

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX060118\
 Data File : VX002218.D
 Acq On : 01 Jun 2018 18:09
 Operator : JC/MD
 Sample : VX0601WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 02 03:19:00 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	195743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	272380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	254187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	168487	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	164402	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	
35) Dibromofluoromethane	5.51	113	122332	44.91	ug/l	0.00
Spiked Amount			Recovery	=	89.82%	
50) Toluene-d8	8.72	98	466754	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	
62) 4-Bromofluorobenzene	11.14	95	174478	45.22	ug/l	0.00
Spiked Amount			Recovery	=	90.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40356	15.05	ug/l	100
3) Chloromethane	1.32	50	51286	17.03	ug/l	97
4) Vinyl Chloride	1.40	62	54724	18.82	ug/l	97
5) Bromomethane	1.64	94	34276	25.13	ug/l	99
6) Chloroethane	1.73	64	36098	21.06	ug/l	98
7) Trichlorofluoromethane	1.93	101	94383	21.61	ug/l	98
8) Diethyl Ether	2.19	74	37404	23.61	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55612	22.82	ug/l	96
10) Methyl Iodide	2.51	142	61214	18.57	ug/l	97
11) Tert butyl alcohol	3.07	59	84320	122.77	ug/l	98
12) 1,1-Dichloroethene	2.37	96	47201	20.69	ug/l	93
13) Acrolein	2.29	56	22433	75.54	ug/l	99
14) Allyl chloride	2.73	41	102157	21.33	ug/l	96
15) Acrylonitrile	3.15	53	166770	118.08	ug/l	99
16) Acetone	2.45	43	170175	126.02	ug/l	99
17) Carbon Disulfide	2.57	76	102152	15.56	ug/l	100
18) Methyl Acetate	2.78	43	86522	26.05	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	199020	23.19	ug/l	100
20) Methylene Chloride	2.86	84	57818	23.86	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	51900	22.50	ug/l	97
22) Diisopropyl ether	3.87	45	194436	19.96	ug/l	95
23) Vinyl Acetate	3.82	43	897921	111.17	ug/l	98
24) 1,1-Dichloroethane	3.70	63	107196	23.17	ug/l	98
25) 2-Butanone	4.71	43	230468	93.12	ug/l	97
26) 2,2-Dichloropropane	4.59	77	74572	15.92	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	55002	18.49	ug/l	95
28) Bromochloromethane	5.03	49	47935	23.57	ug/l	99
29) Tetrahydrofuran	5.17	42	146604	91.05	ug/l	99
30) Chloroform	5.22	83	97581	18.72	ug/l	98
31) Cyclohexane	5.57	56	82898	17.19	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	82046	16.88	ug/l	98
36) 1,1-Dichloropropene	5.80	75	69107	18.24	ug/l	99
37) Ethyl Acetate	4.87	43	87212	17.66	ug/l	100
38) Carbon Tetrachloride	5.79	117	70053	15.86	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 02 03:19:00 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	86491	18.58	ug/l	96
40) Benzene	6.15	78	211151	19.02	ug/l	97
41) Methacrylonitrile	5.06	41	50957	18.70	ug/l	99
42) 1,2-Dichloroethane	6.20	62	85752	19.34	ug/l	100
43) Isopropyl Acetate	6.47	43	146502	17.80	ug/l	99
44) Trichloroethene	7.21	130	59608	18.43	ug/l	95
45) 1,2-Dichloropropane	7.52	63	57901	19.21	ug/l	99
46) Dibromomethane	7.67	93	38099	19.09	ug/l	98
47) Bromodichloromethane	7.90	83	67073	15.76	ug/l	99
48) Methyl methacrylate	7.78	41	75049	17.92	ug/l	98
49) 1,4-Dioxane	7.76	88	27867	377.53	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	479849	96.72	ug/l	99
52) Toluene	8.79	92	135699	19.21	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	82109	16.75	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	74933	15.69	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	56883	19.28	ug/l	98
56) Ethyl methacrylate	9.18	69	87644	17.27	ug/l	96
57) 1,3-Dichloropropane	9.38	76	95929	19.73	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	193868	86.18	ug/l	100
59) 2-Hexanone	9.50	43	366208	95.73	ug/l	98
60) Dibromochloromethane	9.59	129	53322	15.26	ug/l	100
61) 1,2-Dibromoethane	9.68	107	58634	18.94	ug/l	100
64) Tetrachloroethene	9.34	164	68085	18.68	ug/l	98
65) Chlorobenzene	10.14	112	154800	19.22	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	54416	16.73	ug/l	99
67) Ethyl Benzene	10.26	91	262460	18.76	ug/l	99
68) m/p-Xylenes	10.37	106	202622	37.88	ug/l	100
69) o-Xylene	10.70	106	100226	18.77	ug/l	99
70) Styrene	10.72	104	161641	18.25	ug/l	99
71) Bromoform	10.86	173	38811	12.59	ug/l #	97
73) Isopropylbenzene	11.02	105	272272	19.08	ug/l	99
74) N-amyl acetate	6.47	43	146502	17.76	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	83012	20.53	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	96795	23.92	ug/l	81
77) Bromobenzene	11.26	156	73435	19.40	ug/l	95
78) n-propylbenzene	11.37	91	306093	19.16	ug/l	99
79) 2-Chlorotoluene	11.43	91	183929	19.58	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	231126	18.96	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21214	12.60	ug/l #	83
82) 4-Chlorotoluene	11.51	91	213605	18.95	ug/l	99
83) tert-Butylbenzene	11.77	119	223271	18.66	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	235560	18.69	ug/l	100
85) sec-Butylbenzene	11.95	105	278922	19.39	ug/l	99
86) p-Isopropyltoluene	12.07	119	247098	19.20	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	132581	19.56	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	131928	19.47	ug/l	99
89) n-Butylbenzene	12.39	91	209679	19.23	ug/l	99
90) Hexachloroethane	12.60	117	33768	13.30	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	134980	19.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17235	13.59	ug/l	98

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 02 03:19:00 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	95657	19.37	ug/l	99
94) Hexachlorobutadiene	13.79	225	52470	19.75	ug/l	98
95) Naphthalene	13.84	128	285960	18.79	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	99713	19.51	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

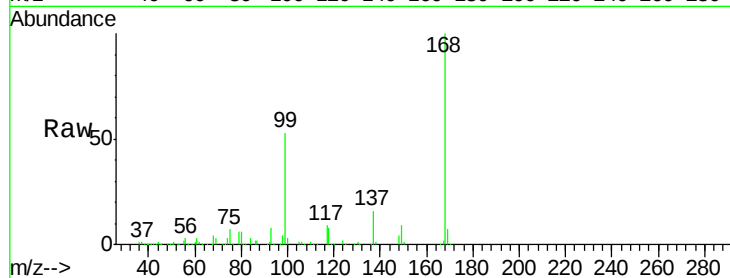
ClientSampleId :

Tot Ion:168 Resp: 195743

Ion Ratio Lower Upper

168 100

99 52.5 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

80000

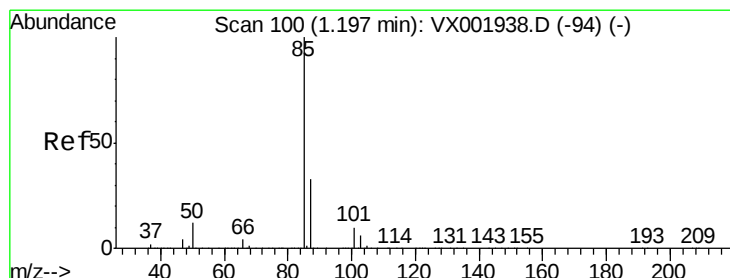
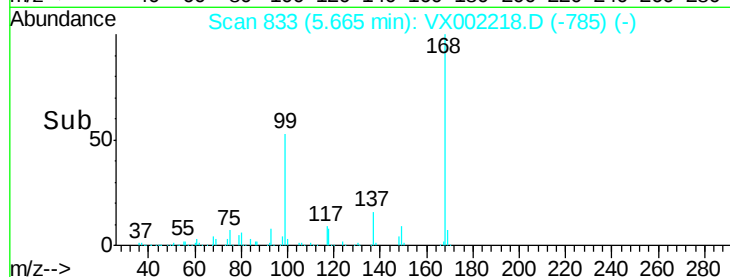
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 15.05 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002218.D

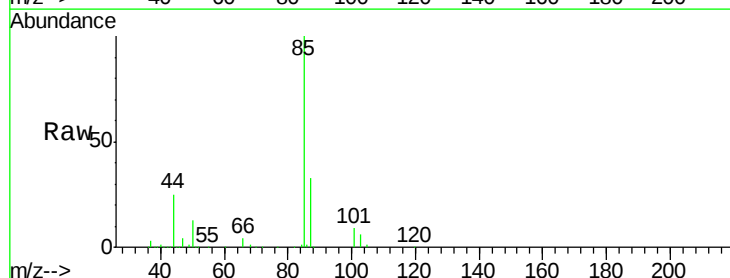
Acq: 01 Jun 2018 18:09

Tgt Ion: 85 Resp: 40356

Ion Ratio Lower Upper

85 100

87 33.1 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

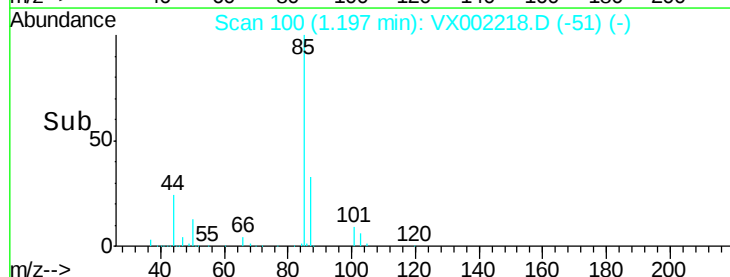
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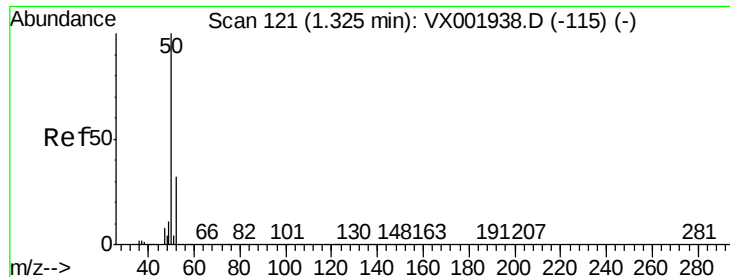
20000

10000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 17.03 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

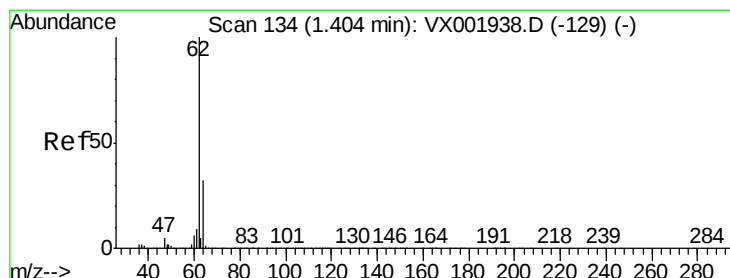
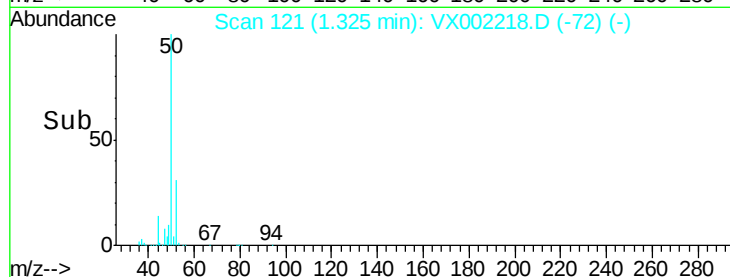
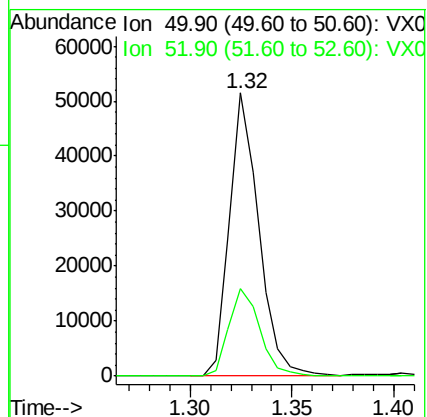
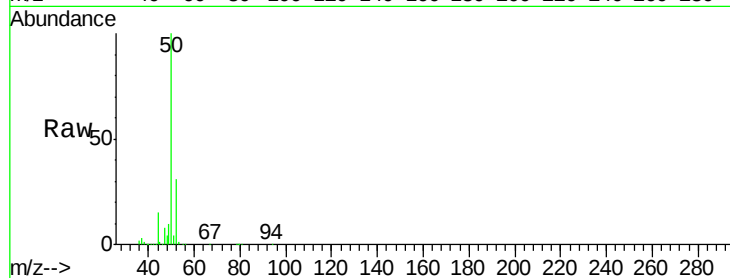
ClientSampleId :

Tot Ion: 50 Resp: 51286

Ion Ratio Lower Upper

50 100

52 30.8 26.0 39.0



#4

Vinyl Chloride

Concen: 18.82 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002218.D

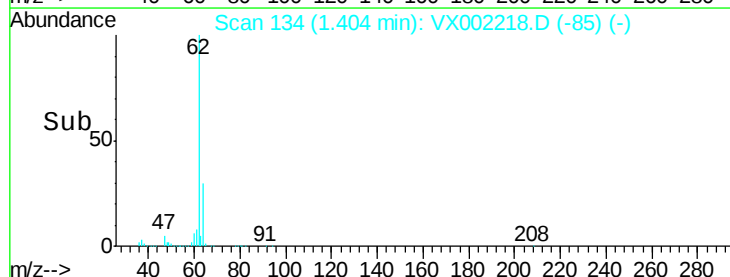
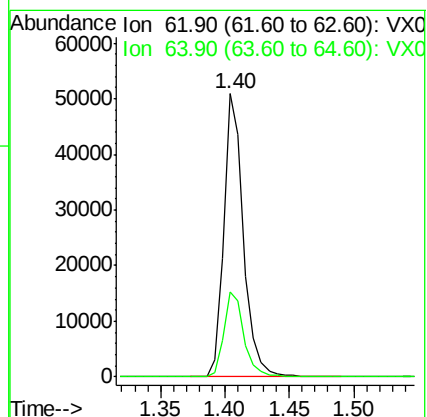
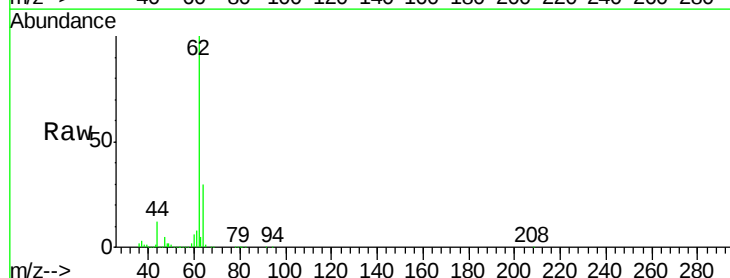
Acq: 01 Jun 2018 18:09

Tgt Ion: 62 Resp: 54724

Ion Ratio Lower Upper

62 100

64 30.0 25.4 38.0





#5

Bromomethane

Concen: 25.13 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

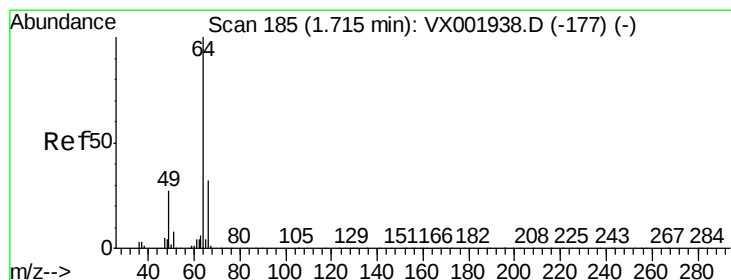
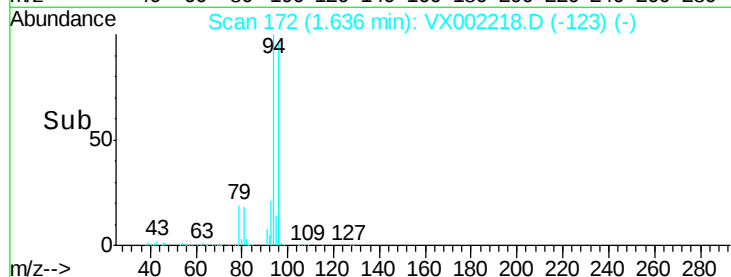
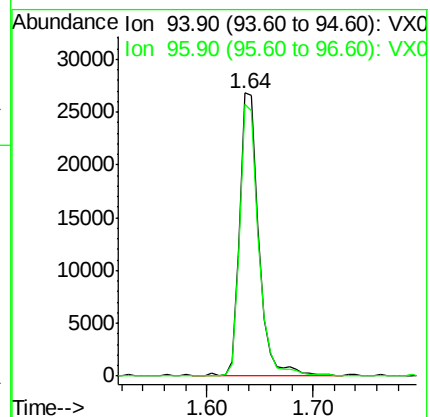
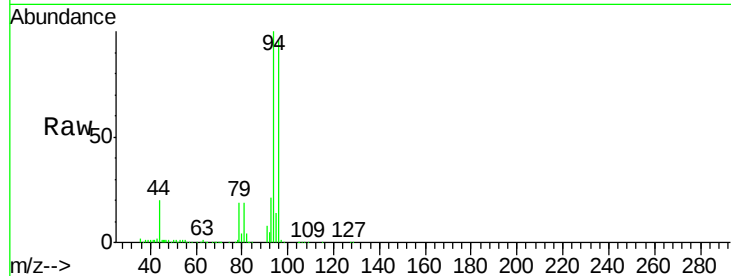
ClientSampleId :

Tot Ion: 94 Resp: 34276

Ion Ratio Lower Upper

94 100

96 96.1 75.9 113.9



#6

Chloroethane

Concen: 21.06 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002218.D

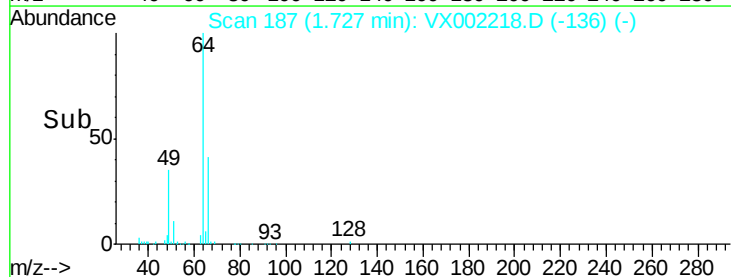
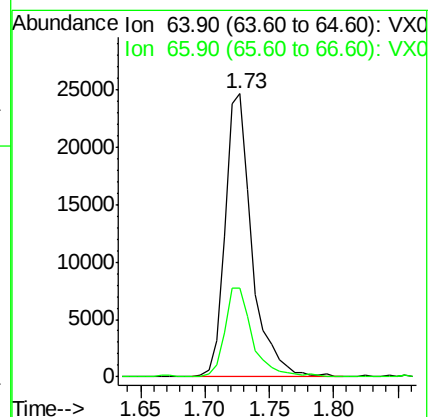
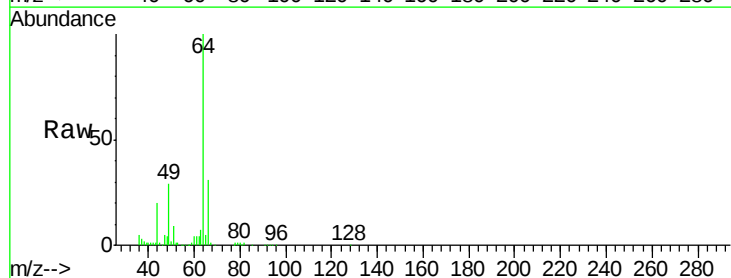
Acq: 01 Jun 2018 18:09

Tgt Ion: 64 Resp: 36098

Ion Ratio Lower Upper

64 100

66 31.1 25.6 38.4



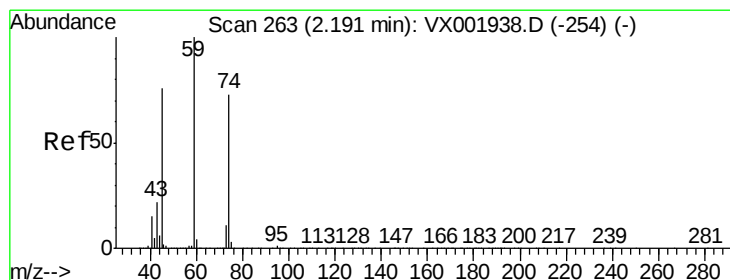
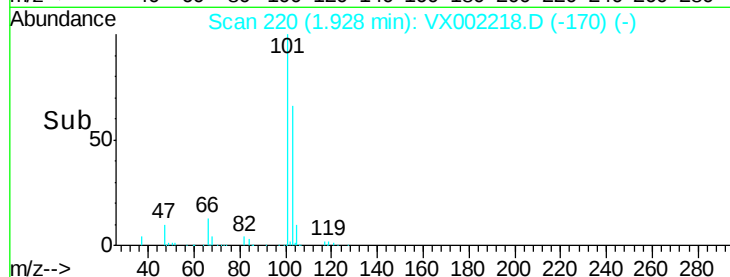
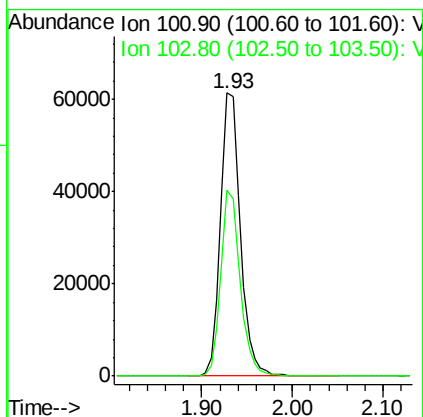
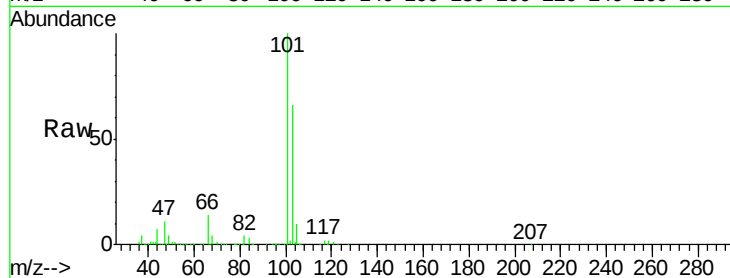


#7

Trichlorofluoromethane
Concen: 21.61 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :

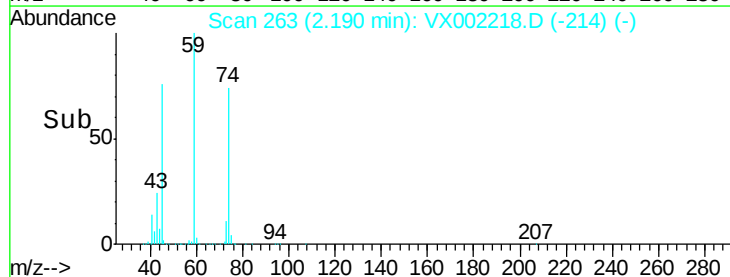
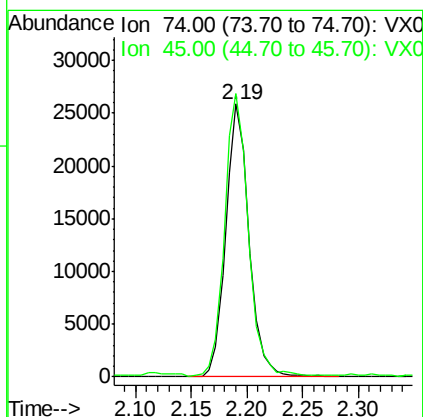
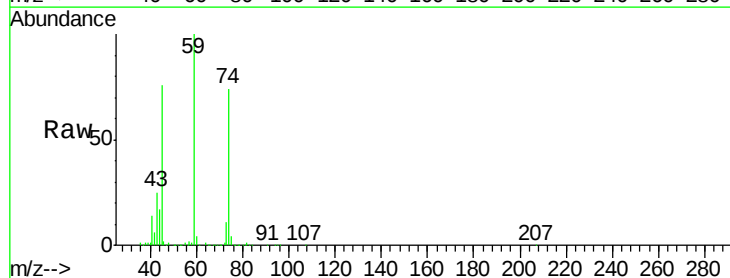
Tot Ion:101 Resp: 94383
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0

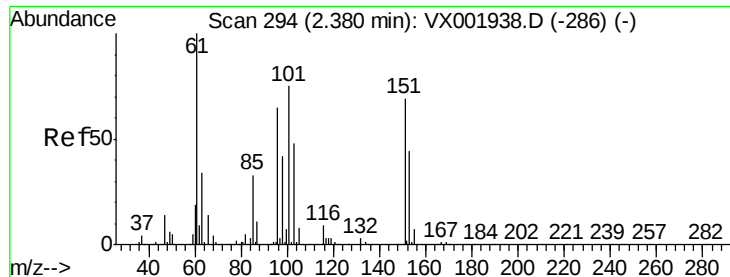


#8

Diethyl Ether
Concen: 23.61 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion: 74 Resp: 37404
Ion Ratio Lower Upper
74 100
45 105.2 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.82 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

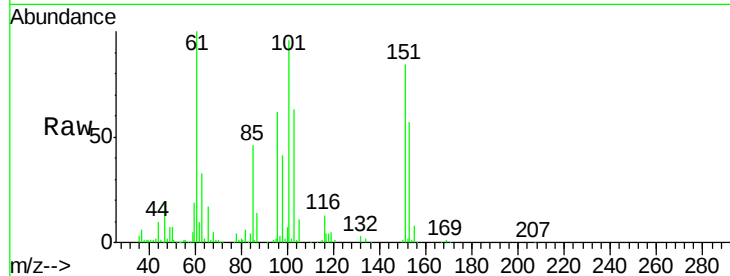
Tot Ion:101 Resp: 55612

Ion Ratio Lower Upper

101 100

85 45.3 35.6 53.4

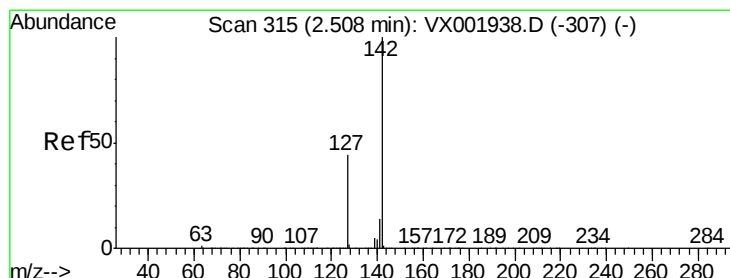
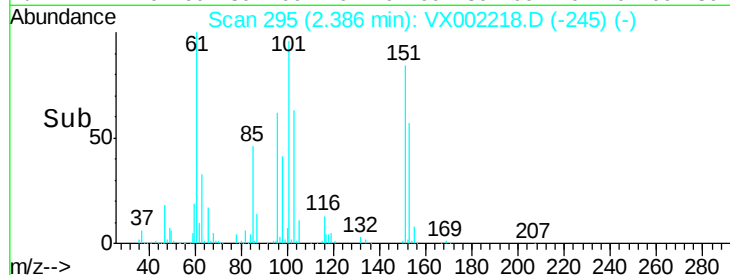
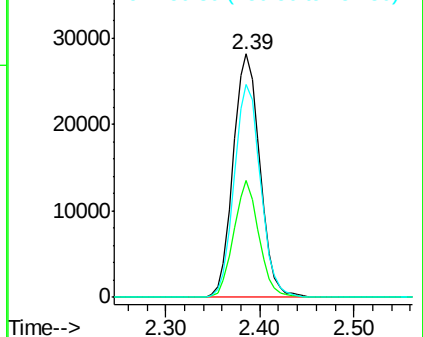
151 86.4 73.2 109.8



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: 18.57 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

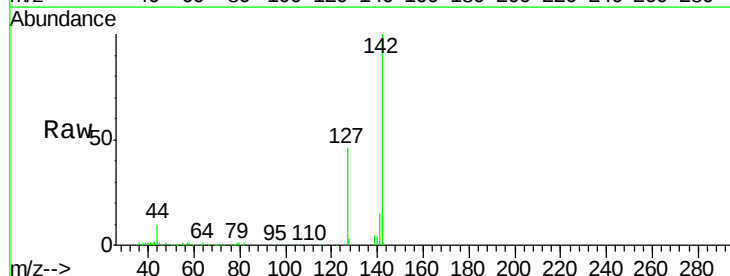
Tgt Ion:142 Resp: 61214

Ion Ratio Lower Upper

142 100

127 46.9 35.5 53.3

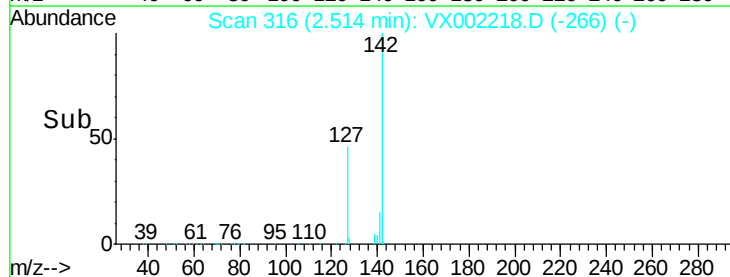
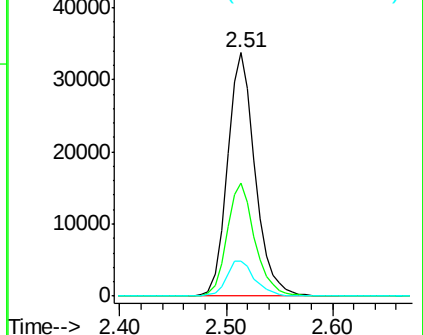
141 14.9 11.3 16.9



