

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002212.D
 Acq On : 01 Jun 2018 11:34
 Operator : JC/MD
 Sample : VX0531WBSD06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 01 15:27:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	195531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	273127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	260118	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171926	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188964	54.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.14%	
35) Dibromofluoromethane	5.51	113	138091	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	8.72	98	529770	53.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.16%	
62) 4-Bromofluorobenzene	11.14	95	200538	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	39834	14.849	ug/l	97
3) Chloromethane	1.32	50	53834	17.894	ug/l	99
4) Vinyl Chloride	1.40	62	55679	19.168	ug/l	100
5) Bromomethane	1.64	94	36411	26.785	ug/l	97
6) Chloroethane	1.73	64	37988	22.184	ug/l	100
7) Trichlorofluoromethane	1.93	101	93999	21.548	ug/l	99
8) Diethyl Ether	2.19	74	39213	24.775	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54184	22.259	ug/l	97
10) Methyl Iodide	2.51	142	64073	19.453	ug/l	98
11) Tert butyl alcohol	3.07	59	87835	128.027	ug/l	97
12) 1,1-Dichloroethene	2.38	96	46996	20.621	ug/l	96
13) Acrolein	2.29	56	24538	82.722	ug/l	99
14) Allyl chloride	2.73	41	105348	22.021	ug/l	96
15) Acrylonitrile	3.15	53	172195	122.054	ug/l	99
16) Acetone	2.45	43	174939	129.692	ug/l	99
17) Carbon Disulfide	2.57	76	103960	15.849	ug/l	100
18) Methyl Acetate	2.78	43	87535	26.402	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	205264	23.946	ug/l	98
20) Methylene Chloride	2.86	84	59957	24.833	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	52381	22.747	ug/l	94
22) Diisopropyl ether	3.87	45	193120	19.846	ug/l	96
23) Vinyl Acetate	3.82	43	908362	112.588	ug/l	99
24) 1,1-Dichloroethane	3.70	63	108696	23.515	ug/l	98
25) 2-Butanone	4.71	43	235705	95.341	ug/l	98
26) 2,2-Dichloropropane	4.59	77	75097	16.051	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	55471	18.665	ug/l	94
28) Bromochloromethane	5.03	49	48590	23.951	ug/l	100
29) Tetrahydrofuran	5.17	42	151631	94.270	ug/l	99
30) Chloroform	5.22	83	99577	19.121	ug/l	99
31) Cyclohexane	5.58	56	83644	17.368	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	82405	16.973	ug/l	99
36) 1,1-Dichloropropene	5.81	75	67927	17.880	ug/l	97
37) Ethyl Acetate	4.87	43	91006	18.374	ug/l	99
38) Carbon Tetrachloride	5.79	117	69965	15.793	ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 01 15:27:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84865	18.183	ug/l	99
40) Benzene	6.15	78	215163	19.332	ug/l	99
41) Methacrylonitrile	5.07	41	51029	18.671	ug/l	98
42) 1,2-Dichloroethane	6.20	62	88220	19.843	ug/l	99
43) Isopropyl Acetate	6.47	43	149779	18.149	ug/l	100
44) Trichloroethene	7.21	130	60726	18.723	ug/l	99
45) 1,2-Dichloropropane	7.52	63	57947	19.171	ug/l	97
46) Dibromomethane	7.67	93	39580	19.778	ug/l	98
47) Bromodichloromethane	7.90	83	69155	16.207	ug/l	98
48) Methyl methacrylate	7.78	41	76843	18.295	ug/l	96
49) 1,4-Dioxane	7.76	88	29910	404.102	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	491235	98.744	ug/l	99
52) Toluene	8.79	92	139552	19.702	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	84721	17.239	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	78981	16.493	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	58865	19.893	ug/l	98
56) Ethyl methacrylate	9.18	69	92680	18.209	ug/l	98
57) 1,3-Dichloropropane	9.38	76	98318	20.169	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	199274	88.336	ug/l	100
59) 2-Hexanone	9.50	43	369942	96.442	ug/l	100
60) Dibromochloromethane	9.59	129	55059	15.709	ug/l	100
61) 1,2-Dibromoethane	9.68	107	59688	19.224	ug/l	97
64) Tetrachloroethene	9.34	164	67027	17.972	ug/l	99
65) Chlorobenzene	10.14	112	157865	19.156	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	56987	17.124	ug/l	98
67) Ethyl Benzene	10.26	91	270030	18.859	ug/l	99
68) m/p-Xylenes	10.37	106	207023	37.823	ug/l	98
69) o-Xylene	10.70	106	102766	18.804	ug/l	100
70) Styrene	10.71	104	167516	18.482	ug/l	99
71) Bromoform	10.86	173	40690	12.895	ug/l	99
73) Isopropylbenzene	11.02	105	275368	18.914	ug/l	99
74) N-amyl acetate	6.47	43	149779	17.800	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	85910	20.837	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	99100	23.998	ug/l	82
77) Bromobenzene	11.26	156	74414	19.265	ug/l	97
78) n-propylbenzene	11.37	91	309954	19.009	ug/l	100
79) 2-Chlorotoluene	11.43	91	187302	19.535	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	233515	18.768	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21336	12.418	ug/l #	81
82) 4-Chlorotoluene	11.51	91	217839	18.942	ug/l	100
83) tert-Butylbenzene	11.77	119	228128	18.685	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	243515	18.940	ug/l	99
85) sec-Butylbenzene	11.95	105	276679	18.852	ug/l	100
86) p-Isopropyltoluene	12.07	119	248226	18.901	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	134626	19.461	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	136205	19.694	ug/l	99
89) n-Butylbenzene	12.39	91	205431	18.460	ug/l	99
90) Hexachloroethane	12.60	117	33736	13.023	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	138190	19.606	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17879	13.813	ug/l	100

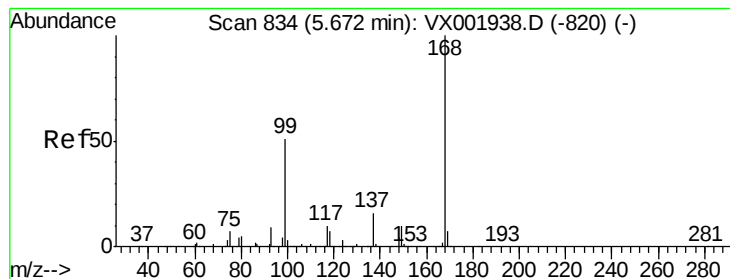
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
Data File : VX002212.D
Acq On : 01 Jun 2018 11:34
Operator : JC/MD
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 01 15:27:43 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	98888	19.621	ug/l	99
94) Hexachlorobutadiene	13.79	225	49867	18.393	ug/l	99
95) Naphthalene	13.84	128	295653	19.040	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	102117	19.581	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

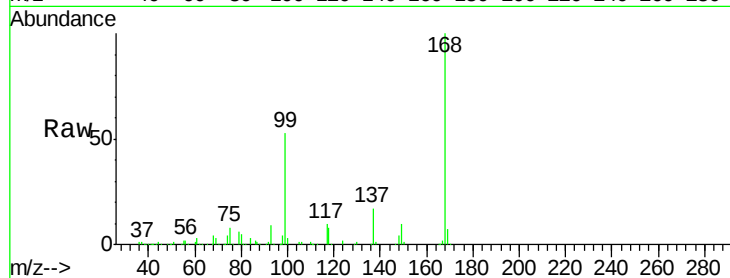
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 195531

Ion Ratio Lower Upper

168 100

99 53.0 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

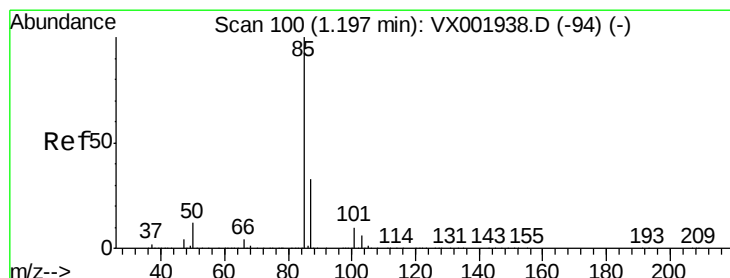
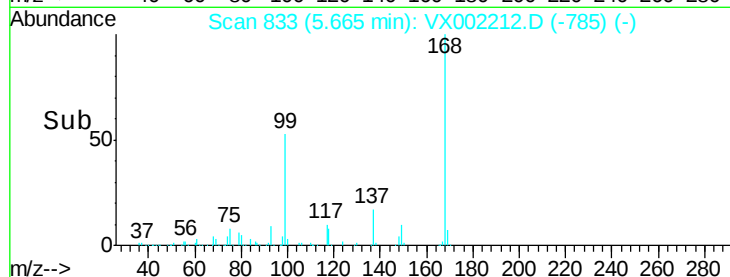
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 14.849 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002212.D

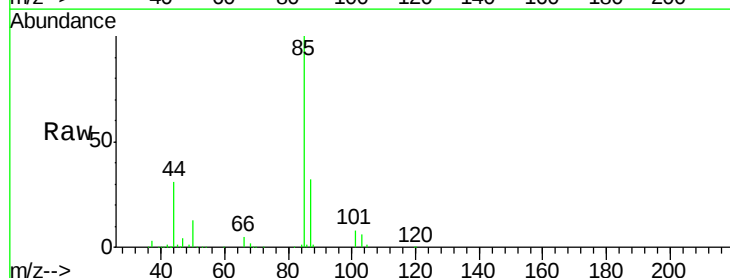
Acq: 01 Jun 2018 11:34

Tgt Ion: 85 Resp: 39834

Ion Ratio Lower Upper

85 100

87 31.6 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

40000

30000

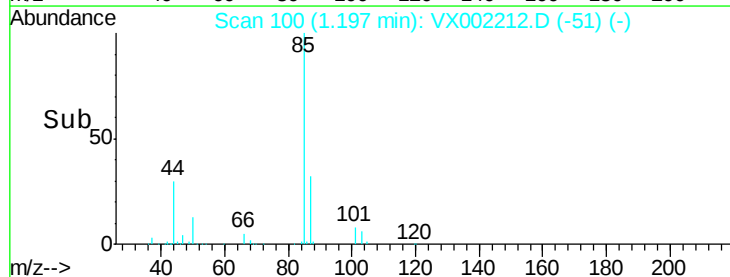
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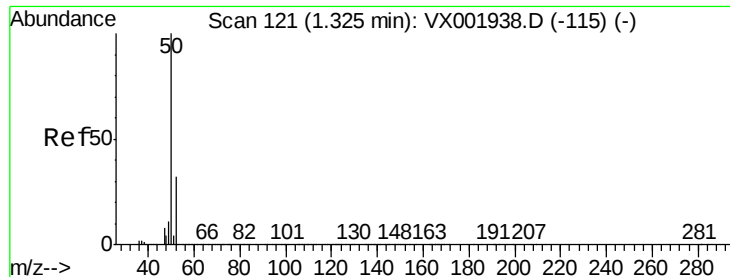
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.894 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

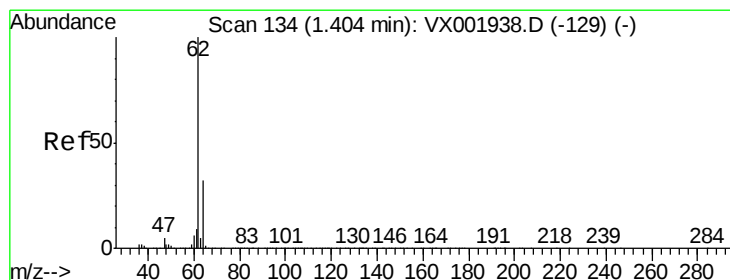
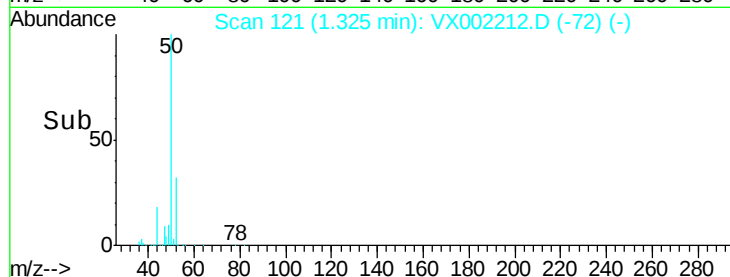
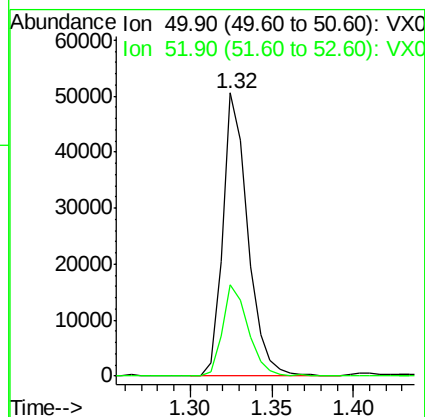
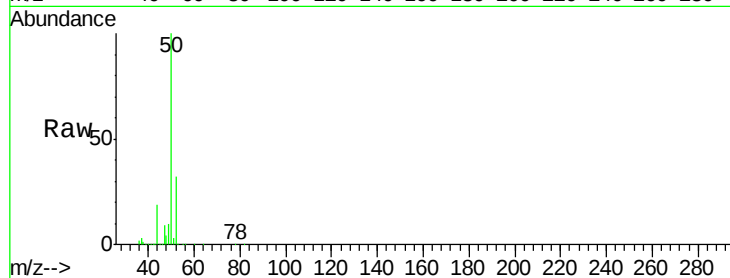
ClientSampled :

Tot Ion: 50 Resp: 53834

Ion Ratio Lower Upper

50 100

52 32.2 26.0 39.0



#4

Vinyl Chloride

Concen: 19.168 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002212.D

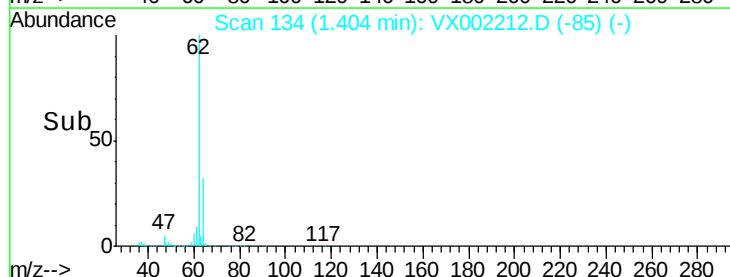
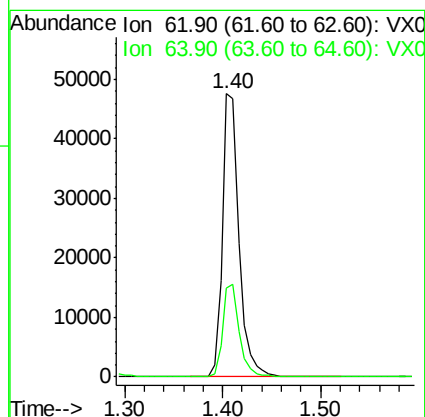
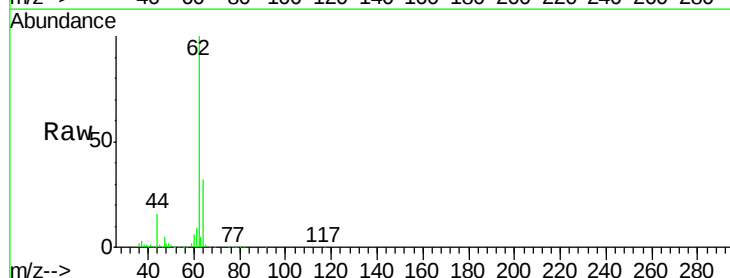
Acq: 01 Jun 2018 11:34

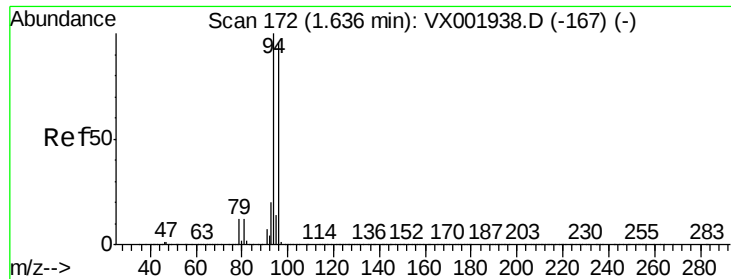
Tgt Ion: 62 Resp: 55679

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 26.785 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

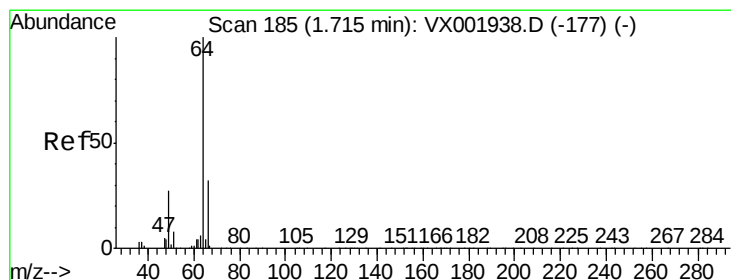
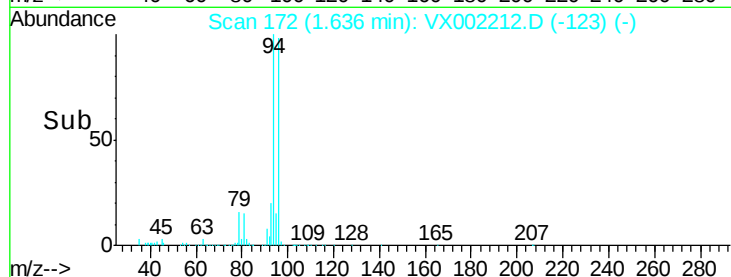
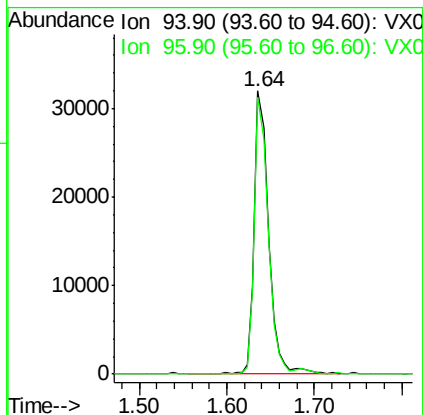
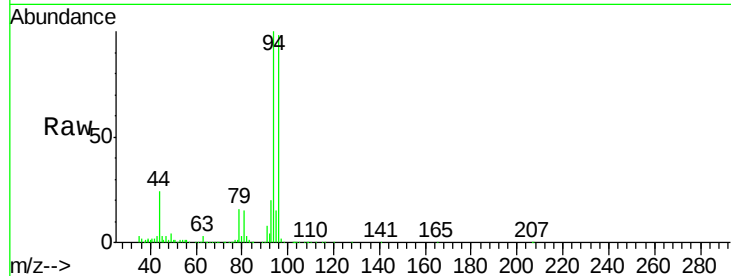
ClientSampleId :

Tot Ion: 94 Resp: 36411

Ion Ratio Lower Upper

94 100

96 97.8 75.9 113.9



#6

Chloroethane

Concen: 22.184 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002212.D

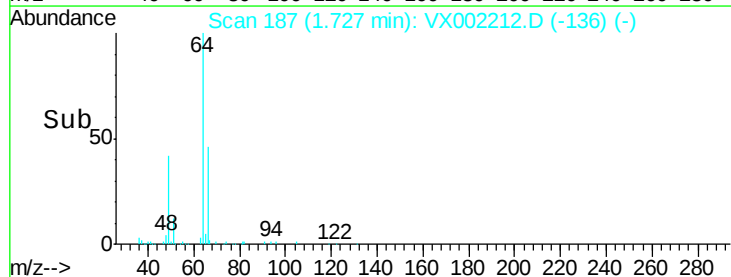
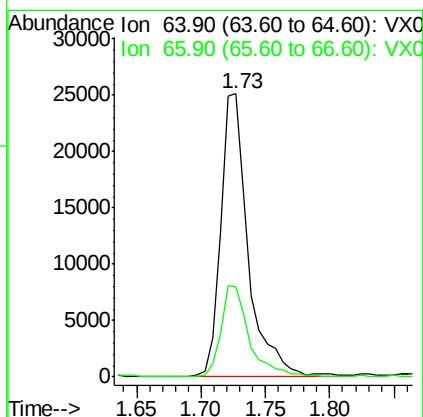
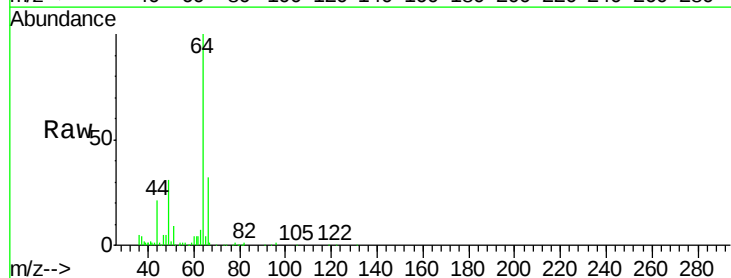
Acq: 01 Jun 2018 11:34

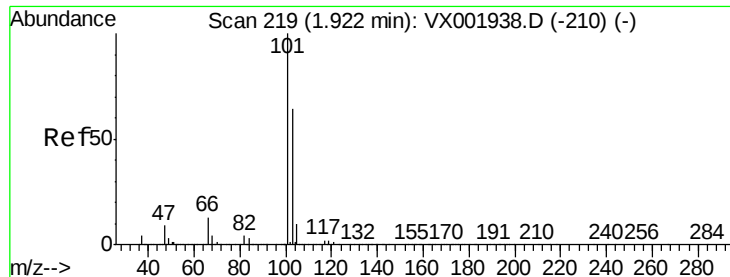
Tgt Ion: 64 Resp: 37988

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



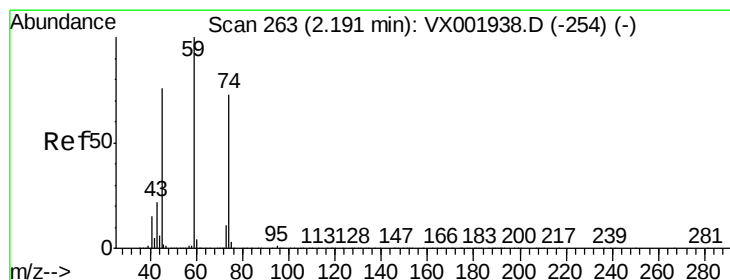
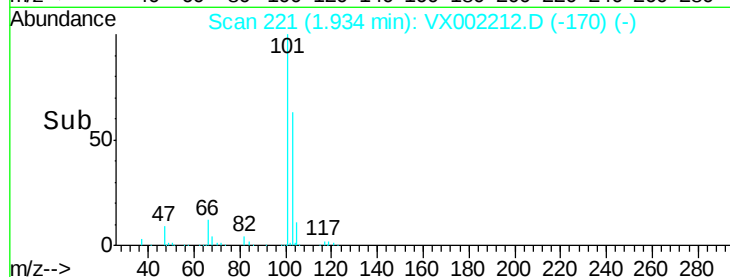
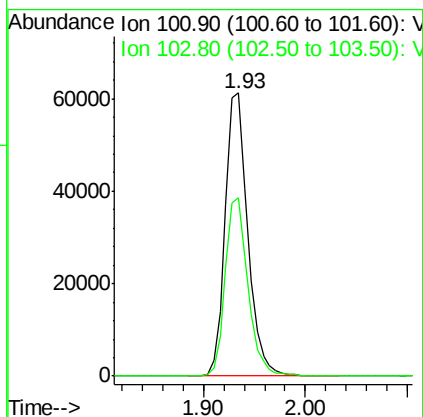
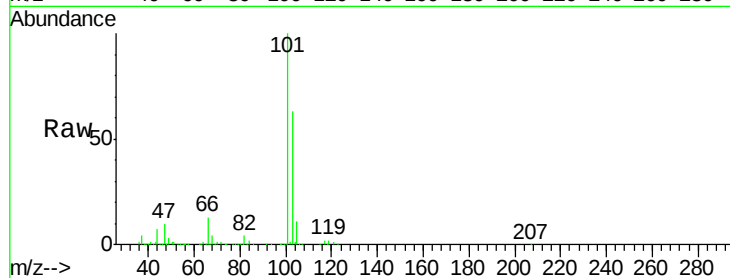


#7

Trichlorofluoromethane
Concen: 21.548 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :

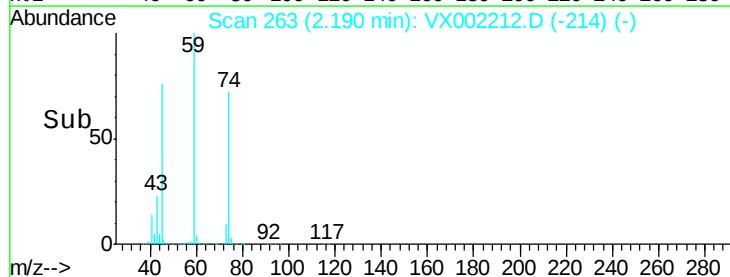
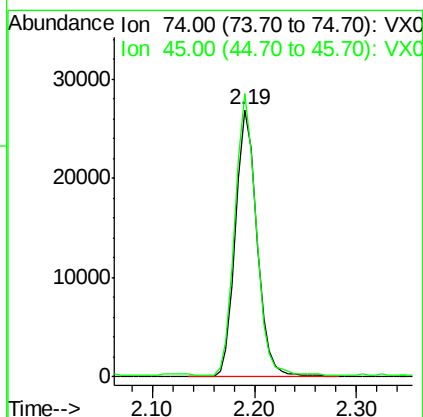
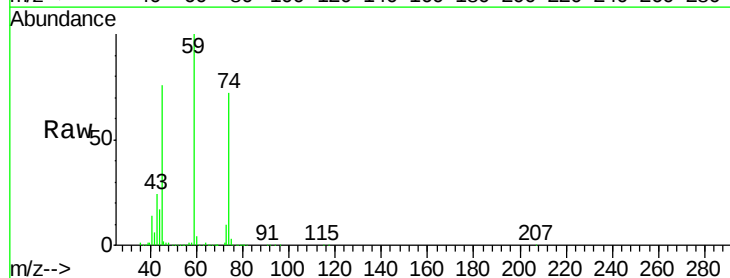
Tot Ion:101 Resp: 93999
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.0

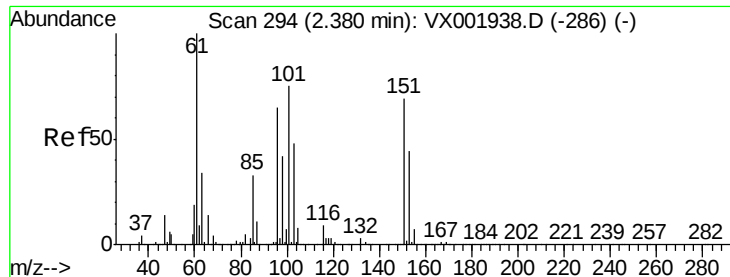


#8

Diethyl Ether
Concen: 24.775 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion: 74 Resp: 39213
Ion Ratio Lower Upper
74 100
45 104.1 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.259 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

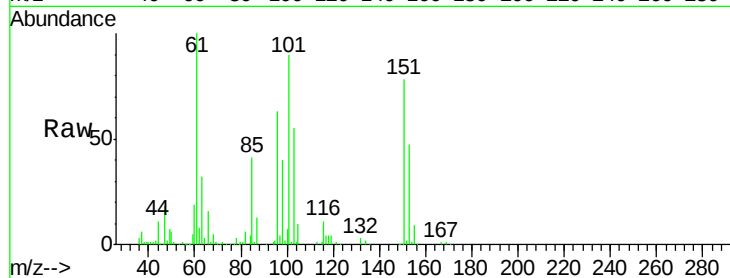
Tot Ion:101 Resp: 54184

Ion Ratio Lower Upper

101 100

85 45.7 35.6 53.4

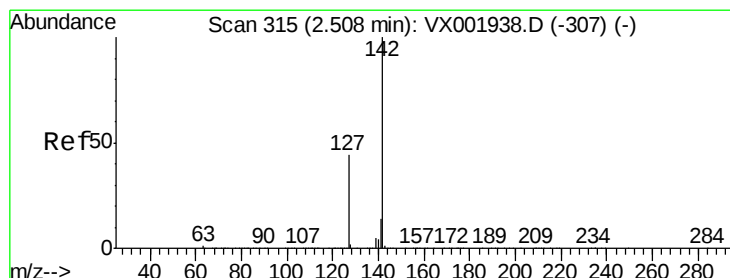
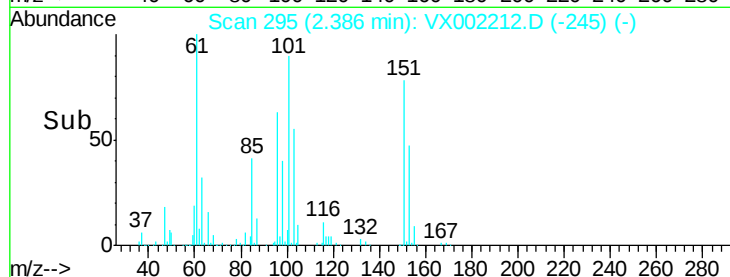
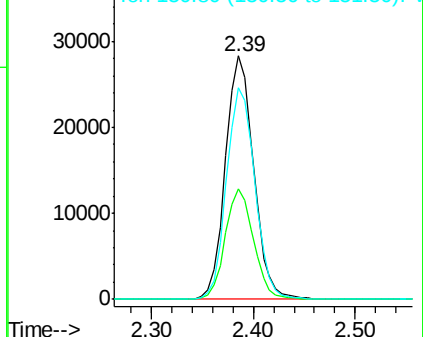
151 87.5 73.2 109.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.453 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

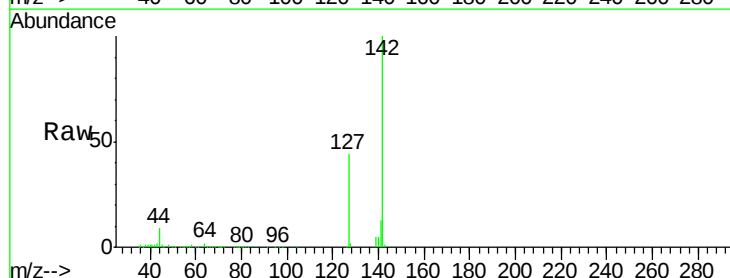
Tgt Ion:142 Resp: 64073

Ion Ratio Lower Upper

142 100

127 45.8 35.5 53.3

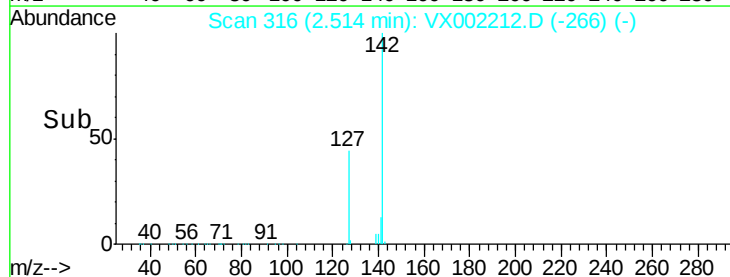
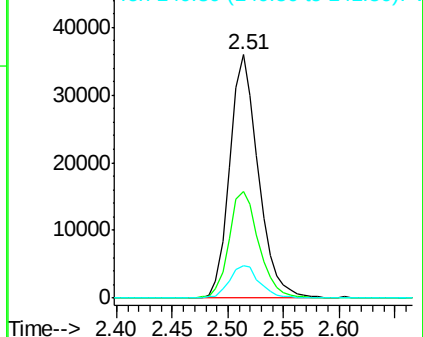
141 13.9 11.3 16.9

