

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002186.D
 Acq On : 31 May 2018 19:57
 Operator : JC/MD
 Sample : VX0531WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 01 03:25:15 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	263328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	370304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	227026	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	204451	43.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.88%	
35) Dibromofluoromethane	5.51	113	157646	42.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.14%	
50) Toluene-d8	8.72	98	567962	42.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.74%	
62) 4-Bromofluorobenzene	11.14	95	222035	42.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	58445	16.37	ug/l	98
3) Chloromethane	1.32	50	74663	18.43	ug/l	99
4) Vinyl Chloride	1.40	62	78348	20.03	ug/l	99
5) Bromomethane	1.64	94	46152	25.15	ug/l	100
6) Chloroethane	1.72	64	51869	22.49	ug/l	99
7) Trichlorofluoromethane	1.93	101	132087	22.48	ug/l	100
8) Diethyl Ether	2.19	74	51664	24.24	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	75551	23.05	ug/l	98
10) Methyl Iodide	2.51	142	84096	18.96	ug/l	97
11) Tert butyl alcohol	3.07	59	113588	122.94	ug/l	98
12) 1,1-Dichloroethene	2.37	96	67298	21.93	ug/l	95
13) Acrolein	2.30	56	29739	74.44	ug/l	98
14) Allyl chloride	2.73	41	146474	22.73	ug/l	97
15) Acrylonitrile	3.15	53	229130	120.60	ug/l	99
16) Acetone	2.45	43	247990	136.52	ug/l	98
17) Carbon Disulfide	2.57	76	156244	17.69	ug/l	99
18) Methyl Acetate	2.78	43	117509	26.31	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	276576	23.96	ug/l	100
20) Methylene Chloride	2.86	84	81434	25.06	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	71868	23.20	ug/l	97
22) Diisopropyl ether	3.88	45	266827	20.36	ug/l	100
23) Vinyl Acetate	3.83	43	1160635	106.82	ug/l	99
24) 1,1-Dichloroethane	3.70	63	146819	23.58	ug/l	99
25) 2-Butanone	4.71	43	332203	99.78	ug/l	99
26) 2,2-Dichloropropane	4.59	77	109889	17.44	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	77540	19.37	ug/l	96
28) Bromochloromethane	5.03	49	65551	24.00	ug/l	100
29) Tetrahydrofuran	5.17	42	209989	96.94	ug/l	99
30) Chloroform	5.22	83	137725	19.64	ug/l	99
31) Cyclohexane	5.58	56	119773	18.47	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	119201	18.23	ug/l	98
36) 1,1-Dichloropropene	5.81	75	97870	19.00	ug/l	99
37) Ethyl Acetate	4.87	43	125451	18.68	ug/l	99
38) Carbon Tetrachloride	5.79	117	103511	17.23	ug/l	95

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 ClientSampleId :

Quant Time: Jun 01 03:25:15 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	122462	19.35	ug/l	100
40) Benzene	6.15	78	297381	19.71	ug/l	99
41) Methacrylonitrile	5.07	41	71217	19.26	ug/l	99
42) 1,2-Dichloroethane	6.20	62	119986	19.91	ug/l	99
43) Isopropyl Acetate	6.47	43	212156	18.96	ug/l	100
44) Trichloroethene	7.22	130	84350	19.18	ug/l	95
45) 1,2-Dichloropropane	7.52	63	81519	19.89	ug/l	98
46) Dibromomethane	7.67	93	53560	19.74	ug/l	99
47) Bromodichloromethane	7.90	83	98567	17.04	ug/l	100
48) Methyl methacrylate	7.78	41	106550	18.71	ug/l	97
49) 1,4-Dioxane	7.76	88	41438	412.93	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	682337	101.16	ug/l	99
52) Toluene	8.79	92	190084	19.79	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	121232	18.19	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	113286	17.45	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	80672	20.11	ug/l	98
56) Ethyl methacrylate	9.18	69	129942	18.83	ug/l	98
57) 1,3-Dichloropropane	9.38	76	135327	20.48	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	278433	91.04	ug/l	100
59) 2-Hexanone	9.50	43	533522	102.59	ug/l	99
60) Dibromochloromethane	9.59	129	79517	16.73	ug/l	99
61) 1,2-Dibromoethane	9.68	107	84036	19.96	ug/l	99
64) Tetrachloroethene	9.34	164	94168	19.22	ug/l	98
65) Chlorobenzene	10.14	112	217239	20.06	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	79415	18.16	ug/l	99
67) Ethyl Benzene	10.26	91	372411	19.80	ug/l	99
68) m/p-Xylenes	10.37	106	286829	39.89	ug/l	99
69) o-Xylene	10.71	106	142134	19.80	ug/l	100
70) Styrene	10.72	104	233552	19.61	ug/l	100
71) Bromoform	10.86	173	59640	14.39	ug/l #	99
73) Isopropylbenzene	11.02	105	381820	19.86	ug/l	99
74) N-amyl acetate	6.47	43	212156	19.34	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	116694	21.47	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	143316	26.28	ug/l	81
77) Bromobenzene	11.26	156	102879	20.17	ug/l	97
78) n-propylbenzene	11.37	91	427962	19.88	ug/l	100
79) 2-Chlorotoluene	11.43	91	257049	20.40	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	321390	19.56	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	32072	14.14	ug/l #	83
82) 4-Chlorotoluene	11.51	91	298262	19.64	ug/l	100
83) tert-Butylbenzene	11.77	119	313781	19.46	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	332472	19.58	ug/l	100
85) sec-Butylbenzene	11.95	105	388690	20.06	ug/l	99
86) p-Isopropyltoluene	12.07	119	343454	19.80	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	181489	19.87	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183228	20.06	ug/l	100
89) n-Butylbenzene	12.39	91	290569	19.77	ug/l	100
90) Hexachloroethane	12.60	117	50733	14.83	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	188561	20.26	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	26768	15.66	ug/l	99

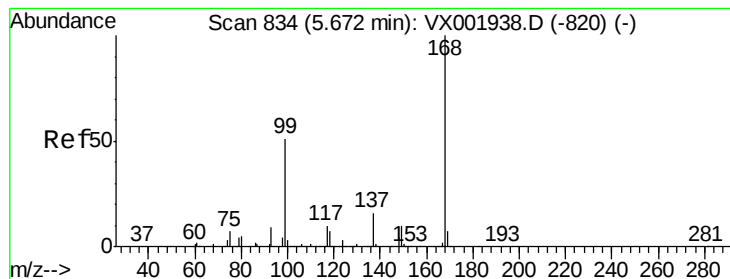
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Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	131382	19.74	ug/l	99
94) Hexachlorobutadiene	13.79	225	70123	19.59	ug/l	98
95) Naphthalene	13.84	128	410682	20.03	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	137853	20.02	ug/l	100

(#) = 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: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

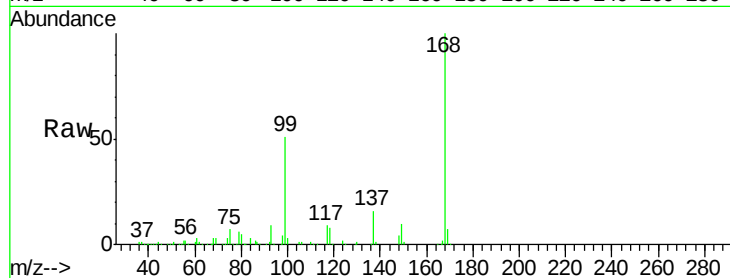
ClientSampleId :

Tot Ion:168 Resp: 263328

Ion Ratio Lower Upper

168 100

99 50.7 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

100000

80000

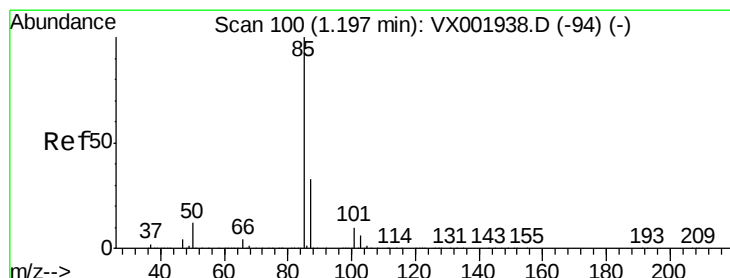
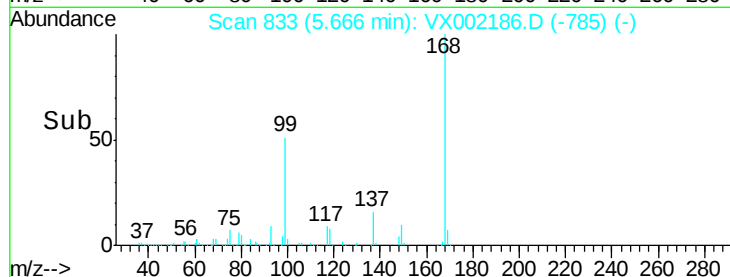
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.37 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002186.D

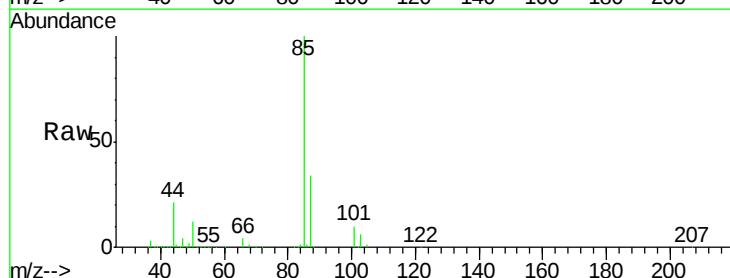
Acq: 31 May 2018 19:57

Tgt Ion: 85 Resp: 58445

Ion Ratio Lower Upper

85 100

87 34.4 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

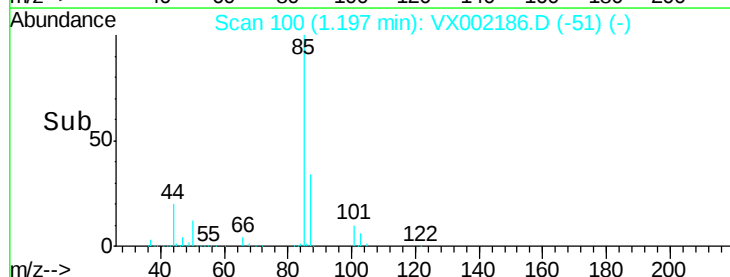
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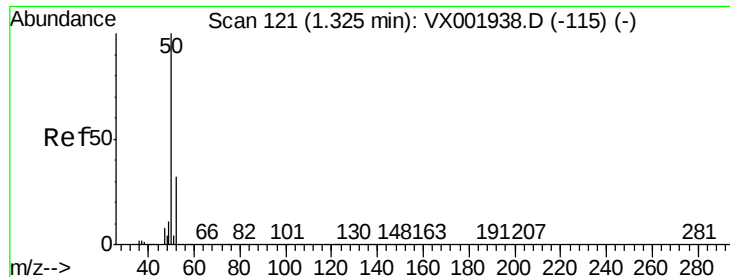
40000

20000

0

Time-->





#3

Chloromethane

Concen: 18.43 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

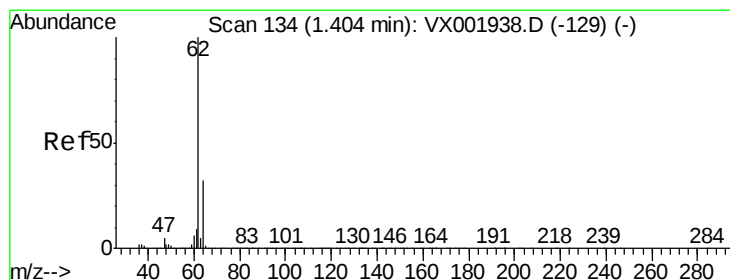
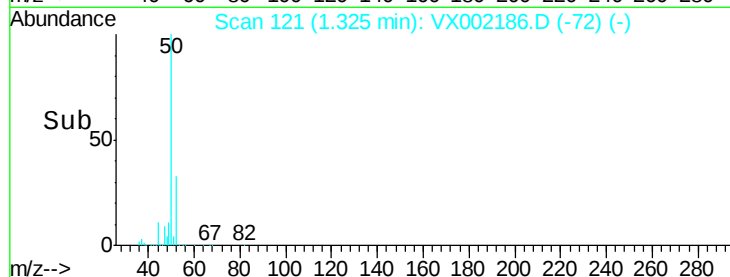
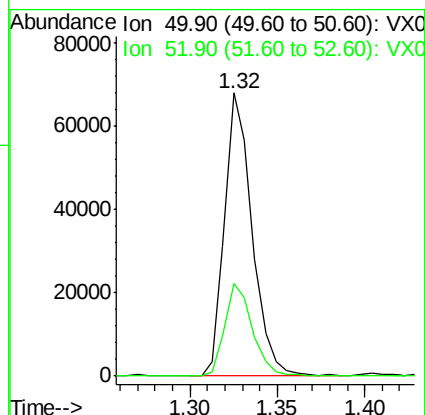
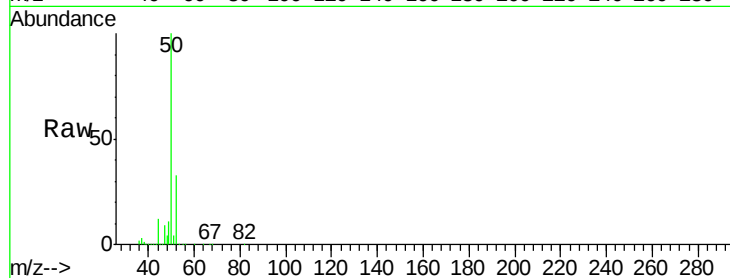
ClientSampleId :

Tot Ion: 50 Resp: 74663

Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0



#4

Vinyl Chloride

Concen: 20.03 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002186.D

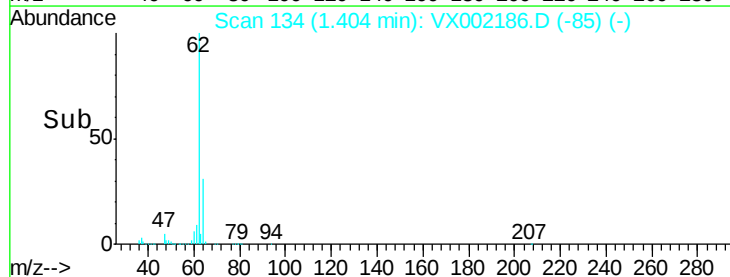
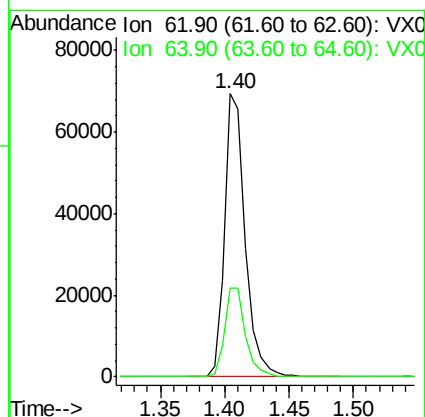
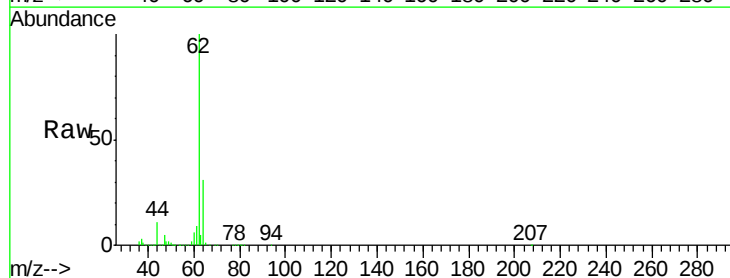
Acq: 31 May 2018 19:57

Tgt Ion: 62 Resp: 78348

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.0





#5

Bromomethane

Concen: 25.15 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

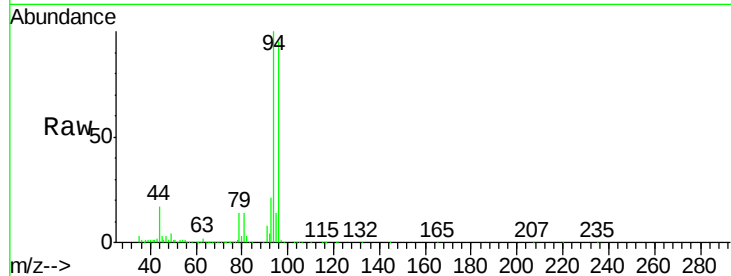
ClientSampleId :

Tot Ion: 94 Resp: 46152

Ion Ratio Lower Upper

94 100

96 94.6 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

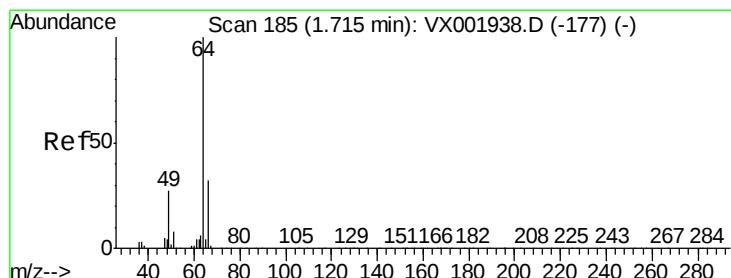
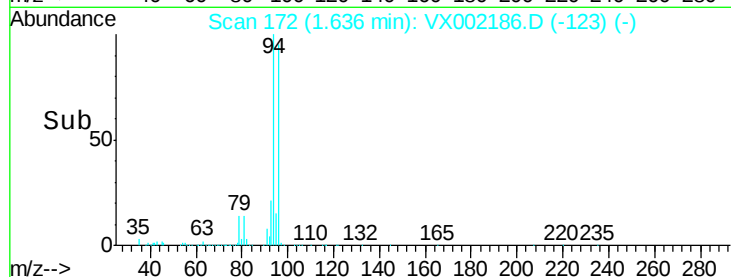
20000

10000

0

Time-->

1.60 1.70 1.80



#6

Chloroethane

Concen: 22.49 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX002186.D

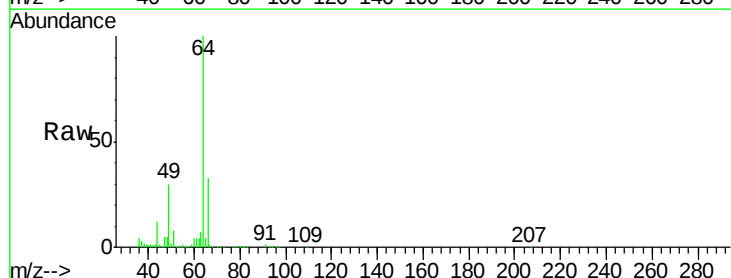
Acq: 31 May 2018 19:57

Tgt Ion: 64 Resp: 51869

Ion Ratio Lower Upper

64 100

66 32.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

40000

30000

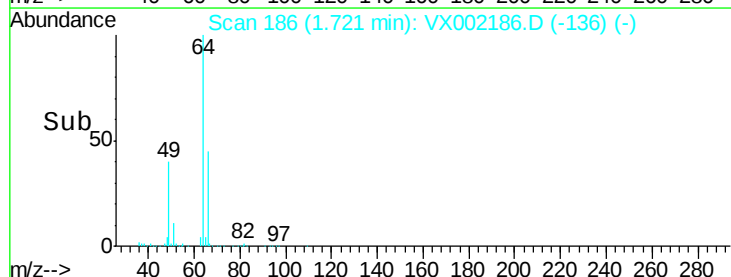
20000

10000

0

Time-->

1.60 1.70 1.80



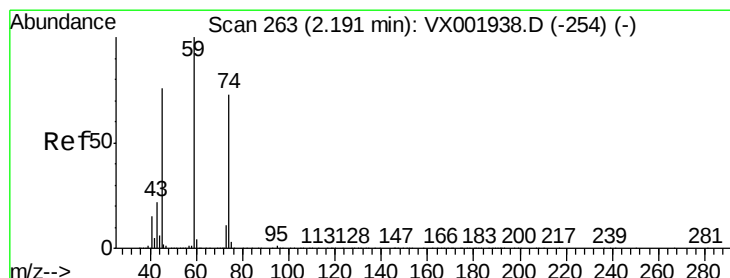
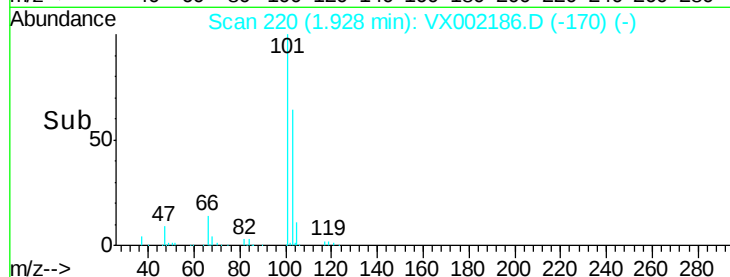
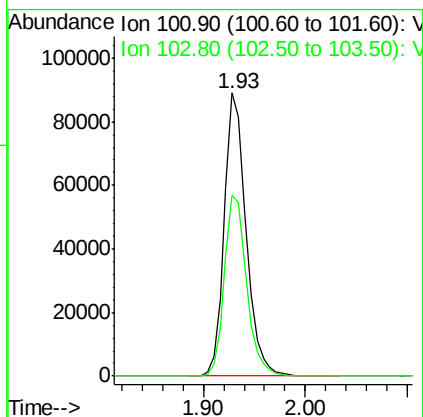
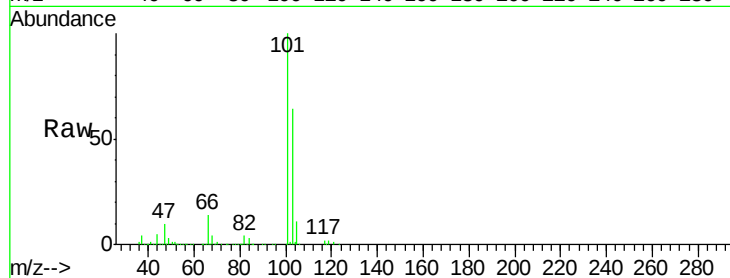


#7

Trichlorofluoromethane
Concen: 22.48 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

Instrument :
MSVOA_X
ClientSampled :

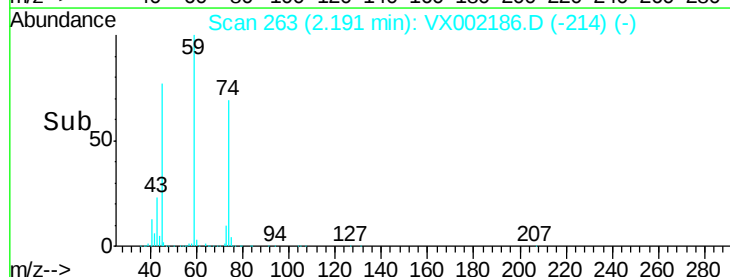
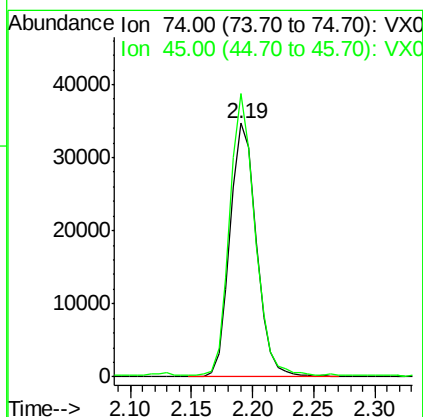
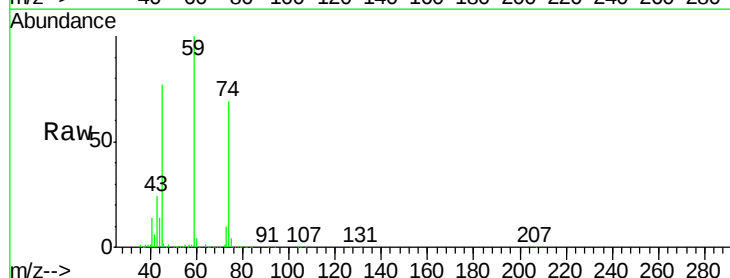
Tot Ion:101 Resp: 132087
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0



#8

Diethyl Ether
Concen: 24.24 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

Tgt Ion: 74 Resp: 51664
Ion Ratio Lower Upper
74 100
45 105.7 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.05 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

ClientSampled :

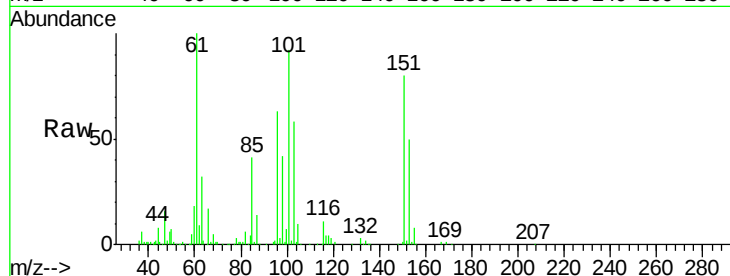
Tot Ion:101 Resp: 75551

Ion Ratio Lower Upper

101 100

85 45.0 35.6 53.4

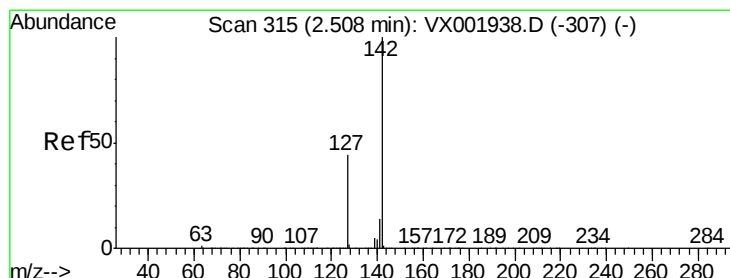
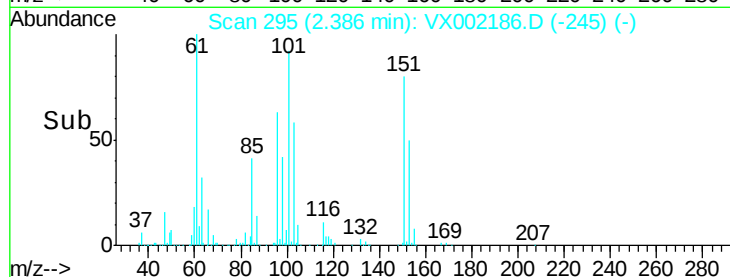
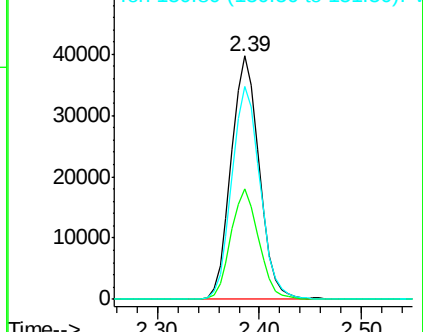
151 88.3 73.2 109.8



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: 18.96 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

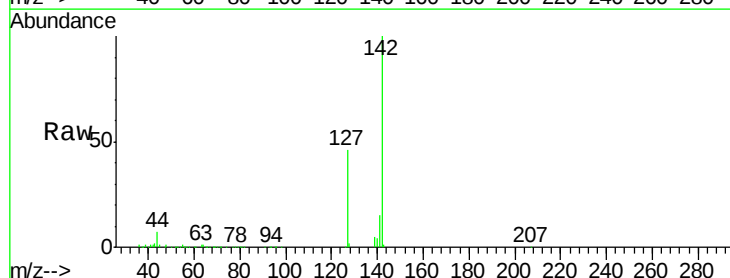
Tgt Ion:142 Resp: 84096

Ion Ratio Lower Upper

142 100

127 46.6 35.5 53.3

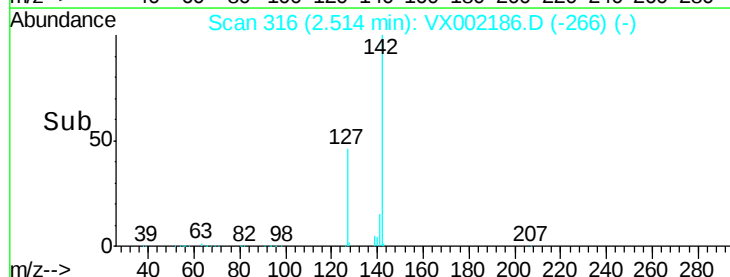
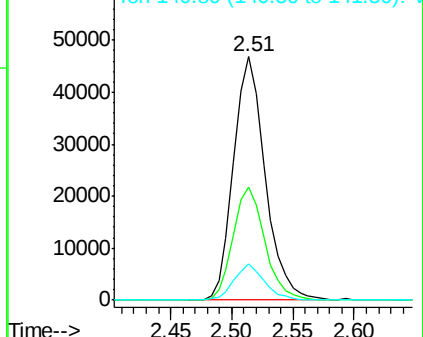
141 14.7 11.3 16.9



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



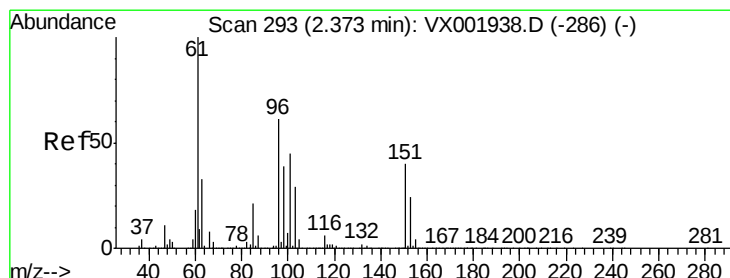
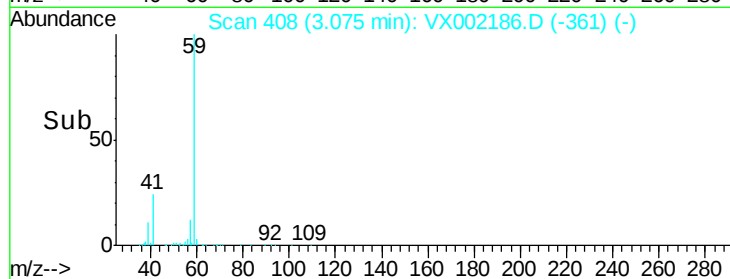
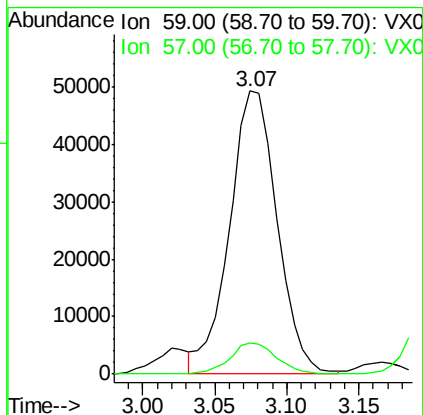
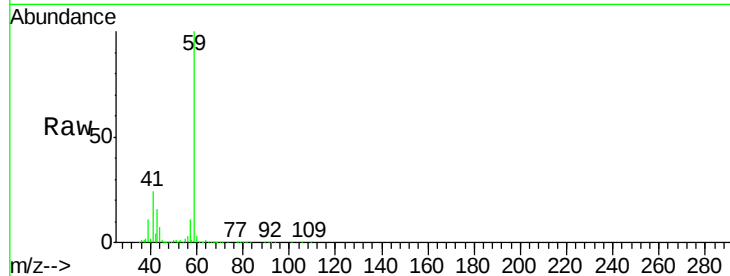