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



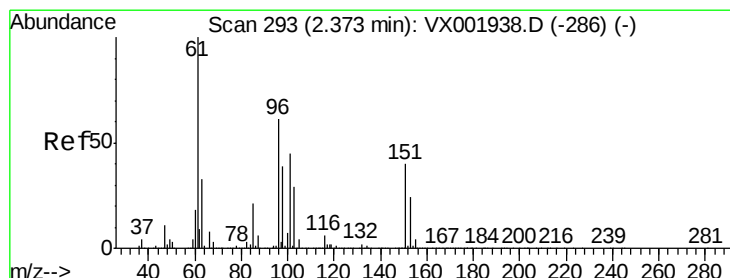
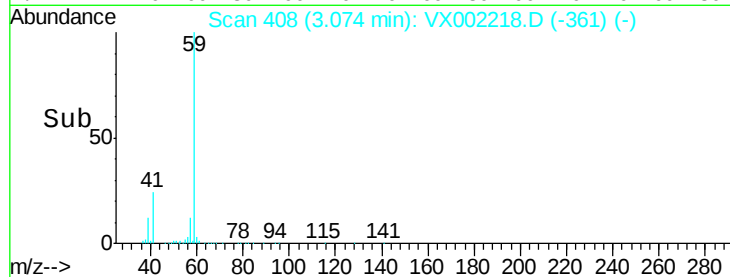
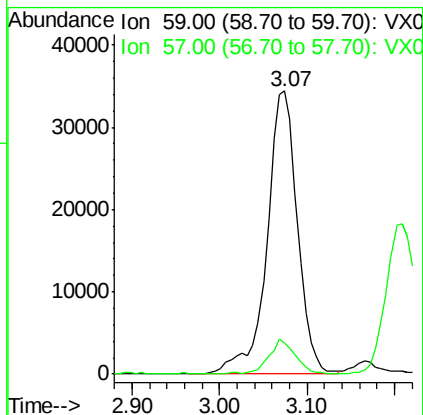
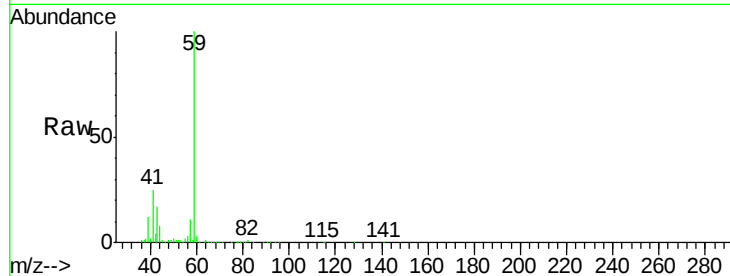


#11

Tert butyl alcohol
Concen: 122.77 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :

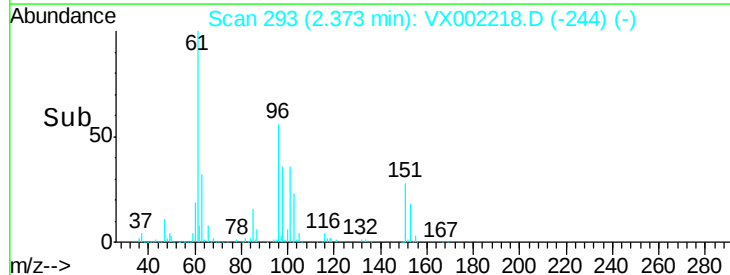
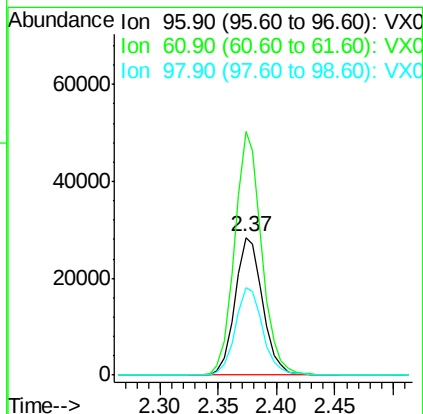
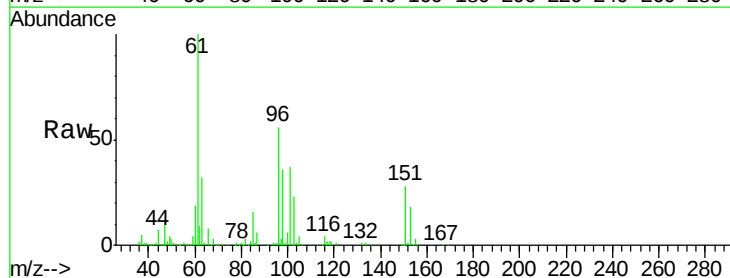
Tot Ion: 59 Resp: 84320
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3

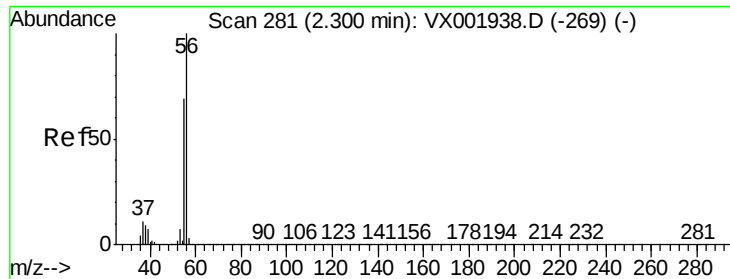


#12

1,1-Dichloroethene
Concen: 20.69 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion: 96 Resp: 47201
Ion Ratio Lower Upper
96 100
61 177.1 131.7 197.5
98 63.3 51.6 77.4





#13

Acrolein

Concen: 75.54 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

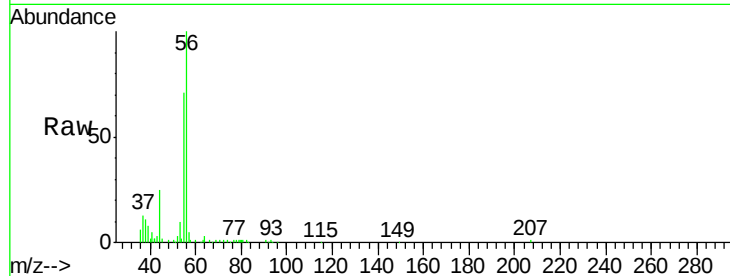
ClientSampleId :

Tot Ion: 56 Resp: 22433

Ion Ratio Lower Upper

56 100

55 71.6 56.8 85.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

15000

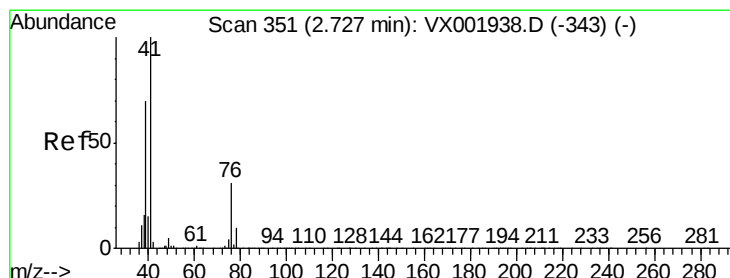
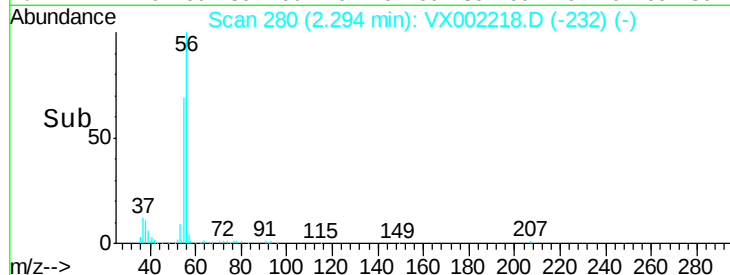
10000

5000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 21.33 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

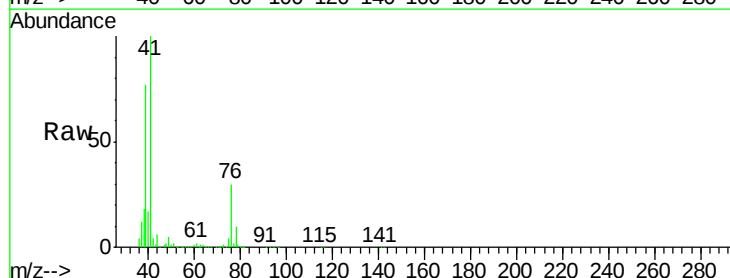
Tgt Ion: 41 Resp: 102157

Ion Ratio Lower Upper

41 100

39 71.2 54.3 81.5

76 28.4 24.2 36.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.73

60000

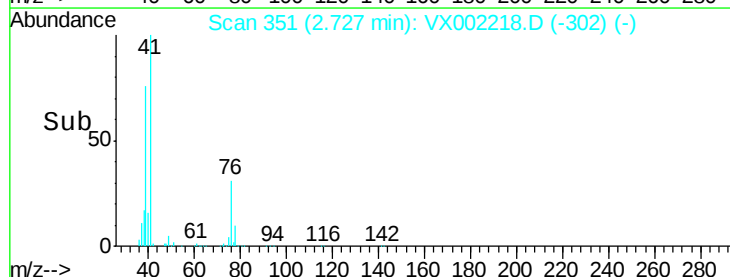
40000

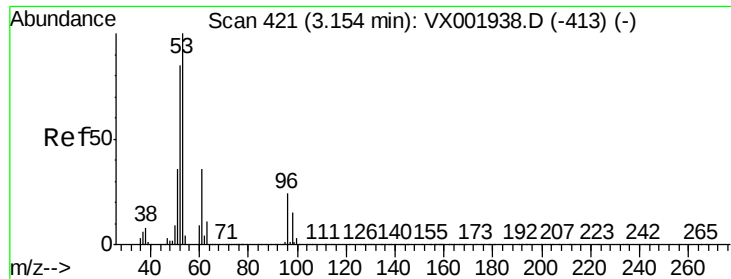
20000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 118.08 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampled :

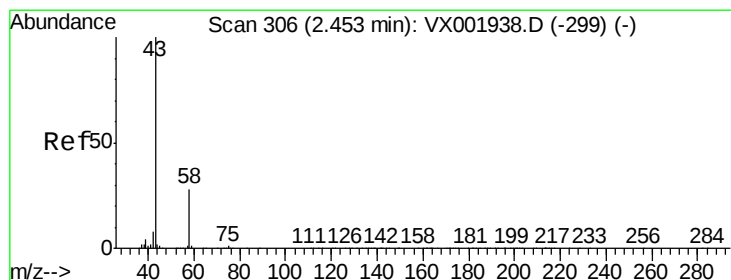
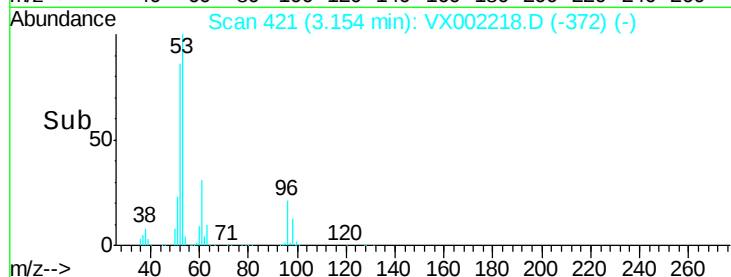
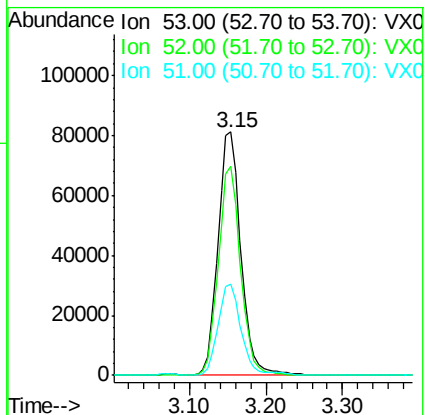
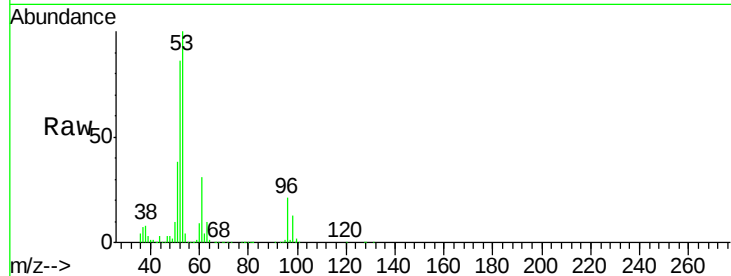
Tot Ion: 53 Resp: 166770

Ion Ratio Lower Upper

53 100

52 83.8 66.4 99.6

51 38.2 29.3 43.9



#16

Acetone

Concen: 126.02 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002218.D

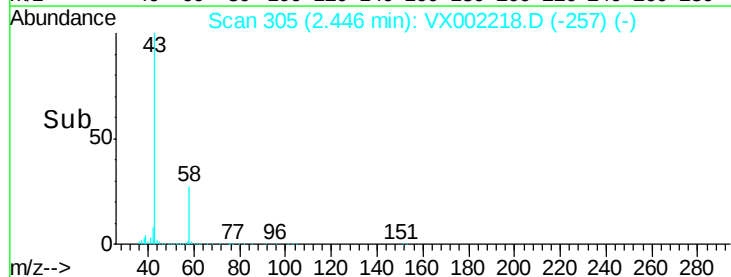
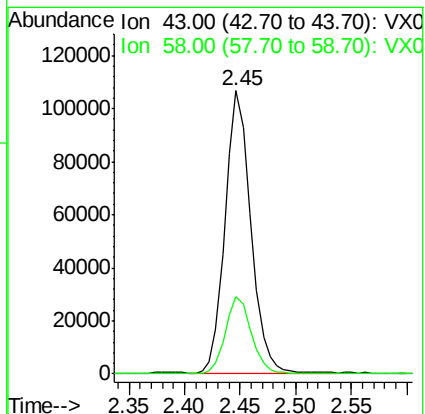
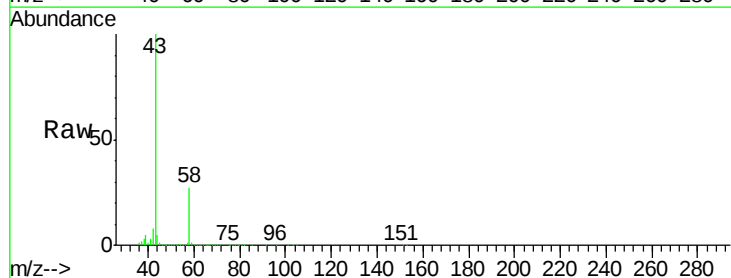
Acq: 01 Jun 2018 18:09

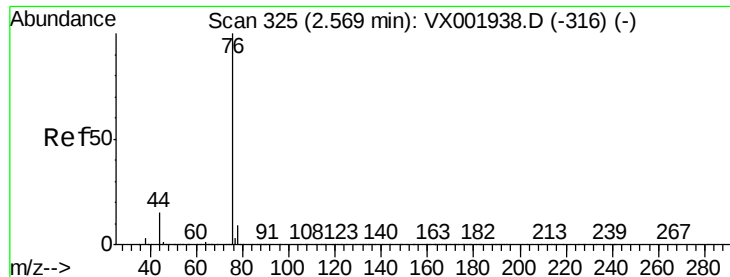
Tgt Ion: 43 Resp: 170175

Ion Ratio Lower Upper

43 100

58 27.3 22.3 33.5





#17

Carbon Disulfide

Concen: 15.56 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

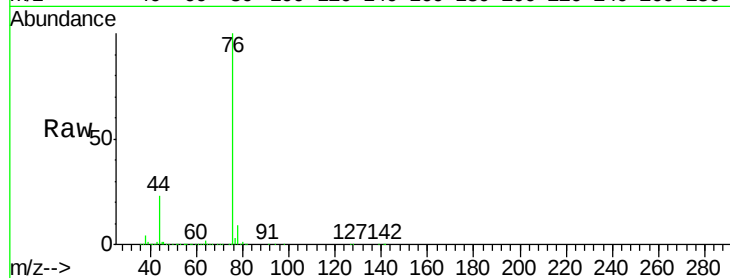
ClientSampleId :

Tot Ion: 76 Resp: 102152

Ion Ratio Lower Upper

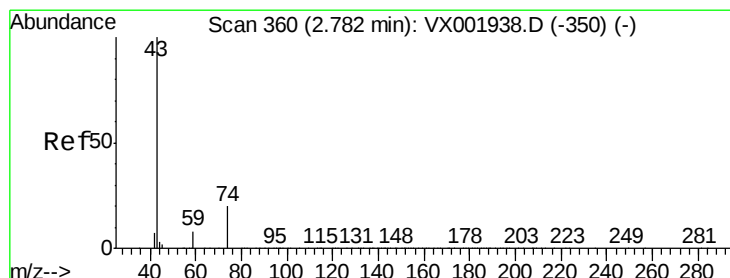
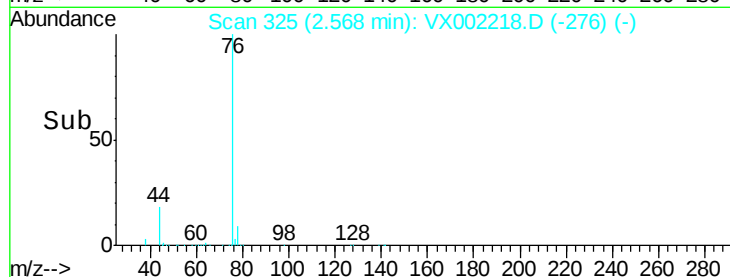
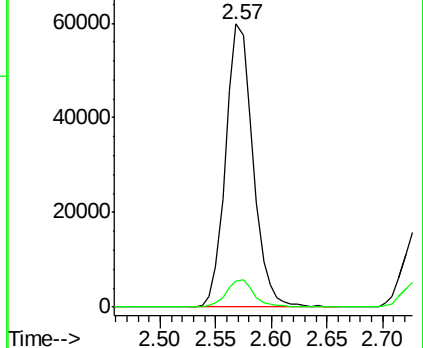
76 100

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: 26.05 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002218.D

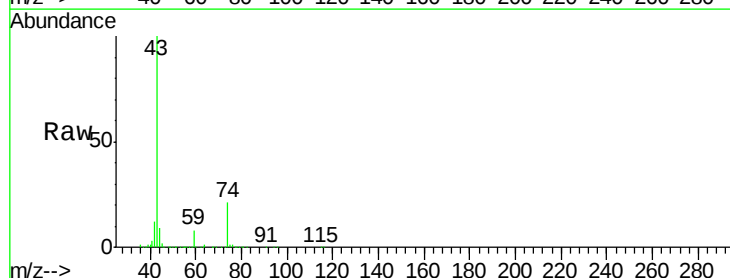
Acq: 01 Jun 2018 18:09

Tgt Ion: 43 Resp: 86522

Ion Ratio Lower Upper

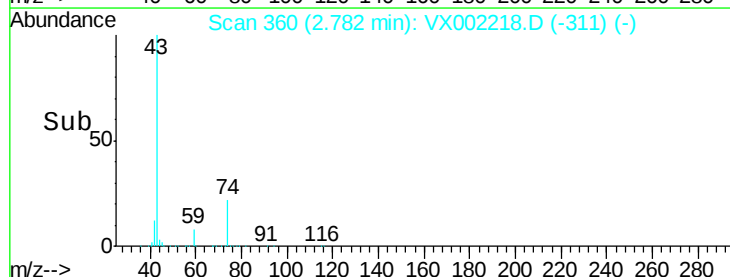
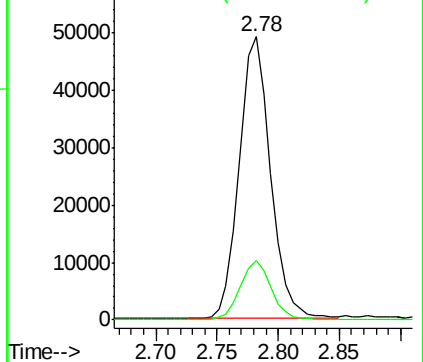
43 100

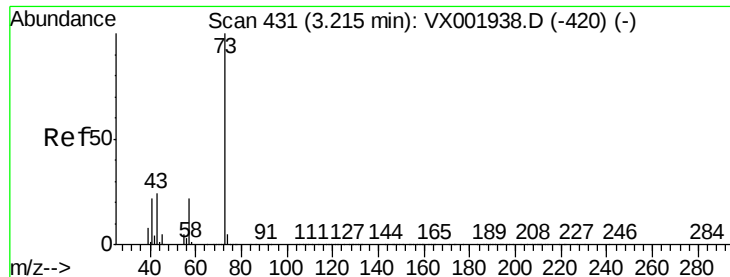
74 21.7 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

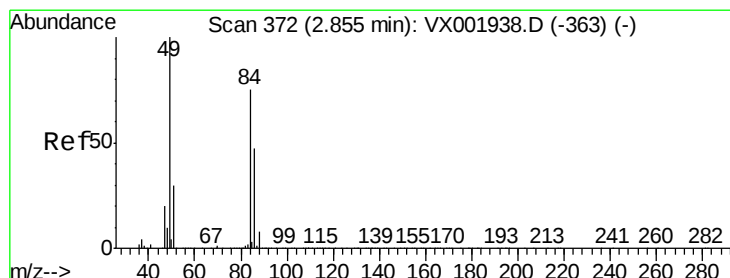
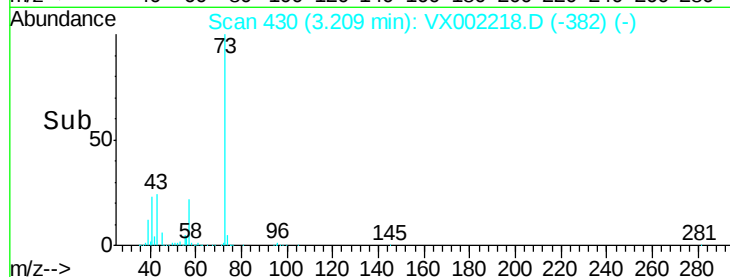
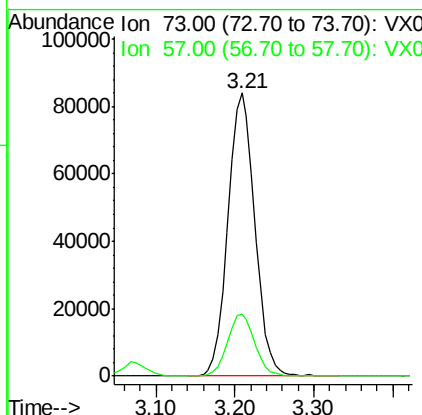
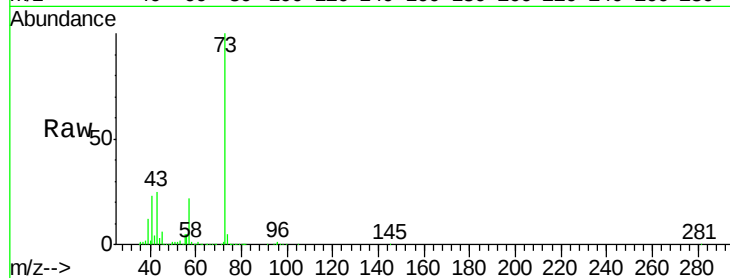




#19
Methvl tert-butvl Ether
Concen: 23.19 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

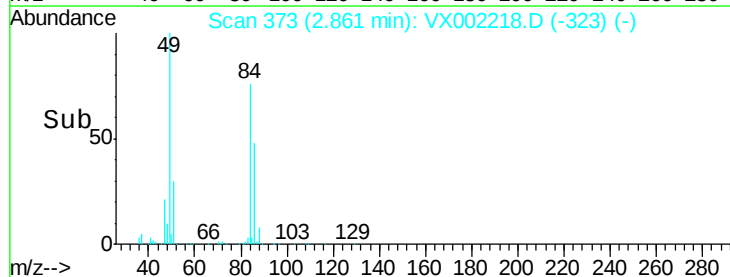
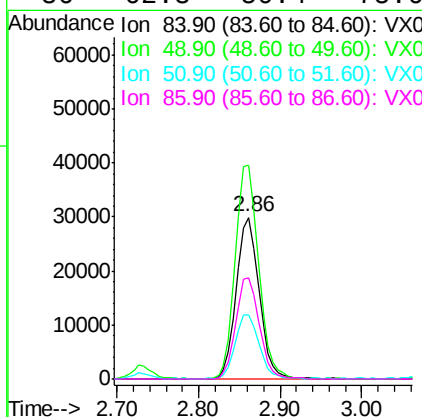
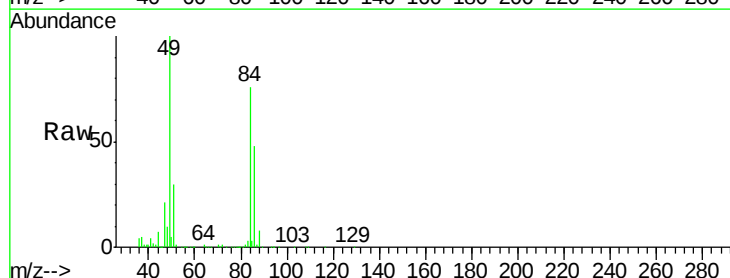
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 199020
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0



#20
Methylene Chloride
Concen: 23.86 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion: 84 Resp: 57818
Ion Ratio Lower Upper
84 100
49 131.8 107.2 160.8
51 39.2 32.4 48.6
86 62.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 22.50 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

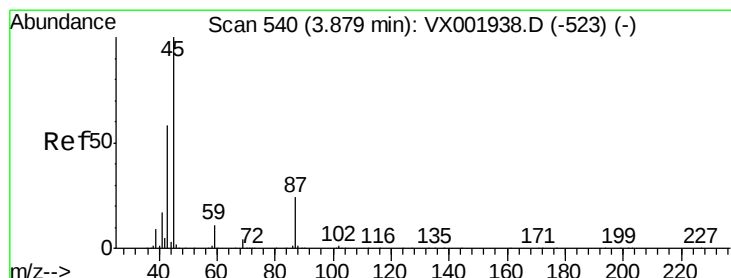
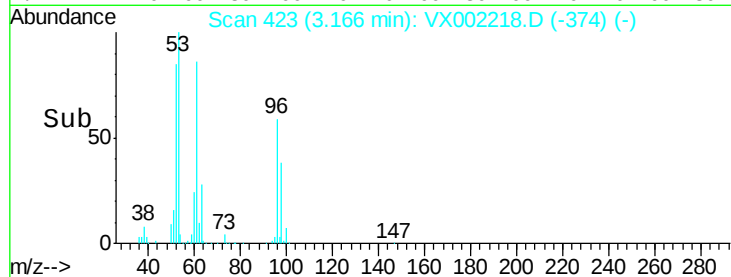
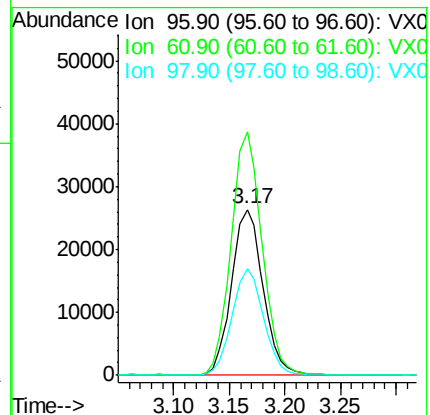
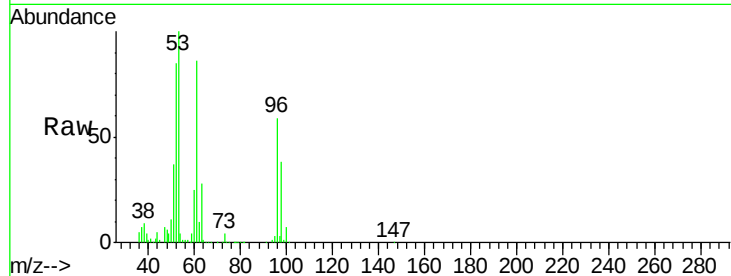
Tot Ion: 96 Resp: 51900

Ion Ratio Lower Upper

96 100

61 146.3 113.3 169.9

98 64.3 51.7 77.5



#22

Diisopropyl ether

Concen: 19.96 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Tgt Ion: 45 Resp: 194436

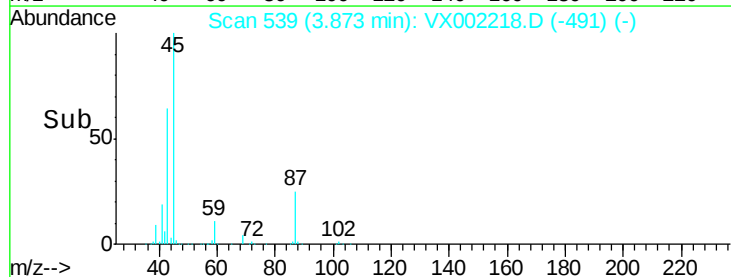
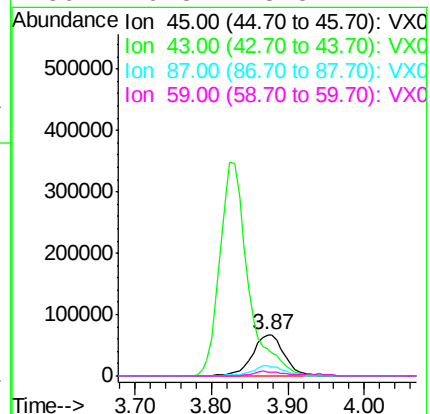
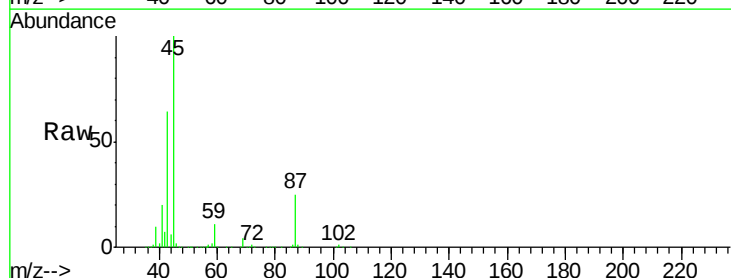
Ion Ratio Lower Upper

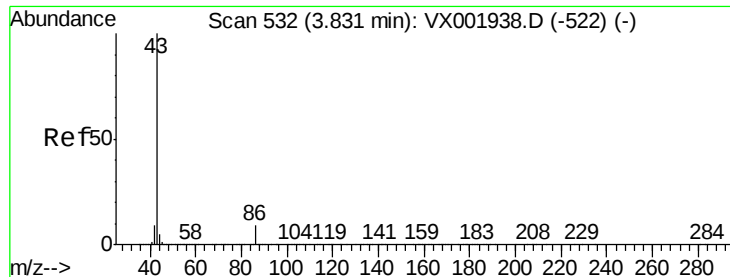
45 100

43 63.6 47.0 70.6

87 25.3 19.4 29.0

59 10.8 8.5 12.7





#23

Vinyl Acetate

Concen: 111.17 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

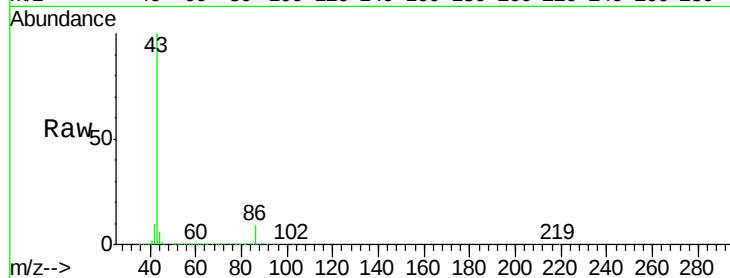
ClientSampleId :