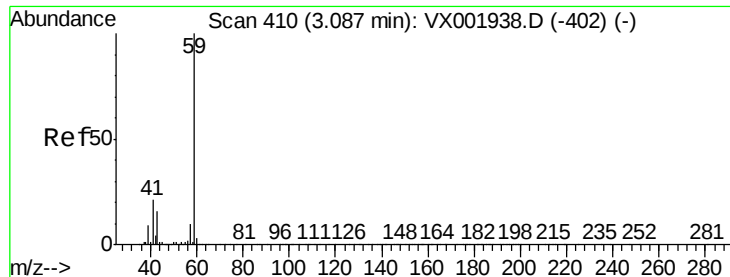


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



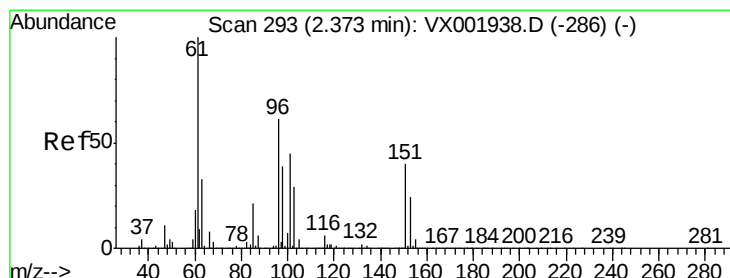
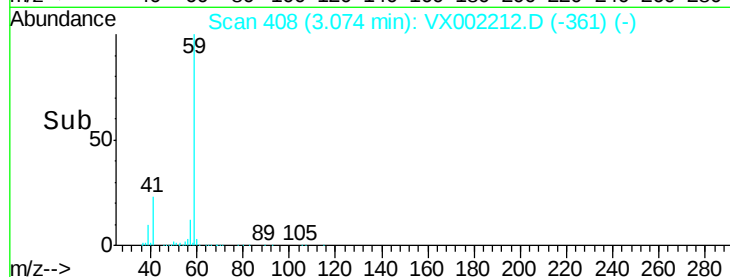
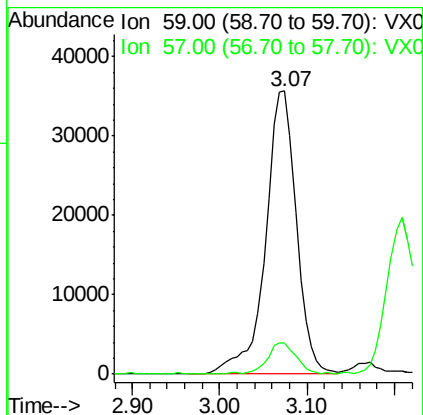
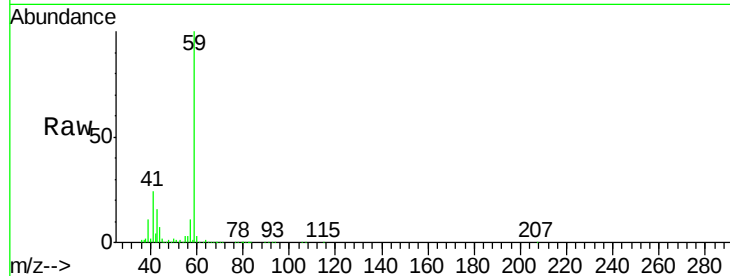


#11

Tert butyl alcohol
Concen: 128.027 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :

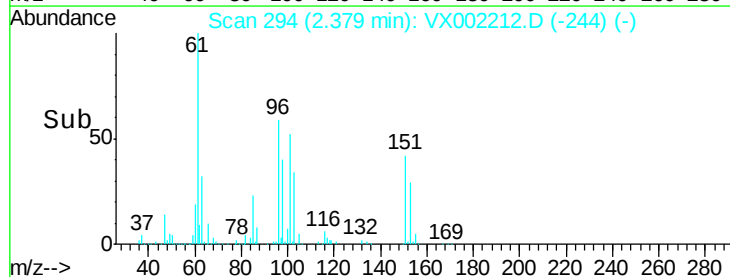
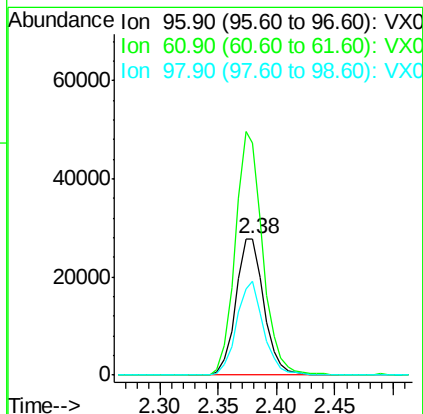
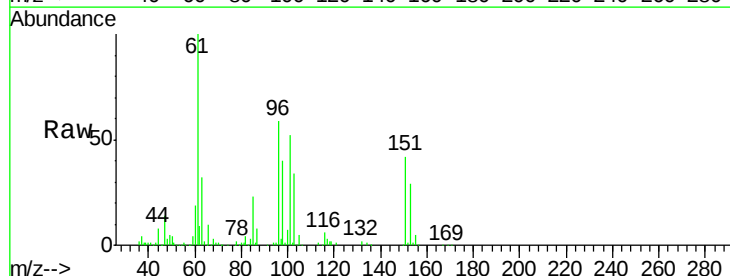
Tot Ion: 59 Resp: 87835
Ion Ratio Lower Upper
59 100
57 10.1 8.9 13.3

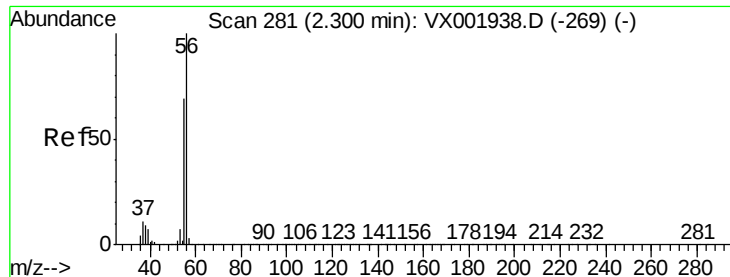


#12

1,1-Dichloroethene
Concen: 20.621 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion: 96 Resp: 46996
Ion Ratio Lower Upper
96 100
61 170.1 131.7 197.5
98 68.5 51.6 77.4





#13

Acrolein

Concen: 82.722 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

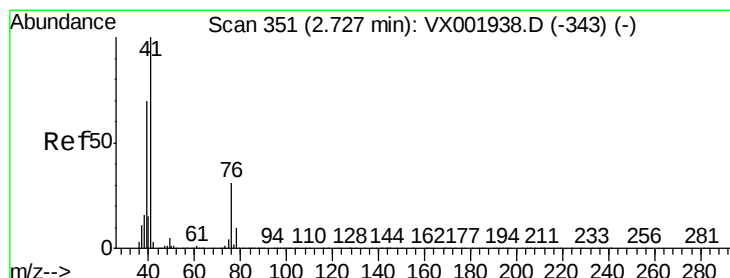
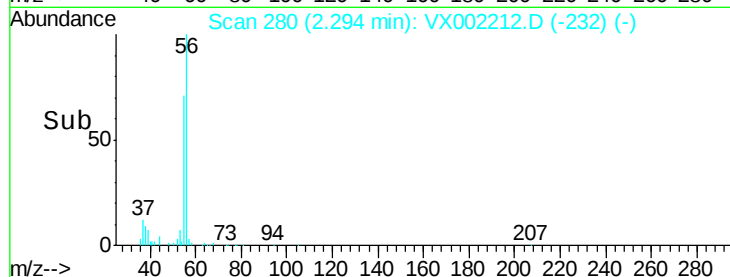
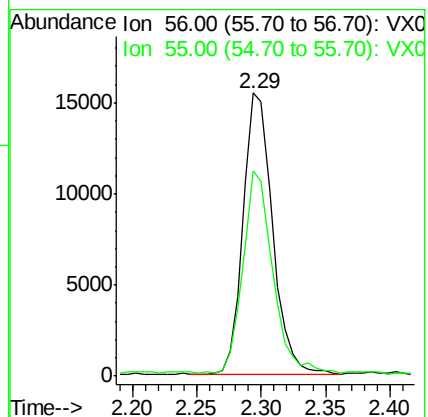
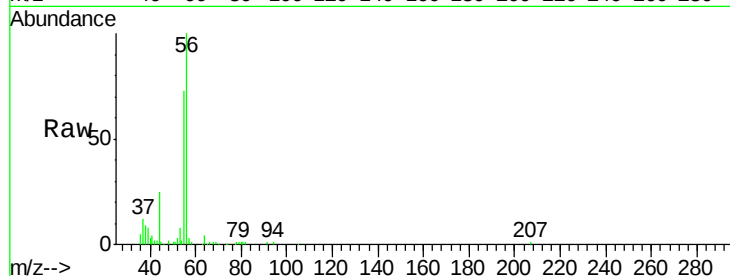
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 24538

Ion Ratio Lower Upper

56 100

55 72.0 56.8 85.2



#14

Allyl chloride

Concen: 22.021 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

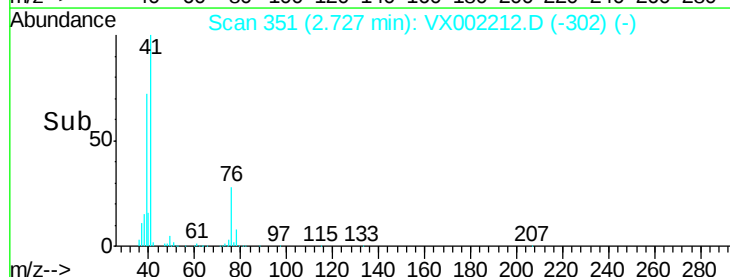
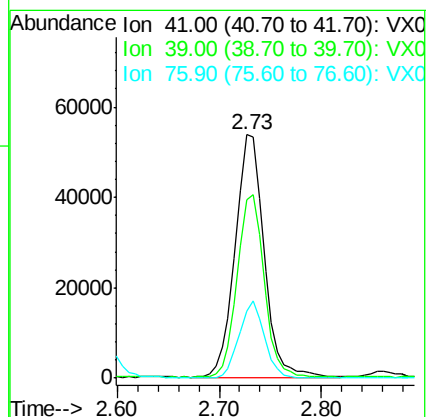
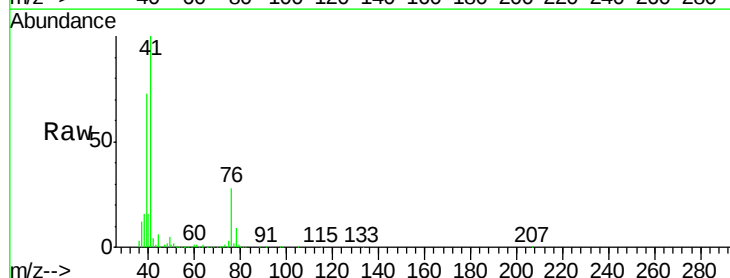
Tgt Ion: 41 Resp: 105348

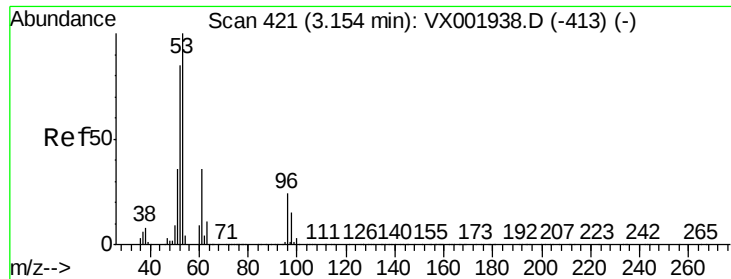
Ion Ratio Lower Upper

41 100

39 70.8 54.3 81.5

76 27.9 24.2 36.4

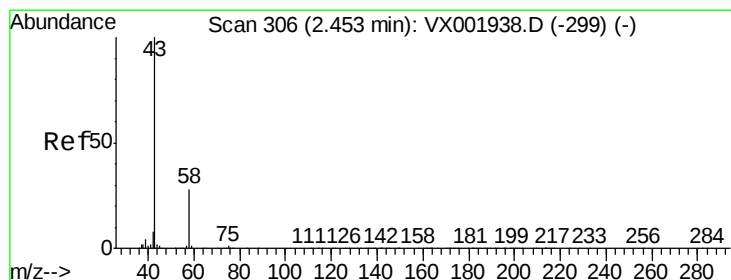
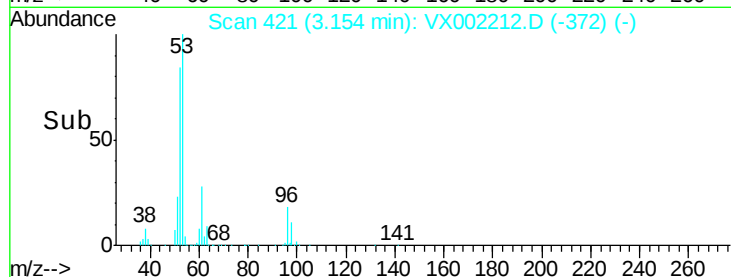
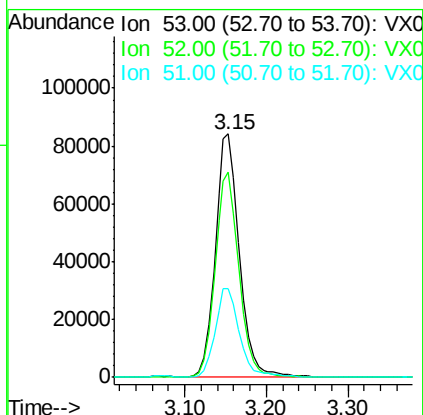
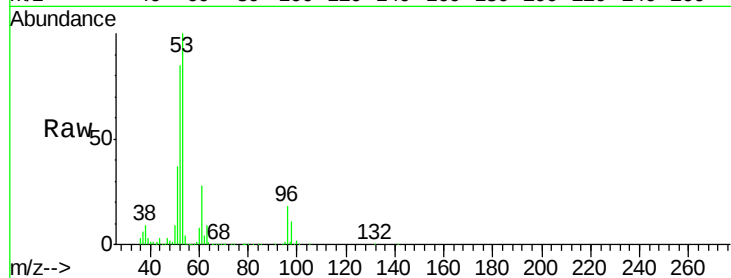




#15
 Acrylonitrile
 Concen: 122.054 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

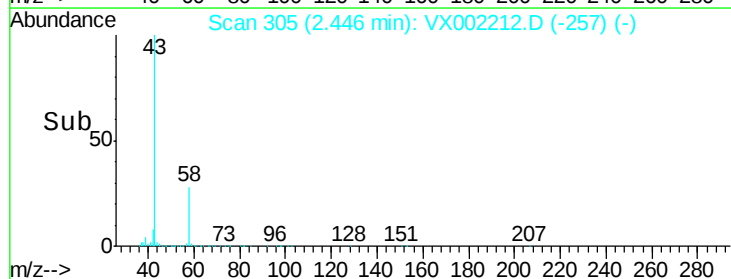
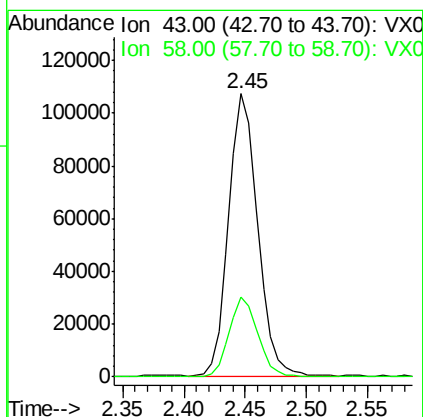
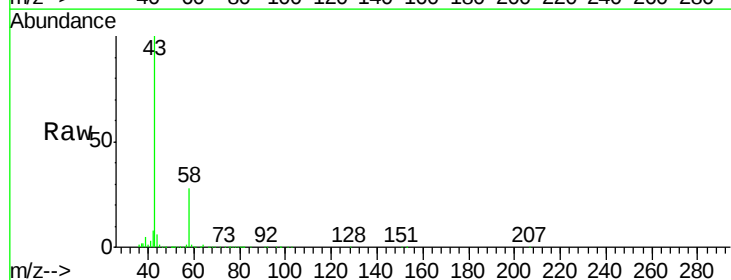
Instrument :
 MSVOA_X
 ClientSampled :

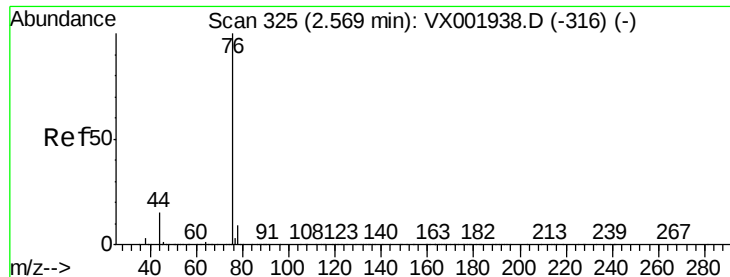
Tot Ion: 53 Resp: 172195
 Ion Ratio Lower Upper
 53 100
 52 83.3 66.4 99.6
 51 37.3 29.3 43.9



#16
 Acetone
 Concen: 129.692 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

Tgt Ion: 43 Resp: 174939
 Ion Ratio Lower Upper
 43 100
 58 28.3 22.3 33.5





#17

Carbon Disulfide

Concen: 15.849 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

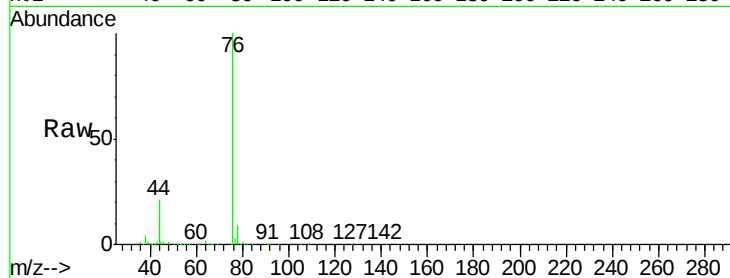
ClientSampleId :

Tot Ion: 76 Resp: 103960

Ion Ratio Lower Upper

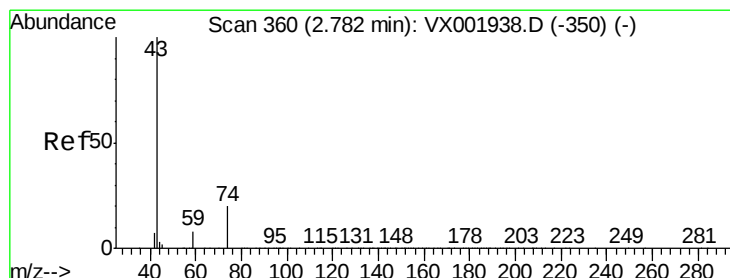
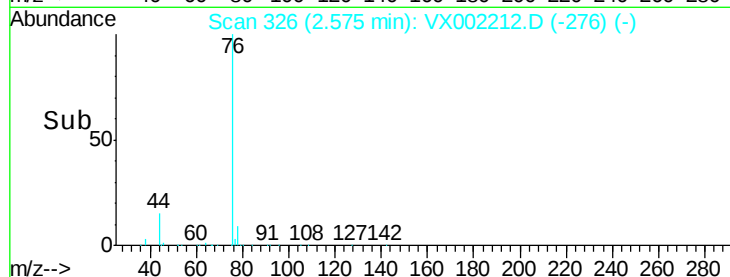
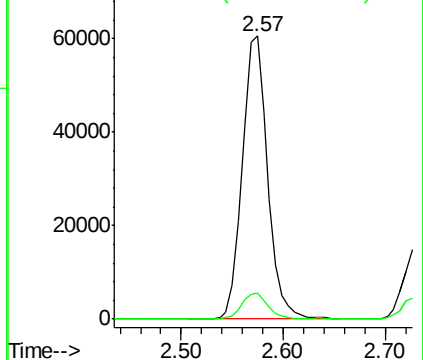
76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 26.402 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002212.D

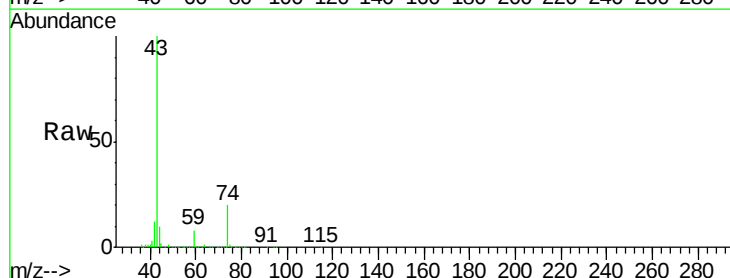
Acq: 01 Jun 2018 11:34

Tgt Ion: 43 Resp: 87535

Ion Ratio Lower Upper

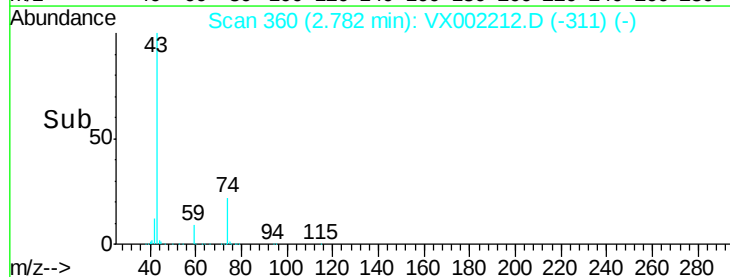
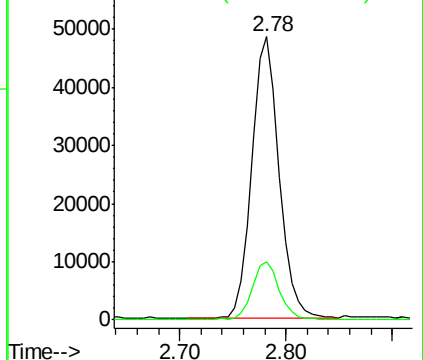
43 100

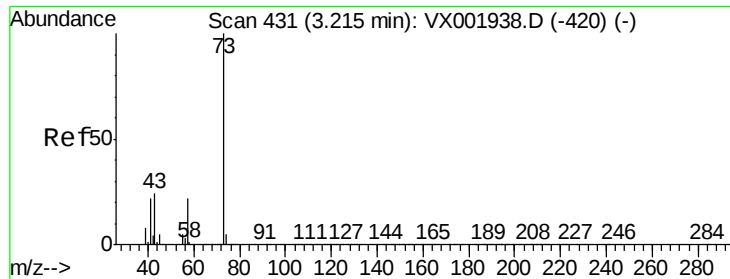
74 21.1 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

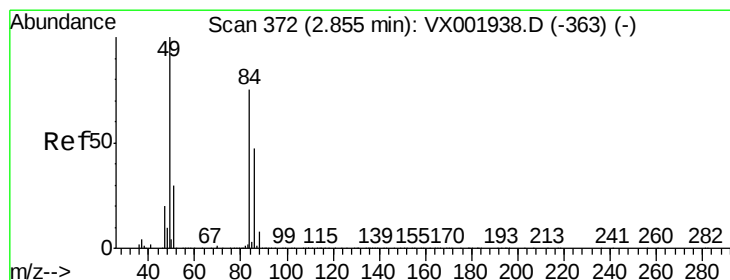
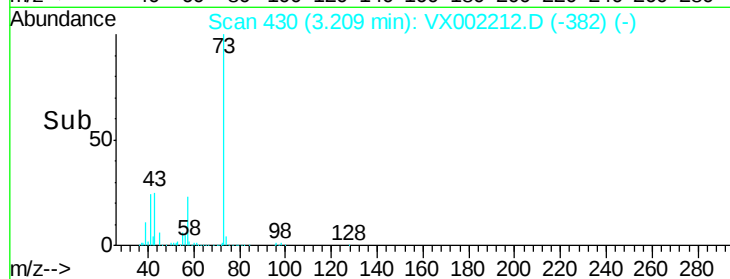
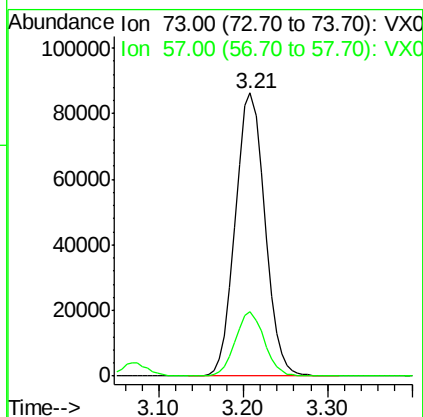
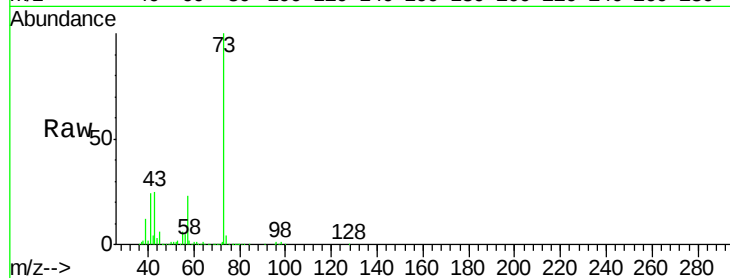




#19
Methvl tert-butvl Ether
Concen: 23.946 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

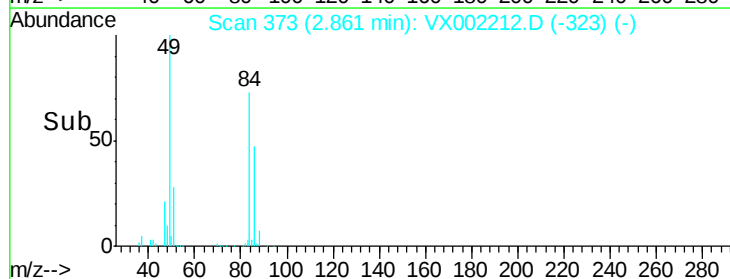
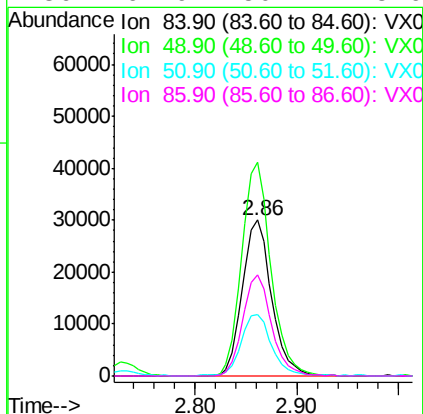
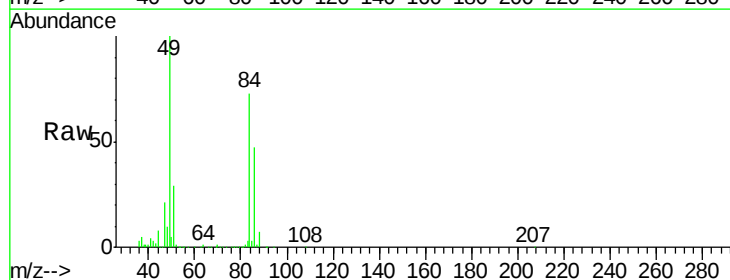
Instrument :
MSVOA_X
ClientSampleId :

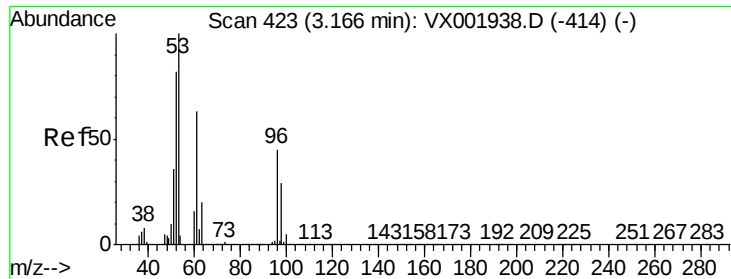
Tot Ion: 73 Resp: 205264
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.0



#20
Methylene Chloride
Concen: 24.833 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion: 84 Resp: 59957
Ion Ratio Lower Upper
84 100
49 137.2 107.2 160.8
51 39.3 32.4 48.6
86 64.9 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 22.747 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

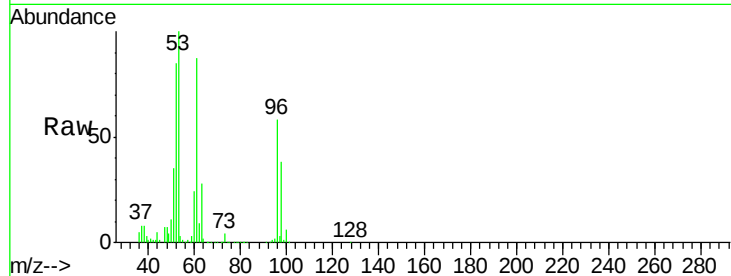
Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 52381

Ion	Ratio	Lower	Upper
96	100		
61	151.0	113.3	169.9
98	66.1	51.7	77.5

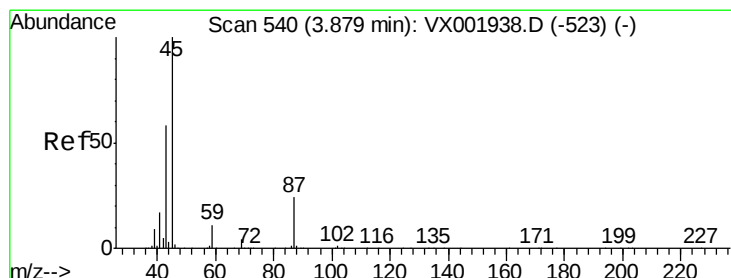
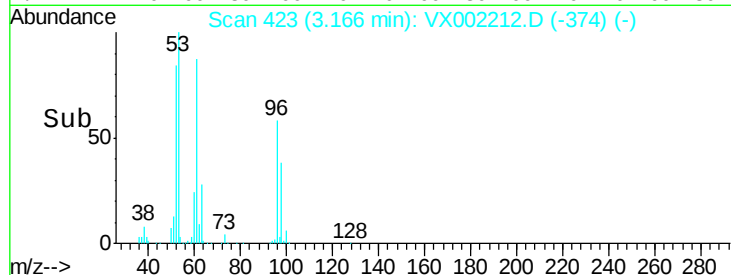
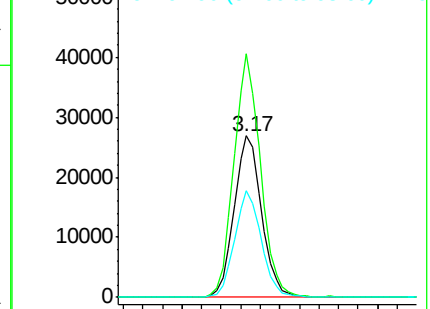


Abundance

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: 19.846 ug/l

RT: 3.87 min Scan# 539

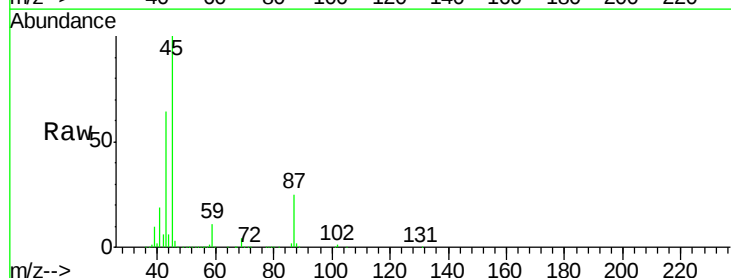
Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Tgt Ion: 45 Resp: 193120

Ion	Ratio	Lower	Upper
45	100		
43	62.7	47.0	70.6
87	24.8	19.4	29.0
59	11.2	8.5	12.7



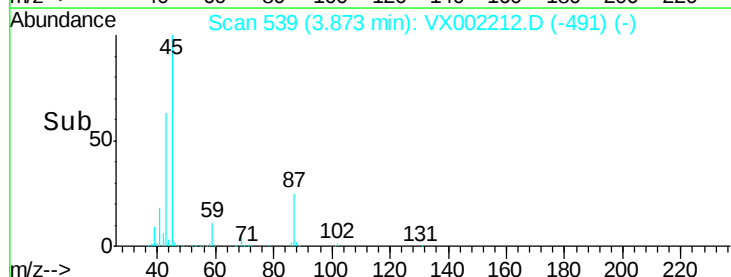
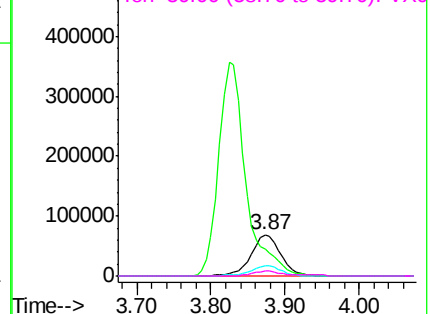
Abundance

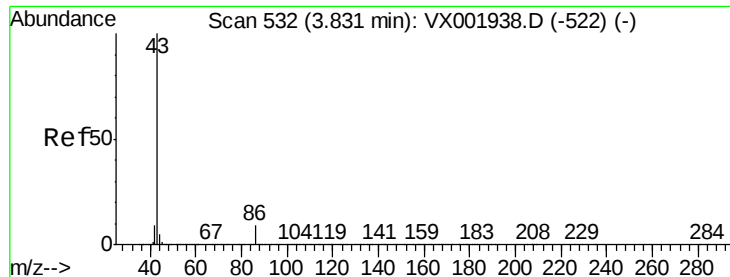
Ion 45.00 (44.70 to 45.70): VX0

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: 112.588 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

