

Data File : VX001659.D

Acq On : 12 May 2018 10:39

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 14 05:55:19 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	319683	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218773	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	156921	42.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.10%	
35) Dibromofluoromethane	5.51	113	134475	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	8.72	98	474106	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	
62) 4-Bromofluorobenzene	11.14	95	182270	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	163905	46.89	ug/l	100
3) Chloromethane	1.32	50	147540	43.34	ug/l	99
4) Vinyl Chloride	1.40	62	162846	45.84	ug/l	98
5) Bromomethane	1.64	94	66600	40.29	ug/l	100
6) Chloroethane	1.72	64	104911	44.67	ug/l	100
7) Trichlorofluoromethane	1.93	101	255940	47.87	ug/l	100
8) Diethyl Ether	2.19	74	98605	47.05	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	154699	49.35	ug/l	99
10) Methyl Iodide	2.51	142	161959	35.81	ug/l	100
11) Tert butyl alcohol	3.07	59	161588	205.37	ug/l	100
12) 1,1-Dichloroethene	2.37	96	134914	46.96	ug/l	99
13) Acrolein	2.29	56	22919	142.75	ug/l	95
14) Allyl chloride	2.73	41	256064	47.80	ug/l	100
15) Acrylonitrile	3.15	53	392741	220.89	ug/l	100
16) Acetone	2.45	43	441994	260.83	ug/l	99
17) Carbon Disulfide	2.57	76	317360	43.40	ug/l	99
18) Methyl Acetate	2.78	43	220782	49.59	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	483387	48.32	ug/l	99
20) Methylene Chloride	2.86	84	150757	44.93	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	144769	45.15	ug/l	98
22) Diisopropyl ether	3.87	45	495872	49.54	ug/l	98
23) Vinyl Acetate	3.82	43	2061437	247.14	ug/l	100
24) 1,1-Dichloroethane	3.70	63	272970	48.82	ug/l	100
25) 2-Butanone	4.71	43	589413	240.62	ug/l	99
26) 2,2-Dichloropropane	4.59	77	239403	55.45	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	171484	50.22	ug/l	96
28) Bromochloromethane	5.02	49	124977	51.56	ug/l	99
29) Tetrahydrofuran	5.17	42	347347	221.63	ug/l	100
30) Chloroform	5.22	83	292204	50.74	ug/l	97
31) Cyclohexane	5.58	56	237415	49.44	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	262497	52.15	ug/l	100
36) 1,1-Dichloropropene	5.80	75	212826	52.34	ug/l	99
37) Ethyl Acetate	4.86	43	214259	48.07	ug/l	100
38) Carbon Tetrachloride	5.79	117	236910	54.63	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 14 05:55:19 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	258158	53.70	ug/l	99
40) Benzene	6.15	78	620966	52.28	ug/l	99
41) Methacrylonitrile	5.07	41	125036	49.03	ug/l	100
42) 1,2-Dichloroethane	6.20	62	236008	51.70	ug/l	100
43) Isopropyl Acetate	6.47	43	349628	51.09	ug/l	100
44) Trichloroethene	7.21	130	193009	53.16	ug/l	99
45) 1,2-Dichloropropane	7.52	63	159287	53.79	ug/l	99
46) Dibromomethane	7.67	93	108461	51.74	ug/l	99
47) Bromodichloromethane	7.90	83	217519	56.07	ug/l	99
48) Methyl methacrylate	7.78	41	189366	50.82	ug/l	98
49) 1,4-Dioxane	7.76	88	70067	870.38	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1142496	251.25	ug/l	100
52) Toluene	8.79	92	416378	53.61	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	253877	57.90	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	233607	51.47	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	167692	53.60	ug/l	98
56) Ethyl methacrylate	9.18	69	242634	53.80	ug/l	100
57) 1,3-Dichloropropane	9.38	76	266761	51.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	618089	279.40	ug/l	100
59) 2-Hexanone	9.50	43	865362	248.52	ug/l	99
60) Dibromochloromethane	9.59	129	179222	55.93	ug/l	100
61) 1,2-Dibromoethane	9.68	107	168916	51.42	ug/l	99
64) Tetrachloroethene	9.34	164	232424	55.75	ug/l	99
65) Chlorobenzene	10.14	112	463164	52.80	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	175409	55.90	ug/l	100
67) Ethyl Benzene	10.26	91	772464	53.73	ug/l	100
68) m/p-Xylenes	10.37	106	619696	109.08	ug/l	99
69) o-Xylene	10.70	106	296816	53.76	ug/l	99
70) Styrene	10.72	104	494683	55.15	ug/l	99
71) Bromoform	10.86	173	143991	47.88	ug/l	100
73) Isopropylbenzene	11.02	105	818344	54.03	ug/l	99
74) N-amyl acetate	6.47	43	349628	50.83	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	224330	50.15	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	272244	61.36	ug/l	86
77) Bromobenzene	11.26	156	225491	51.21	ug/l	99
78) n-propylbenzene	11.37	91	925279	56.10	ug/l	99
79) 2-Chlorotoluene	11.43	91	539553	53.16	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	683738	54.22	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	65559	47.36	ug/l	98
82) 4-Chlorotoluene	11.52	91	626718	53.53	ug/l	99
83) tert-Butylbenzene	11.77	119	678152	54.05	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	705437	54.43	ug/l	99
85) sec-Butylbenzene	11.95	105	846717	56.22	ug/l	99
86) p-Isopropyltoluene	12.07	119	783883	56.74	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	417135	53.00	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	423188	52.71	ug/l	100
89) n-Butylbenzene	12.40	91	652735	57.02	ug/l	100
90) Hexachloroethane	12.60	117	120676	58.01	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	424074	52.96	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51295	52.19	ug/l	99

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051218\
Quantitation Report (Not Reviewed)

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Instrument :
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VSTDCCC050

Quant Time: May 14 05:55:19 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

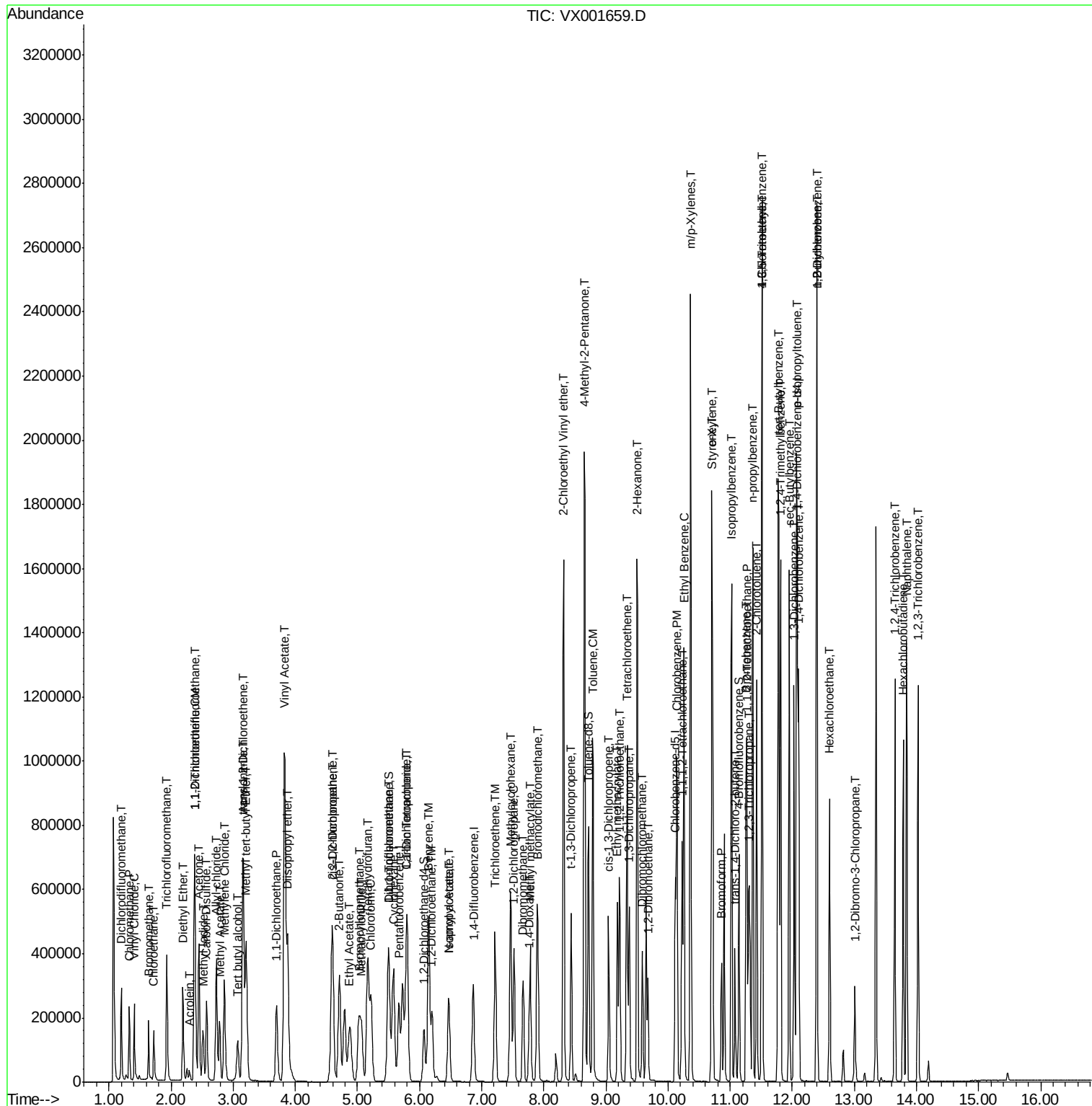
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	331951	56.65	ug/l	100
94) Hexachlorobutadiene	13.79	225	180148	56.19	ug/l	99
95) Naphthalene	13.84	128	874370	53.95	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	330782	55.01	ug/l	100

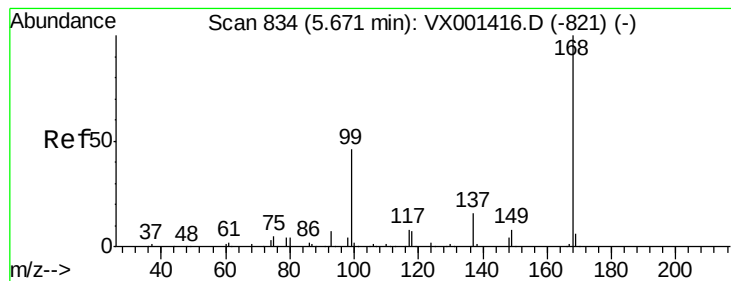
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 2 Sample Multiplier: 1

VSTDCCC050

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

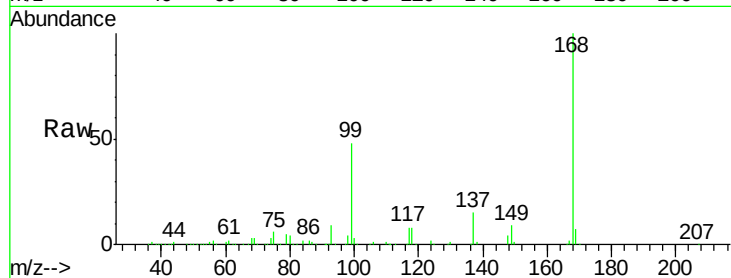
VSTDCCC050

Tgt Ion:168 Resp: 259644

Ion Ratio Lower Upper

168 100

99 47.3 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

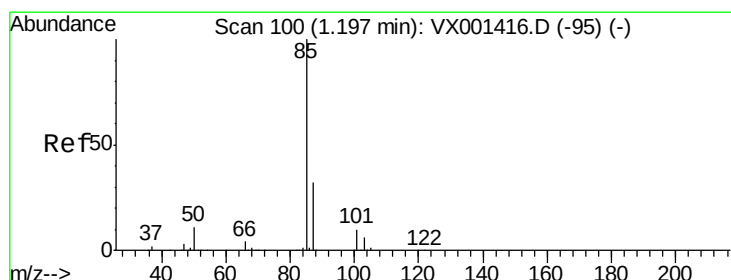
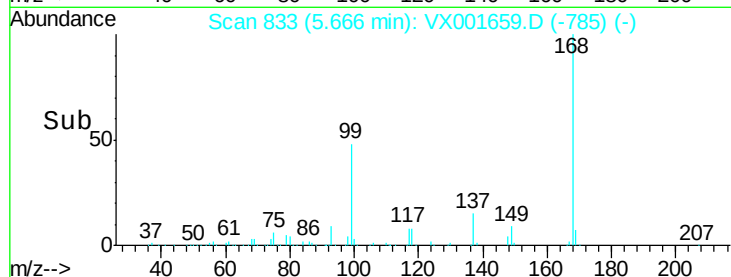
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.89 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001659.D

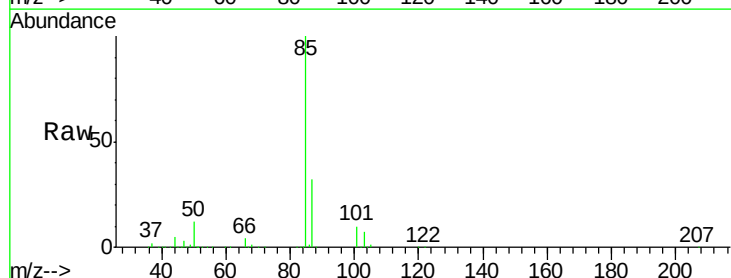
Acq: 12 May 2018 10:39

Tgt Ion: 85 Resp: 163905

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

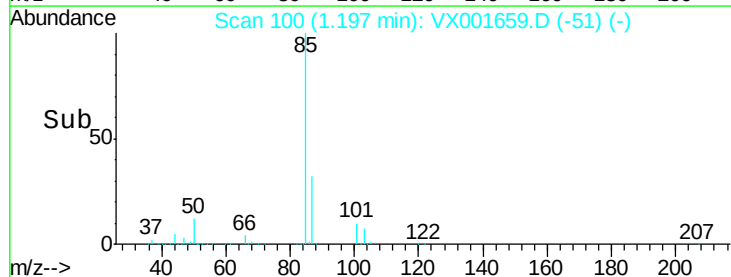
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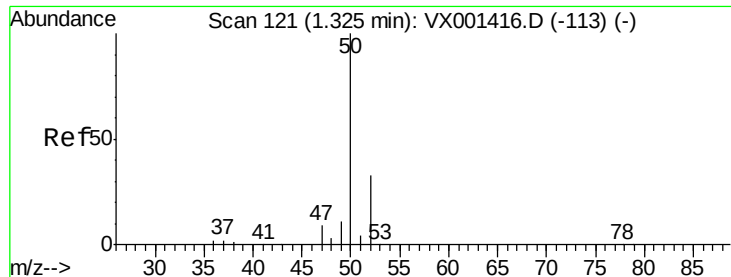
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.34 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

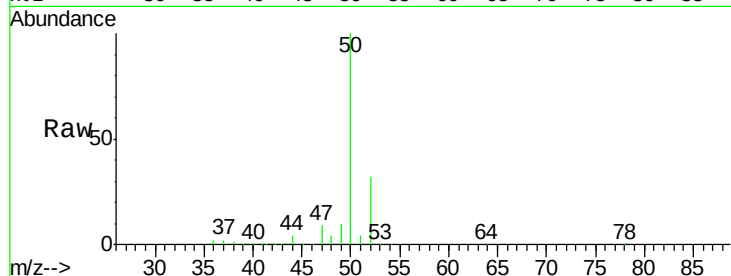
VSTDCCC050

Tgt Ion: 50 Resp: 147540

Ion Ratio Lower Upper

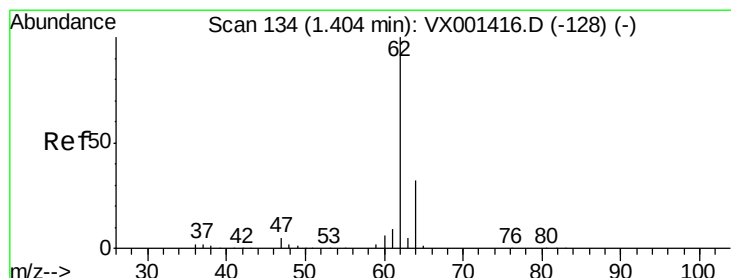
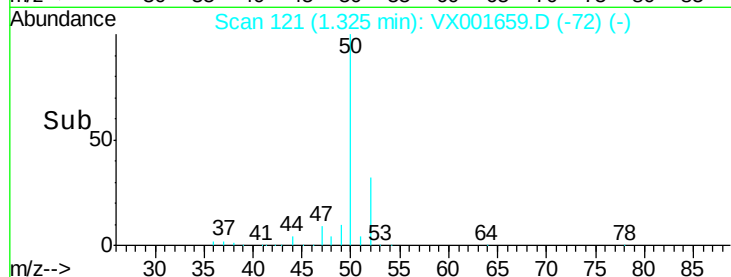
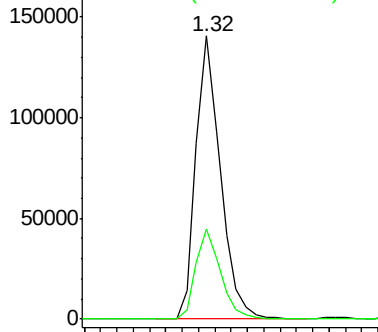
50 100

52 32.0 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.84 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001659.D

