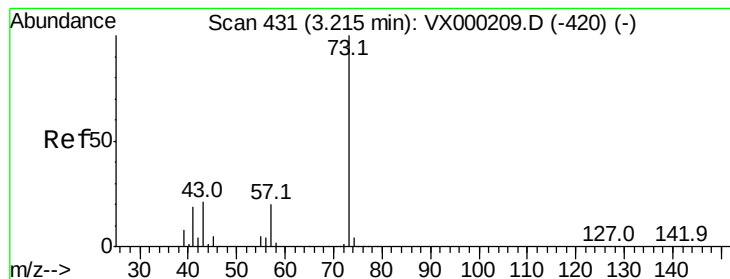
74 24.8 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



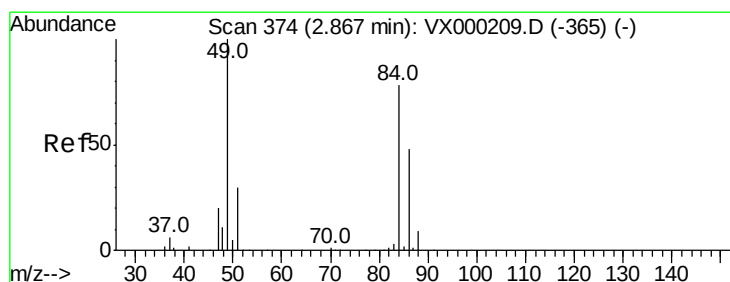
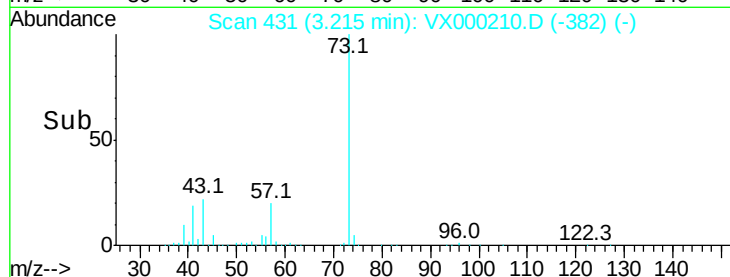
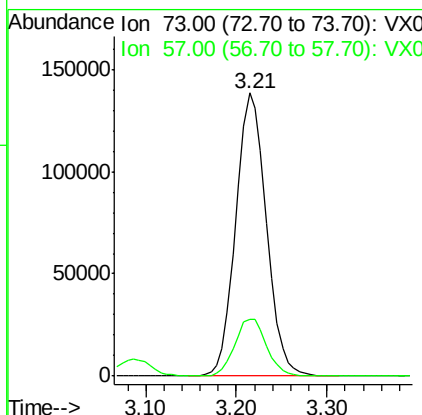
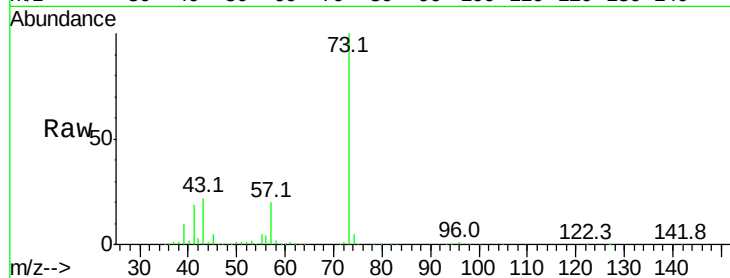


#19

Methyl tert-butyl Ether
 Concen: 60.787 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :

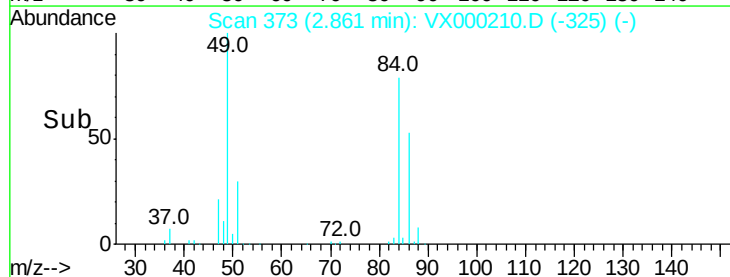
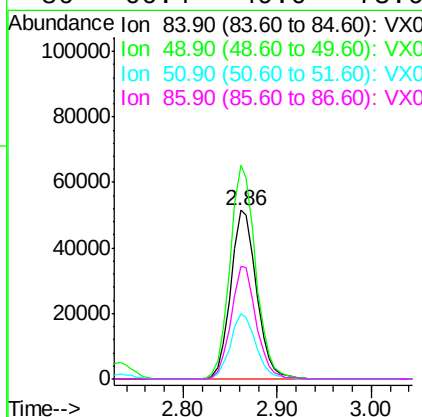
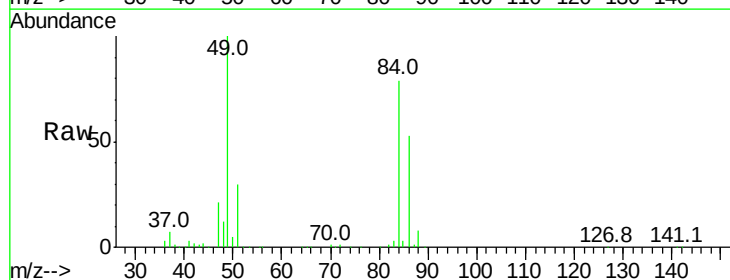
Tot Ion: 73 Resp: 323955
 Ion Ratio Lower Upper
 73 100
 57 20.2 16.3 24.5

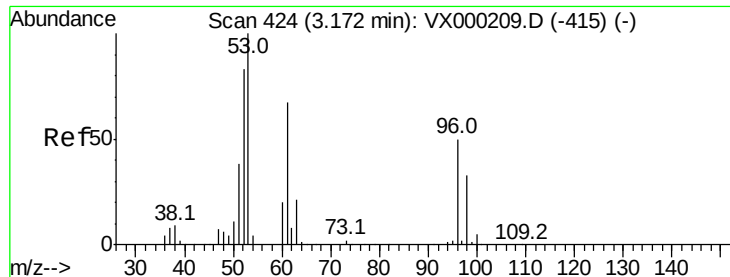


#20

Methylene Chloride
 Concen: 57.142 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Tgt Ion: 84 Resp: 98557
 Ion Ratio Lower Upper
 84 100
 49 126.6 102.1 153.1
 51 38.2 30.6 45.8
 86 66.4 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 59.269 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

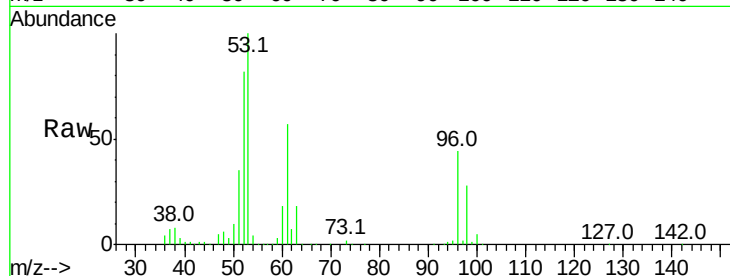
Tot Ion: 96 Resp: 99791

Ion Ratio Lower Upper

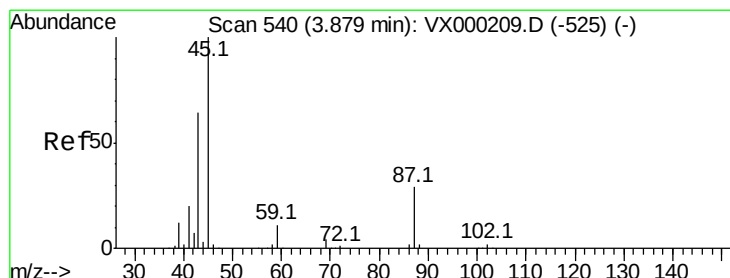
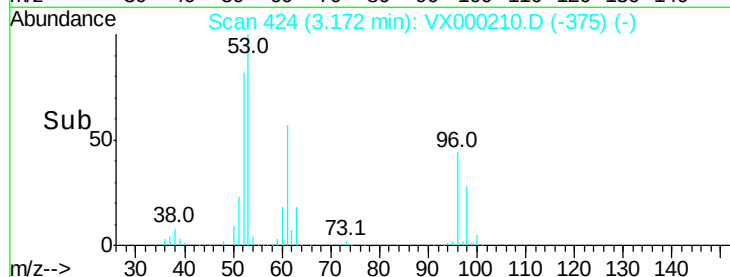
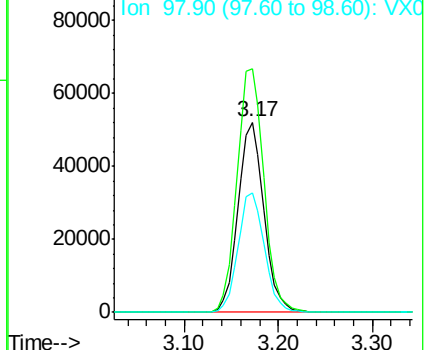
96 100

61 128.0 107.0 160.4

98 63.1 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



#22

Diisopropyl ether

Concen: 55.974 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Tgt Ion: 45 Resp: 252731

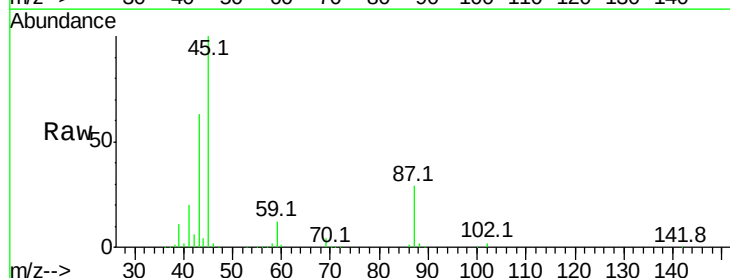
Ion Ratio Lower Upper

45 100

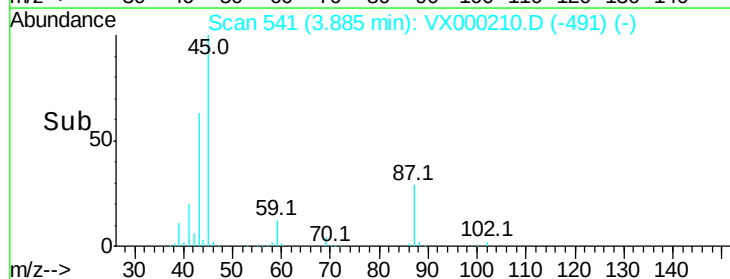
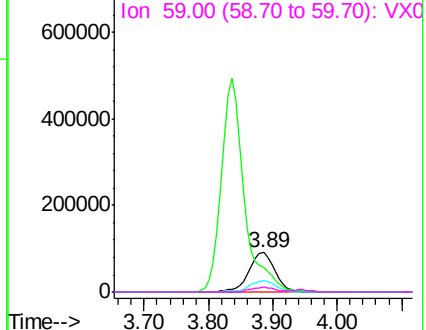
43 62.5 53.5 80.3

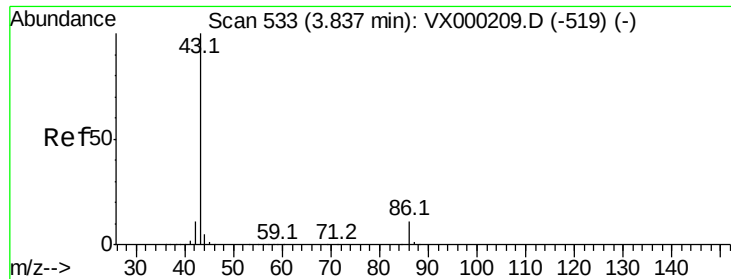
87 29.3 23.3 34.9

59 11.8 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





#23

Vinyl Acetate

Concen: 293.388 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

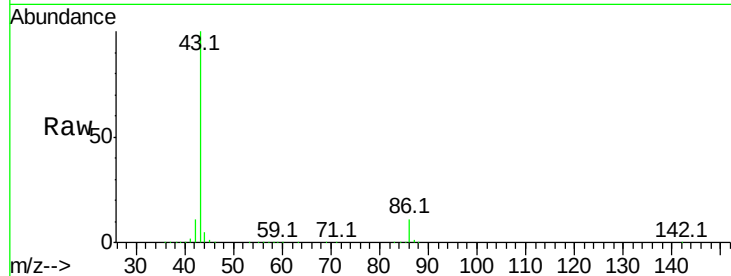
ClientSampled :

Tot Ion: 43 Resp: 1247694

Ion Ratio Lower Upper

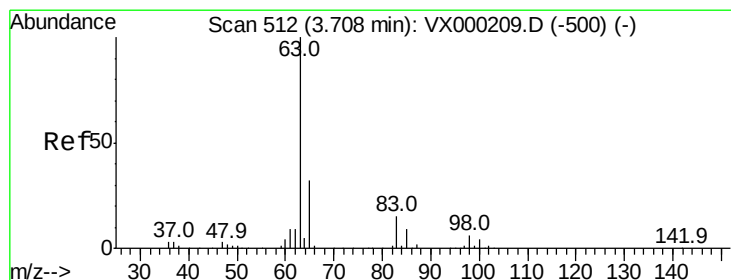
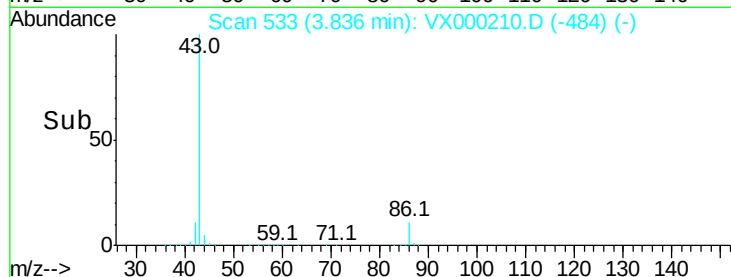
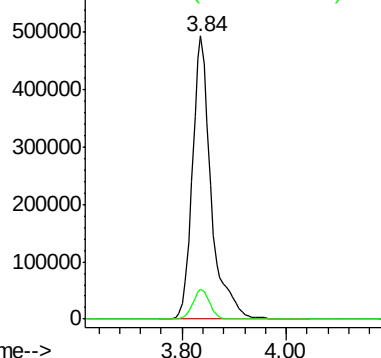
43 100

86 10.7 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 60.956 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

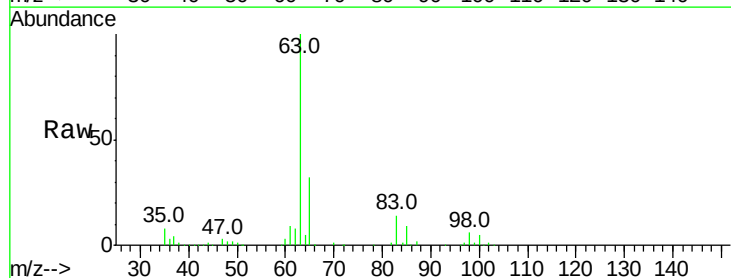
Tgt Ion: 63 Resp: 169265

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

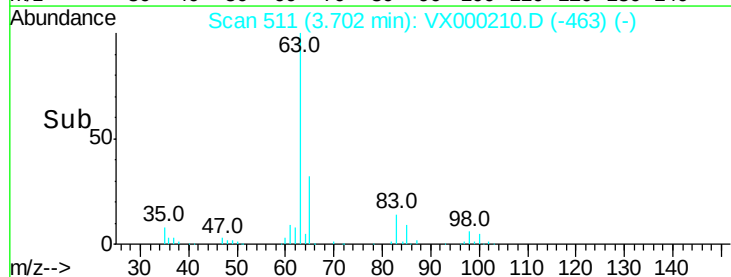
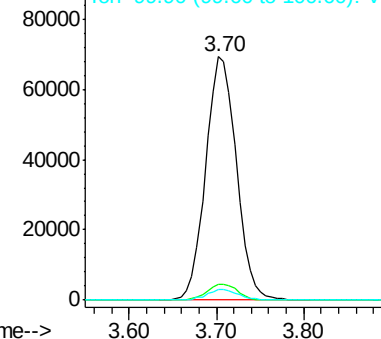
100 4.6 2.2 6.6

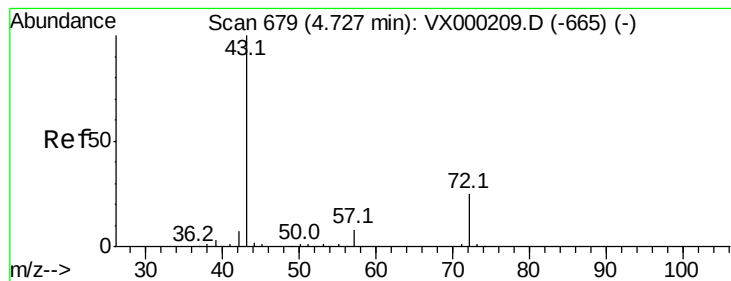


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 309.312 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

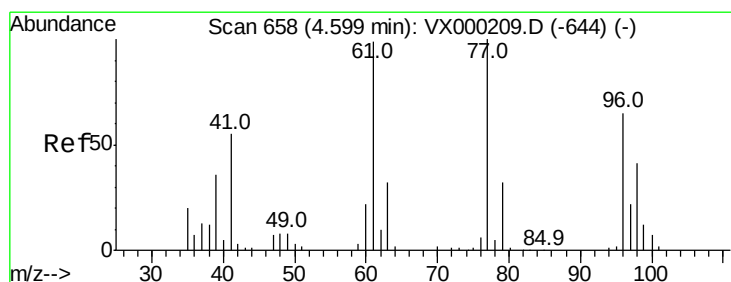
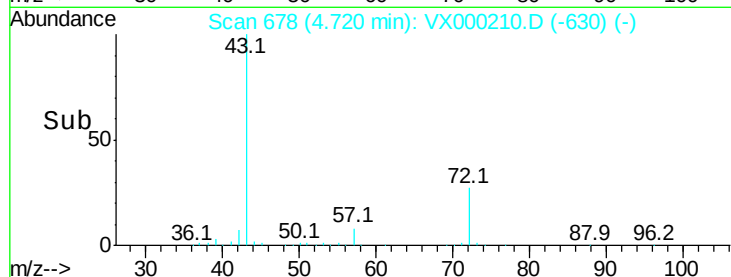
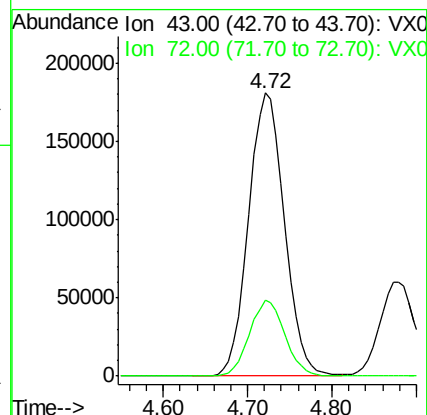
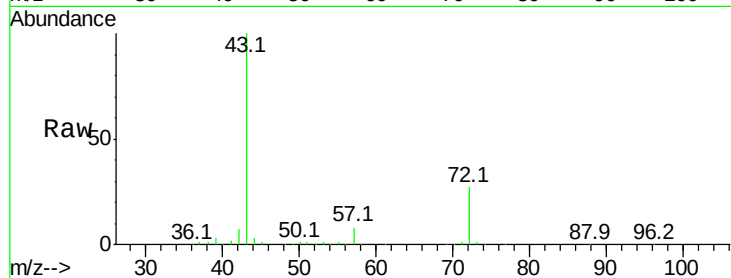
ClientSampleId :

Tot Ion: 43 Resp: 522289

Ion Ratio Lower Upper

43 100

72 26.6 20.2 30.2



#26

2,2-Dichloropropane

Concen: 55.116 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.01 min

Lab File: VX000210.D

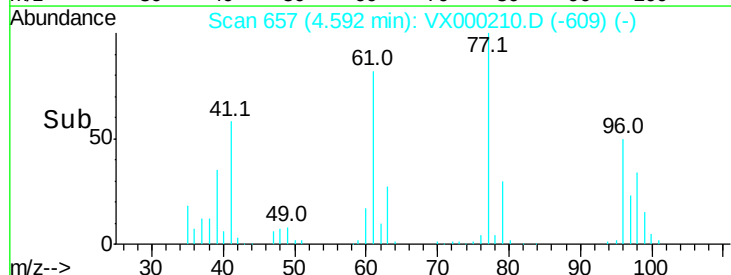
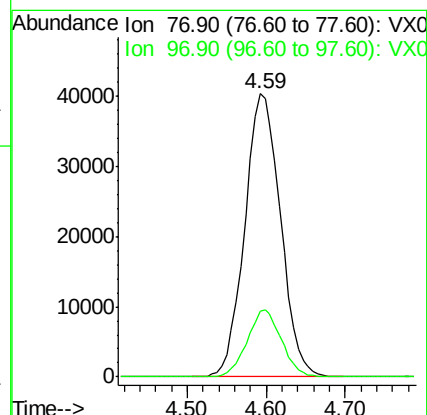
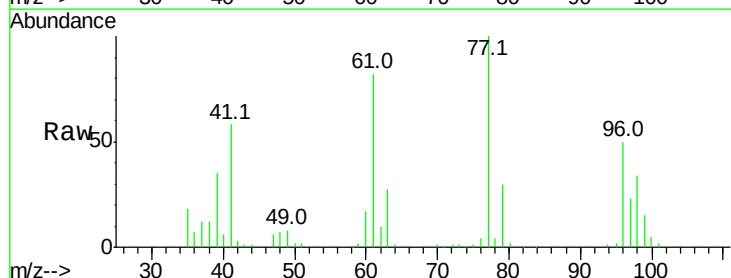
Acq: 07 Mar 2018 13:52

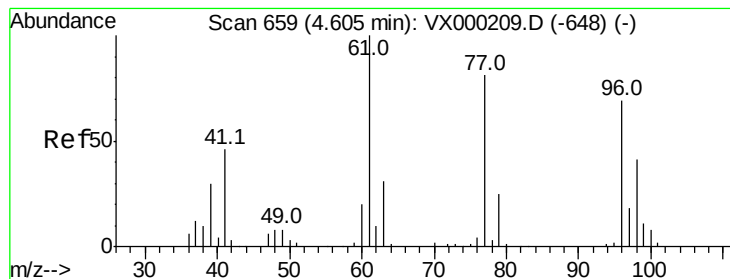
Tgt Ion: 77 Resp: 127317

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1



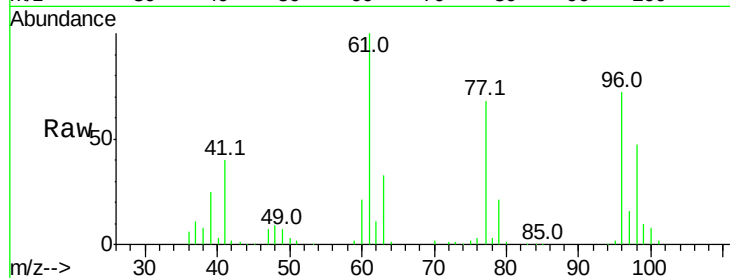


#27

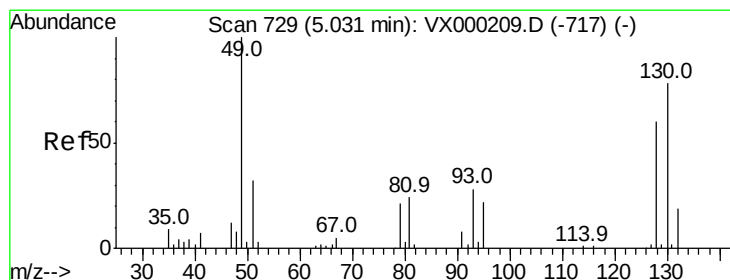
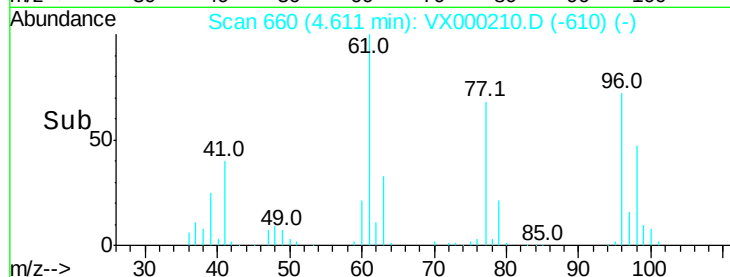
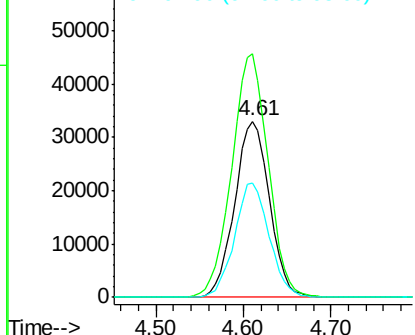
cis-1,2-Dichloroethene
 Concen: 57.443 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 96 Resp: 91309
 Ion Ratio Lower Upper
 96 100
 61 144.6 0.0 296.4
 98 64.5 0.0 130.6



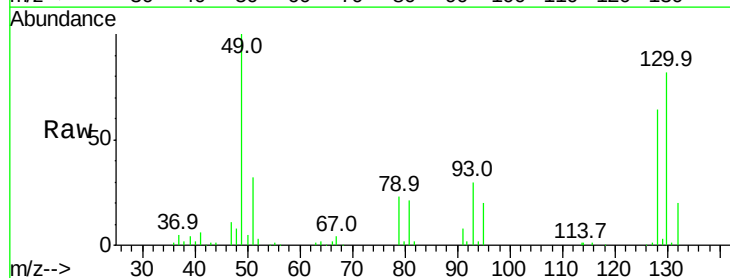
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