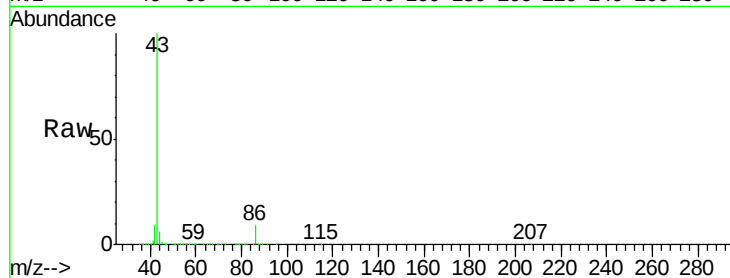
ClientSampleId :

Tot Ion: 43 Resp: 908362

Ion Ratio Lower Upper

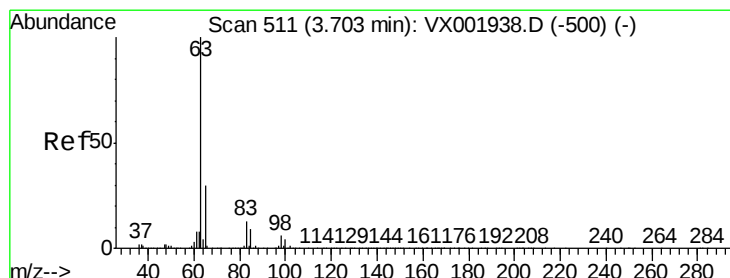
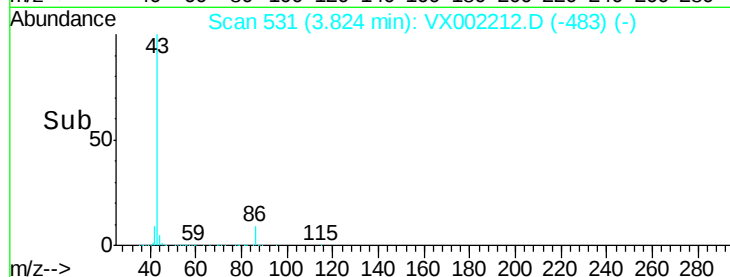
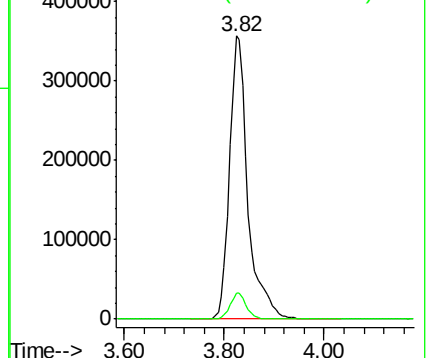
43 100

86 9.2 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 23.515 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

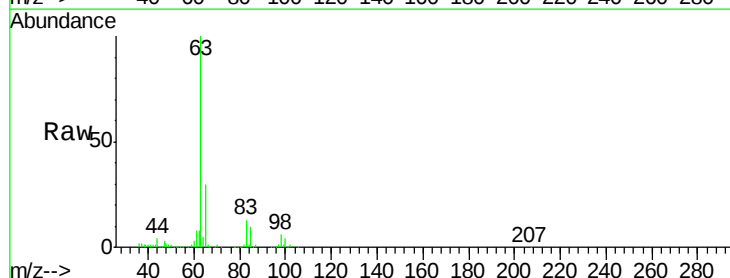
Tgt Ion: 63 Resp: 108696

Ion Ratio Lower Upper

63 100

98 5.6 3.3 9.8

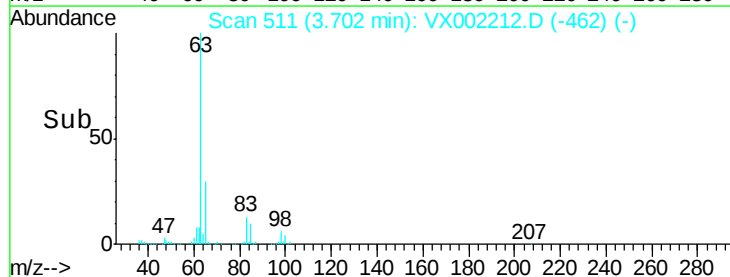
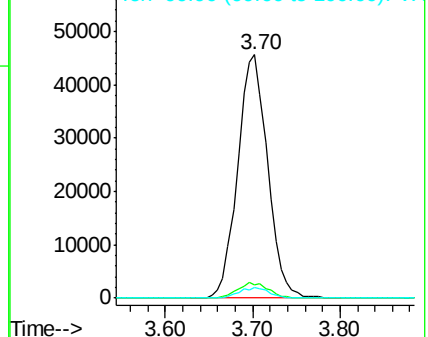
100 4.4 2.1 6.5

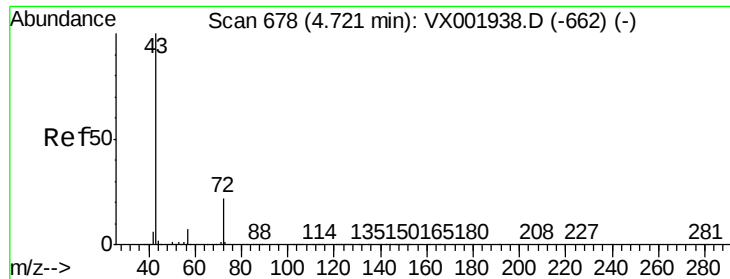


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.341 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

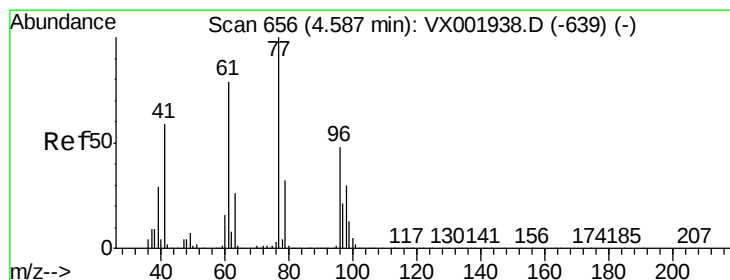
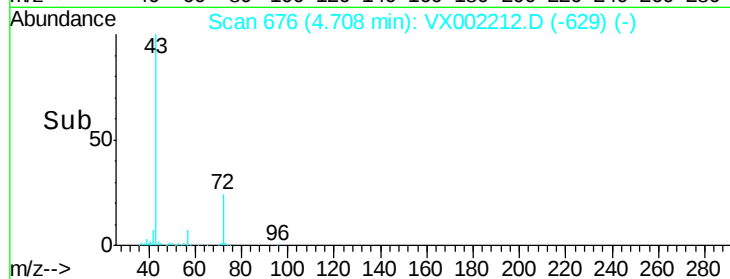
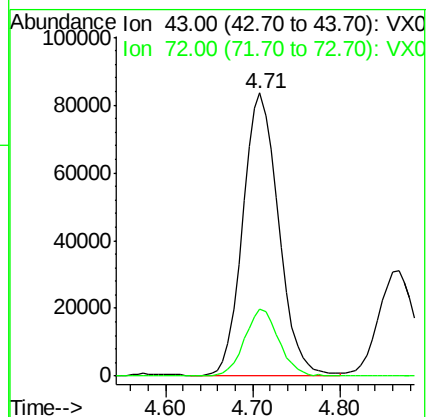
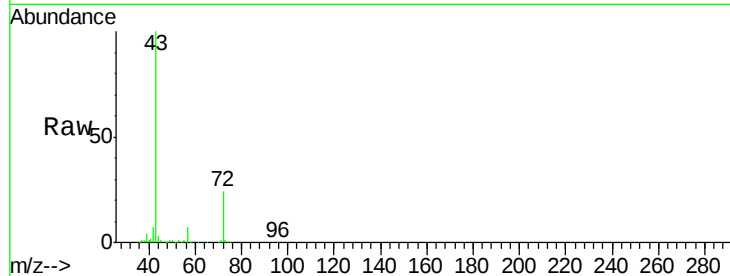
ClientSampleId :

Tot Ion: 43 Resp: 235705

Ion Ratio Lower Upper

43 100

72 23.5 17.9 26.9



#26

2,2-Dichloropropane

Concen: 16.051 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002212.D

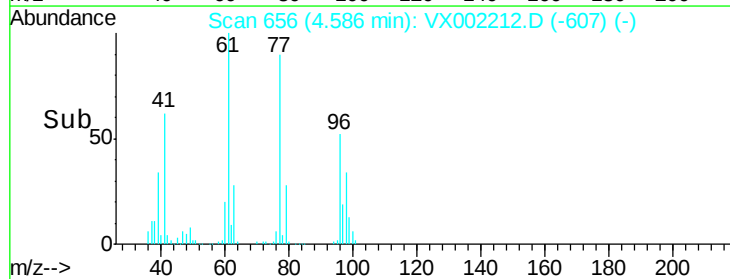
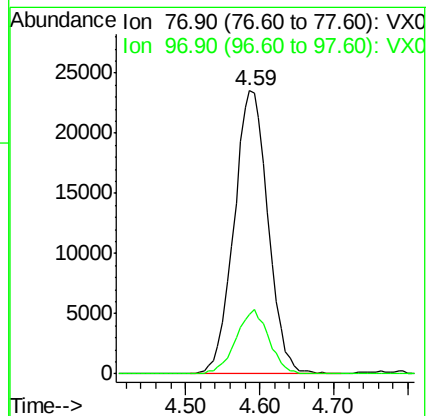
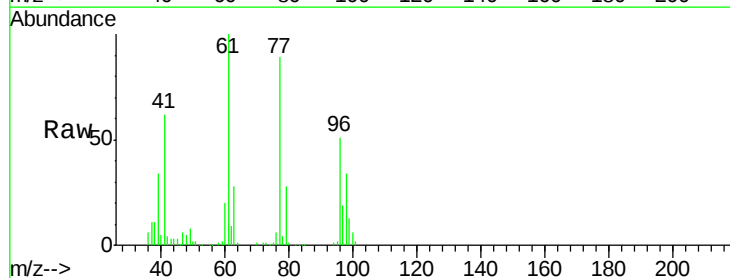
Acq: 01 Jun 2018 11:34

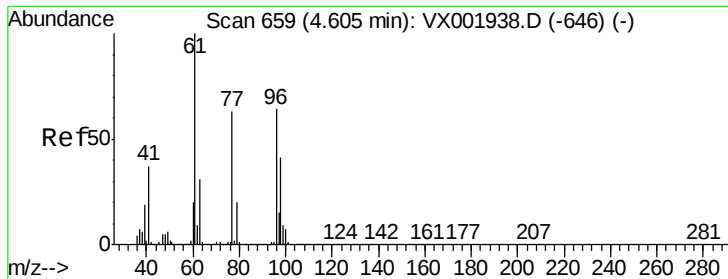
Tgt Ion: 77 Resp: 75097

Ion Ratio Lower Upper

77 100

97 21.9 11.2 33.5



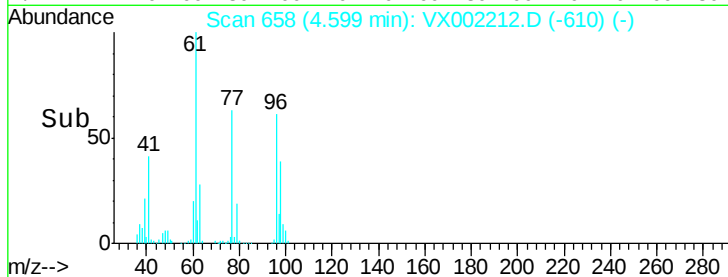
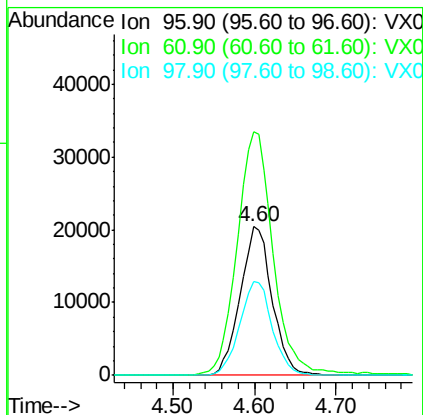
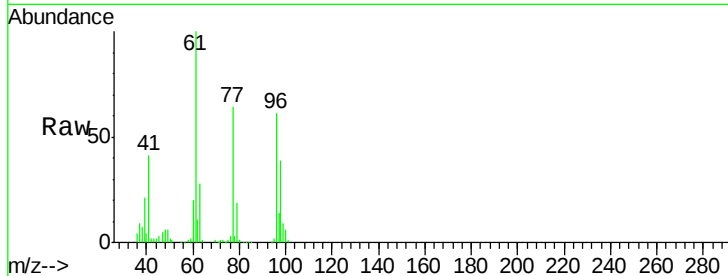


#27

cis-1,2-Dichloroethene
 Concen: 18.665 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

Instrument :
 MSVOA_X
 ClientSampleId :

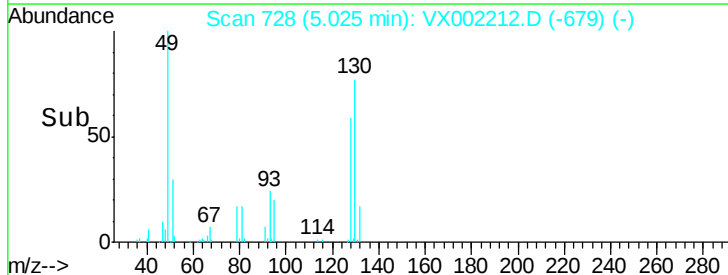
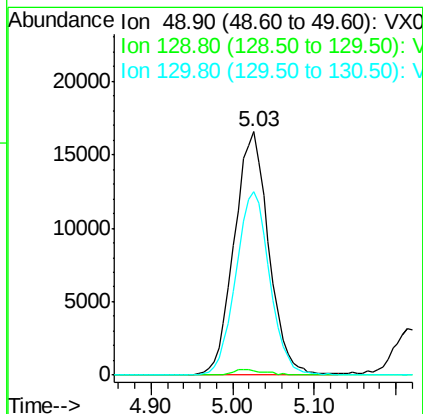
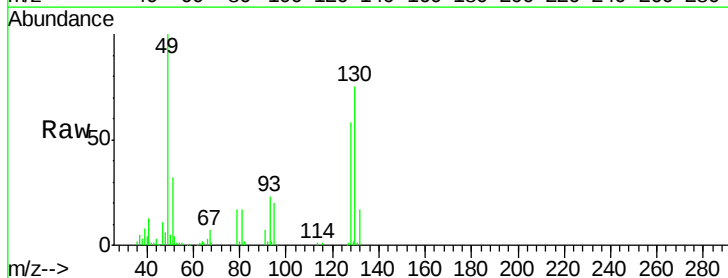
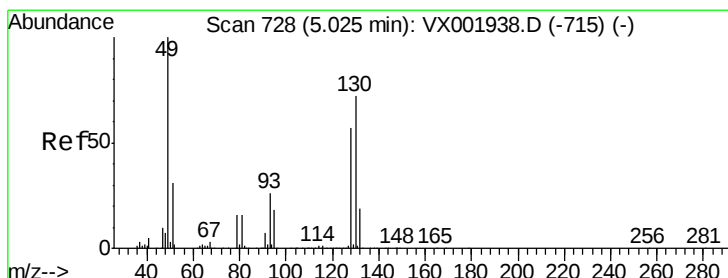
Tot Ion	Ratio	Lower	Upper
96	100		
61	185.6	0.0	348.4
98	64.1	0.0	128.6

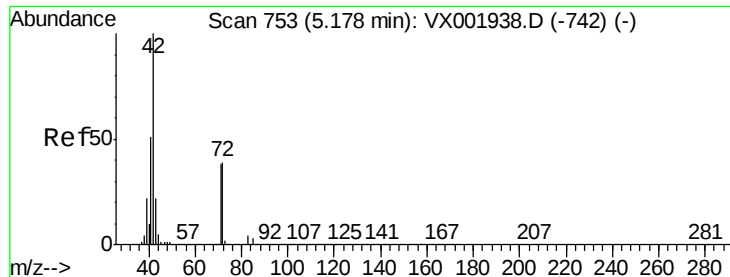


#28

Bromochloromethane
 Concen: 23.951 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	74.2	59.4	89.2





#29

Tetrahydrofuran

Concen: 94.270 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

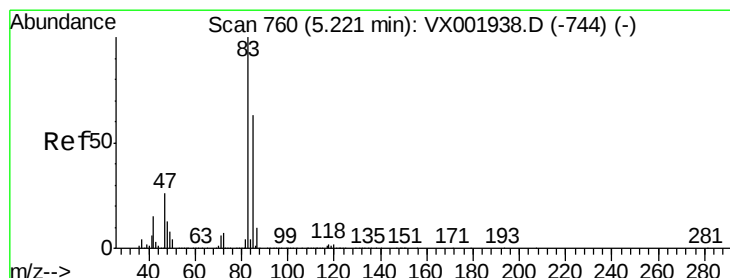
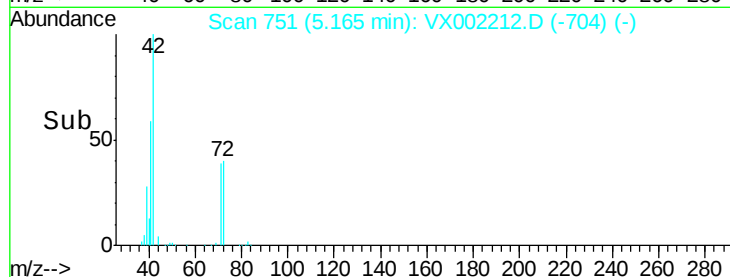
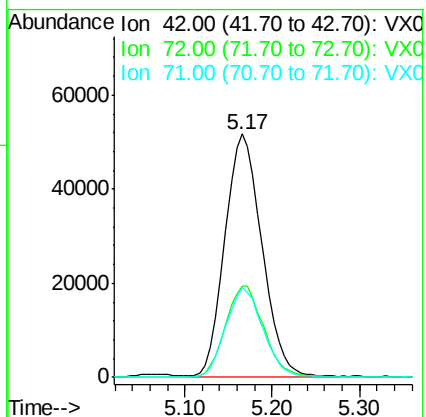
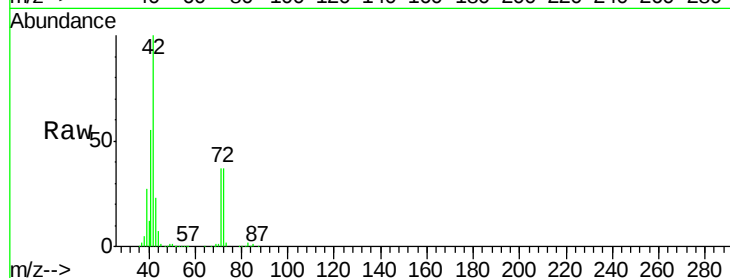
Tot Ion: 42 Resp: 151631

Ion Ratio Lower Upper

42 100

72 39.3 31.4 47.0

71 37.7 29.5 44.3



#30

Chloroform

Concen: 19.121 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002212.D

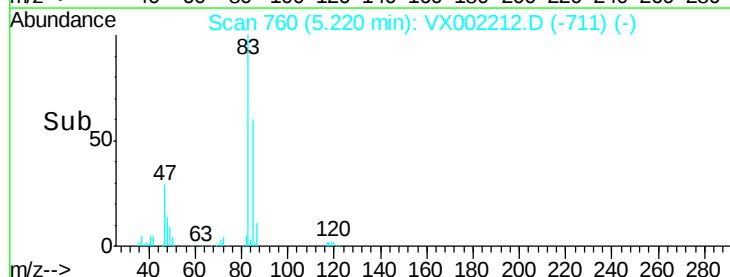
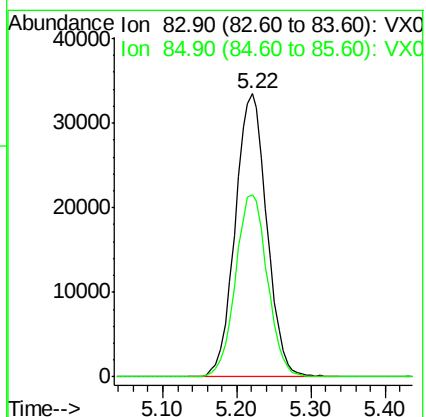
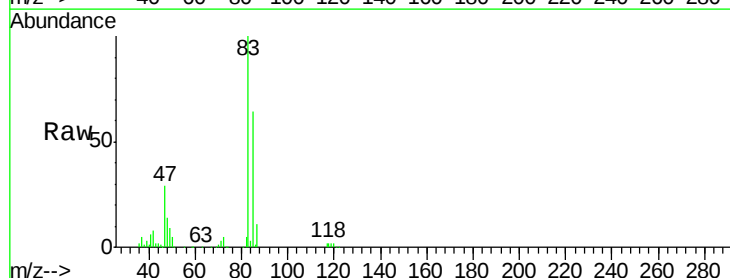
Acq: 01 Jun 2018 11:34

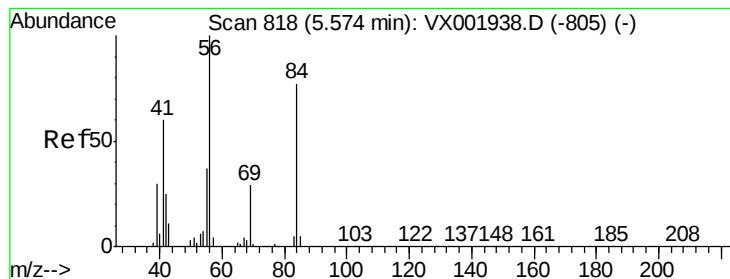
Tgt Ion: 83 Resp: 99577

Ion Ratio Lower Upper

83 100

85 64.3 50.9 76.3





#31

Cyclohexane

Concen: 17.368 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampled :

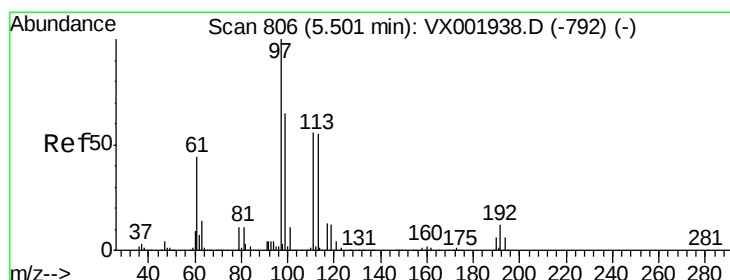
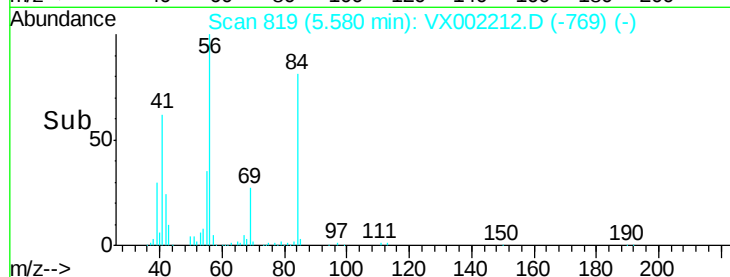
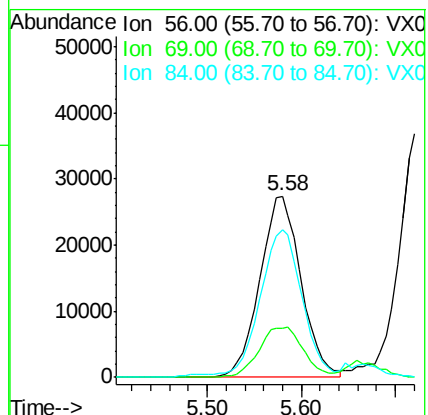
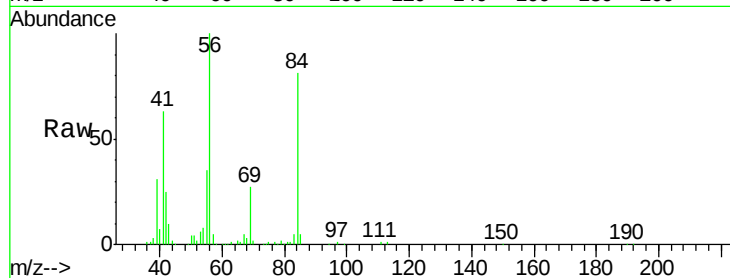
Tot Ion: 56 Resp: 83644

Ion Ratio Lower Upper

56 100

69 27.4 23.1 34.7

84 79.3 62.0 93.0



#32

1,1,1-Trichloroethane

Concen: 16.973 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

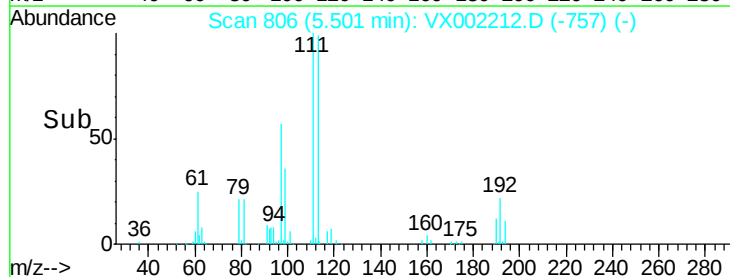
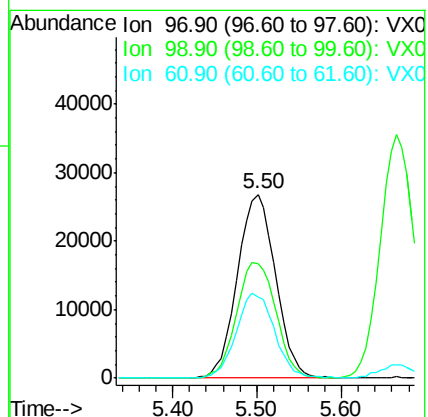
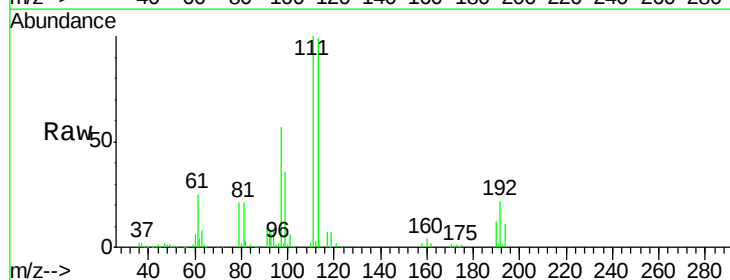
Tgt Ion: 97 Resp: 82405

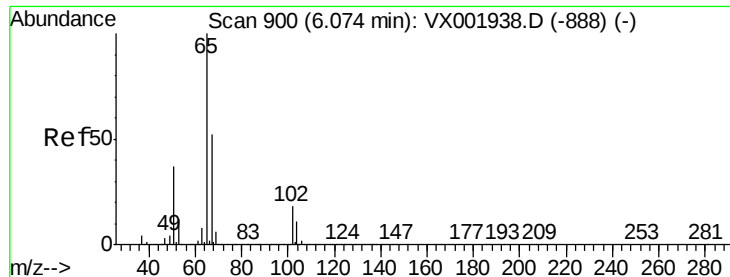
Ion Ratio Lower Upper

97 100

99 65.1 51.9 77.9

61 46.4 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 54.065 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

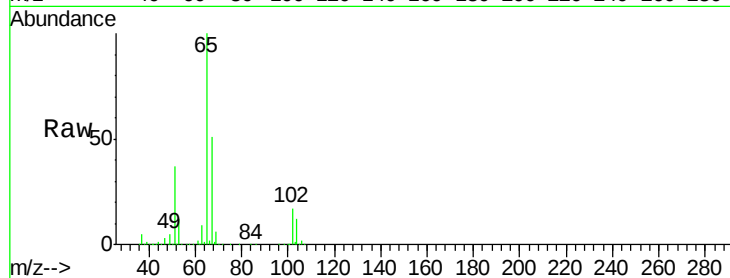
ClientSampleId :

Tot Ion: 65 Resp: 188964

Ion Ratio Lower Upper

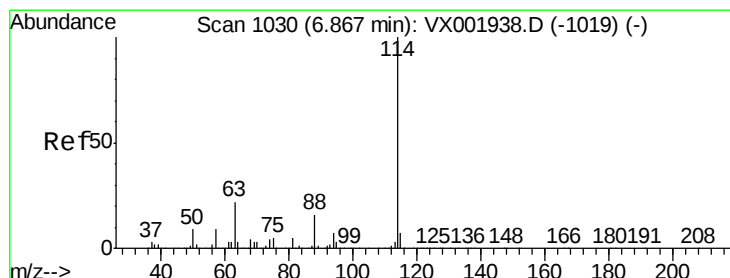
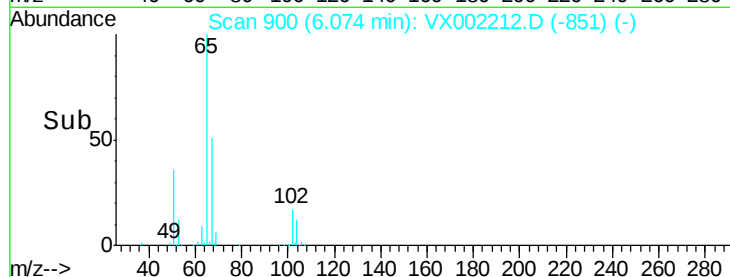
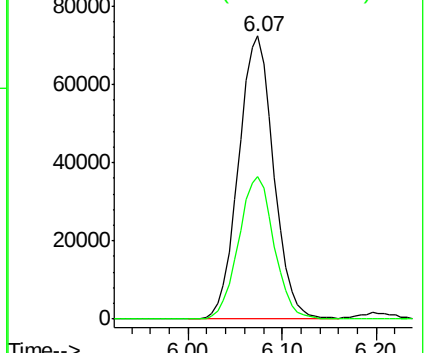
65 100

67 50.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

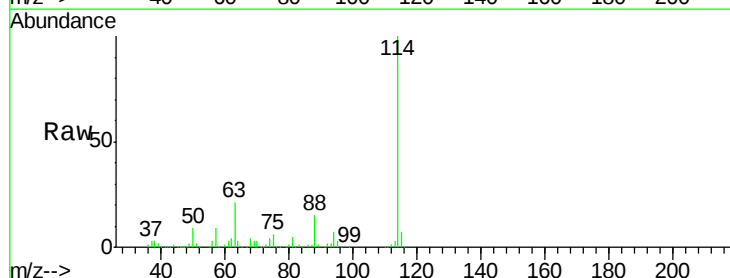
Tgt Ion: 114 Resp: 273127

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

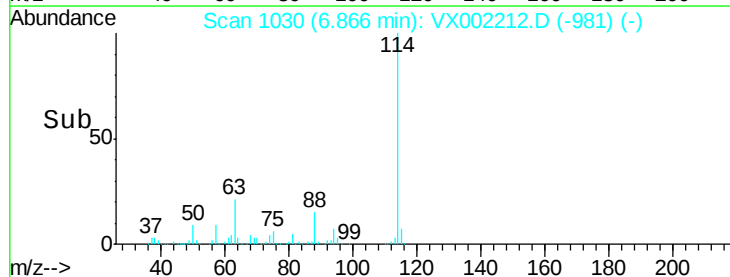
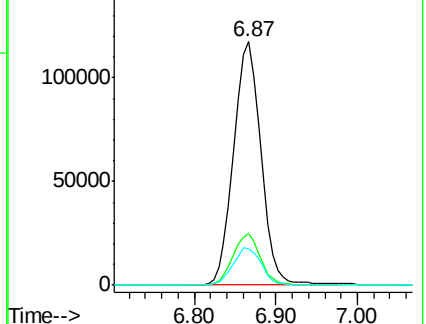
88 15.1 0.0 31.6

