

Data File : VX001990.D

Acq On : 25 May 2018 21:30

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 26 00:47:44 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	271766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384420	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	248204	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	238684	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
35) Dibromofluoromethane	5.51	113	185432	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
50) Toluene-d8	8.72	98	686318	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.14	95	271254	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	168828	49.62	ug/l	98
3) Chloromethane	1.32	50	200433	47.93	ug/l	100
4) Vinyl Chloride	1.41	62	201104	49.81	ug/l	98
5) Bromomethane	1.64	94	71494	38.24	ug/l	98
6) Chloroethane	1.72	64	125620	52.78	ug/l	98
7) Trichlorofluoromethane	1.93	101	320982	52.94	ug/l	100
8) Diethyl Ether	2.19	74	120557	54.80	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	176158	52.07	ug/l	99
10) Methyl Iodide	2.51	142	152326	33.27	ug/l	99
11) Tert butyl alcohol	3.09	59	258583	271.18	ug/l	99
12) 1,1-Dichloroethene	2.37	96	165675	52.30	ug/l	99
13) Acrolein	2.30	56	84983	206.13	ug/l	99
14) Allyl chloride	2.73	41	349326	52.54	ug/l	99
15) Acrylonitrile	3.16	53	517766	264.05	ug/l	100
16) Acetone	2.45	43	482983	257.62	ug/l	99
17) Carbon Disulfide	2.57	76	469100	51.46	ug/l	99
18) Methyl Acetate	2.78	43	264679	58.81	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	642915	53.96	ug/l	99
20) Methylene Chloride	2.86	84	185486	57.39	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	174865	56.92	ug/l	99
22) Diisopropyl ether	3.88	45	695635	51.43	ug/l	99
23) Vinyl Acetate	3.83	43	3026207	269.87	ug/l	98
24) 1,1-Dichloroethane	3.70	63	348593	54.26	ug/l	100
25) 2-Butanone	4.72	43	817725	237.98	ug/l	99
26) 2,2-Dichloropropane	4.59	77	250675	38.55	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	199976	48.41	ug/l	95
28) Bromochloromethane	5.03	49	150338	55.93	ug/l	100
29) Tetrahydrofuran	5.17	42	536974	240.19	ug/l	100
30) Chloroform	5.22	83	352280	48.67	ug/l	99
31) Cyclohexane	5.58	56	315419	47.12	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	324942	48.15	ug/l	100
36) 1,1-Dichloropropene	5.81	75	255834	47.85	ug/l	100
37) Ethyl Acetate	4.87	43	323322	46.38	ug/l	99
38) Carbon Tetrachloride	5.79	117	293293	47.04	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 26 00:47:44 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	309887	47.17	ug/l	98
40) Benzene	6.15	78	775325	49.49	ug/l	100
41) Methacrylonitrile	5.07	41	184738	50.22	ug/l	99
42) 1,2-Dichloroethane	6.21	62	301494	48.18	ug/l	100
43) Isopropyl Acetate	6.48	43	568254	48.92	ug/l	99
44) Trichloroethene	7.22	130	217745	47.70	ug/l	99
45) 1,2-Dichloropropane	7.52	63	211950	49.82	ug/l	97
46) Dibromomethane	7.67	93	138192	49.06	ug/l	100
47) Bromodichloromethane	7.91	83	283586	47.22	ug/l	100
48) Methyl methacrylate	7.79	41	284483	48.12	ug/l	99
49) 1,4-Dioxane	7.76	88	102972	988.44	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1729001	246.93	ug/l	99
52) Toluene	8.79	92	489309	49.08	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	329446	47.63	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	316477	46.95	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	202981	48.74	ug/l	98
56) Ethyl methacrylate	9.19	69	342358	47.79	ug/l	99
57) 1,3-Dichloropropane	9.38	76	337199	49.15	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	798768	251.57	ug/l	99
59) 2-Hexanone	9.51	43	1322513	244.96	ug/l	99
60) Dibromochloromethane	9.59	129	240734	48.80	ug/l	100
61) 1,2-Dibromoethane	9.68	107	215405	49.29	ug/l	100
64) Tetrachloroethene	9.34	164	250058	47.99	ug/l	99
65) Chlorobenzene	10.15	112	550753	47.83	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	222254	47.80	ug/l	98
67) Ethyl Benzene	10.26	91	960822	48.03	ug/l	99
68) m/p-Xylenes	10.37	106	736473	96.30	ug/l	100
69) o-Xylene	10.71	106	368076	48.20	ug/l	99
70) Styrene	10.72	104	614661	48.54	ug/l	100
71) Bromoform	10.87	173	204839	46.46	ug/l #	100
73) Isopropylbenzene	11.02	105	987448	46.98	ug/l	99
74) N-amyl acetate	6.48	43	568254	52.26	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	296617	51.64	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	372482	62.48	ug/l	77
77) Bromobenzene	11.26	156	263943	47.33	ug/l	99
78) n-propylbenzene	11.37	91	1117095	47.45	ug/l	99
79) 2-Chlorotoluene	11.43	91	667664	51.79	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	841077	46.83	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	95635	38.55	ug/l	97
82) 4-Chlorotoluene	11.52	91	783731	47.20	ug/l	100
83) tert-Butylbenzene	11.77	119	817044	46.35	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	871216	46.94	ug/l	100
85) sec-Butylbenzene	11.95	105	1000314	47.21	ug/l	99
86) p-Isopropyltoluene	12.07	119	897631	47.34	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	468238	46.89	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	472739	47.35	ug/l	100
89) n-Butylbenzene	12.39	91	769190	47.88	ug/l	100
90) Hexachloroethane	12.60	117	166290	44.46	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	485670	47.73	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	84051	44.98	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052518\
Quantitation Report (Not Reviewed)

Data File : VX001990.D
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Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 26 00:47:44 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

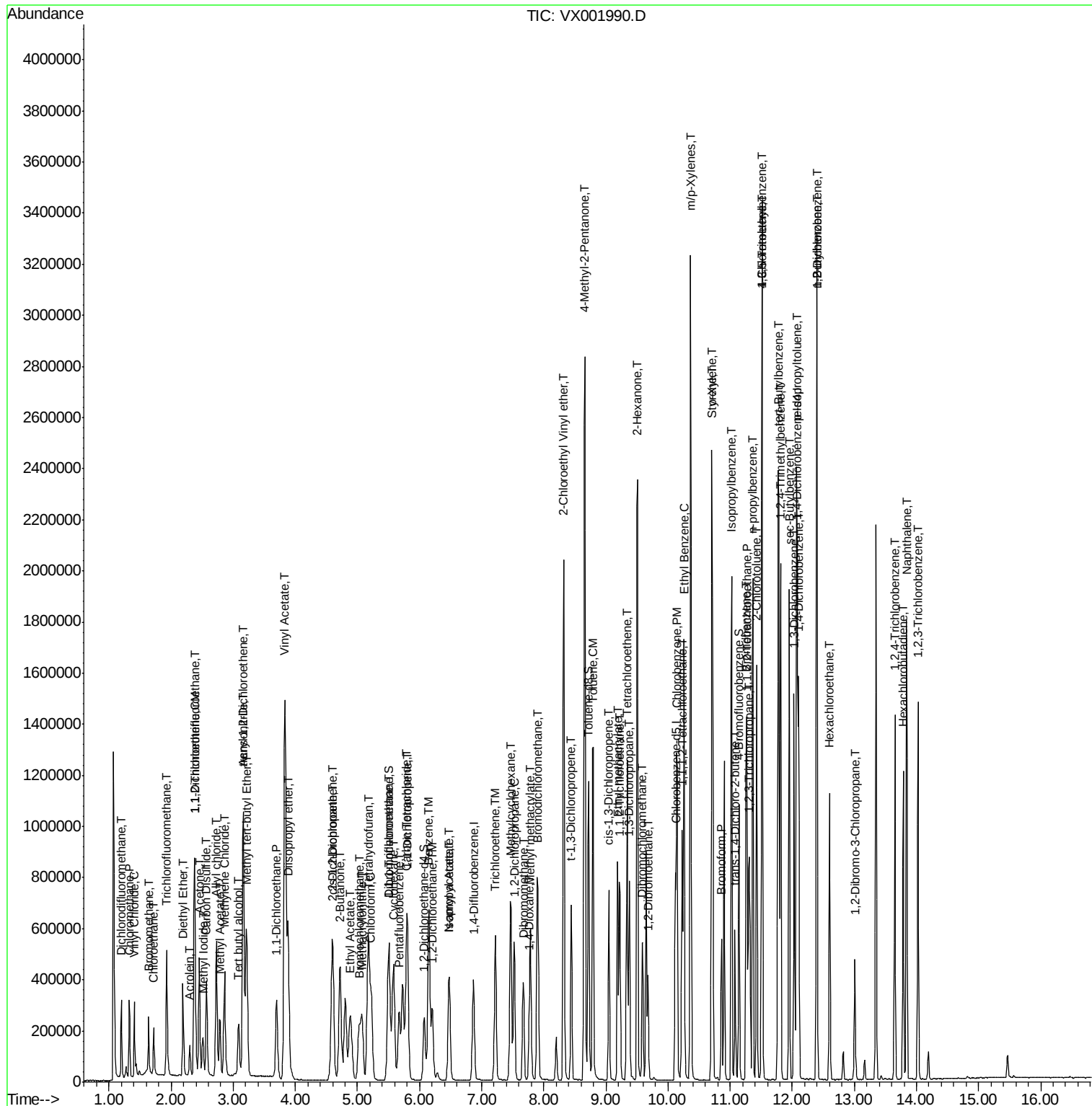
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	349824	48.08	ug/l	100
94) Hexachlorobutadiene	13.79	225	183879	46.98	ug/l	99
95) Naphthalene	13.84	128	1072881	47.86	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	361545	48.02	ug/l	100

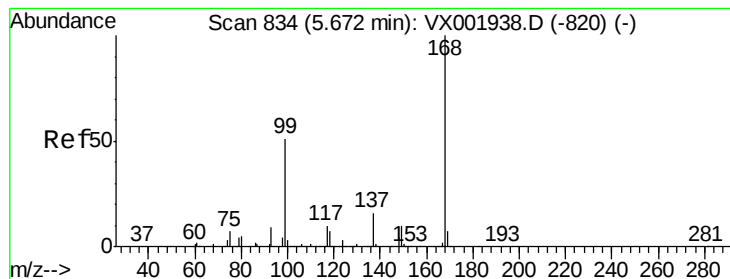
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 26 Sample Multiplier: 1

VSTDC050

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

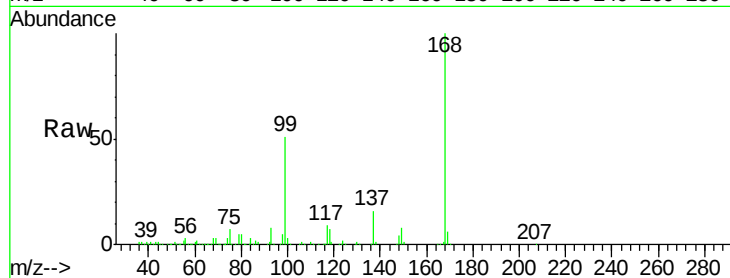
VSTDCCC050

Tgt Ion:168 Resp: 271766

Ion Ratio Lower Upper

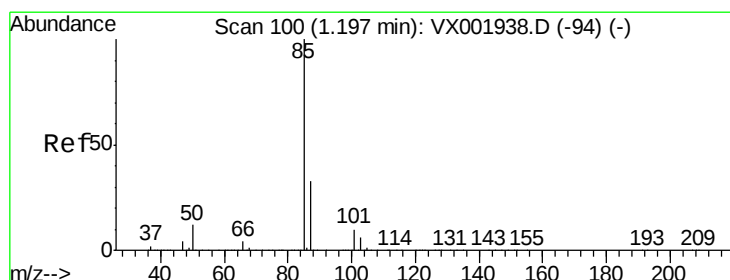
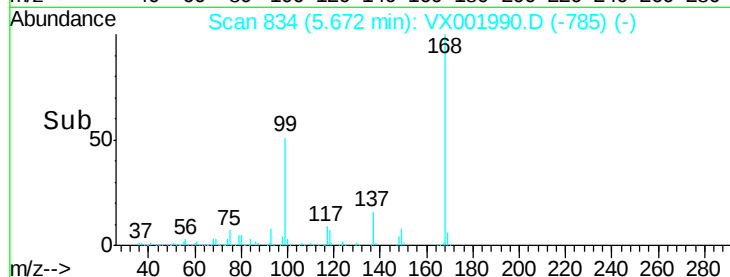
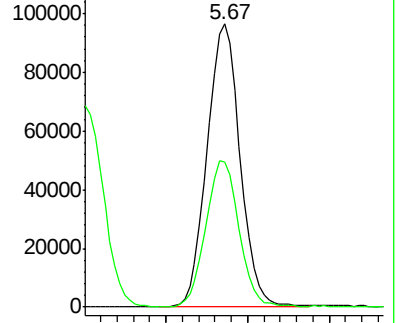
168 100

99 50.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.62 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001990.D

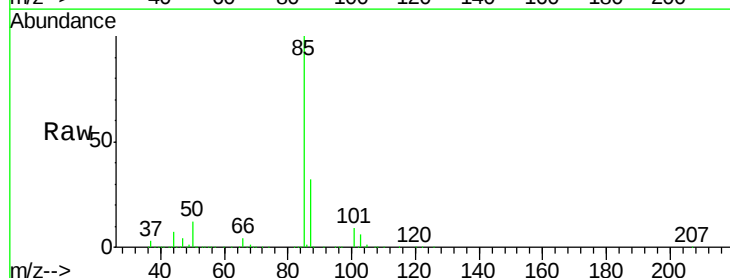
Acq: 25 May 2018 21:30

Tgt Ion: 85 Resp: 168828

Ion Ratio Lower Upper

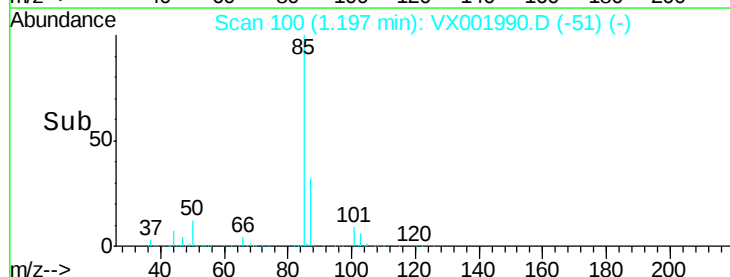
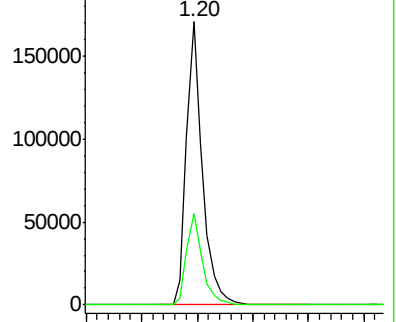
85 100

87 32.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.93 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

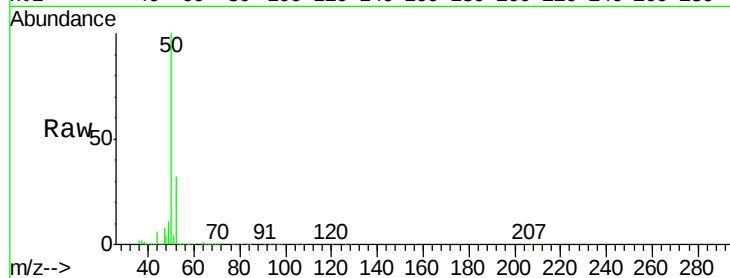
VSTDCCC050

Tgt Ion: 50 Resp: 200433

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

200000

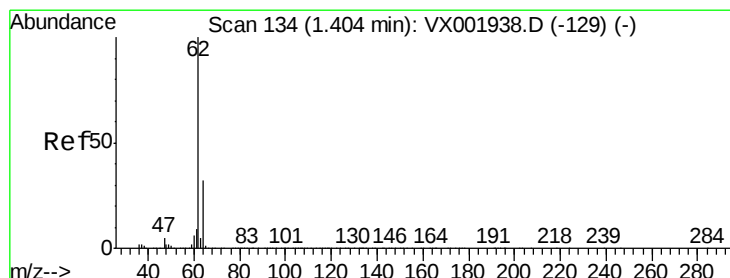
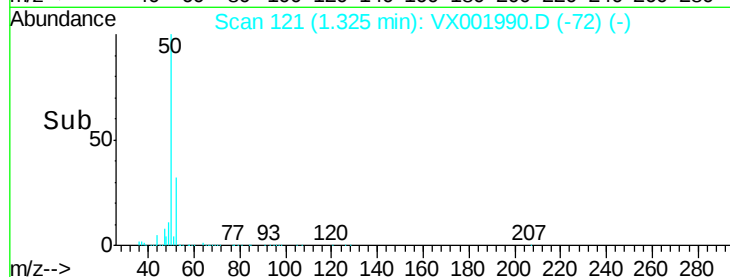
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 49.81 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001990.D

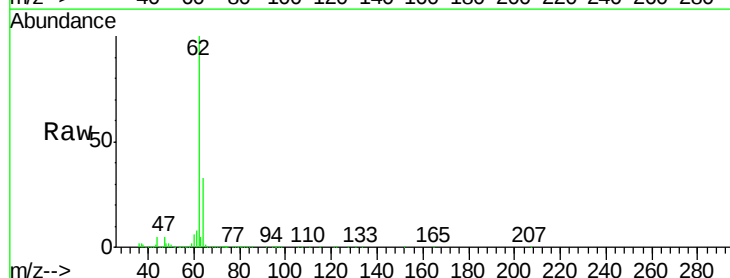
Acq: 25 May 2018 21:30

Tgt Ion: 62 Resp: 201104

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

200000

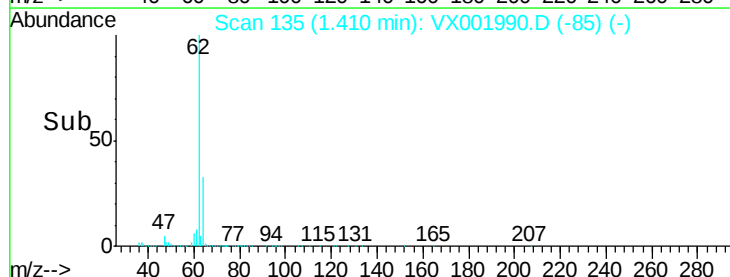
150000

100000

50000

0

Time-->





#5

Bromomethane

Concen: 38.24 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

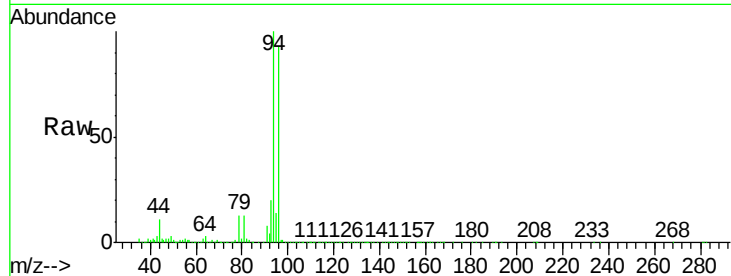
VSTDCCC050

Tgt Ion: 94 Resp: 71494

Ion Ratio Lower Upper

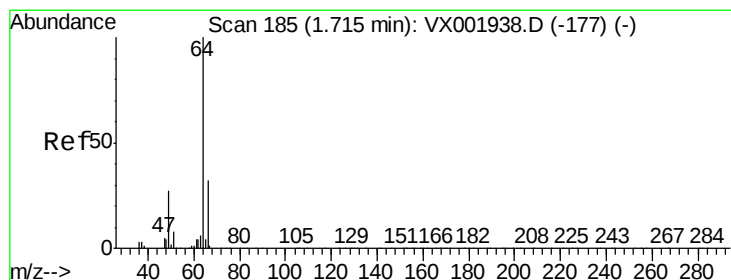
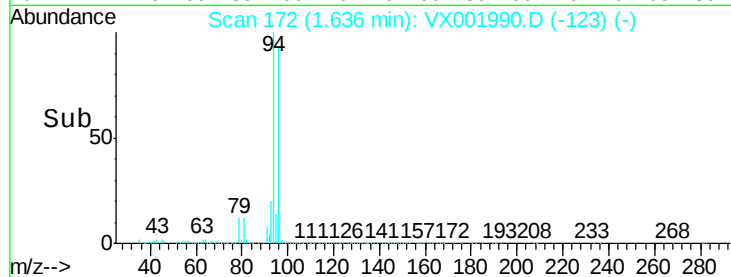
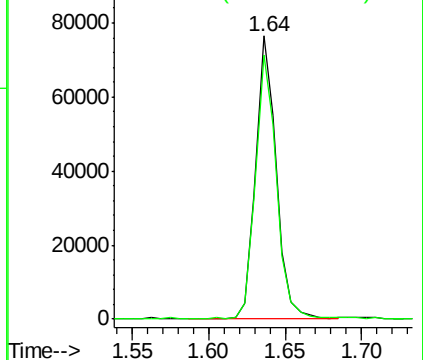
94 100

96 93.0 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.78 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001990.D

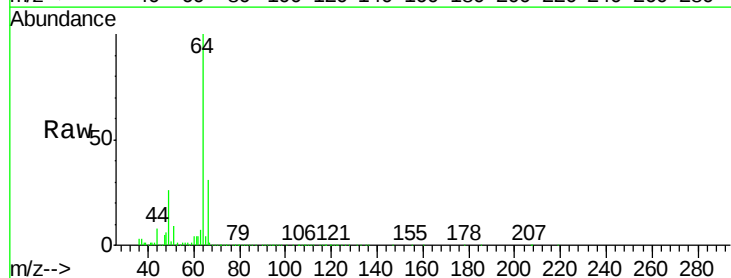
Acq: 25 May 2018 21:30

Tgt Ion: 64 Resp: 125620

Ion Ratio Lower Upper

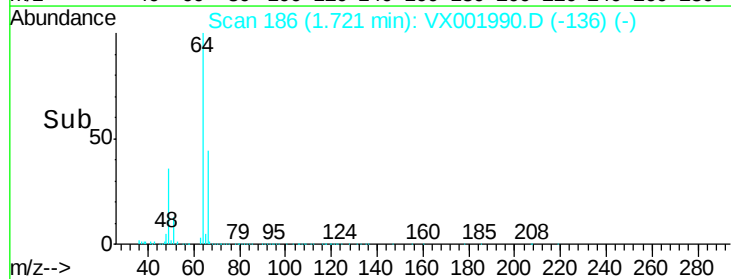
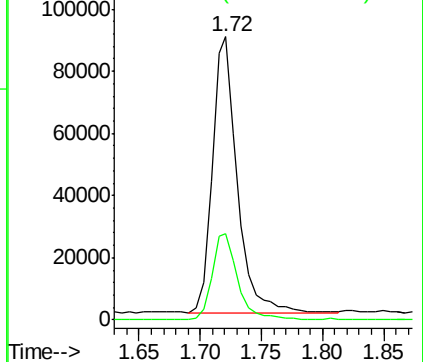
64 100

66 31.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



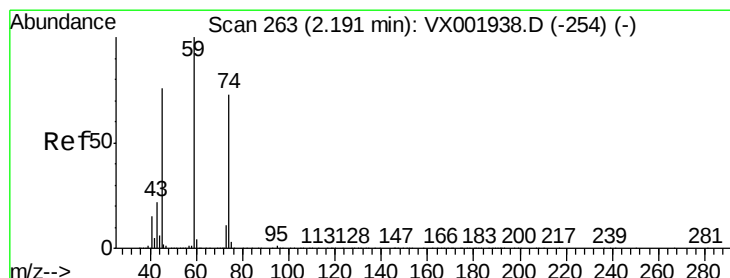
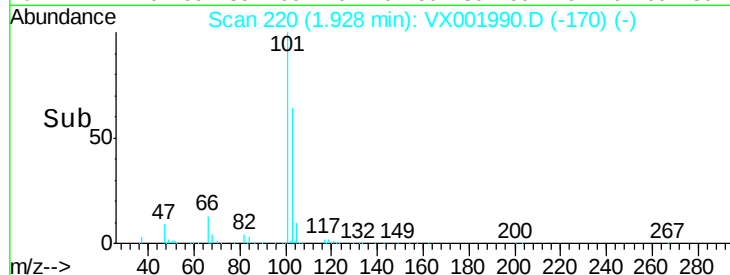
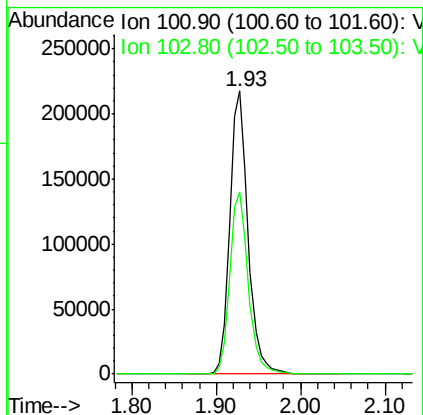
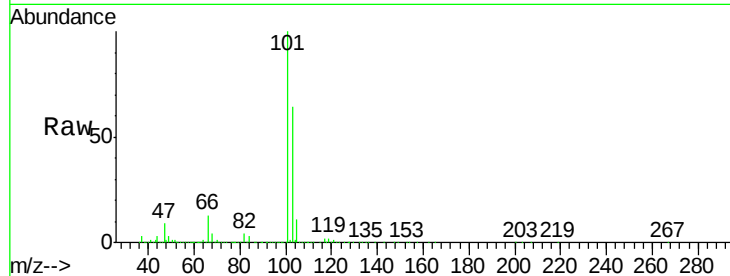


#7

Trichlorofluoromethane
Concen: 52.94 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

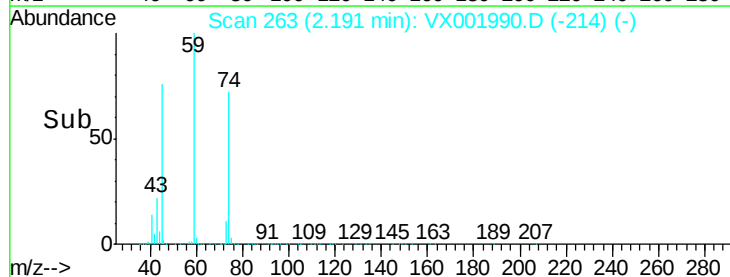
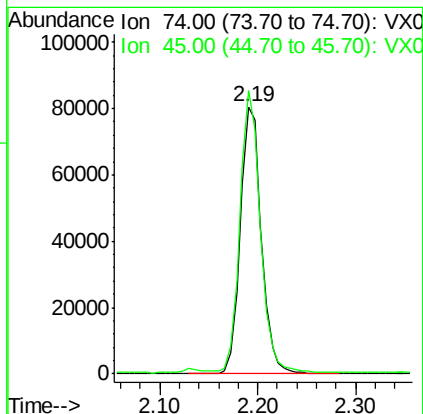
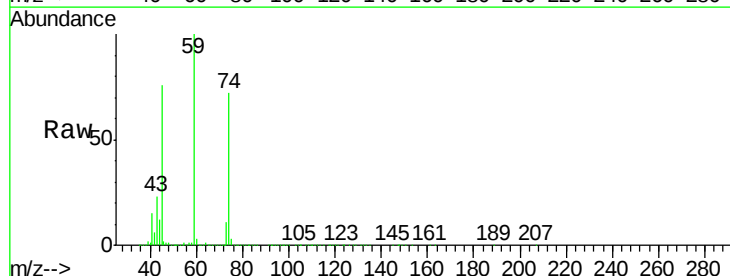
Tgt Ion:101 Resp: 320982
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0



#8

Diethyl Ether
Concen: 54.80 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion: 74 Resp: 120557
Ion Ratio Lower Upper
74 100
45 102.1 51.5 154.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.07 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

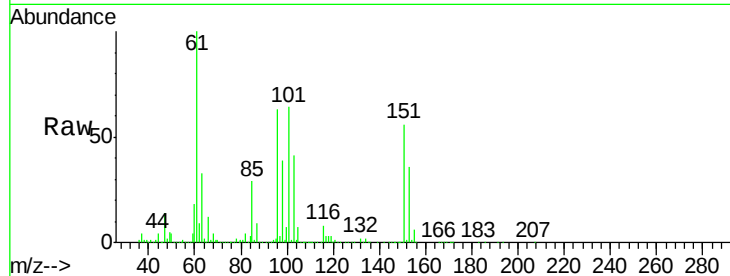
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

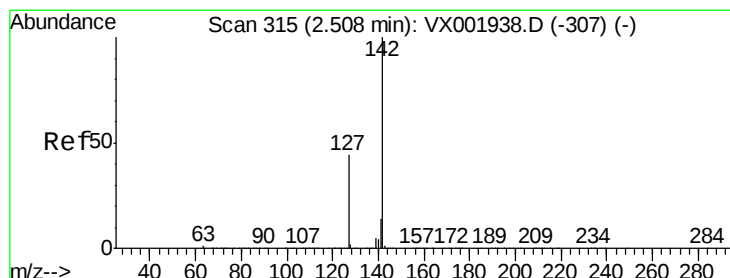
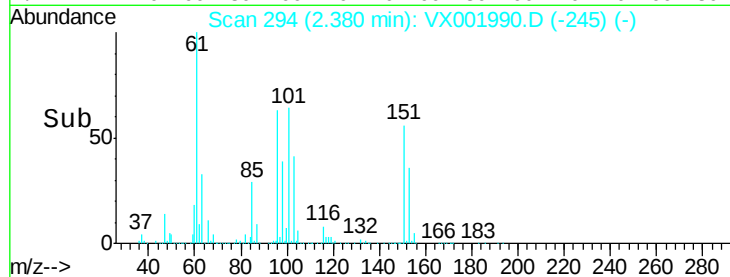
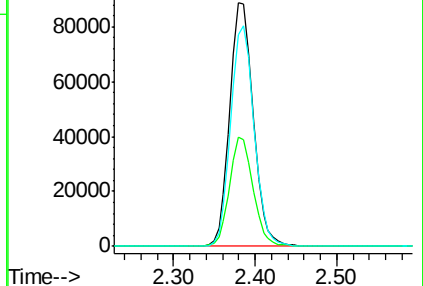
Tgt Ion:	101	Resp:	176158
Ion	Ratio	Lower	Upper
101	100		
85	44.3	35.6	53.4
151	90.0	73.2	109.8



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: 33.27 ug/l

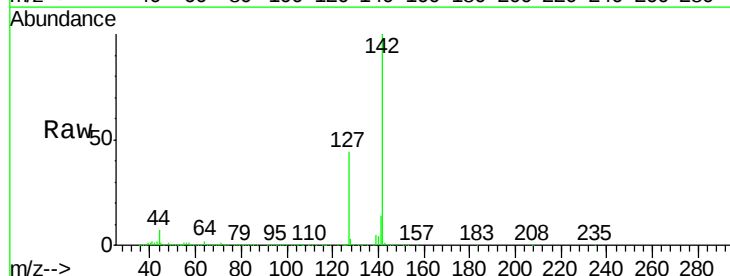
RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

