

Data File : VX001138.D

Acq On : 26 Apr 2018 18:20

Operator : JC/MD

Sample : VSTDICCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Apr 27 01:23:19 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:18:12 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	235122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	327804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	213374	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169580	55.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.54%	
35) Dibromofluoromethane	5.51	113	133646	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
50) Toluene-d8	8.72	98	494530	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
62) 4-Bromofluorobenzene	11.14	95	196830	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113880	41.09	ug/l	100
3) Chloromethane	1.32	50	118868	44.81	ug/l	100
4) Vinyl Chloride	1.40	62	129621	46.64	ug/l	100
5) Bromomethane	1.64	94	85292	49.43	ug/l	100
6) Chloroethane	1.72	64	83606	49.80	ug/l	100
7) Trichlorofluoromethane	1.93	101	206129	48.86	ug/l	100
8) Diethyl Ether	2.19	74	81972	51.77	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112870	46.02	ug/l	100
10) Methyl Iodide	2.51	142	114007	54.78	ug/l	100
11) Tert butyl alcohol	3.09	59	180470	354.11	ug/l	100
12) 1,1-Dichloroethene	2.37	96	111633	48.77	ug/l	100
13) Acrolein	2.30	56	64916	377.51	ug/l	100
14) Allyl chloride	2.73	41	217023	51.80	ug/l	100
15) Acrylonitrile	3.16	53	367637	289.45	ug/l	100
16) Acetone	2.45	43	352487	298.12	ug/l	100
17) Carbon Disulfide	2.57	76	288796	44.83	ug/l	100
18) Methyl Acetate	2.79	43	184909	53.91	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	424016	53.89	ug/l	100
20) Methylene Chloride	2.86	84	129099	48.79	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	123652	48.27	ug/l	100
22) Diisopropyl ether	3.89	45	424400	52.35	ug/l	100
23) Vinyl Acetate	3.83	43	1875714	275.70	ug/l	100
24) 1,1-Dichloroethane	3.70	63	217830	48.38	ug/l	100
25) 2-Butanone	4.72	43	539553	293.87	ug/l	100
26) 2,2-Dichloropropane	4.59	77	173621	45.57	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	140568	49.33	ug/l	100
28) Bromochloromethane	5.03	49	105134	58.56	ug/l	100
29) Tetrahydrofuran	5.18	42	346307	298.06	ug/l	100
30) Chloroform	5.23	83	238647	50.87	ug/l	100
31) Cyclohexane	5.58	56	183160	44.21	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	208891	49.98	ug/l	100
36) 1,1-Dichloropropene	5.81	75	168386	44.34	ug/l	100
37) Ethyl Acetate	4.87	43	207238	56.70	ug/l	100
38) Carbon Tetrachloride	5.79	117	179667	46.61	ug/l	100

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MSVOA_X
ClientSampleId :
VSTDICCC050

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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 27 01:18:12 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	188617	43.02	ug/l	100
40) Benzene	6.15	78	512288	48.00	ug/l	100
41) Methacrylonitrile	5.07	41	117229	51.96	ug/l	100
42) 1,2-Dichloroethane	6.21	62	205986	49.80	ug/l	100
43) Isopropyl Acetate	6.48	43	336860	54.30	ug/l	100
44) Trichloroethene	7.22	130	149349	46.06	ug/l	100
45) 1,2-Dichloropropane	7.52	63	135477	50.26	ug/l	100
46) Dibromomethane	7.67	93	94449	49.93	ug/l	100
47) Bromodichloromethane	7.91	83	176426	50.65	ug/l	100
48) Methyl methacrylate	7.79	41	178160	53.57	ug/l	100
49) 1,4-Dioxane	7.77	88	73670	1390.79	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1114771	291.40	ug/l	100
52) Toluene	8.79	92	334918	48.13	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	211964	51.02	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	201936	51.59	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	140900	50.41	ug/l	100
56) Ethyl methacrylate	9.19	69	218674	53.00	ug/l	100
57) 1,3-Dichloropropane	9.38	76	230042	49.75	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	505998	253.62	ug/l	100
59) 2-Hexanone	9.51	43	870696	296.00	ug/l	100
60) Dibromochloromethane	9.59	129	154862	52.95	ug/l	100
61) 1,2-Dibromoethane	9.68	107	153736	51.97	ug/l	100
64) Tetrachloroethene	9.34	164	155793	47.07	ug/l	100
65) Chlorobenzene	10.15	112	396511	47.74	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	146686	51.33	ug/l	100
67) Ethyl Benzene	10.26	91	647820	47.14	ug/l	100
68) m/p-Xylenes	10.37	106	514678	95.02	ug/l	100
69) o-Xylene	10.71	106	253044	48.31	ug/l	100
70) Styrene	10.72	104	423039	49.07	ug/l	100
71) Bromoform	10.87	173	128522	54.42	ug/l	100
73) Isopropylbenzene	11.02	105	664186	47.85	ug/l	100
74) N-amyl acetate	6.48	43	336860	54.98	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	221581	54.97	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	256344	67.34	ug/l	89
77) Bromobenzene	11.26	156	195941	48.48	ug/l	100
78) n-propylbenzene	11.37	91	755107	47.42	ug/l	100
79) 2-Chlorotoluene	11.43	91	457380	48.40	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	574184	48.70	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59053	55.75	ug/l	100
82) 4-Chlorotoluene	11.52	91	547868	48.01	ug/l	100
83) tert-Butylbenzene	11.77	119	579254	48.80	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	597676	49.17	ug/l	100
85) sec-Butylbenzene	11.95	105	664299	47.04	ug/l	100
86) p-Isopropyltoluene	12.07	119	622958	47.61	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	352449	46.80	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	362686	46.80	ug/l	100
89) n-Butylbenzene	12.40	91	536262	46.25	ug/l	100
90) Hexachloroethane	12.60	117	92097	49.84	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	357799	48.78	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52441	60.86	ug/l	100

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042618\
Quantitation Report (Not Reviewed)

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ClientSampleId :
VSTDICCC050

Quant Time: Apr 27 01:23:19 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:18:12 2018
Response via : Initial Calibration

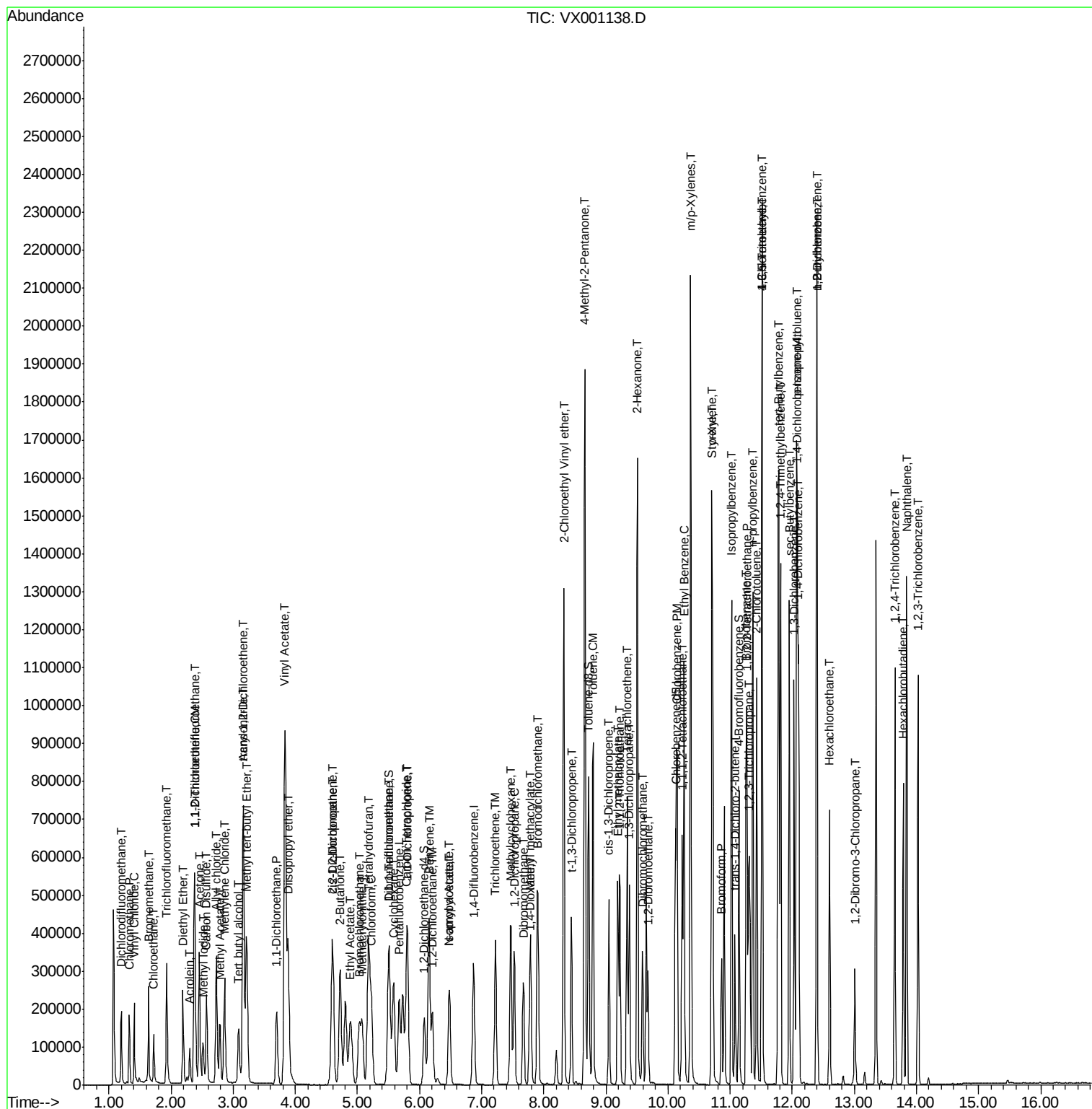
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	277152	45.48	ug/l	100
94) Hexachlorobutadiene	13.79	225	128456	46.24	ug/l	100
95) Naphthalene	13.84	128	804101	52.56	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	279545	47.15	ug/l	100

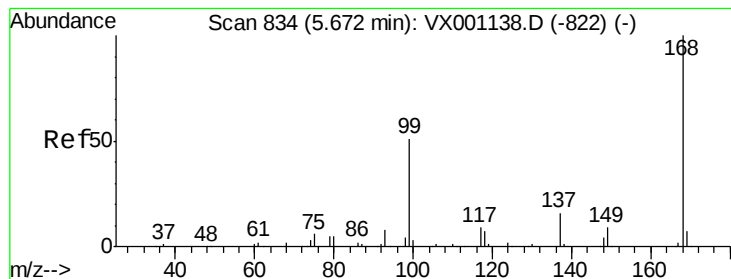
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 6 Sample Multiplier: 1

VSTDICCC050

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: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

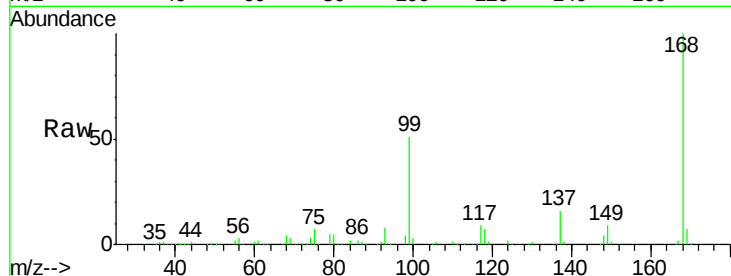
VSTDICCC050

Tgt Ion:168 Resp: 235122

Ion Ratio Lower Upper

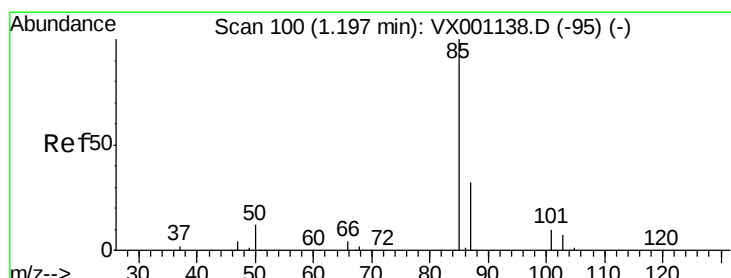
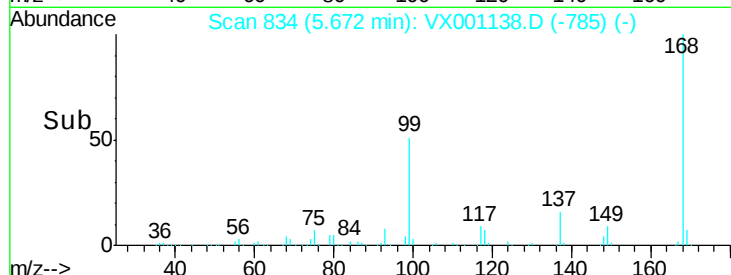
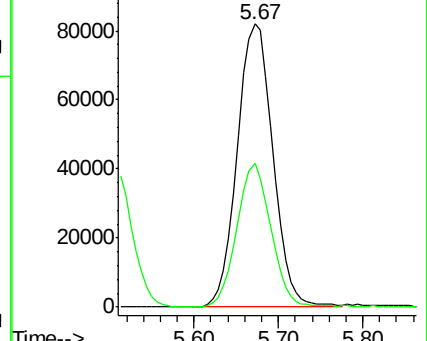
168 100

99 50.7 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 41.09 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001138.D

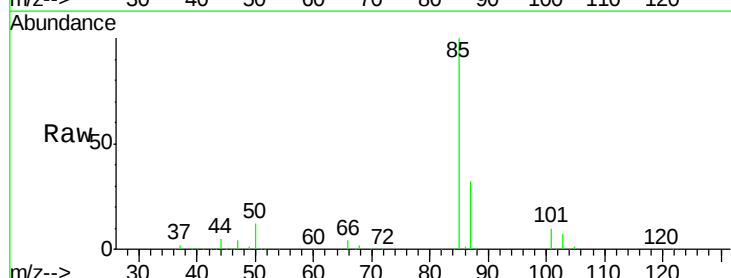
Acq: 26 Apr 2018 18:20

Tgt Ion: 85 Resp: 113880

Ion Ratio Lower Upper

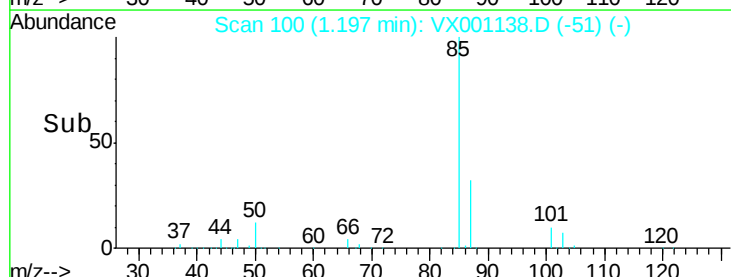
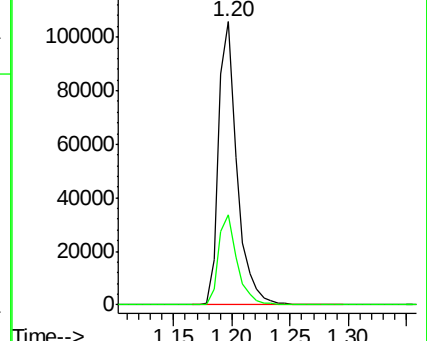
85 100

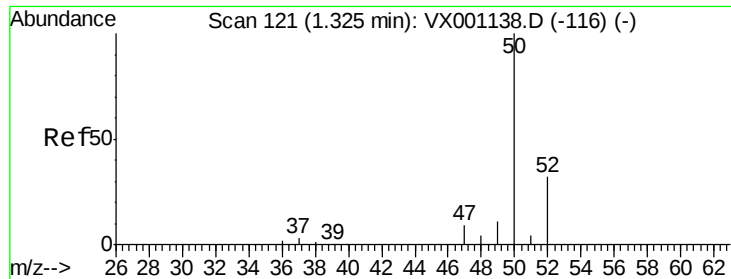
87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.81 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

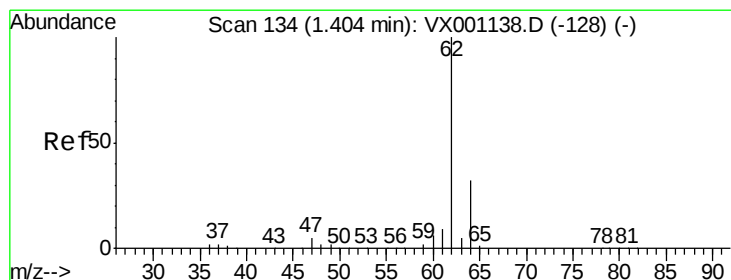
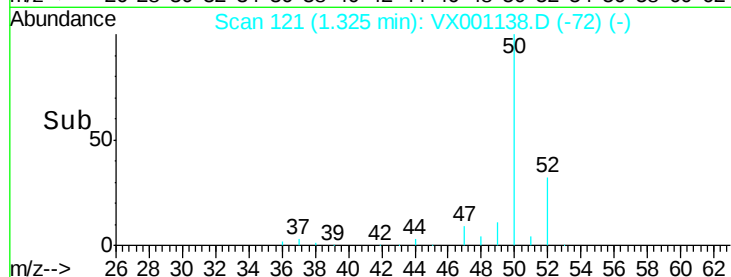
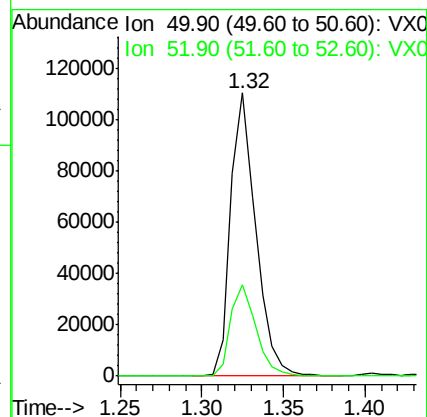
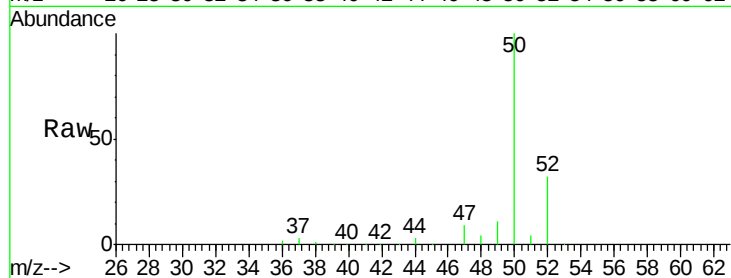
VSTDICCC050

Tgt Ion: 50 Resp: 118868

Ion Ratio Lower Upper

50 100

52 32.4 25.9 38.9



#4

Vinyl Chloride

Concen: 46.64 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001138.D

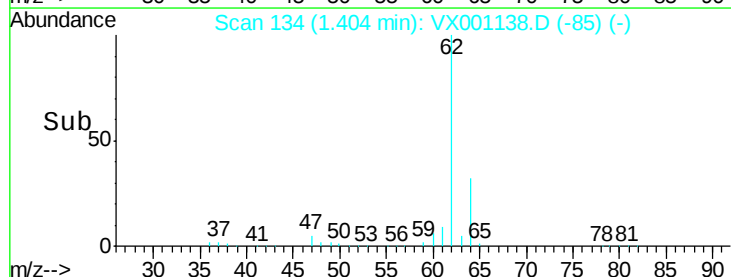
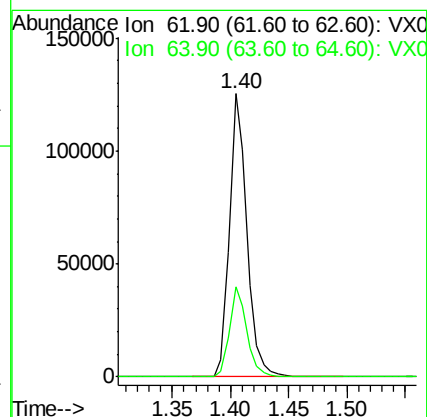
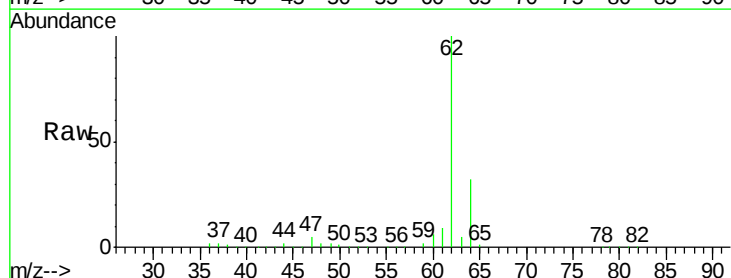
Acq: 26 Apr 2018 18:20

Tgt Ion: 62 Resp: 129621

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 49.43 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

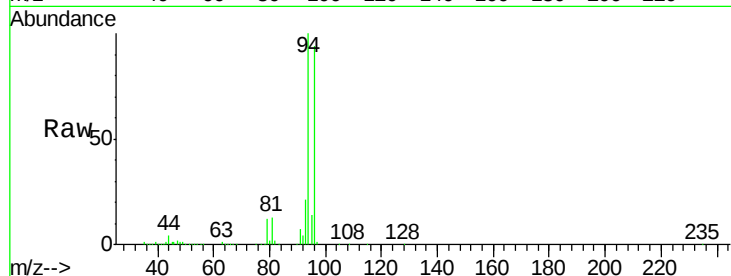
VSTDICCC050

Tgt Ion: 94 Resp: 85292

Ion Ratio Lower Upper

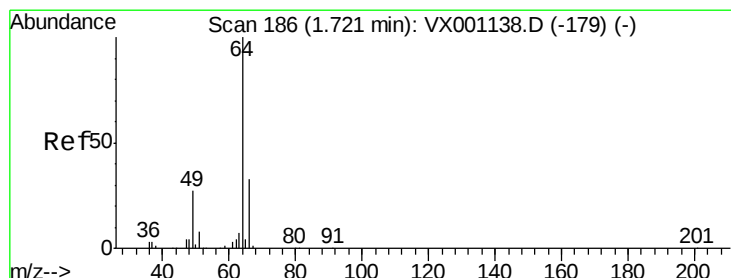
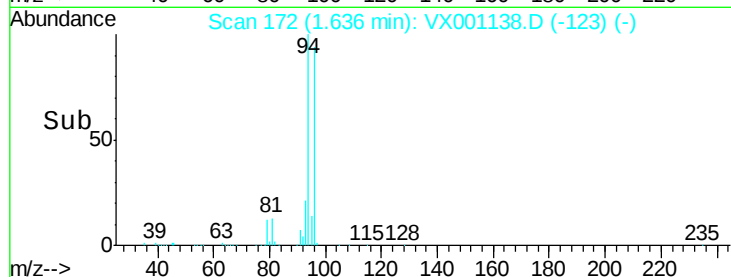
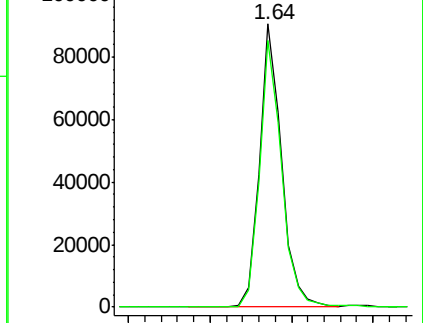
94 100

96 94.1 75.3 112.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.80 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001138.D

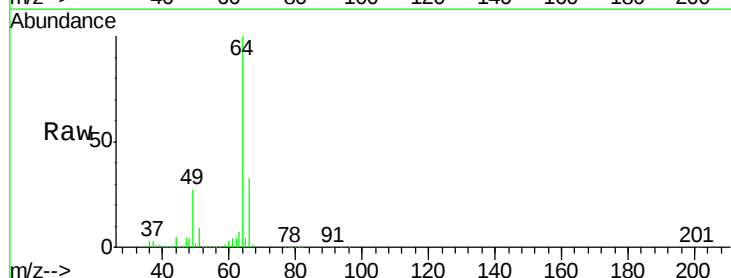
Acq: 26 Apr 2018 18:20

Tgt Ion: 64 Resp: 83606

Ion Ratio Lower Upper

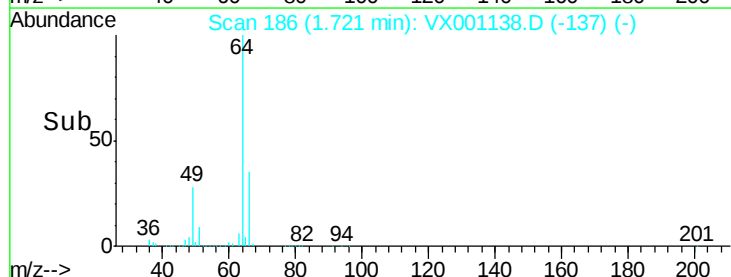
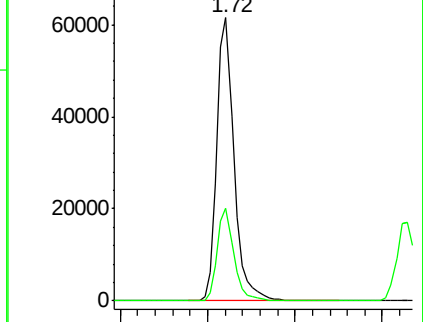
64 100

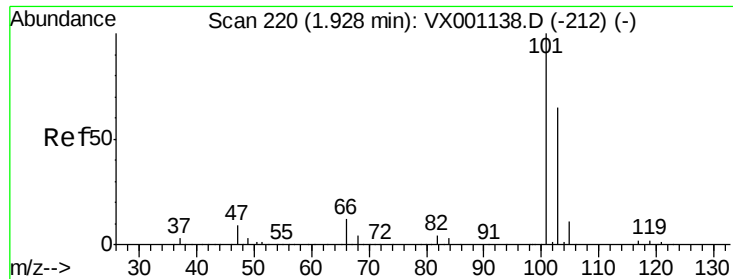
66 32.6 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 48.86 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX001138.D

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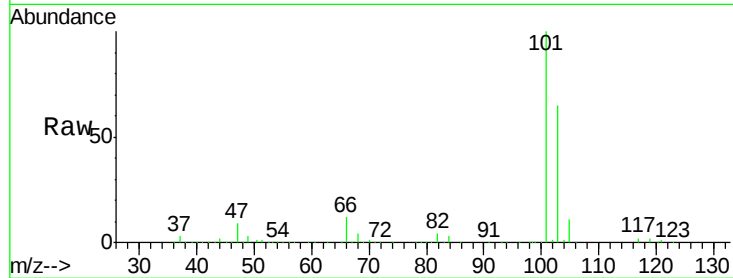
VSTDICCC050

Tgt Ion: 101 Resp: 206129

Ion Ratio Lower Upper

101 100

103 64.9 51.9 77.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

150000

100000

50000

0

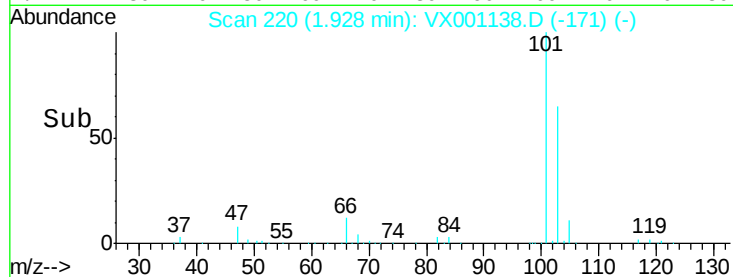
1.93

1.80

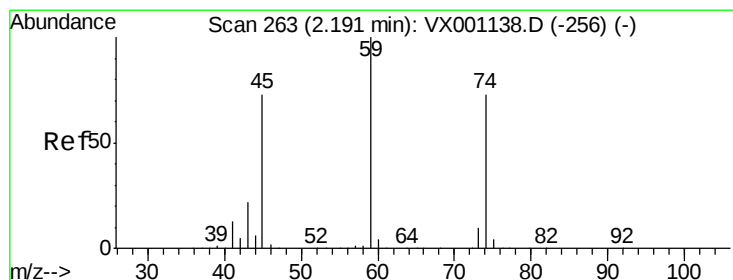
1.90

2.00

2.10



Time-->



#8

Diethyl Ether

Concen: 51.77 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001138.D

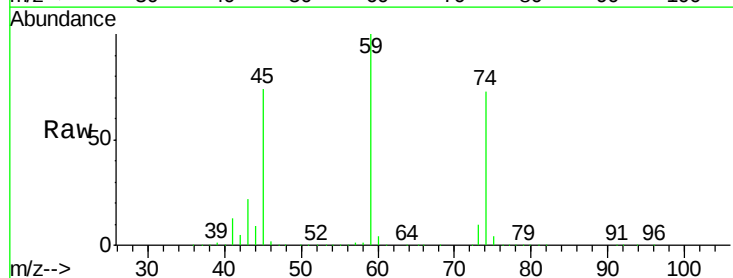
Acq: 26 Apr 2018 18:20

Tgt Ion: 74 Resp: 81972

Ion Ratio Lower Upper

74 100

45 99.1 49.5 148.7



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

60000

40000

20000

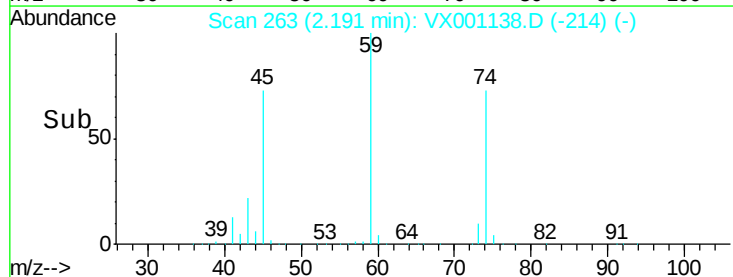
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2.19

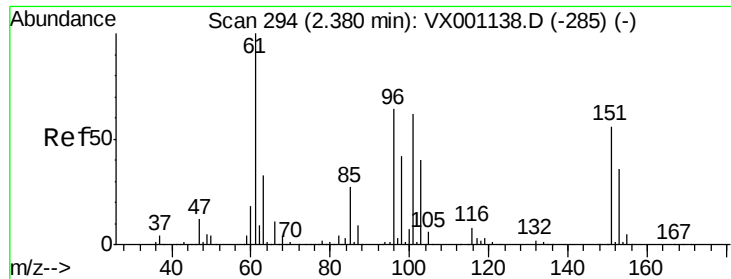
2.10

2.20

2.30



Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.02 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX001138.D

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Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

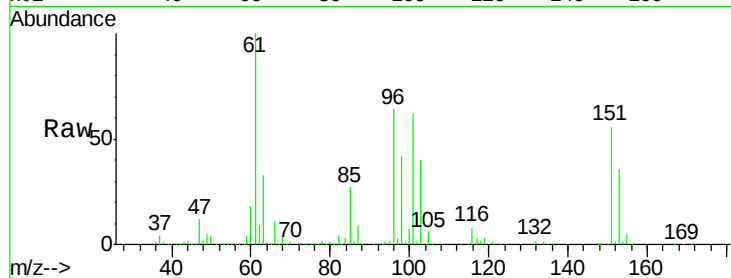
Tgt Ion:101 Resp: 112870

Ion Ratio Lower Upper

101 100

85 44.2 35.4 53.0

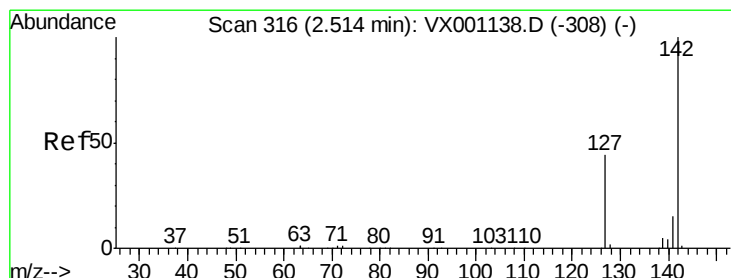
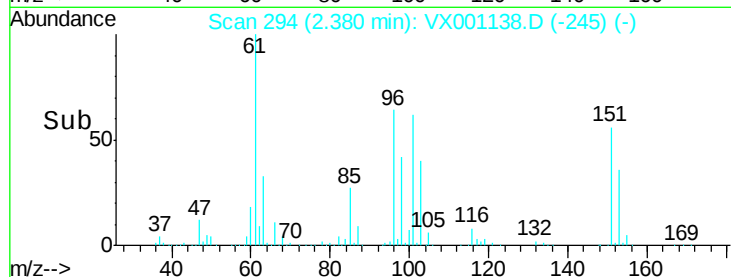
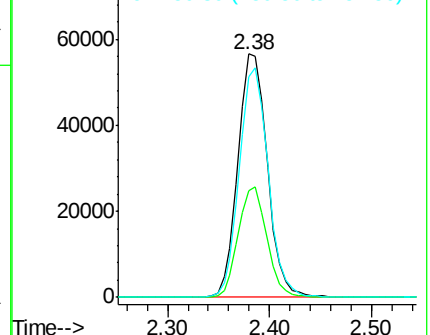
151 92.8 74.2 111.4