#11

Tert butyl alcohol
 Concen: 122.94 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX002186.D
 Acq: 31 May 2018 19:57

Instrument :
 MSVOA_X
 ClientSampled :

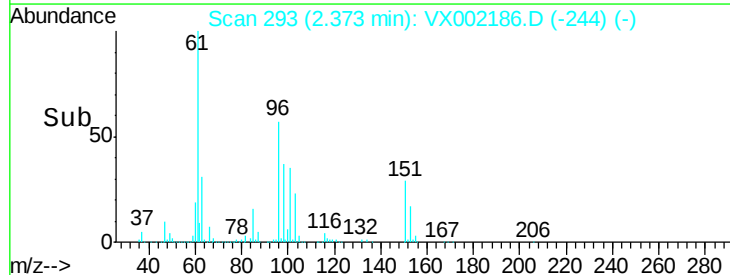
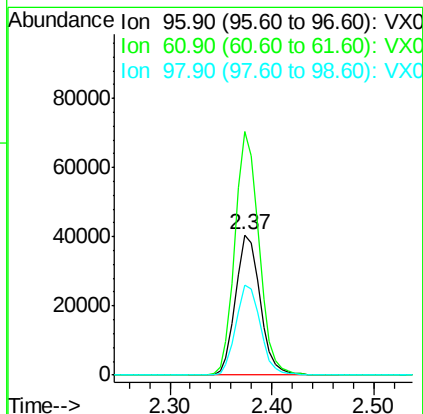
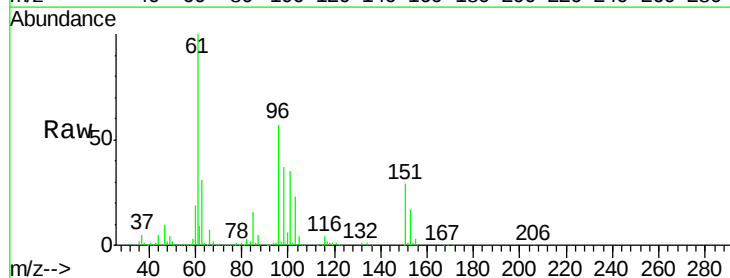
Tot Ion: 59 Resp: 113588
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.9 13.3

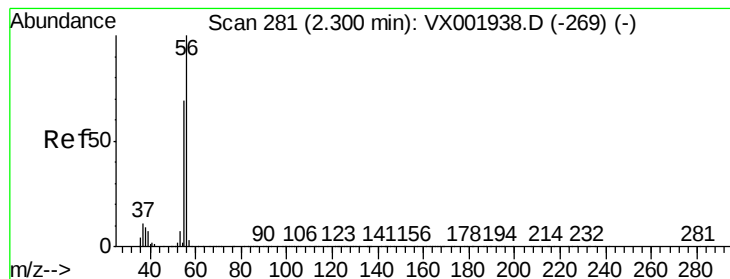


#12

1,1-Dichloroethene
 Concen: 21.93 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002186.D
 Acq: 31 May 2018 19:57

Tgt Ion: 96 Resp: 67298
 Ion Ratio Lower Upper
 96 100
 61 173.8 131.7 197.5
 98 64.4 51.6 77.4





#13

Acrolein

Concen: 74.44 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

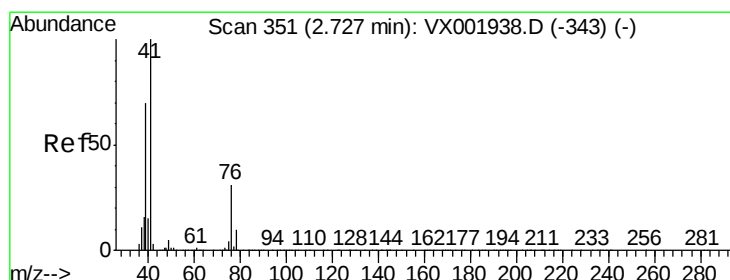
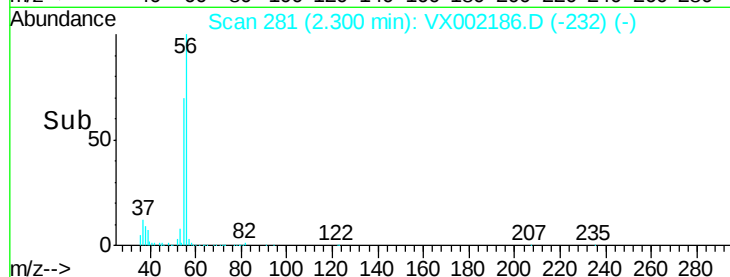
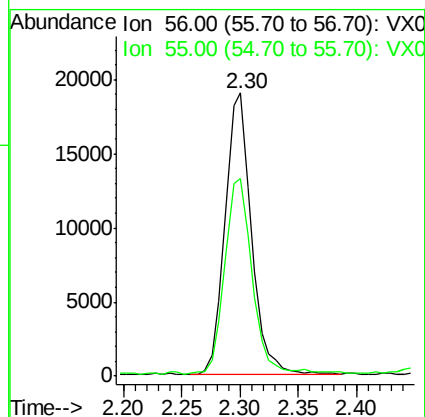
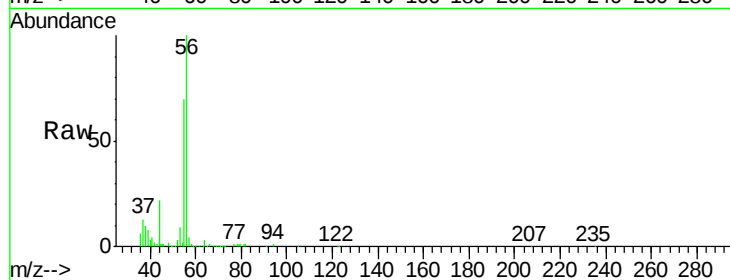
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 29739

Ion Ratio Lower Upper

56 100

55 72.3 56.8 85.2



#14

Allyl chloride

Concen: 22.73 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

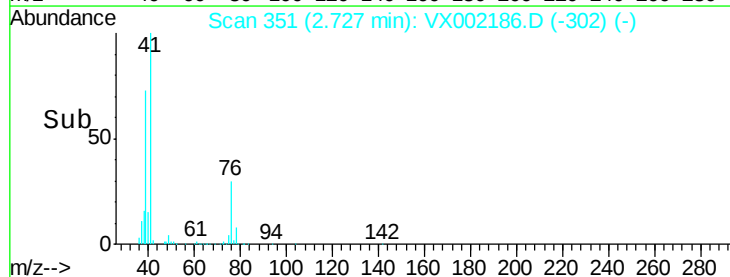
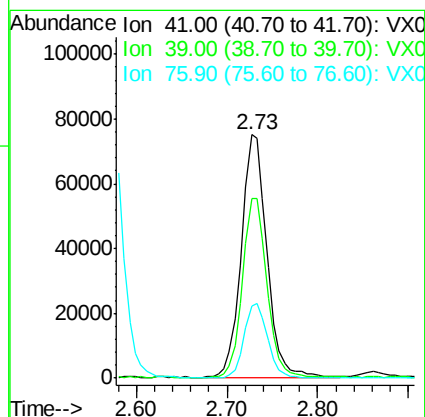
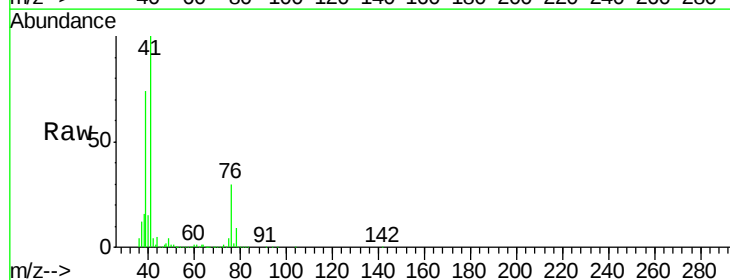
Tgt Ion: 41 Resp: 146474

Ion Ratio Lower Upper

41 100

39 70.5 54.3 81.5

76 28.2 24.2 36.4





#15

Acrylonitrile

Concen: 120.60 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

ClientSampled :

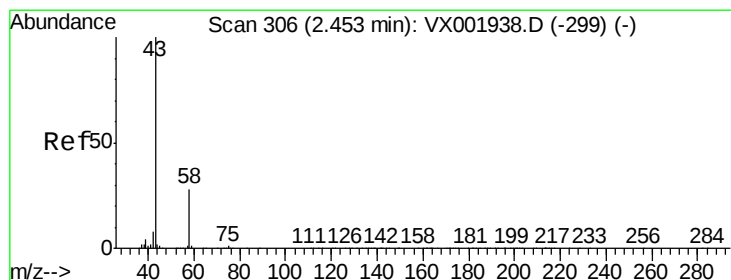
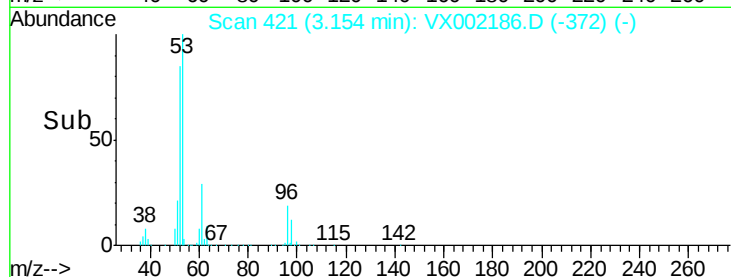
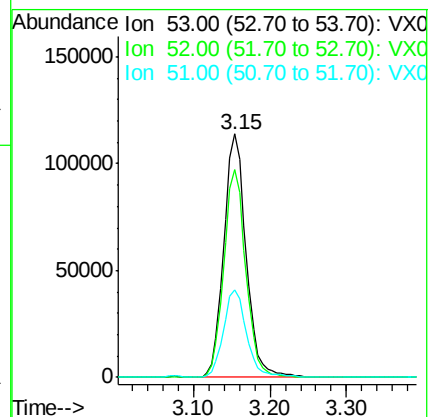
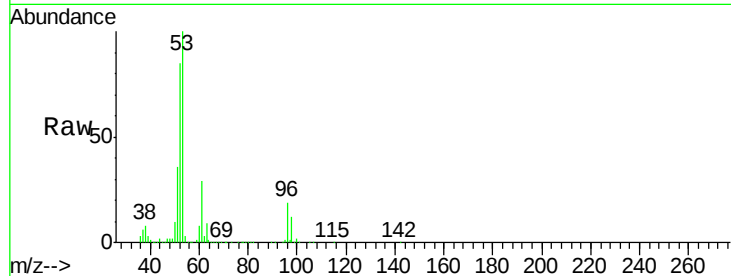
Tot Ion: 53 Resp: 229130

Ion Ratio Lower Upper

53 100

52 84.1 66.4 99.6

51 37.1 29.3 43.9



#16

Acetone

Concen: 136.52 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002186.D

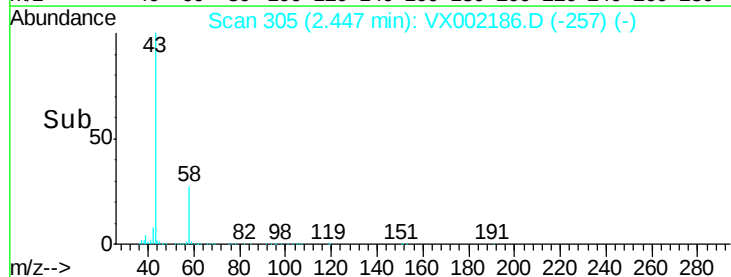
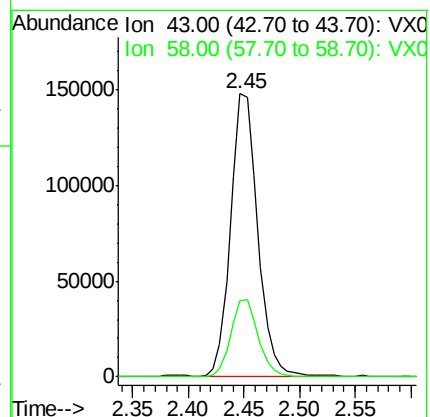
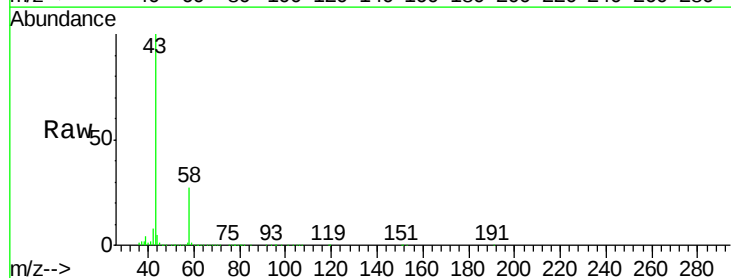
Acq: 31 May 2018 19:57

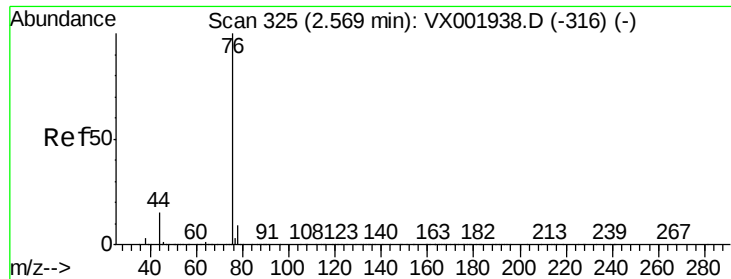
Tgt Ion: 43 Resp: 247990

Ion Ratio Lower Upper

43 100

58 26.8 22.3 33.5





#17

Carbon Disulfide

Concen: 17.69 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

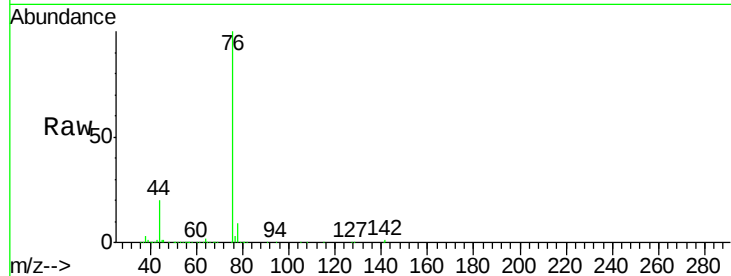
ClientSampled :

Tot Ion: 76 Resp: 156244

Ion Ratio Lower Upper

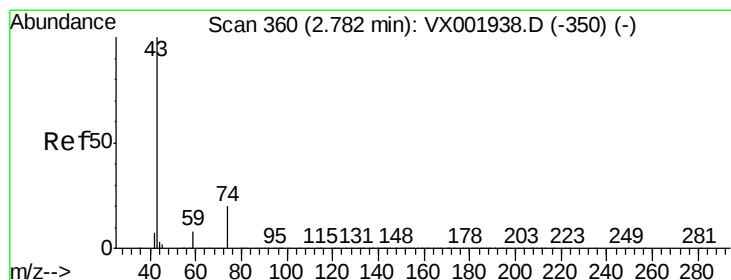
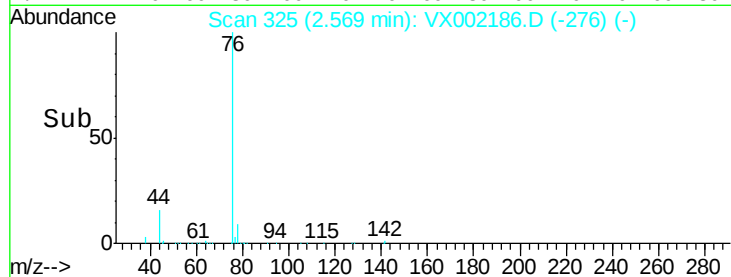
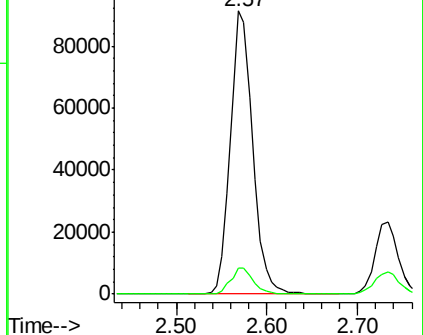
76 100

78 8.9 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: 26.31 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002186.D

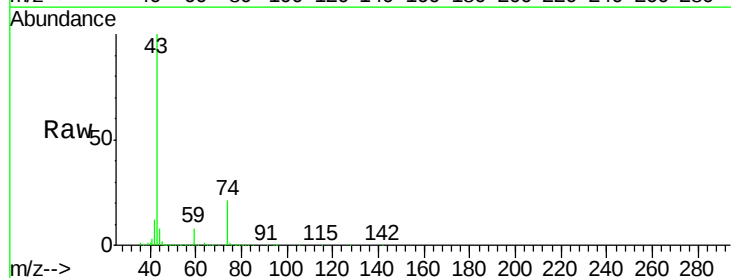
Acq: 31 May 2018 19:57

Tgt Ion: 43 Resp: 117509

Ion Ratio Lower Upper

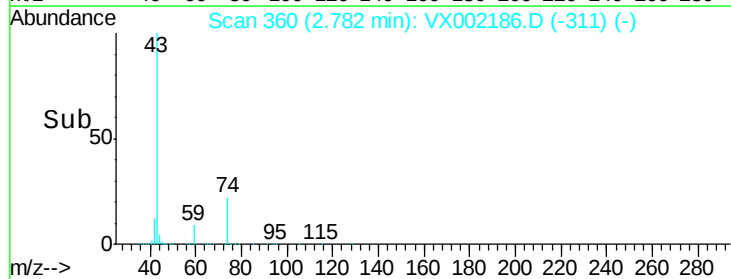
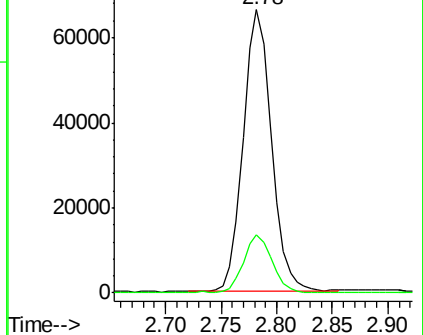
43 100

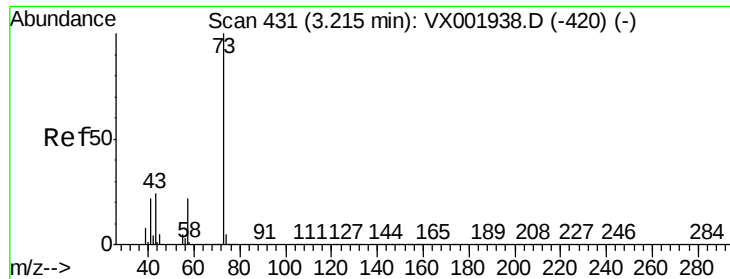
74 20.6 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



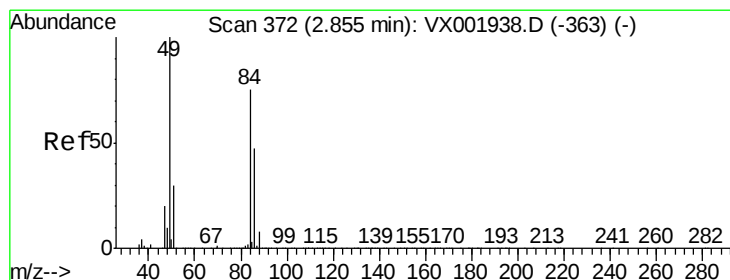
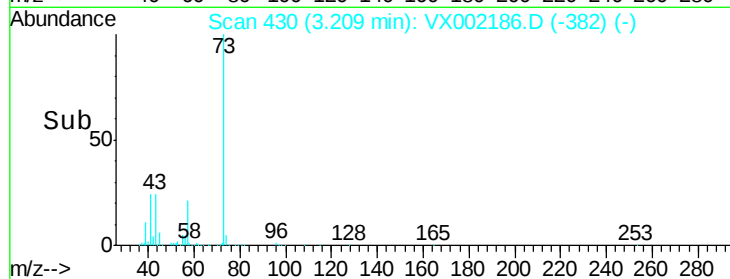
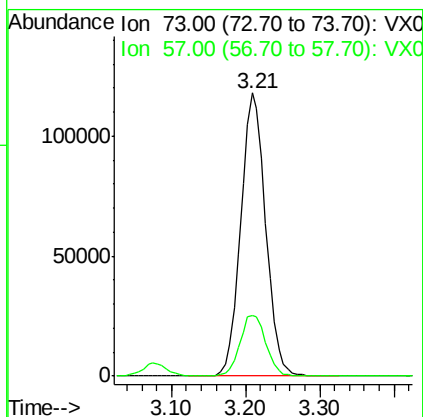
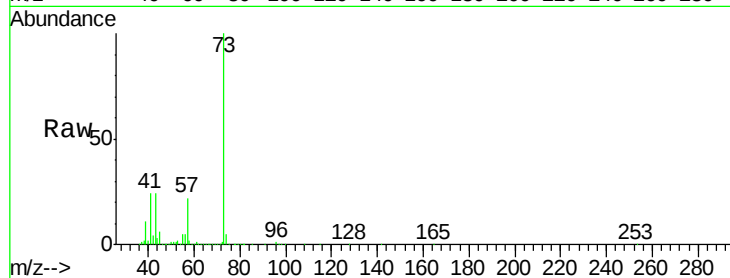


#19

Methyl tert-butyl Ether
 Concen: 23.96 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX002186.D
 Acq: 31 May 2018 19:57

Instrument :
 MSVOA_X
 ClientSampled :

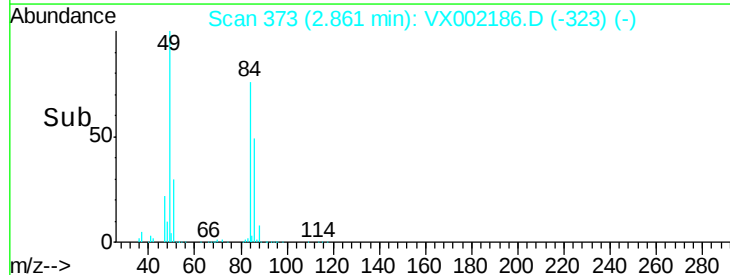
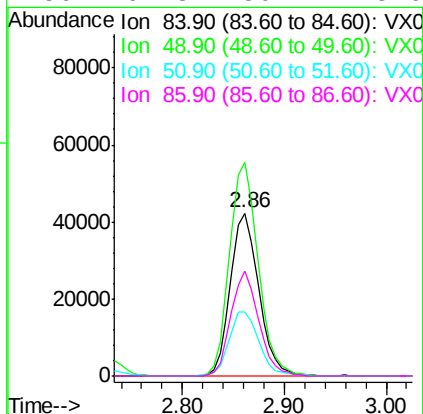
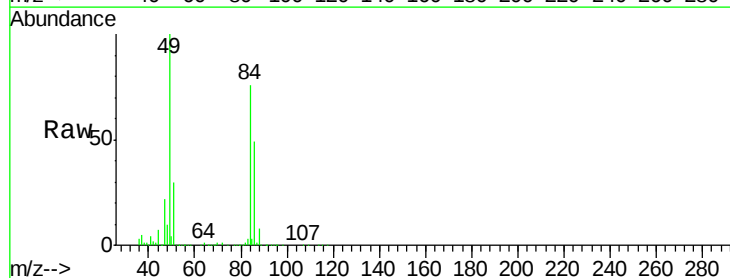
Tot Ion: 73 Resp: 276576
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.4 26.0



#20

Methylene Chloride
 Concen: 25.06 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.01 min
 Lab File: VX002186.D
 Acq: 31 May 2018 19:57

Tgt Ion: 84 Resp: 81434
 Ion Ratio Lower Upper
 84 100
 49 131.2 107.2 160.8
 51 39.0 32.4 48.6
 86 64.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 23.20 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

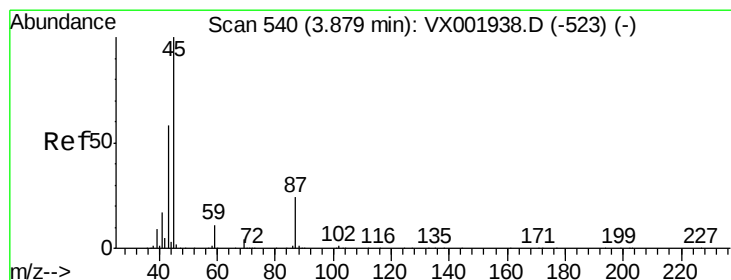
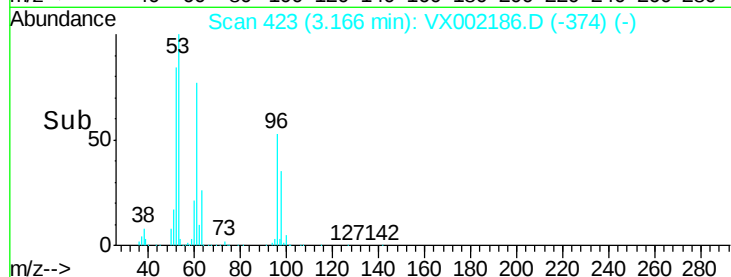
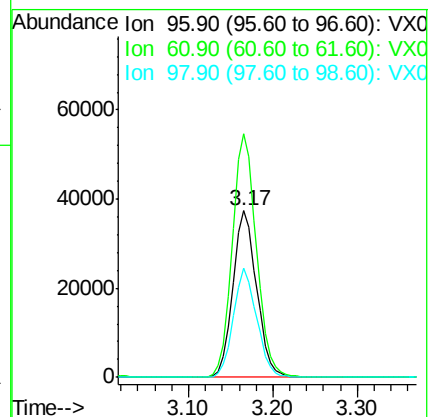
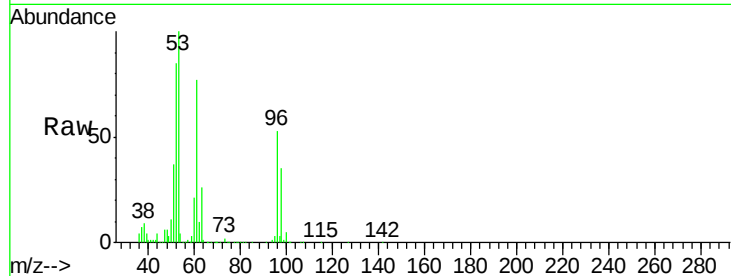
Tot Ion: 96 Resp: 71868

Ion Ratio Lower Upper

96 100

61 145.8 113.3 169.9

98 65.5 51.7 77.5



#22

Diisopropyl ether

Concen: 20.36 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Tgt Ion: 45 Resp: 266827

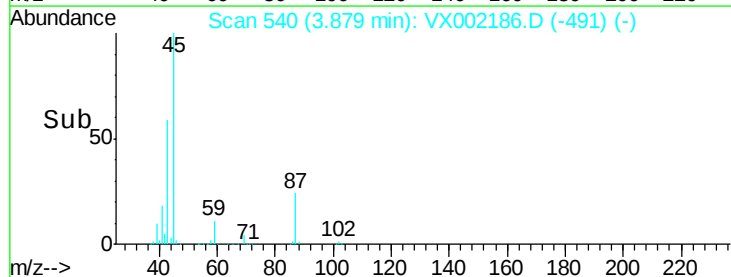
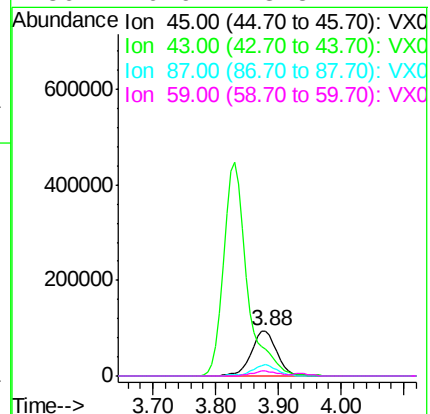
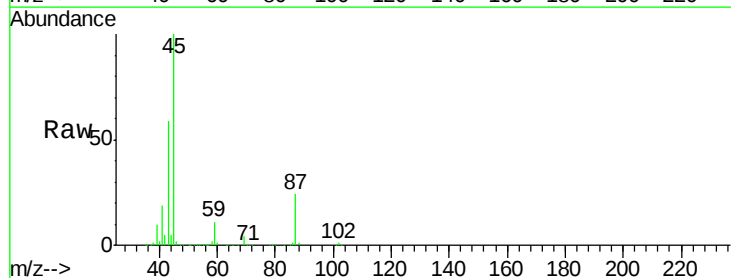
Ion Ratio Lower Upper

45 100

43 59.2 47.0 70.6

87 24.2 19.4 29.0

59 10.9 8.5 12.7





#23

Vinyl Acetate

Concen: 106.82 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

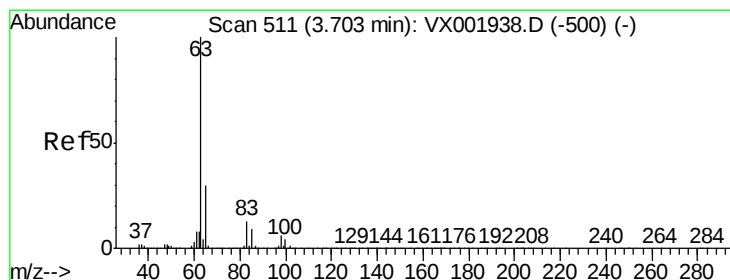
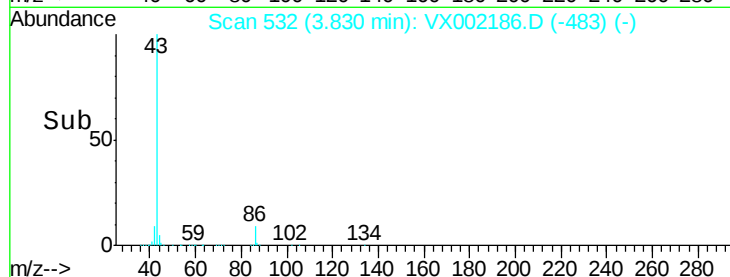
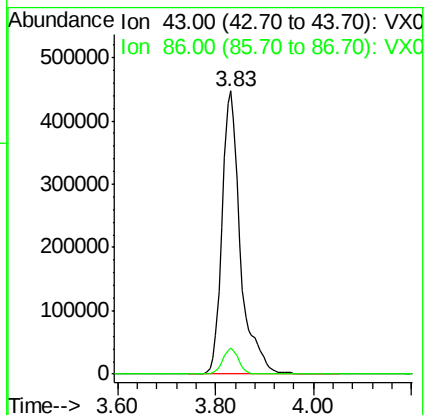
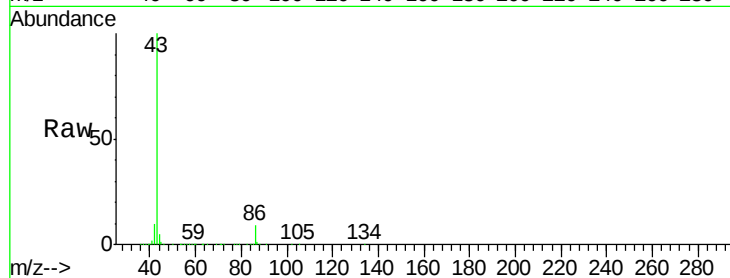
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1160635