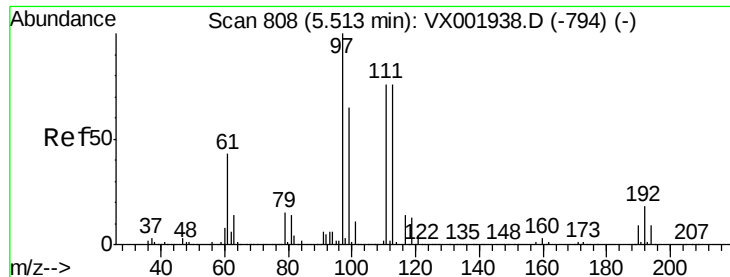


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.559 ug/l

RT: 5.51 min Scan# 807

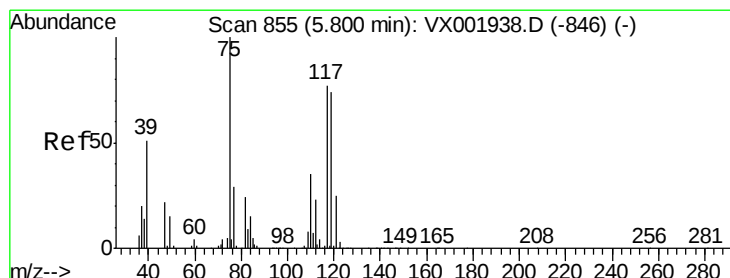
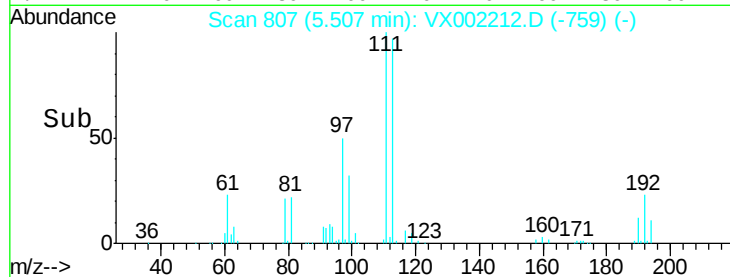
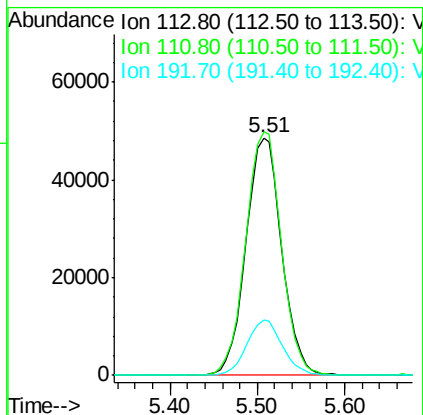
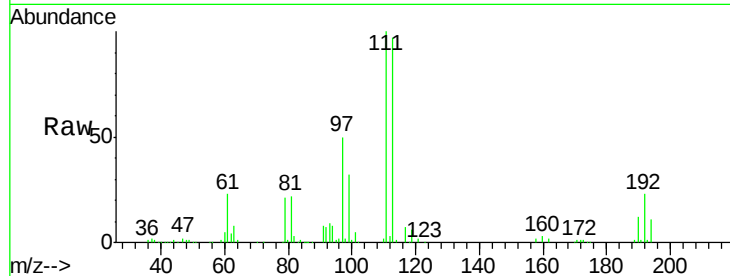
Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:113	Resp:	138091
Ion Ratio	Lower	Upper
113	100	
111	102.4	82.0 123.0
192	23.2	18.9 28.3



#36

1,1-Dichloropropene

Concen: 17.880 ug/l

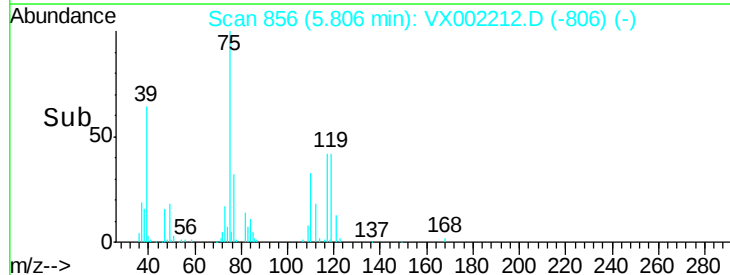
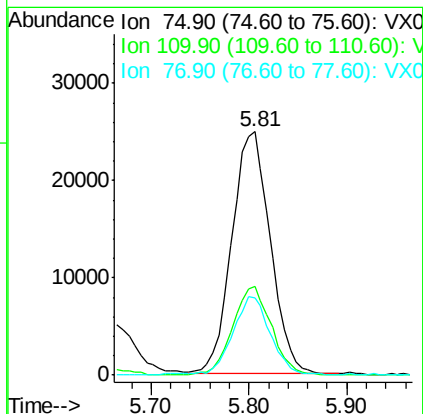
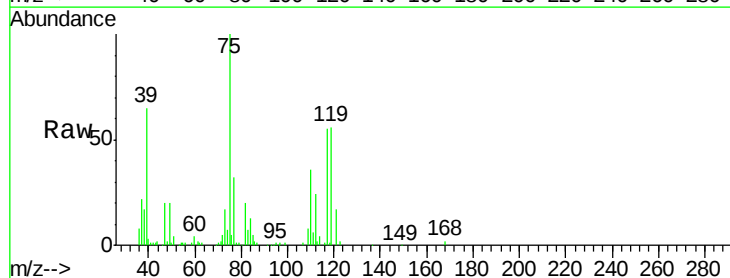
RT: 5.81 min Scan# 856

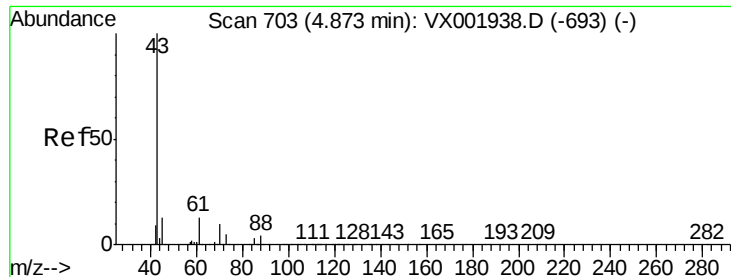
Delta R.T. 0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Tgt Ion: 75	Resp:	67927
Ion Ratio	Lower	Upper
75	100	
110	36.8	17.4 52.2
77	32.3	24.4 36.6

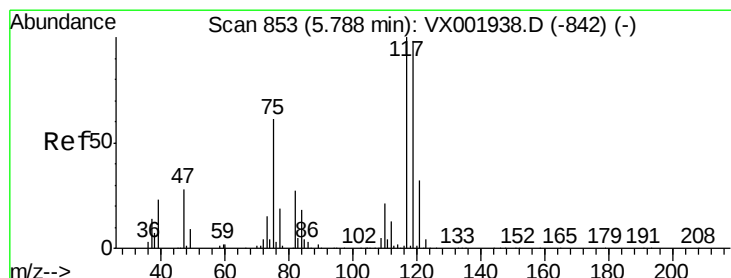
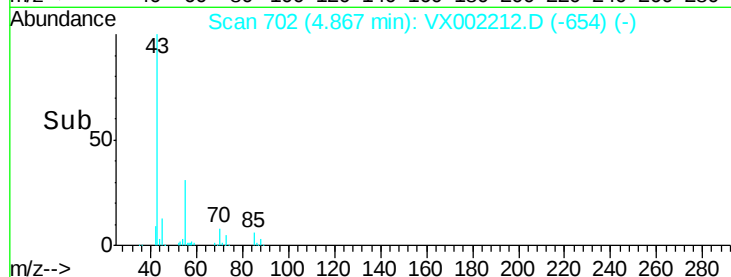
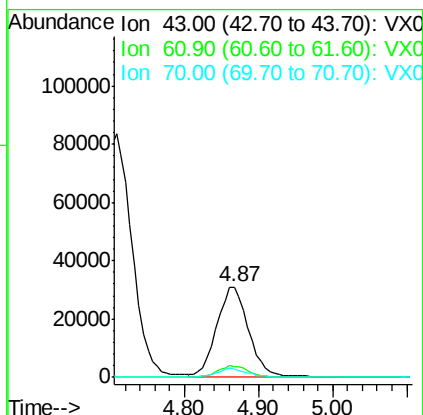
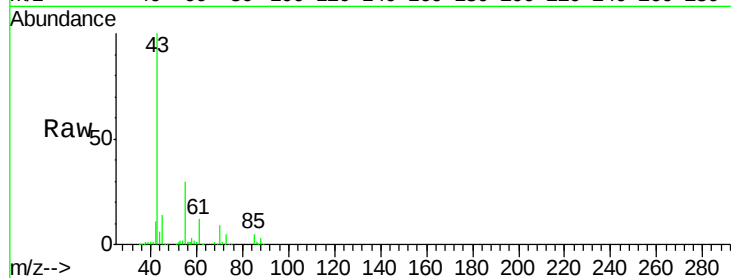




#37
Ethyl Acetate
Concen: 18.374 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

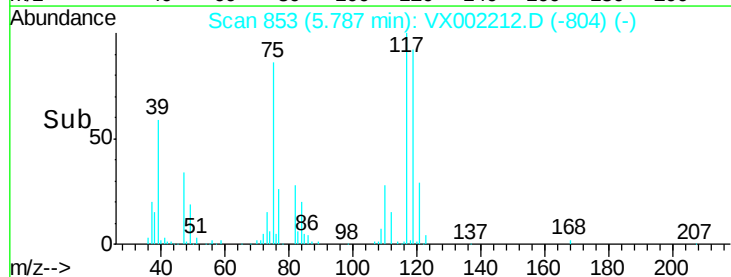
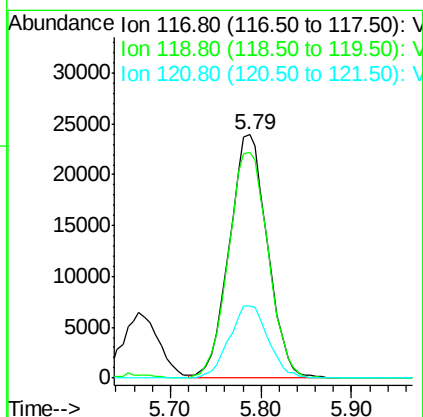
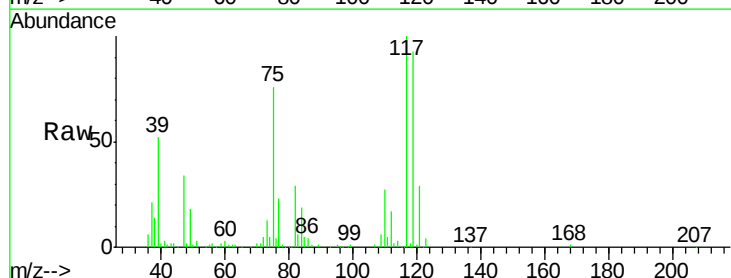
Instrument :
MSVOA_X
ClientSampled :

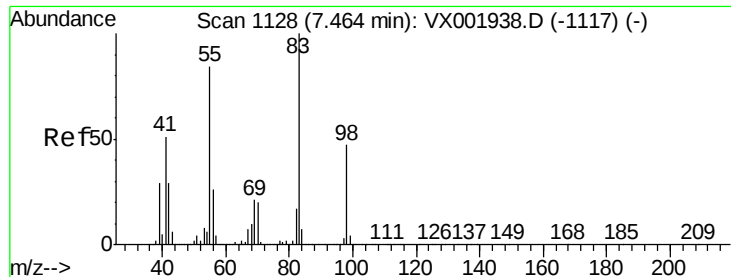
Tot Ion: 43 Resp: 91006
Ion Ratio Lower Upper
43 100
61 12.0 10.2 15.2
70 9.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 15.793 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion: 117 Resp: 69965
Ion Ratio Lower Upper
117 100
119 92.7 78.5 117.7
121 29.4 25.5 38.3

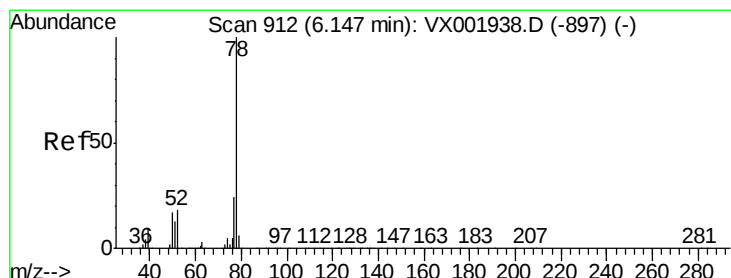
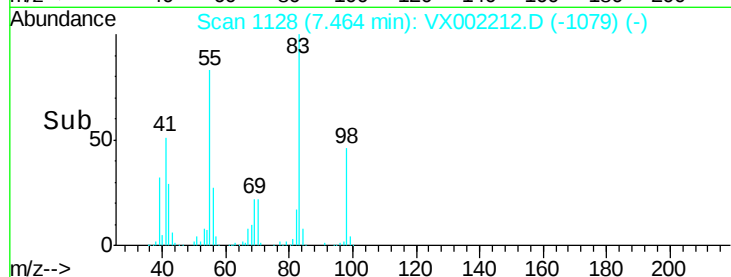
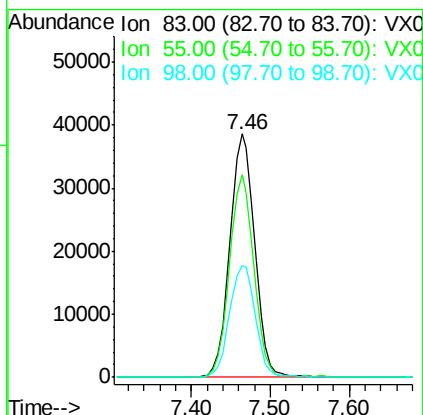
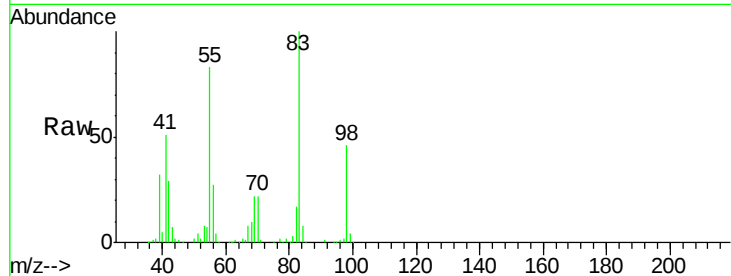




#39
Methvlcvclohexane
Concen: 18.183 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

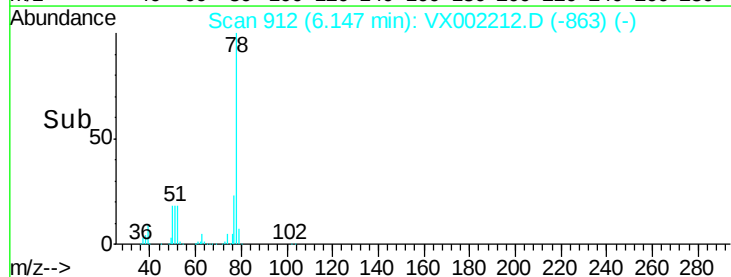
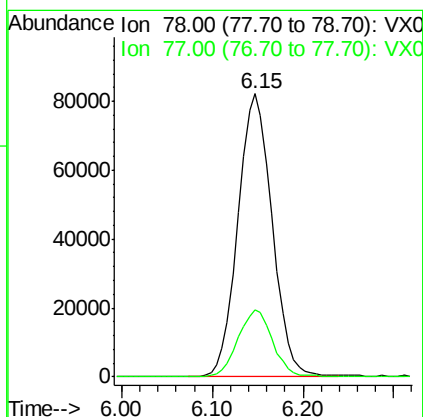
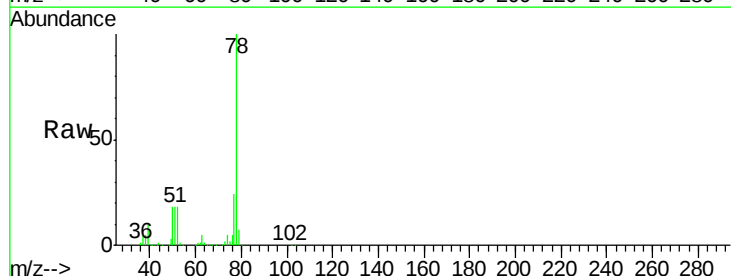
Instrument :
MSVOA_X
ClientSampled :

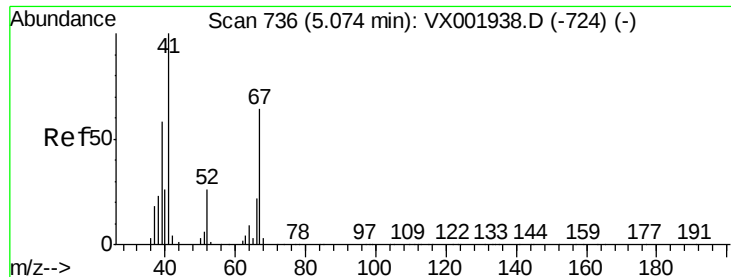
Tot Ion: 83 Resp: 84865
Ion Ratio Lower Upper
83 100
55 83.2 67.3 100.9
98 45.9 37.5 56.3



#40
Benzene
Concen: 19.332 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion: 78 Resp: 215163
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7

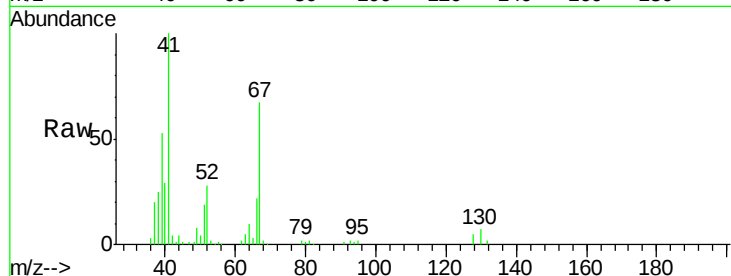




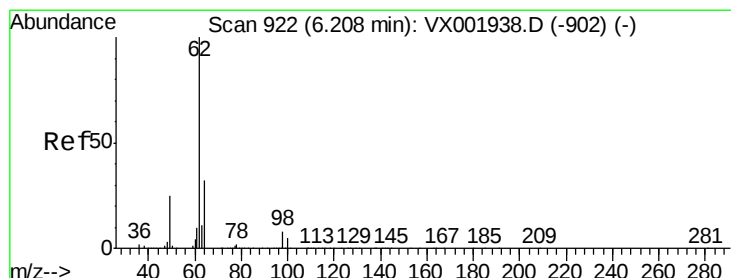
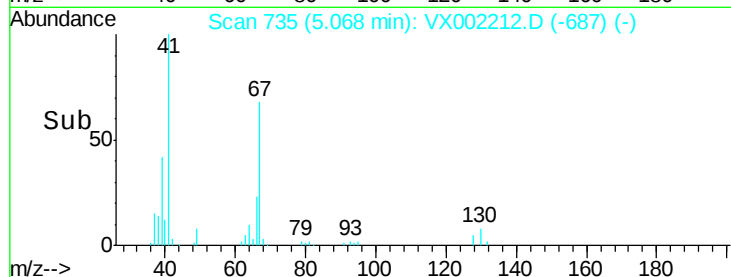
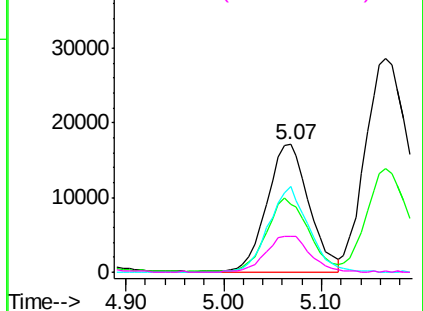
#41
Methacrylonitrile
Concen: 18.671 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	51029
Ion	Ratio	Lower	Upper
41	100		
39	56.8	46.0	69.0
67	64.5	50.6	75.8
52	29.9	21.9	32.9

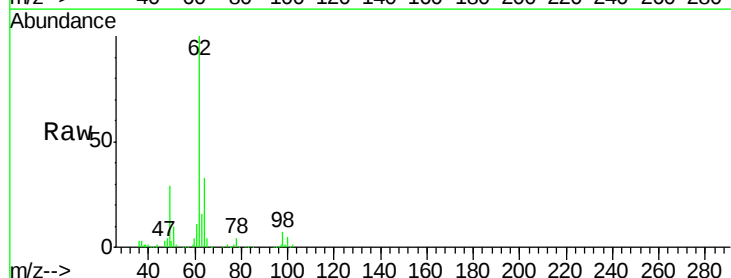


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

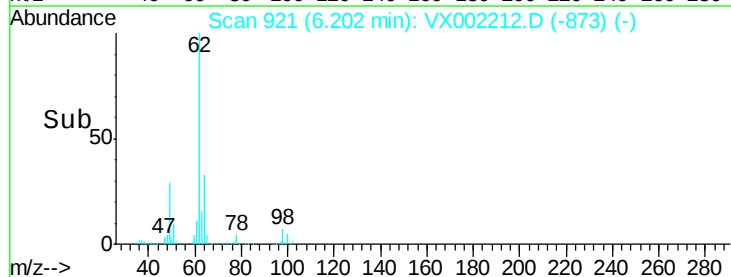
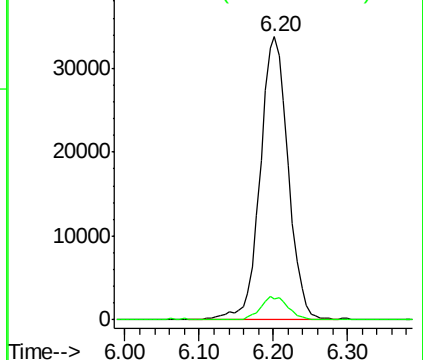


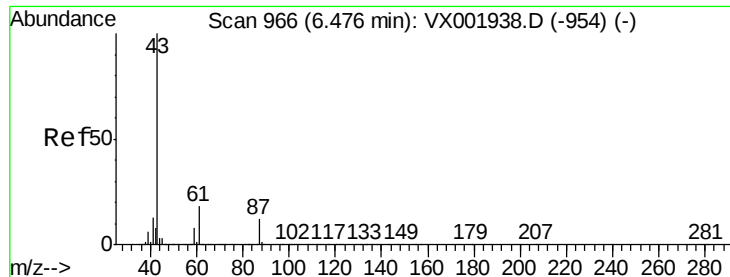
#42
1,2-Dichloroethane
Concen: 19.843 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion:	62	Resp:	88220
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.0



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



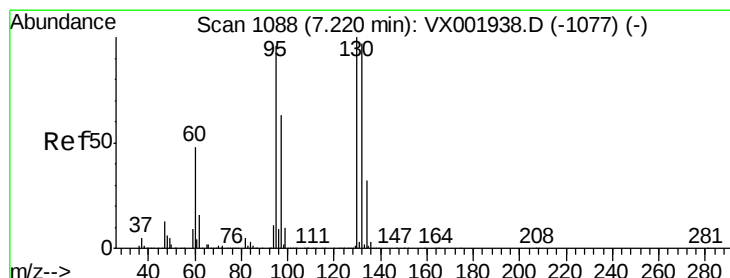
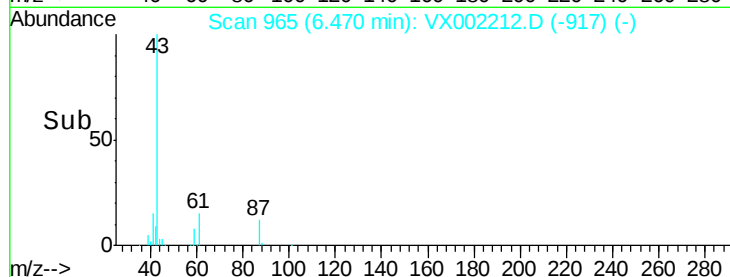
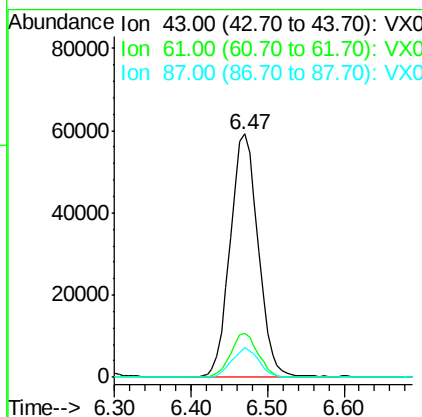
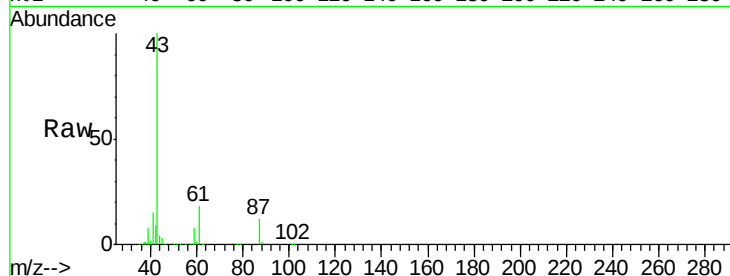


#43

Isopropyl Acetate
 Concen: 18.149 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

Instrument :
 MSVOA_X
 ClientSampleId :

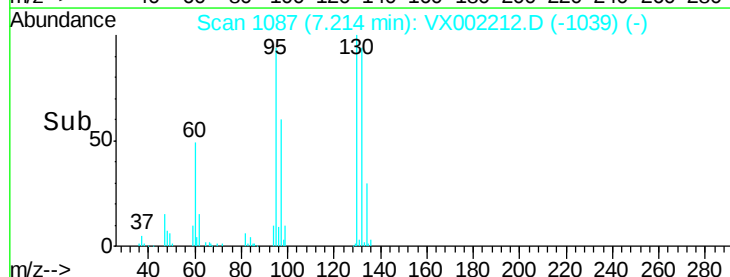
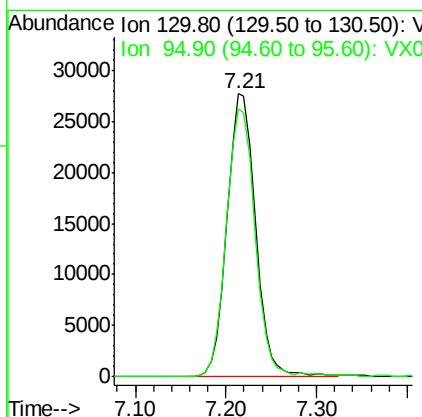
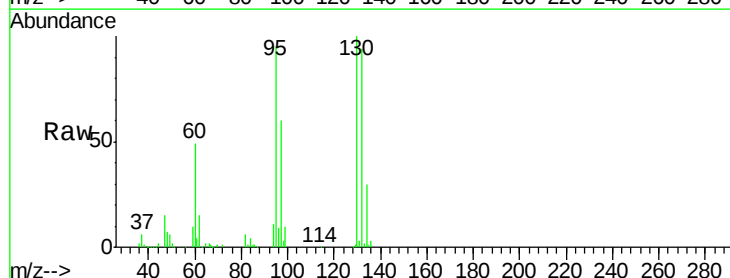
Tot Ion	43	Resp	149779
Ion Ratio	Lower	Upper	
43	100		
61	17.8	14.5	21.7
87	11.8	9.5	14.3

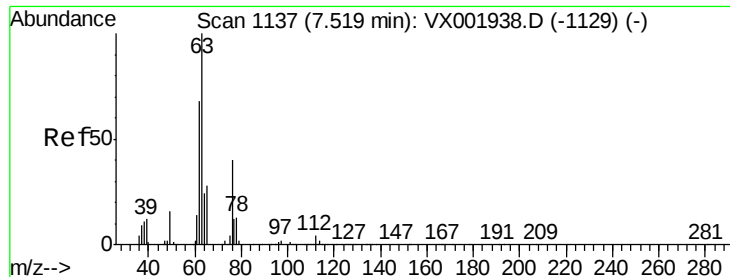


#44

Trichloroethene
 Concen: 18.723 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

Tgt Ion	130	Resp	60726
Ion Ratio	Lower	Upper	
130	100		
95	94.6	0.0	192.0





#45

1,2-Dichloropropane

Concen: 19.171 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

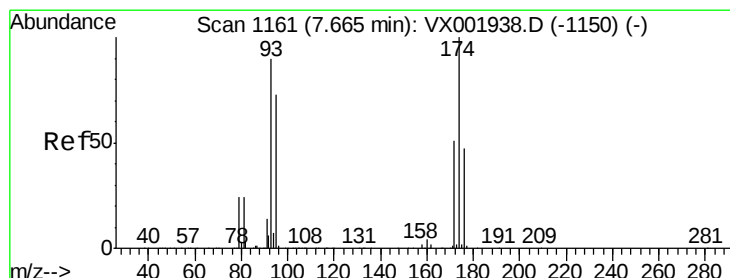
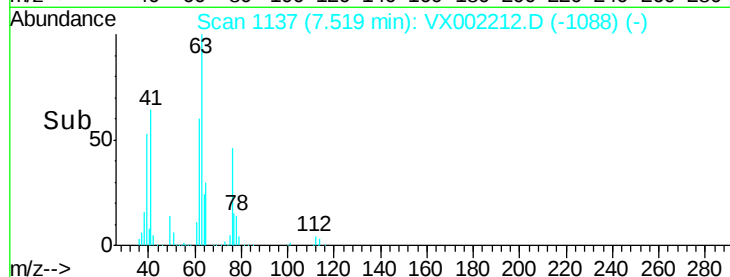
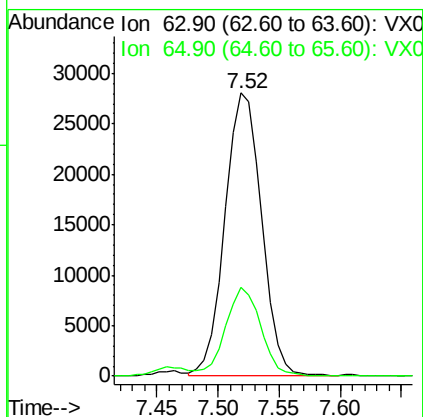
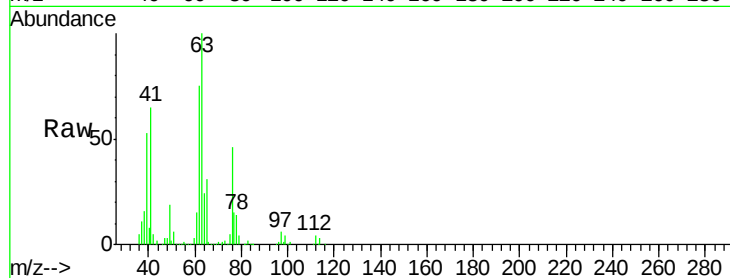
ClientSampleId :

Tot Ion: 63 Resp: 57947

Ion Ratio Lower Upper

63 100

65 31.5 24.1 36.1



#46

Dibromomethane

Concen: 19.778 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

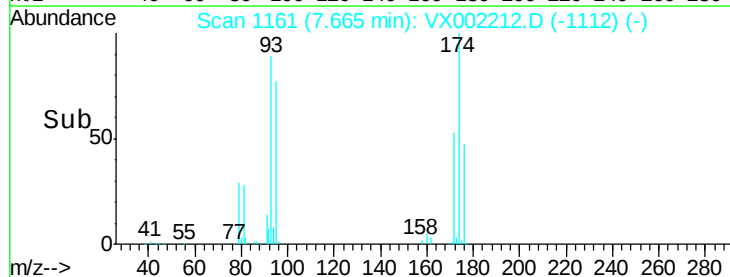
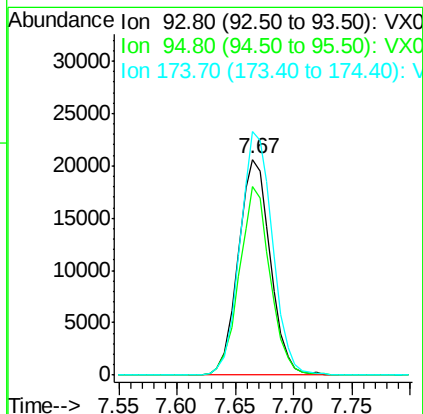
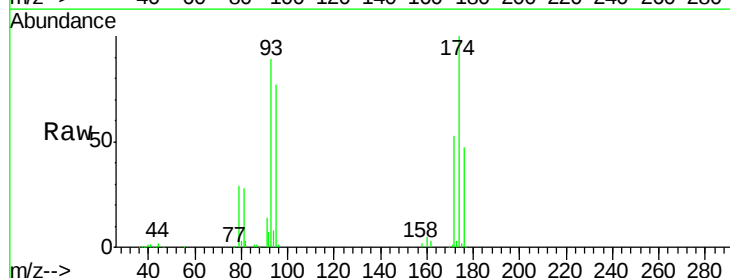
Tgt Ion: 93 Resp: 39580

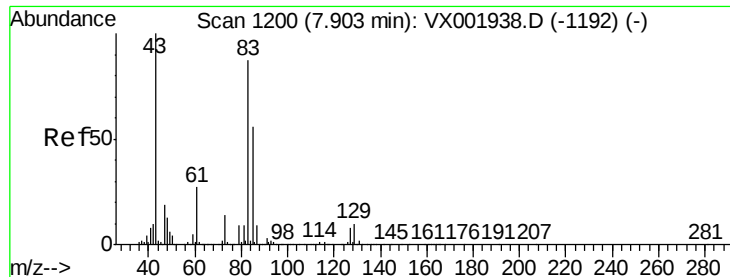
Ion Ratio Lower Upper

93 100

95 84.2 66.1 99.1

174 114.1 92.5 138.7





#47

Bromodichloromethane

Concen: 16.207 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :

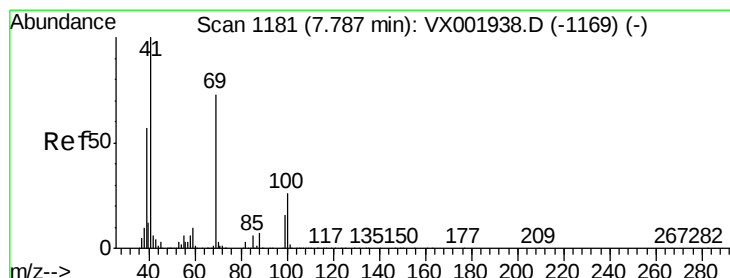
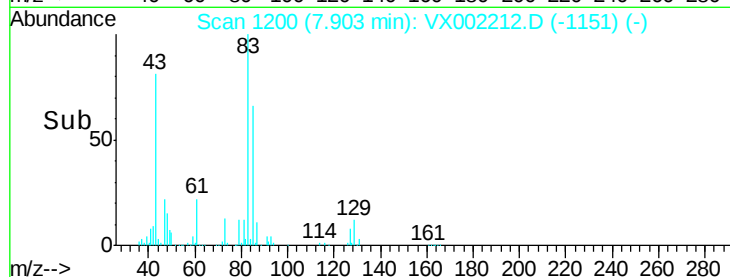
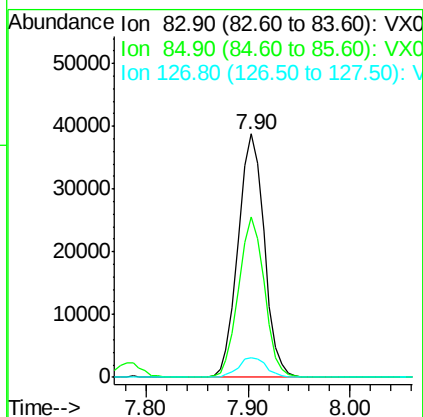
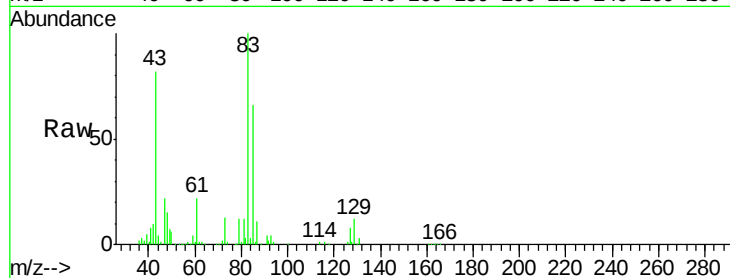
Tot Ion: 83 Resp: 69155

Ion Ratio Lower Upper

83 100

85 65.9 51.4 77.2

127 8.1 7.1 10.7



#48

Methyl methacrylate

Concen: 18.295 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

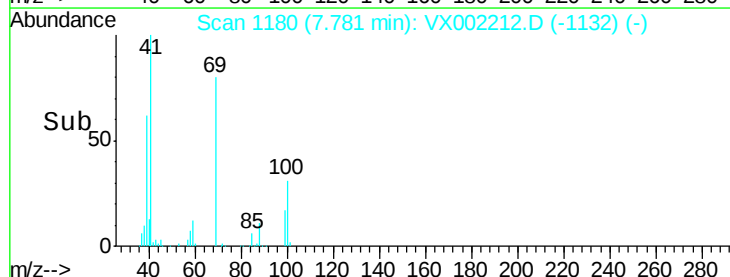
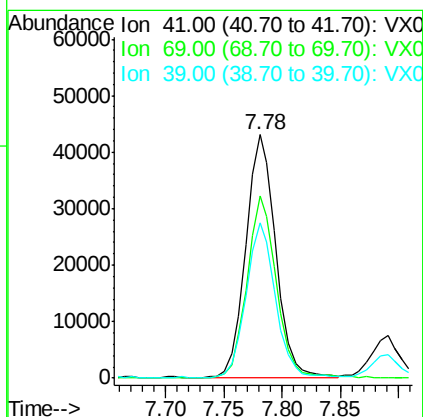
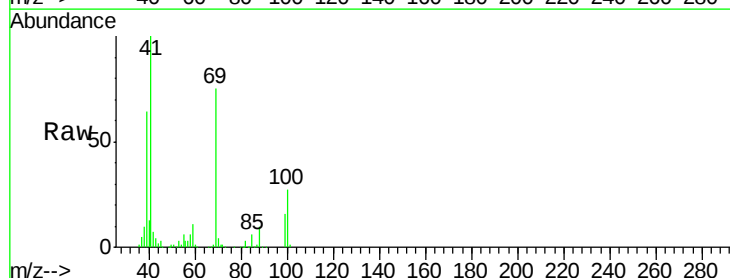
Tgt Ion: 41 Resp: 76843

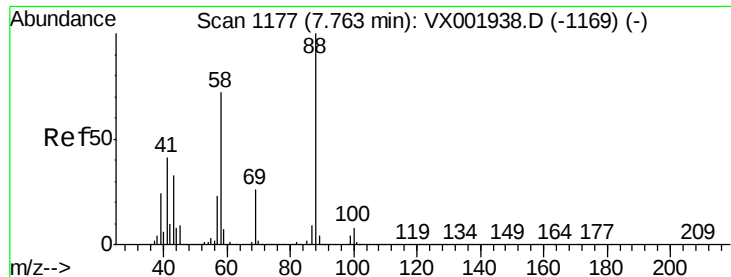
Ion Ratio Lower Upper

41 100

69 74.0 58.6 87.8

39 63.4 46.3 69.5





#49

1,4-Dioxane

Concen: 404.102 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.01 min

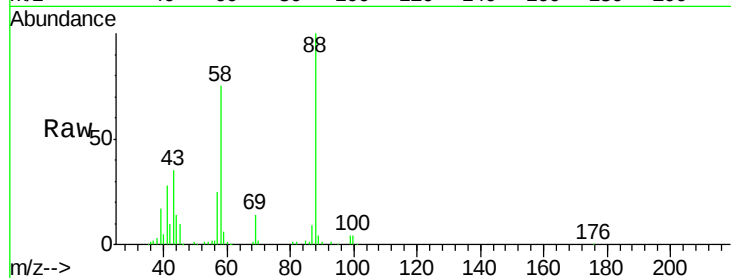
Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 29910

Ion	Ratio	Lower	Upper
88	100		
43	36.9	29.8	44.8
58	74.7	58.7	88.1

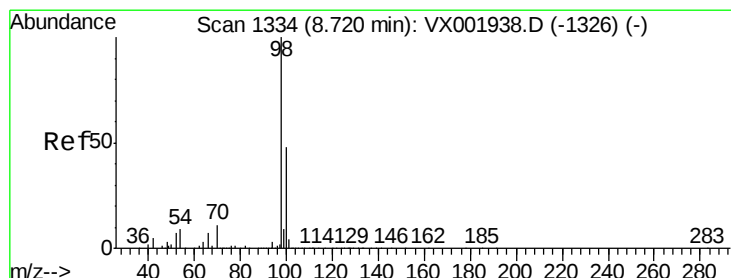
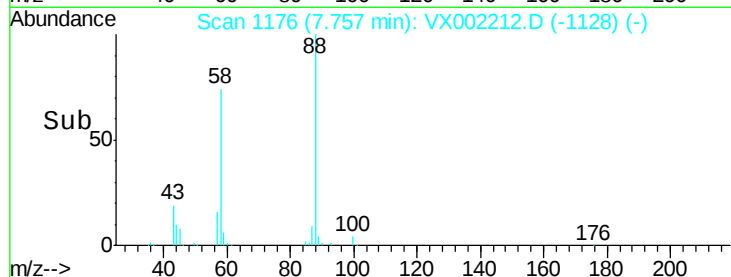
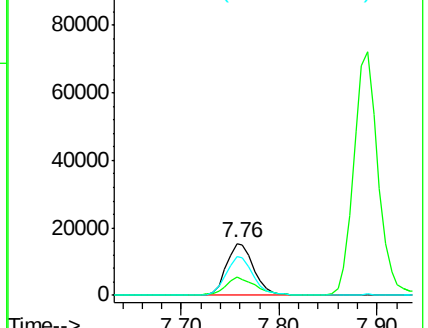


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 53.576 ug/l

RT: 8.72 min Scan# 1334

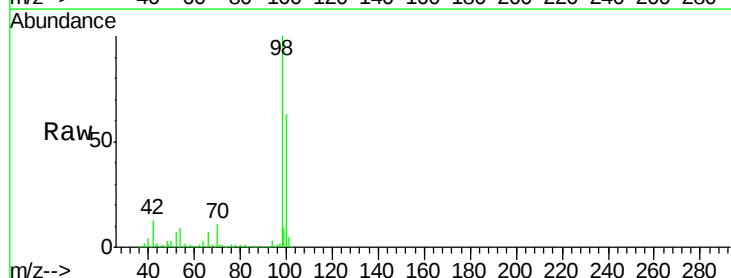
Delta R.T. 0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Tgt Ion: 98 Resp: 529770

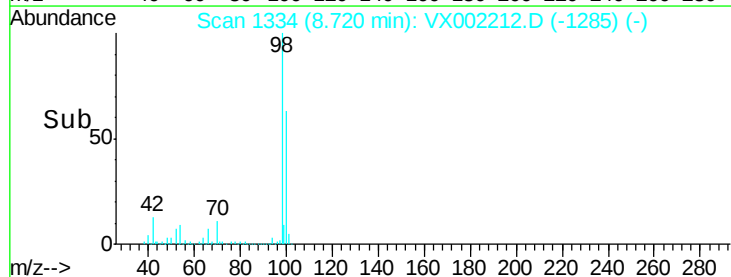
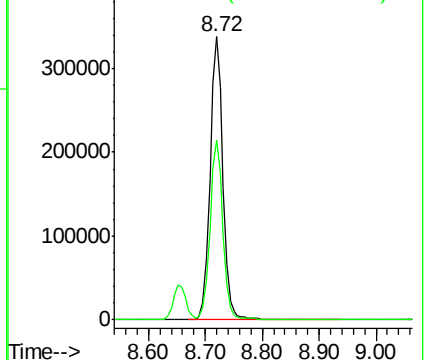
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.5	77.3

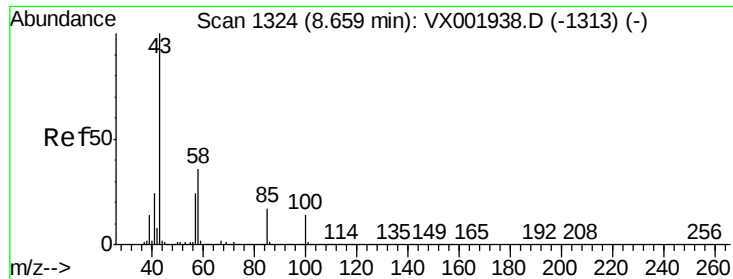


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 98.744 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

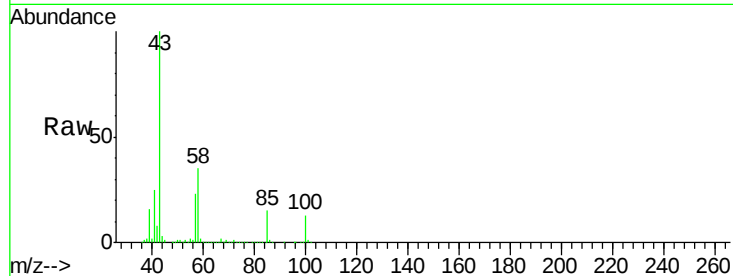
ClientSampleId :

Tot Ion: 43 Resp: 491235

Ion Ratio Lower Upper

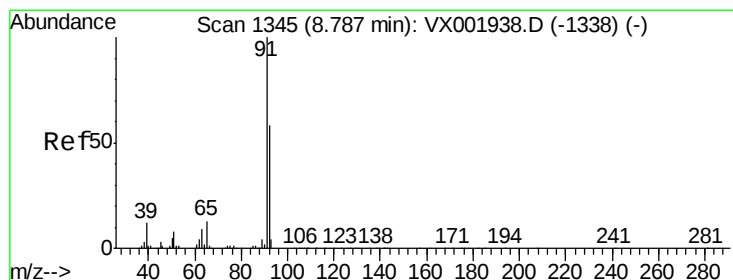
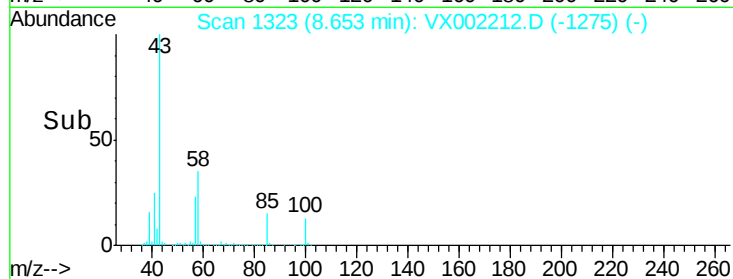
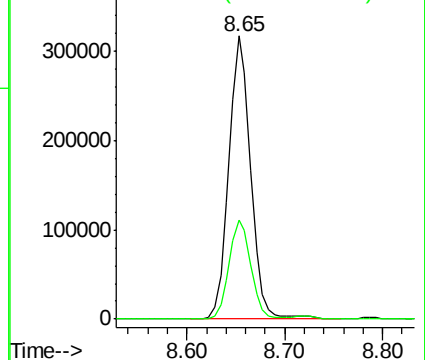
43 100

58 34.9 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.702 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002212.D

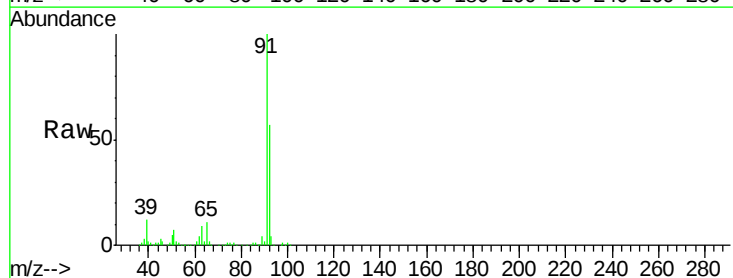
Acq: 01 Jun 2018 11:34

Tgt Ion: 92 Resp: 139552

Ion Ratio Lower Upper

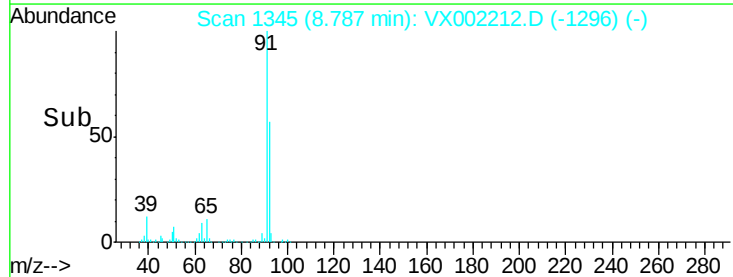
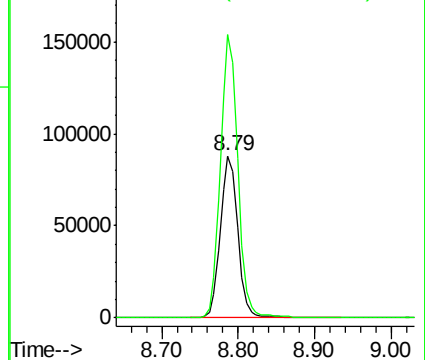
92 100

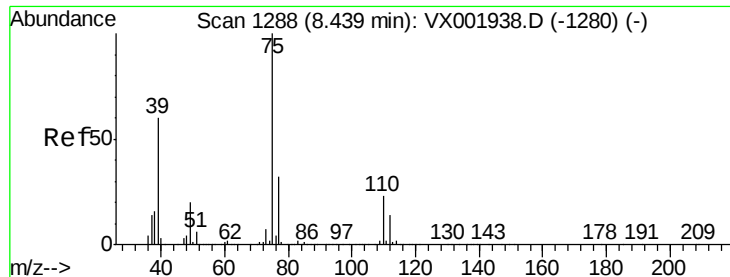
91 174.3 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.239 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

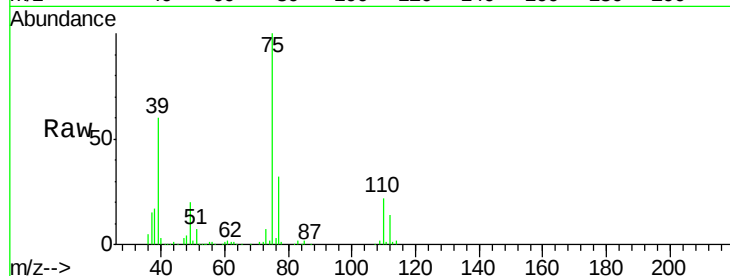
ClientSampleId :

Tot Ion: 75 Resp: 84721

Ion Ratio Lower Upper

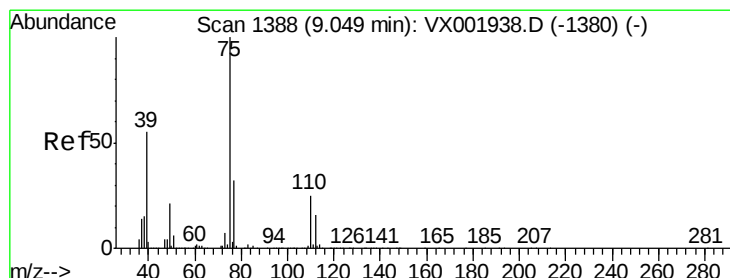
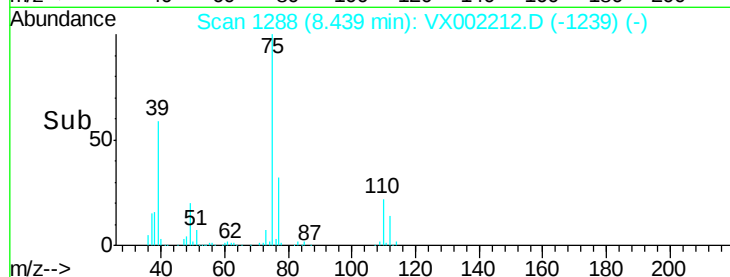
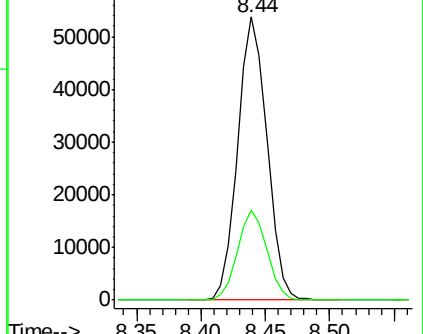
75 100

77 31.8 25.5 38.3



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: 16.493 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

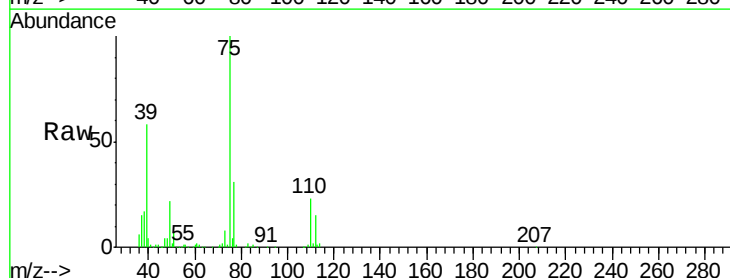
Tgt Ion: 75 Resp: 78981

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0

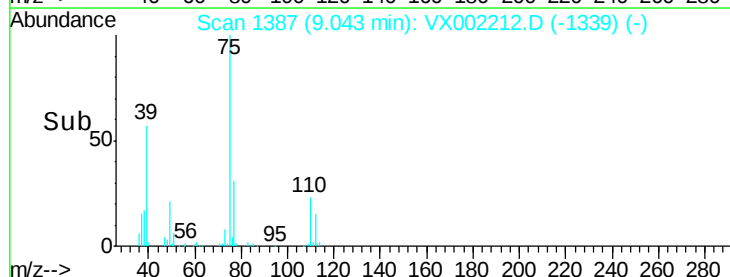
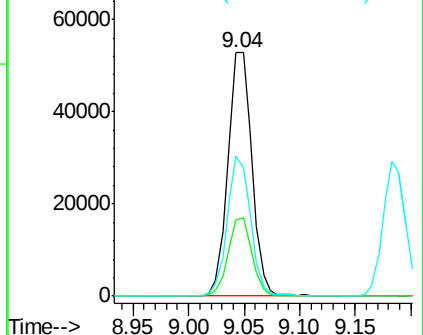
39 57.5 44.1 66.1

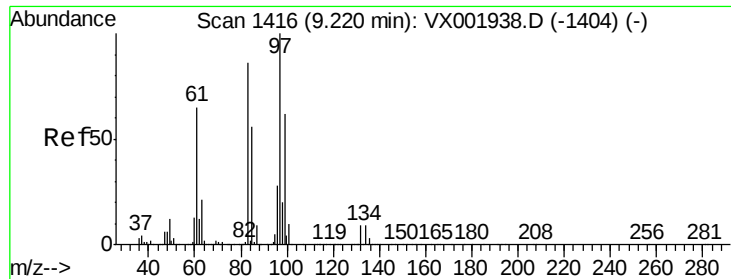


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

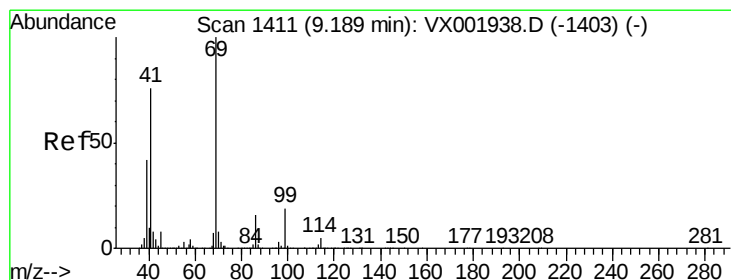
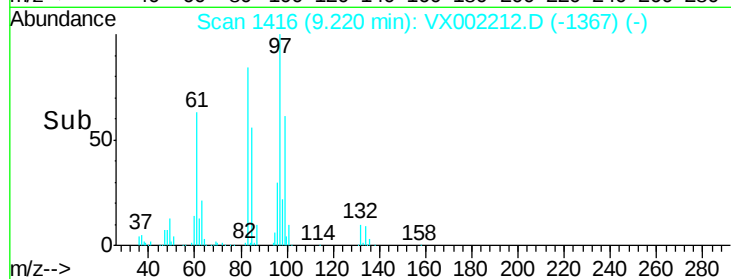
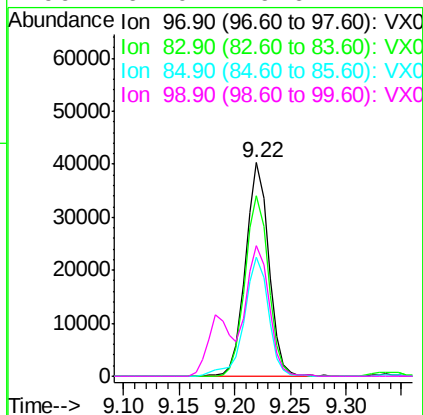
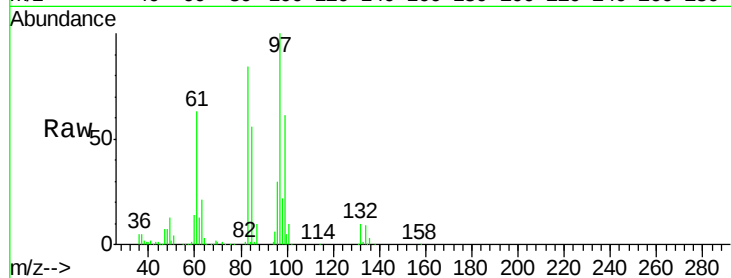




#55
 1,1,2-Trichloroethane
 Concen: 19.893 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

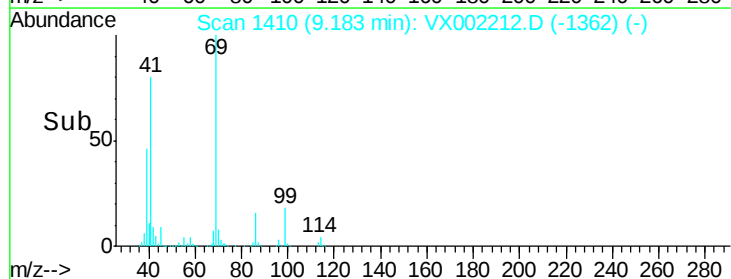
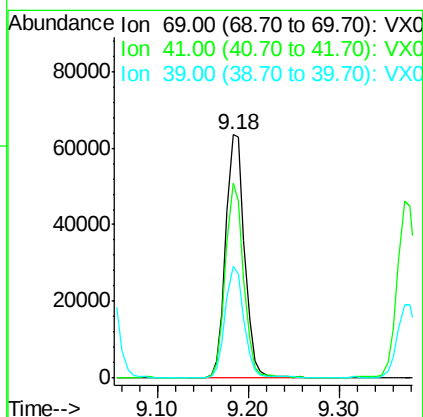
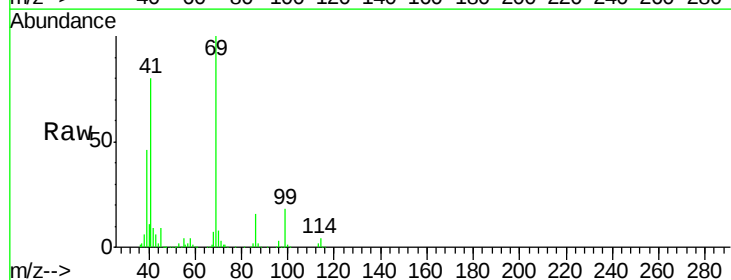
Instrument :
 MSVOA_X
 ClientSampleId :

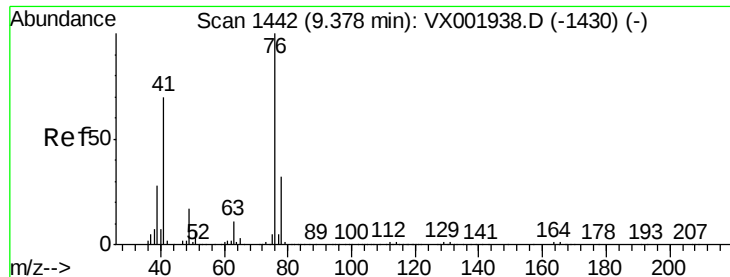
Tot Ion:	97	Resp:	58865
Ion	Ratio	Lower	Upper
97	100		
83	84.4	69.1	103.7
85	55.8	45.2	67.8
99	61.0	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 18.209 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

Tgt Ion:	69	Resp:	92680
Ion	Ratio	Lower	Upper
69	100		
41	76.8	61.0	91.6
39	45.5	34.4	51.6





#57

1,3-Dichloropropane

Concen: 20.169 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

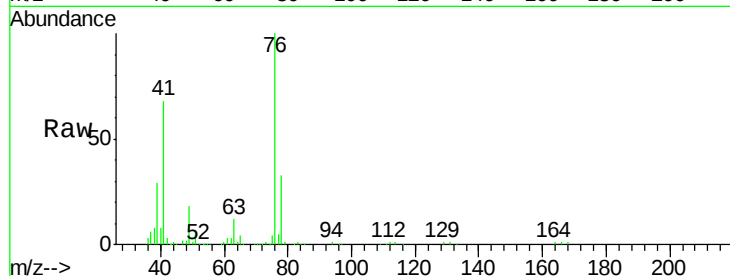
ClientSampleId :

Tot Ion: 76 Resp: 98318

Ion Ratio Lower Upper

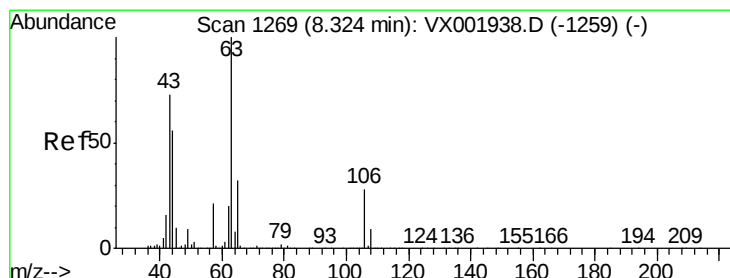
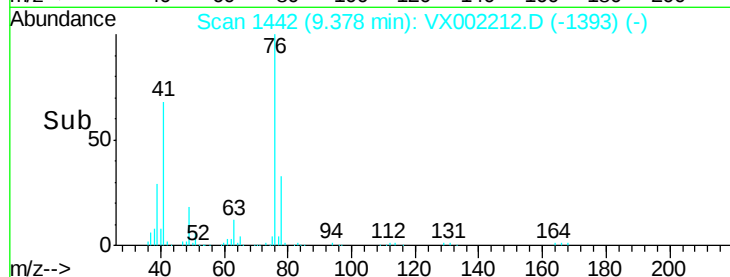
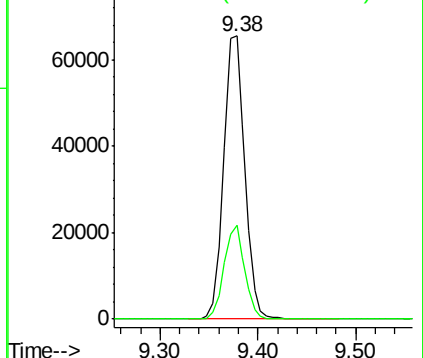
76 100

78 32.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 88.336 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002212.D

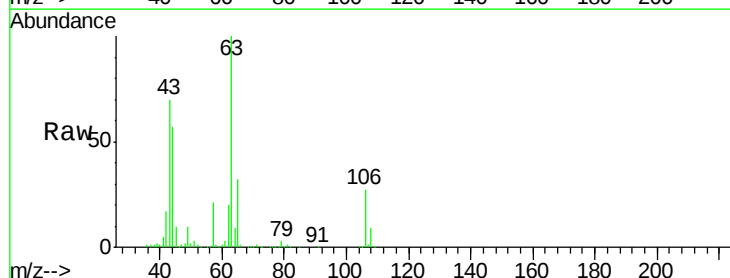
Acq: 01 Jun 2018 11:34

Tgt Ion: 63 Resp: 199274

Ion Ratio Lower Upper

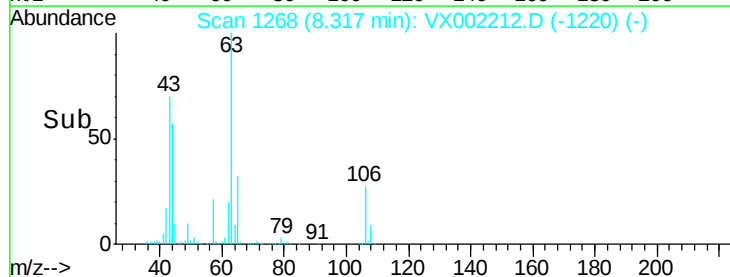
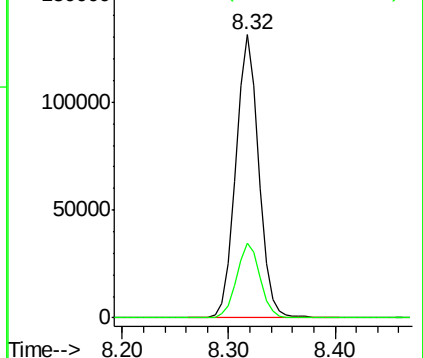
63 100

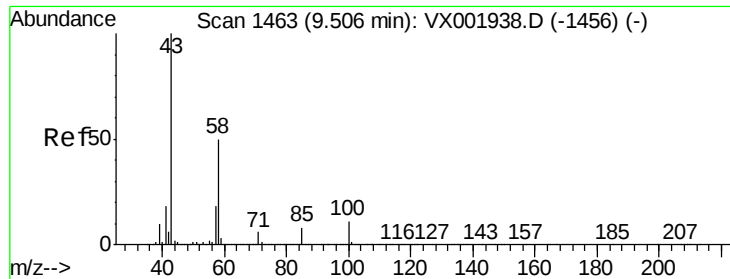
106 27.0 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