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: 54.78 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

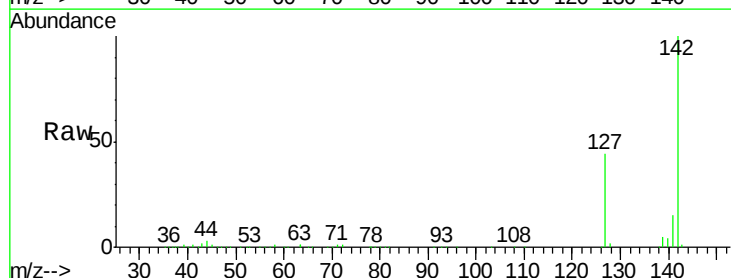
Tgt Ion:142 Resp: 114007

Ion Ratio Lower Upper

142 100

127 43.4 34.7 52.1

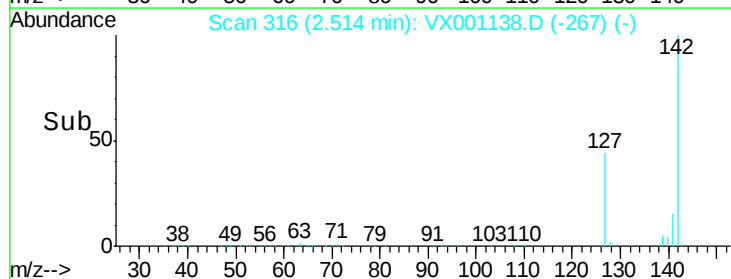
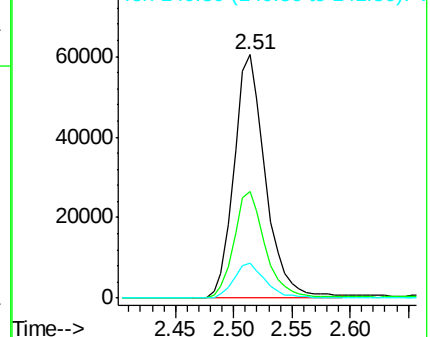
141 14.5 11.6 17.4

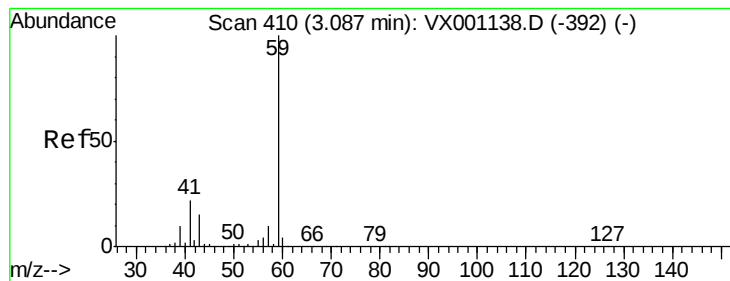


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 354.11 ug/l

RT: 3.09 min Scan# 410

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

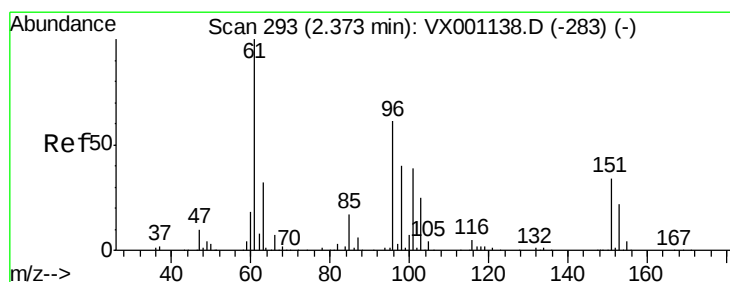
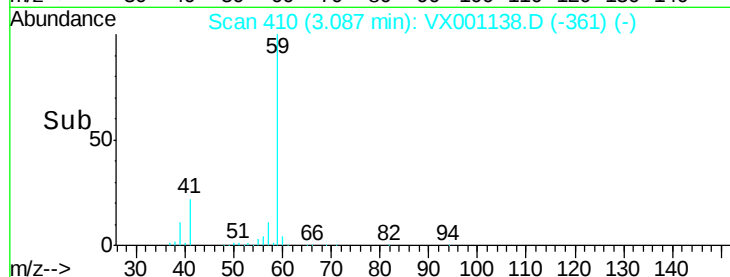
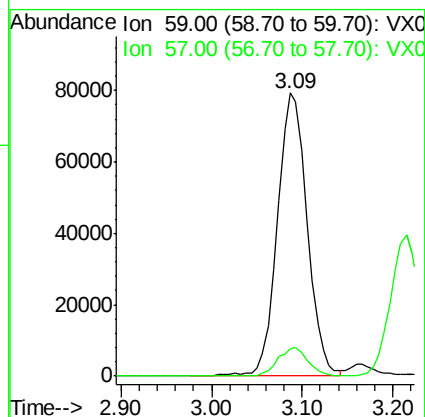
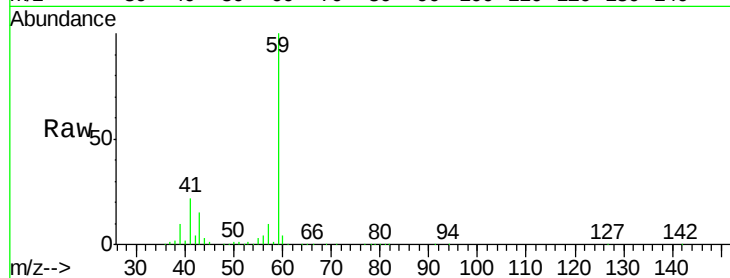
VSTDICCC050

Tgt Ion: 59 Resp: 180470

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.4



#12

1,1-Dichloroethene

Concen: 48.77 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

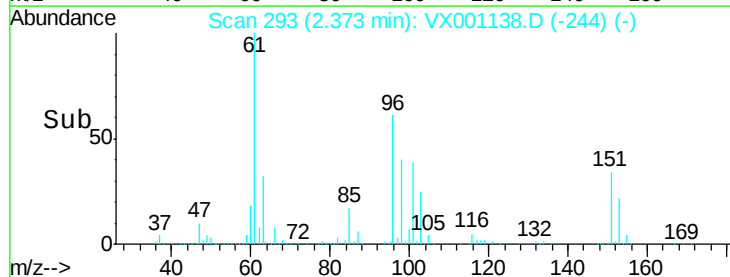
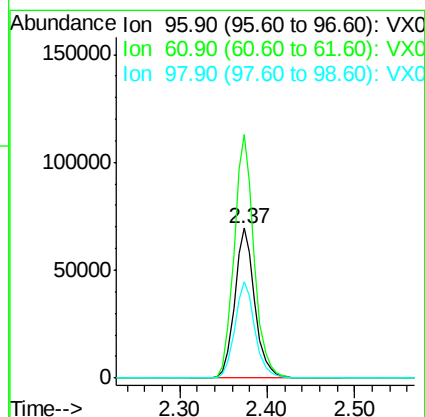
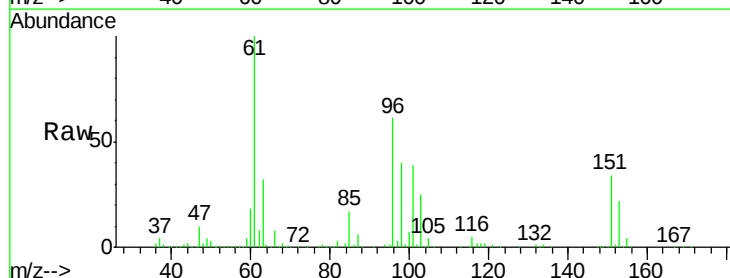
Tgt Ion: 96 Resp: 111633

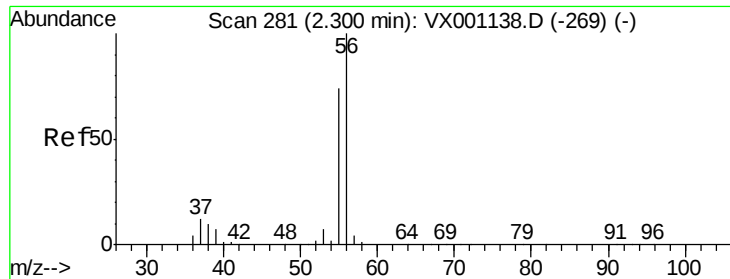
Ion Ratio Lower Upper

96 100

61 162.8 130.2 195.4

98 64.4 51.5 77.3





#13

Acrolein

Concen: 377.51 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

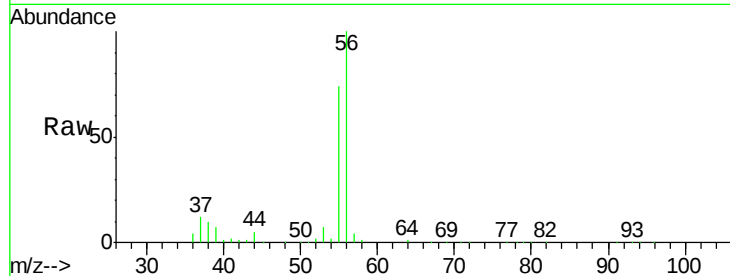
VSTDICCC050

Tgt Ion: 56 Resp: 64916

Ion Ratio Lower Upper

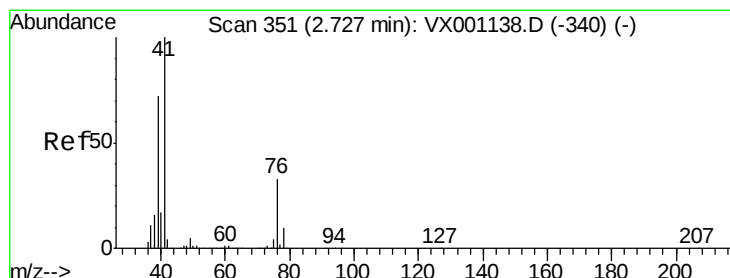
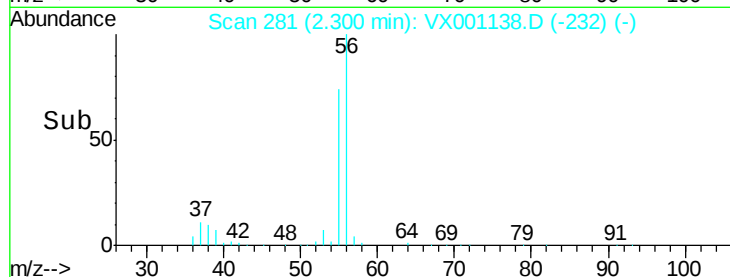
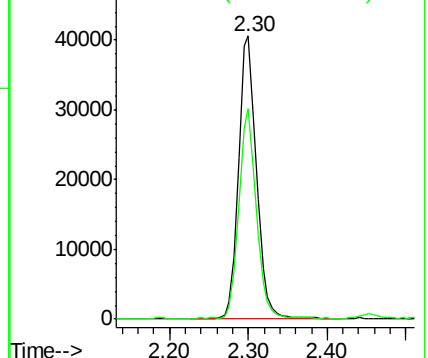
56 100

55 71.5 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 51.80 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

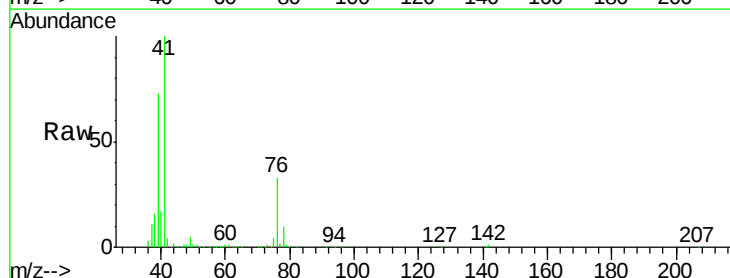
Tgt Ion: 41 Resp: 217023

Ion Ratio Lower Upper

41 100

39 69.5 55.6 83.4

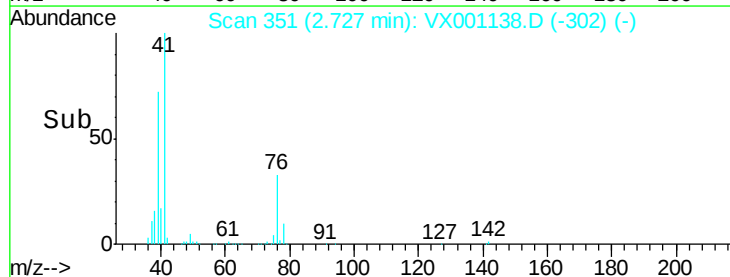
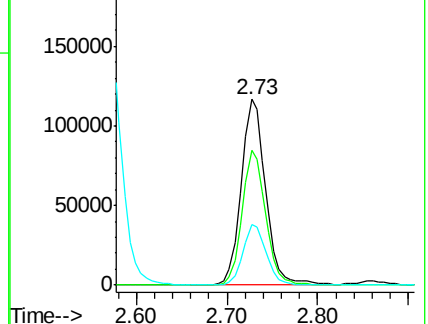
76 31.0 24.8 37.2

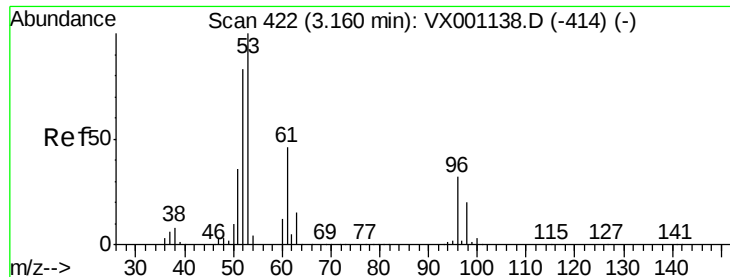


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 289.45 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

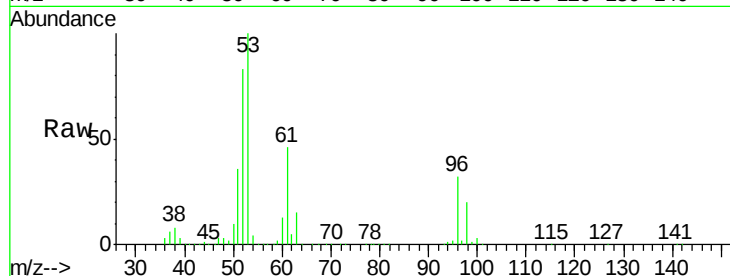
Tgt Ion: 53 Resp: 367637

Ion Ratio Lower Upper

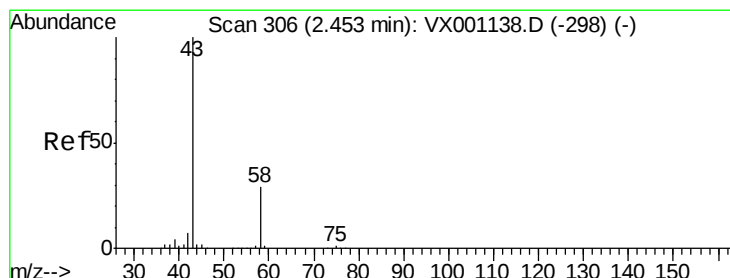
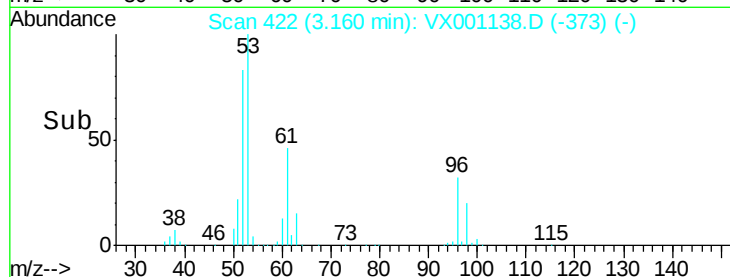
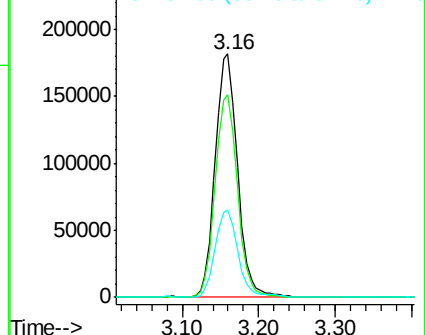
53 100

52 83.1 66.5 99.7

51 36.9 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 298.12 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001138.D

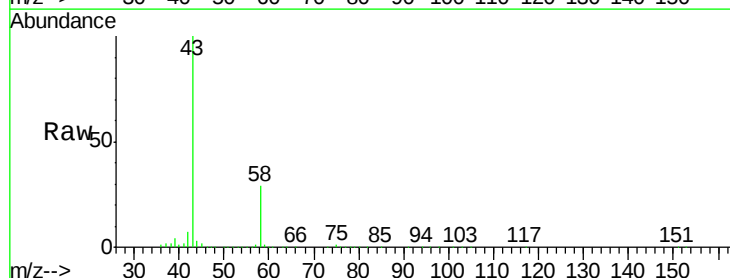
Acq: 26 Apr 2018 18:20

Tgt Ion: 43 Resp: 352487

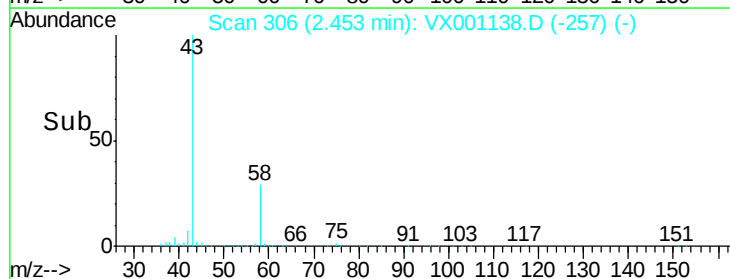
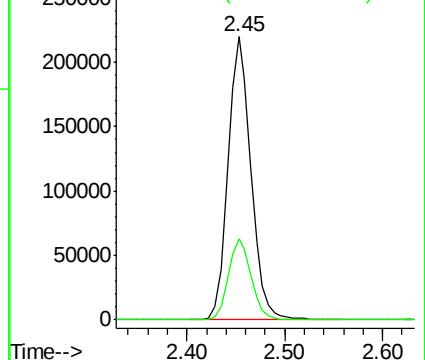
Ion Ratio Lower Upper

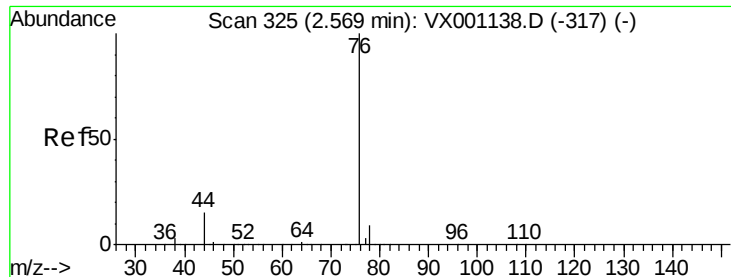
43 100

58 28.8 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

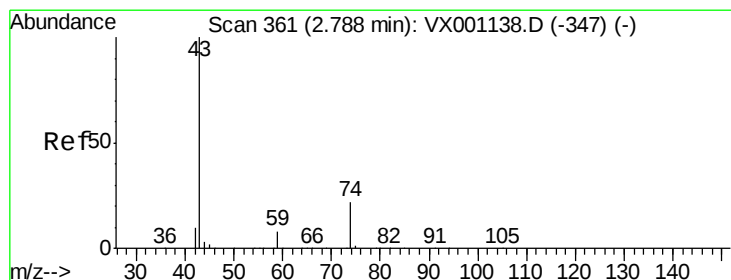
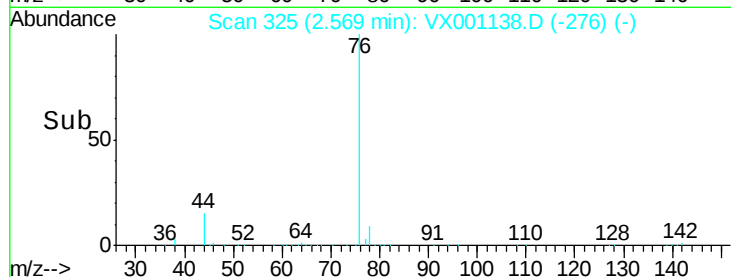
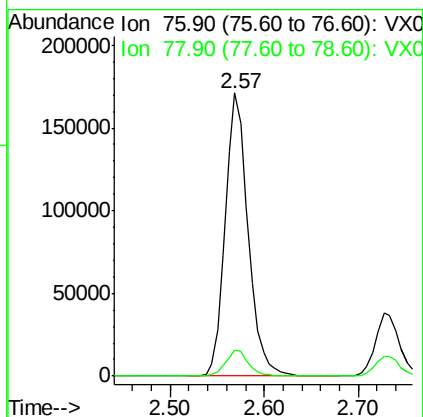
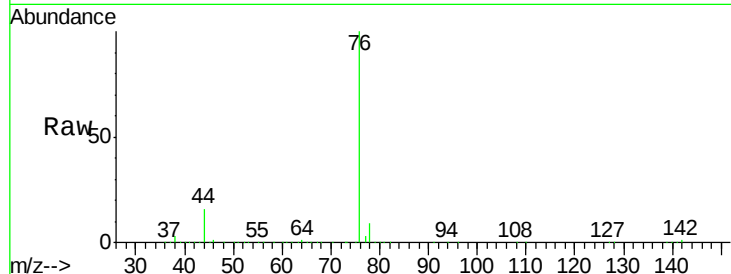




#17
Carbon Disulfide
Concen: 44.83 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

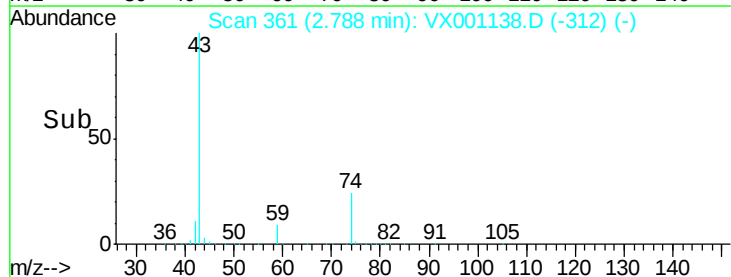
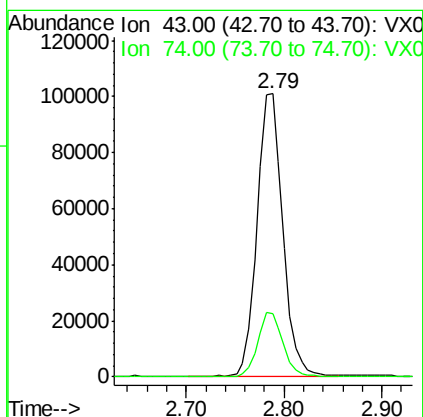
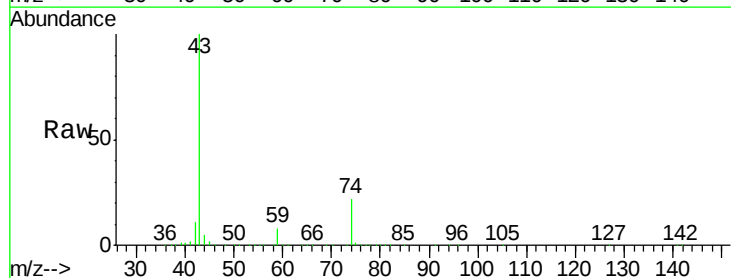
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

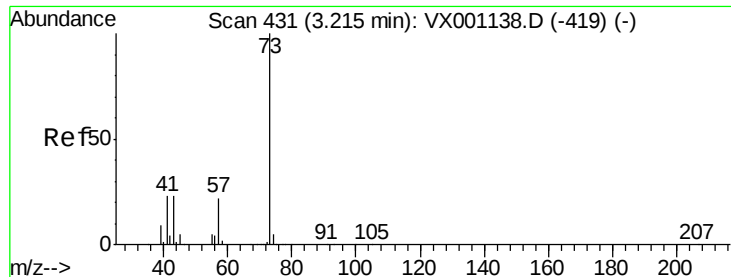
Tgt Ion: 76 Resp: 288796
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 53.91 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

Tgt Ion: 43 Resp: 184909
Ion Ratio Lower Upper
43 100
74 22.6 18.1 27.1

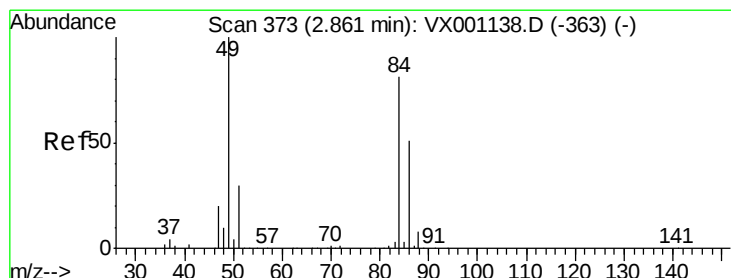
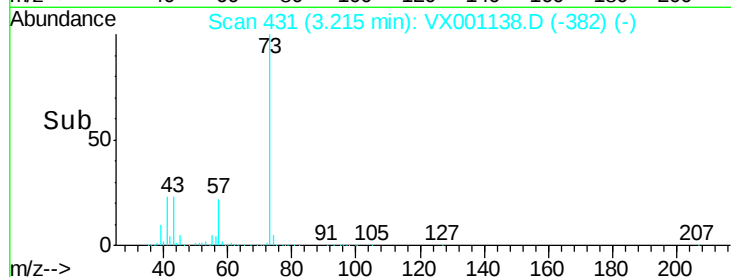
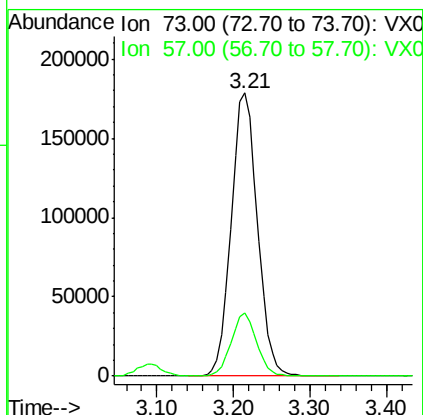
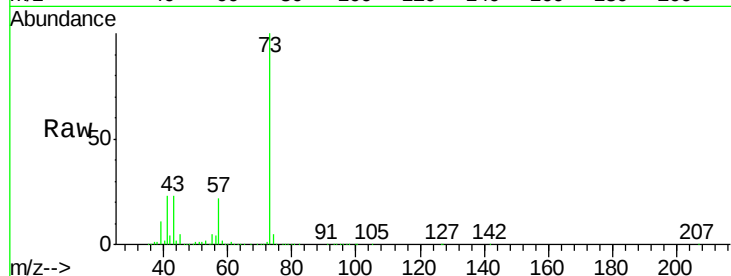




#19
Methyl tert-butyl Ether
Concen: 53.89 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

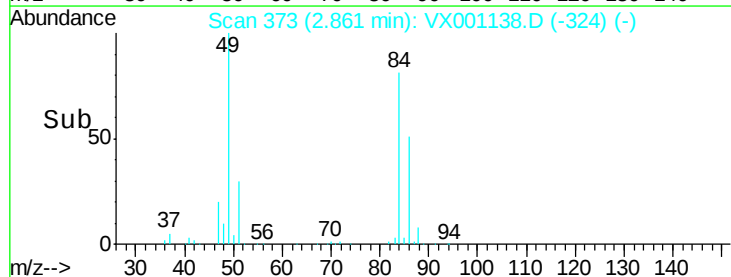
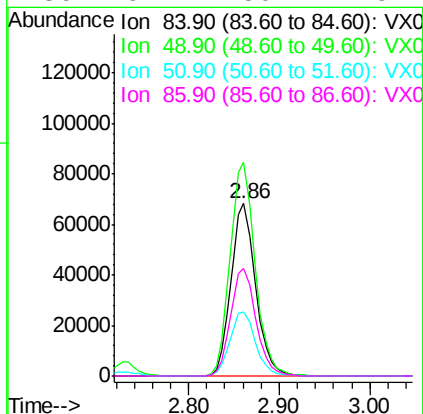
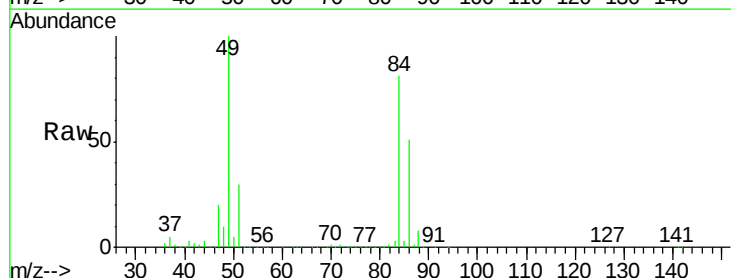
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

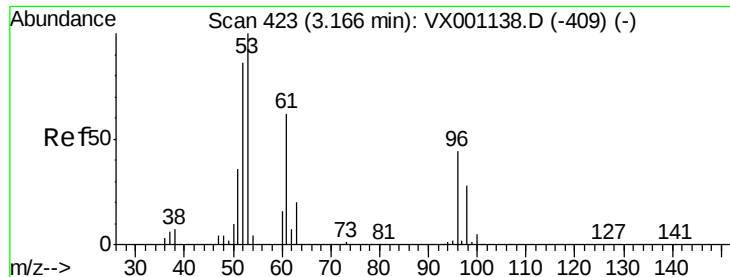
Tgt Ion: 73 Resp: 424016
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 48.79 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

Tgt Ion: 84 Resp: 129099
Ion Ratio Lower Upper
84 100
49 124.0 99.2 148.8
51 36.9 29.5 44.3
86 62.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 48.27 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

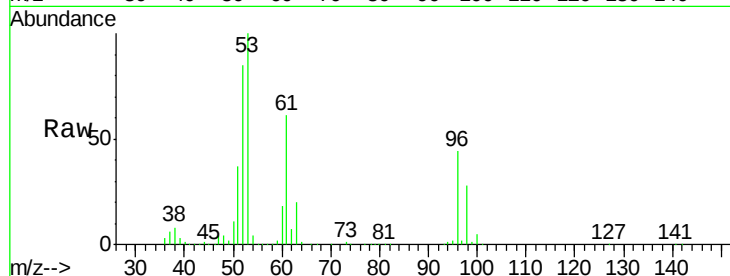
Tgt Ion: 96 Resp: 123652

Ion Ratio Lower Upper

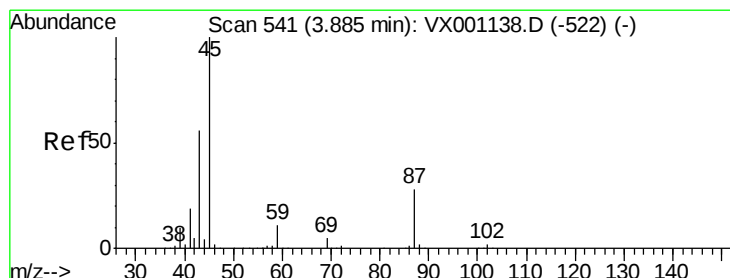
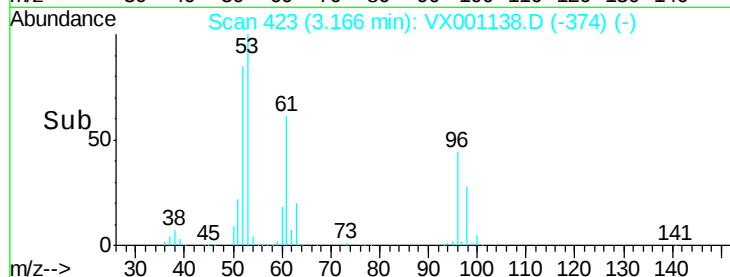
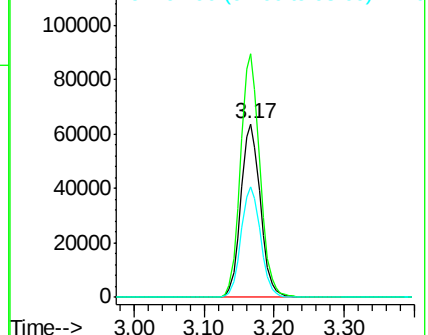
96 100