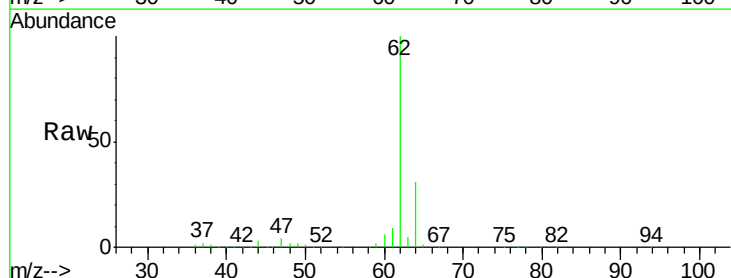
Acq: 12 May 2018 10:39

Tgt Ion: 62 Resp: 162846

Ion Ratio Lower Upper

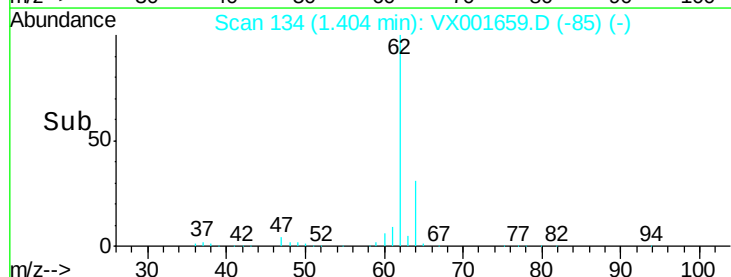
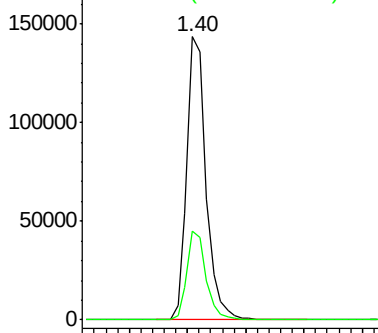
62 100

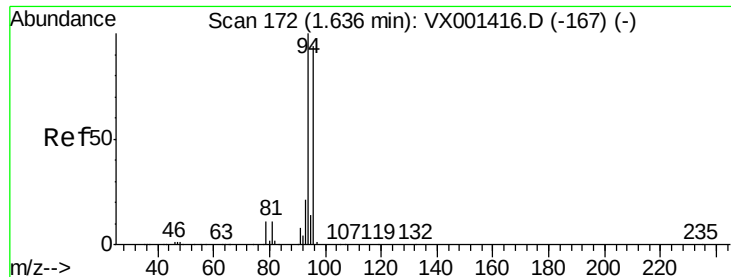
64 31.3 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.29 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

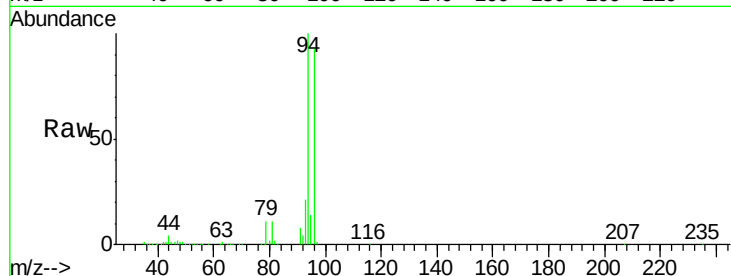
VSTDCCC050

Tgt Ion: 94 Resp: 66600

Ion Ratio Lower Upper

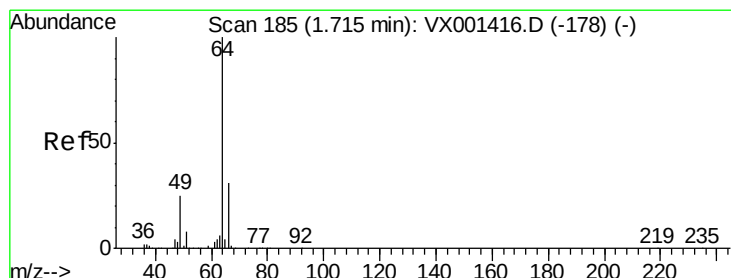
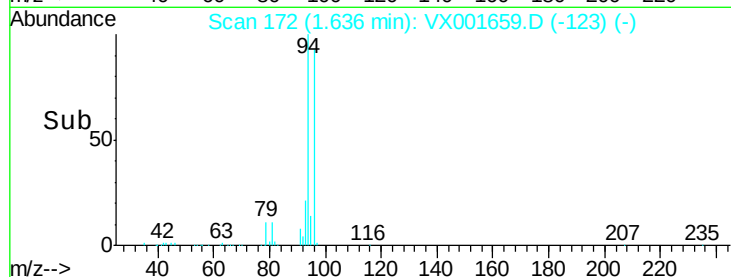
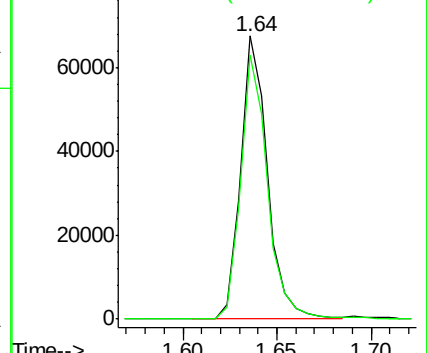
94 100

96 93.4 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 44.67 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001659.D

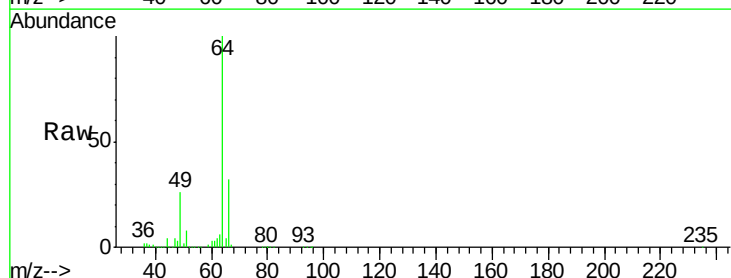
Acq: 12 May 2018 10:39

Tgt Ion: 64 Resp: 104911

Ion Ratio Lower Upper

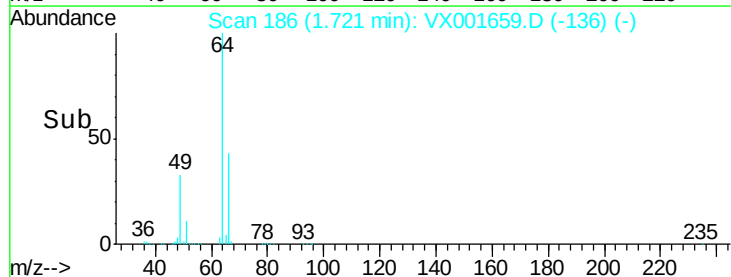
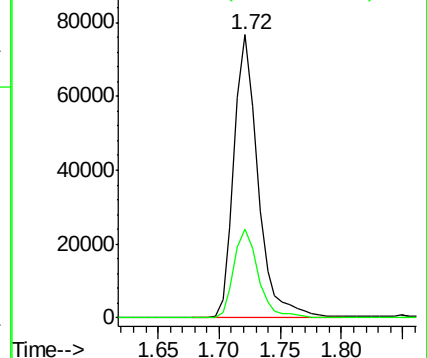
64 100

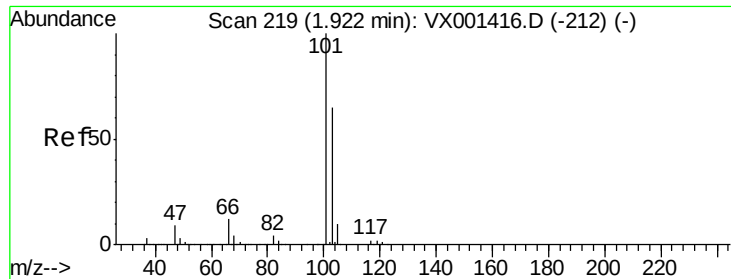
66 31.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 47.87 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX001659.D

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ClientSampleId :

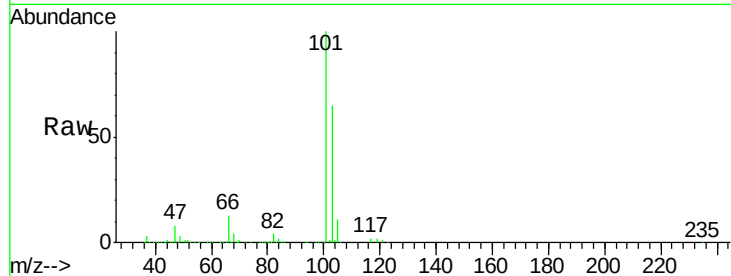
VSTDCCC050

Tgt Ion: 101 Resp: 255940

Ion Ratio Lower Upper

101 100

103 65.3 52.0 78.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

1.93

200000

150000

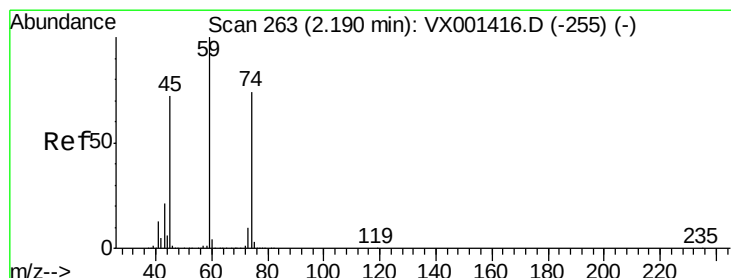
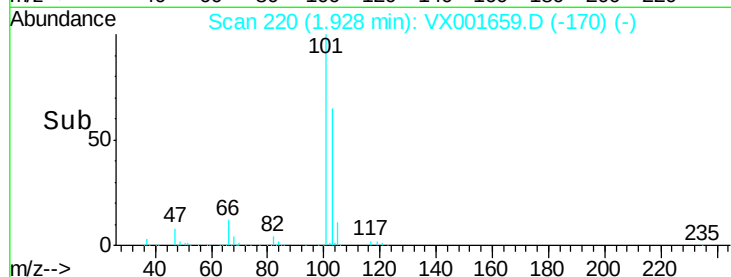
100000

50000

0

1.90 2.00 2.10

Time-->



#8

Diethyl Ether

Concen: 47.05 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001659.D

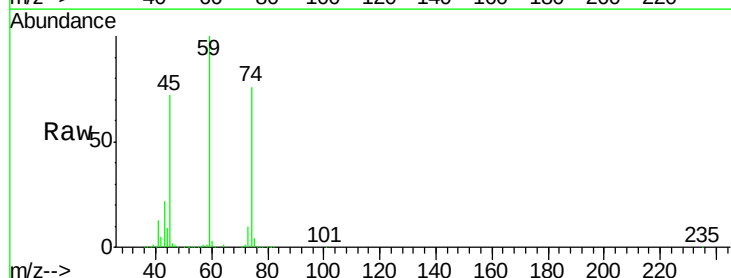
Acq: 12 May 2018 10:39

Tgt Ion: 74 Resp: 98605

Ion Ratio Lower Upper

74 100

45 97.2 47.9 143.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

80000

60000

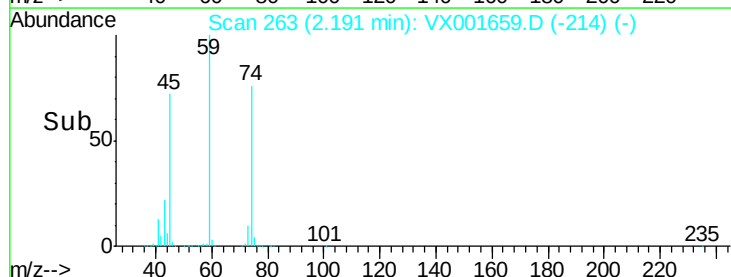
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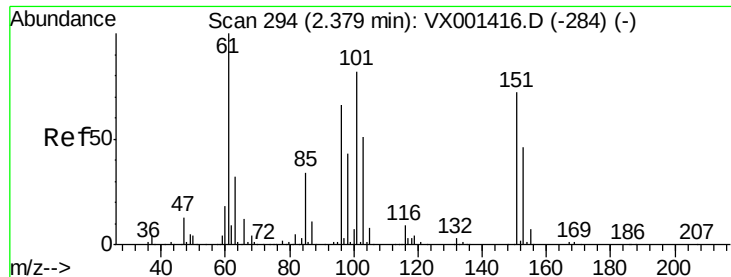
20000

0

2.10 2.20 2.30

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.35 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

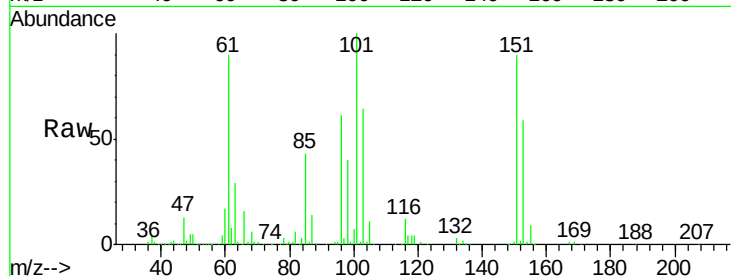
Tgt Ion:101 Resp: 154699

Ion Ratio Lower Upper

101 100

85 43.0 33.7 50.5

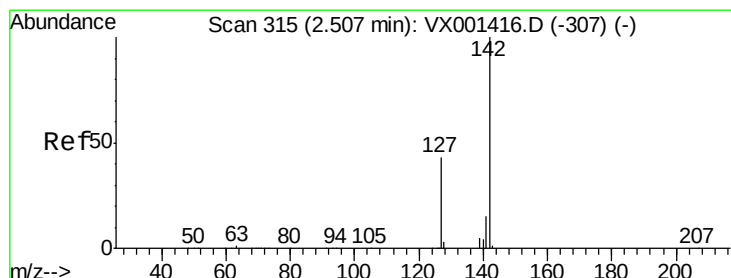
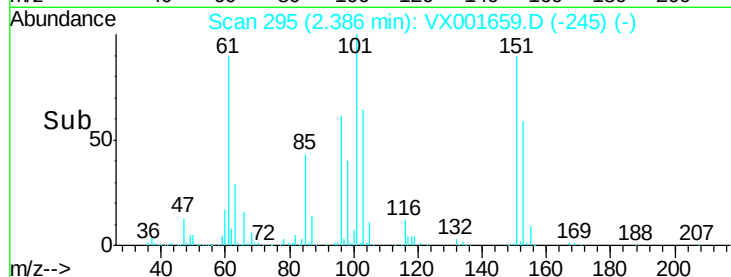
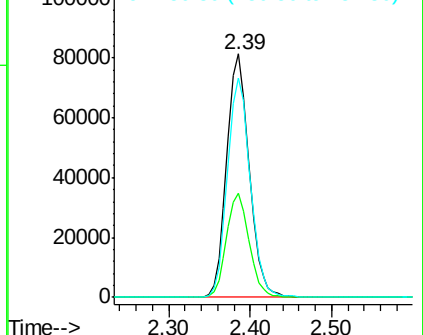
151 91.2 72.3 108.5



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: 35.81 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

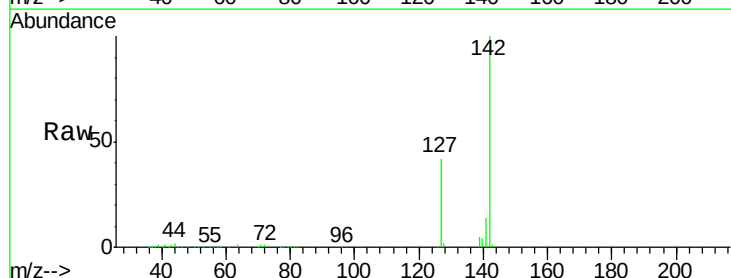
Tgt Ion:142 Resp: 161959

Ion Ratio Lower Upper

142 100

127 42.3 33.6 50.4

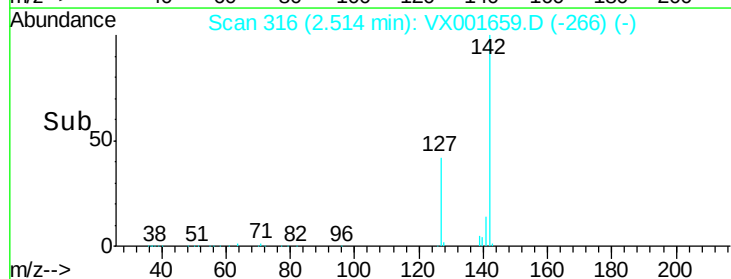
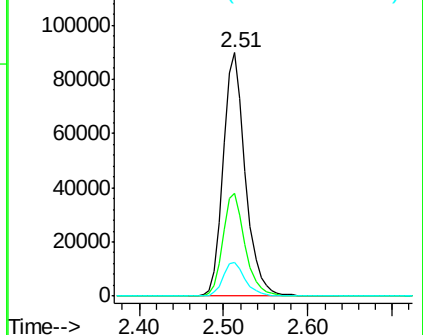
141 14.2 11.4 17.2