Tot Ion: 43 Resp: 897921

Ion Ratio Lower Upper

43 100

86 8.9 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

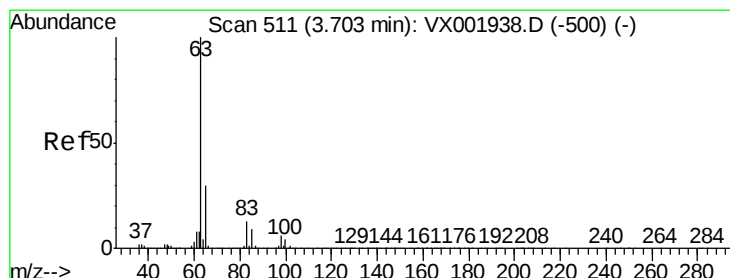
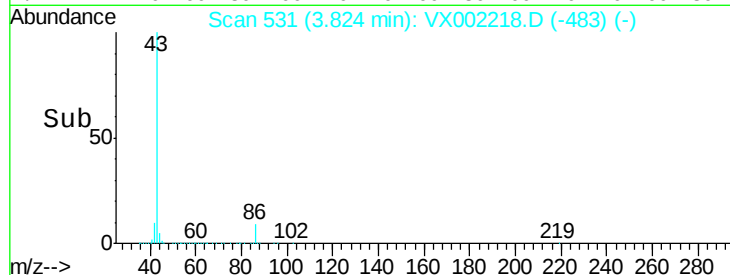
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 23.17 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

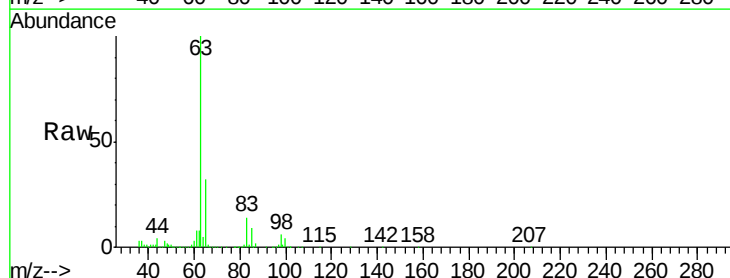
Tgt Ion: 63 Resp: 107196

Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.8

100 3.7 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

60000

50000

40000

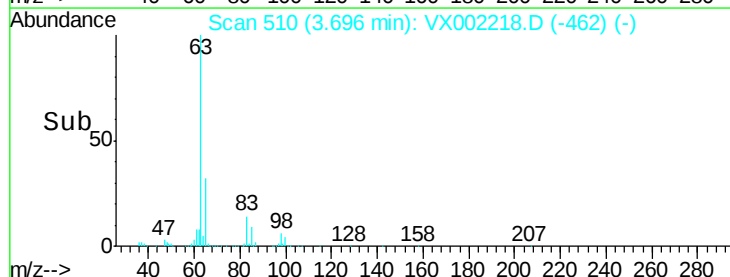
30000

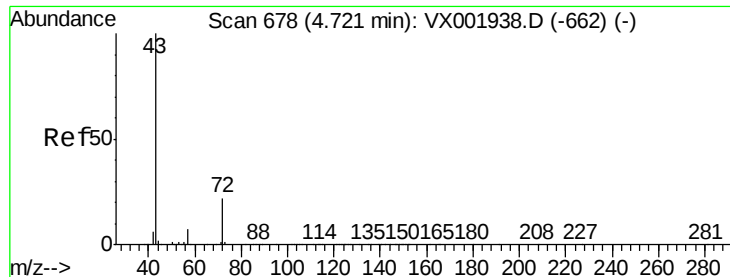
20000

10000

0

Time-->





#25

2-Butanone

Concen: 93.12 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

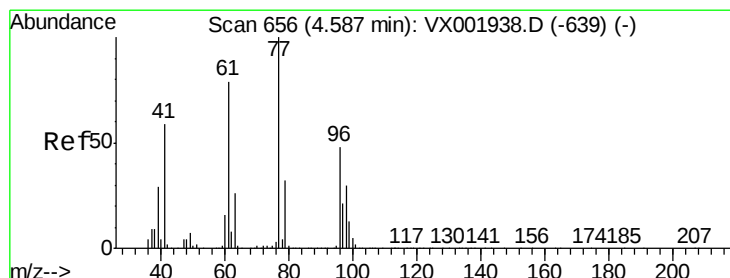
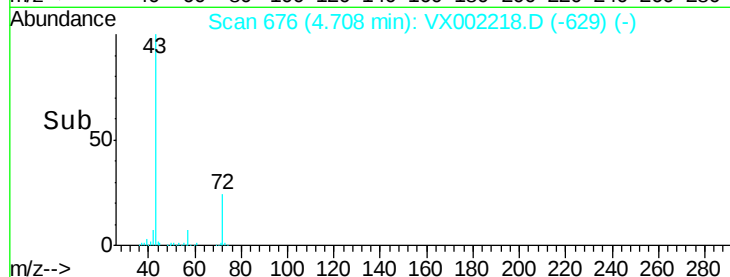
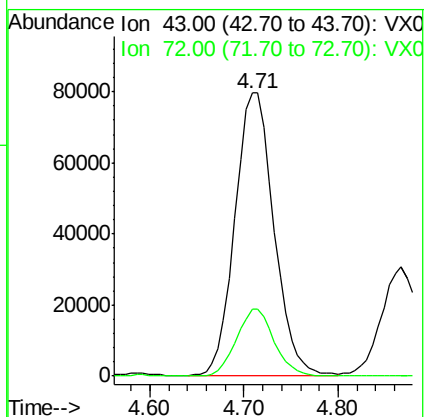
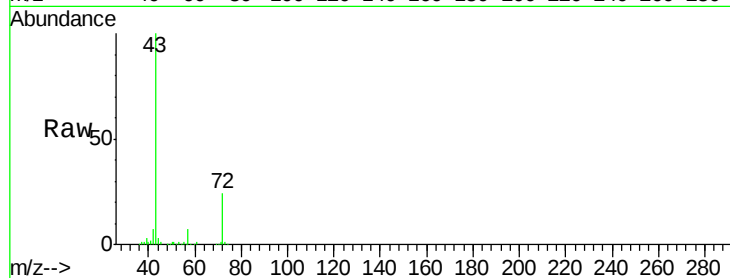
ClientSampled :

Tot Ion: 43 Resp: 230468

Ion Ratio Lower Upper

43 100

72 23.7 17.9 26.9



#26

2,2-Dichloropropane

Concen: 15.92 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002218.D

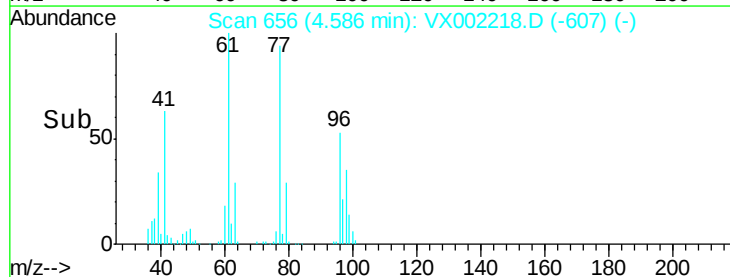
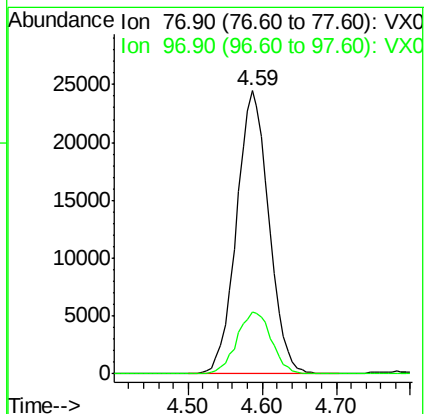
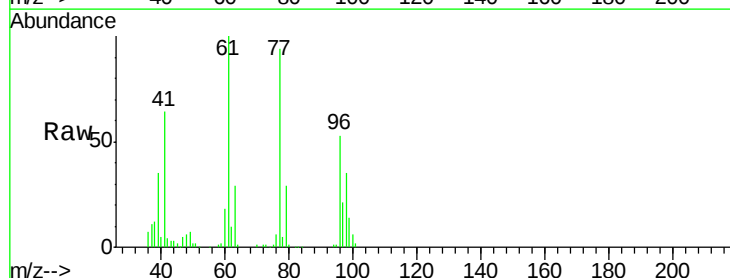
Acq: 01 Jun 2018 18:09

Tgt Ion: 77 Resp: 74572

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5



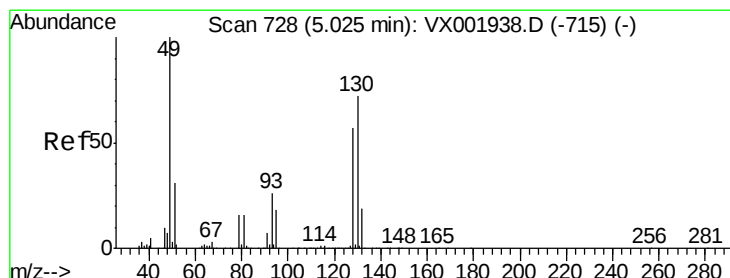
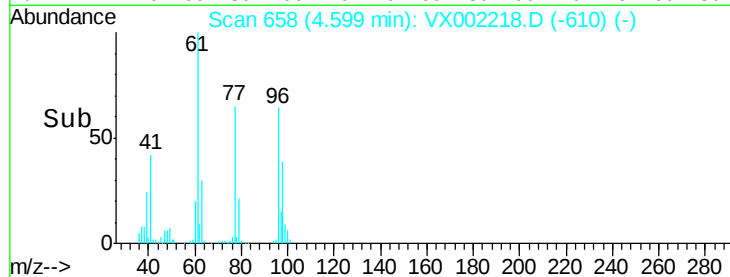
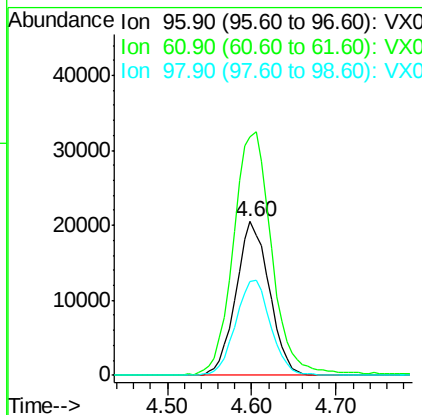
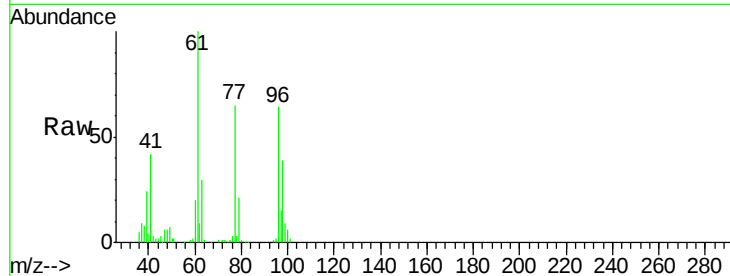


#27

cis-1,2-Dichloroethene
 Concen: 18.49 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Instrument :
 MSVOA_X
 ClientSampleId :

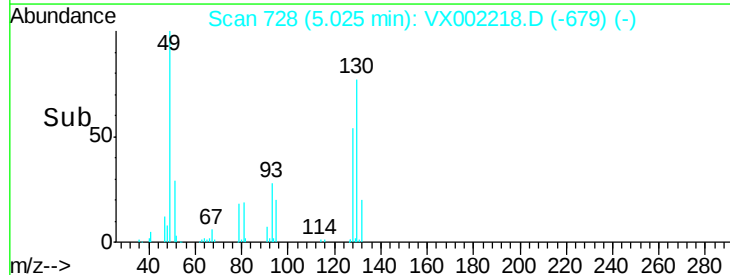
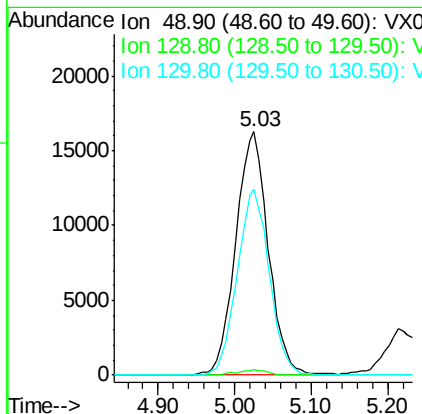
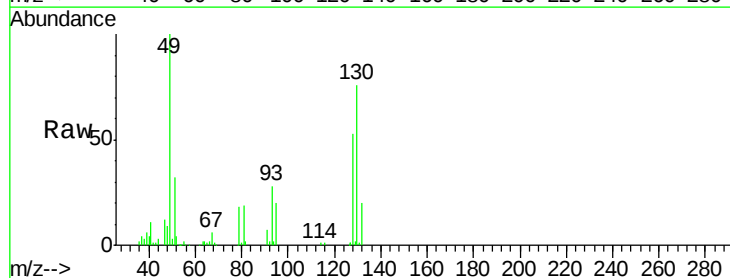
Tot Ion	96	Resp	55002
Ion	Ratio	Lower	Upper
96	100		
61	183.0	0.0	348.4
98	64.7	0.0	128.6



#28

Bromochloromethane
 Concen: 23.57 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Tgt Ion	49	Resp	47935
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	75.3	59.4	89.2





#29

Tetrahydrofuran

Concen: 91.05 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampled :

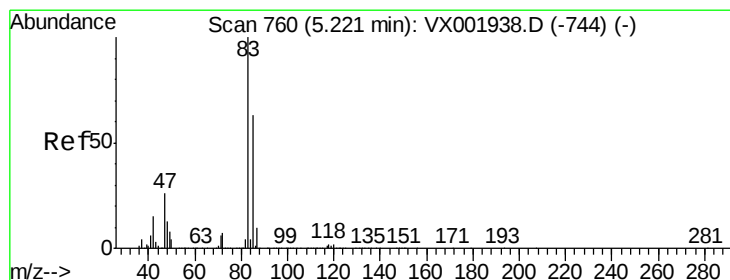
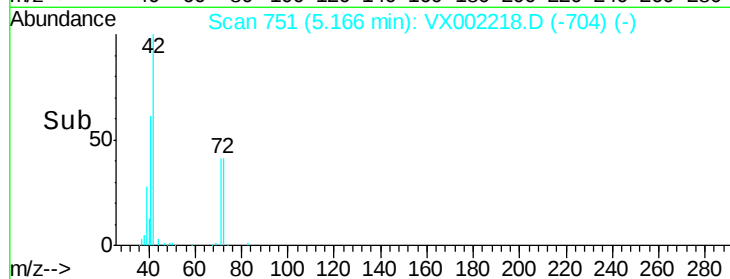
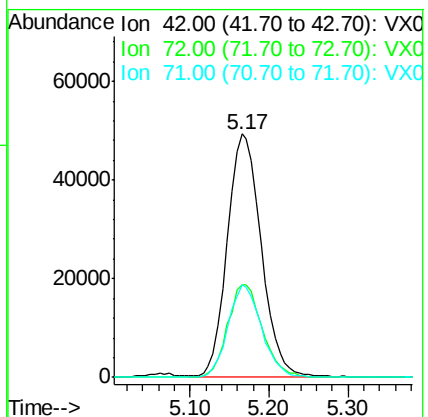
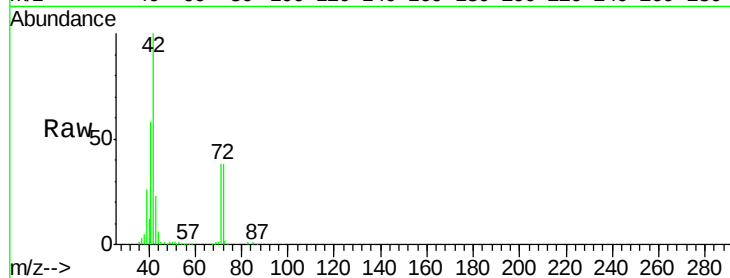
Tot Ion: 42 Resp: 146604

Ion Ratio Lower Upper

42 100

72 39.3 31.4 47.0

71 38.0 29.5 44.3



#30

Chloroform

Concen: 18.72 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002218.D

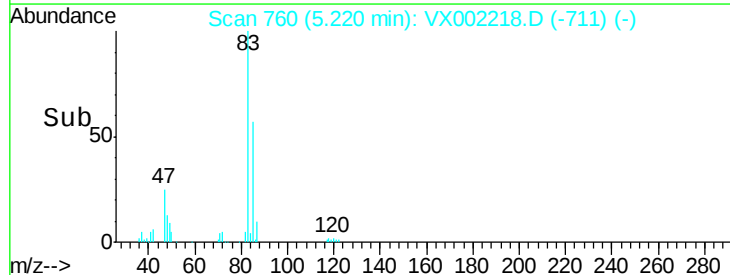
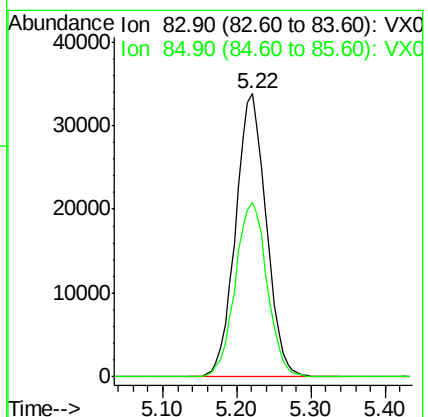
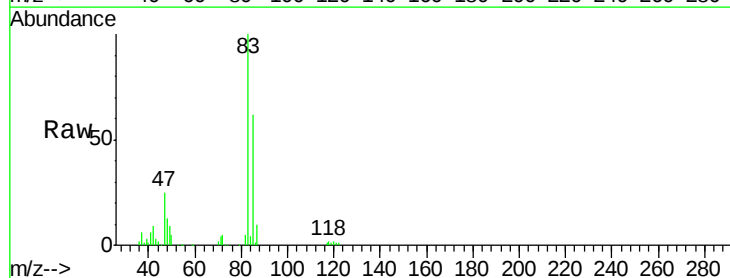
Acq: 01 Jun 2018 18:09

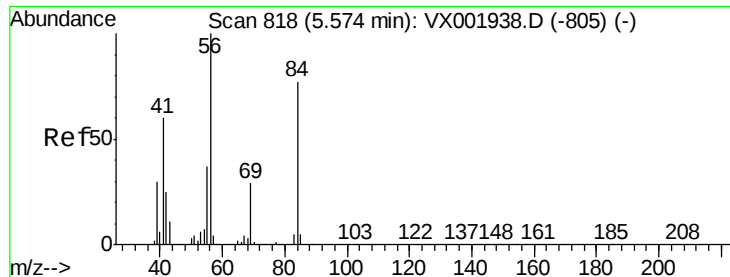
Tgt Ion: 83 Resp: 97581

Ion Ratio Lower Upper

83 100

85 61.8 50.9 76.3

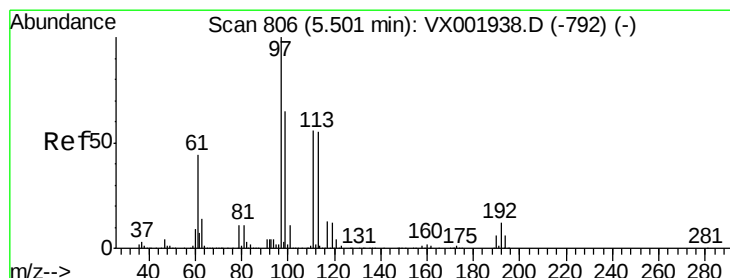
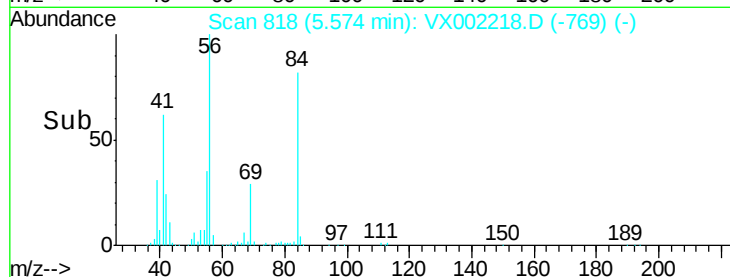
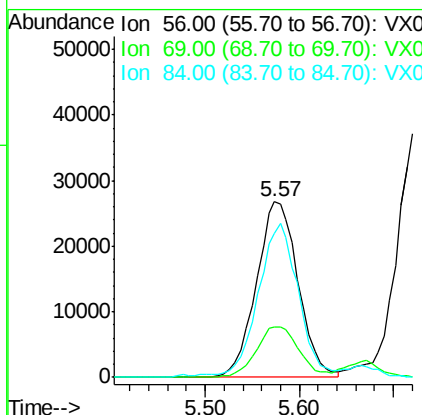
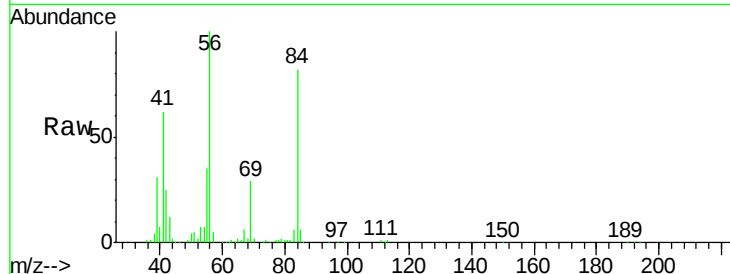




#31
Cyclohexane
Concen: 17.19 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

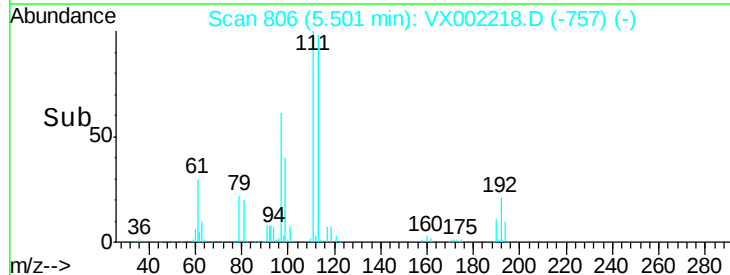
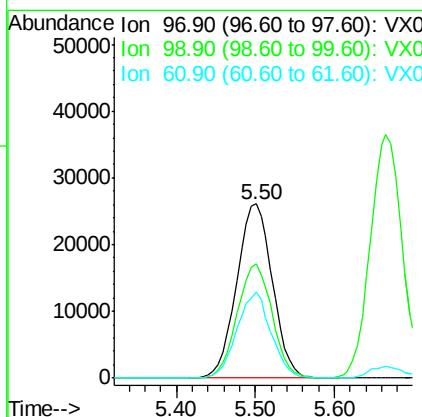
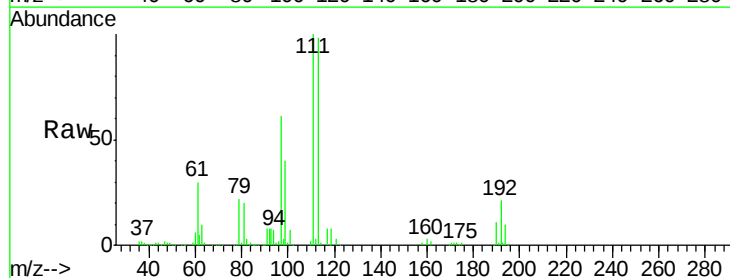
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.1	34.7
84	80.7	62.0	93.0



#32
1,1,1-Trichloroethane
Concen: 16.88 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.9	77.9
61	47.5	35.9	53.9

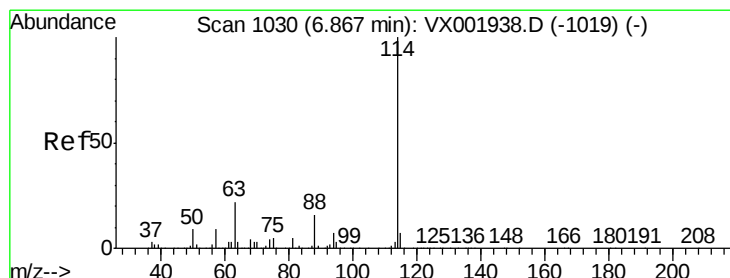
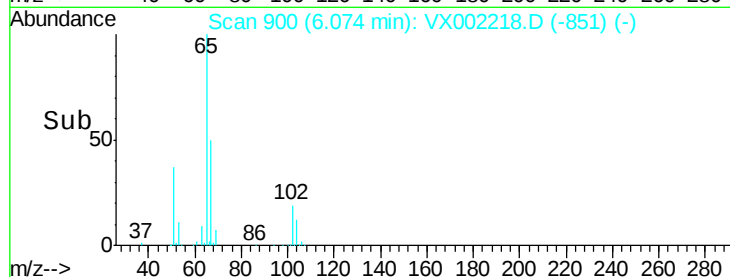
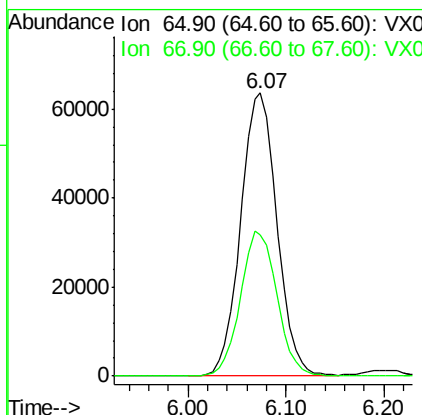
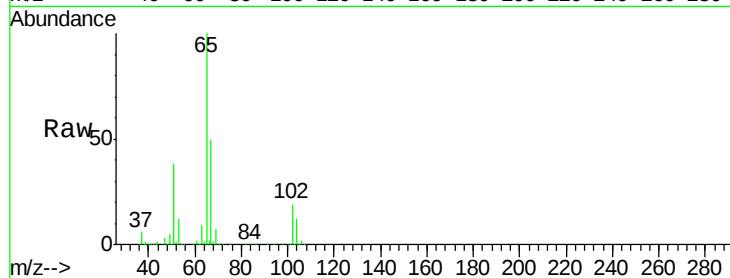




#33
 1,2-Dichloroethane-d4
 Concen: 46.99 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

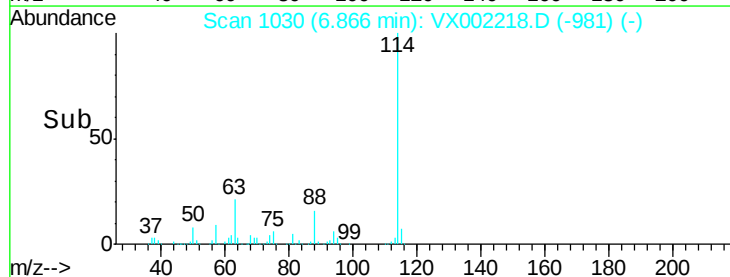
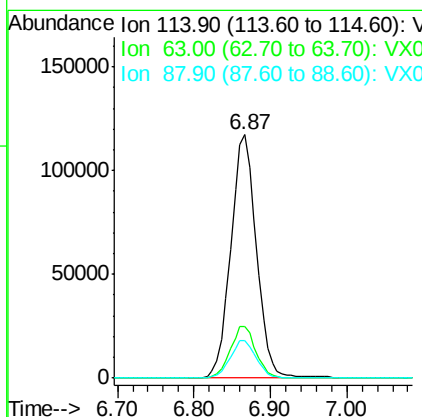
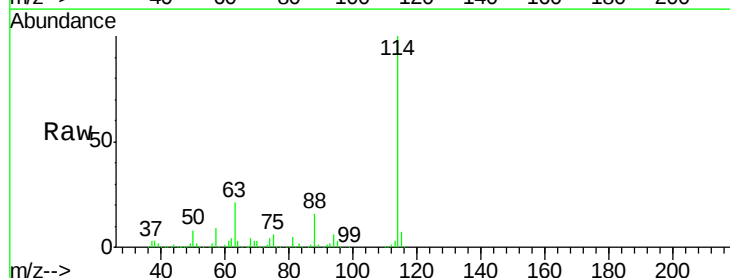
Instrument :
 MSVOA_X
 ClientSampleId :

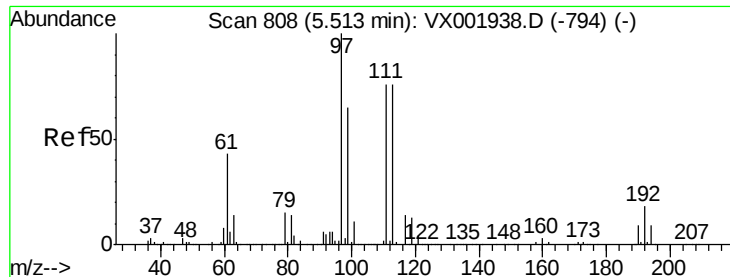
Tot Ion: 65 Resp: 164402
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Tgt Ion: 114 Resp: 272380
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.2
 88 15.6 0.0 31.6

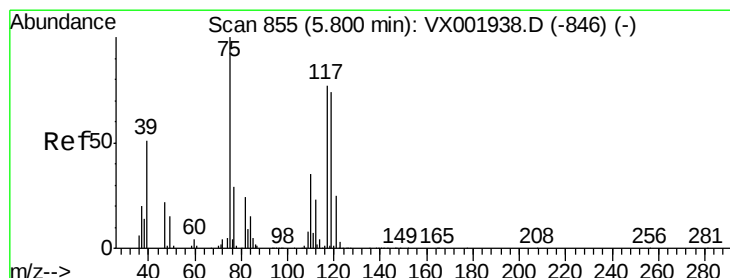
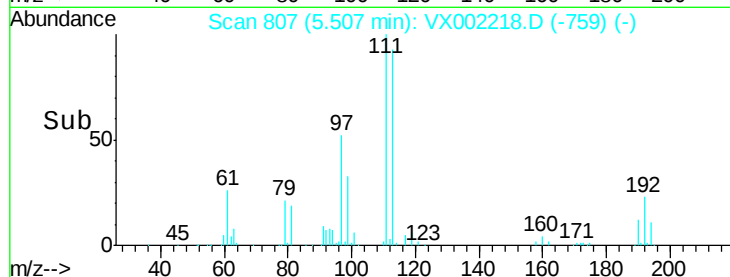
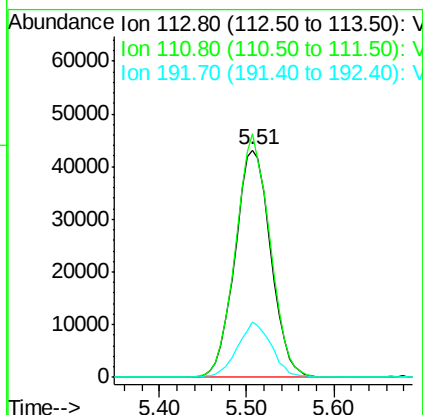
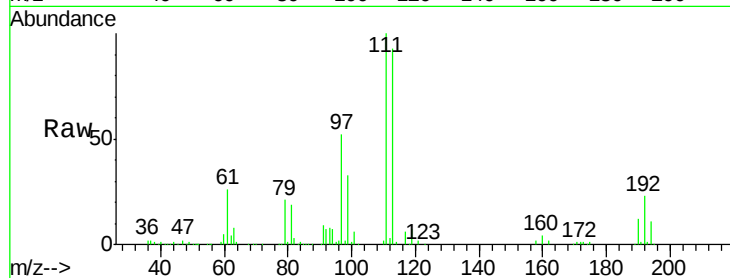