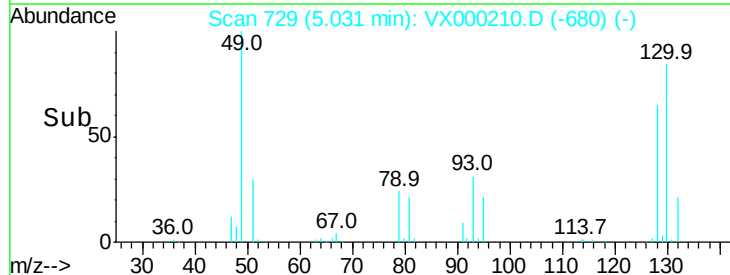
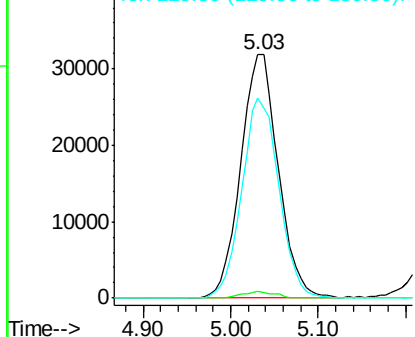
#28

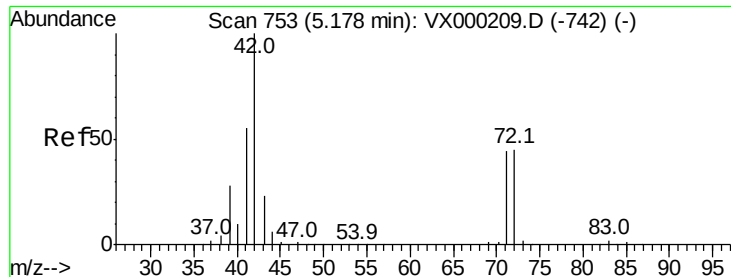
Bromochloromethane
 Concen: 78.012 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Tgt Ion: 49 Resp: 94995
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.0
 130 81.3 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

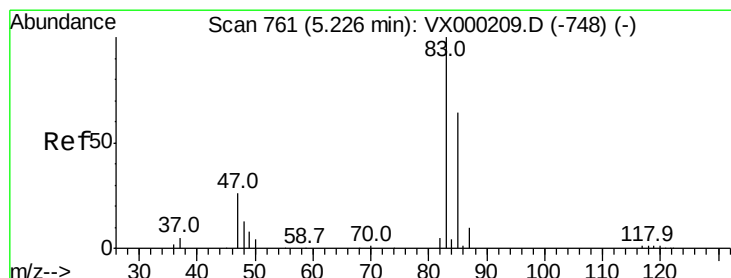
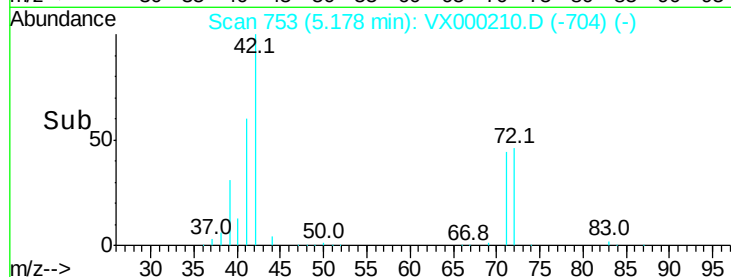
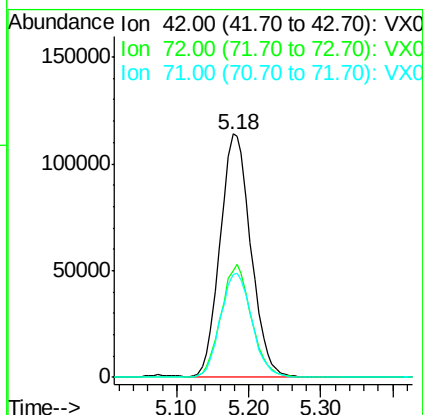
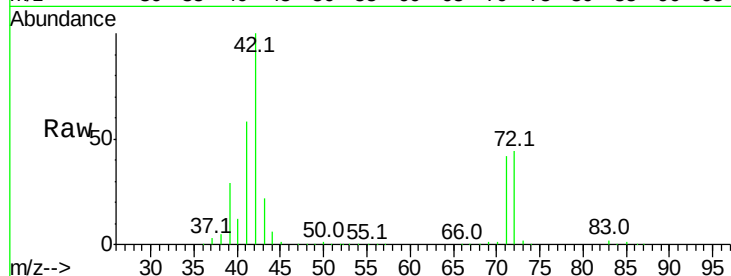




#29
Tetrahydrofuran
Concen: 309.882 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

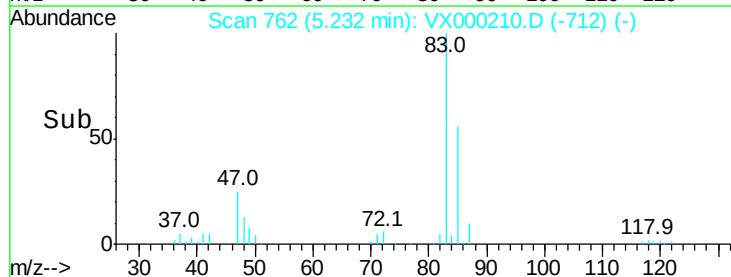
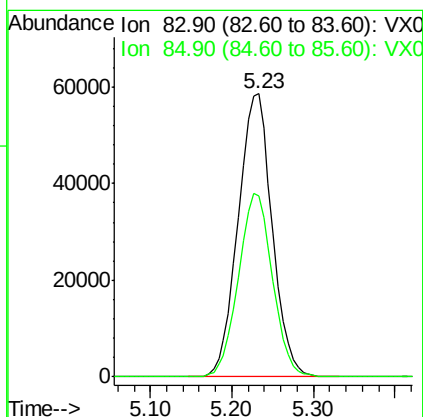
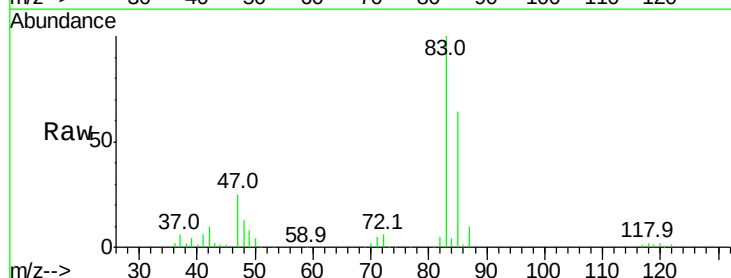
Instrument :
MSVOA_X
ClientSampled :

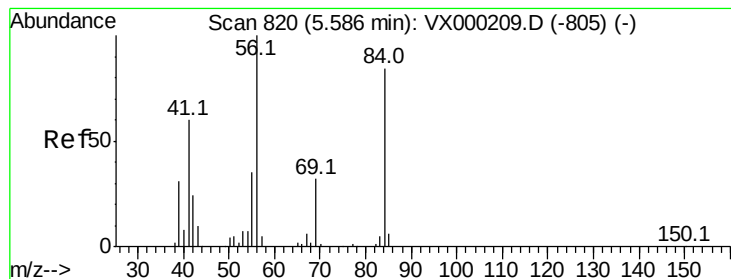
Tot Ion: 42 Resp: 339149
Ion Ratio Lower Upper
42 100
72 45.8 37.3 55.9
71 43.4 35.0 52.4



#30
Chloroform
Concen: 59.752 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion: 83 Resp: 169234
Ion Ratio Lower Upper
83 100
85 64.0 51.0 76.6





#31

Cyclohexane

Concen: 56.855 ug/l

RT: 5.59 min Scan# 821

Delta R.T. 0.01 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampled :

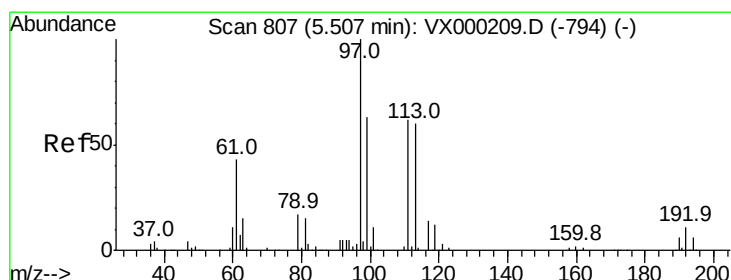
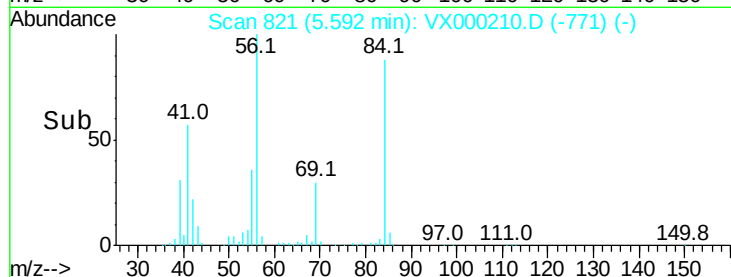
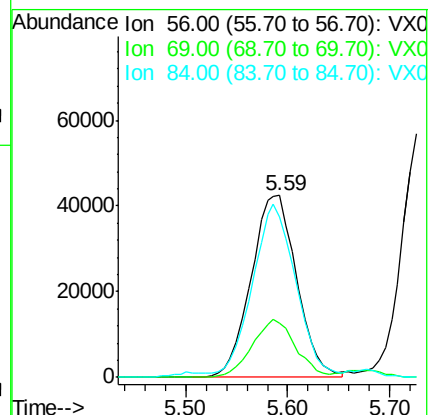
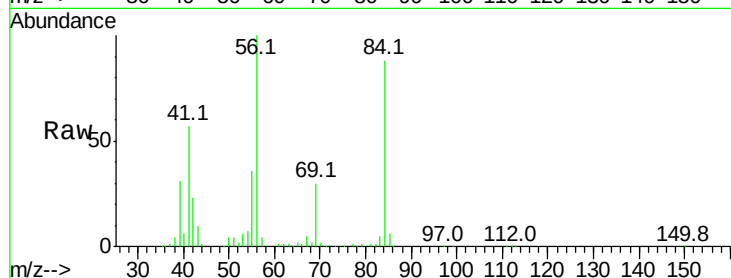
Tot Ion: 56 Resp: 131854

Ion Ratio Lower Upper

56 100

69 29.5 25.3 37.9

84 85.5 67.2 100.8



#32

1,1,1-Trichloroethane

Concen: 58.707 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

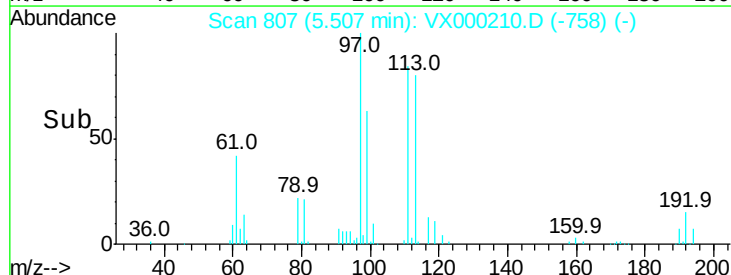
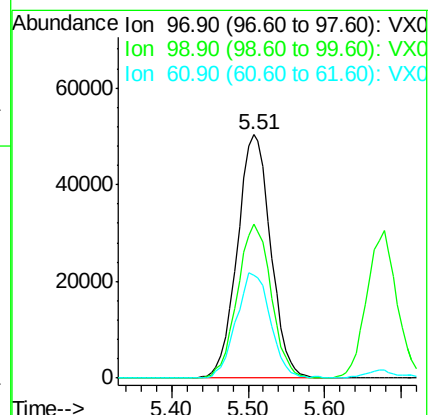
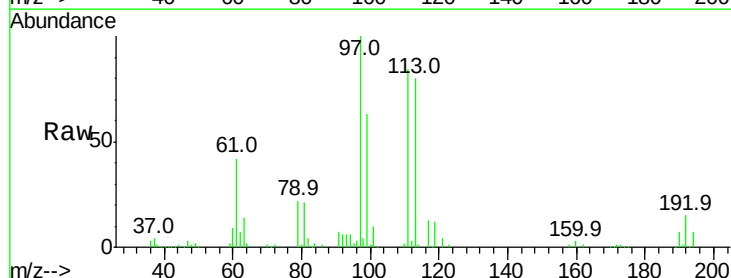
Tgt Ion: 97 Resp: 152357

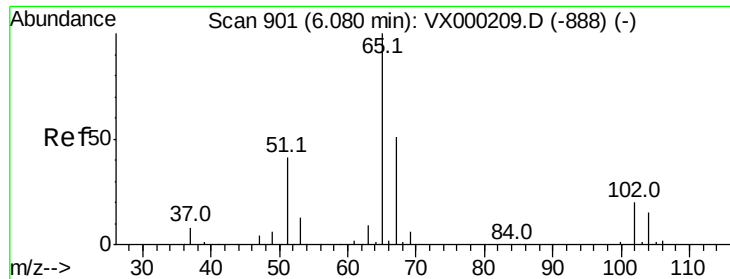
Ion Ratio Lower Upper

97 100

99 64.1 50.9 76.3

61 44.2 35.4 53.0

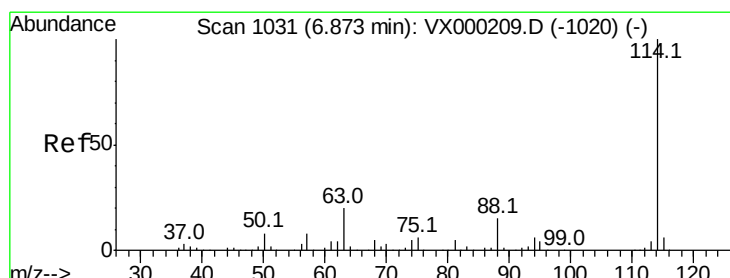
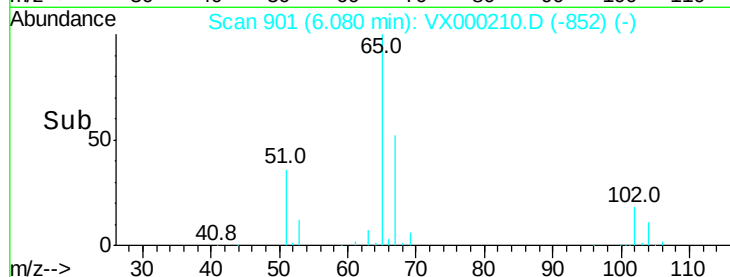
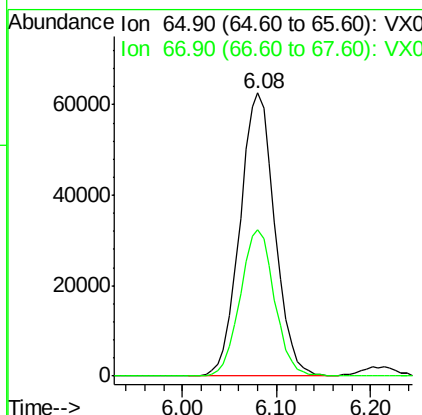
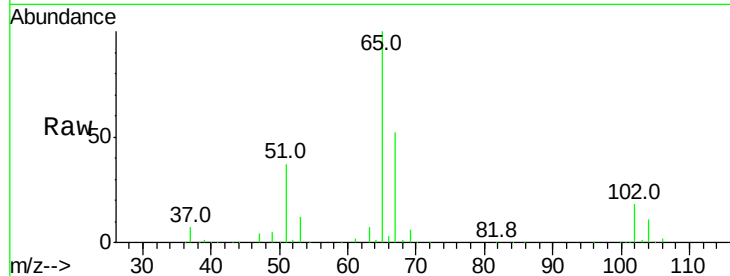




#33
 1,2-Dichloroethane-d4
 Concen: 86.022 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

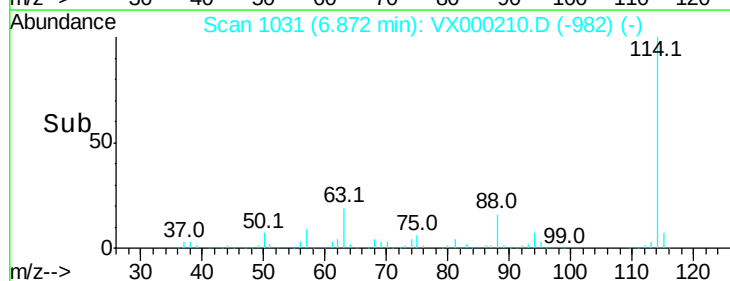
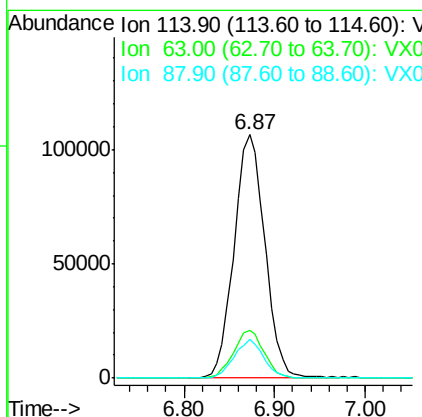
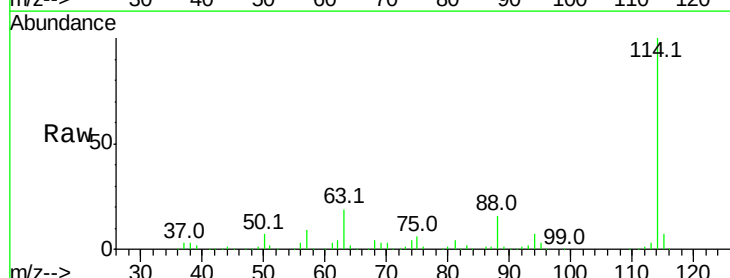
Instrument :
 MSVOA_X
 ClientSampleId :

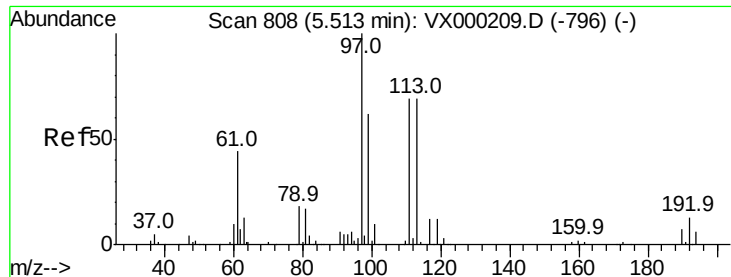
Tot Ion: 65 Resp: 161605
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Tgt Ion:114 Resp: 251556
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.7 0.0 29.8

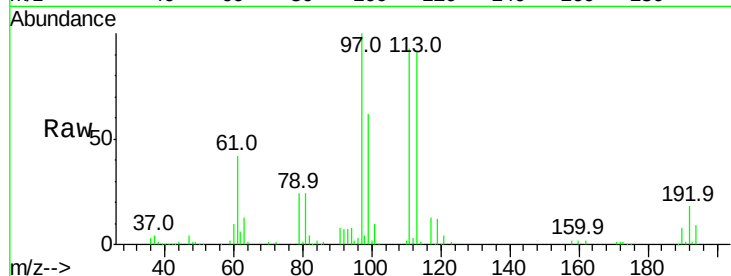




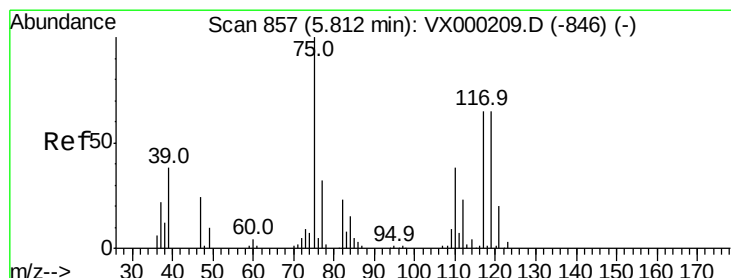
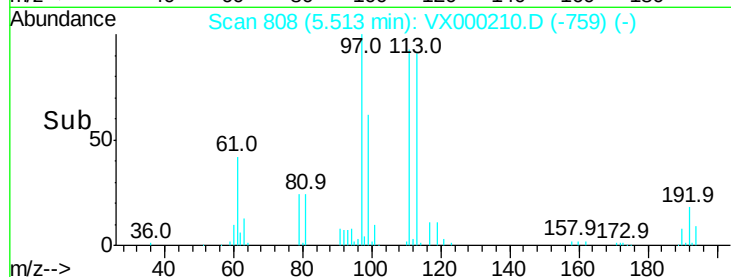
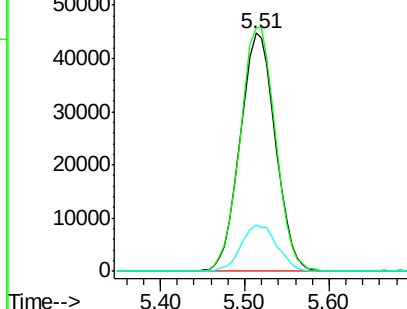
#35
 Dibromofluoromethane
 Concen: 79.835 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 127193
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.0 124.6
 192 19.7 15.5 23.3

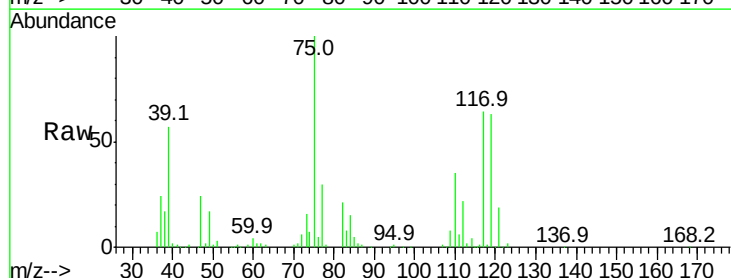


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

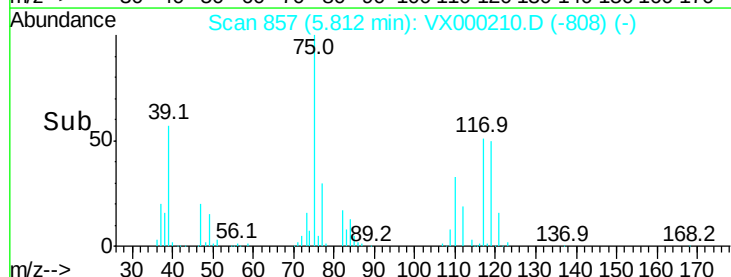
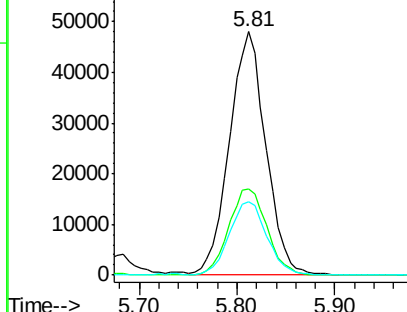


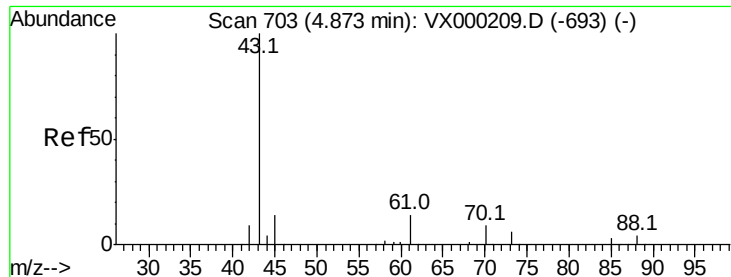
#36
 1,1-Dichloropropene
 Concen: 54.548 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Tgt Ion: 75 Resp: 123396
 Ion Ratio Lower Upper
 75 100
 110 37.4 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

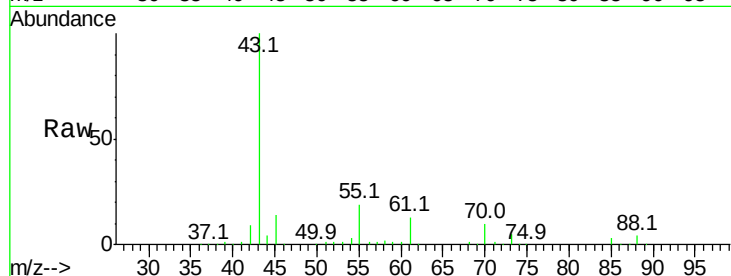




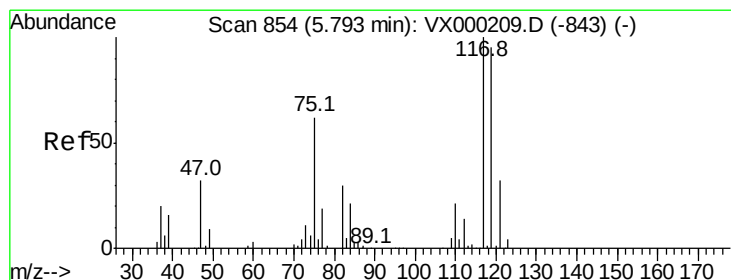
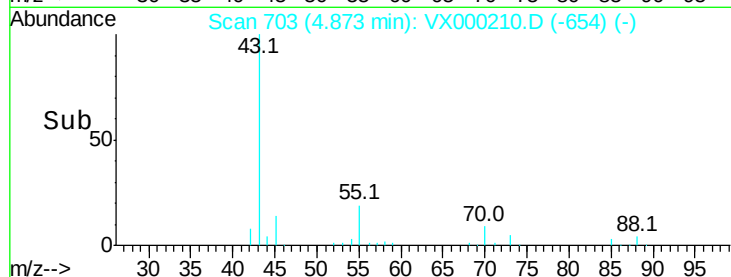
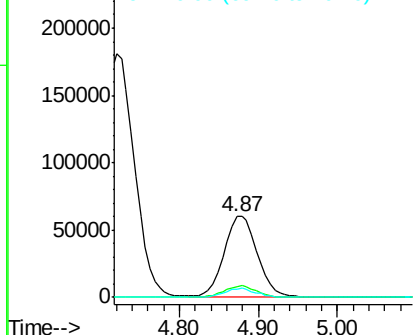
#37
Ethyl Acetate
Concen: 56.808 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 177268
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.6
70 10.1 7.8 11.6