Ion Ratio Lower Upper

43 100

86 9.1 7.6 11.4



#24

1,1-Dichloroethane

Concen: 23.58 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

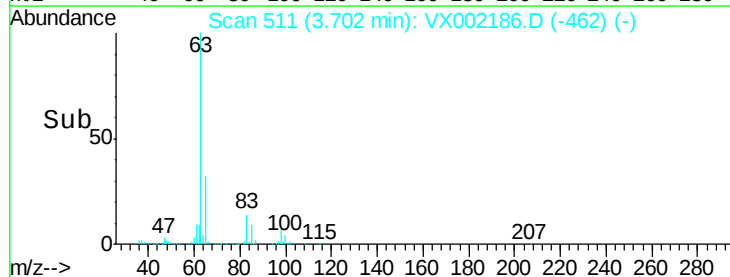
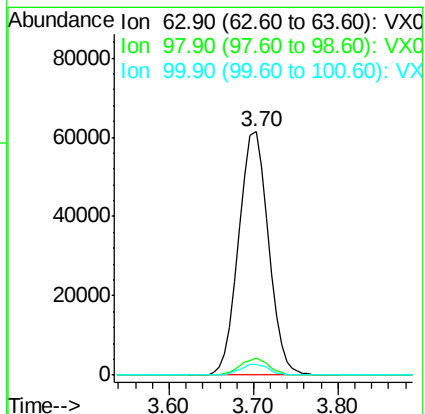
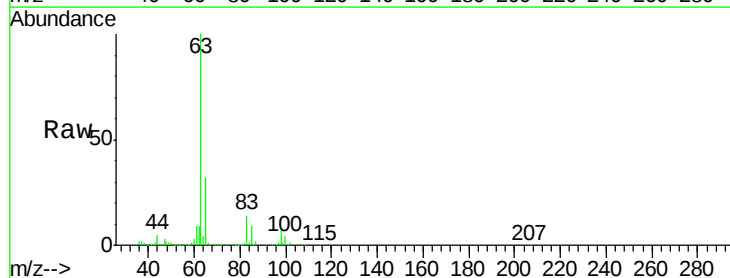
Tgt Ion: 63 Resp: 146819

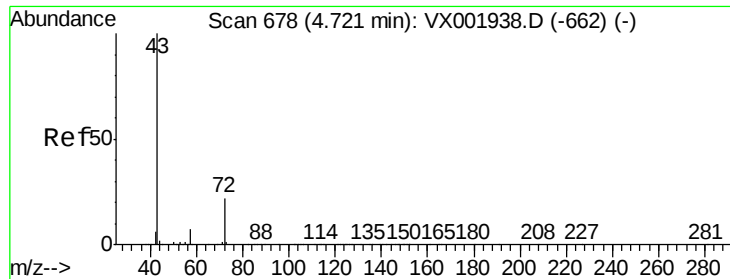
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 99.78 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

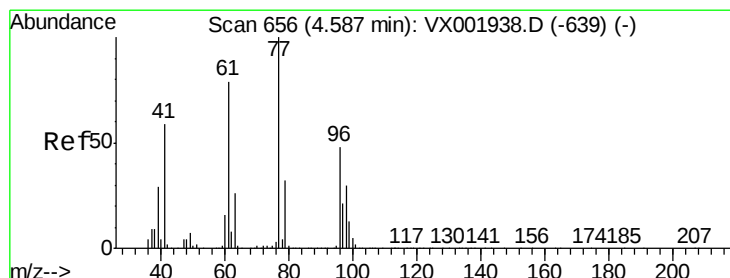
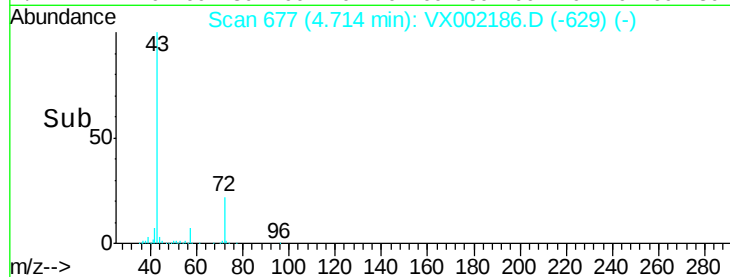
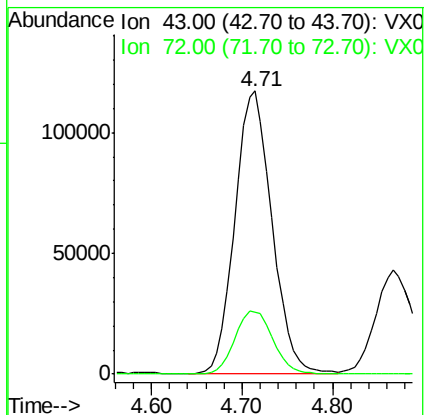
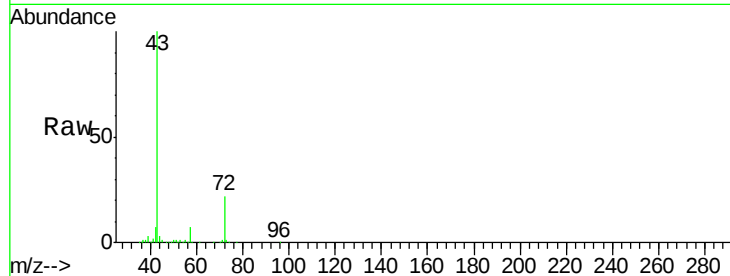
ClientSampled :

Tot Ion: 43 Resp: 332203

Ion Ratio Lower Upper

43 100

72 22.0 17.9 26.9



#26

2,2-Dichloropropane

Concen: 17.44 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002186.D

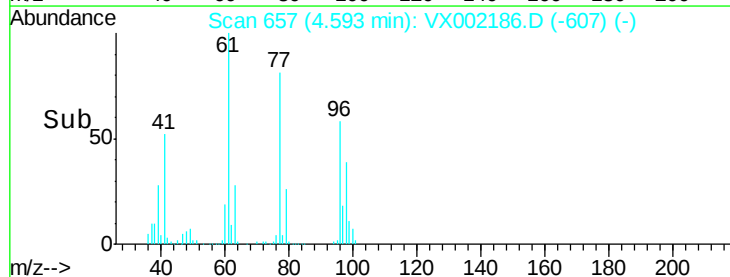
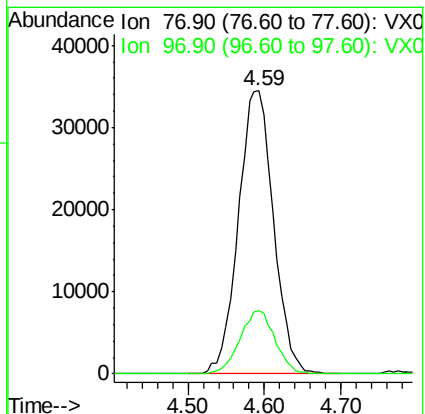
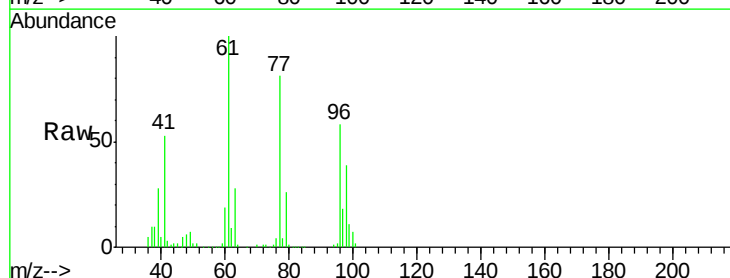
Acq: 31 May 2018 19:57

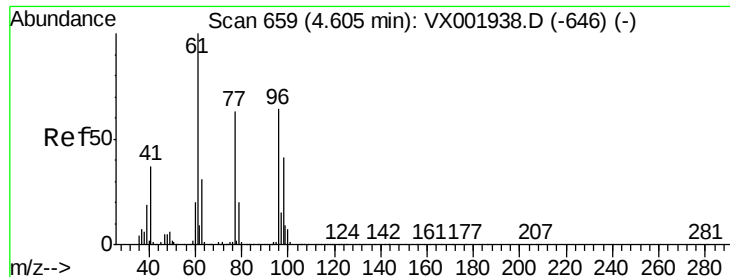
Tgt Ion: 77 Resp: 109889

Ion Ratio Lower Upper

77 100

97 22.2 11.2 33.5



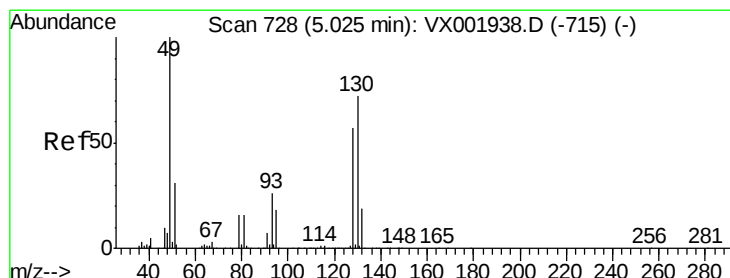
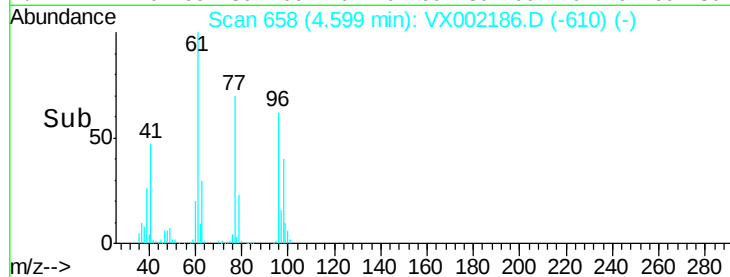
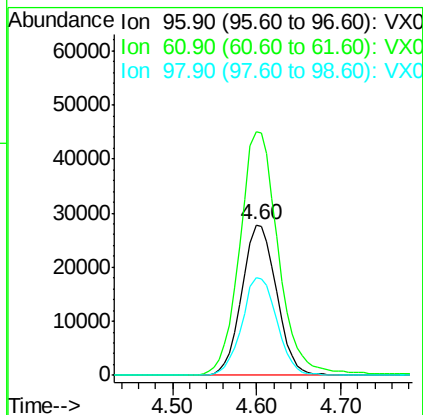
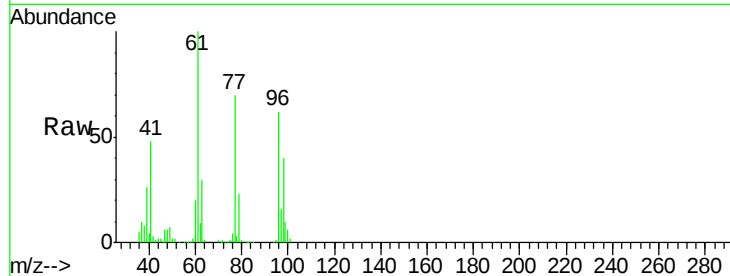


#27

cis-1,2-Dichloroethene
Concen: 19.37 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :

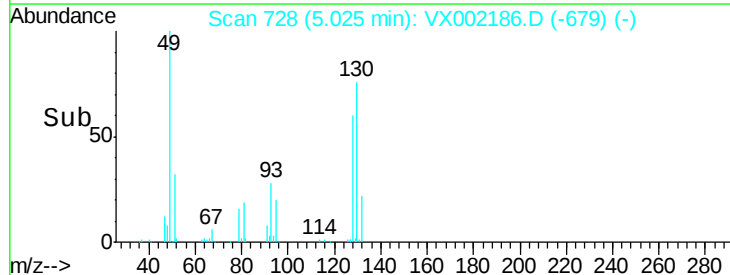
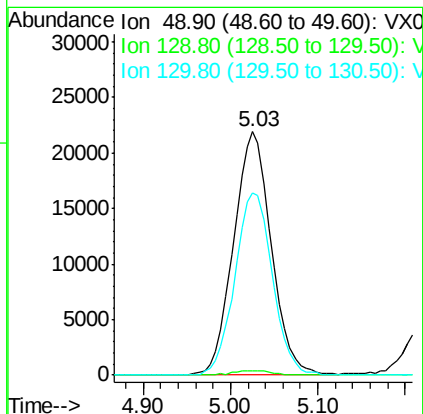
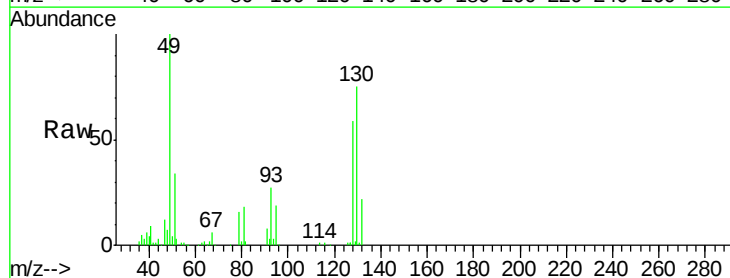
Tot Ion	Ratio	Lower	Upper
96	100		
61	180.3	0.0	348.4
98	65.6	0.0	128.6

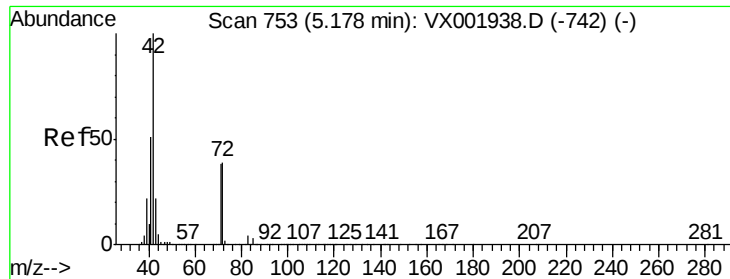


#28

Bromochloromethane
Concen: 24.00 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	74.6	59.4	89.2





#29

Tetrahydrofuran

Concen: 96.94 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

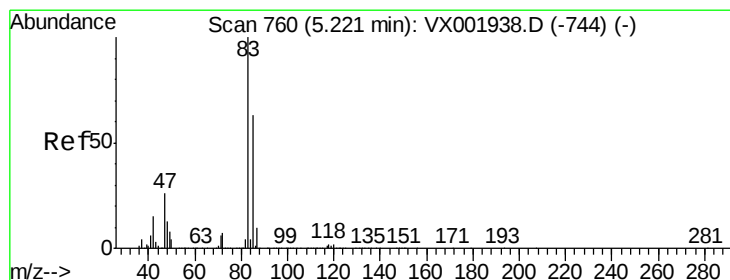
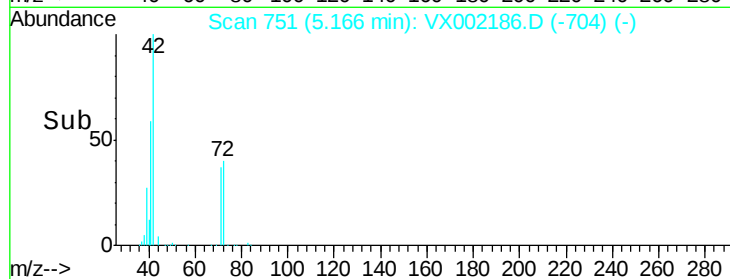
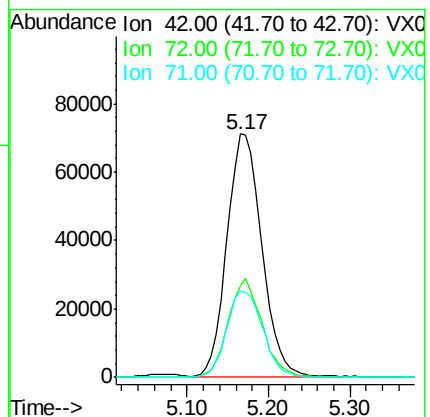
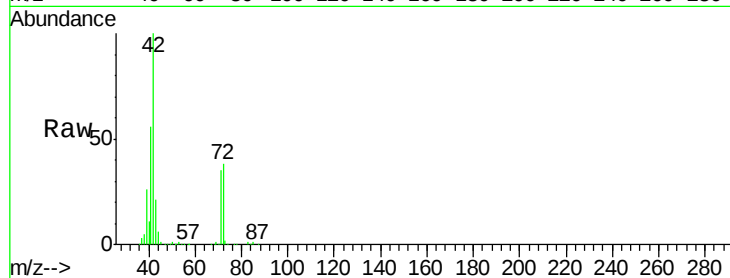
Tot Ion: 42 Resp: 209989

Ion Ratio Lower Upper

42 100

72 39.8 31.4 47.0

71 36.7 29.5 44.3



#30

Chloroform

Concen: 19.64 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002186.D

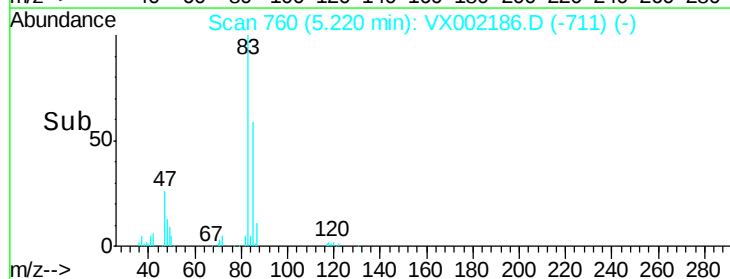
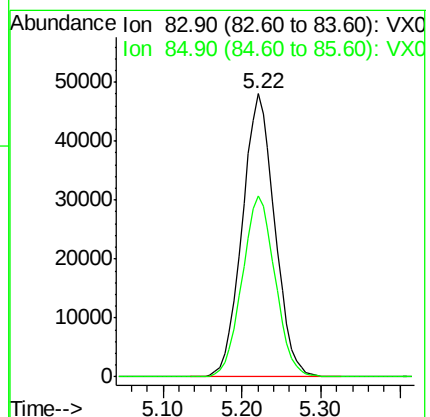
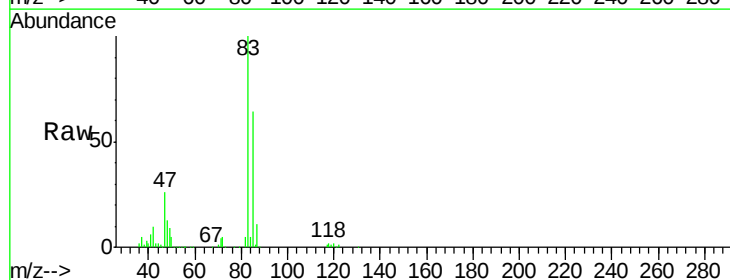
Acq: 31 May 2018 19:57

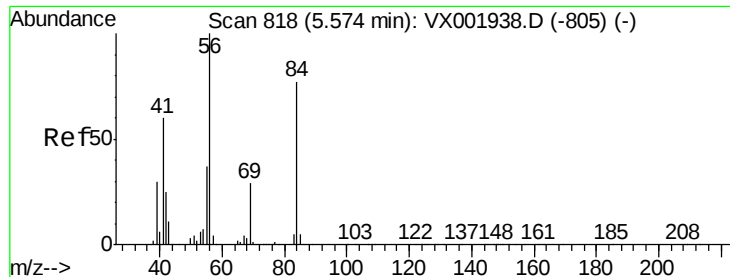
Tgt Ion: 83 Resp: 137725

Ion Ratio Lower Upper

83 100

85 64.1 50.9 76.3

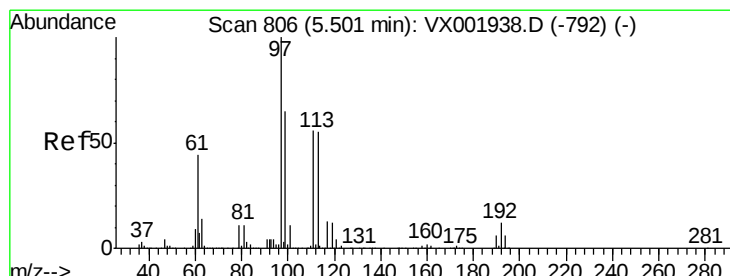
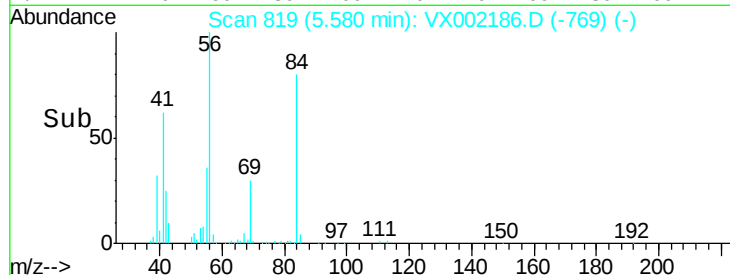
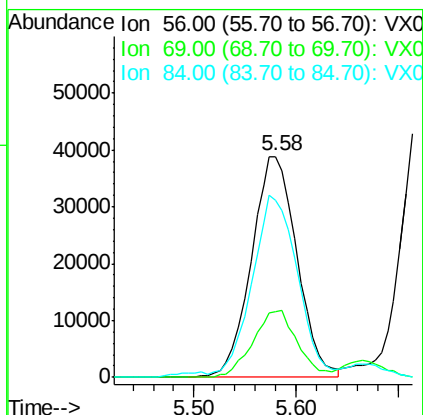
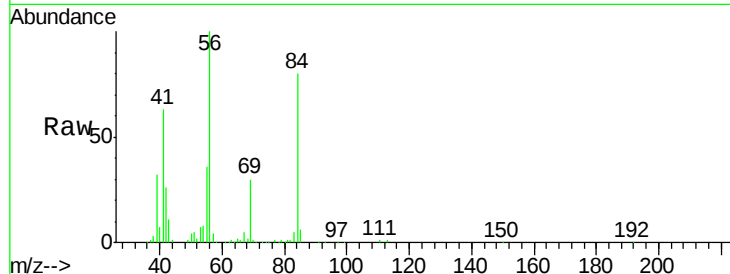




#31
Cyclohexane
Concen: 18.47 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

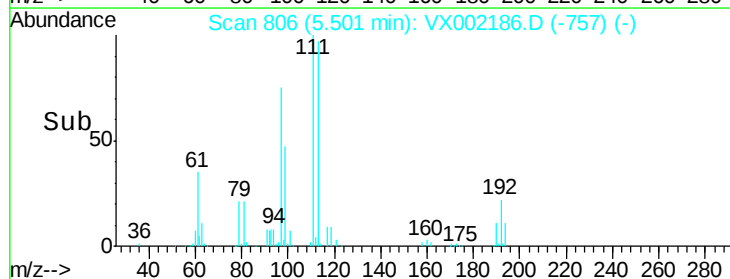
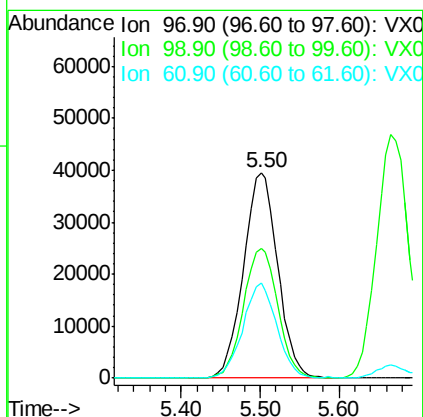
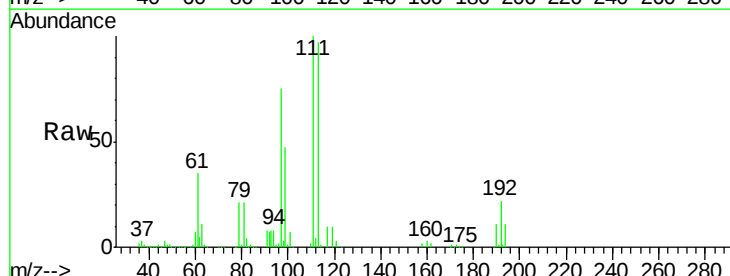
Instrument :
MSVOA_X
ClientSampled :

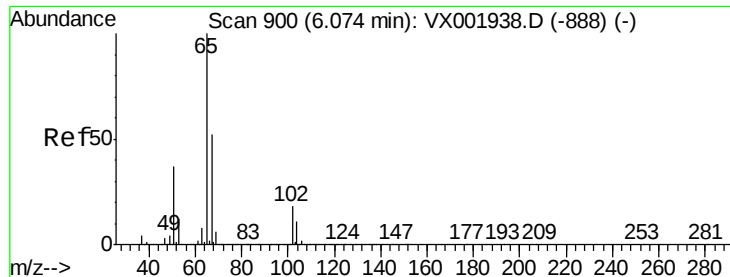
Tot Ion: 56 Resp: 119773
Ion Ratio Lower Upper
56 100
69 29.8 23.1 34.7
84 78.7 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 18.23 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

Tgt Ion: 97 Resp: 119201
Ion Ratio Lower Upper
97 100
99 63.8 51.9 77.9
61 46.0 35.9 53.9

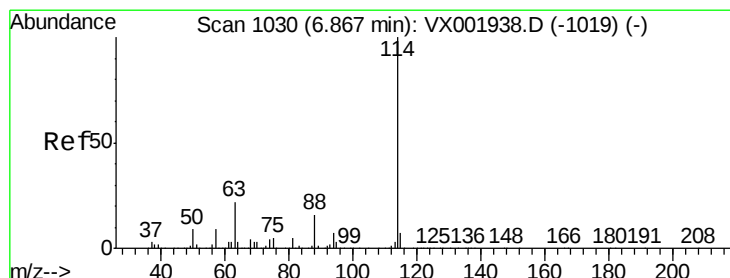
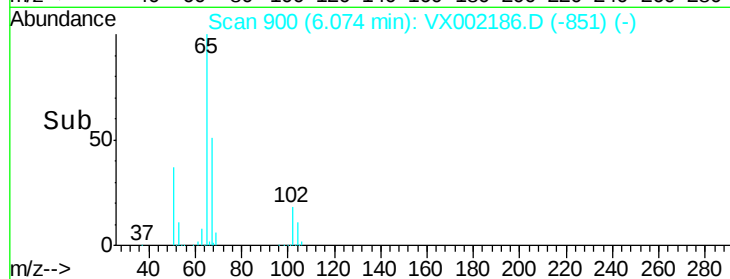
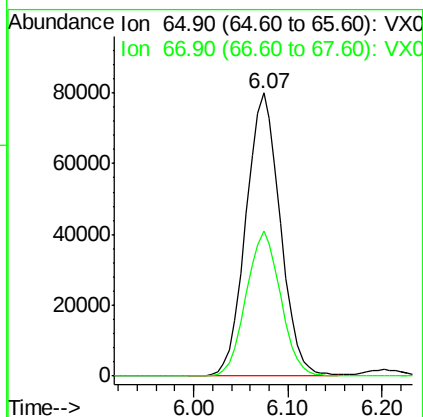
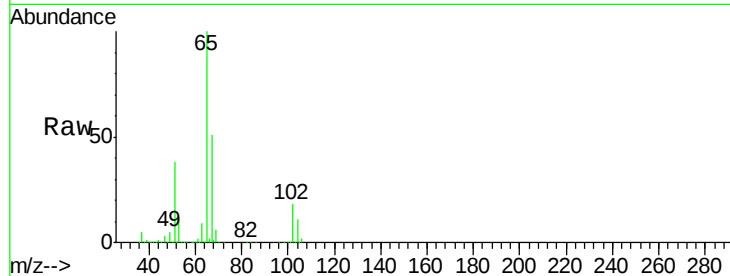




#33
 1,2-Dichloroethane-d4
 Concen: 43.44 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002186.D
 Acq: 31 May 2018 19:57

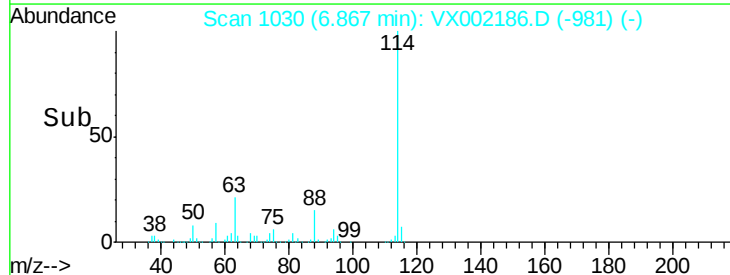
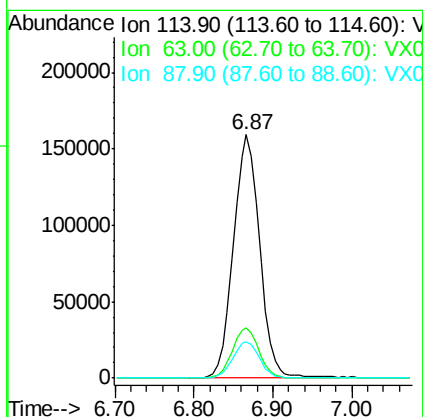
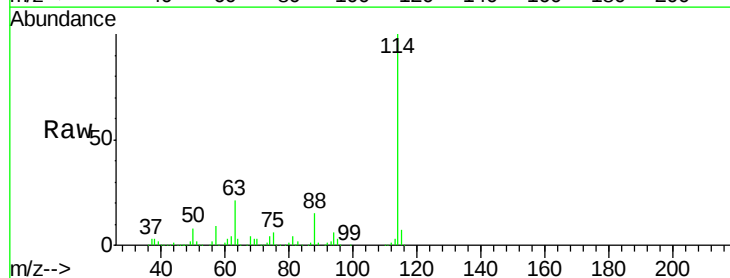
Instrument :
 MSVOA_X
 ClientSampleId :

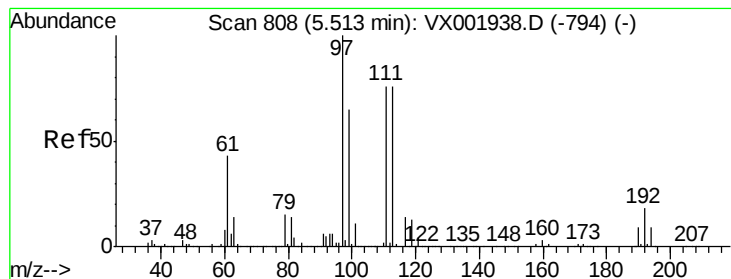
Tot Ion: 65 Resp: 204451
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002186.D
 Acq: 31 May 2018 19:57

Tgt Ion: 114 Resp: 370304
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.2
 88 15.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 42.57 ug/l