61 139.9 111.9 167.9

98 63.9 51.1 76.7



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: 52.35 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Tgt Ion: 45 Resp: 424400

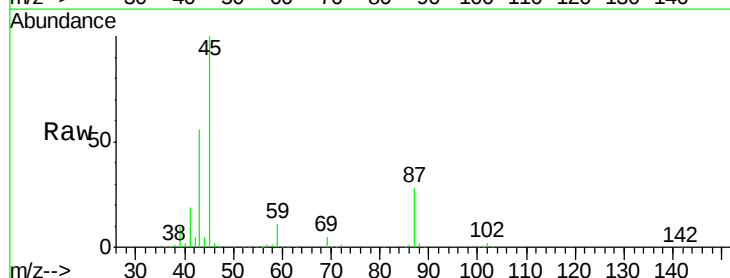
Ion Ratio Lower Upper

45 100

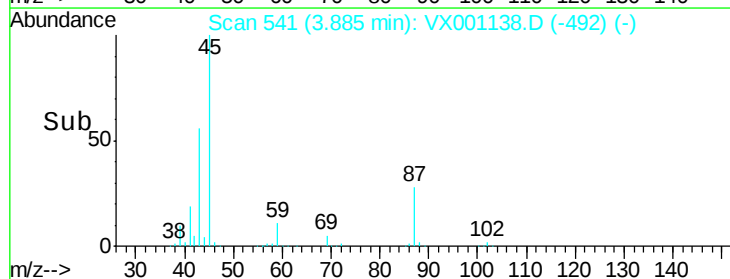
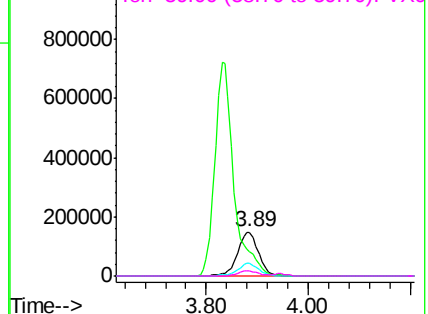
43 56.2 45.0 67.4

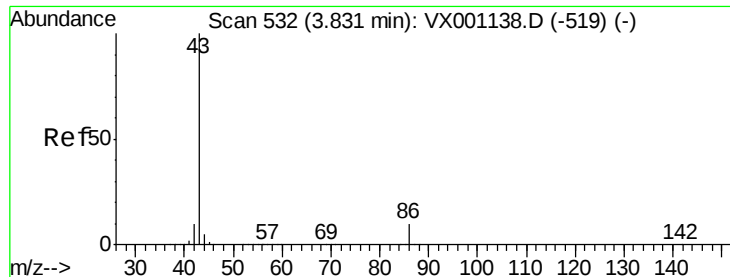
87 28.5 22.8 34.2

59 11.3 9.0 13.6



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 275.70 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

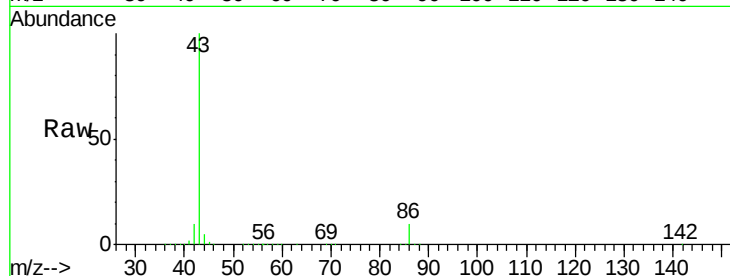
VSTDICCC050

Tgt Ion: 43 Resp: 1875714

Ion Ratio Lower Upper

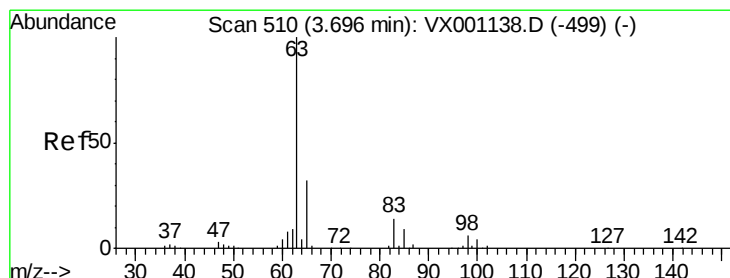
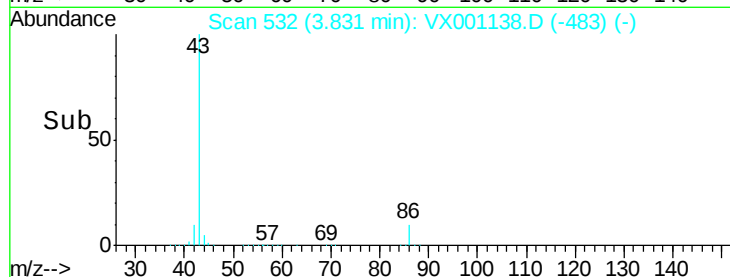
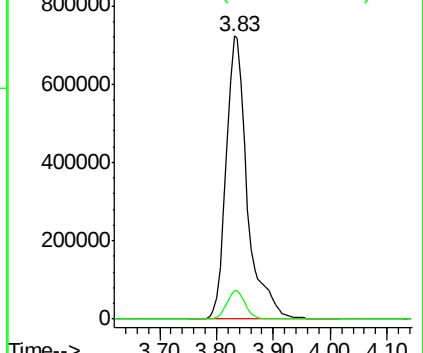
43 100

86 10.0 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.38 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

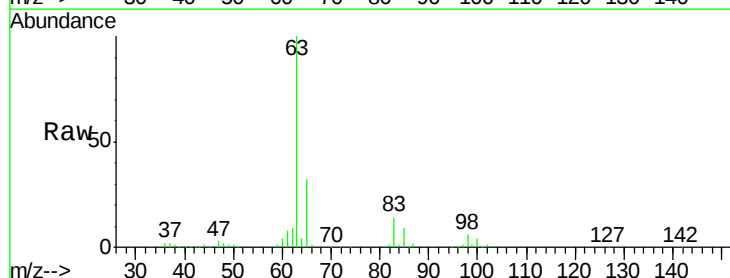
Tgt Ion: 63 Resp: 217830

Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

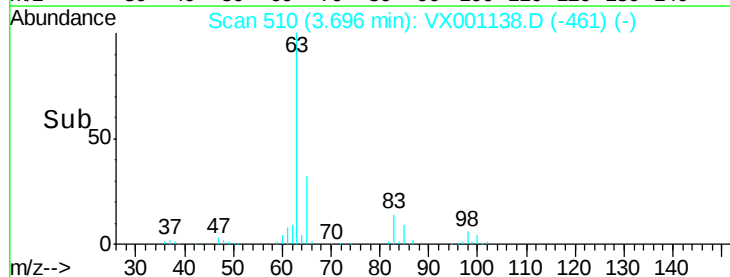
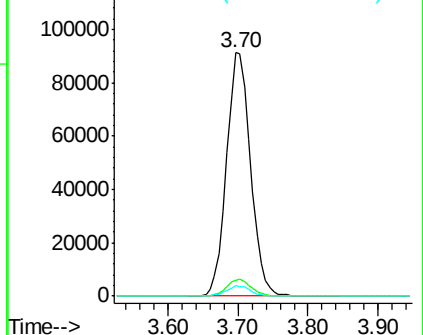
100 4.3 2.1 6.5

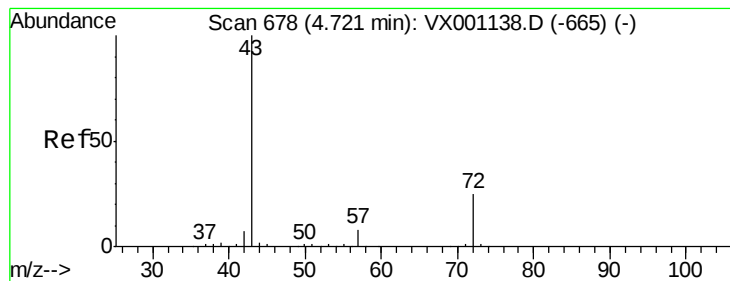


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 293.87 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

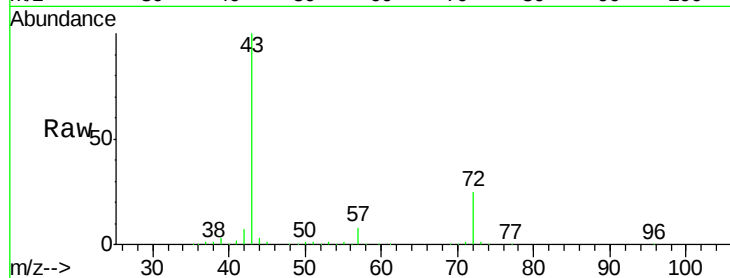
VSTDICCC050

Tgt Ion: 43 Resp: 539553

Ion Ratio Lower Upper

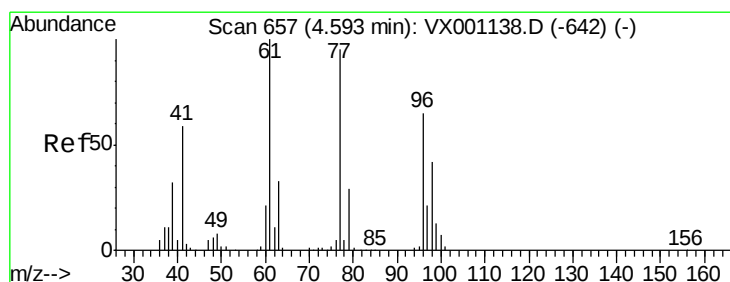
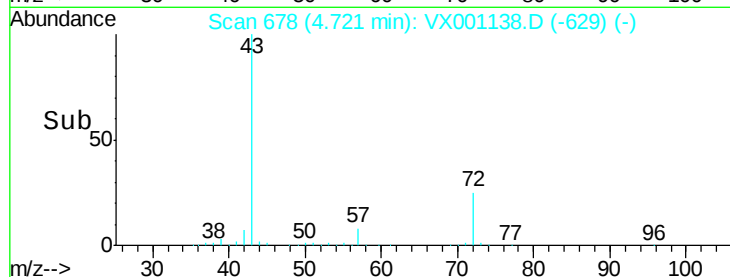
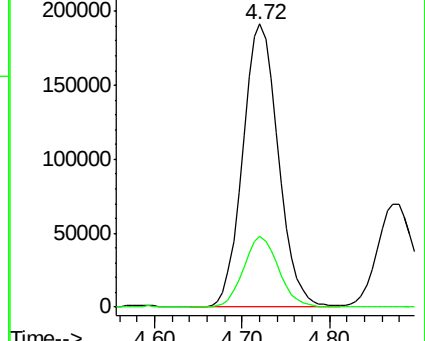
43 100

72 25.0 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.57 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001138.D

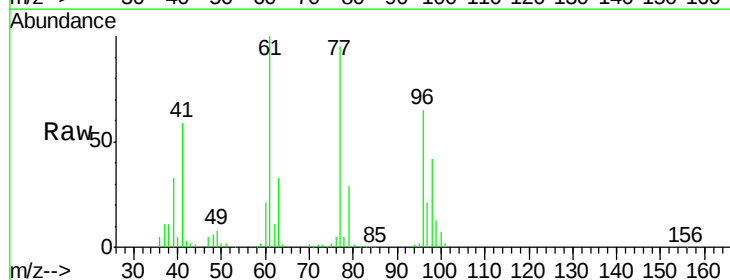
Acq: 26 Apr 2018 18:20

Tgt Ion: 77 Resp: 173621

Ion Ratio Lower Upper

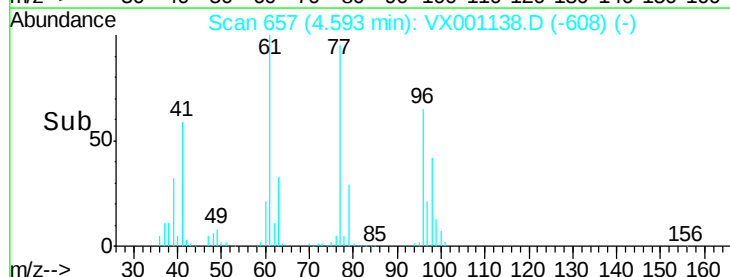
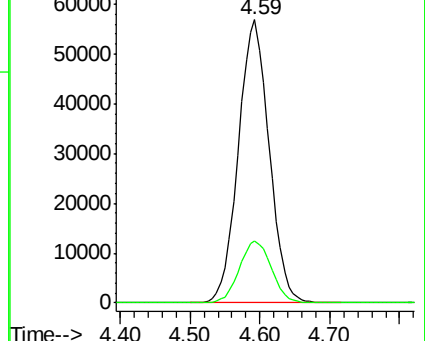
77 100

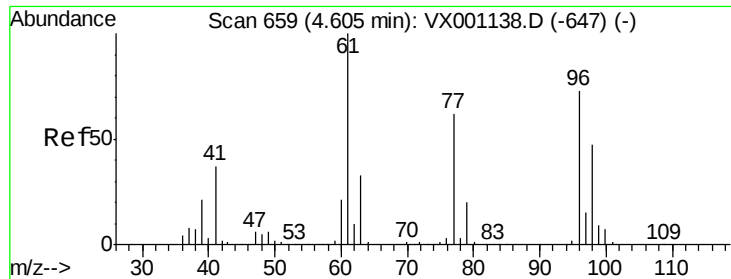
97 22.8 11.4 34.2



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: 49.33 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

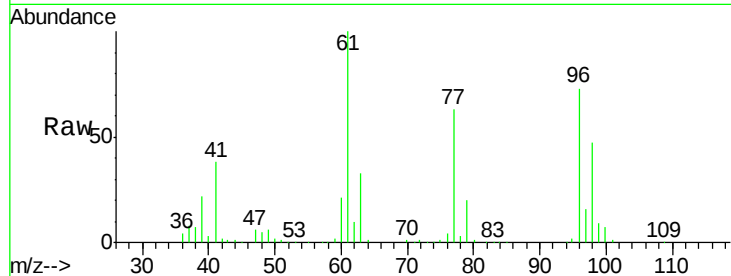
Tgt Ion: 96 Resp: 140568

Ion Ratio Lower Upper

96 100

61 144.5 0.0 289.0

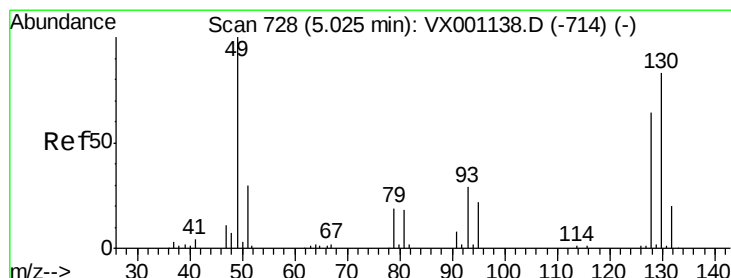
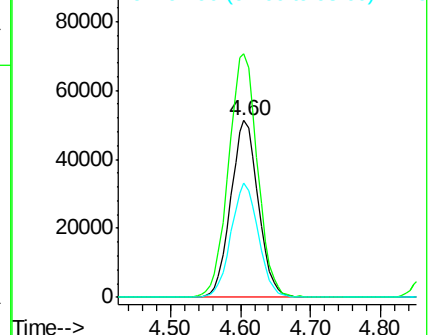
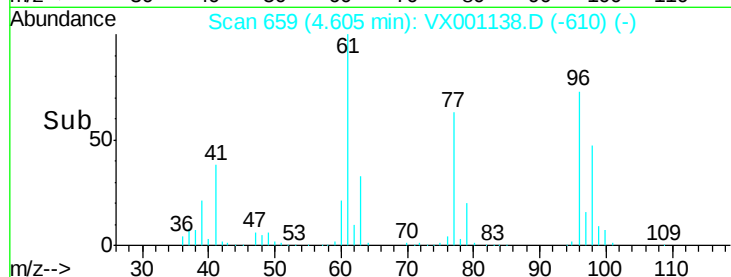
98 64.1 0.0 128.2



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: 58.56 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

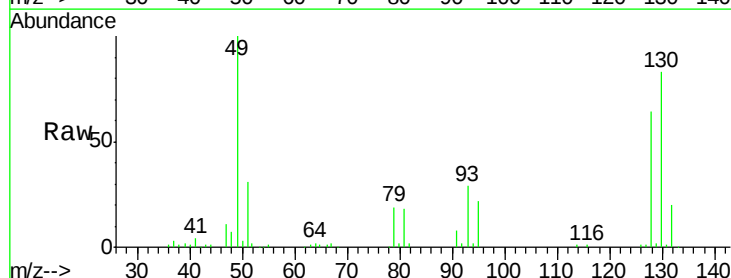
Tgt Ion: 49 Resp: 105134

Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

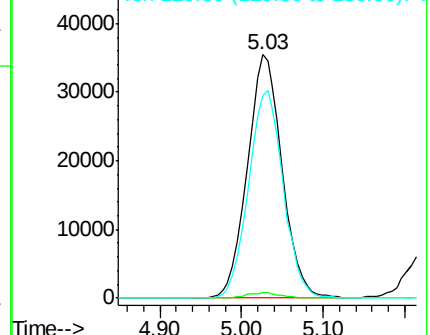
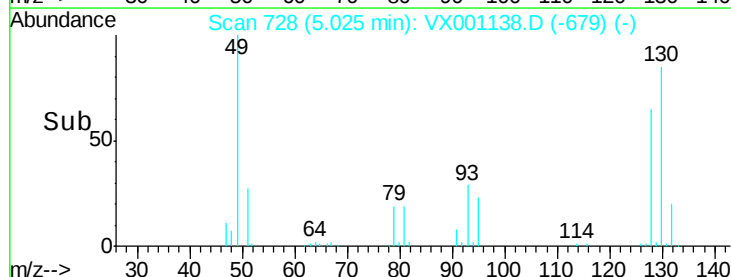
130 85.2 68.2 102.2

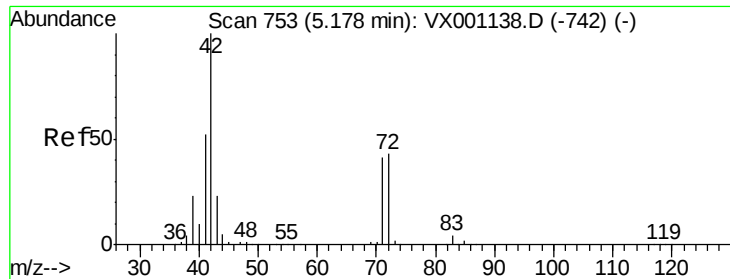


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 298.06 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

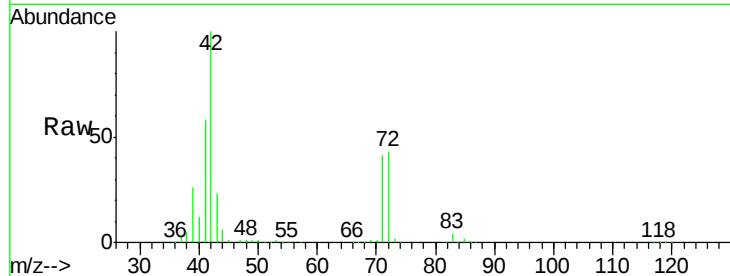
Tgt Ion: 42 Resp: 346307

Ion Ratio Lower Upper

42 100

72 43.0 34.4 51.6

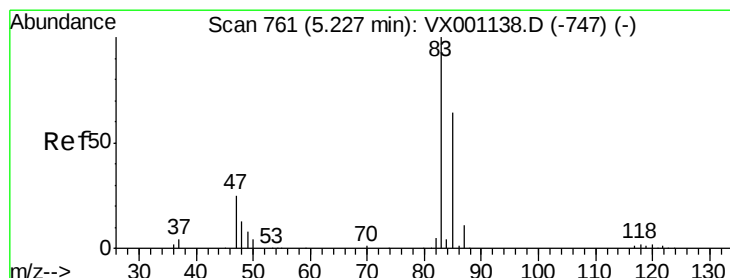
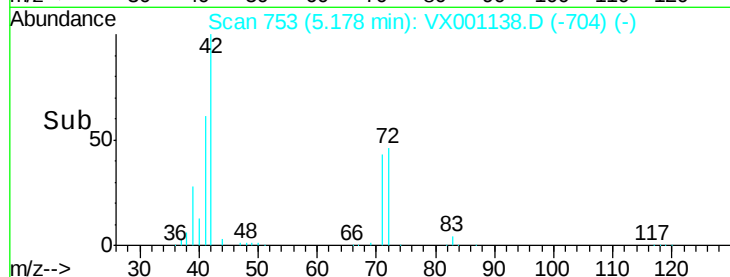
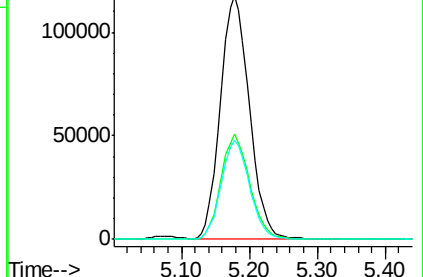
71 40.1 32.1 48.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.87 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX001138.D

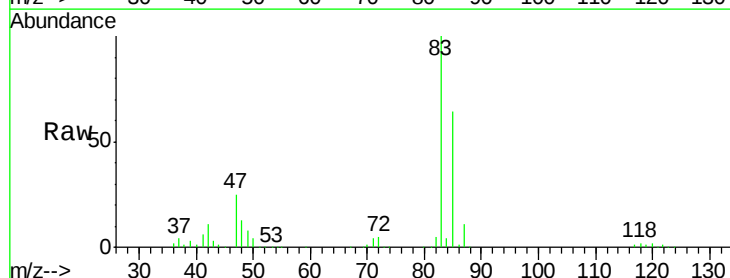
Acq: 26 Apr 2018 18:20

Tgt Ion: 83 Resp: 238647

Ion Ratio Lower Upper

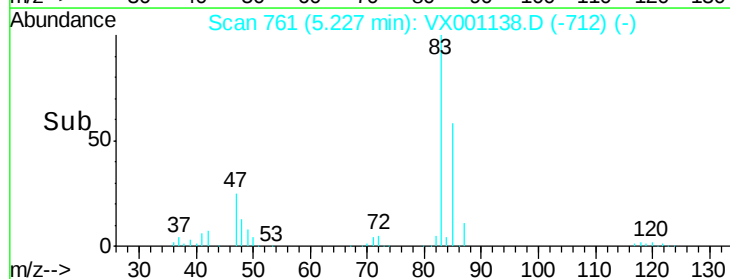
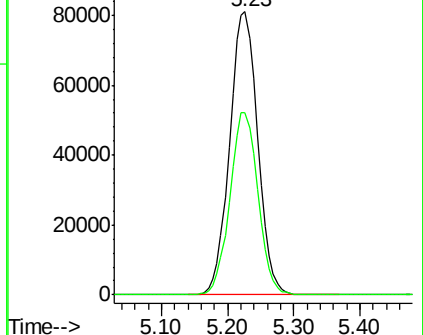
83 100

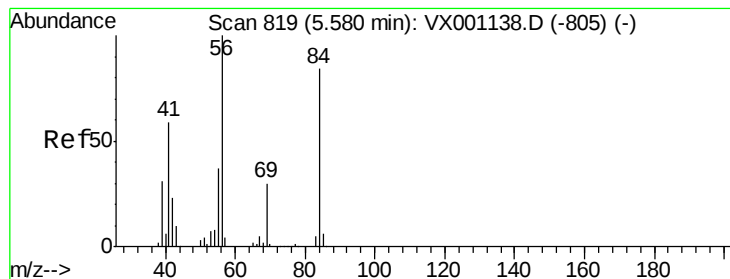
85 64.2 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 44.21 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

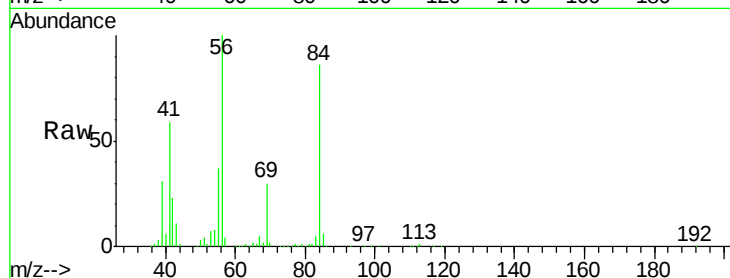
Tgt Ion: 56 Resp: 183160

Ion Ratio Lower Upper

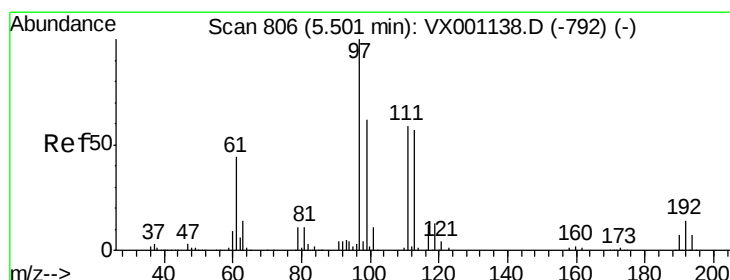
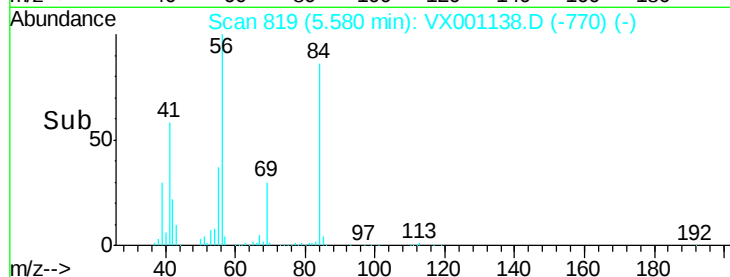
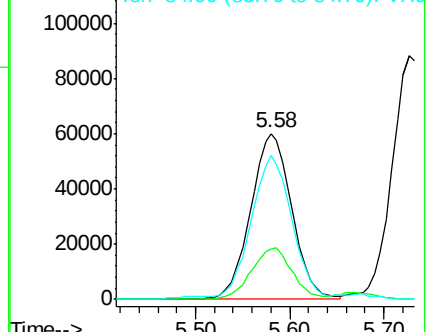
56 100

69 30.2 24.2 36.2

84 84.4 67.5 101.3



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.98 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

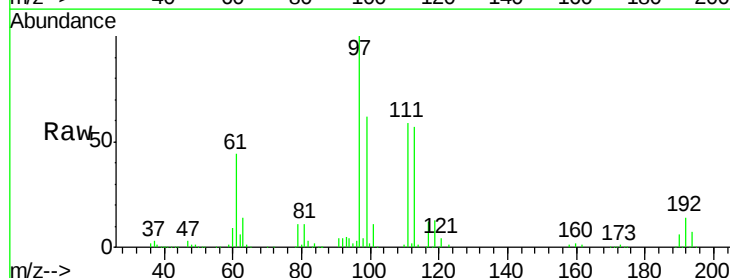
Tgt Ion: 97 Resp: 208891

Ion Ratio Lower Upper

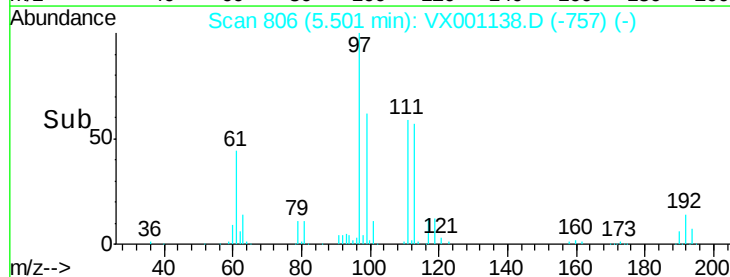
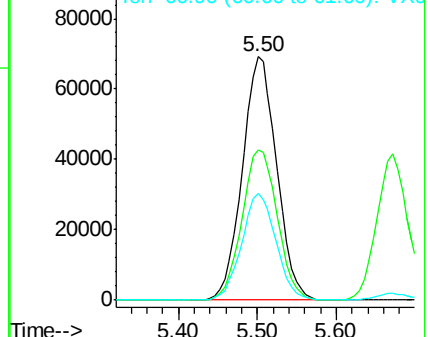
97 100

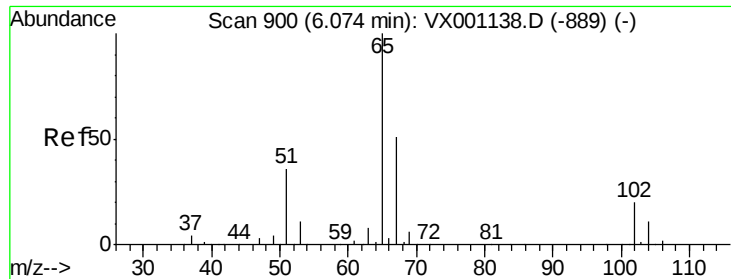
99 63.6 50.9 76.3

61 43.8 35.0 52.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

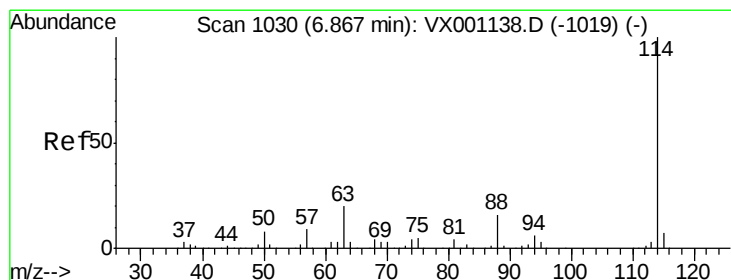
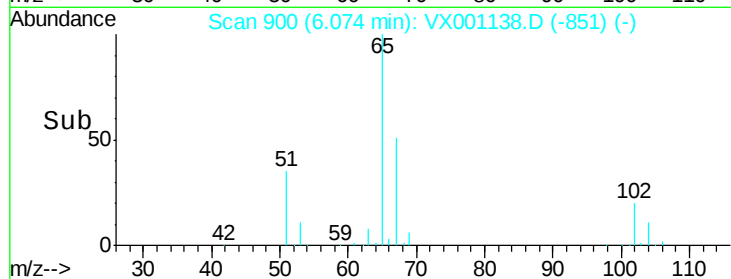
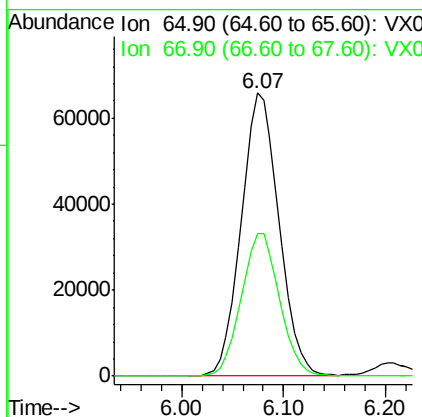
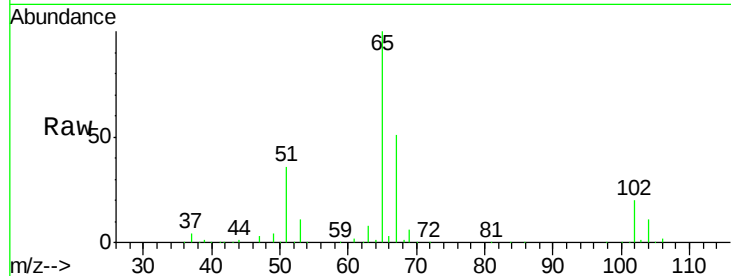




#33
 1,2-Dichloroethane-d4
 Concen: 55.27 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001138.D
 Acq: 26 Apr 2018 18:20