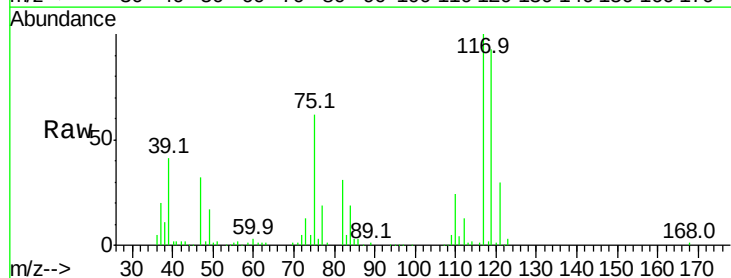


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

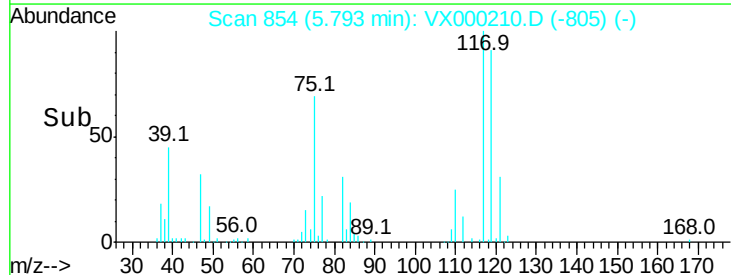
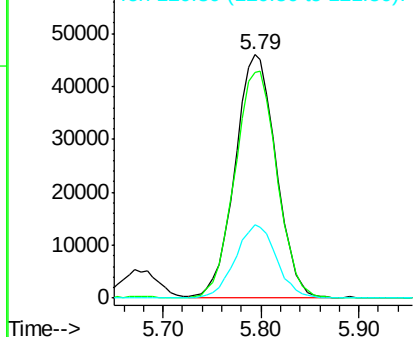


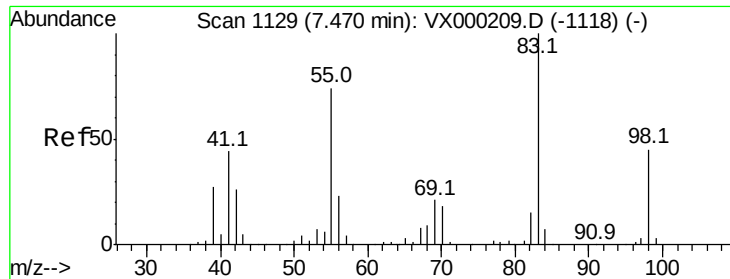
#38
Carbon Tetrachloride
Concen: 55.539 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion: 117 Resp: 134213
Ion Ratio Lower Upper
117 100
119 92.4 75.9 113.9
121 30.3 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

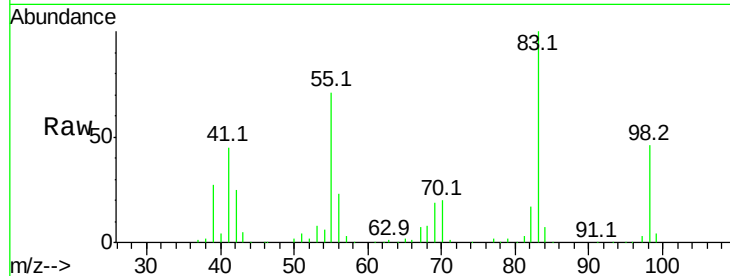




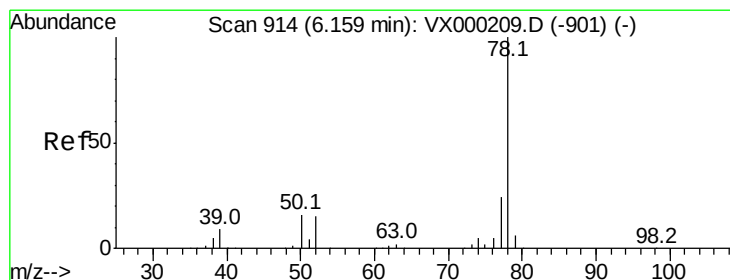
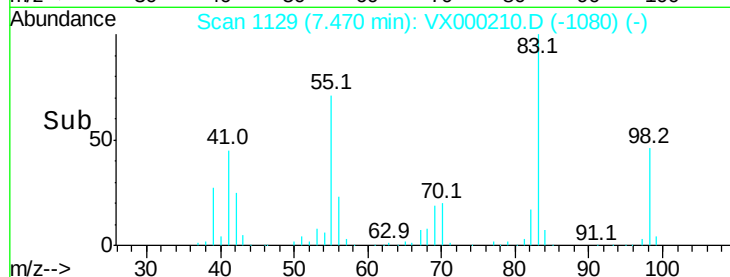
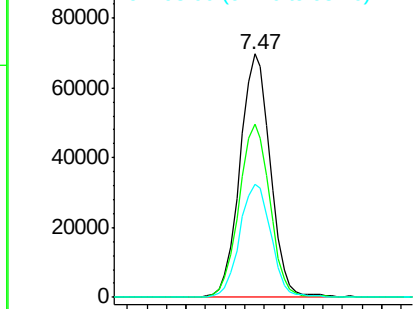
#39
Methylvlcyclohexane
Concen: 55.179 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 150682
Ion Ratio Lower Upper
83 100
55 71.1 59.4 89.0
98 46.3 36.3 54.5

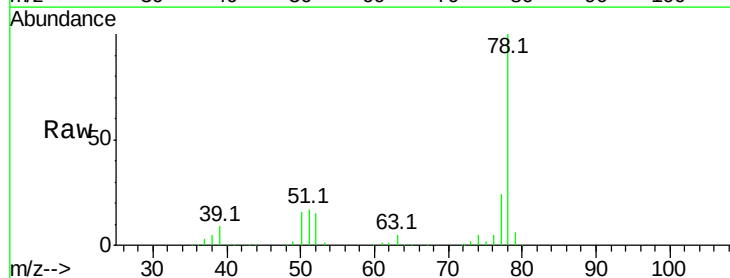


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

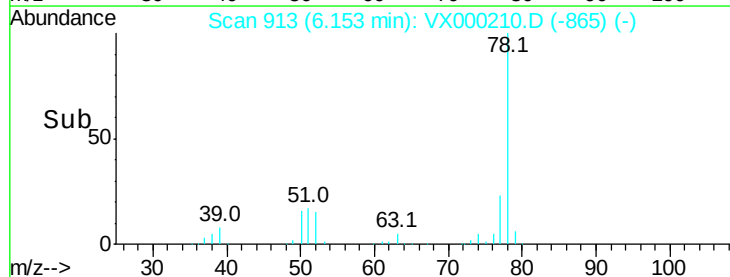
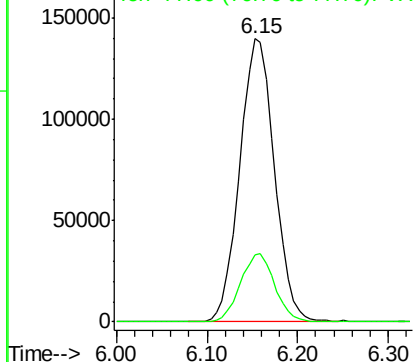


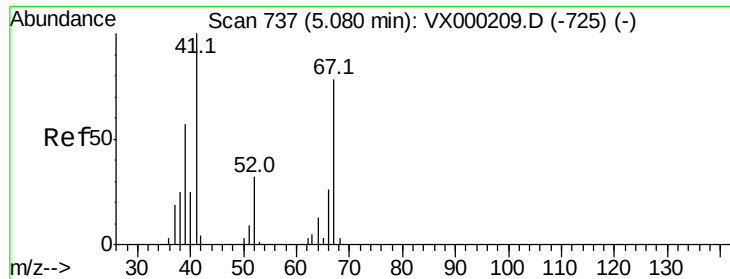
#40
Benzene
Concen: 57.103 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.01 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion: 78 Resp: 369722
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.2



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

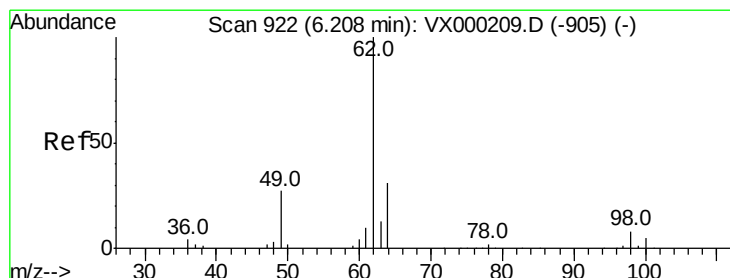
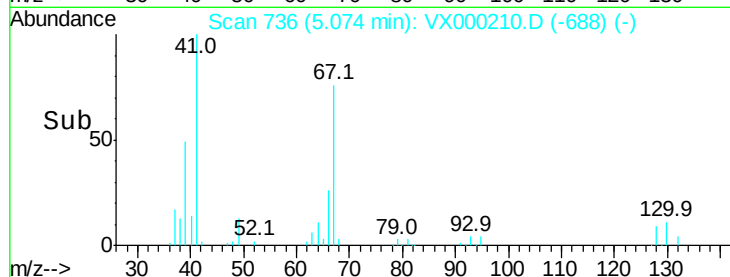
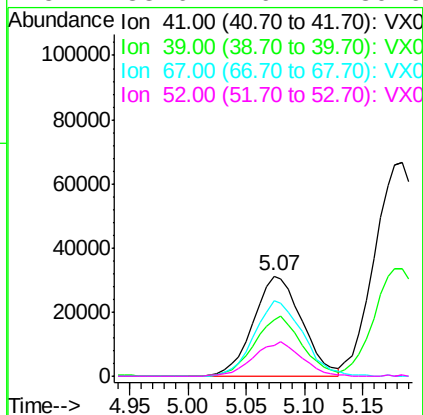
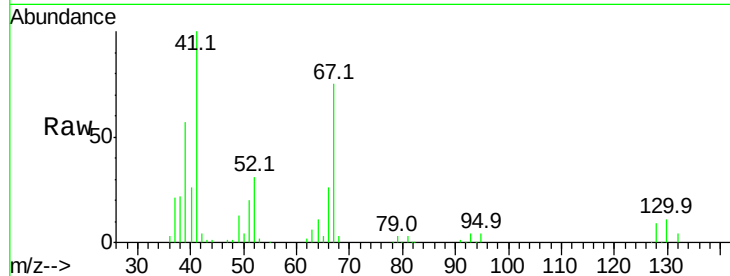




#41
Methacrylonitrile
Concen: 55.735 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

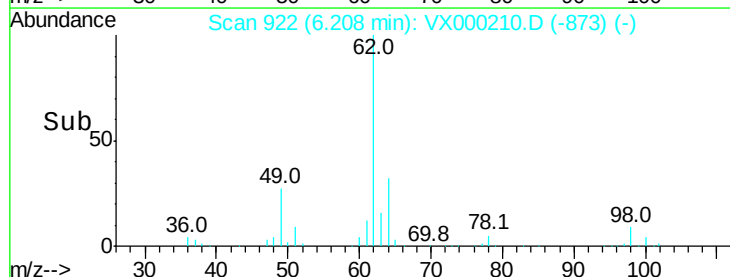
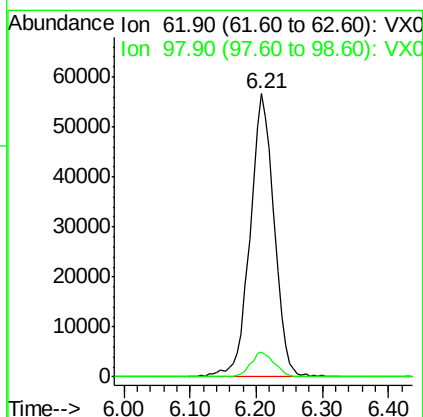
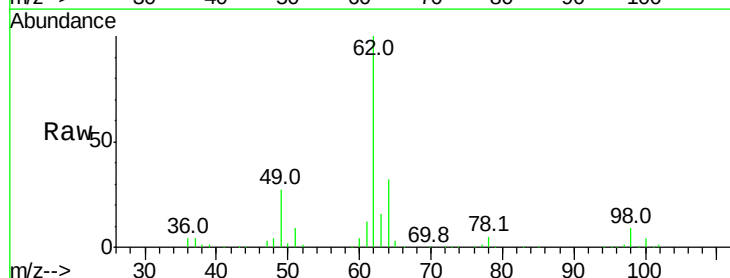
Instrument :
MSVOA_X
ClientSampled :

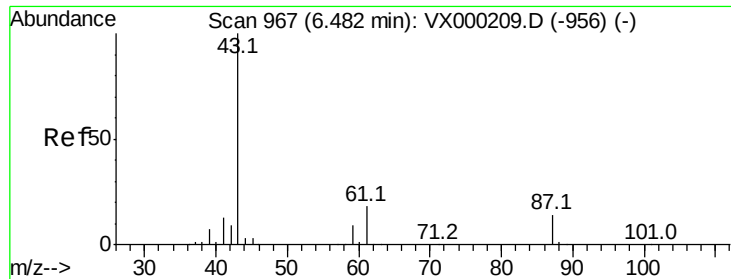
Tot Ion:	41	Resp:	90859
Ion	Ratio	Lower	Upper
41	100		
39	58.1	47.8	71.6
67	74.9	59.3	88.9
52	33.6	26.4	39.6



#42
1,2-Dichloroethane
Concen: 59.975 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion:	62	Resp:	143862
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.2





#43

Isopropyl Acetate

Concen: 58.928 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

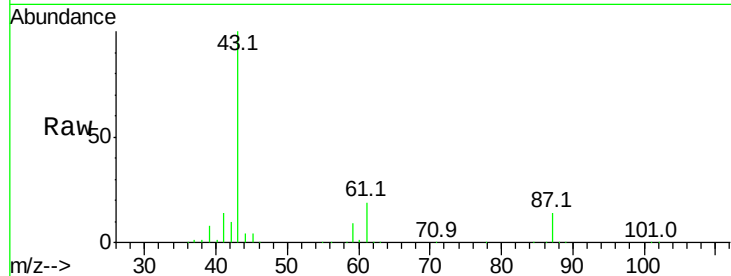
Tot Ion: 43 Resp: 266241

Ion Ratio Lower Upper

43 100

61 18.3 14.8 22.2

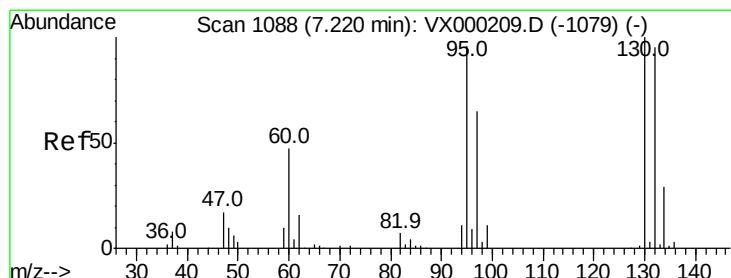
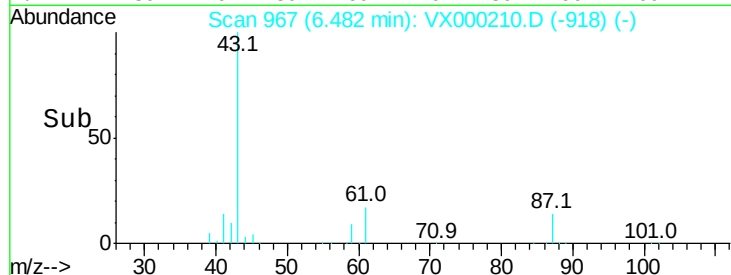
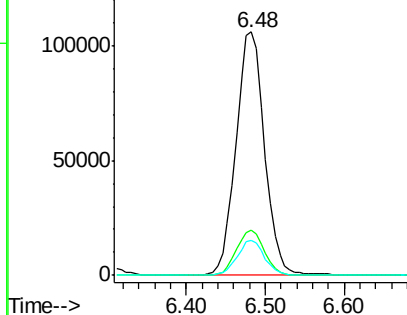
87 13.7 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 55.662 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.01 min

Lab File: VX000210.D

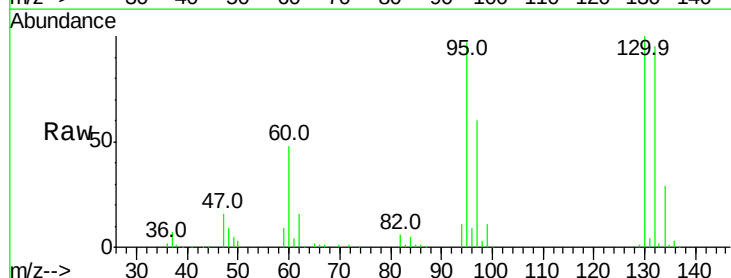
Acq: 07 Mar 2018 13:52

Tgt Ion:130 Resp: 105558

Ion Ratio Lower Upper

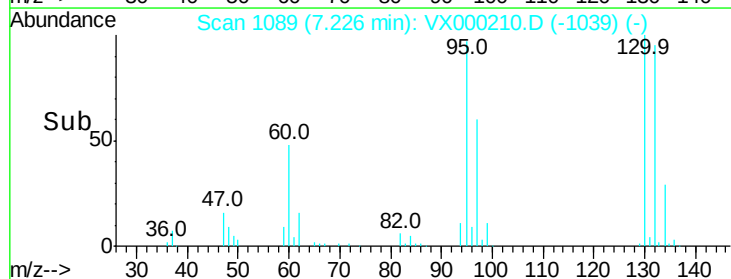
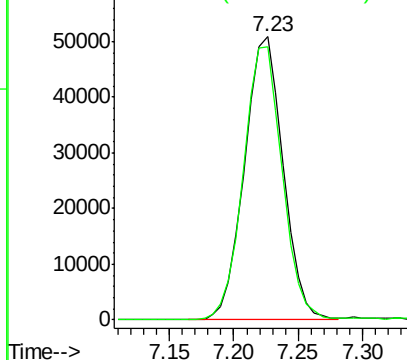
130 100

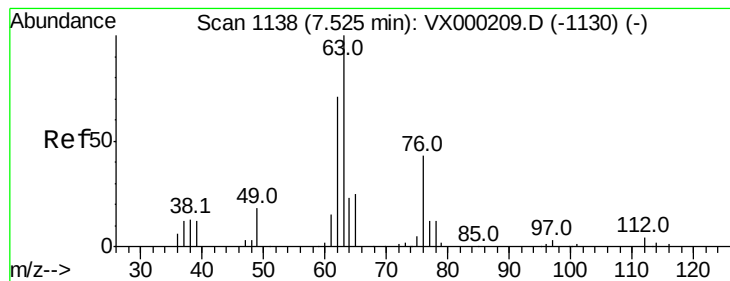
95 96.6 0.0 191.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 59.592 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

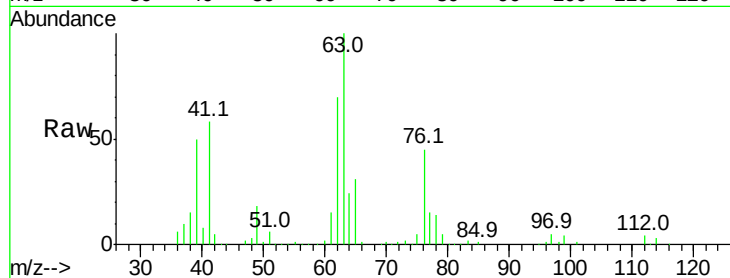
ClientSampled :

Tot Ion: 63 Resp: 94986

Ion Ratio Lower Upper

63 100

65 30.7 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

50000

40000

30000

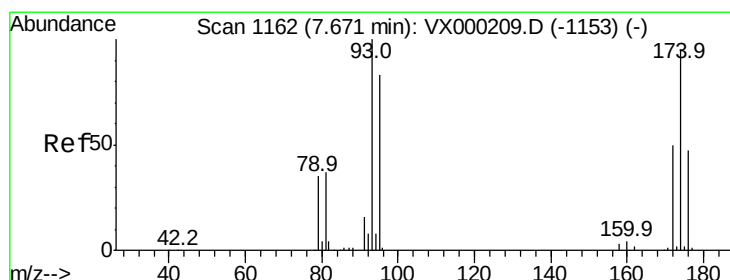
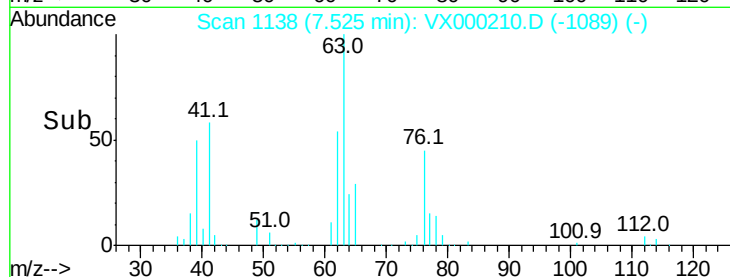
20000

10000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 59.620 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

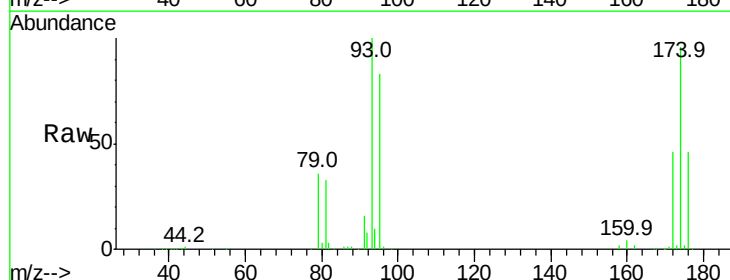
Tgt Ion: 93 Resp: 74196

Ion Ratio Lower Upper

93 100

95 81.5 64.1 96.1

174 96.0 75.8 113.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.67

50000

40000

30000

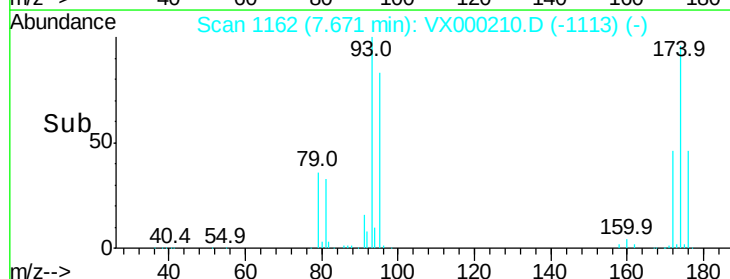
20000

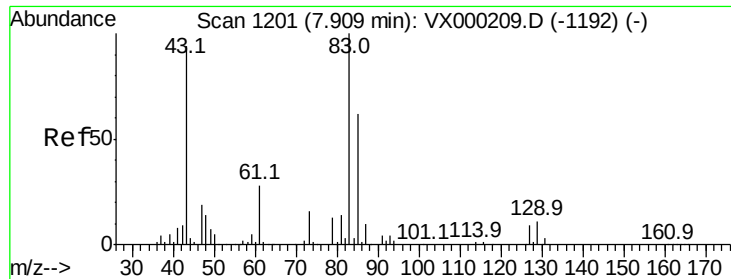
10000

0

Time-->

7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 60.048 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

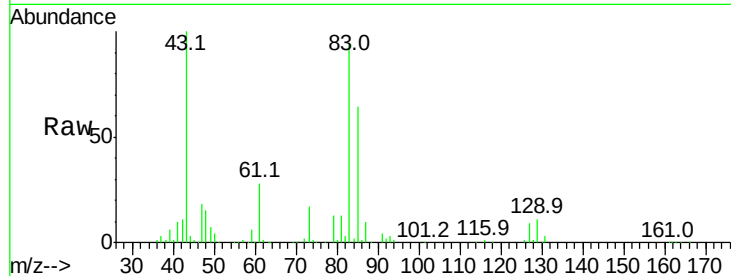
Tot Ion: 83 Resp: 137718

Ion Ratio Lower Upper

83 100

85 67.7 49.6 74.4

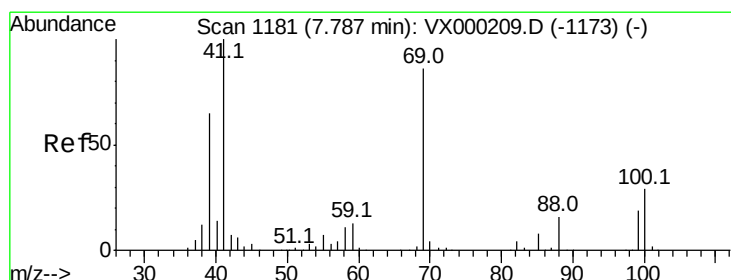
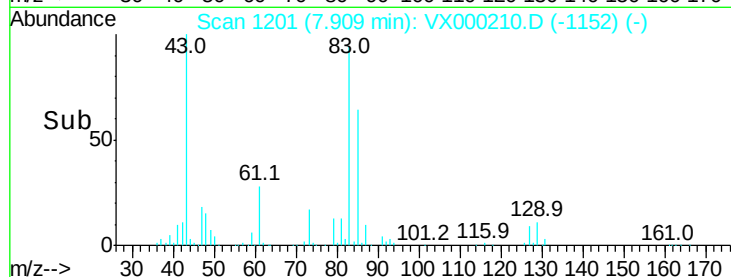
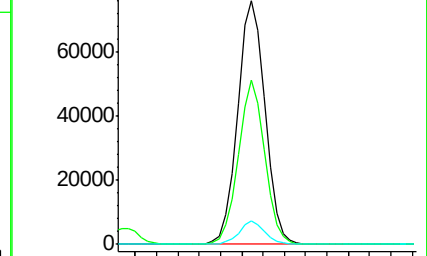
127 9.5 7.0 10.4