RT: 5.51 min Scan# 807

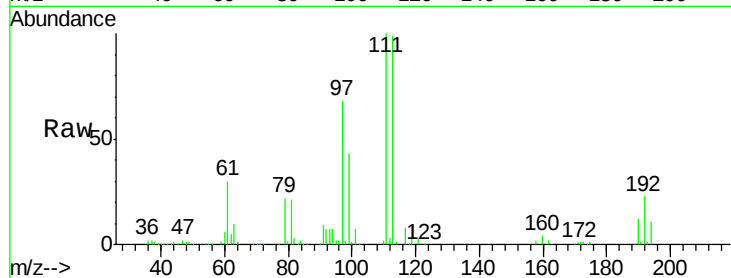
Delta R.T. -0.01 min

Lab File: VX002186.D

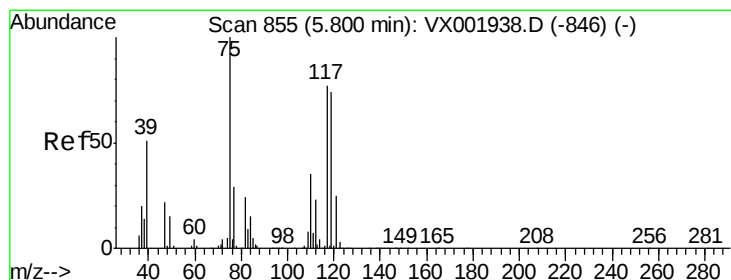
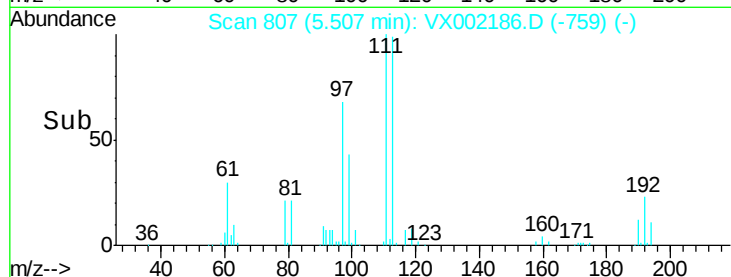
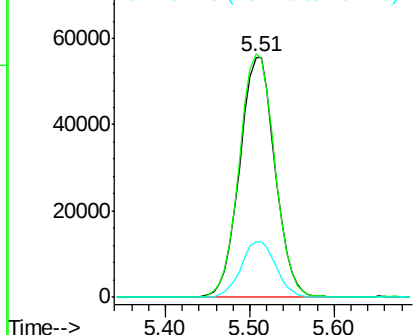
Acq: 31 May 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	157646
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	23.1	18.9	28.3



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



#36

1,1-Dichloropropene

Concen: 19.00 ug/l

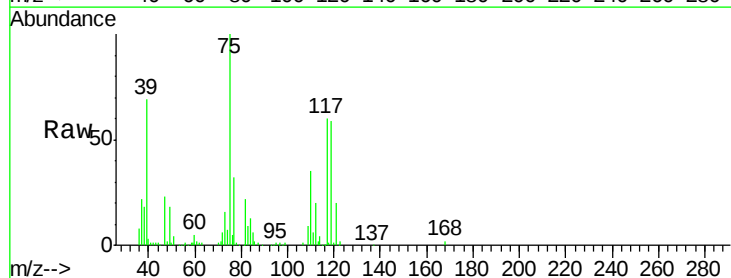
RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

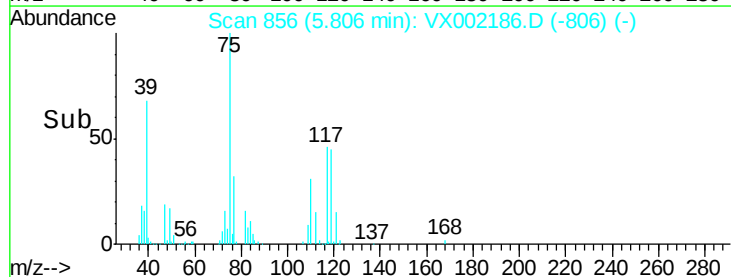
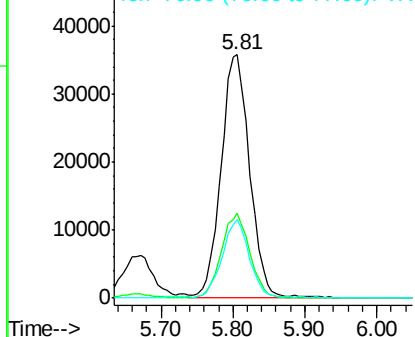
Lab File: VX002186.D

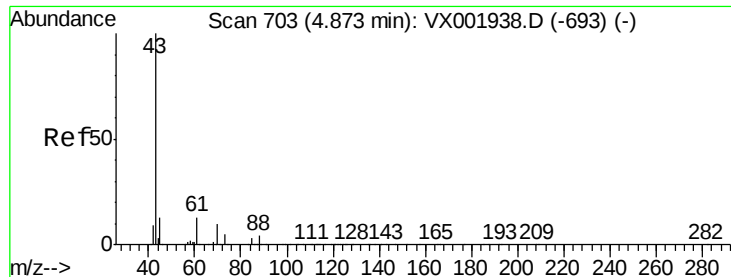
Acq: 31 May 2018 19:57

Tgt Ion:	75	Resp:	97870
Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.4	52.2
77	31.0	24.4	36.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

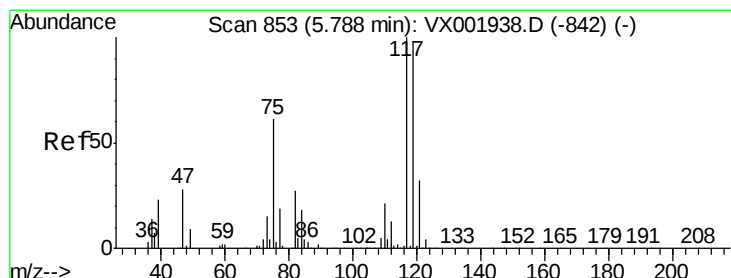
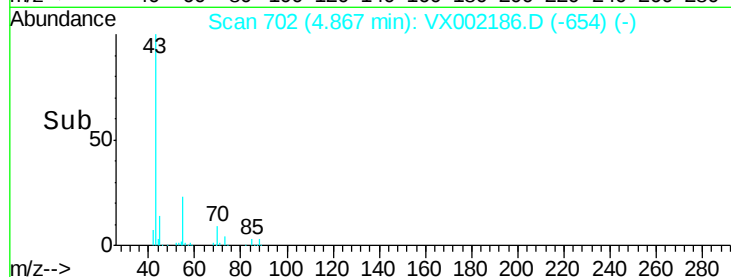
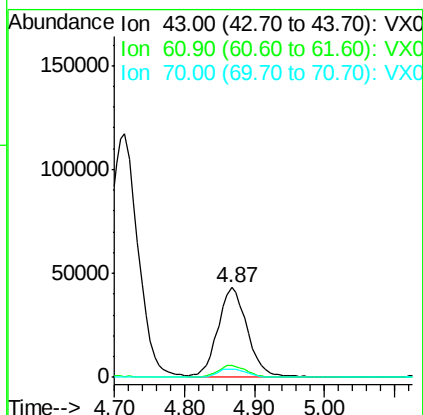
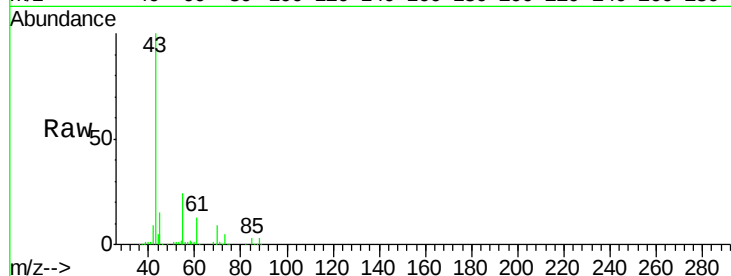




#37
Ethyl Acetate
Concen: 18.68 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

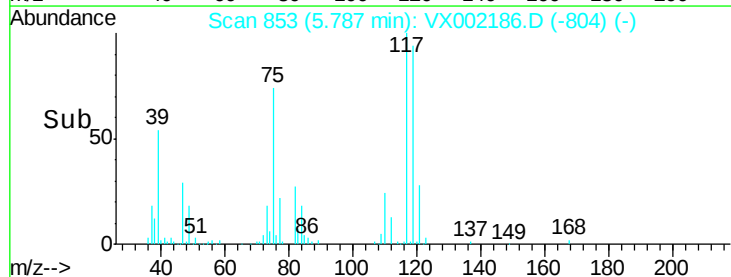
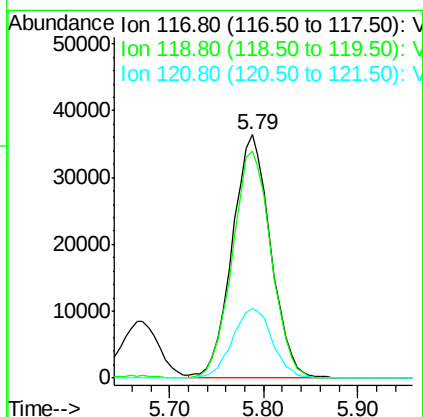
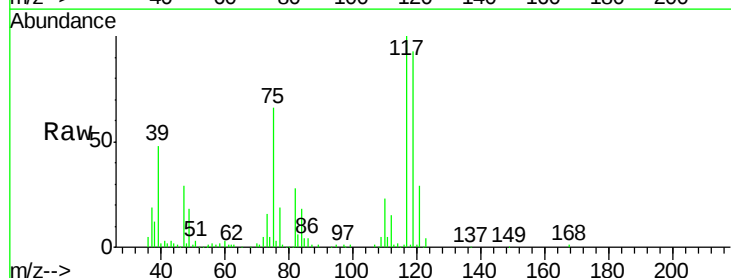
Instrument :
MSVOA_X
ClientSampled :

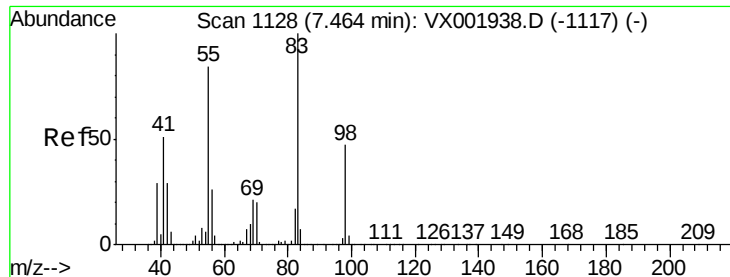
Tot Ion	43	Resp	125451
Ion Ratio	Lower	Upper	
43	100		
61	12.6	10.2	15.2
70	9.4	7.8	11.8



#38
Carbon Tetrachloride
Concen: 17.23 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

Tgt Ion	117	Resp	103511
Ion Ratio	Lower	Upper	
117	100		
119	93.3	78.5	117.7
121	28.6	25.5	38.3

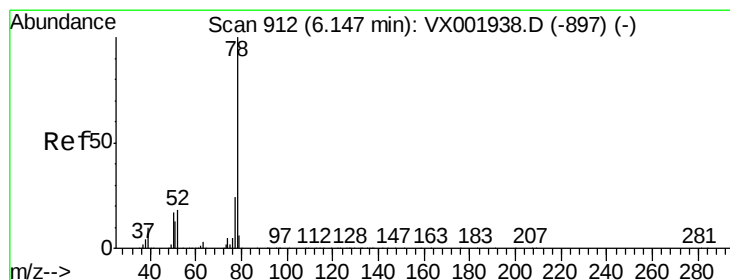
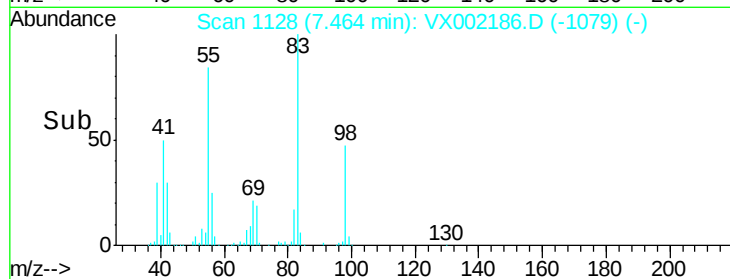
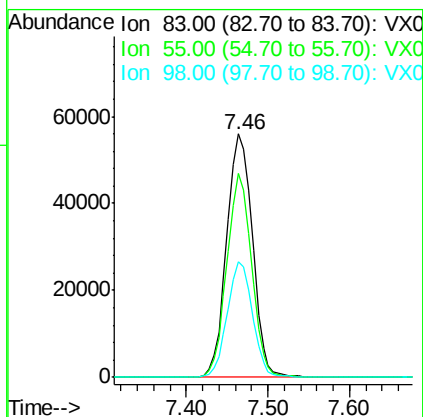
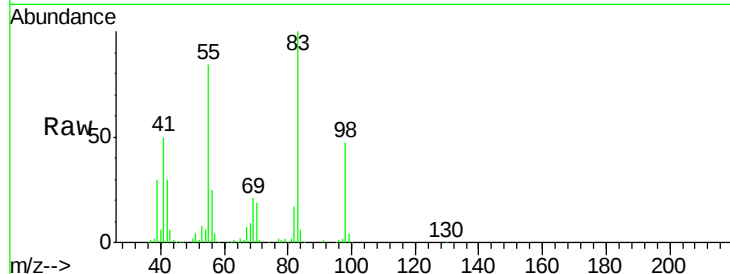




#39
Methvlcvclohexane
Concen: 19.35 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

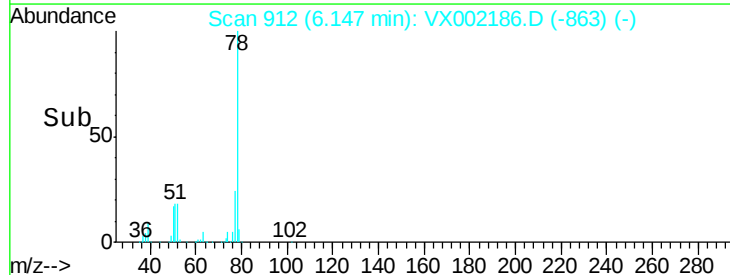
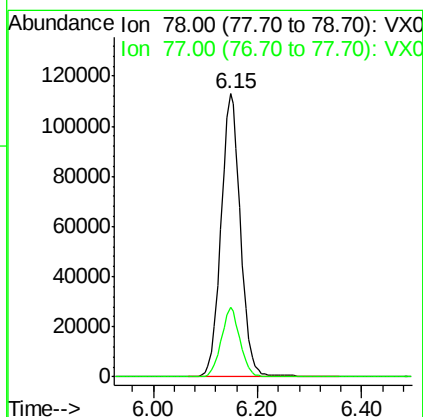
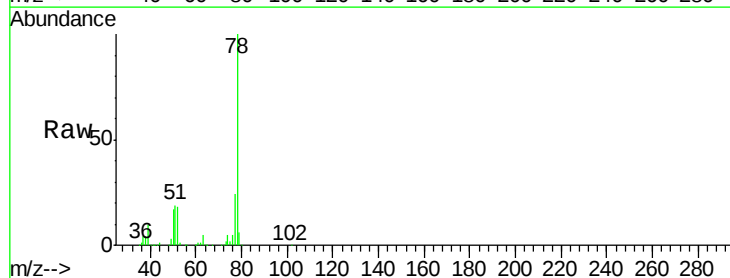
Instrument :
MSVOA_X
ClientSampleId :

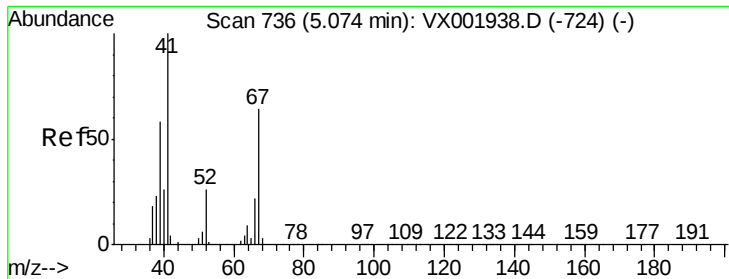
Tot Ion	83.00	Resp:	122462
Ion	Ratio	Lower	Upper
83	100		
55	83.8	67.3	100.9
98	47.3	37.5	56.3



#40
Benzene
Concen: 19.71 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

Tgt Ion	78	Resp:	297381
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.1	28.7

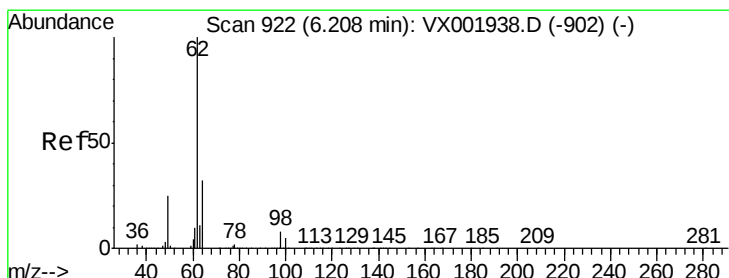
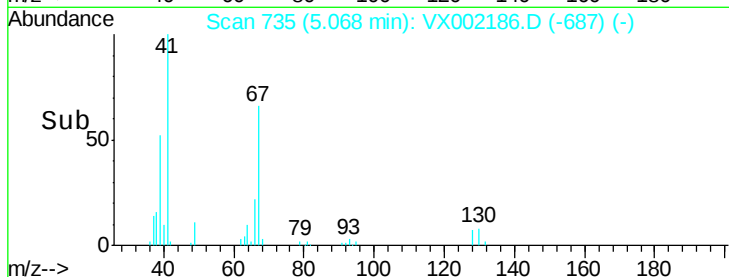
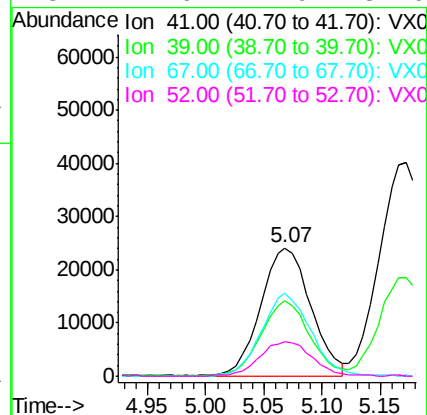
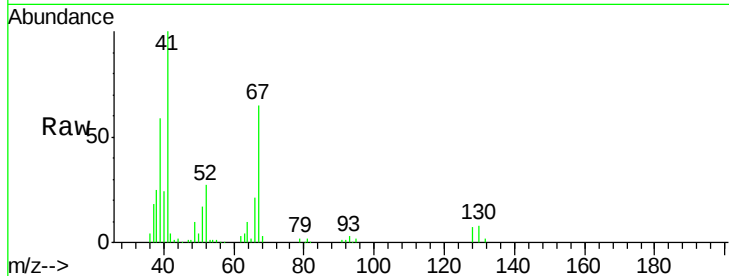




#41
Methacrylonitrile
Concen: 19.26 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

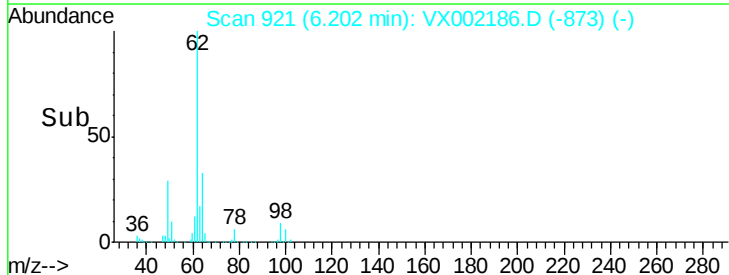
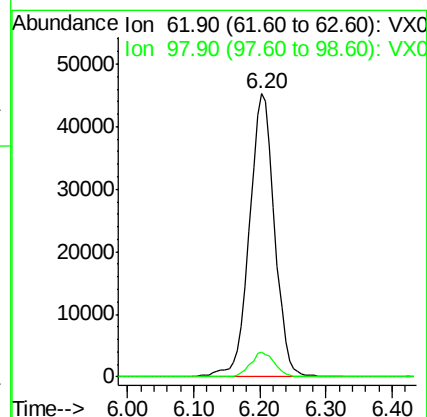
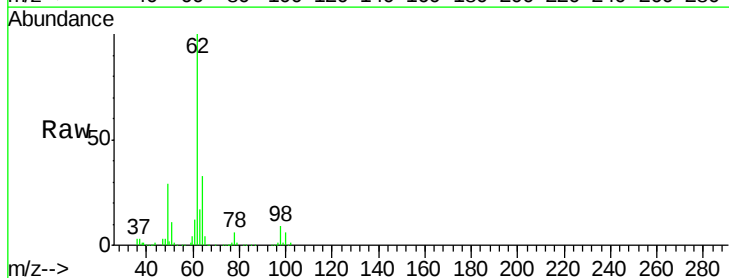
Instrument :
MSVOA_X
ClientSampled :

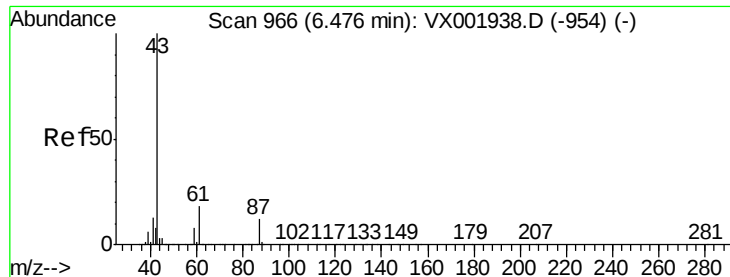
Tot Ion:	41	Resp:	71217
Ion	Ratio	Lower	Upper
41	100		
39	57.8	46.0	69.0
67	64.5	50.6	75.8
52	27.6	21.9	32.9



#42
1,2-Dichloroethane
Concen: 19.91 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

Tgt Ion:	62	Resp:	119986
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0



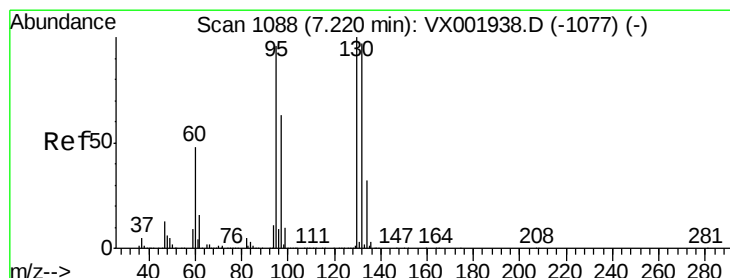
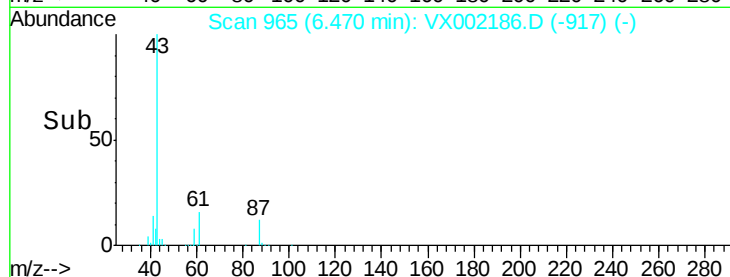
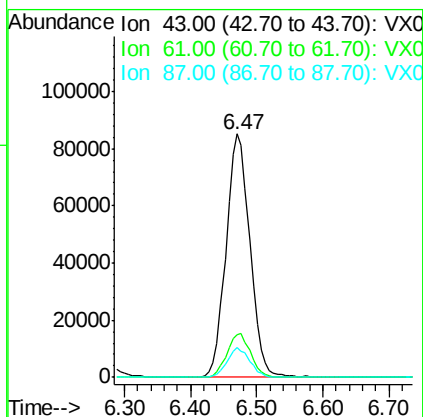
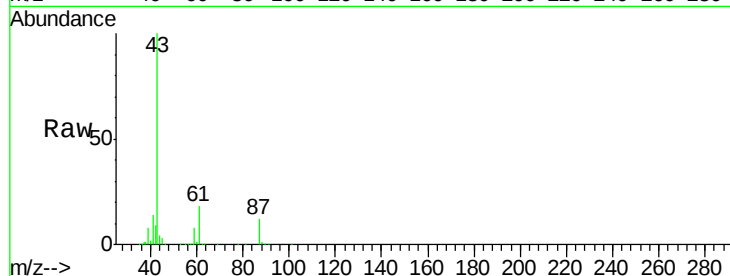


#43

Isopropyl Acetate
 Concen: 18.96 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX002186.D
 Acq: 31 May 2018 19:57

Instrument :
 MSVOA_X
 ClientSampled :

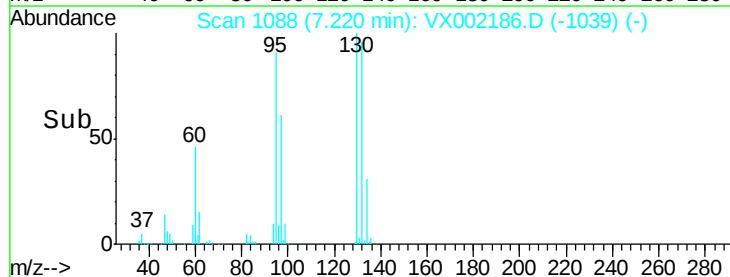
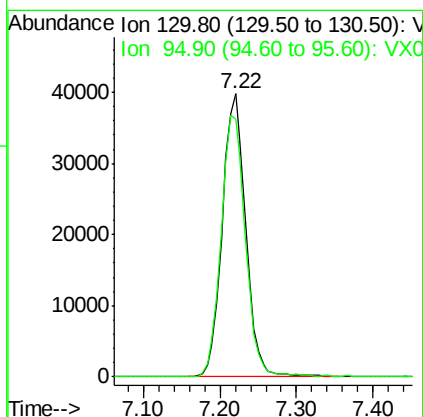
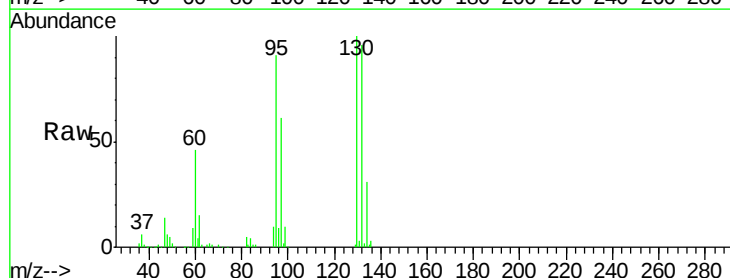
Tot Ion	43	Resp	212156
Ion Ratio	Lower	Upper	
43	100		
61	17.9	14.5	21.7
87	11.7	9.5	14.3

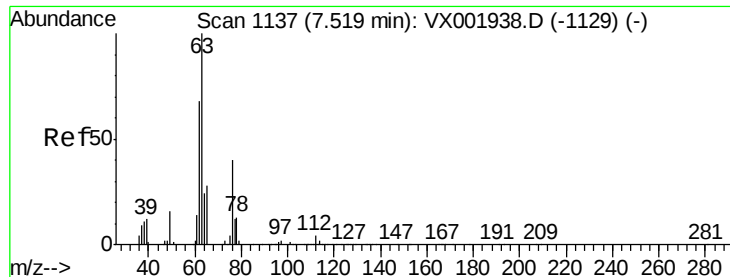


#44

Trichloroethene
 Concen: 19.18 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002186.D
 Acq: 31 May 2018 19:57

Tgt Ion	130	Resp	84350
Ion Ratio	Lower	Upper	
130	100		
95	91.3	0.0	192.0





#45

1,2-Dichloropropane

Concen: 19.89 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

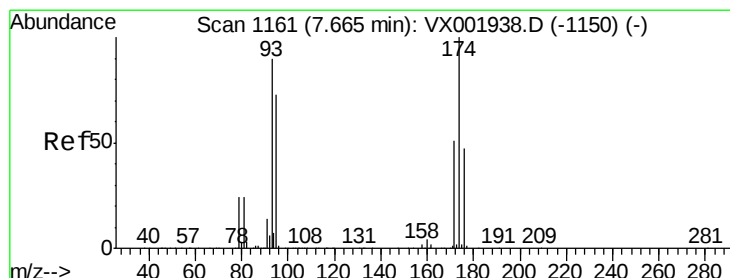
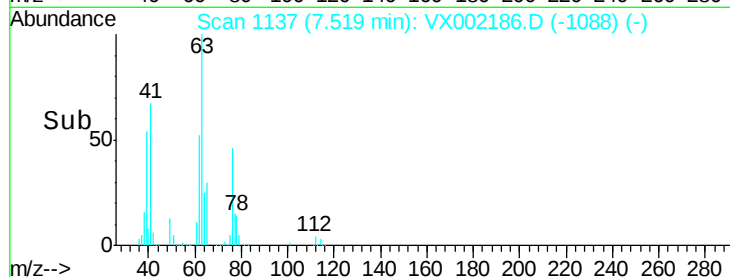
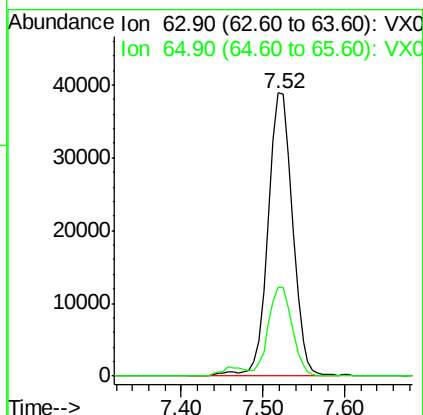
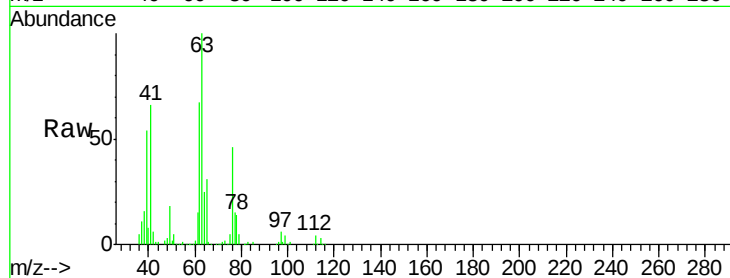
ClientSampleId :

Tot Ion: 63 Resp: 81519

Ion Ratio Lower Upper

63 100

65 31.1 24.1 36.1



#46

Dibromomethane

Concen: 19.74 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

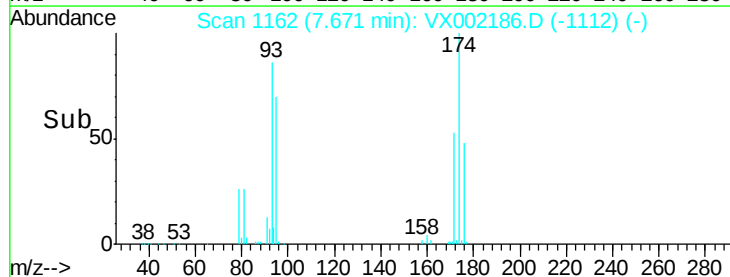
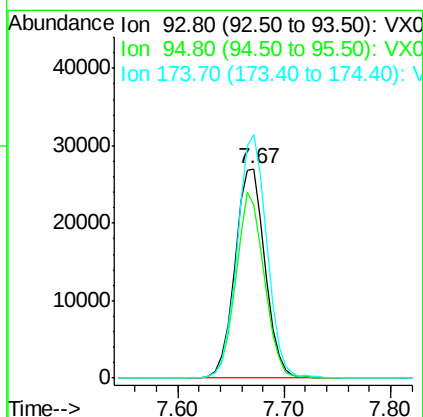
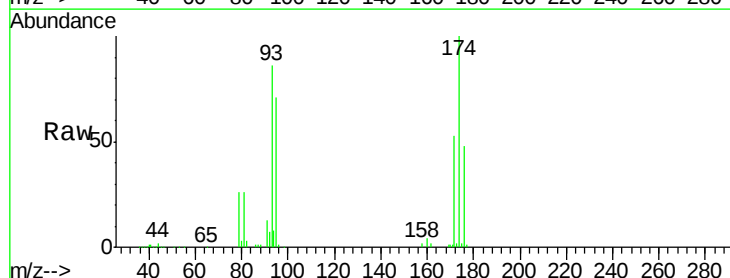
Tgt Ion: 93 Resp: 53560