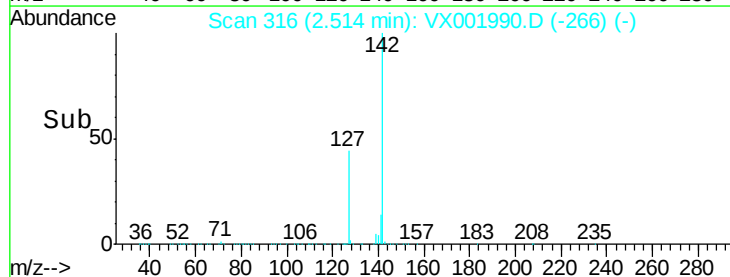
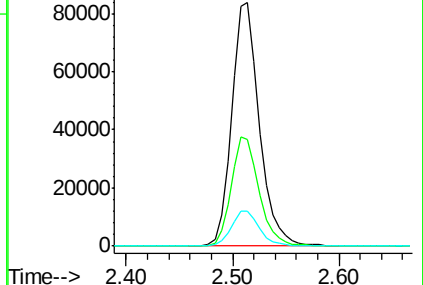
Tgt Ion:	142	Resp:	152326
Ion	Ratio	Lower	Upper
142	100		
127	45.3	35.5	53.3
141	14.7	11.3	16.9



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



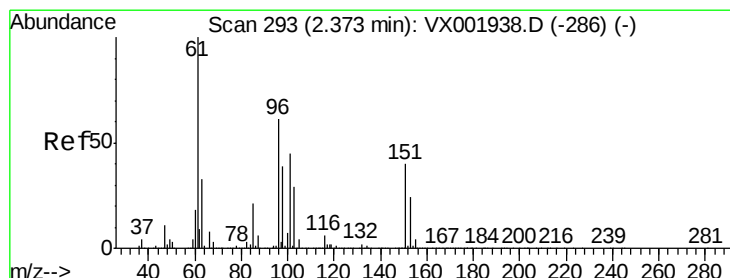
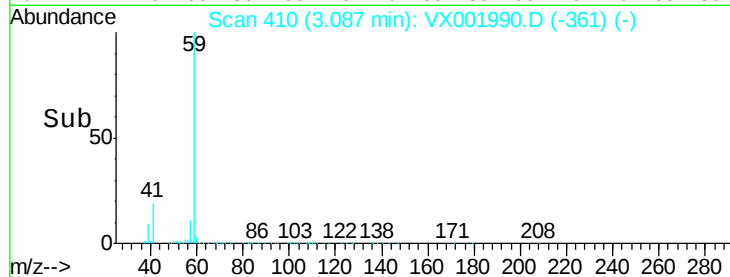
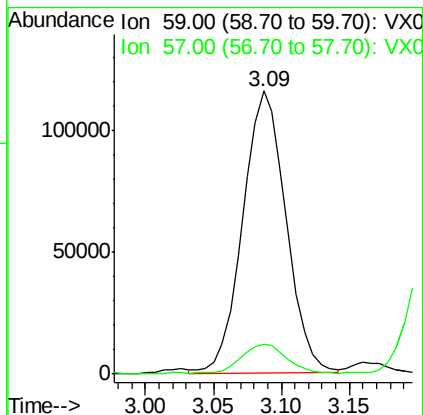
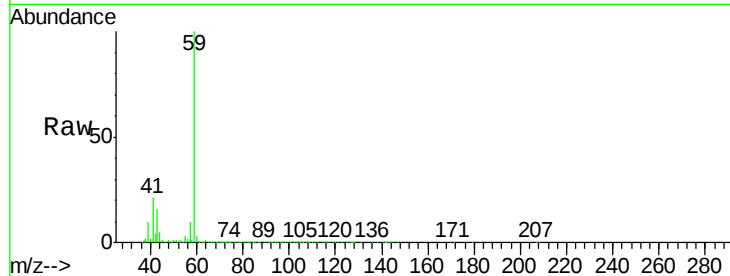


#11

Tert butyl alcohol
 Concen: 271.18 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

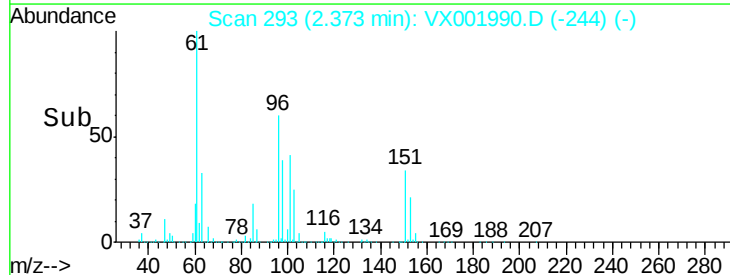
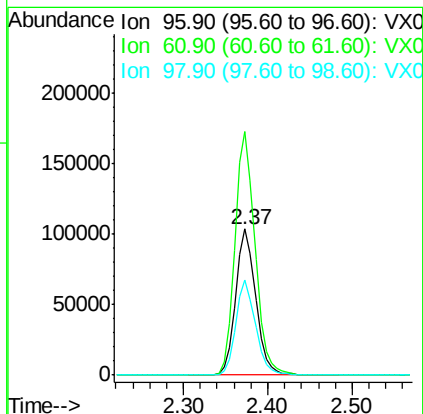
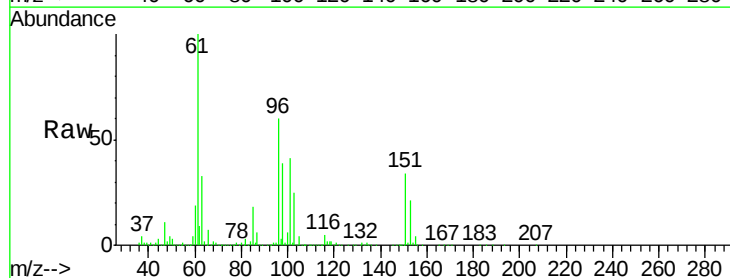
Tgt Ion: 59 Resp: 258583
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.9 13.3



#12

1,1-Dichloroethene
 Concen: 52.30 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Tgt Ion: 96 Resp: 165675
 Ion Ratio Lower Upper
 96 100
 61 167.0 131.7 197.5
 98 64.9 51.6 77.4





#13

Acrolein

Concen: 206.13 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

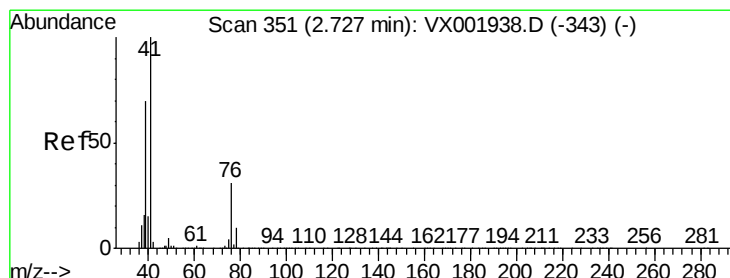
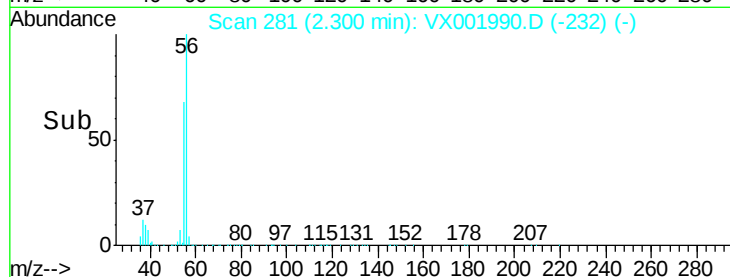
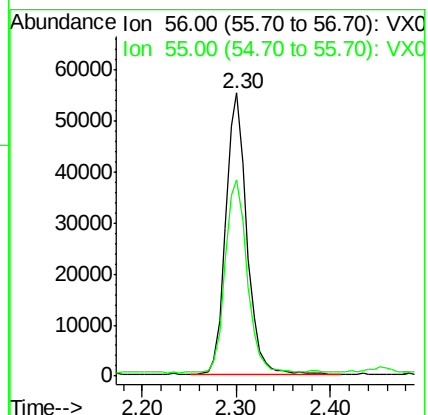
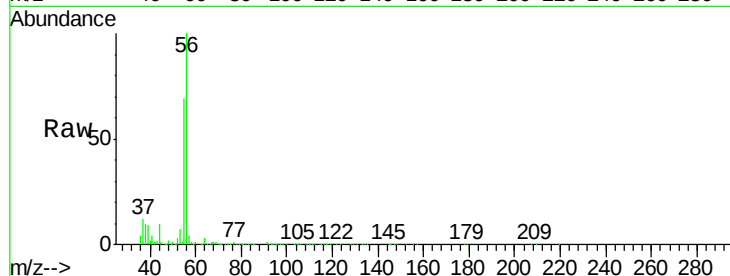
VSTDCCC050

Tgt Ion: 56 Resp: 84983

Ion Ratio Lower Upper

56 100

55 71.7 56.8 85.2



#14

Allyl chloride

Concen: 52.54 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

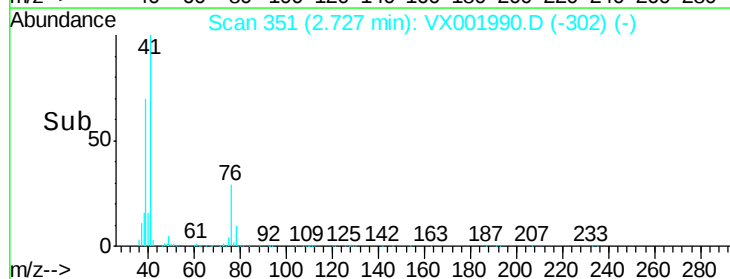
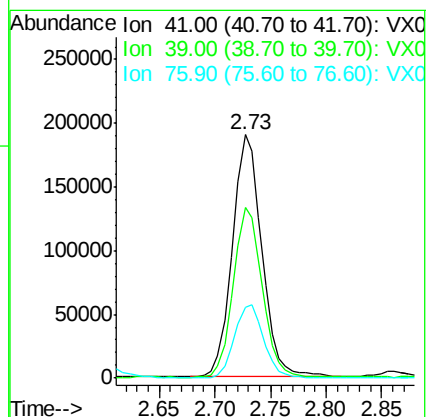
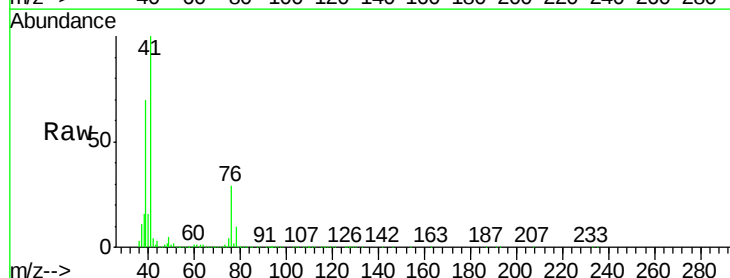
Tgt Ion: 41 Resp: 349326

Ion Ratio Lower Upper

41 100

39 68.6 54.3 81.5

76 30.1 24.2 36.4





#15

Acrylonitrile

Concen: 264.05 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

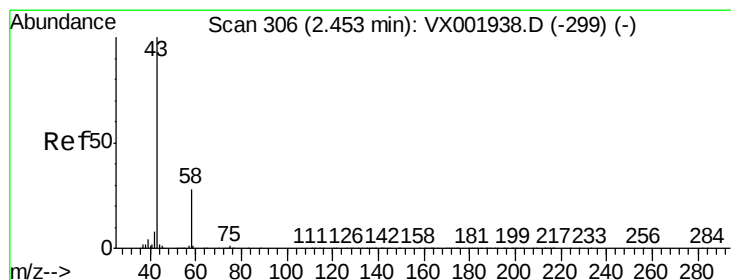
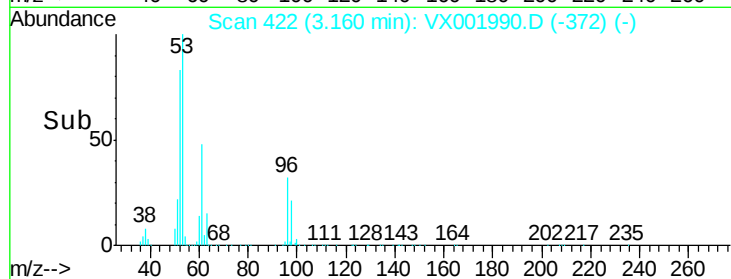
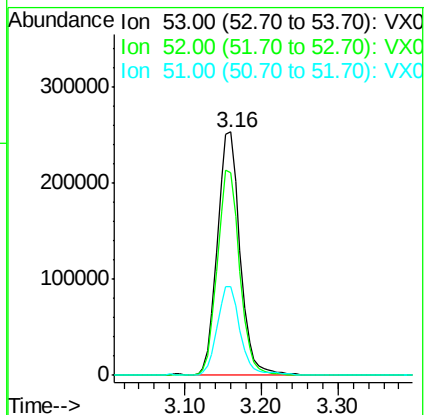
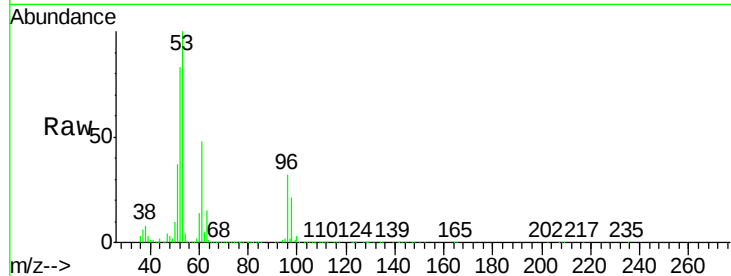
Tgt Ion: 53 Resp: 517766

Ion Ratio Lower Upper

53 100

52 83.3 66.4 99.6

51 37.0 29.3 43.9



#16

Acetone

Concen: 257.62 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001990.D

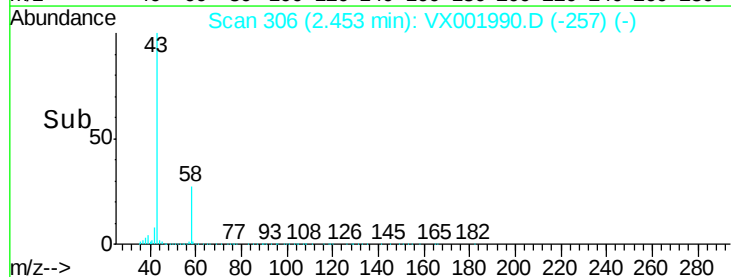
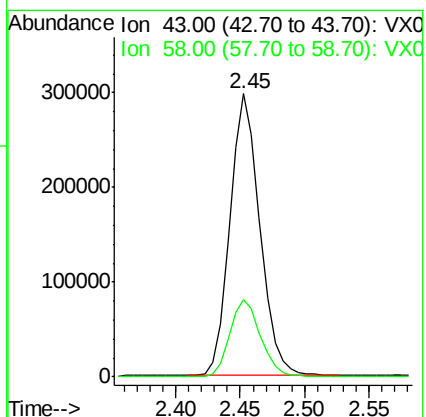
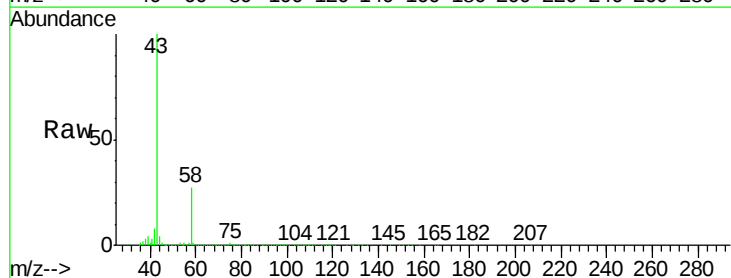
Acq: 25 May 2018 21:30

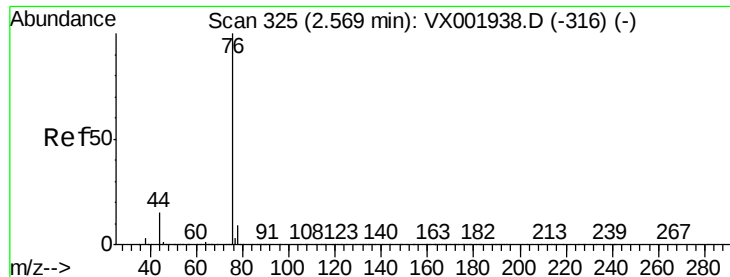
Tgt Ion: 43 Resp: 482983

Ion Ratio Lower Upper

43 100

58 27.3 22.3 33.5

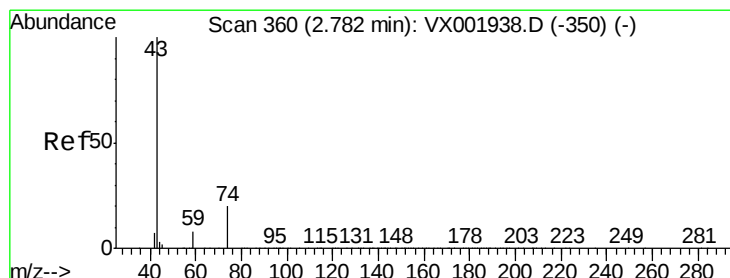
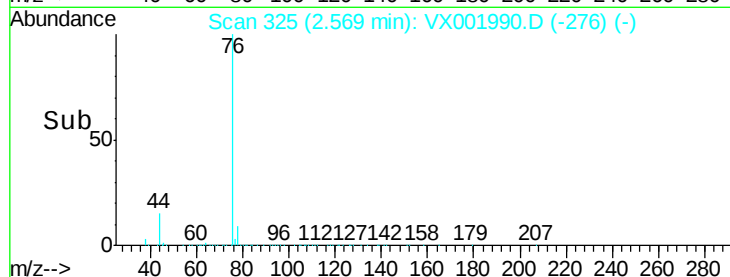
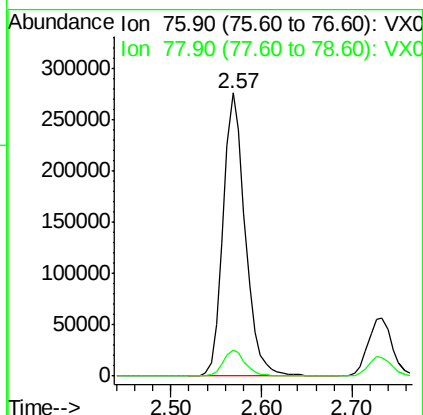
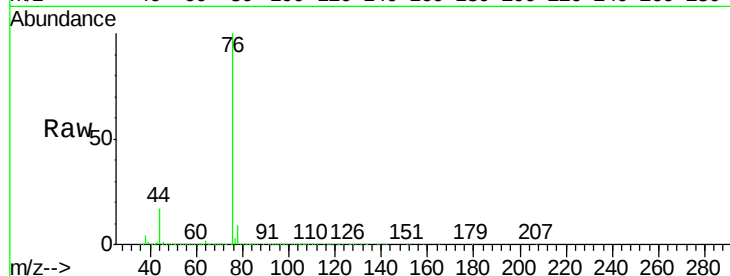




#17
Carbon Disulfide
Concen: 51.46 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

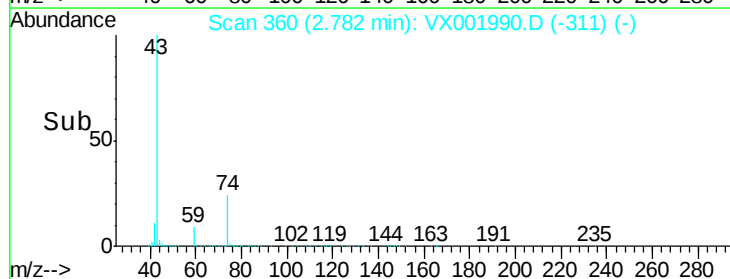
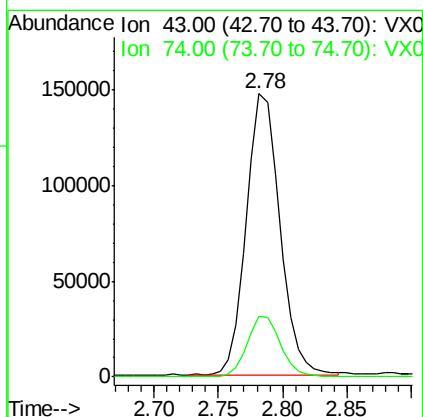
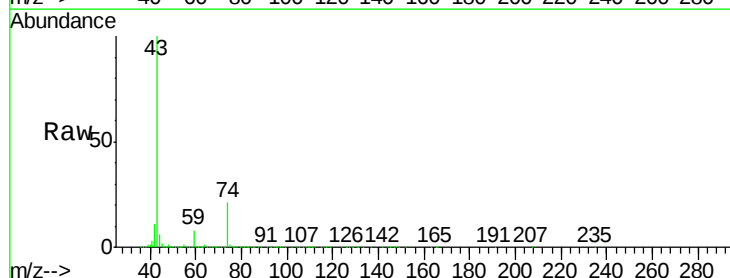
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

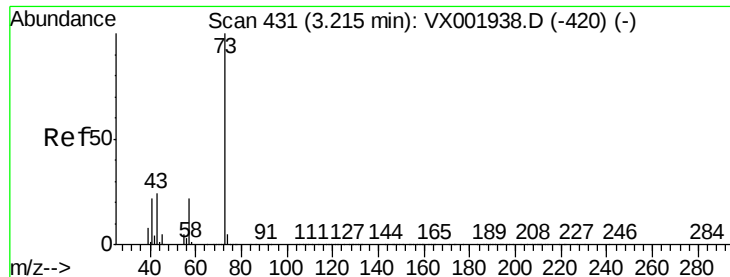
Tgt Ion: 76 Resp: 469100
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 58.81 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion: 43 Resp: 264679
Ion Ratio Lower Upper
43 100
74 21.6 16.8 25.2





#19

Methyl tert-butyl Ether

Concen: 53.96 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

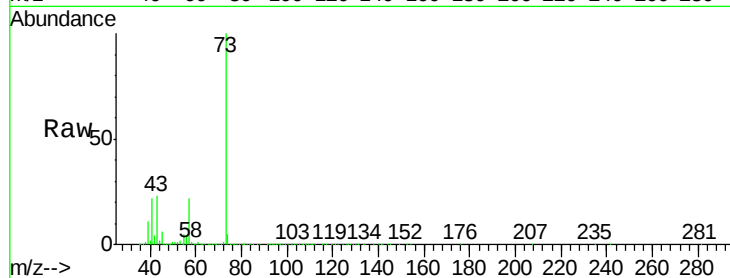
VSTDCCC050

Tgt Ion: 73 Resp: 642915

Ion Ratio Lower Upper

73 100

57 22.0 17.4 26.0



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

250000

200000

150000

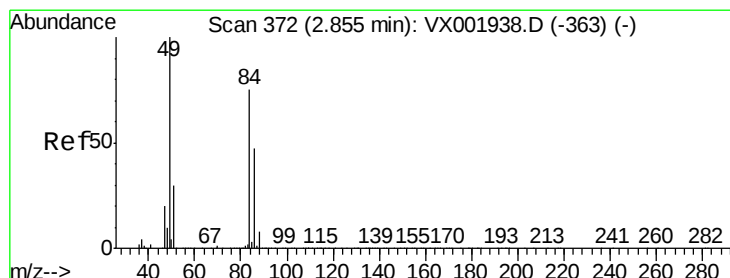
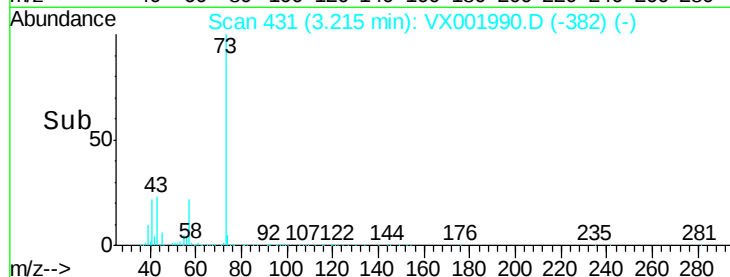
100000

50000

0

Time-->

3.10 3.20 3.30 3.40



#20

Methylene Chloride

Concen: 57.39 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Tgt Ion: 84 Resp: 185486

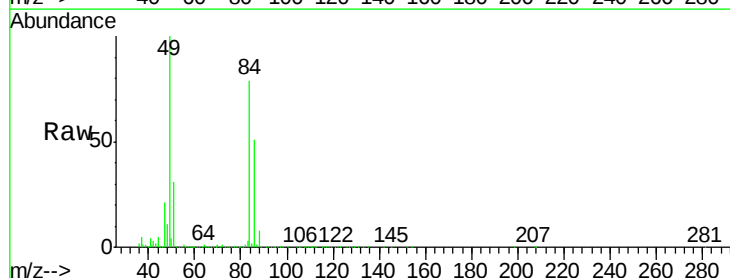
Ion Ratio Lower Upper

84 100

49 127.0 107.2 160.8

51 38.9 32.4 48.6

86 64.9 50.4 75.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

150000

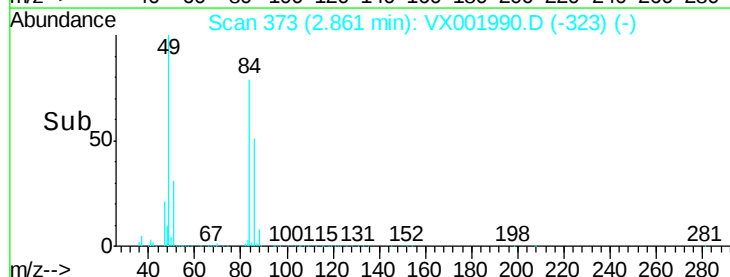
100000

50000

0

Time-->

2.70 2.80 2.90 3.00





#21

trans-1,2-Dichloroethene

Concen: 56.92 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

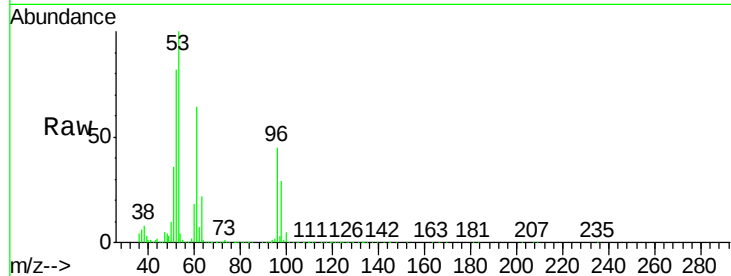
Tgt Ion: 96 Resp: 174865

Ion Ratio Lower Upper

96 100

61 142.7 113.3 169.9

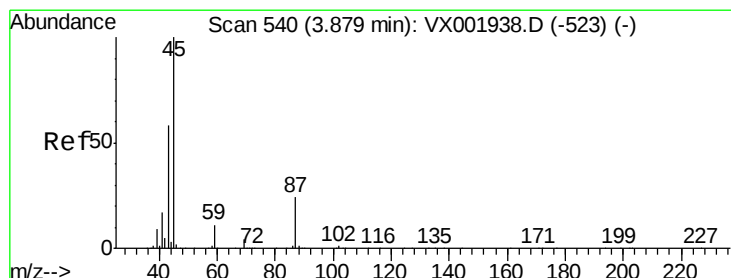
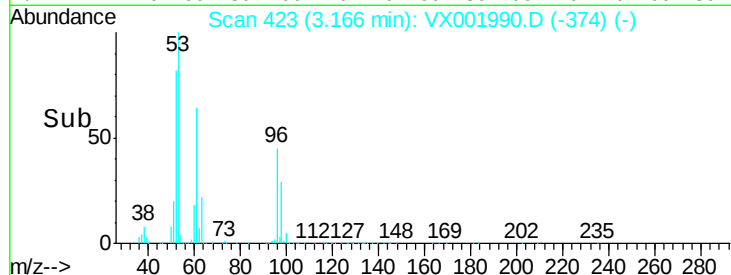
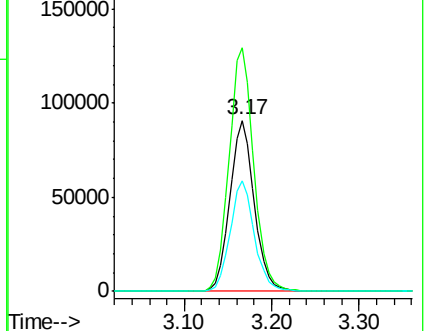
98 64.8 51.7 77.5



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.43 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Tgt Ion: 45 Resp: 695635

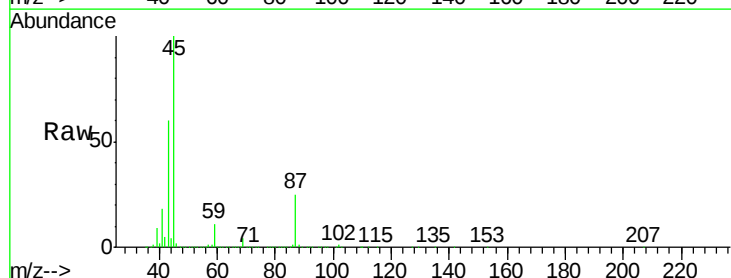
Ion Ratio Lower Upper

45 100

43 59.8 47.0 70.6

87 24.8 19.4 29.0

59 10.8 8.5 12.7

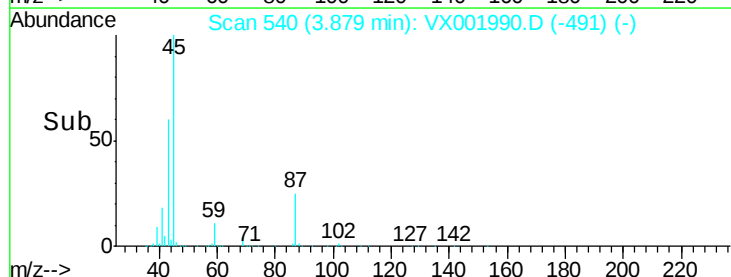
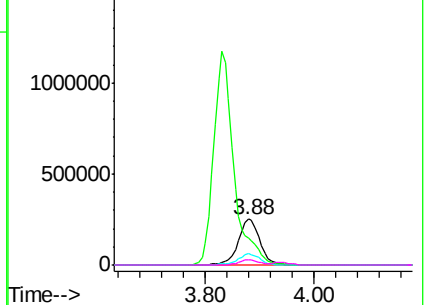