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: 59.171 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

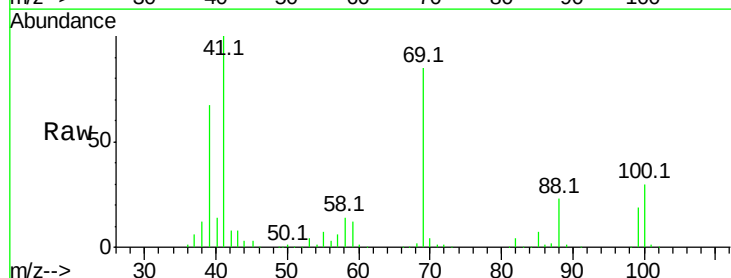
Tgt Ion: 41 Resp: 130698

Ion Ratio Lower Upper

41 100

69 84.7 70.0 105.0

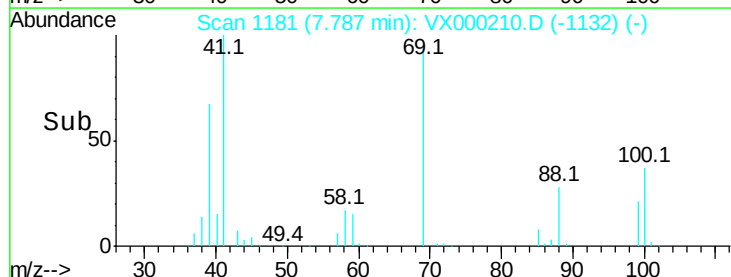
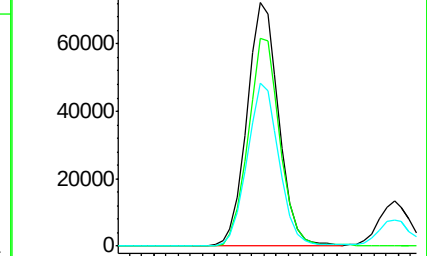
39 66.4 53.6 80.4

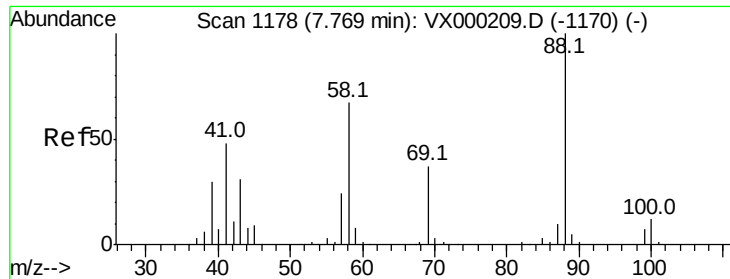


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

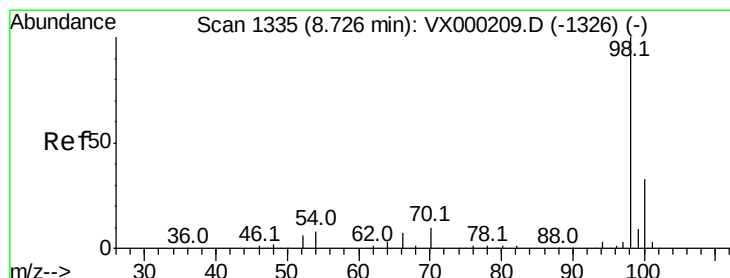
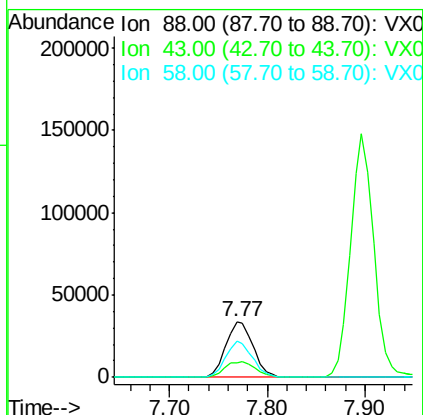
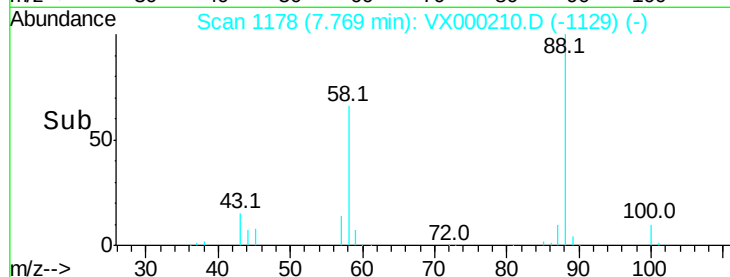
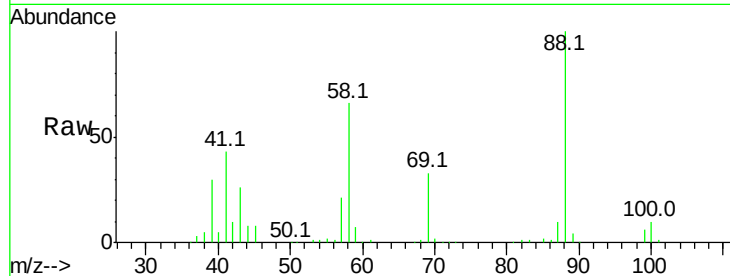




#49
1,4-Dioxane
Concen: 1154.803 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

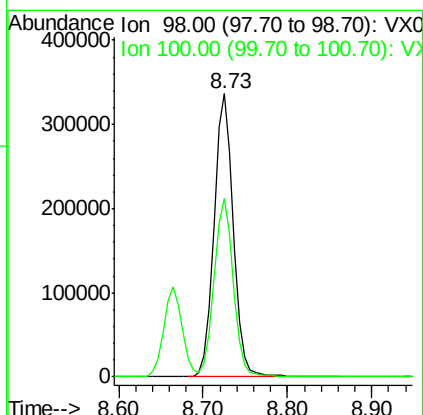
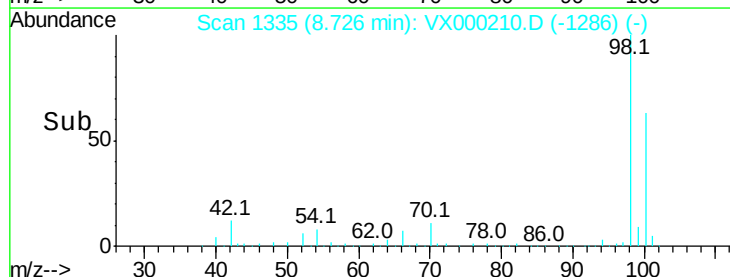
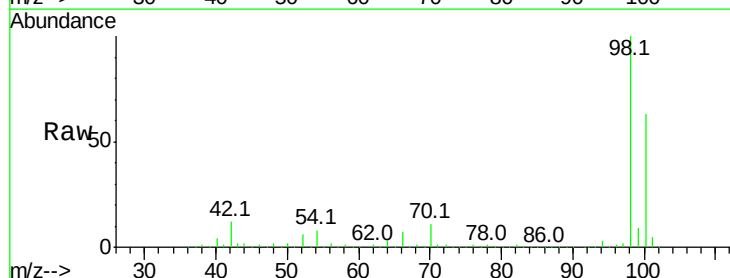
Instrument :
MSVOA_X
ClientSampled :

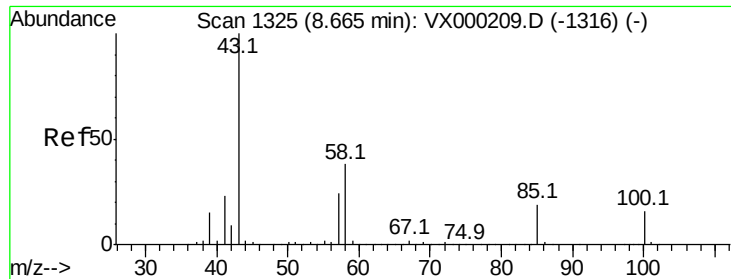
Tot Ion: 88 Resp: 65555
Ion Ratio Lower Upper
88 100
43 32.4 26.9 40.3
58 63.7 52.2 78.4



#50
Toluene-d8
Concen: 83.388 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion: 98 Resp: 532770
Ion Ratio Lower Upper
98 100
100 62.7 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 313.994 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

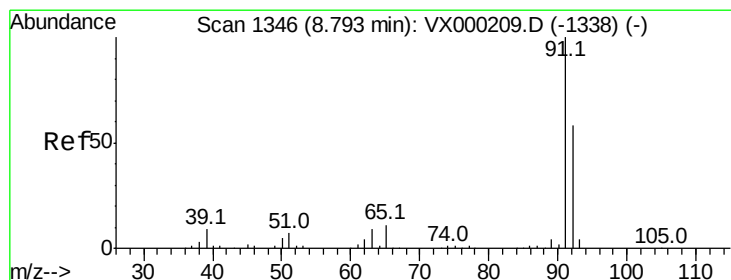
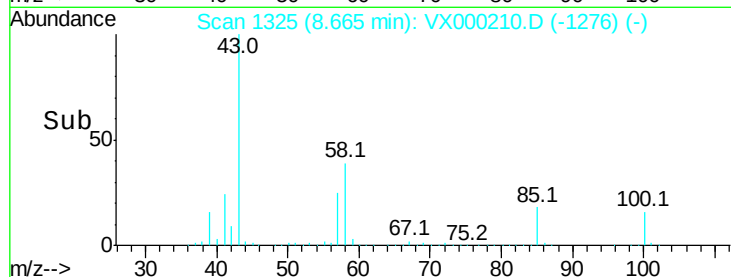
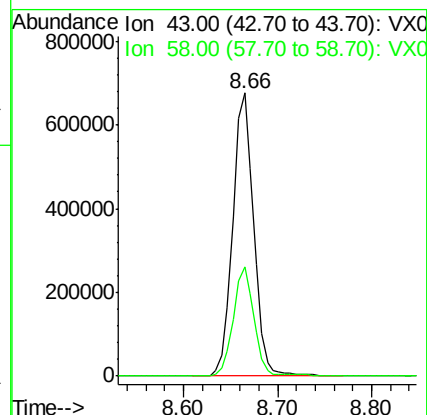
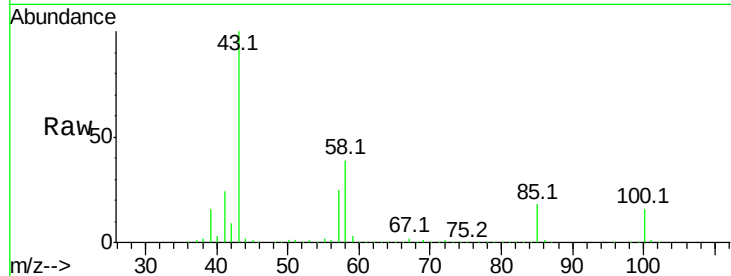
ClientSampleId :

Tot Ion: 43 Resp: 1046757

Ion Ratio Lower Upper

43 100

58 37.6 30.2 45.2



#52

Toluene

Concen: 59.238 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000210.D

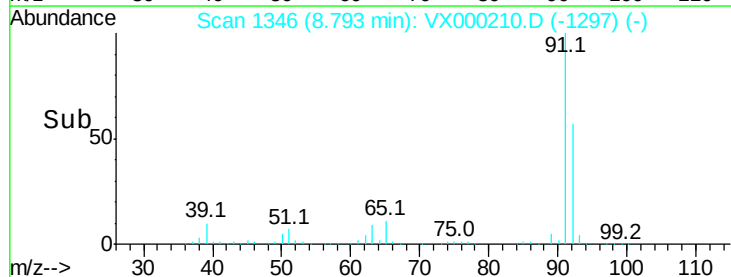
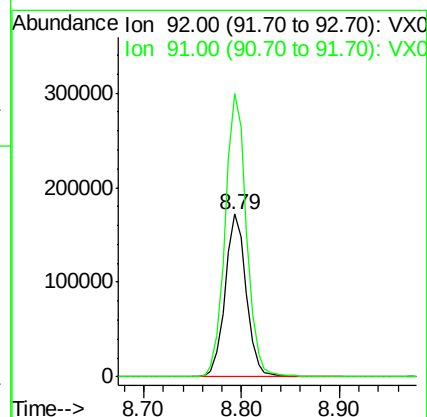
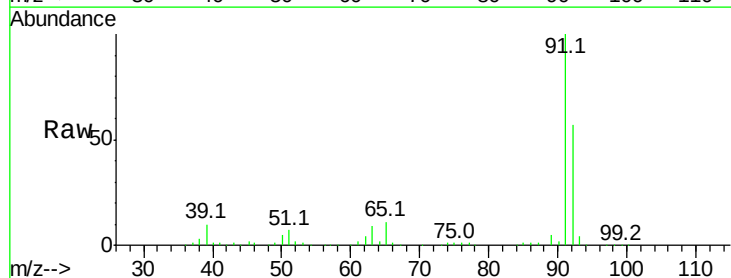
Acq: 07 Mar 2018 13:52

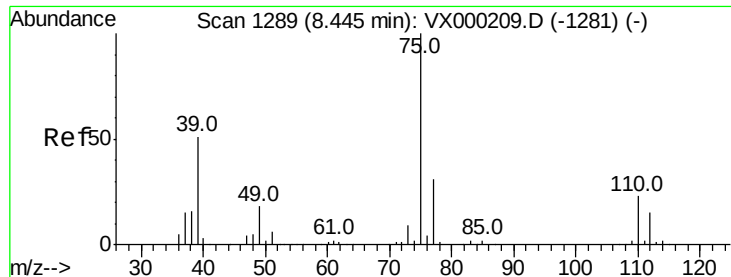
Tgt Ion: 92 Resp: 257991

Ion Ratio Lower Upper

92 100

91 175.6 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 60.527 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

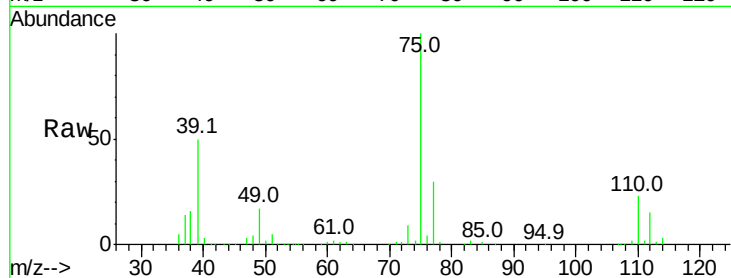
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 163139

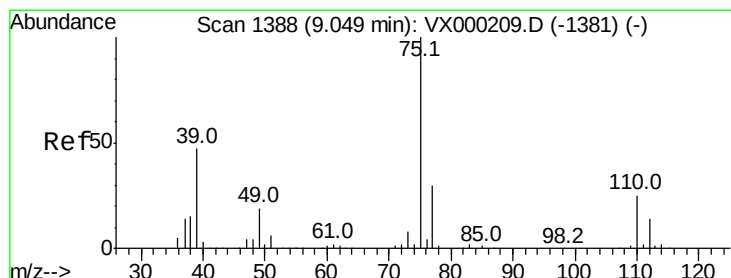
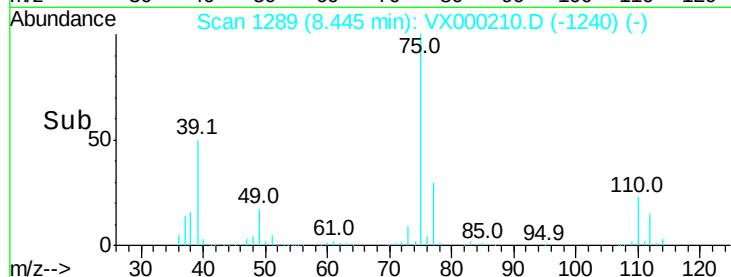
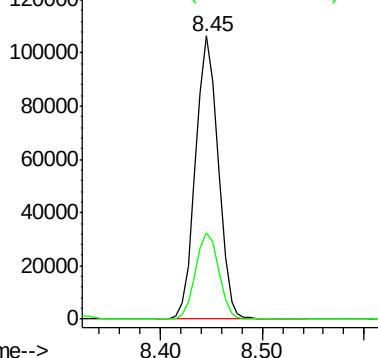
Ion Ratio Lower Upper

75 100

77 30.3 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 61.162 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

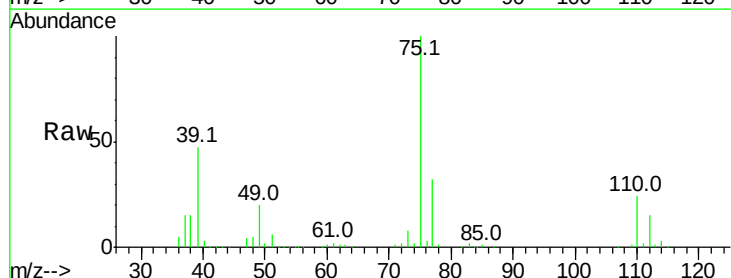
Tgt Ion: 75 Resp: 163623

Ion Ratio Lower Upper

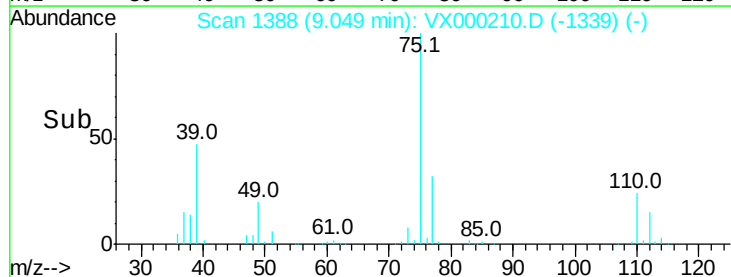
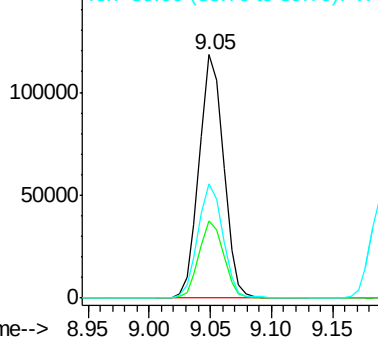
75 100

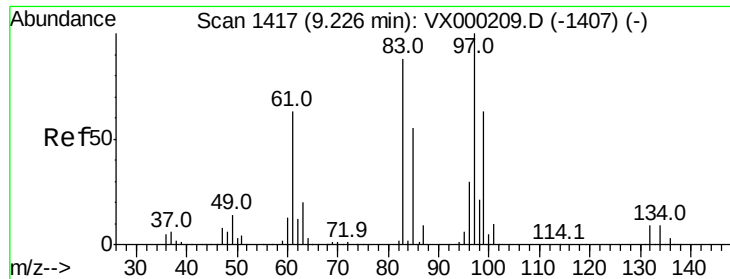
77 31.7 23.9 35.9

39 46.9 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 59.465 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 97 Resp: 106583

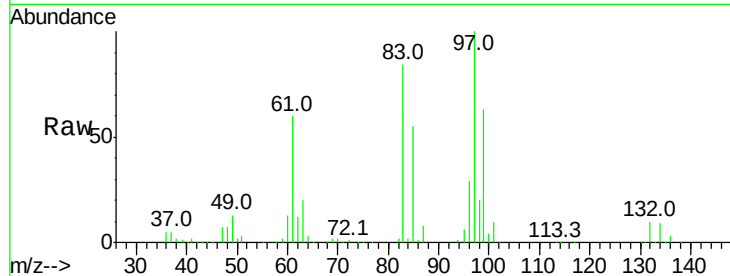
Ion Ratio Lower Upper

97 100

83 84.3 70.4 105.6

85 55.1 43.9 65.9

99 63.0 50.5 75.7

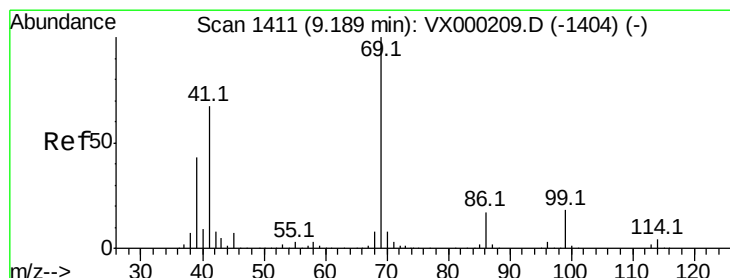
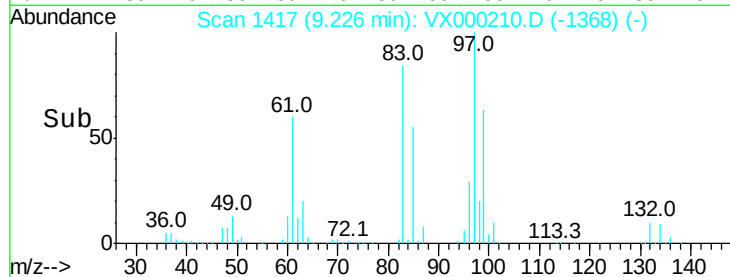
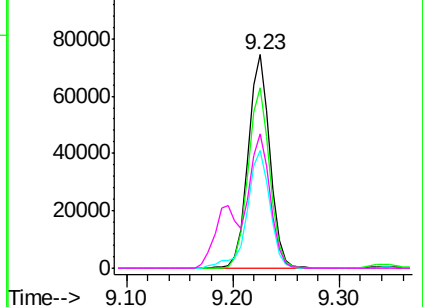


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 61.763 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

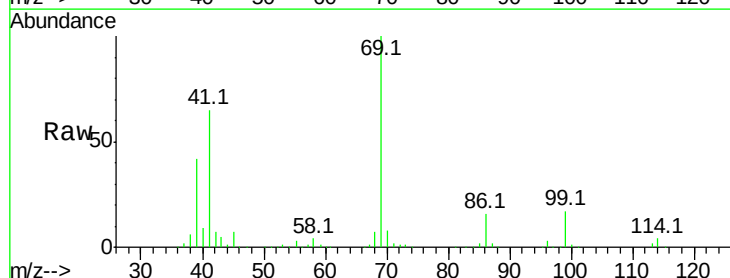
Tgt Ion: 69 Resp: 170218

Ion Ratio Lower Upper

69 100

41 64.2 52.2 78.2

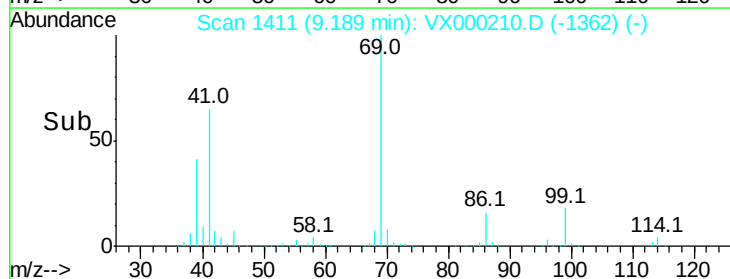
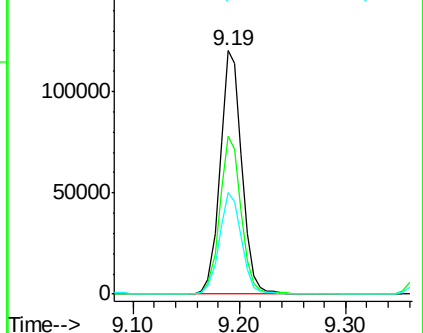
39 42.5 34.3 51.5

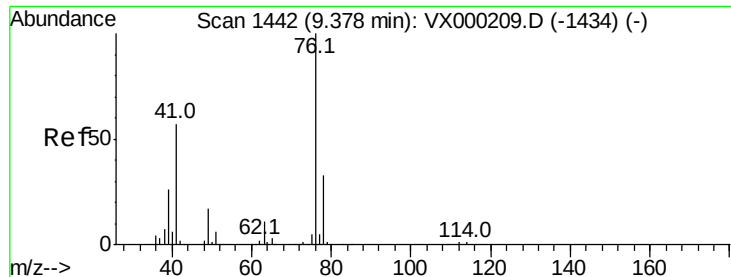


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

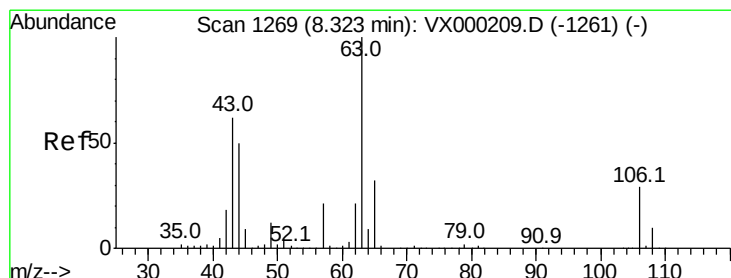
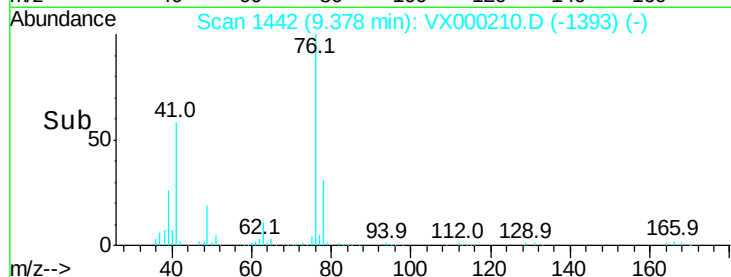
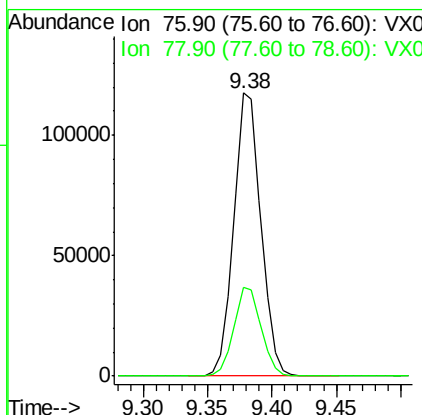
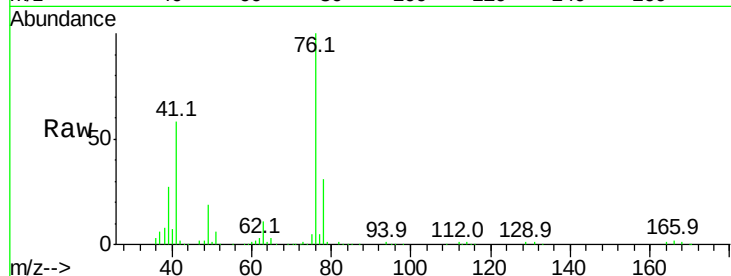