#35
 Dibromofluoromethane
 Concen: 44.91 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

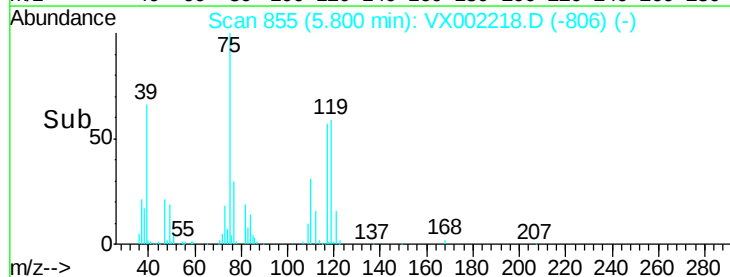
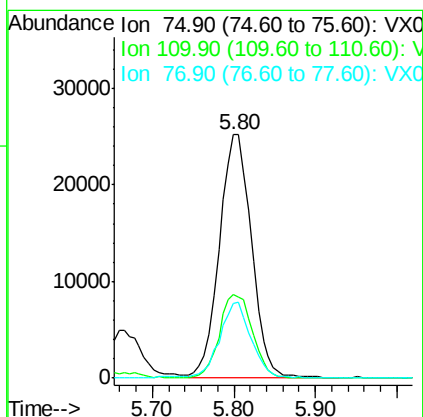
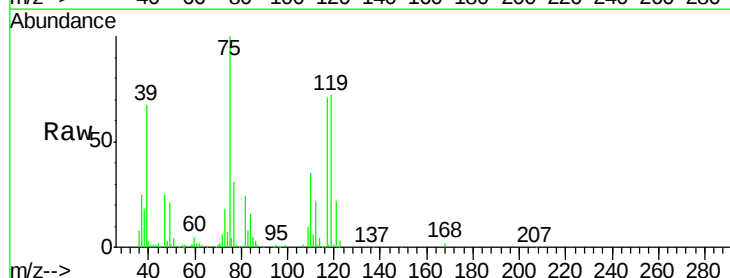
Instrument :
 MSVOA_X
 ClientSampleId :

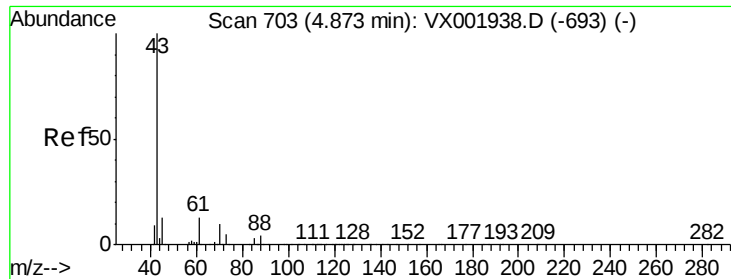
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	23.2	18.9	28.3



#36
 1,1-Dichloropropene
 Concen: 18.24 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	17.4	52.2
77	30.3	24.4	36.6

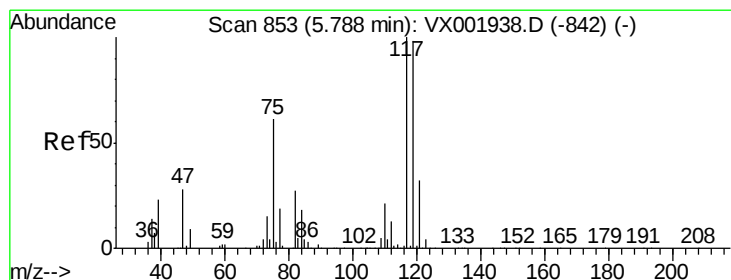
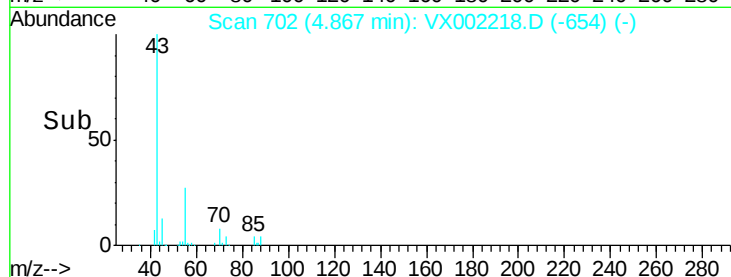
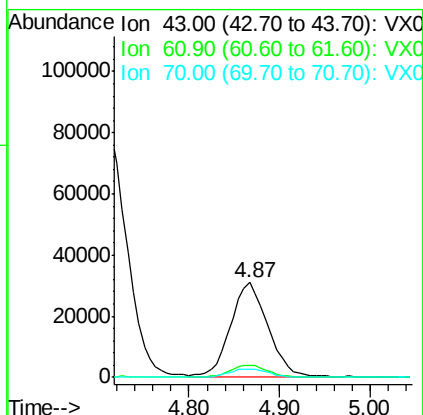
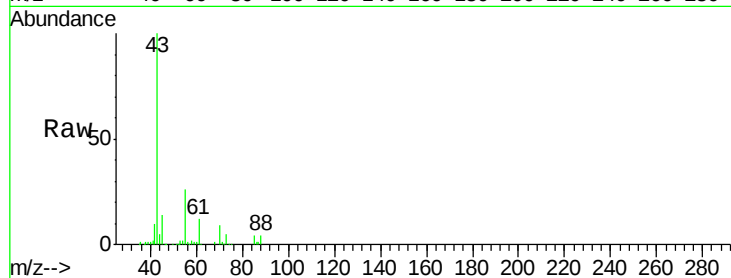




#37
Ethyl Acetate
Concen: 17.66 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

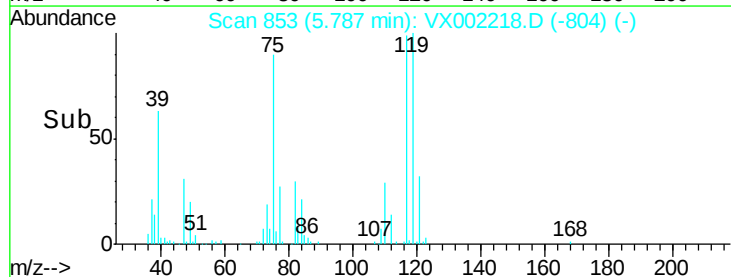
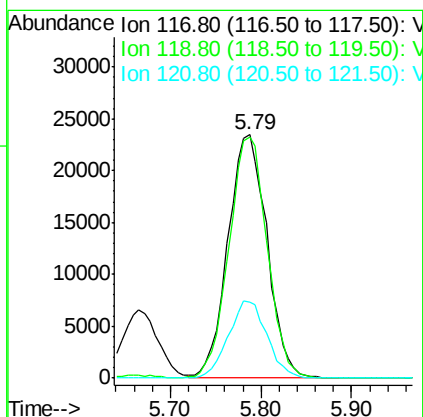
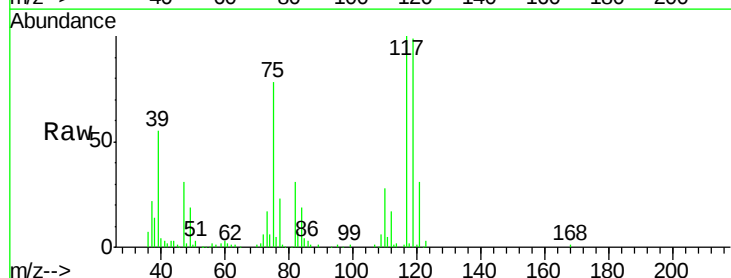
Instrument :
MSVOA_X
ClientSampled :

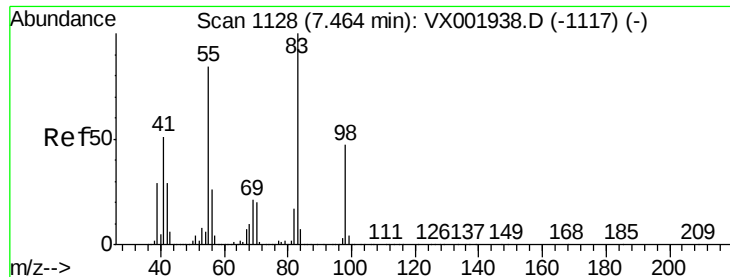
Tot Ion: 43 Resp: 87212
Ion Ratio Lower Upper
43 100
61 12.6 10.2 15.2
70 9.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 15.86 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion: 117 Resp: 70053
Ion Ratio Lower Upper
117 100
119 98.8 78.5 117.7
121 31.4 25.5 38.3

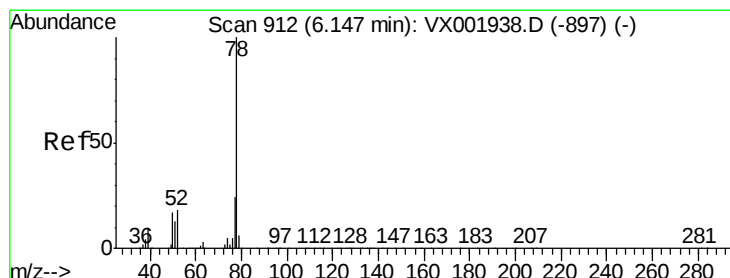
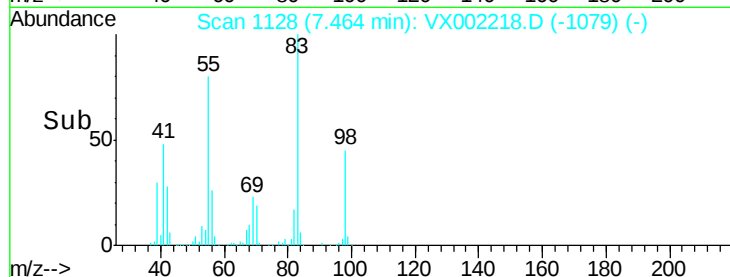
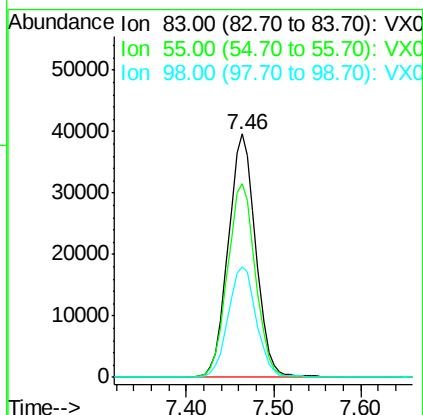
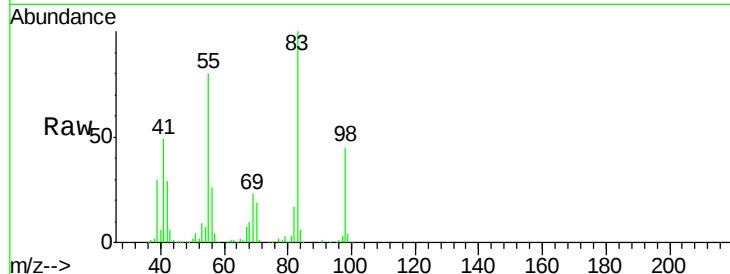




#39
Methvlcvclohexane
Concen: 18.58 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

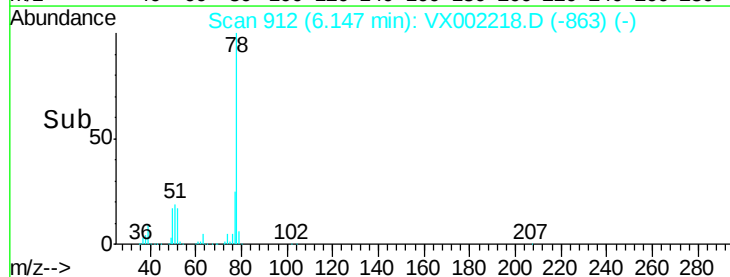
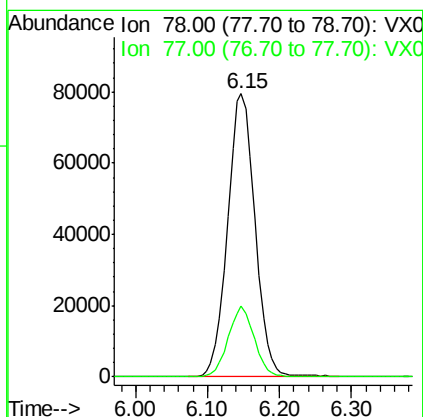
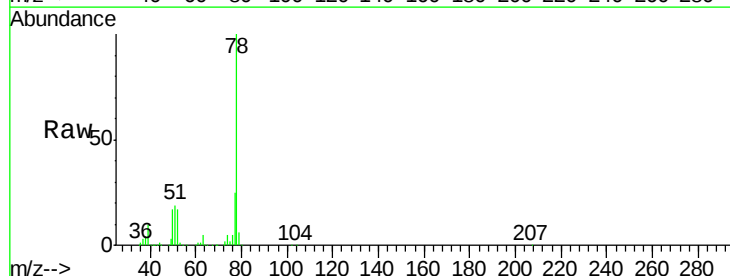
Instrument :
MSVOA_X
ClientSampleId :

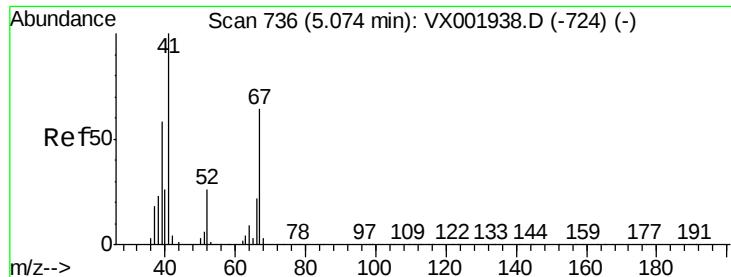
Tot Ion: 83 Resp: 86491
Ion Ratio Lower Upper
83 100
55 79.7 67.3 100.9
98 45.3 37.5 56.3



#40
Benzene
Concen: 19.02 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion: 78 Resp: 211151
Ion Ratio Lower Upper
78 100
77 25.2 19.1 28.7

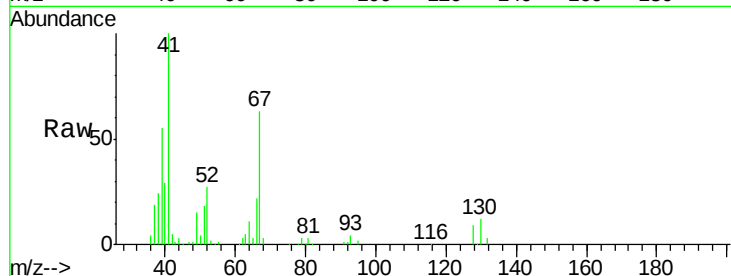




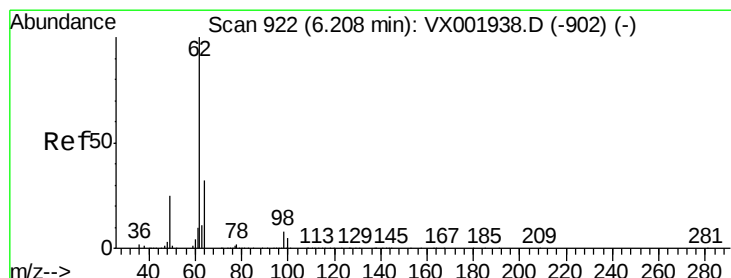
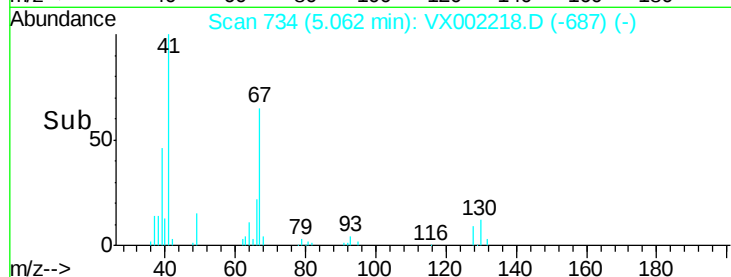
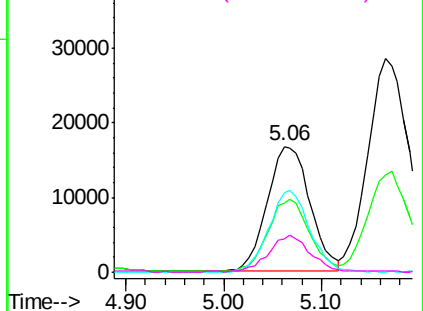
#41
Methacrylonitrile
Concen: 18.70 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	50957
Ion	Ratio	Lower	Upper
41	100		
39	56.4	46.0	69.0
67	62.9	50.6	75.8
52	28.2	21.9	32.9

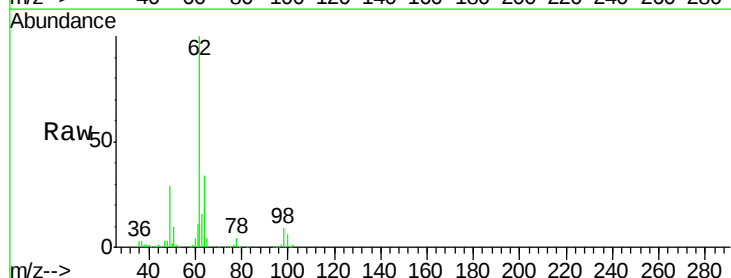


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

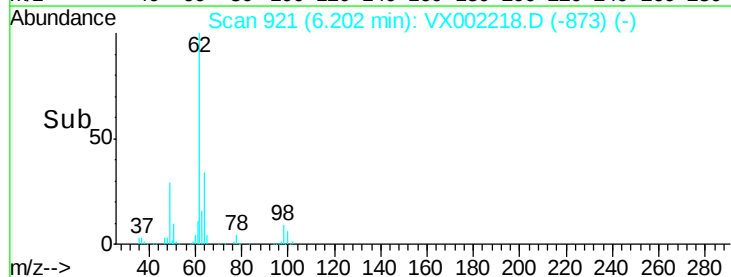
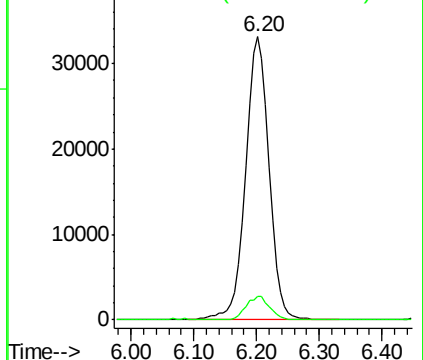


#42
1,2-Dichloroethane
Concen: 19.34 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion:	62	Resp:	85752
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0



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



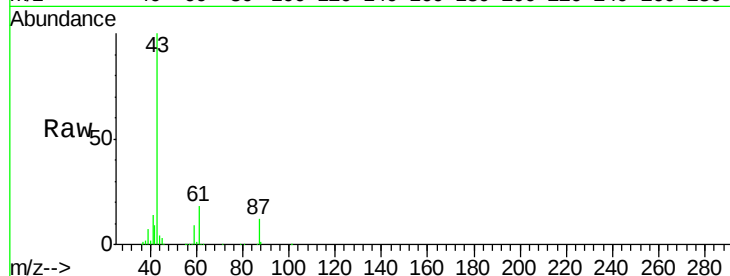


#43

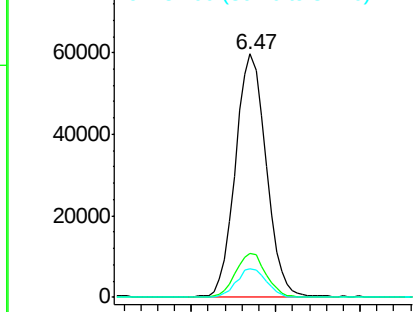
Isopropyl Acetate
 Concen: 17.80 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Instrument :
 MSVOA_X
 ClientSampleId :

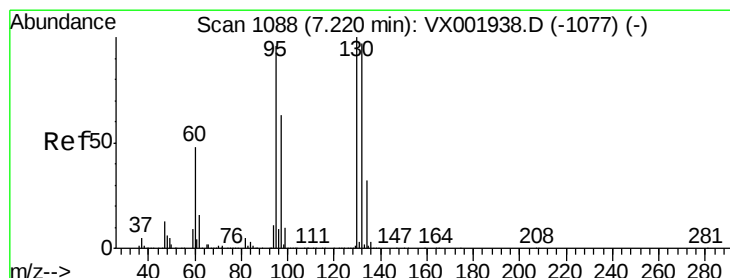
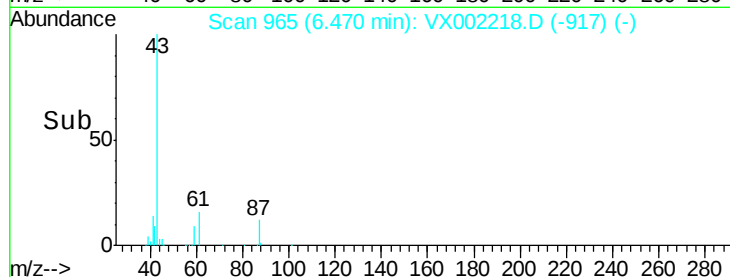
Tot Ion	43	Resp	146502
Ion Ratio	Lower	Upper	
43	100		
61	17.9	14.5	21.7
87	11.7	9.5	14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



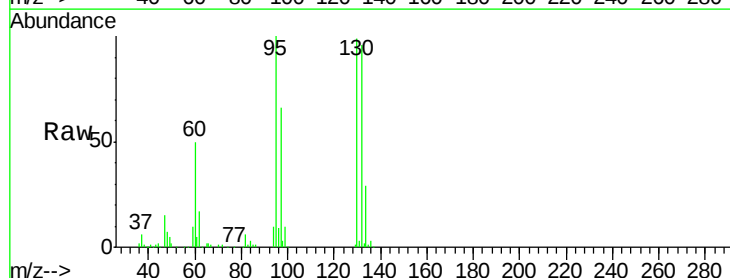
Time-->



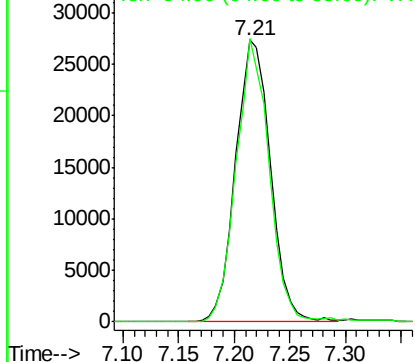
#44

Trichloroethene
 Concen: 18.43 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

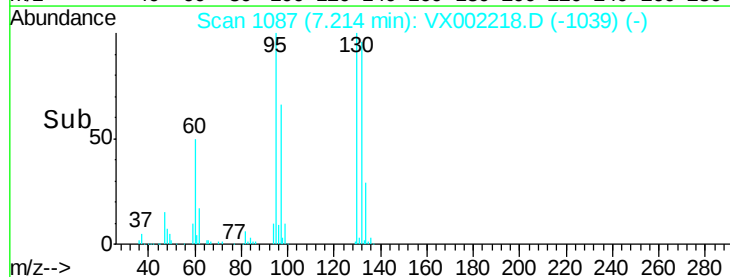
Tgt Ion	130	Resp	59608
Ion Ratio	Lower	Upper	
130	100		
95	100.6	0.0	192.0

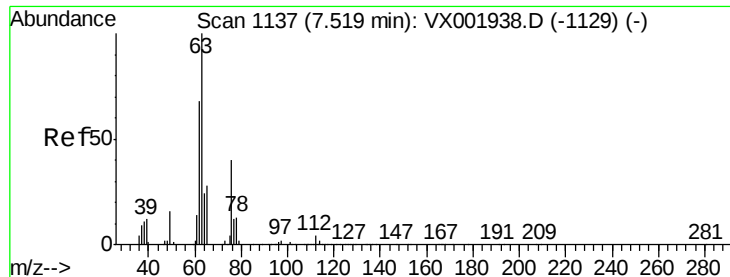


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0



Time-->





#45

1,2-Dichloropropane

Concen: 19.21 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

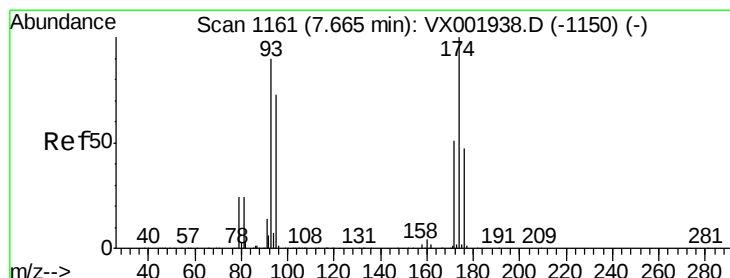
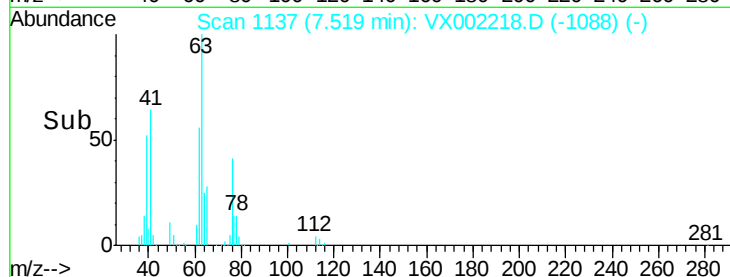
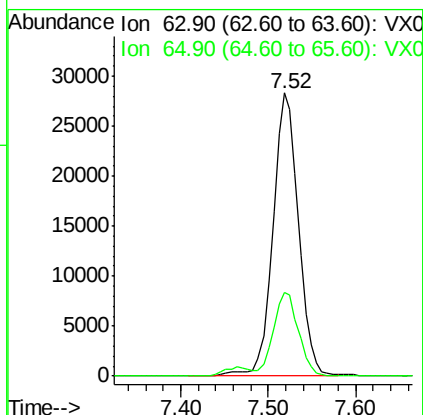
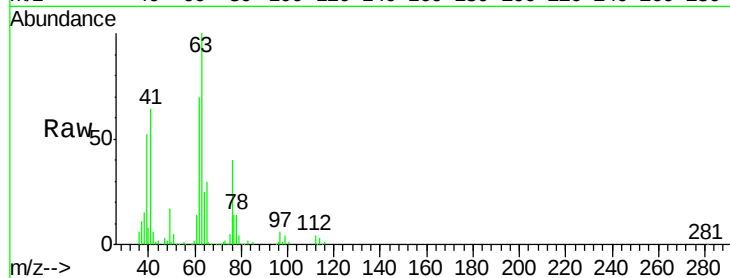
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 57901

Ion Ratio Lower Upper

63 100

65 29.5 24.1 36.1



#46

Dibromomethane

Concen: 19.09 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

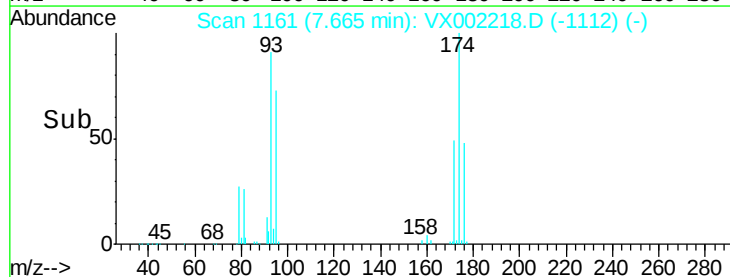
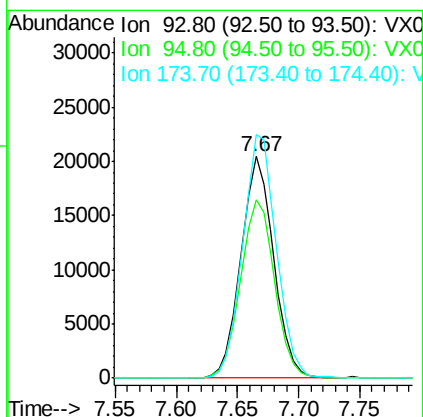
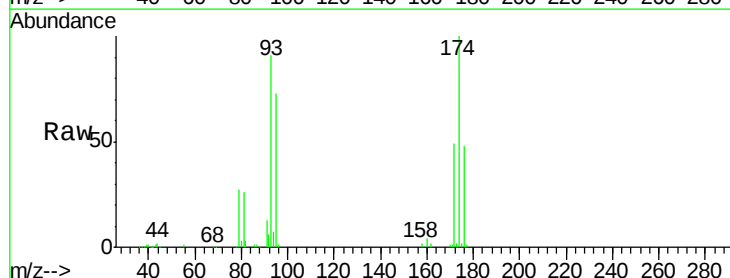
Tgt Ion: 93 Resp: 38099

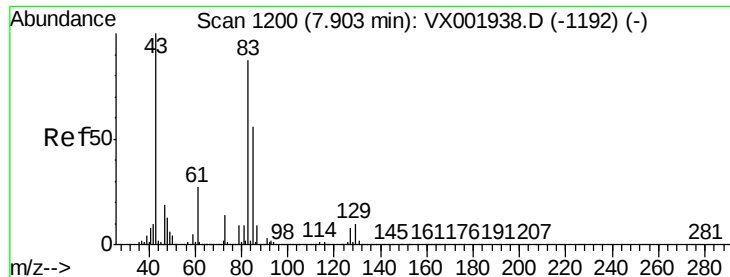
Ion Ratio Lower Upper

93 100

95 83.6 66.1 99.1

174 113.3 92.5 138.7





#47

Bromodichloromethane

Concen: 15.76 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :