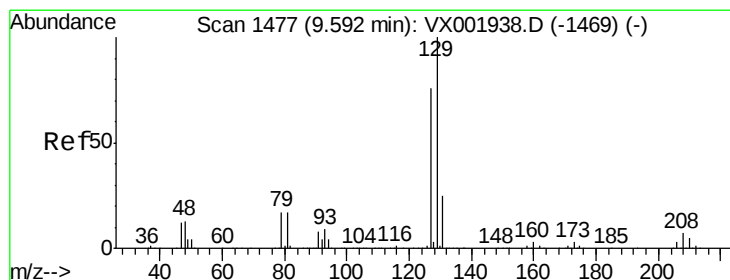
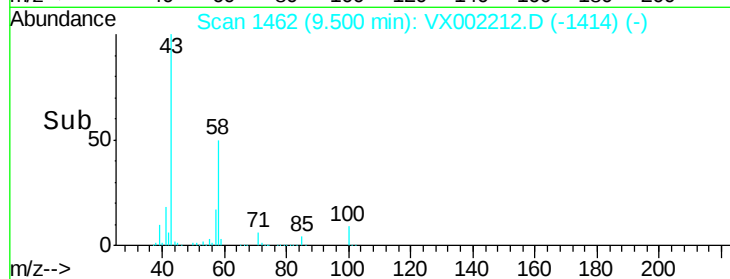
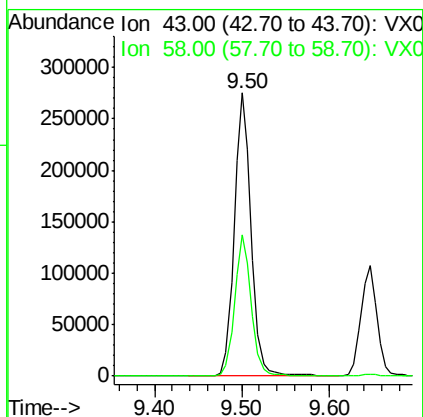
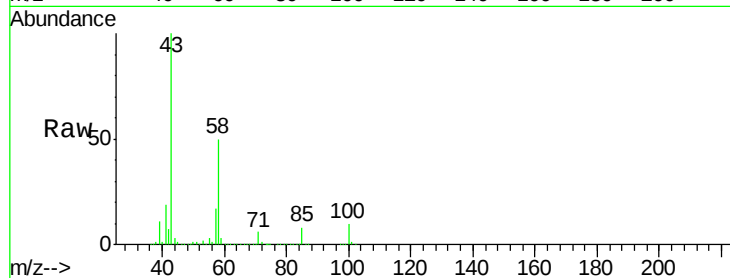




#59
2-Hexanone
Concen: 96.442 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

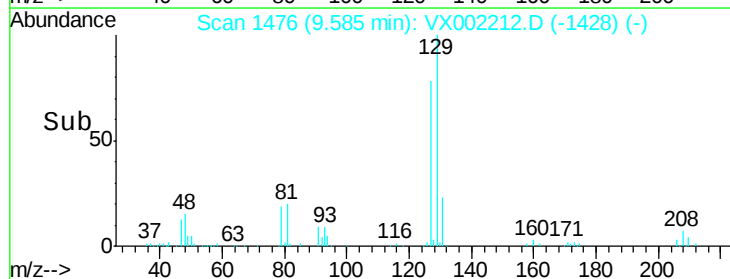
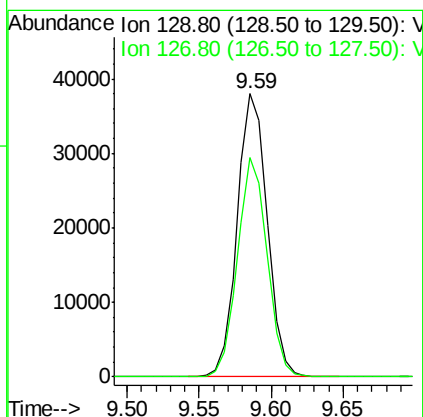
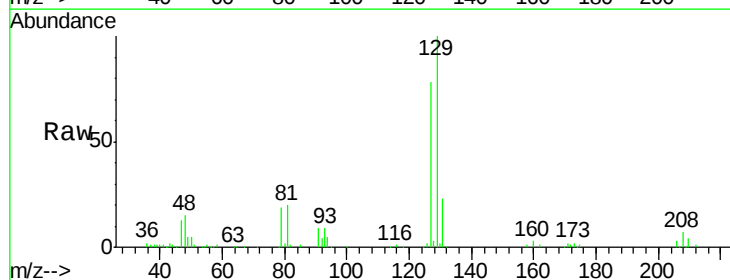
Instrument :
MSVOA_X
ClientSampleId :

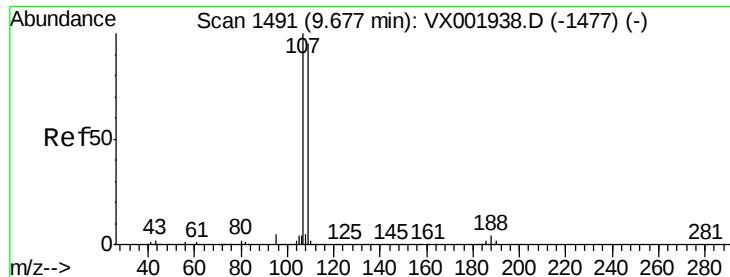
Tot Ion: 43 Resp: 369942
Ion Ratio Lower Upper
43 100
58 49.5 24.9 74.6



#60
Dibromochloromethane
Concen: 15.709 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion: 129 Resp: 55059
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





#61

1,2-Dibromoethane

Concen: 19.224 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

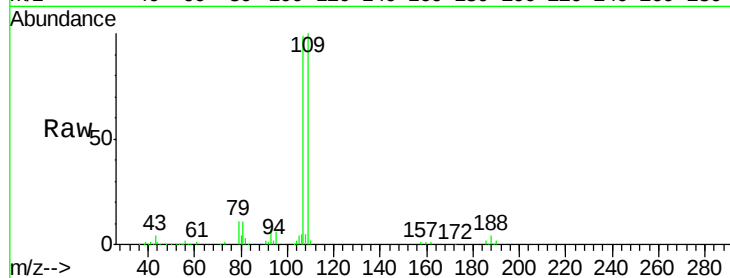
ClientSampleId :

Tot Ion:107 Resp: 59688

Ion Ratio Lower Upper

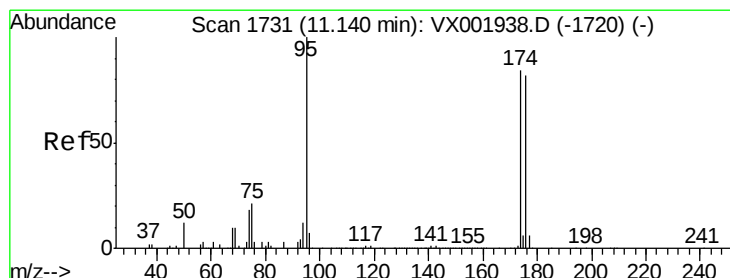
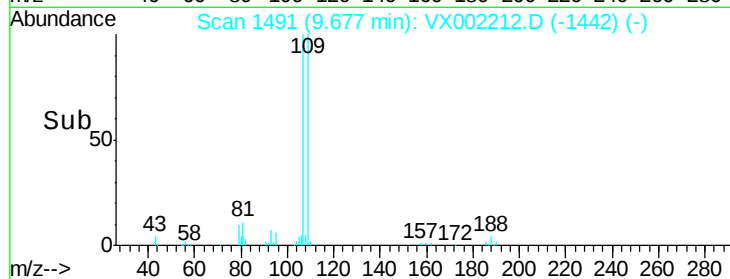
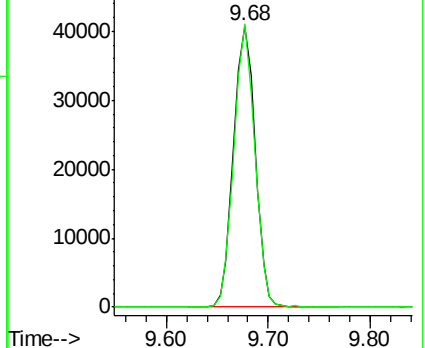
107 100

109 97.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.834 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

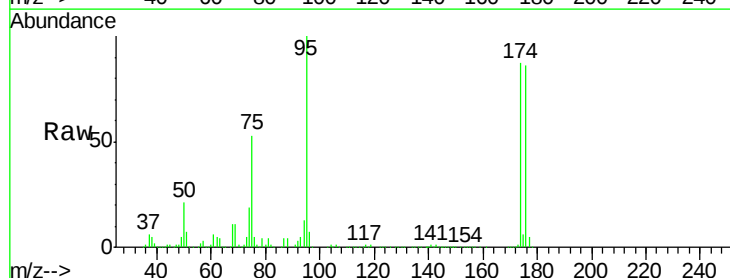
Tgt Ion: 95 Resp: 200538

Ion Ratio Lower Upper

95 100

174 92.8 0.0 178.8

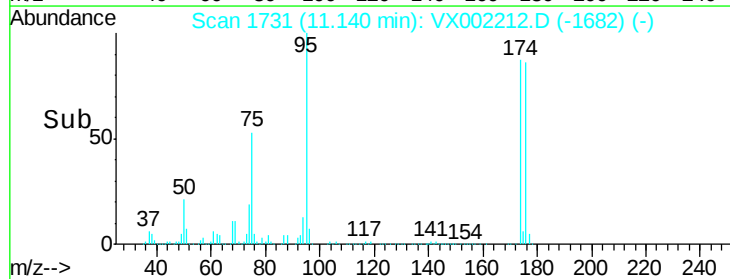
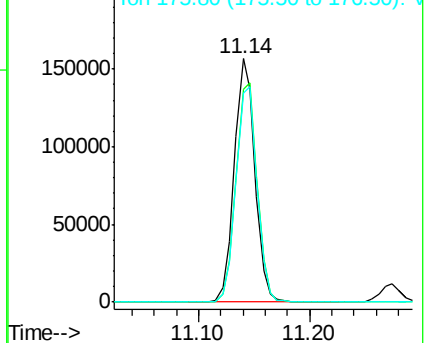
176 91.1 0.0 175.6

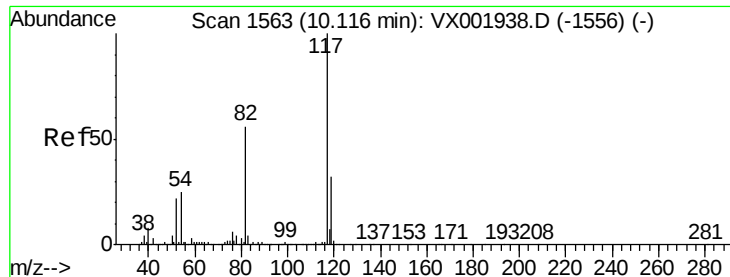


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

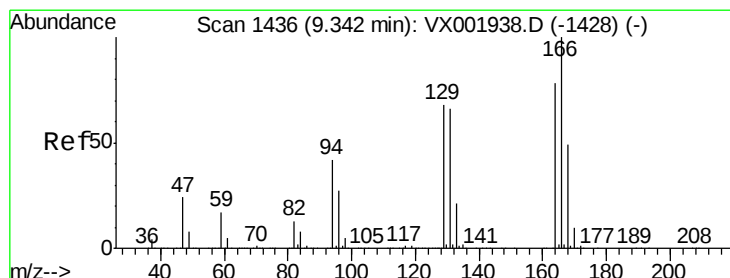
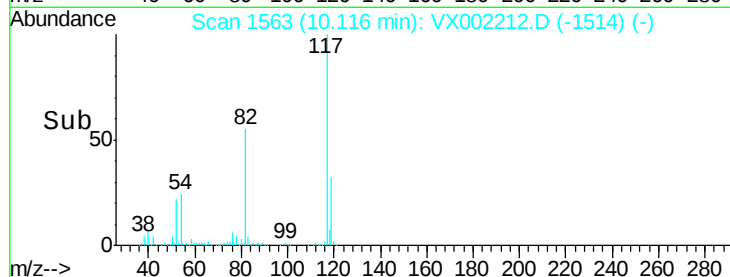
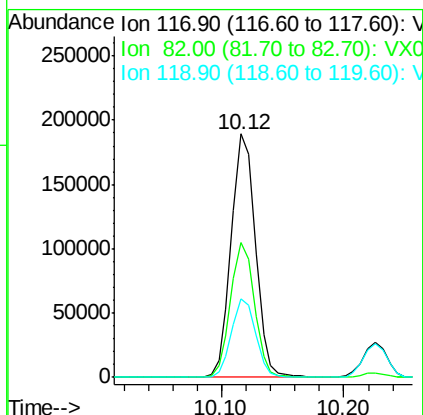
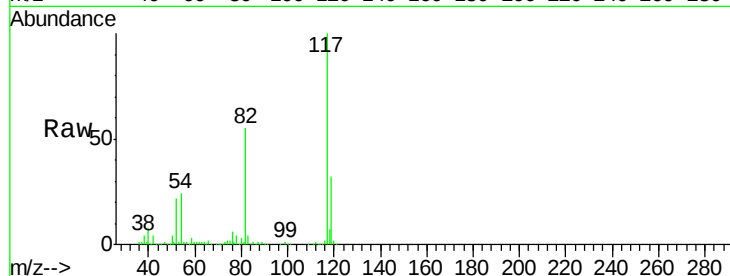




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

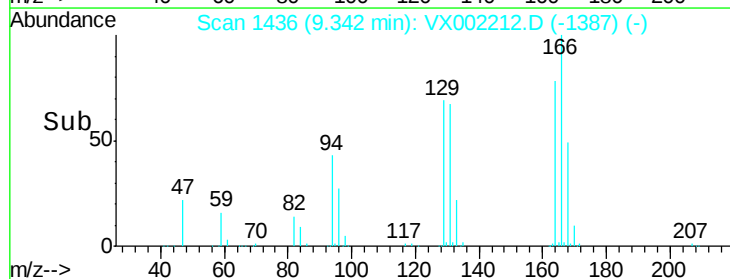
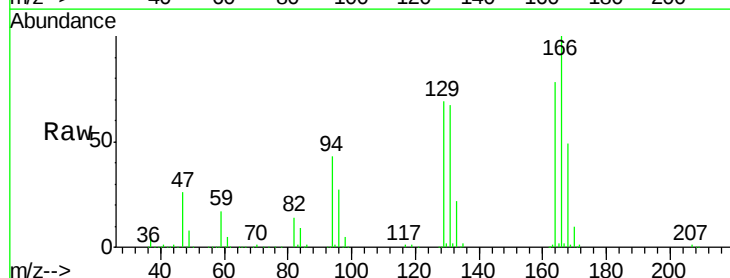
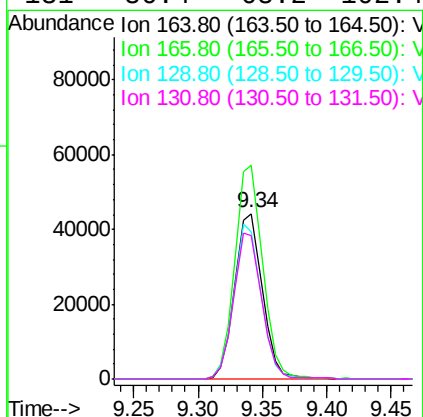
Instrument :
MSVOA_X
ClientSampleId :

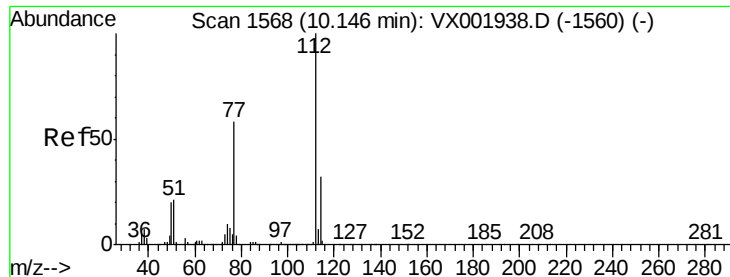
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.8	67.2
119	32.1	25.5	38.3



#64
Tetrachloroethene
Concen: 17.972 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	102.7	154.1
129	88.7	70.3	105.5
131	86.4	68.2	102.4





#65

Chlorobenzene

Concen: 19.156 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

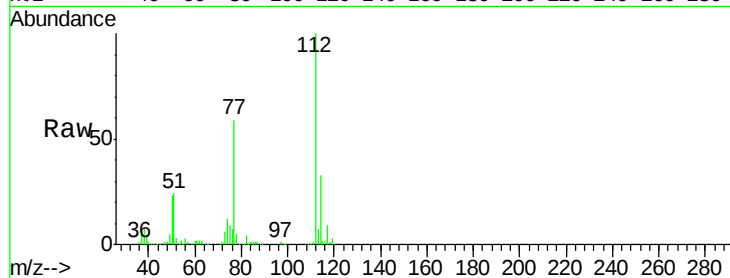
ClientSampleId :

Tot Ion:112 Resp: 157865

Ion Ratio Lower Upper

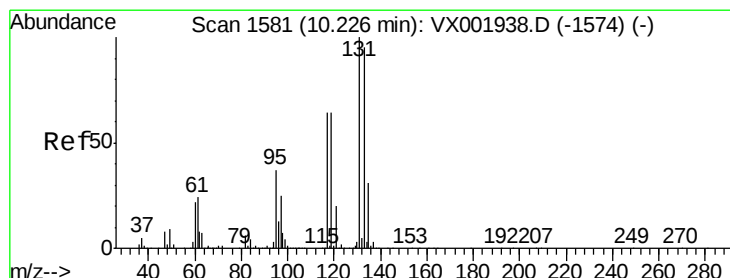
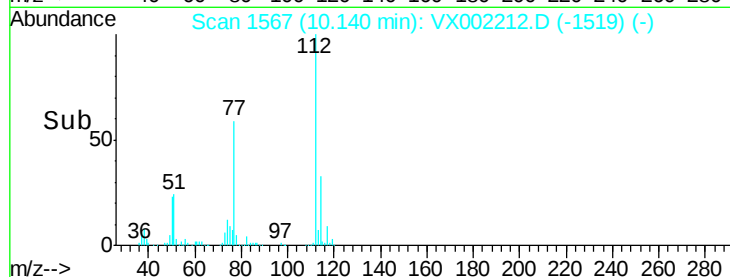
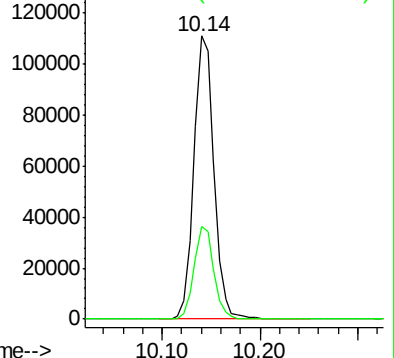
112 100

114 32.8 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 17.124 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

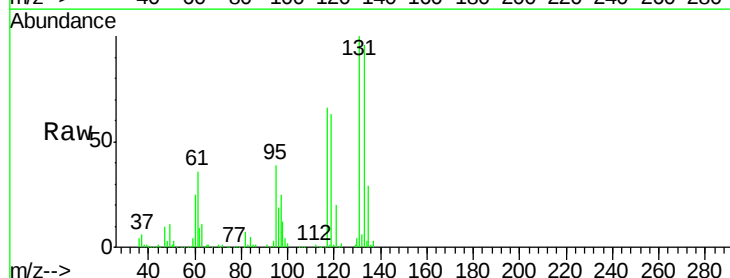
Tgt Ion:131 Resp: 56987

Ion Ratio Lower Upper

131 100

133 93.1 48.0 144.0

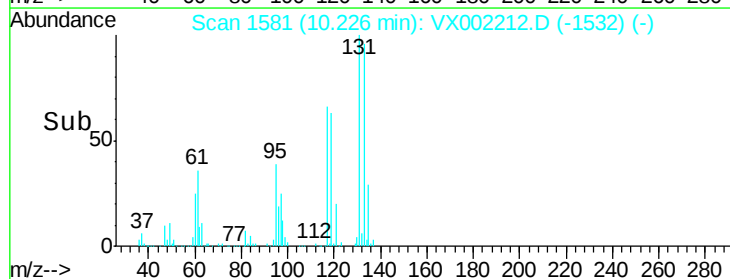
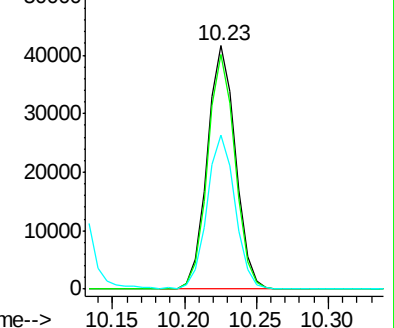
119 63.0 31.9 95.5

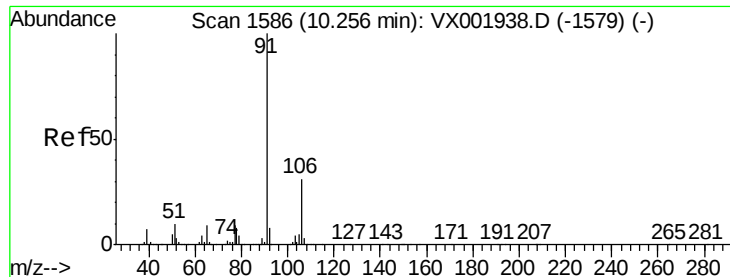


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.859 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

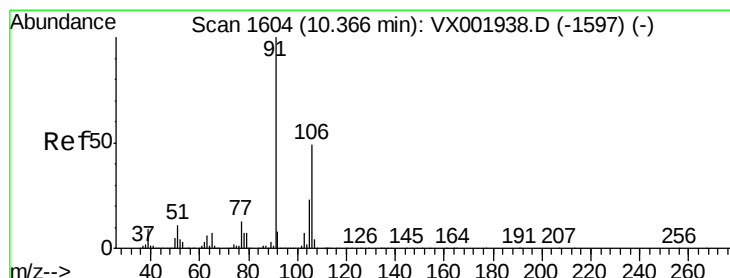
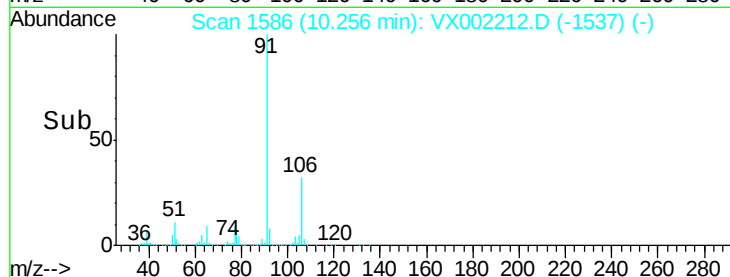
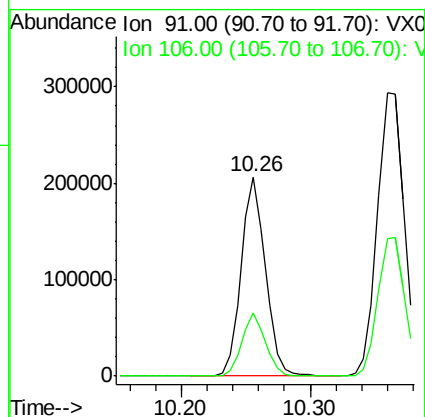
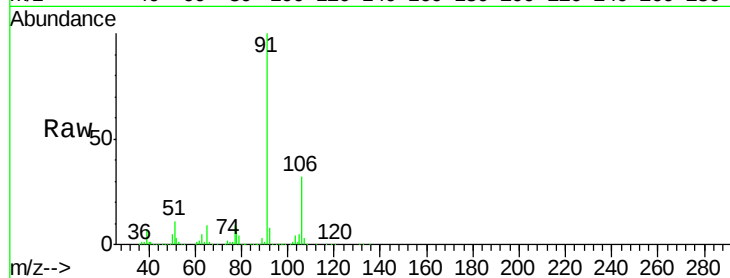
ClientSampled :

Tot Ion: 91 Resp: 270030

Ion Ratio Lower Upper

91 100

106 31.7 25.0 37.6



#68

m/p-Xylenes

Concen: 37.823 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002212.D

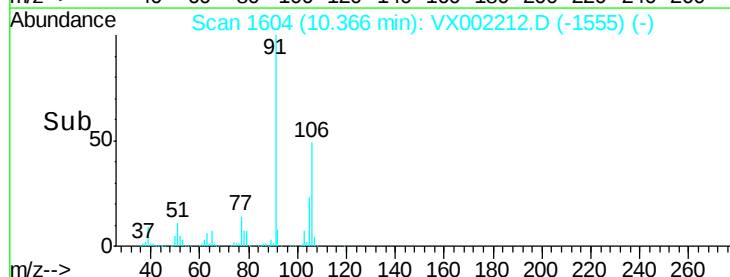
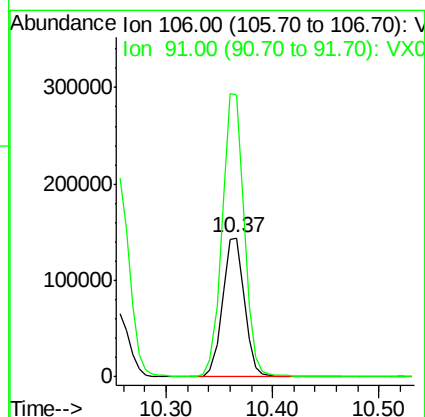
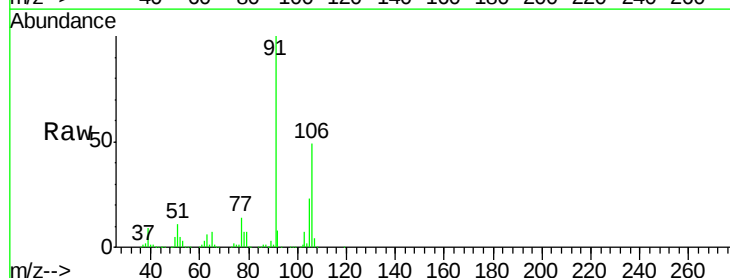
Acq: 01 Jun 2018 11:34

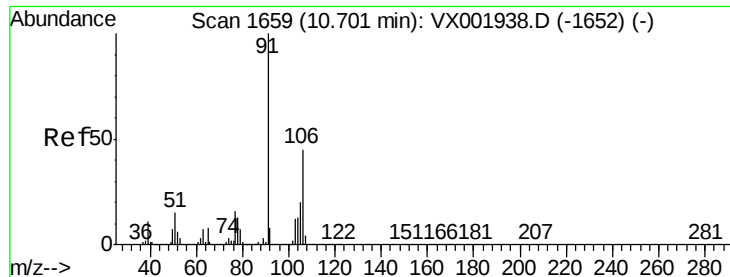
Tgt Ion: 106 Resp: 207023

Ion Ratio Lower Upper

106 100

91 203.9 165.0 247.6

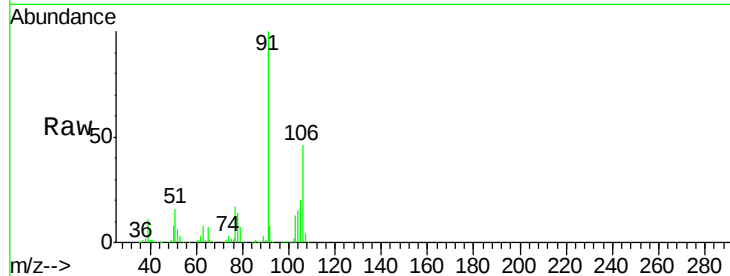




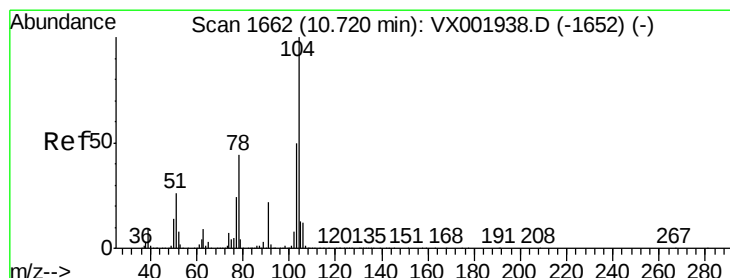
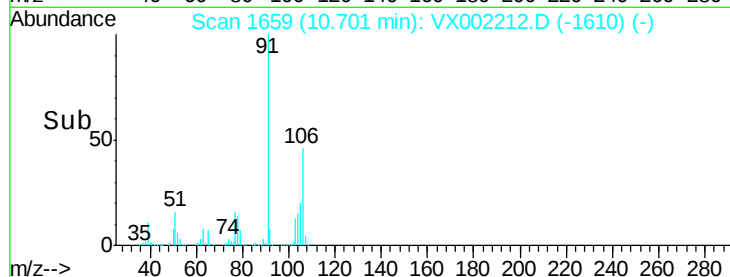
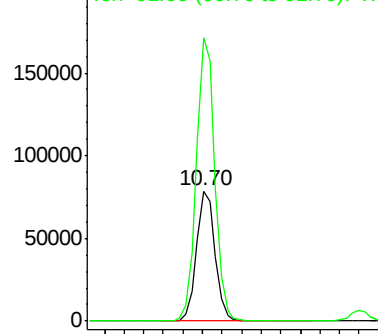
#69
o-Xylene
Concen: 18.804 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 102766
Ion Ratio Lower Upper
106 100
91 217.7 108.7 325.9

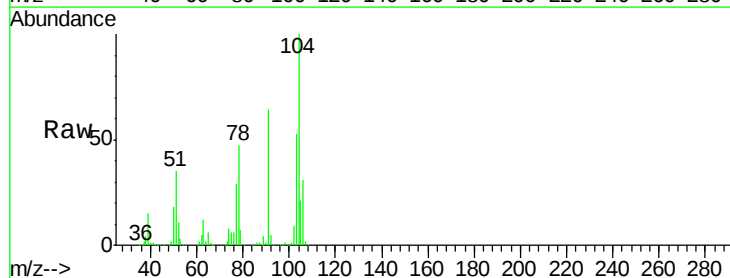


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

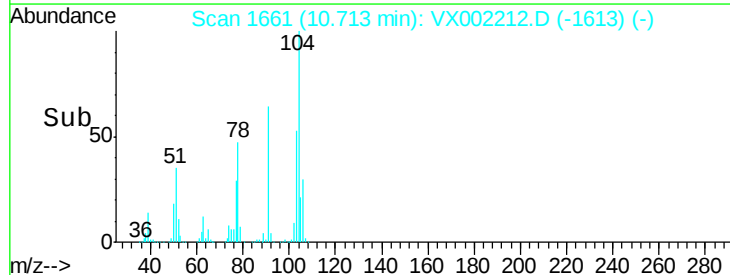
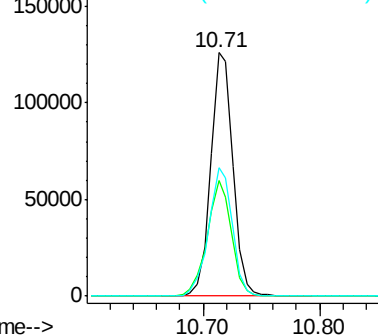


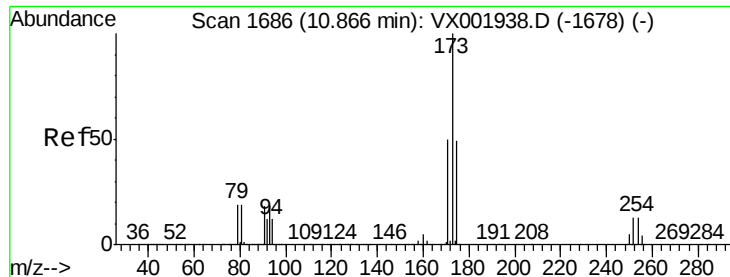
#70
Styrene
Concen: 18.482 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion:104 Resp: 167516
Ion Ratio Lower Upper
104 100
78 51.5 41.8 62.6
103 56.7 44.6 67.0