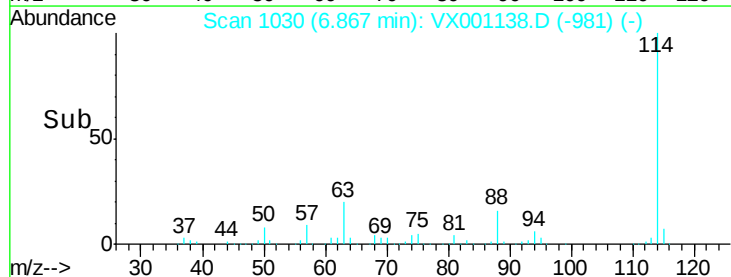
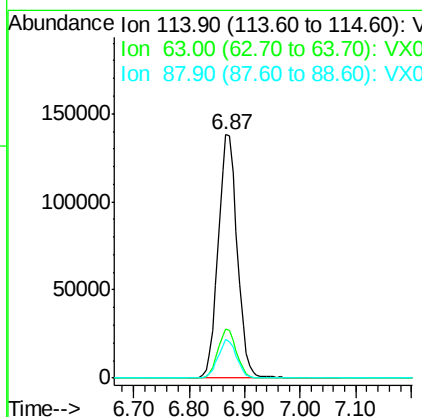
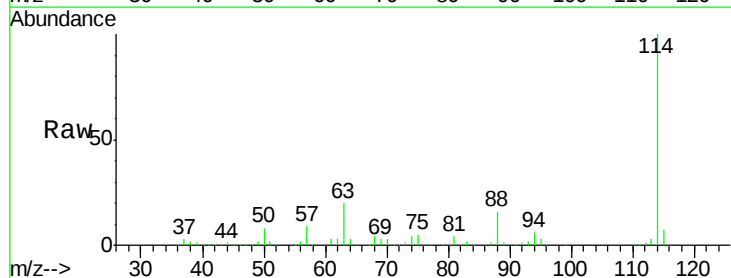
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

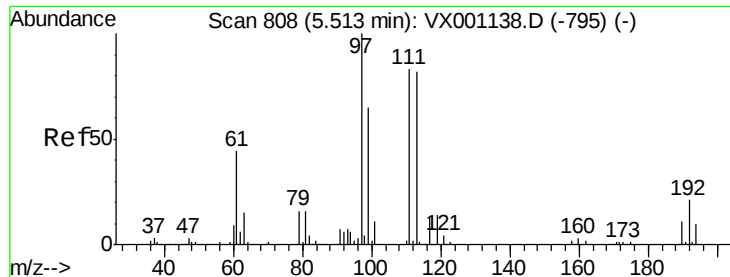
Tgt Ion: 65 Resp: 169580
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001138.D
 Acq: 26 Apr 2018 18:20

Tgt Ion: 114 Resp: 327804
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.4
 88 15.9 0.0 31.8

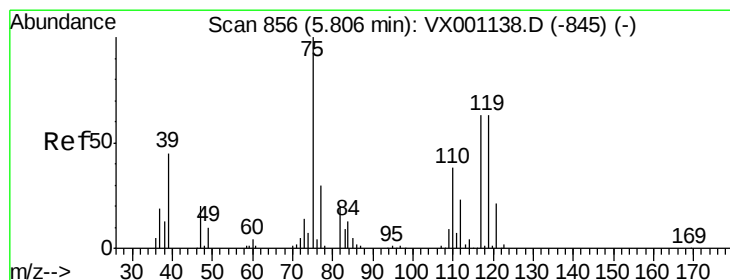
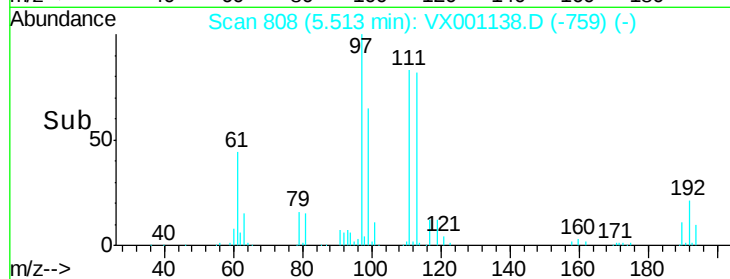
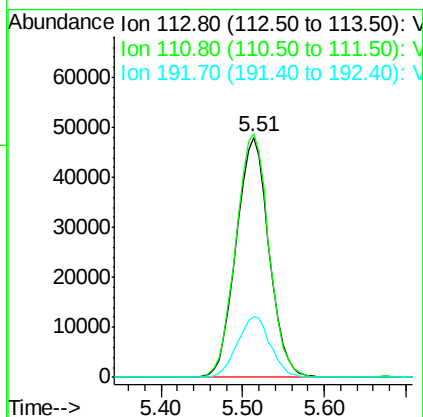
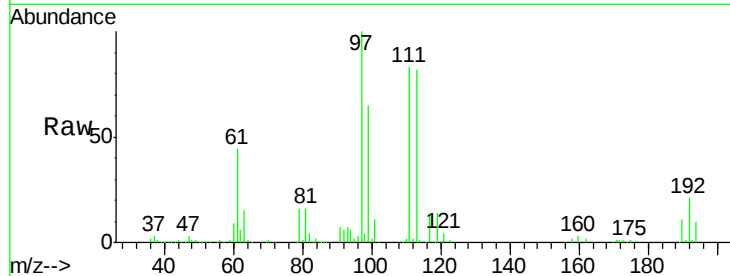




#35
 Dibromofluoromethane
 Concen: 52.82 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001138.D
 Acq: 26 Apr 2018 18:20

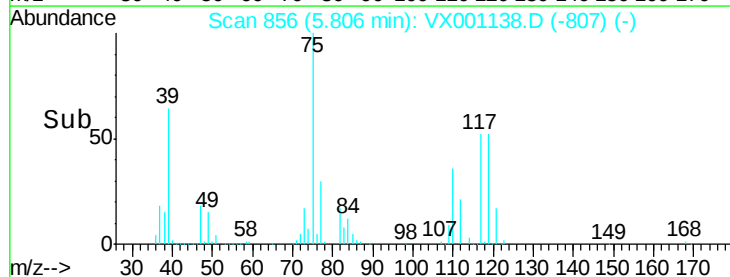
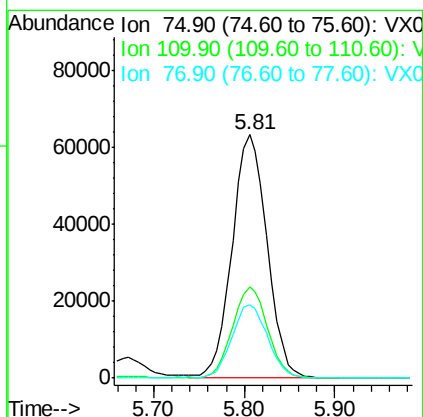
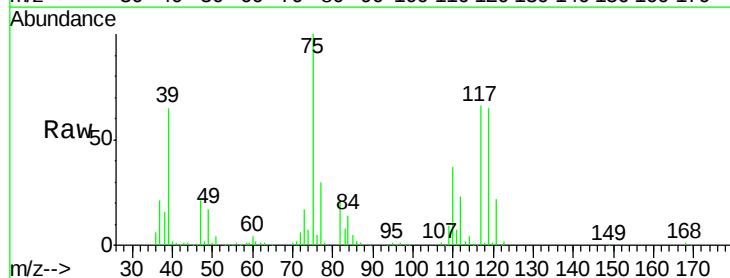
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

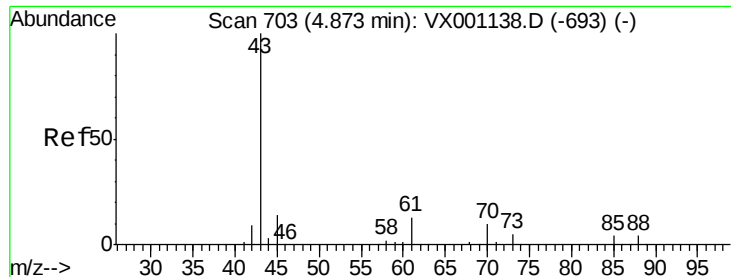
Tgt Ion:113 Resp: 133646
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 25.7 20.6 30.8



#36
 1,1-Dichloropropene
 Concen: 44.34 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001138.D
 Acq: 26 Apr 2018 18:20

Tgt Ion: 75 Resp: 168386
 Ion Ratio Lower Upper
 75 100
 110 38.0 19.0 57.0
 77 31.0 24.8 37.2

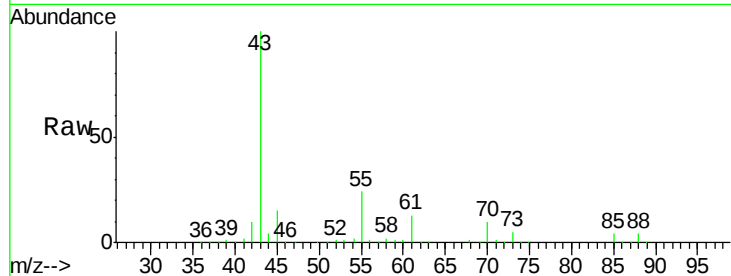




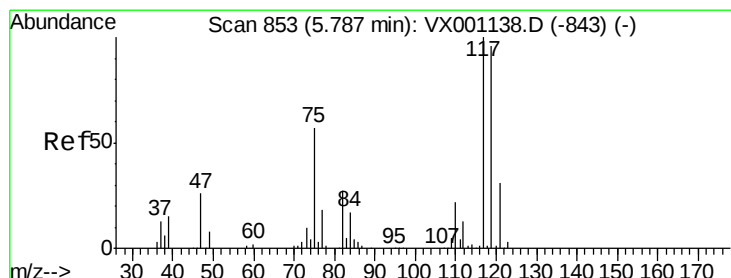
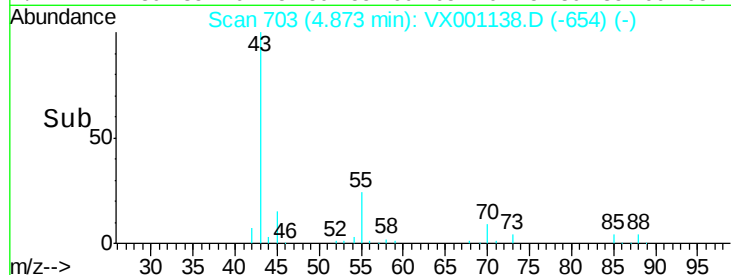
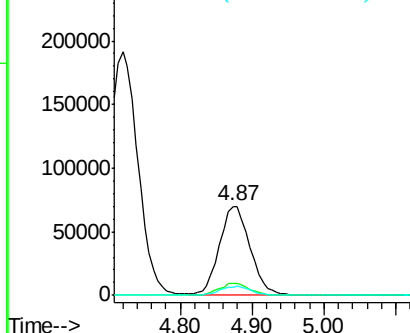
#37
Ethyl Acetate
Concen: 56.70 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 207238
Ion Ratio Lower Upper
43 100
61 13.8 11.0 16.6
70 10.2 8.2 12.2

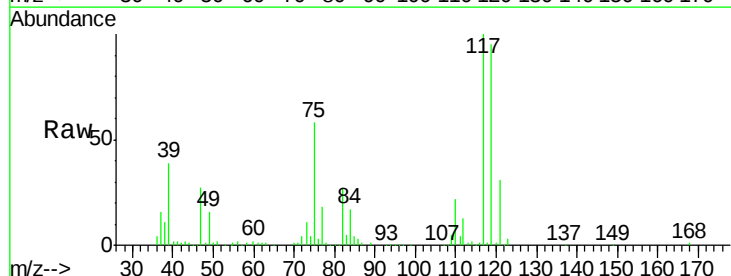


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

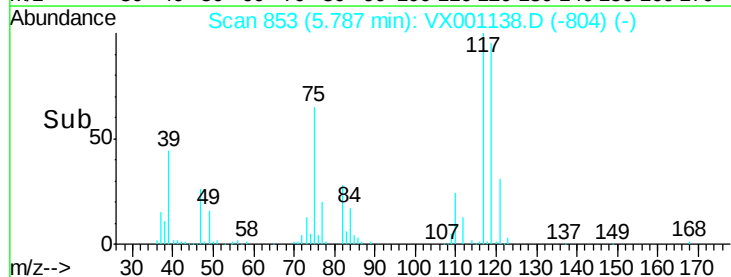
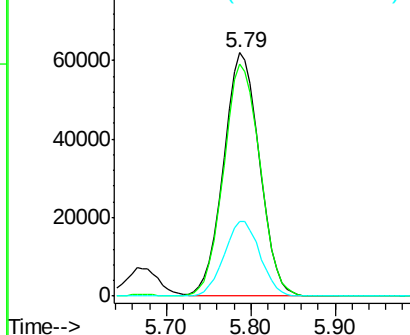


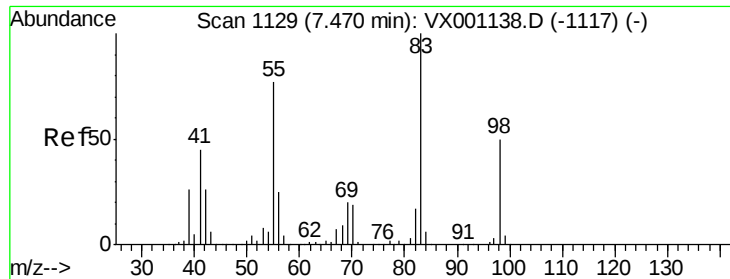
#38
Carbon Tetrachloride
Concen: 46.61 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

Tgt Ion: 117 Resp: 179667
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7
121 30.8 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

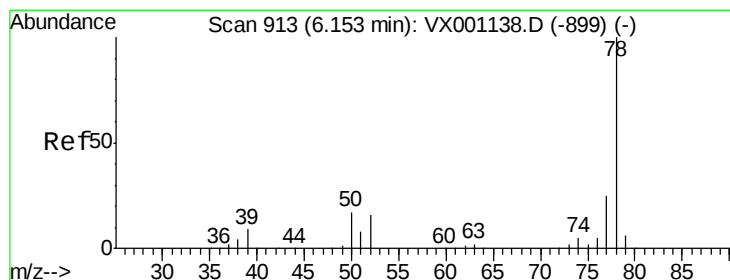
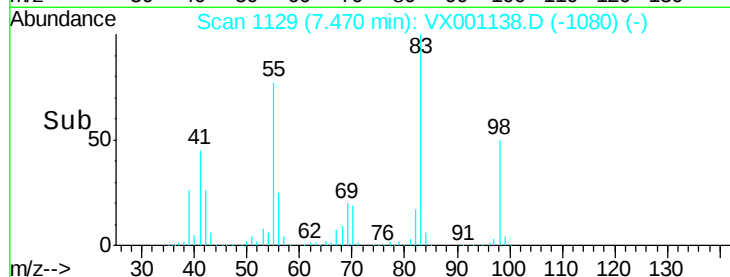
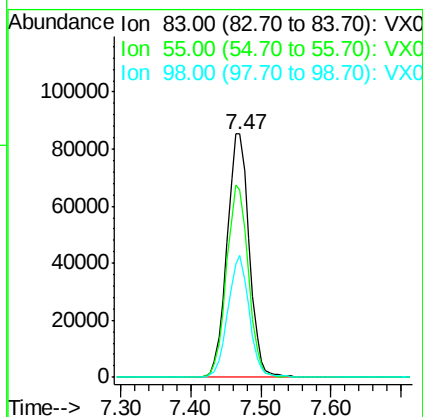
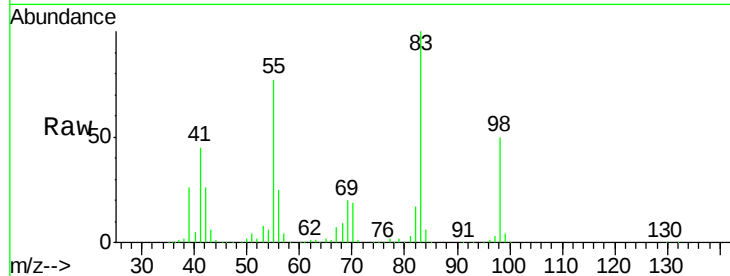




#39
Methylcyclohexane
Concen: 43.02 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

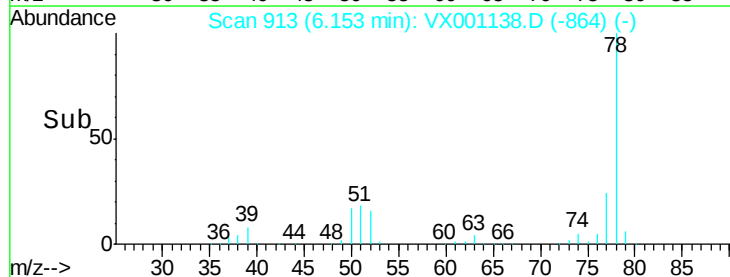
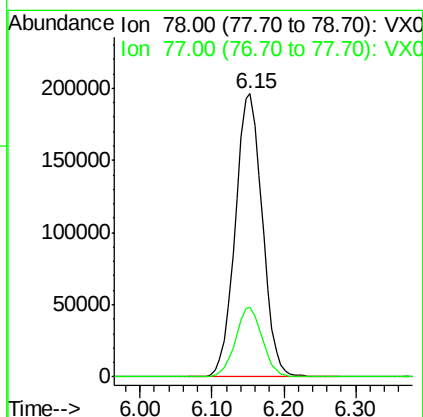
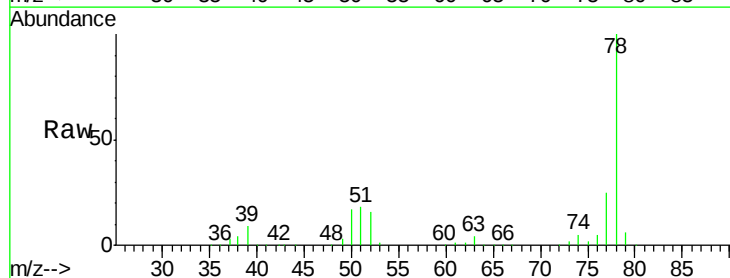
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

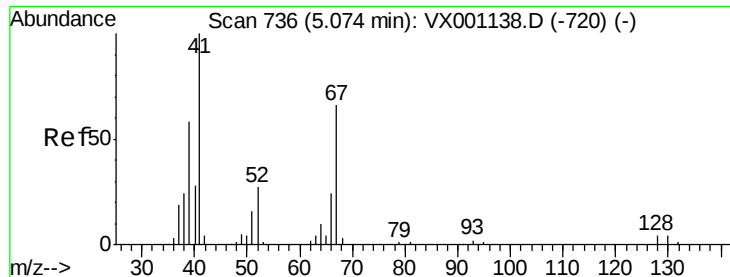
Tgt Ion: 83 Resp: 188617
Ion Ratio Lower Upper
83 100
55 77.2 61.8 92.6
98 50.0 40.0 60.0



#40
Benzene
Concen: 48.00 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

Tgt Ion: 78 Resp: 512288
Ion Ratio Lower Upper
78 100
77 24.6 19.7 29.5

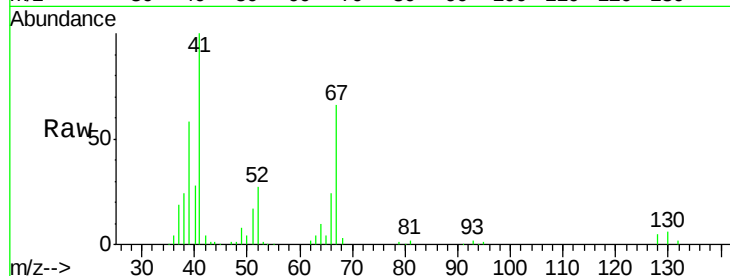




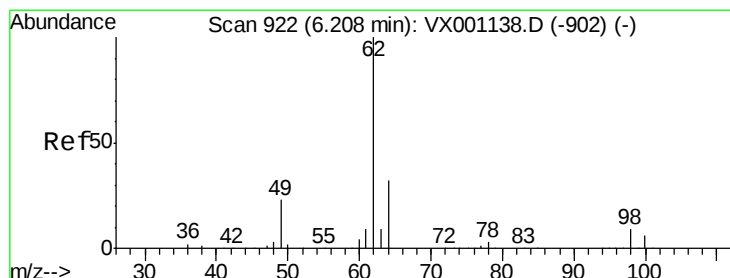
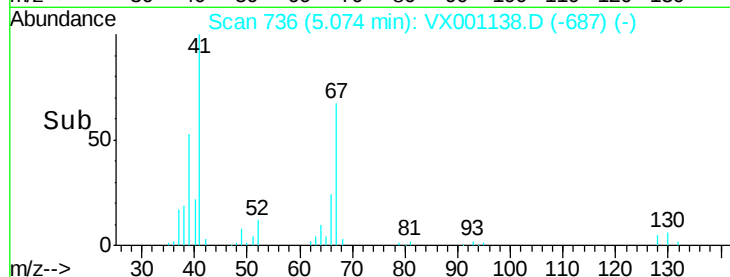
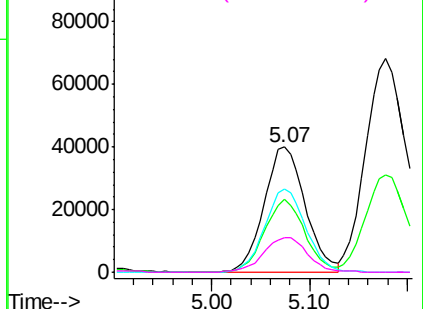
#41
Methacrylonitrile
Concen: 51.96 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	117229
Ion	Ratio	Lower	Upper
41	100		
39	57.4	45.9	68.9
67	66.5	53.2	79.8
52	28.9	23.1	34.7

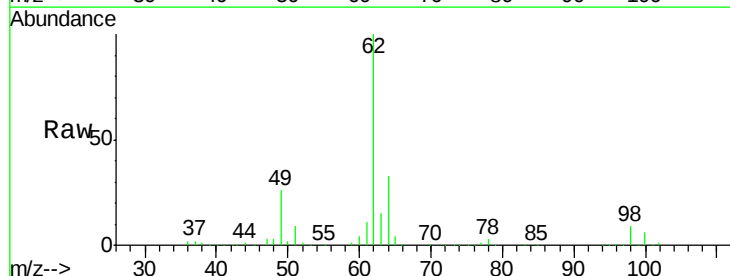


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

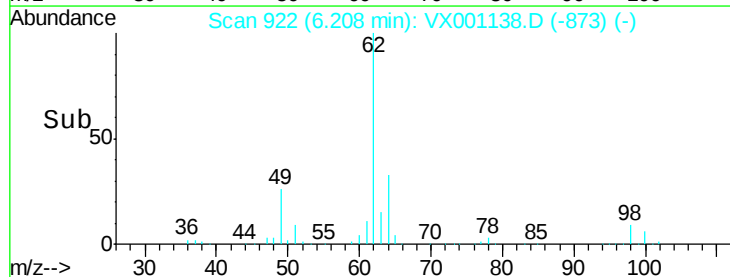
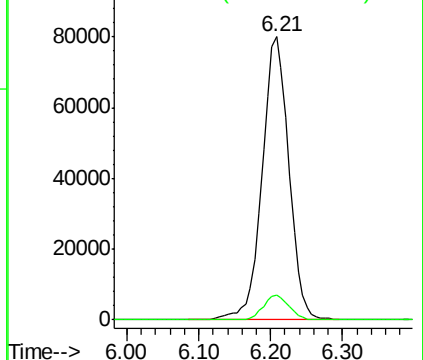


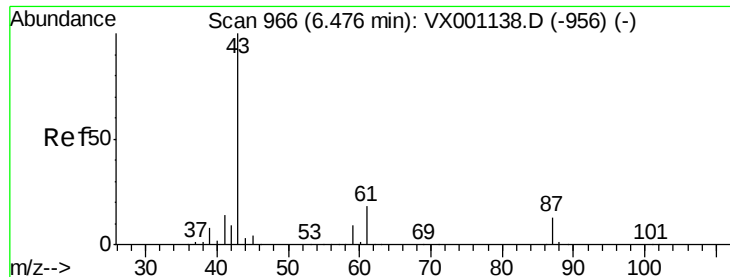
#42
1,2-Dichloroethane
Concen: 49.80 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

Tgt Ion:	62	Resp:	205986
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 54.30 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

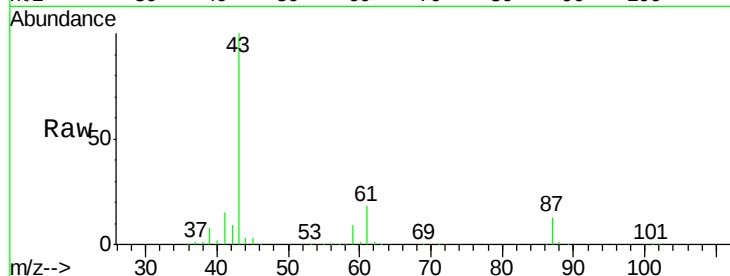
Tgt Ion: 43 Resp: 336860

Ion Ratio Lower Upper

43 100

61 18.8 15.0 22.6

87 12.9 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX001138.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VX001138.D (-956) (-)

Ion 87.00 (86.70 to 87.70): VX001138.D (-956) (-)

6.48

150000

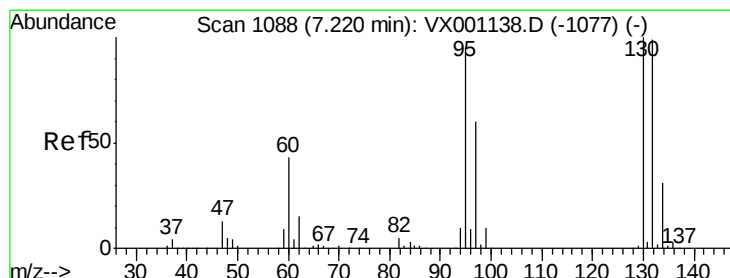
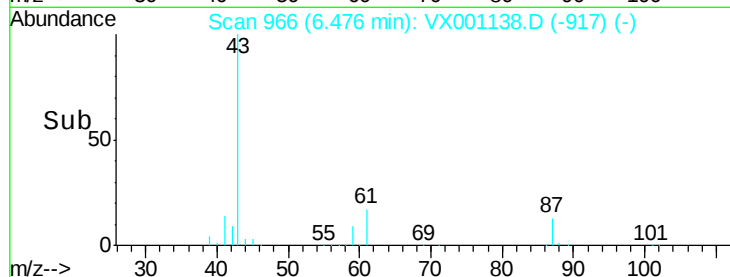
100000

50000

0

6.40 6.50 6.60 6.70

Time-->



#44

Trichloroethene

Concen: 46.06 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001138.D

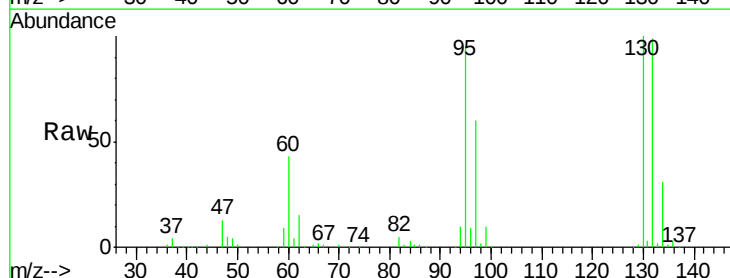
Acq: 26 Apr 2018 18:20

Tgt Ion: 130 Resp: 149349

Ion Ratio Lower Upper

130 100

95 94.8 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): VX001138.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX001138.D (-1077) (-)

80000

60000

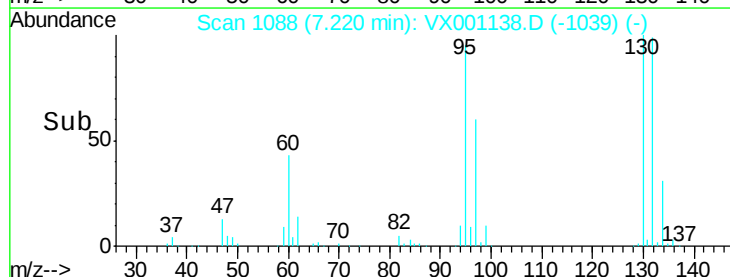
40000

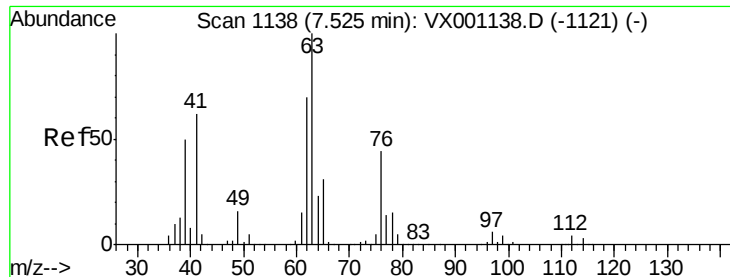
20000

0

7.10 7.15 7.20 7.25 7.30

Time-->

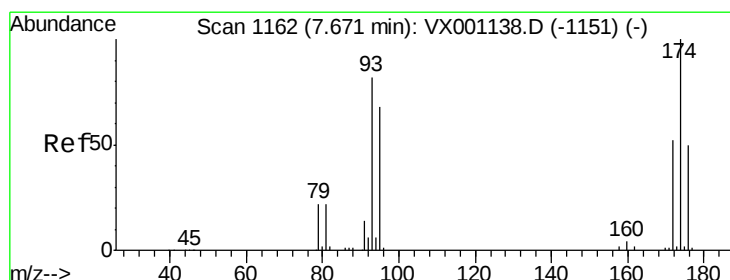
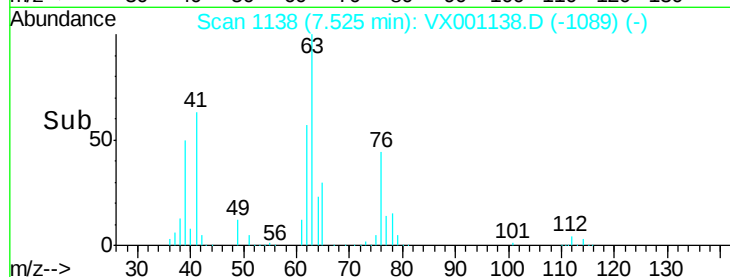
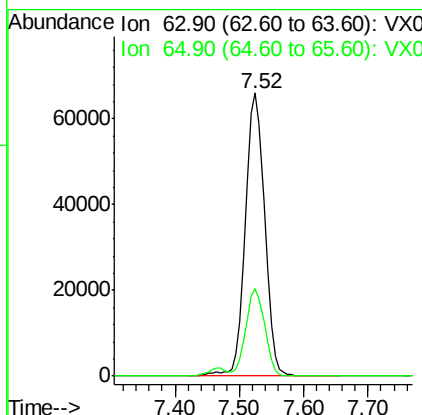
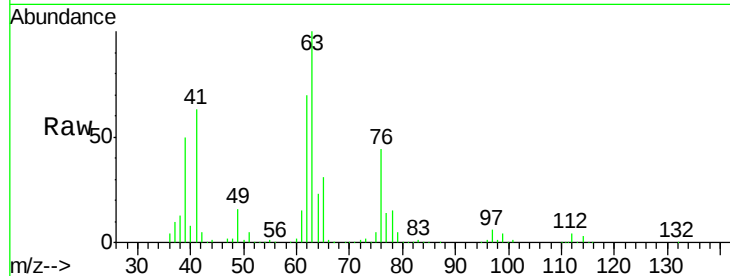




#45
 1,2-Dichloropropane
 Concen: 50.26 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001138.D
 Acq: 26 Apr 2018 18:20

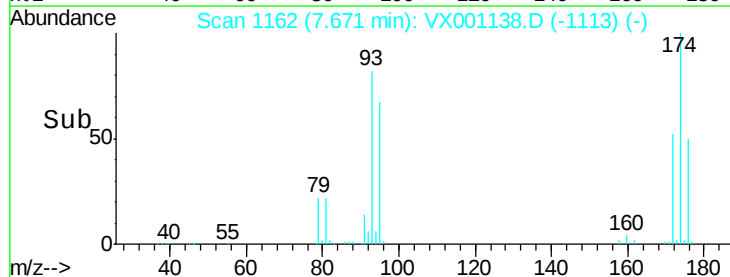
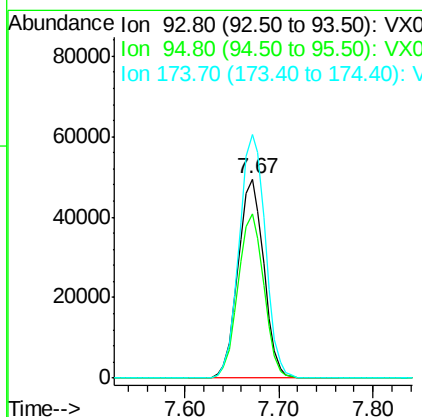
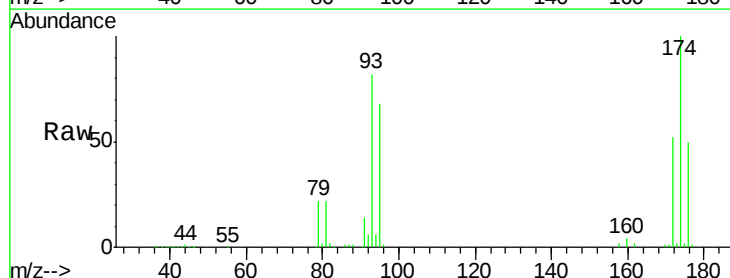
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