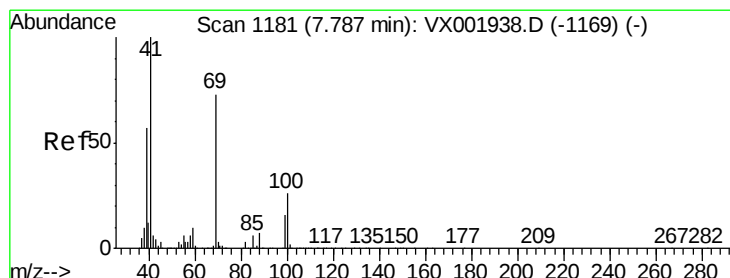
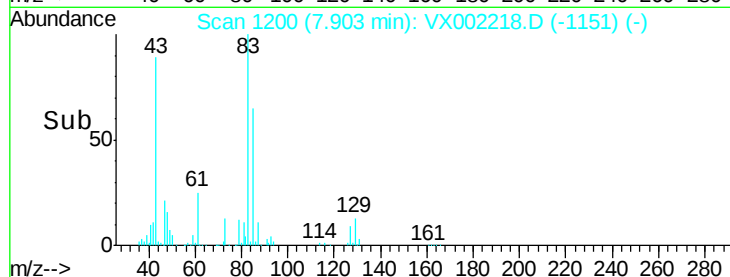
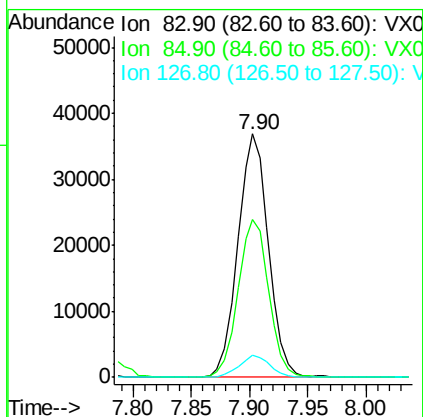
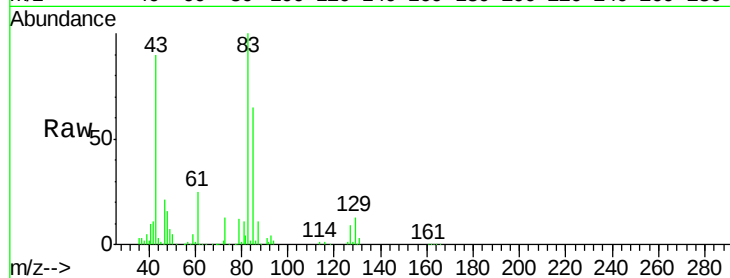
Tot Ion: 83 Resp: 67073

Ion Ratio Lower Upper

83 100

85 64.8 51.4 77.2

127 9.1 7.1 10.7



#48

Methyl methacrylate

Concen: 17.92 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

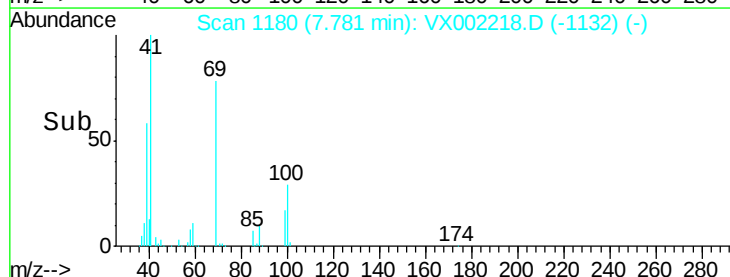
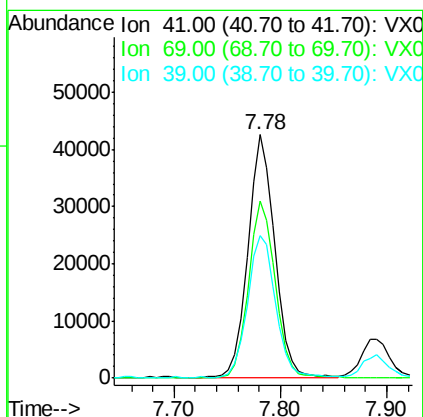
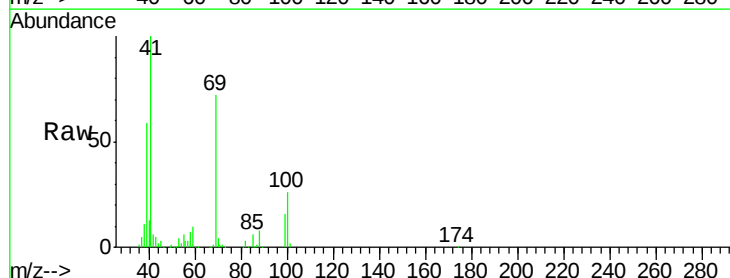
Tgt Ion: 41 Resp: 75049

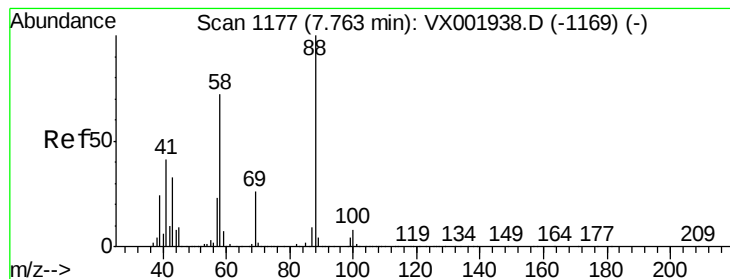
Ion Ratio Lower Upper

41 100

69 73.7 58.6 87.8

39 61.6 46.3 69.5





#49

1,4-Dioxane

Concen: 377.53 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.01 min

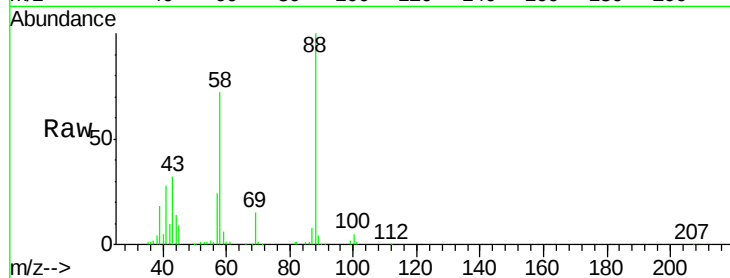
Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 27867

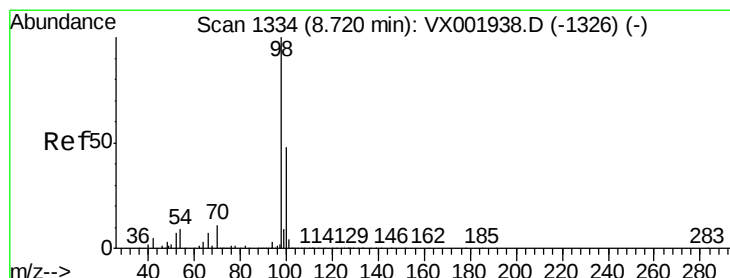
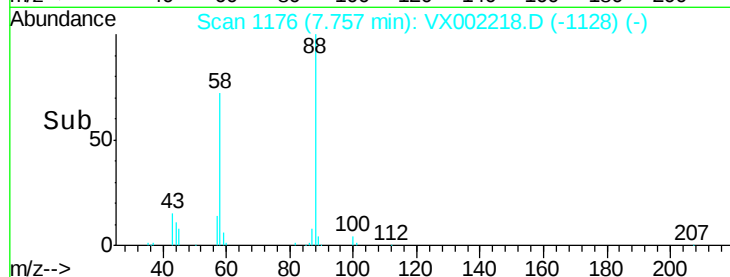
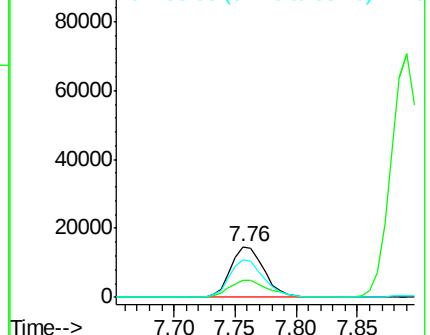
Ion	Ratio	Lower	Upper
88	100		
43	37.7	29.8	44.8
58	76.6	58.7	88.1



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: 47.33 ug/l

RT: 8.72 min Scan# 1334

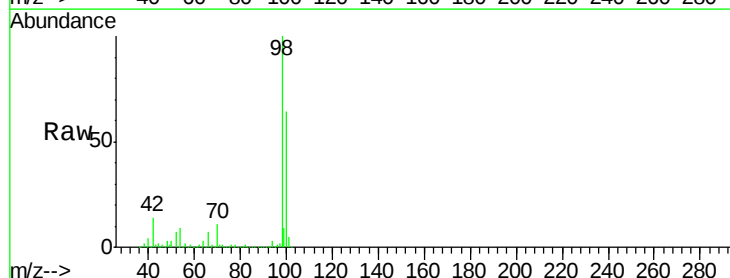
Delta R.T. 0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

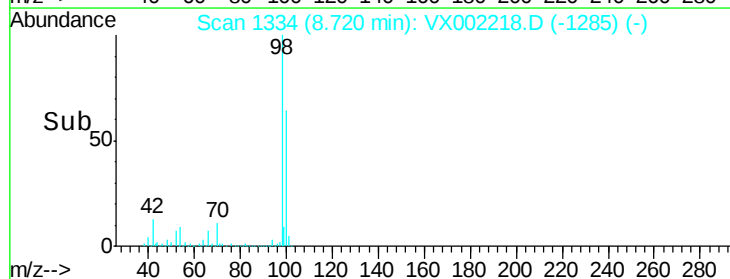
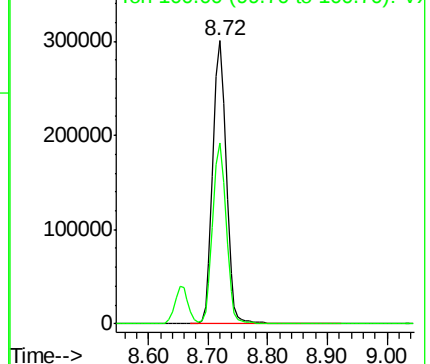
Tgt Ion: 98 Resp: 466754

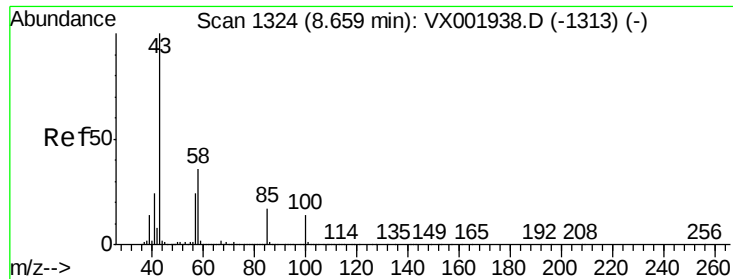
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.5	77.3



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: 96.72 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

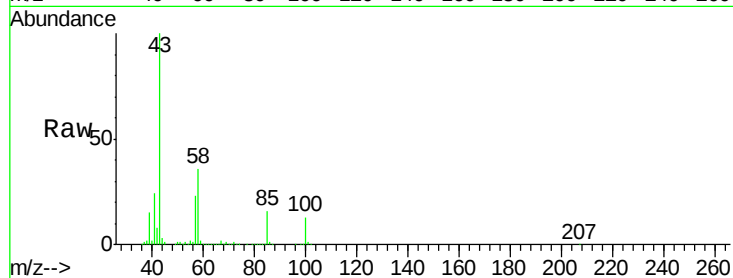
ClientSampled :

Tot Ion: 43 Resp: 479849

Ion Ratio Lower Upper

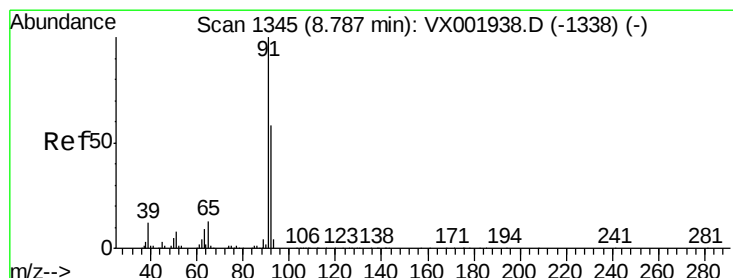
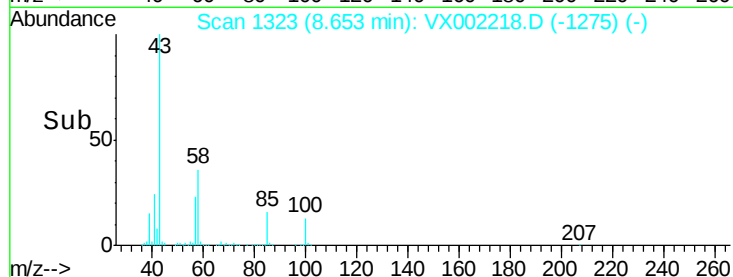
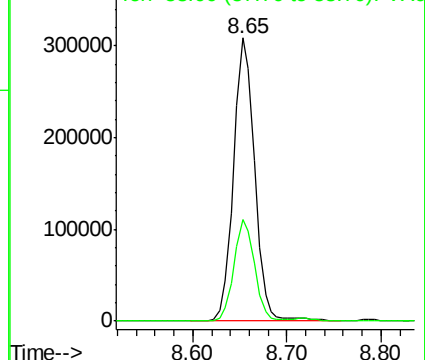
43 100

58 35.0 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: 19.21 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002218.D

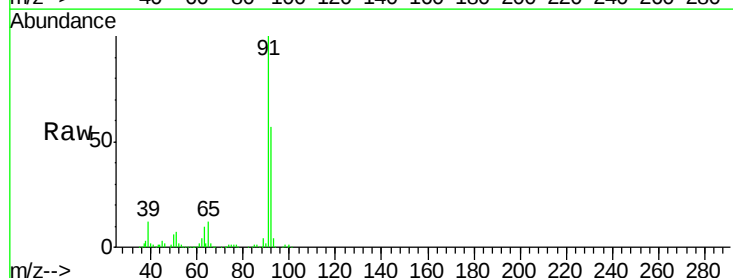
Acq: 01 Jun 2018 18:09

Tgt Ion: 92 Resp: 135699

Ion Ratio Lower Upper

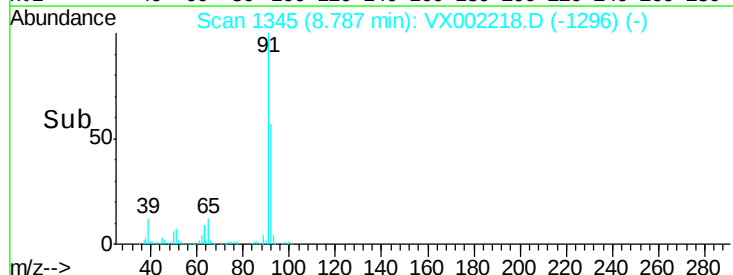
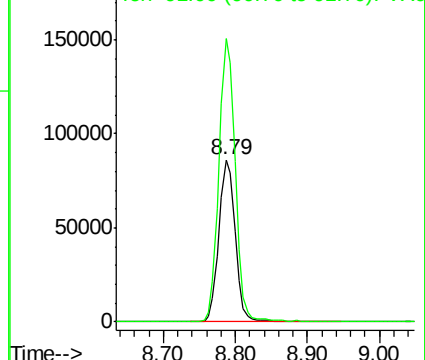
92 100

91 174.7 139.4 209.2



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: 16.75 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

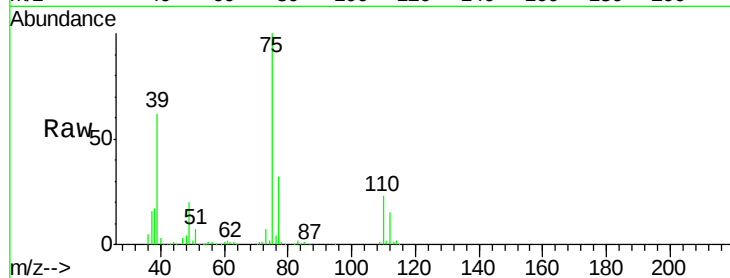
ClientSampled :

Tot Ion: 75 Resp: 82109

Ion Ratio Lower Upper

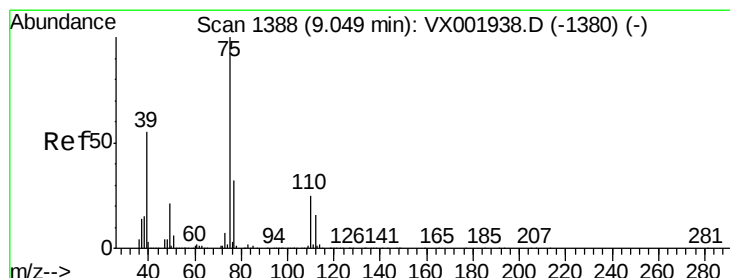
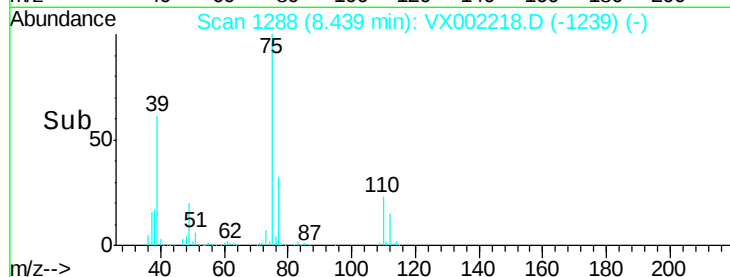
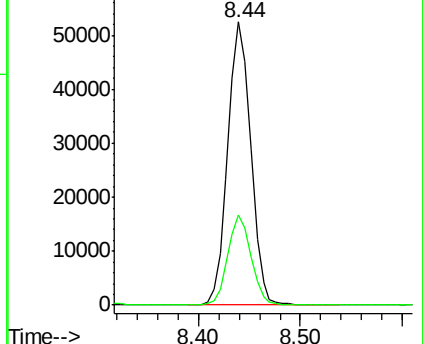
75 100

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: 15.69 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

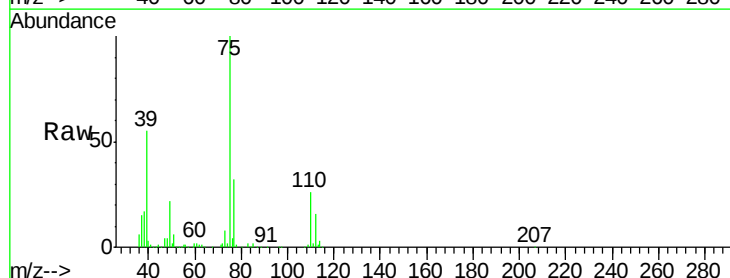
Tgt Ion: 75 Resp: 74933

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

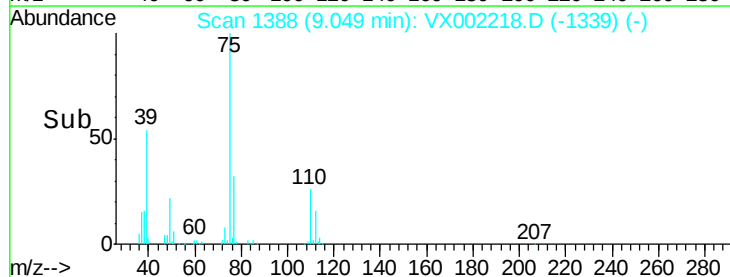
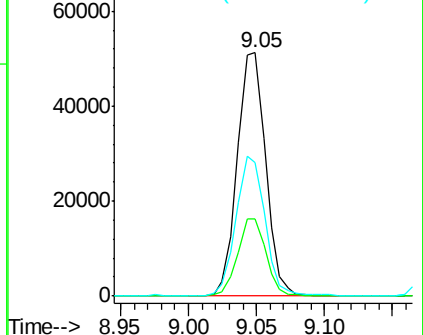
39 54.4 44.1 66.1

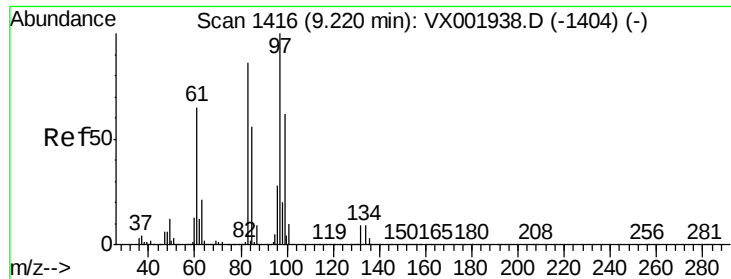


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.28 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

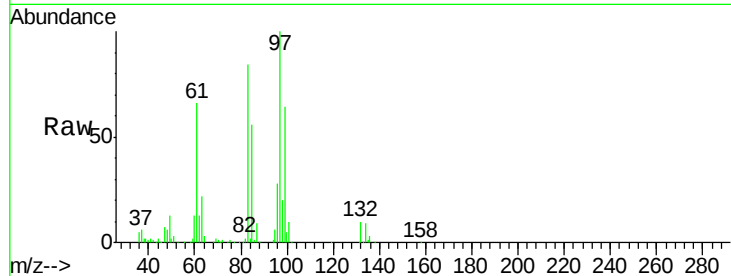
Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 56883

Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.1	103.7
85	56.1	45.2	67.8
99	63.5	49.6	74.4

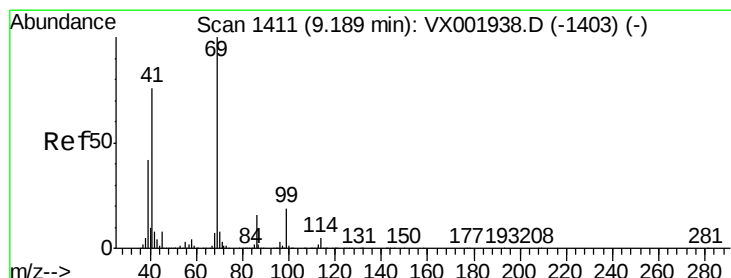
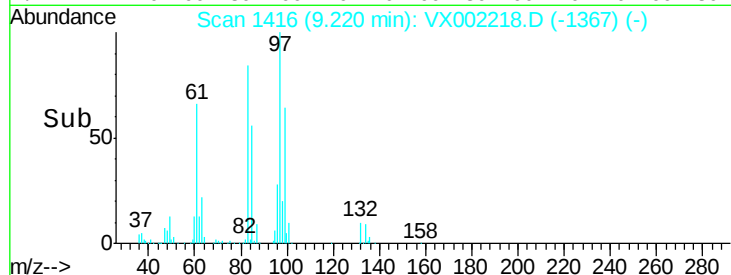


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 17.27 ug/l

RT: 9.18 min Scan# 1410

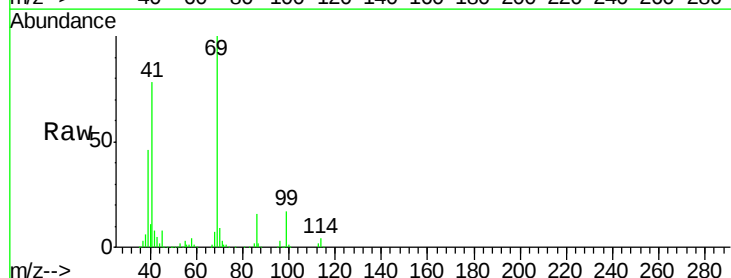
Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Tgt Ion: 69 Resp: 87644

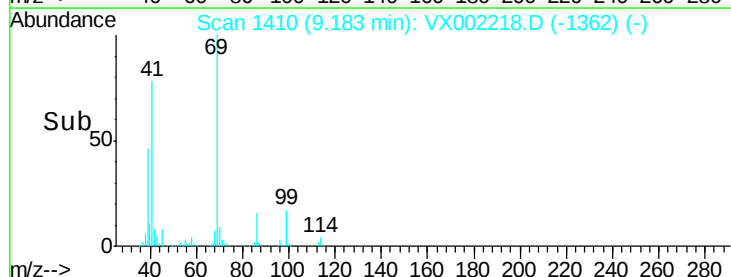
Ion	Ratio	Lower	Upper
69	100		
41	78.6	61.0	91.6
39	46.7	34.4	51.6

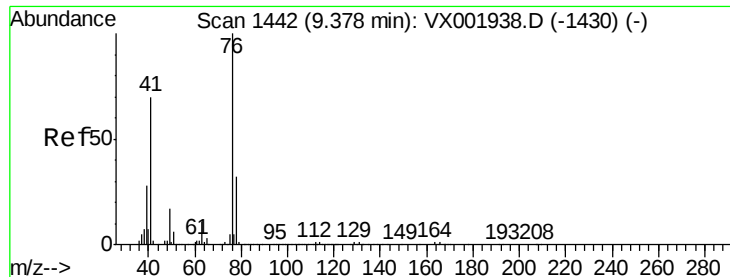


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.73 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

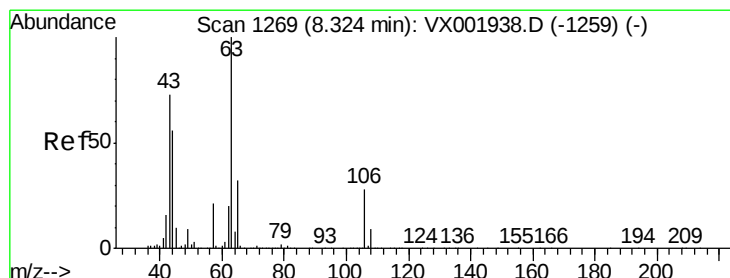
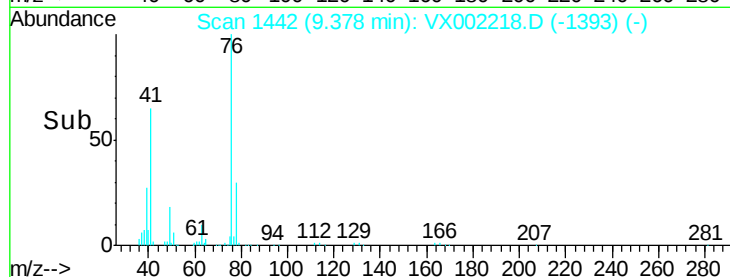
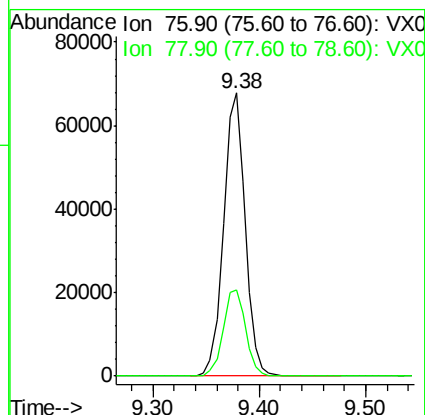
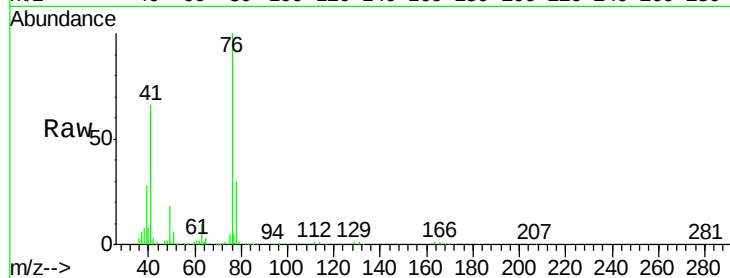
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 76 Resp: 95929

Ion Ratio Lower Upper

76 100

78 31.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 86.18 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002218.D

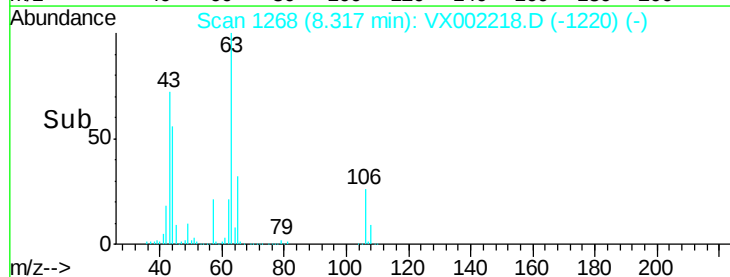
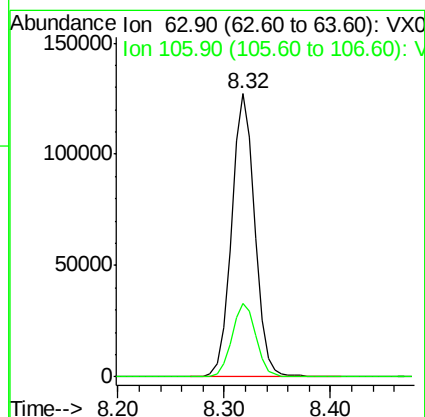
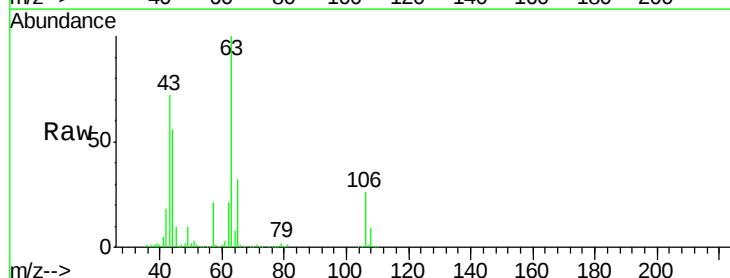
Acq: 01 Jun 2018 18:09

Tgt Ion: 63 Resp: 193868

Ion Ratio Lower Upper

63 100

106 27.1 21.7 32.5

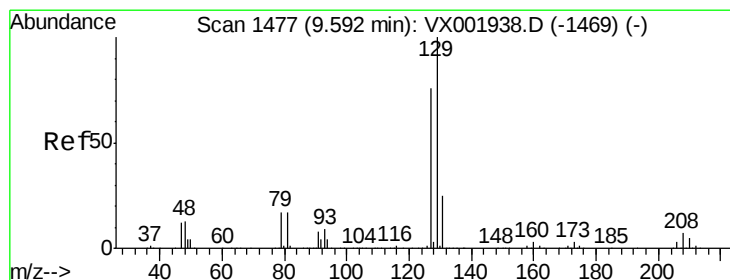
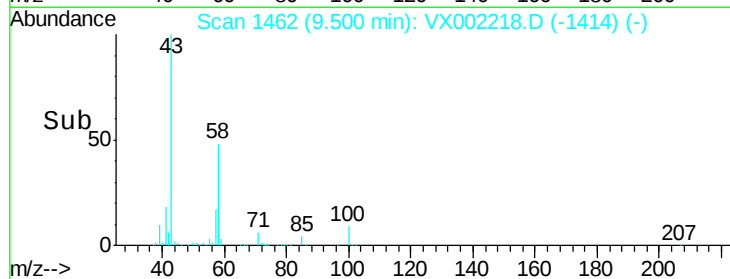
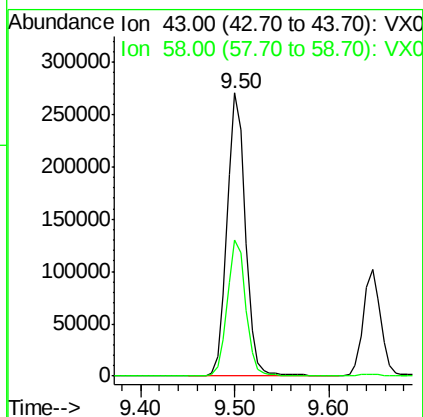
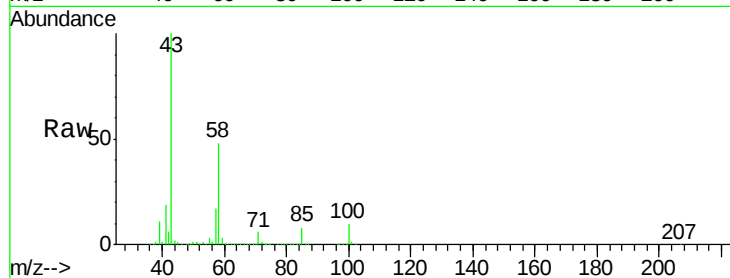