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

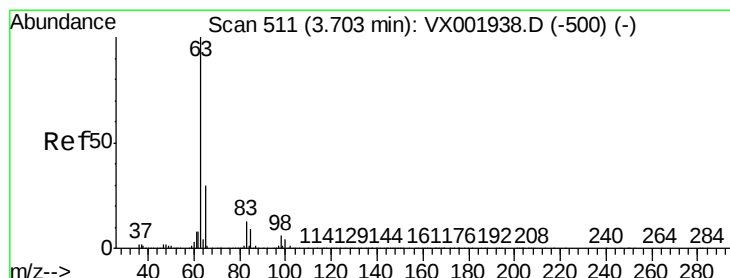
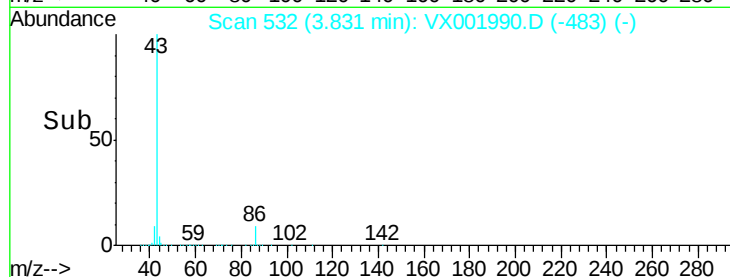
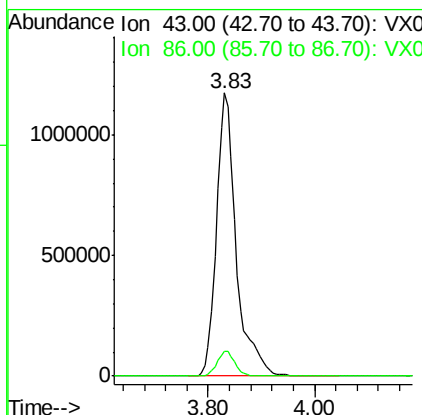
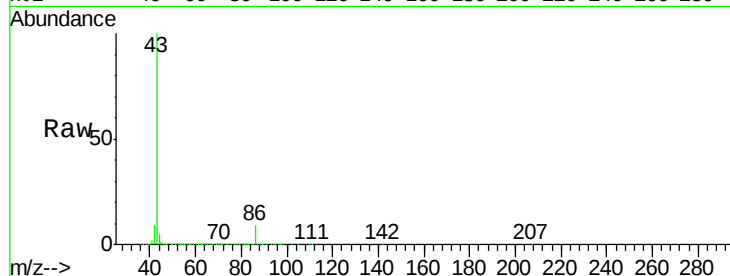




#23
 Vinyl Acetate
 Concen: 269.87 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

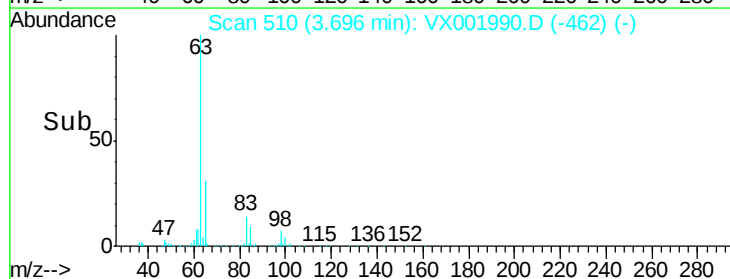
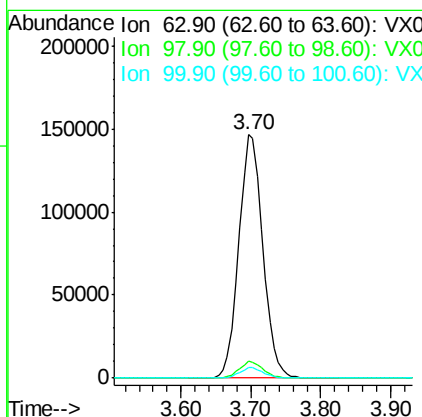
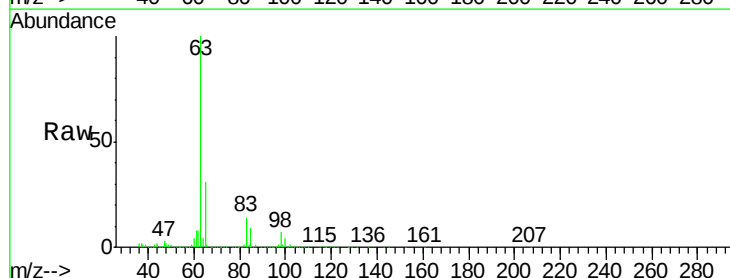
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

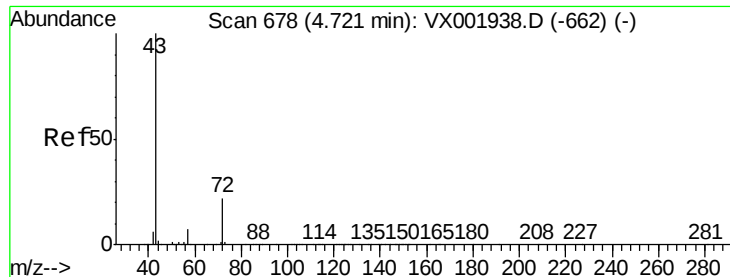
Tgt Ion: 43 Resp: 3026207
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 54.26 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Tgt Ion: 63 Resp: 348593
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 237.98 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

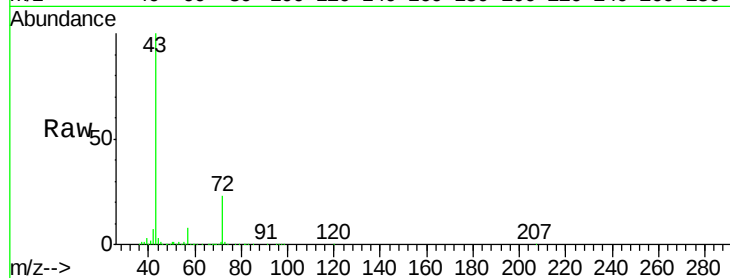
VSTDCCC050

Tgt Ion: 43 Resp: 817725

Ion Ratio Lower Upper

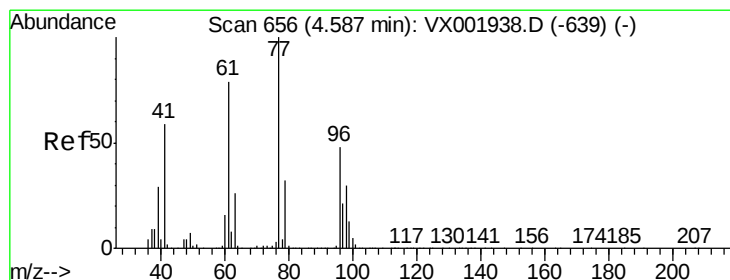
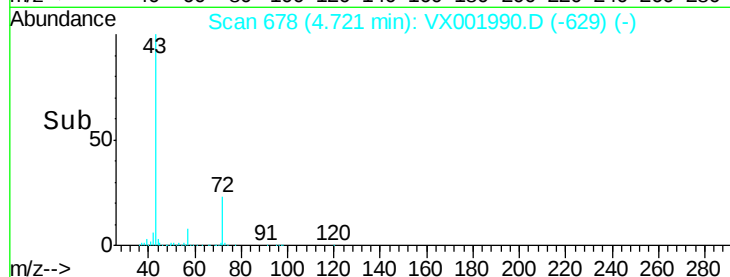
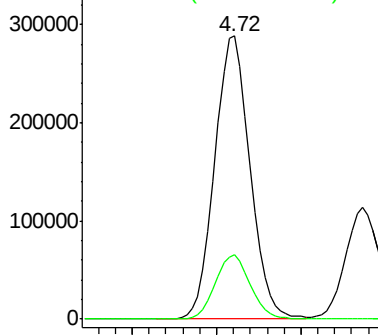
43 100

72 22.8 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 38.55 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001990.D

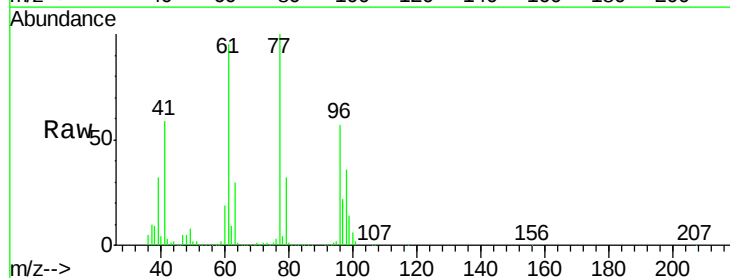
Acq: 25 May 2018 21:30

Tgt Ion: 77 Resp: 250675

Ion Ratio Lower Upper

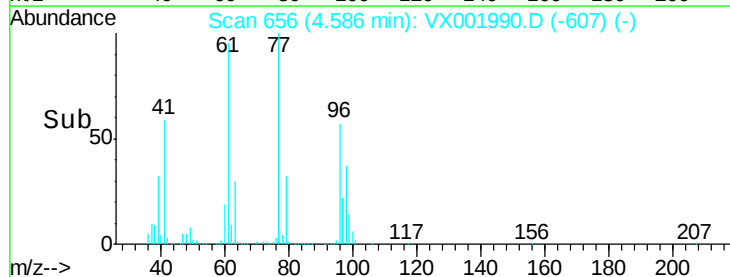
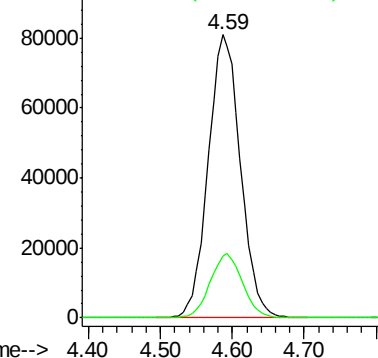
77 100

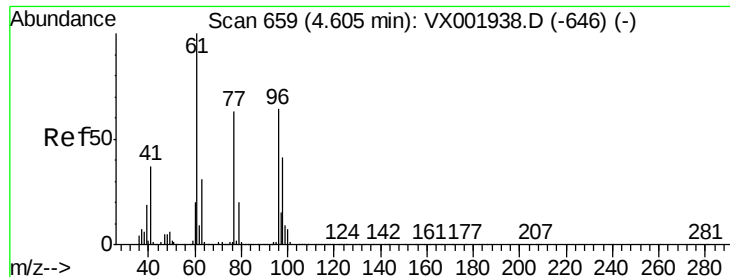
97 22.9 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 48.41 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

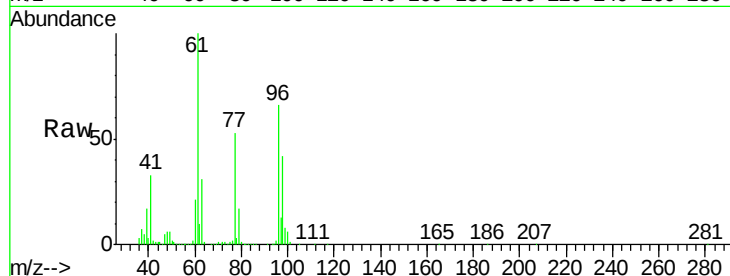
Tgt Ion: 96 Resp: 199976

Ion Ratio Lower Upper

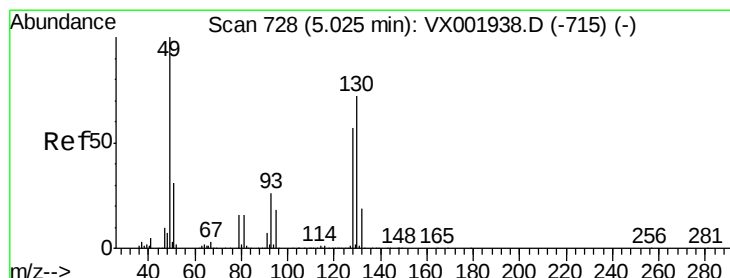
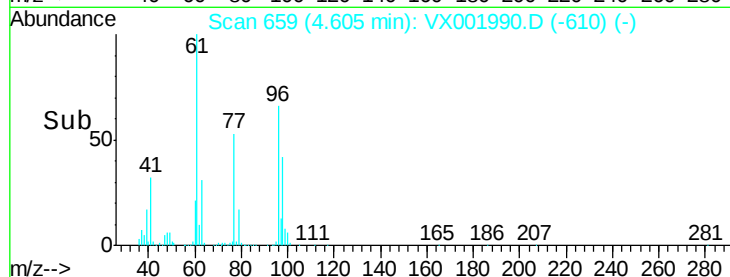
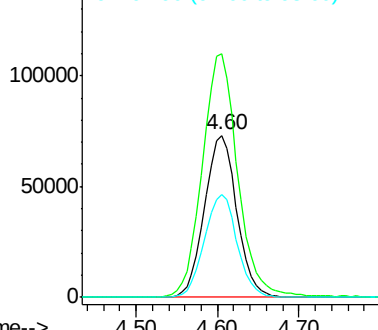
96 100

61 165.9 0.0 348.4

98 64.8 0.0 128.6



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



#28

Bromochloromethane

Concen: 55.93 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

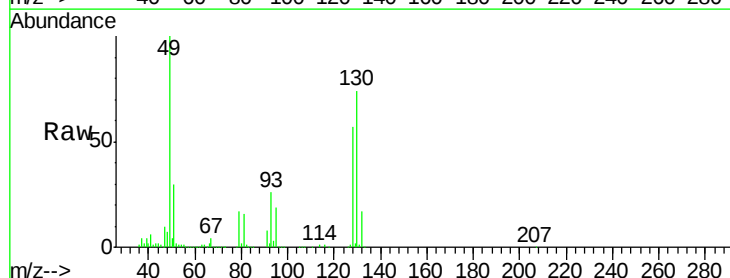
Tgt Ion: 49 Resp: 150338

Ion Ratio Lower Upper

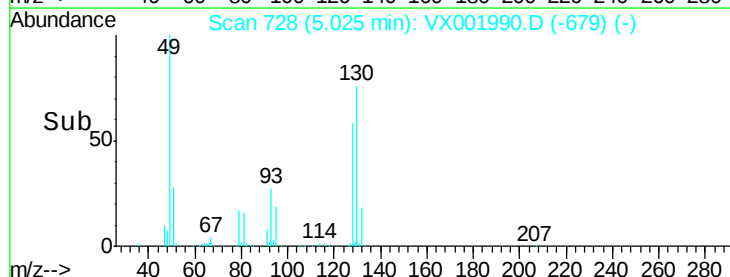
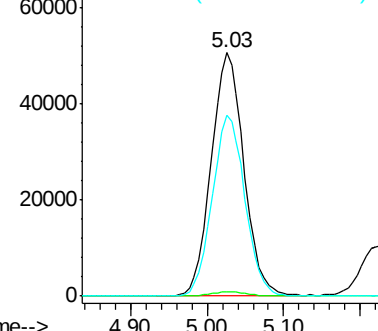
49 100

129 2.0 0.0 3.8

130 73.9 59.4 89.2



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 240.19 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

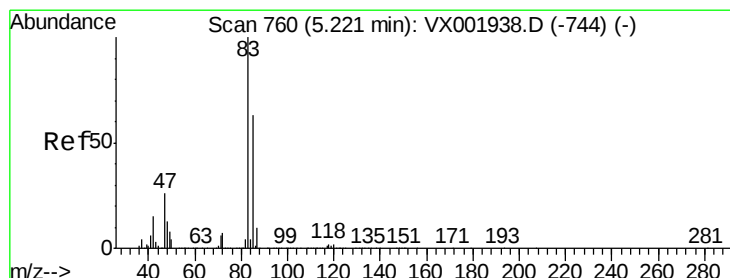
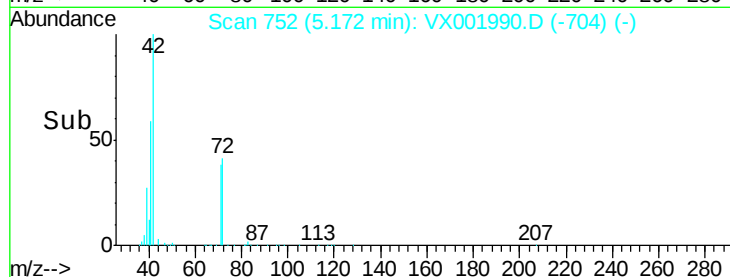
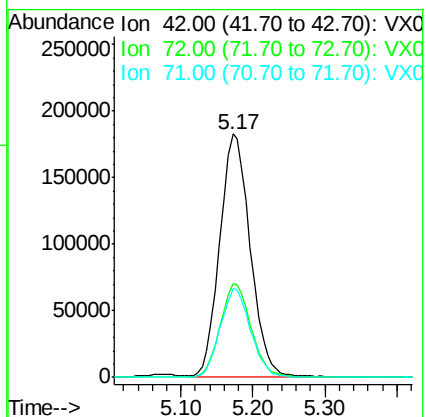
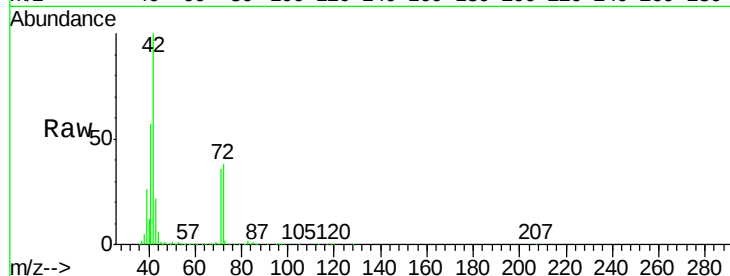
Tgt Ion: 42 Resp: 536974

Ion Ratio Lower Upper

42 100

72 39.2 31.4 47.0

71 36.4 29.5 44.3



#30

Chloroform

Concen: 48.67 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001990.D

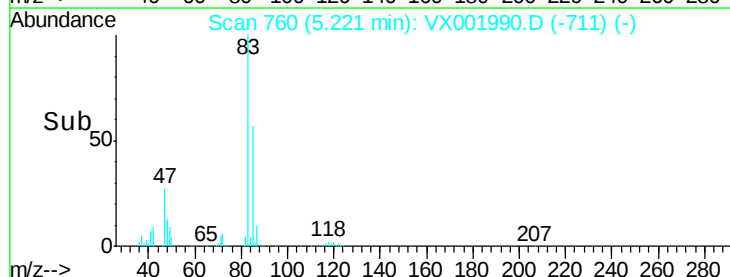
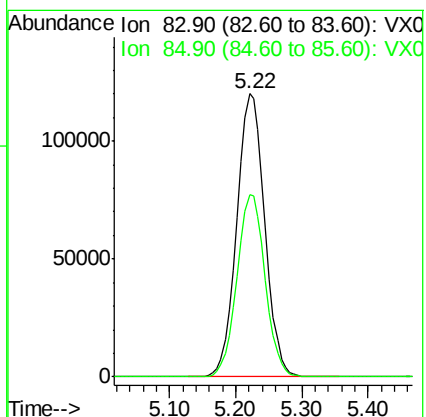
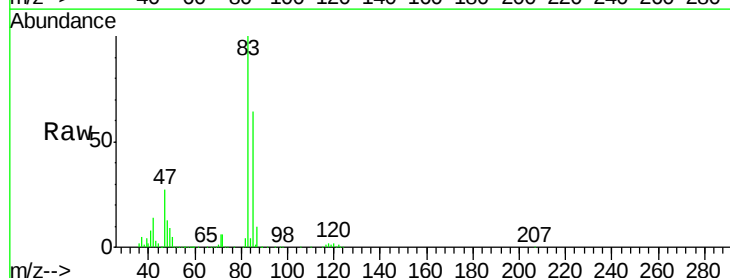
Acq: 25 May 2018 21:30

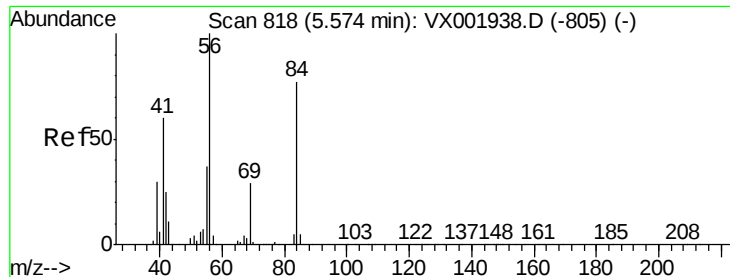
Tgt Ion: 83 Resp: 352280

Ion Ratio Lower Upper

83 100

85 64.2 50.9 76.3

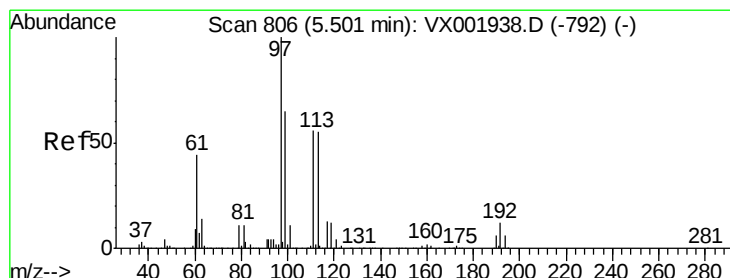
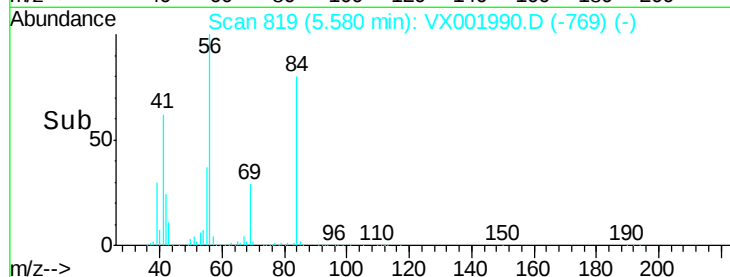
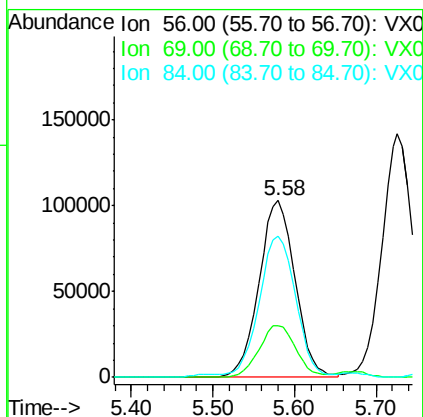
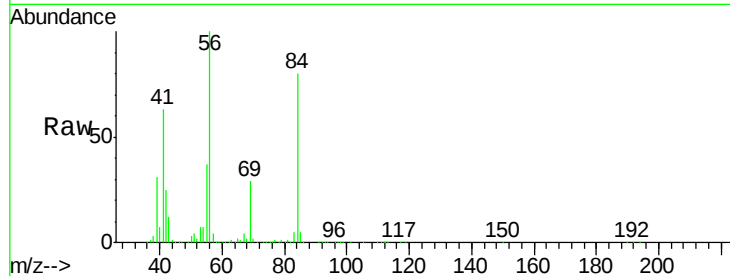




#31
Cyclohexane
Concen: 47.12 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

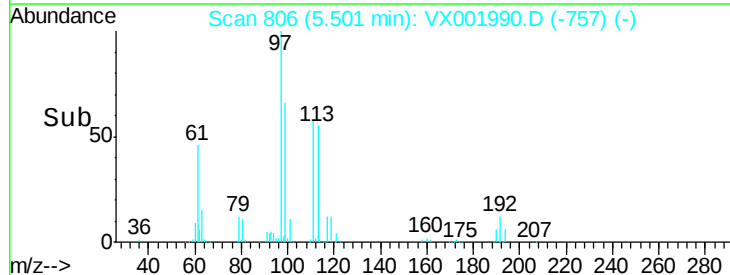
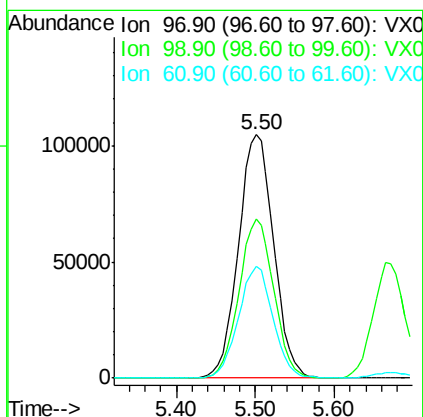
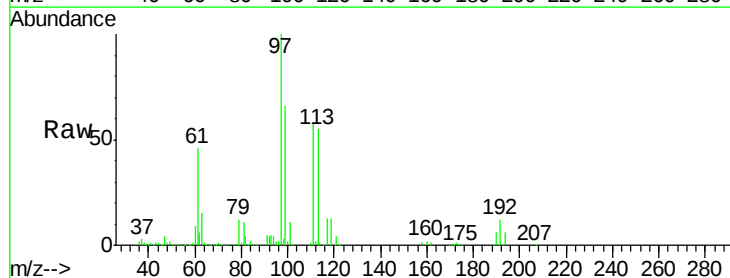
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 315419
Ion Ratio Lower Upper
56 100
69 28.9 23.1 34.7
84 79.4 62.0 93.0



#32
1,1,1-Trichloroethane
Concen: 48.15 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion: 97 Resp: 324942
Ion Ratio Lower Upper
97 100
99 64.5 51.9 77.9
61 45.1 35.9 53.9

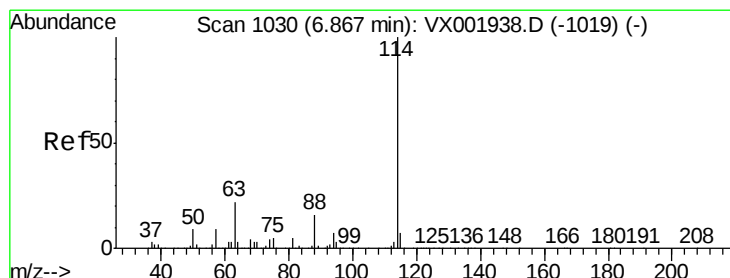
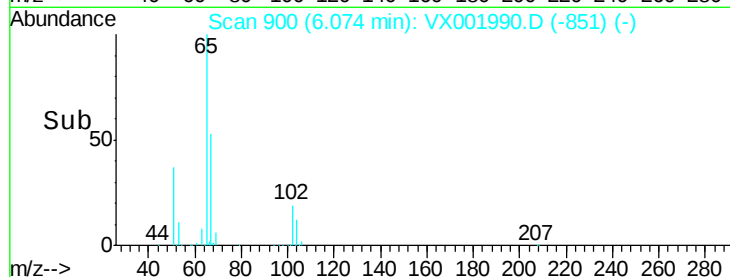
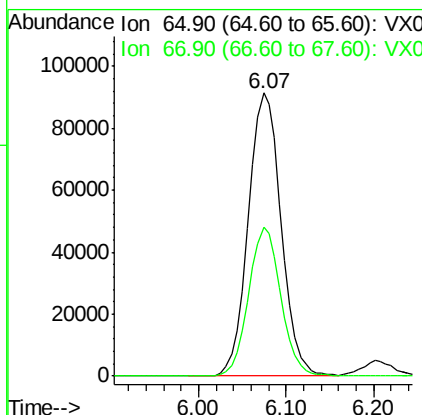
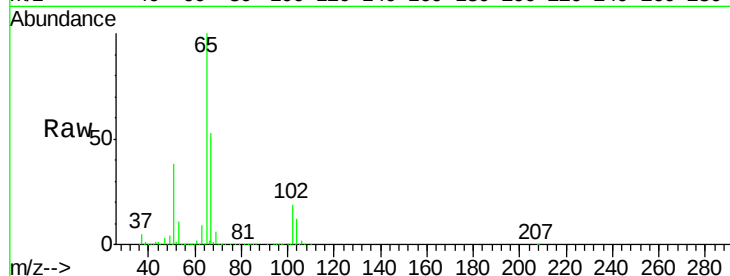




#33
 1,2-Dichloroethane-d4
 Concen: 49.13 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

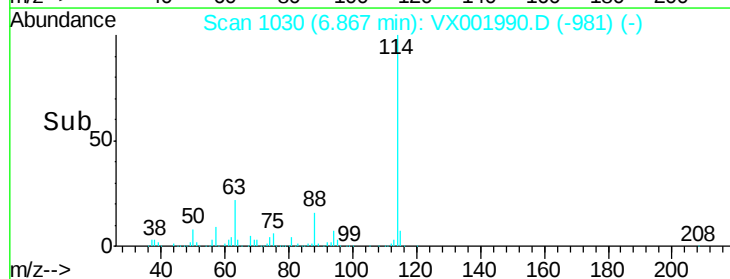
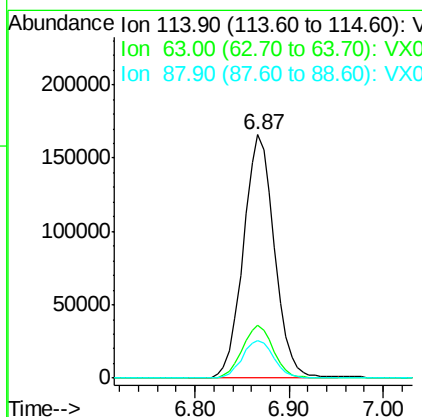
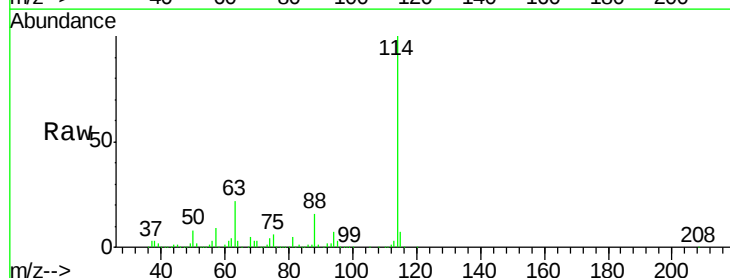
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

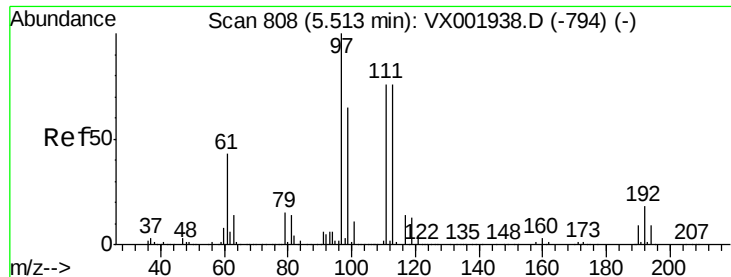
Tgt Ion: 65 Resp: 238684
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Tgt Ion: 114 Resp: 384420
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.24 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

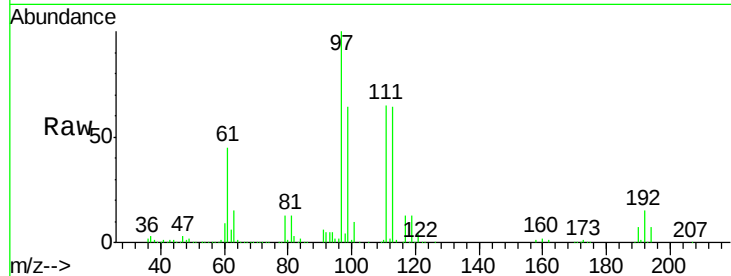
Tgt Ion:113 Resp: 185432

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

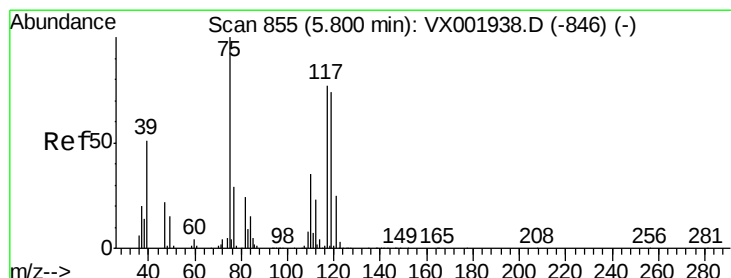
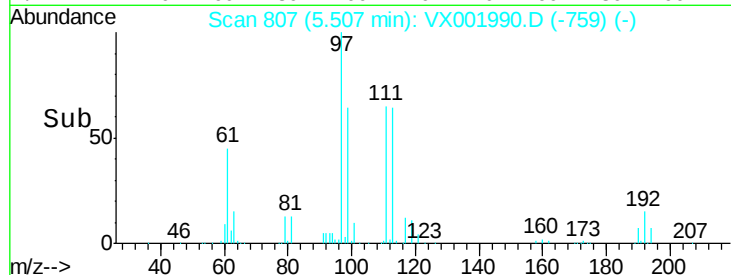
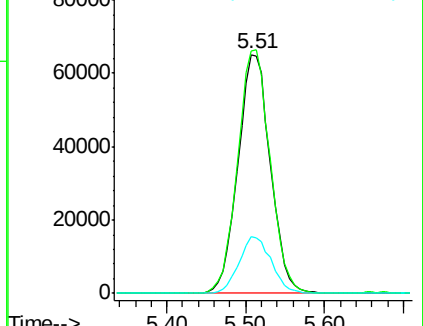
192 23.8 18.9 28.3