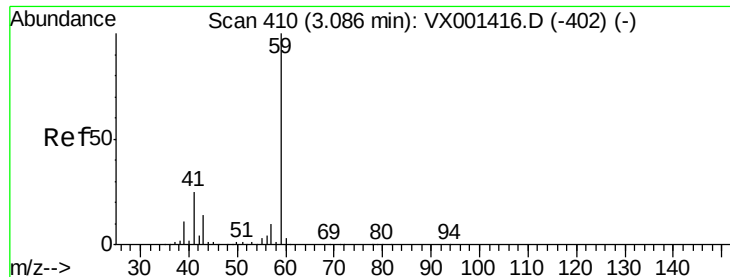


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



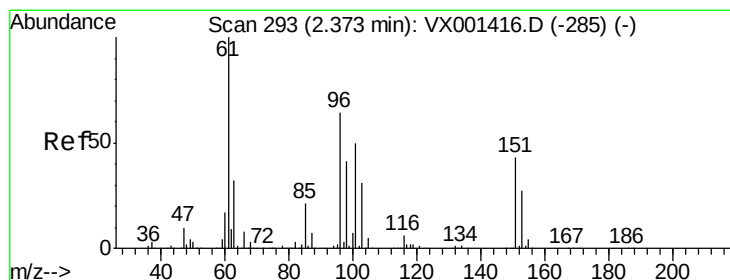
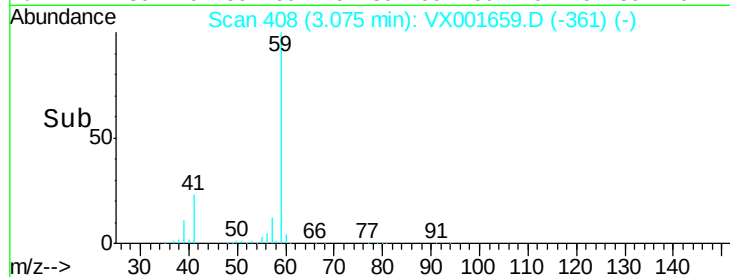
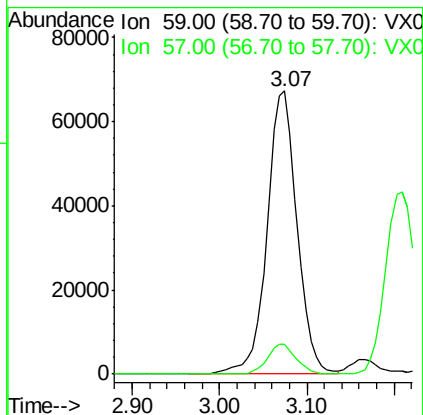
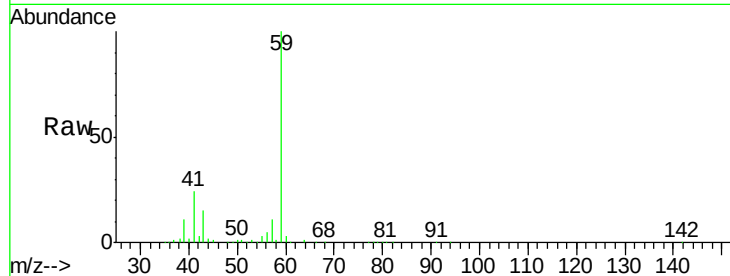


#11

Tert butyl alcohol
 Concen: 205.37 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX001659.D
 Acq: 12 May 2018 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

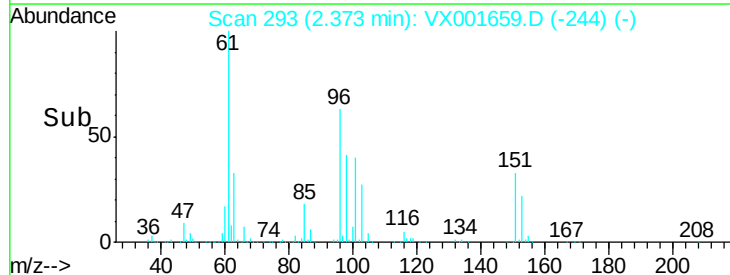
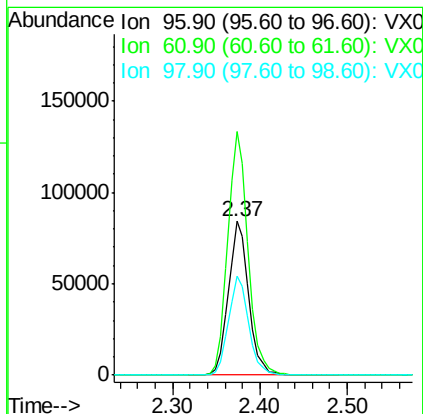
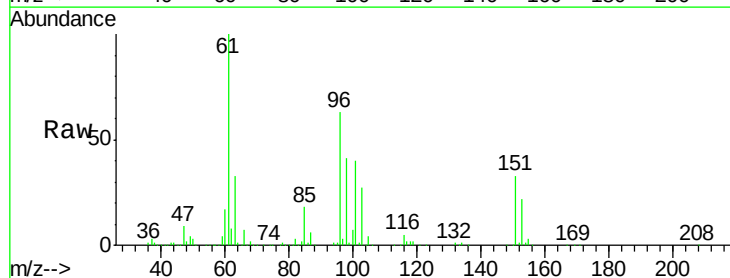
Tgt Ion: 59 Resp: 161588
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

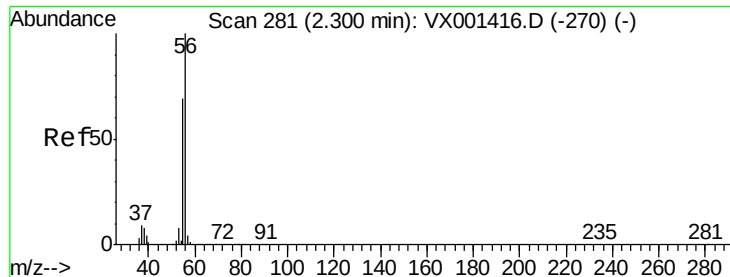


#12

1,1-Dichloroethene
 Concen: 46.96 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001659.D
 Acq: 12 May 2018 10:39

Tgt Ion: 96 Resp: 134914
 Ion Ratio Lower Upper
 96 100
 61 158.6 125.7 188.5
 98 64.3 52.0 78.0





#13

Acrolein

Concen: 142.75 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

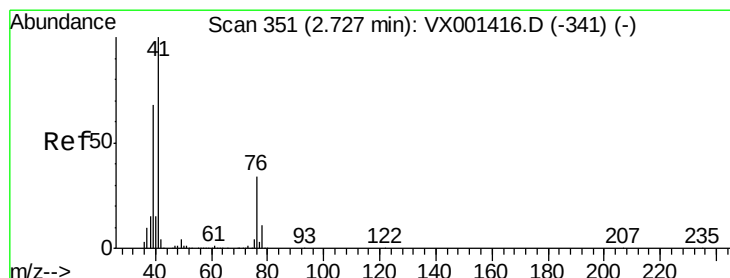
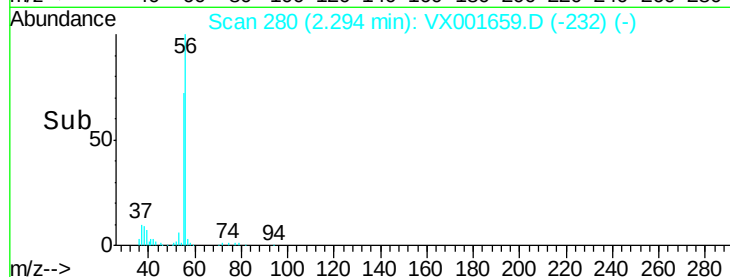
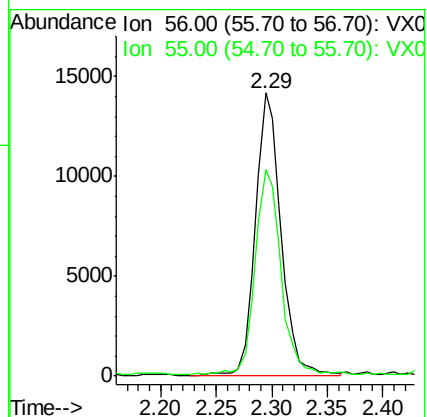
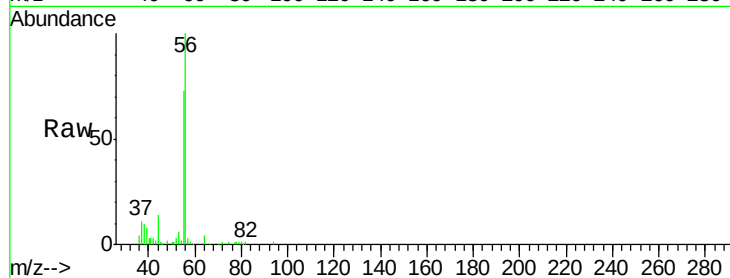
VSTDCCC050

Tgt Ion: 56 Resp: 22919

Ion Ratio Lower Upper

56 100

55 72.0 54.5 81.7



#14

Allyl chloride

Concen: 47.80 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

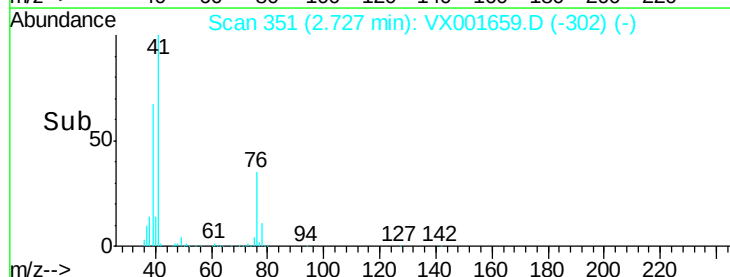
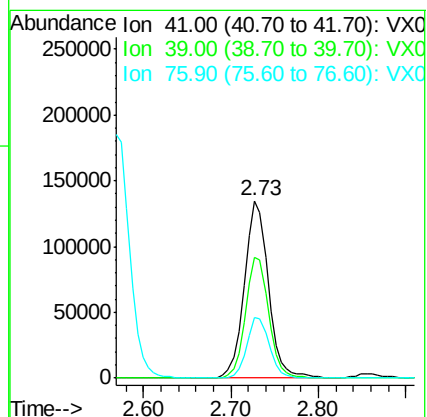
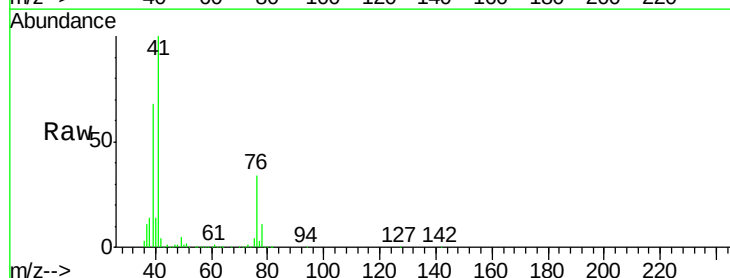
Tgt Ion: 41 Resp: 256064

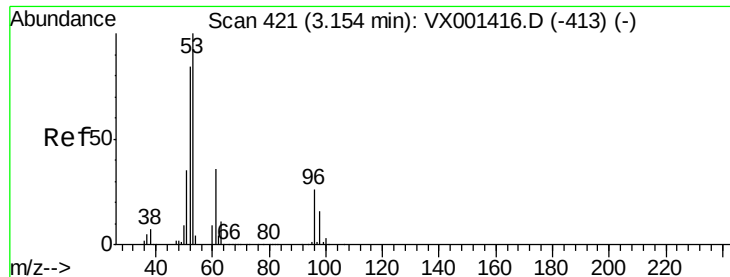
Ion Ratio Lower Upper

41 100

39 65.5 52.4 78.6

76 32.3 25.8 38.6





#15

Acrylonitrile

Concen: 220.89 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

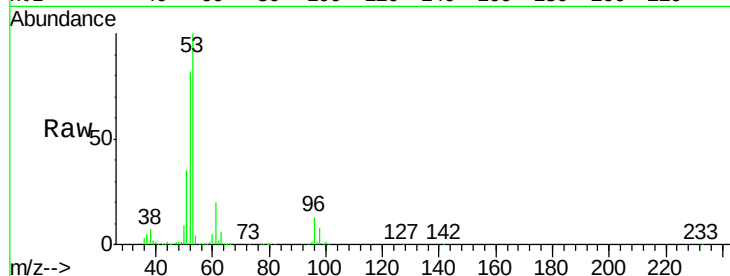
Tgt Ion: 53 Resp: 392741

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.2

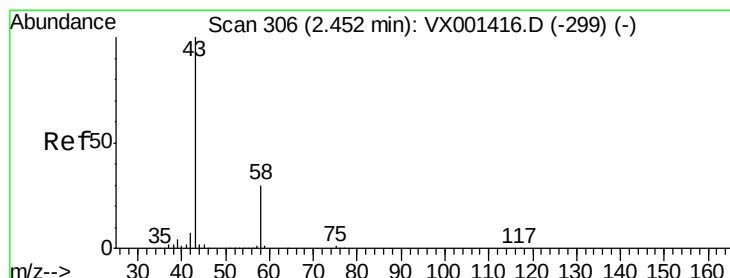
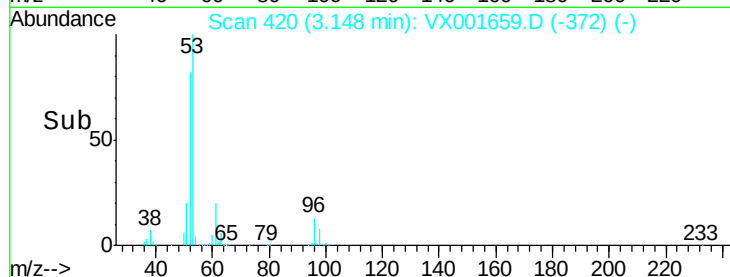
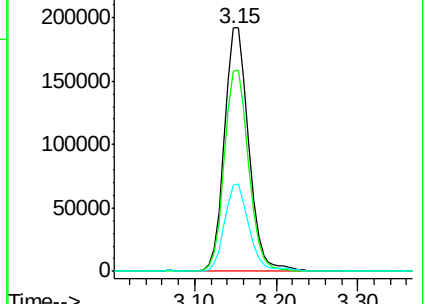
51 36.4 28.6 43.0



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: 260.83 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001659.D

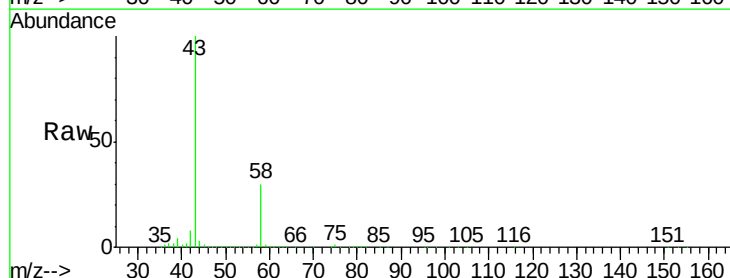
Acq: 12 May 2018 10:39

Tgt Ion: 43 Resp: 441994

Ion Ratio Lower Upper

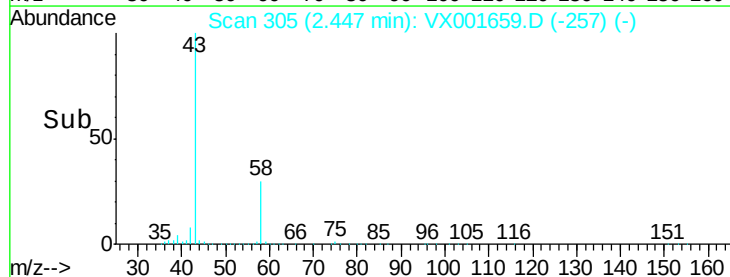
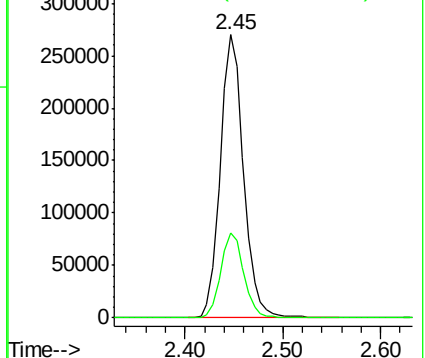
43 100

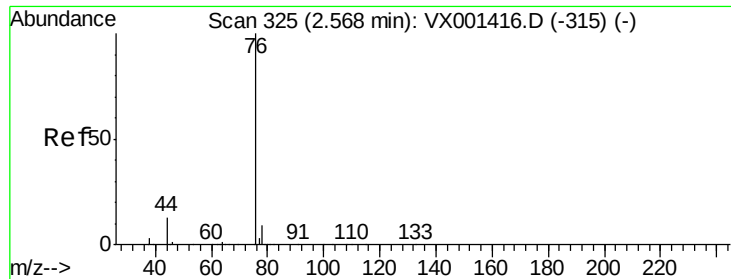
58 30.1 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

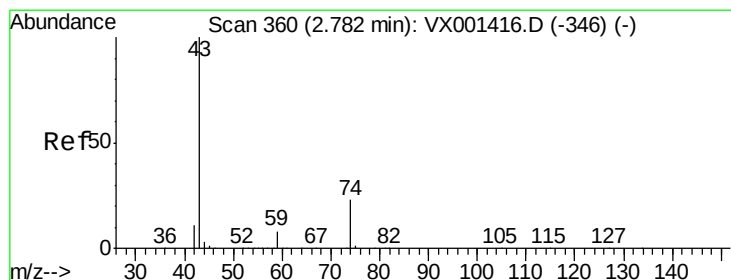
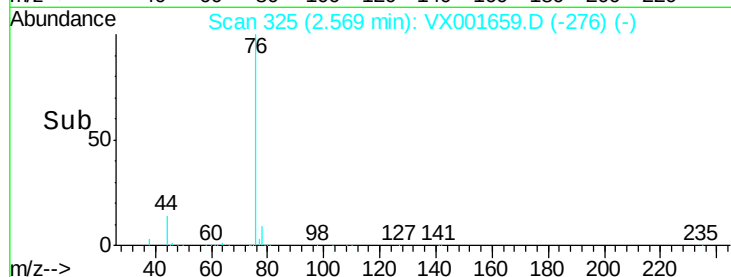
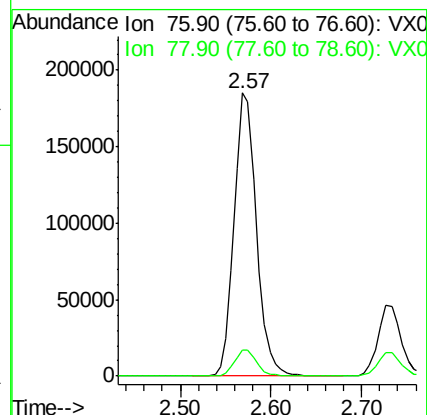
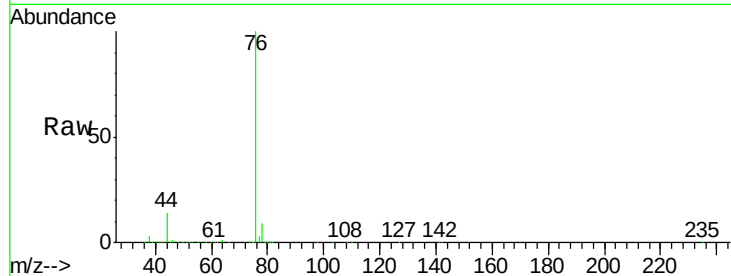