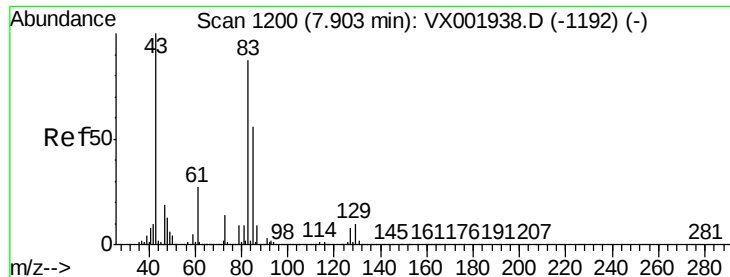
Ion Ratio Lower Upper

93 100

95 84.2 66.1 99.1

174 114.5 92.5 138.7





#47

Bromodichloromethane

Concen: 17.04 ug/l

RT: 7.90 min Scan# 1200

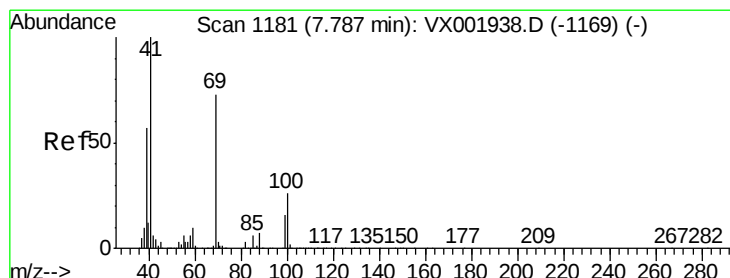
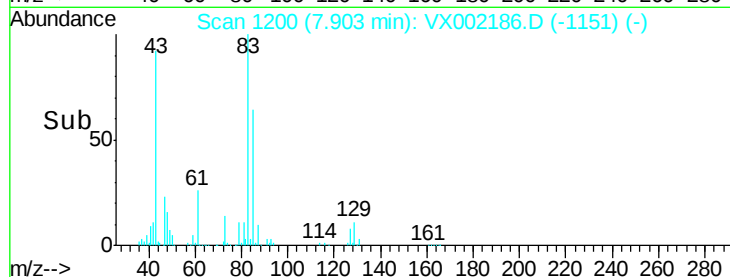
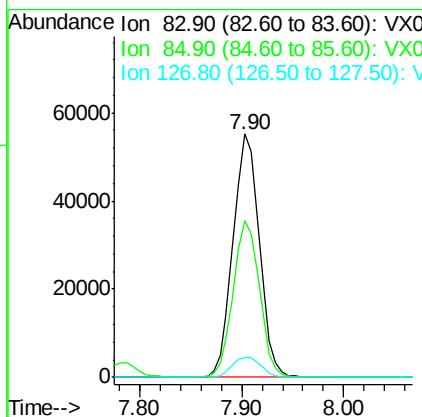
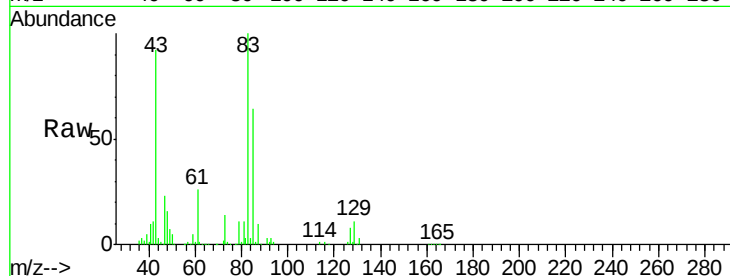
Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	83	Resp:	98567
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.4	77.2
127	8.1	7.1	10.7



#48

Methyl methacrylate

Concen: 18.71 ug/l

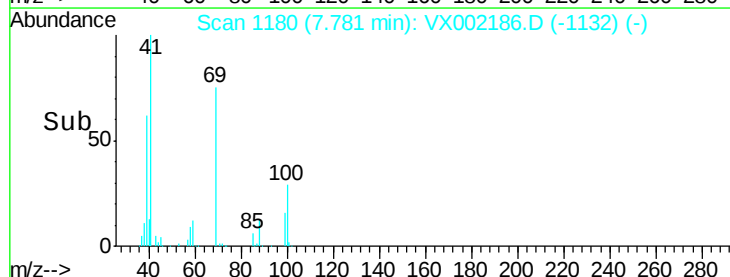
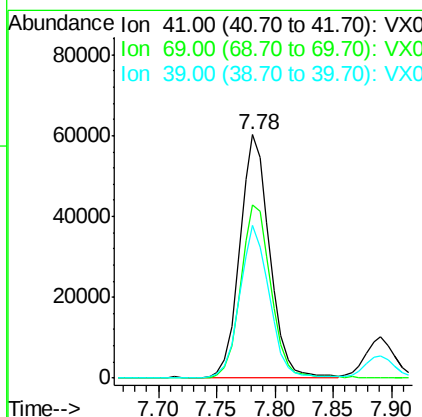
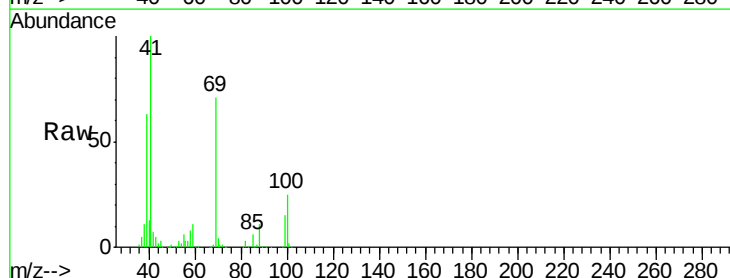
RT: 7.78 min Scan# 1180

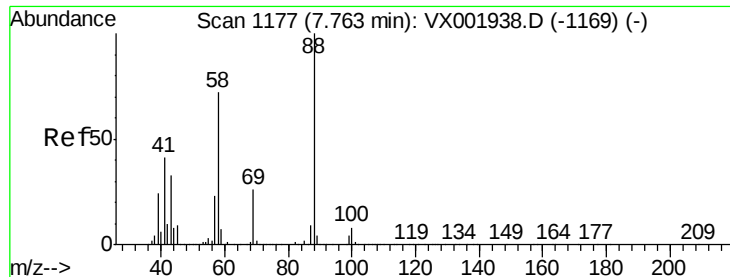
Delta R.T. -0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Tgt Ion:	41	Resp:	106550
Ion	Ratio	Lower	Upper
41	100		
69	73.3	58.6	87.8
39	62.2	46.3	69.5

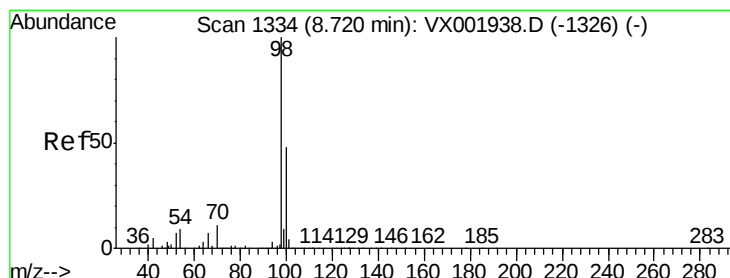
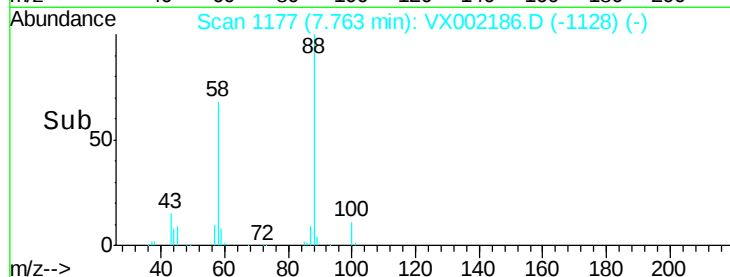
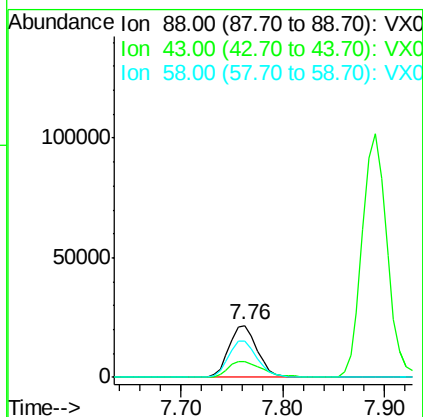
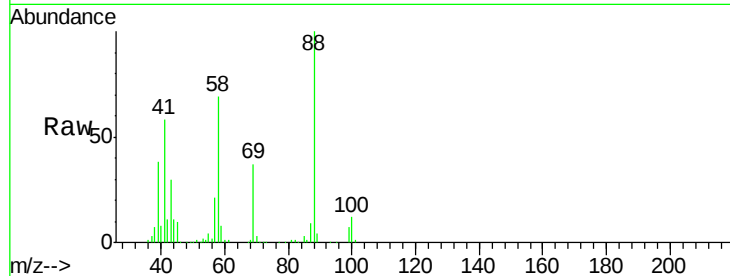




#49
 1,4-Dioxane
 Concen: 412.93 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX002186.D
 Acq: 31 May 2018 19:57

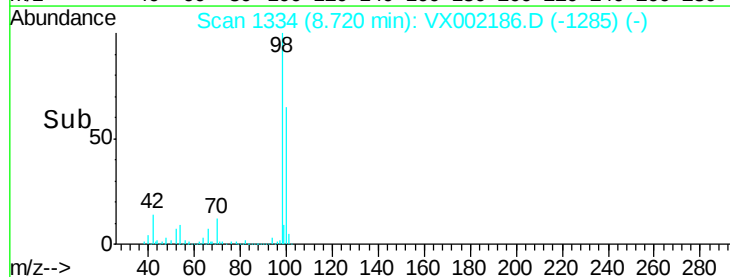
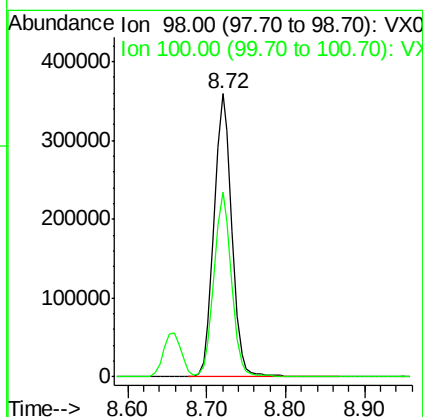
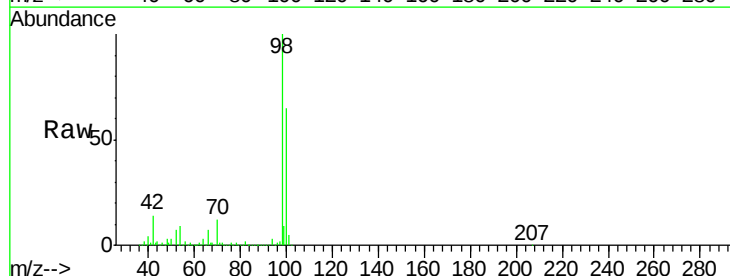
Instrument :
 MSVOA_X
 ClientSampleId :

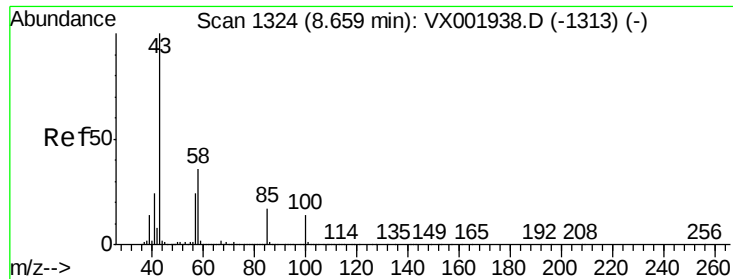
Tot Ion	88	Resp	41438
Ion	Ratio	Lower	Upper
88	100		
43	35.1	29.8	44.8
58	72.6	58.7	88.1



#50
 Toluene-d8
 Concen: 42.37 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002186.D
 Acq: 31 May 2018 19:57

Tgt Ion	98	Resp	567962
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 101.16 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

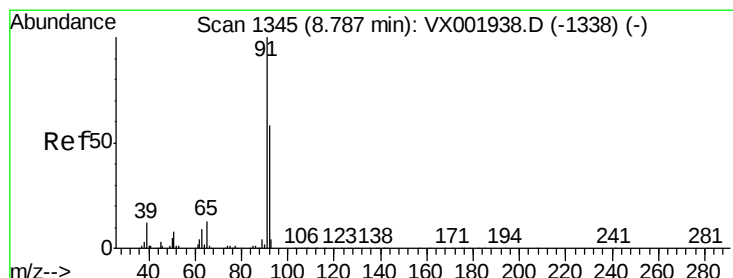
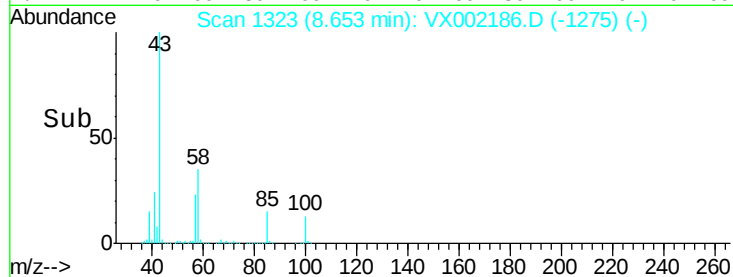
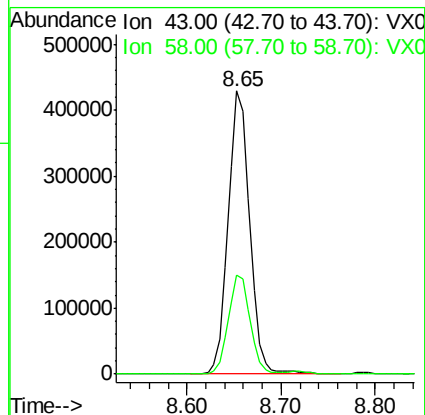
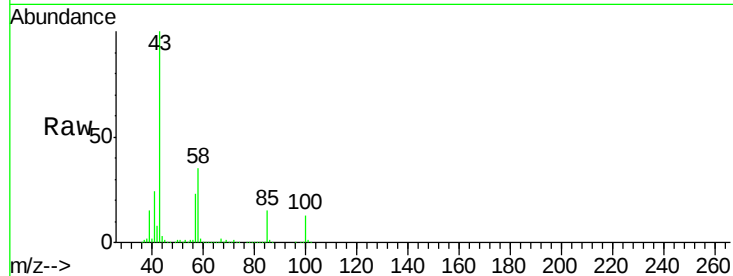
ClientSampleId :

Tot Ion: 43 Resp: 682337

Ion Ratio Lower Upper

43 100

58 35.2 28.5 42.7



#52

Toluene

Concen: 19.79 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002186.D

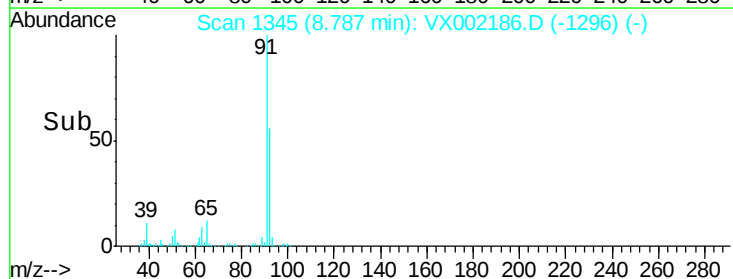
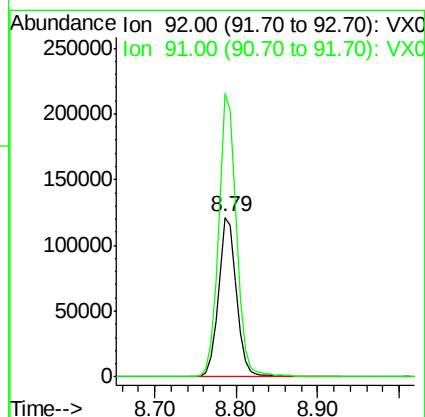
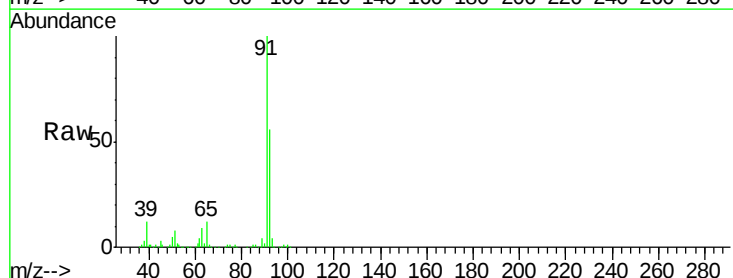
Acq: 31 May 2018 19:57

Tgt Ion: 92 Resp: 190084

Ion Ratio Lower Upper

92 100

91 176.9 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 18.19 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

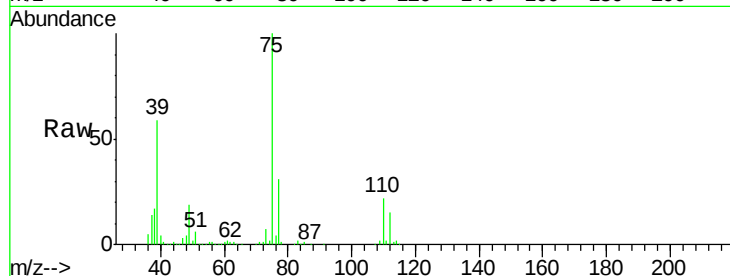
ClientSampleId :

Tot Ion: 75 Resp: 121232

Ion Ratio Lower Upper

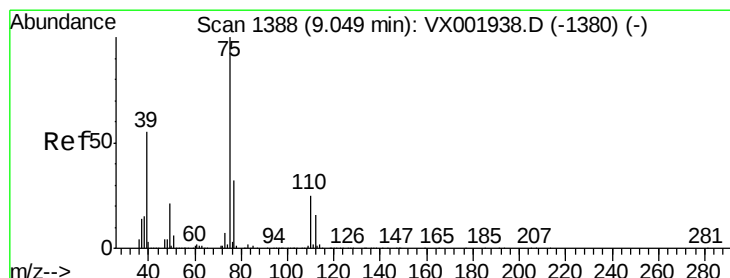
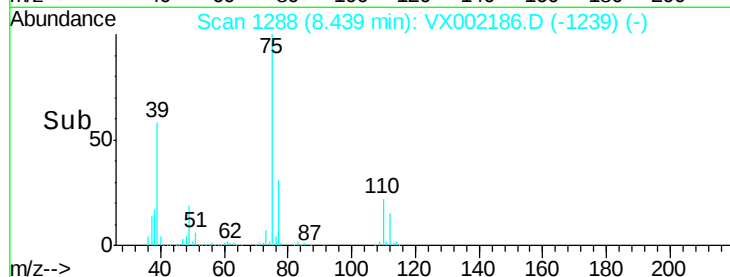
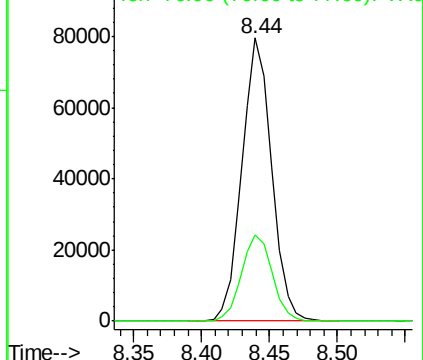
75 100

77 30.5 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: 17.45 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

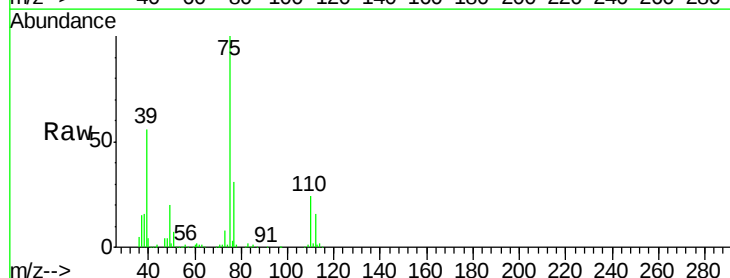
Tgt Ion: 75 Resp: 113286

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

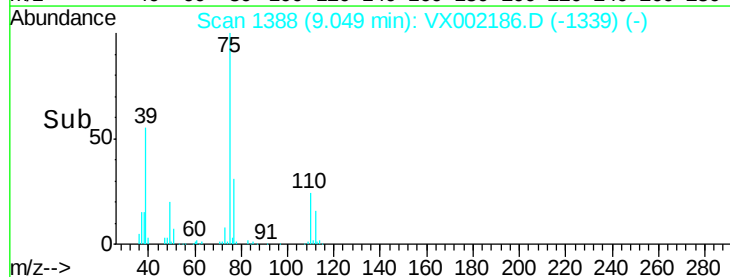
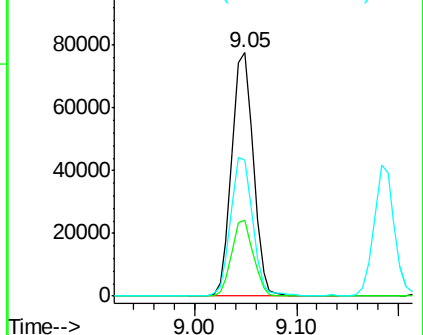
39 55.5 44.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

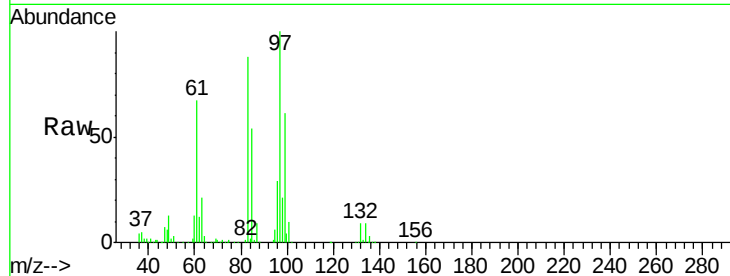




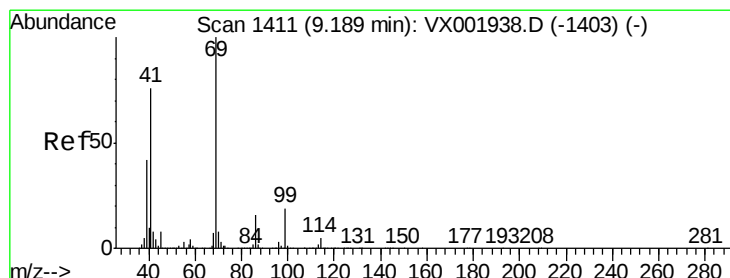
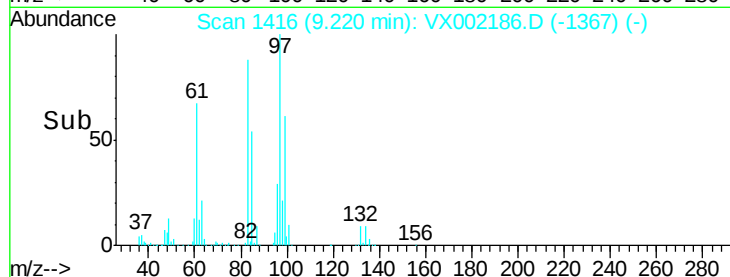
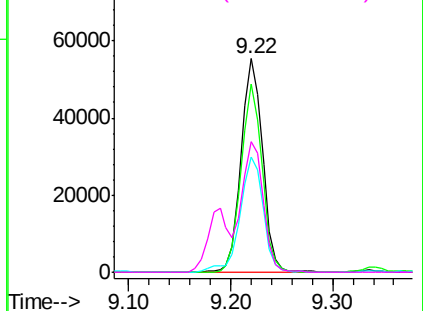
#55
 1,1,2-Trichloroethane
 Concen: 20.11 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002186.D
 Acq: 31 May 2018 19:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	80672
Ion	Ratio	Lower	Upper
97	100		
83	88.1	69.1	103.7
85	54.0	45.2	67.8
99	61.4	49.6	74.4

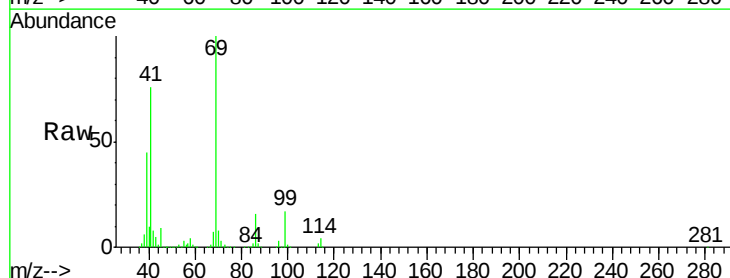


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

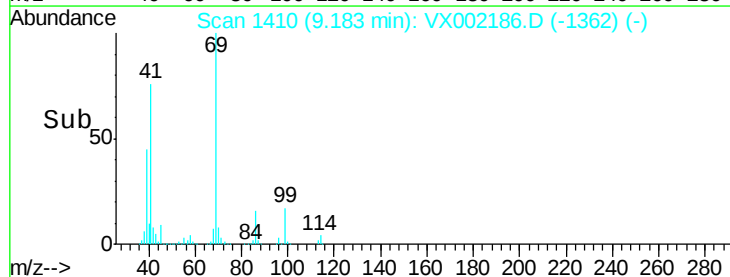
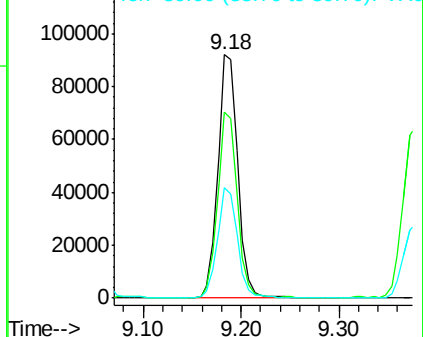


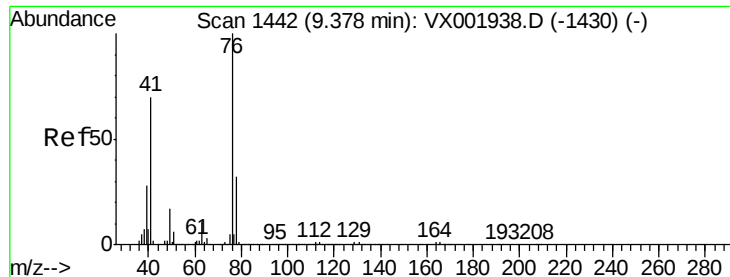
#56
 Ethyl methacrylate
 Concen: 18.83 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002186.D
 Acq: 31 May 2018 19:57

Tgt Ion:	69	Resp:	129942
Ion	Ratio	Lower	Upper
69	100		
41	75.2	61.0	91.6
39	45.6	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: 20.48 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

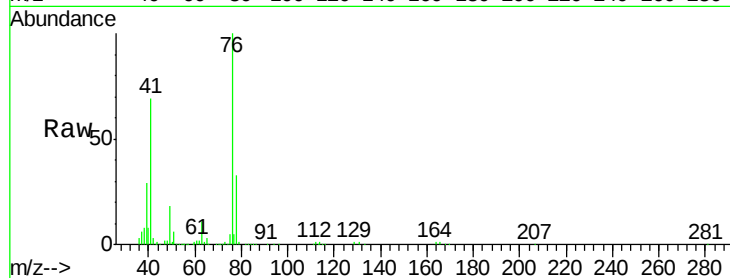
ClientSampleId :

Tot Ion: 76 Resp: 135327

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

100000

80000

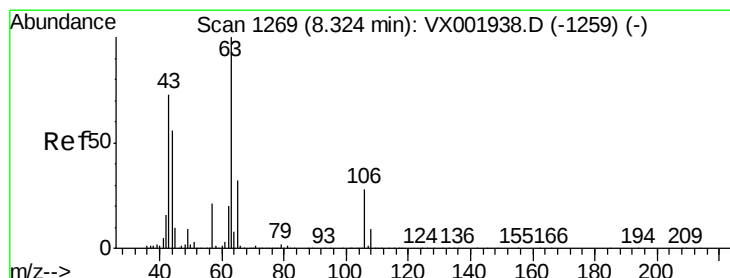
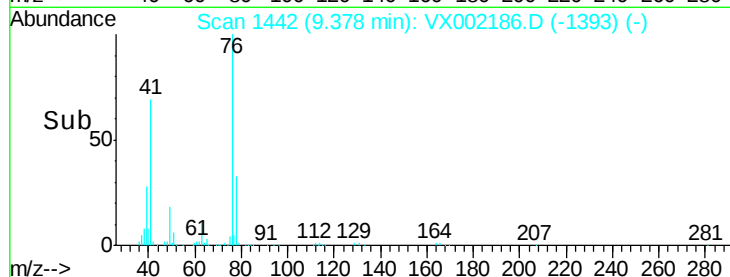
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 91.04 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002186.D