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: 47.85 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

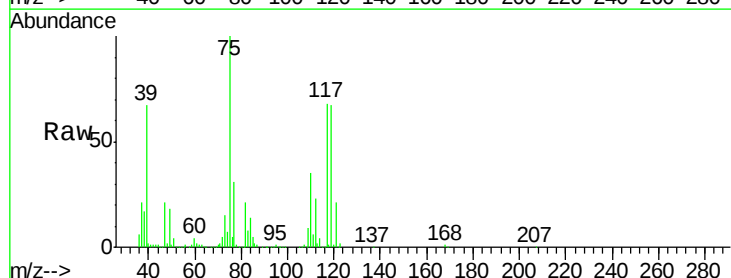
Tgt Ion: 75 Resp: 255834

Ion Ratio Lower Upper

75 100

110 35.2 17.4 52.2

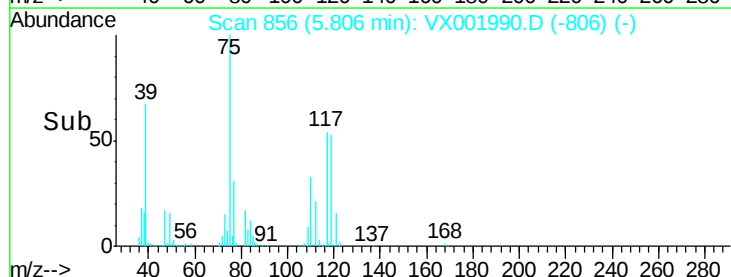
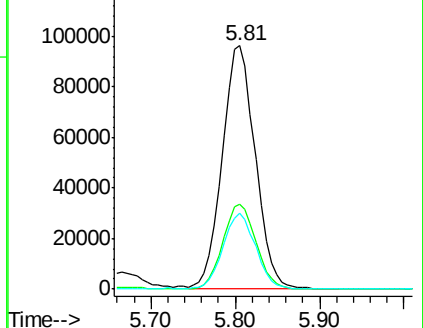
77 30.5 24.4 36.6

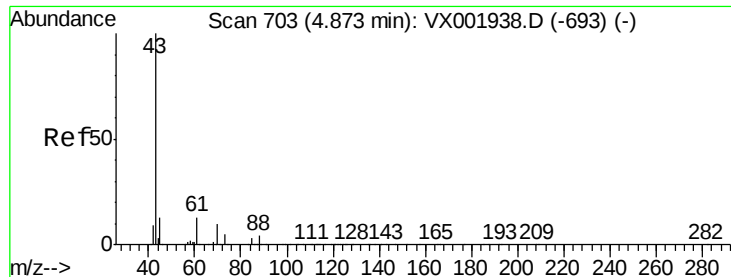


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

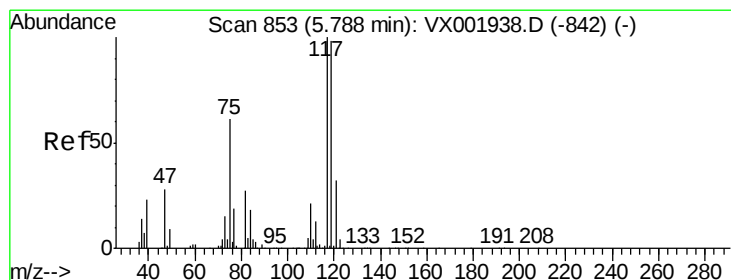
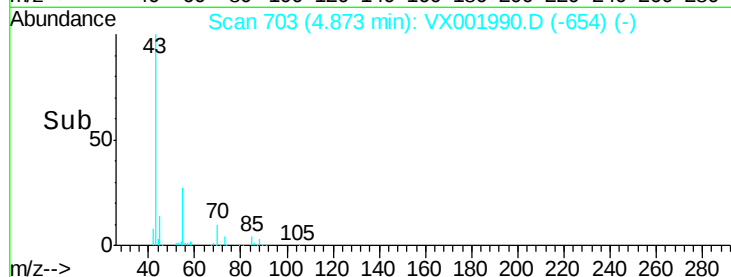
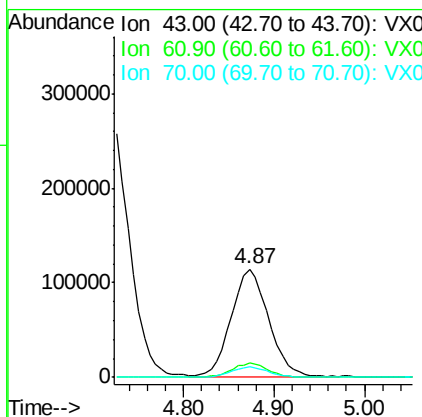
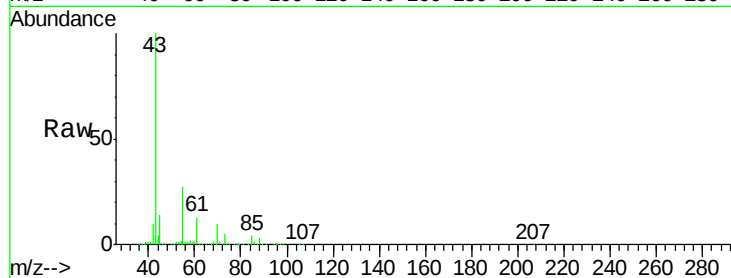




#37
Ethyl Acetate
Concen: 46.38 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

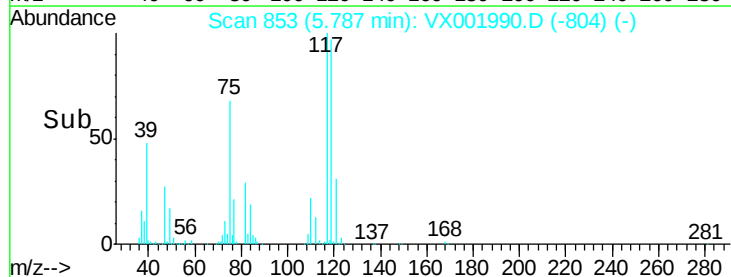
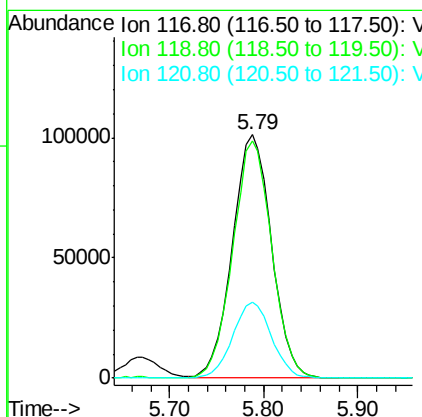
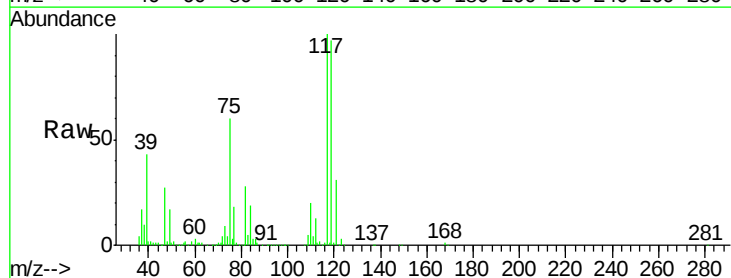
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

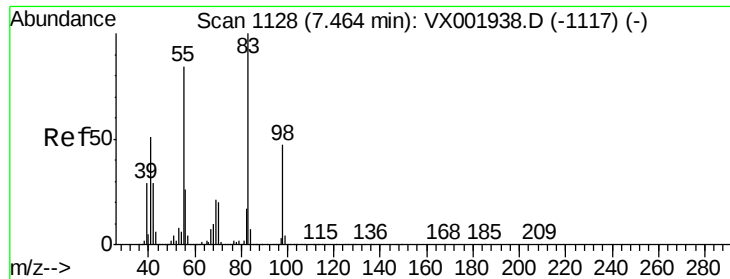
Tgt Ion: 43 Resp: 323322
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 9.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 47.04 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion: 117 Resp: 293293
Ion Ratio Lower Upper
117 100
119 97.4 78.5 117.7
121 31.1 25.5 38.3

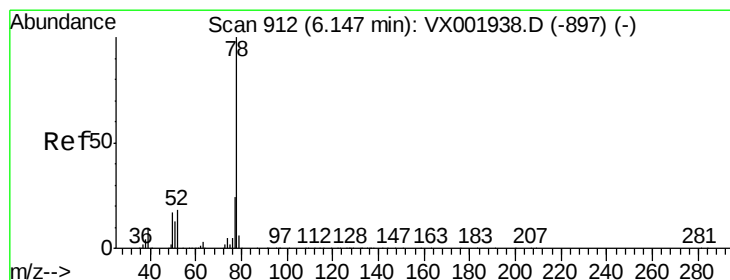
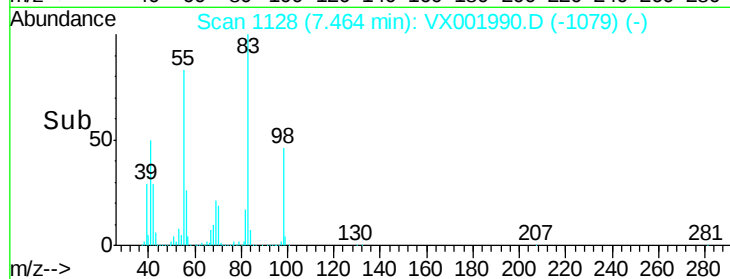
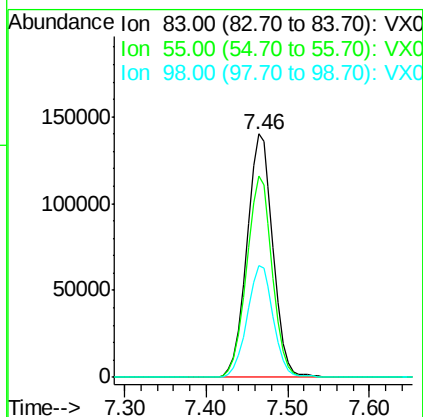
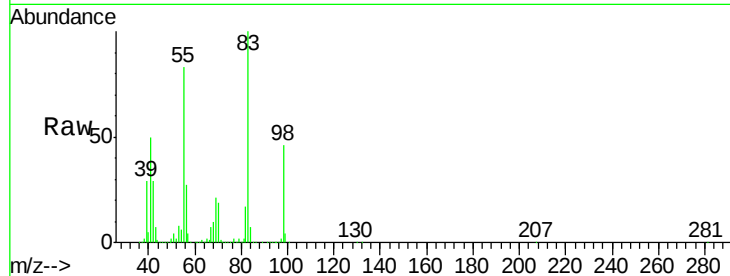




#39
Methylcyclohexane
Concen: 47.17 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

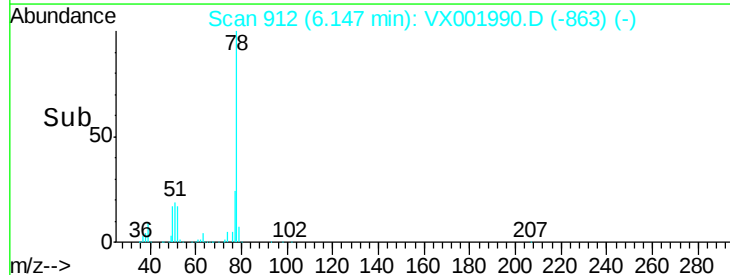
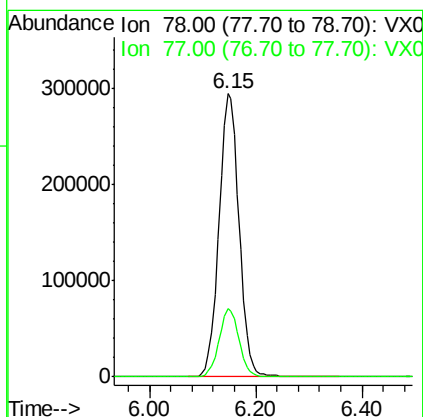
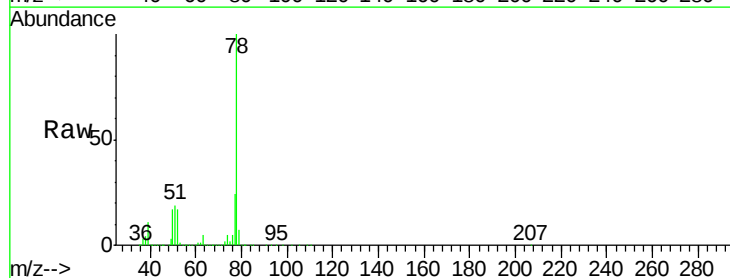
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

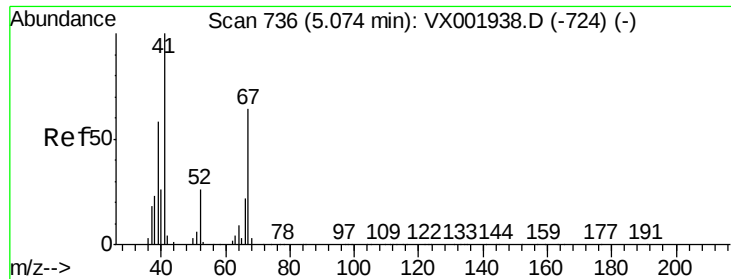
Tgt Ion: 83 Resp: 309887
Ion Ratio Lower Upper
83 100
55 82.7 67.3 100.9
98 45.9 37.5 56.3



#40
Benzene
Concen: 49.49 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion: 78 Resp: 775325
Ion Ratio Lower Upper
78 100
77 24.1 19.1 28.7

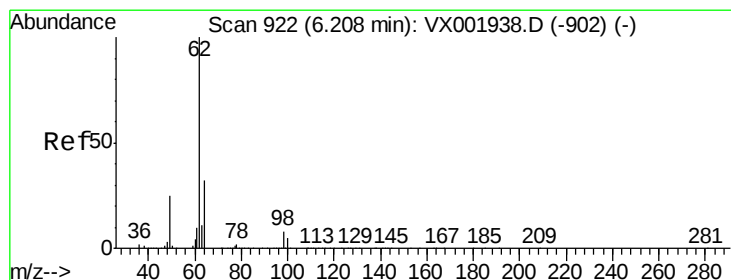
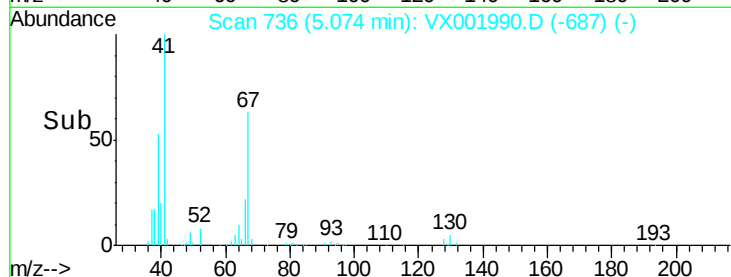
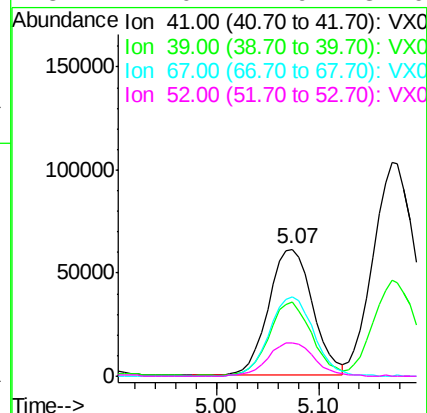
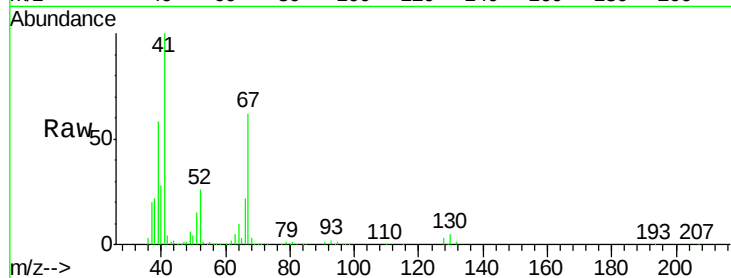




#41
Methacrylonitrile
Concen: 50.22 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

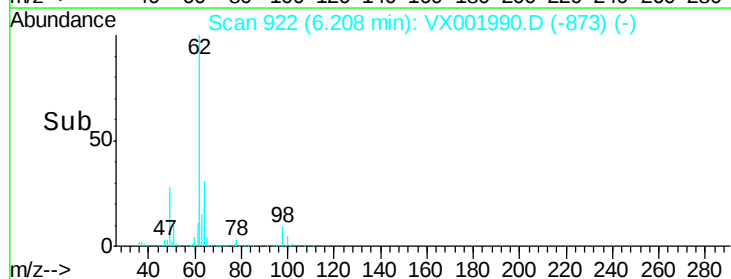
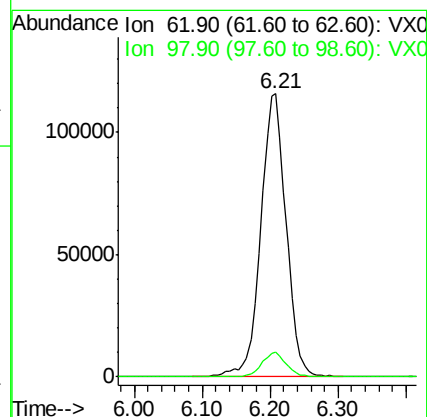
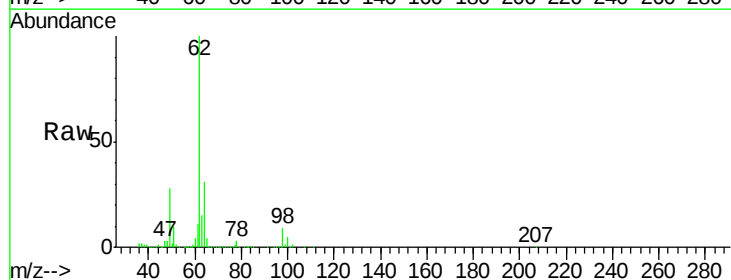
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

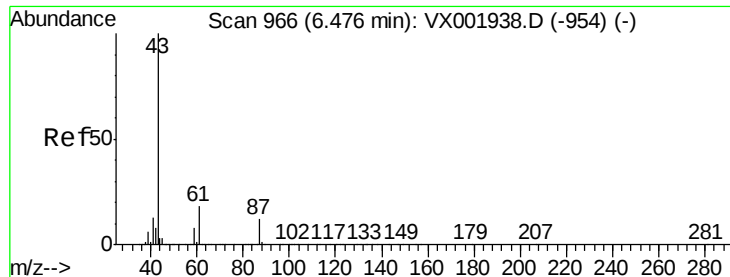
Tgt Ion:	41	Resp:	184738
Ion	Ratio	Lower	Upper
41	100		
39	56.0	46.0	69.0
67	62.8	50.6	75.8
52	27.0	21.9	32.9



#42
1,2-Dichloroethane
Concen: 48.18 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion:	62	Resp:	301494
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0





#43

Isopropyl Acetate

Concen: 48.92 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

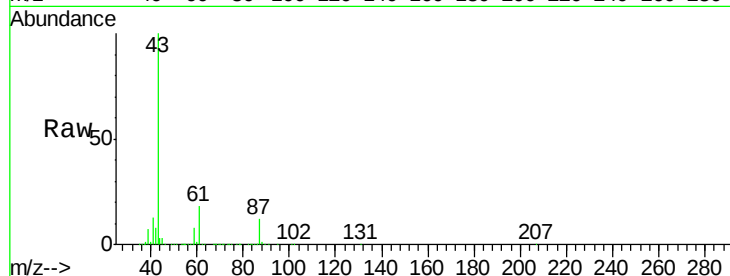
Tgt Ion: 43 Resp: 568254

Ion Ratio Lower Upper

43 100

61 17.9 14.5 21.7

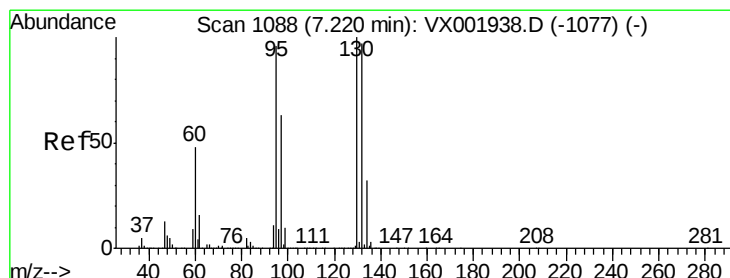
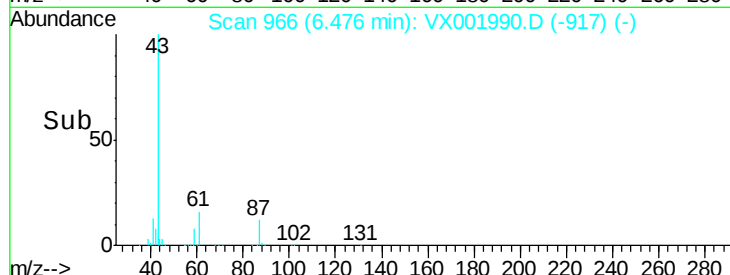
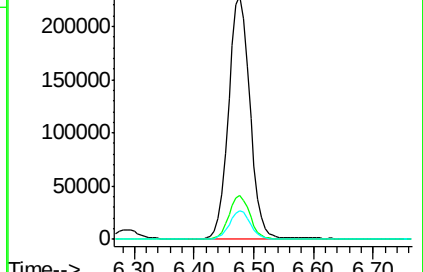
87 11.5 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX001938.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VX001938.D (-954) (-)

Ion 87.00 (86.70 to 87.70): VX001938.D (-954) (-)



#44

Trichloroethene

Concen: 47.70 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001990.D

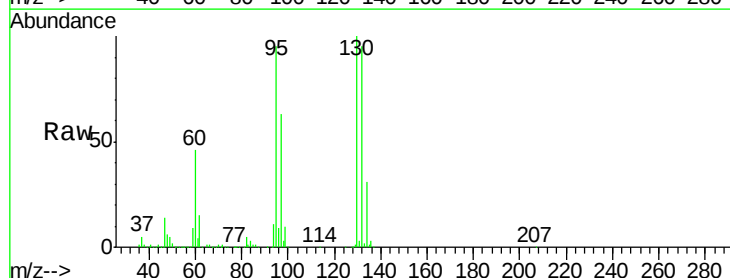
Acq: 25 May 2018 21:30

Tgt Ion: 130 Resp: 217745

Ion Ratio Lower Upper

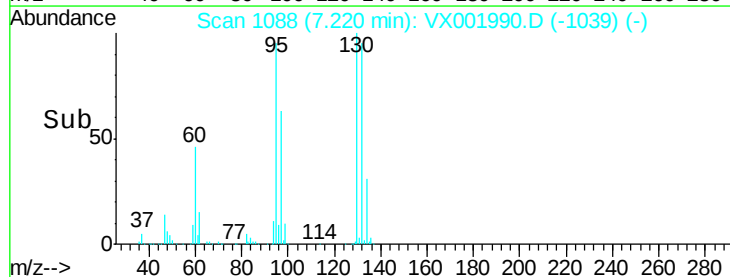
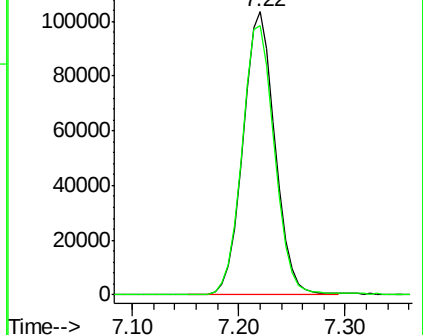
130 100

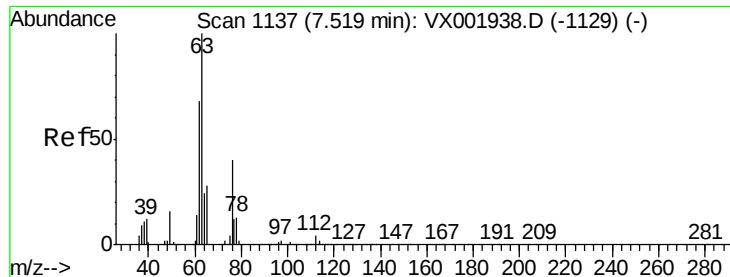
95 95.0 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): VX001938.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX001938.D (-1077) (-)





#45

1,2-Dichloropropane

Concen: 49.82 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

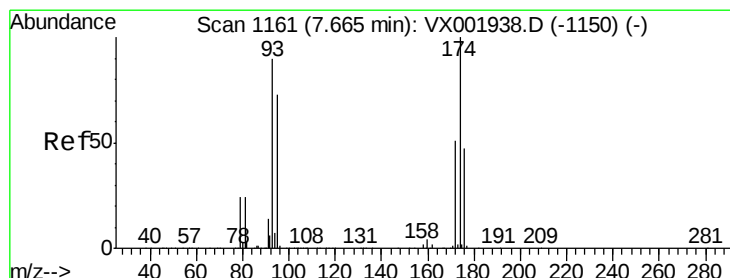
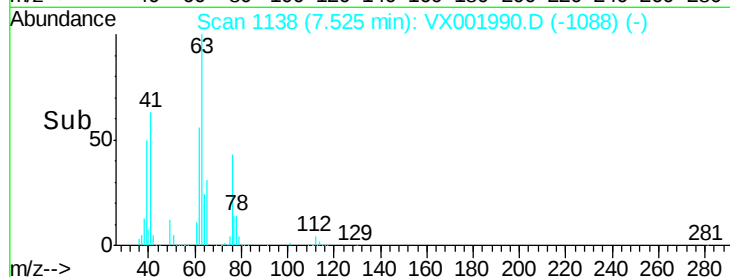
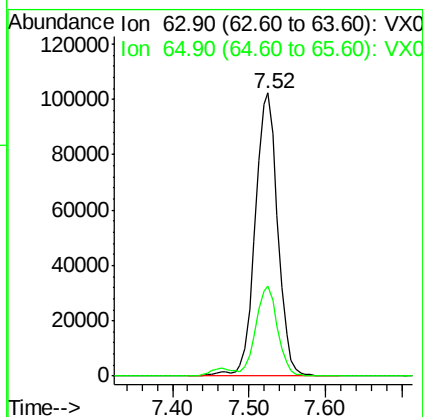
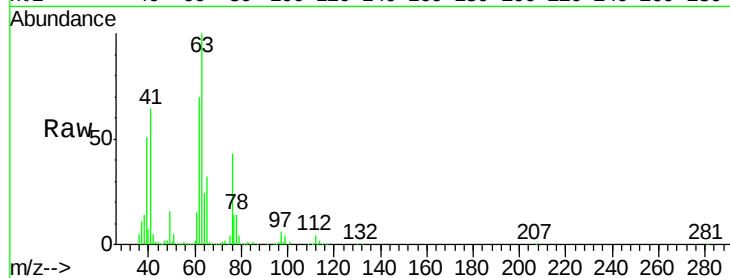
VSTDCCC050

Tgt Ion: 63 Resp: 211950

Ion Ratio Lower Upper

63 100

65 31.7 24.1 36.1



#46

Dibromomethane

Concen: 49.06 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

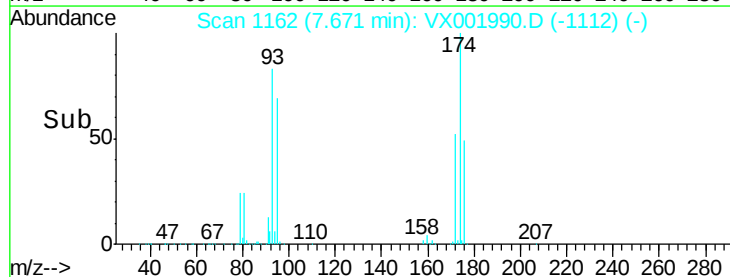
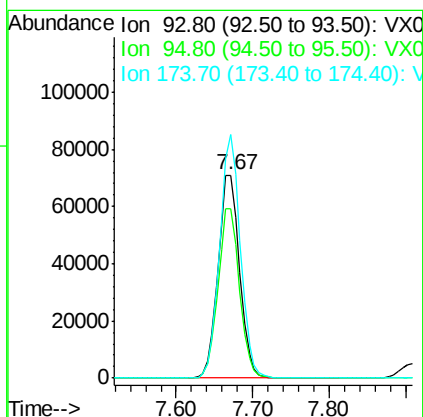
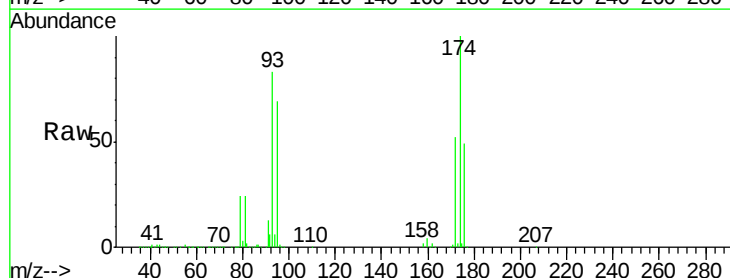
Tgt Ion: 93 Resp: 138192

Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

174 115.2 92.5 138.7





#47

Bromodichloromethane

Concen: 47.22 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

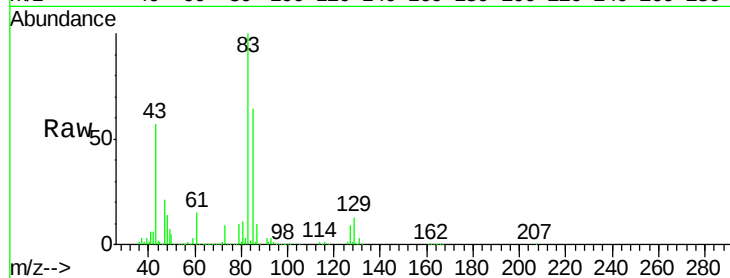
Tgt Ion: 83 Resp: 283586

Ion Ratio Lower Upper

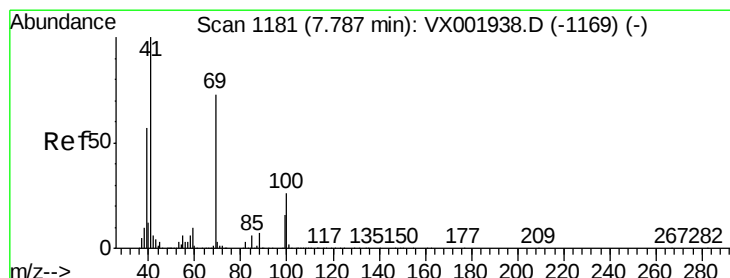
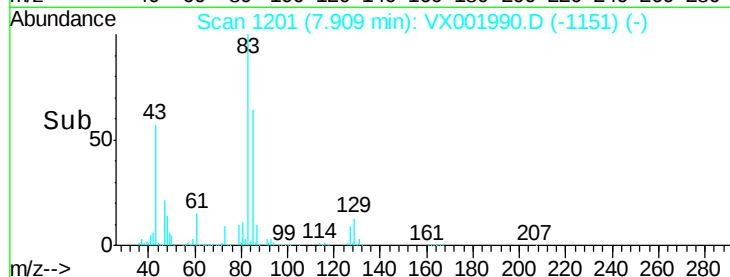
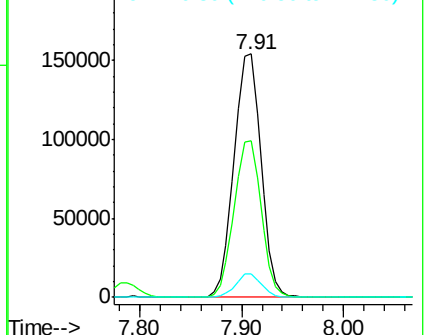
83 100