#59
2-Hexanone
Concen: 95.73 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

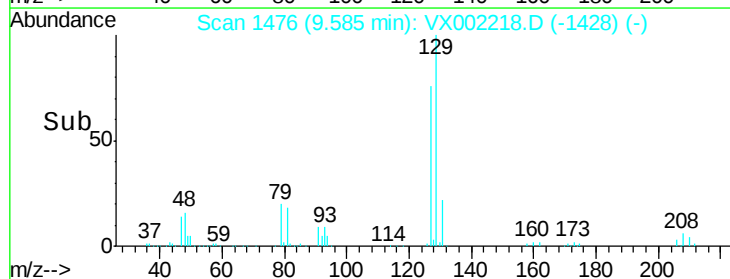
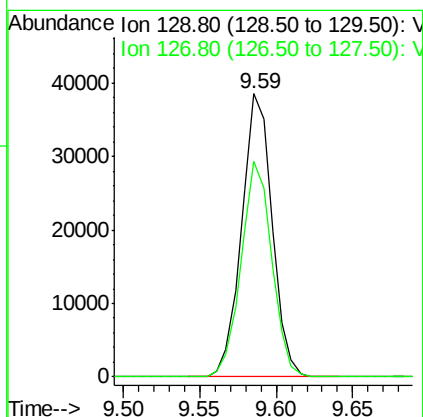
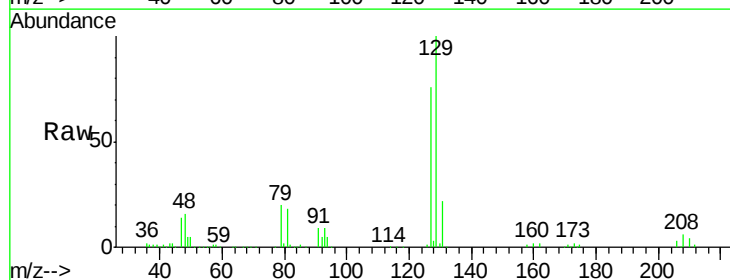
Instrument :
MSVOA_X
ClientSampleId :

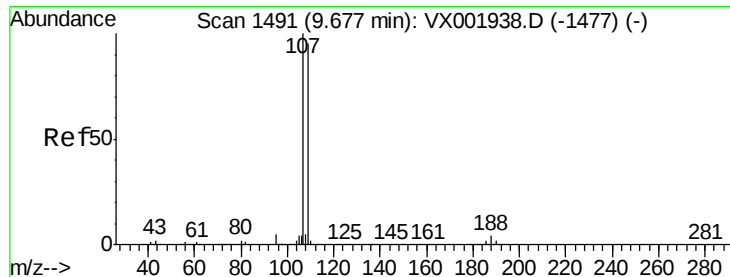
Tot Ion: 43 Resp: 366208
Ion Ratio Lower Upper
43 100
58 48.6 24.9 74.6



#60
Dibromochloromethane
Concen: 15.26 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion: 129 Resp: 53322
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





#61

1,2-Dibromoethane

Concen: 18.94 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

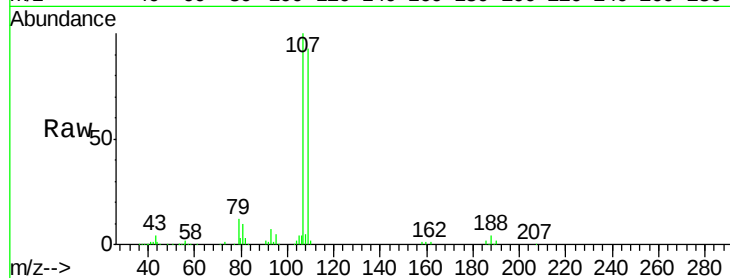
ClientSampleId :

Tot Ion:107 Resp: 58634

Ion Ratio Lower Upper

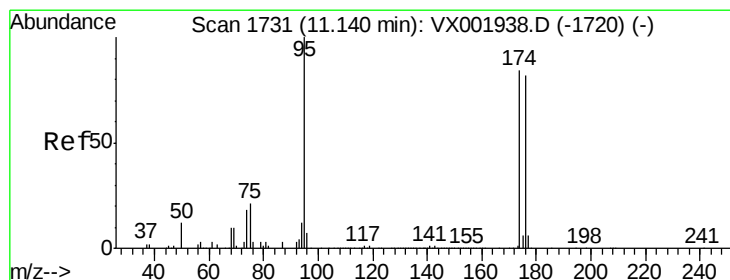
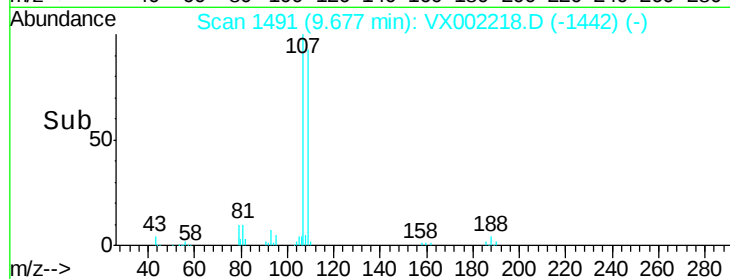
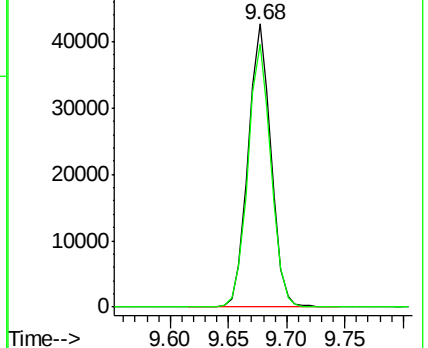
107 100

109 93.8 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: 45.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

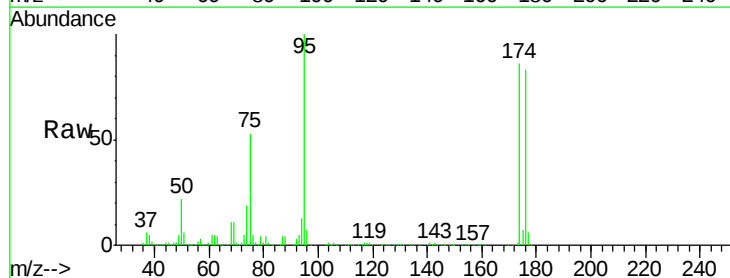
Tgt Ion: 95 Resp: 174478

Ion Ratio Lower Upper

95 100

174 93.0 0.0 178.8

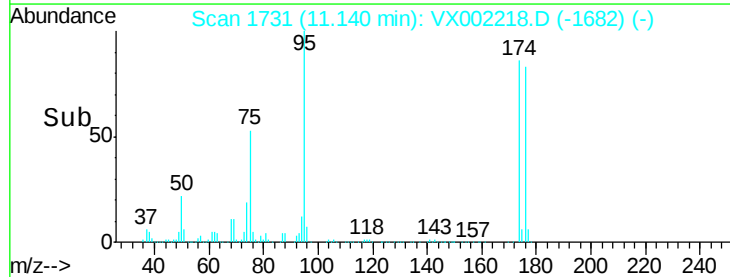
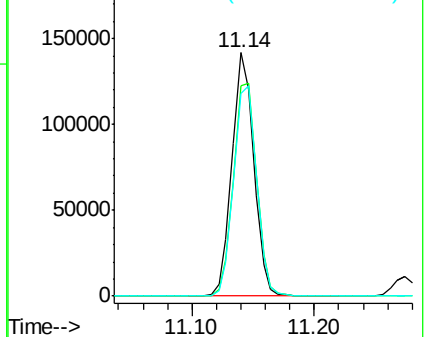
176 91.2 0.0 175.6



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

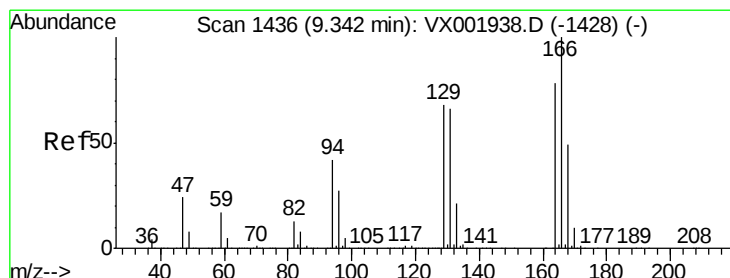
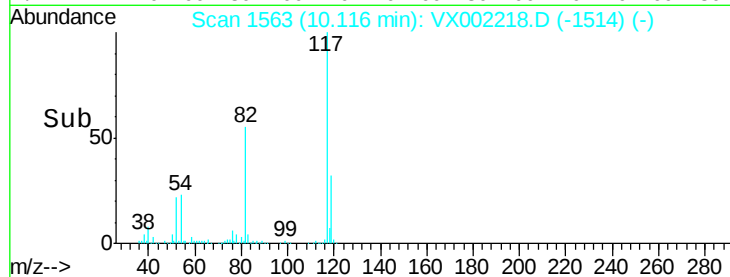
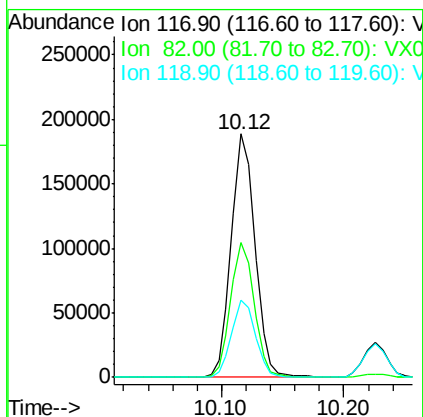
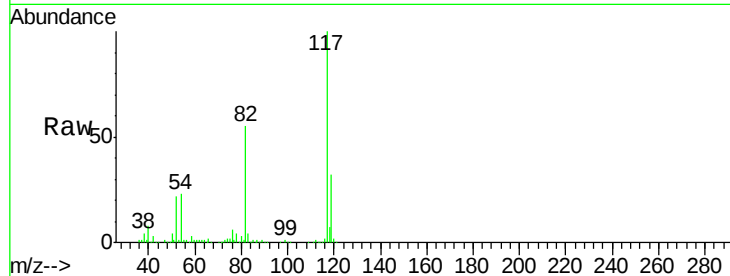




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

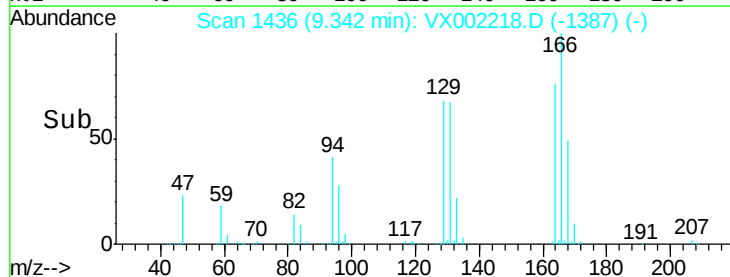
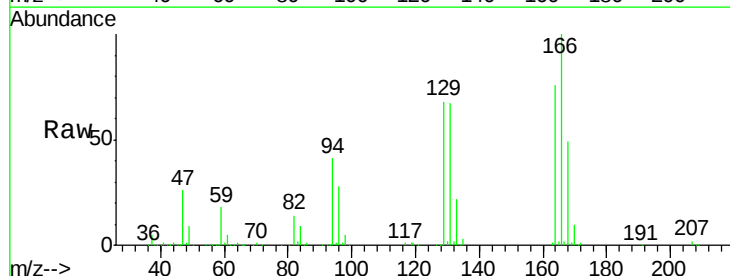
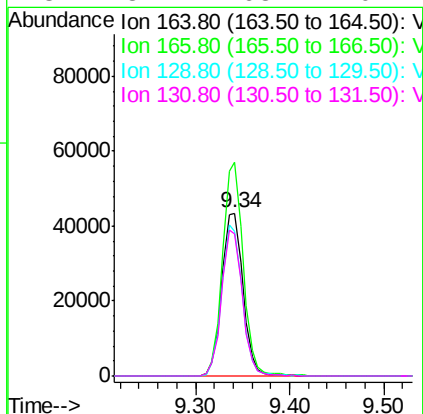
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.8	67.2
119	31.9	25.5	38.3



#64
Tetrachloroethene
Concen: 18.68 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.9	102.7	154.1
129	88.9	70.3	105.5
131	87.4	68.2	102.4





#65

Chlorobenzene

Concen: 19.22 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

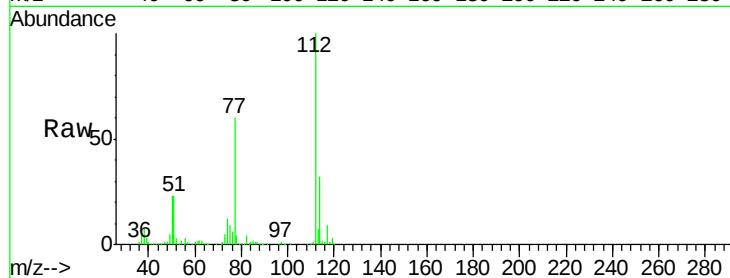
ClientSampleId :

Tot Ion:112 Resp: 154800

Ion Ratio Lower Upper

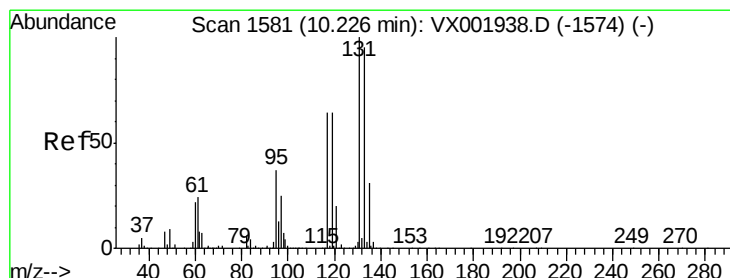
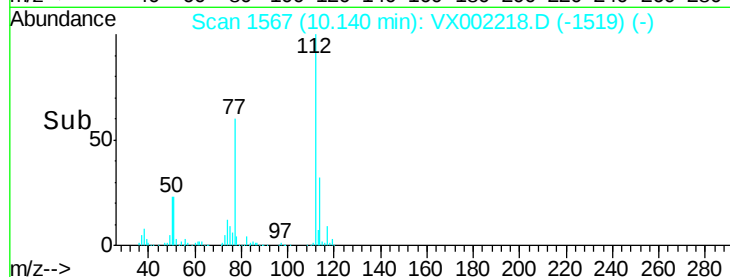
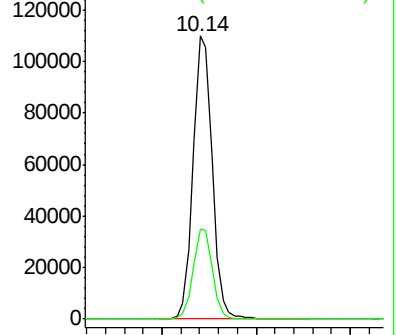
112 100

114 31.8 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: 16.73 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

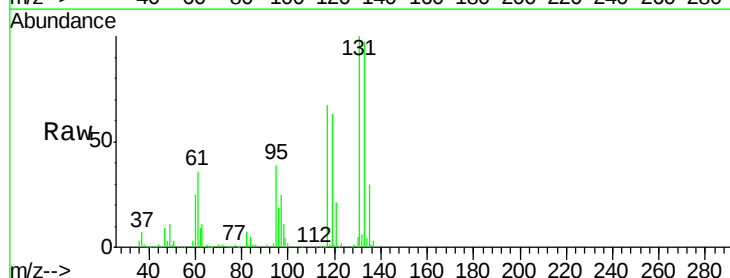
Tgt Ion:131 Resp: 54416

Ion Ratio Lower Upper

131 100

133 97.3 48.0 144.0

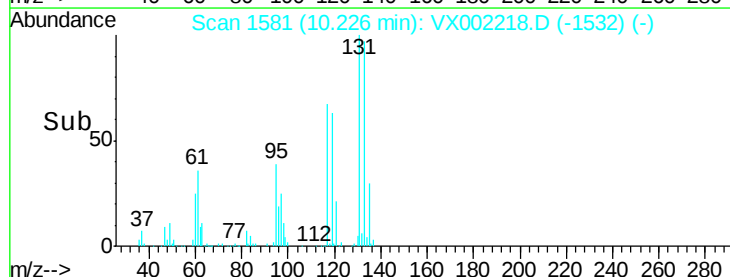
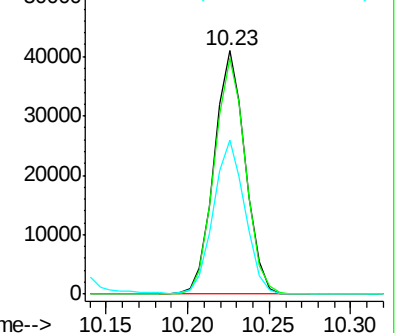
119 64.0 31.9 95.5

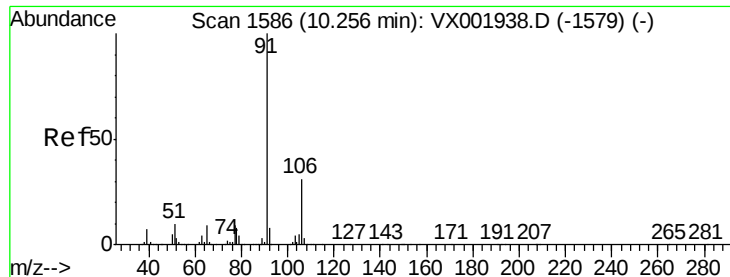


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.76 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

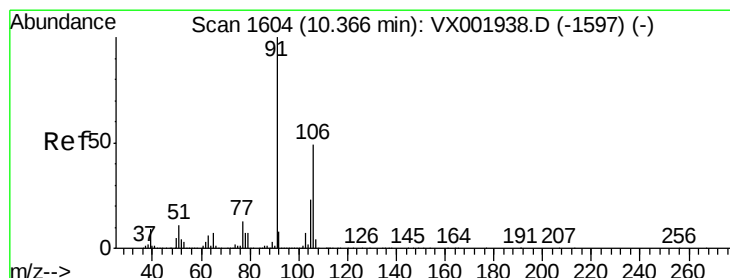
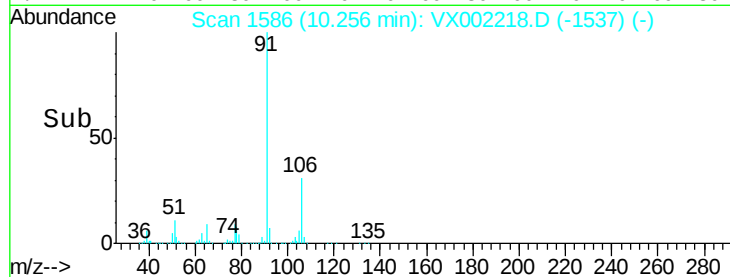
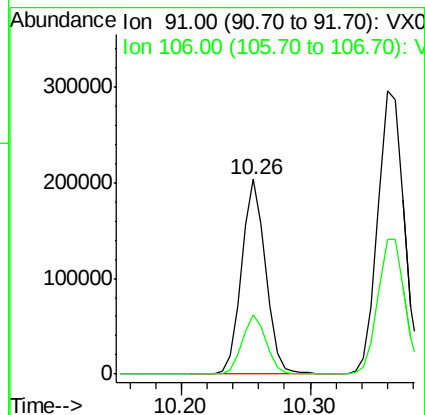
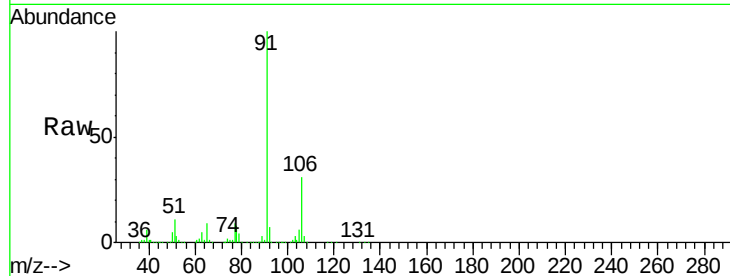
ClientSampleId :

Tot Ion: 91 Resp: 262460

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.6



#68

m/p-Xylenes

Concen: 37.88 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002218.D

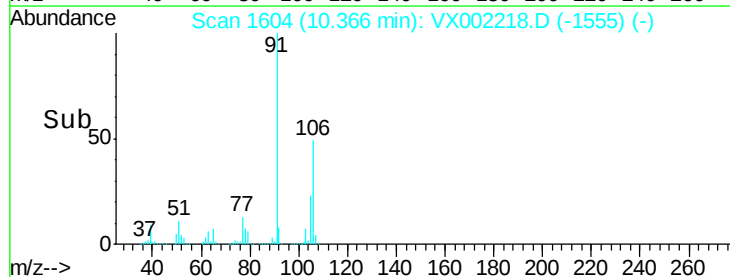
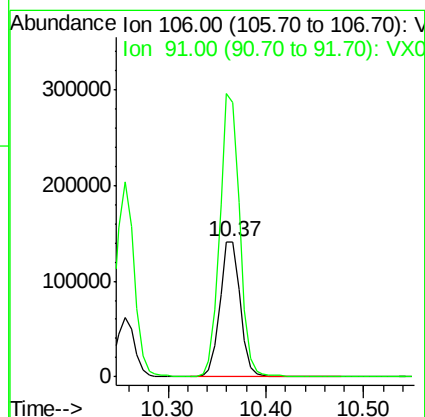
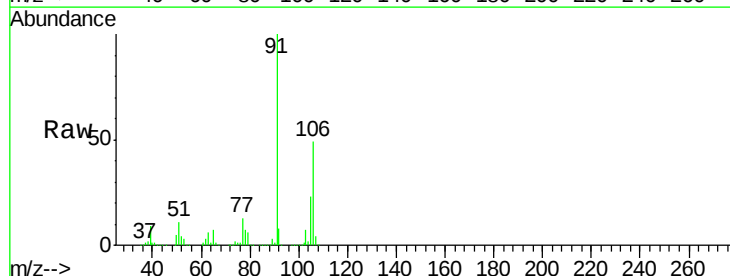
Acq: 01 Jun 2018 18:09

Tgt Ion: 106 Resp: 202622

Ion Ratio Lower Upper

106 100

91 205.8 165.0 247.6

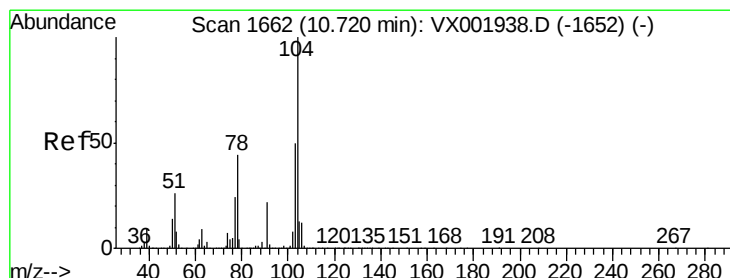
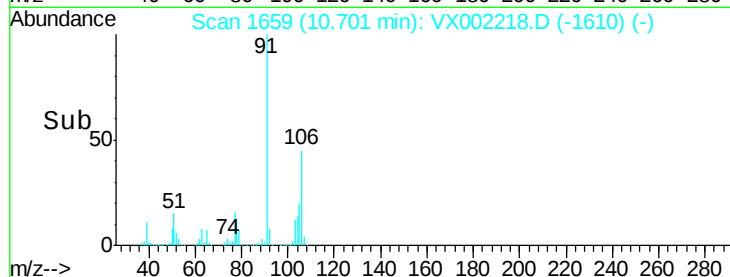
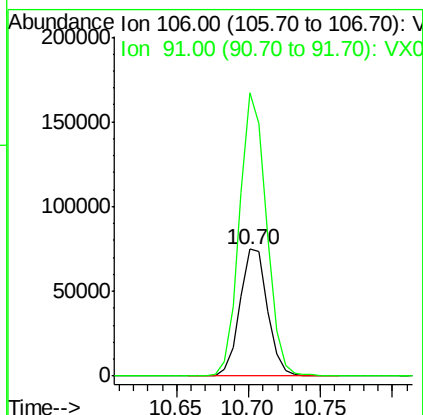
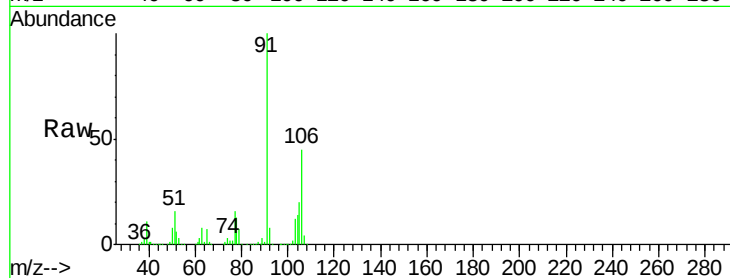




#69
o-Xylene
Concen: 18.77 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

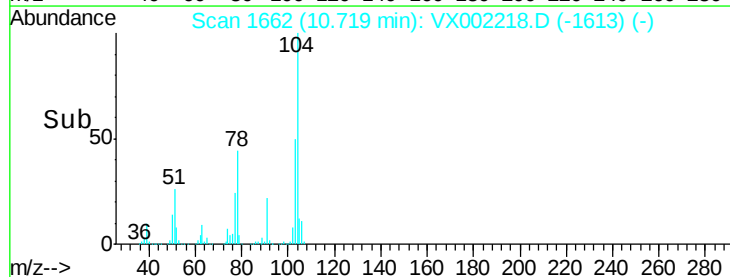
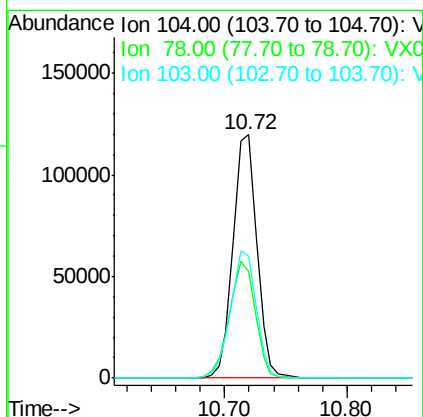
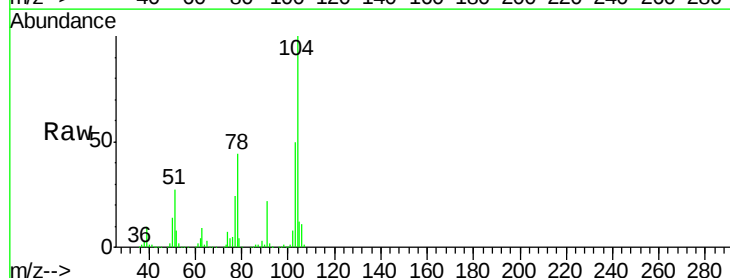
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 100226
Ion Ratio Lower Upper
106 100
91 218.5 108.7 325.9



#70
Styrene
Concen: 18.25 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion:104 Resp: 161641
Ion Ratio Lower Upper
104 100
78 52.9 41.8 62.6
103 56.7 44.6 67.0

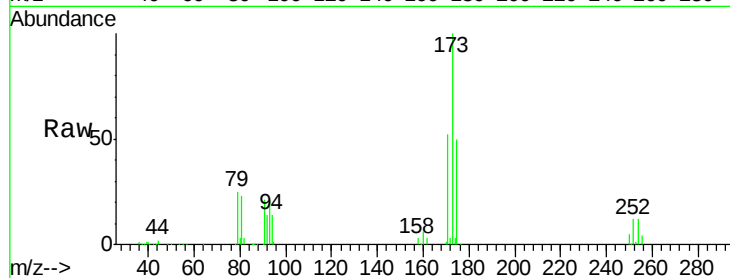




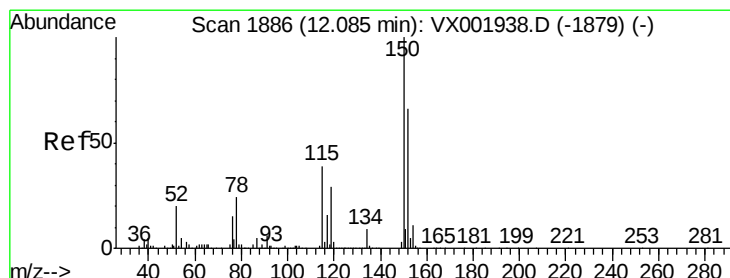
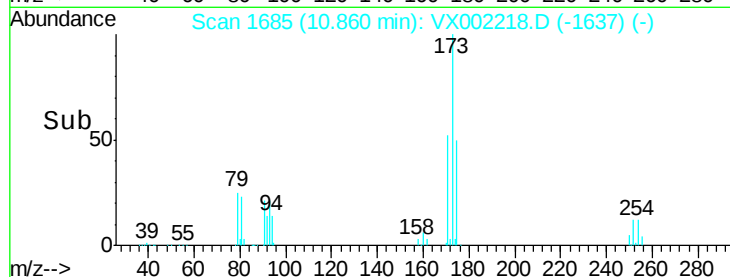
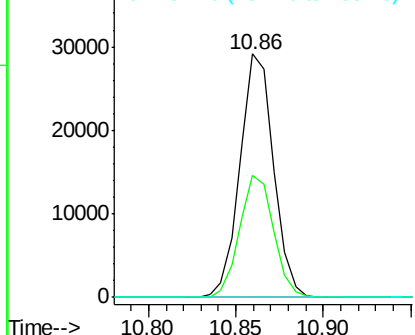
#71
Bromoform
Concen: 12.59 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 38811
Ion Ratio Lower Upper
173 100
175 50.9 24.3 72.9
254 0.1 0.1 0.1#