#17
Carbon Disulfide
Concen: 43.40 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

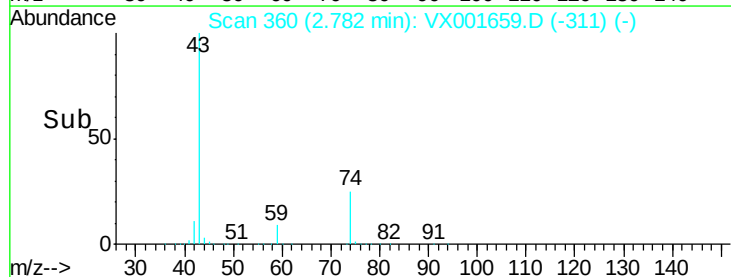
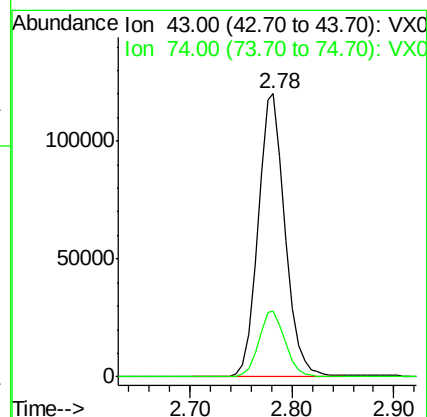
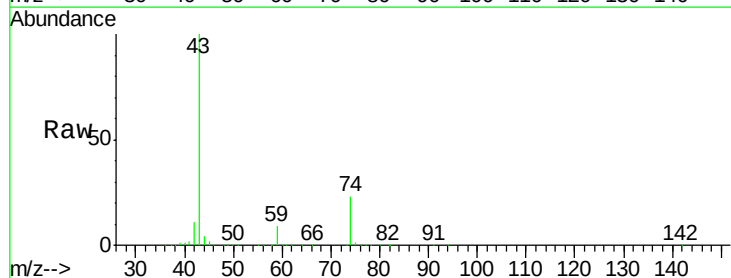
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

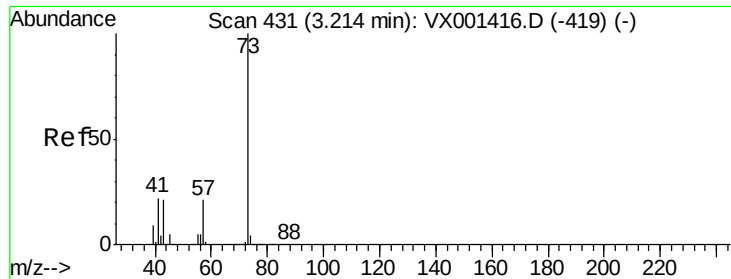
Tgt Ion: 76 Resp: 317360
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 49.59 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

Tgt Ion: 43 Resp: 220782
Ion Ratio Lower Upper
43 100
74 23.4 18.6 27.8

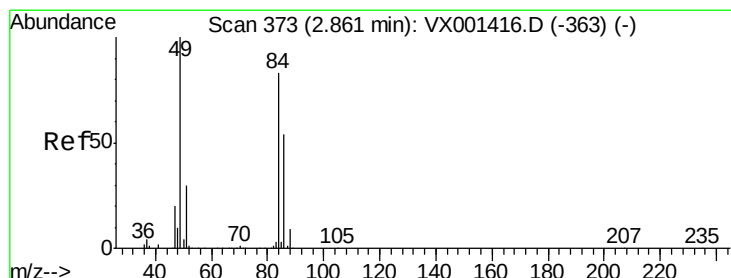
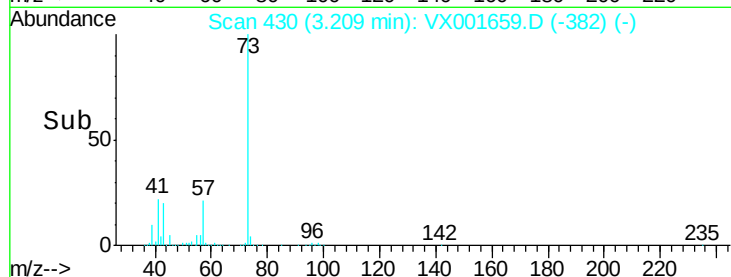
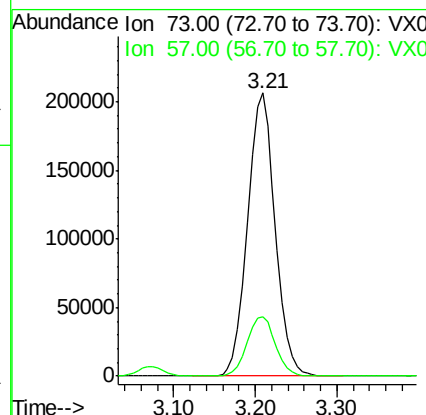
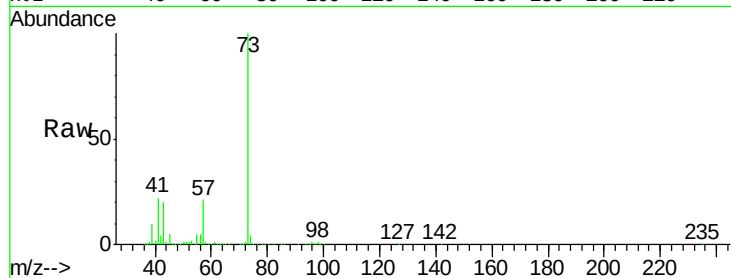




#19
Methyl tert-butyl Ether
Concen: 48.32 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

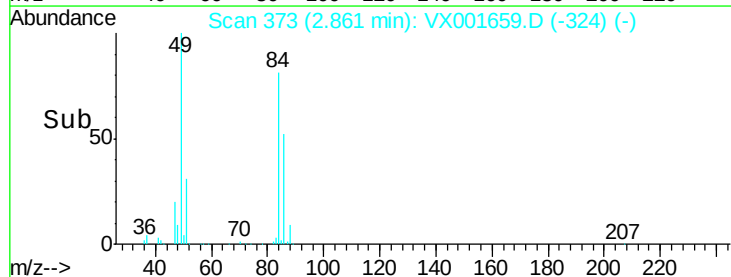
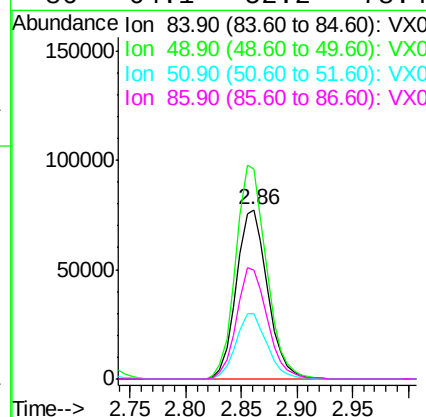
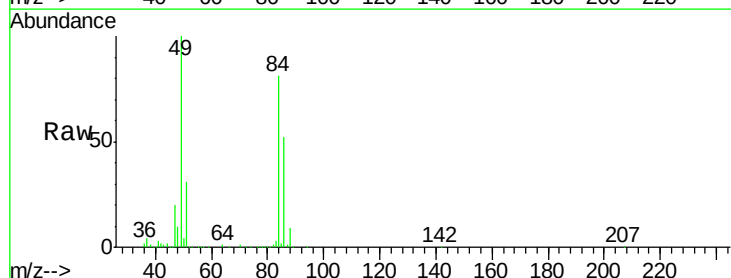
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

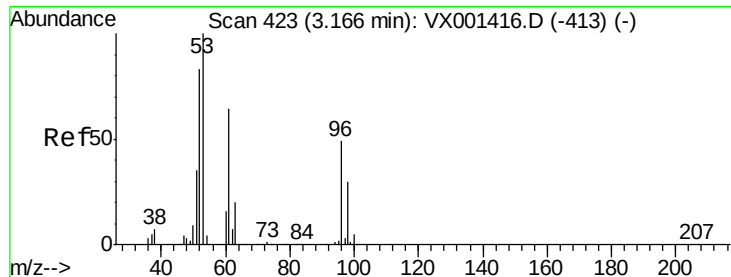
Tgt Ion: 73 Resp: 483387
Ion Ratio Lower Upper
73 100
57 20.9 17.0 25.6



#20
Methylene Chloride
Concen: 44.93 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

Tgt Ion: 84 Resp: 150757
Ion Ratio Lower Upper
84 100
49 123.7 96.6 144.8
51 38.2 29.0 43.4
86 64.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 45.15 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

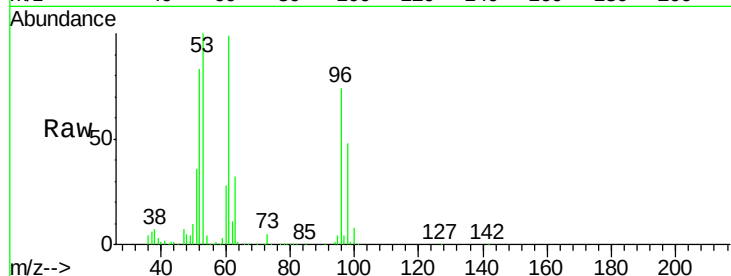
Tgt Ion: 96 Resp: 144769

Ion Ratio Lower Upper

96 100

61 133.0 105.0 157.4

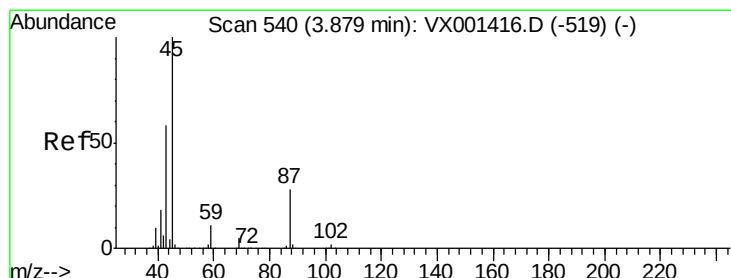
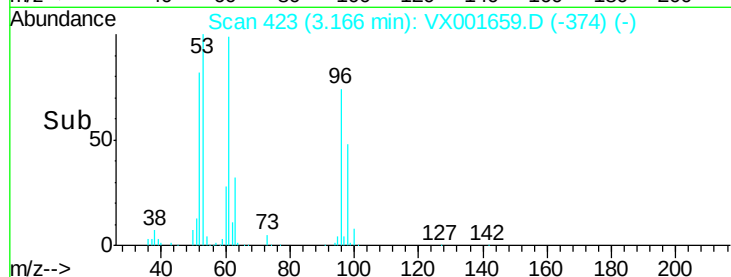
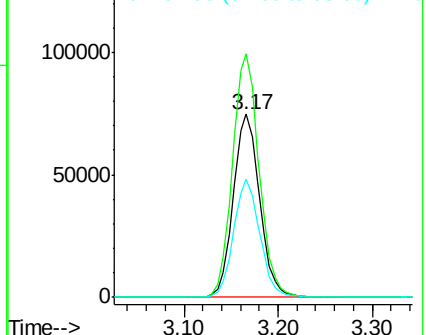
98 64.6 49.9 74.9



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: 49.54 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Tgt Ion: 45 Resp: 495872

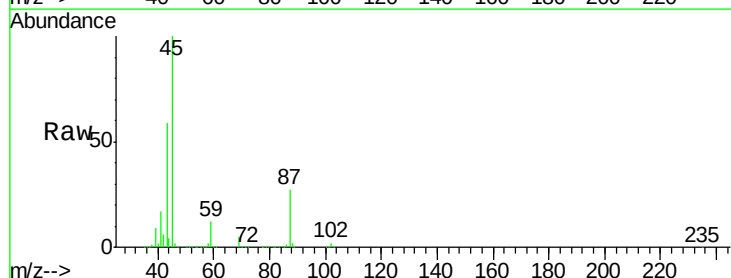
Ion Ratio Lower Upper

45 100

43 59.2 46.5 69.7

87 27.3 22.6 34.0

59 11.7 9.1 13.7

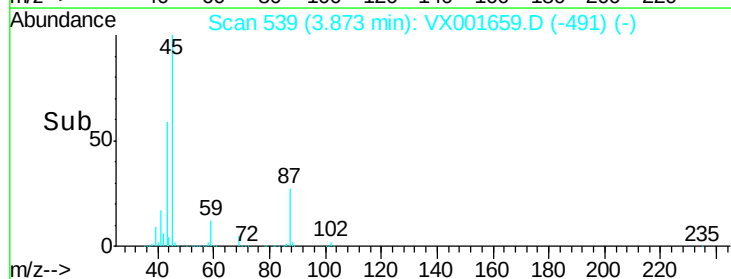
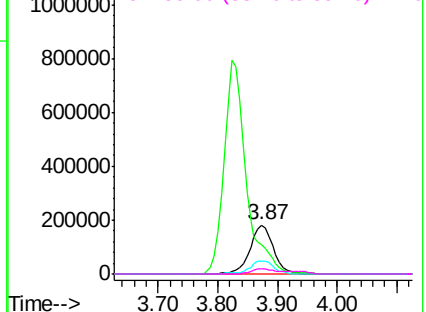


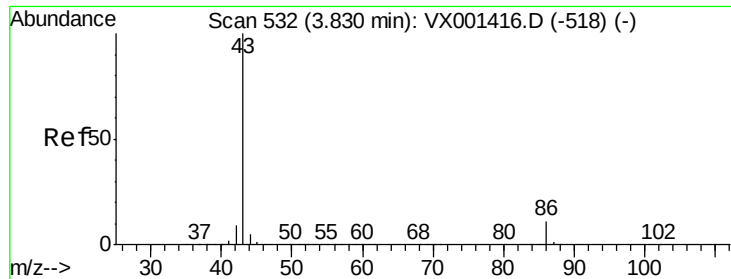
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

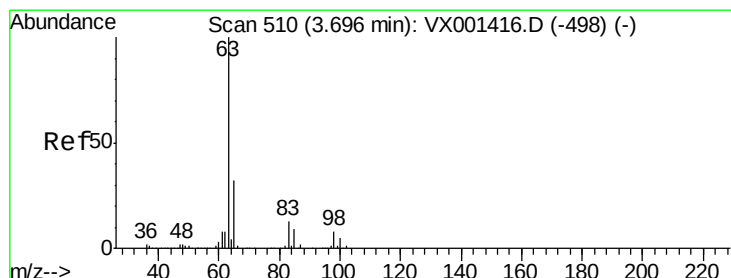
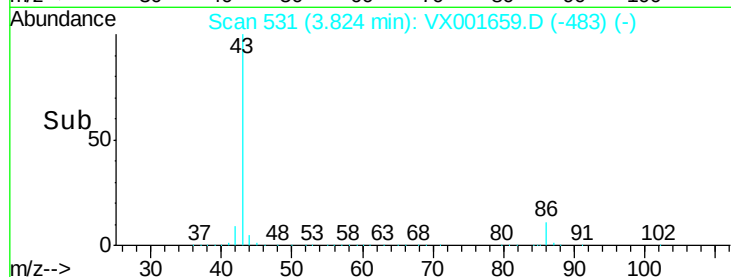
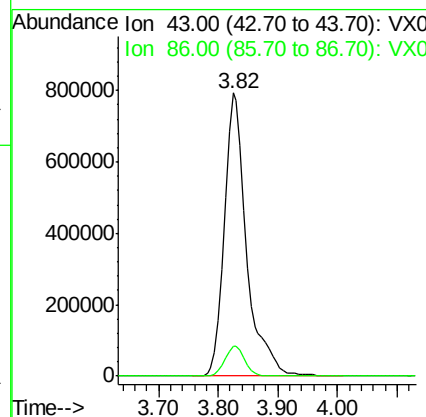
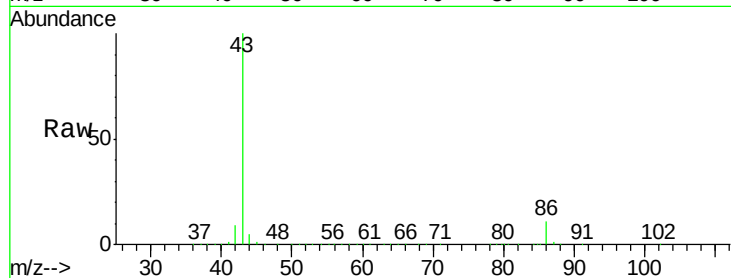




#23
 Vinyl Acetate
 Concen: 247.14 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VX001659.D
 Acq: 12 May 2018 10:39