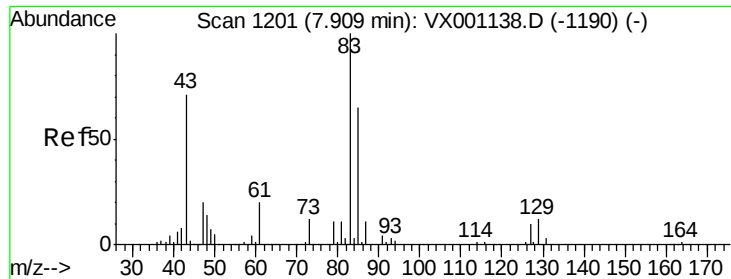
Tgt Ion: 63 Resp: 135477
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.9 37.3



#46
 Dibromomethane
 Concen: 49.93 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001138.D
 Acq: 26 Apr 2018 18:20

Tgt Ion: 93 Resp: 94449
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.4 99.6
 174 124.5 99.6 149.4

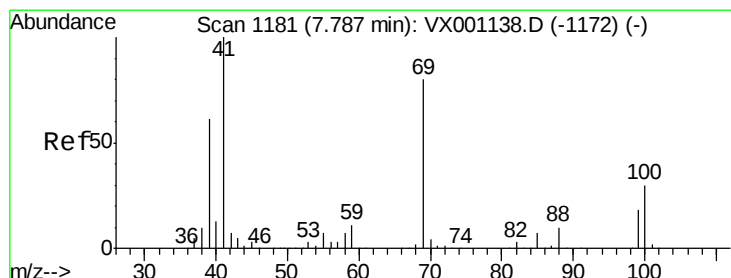
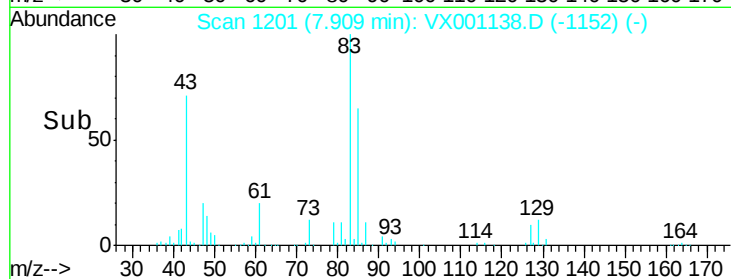
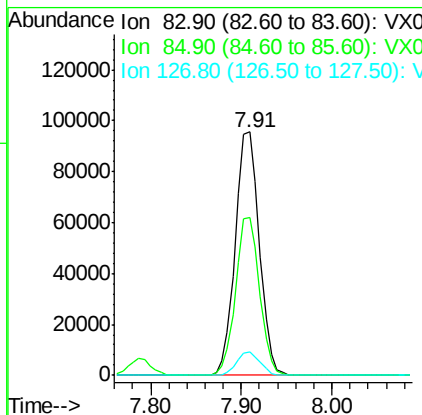
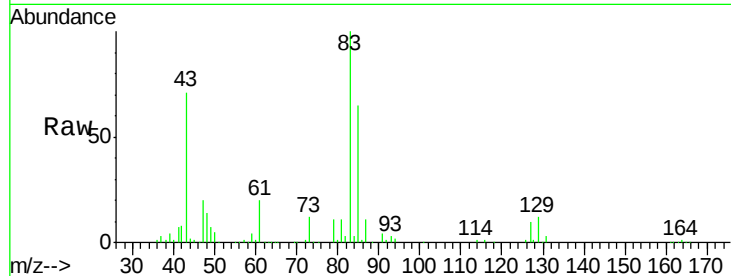




#47
 Bromodichloromethane
 Concen: 50.65 ug/l
 RT: 7.91 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: VX001138.D
 Acq: 26 Apr 2018 18:20

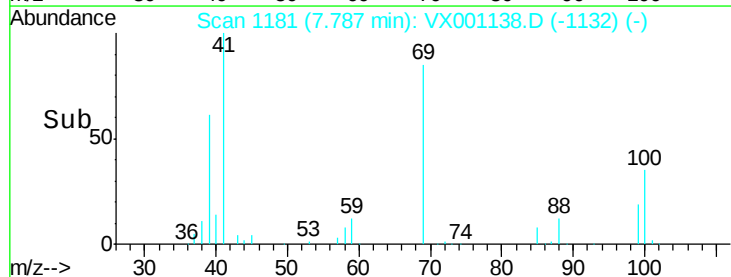
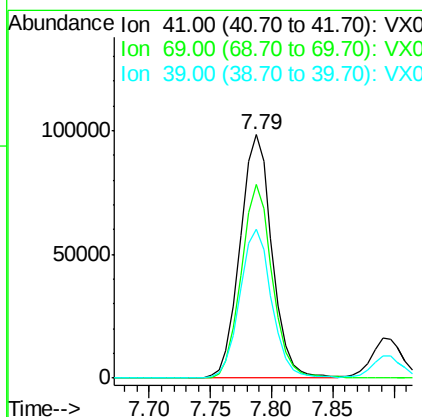
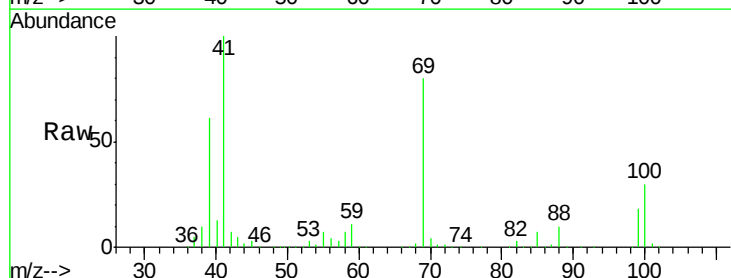
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

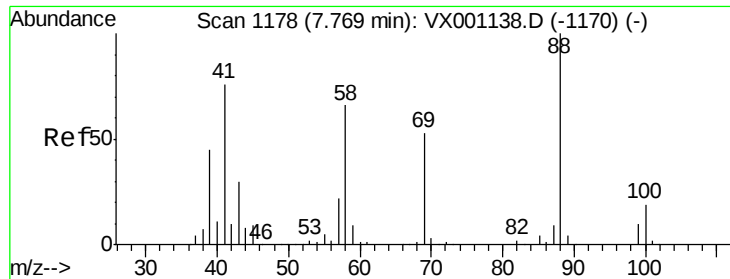
Tgt Ion: 83 Resp: 176426
 Ion Ratio Lower Upper
 83 100
 85 64.9 51.9 77.9
 127 9.6 7.7 11.5



#48
 Methyl methacrylate
 Concen: 53.57 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX001138.D
 Acq: 26 Apr 2018 18:20

Tgt Ion: 41 Resp: 178160
 Ion Ratio Lower Upper
 41 100
 69 78.0 62.4 93.6
 39 60.9 48.7 73.1

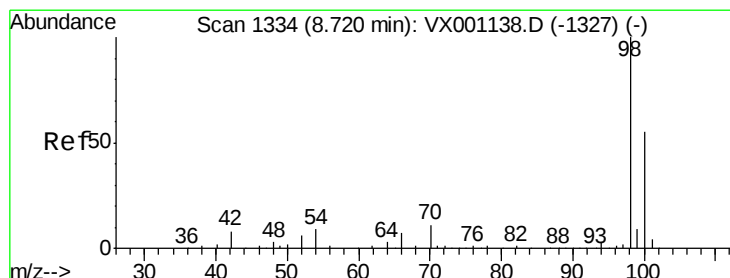
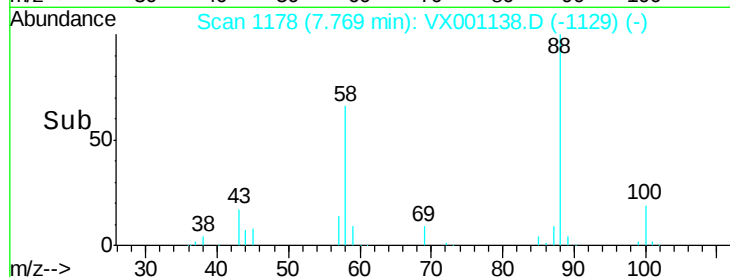
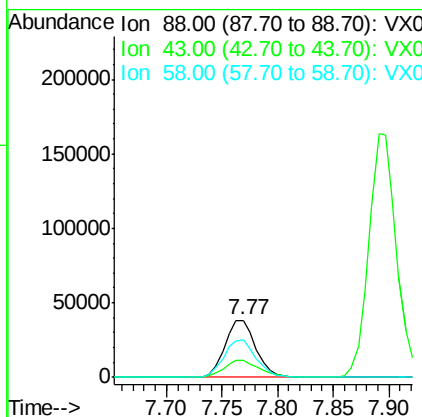
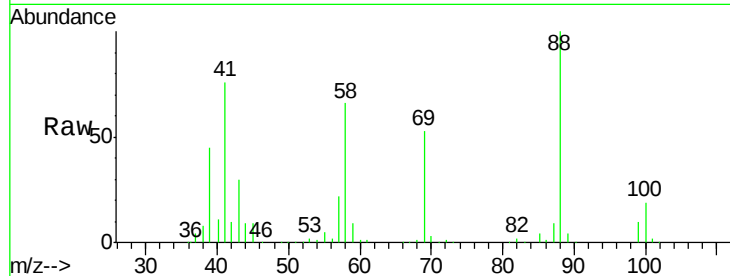




#49
1,4-Dioxane
Concen: 1390.79 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

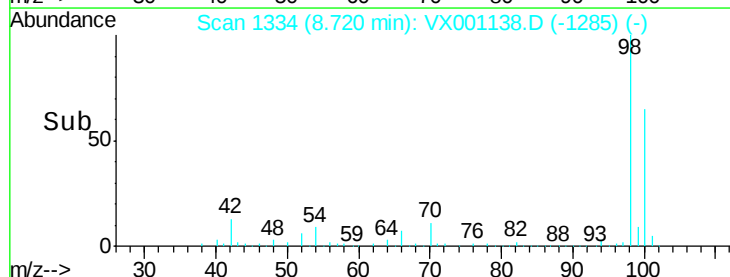
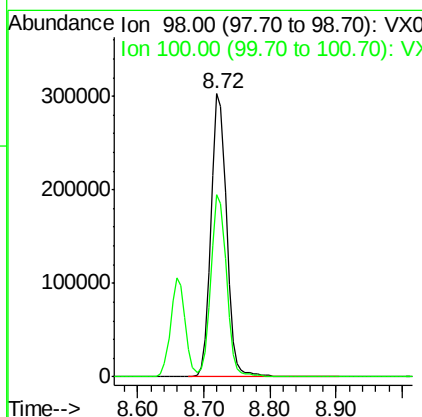
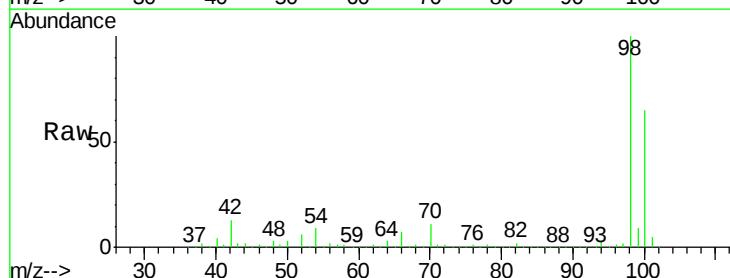
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

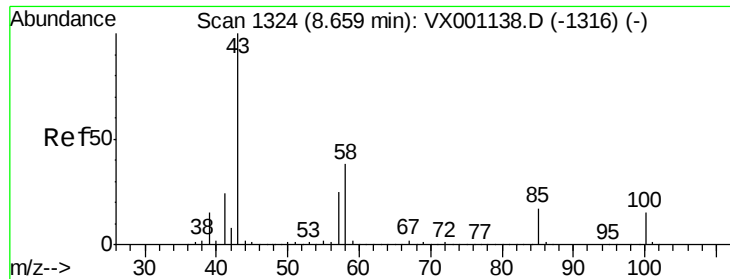
Tgt Ion: 88 Resp: 73670
Ion Ratio Lower Upper
88 100
43 34.1 27.3 40.9
58 67.8 54.2 81.4



#50
Toluene-d8
Concen: 52.75 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

Tgt Ion: 98 Resp: 494530
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 291.40 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

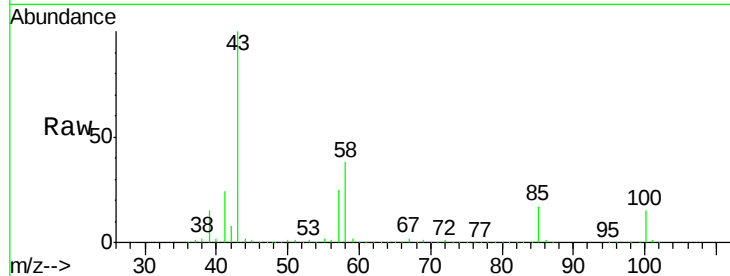
VSTDICCC050

Tgt Ion: 43 Resp: 1114771

Ion Ratio Lower Upper

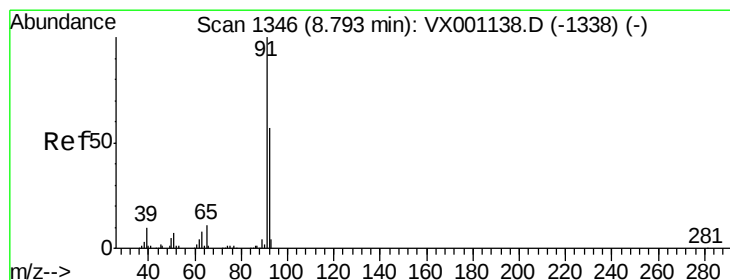
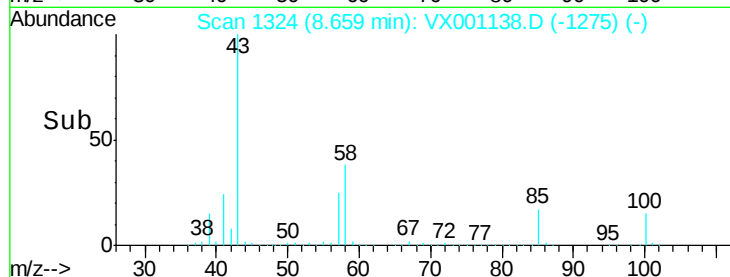
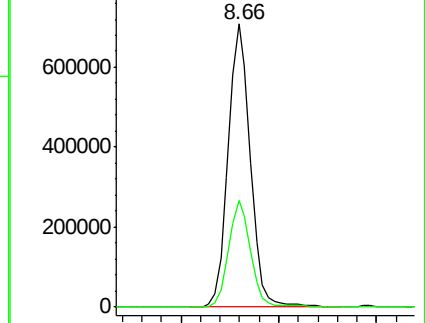
43 100

58 37.7 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.13 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001138.D

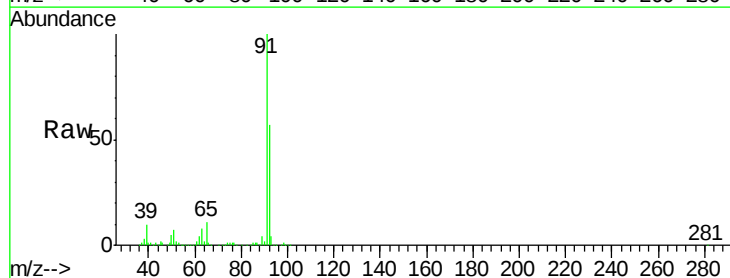
Acq: 26 Apr 2018 18:20

Tgt Ion: 92 Resp: 334918

Ion Ratio Lower Upper

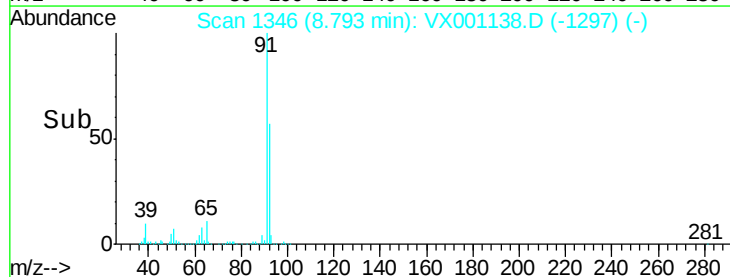
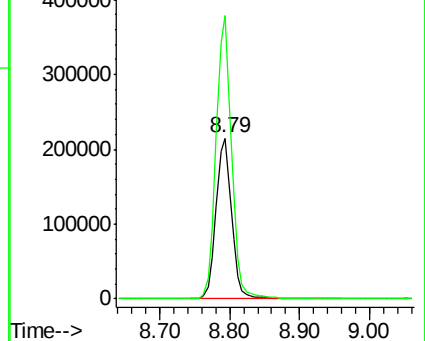
92 100

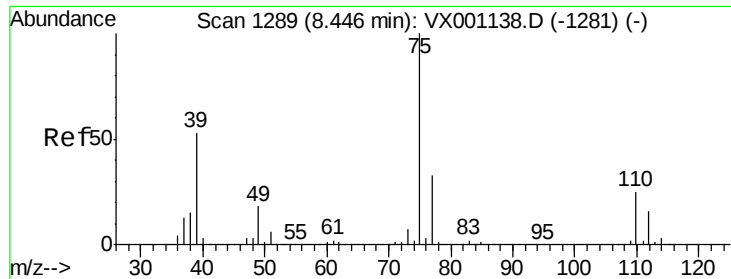
91 174.7 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

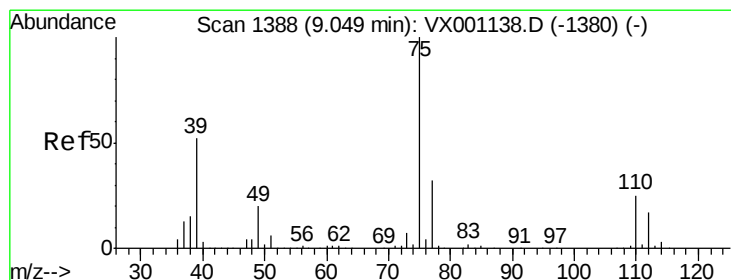
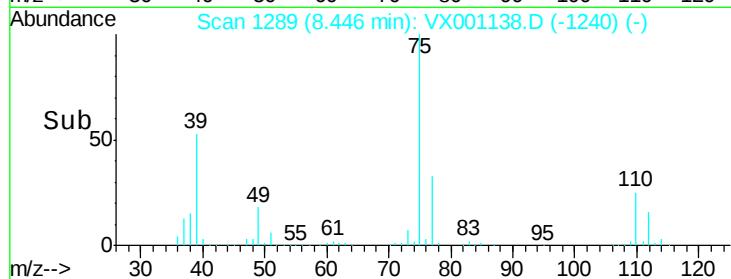
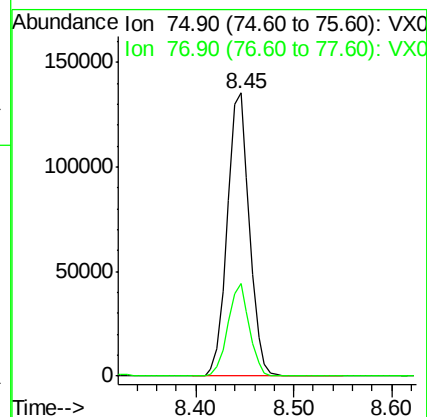
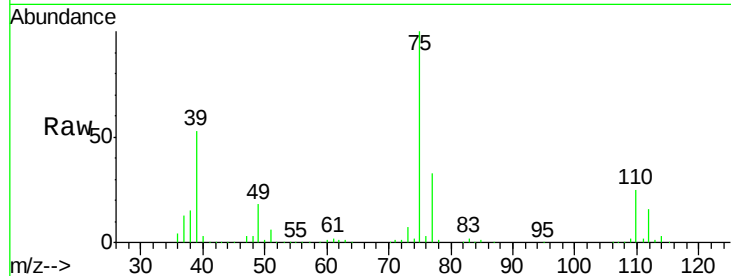




#53
t-1,3-Dichloropropene
Concen: 51.02 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

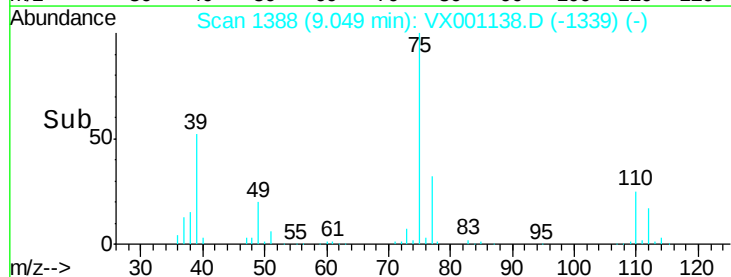
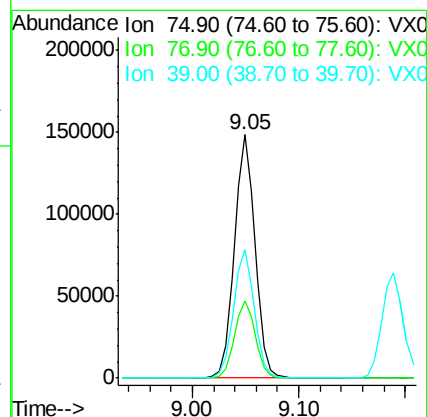
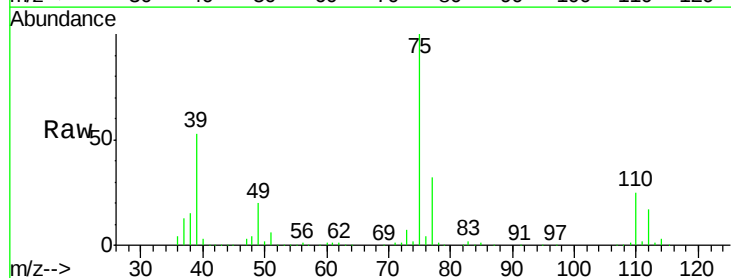
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

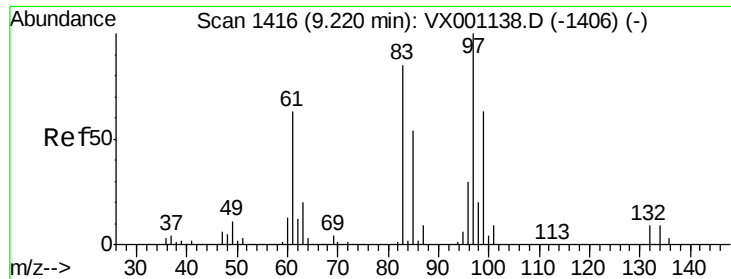
Tgt Ion: 75 Resp: 211964
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.4



#54
cis-1,3-Dichloropropene
Concen: 51.59 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

Tgt Ion: 75 Resp: 201936
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2
39 52.5 42.0 63.0

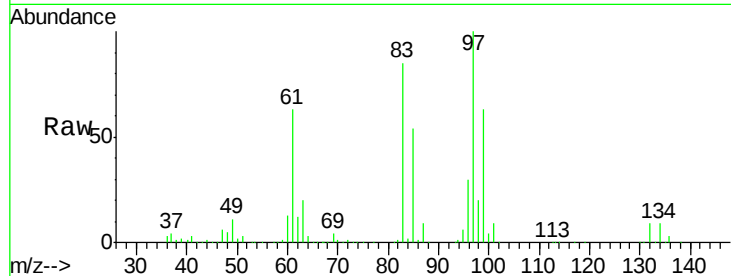




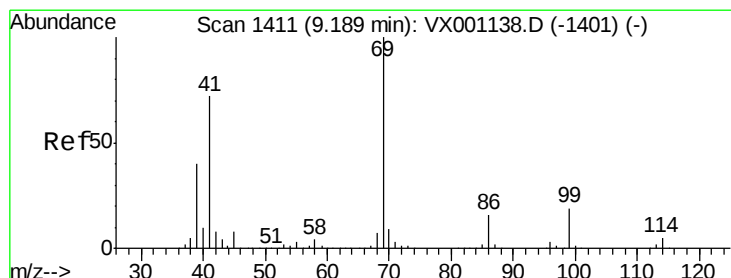
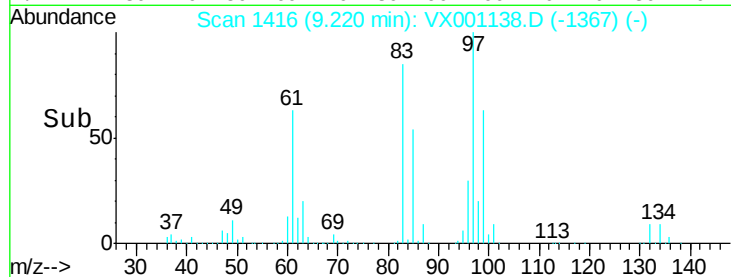
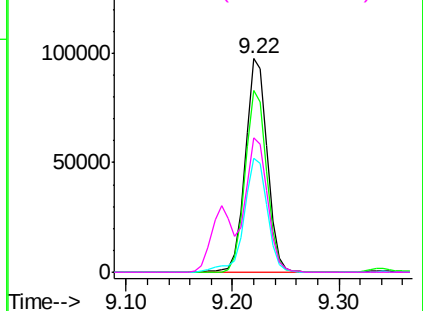
#55
 1,1,2-Trichloroethane
 Concen: 50.41 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001138.D
 Acq: 26 Apr 2018 18:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	140900
Ion	Ratio	Lower	Upper
97	100		
83	85.0	68.0	102.0
85	53.6	42.9	64.3
99	62.9	50.3	75.5

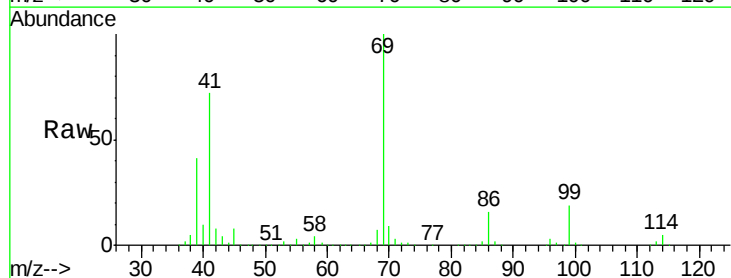


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

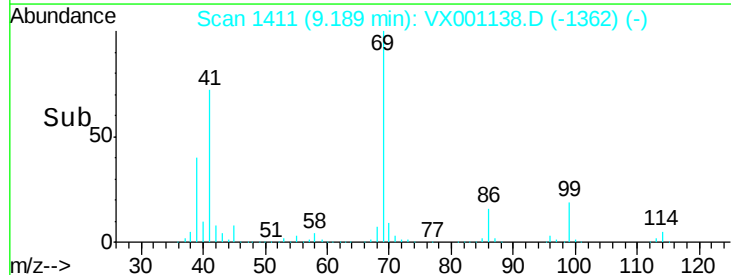
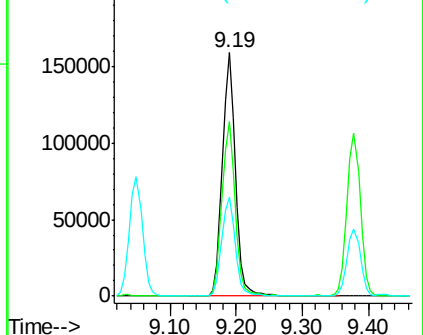


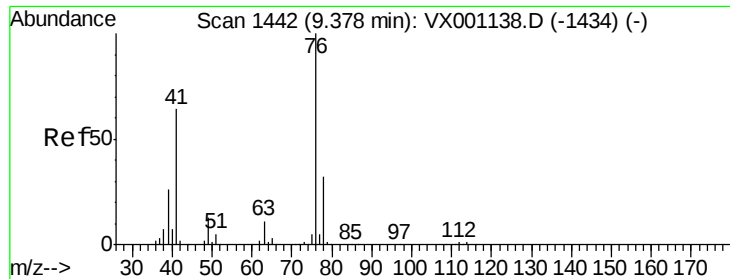
#56
 Ethyl methacrylate
 Concen: 53.00 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001138.D
 Acq: 26 Apr 2018 18:20

Tgt Ion:	69	Resp:	218674
Ion	Ratio	Lower	Upper
69	100		
41	72.1	57.7	86.5
39	41.6	33.3	49.9



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: 49.75 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

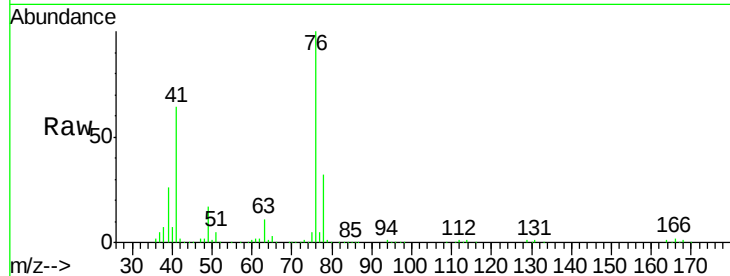
VSTDICCC050

Tgt Ion: 76 Resp: 230042

Ion Ratio Lower Upper

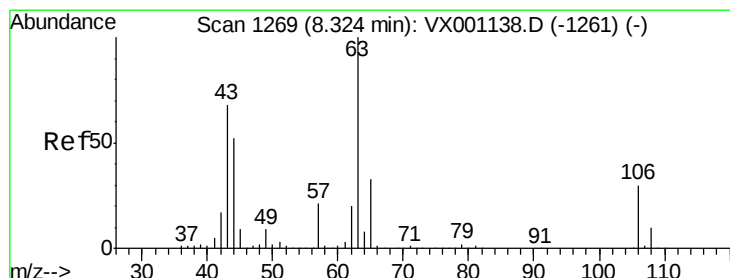
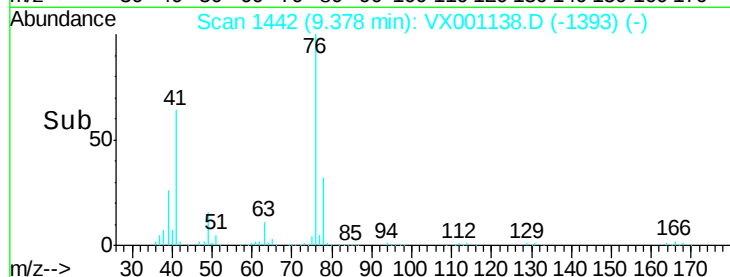
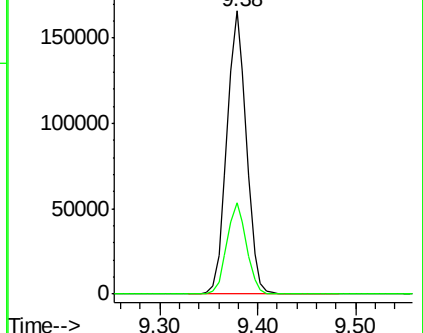
76 100

78 32.6 26.1 39.1



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: 253.62 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX001138.D

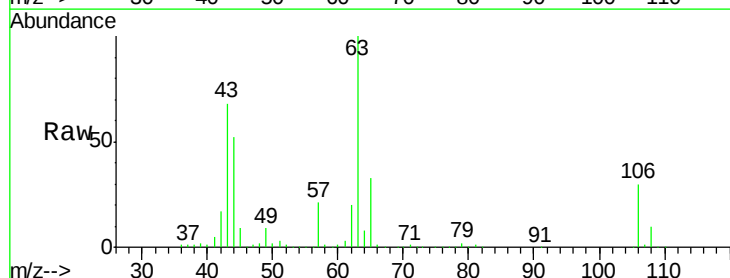
Acq: 26 Apr 2018 18:20

Tgt Ion: 63 Resp: 505998

Ion Ratio Lower Upper

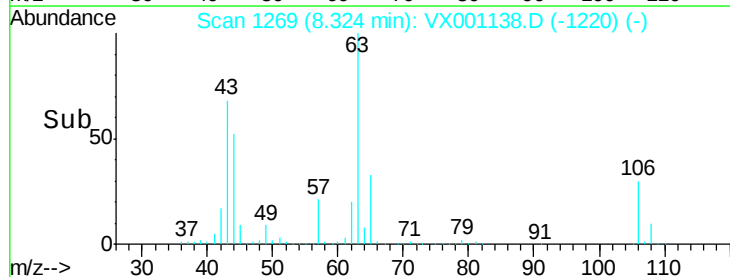
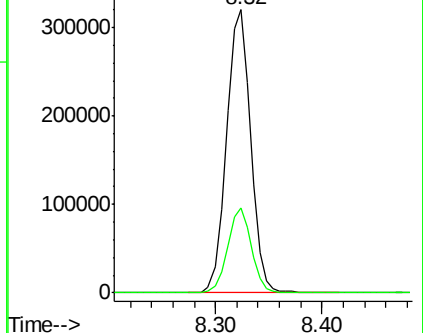
63 100