#57
 1,3-Dichloropropane
 Concen: 60.468 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

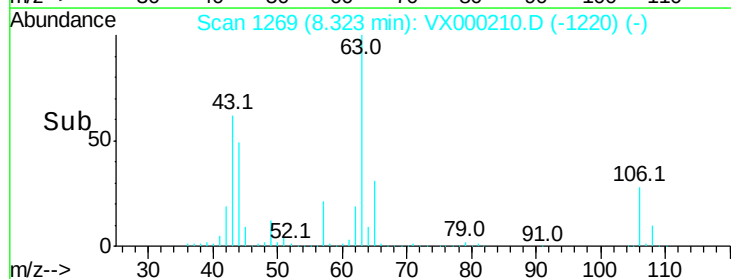
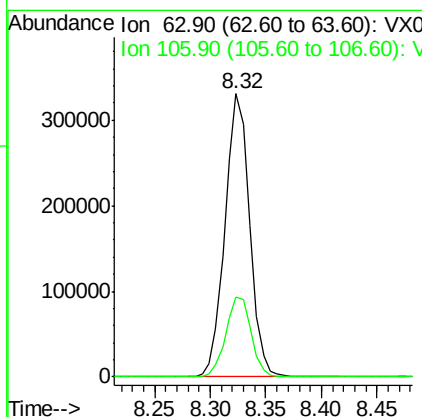
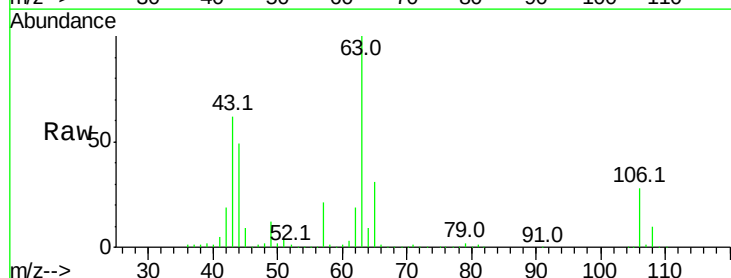
Instrument :
 MSVOA_X
 ClientSampled :

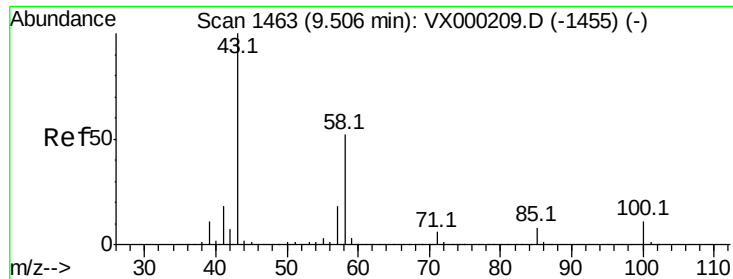
Tot Ion: 76 Resp: 172569
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 363.686 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Tgt Ion: 63 Resp: 505749
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.2 34.8

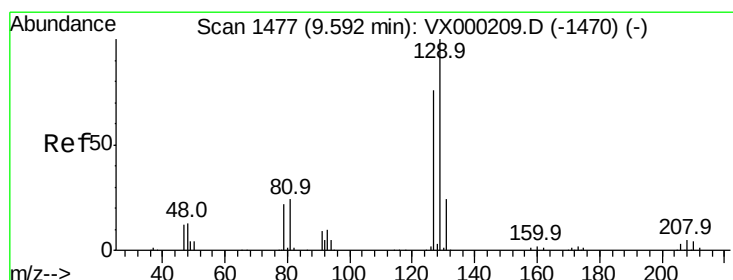
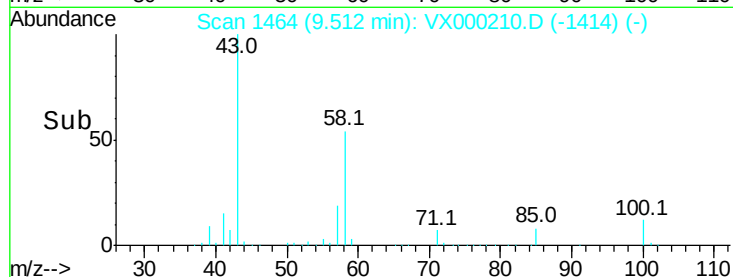
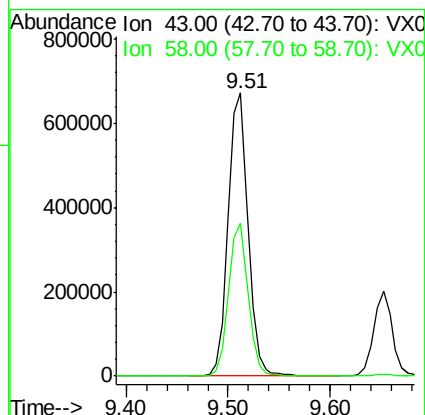
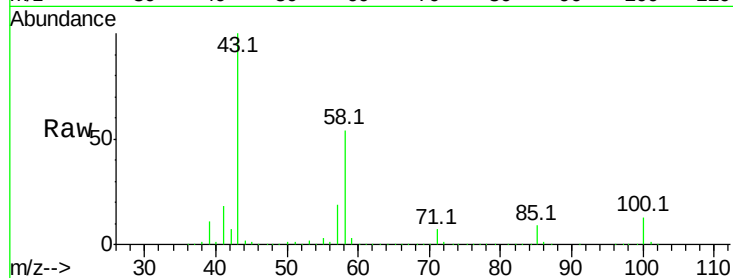




#59
2-Hexanone
Concen: 319.694 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

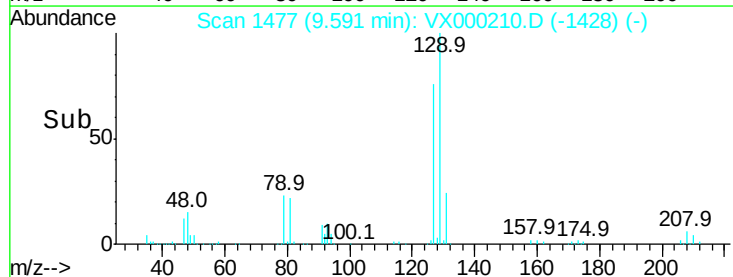
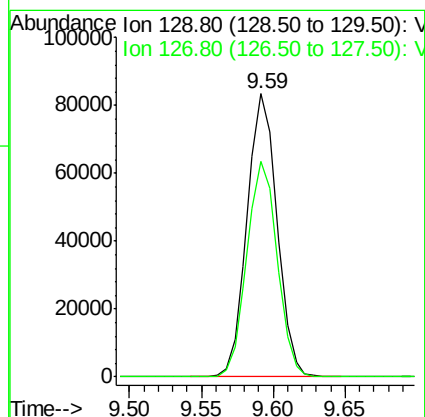
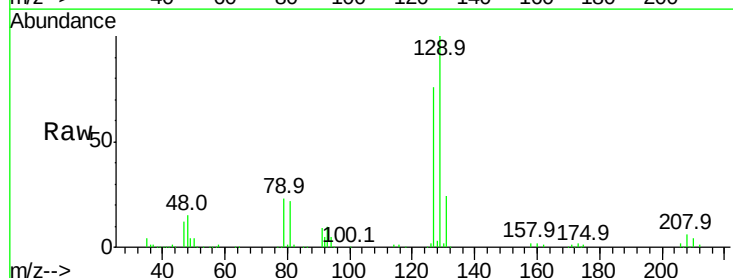
Instrument :
MSVOA_X
ClientSampleId :

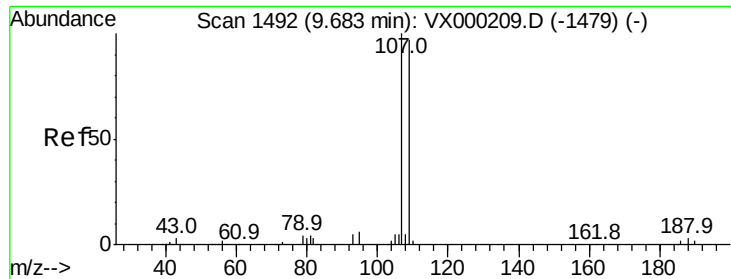
Tot Ion: 43 Resp: 904084
Ion Ratio Lower Upper
43 100
58 53.5 26.6 79.7



#60
Dibromochloromethane
Concen: 59.765 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion: 129 Resp: 120213
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2

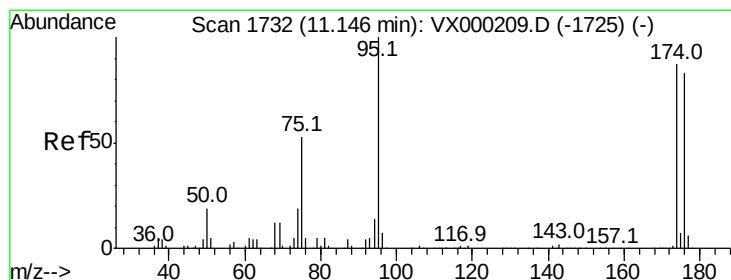
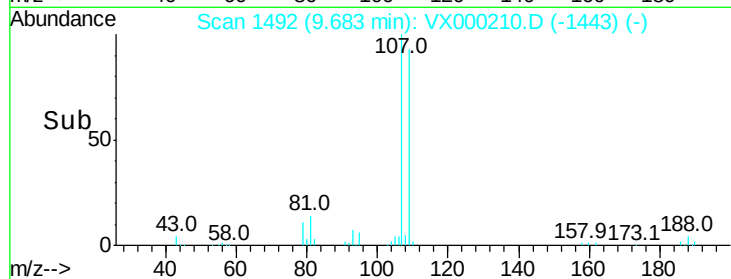
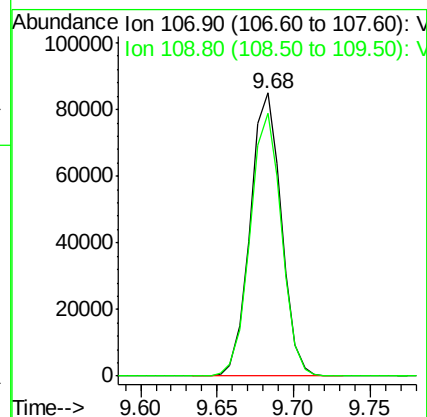
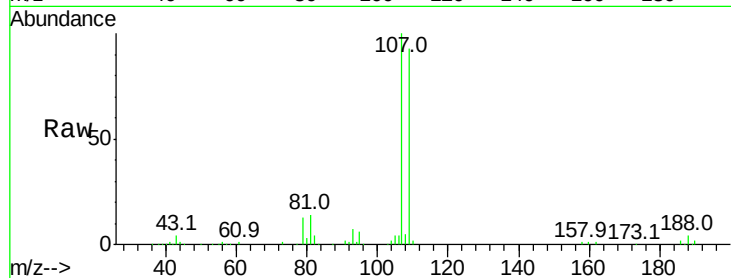




#61
 1,2-Dibromoethane
 Concen: 59.890 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

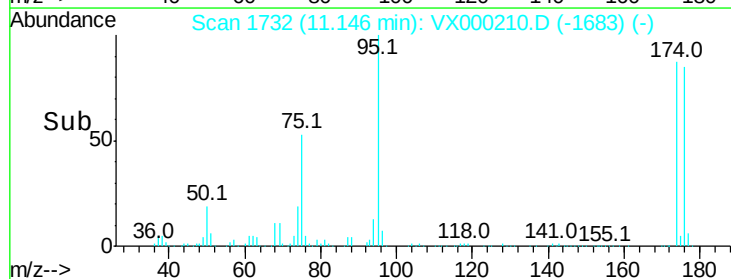
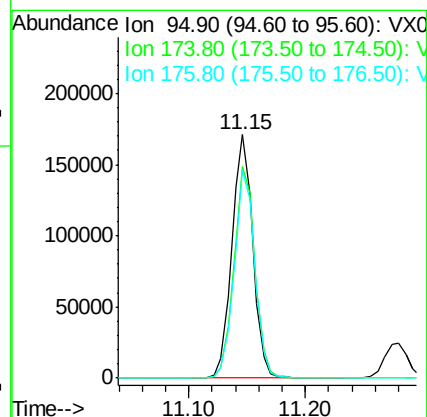
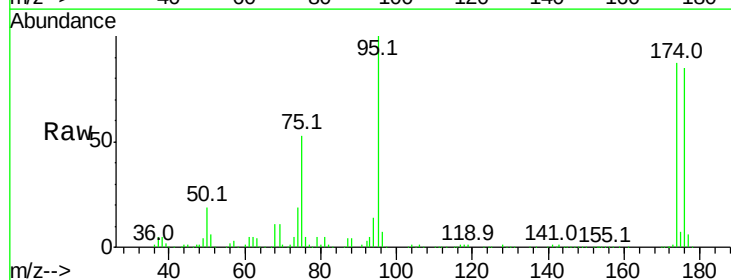
Instrument :
 MSVOA_X
 ClientSampleId :

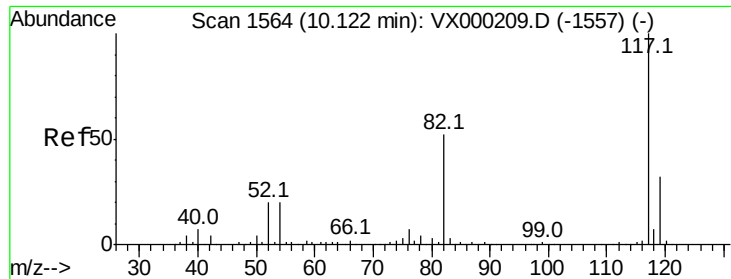
Tot Ion:107 Resp: 119397
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 85.125 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Tgt Ion: 95 Resp: 212570
 Ion Ratio Lower Upper
 95 100
 174 87.7 0.0 175.6
 176 84.9 0.0 171.0

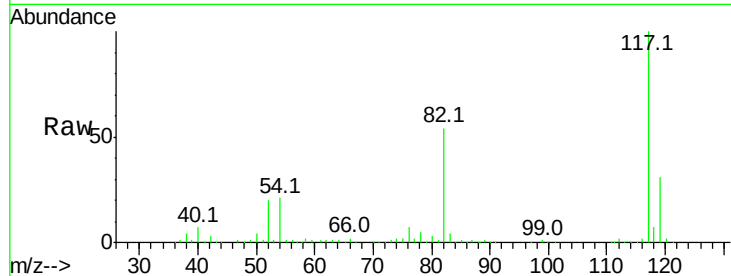




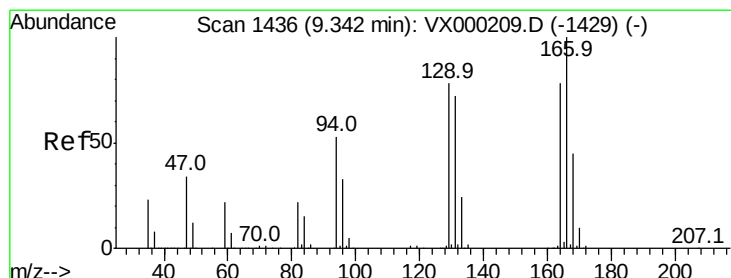
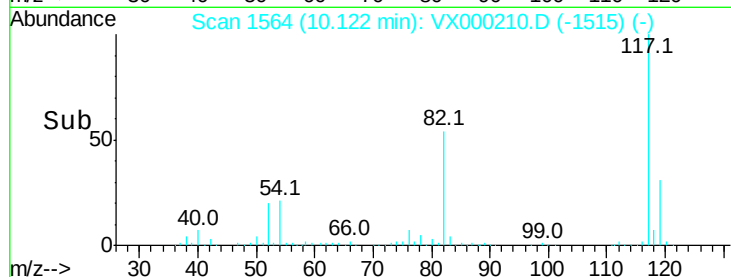
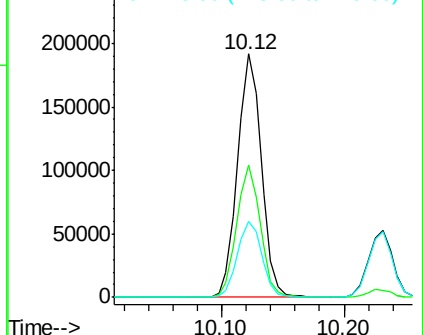
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 257978
Ion Ratio Lower Upper
117 100
82 54.1 42.0 63.0
119 31.4 25.3 37.9

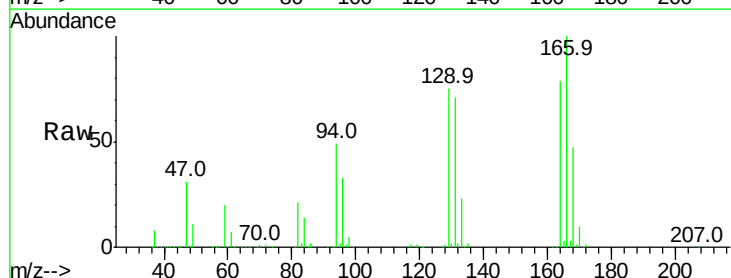


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

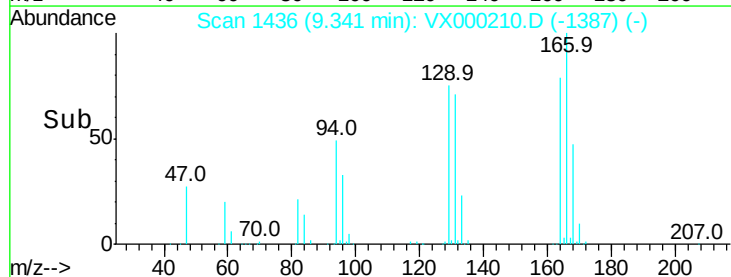
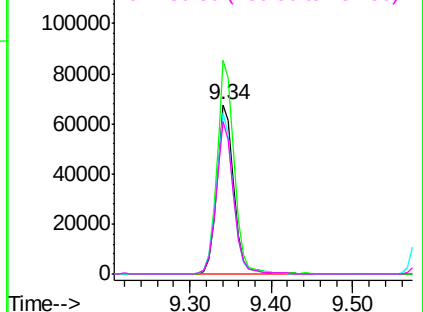


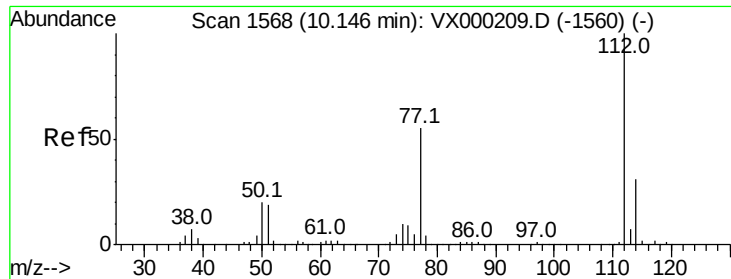
#64
Tetrachloroethene
Concen: 53.852 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion:164 Resp: 99477
Ion Ratio Lower Upper
164 100
166 126.0 103.0 154.6
129 95.1 80.2 120.4
131 89.6 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: 56.209 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

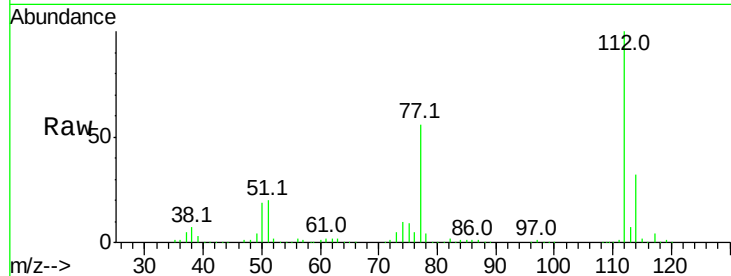
ClientSampled :

Tot Ion:112 Resp: 304731

Ion Ratio Lower Upper

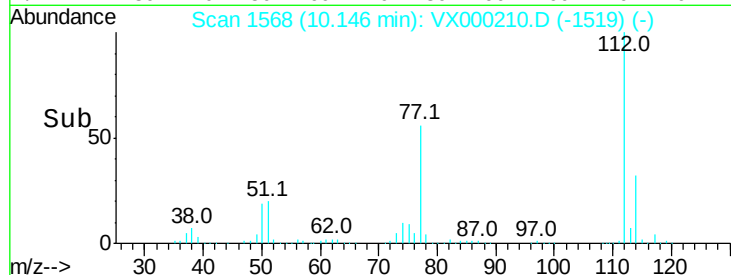
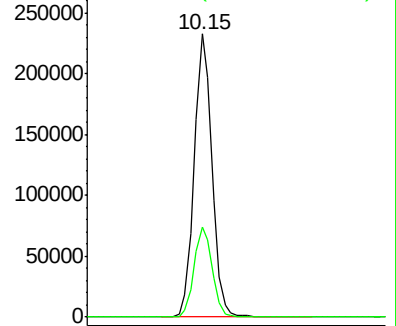
112 100

114 32.0 25.0 37.4

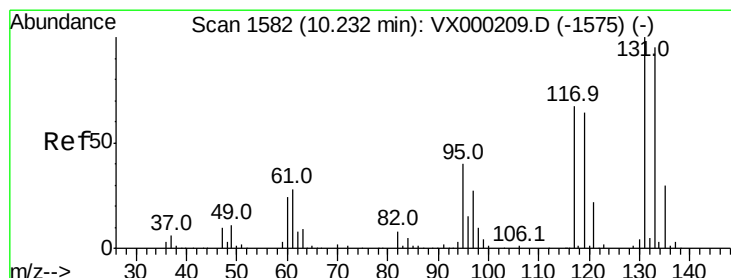


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 56.927 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

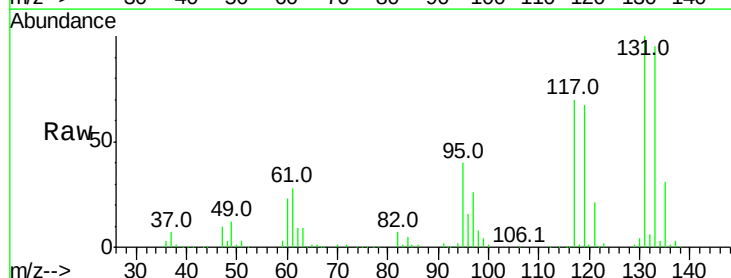
Tgt Ion:131 Resp: 106983

Ion Ratio Lower Upper

131 100

133 92.7 48.3 144.9

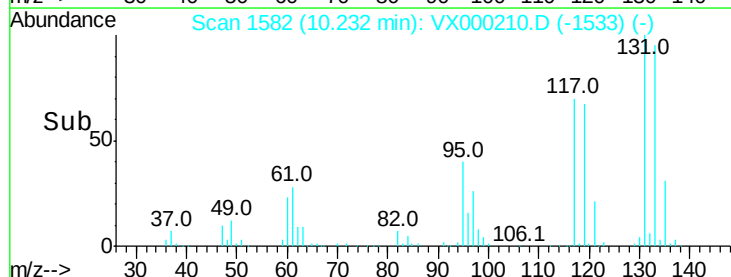
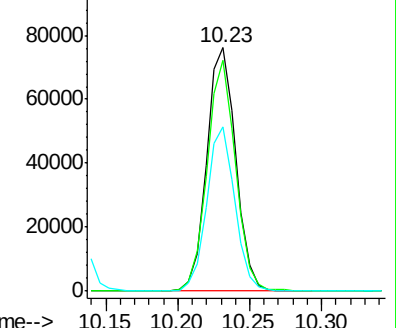
119 65.7 32.3 96.8



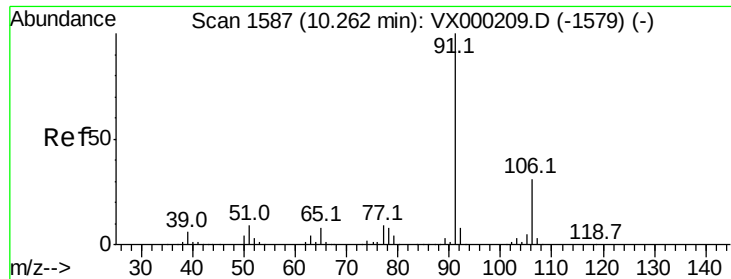
Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->