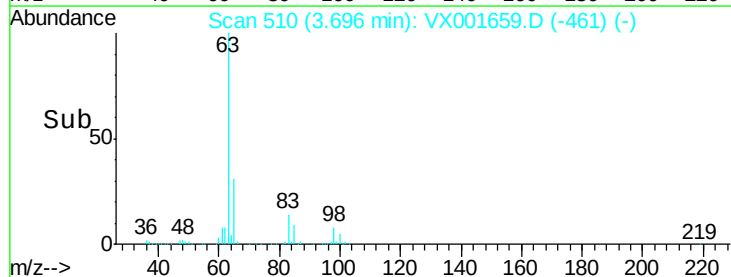
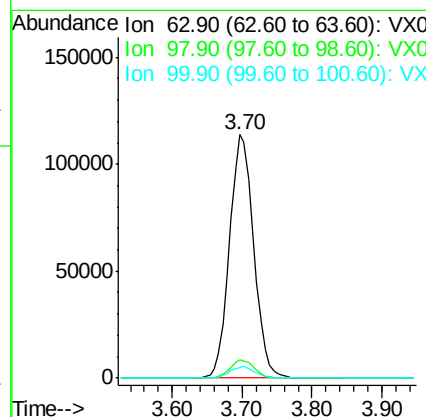
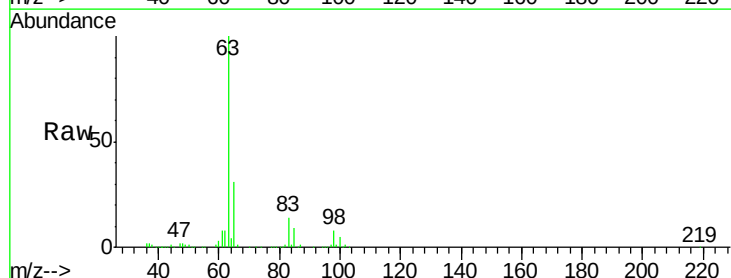
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

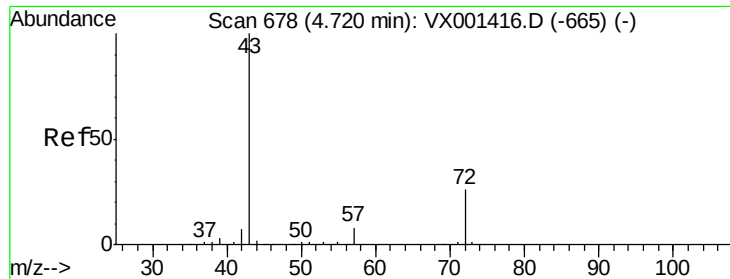
Tgt Ion: 43 Resp: 2061437
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 48.82 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX001659.D
 Acq: 12 May 2018 10:39

Tgt Ion: 63 Resp: 272970
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.4
 100 4.6 2.4 7.1





#25

2-Butanone

Concen: 240.62 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

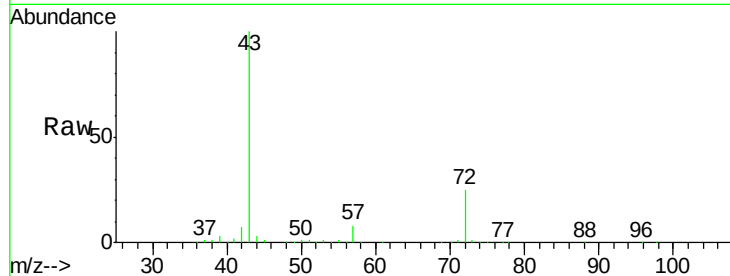
VSTDCCC050

Tgt Ion: 43 Resp: 589413

Ion Ratio Lower Upper

43 100

72 25.3 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

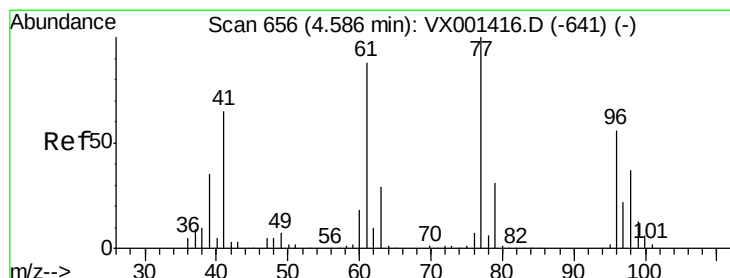
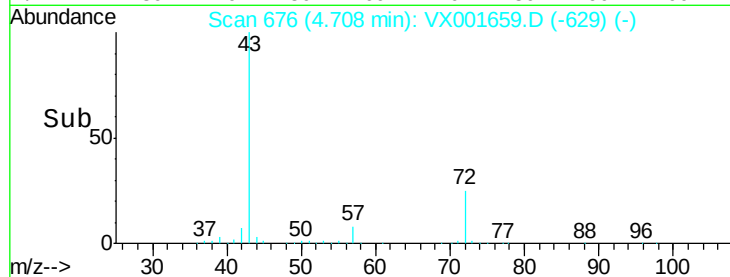
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 55.45 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001659.D

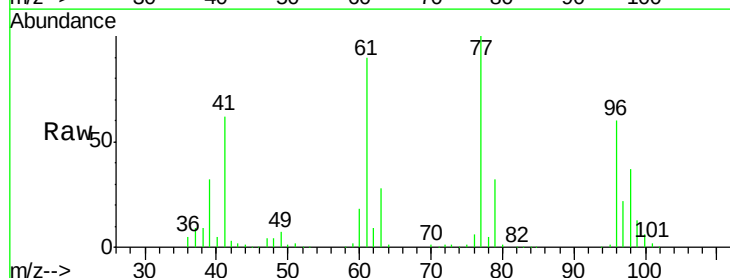
Acq: 12 May 2018 10:39

Tgt Ion: 77 Resp: 239403

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

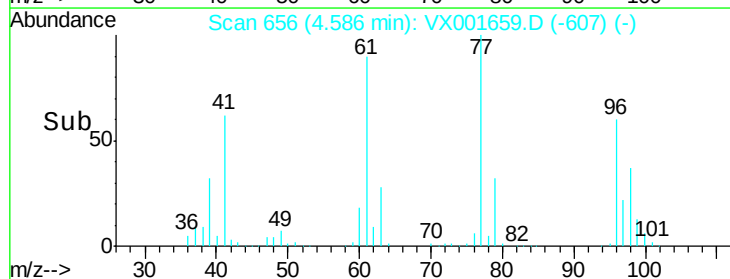
40000

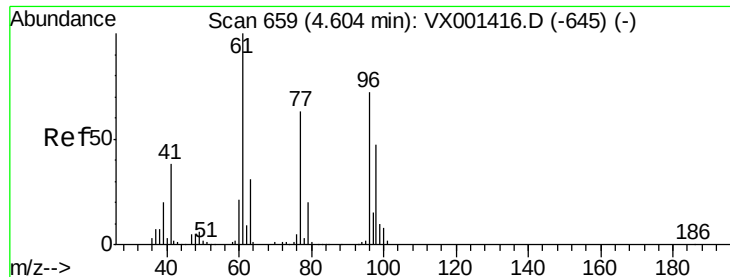
20000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#27

cis-1,2-Dichloroethene

Concen: 50.22 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

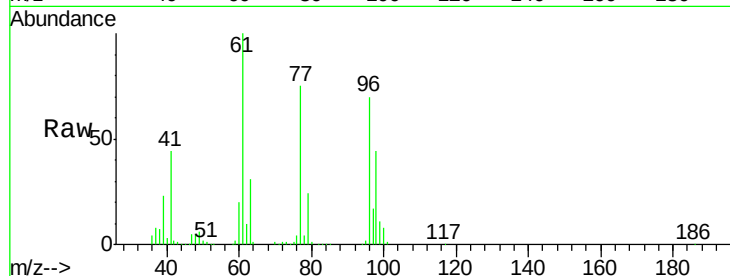
Tgt Ion: 96 Resp: 171484

Ion Ratio Lower Upper

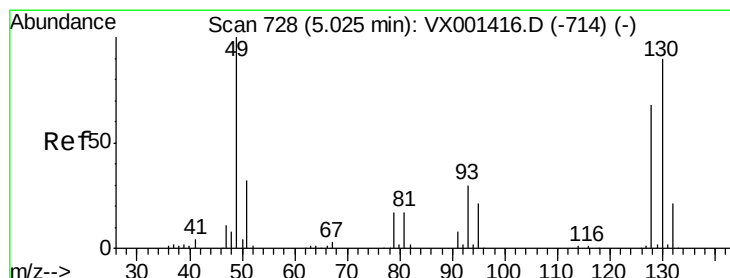
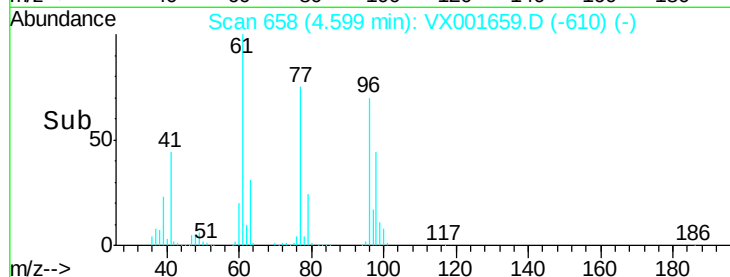
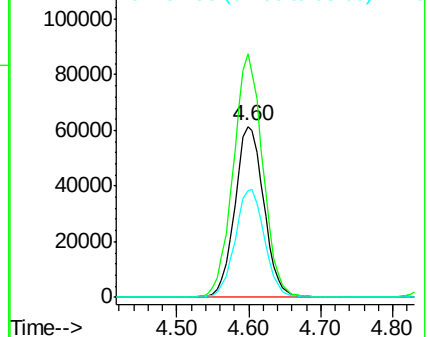
96 100

61 145.0 0.0 301.6

98 64.0 0.0 131.6



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



#28

Bromochloromethane

Concen: 51.56 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

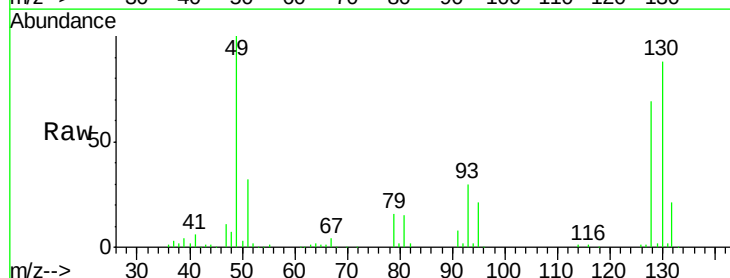
Tgt Ion: 49 Resp: 124977

Ion Ratio Lower Upper

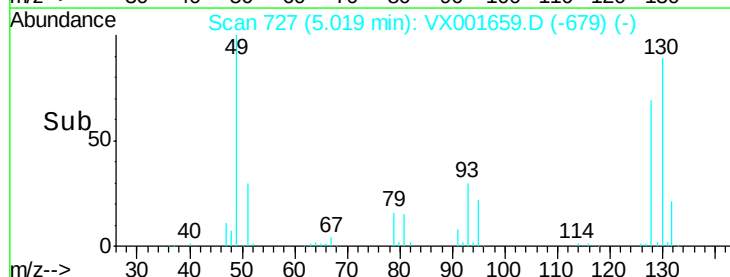
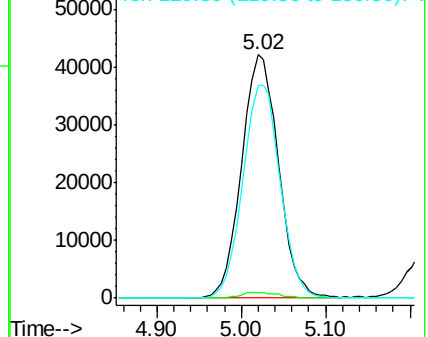
49 100

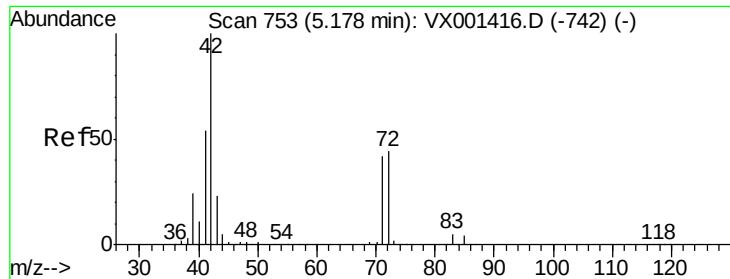
129 2.4 0.0 4.8

130 88.8 71.9 107.9



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

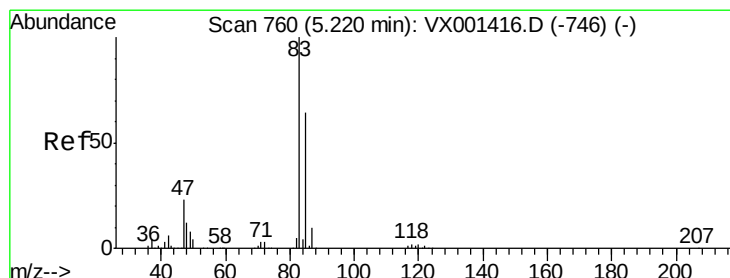
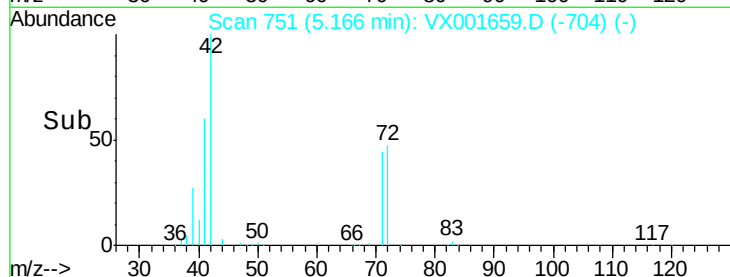
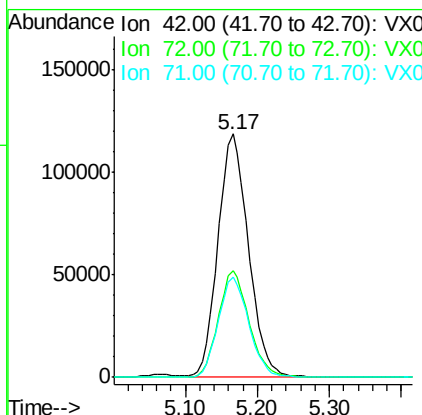
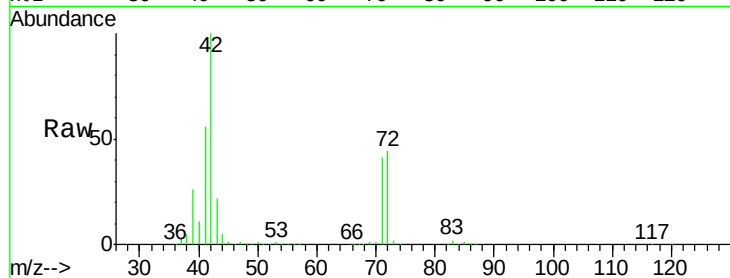




#29
Tetrahydrofuran
Concen: 221.63 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

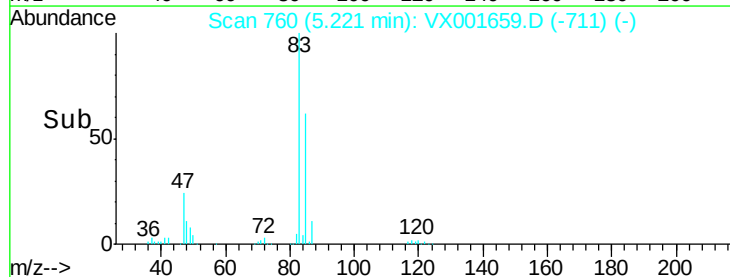
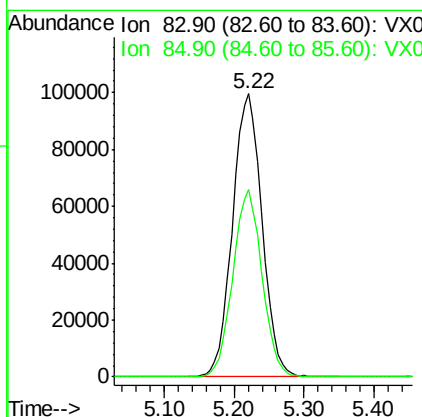
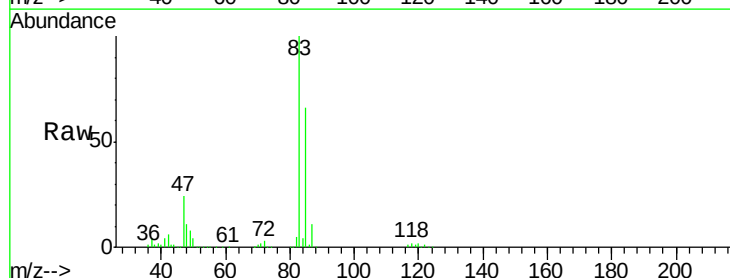
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

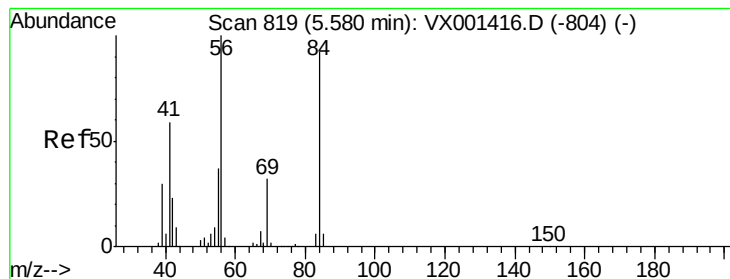
Tgt Ion: 42 Resp: 347347
Ion Ratio Lower Upper
42 100
72 44.4 35.4 53.2
71 41.3 33.0 49.4



#30
Chloroform
Concen: 50.74 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