85 64.4 51.4 77.2

127 9.4 7.1 10.7



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



#48

Methyl methacrylate

Concen: 48.12 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

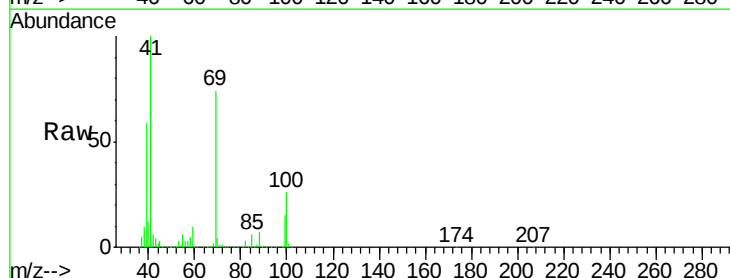
Tgt Ion: 41 Resp: 284483

Ion Ratio Lower Upper

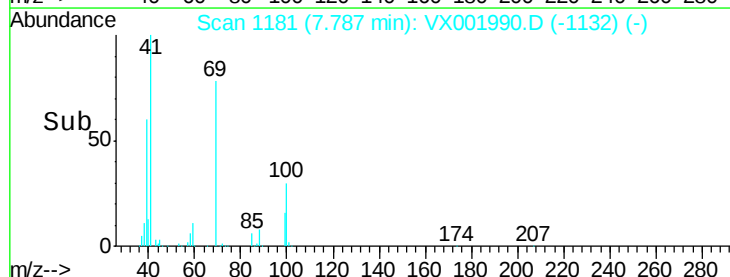
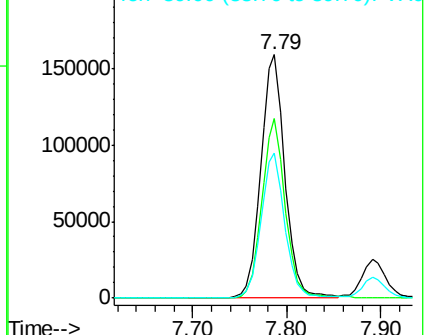
41 100

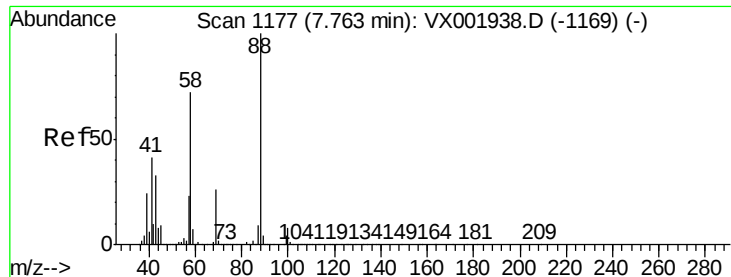
69 71.8 58.6 87.8

39 58.7 46.3 69.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 988.44 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

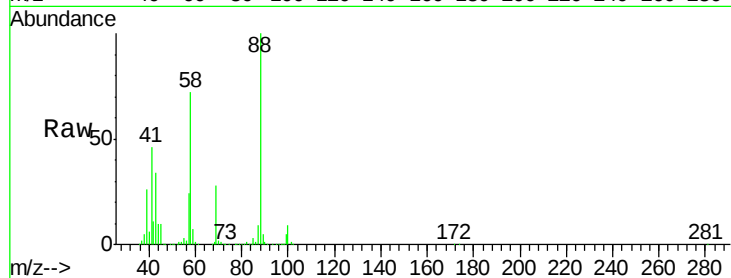
Tgt Ion: 88 Resp: 102972

Ion Ratio Lower Upper

88 100

43 37.9 29.8 44.8

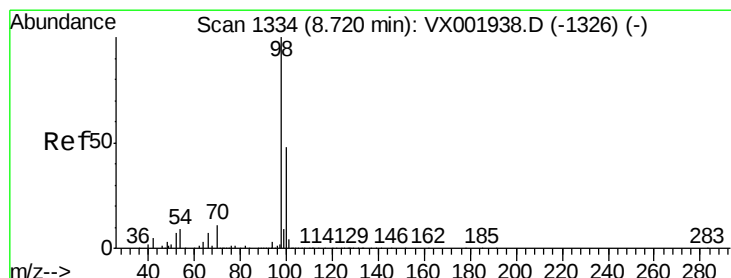
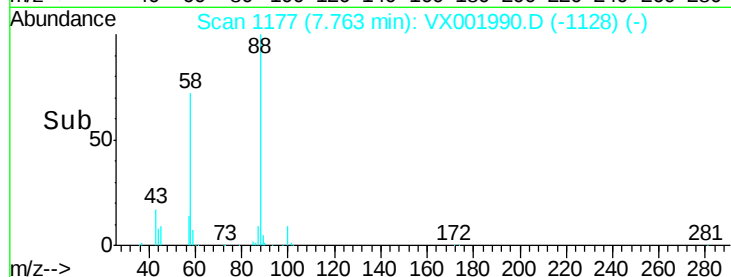
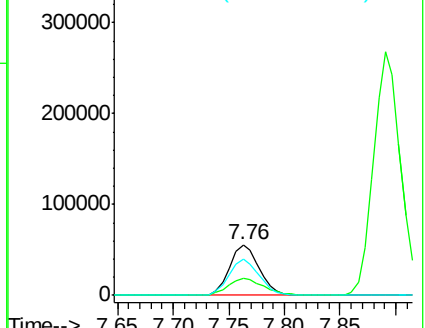
58 73.8 58.7 88.1



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.31 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001990.D

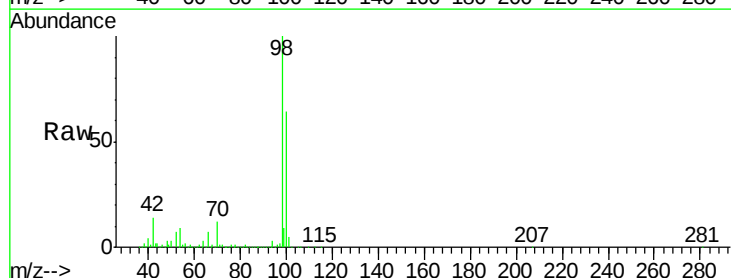
Acq: 25 May 2018 21:30

Tgt Ion: 98 Resp: 686318

Ion Ratio Lower Upper

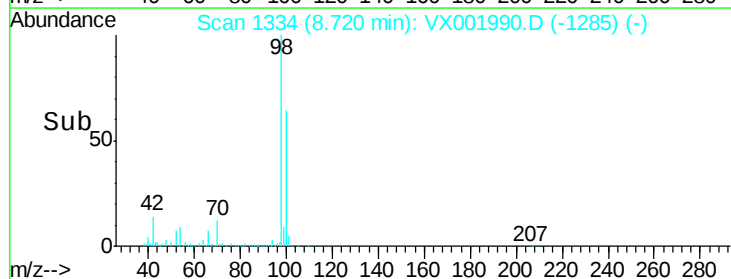
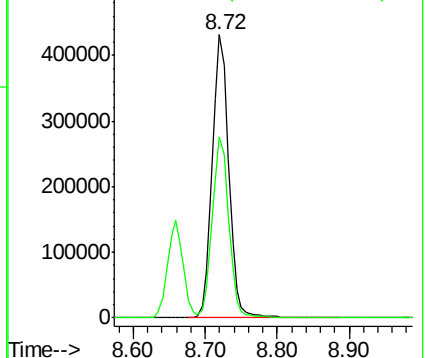
98 100

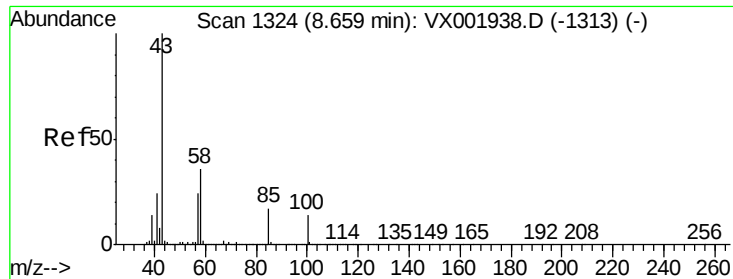
100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

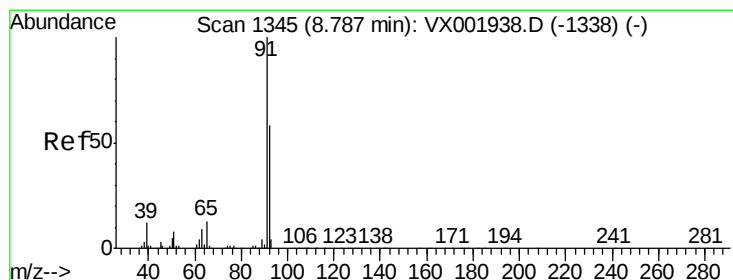
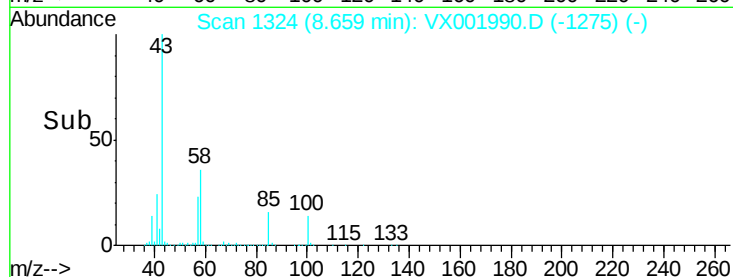
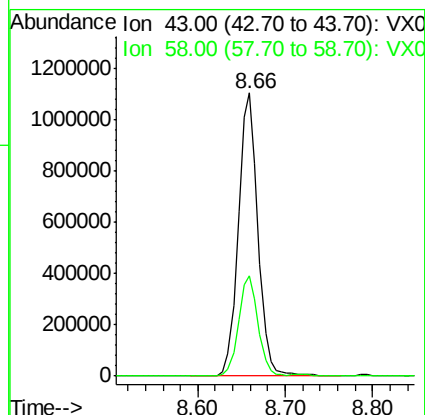
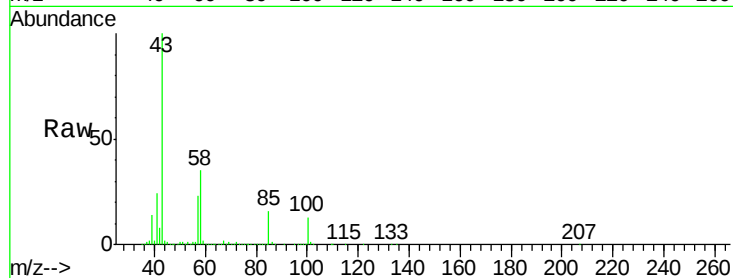




#51
 4-Methyl-2-Pentanone
 Concen: 246.93 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

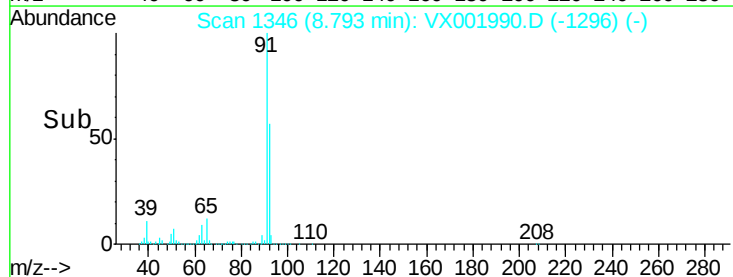
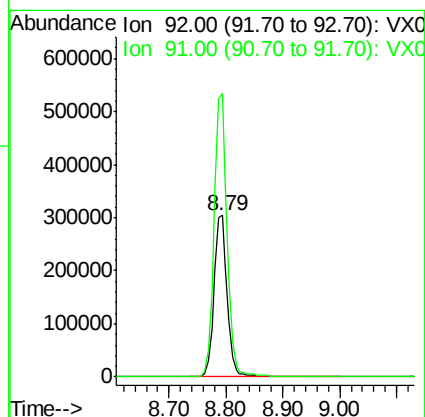
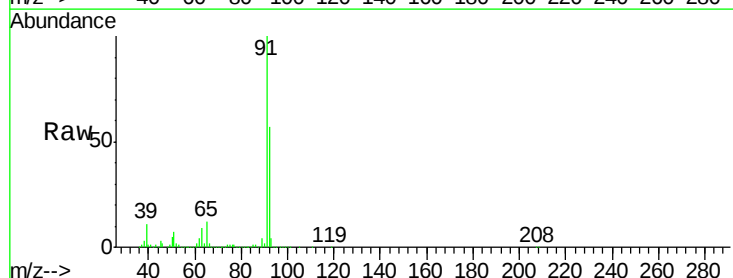
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

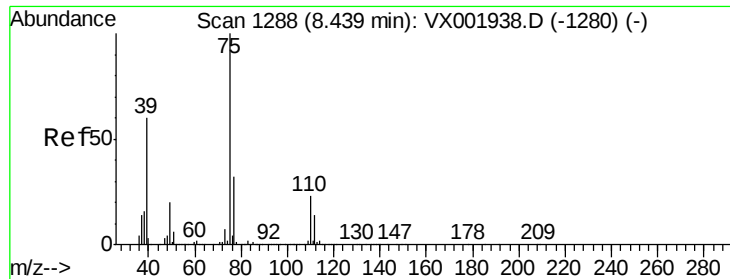
Tgt Ion: 43 Resp: 1729001
 Ion Ratio Lower Upper
 43 100
 58 35.0 28.5 42.7



#52
 Toluene
 Concen: 49.08 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.01 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Tgt Ion: 92 Resp: 489309
 Ion Ratio Lower Upper
 92 100
 91 174.7 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 47.63 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

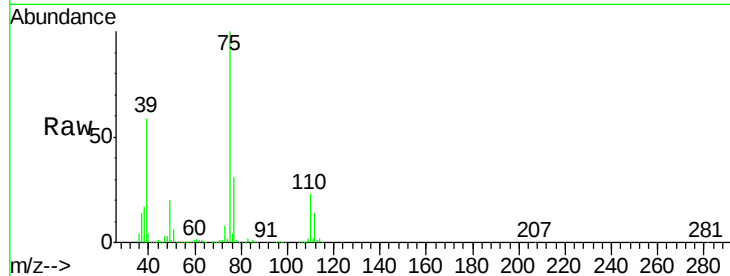
VSTDCCC050

Tgt Ion: 75 Resp: 329446

Ion Ratio Lower Upper

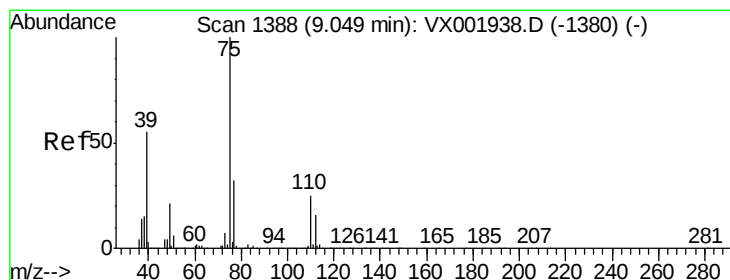
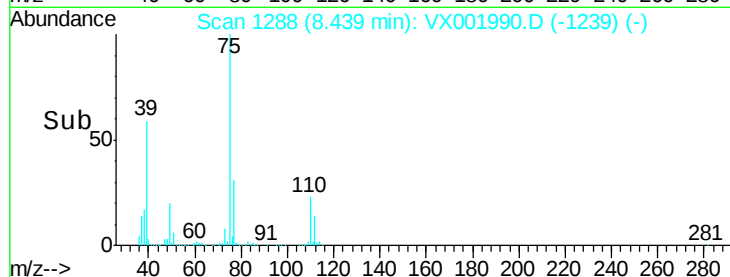
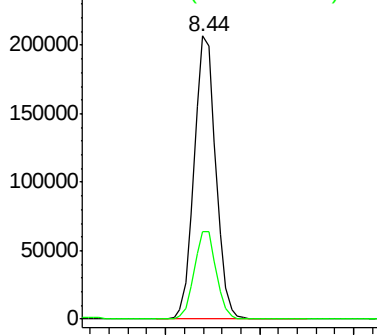
75 100

77 30.9 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: 46.95 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

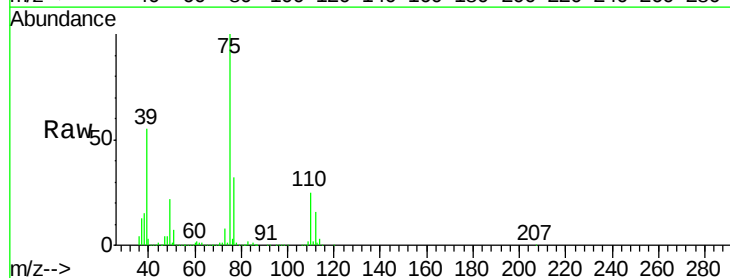
Tgt Ion: 75 Resp: 316477

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

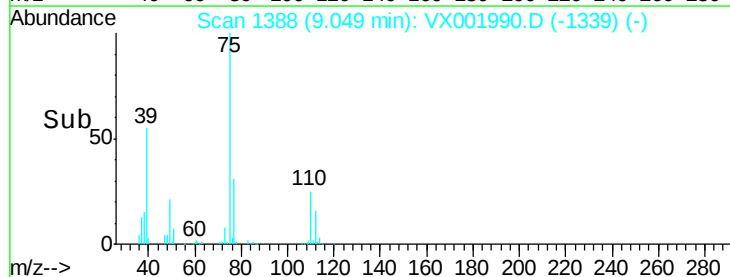
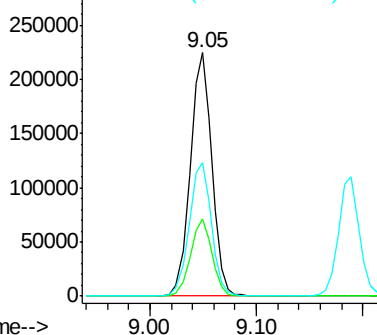
39 54.8 44.1 66.1



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: 48.74 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 202981

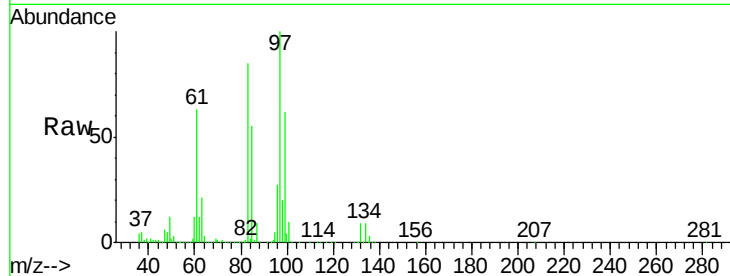
Ion Ratio Lower Upper

97 100

83 84.8 69.1 103.7

85 54.8 45.2 67.8

99 62.4 49.6 74.4

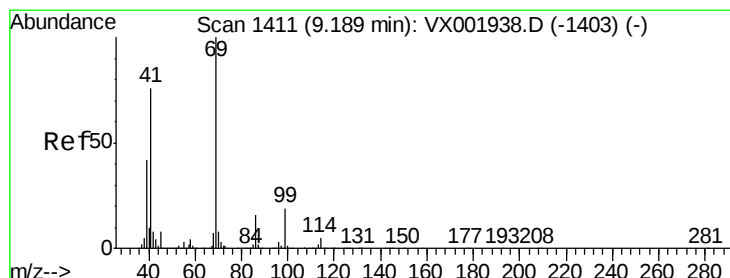
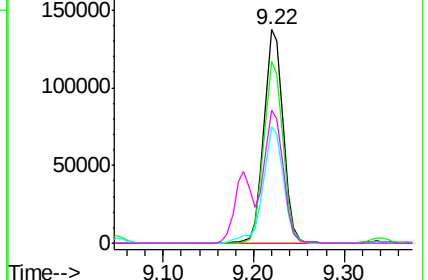
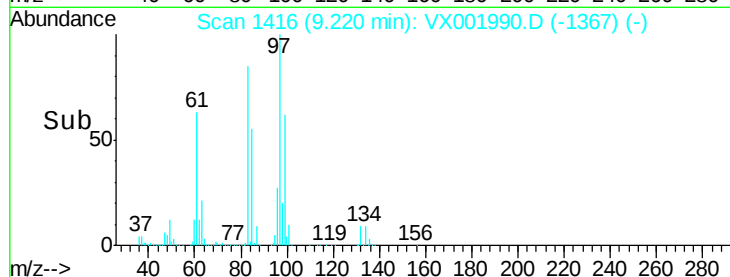


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 47.79 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

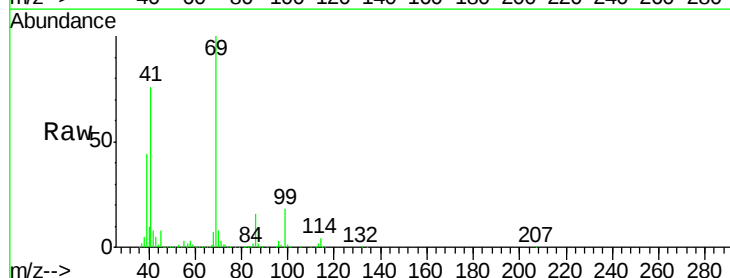
Tgt Ion: 69 Resp: 342358

Ion Ratio Lower Upper

69 100

41 76.8 61.0 91.6

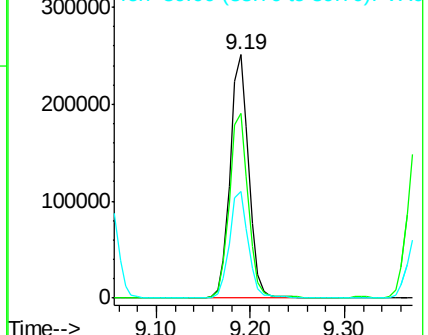
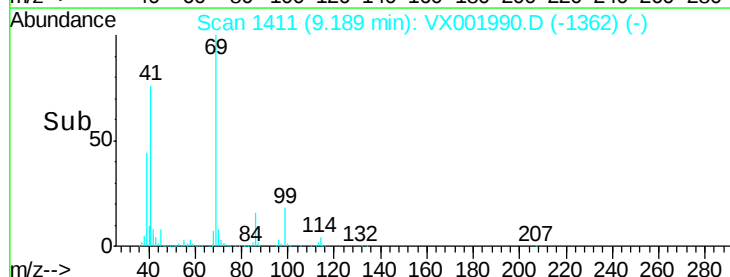
39 44.1 34.4 51.6

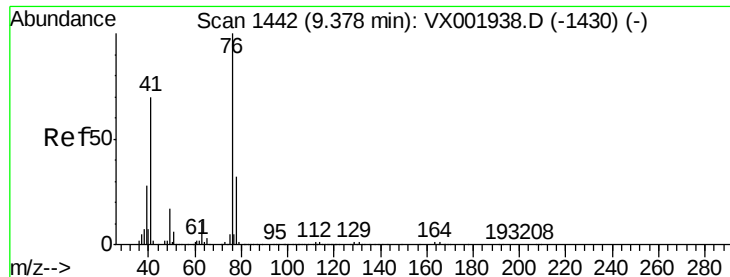


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.15 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

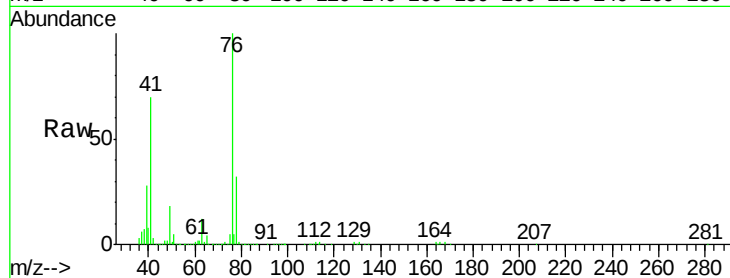
VSTDCCC050

Tgt Ion: 76 Resp: 337199

Ion Ratio Lower Upper

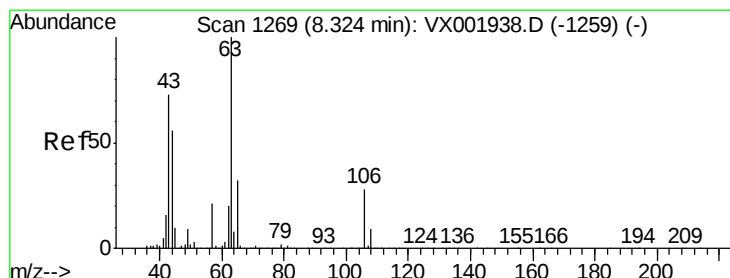
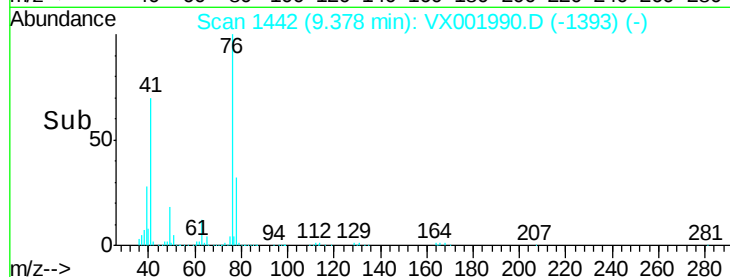
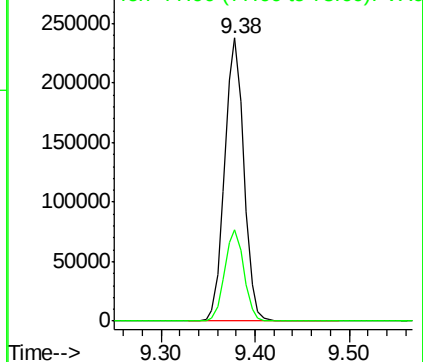
76 100

78 32.4 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 251.57 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX001990.D

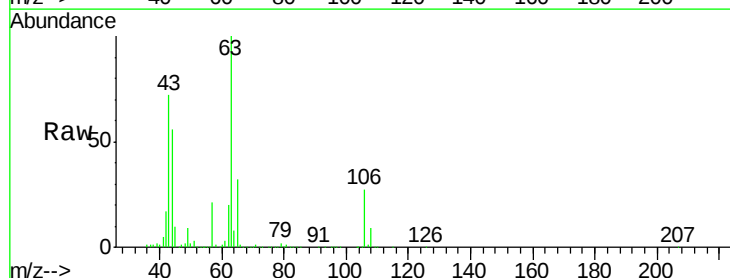
Acq: 25 May 2018 21:30

Tgt Ion: 63 Resp: 798768

Ion Ratio Lower Upper

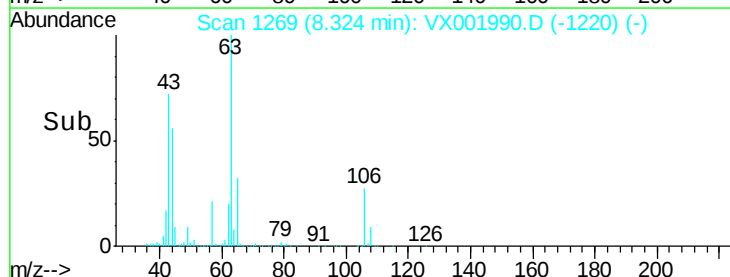
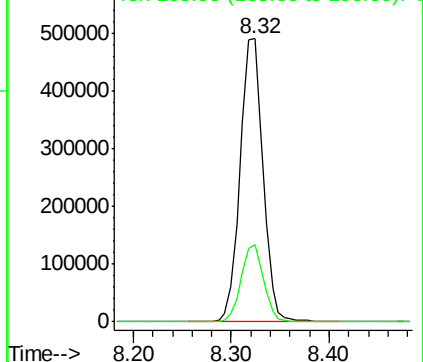
63 100

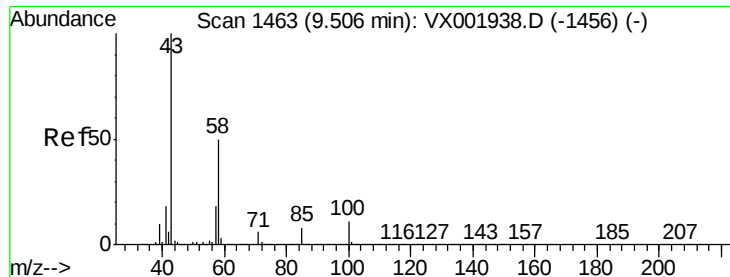
106 26.8 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

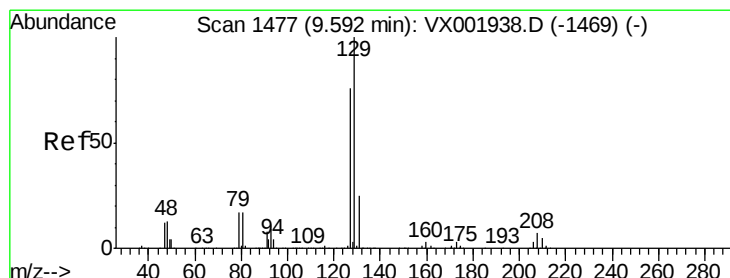
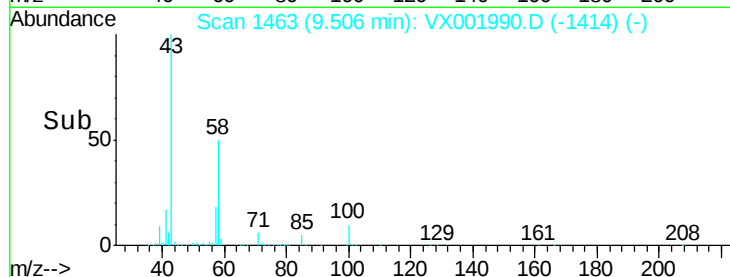
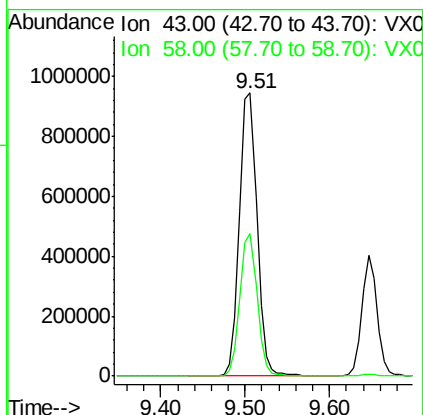
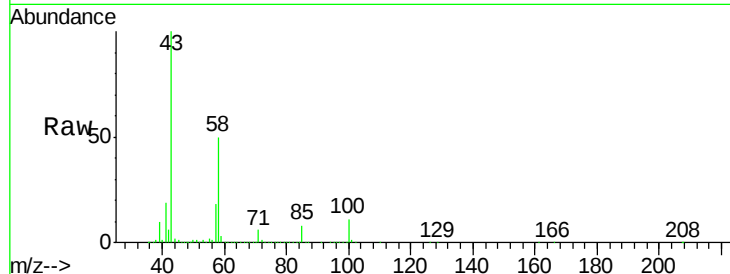