#67

Ethyl Benzene

Concen: 57.047 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

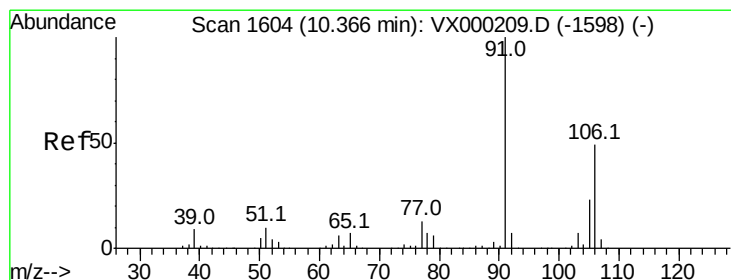
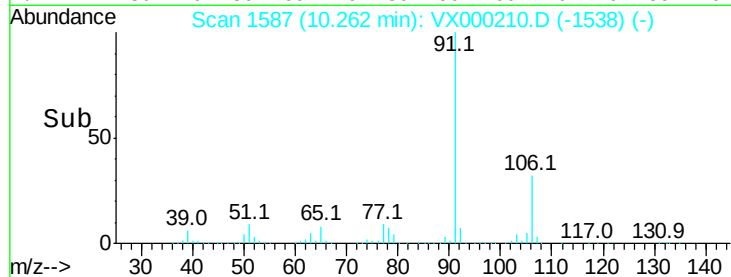
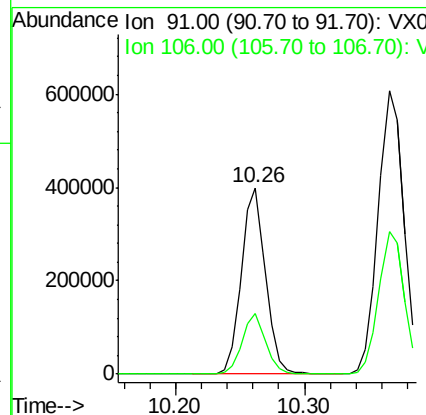
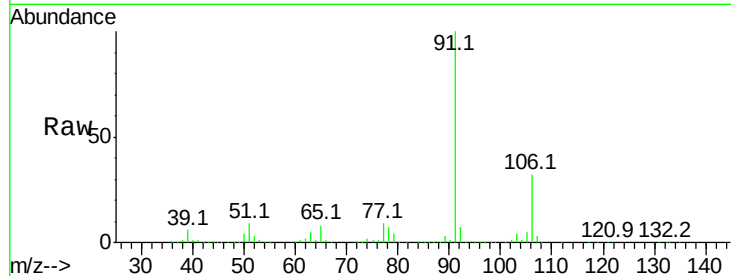
ClientSampleId :

Tot Ion: 91 Resp: 521273

Ion Ratio Lower Upper

91 100

106 32.3 25.2 37.8



#68

m/p-Xylenes

Concen: 116.594 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000210.D

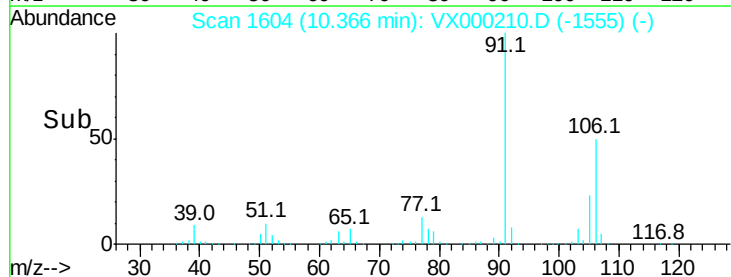
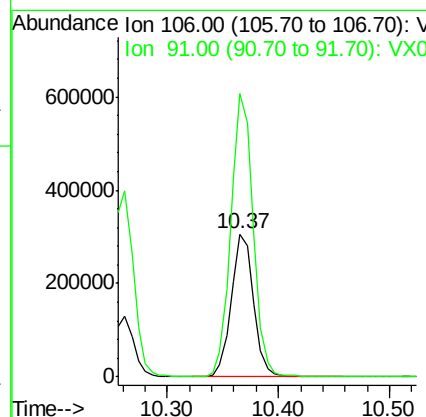
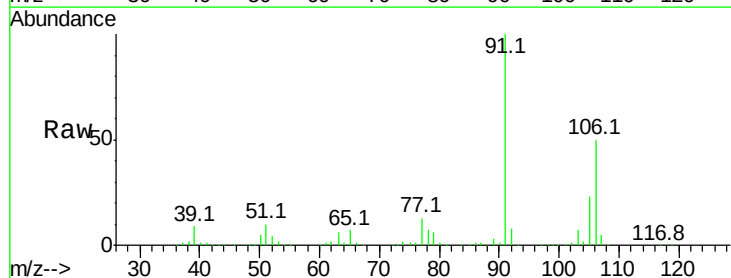
Acq: 07 Mar 2018 13:52

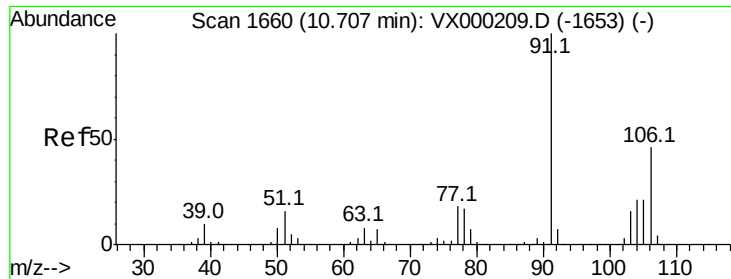
Tgt Ion: 106 Resp: 422295

Ion Ratio Lower Upper

106 100

91 198.6 160.9 241.3

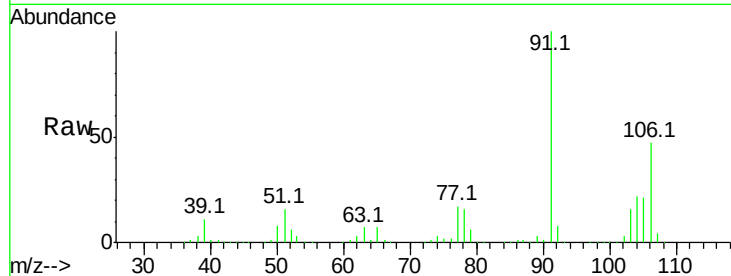




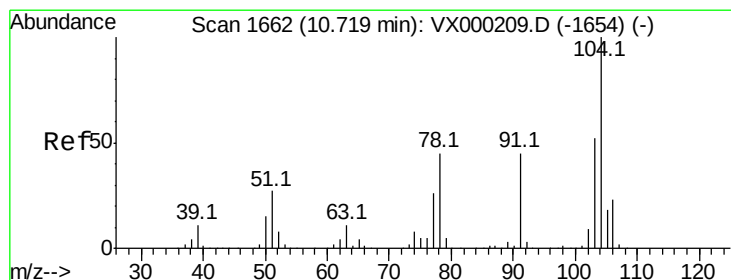
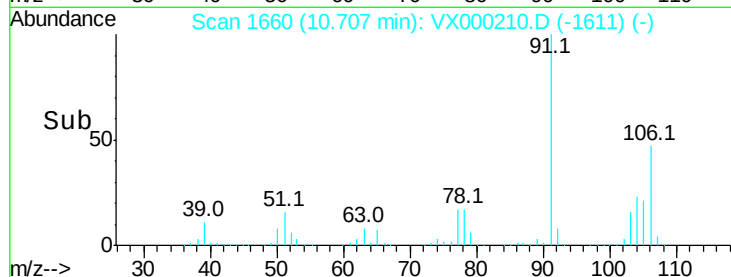
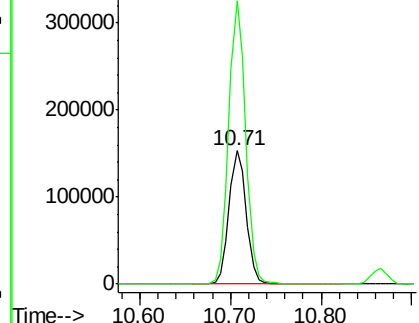
#69
o-Xylene
Concen: 58.479 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 203532
Ion Ratio Lower Upper
106 100
91 208.5 105.9 317.7

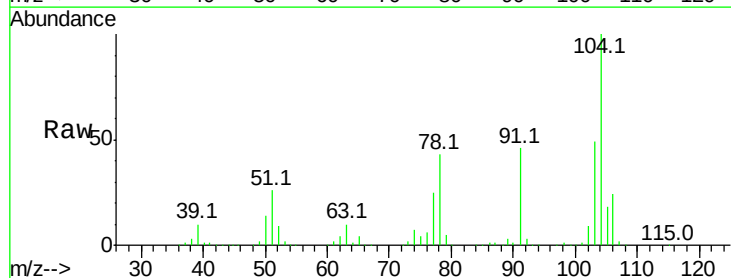


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

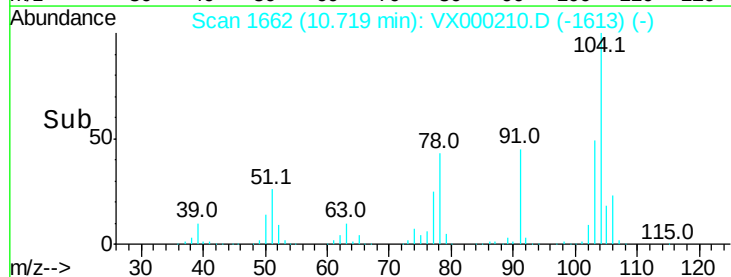
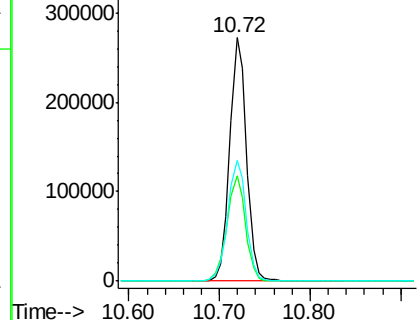


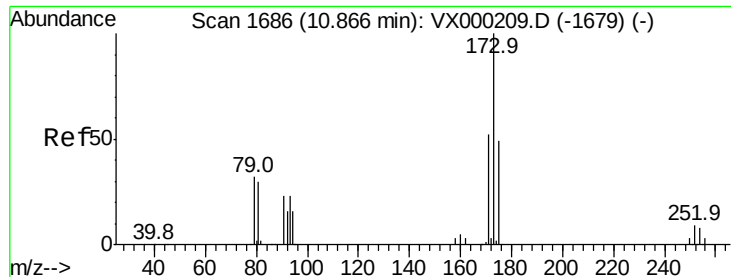
#70
Styrene
Concen: 61.491 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion:104 Resp: 350987
Ion Ratio Lower Upper
104 100
78 48.3 39.6 59.4
103 54.5 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: 59.248 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

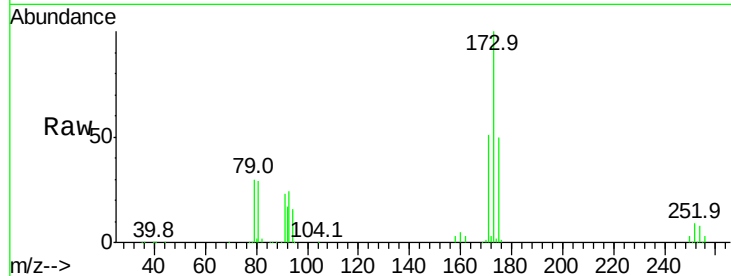
Tot Ion:173 Resp: 100389

Ion Ratio Lower Upper

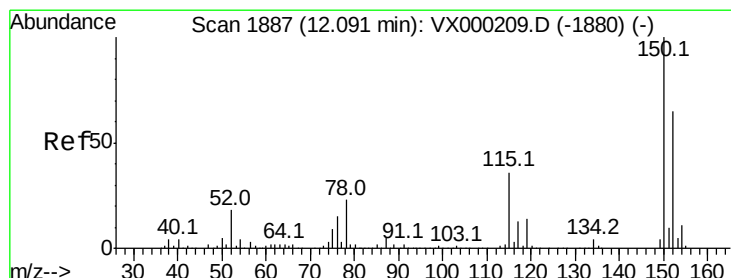
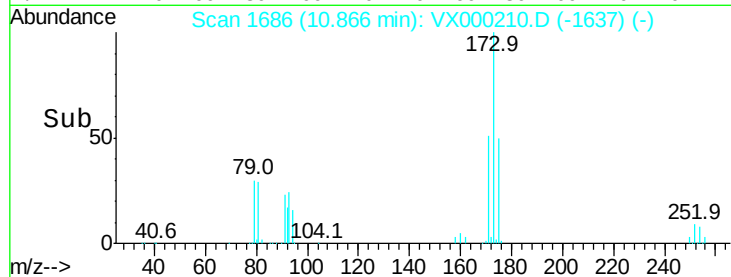
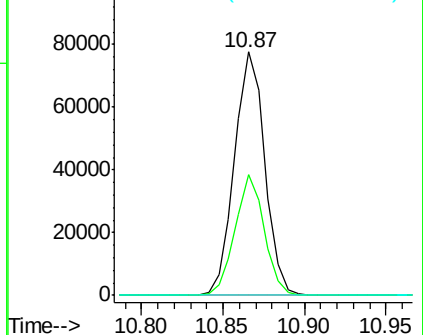
173 100

175 47.8 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: 12.09 min Scan# 1887

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

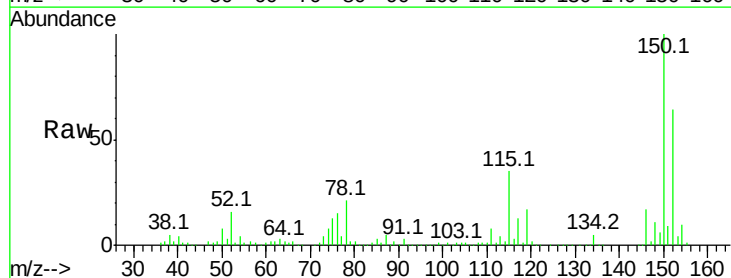
Tgt Ion:152 Resp: 160741

Ion Ratio Lower Upper

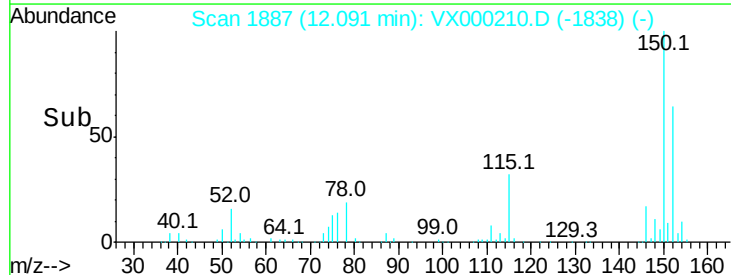
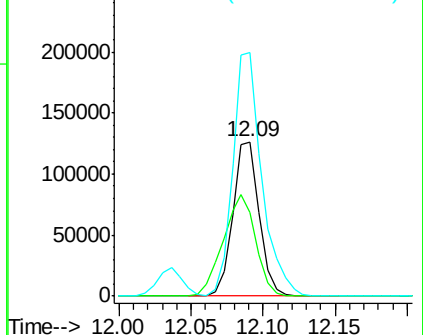
152 100

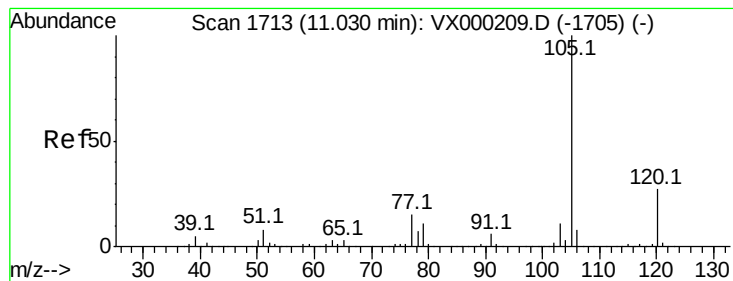
115 81.6 39.8 119.3

150 174.7 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: 54.186 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

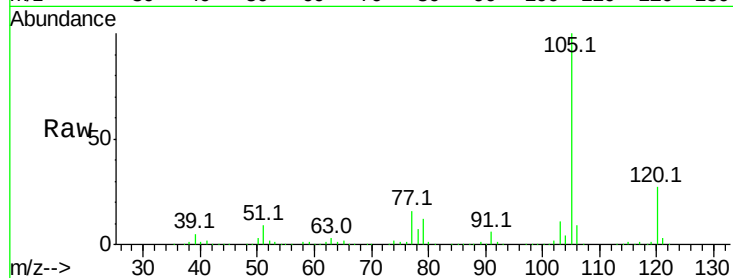
ClientSampleId :

Tot Ion:105 Resp: 549190

Ion Ratio Lower Upper

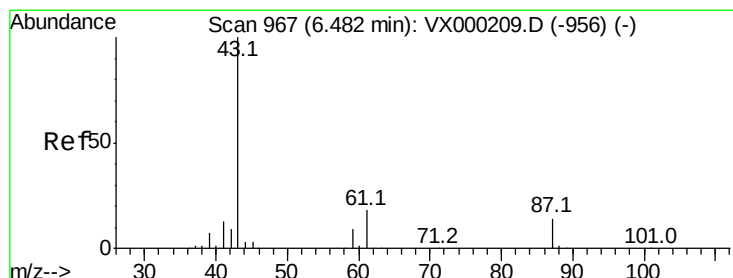
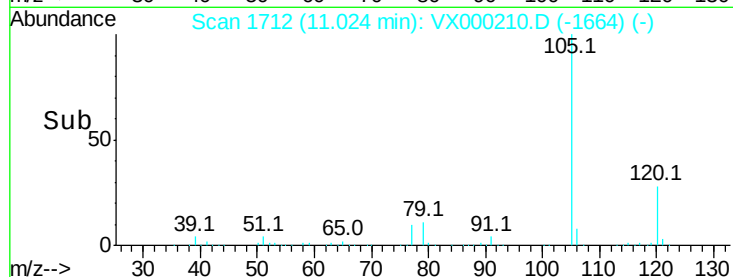
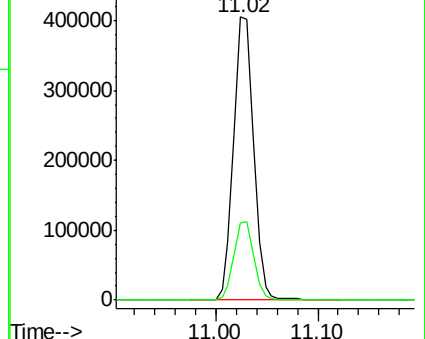
105 100

120 27.5 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: 52.237 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Tgt Ion: 43 Resp: 266241

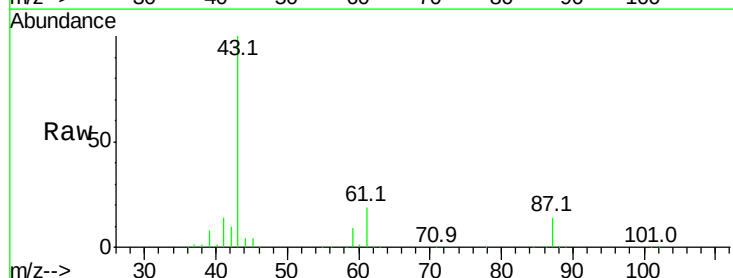
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.3 14.8 22.2

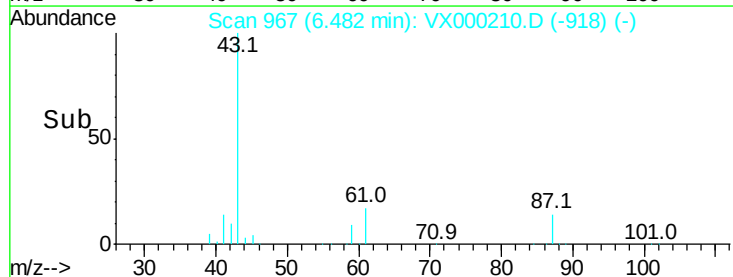
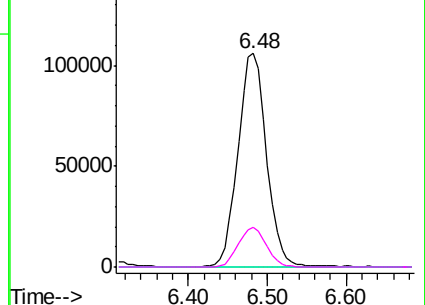


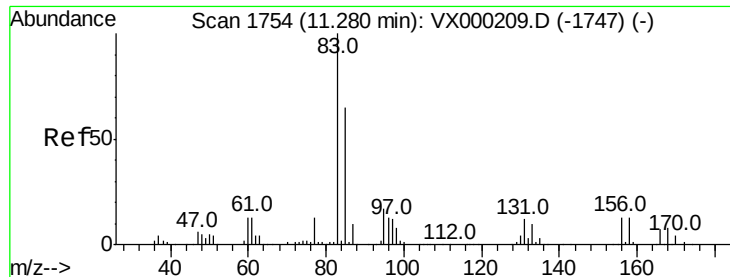
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 55.991 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

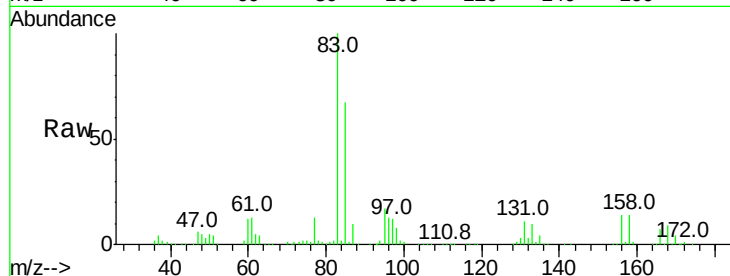
Tot Ion: 83 Resp: 197940

Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.5	16.5
85	64.5	32.5	97.4

83 100

131 11.1 5.5 16.5

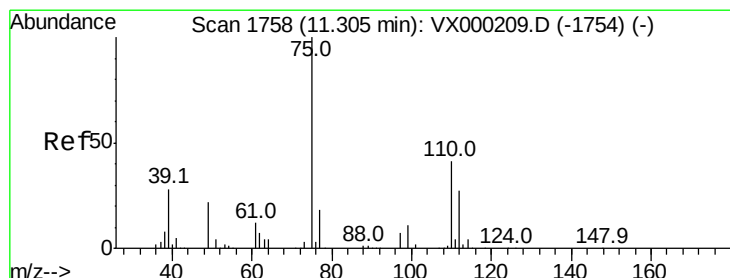
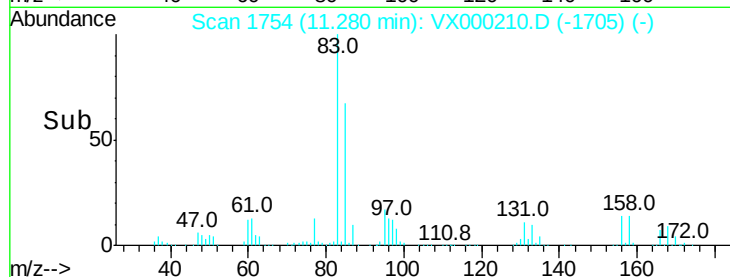
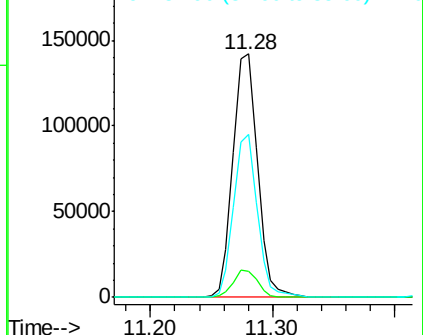
85 64.5 32.5 97.4



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: 72.721 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000210.D

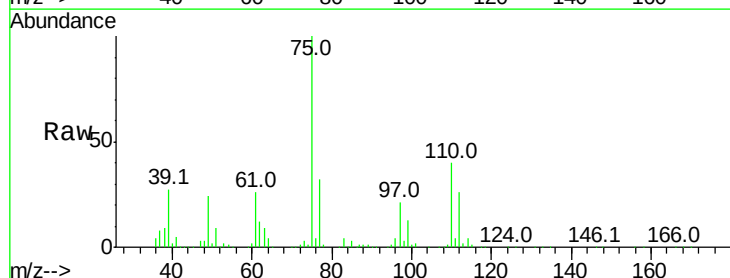
Acq: 07 Mar 2018 13:52

Tgt Ion: 75 Resp: 240086

Ion	Ratio	Lower	Upper
75	100		
77	32.6	22.3	66.8

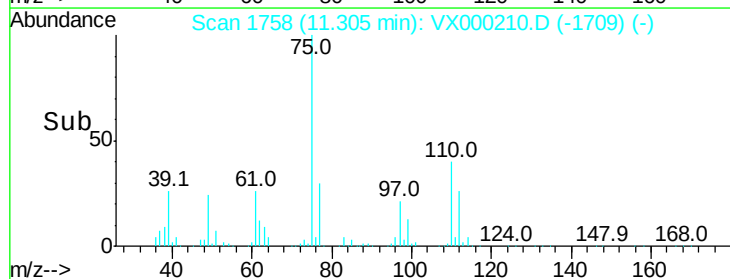
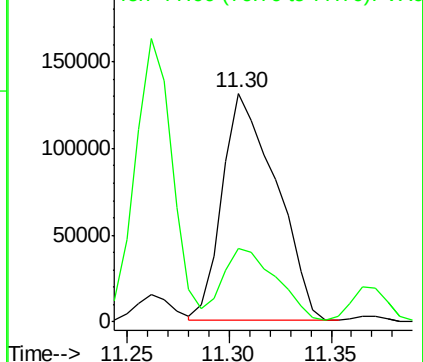
75 100