Tgt Ion: 83 Resp: 292204
Ion Ratio Lower Upper
83 100
85 65.9 51.0 76.4





#31

Cyclohexane

Concen: 49.44 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

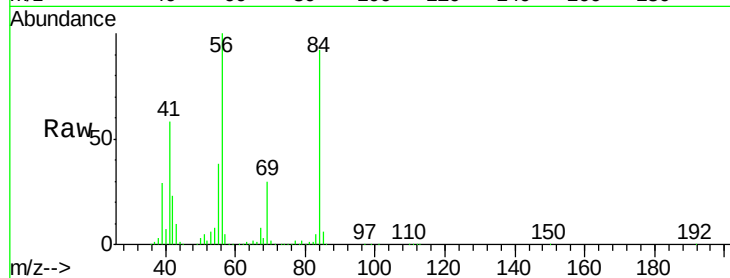
Tgt Ion: 56 Resp: 237415

Ion Ratio Lower Upper

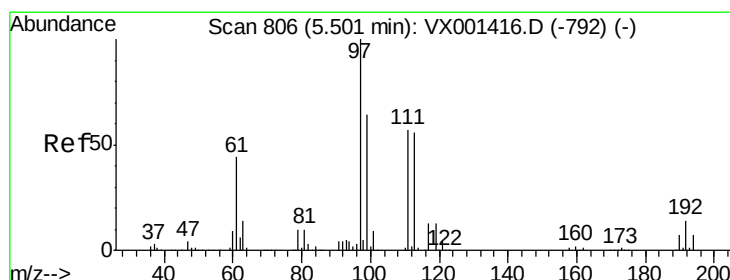
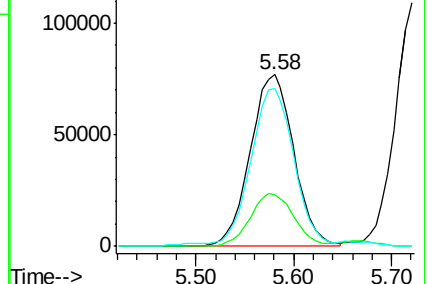
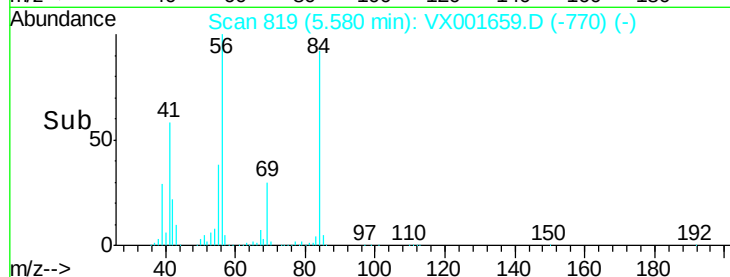
56 100

69 30.0 25.4 38.0

84 90.7 73.8 110.8



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: 52.15 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

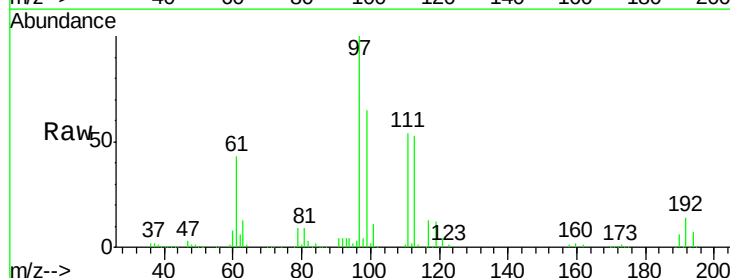
Tgt Ion: 97 Resp: 262497

Ion Ratio Lower Upper

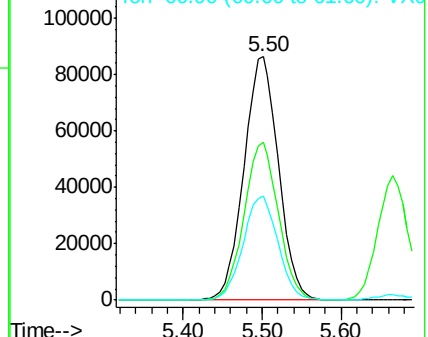
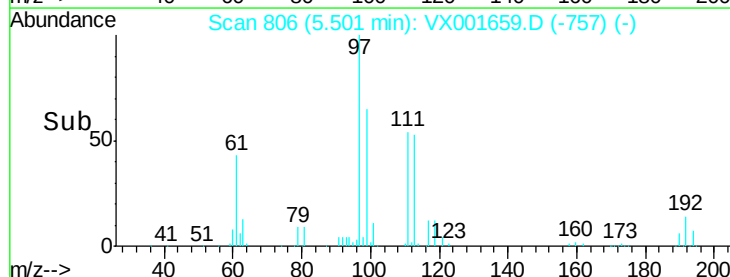
97 100

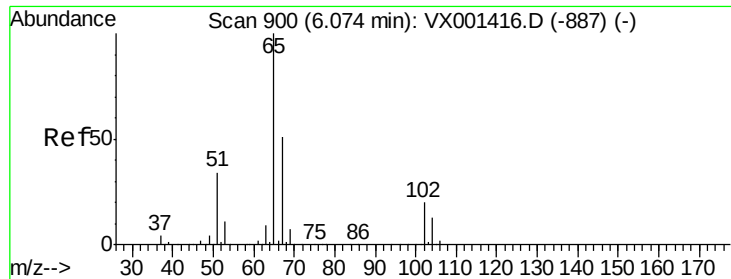
99 64.3 51.3 76.9

61 43.2 34.8 52.2



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

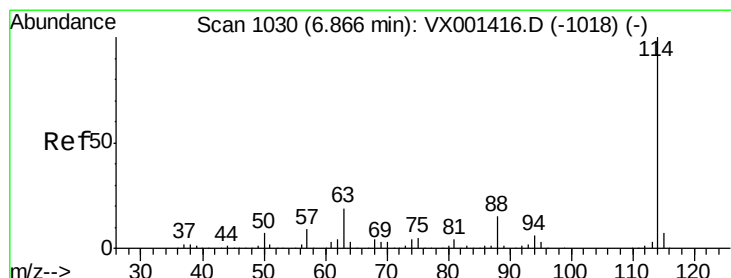
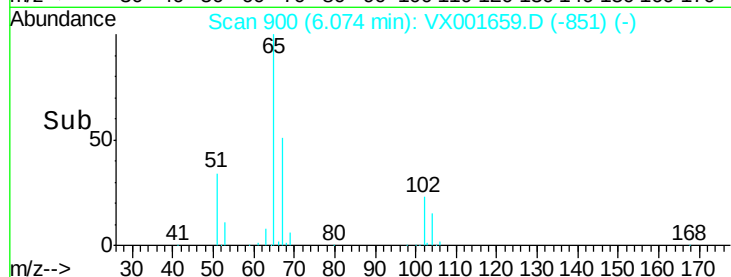
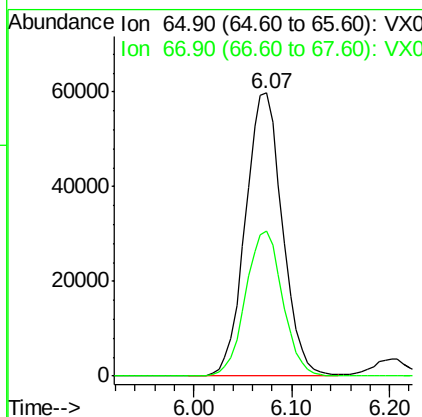
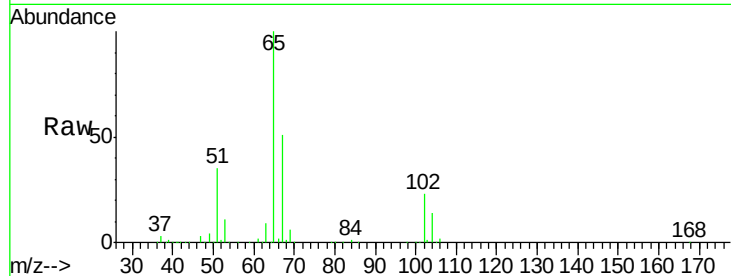




#33
 1,2-Dichloroethane-d4
 Concen: 42.05 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001659.D
 Acq: 12 May 2018 10:39

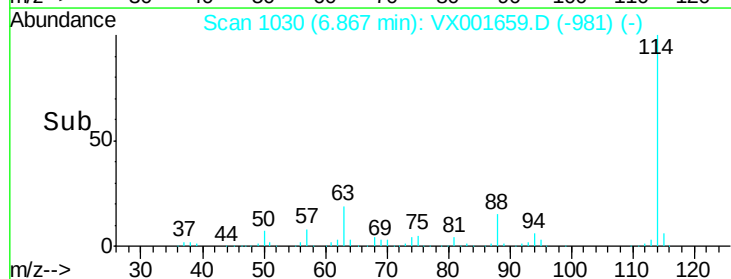
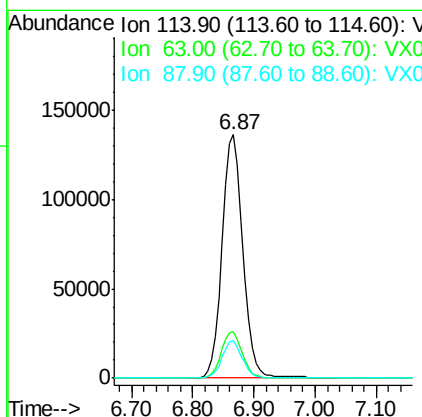
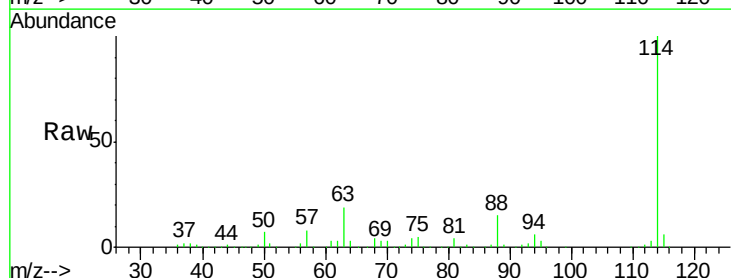
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

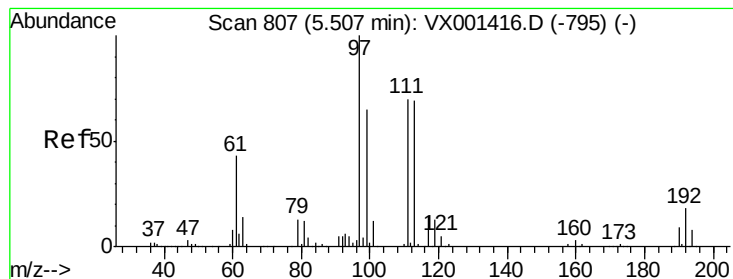
Tgt Ion: 65 Resp: 156921
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001659.D
 Acq: 12 May 2018 10:39

Tgt Ion: 114 Resp: 319683
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 47.29 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

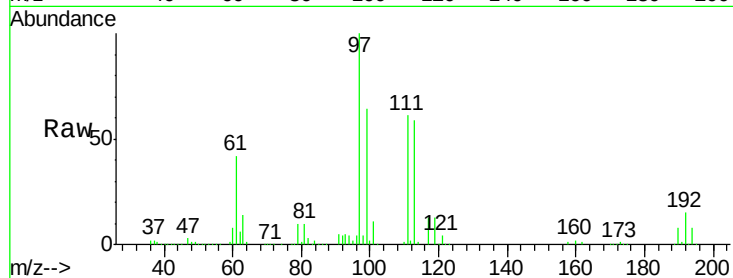
Tgt Ion:113 Resp: 134475

Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

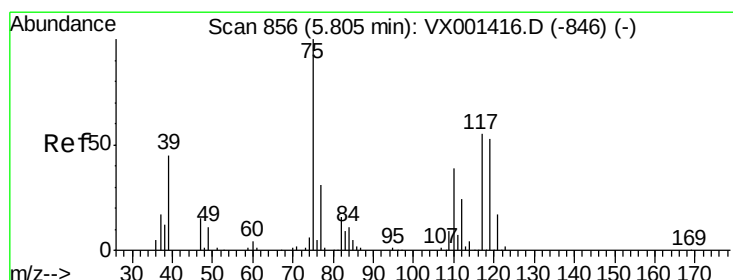
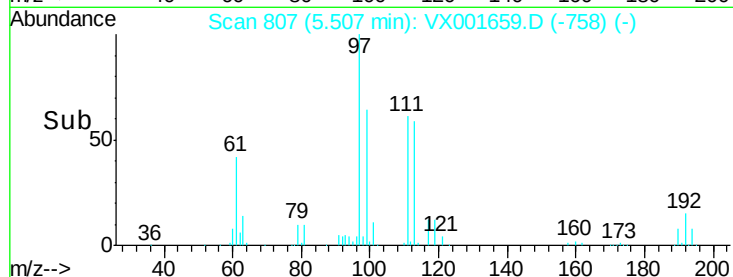
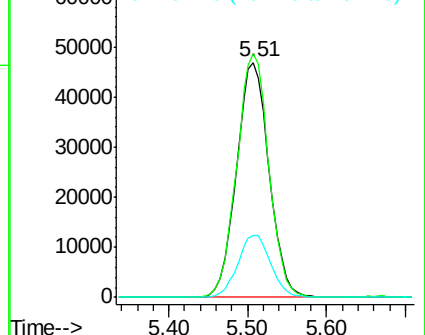
192 26.9 21.4 32.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.34 ug/l

RT: 5.80 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

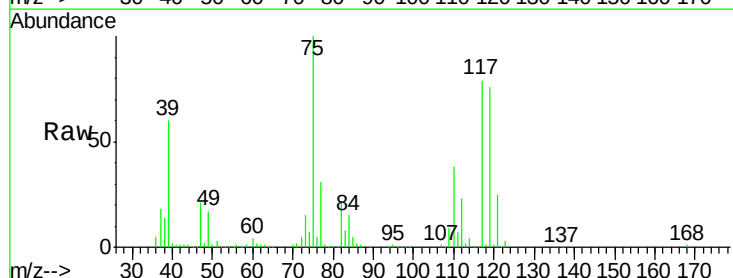
Tgt Ion: 75 Resp: 212826

Ion Ratio Lower Upper

75 100

110 37.4 18.9 56.7

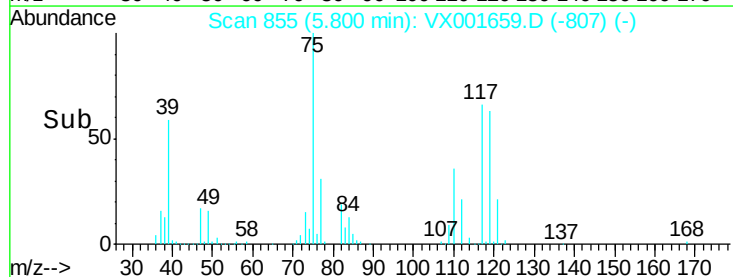
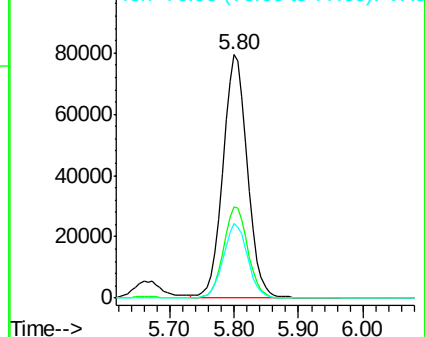
77 30.1 24.9 37.3

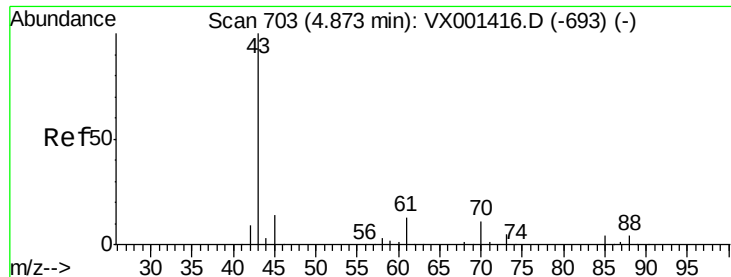


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 48.07 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

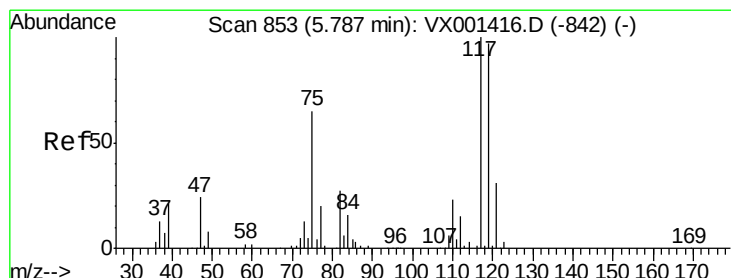
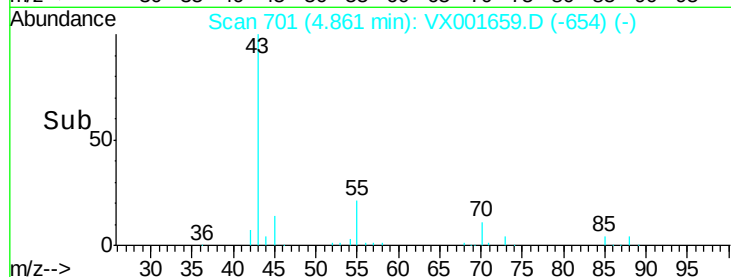
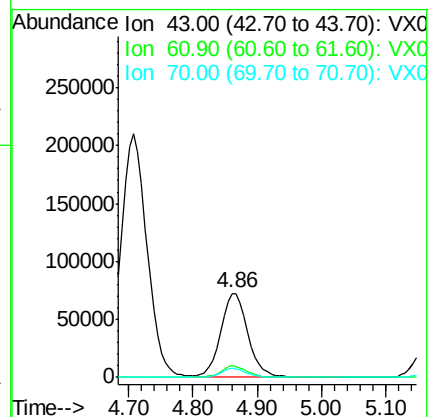
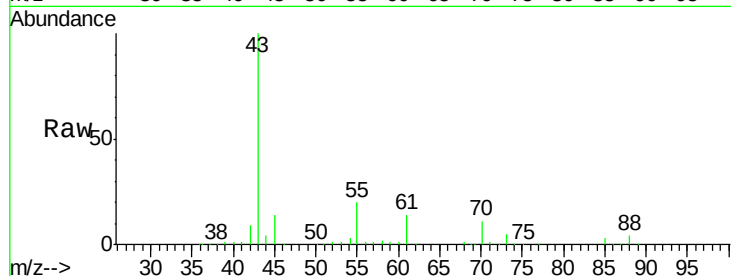
Tgt Ion: 43 Resp: 214259