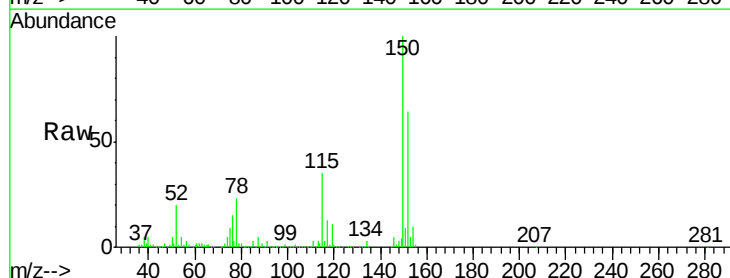


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

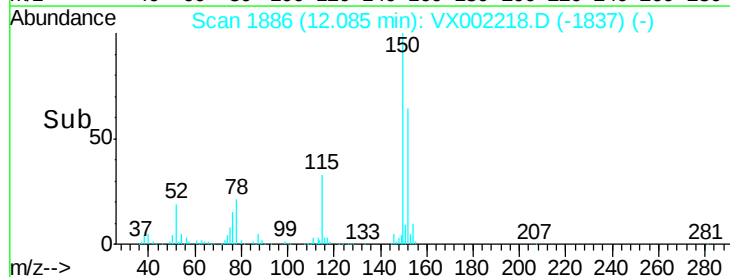
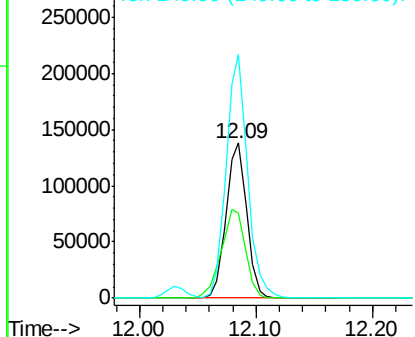


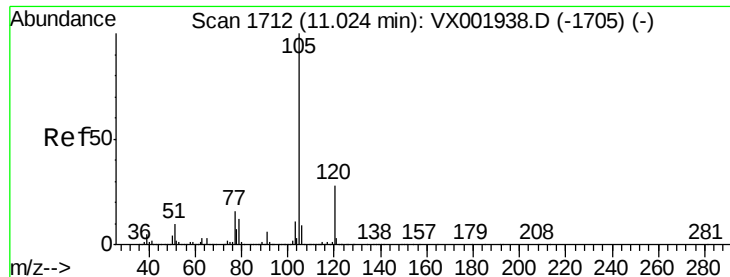
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion:152 Resp: 168487
Ion Ratio Lower Upper
152 100
115 66.7 42.3 126.8
150 163.0 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: 19.08 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

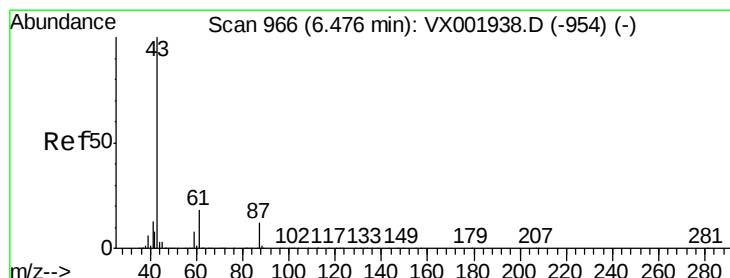
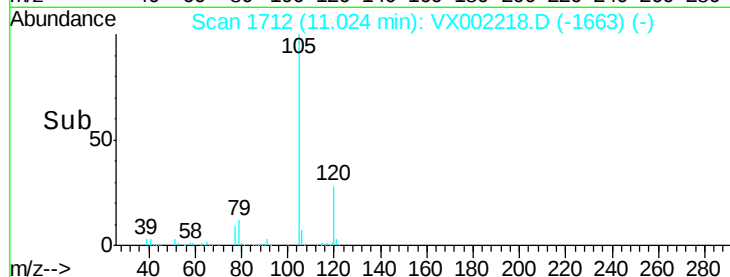
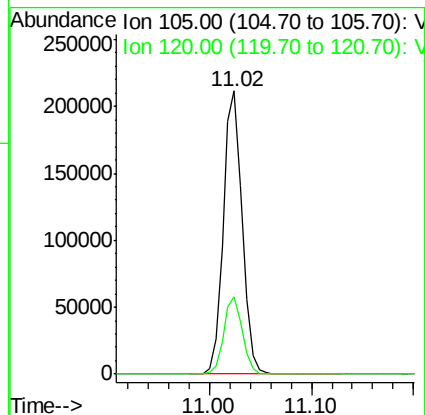
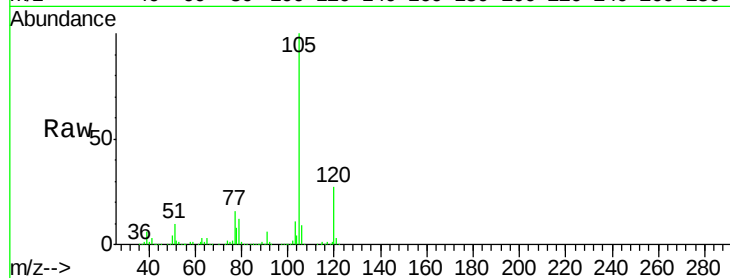
ClientSampled :

Tot Ion:105 Resp: 272272

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.7



#74

N-ethyl acetate

Concen: 17.76 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Tgt Ion: 43 Resp: 146502

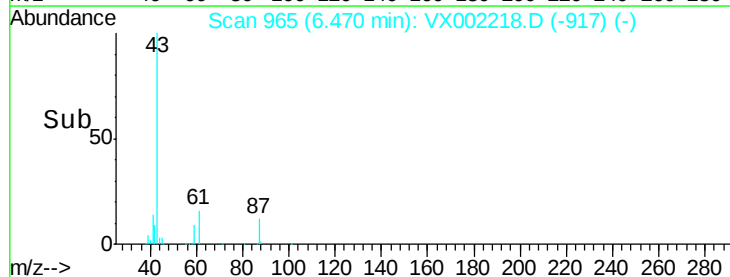
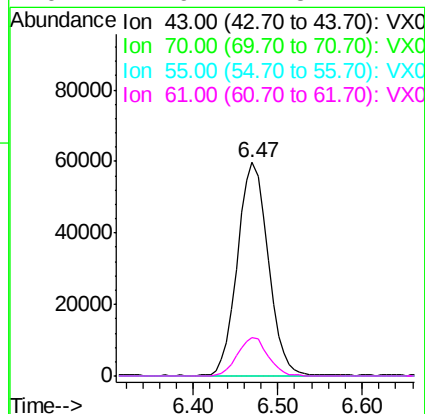
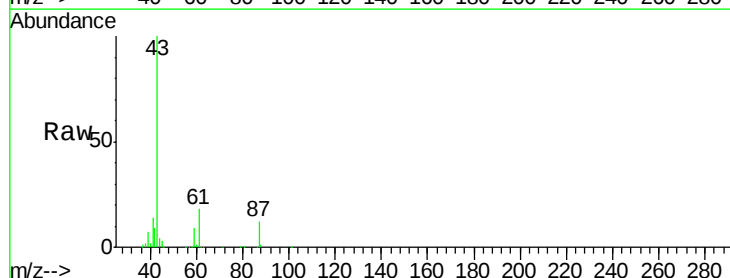
Ion Ratio Lower Upper

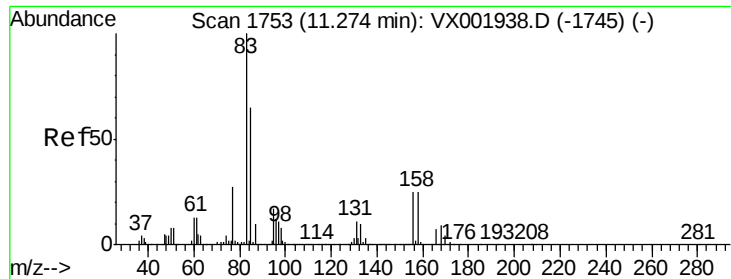
43 100

70 0.0 0.1 0.1#

55 0.2 0.1 0.1#

61 17.9 14.5 21.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.53 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

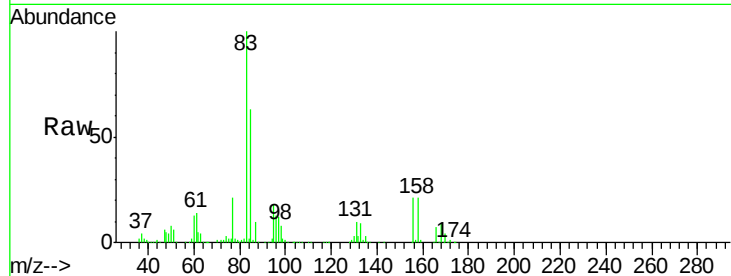
Tot Ion: 83 Resp: 83012

Ion Ratio Lower Upper

83 100

131 10.6 5.7 17.0

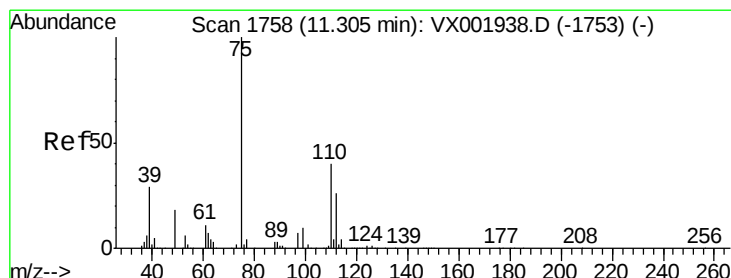
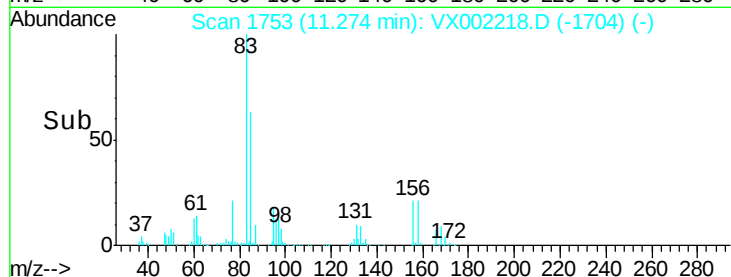
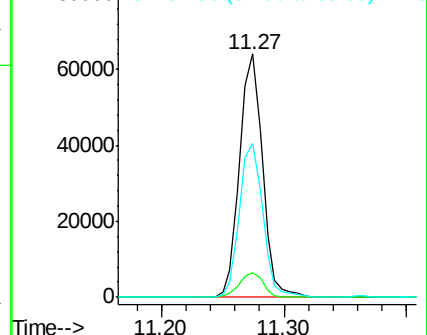
85 64.5 32.6 97.7



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: 23.92 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002218.D

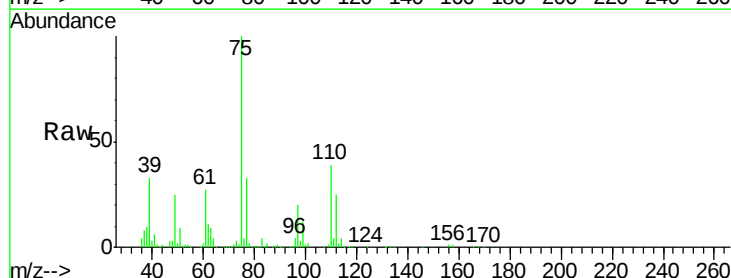
Acq: 01 Jun 2018 18:09

Tgt Ion: 75 Resp: 96795

Ion Ratio Lower Upper

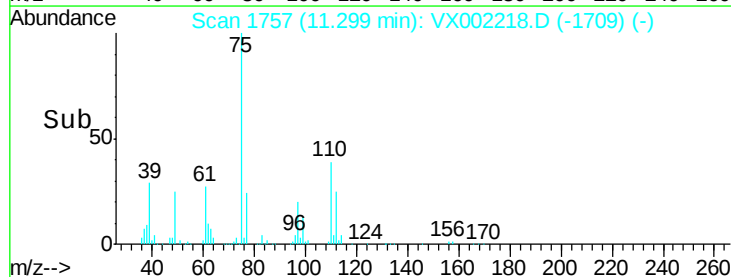
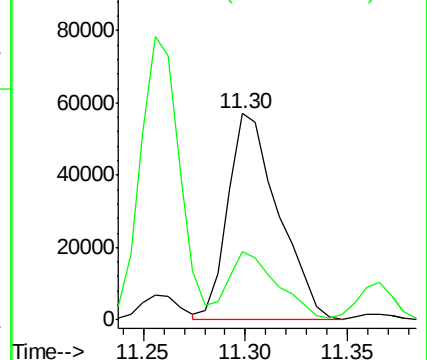
75 100

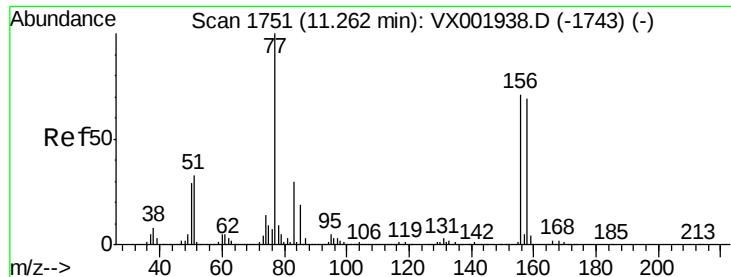
77 33.0 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.40 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

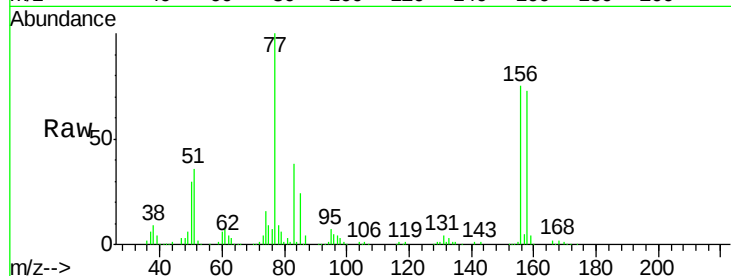
Tot Ion:156 Resp: 73435

Ion Ratio Lower Upper

156 100

77 140.9 75.2 225.6

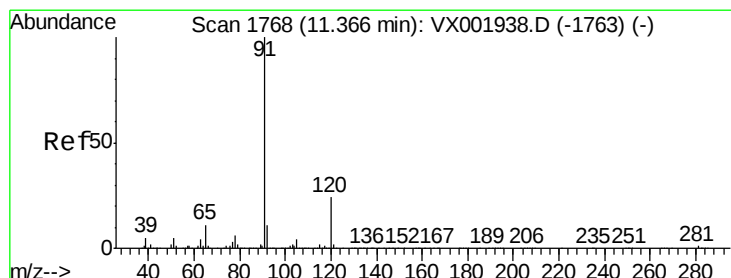
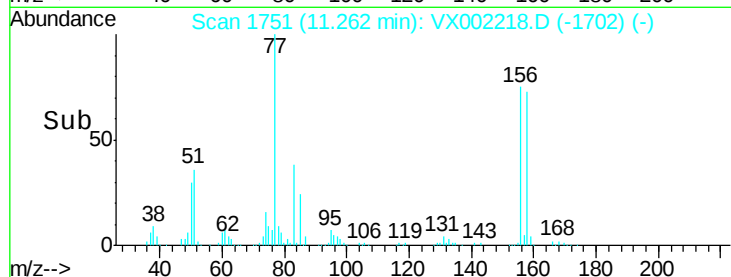
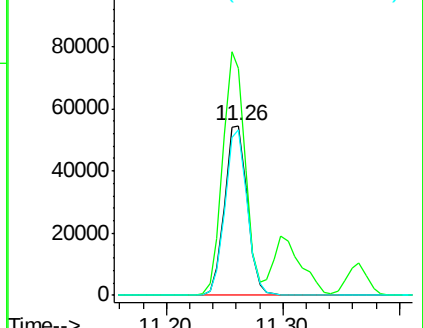
158 96.2 48.6 145.8



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: 19.16 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002218.D

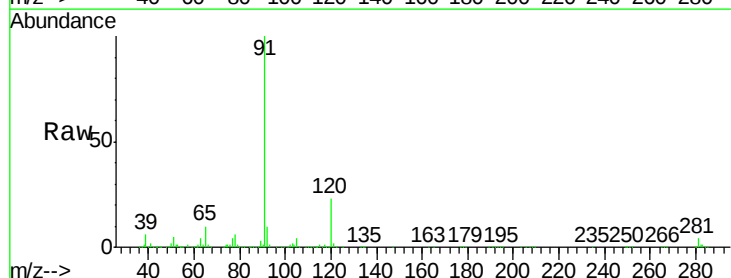
Acq: 01 Jun 2018 18:09

Tgt Ion: 91 Resp: 306093

Ion Ratio Lower Upper

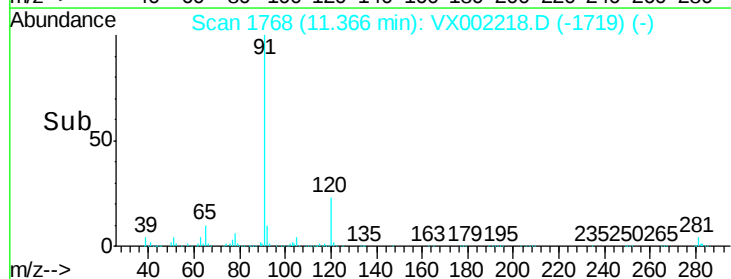
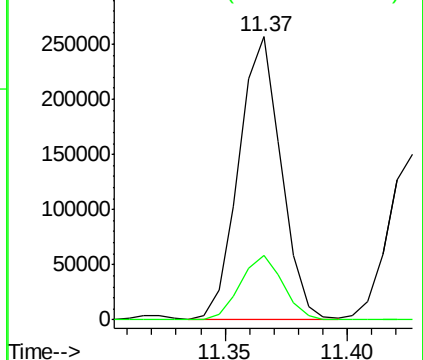
91 100

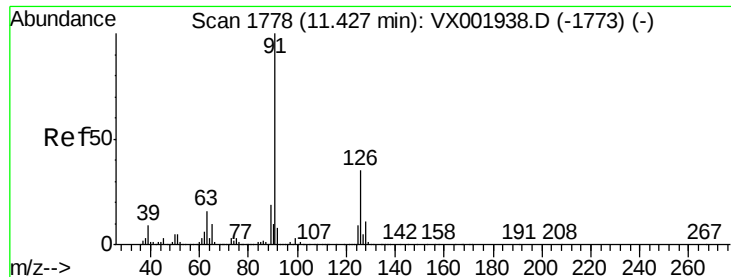
120 23.5 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.58 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

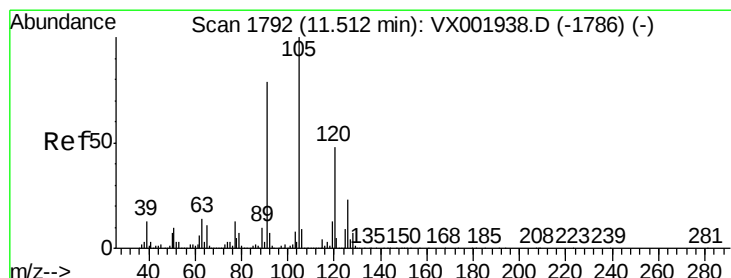
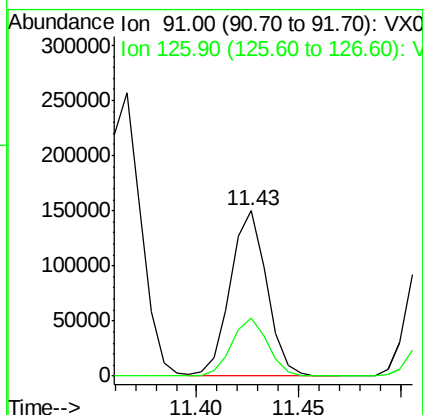
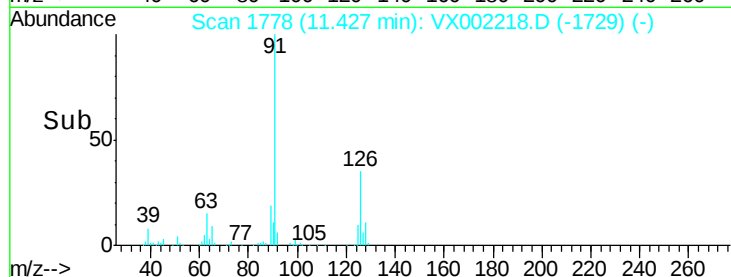
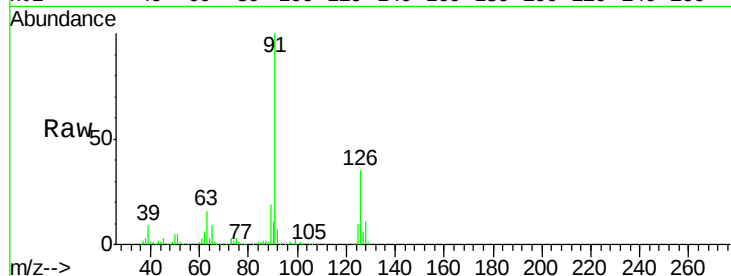
ClientSampled :

Tot Ion: 91 Resp: 183929

Ion Ratio Lower Upper

91 100

126 35.0 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 18.96 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002218.D

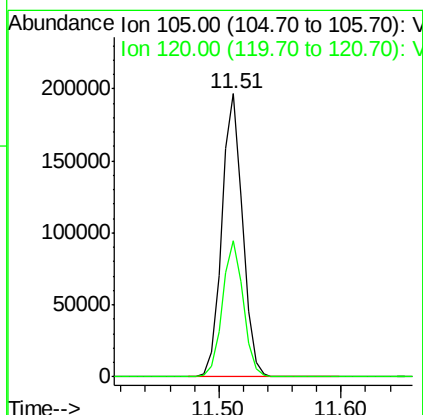
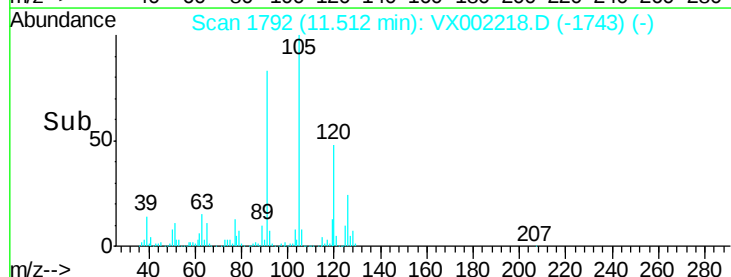
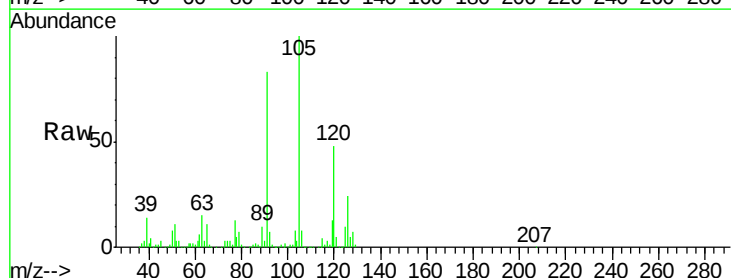
Acq: 01 Jun 2018 18:09

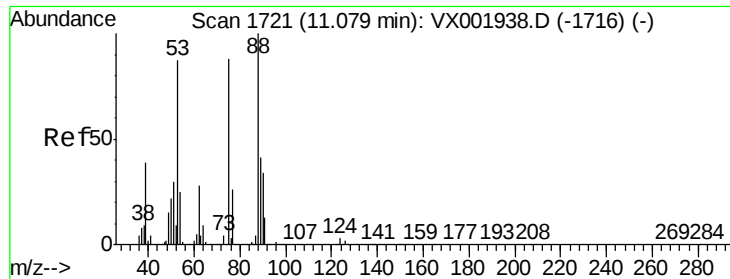
Tgt Ion: 105 Resp: 231126

Ion Ratio Lower Upper

105 100

120 48.2 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 12.60 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

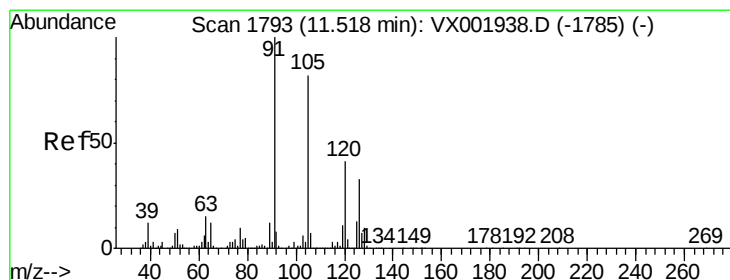
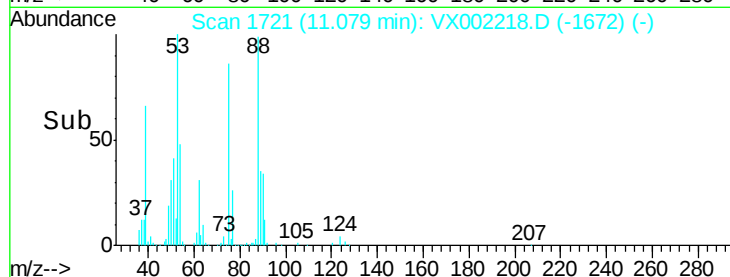
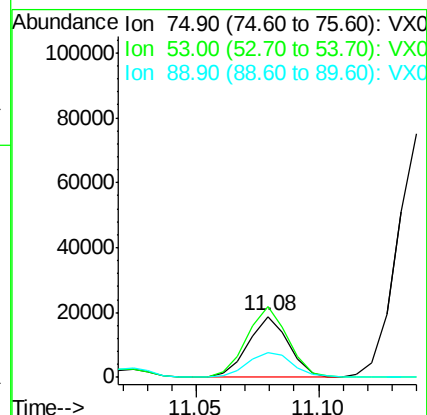
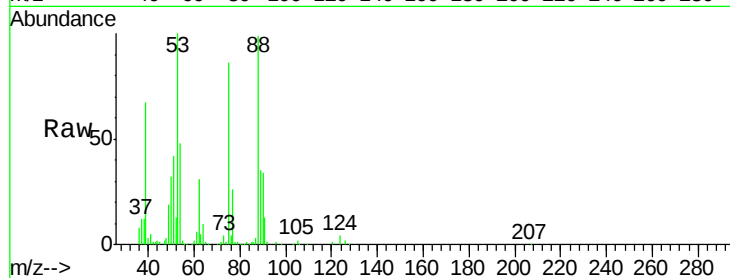
Tot Ion: 75 Resp: 21214

Ion Ratio Lower Upper

75 100

53 120.9 78.0 117.0#

89 47.4 39.4 59.2



#82

4-Chlorotoluene

Concen: 18.95 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX002218.D

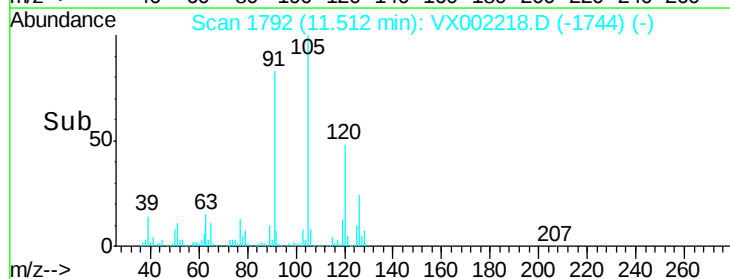
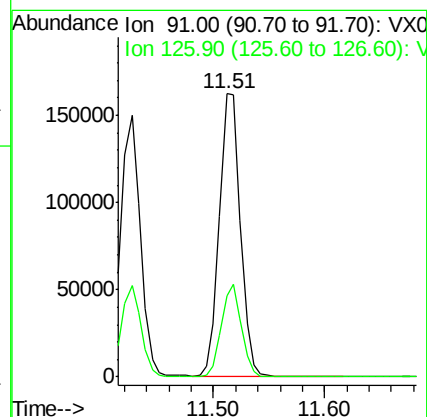
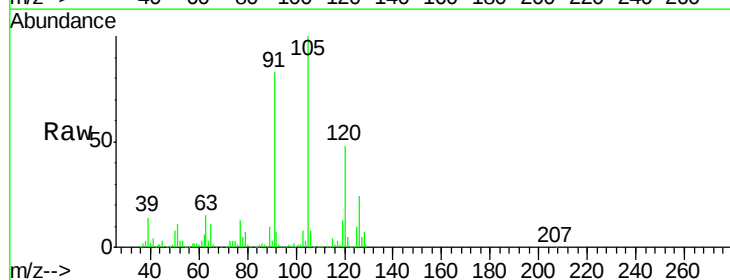
Acq: 01 Jun 2018 18:09

Tgt Ion: 91 Resp: 213605

Ion Ratio Lower Upper

91 100

126 31.0 15.3 45.8





#83

tert-Butylbenzene

Concen: 18.66 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

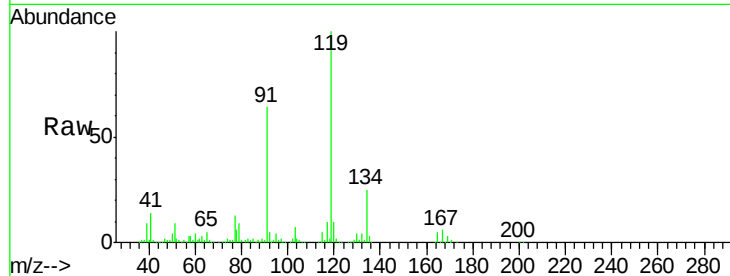
Tot Ion:119 Resp: 223271

Ion Ratio Lower Upper

119 100

91 61.7 30.6 91.8

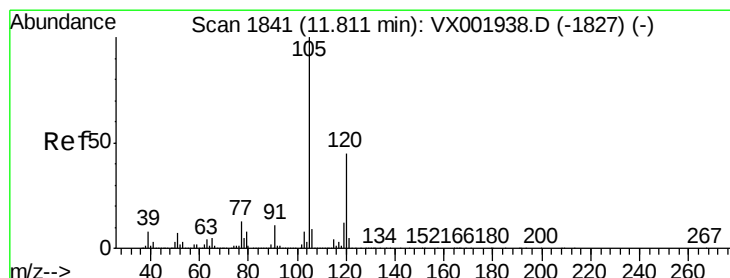
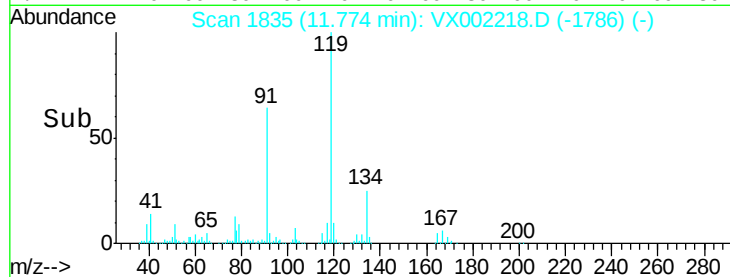
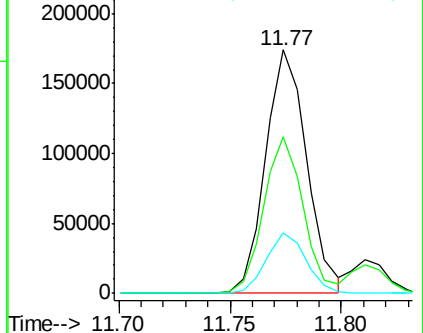
134 24.1 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.69 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002218.D