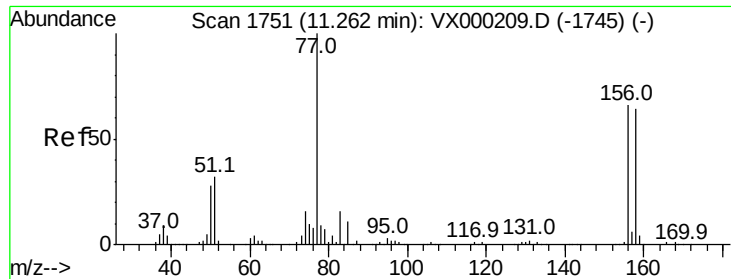
77 32.6 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.119 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

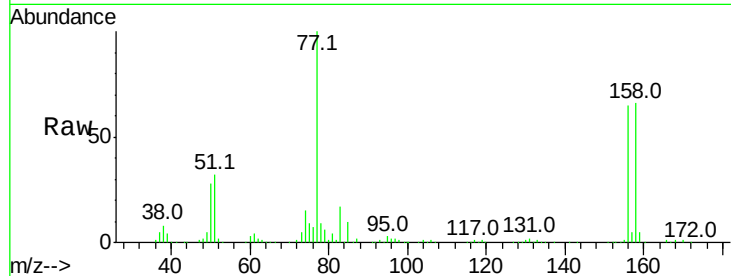
Tot Ion:156 Resp: 141494

Ion Ratio Lower Upper

156 100

77 146.6 71.9 215.7

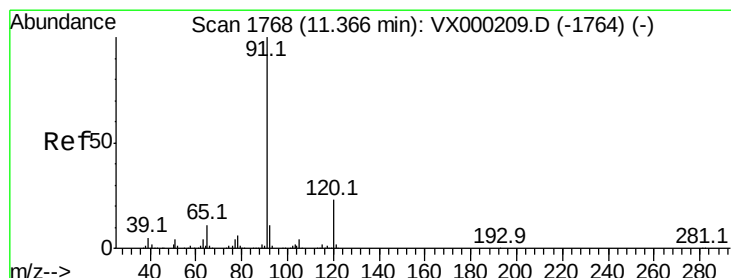
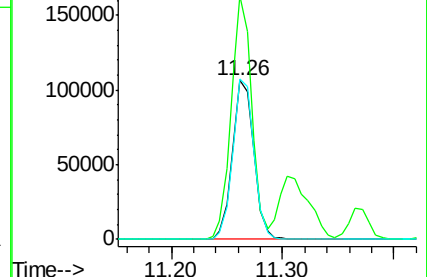
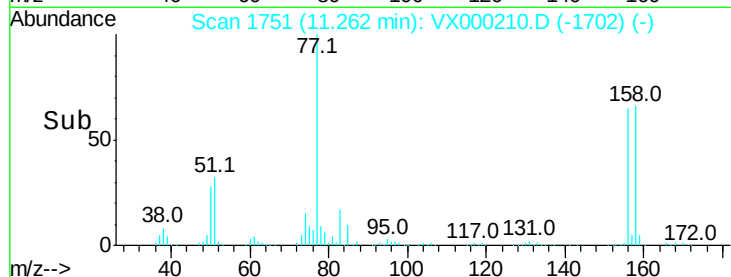
158 99.6 48.0 144.2



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: 53.896 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000210.D

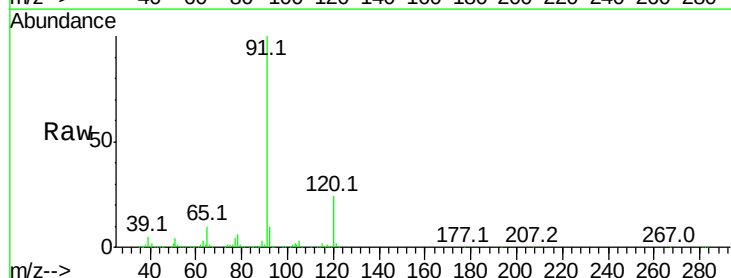
Acq: 07 Mar 2018 13:52

Tgt Ion: 91 Resp: 644324

Ion Ratio Lower Upper

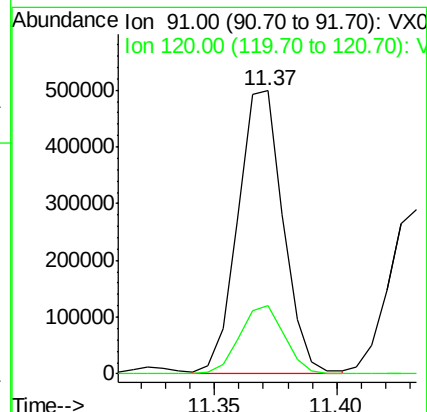
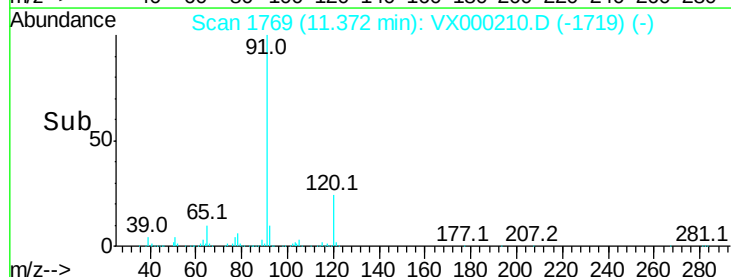
91 100

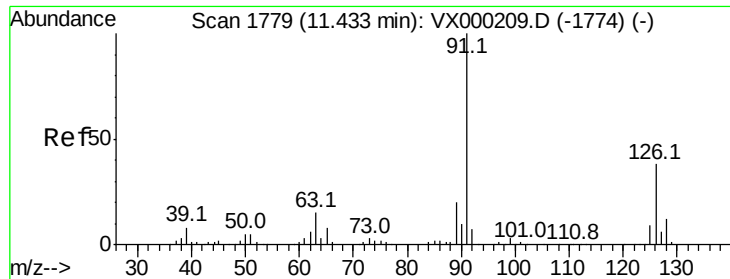
120 24.0 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.764 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

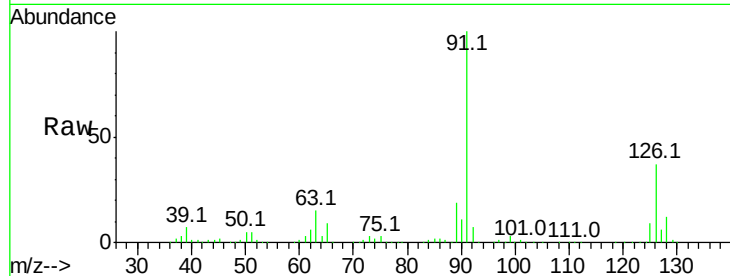
ClientSampleId :

Tot Ion: 91 Resp: 373312

Ion Ratio Lower Upper

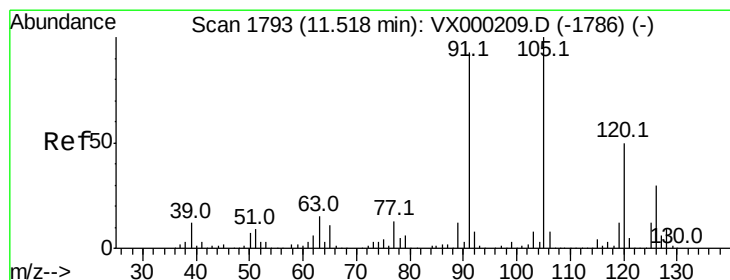
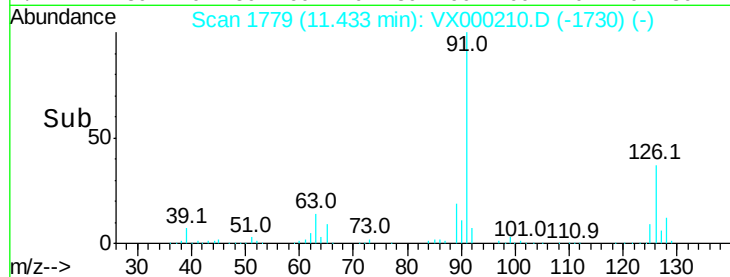
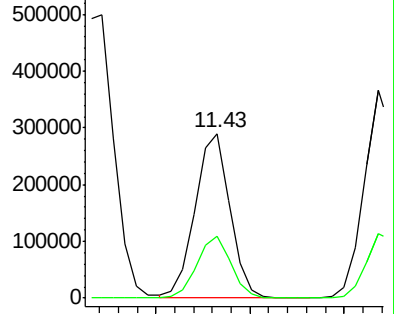
91 100

126 36.6 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) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.855 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000210.D

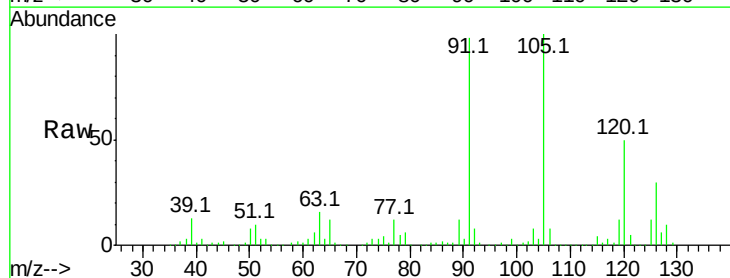
Acq: 07 Mar 2018 13:52

Tgt Ion: 105 Resp: 469362

Ion Ratio Lower Upper

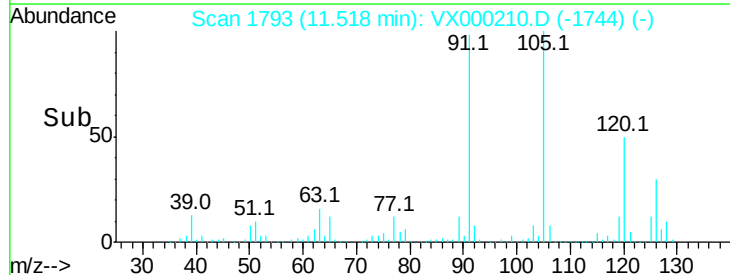
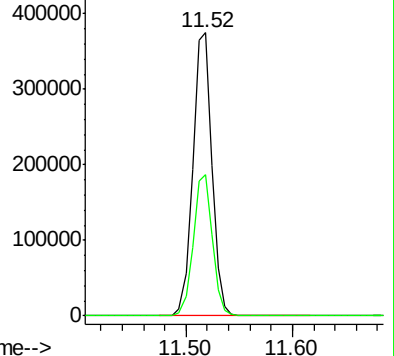
105 100

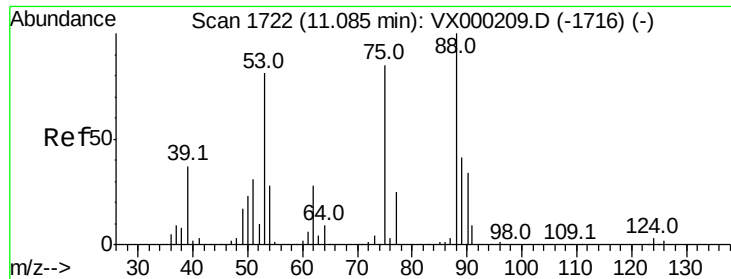
120 49.7 24.9 74.6



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

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

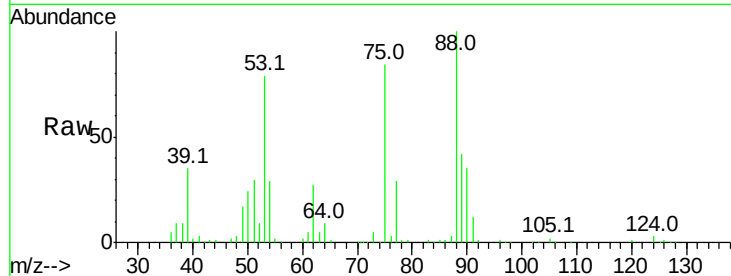




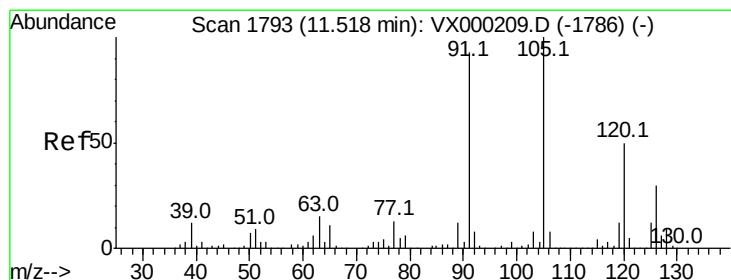
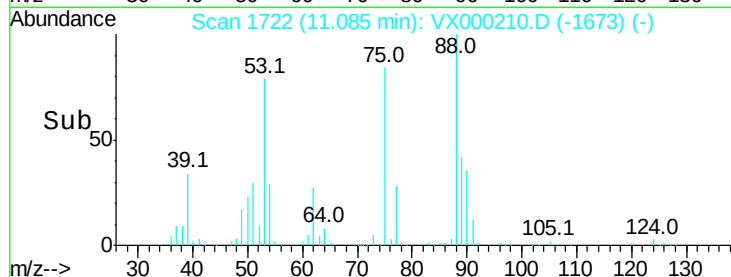
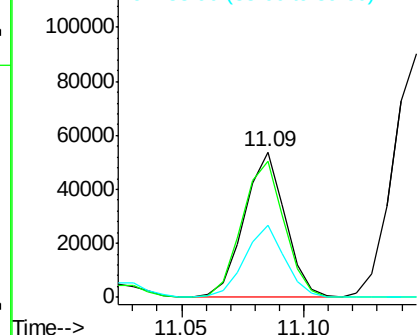
#81
trans-1,4-Dichloro-2-butene
Concen: 54.592 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 62467
Ion Ratio Lower Upper
75 100
53 97.8 78.6 118.0
89 49.5 38.8 58.2

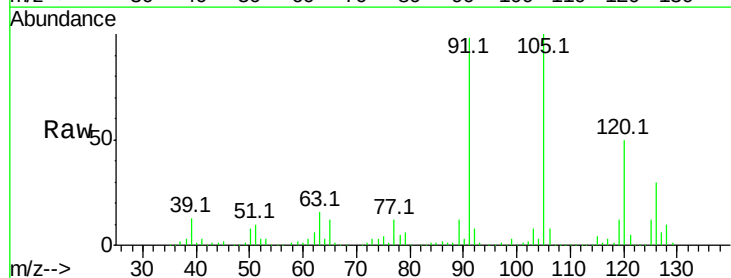


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

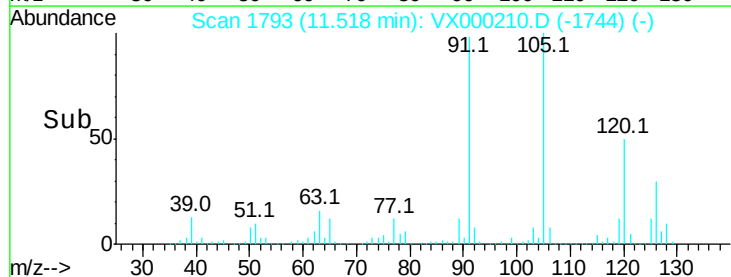
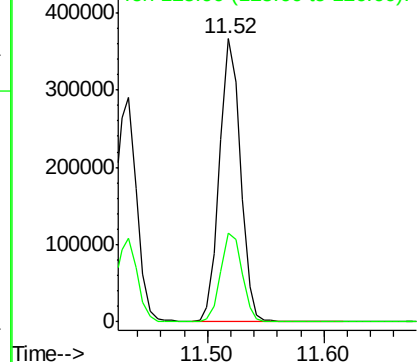


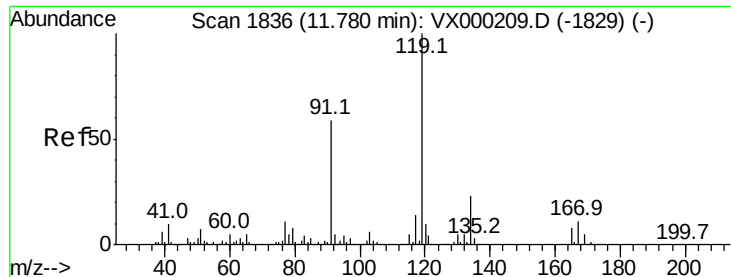
#82
4-Chlorotoluene
Concen: 54.746 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion: 91 Resp: 454612
Ion Ratio Lower Upper
91 100
126 32.0 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: 53.472 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

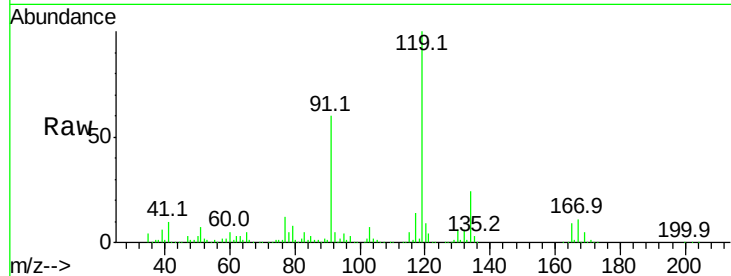
Tot Ion:119 Resp: 462365

Ion Ratio Lower Upper

119 100

91 55.8 28.9 86.7

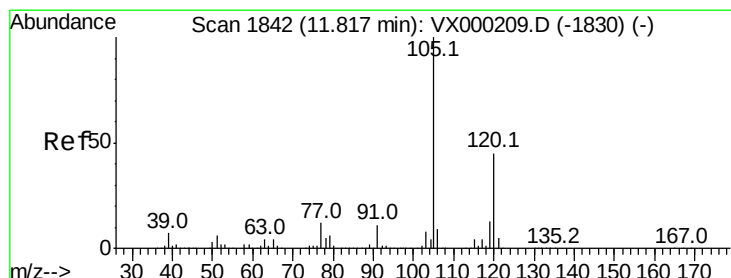
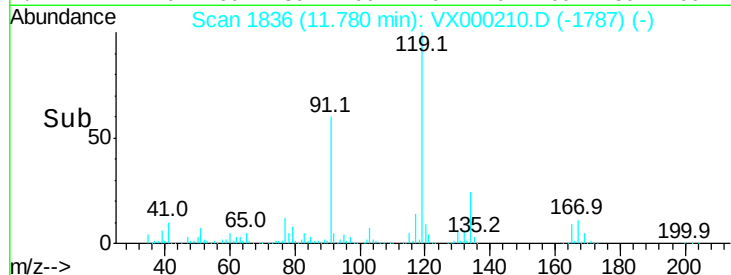
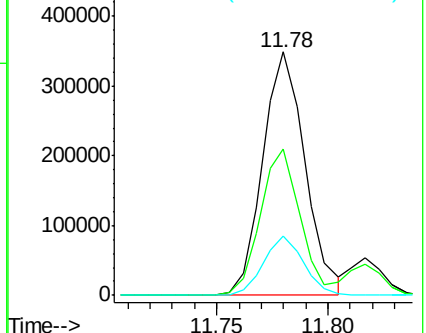
134 23.3 11.5 34.4



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: 54.629 ug/l

RT: 11.82 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX000210.D

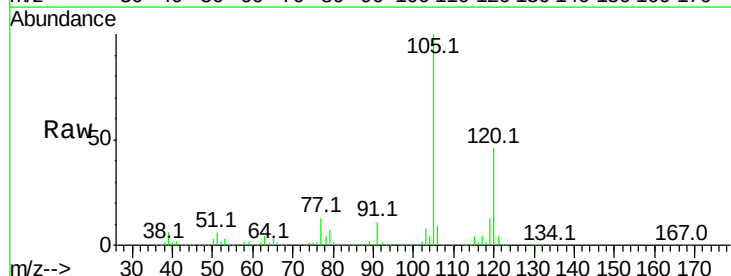
Acq: 07 Mar 2018 13:52

Tgt Ion:105 Resp: 486227

Ion Ratio Lower Upper

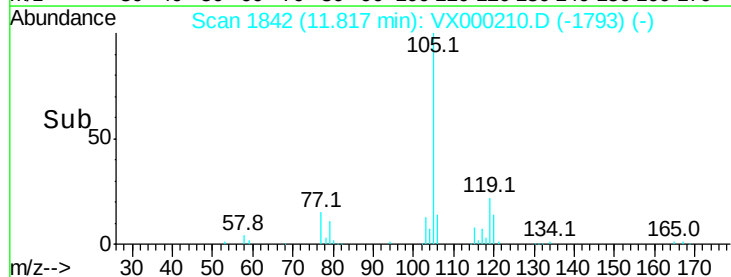
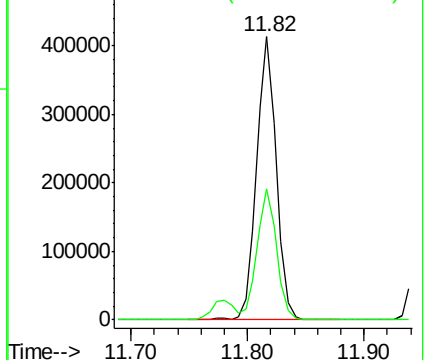
105 100

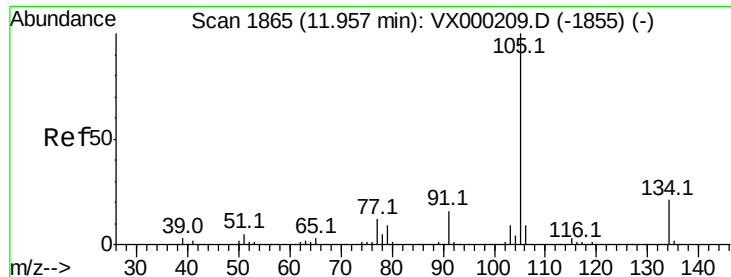
120 46.1 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.643 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

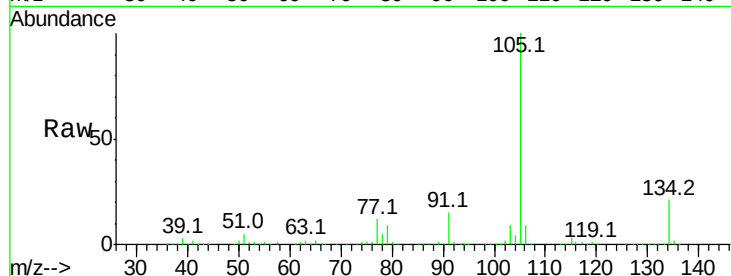
ClientSampled :

Tot Ion:105 Resp: 577241

Ion Ratio Lower Upper

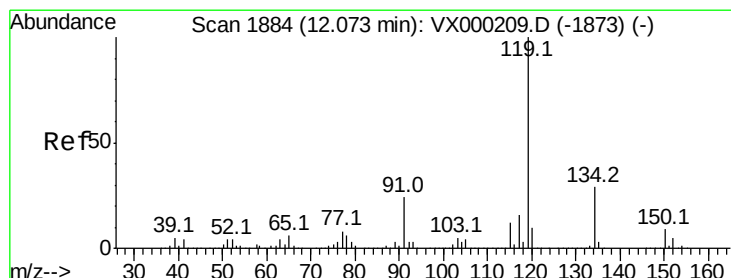
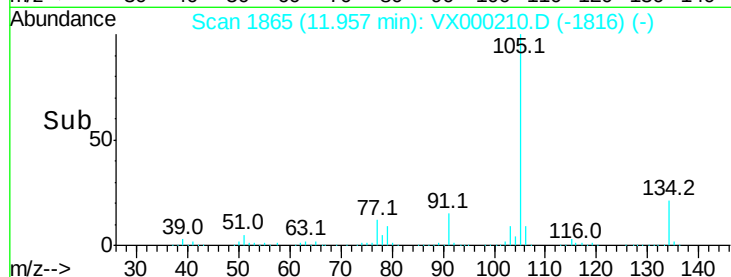
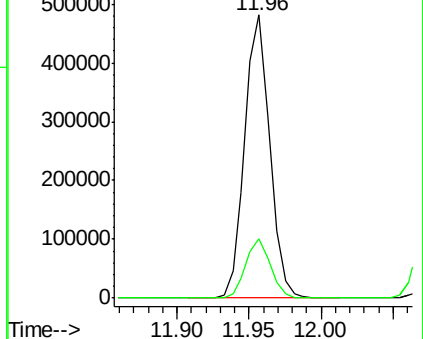
105 100

134 20.7 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: 53.893 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

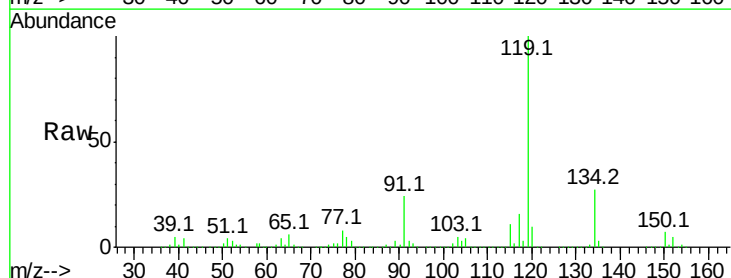
Tgt Ion:119 Resp: 516612

Ion Ratio Lower Upper

119 100

134 27.0 13.8 41.3

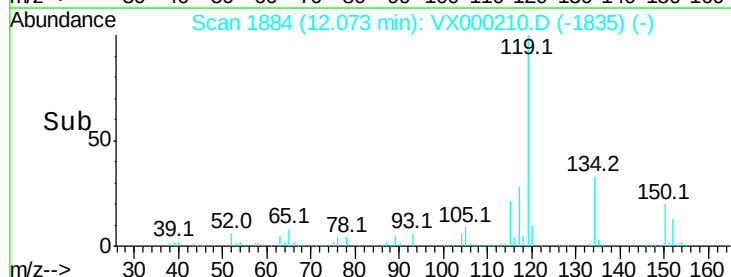
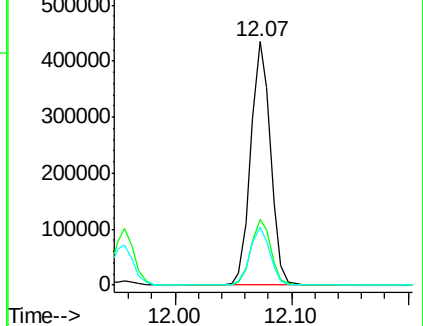
91 23.8 12.0 36.0