Ion Ratio Lower Upper

43 100

61 13.3 10.7 16.1

70 10.4 8.4 12.6



#38

Carbon Tetrachloride

Concen: 54.63 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

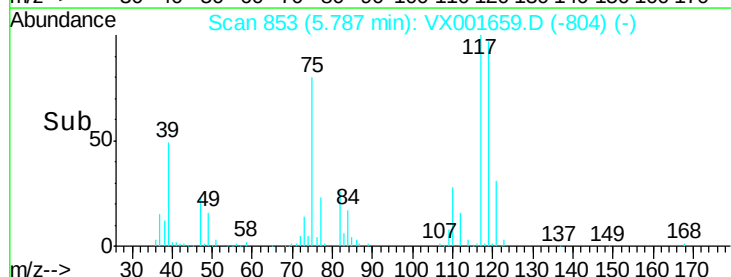
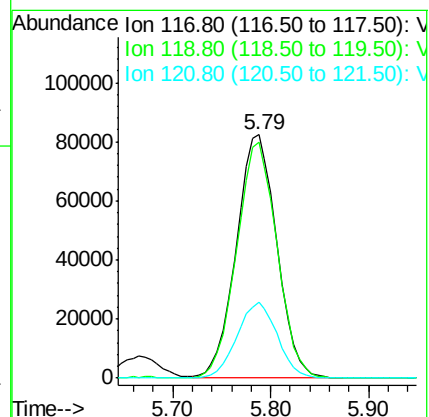
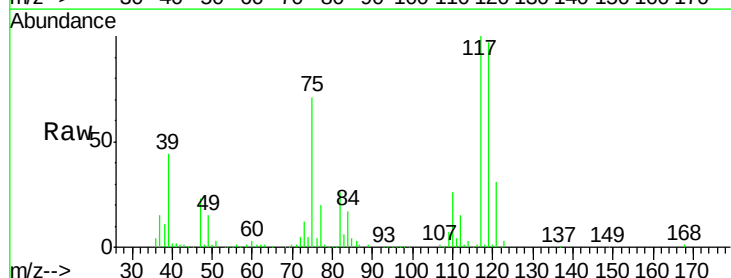
Tgt Ion: 117 Resp: 236910

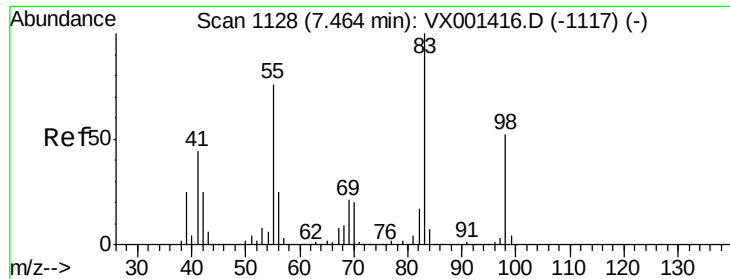
Ion Ratio Lower Upper

117 100

119 97.1 77.0 115.6

121 31.0 25.1 37.7

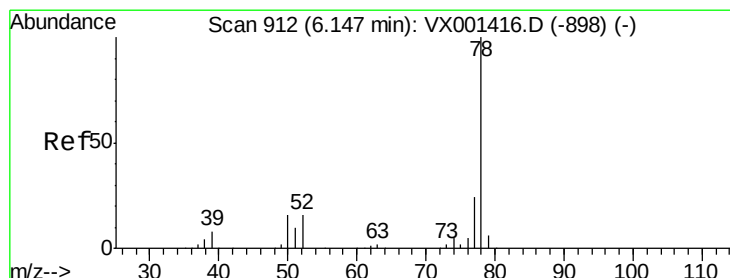
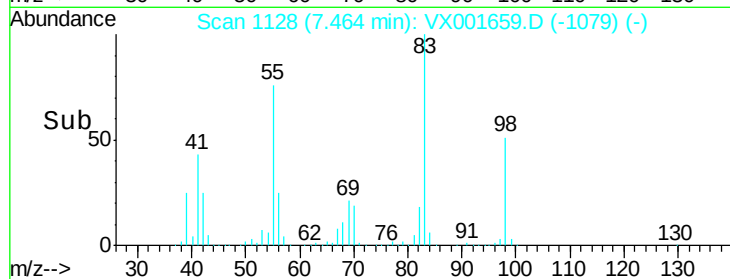
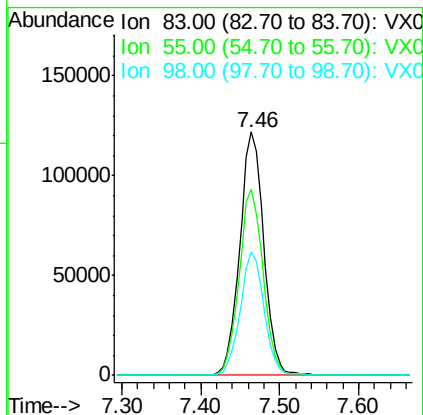
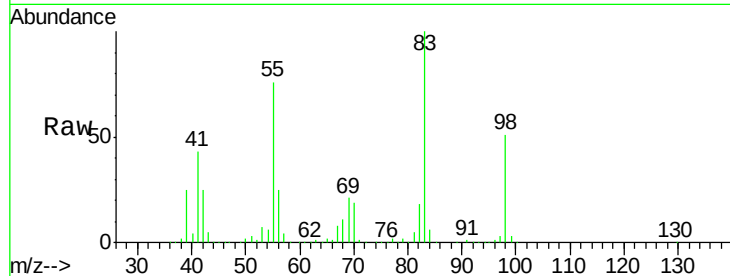




#39
Methylcyclohexane
Concen: 53.70 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

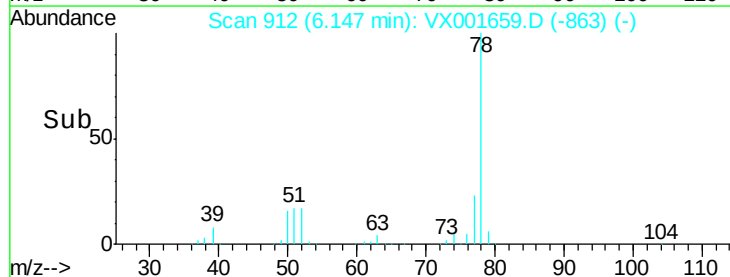
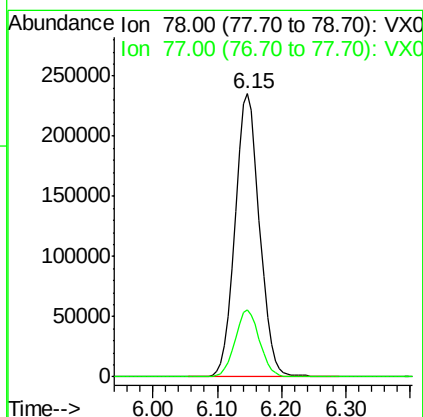
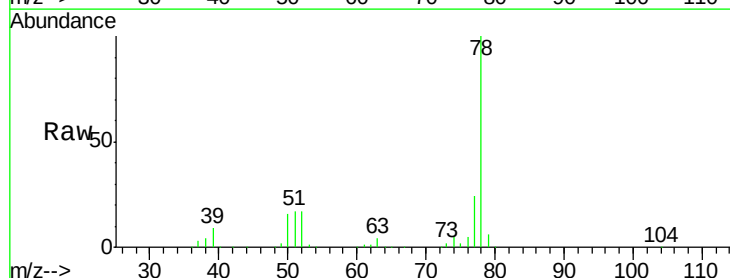
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

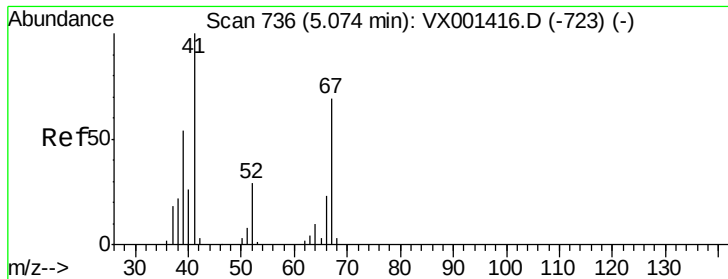
Tgt Ion: 83 Resp: 258158
Ion Ratio Lower Upper
83 100
55 76.5 60.9 91.3
98 50.7 41.9 62.9



#40
Benzene
Concen: 52.28 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

Tgt Ion: 78 Resp: 620966
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.2

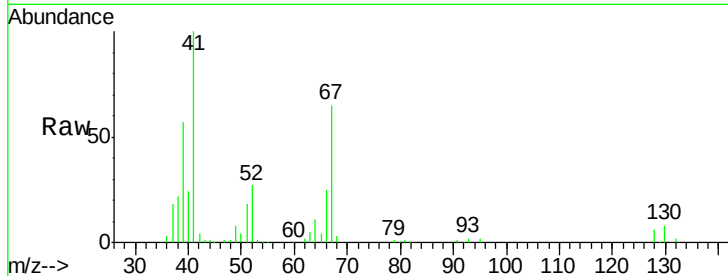




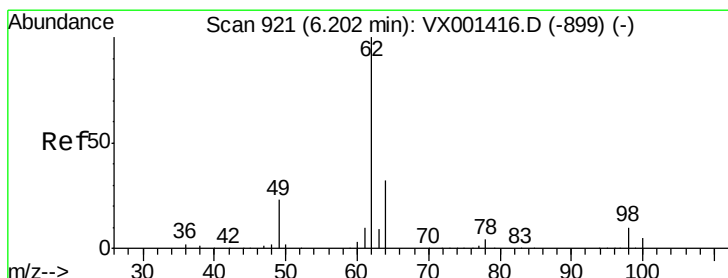
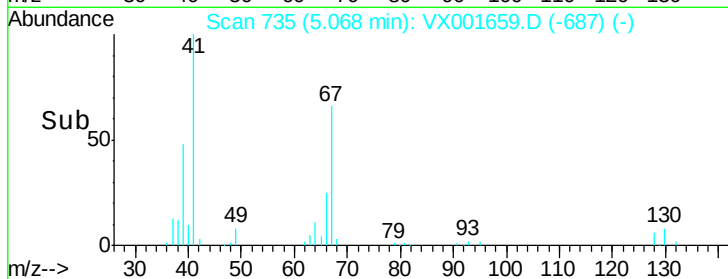
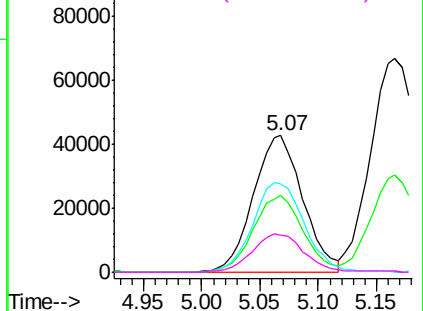
#41
Methacrylonitrile
Concen: 49.03 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	125036
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.0	67.6
67	68.8	55.0	82.6
52	29.4	23.4	35.0

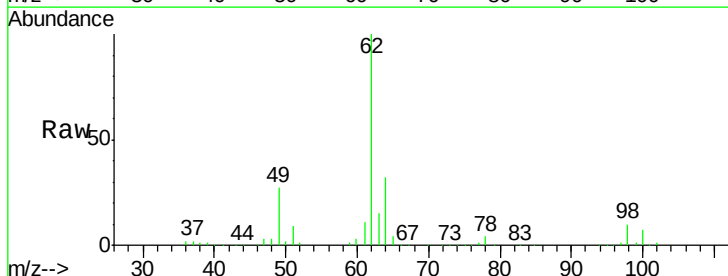


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

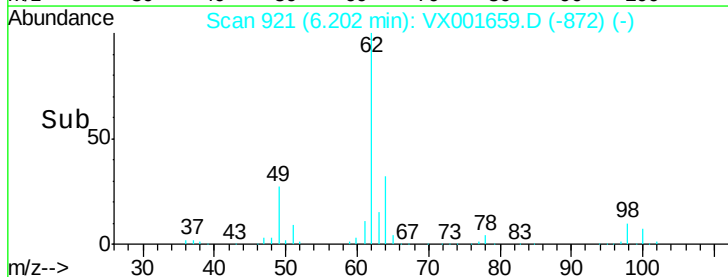
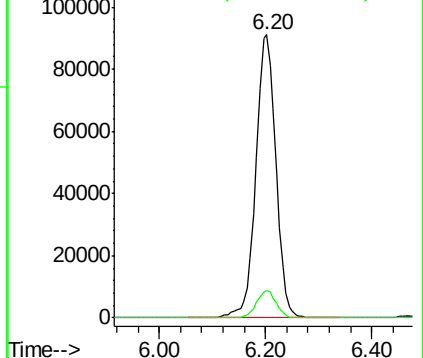


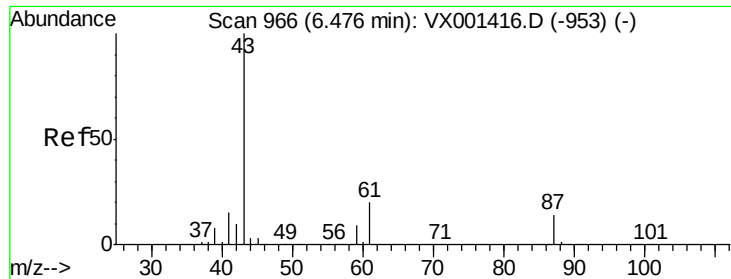
#42
1,2-Dichloroethane
Concen: 51.70 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

Tgt Ion:	62	Resp:	236008
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 51.09 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

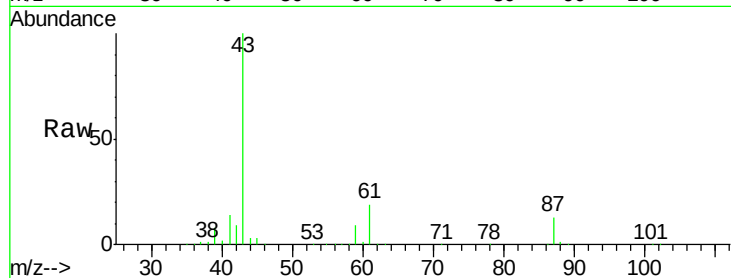
Tgt Ion: 43 Resp: 349628

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.0

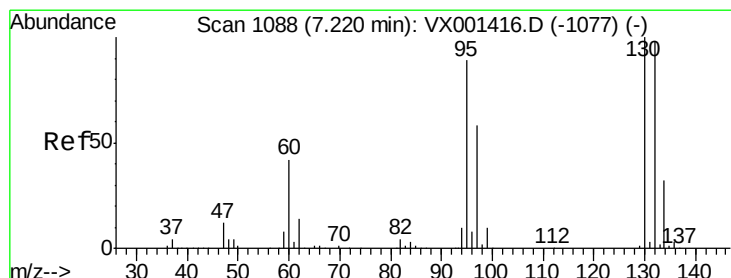
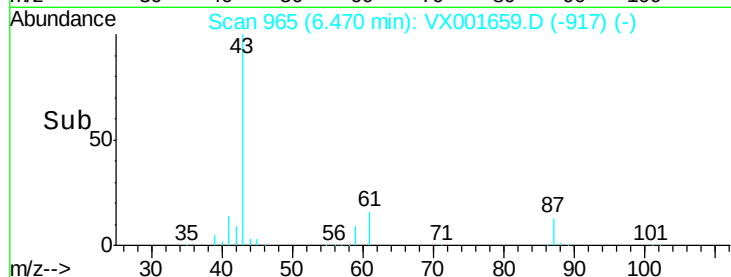
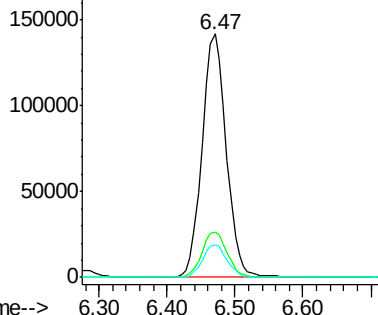
87 13.5 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 53.16 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX001659.D

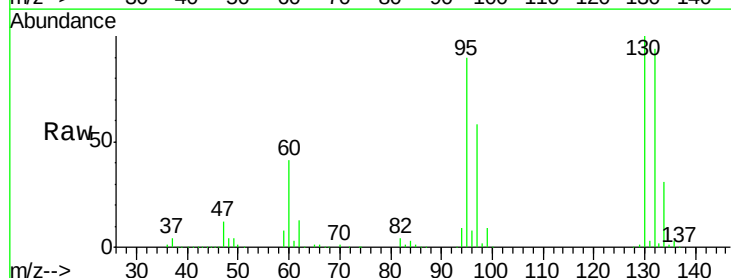
Acq: 12 May 2018 10:39

Tgt Ion: 130 Resp: 193009

Ion Ratio Lower Upper

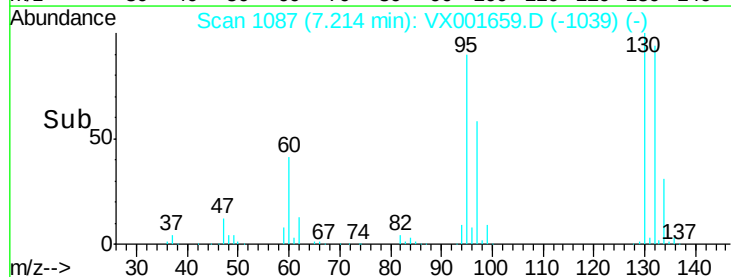
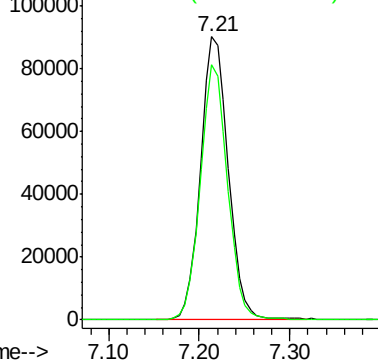
130 100