#59
2-Hexanone
Concen: 244.96 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

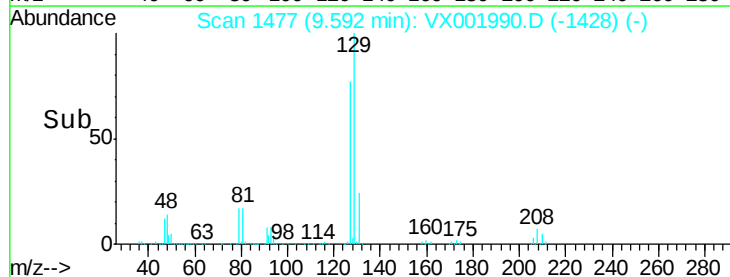
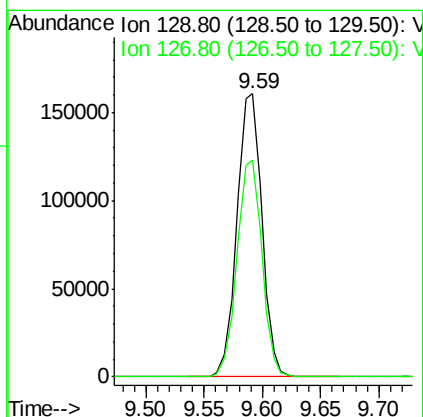
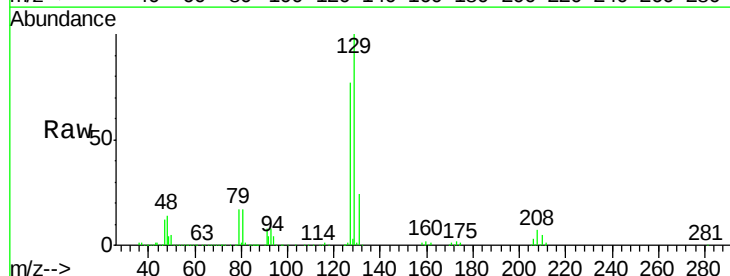
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

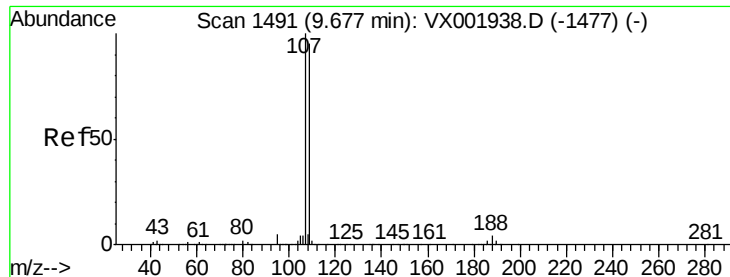
Tgt Ion: 43 Resp: 1322513
Ion Ratio Lower Upper
43 100
58 49.2 24.9 74.6



#60
Dibromochloromethane
Concen: 48.80 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion: 129 Resp: 240734
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





#61

1,2-Dibromoethane

Concen: 49.29 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

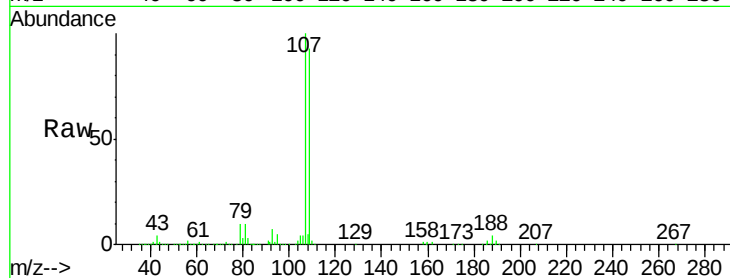
VSTDCCC050

Tgt Ion: 107 Resp: 215405

Ion Ratio Lower Upper

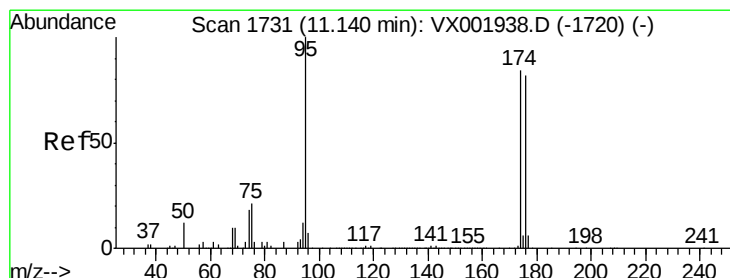
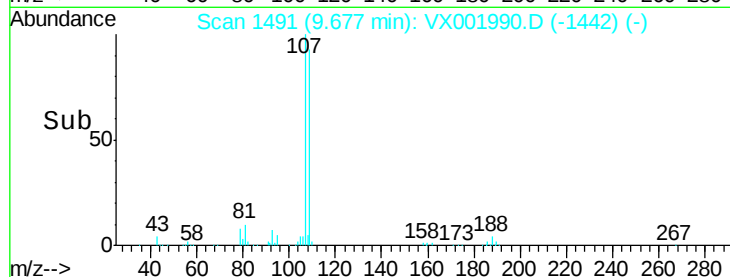
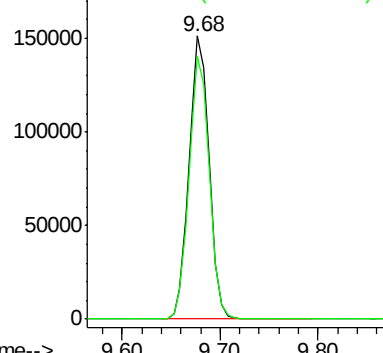
107 100

109 93.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.81 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

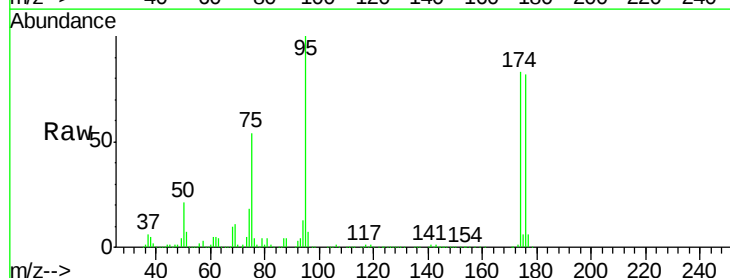
Tgt Ion: 95 Resp: 271254

Ion Ratio Lower Upper

95 100

174 90.1 0.0 178.8

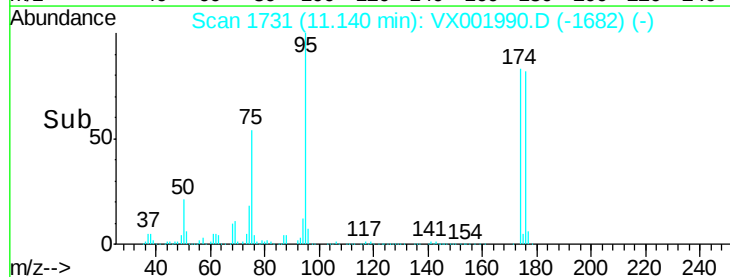
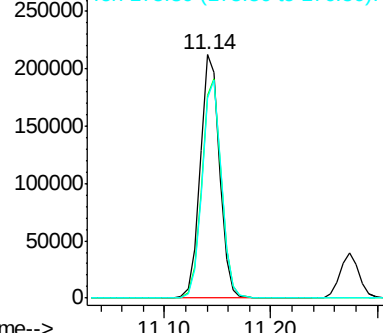
176 89.0 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

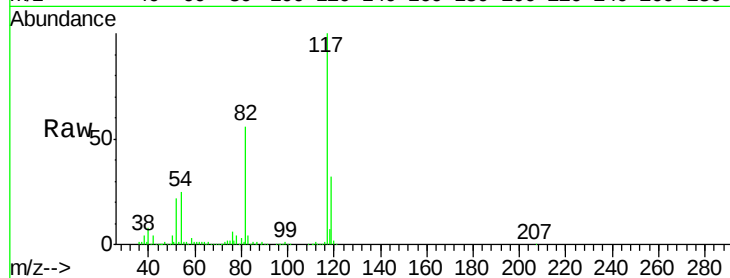
Tgt Ion:117 Resp: 363446

Ion Ratio Lower Upper

117 100

82 56.3 44.8 67.2

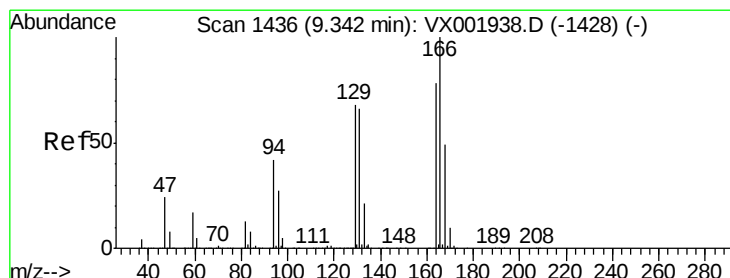
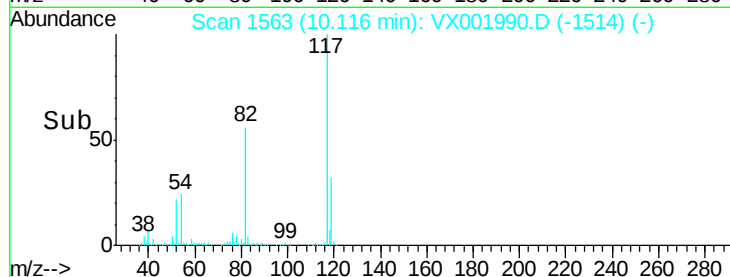
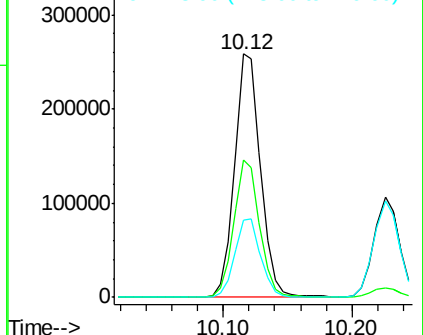
119 31.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 47.99 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Tgt Ion:164 Resp: 250058

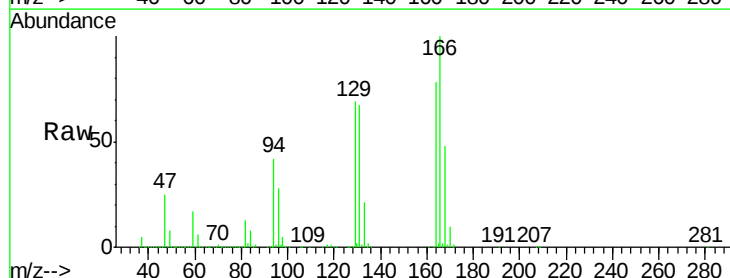
Ion Ratio Lower Upper

164 100

166 128.9 102.7 154.1

129 89.2 70.3 105.5

131 86.0 68.2 102.4

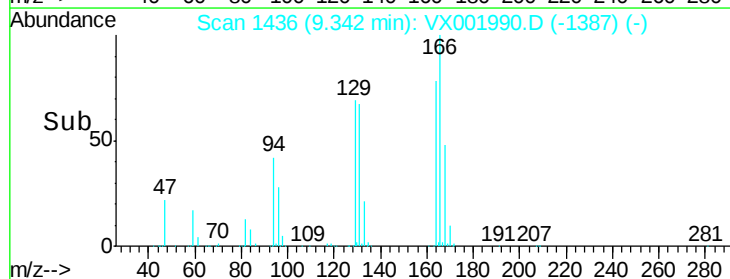
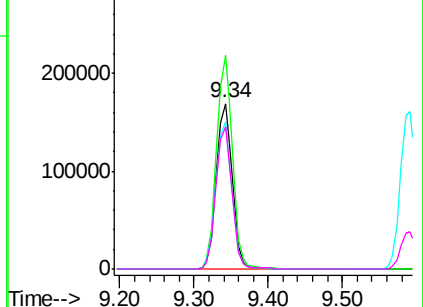


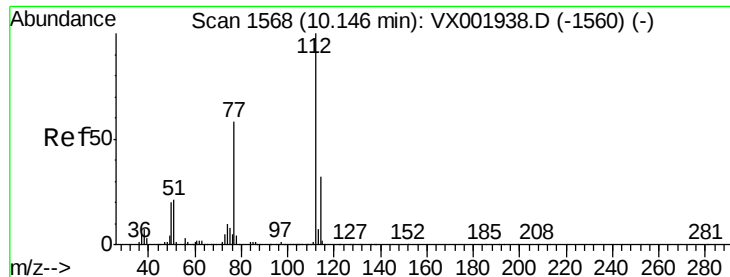
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 47.83 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

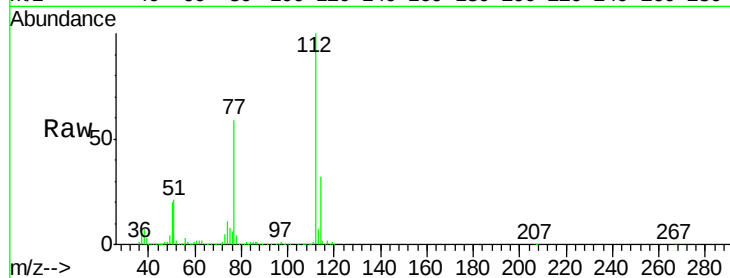
VSTDCCC050

Tgt Ion:112 Resp: 550753

Ion Ratio Lower Upper

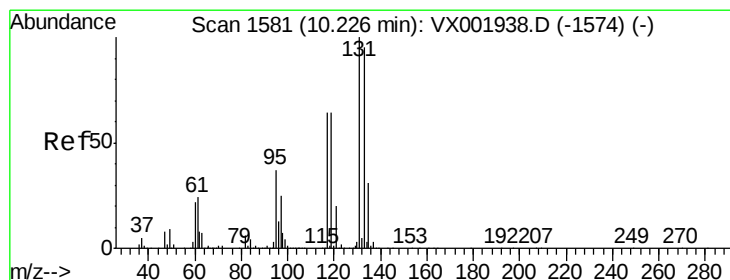
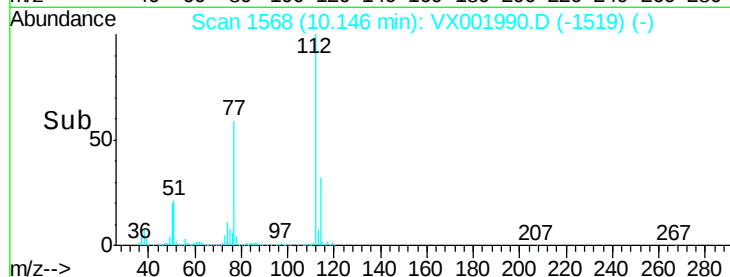
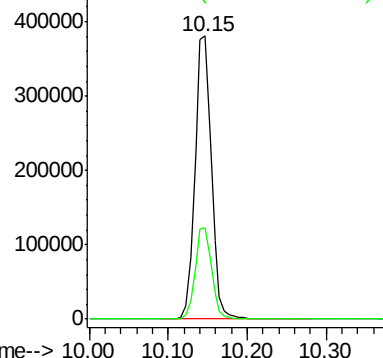
112 100

114 32.4 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.80 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

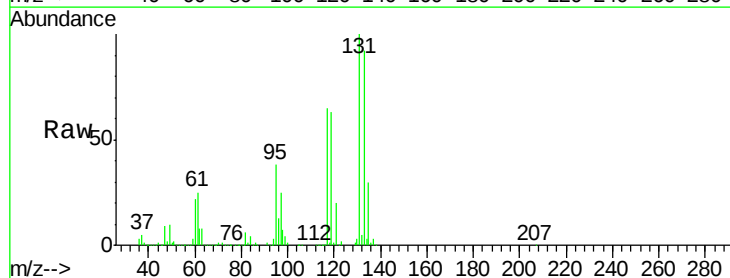
Tgt Ion:131 Resp: 222254

Ion Ratio Lower Upper

131 100

133 94.0 48.0 144.0

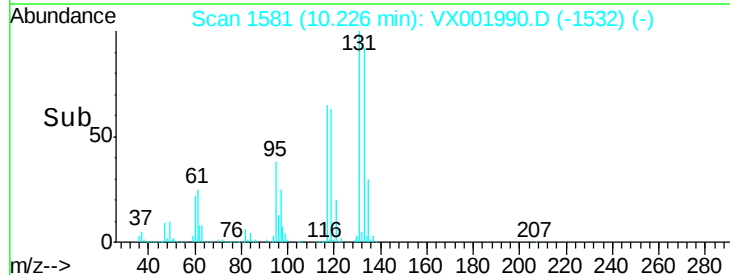
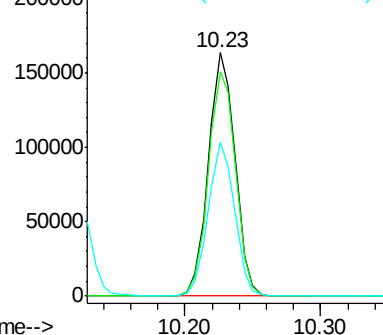
119 62.9 31.9 95.5

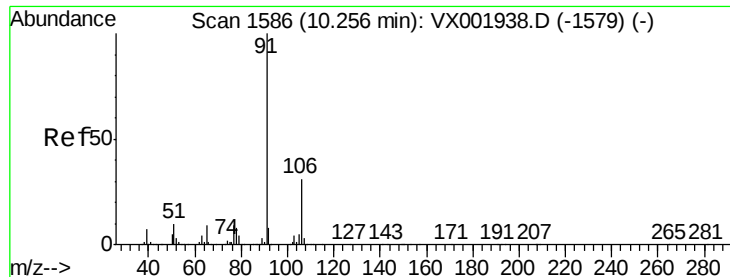


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

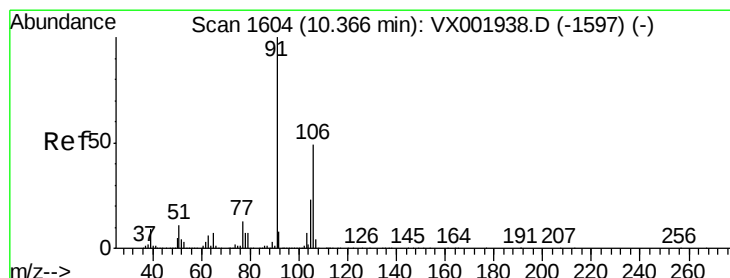
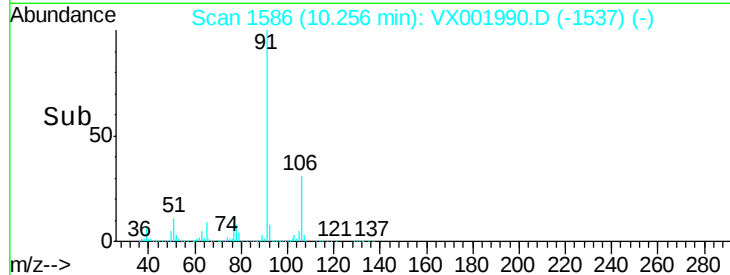
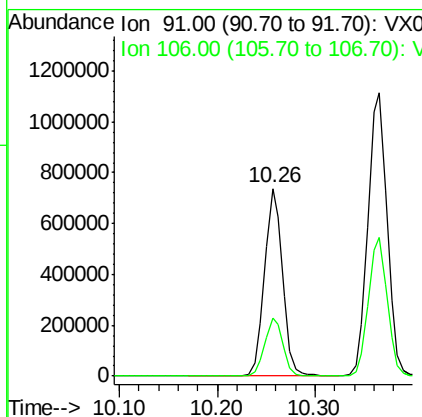
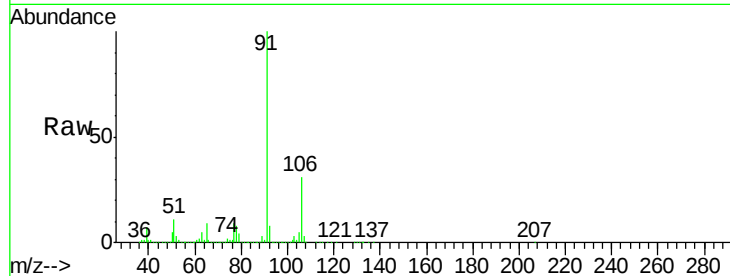




#67
Ethyl Benzene
Concen: 48.03 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

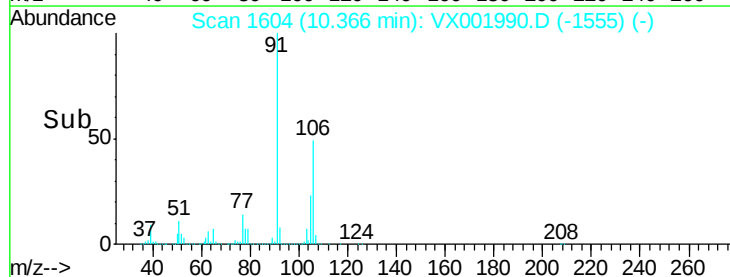
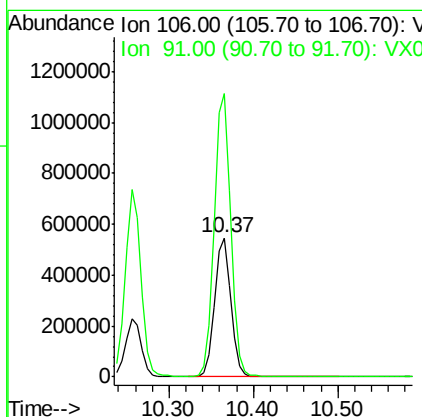
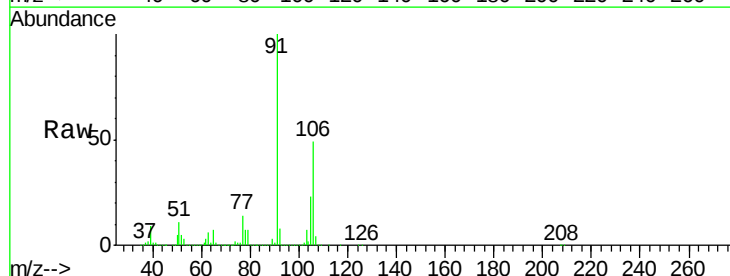
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

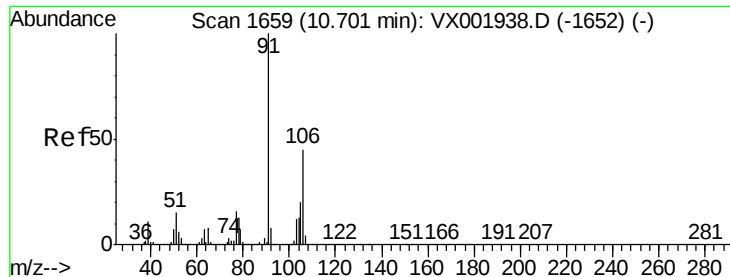
Tgt Ion: 91 Resp: 960822
Ion Ratio Lower Upper
91 100
106 30.9 25.0 37.6



#68
m/p-Xylenes
Concen: 96.30 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion: 106 Resp: 736473
Ion Ratio Lower Upper
106 100
91 206.6 165.0 247.6

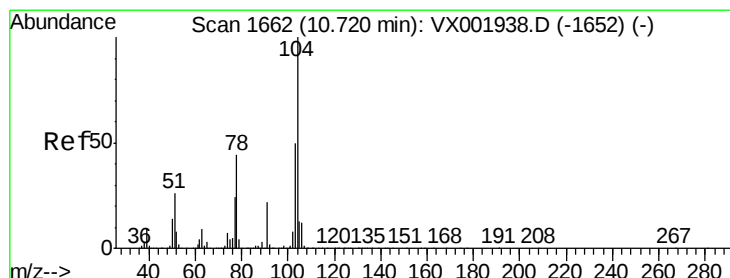
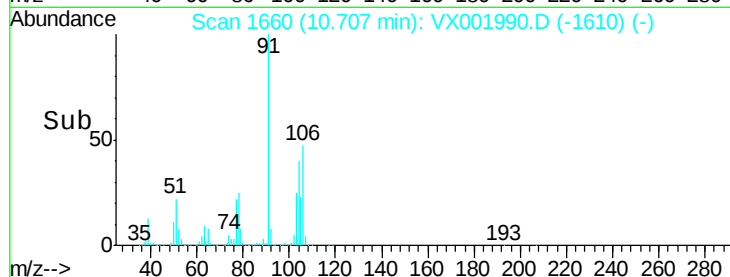
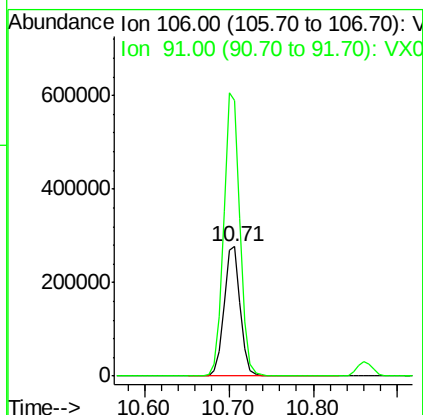
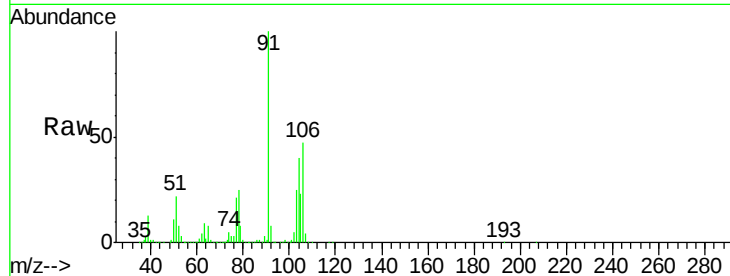




#69
o-Xylene
Concen: 48.20 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

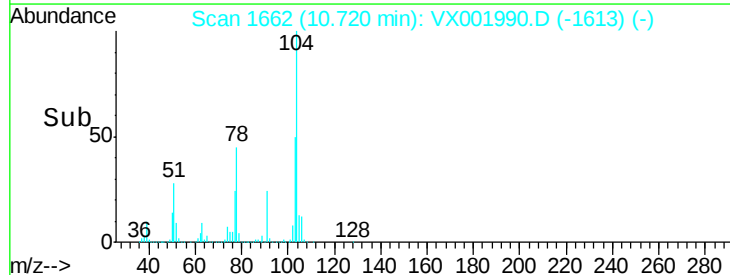
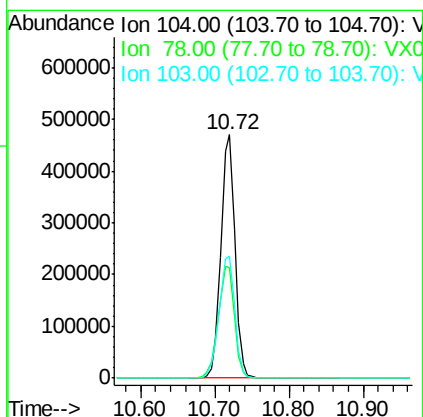
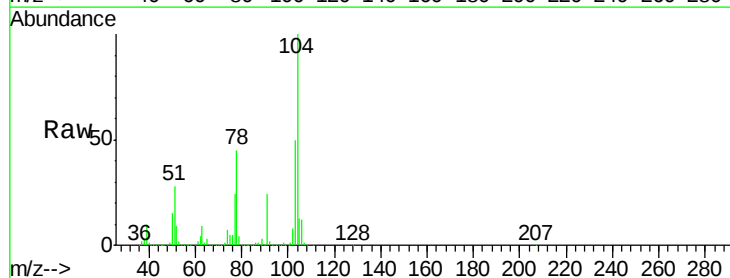
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

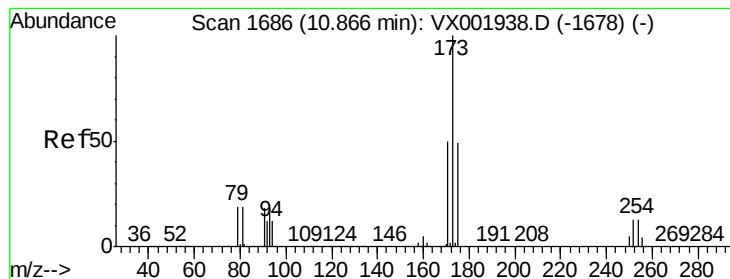
Tgt Ion:106 Resp: 368076
Ion Ratio Lower Upper
106 100
91 218.1 108.7 325.9



#70
Styrene
Concen: 48.54 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion:104 Resp: 614661
Ion Ratio Lower Upper
104 100
78 52.2 41.8 62.6
103 55.8 44.6 67.0





#71

Bromoform

Concen: 46.46 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

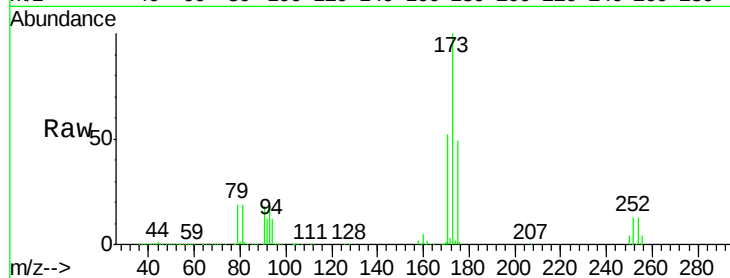
Tgt Ion:173 Resp: 204839

Ion Ratio Lower Upper

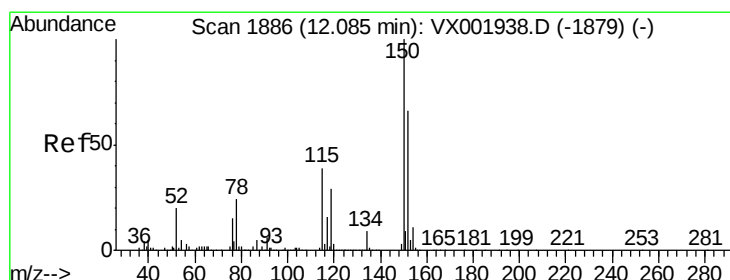
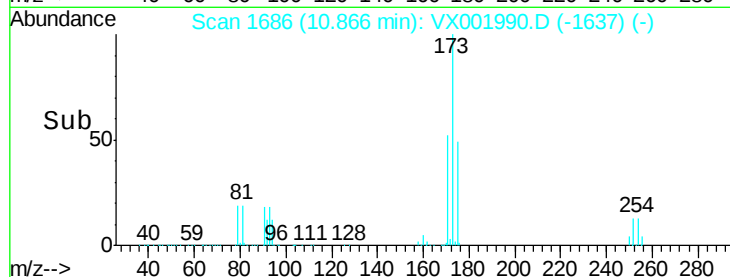
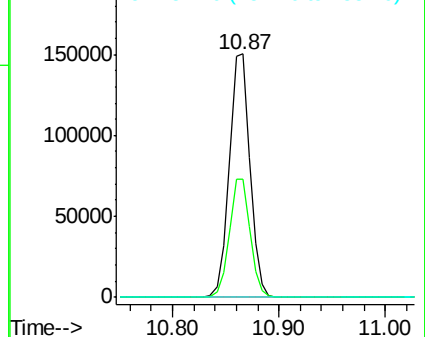
173 100