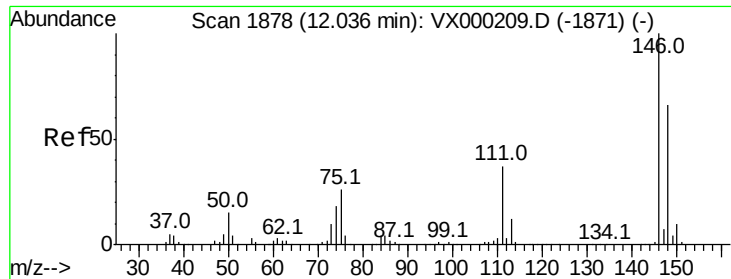


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

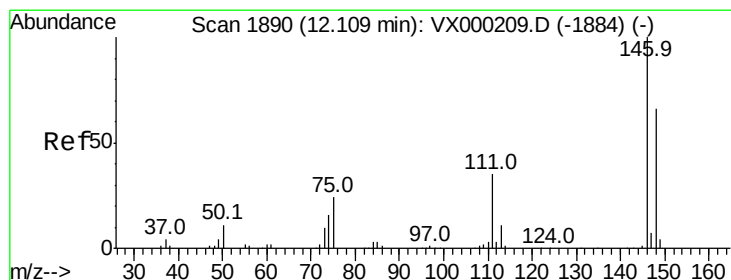
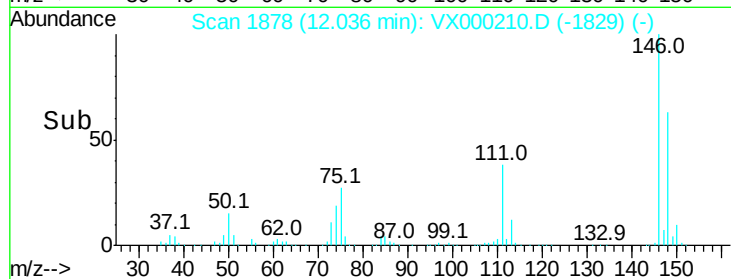
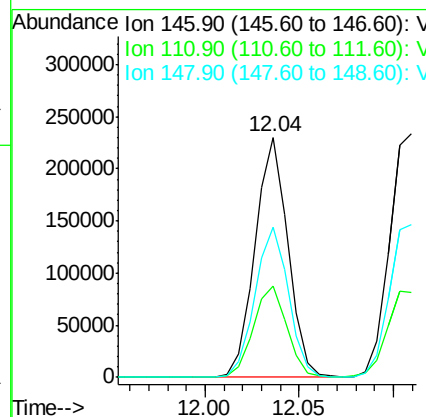
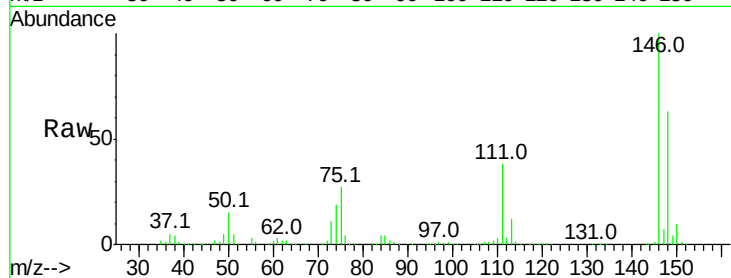




#87
 1,3-Dichlorobenzene
 Concen: 52.977 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

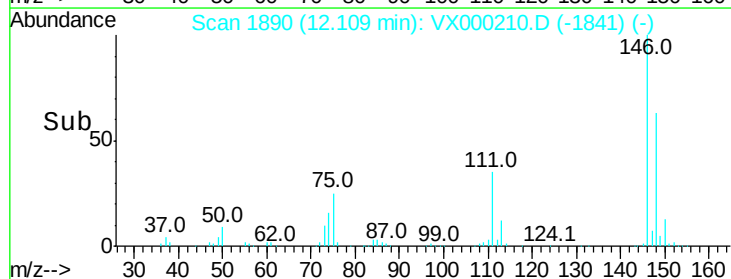
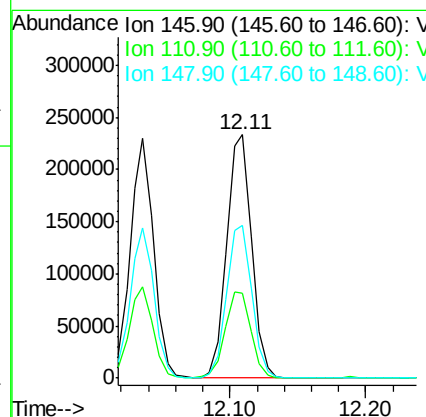
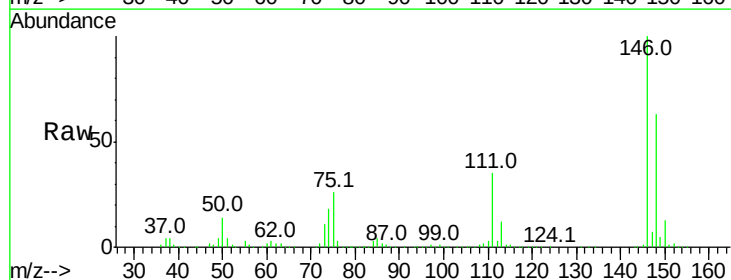
Instrument :
 MSVOA_X
 ClientSampleId :

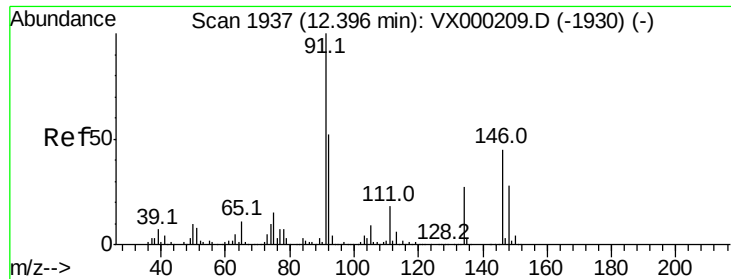
Tot Ion:146 Resp: 278264
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.0 57.0
 148 63.9 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 54.422 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Tgt Ion:146 Resp: 295360
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.9 56.9
 148 63.6 32.6 97.8





#89

n-Butylbenzene

Concen: 52.913 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampled :

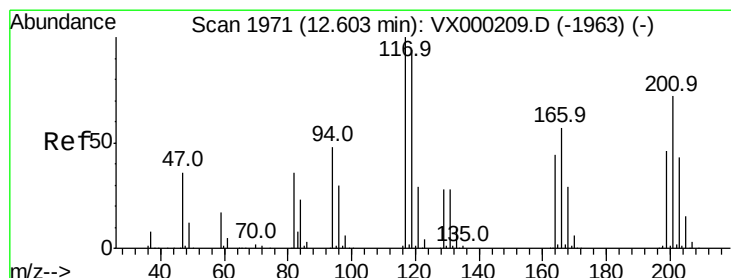
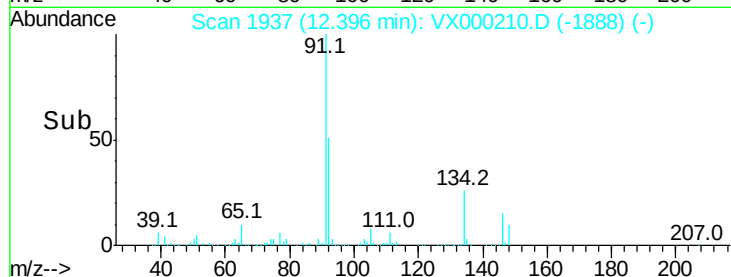
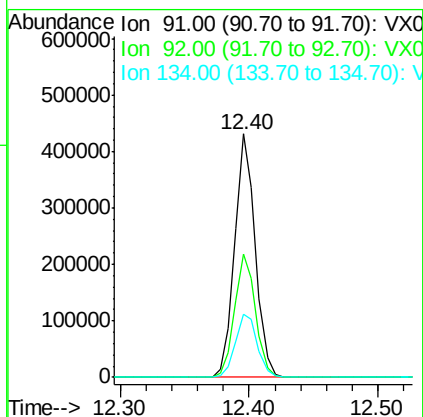
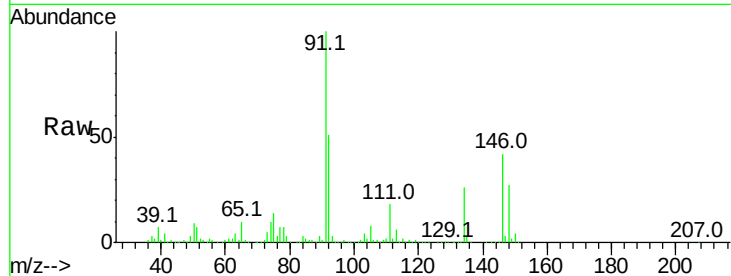
Tot Ion: 91 Resp: 481226

Ion Ratio Lower Upper

91 100

92 51.5 25.8 77.4

134 27.2 13.5 40.5



#90

Hexachloroethane

Concen: 54.867 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000210.D

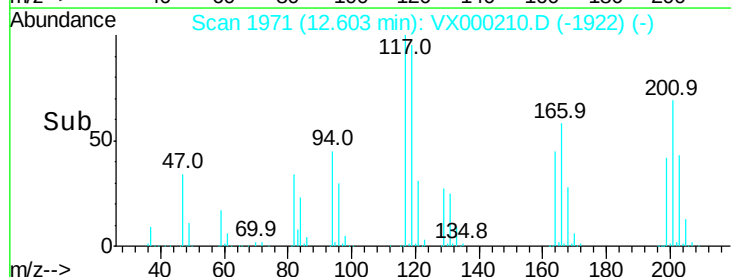
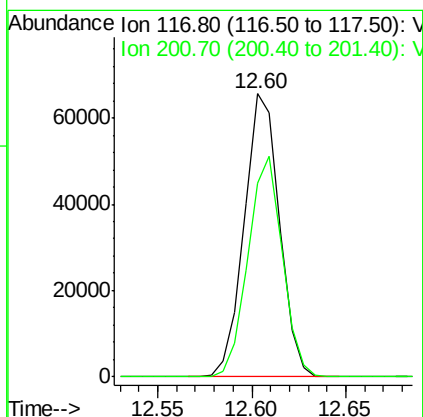
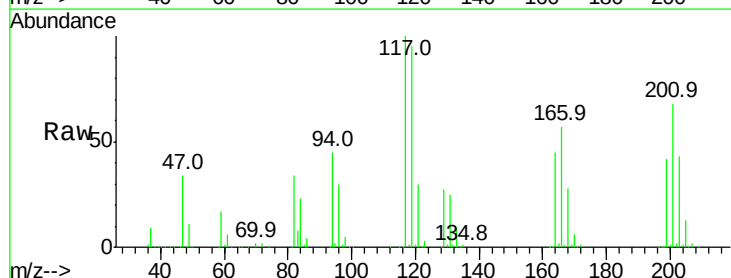
Acq: 07 Mar 2018 13:52

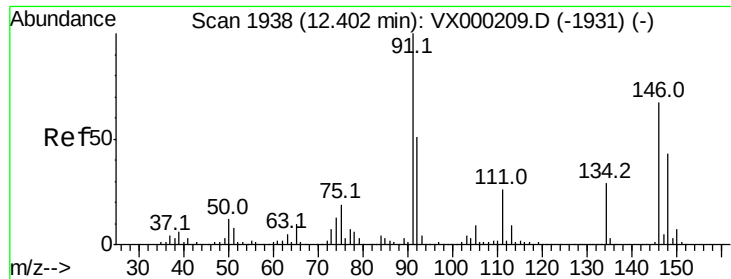
Tgt Ion: 117 Resp: 84992

Ion Ratio Lower Upper

117 100

201 75.8 38.2 114.6





#91

1,2-Dichlorobenzene

Concen: 53.939 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

Instrument :

MSVOA_X

ClientSampleId :

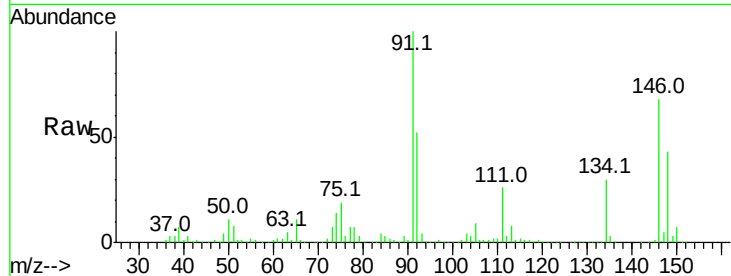
Tot Ion:146 Resp: 279186

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.0

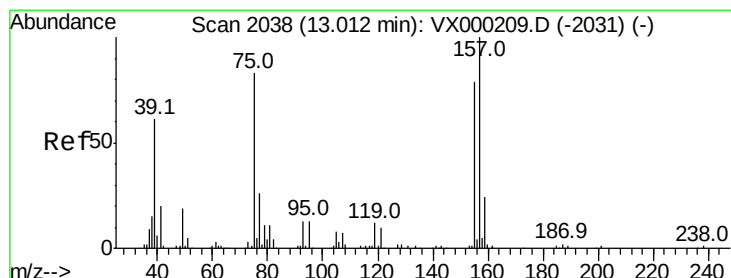
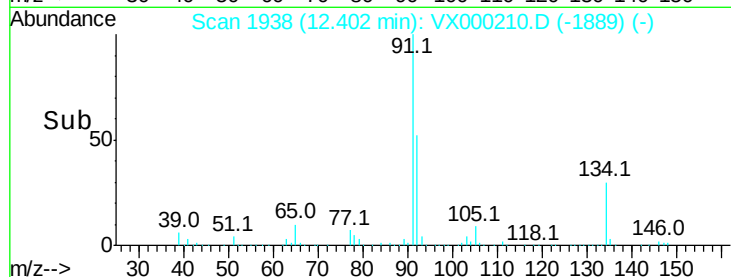
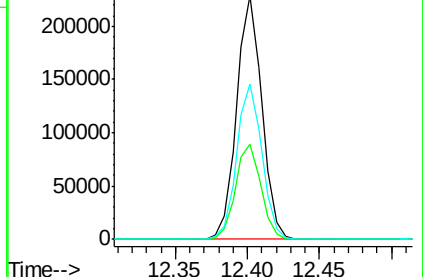
148 63.4 32.0 96.0



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: 58.138 ug/l

RT: 13.01 min Scan# 2038

Delta R.T. -0.00 min

Lab File: VX000210.D

Acq: 07 Mar 2018 13:52

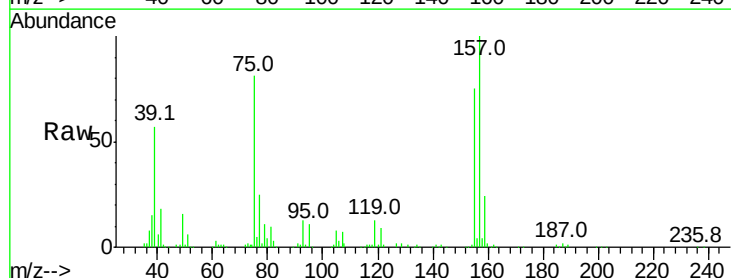
Tgt Ion: 75 Resp: 56929

Ion Ratio Lower Upper

75 100

155 90.5 45.5 136.5

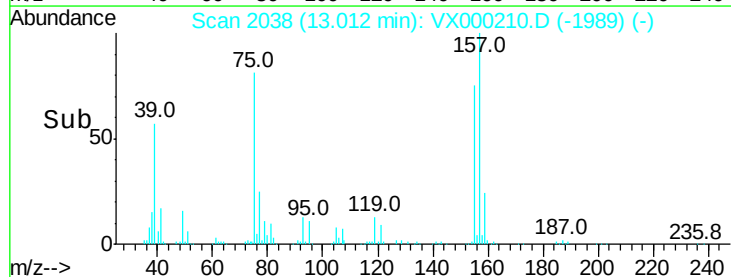
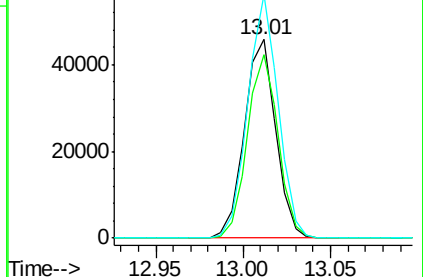
157 118.7 58.6 175.8

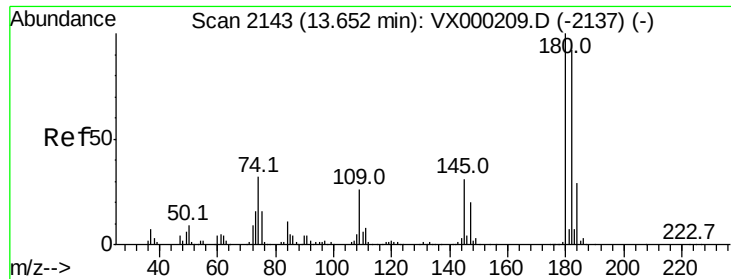


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

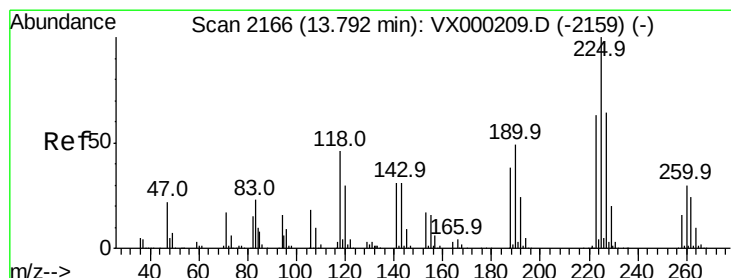
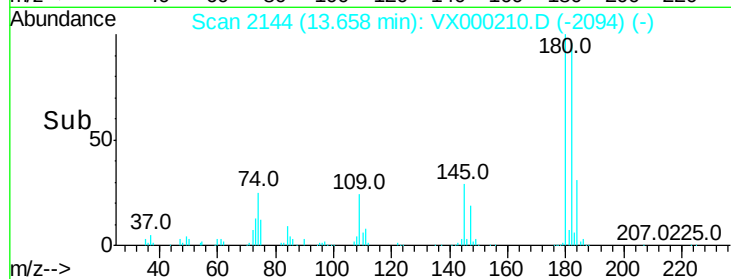
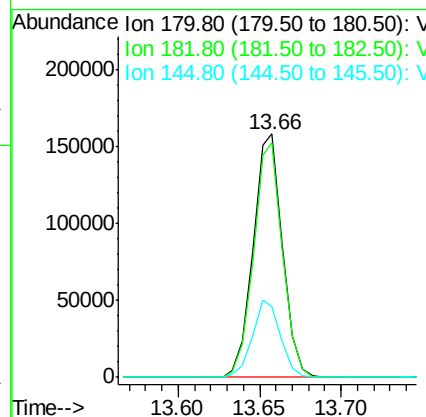
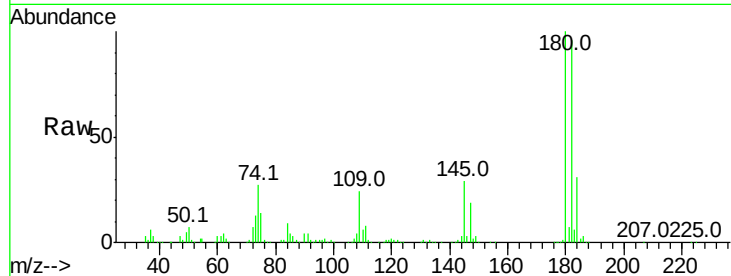




#93
 1,2,4-Trichlorobenzene
 Concen: 51.228 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.01 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

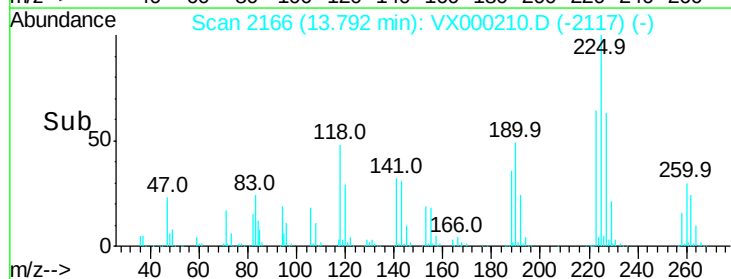
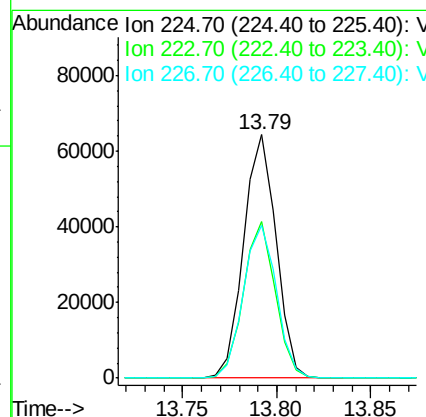
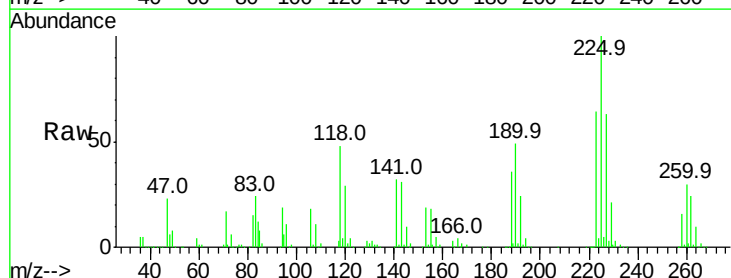
Instrument :
 MSVOA_X
 ClientSampleId :

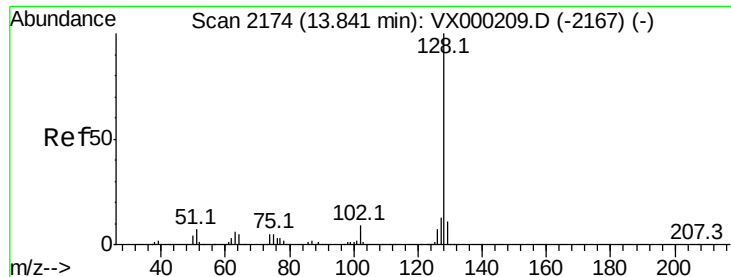
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.0	141.0
145	30.4	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 46.614 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000210.D
 Acq: 07 Mar 2018 13:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.8	95.3
227	64.3	31.9	95.5

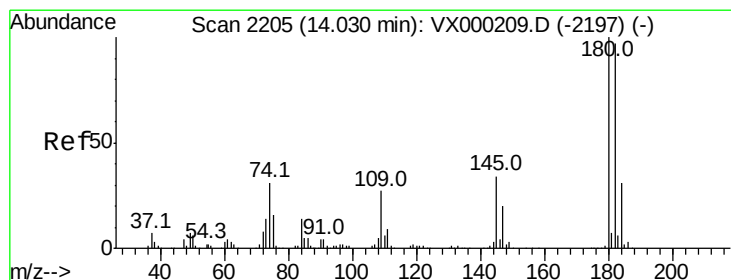
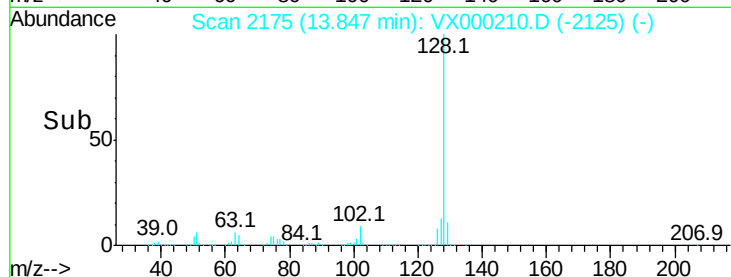
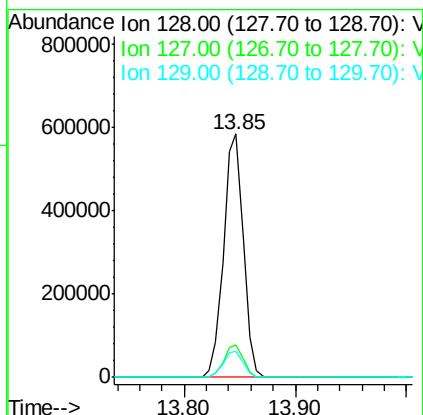
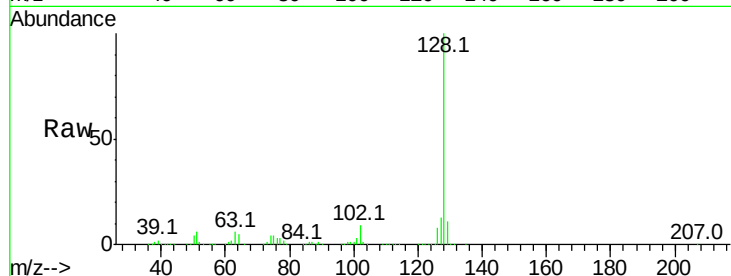




#95
Naphthalene
Concen: 54.467 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. 0.01 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 714017
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.141 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000210.D
Acq: 07 Mar 2018 13:52

Tgt Ion:180 Resp: 197369
Ion Ratio Lower Upper
180 100
182 95.4 48.0 144.0
145 31.4 16.3 48.8