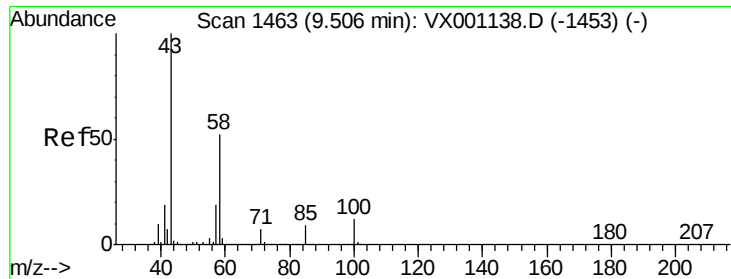
106 29.6 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

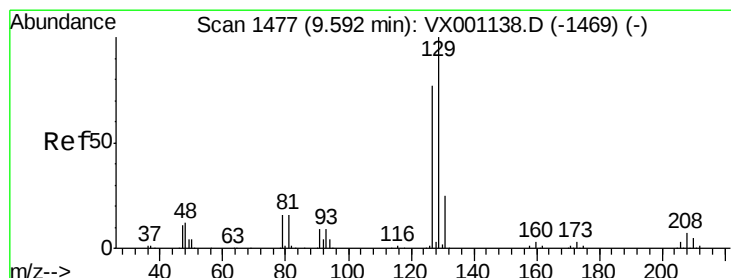
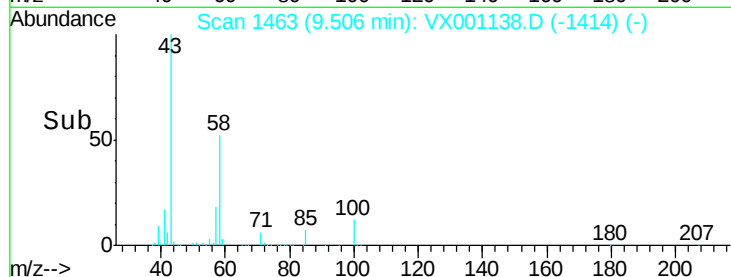
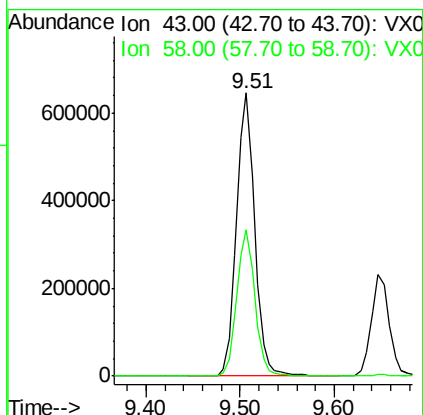
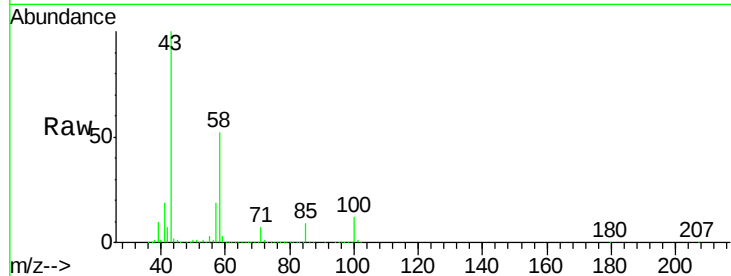




#59
2-Hexanone
Concen: 296.00 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

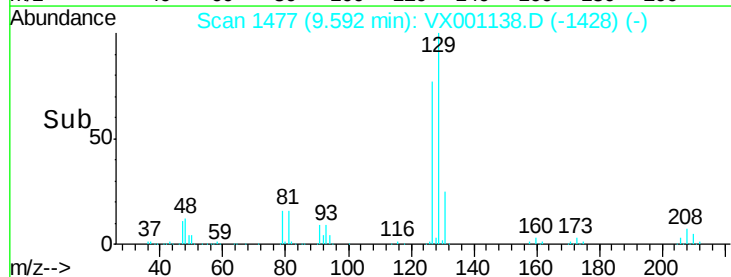
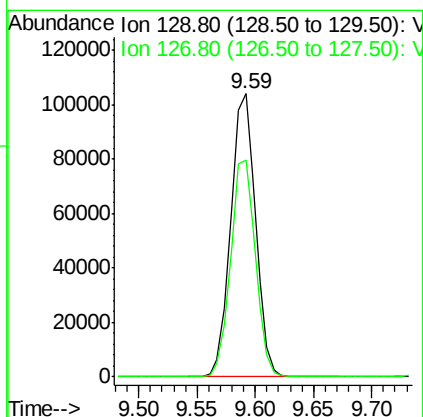
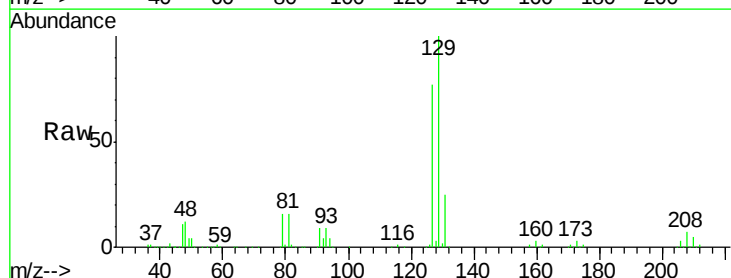
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

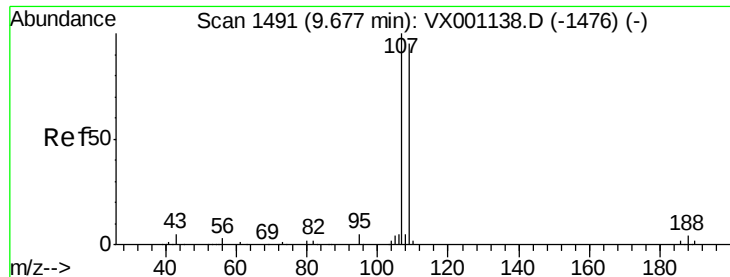
Tgt Ion: 43 Resp: 870696
Ion Ratio Lower Upper
43 100
58 51.6 25.8 77.4



#60
Dibromochloromethane
Concen: 52.95 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

Tgt Ion: 129 Resp: 154862
Ion Ratio Lower Upper
129 100
127 76.8 38.4 115.2





#61

1,2-Dibromoethane

Concen: 51.97 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

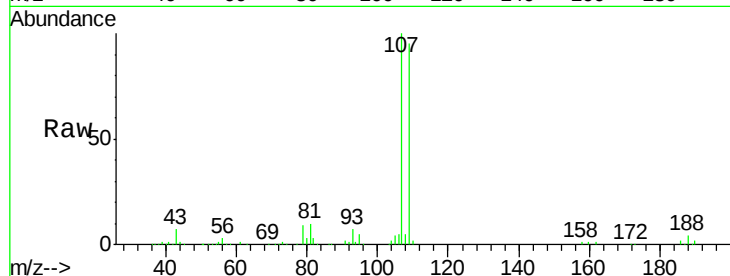
VSTDICCC050

Tgt Ion: 107 Resp: 153736

Ion Ratio Lower Upper

107 100

109 94.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

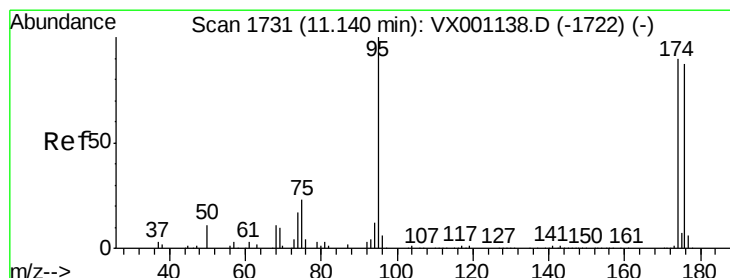
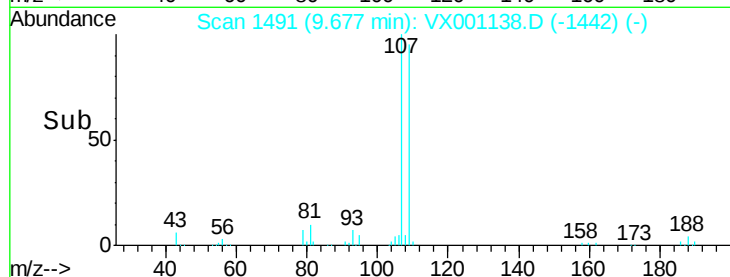
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.31 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

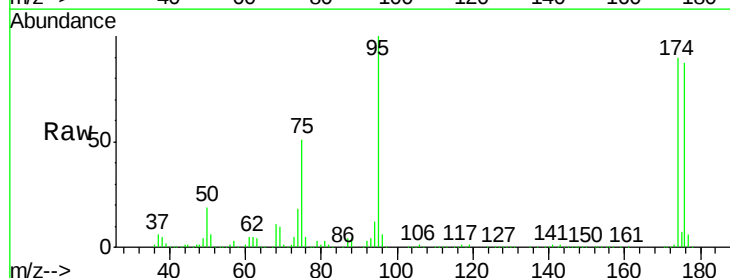
Tgt Ion: 95 Resp: 196830

Ion Ratio Lower Upper

95 100

174 97.2 0.0 194.4

176 95.1 0.0 190.2



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

200000

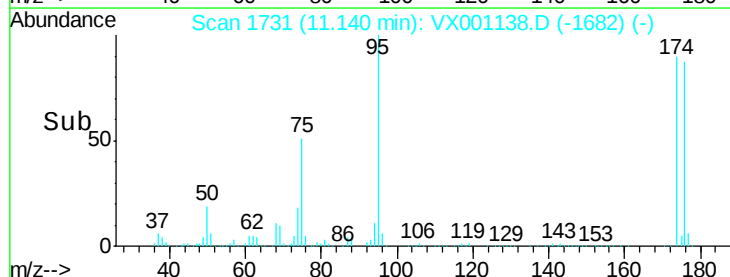
150000

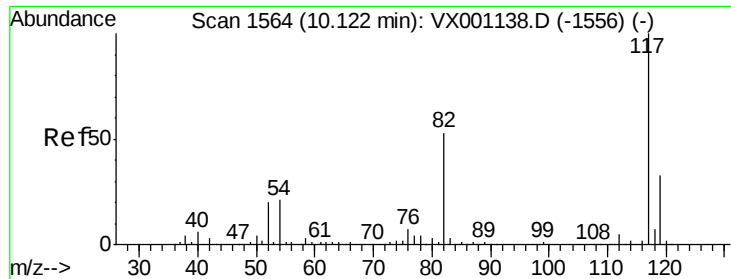
100000

50000

0

Time-->

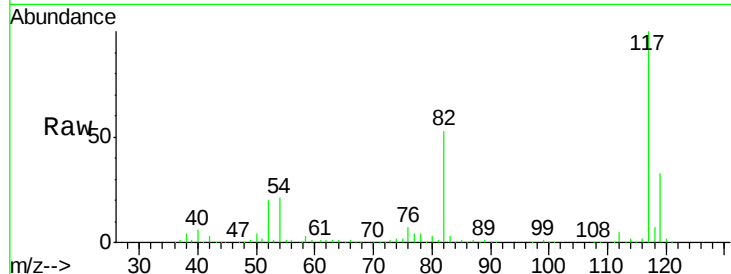




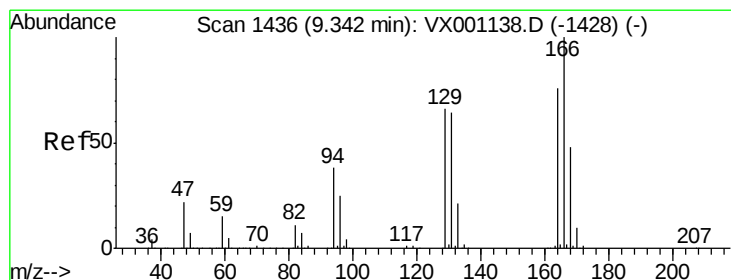
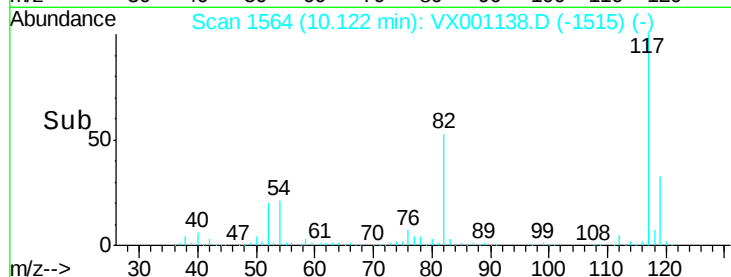
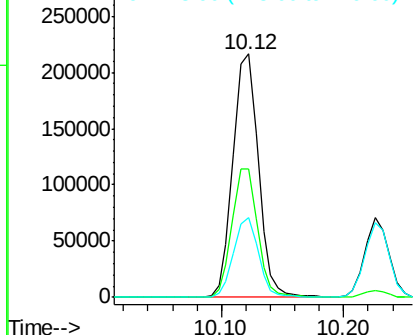
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 312780
Ion Ratio Lower Upper
117 100
82 52.6 42.1 63.1
119 32.6 26.1 39.1

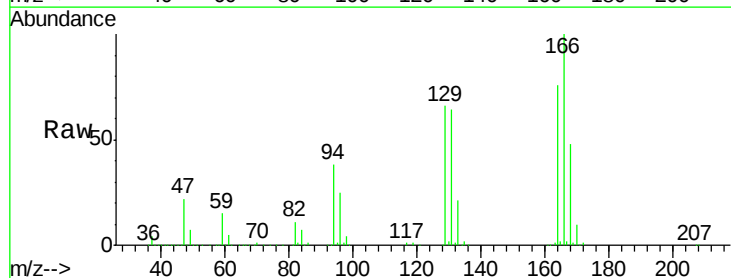


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VXO
Ion 118.90 (118.60 to 119.60): V

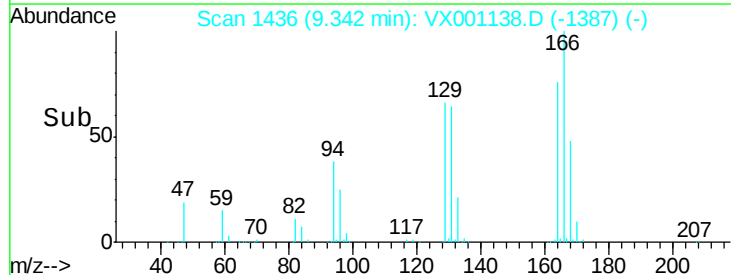
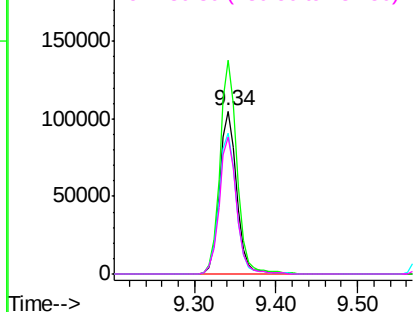


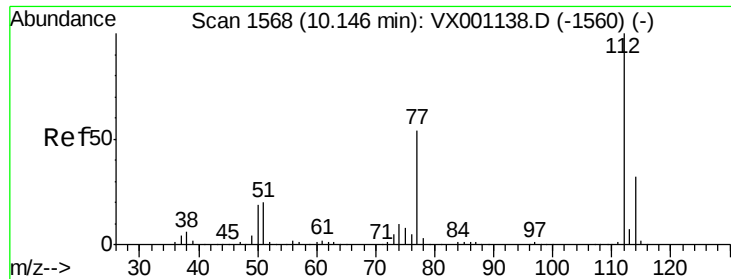
#64
Tetrachloroethene
Concen: 47.07 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

Tgt Ion:164 Resp: 155793
Ion Ratio Lower Upper
164 100
166 131.3 105.0 157.6
129 86.8 69.4 104.2
131 84.1 67.3 100.9



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

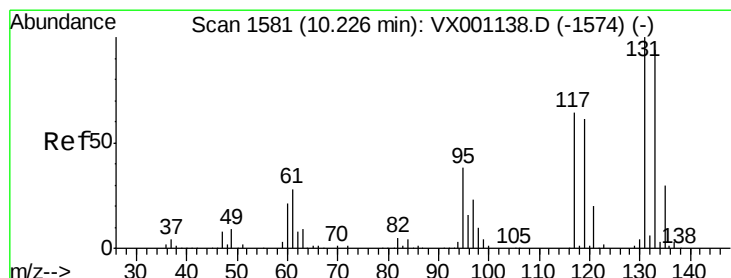
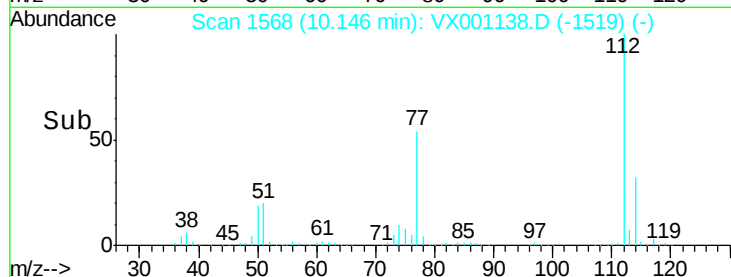
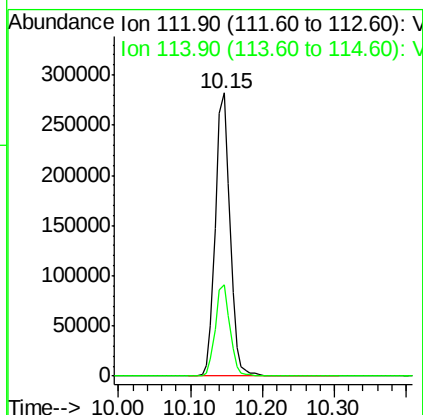
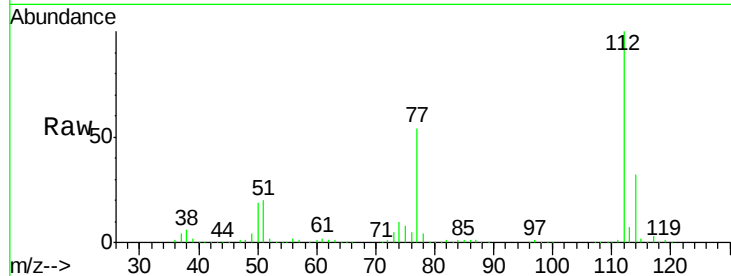




#65
Chlorobenzene
Concen: 47.74 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

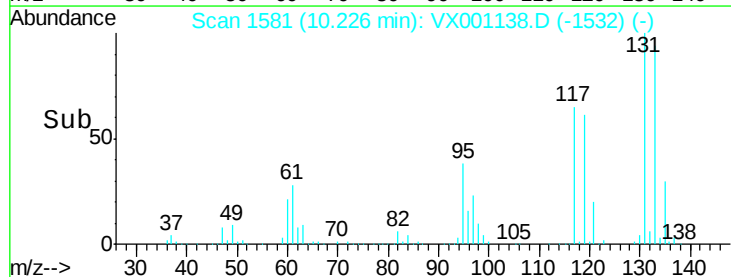
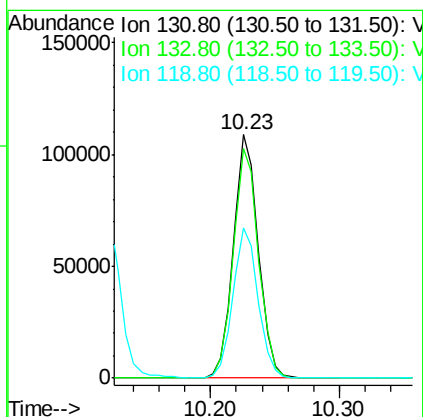
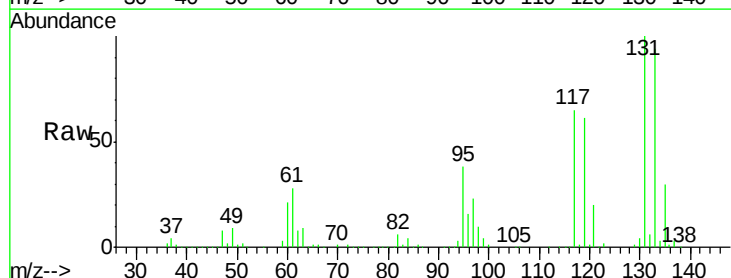
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

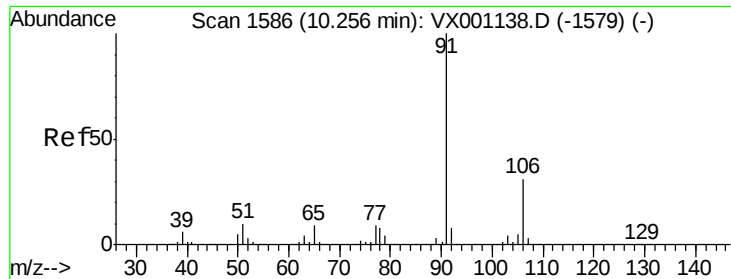
Tgt Ion:112 Resp: 396511
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.33 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

Tgt Ion:131 Resp: 146686
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 62.5 31.3 93.8





#67

Ethyl Benzene

Concen: 47.14 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

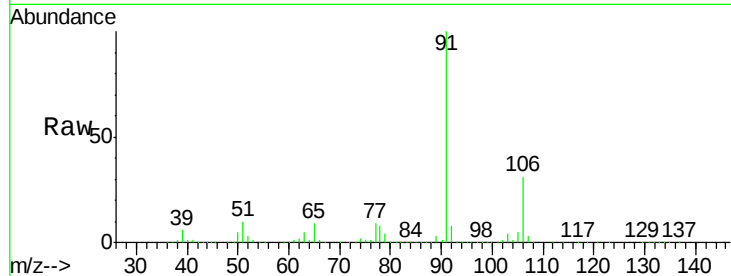
VSTDICCC050

Tgt Ion: 91 Resp: 647820

Ion Ratio Lower Upper

91 100

106 31.0 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

800000

600000

400000

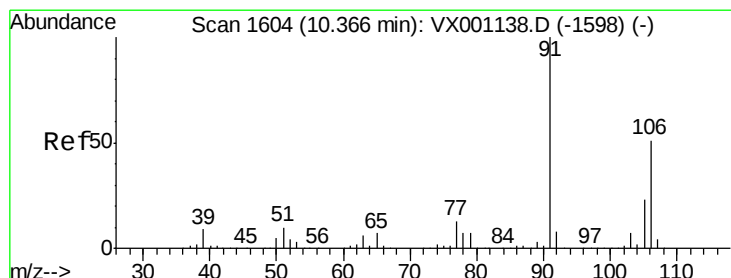
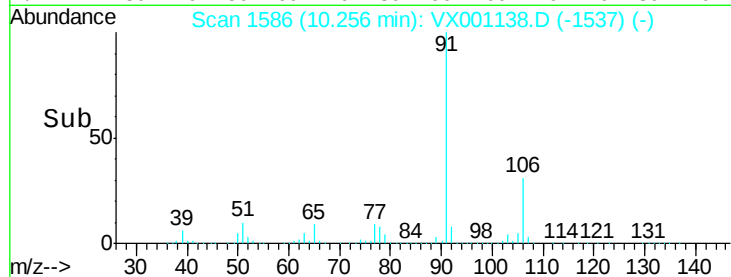
200000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 95.02 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001138.D

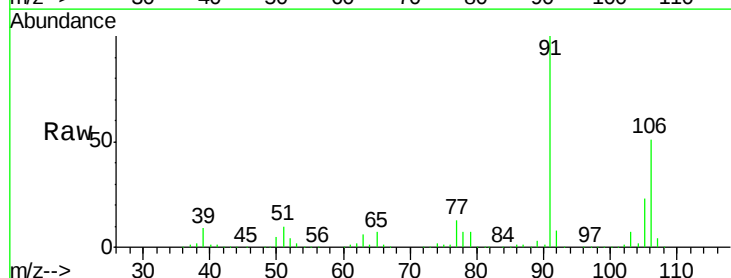
Acq: 26 Apr 2018 18:20

Tgt Ion: 106 Resp: 514678

Ion Ratio Lower Upper

106 100

91 201.1 160.9 241.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

800000

600000

400000

200000

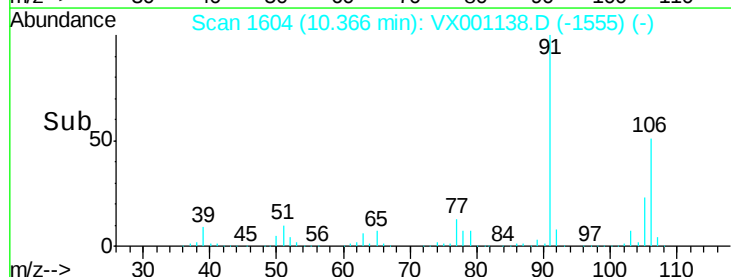
0

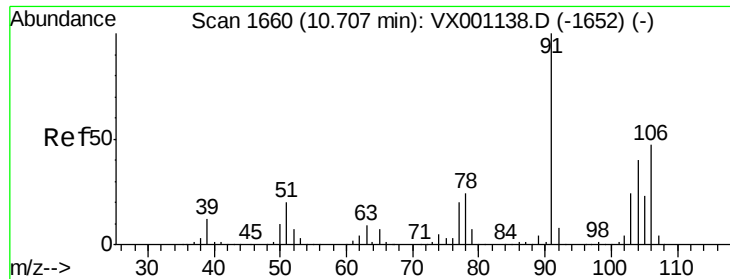
10.30

10.40

10.50

Time-->

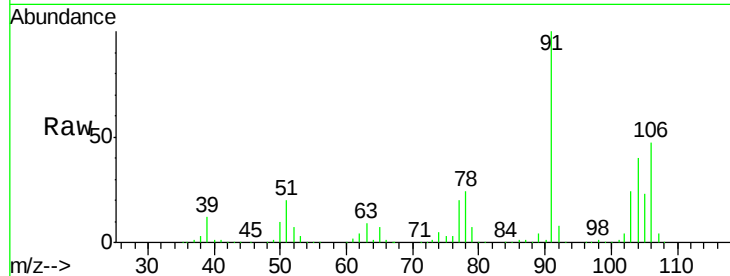




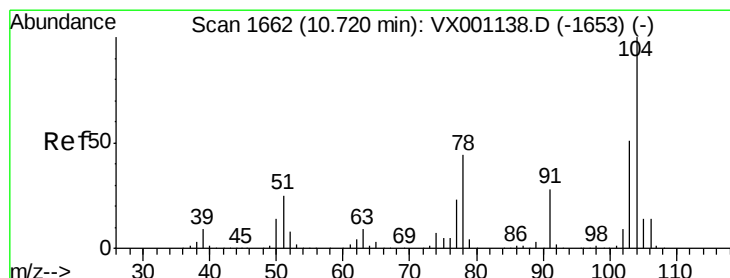
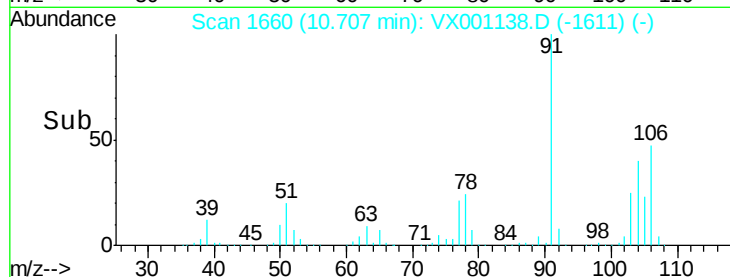
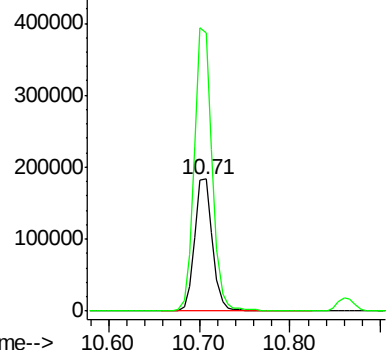
#69
o-Xylene
Concen: 48.31 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 253044
Ion Ratio Lower Upper
106 100
91 212.3 106.2 318.5

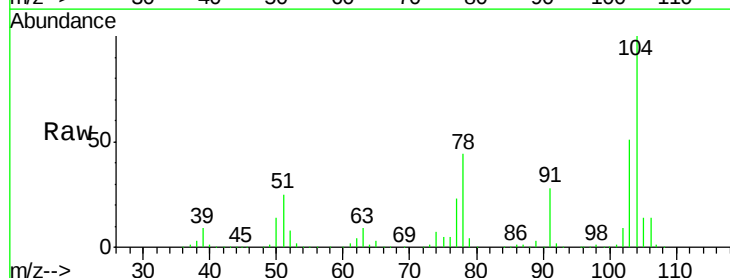


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

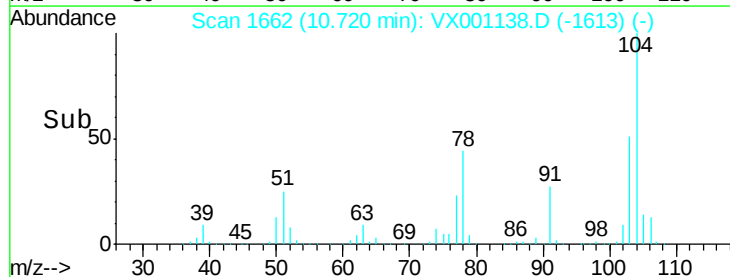
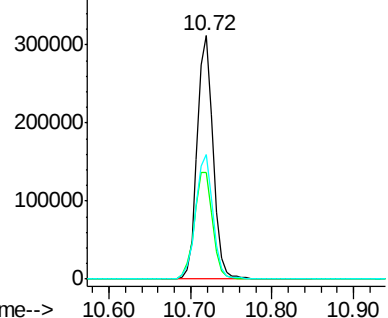


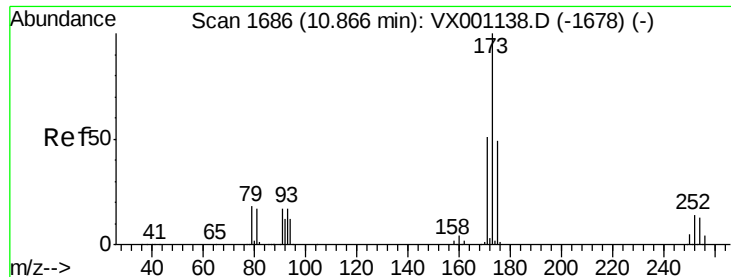
#70
Styrene
Concen: 49.07 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

Tgt Ion:104 Resp: 423039
Ion Ratio Lower Upper
104 100
78 50.4 40.3 60.5
103 55.4 44.3 66.5



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





#71

Bromoform

Concen: 54.42 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

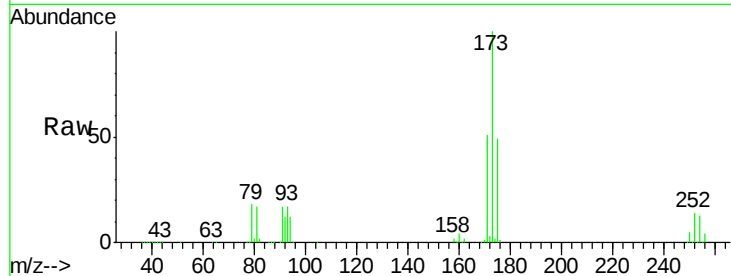
Tgt Ion:173 Resp: 128522

Ion Ratio Lower Upper

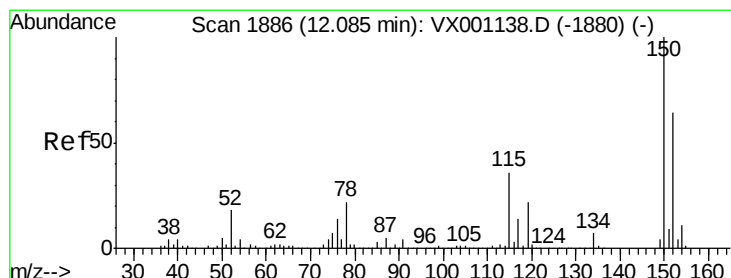
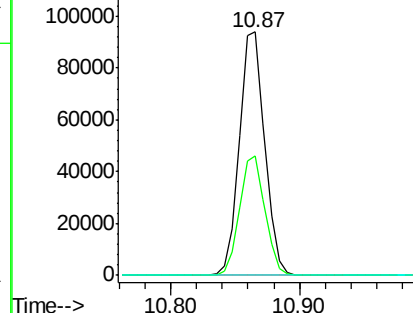
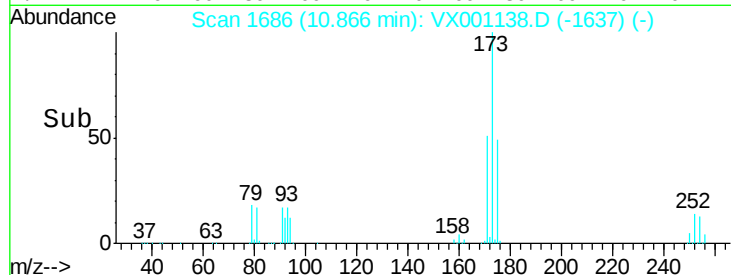
173 100