175 48.9 24.3 72.9

254 0.2 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: VX001990.D

Acq: 25 May 2018 21:30

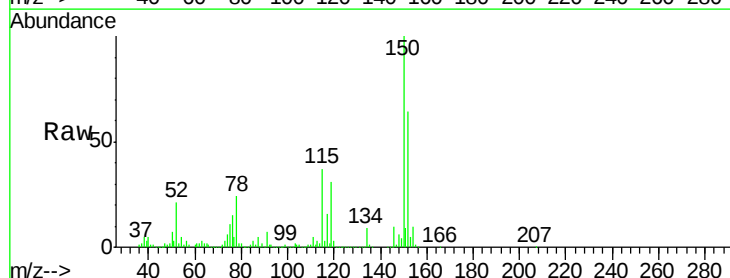
Tgt Ion:152 Resp: 248204

Ion Ratio Lower Upper

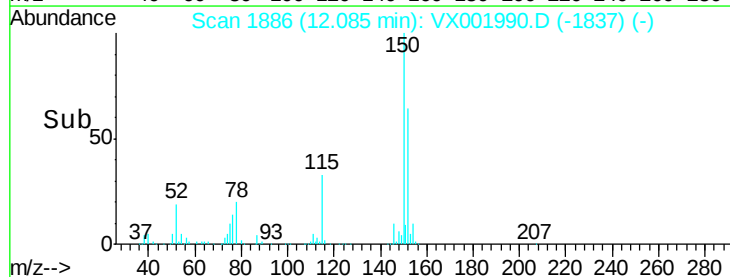
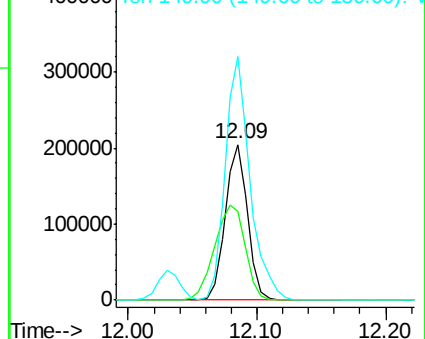
152 100

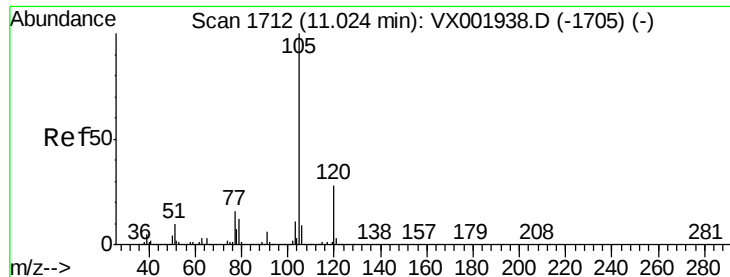
115 83.7 42.3 126.8

150 174.7 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: 46.98 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

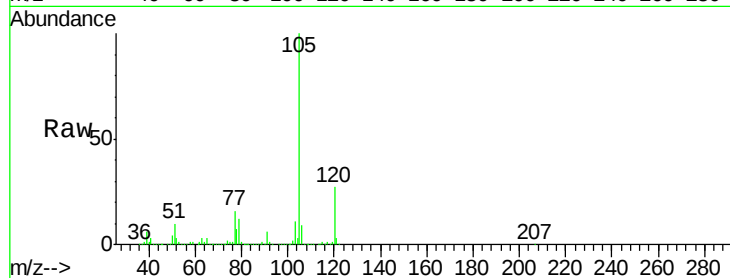
VSTDCCC050

Tgt Ion:105 Resp: 987448

Ion Ratio Lower Upper

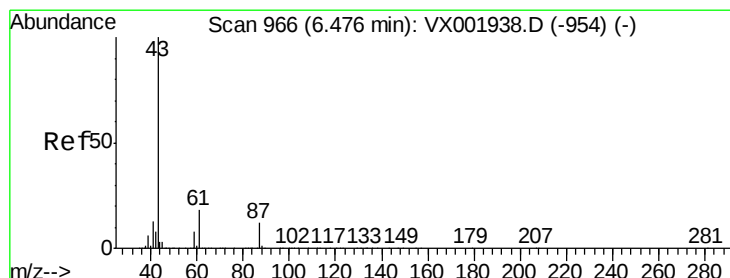
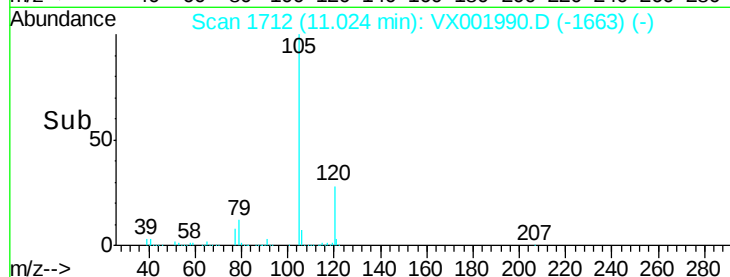
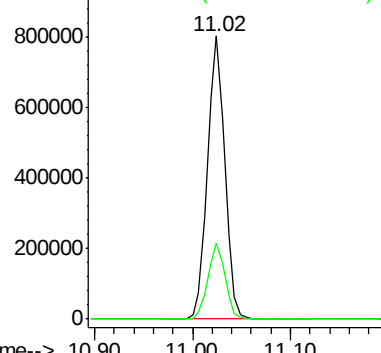
105 100

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: 52.26 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Tgt Ion: 43 Resp: 568254

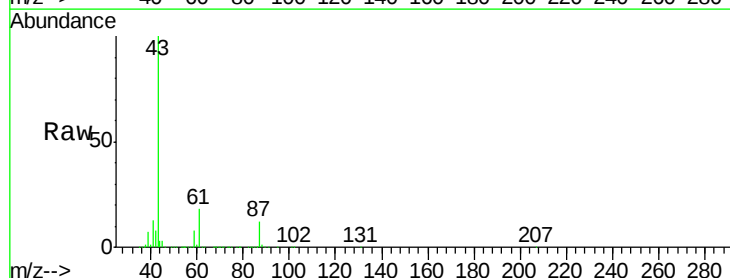
Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1

61 17.9 14.5 21.7

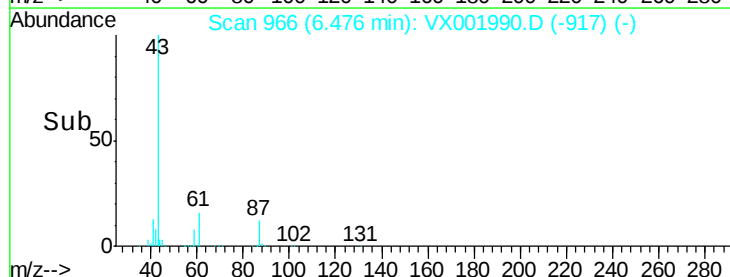
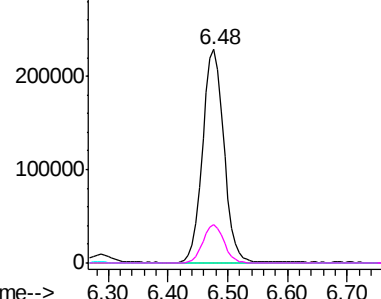


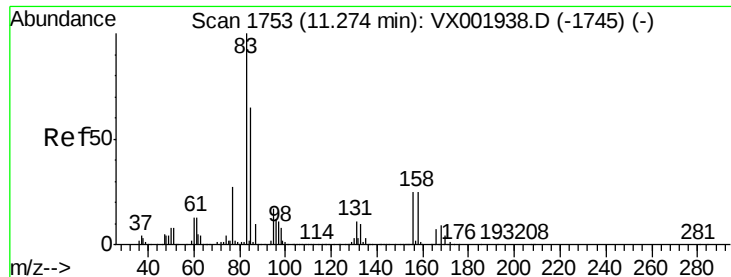
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.64 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

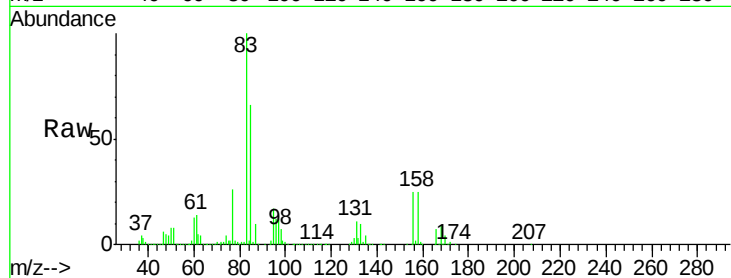
Tgt Ion: 83 Resp: 296617

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

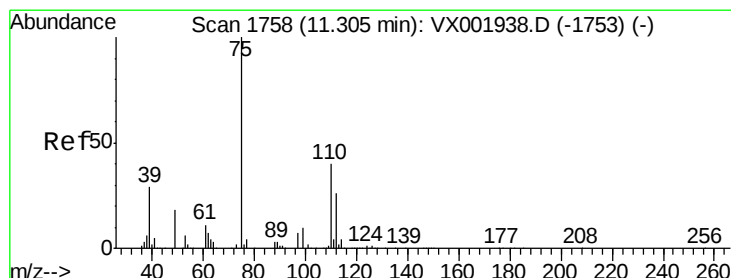
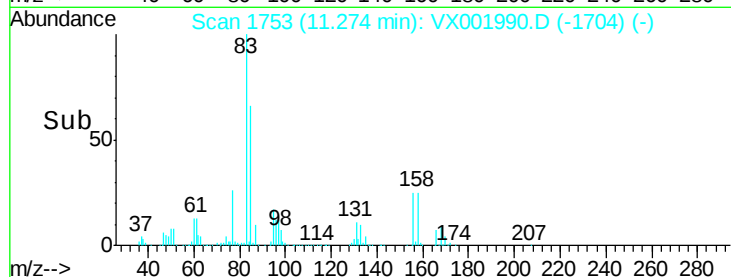
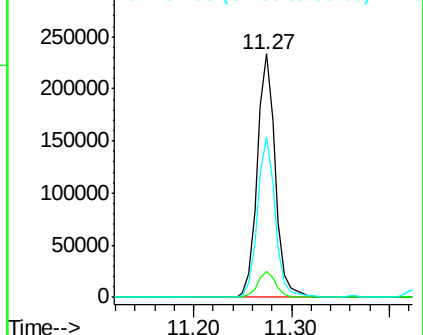
85 64.8 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.48 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001990.D

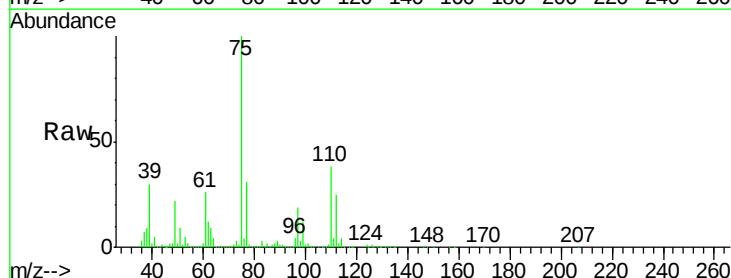
Acq: 25 May 2018 21:30

Tgt Ion: 75 Resp: 372482

Ion Ratio Lower Upper

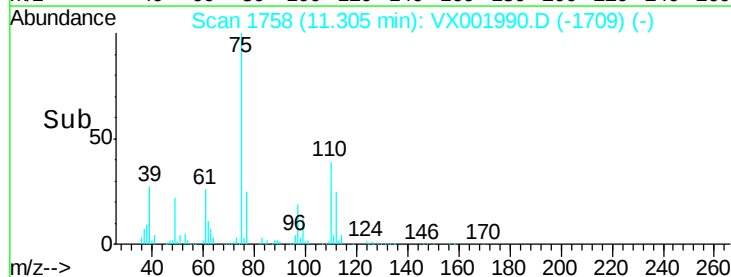
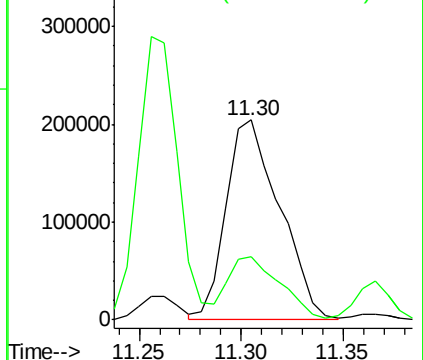
75 100

77 30.5 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.33 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

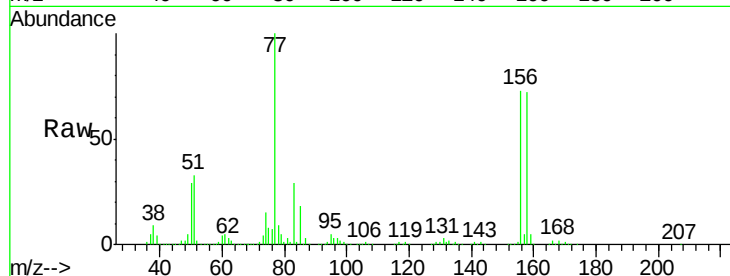
Tgt Ion:156 Resp: 263943

Ion Ratio Lower Upper

156 100

77 148.2 75.2 225.6

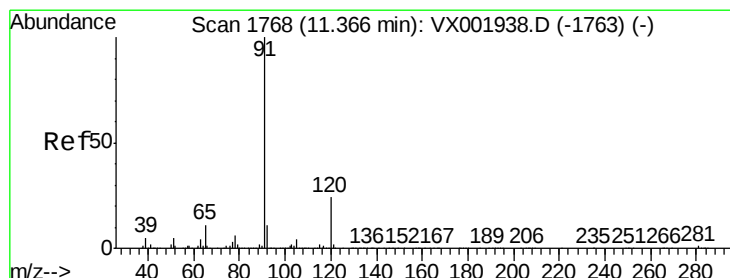
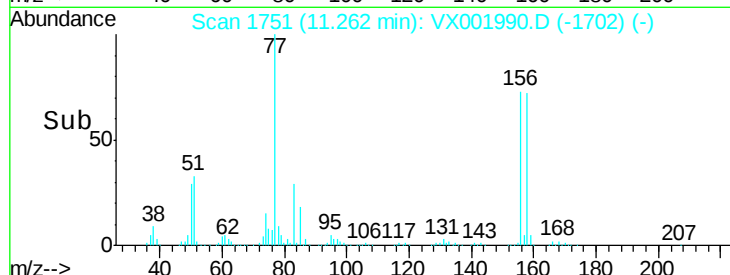
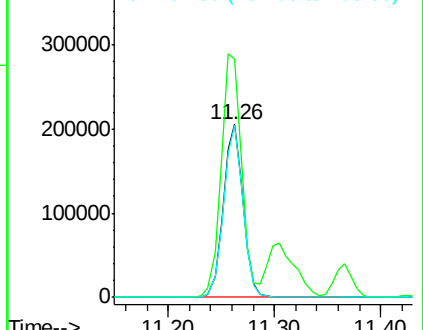
158 98.3 48.6 145.8



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: 47.45 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001990.D

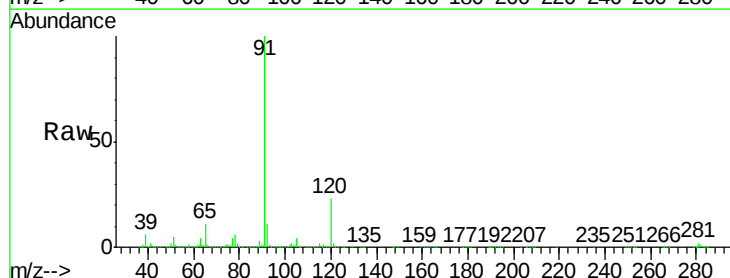
Acq: 25 May 2018 21:30

Tgt Ion: 91 Resp: 1117095

Ion Ratio Lower Upper

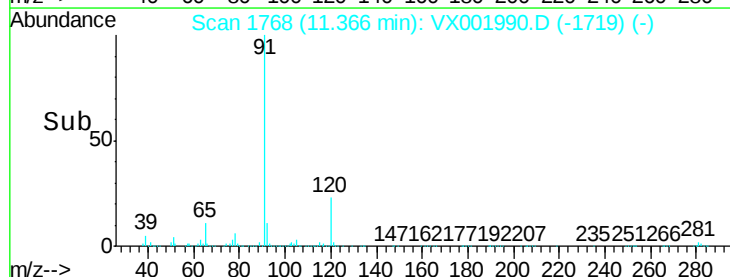
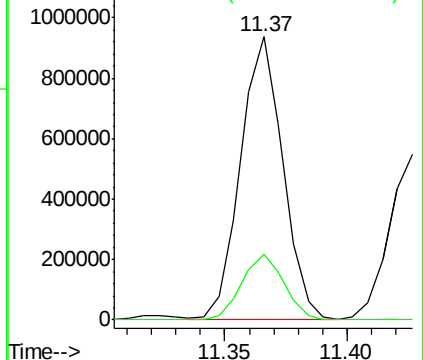
91 100

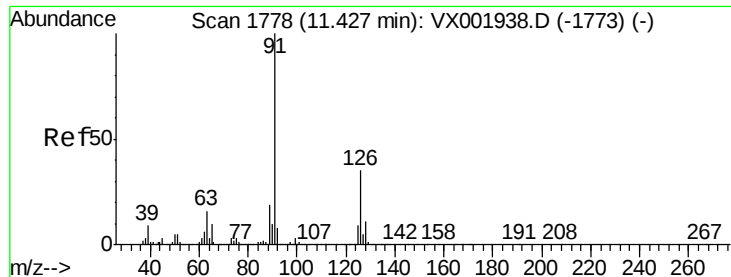
120 23.4 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.79 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

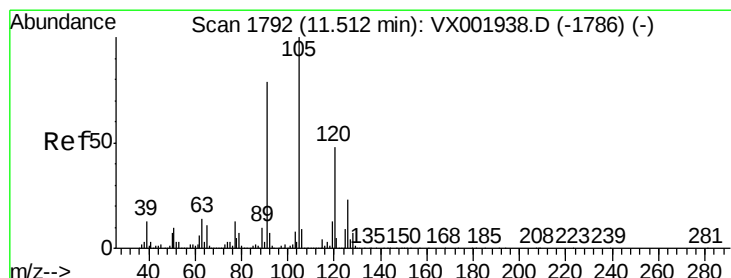
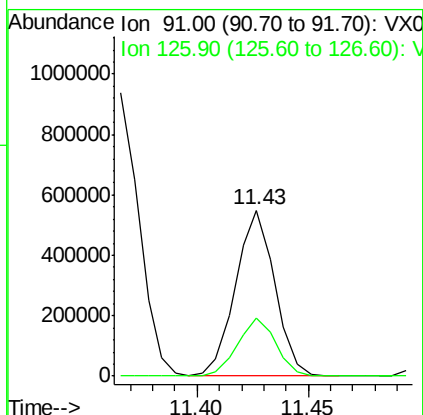
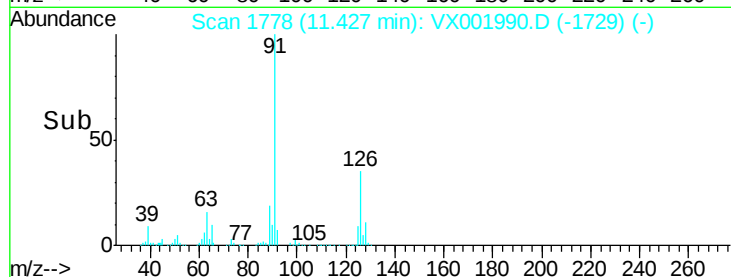
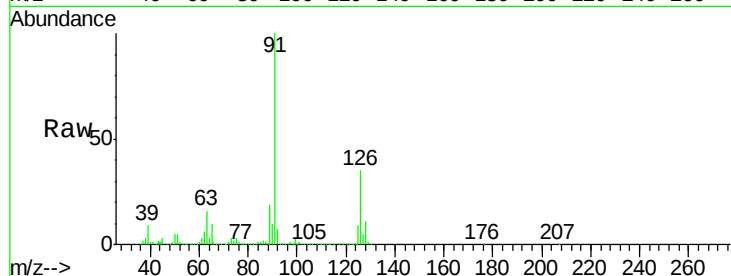
VSTDCCC050

Tgt Ion: 91 Resp: 667664

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 46.83 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001990.D

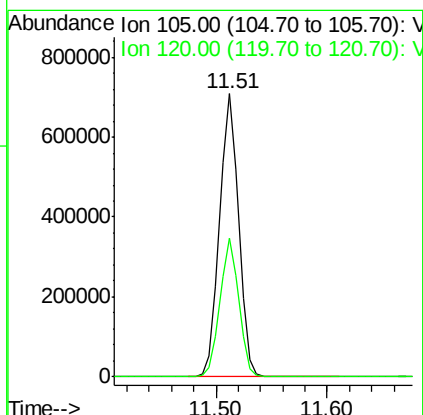
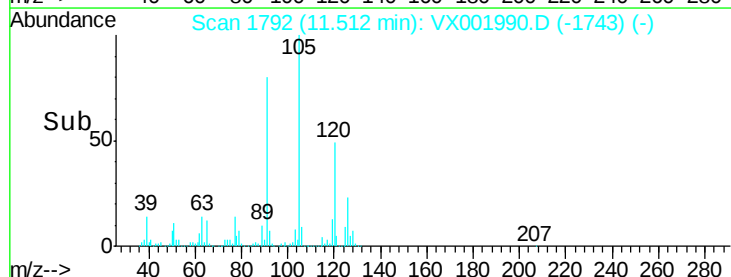
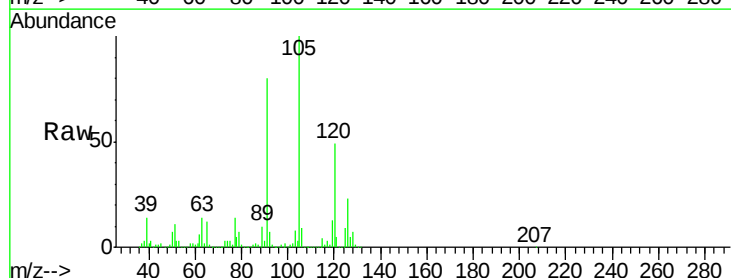
Acq: 25 May 2018 21:30

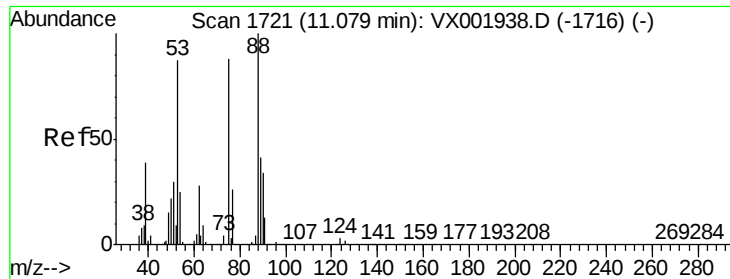
Tgt Ion: 105 Resp: 841077

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 38.55 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

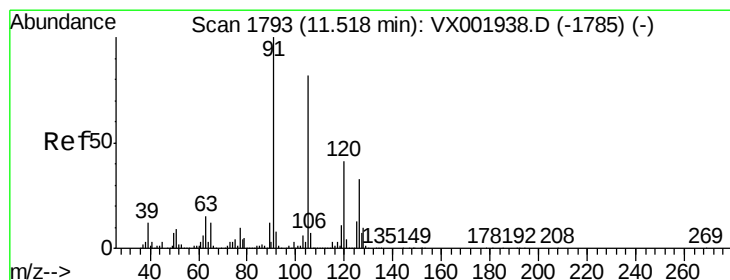
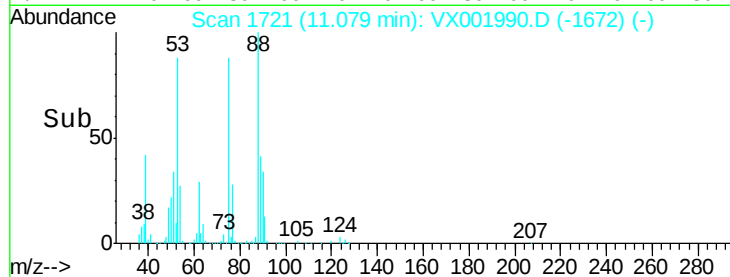
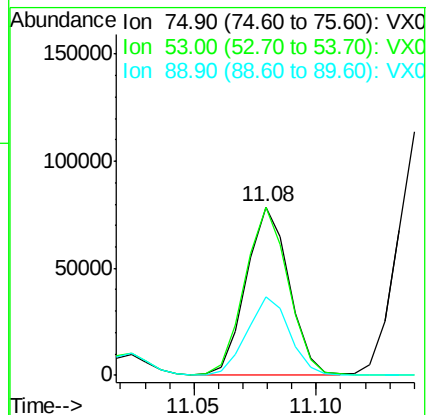
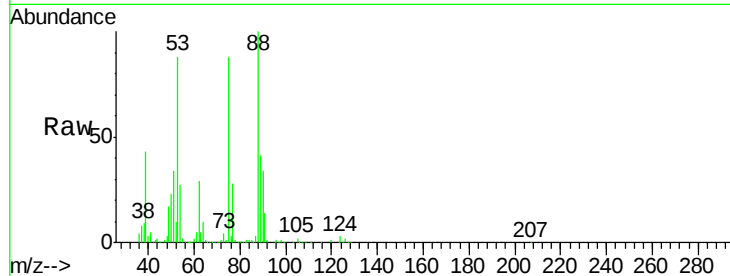
Tgt Ion: 75 Resp: 95635

Ion Ratio Lower Upper

75 100

53 100.3 78.0 117.0

89 46.8 39.4 59.2



#82

4-Chlorotoluene

Concen: 47.20 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001990.D

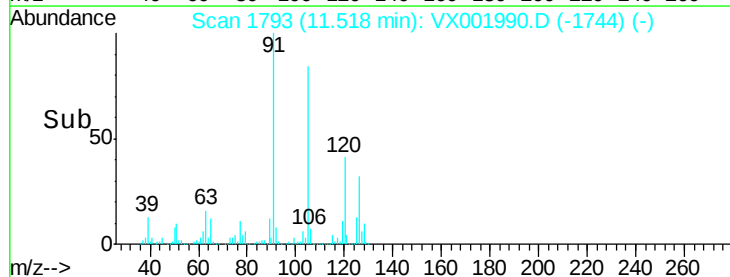
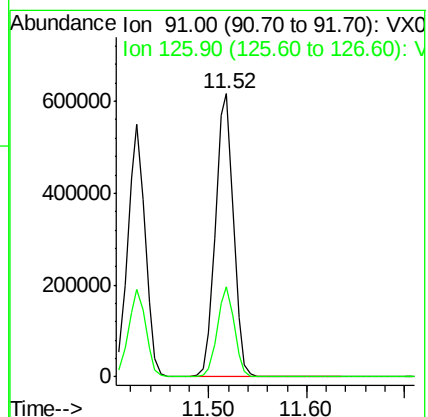
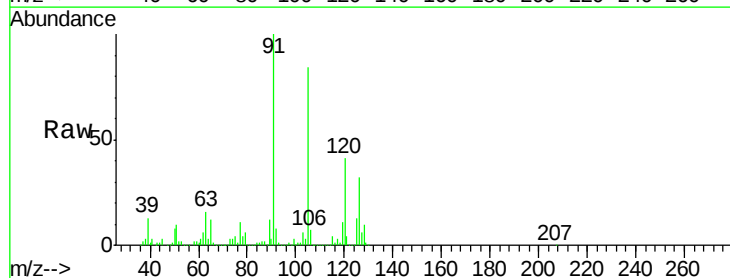
Acq: 25 May 2018 21:30

Tgt Ion: 91 Resp: 783731

Ion Ratio Lower Upper

91 100

126 30.4 15.3 45.8

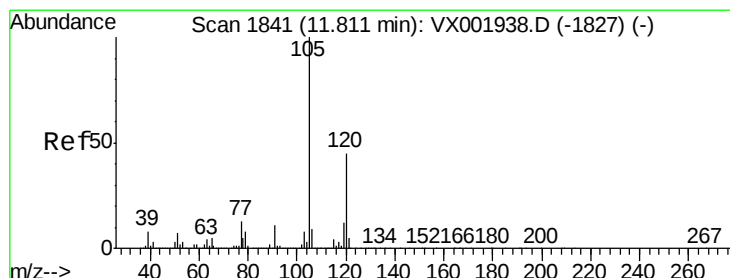
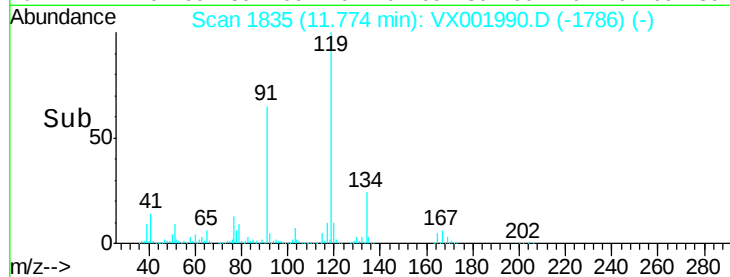
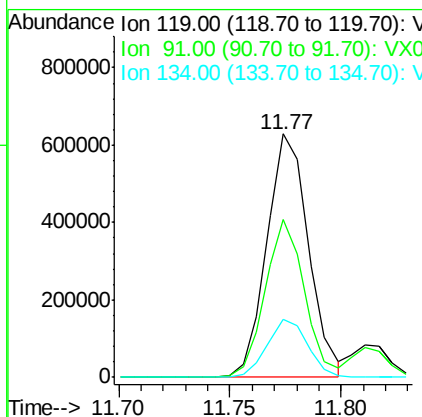
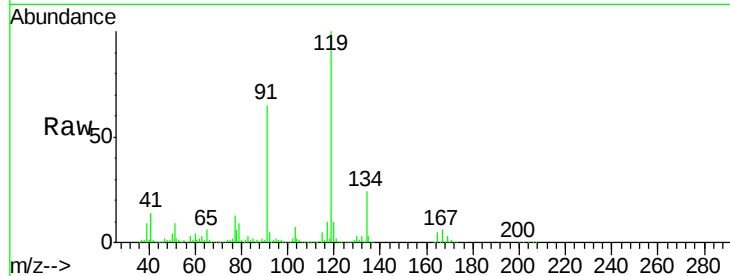




#83
 tert-Butylbenzene
 Concen: 46.35 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