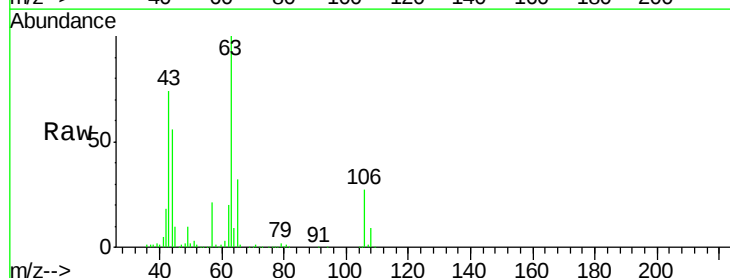
Acq: 31 May 2018 19:57

Tgt Ion: 63 Resp: 278433

Ion Ratio Lower Upper

63 100

106 26.9 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

200000

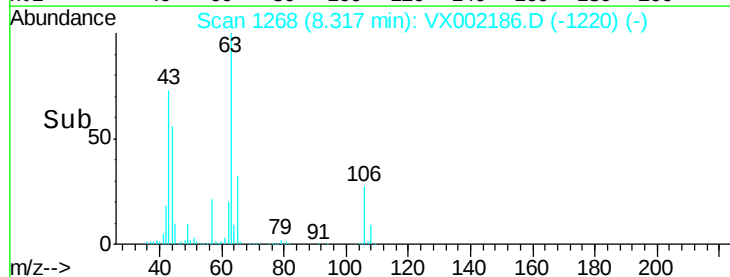
150000

100000

50000

0

Time-->

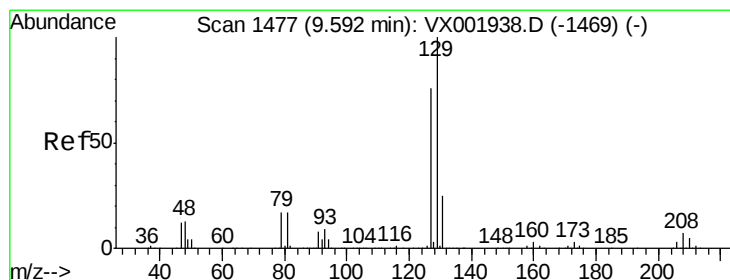
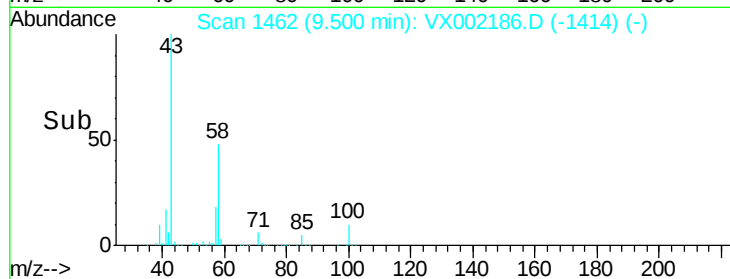
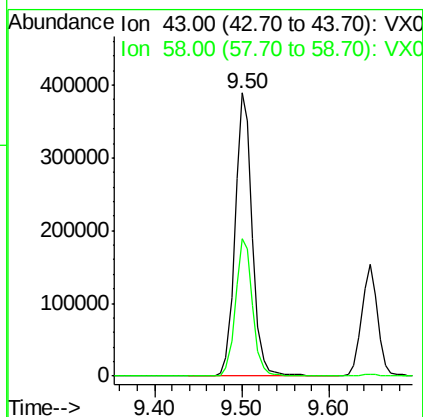
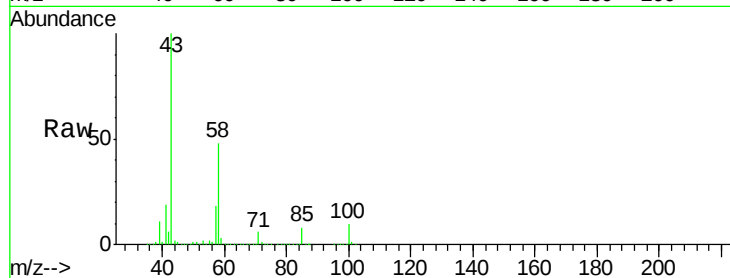




#59
2-Hexanone
Concen: 102.59 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

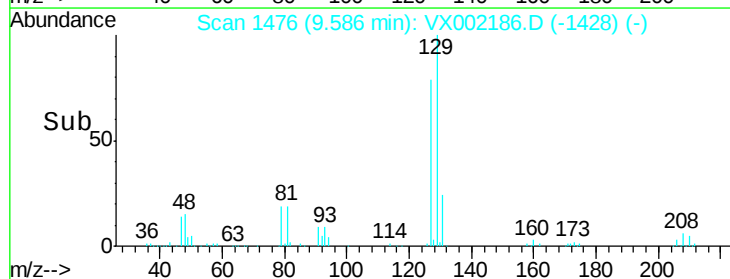
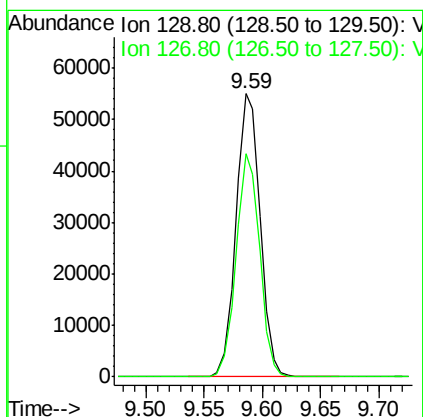
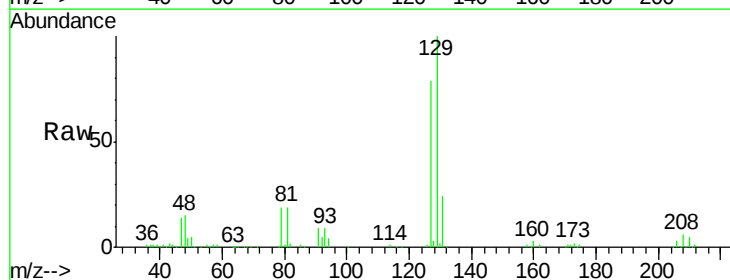
Instrument :
MSVOA_X
ClientSampleId :

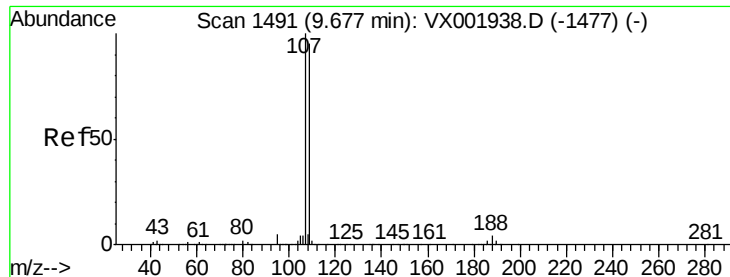
Tot Ion: 43 Resp: 533522
Ion Ratio Lower Upper
43 100
58 48.7 24.9 74.6



#60
Dibromochloromethane
Concen: 16.73 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

Tgt Ion: 129 Resp: 79517
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.9

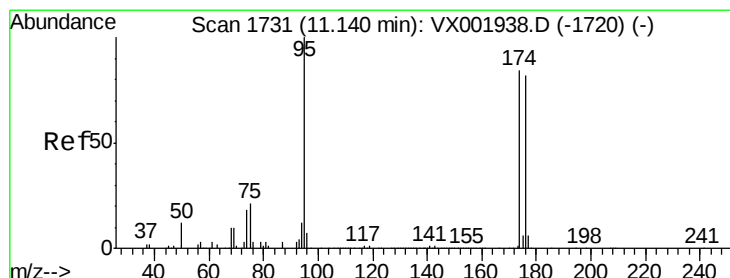
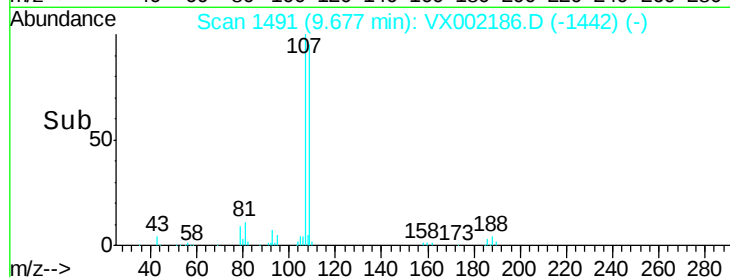
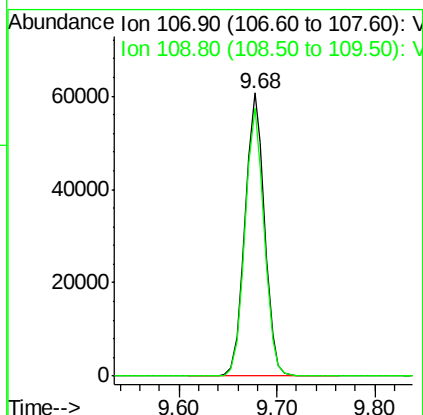
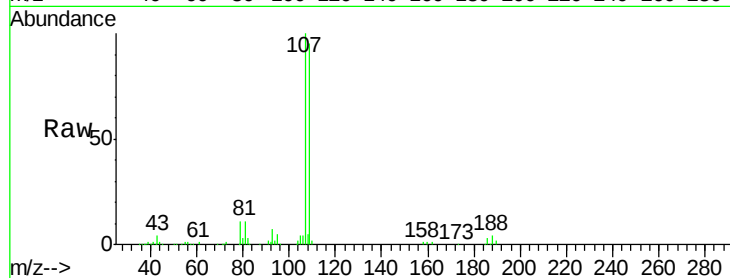




#61
 1,2-Dibromoethane
 Concen: 19.96 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX002186.D
 Acq: 31 May 2018 19:57

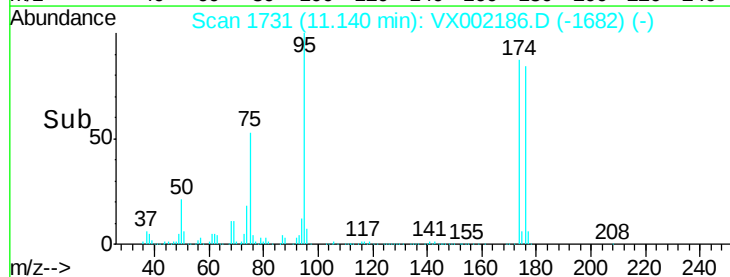
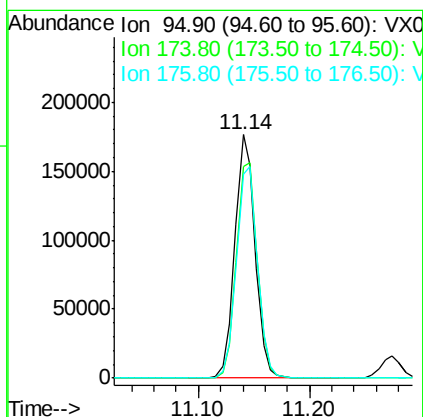
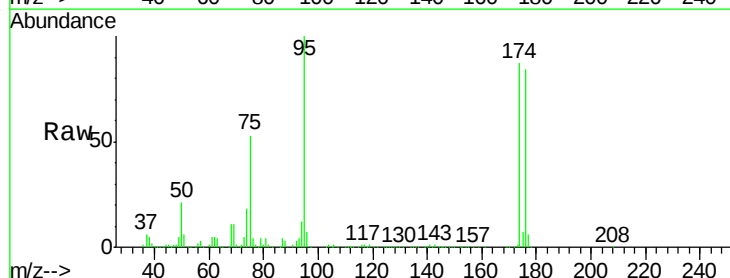
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:107 Resp: 84036
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 42.33 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX002186.D
 Acq: 31 May 2018 19:57

Tgt Ion: 95 Resp: 222035
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 178.8
 176 90.8 0.0 175.6

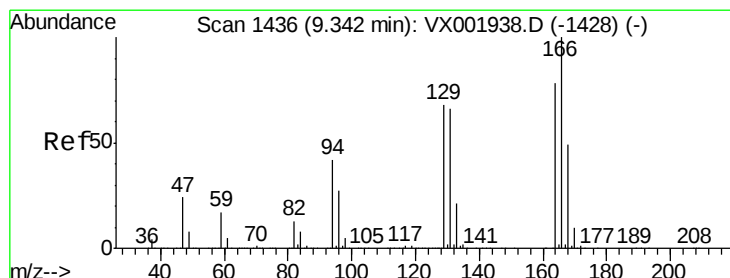
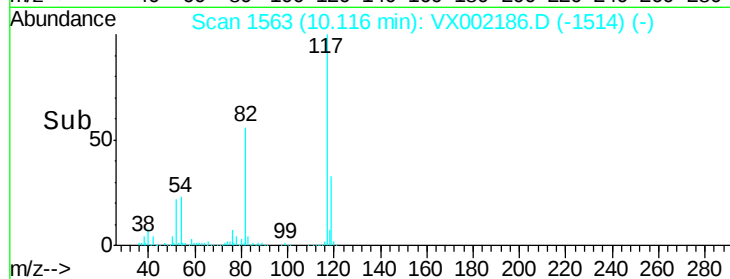
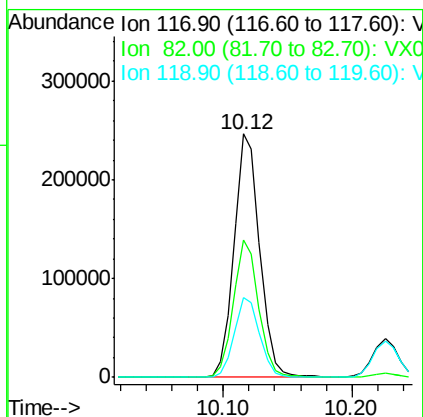
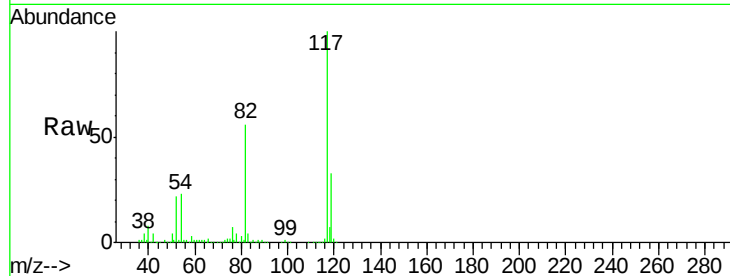




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

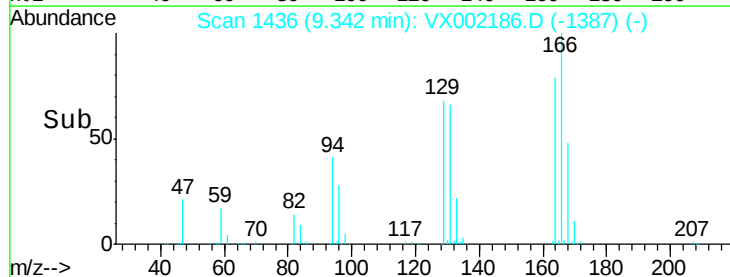
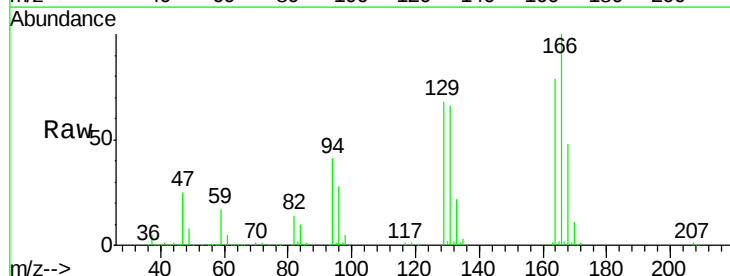
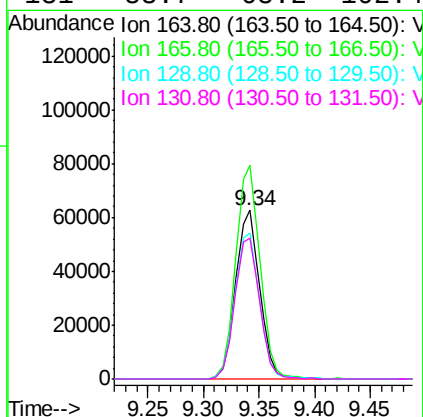
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	44.8	67.2
119	32.6	25.5	38.3



#64
Tetrachloroethene
Concen: 19.22 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	102.7	154.1
129	86.5	70.3	105.5
131	83.7	68.2	102.4





#65

Chlorobenzene

Concen: 20.06 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

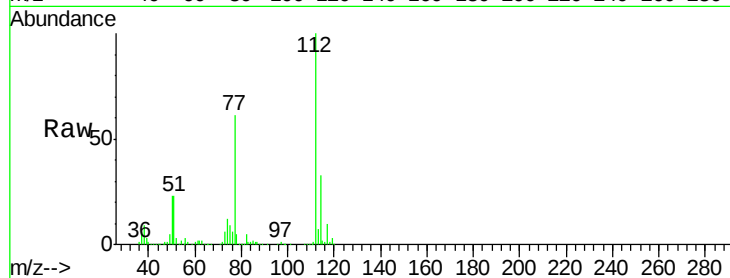
ClientSampleId :

Tot Ion:112 Resp: 217239

Ion Ratio Lower Upper

112 100

114 32.6 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

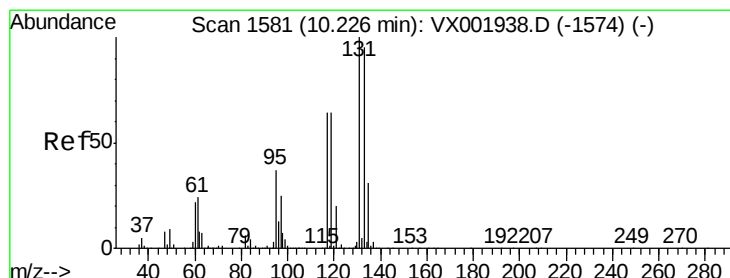
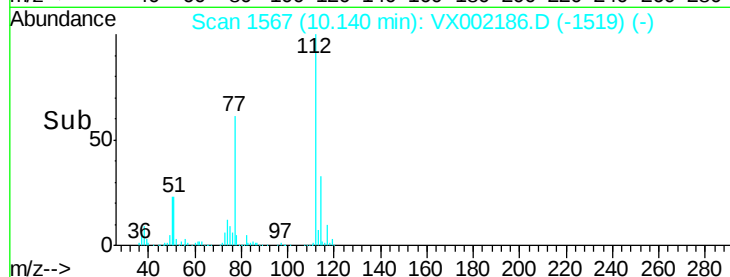
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.16 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

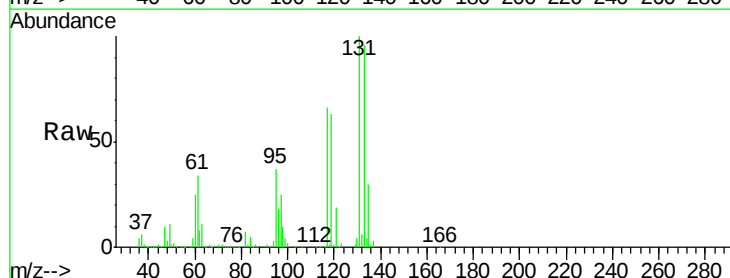
Tgt Ion:131 Resp: 79415

Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.0

119 63.4 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

10.23

80000

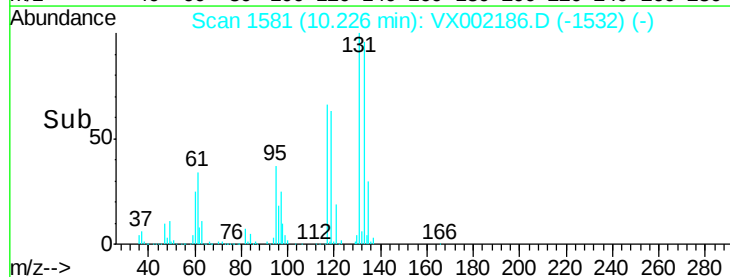
60000

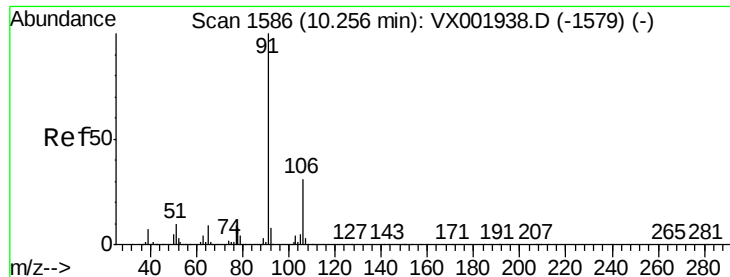
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 19.80 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

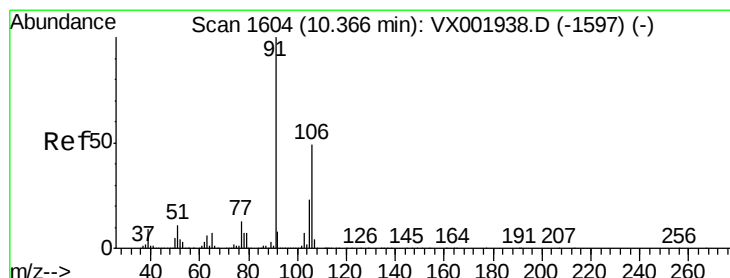
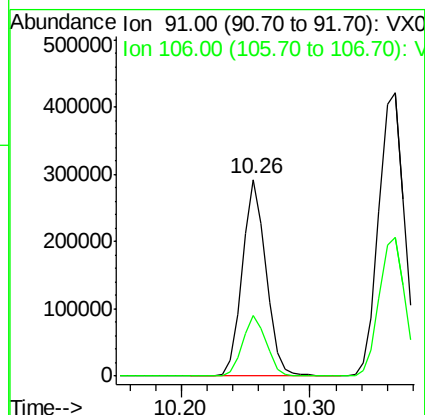
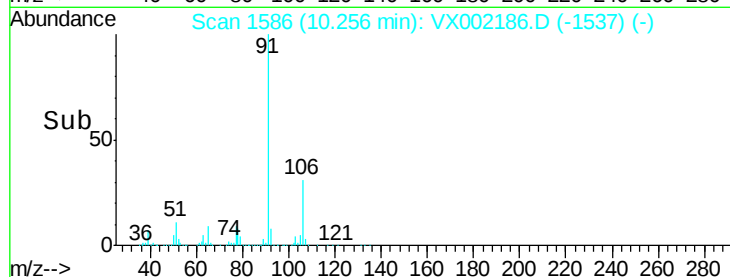
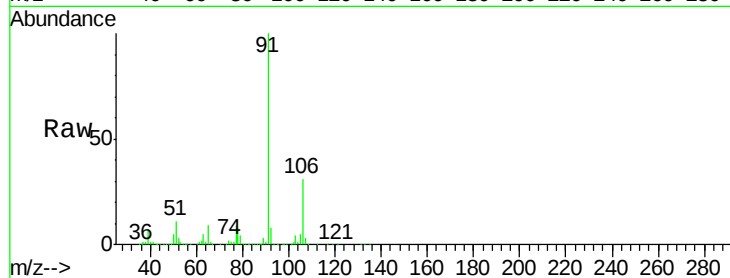
ClientSampleId :

Tot Ion: 91 Resp: 372411

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.6



#68

m/p-Xylenes

Concen: 39.89 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002186.D

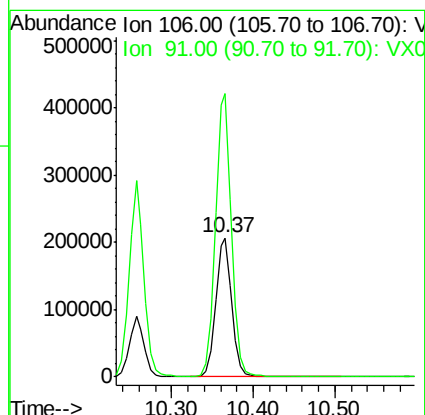
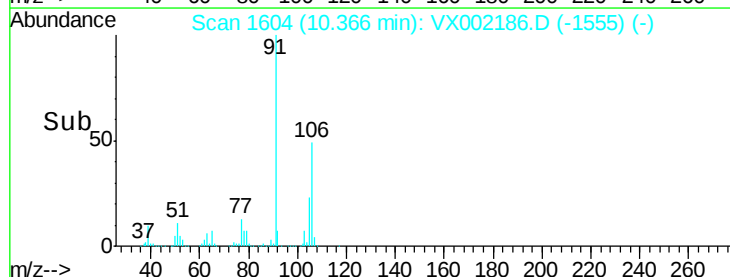
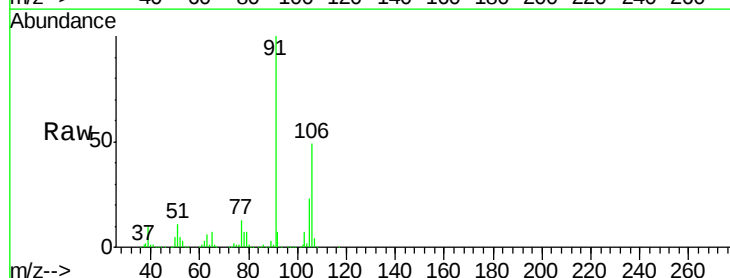
Acq: 31 May 2018 19:57

Tgt Ion: 106 Resp: 286829

Ion Ratio Lower Upper

106 100

91 204.4 165.0 247.6

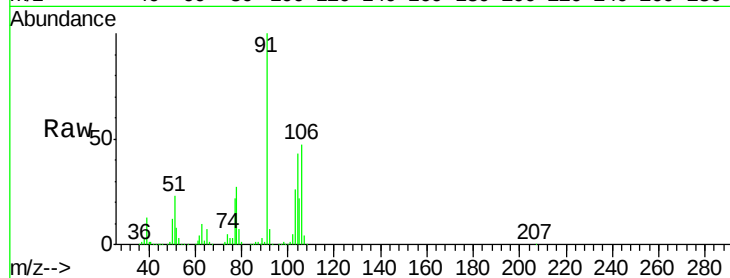




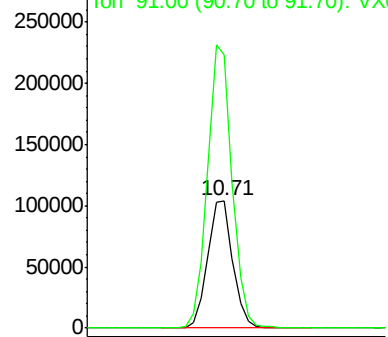
#69
o-Xylene
Concen: 19.80 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :

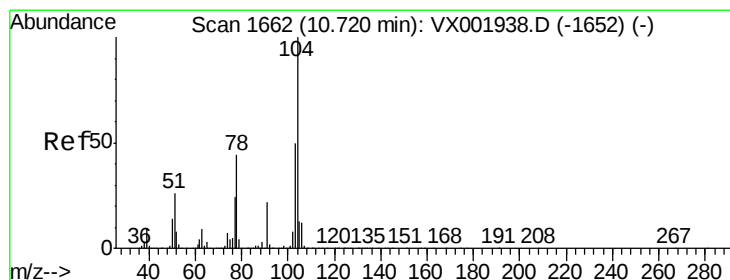
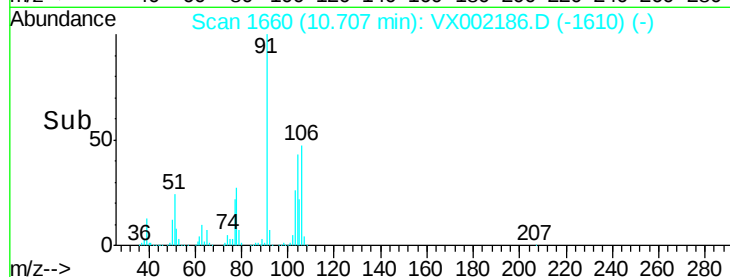
Tot Ion:106 Resp: 142134
Ion Ratio Lower Upper
106 100
91 217.5 108.7 325.9



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

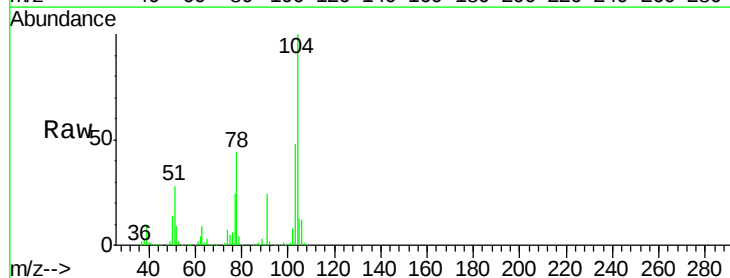


Time-->

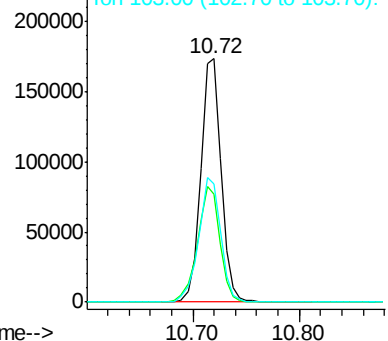


#70
Styrene
Concen: 19.61 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

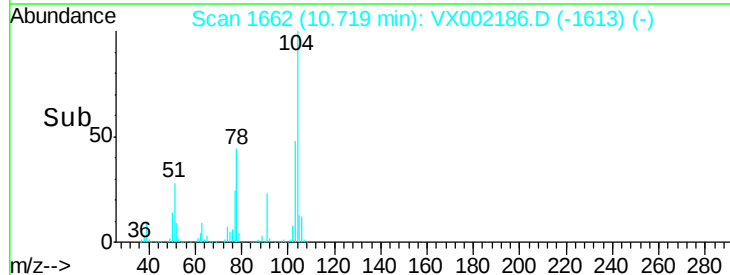
Tgt Ion:104 Resp: 233552
Ion Ratio Lower Upper
104 100
78 51.9 41.8 62.6
103 55.6 44.6 67.0

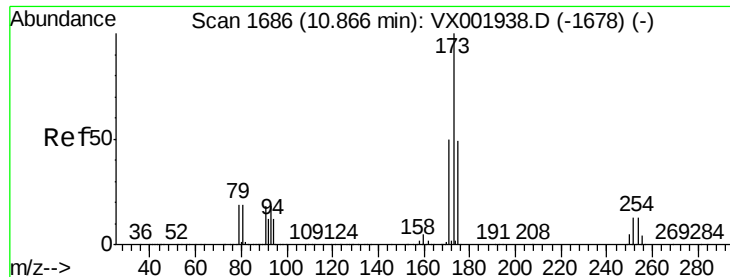


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 14.39 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

ClientSampled :

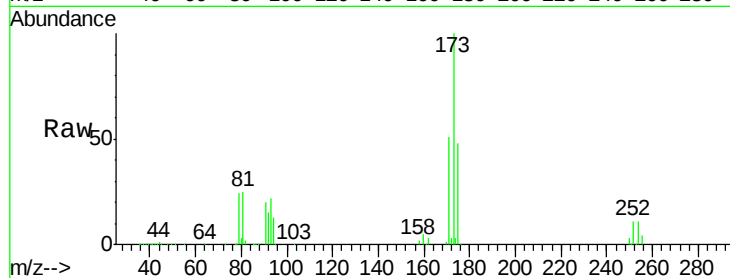
Tot Ion:173 Resp: 59640

Ion Ratio Lower Upper

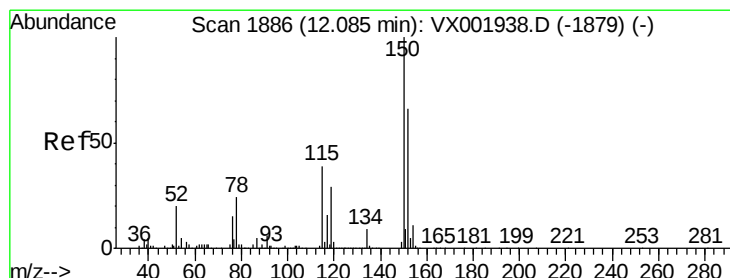
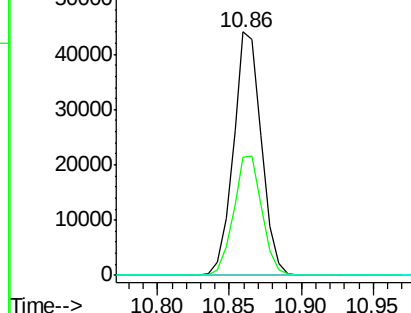
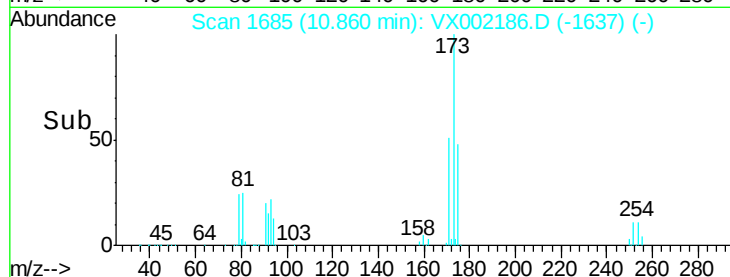
173 100