175 49.2 24.6 73.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

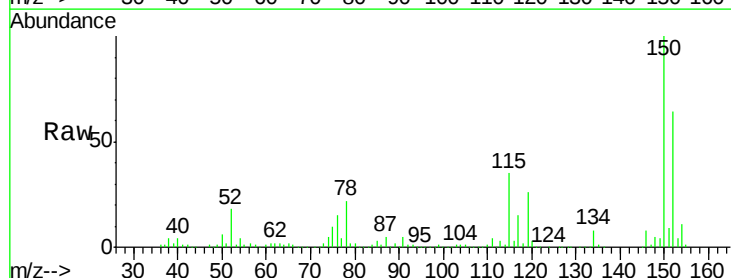
Tgt Ion:152 Resp: 213374

Ion Ratio Lower Upper

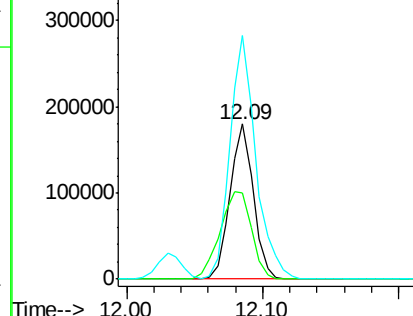
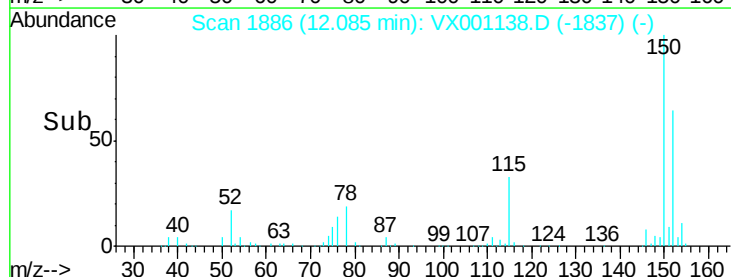
152 100

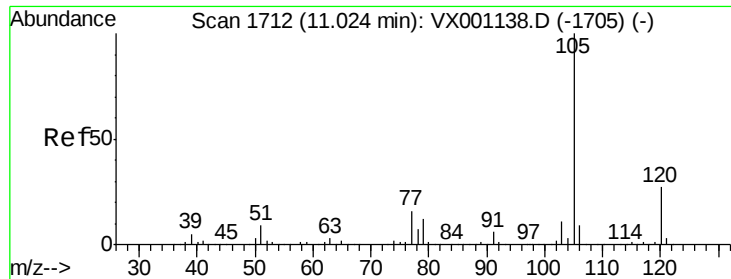
115 76.0 38.0 114.0

150 174.8 0.0 349.6



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: 47.85 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

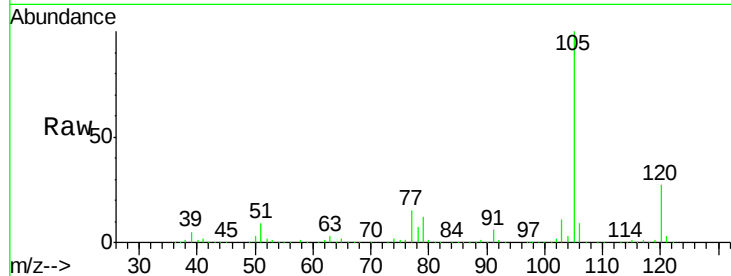
VSTDICCC050

Tgt Ion: 105 Resp: 664186

Ion Ratio Lower Upper

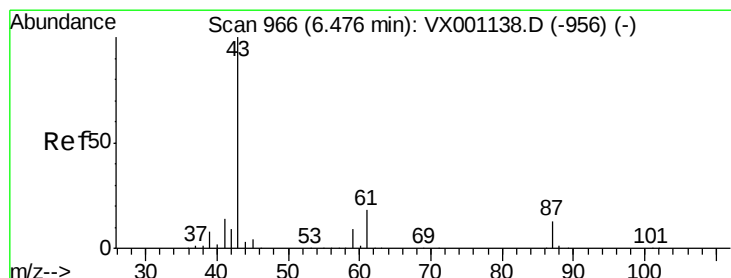
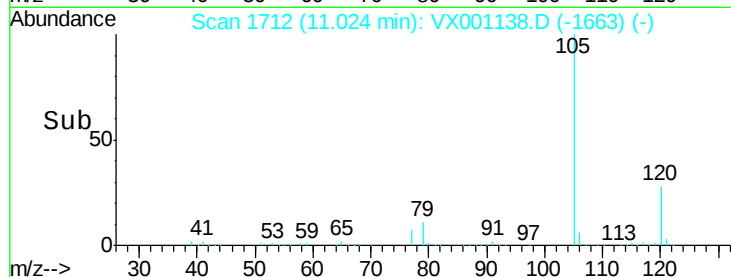
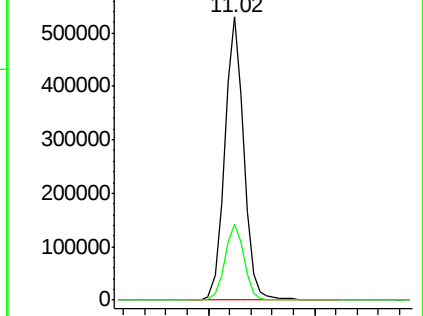
105 100

120 27.2 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.98 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Tgt Ion: 43 Resp: 336860

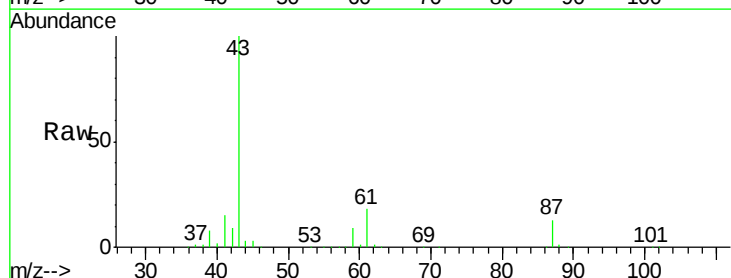
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.8 15.0 22.6

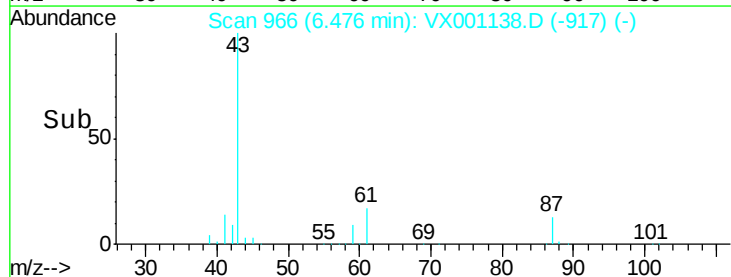
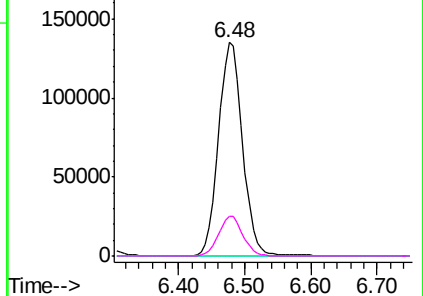


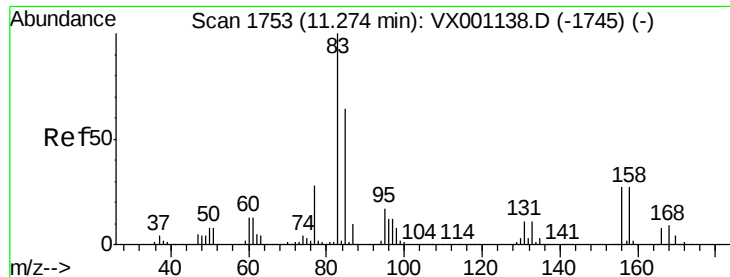
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.97 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

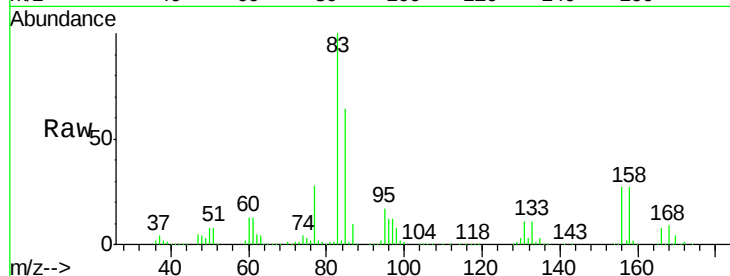
Tgt Ion: 83 Resp: 221581

Ion Ratio Lower Upper

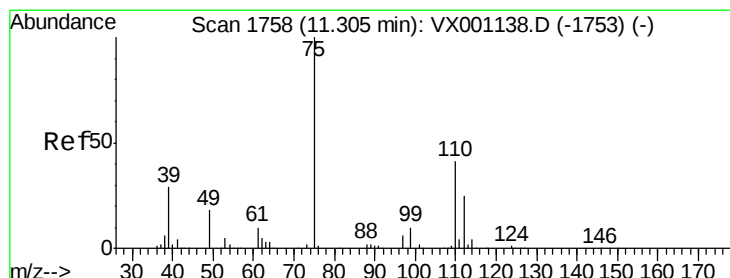
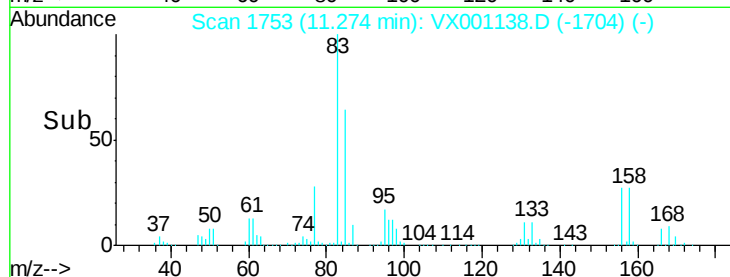
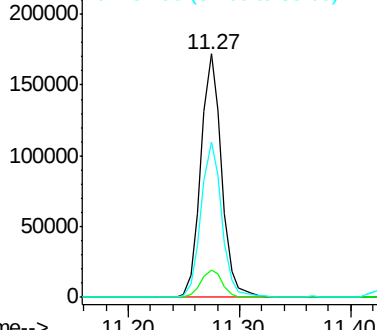
83 100

131 11.6 5.8 17.4

85 64.2 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.34 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001138.D

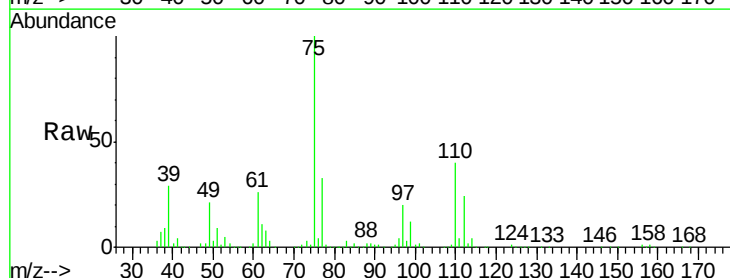
Acq: 26 Apr 2018 18:20

Tgt Ion: 75 Resp: 256344

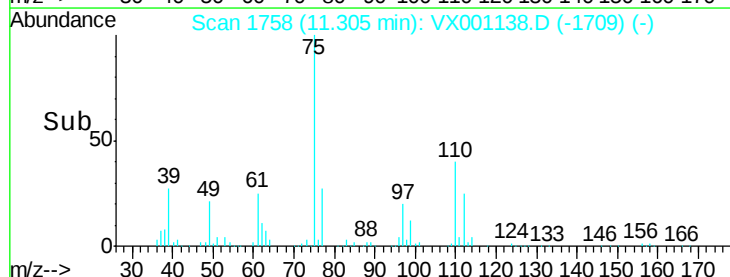
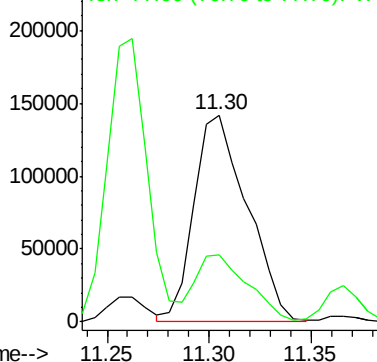
Ion Ratio Lower Upper

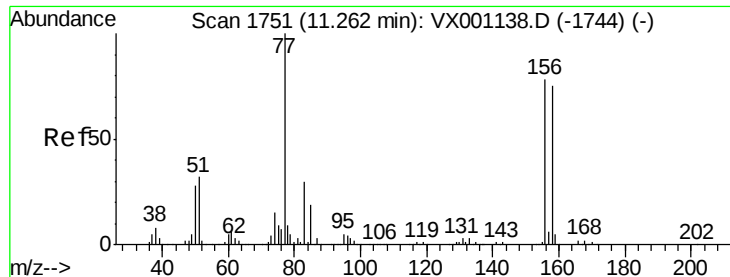
75 100

77 31.6 18.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.48 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

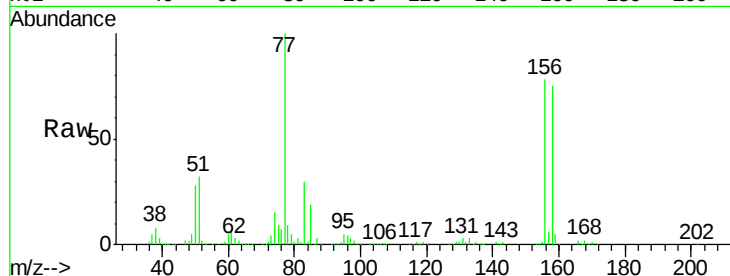
Tgt Ion:156 Resp: 195941

Ion Ratio Lower Upper

156 100

77 135.5 67.8 203.2

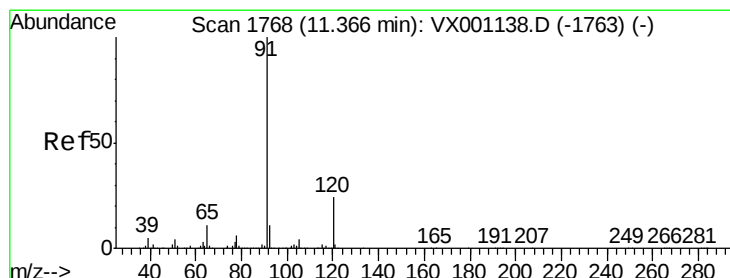
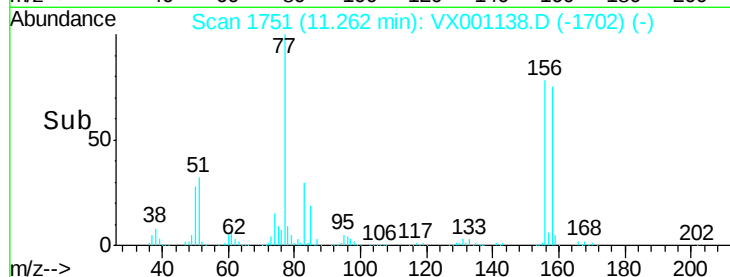
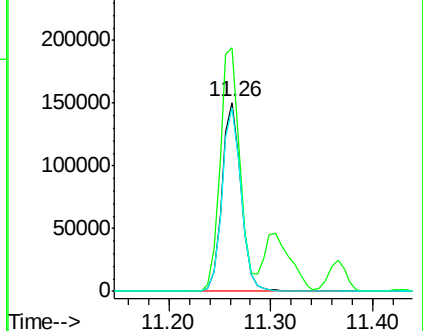
158 97.8 48.9 146.7



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: 47.42 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001138.D

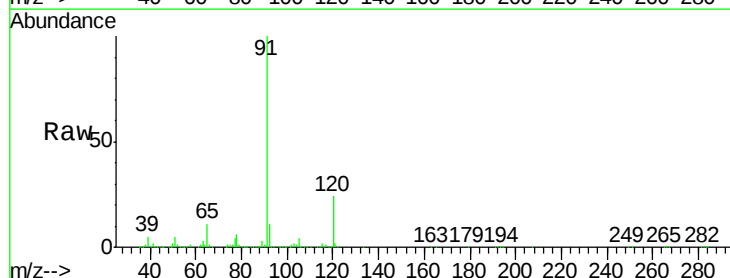
Acq: 26 Apr 2018 18:20

Tgt Ion: 91 Resp: 755107

Ion Ratio Lower Upper

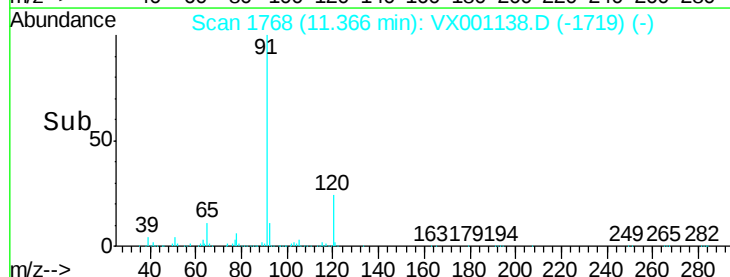
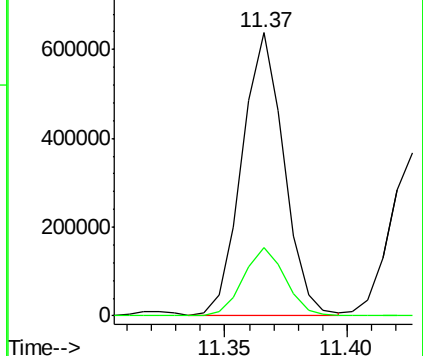
91 100

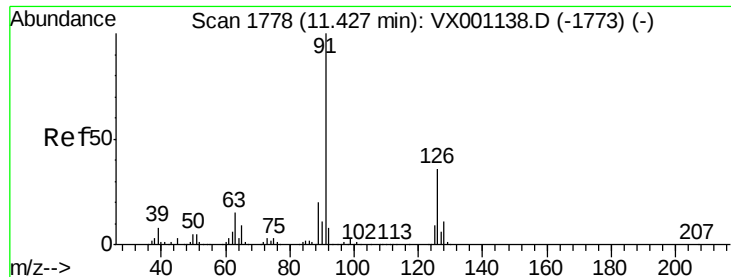
120 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.40 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

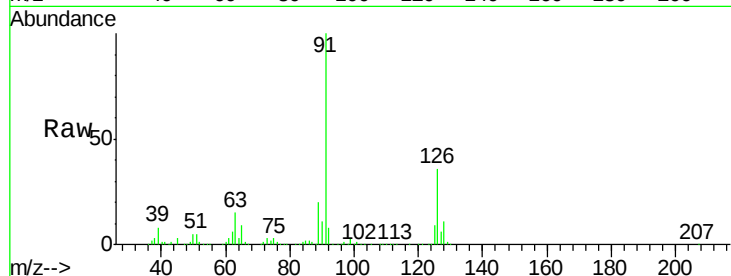
VSTDICCC050

Tgt Ion: 91 Resp: 457380

Ion Ratio Lower Upper

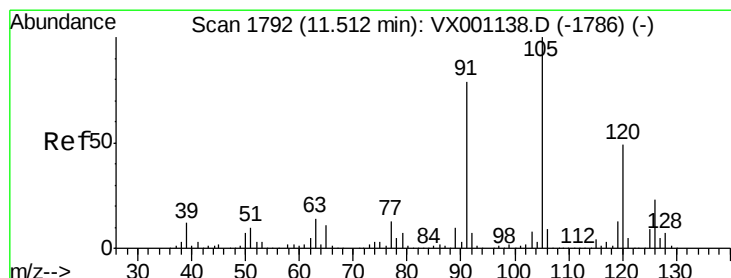
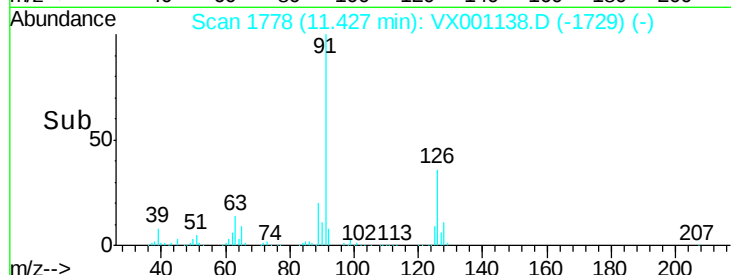
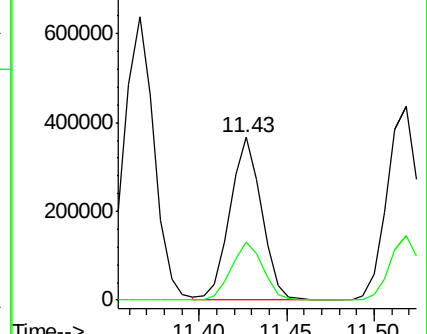
91 100

126 36.4 18.2 54.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.70 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001138.D

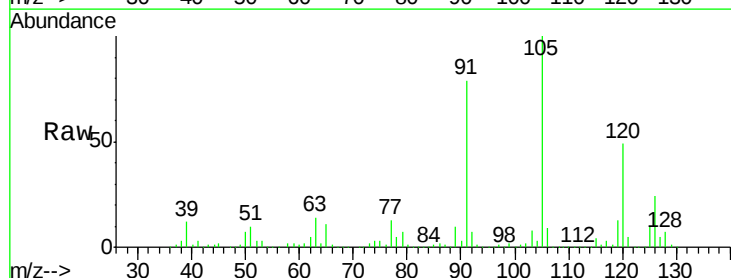
Acq: 26 Apr 2018 18:20

Tgt Ion: 105 Resp: 574184

Ion Ratio Lower Upper

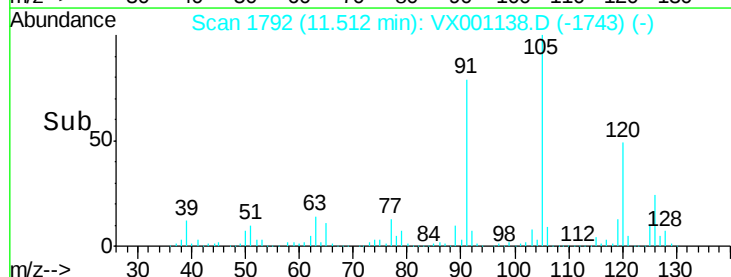
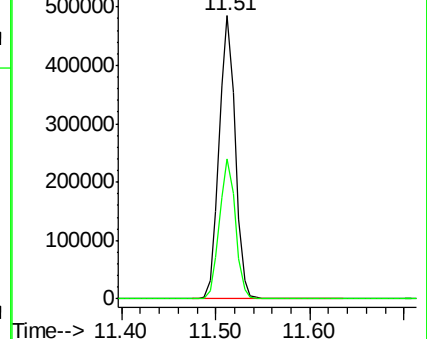
105 100

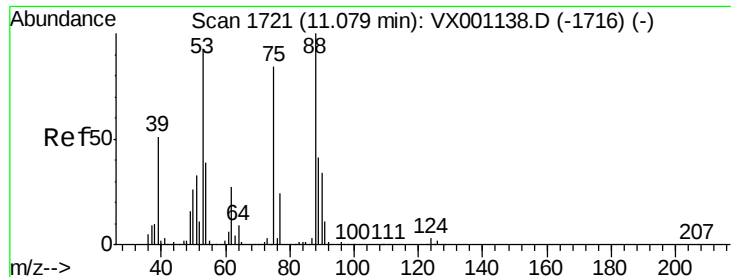
120 49.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 55.75 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

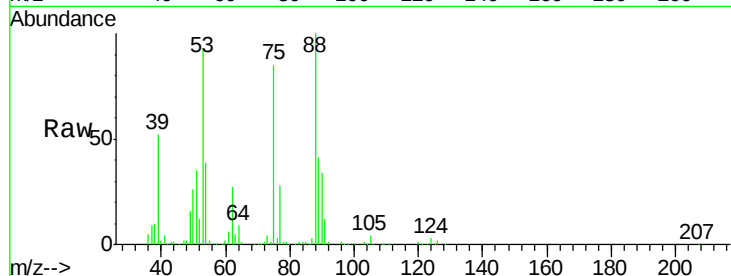
Tgt Ion: 75 Resp: 59053

Ion Ratio Lower Upper

75 100

53 109.9 87.9 131.9

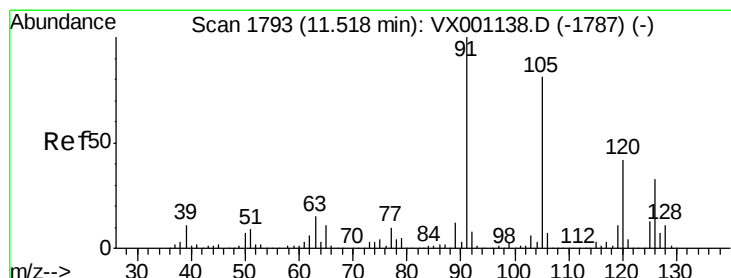
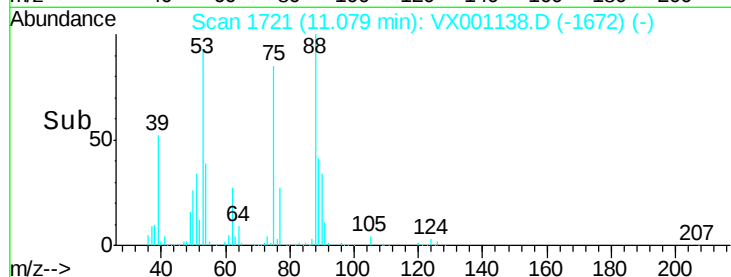
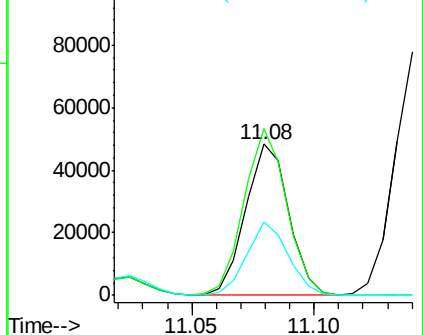
89 47.1 37.7 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.01 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001138.D

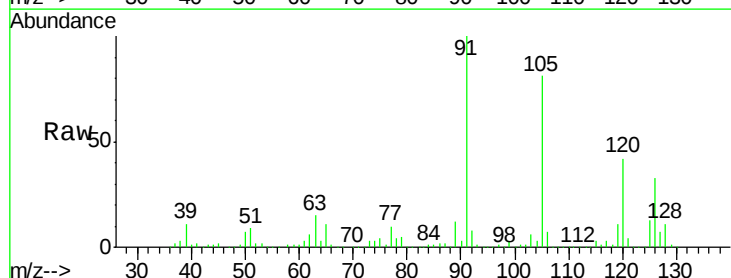
Acq: 26 Apr 2018 18:20

Tgt Ion: 91 Resp: 547868

Ion Ratio Lower Upper

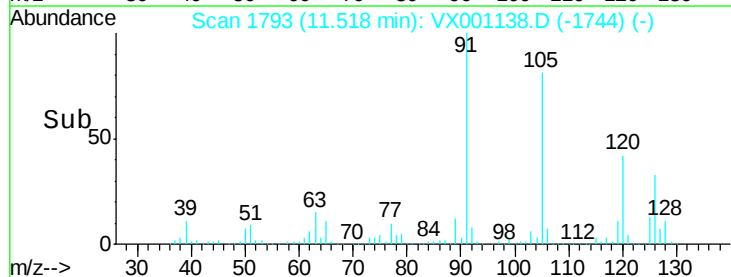
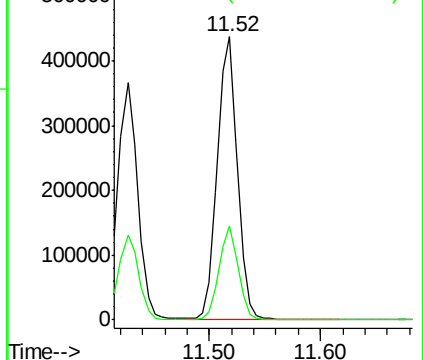
91 100

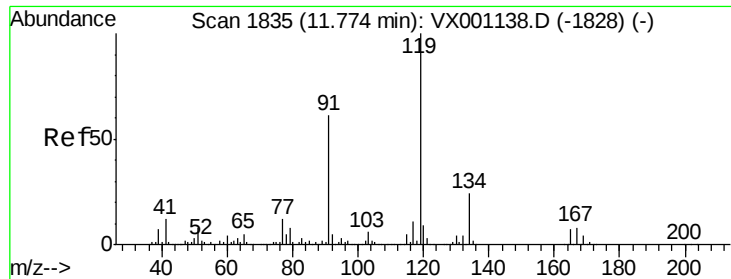
126 31.6 15.8 47.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

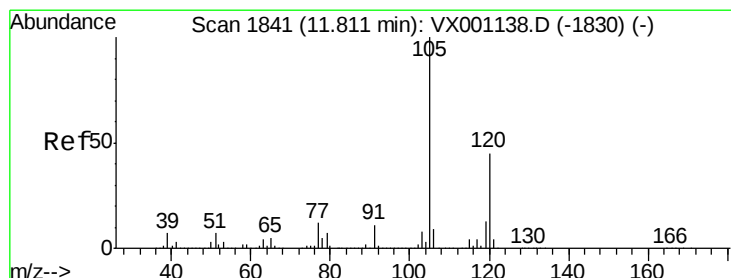
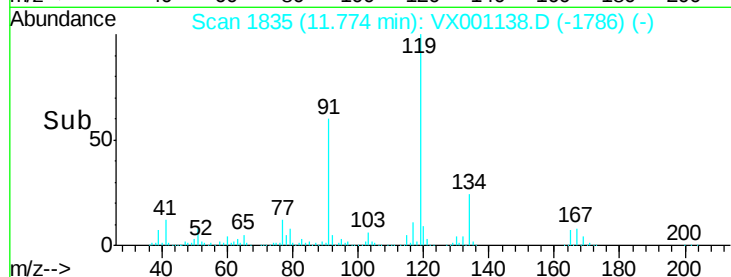
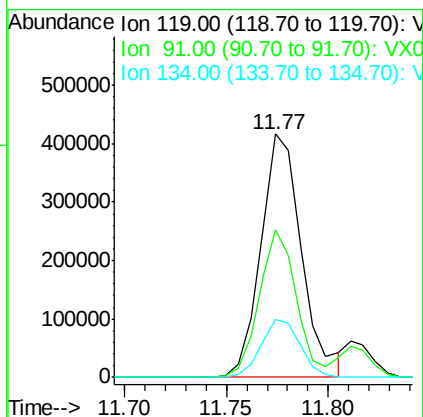
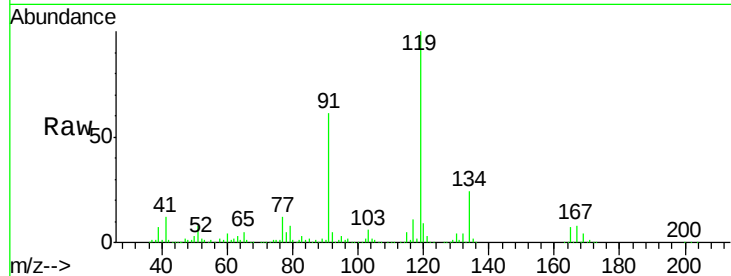




#83
 tert-Butylbenzene
 Concen: 48.80 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001138.D
 Acq: 26 Apr 2018 18:20