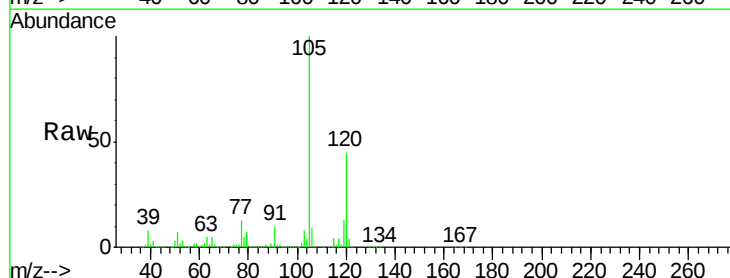
Acq: 01 Jun 2018 18:09

Tgt Ion:105 Resp: 235560

Ion Ratio Lower Upper

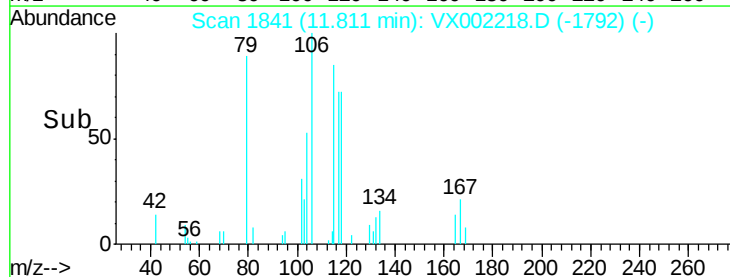
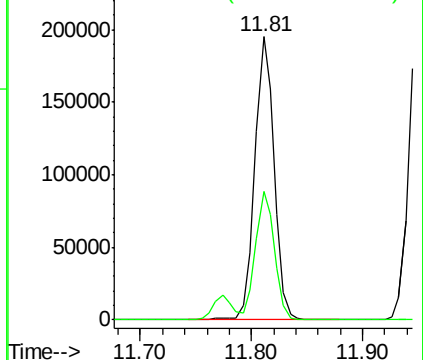
105 100

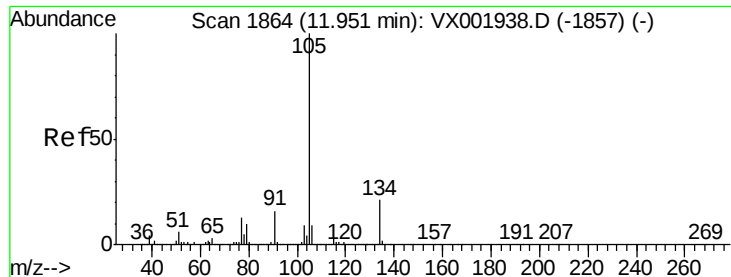
120 44.4 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.39 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

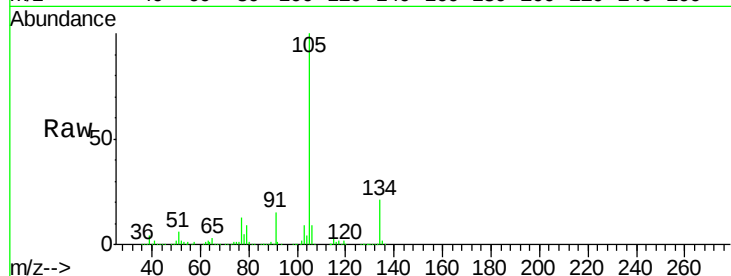
ClientSampleId :

Tot Ion:105 Resp: 278922

Ion Ratio Lower Upper

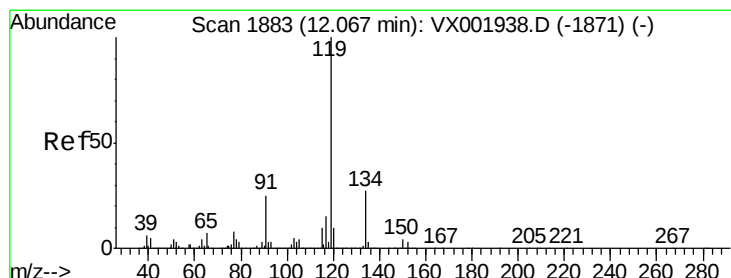
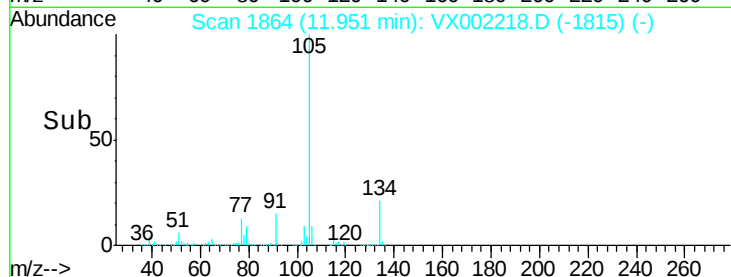
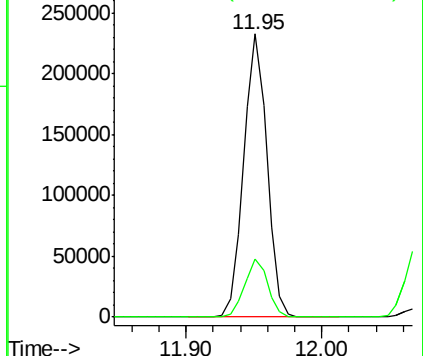
105 100

134 20.6 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: 19.20 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

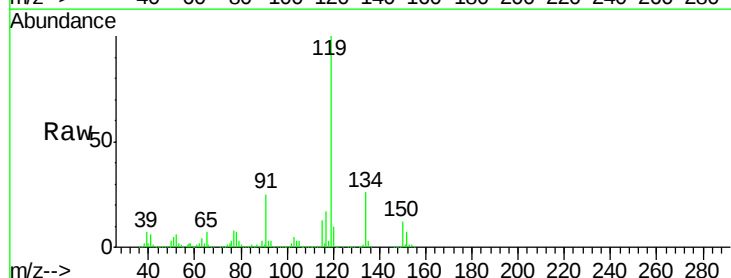
Tgt Ion:119 Resp: 247098

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.8

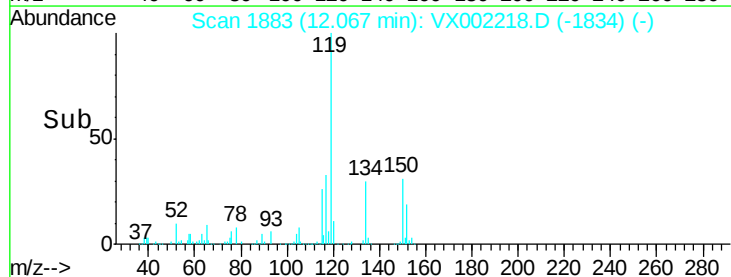
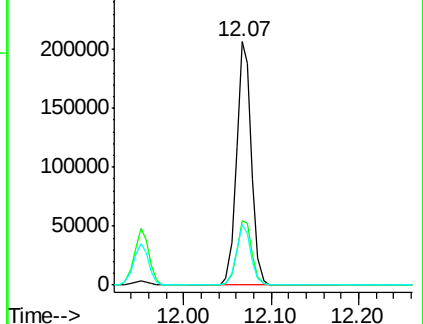
91 24.2 12.2 36.4

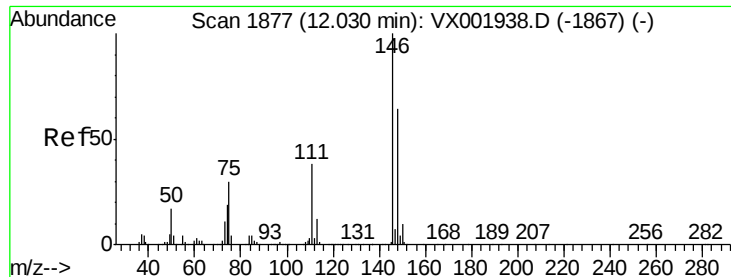


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

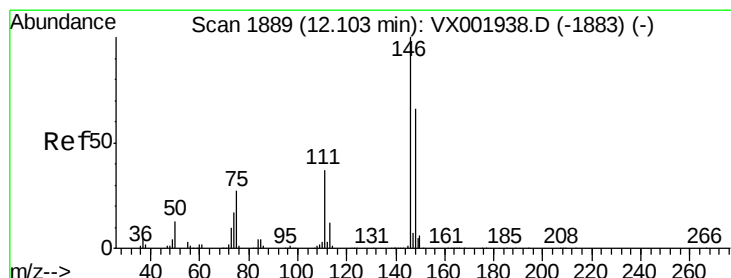
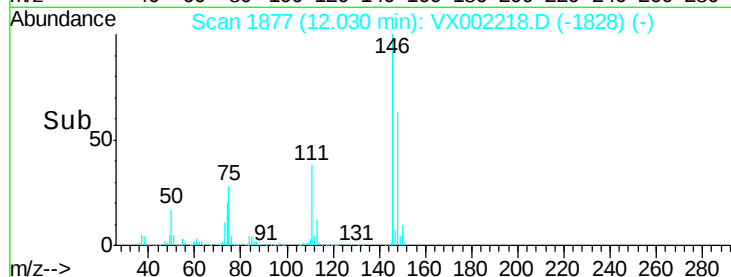
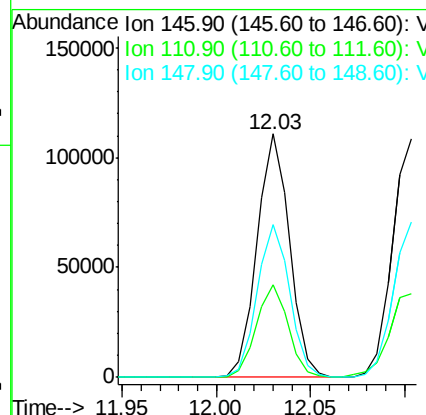
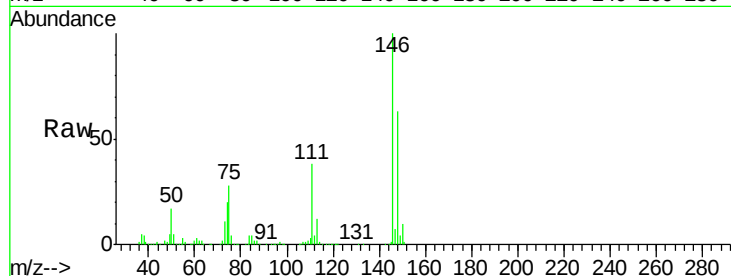




#87
 1,3-Dichlorobenzene
 Concen: 19.56 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

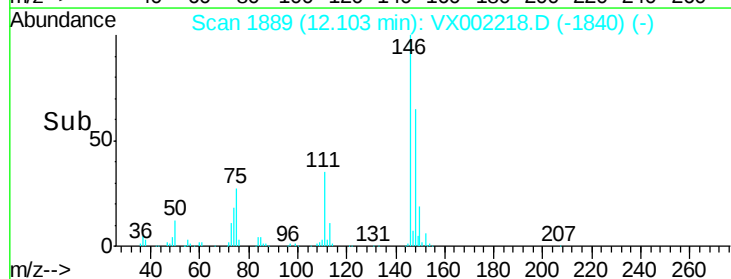
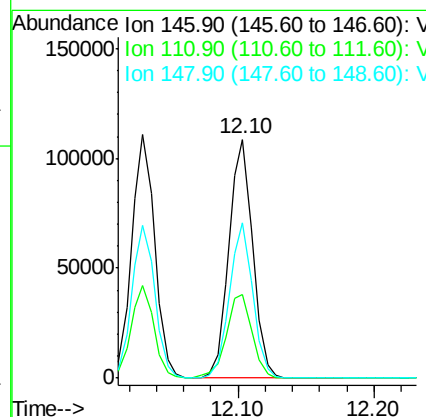
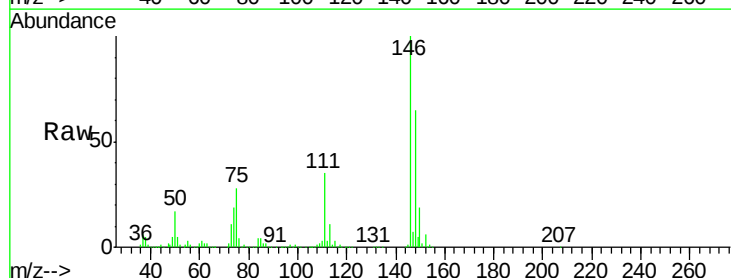
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.3	57.8
148	62.9	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.47 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.5
148	63.8	32.3	96.8





#89

n-Butylbenzene

Concen: 19.23 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampleId :

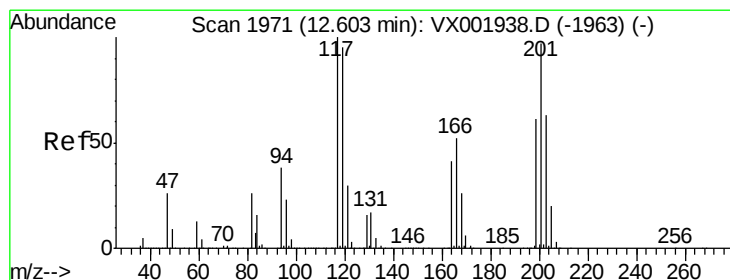
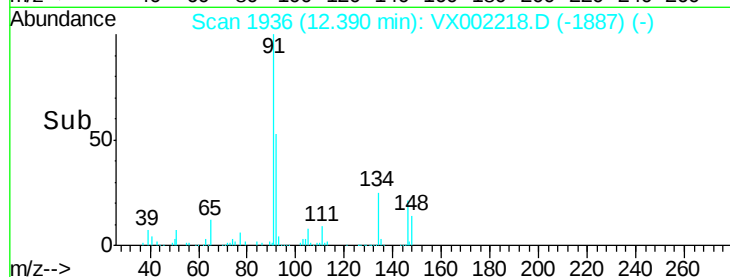
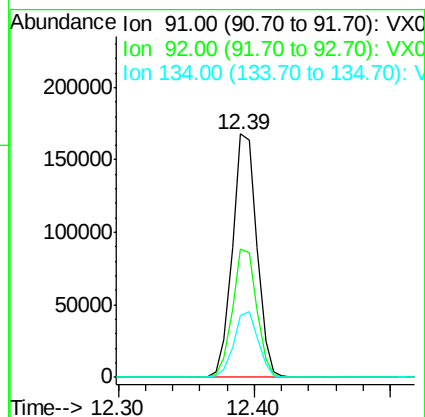
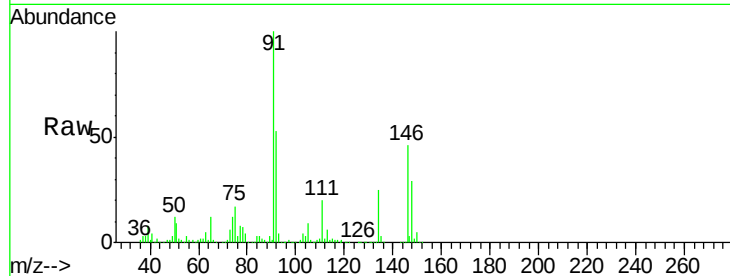
Tot Ion: 91 Resp: 209679

Ion Ratio Lower Upper

91 100

92 52.3 26.3 78.9

134 26.6 13.6 40.7



#90

Hexachloroethane

Concen: 13.30 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX002218.D

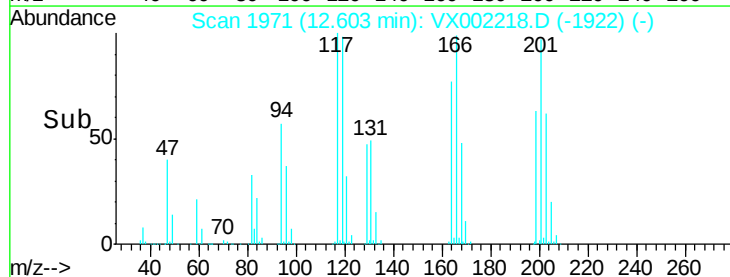
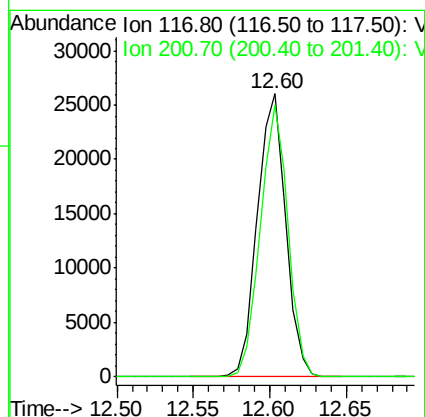
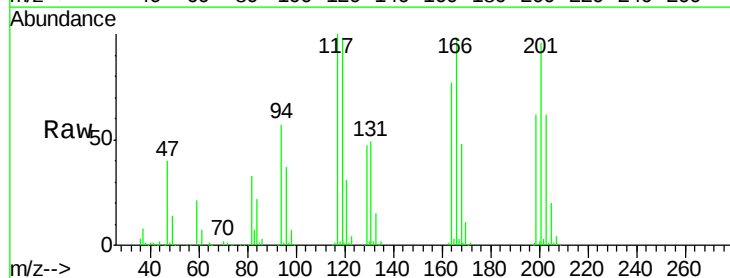
Acq: 01 Jun 2018 18:09

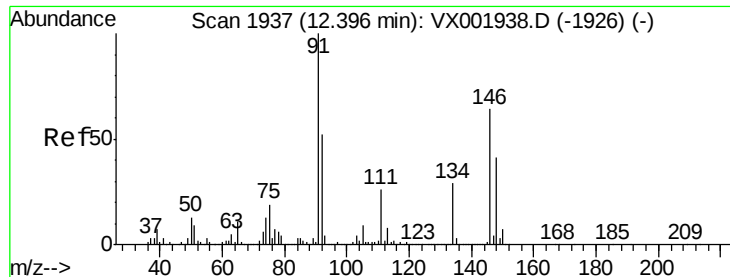
Tgt Ion: 117 Resp: 33768

Ion Ratio Lower Upper

117 100

201 93.6 48.0 144.0





#91

1,2-Dichlorobenzene

Concen: 19.54 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

Instrument :

MSVOA_X

ClientSampled :

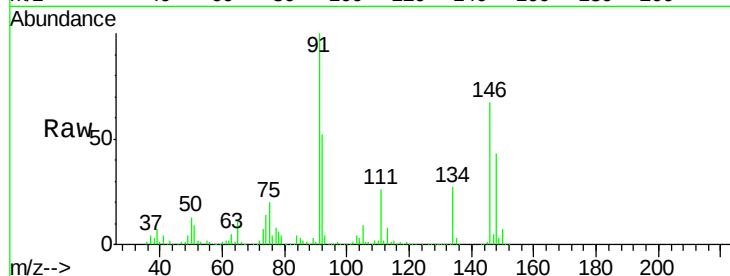
Tot Ion:146 Resp: 134980

Ion Ratio Lower Upper

146 100

111 38.9 19.8 59.3

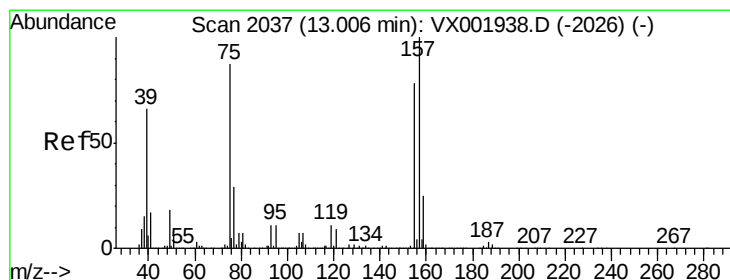
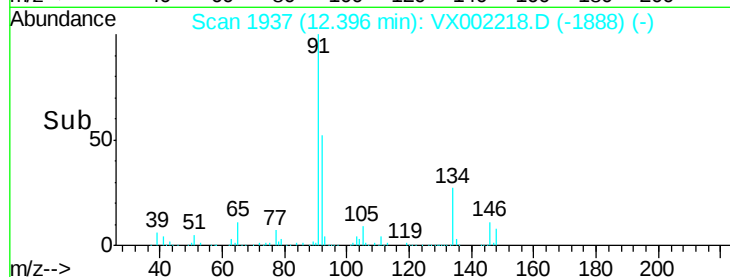
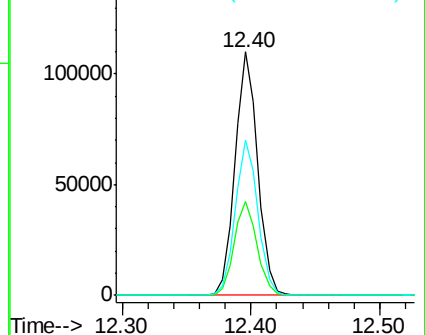
148 63.8 32.1 96.5



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: 13.59 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002218.D

Acq: 01 Jun 2018 18:09

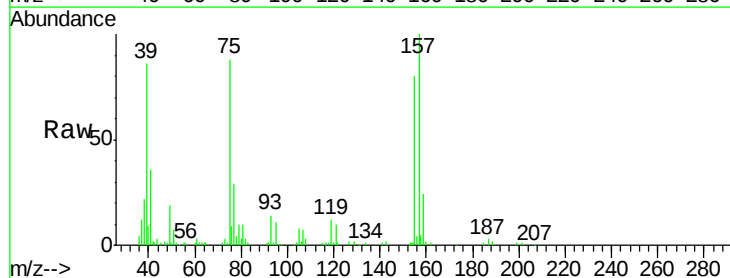
Tgt Ion: 75 Resp: 17235

Ion Ratio Lower Upper

75 100

155 92.6 45.1 135.2

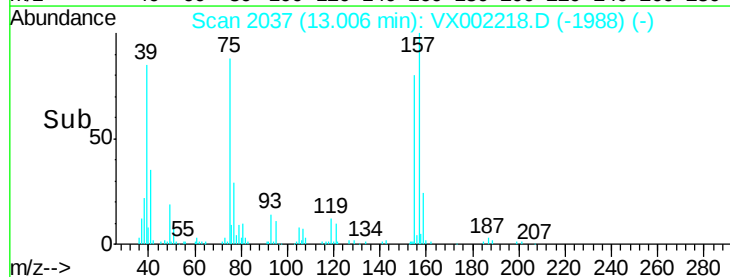
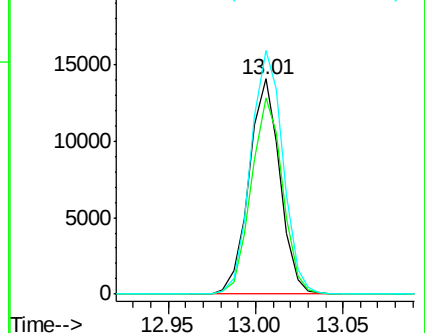
157 118.0 58.1 174.2



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

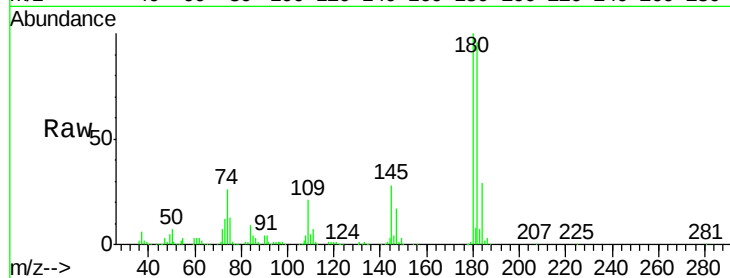




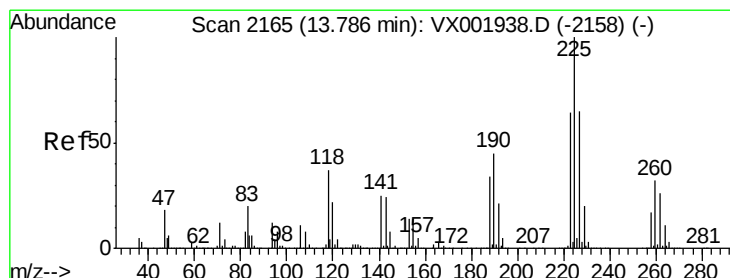
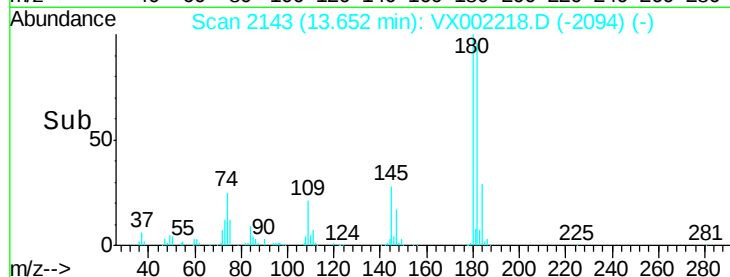
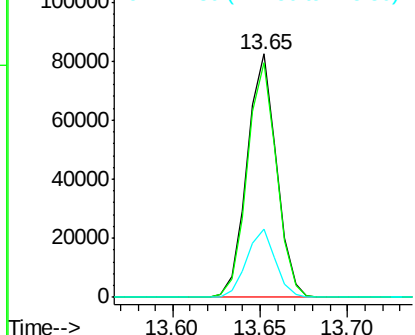
#93
 1,2,4-Trichlorobenzene
 Concen: 19.37 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.7	143.1
145	27.7	14.4	43.0

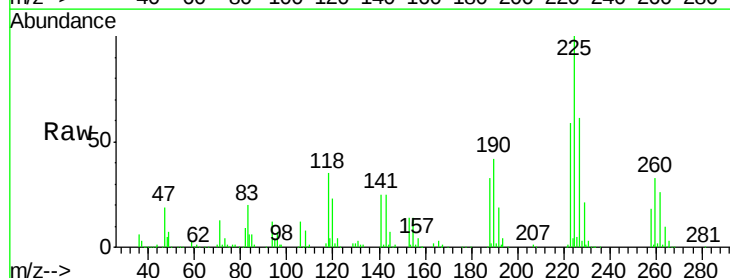


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

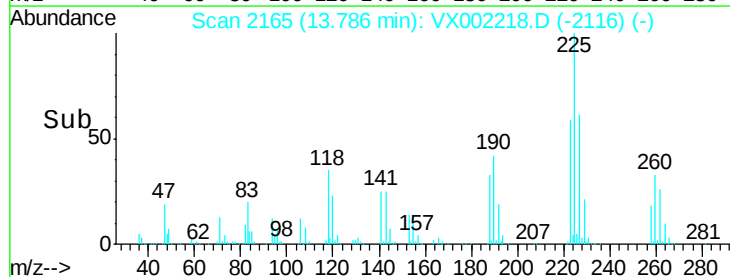
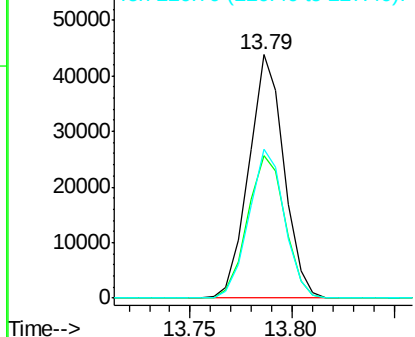


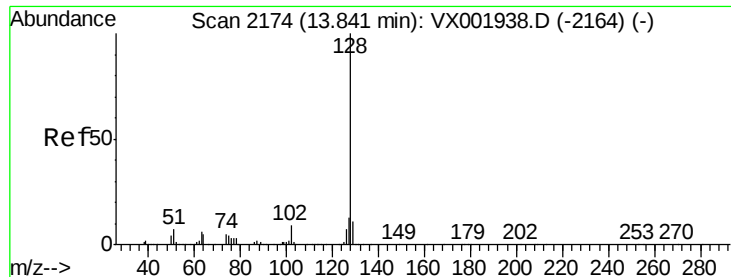
#94
 Hexachlorobutadiene
 Concen: 19.75 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002218.D
 Acq: 01 Jun 2018 18:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.1	93.5
227	62.0	32.1	96.5



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

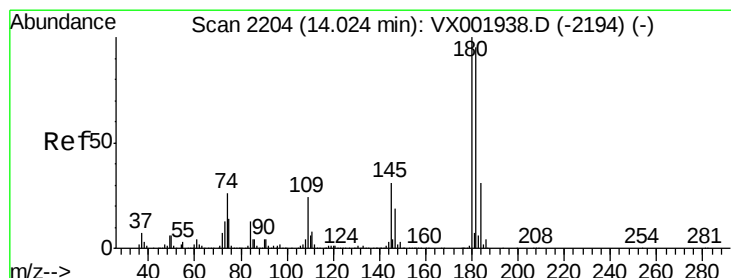
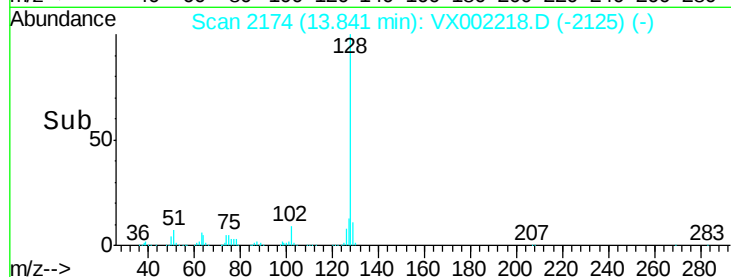
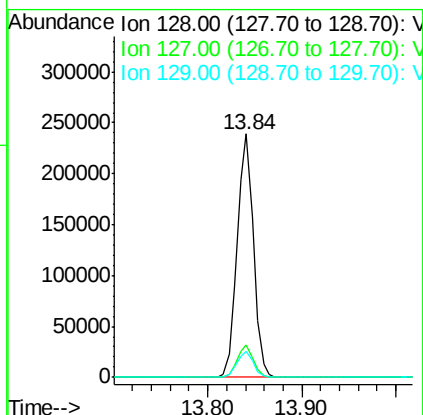
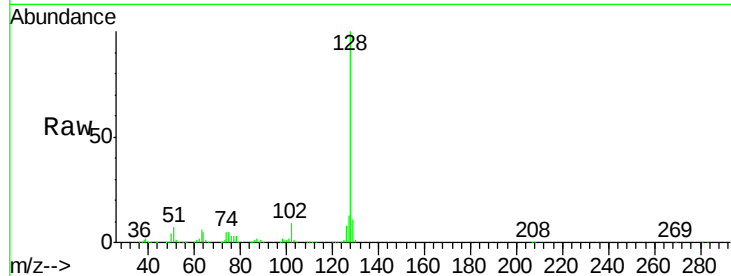




#95
Naphthalene
Concen: 18.79 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 285960
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.51 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002218.D
Acq: 01 Jun 2018 18:09

Tgt Ion:180 Resp: 99713
Ion Ratio Lower Upper
180 100
182 94.3 47.9 143.6
145 29.8 15.1 45.3