175 49.5 24.3 72.9

254 0.0 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: VX002186.D

Acq: 31 May 2018 19:57

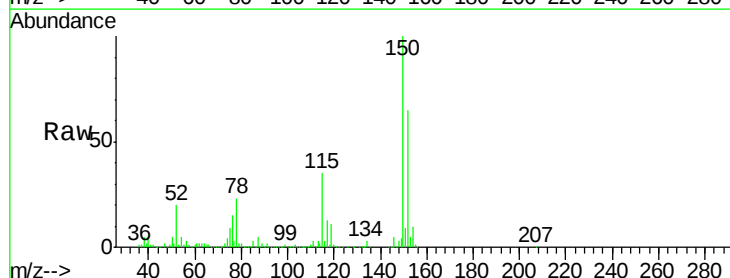
Tgt Ion:152 Resp: 227026

Ion Ratio Lower Upper

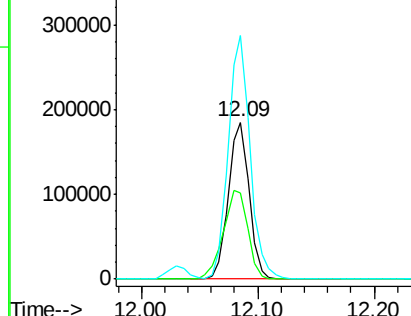
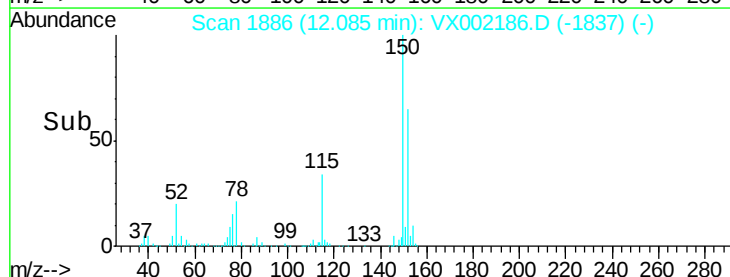
152 100

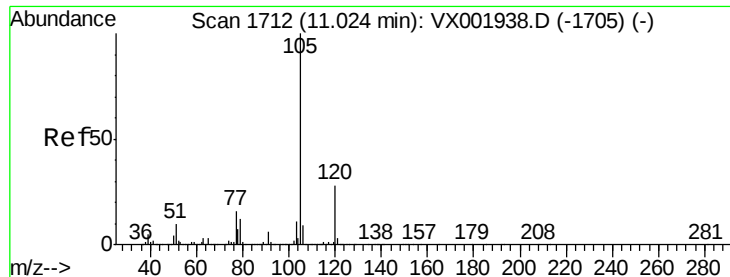
115 67.0 42.3 126.8

150 163.7 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: 19.86 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

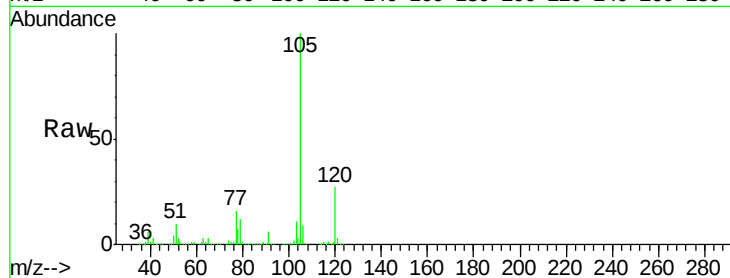
ClientSampleId :

Tot Ion:105 Resp: 381820

Ion Ratio Lower Upper

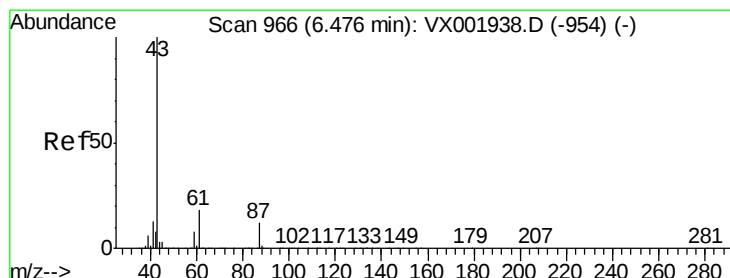
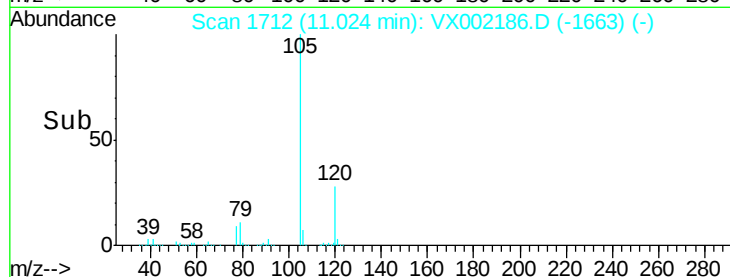
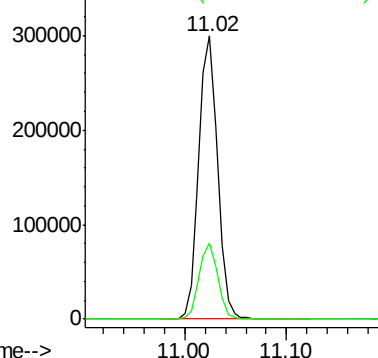
105 100

120 26.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.34 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Tgt Ion: 43 Resp: 212156

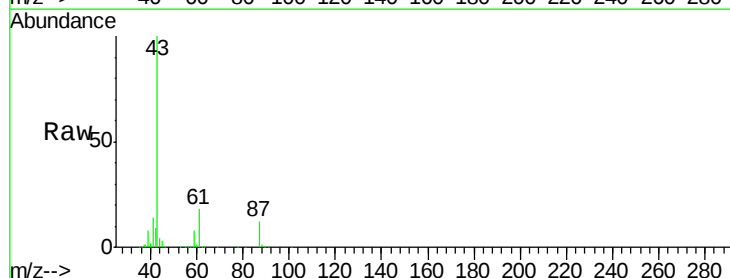
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1

61 17.9 14.5 21.7

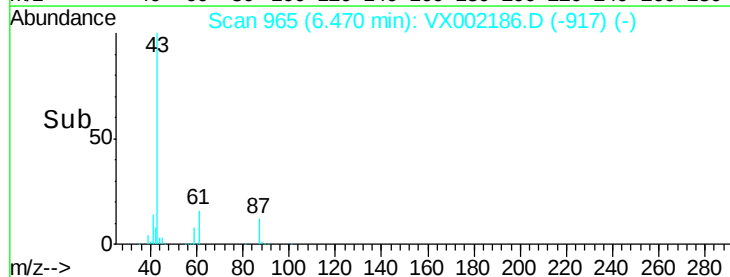
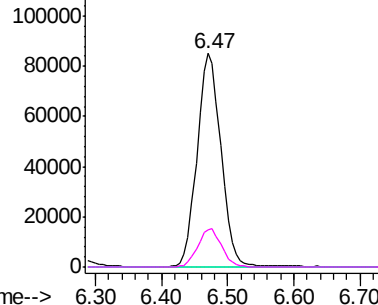


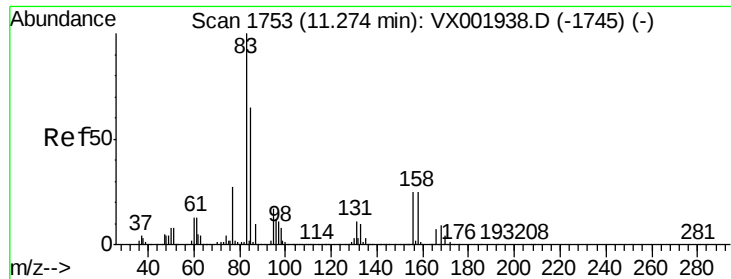
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.47 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

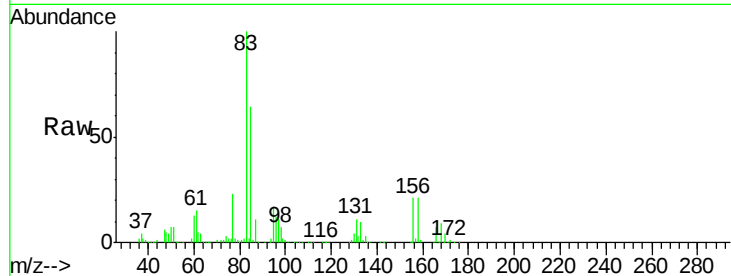
Tot Ion: 83 Resp: 116694

Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.7	17.0
85	64.9	32.6	97.7

83 100

131 10.8 5.7 17.0

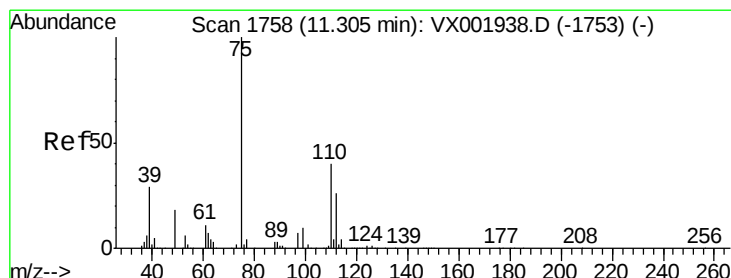
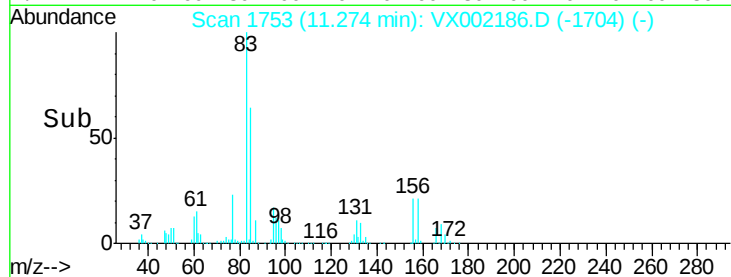
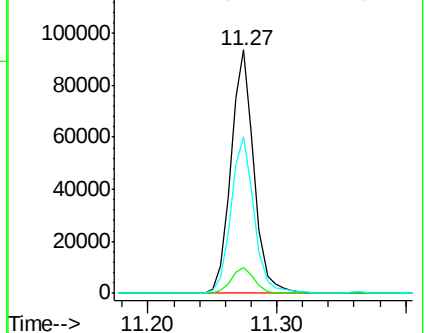
85 64.9 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.28 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX002186.D

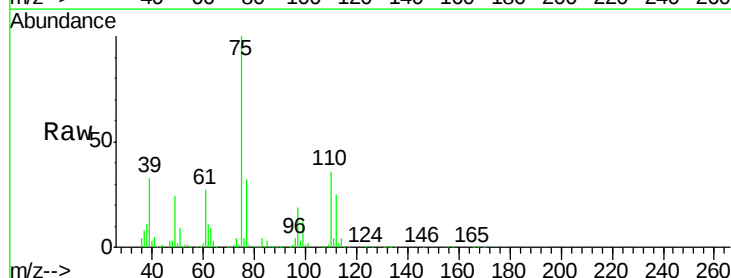
Acq: 31 May 2018 19:57

Tgt Ion: 75 Resp: 143316

Ion	Ratio	Lower	Upper
75	100		
77	32.8	22.8	68.3

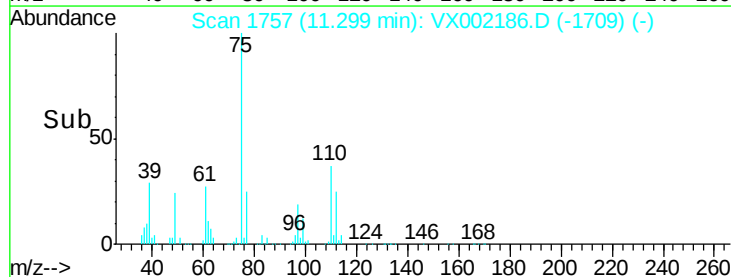
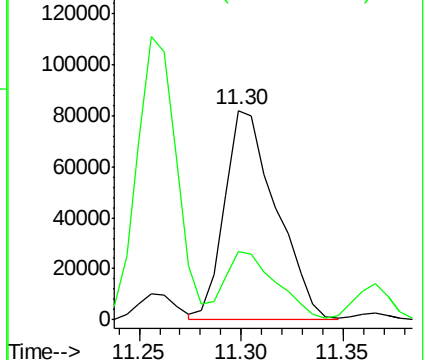
75 100

77 32.8 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: 20.17 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

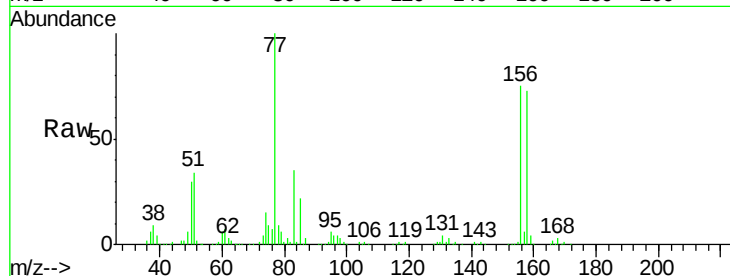
Tot Ion:156 Resp: 102879

Ion Ratio Lower Upper

156 100

77 143.9 75.2 225.6

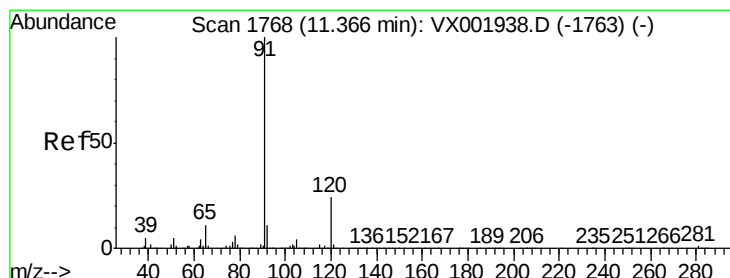
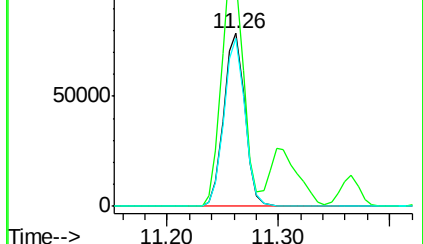
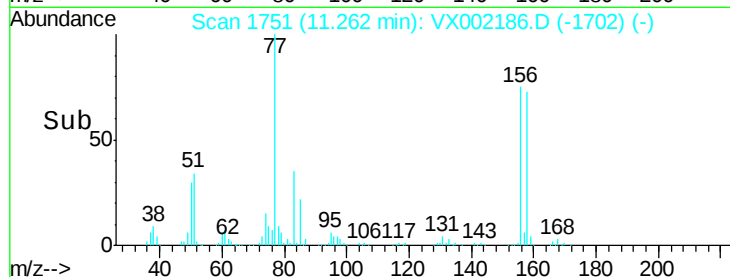
158 96.7 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.88 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002186.D

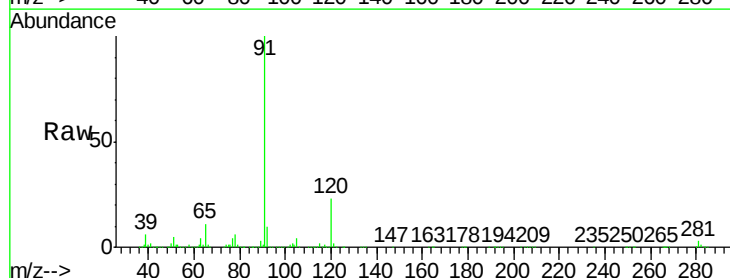
Acq: 31 May 2018 19:57

Tgt Ion: 91 Resp: 427962

Ion Ratio Lower Upper

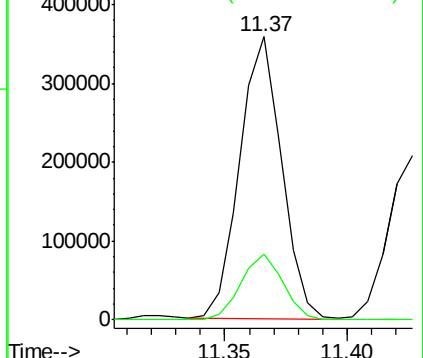
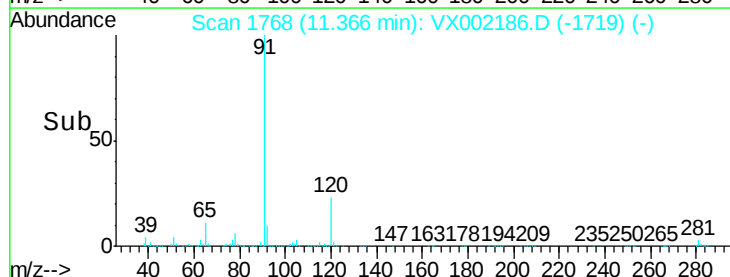
91 100

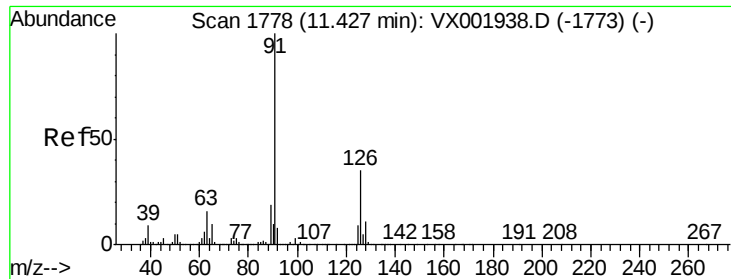
120 23.7 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.40 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

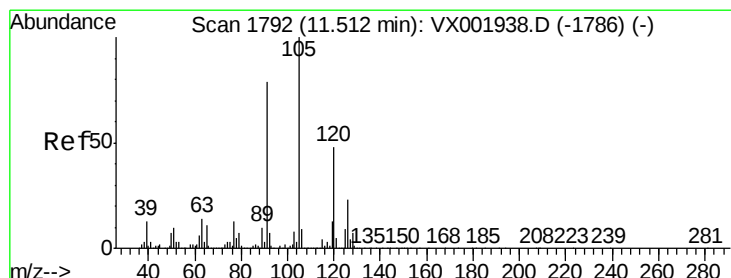
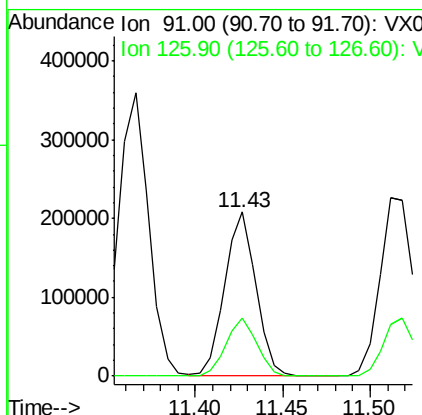
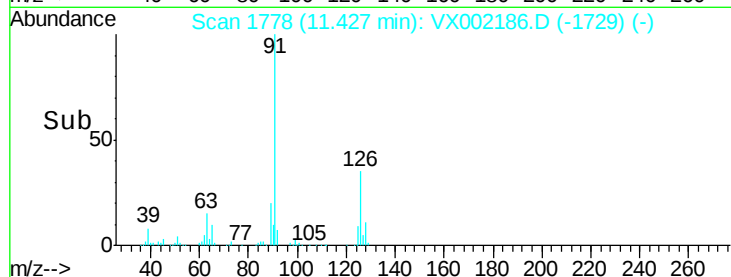
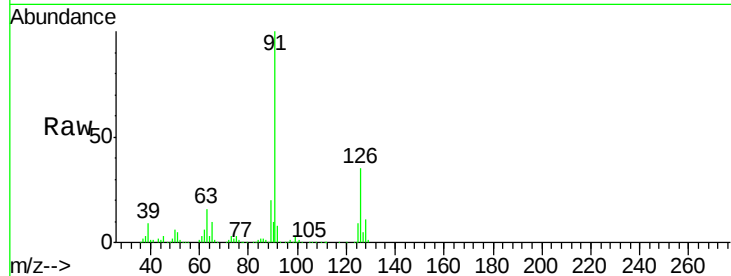
ClientSampled :

Tot Ion: 91 Resp: 257049

Ion Ratio Lower Upper

91 100

126 35.2 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 19.56 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002186.D

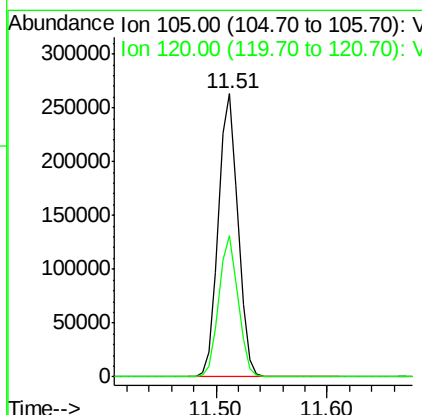
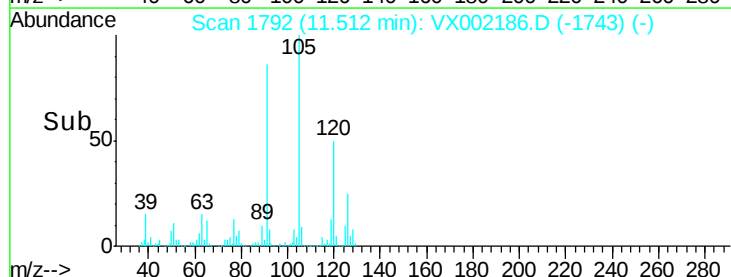
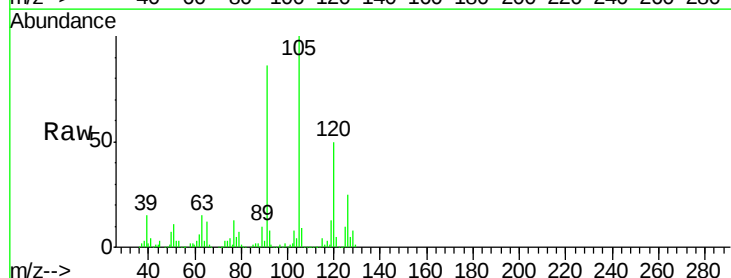
Acq: 31 May 2018 19:57

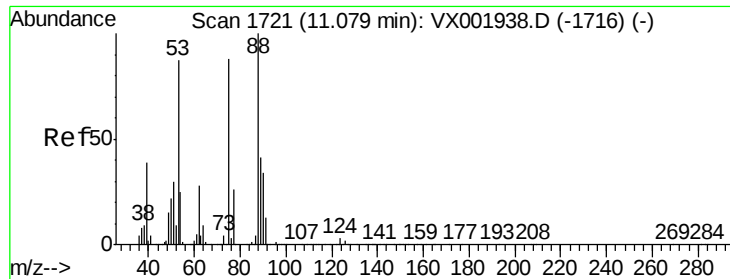
Tgt Ion: 105 Resp: 321390

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 14.14 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

ClientSampled :

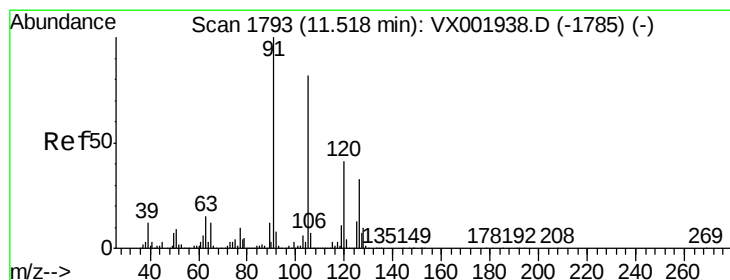
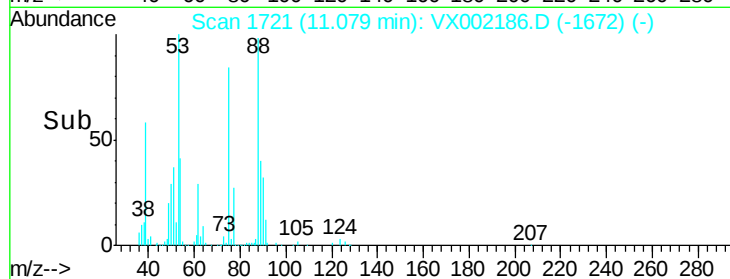
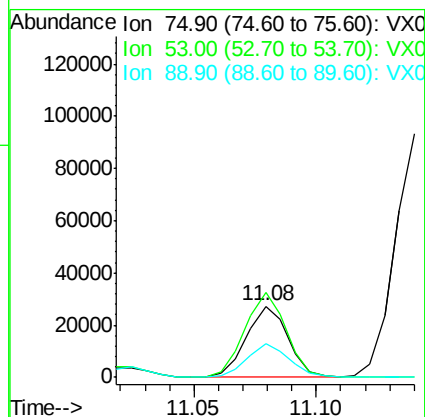
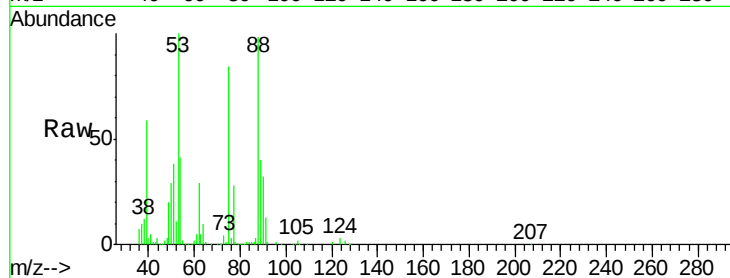
Tot Ion: 75 Resp: 32072

Ion Ratio Lower Upper

75 100

53 122.0 78.0 117.0#

89 49.5 39.4 59.2



#82

4-Chlorotoluene

Concen: 19.64 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX002186.D

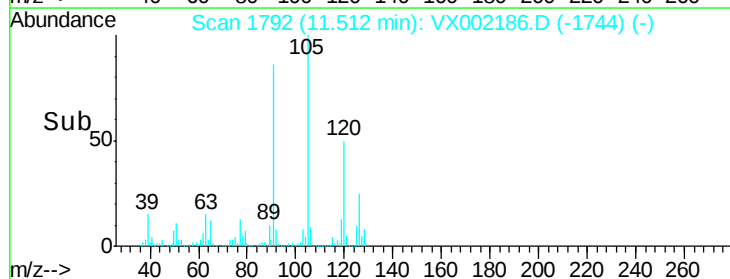
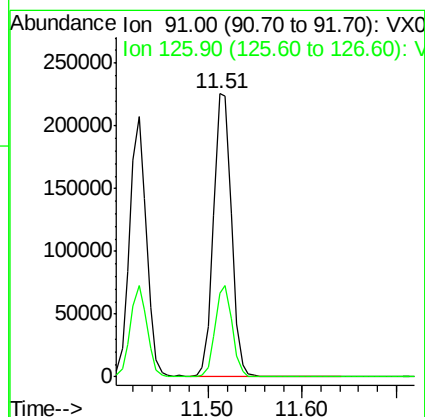
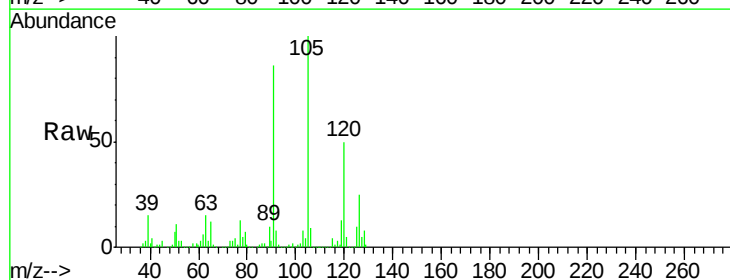
Acq: 31 May 2018 19:57

Tgt Ion: 91 Resp: 298262

Ion Ratio Lower Upper

91 100

126 30.7 15.3 45.8





#83

tert-Butylbenzene

Concen: 19.46 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

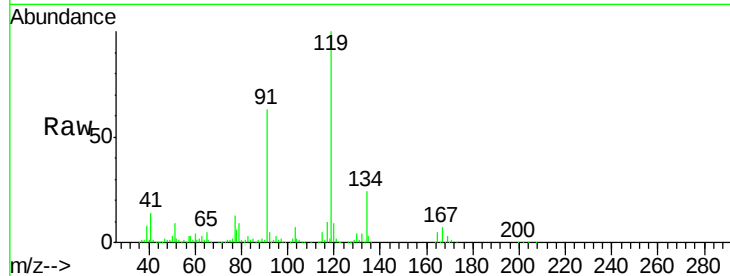
Tot Ion:119 Resp: 313781

Ion Ratio Lower Upper

119 100

91 61.1 30.6 91.8

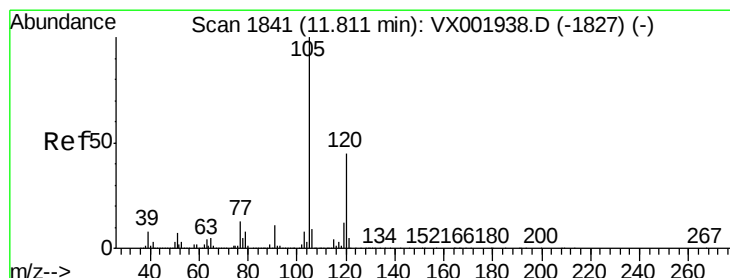
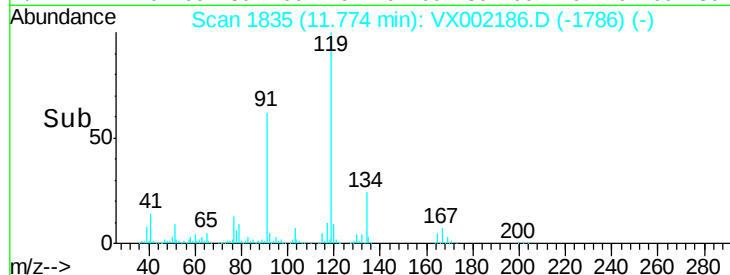
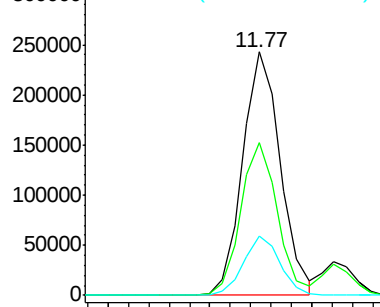
134 23.6 11.7 35.0



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: 19.58 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002186.D