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

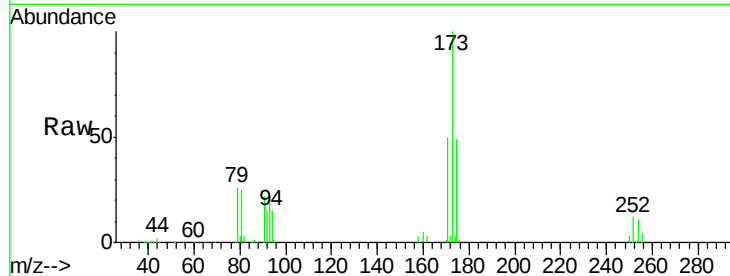




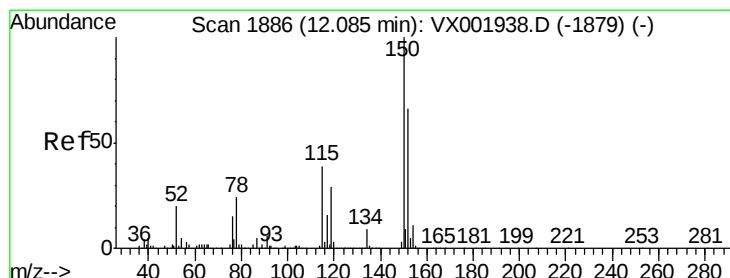
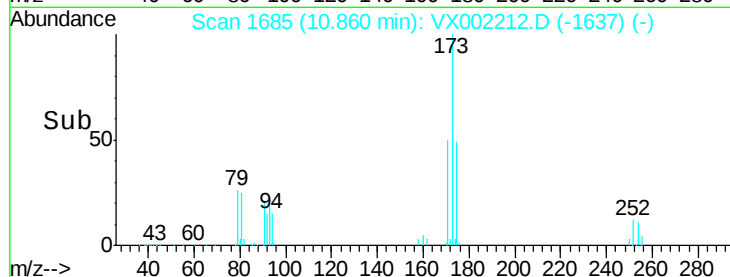
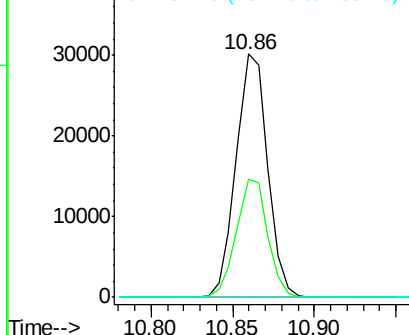
#71
Bromoform
Concen: 12.895 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 40690
Ion Ratio Lower Upper
173 100
175 48.1 24.3 72.9
254 0.1 0.1 0.1

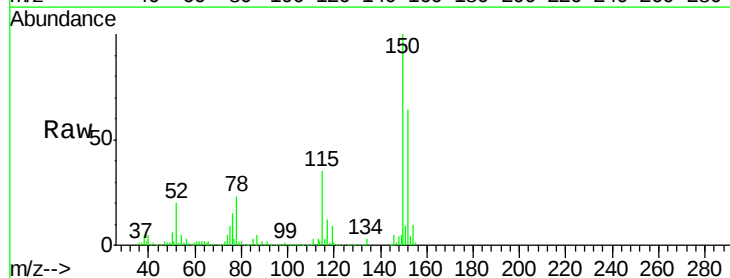


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

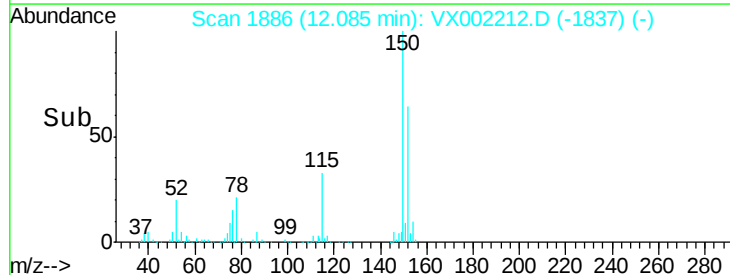
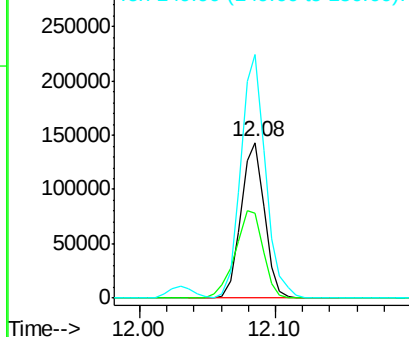


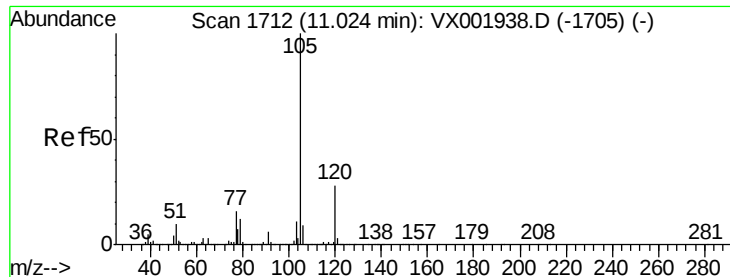
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion:152 Resp: 171926
Ion Ratio Lower Upper
152 100
115 66.7 42.3 126.8
150 164.4 0.0 351.0



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: 18.914 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

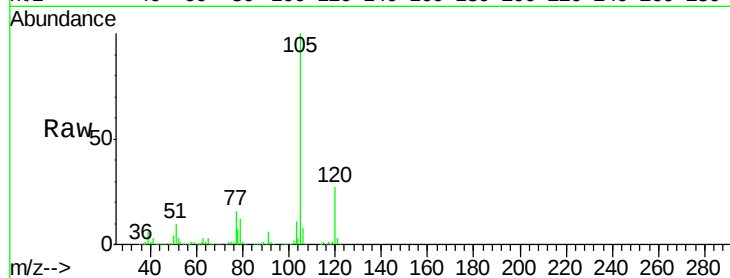
ClientSampled :

Tot Ion:105 Resp: 275368

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

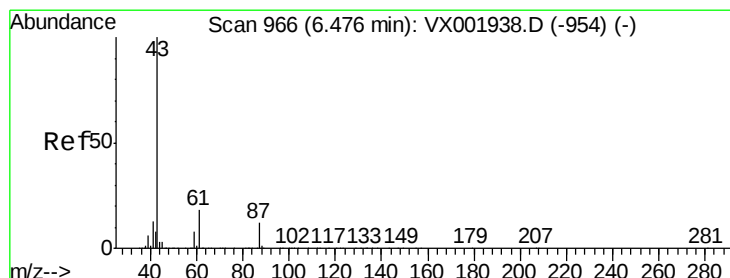
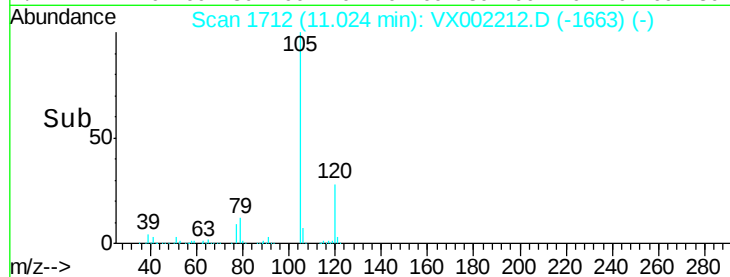
50000

0

11.02

11.00 11.10

Time-->



#74

N-ethyl acetate

Concen: 17.800 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Tgt Ion: 43 Resp: 149779

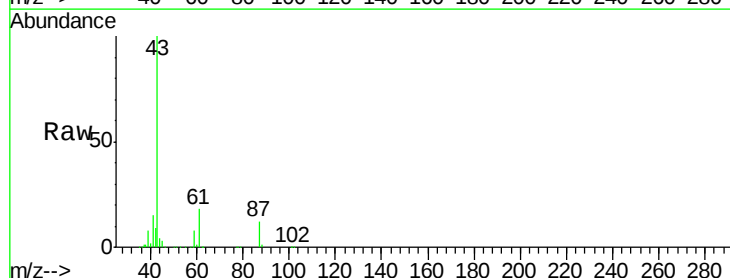
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.0 0.1 0.1#

61 17.8 14.5 21.7



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

80000

60000

40000

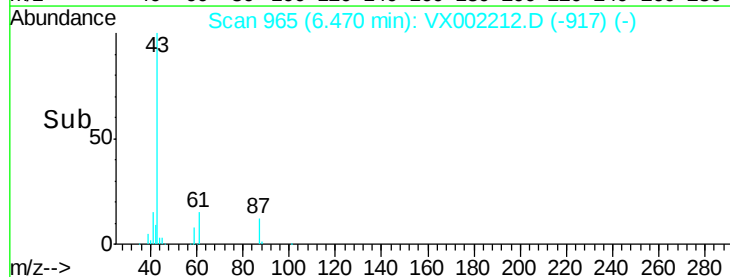
20000

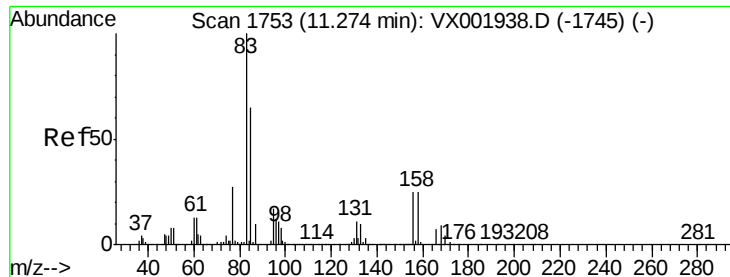
0

6.47

6.30 6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.837 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

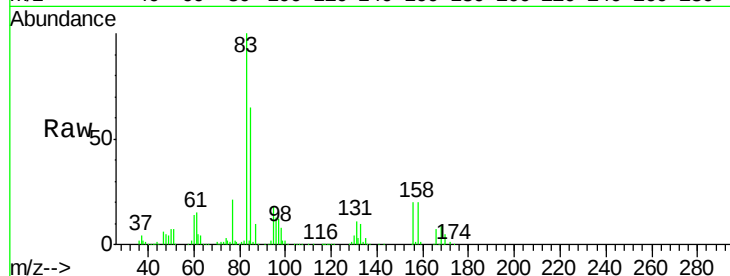
Tot Ion: 83 Resp: 85910

Ion Ratio Lower Upper

83 100

131 10.7 5.7 17.0

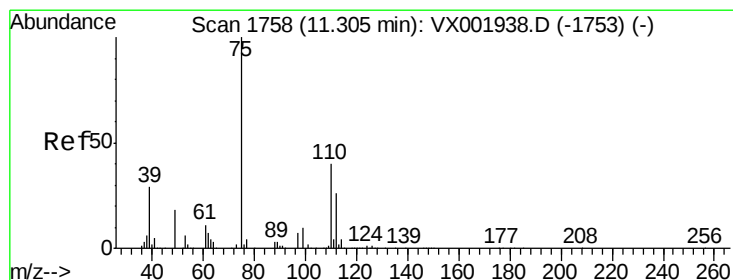
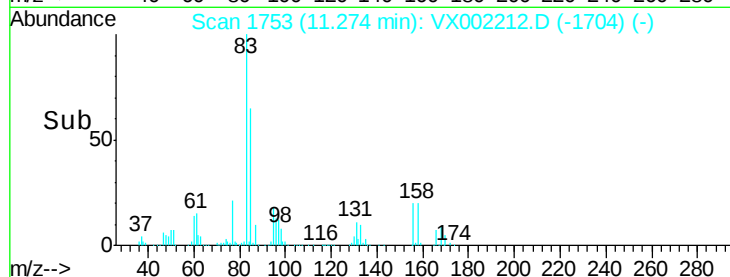
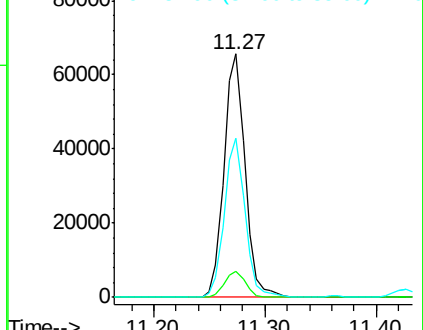
85 64.3 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.998 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002212.D

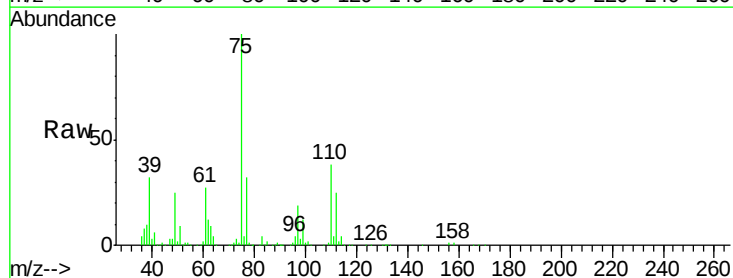
Acq: 01 Jun 2018 11:34

Tgt Ion: 75 Resp: 99100

Ion Ratio Lower Upper

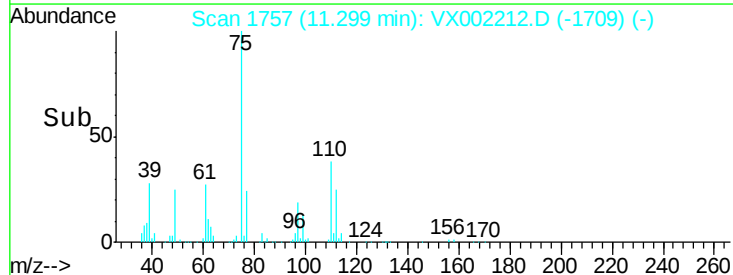
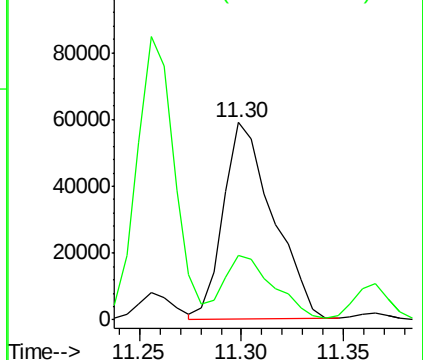
75 100

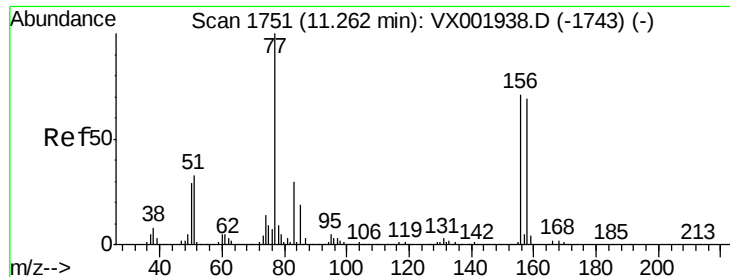
77 33.5 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.265 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

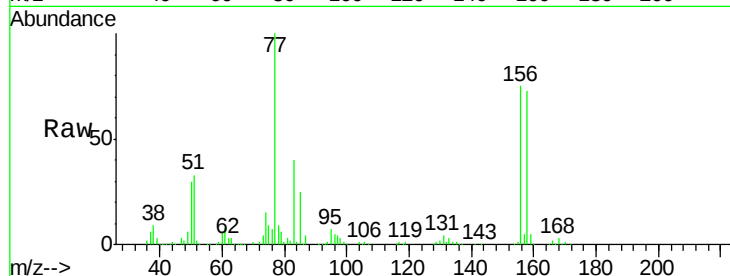
Tot Ion:156 Resp: 74414

Ion Ratio Lower Upper

156 100

77 145.2 75.2 225.6

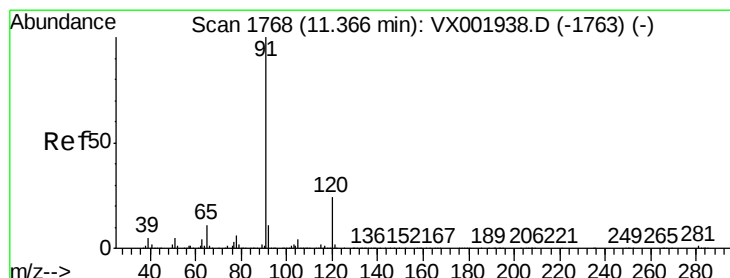
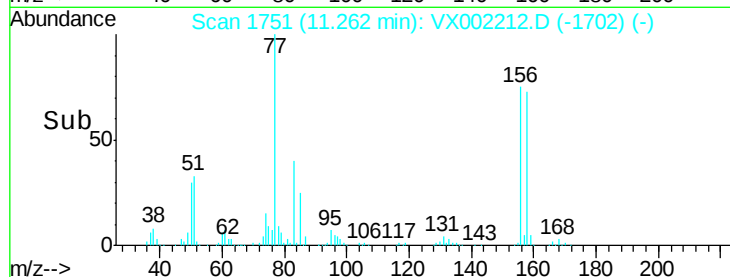
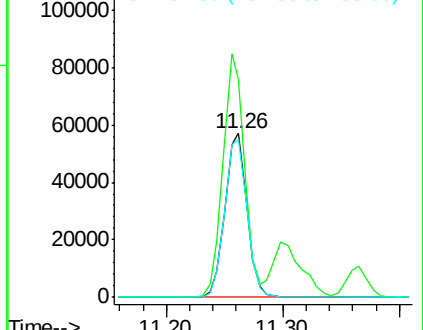
158 98.7 48.6 145.8



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: 19.009 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002212.D

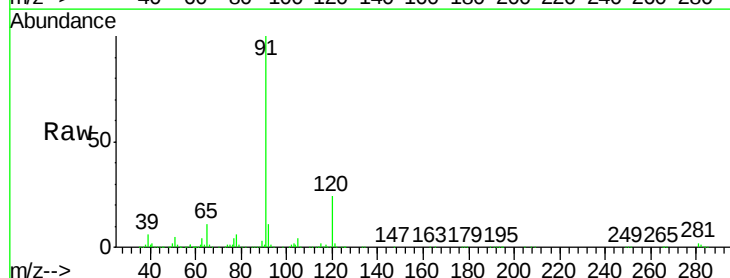
Acq: 01 Jun 2018 11:34

Tgt Ion: 91 Resp: 309954

Ion Ratio Lower Upper

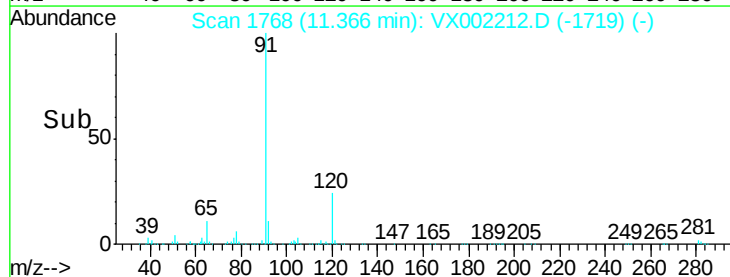
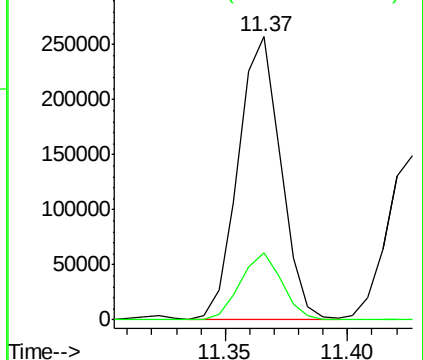
91 100

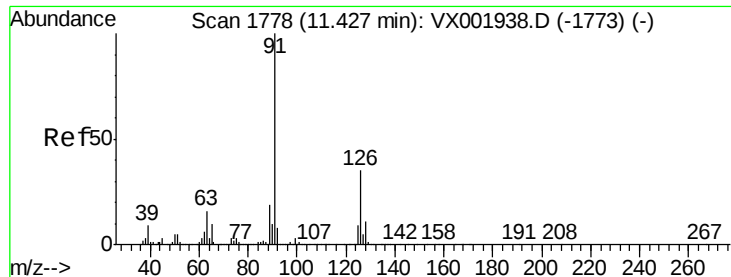
120 23.6 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.535 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

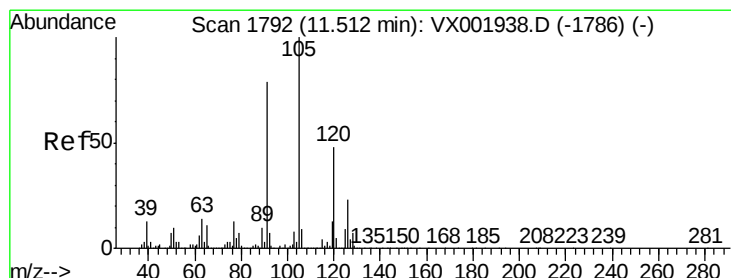
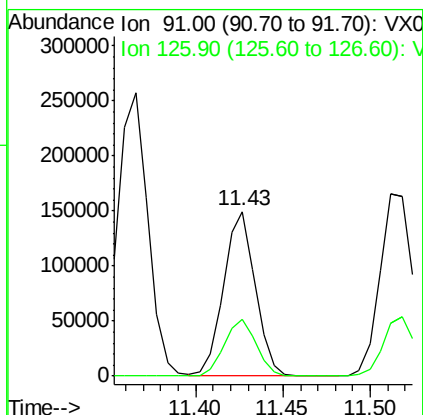
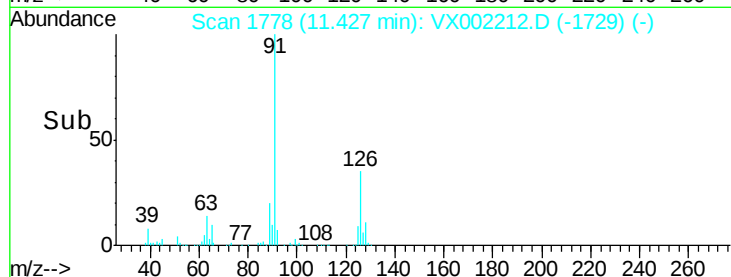
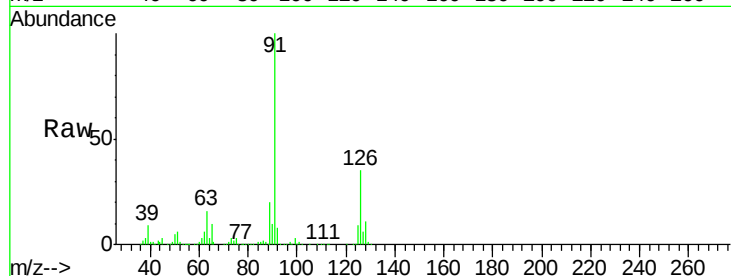
ClientSampleId :

Tot Ion: 91 Resp: 187302

Ion Ratio Lower Upper

91 100

126 35.2 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 18.768 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002212.D

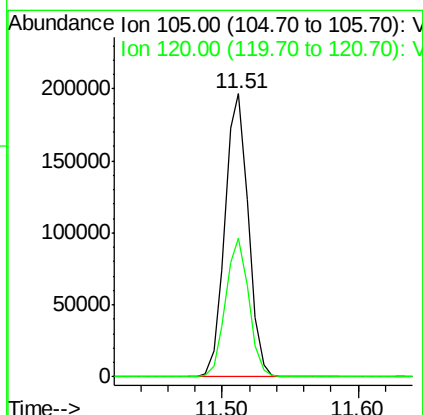
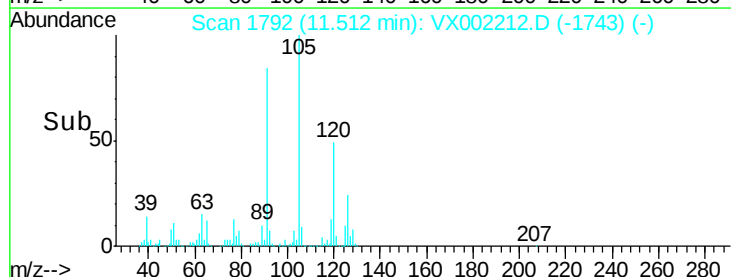
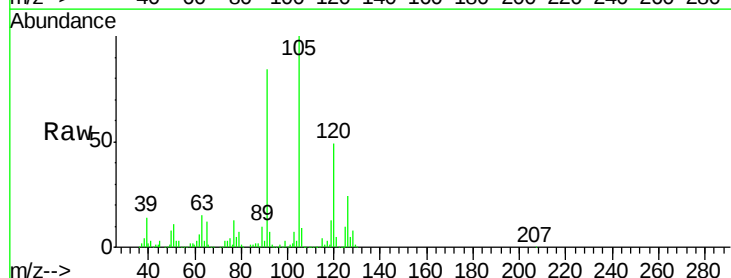
Acq: 01 Jun 2018 11:34

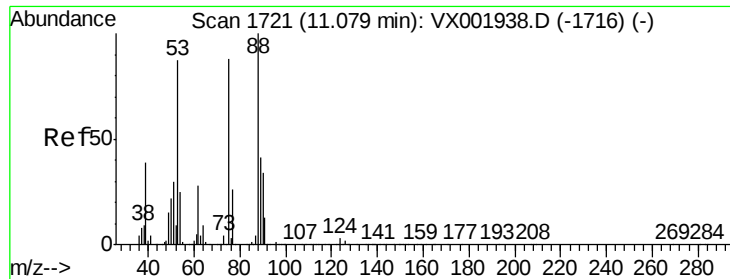
Tgt Ion: 105 Resp: 233515

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 12.418 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampled :

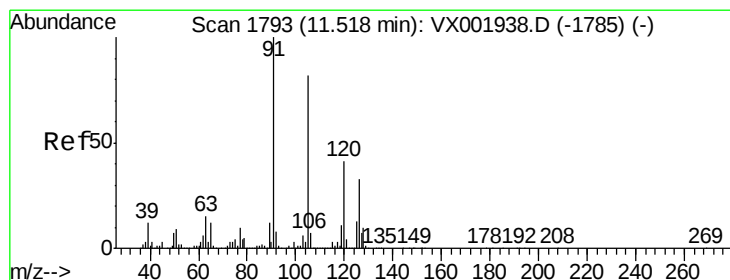
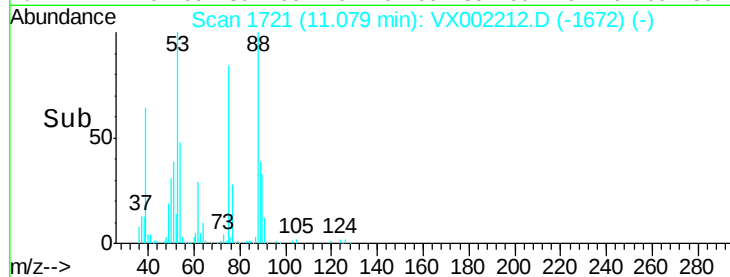
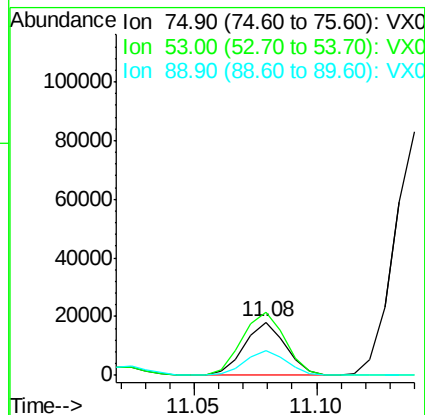
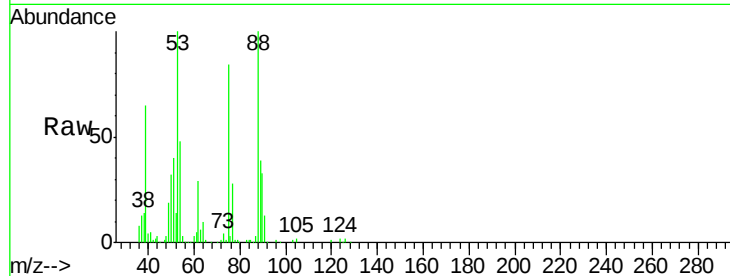
Tot Ion: 75 Resp: 21336

Ion Ratio Lower Upper

75 100

53 125.1 78.0 117.0#

89 48.2 39.4 59.2



#82

4-Chlorotoluene

Concen: 18.942 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX002212.D

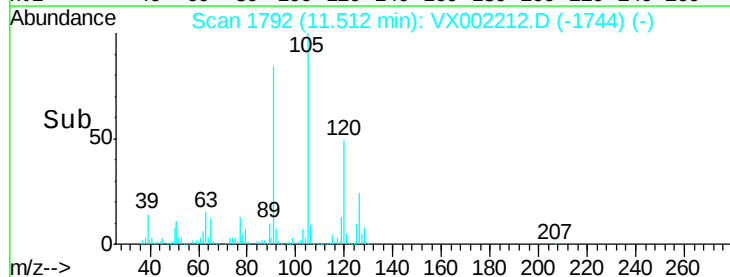
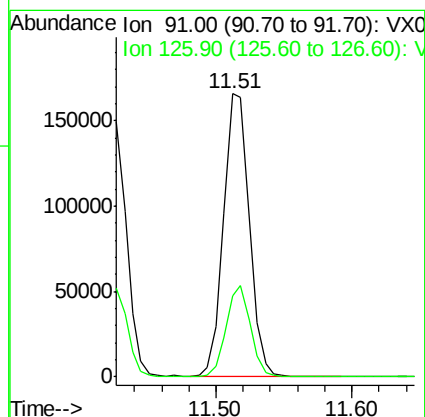
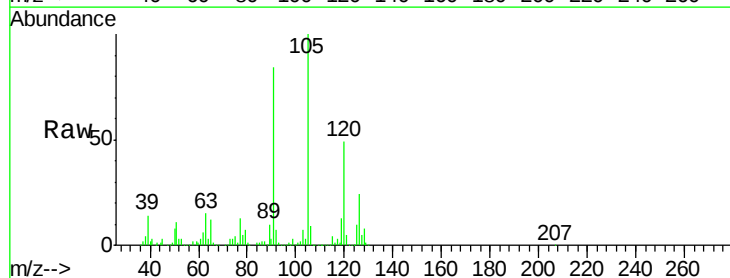
Acq: 01 Jun 2018 11:34

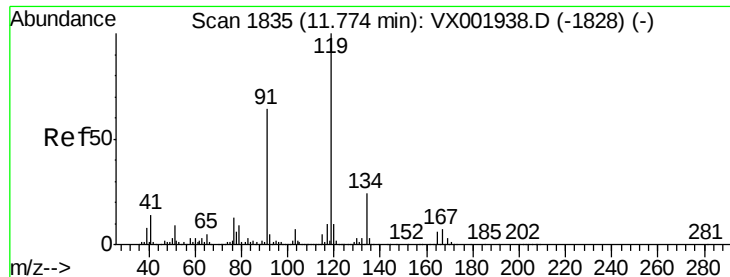
Tgt Ion: 91 Resp: 217839

Ion Ratio Lower Upper

91 100

126 30.6 15.3 45.8

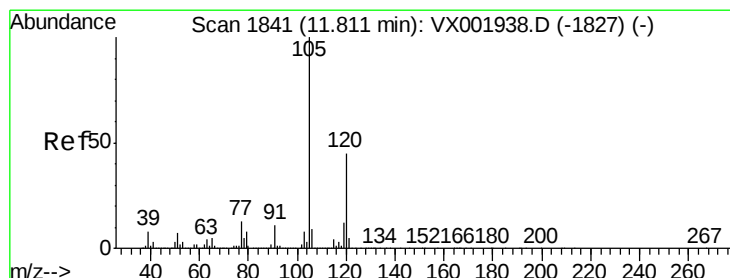
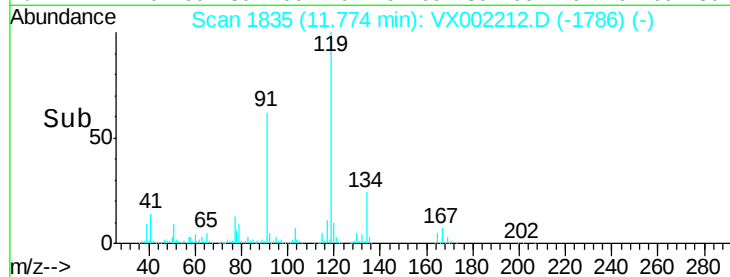
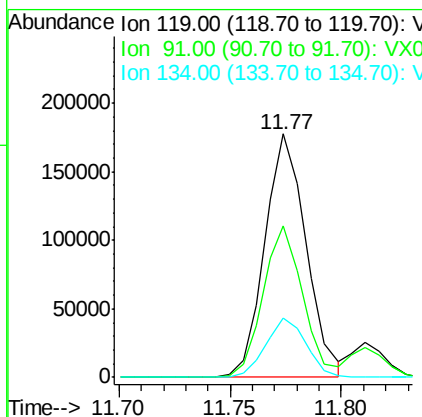
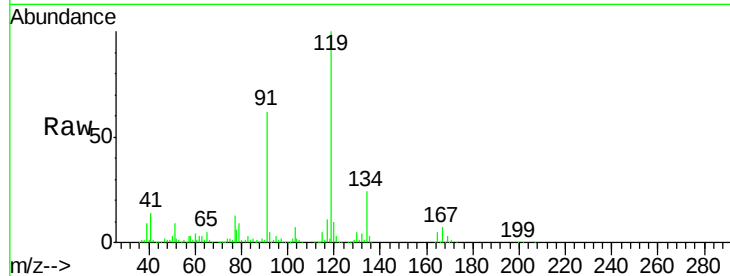




#83
tert-Butylbenzene
Concen: 18.685 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