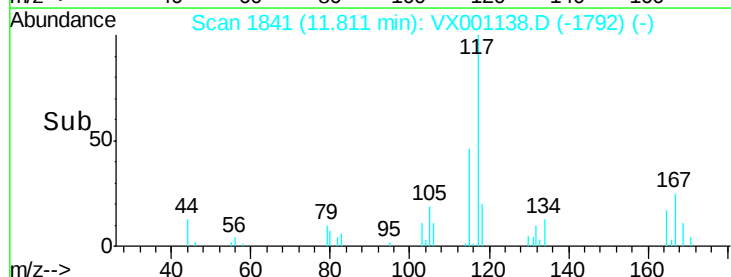
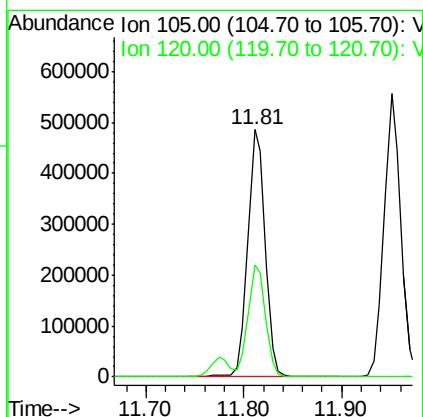
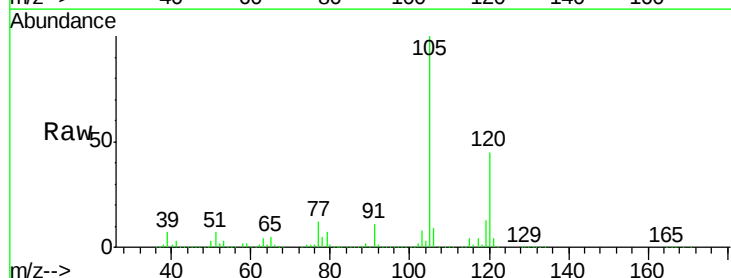
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

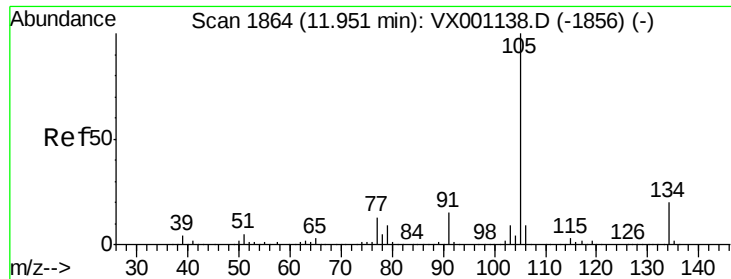
Tgt Ion:119 Resp: 579254
 Ion Ratio Lower Upper
 119 100
 91 55.2 27.6 82.8
 134 23.0 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.17 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001138.D
 Acq: 26 Apr 2018 18:20

Tgt Ion:105 Resp: 597676
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

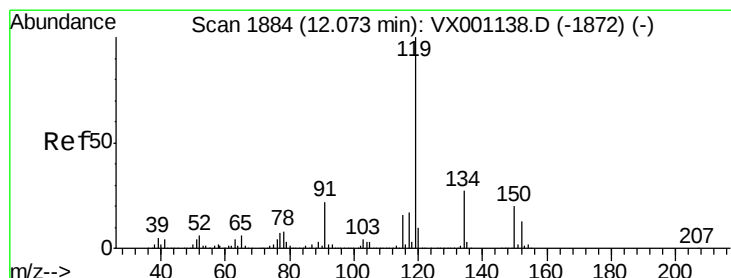
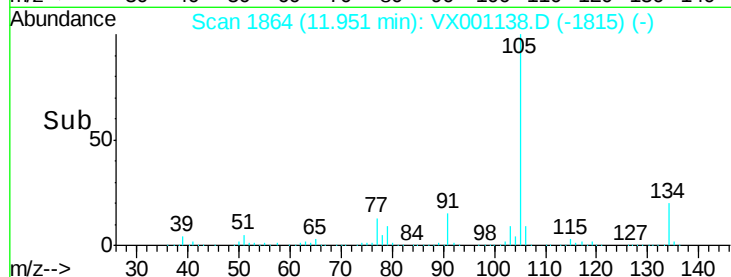
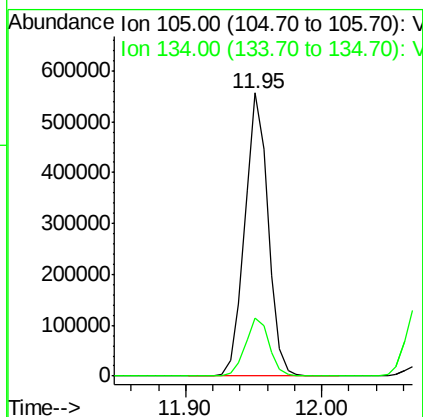
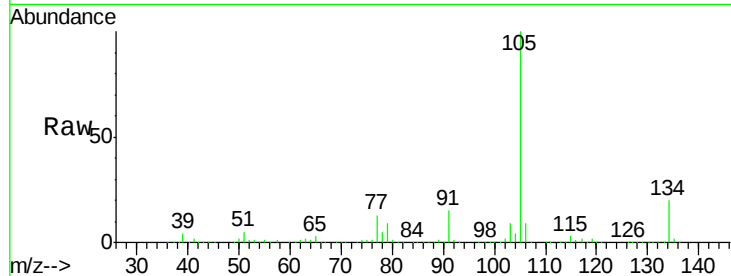




#85
 sec-Butylbenzene
 Concen: 47.04 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001138.D
 Acq: 26 Apr 2018 18:20

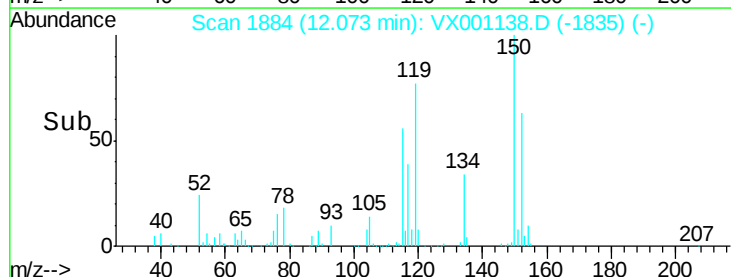
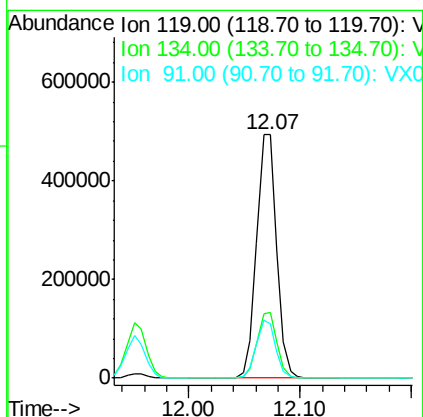
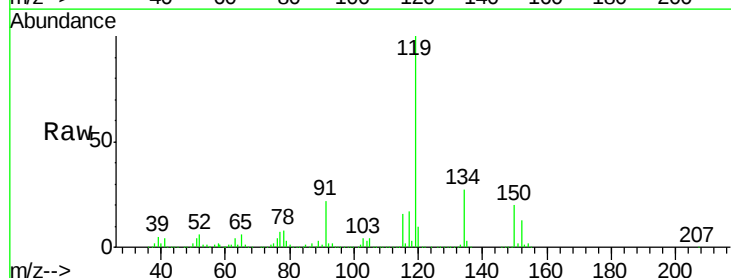
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

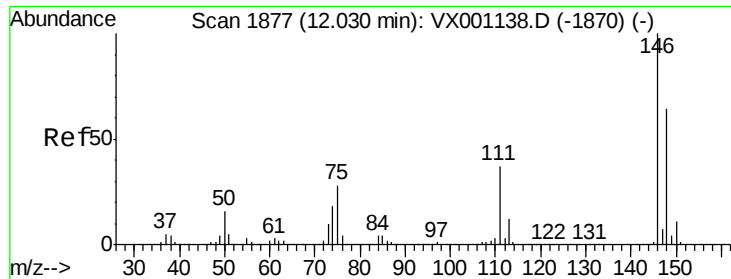
Tgt Ion:105 Resp: 664299
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 47.61 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001138.D
 Acq: 26 Apr 2018 18:20

Tgt Ion:119 Resp: 622958
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 23.2 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 46.80 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

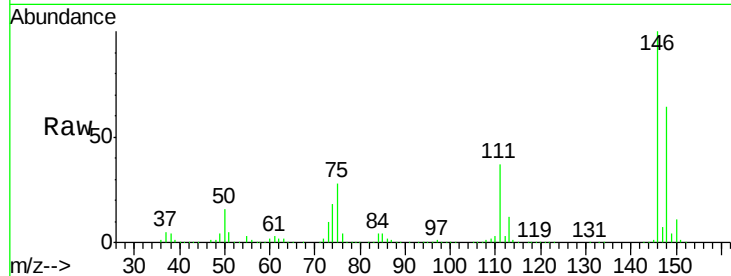
Tgt Ion:146 Resp: 352449

Ion Ratio Lower Upper

146 100

111 37.3 18.6 56.0

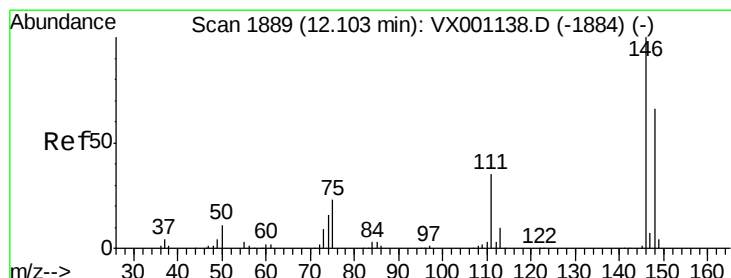
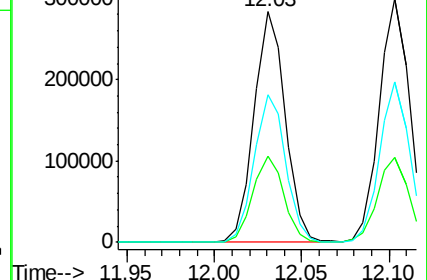
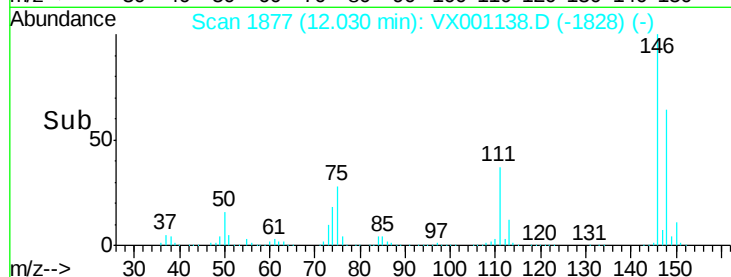
148 64.5 32.3 96.8



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



#88

1,4-Dichlorobenzene

Concen: 46.80 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

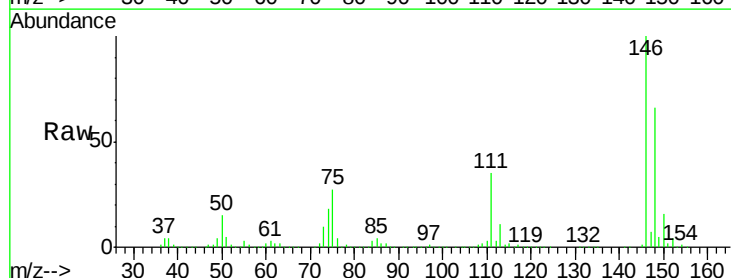
Tgt Ion:146 Resp: 362686

Ion Ratio Lower Upper

146 100

111 36.0 18.0 54.0

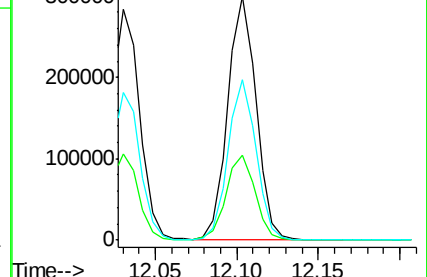
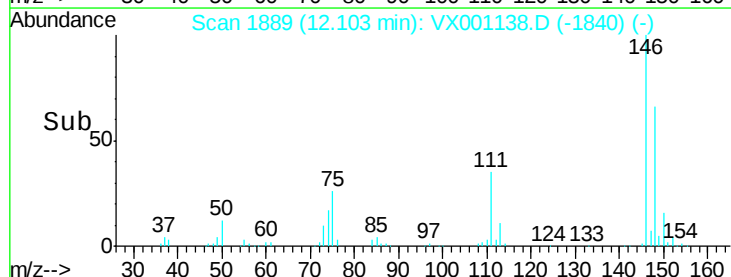
148 65.0 32.5 97.5

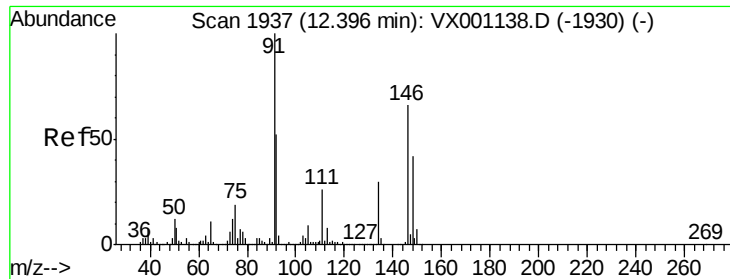


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

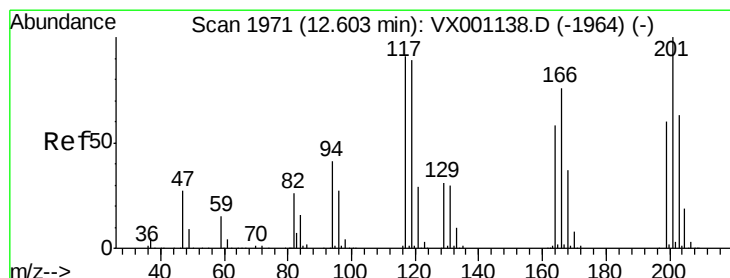
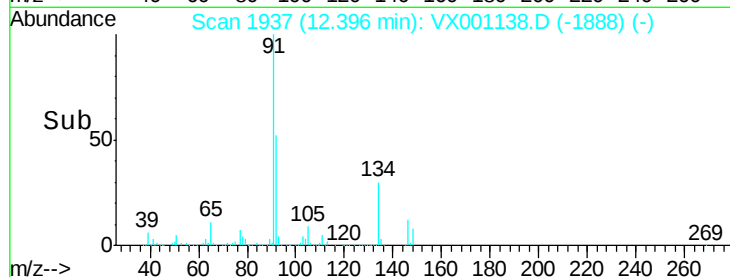
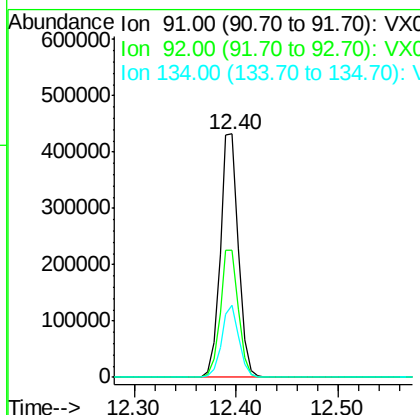
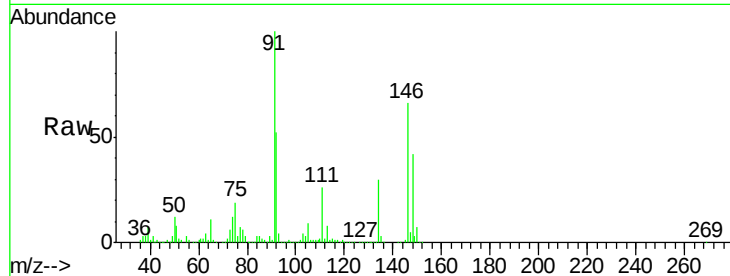




#89
n-Butylbenzene
Concen: 46.25 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

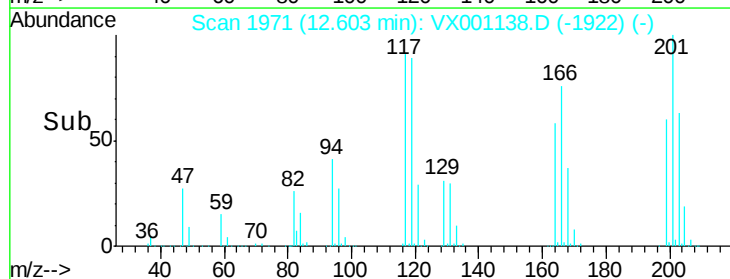
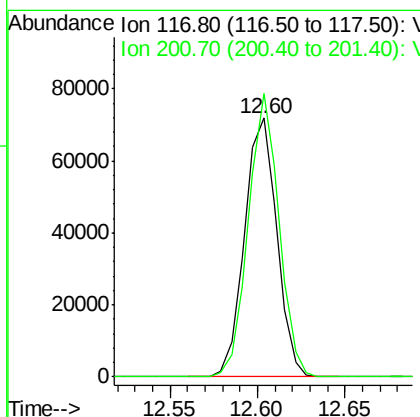
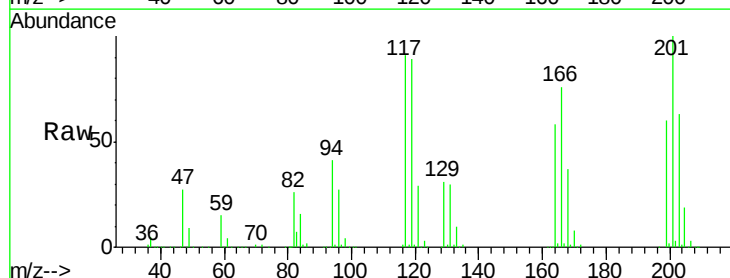
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

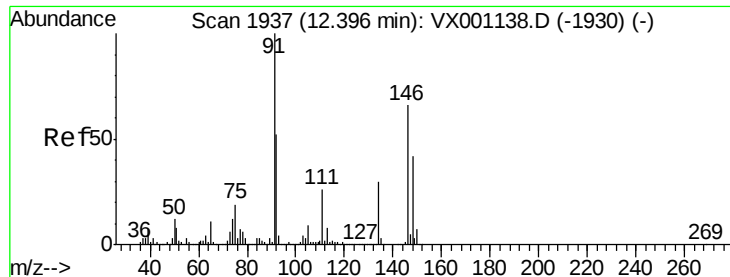
Tgt Ion: 91 Resp: 536262
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.6
134 28.2 14.1 42.3



#90
Hexachloroethane
Concen: 49.84 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001138.D
Acq: 26 Apr 2018 18:20

Tgt Ion: 117 Resp: 92097
Ion Ratio Lower Upper
117 100
201 103.6 51.8 155.4

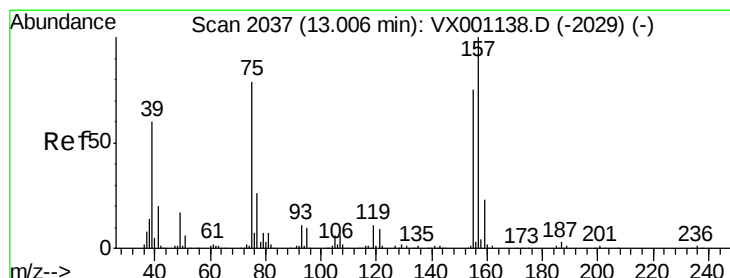
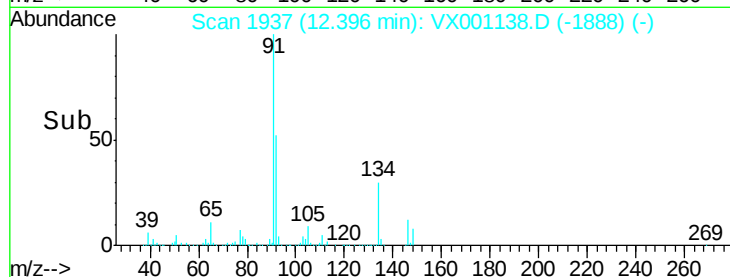
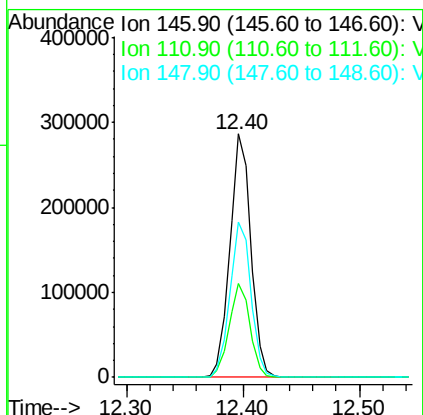
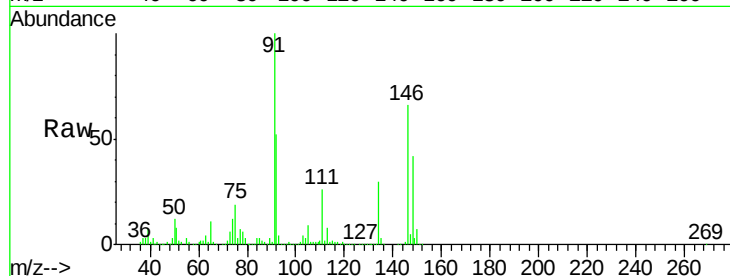




#91
 1,2-Dichlorobenzene
 Concen: 48.78 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001138.D
 Acq: 26 Apr 2018 18:20

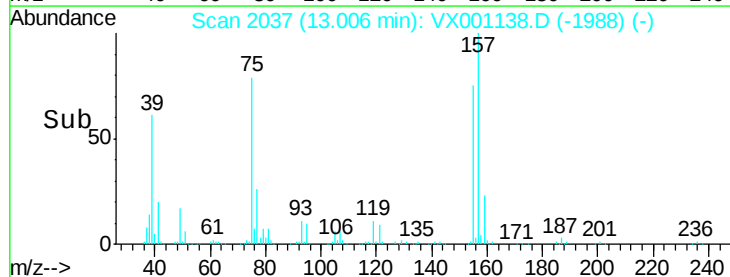
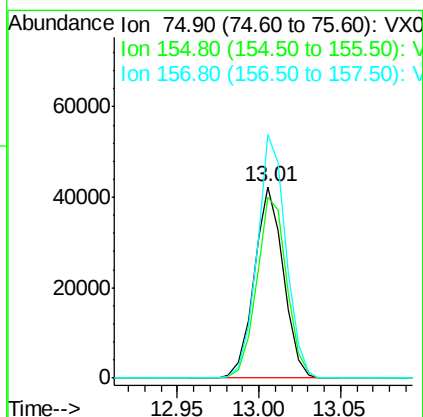
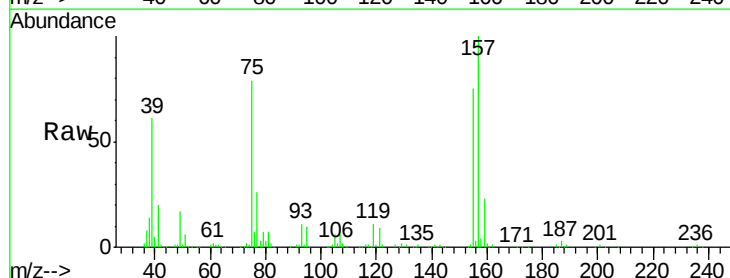
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

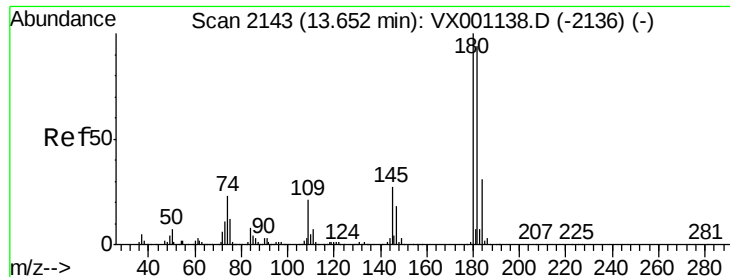
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.3
148	64.4	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.86 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001138.D
 Acq: 26 Apr 2018 18:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.9	48.4	145.3
157	125.4	62.7	188.1

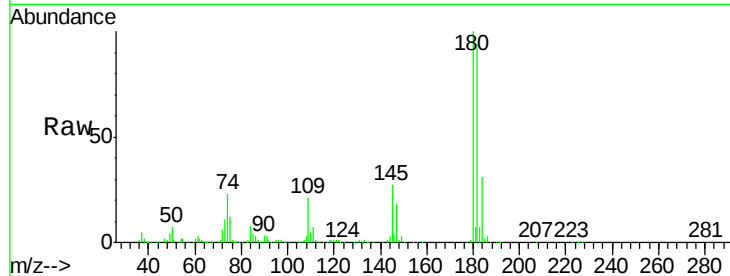




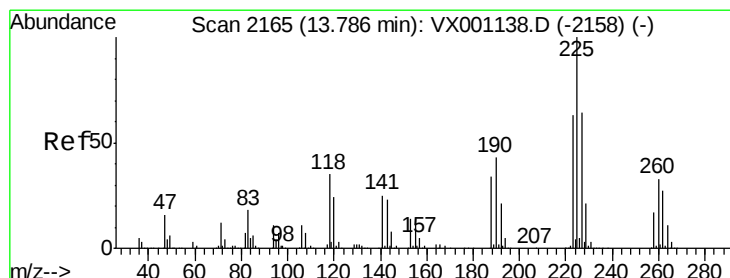
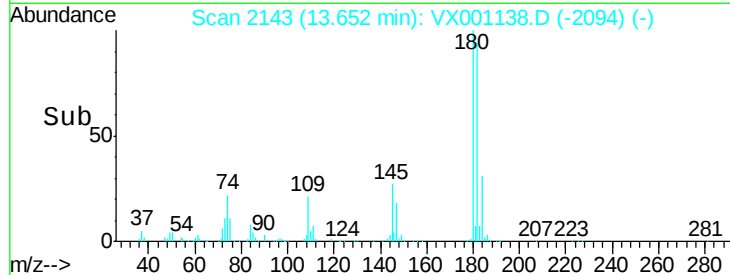
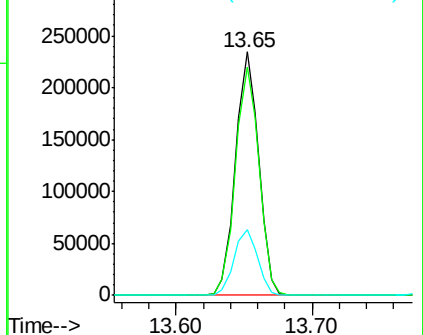
#93
 1,2,4-Trichlorobenzene
 Concen: 45.48 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001138.D
 Acq: 26 Apr 2018 18:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 277152
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.9 143.6
 145 27.6 13.8 41.4

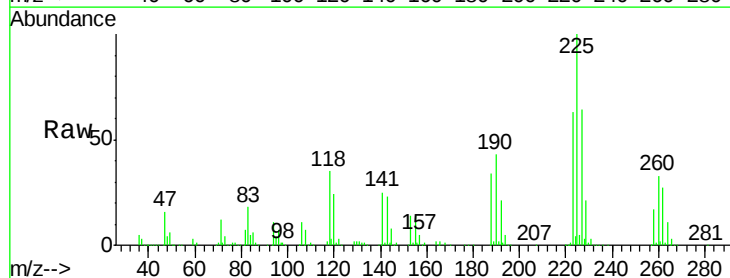


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

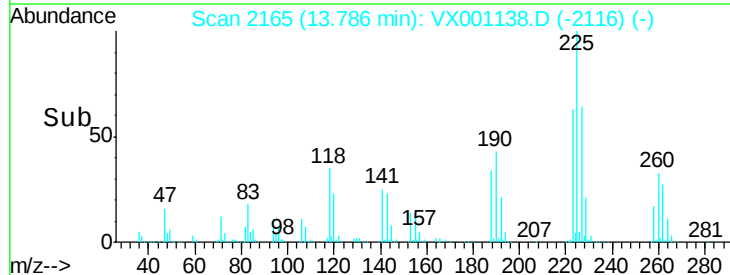
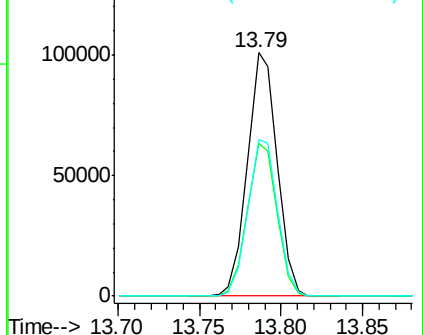


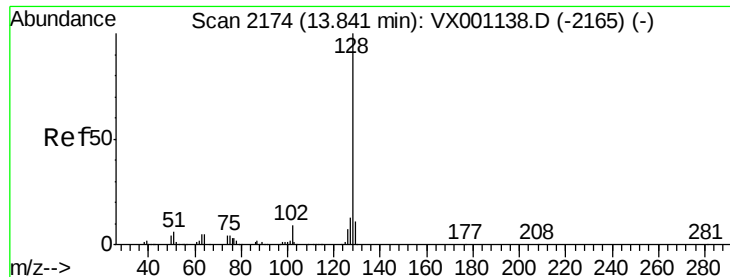
#94
 Hexachlorobutadiene
 Concen: 46.24 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001138.D
 Acq: 26 Apr 2018 18:20

Tgt Ion:225 Resp: 128456
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.3 93.9
 227 64.4 32.2 96.6



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: 52.56 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

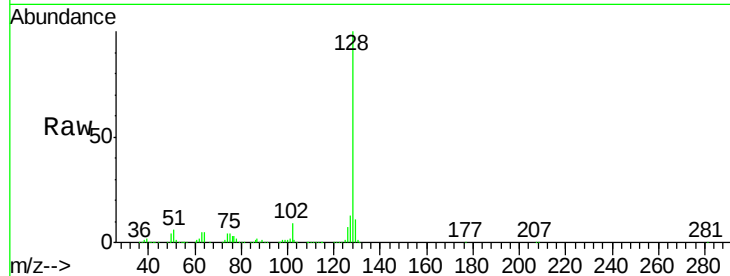
Tgt Ion:128 Resp: 804101

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

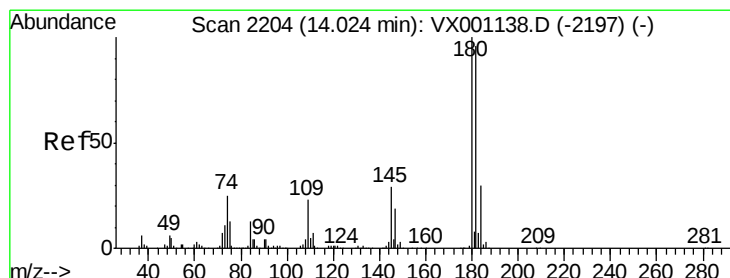
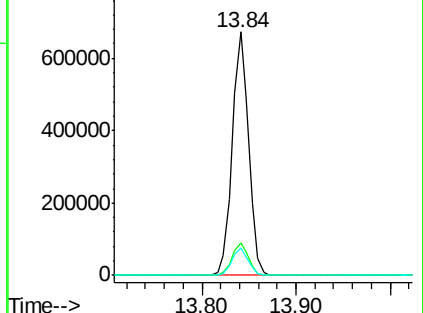
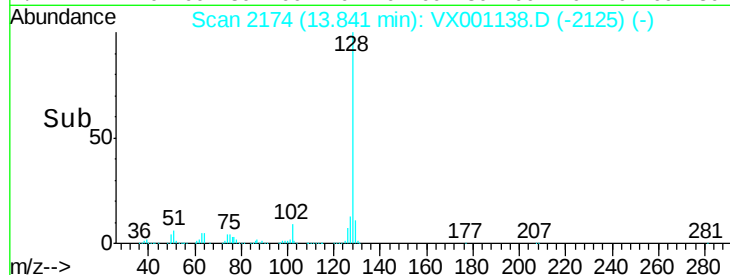
129 11.0 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.15 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001138.D

Acq: 26 Apr 2018 18:20

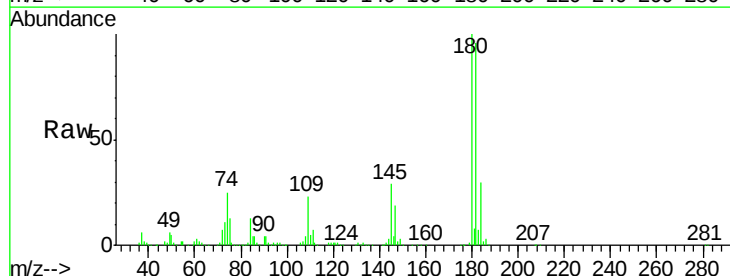
Tgt Ion:180 Resp: 279545

Ion Ratio Lower Upper

180 100

182 96.4 48.2 144.6

145 29.0 14.5 43.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