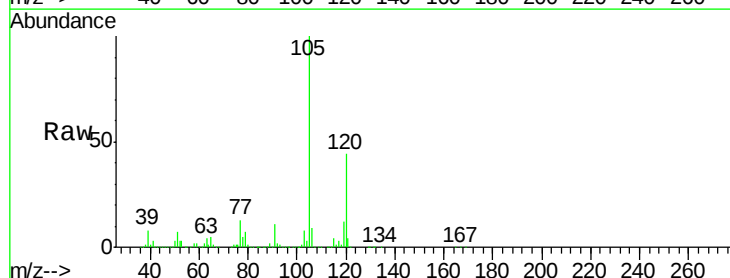
Acq: 31 May 2018 19:57

Tgt Ion:105 Resp: 332472

Ion Ratio Lower Upper

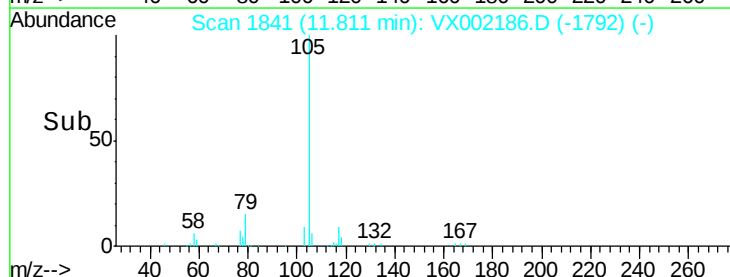
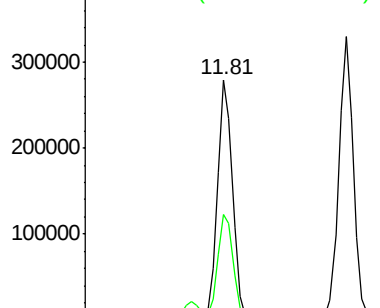
105 100

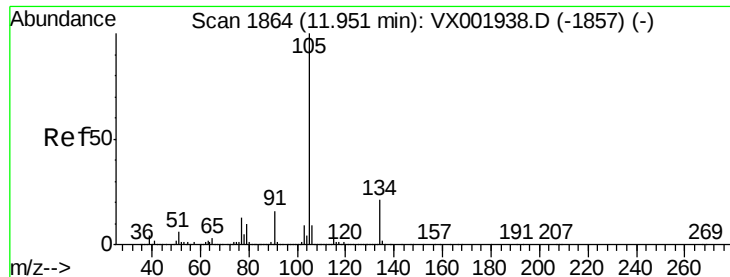
120 44.3 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.06 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

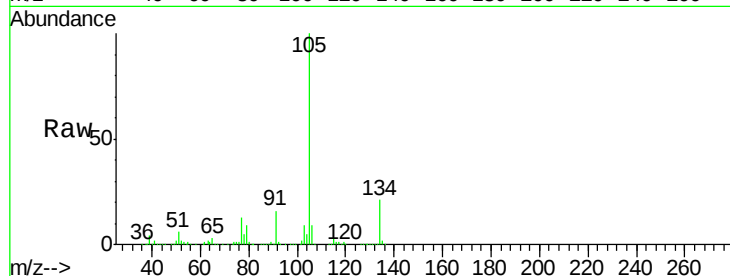
ClientSampled :

Tot Ion:105 Resp: 388690

Ion Ratio Lower Upper

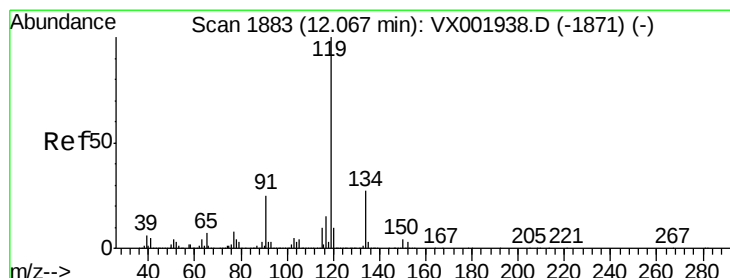
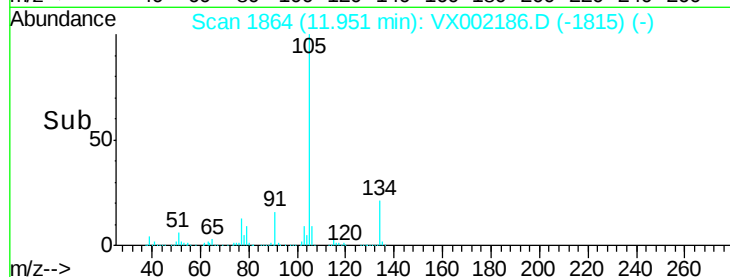
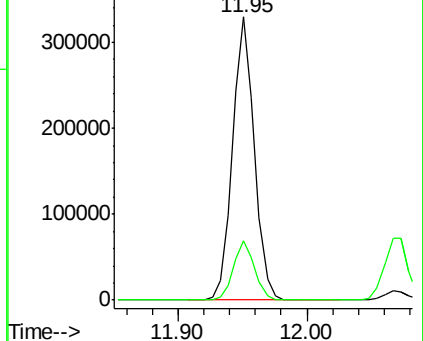
105 100

134 20.5 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: 19.80 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

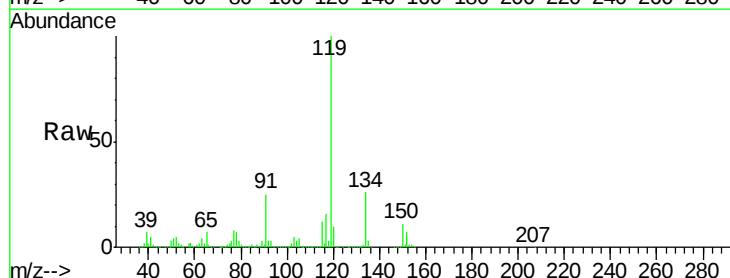
Tgt Ion:119 Resp: 343454

Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

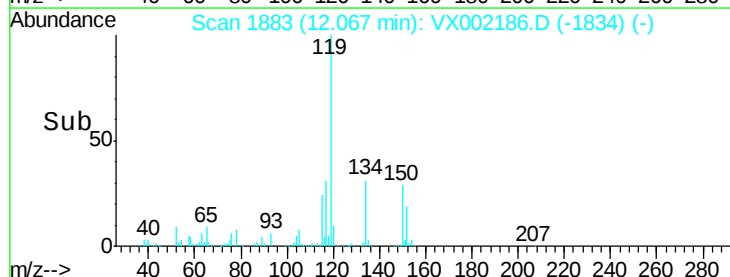
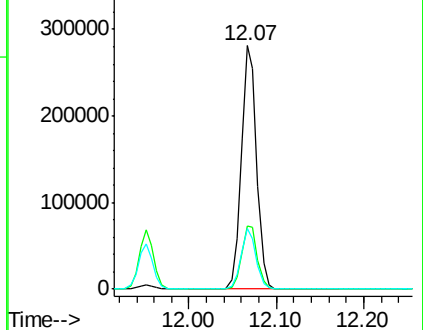
91 24.3 12.2 36.4

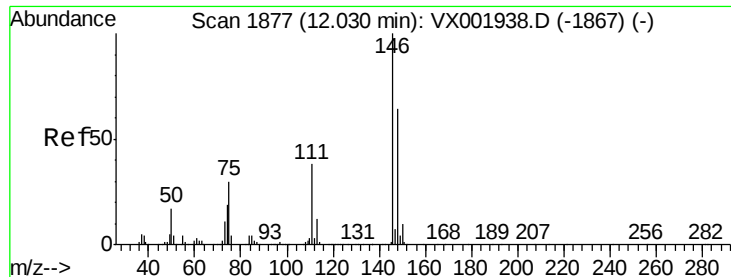


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

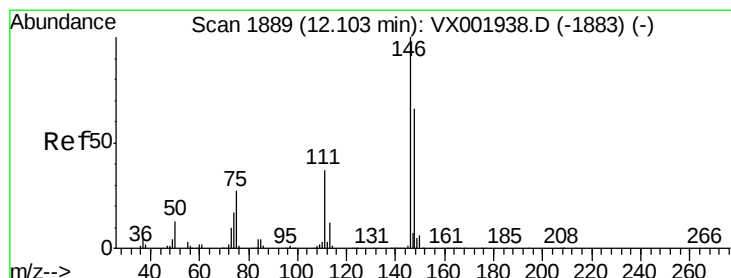
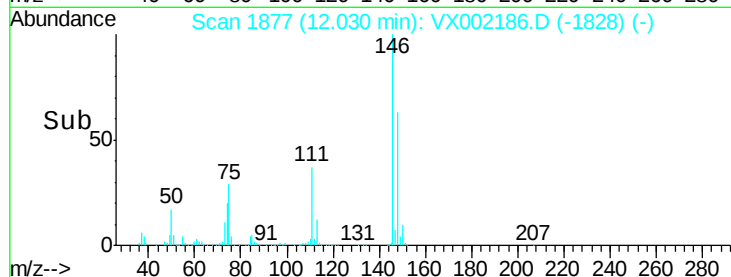
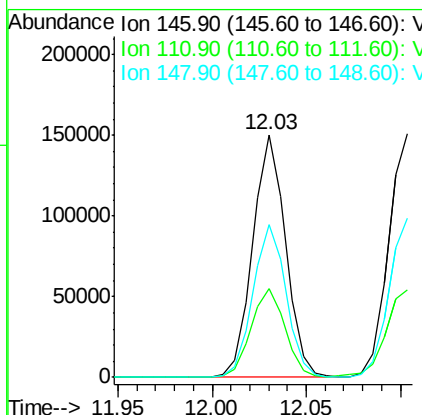
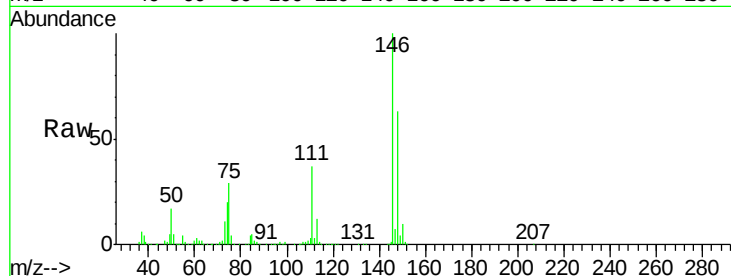




#87
 1,3-Dichlorobenzene
 Concen: 19.87 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002186.D
 Acq: 31 May 2018 19:57

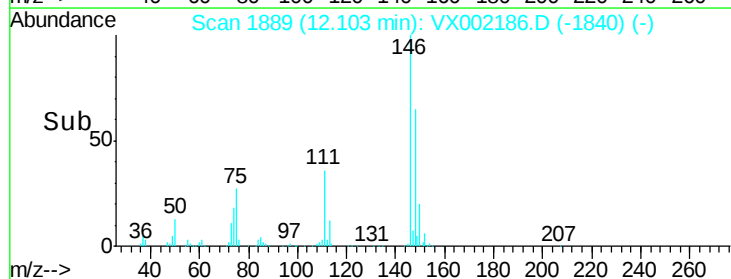
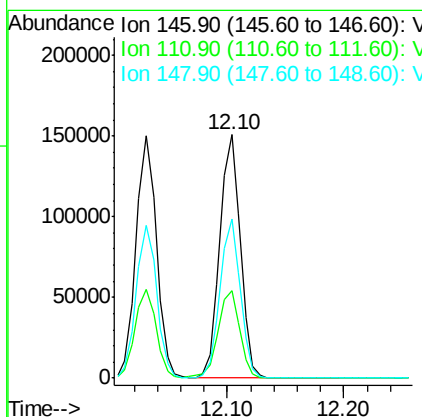
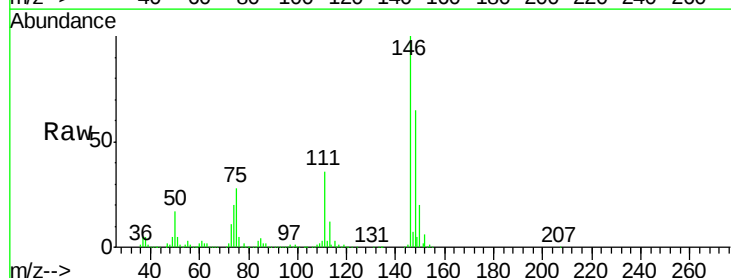
Instrument :
 MSVOA_X
 ClientSampled :

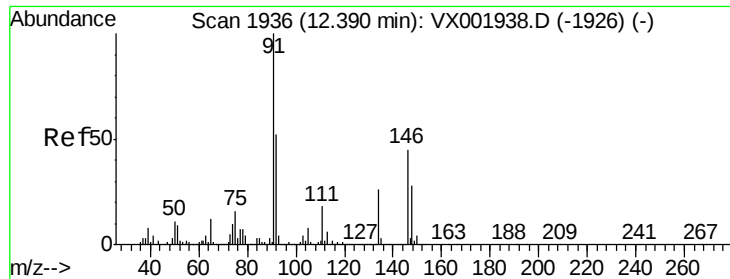
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.3	57.8
148	63.7	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.06 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002186.D
 Acq: 31 May 2018 19:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.5
148	64.4	32.3	96.8

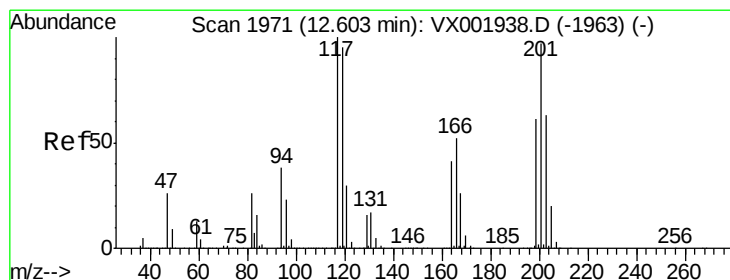
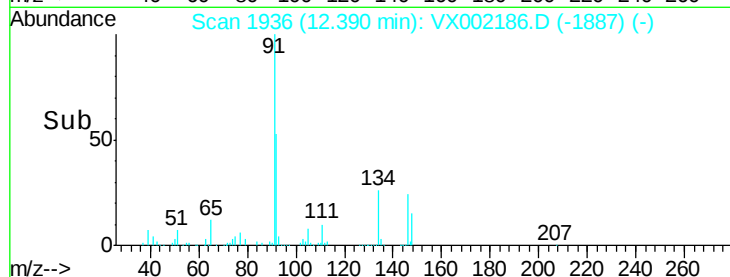
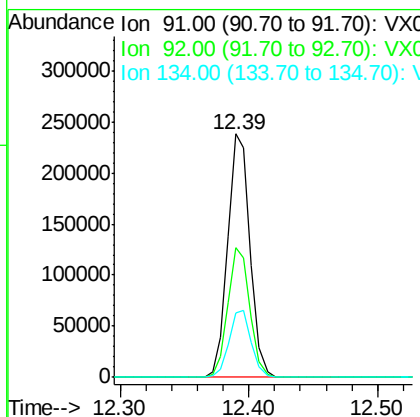
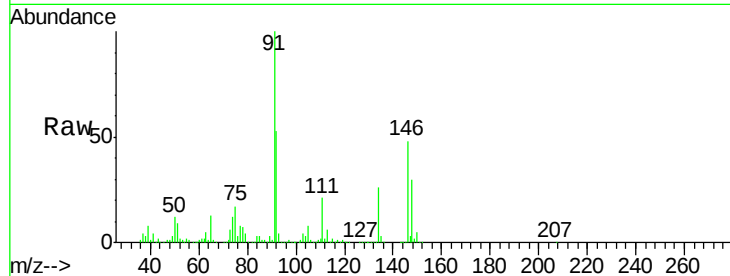




#89
n-Butylbenzene
Concen: 19.77 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

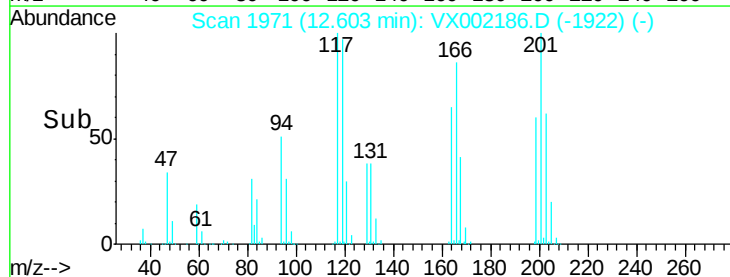
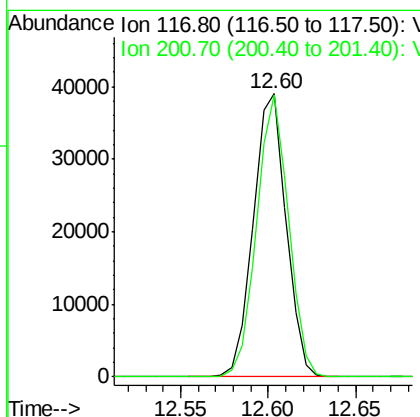
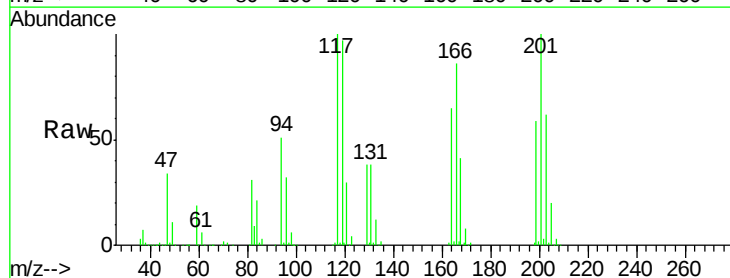
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 290569
Ion Ratio Lower Upper
91 100
92 52.5 26.3 78.9
134 27.2 13.6 40.7



#90
Hexachloroethane
Concen: 14.83 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002186.D
Acq: 31 May 2018 19:57

Tgt Ion: 117 Resp: 50733
Ion Ratio Lower Upper
117 100
201 96.6 48.0 144.0





#91

1,2-Dichlorobenzene

Concen: 20.26 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

ClientSampled :

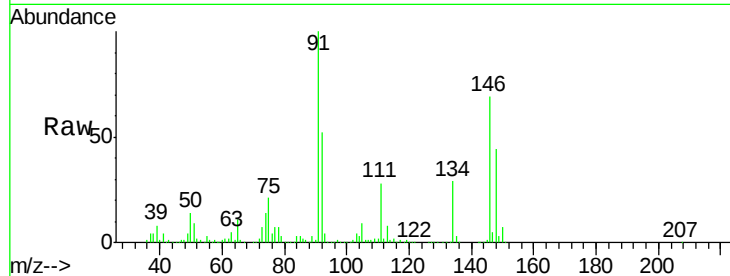
Tot Ion:146 Resp: 188561

Ion Ratio Lower Upper

146 100

111 40.1 19.8 59.3

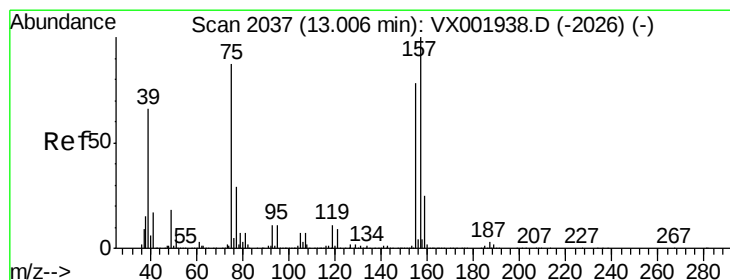
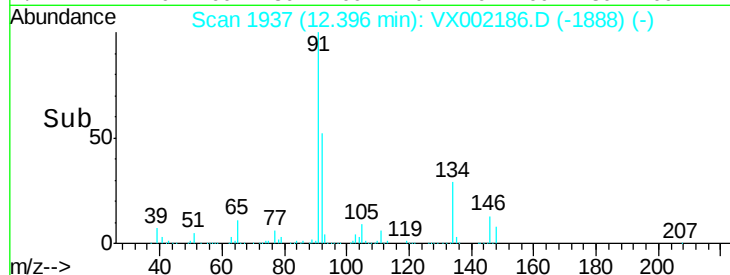
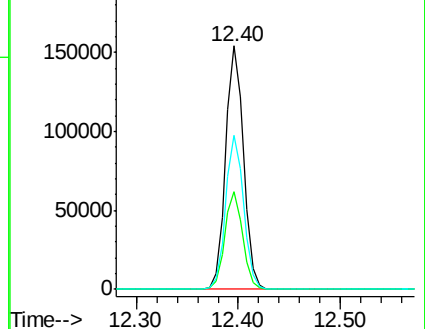
148 63.4 32.1 96.5



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: 15.66 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

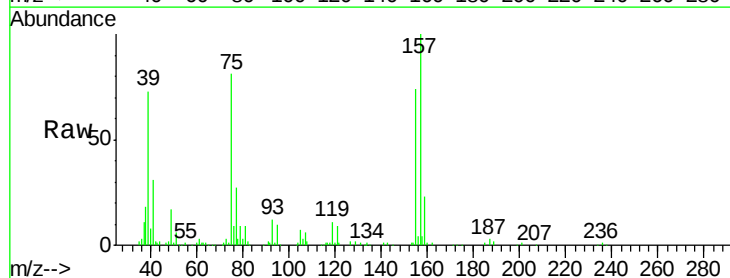
Tgt Ion: 75 Resp: 26768

Ion Ratio Lower Upper

75 100

155 88.1 45.1 135.2

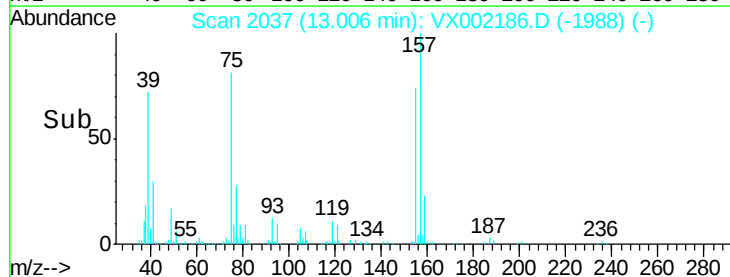
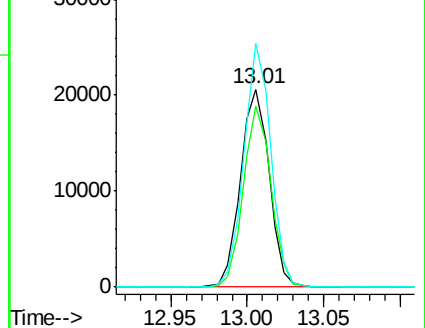
157 115.5 58.1 174.2



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

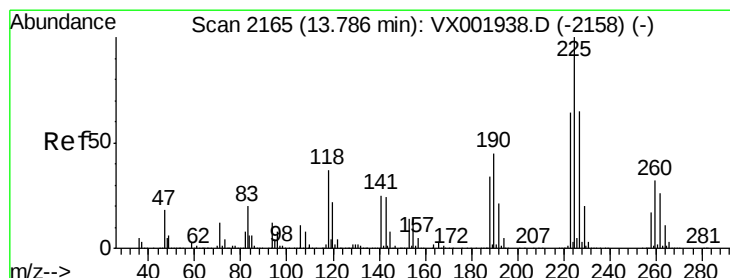
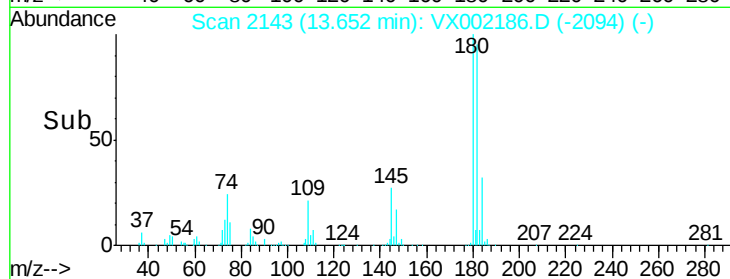
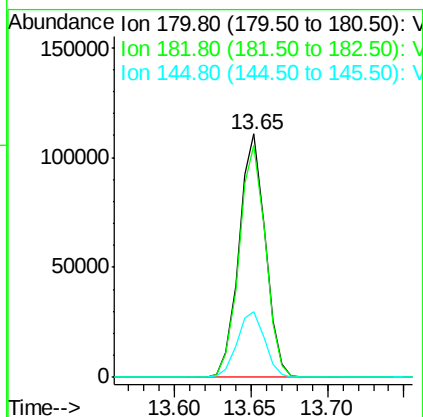
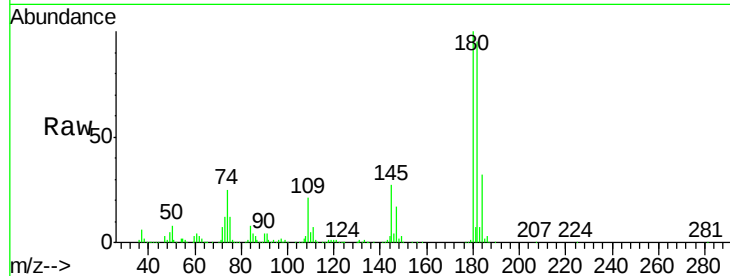




#93
 1,2,4-Trichlorobenzene
 Concen: 19.74 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002186.D
 Acq: 31 May 2018 19:57

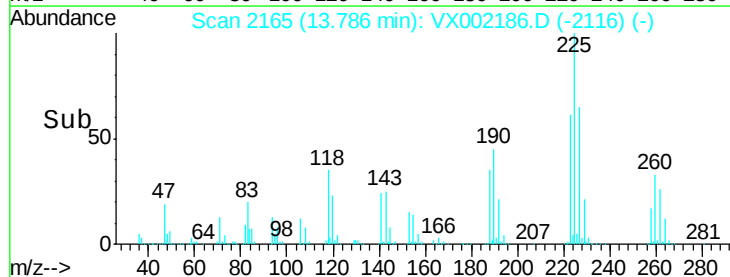
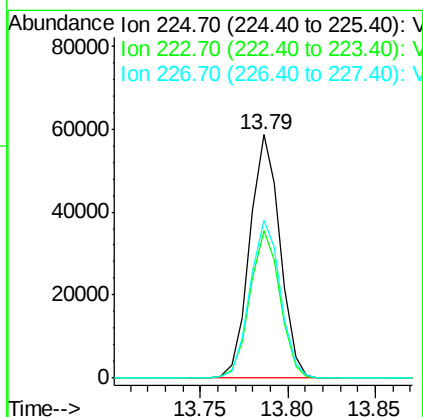
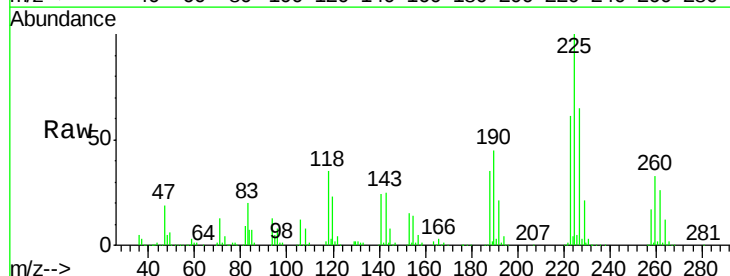
Instrument :
 MSVOA_X
 ClientSampleId :

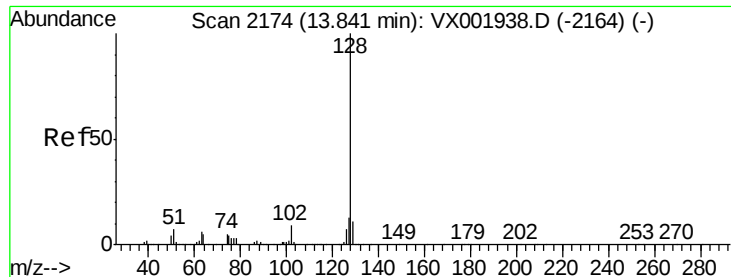
Tot Ion:180 Resp: 131382
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.7 143.1
 145 28.1 14.4 43.0



#94
 Hexachlorobutadiene
 Concen: 19.59 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002186.D
 Acq: 31 May 2018 19:57

Tgt Ion:225 Resp: 70123
 Ion Ratio Lower Upper
 225 100
 223 60.4 31.1 93.5
 227 65.3 32.1 96.5





#95

Naphthalene

Concen: 20.03 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

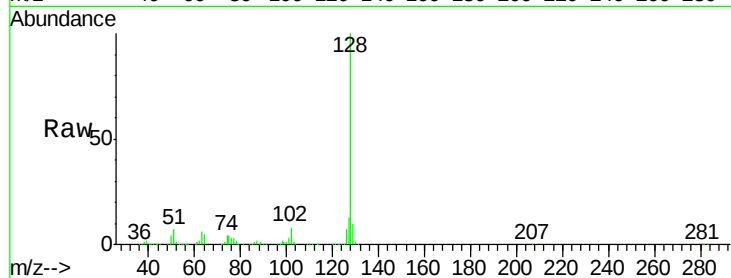
Tot Ion:128 Resp: 410682

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

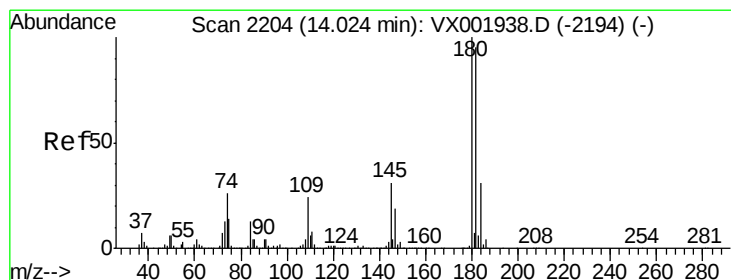
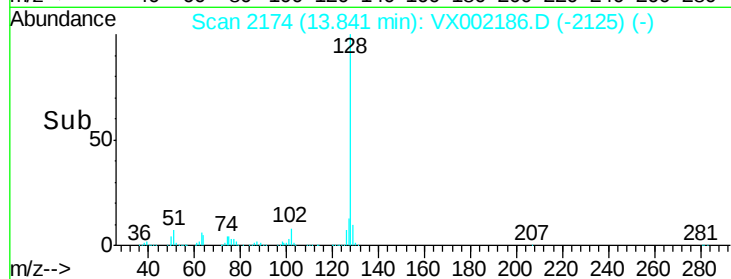
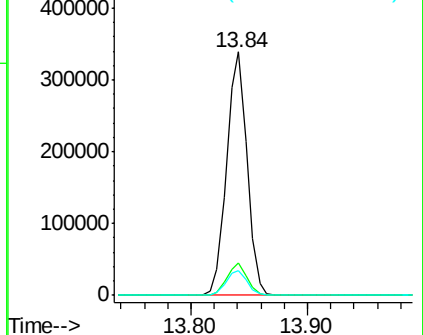
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.02 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002186.D

Acq: 31 May 2018 19:57

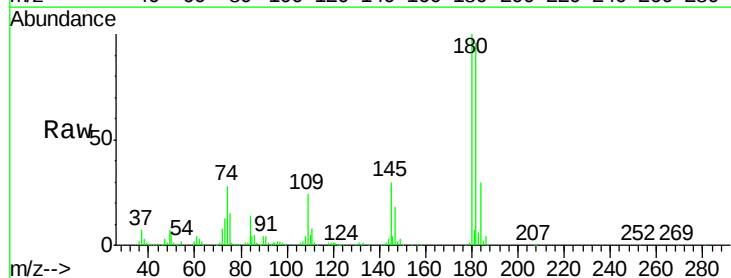
Tgt Ion:180 Resp: 137853

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.6

145 30.0 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