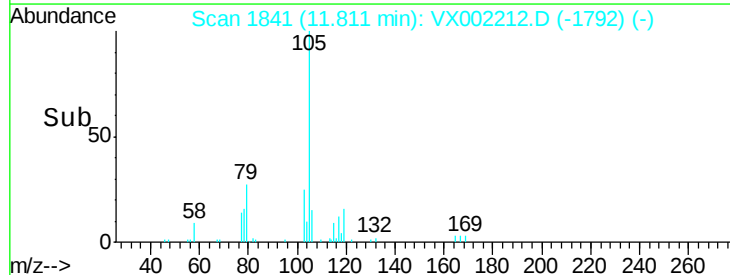
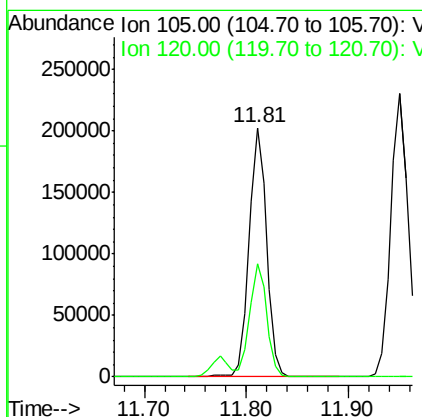
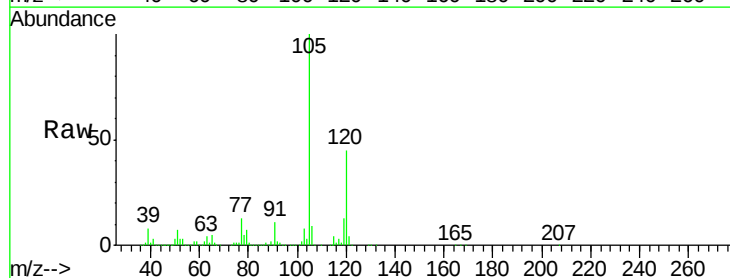
Instrument :
MSVOA_X
ClientSampleId :

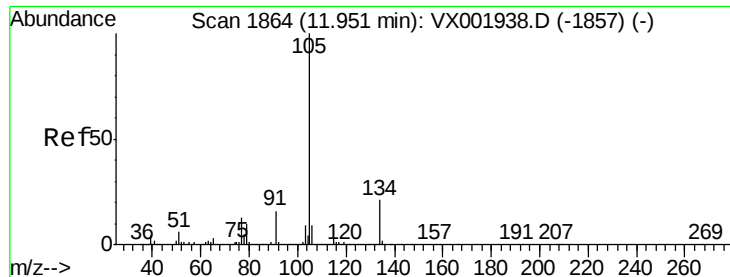
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.2	30.6	91.8
134	23.9	11.7	35.0



#84
1,2,4-Trimethylbenzene
Concen: 18.940 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002212.D
Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.1	66.5





#85

sec-Butylbenzene

Concen: 18.852 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

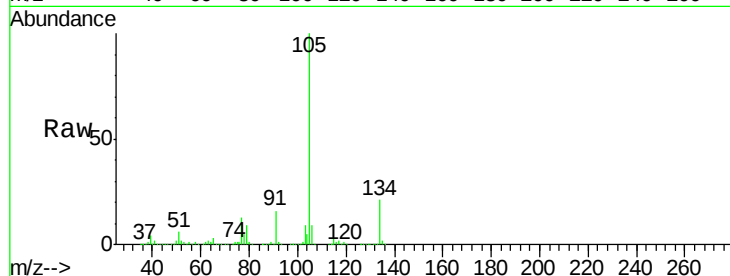
ClientSampleId :

Tot Ion:105 Resp: 276679

Ion Ratio Lower Upper

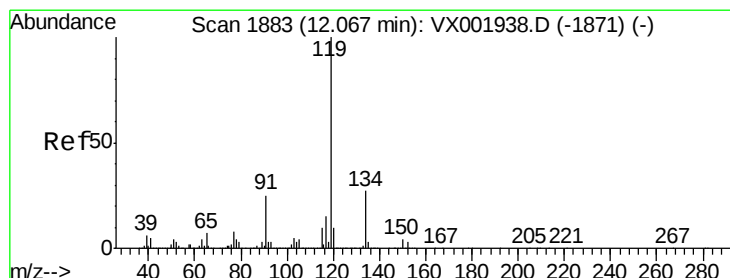
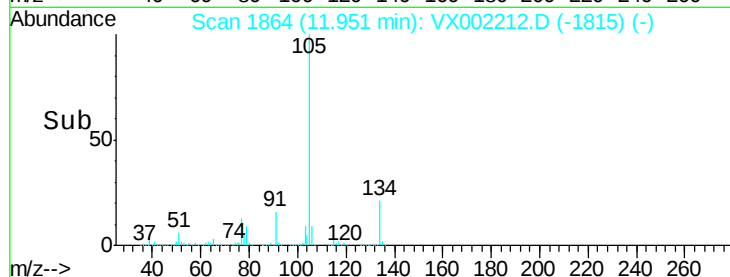
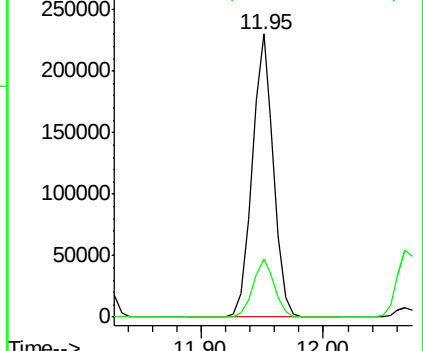
105 100

134 20.7 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.901 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

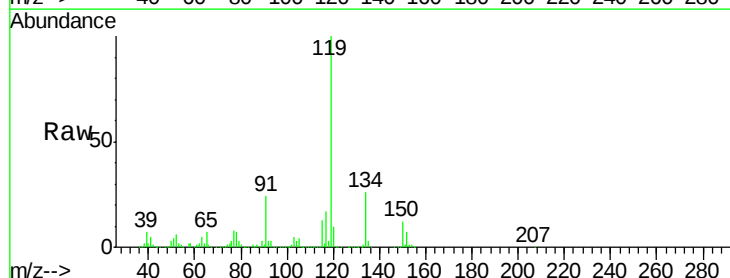
Tgt Ion:119 Resp: 248226

Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

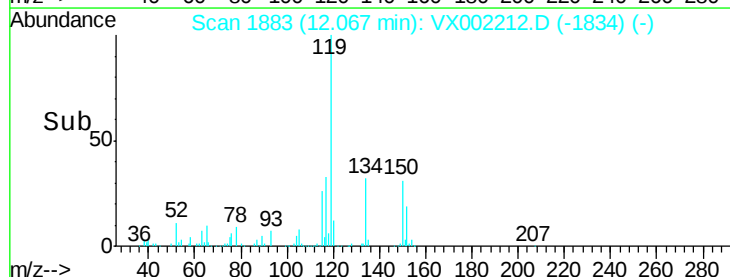
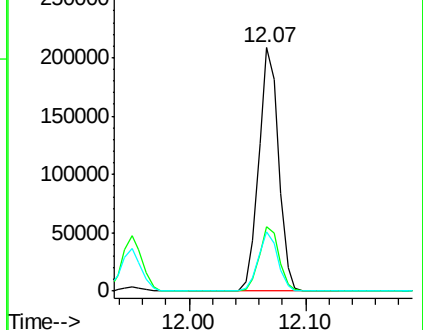
91 24.1 12.2 36.4

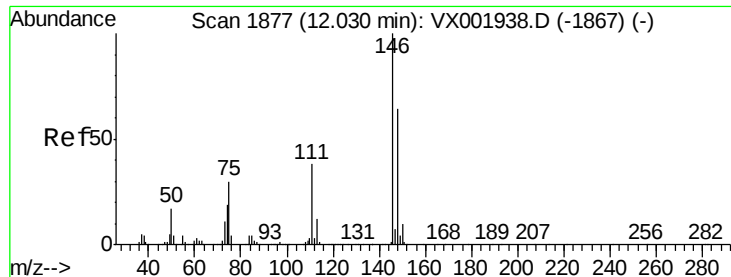


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

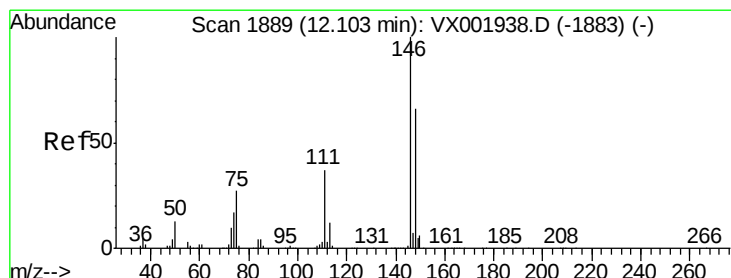
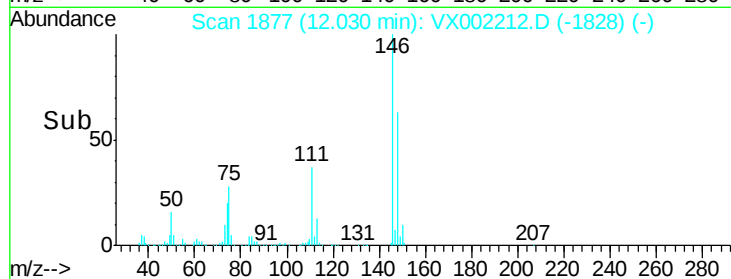
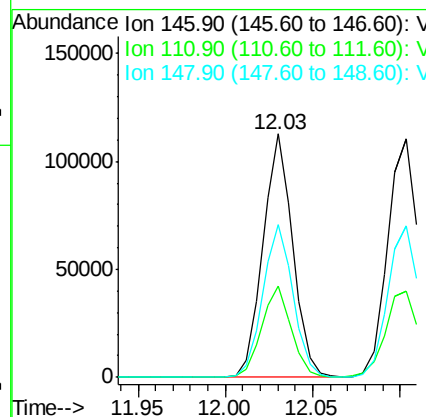
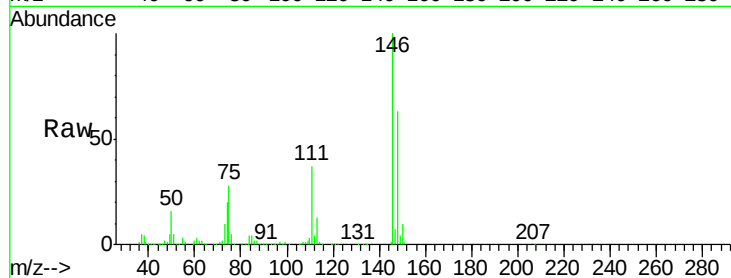




#87
 1,3-Dichlorobenzene
 Concen: 19.461 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

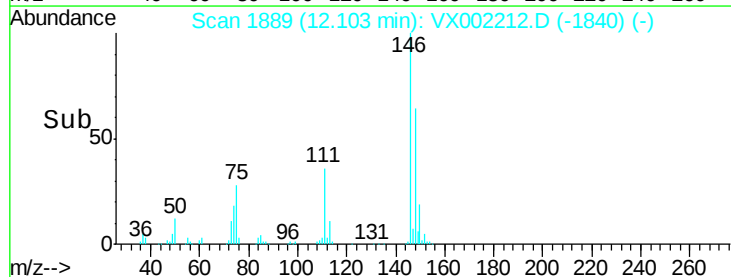
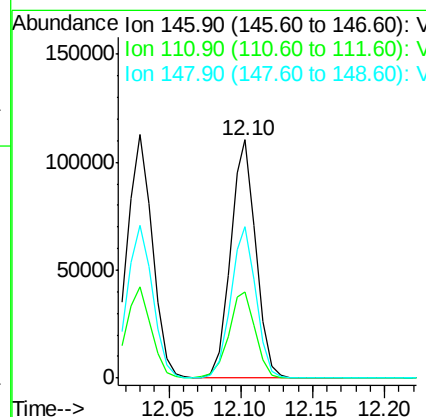
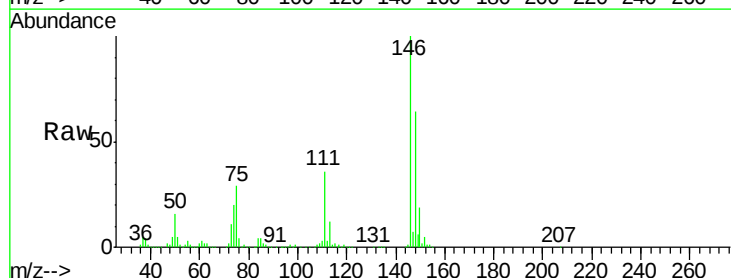
Instrument :
 MSVOA_X
 ClientSampleId :

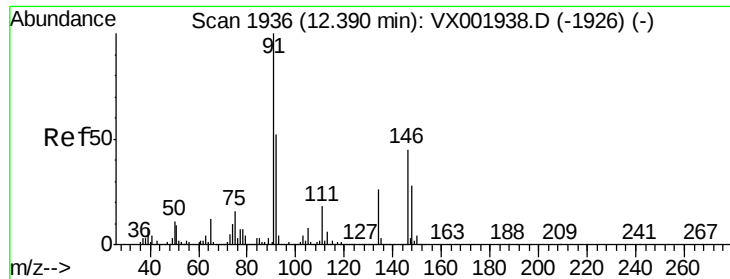
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.3	57.8
148	63.5	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.694 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.5
148	63.6	32.3	96.8





#89

n-Butylbenzene

Concen: 18.460 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

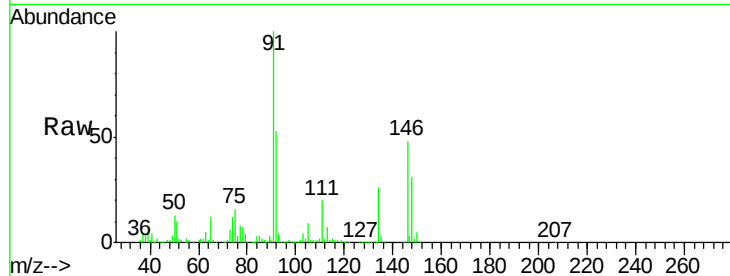
Tot Ion: 91 Resp: 205431

Ion Ratio Lower Upper

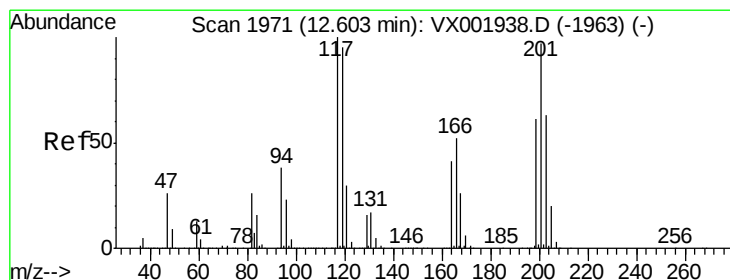
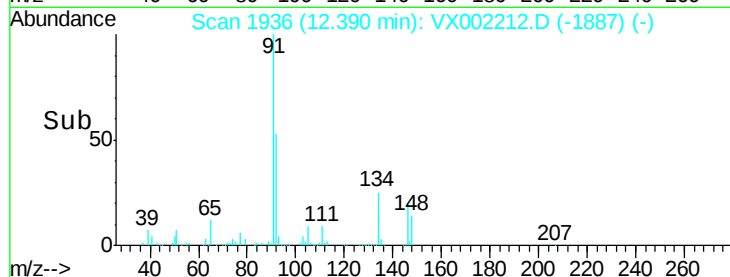
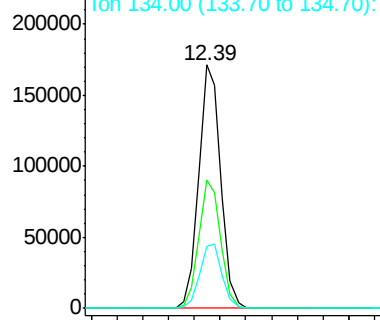
91 100

92 52.1 26.3 78.9

134 26.9 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX001938.D (-1926) (-)



#90

Hexachloroethane

Concen: 13.023 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. -0.01 min

Lab File: VX002212.D

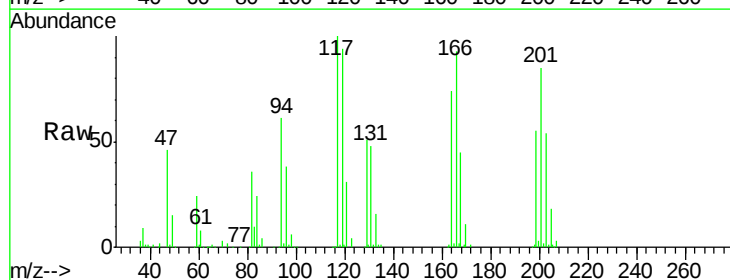
Acq: 01 Jun 2018 11:34

Tgt Ion: 117 Resp: 33736

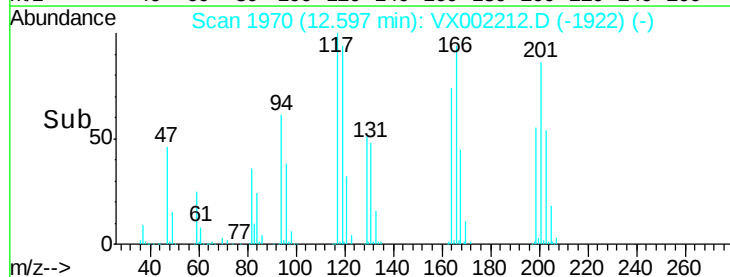
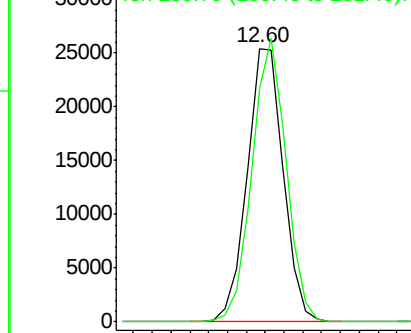
Ion Ratio Lower Upper

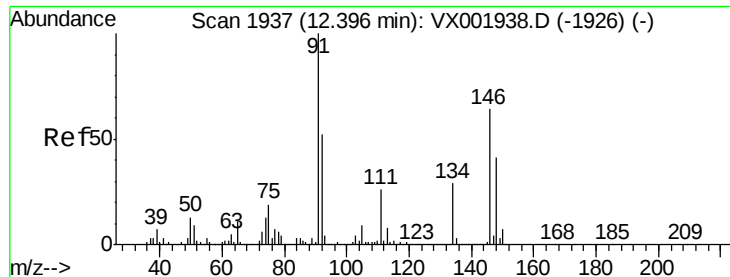
117 100

201 97.7 48.0 144.0



Abundance Ion 116.80 (116.50 to 117.50): VX001938.D (-1963) (-)





#91

1,2-Dichlorobenzene

Concen: 19.606 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

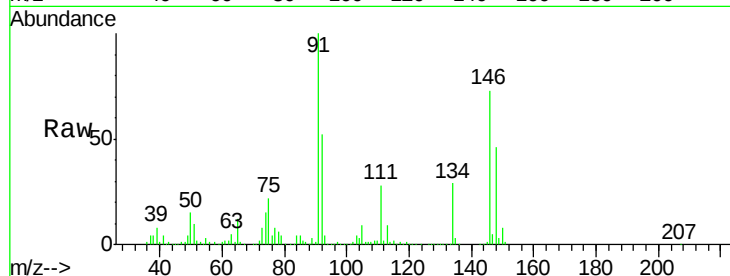
Tot Ion:146 Resp: 138190

Ion Ratio Lower Upper

146 100

111 38.8 19.8 59.3

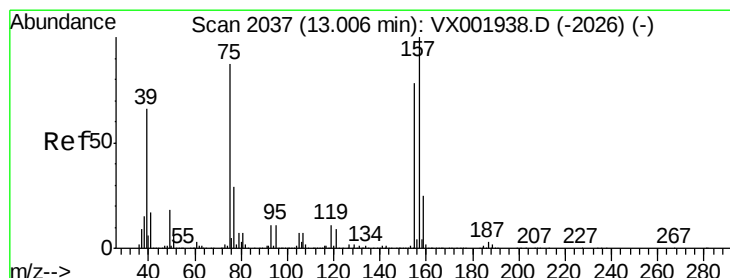
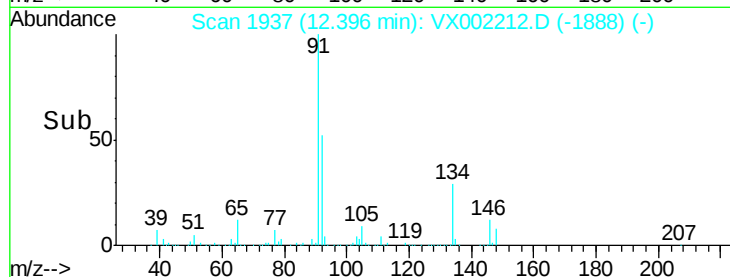
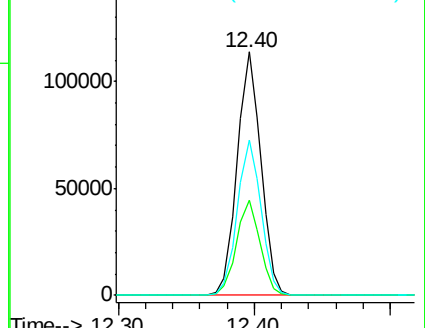
148 64.0 32.1 96.5



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: 13.813 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

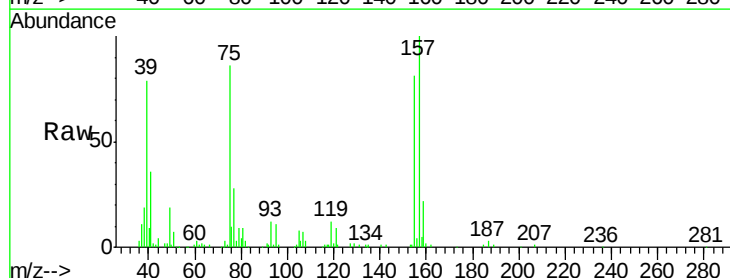
Tgt Ion: 75 Resp: 17879

Ion Ratio Lower Upper

75 100

155 90.3 45.1 135.2

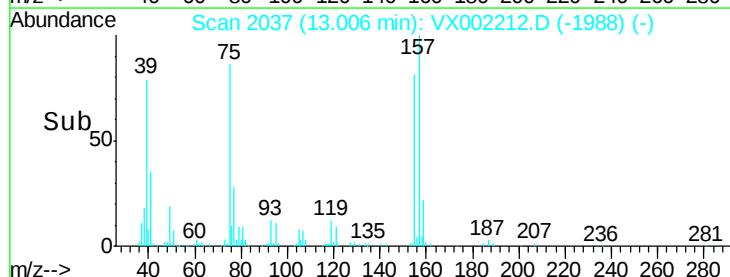
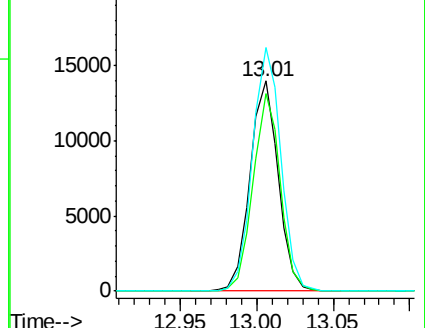
157 116.8 58.1 174.2

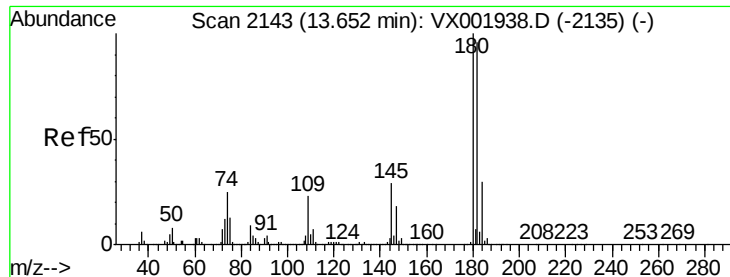


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

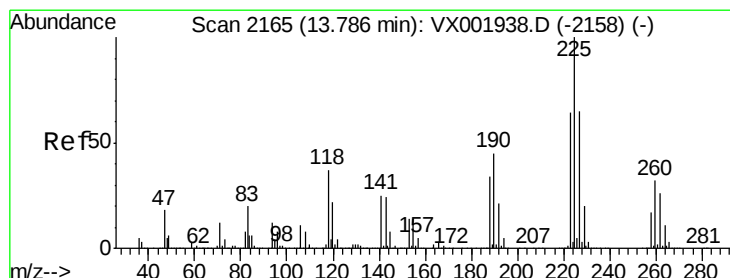
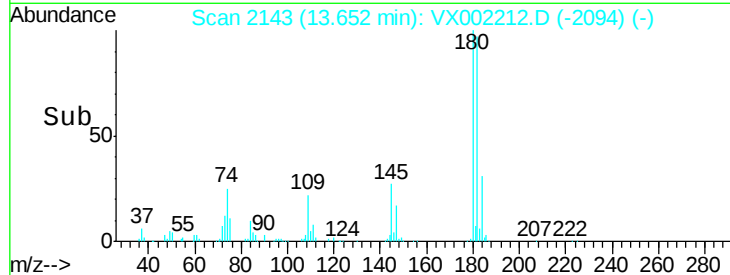
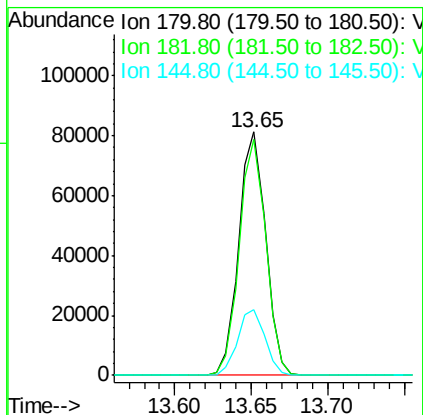
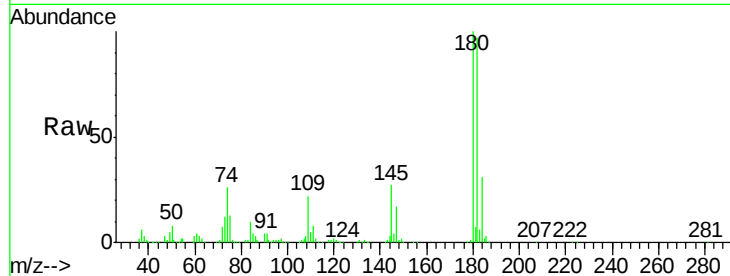




#93
 1,2,4-Trichlorobenzene
 Concen: 19.621 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

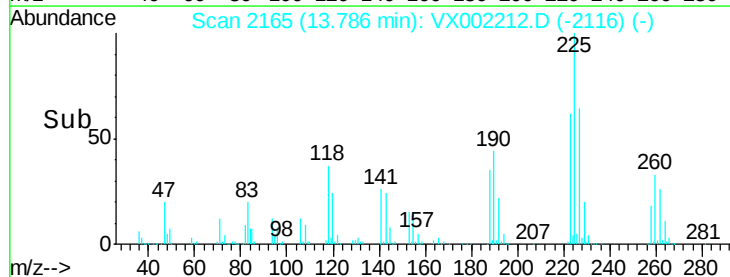
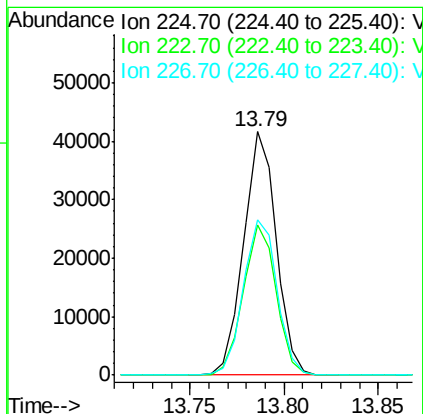
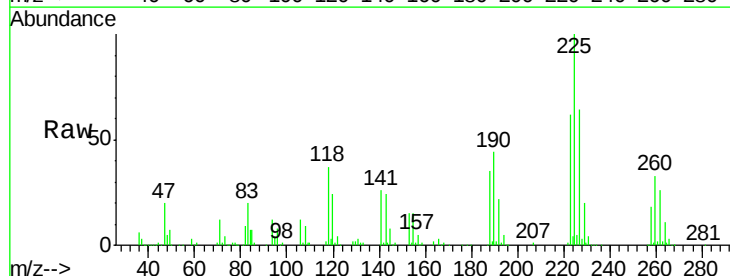
Instrument :
 MSVOA_X
 ClientSampleId :

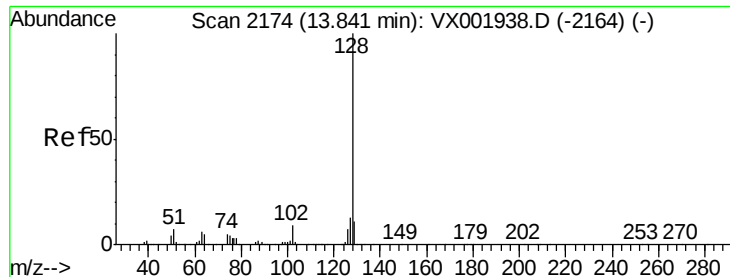
Tot Ion:180 Resp: 98888
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.7 143.1
 145 27.6 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 18.393 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002212.D
 Acq: 01 Jun 2018 11:34

Tgt Ion:225 Resp: 49867
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.5
 227 66.0 32.1 96.5





#95

Naphthalene

Concen: 19.040 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

Instrument :

MSVOA_X

ClientSampleId :

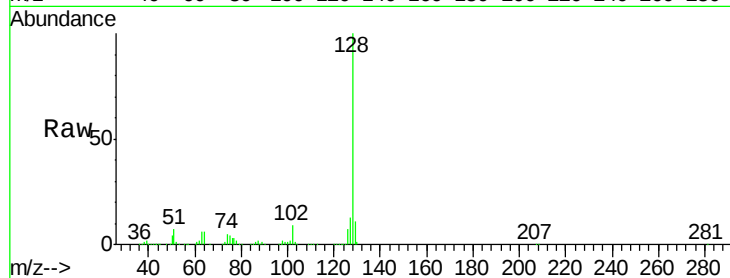
Tot Ion:128 Resp: 295653

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

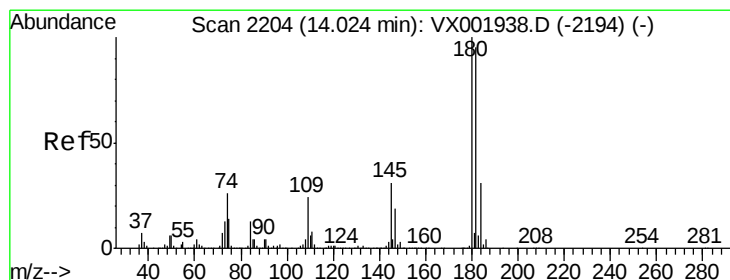
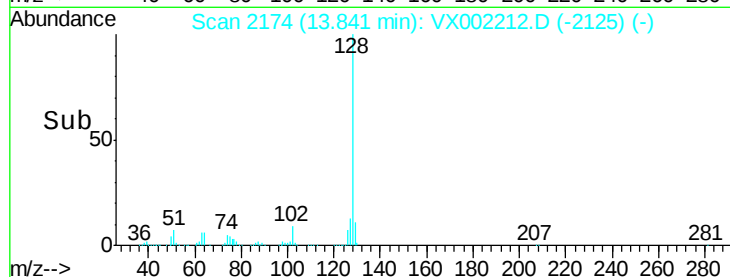
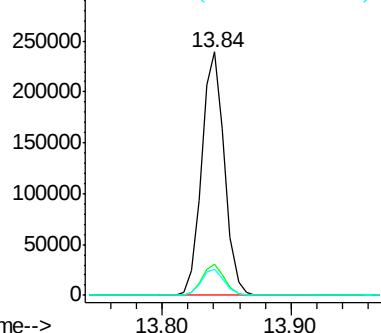
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.581 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002212.D

Acq: 01 Jun 2018 11:34

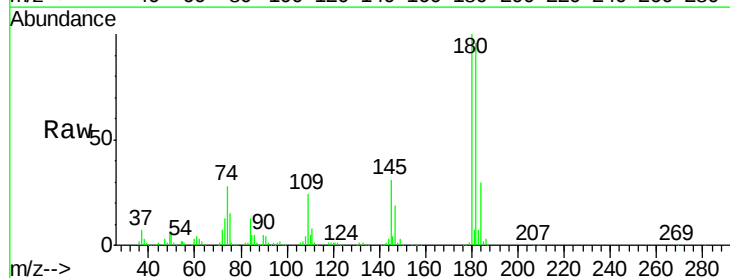
Tgt Ion:180 Resp: 102117

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.6

145 30.0 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