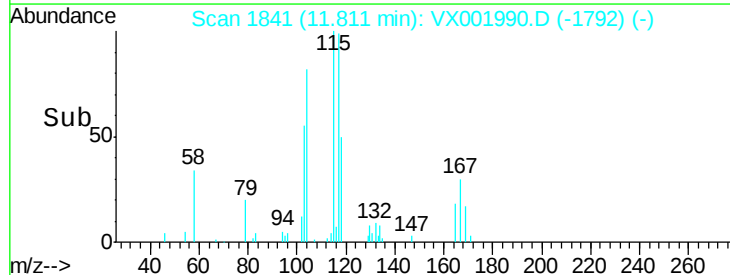
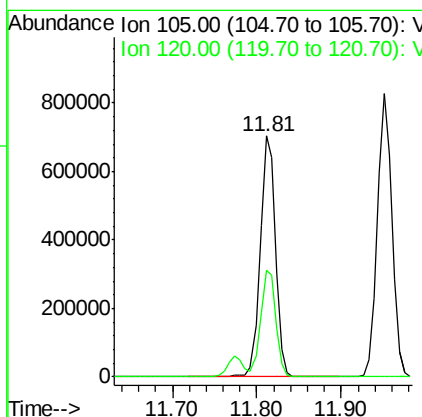
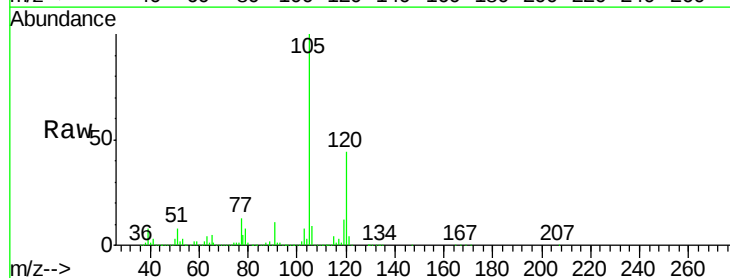
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

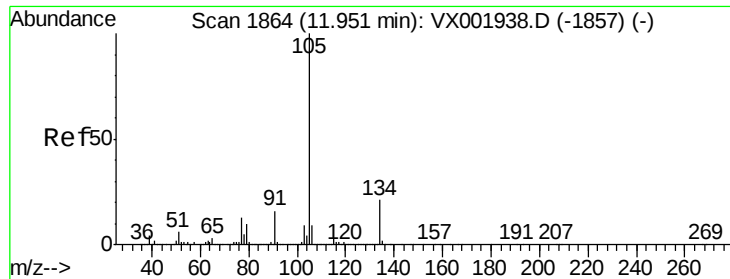
Tgt Ion:119 Resp: 817044
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.6 91.8
 134 23.3 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 46.94 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Tgt Ion:105 Resp: 871216
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.1 66.5

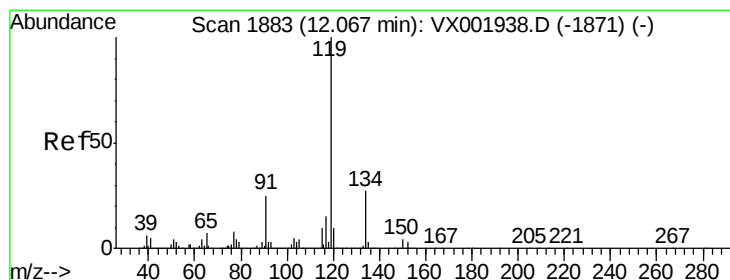
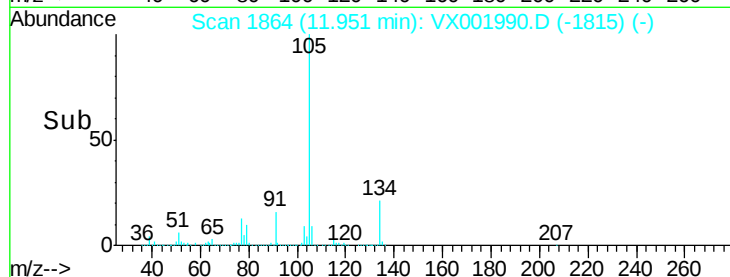
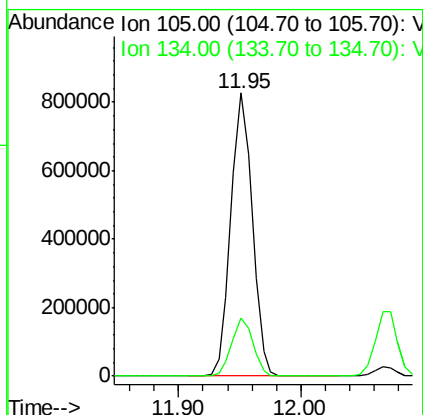
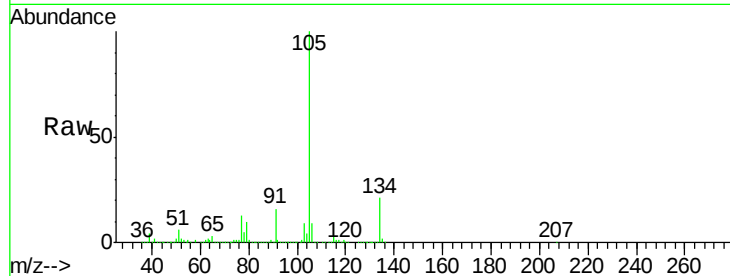




#85
 sec-Butylbenzene
 Concen: 47.21 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

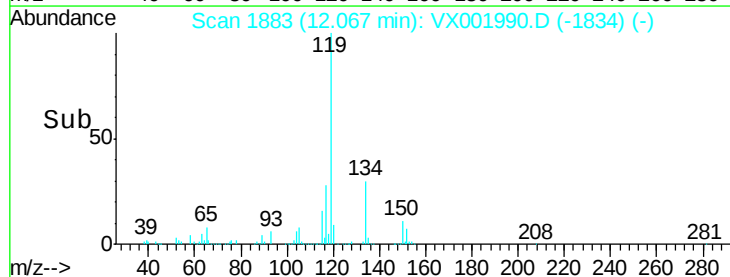
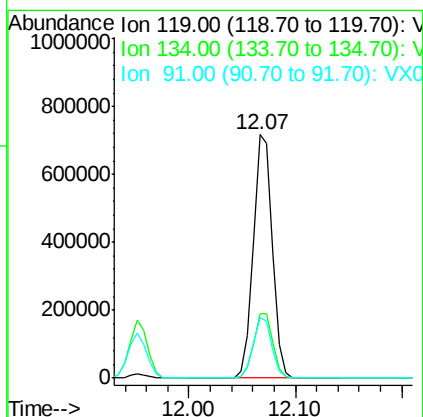
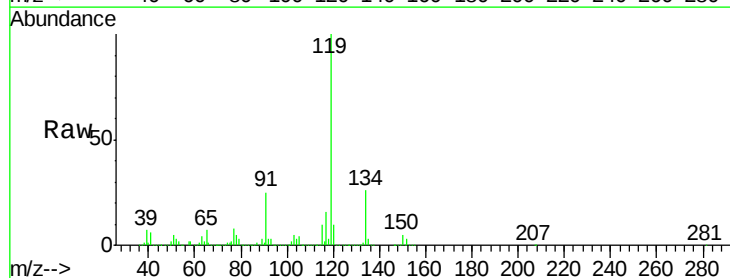
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

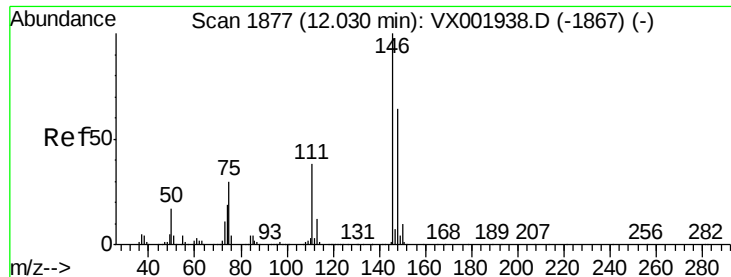
Tgt Ion:105 Resp: 1000314
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 47.34 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Tgt Ion:119 Resp: 897631
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.8
 91 24.3 12.2 36.4

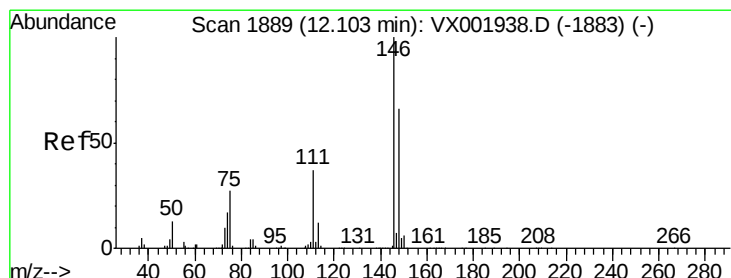
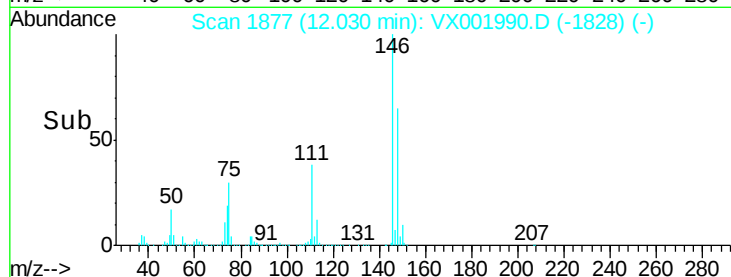
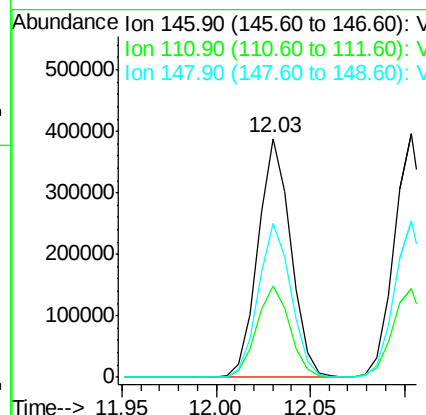
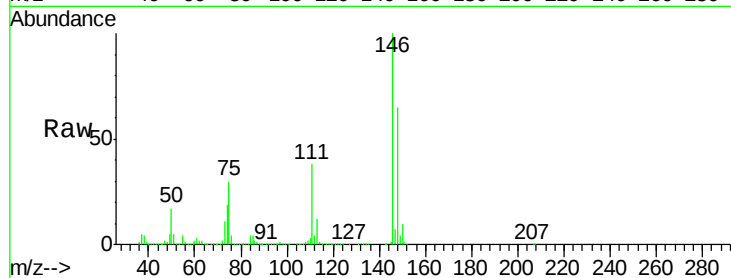




#87
 1,3-Dichlorobenzene
 Concen: 46.89 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

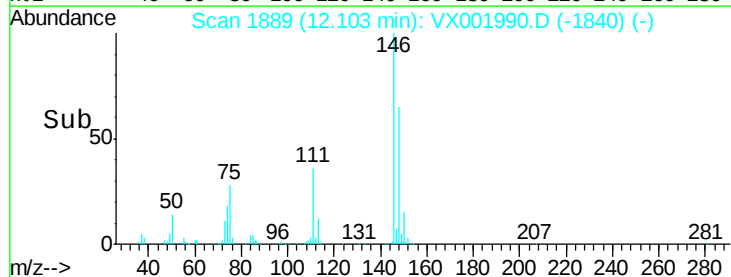
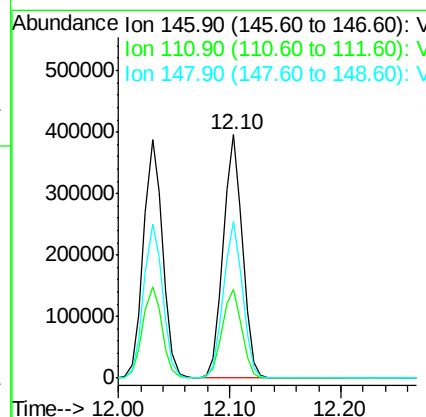
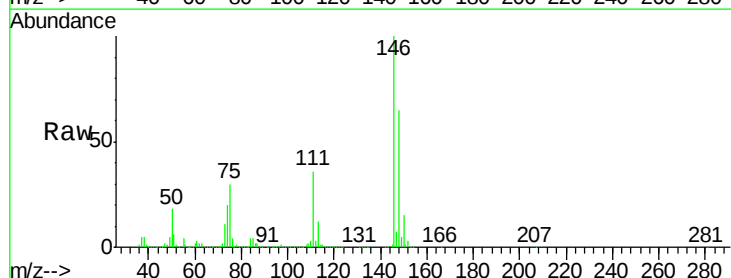
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.8
148	64.4	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 47.35 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.5
148	64.5	32.3	96.8

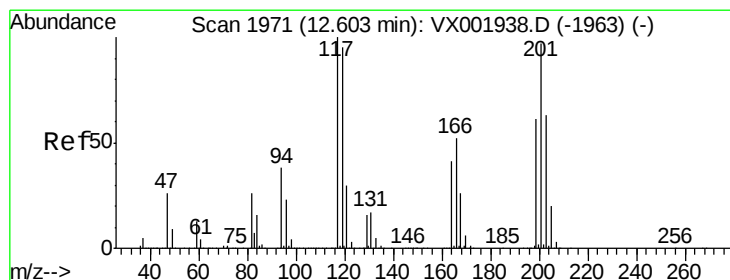
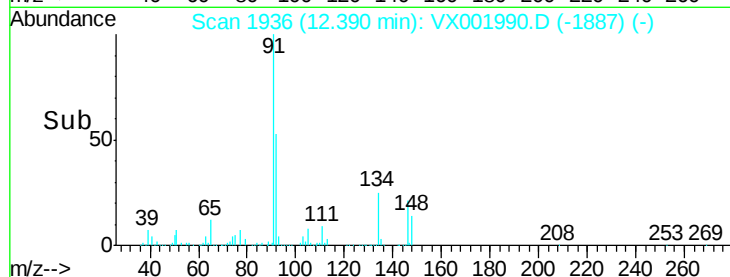
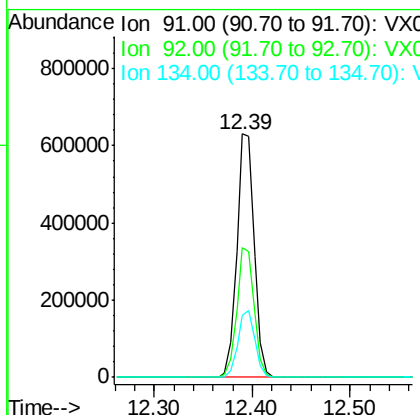
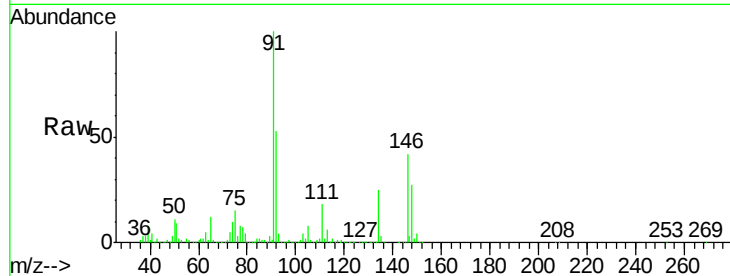




#89
n-Butylbenzene
Concen: 47.88 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

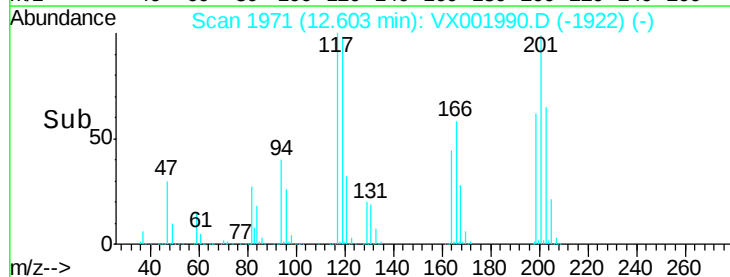
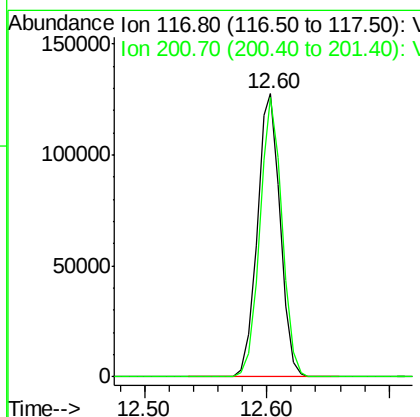
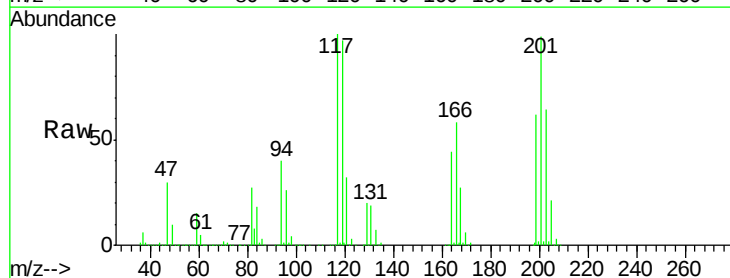
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

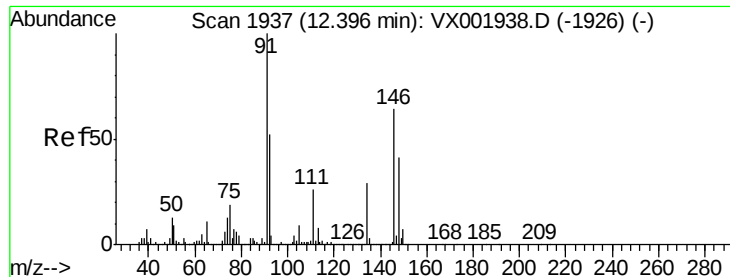
Tgt Ion: 91 Resp: 769190
Ion Ratio Lower Upper
91 100
92 53.0 26.3 78.9
134 27.0 13.6 40.7



#90
Hexachloroethane
Concen: 44.46 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion: 117 Resp: 166290
Ion Ratio Lower Upper
117 100
201 95.8 48.0 144.0





#91

1,2-Dichlorobenzene

Concen: 47.73 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

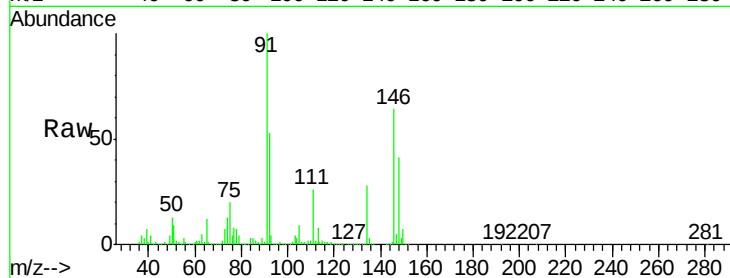
Tgt Ion:146 Resp: 485670

Ion Ratio Lower Upper

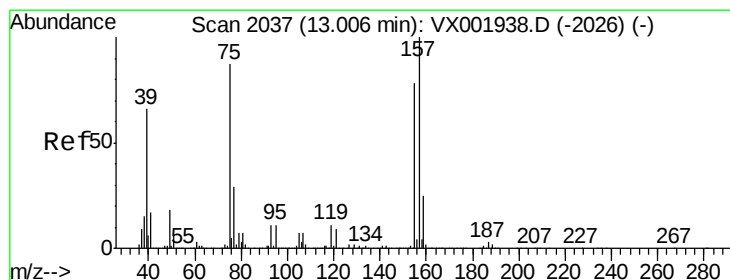
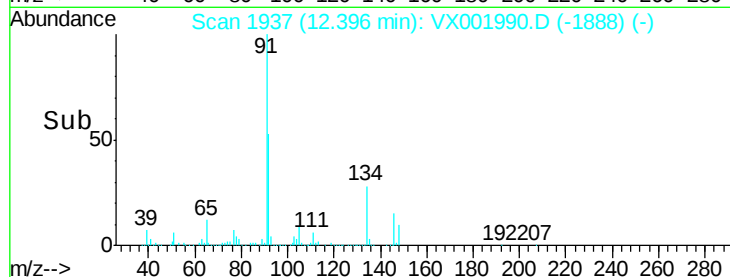
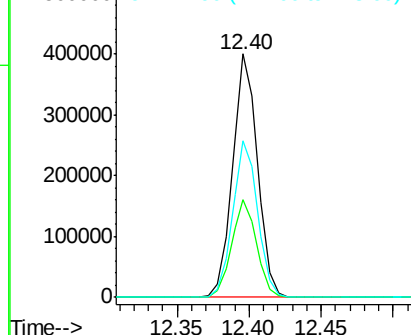
146 100

111 39.9 19.8 59.3

148 64.4 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: 44.98 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001990.D

Acq: 25 May 2018 21:30

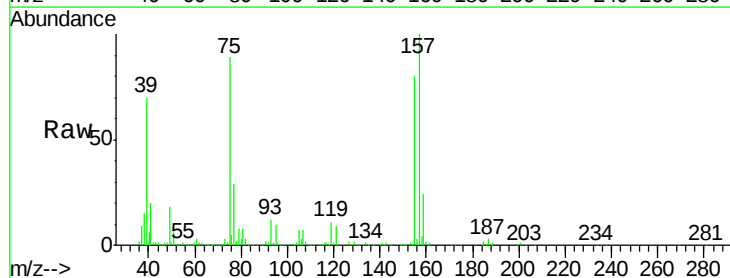
Tgt Ion: 75 Resp: 84051

Ion Ratio Lower Upper

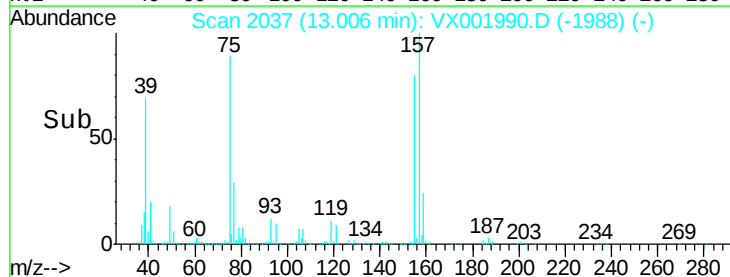
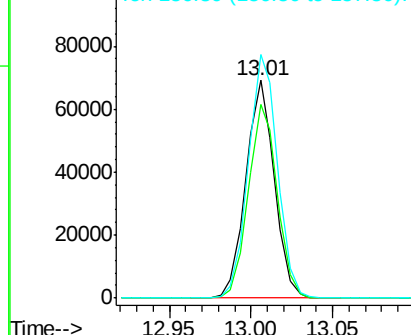
75 100

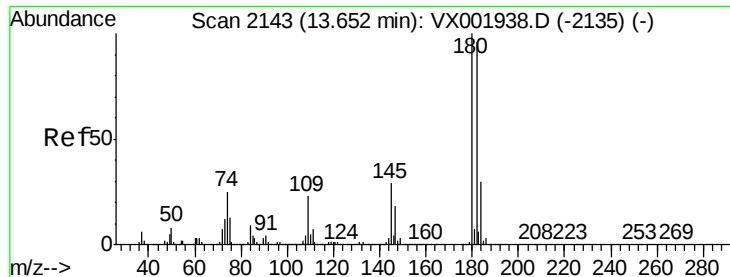
155 90.3 45.1 135.2

157 114.7 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

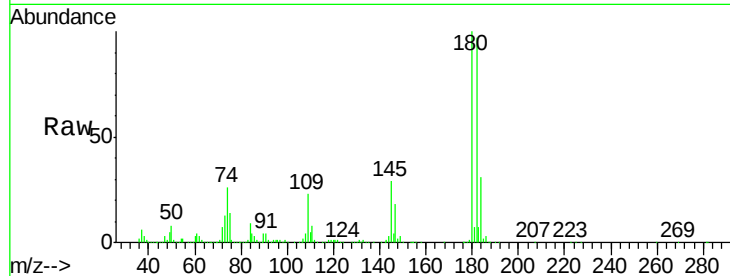




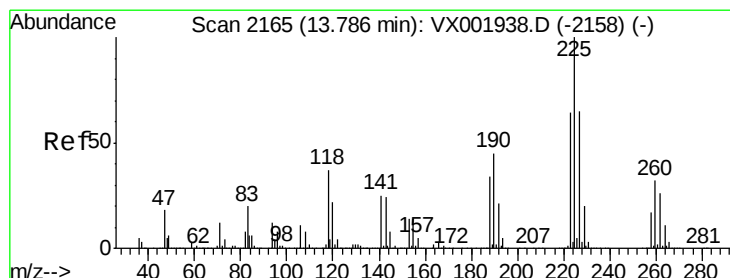
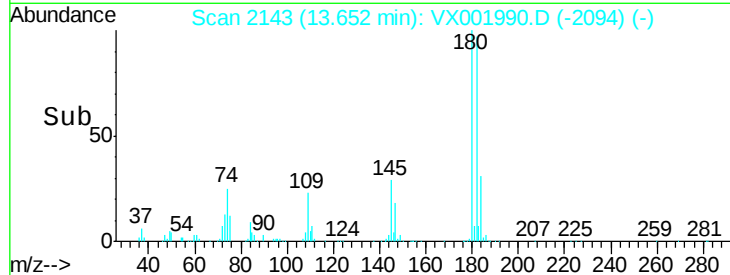
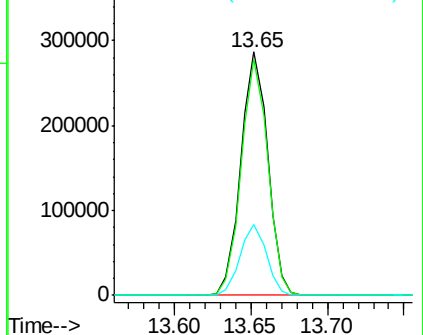
#93
 1,2,4-Trichlorobenzene
 Concen: 48.08 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 349824
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.7 143.1
 145 28.6 14.4 43.0

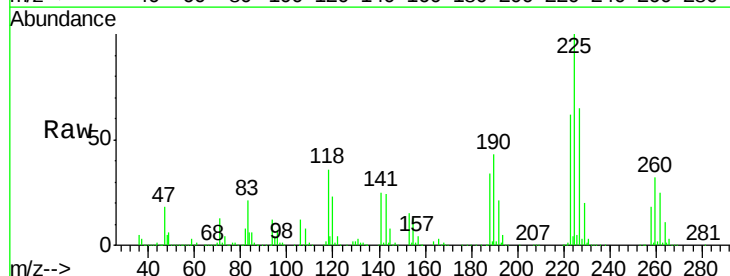


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

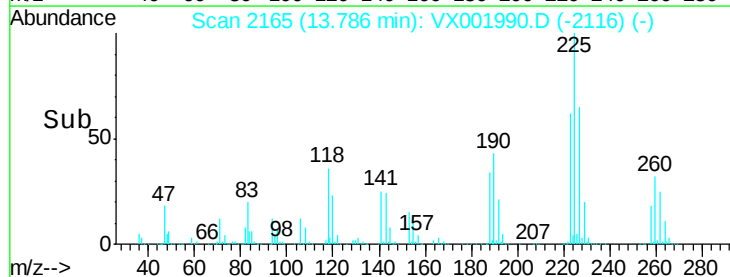
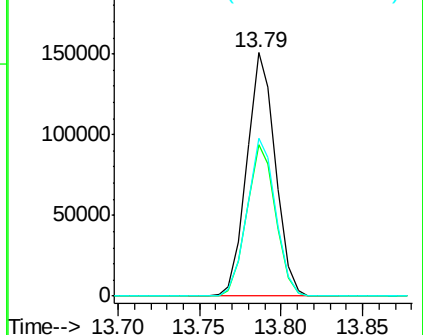


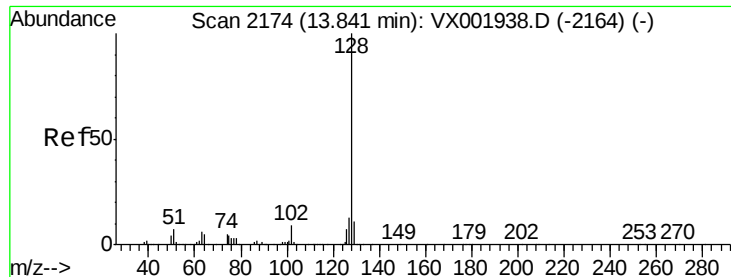
#94
 Hexachlorobutadiene
 Concen: 46.98 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001990.D
 Acq: 25 May 2018 21:30

Tgt Ion:225 Resp: 183879
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.1 93.5
 227 65.0 32.1 96.5



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

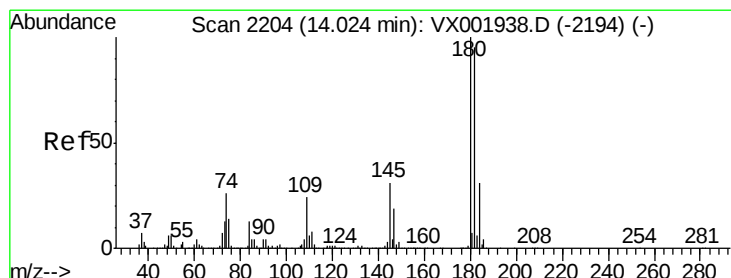
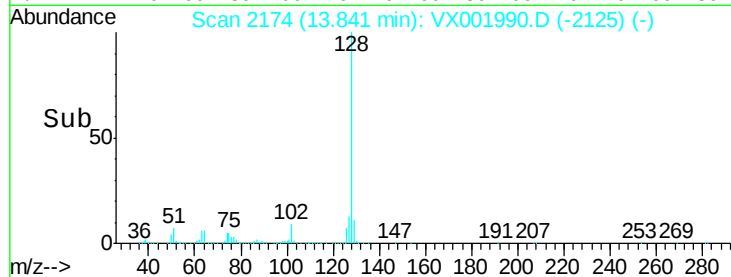
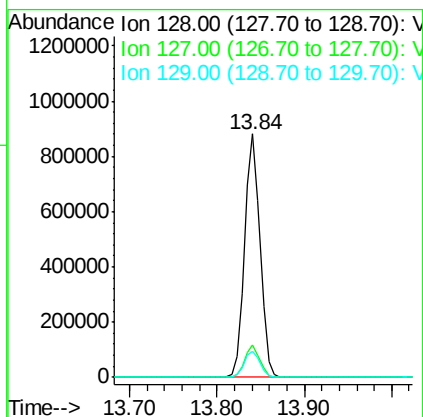
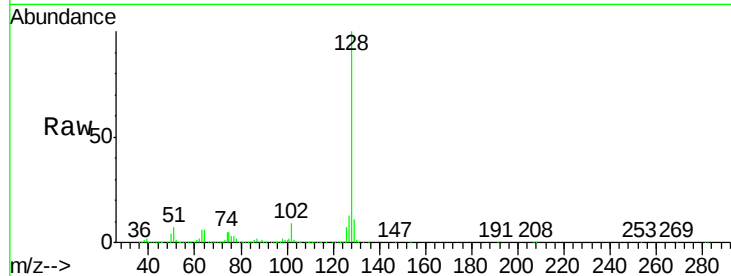




#95
Naphthalene
Concen: 47.86 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1072881
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 48.02 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001990.D
Acq: 25 May 2018 21:30

Tgt Ion:180 Resp: 361545
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.6
145 30.2 15.1 45.3