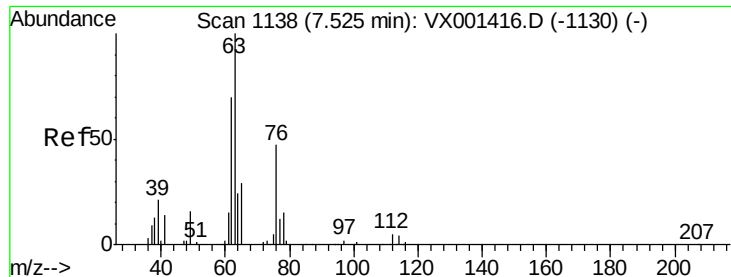
95 90.4 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 53.79 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

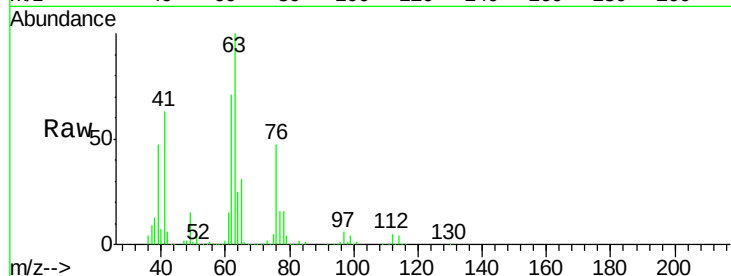
VSTDCCC050

Tgt Ion: 63 Resp: 159287

Ion Ratio Lower Upper

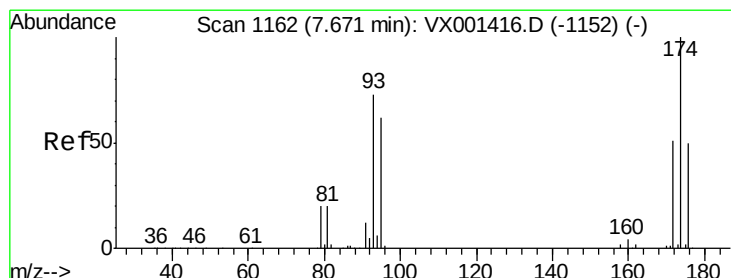
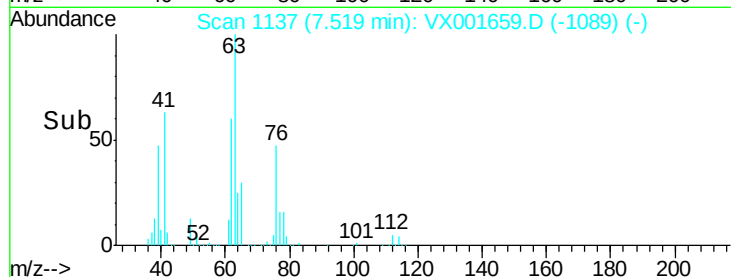
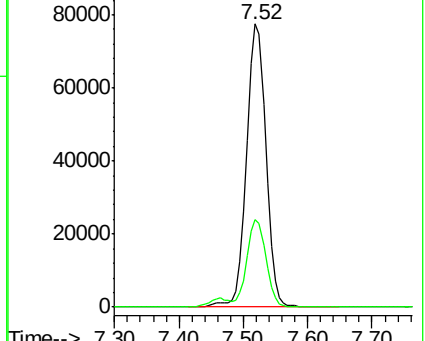
63 100

65 31.0 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.74 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

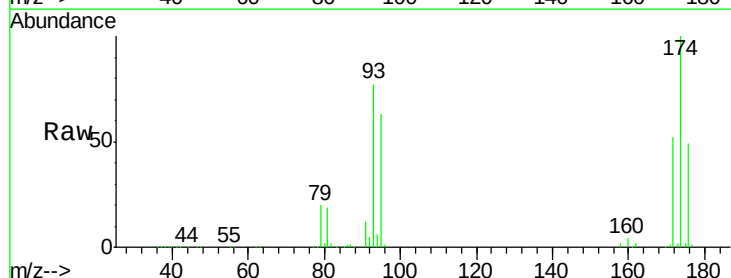
Tgt Ion: 93 Resp: 108461

Ion Ratio Lower Upper

93 100

95 82.6 67.0 100.4

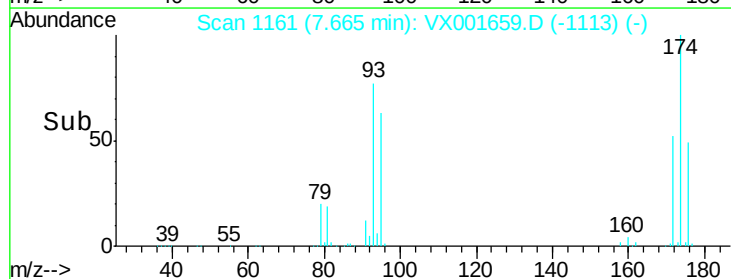
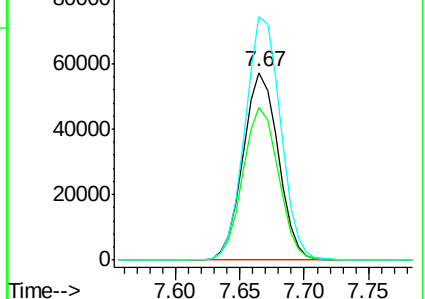
174 131.0 104.5 156.7

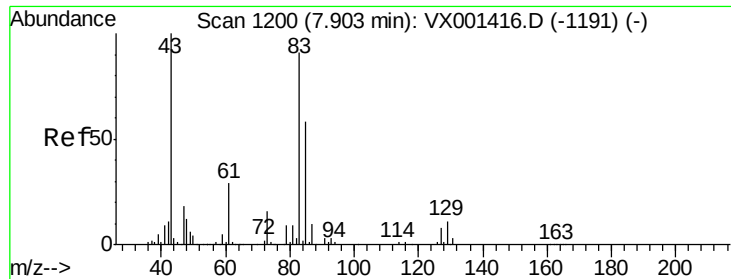


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 56.07 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

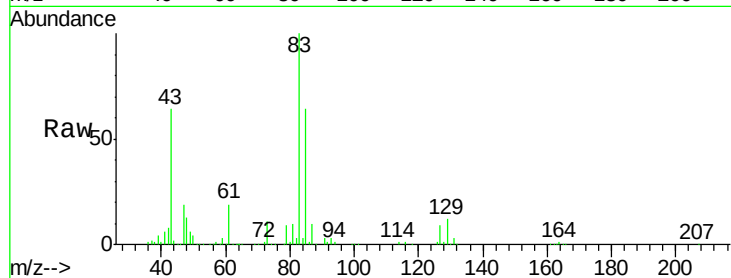
Tgt Ion: 83 Resp: 217519

Ion Ratio Lower Upper

83 100

85 64.3 51.0 76.6

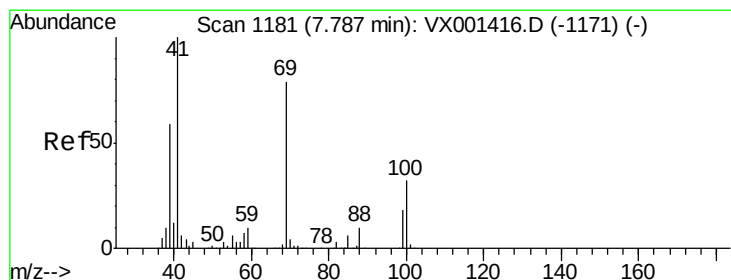
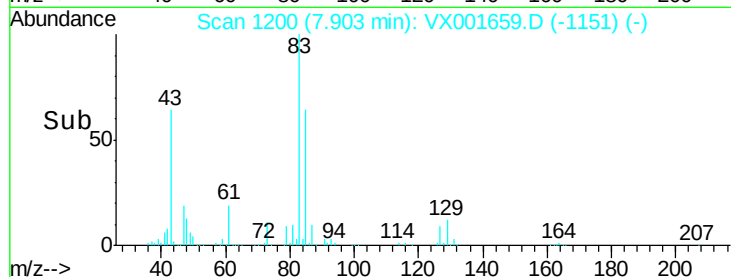
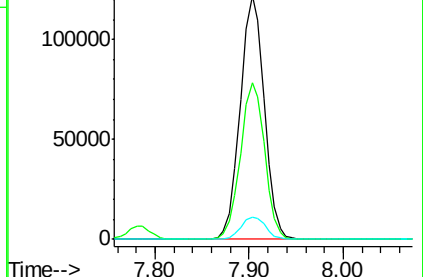
127 9.2 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.82 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

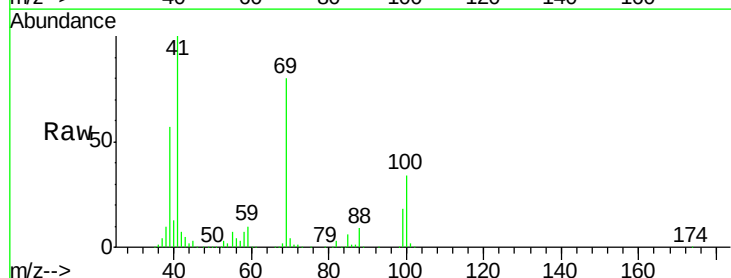
Tgt Ion: 41 Resp: 189366

Ion Ratio Lower Upper

41 100

69 80.1 63.4 95.2

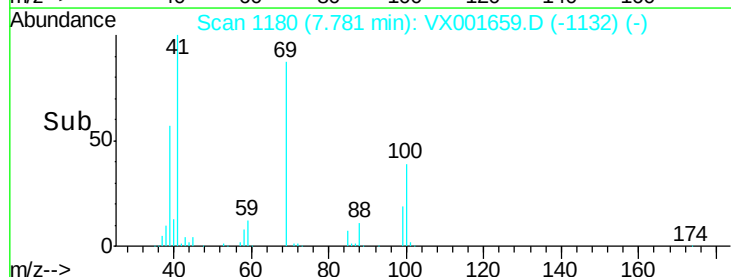
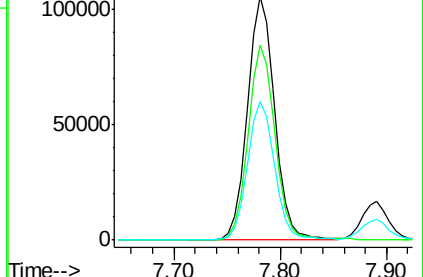
39 56.9 47.0 70.4

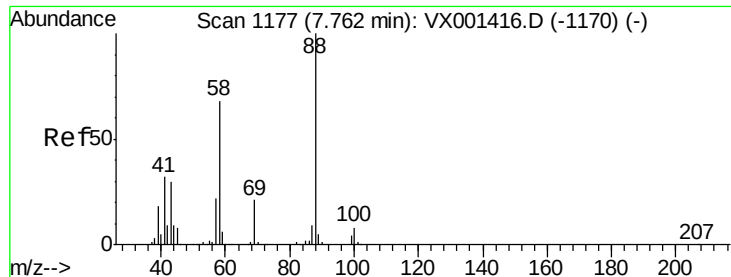


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

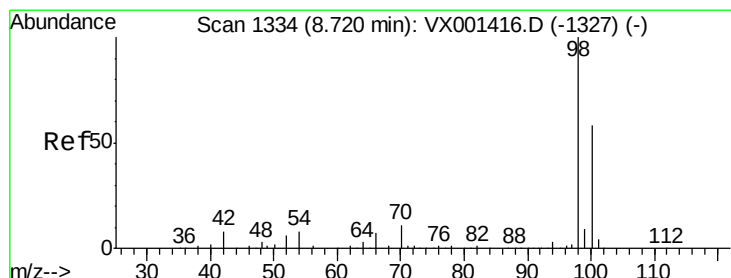
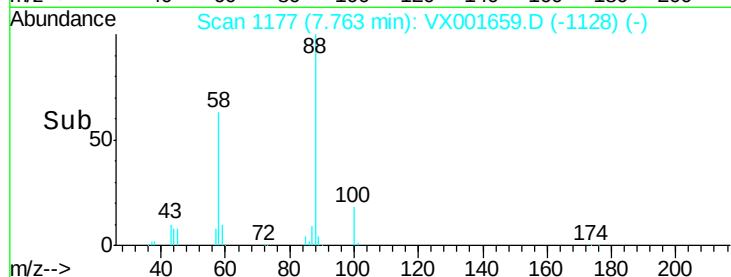
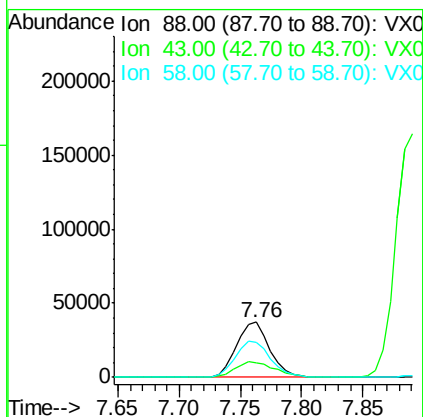
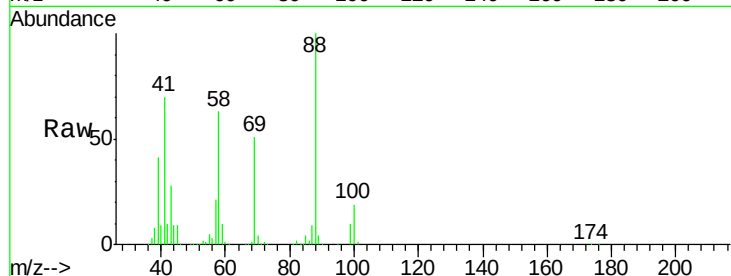




#49
1,4-Dioxane
Concen: 870.38 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

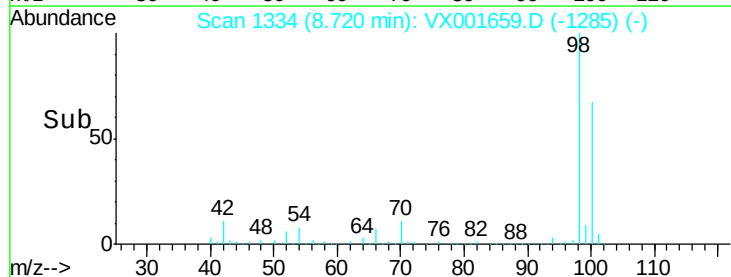
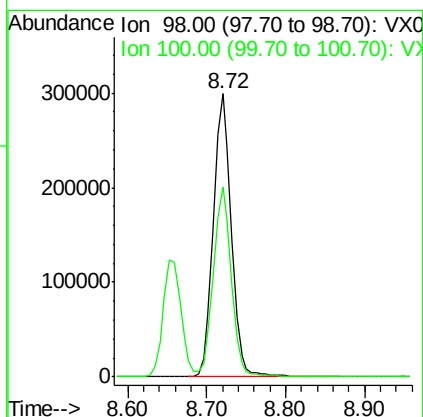
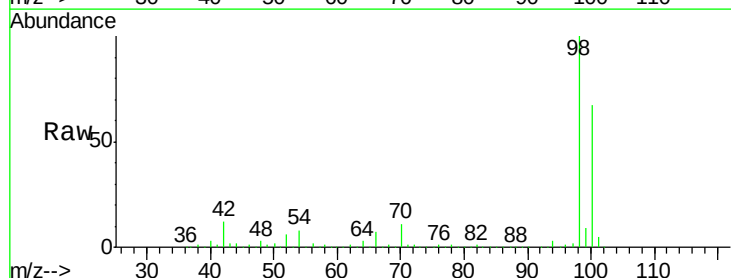
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

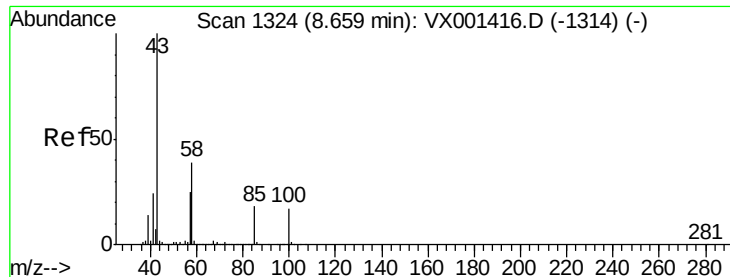
Tgt Ion: 88 Resp: 70067
Ion Ratio Lower Upper
88 100
43 33.7 26.4 39.6
58 69.6 54.1 81.1



#50
Toluene-d8
Concen: 45.68 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

Tgt Ion: 98 Resp: 474106
Ion Ratio Lower Upper
98 100
100 67.4 54.0 81.0





#51

4-Methyl-2-Pentanone

Concen: 251.25 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

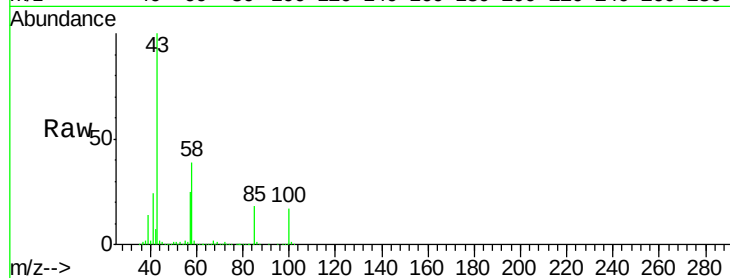
VSTDCCC050

Tgt Ion: 43 Resp: 1142496

Ion Ratio Lower Upper

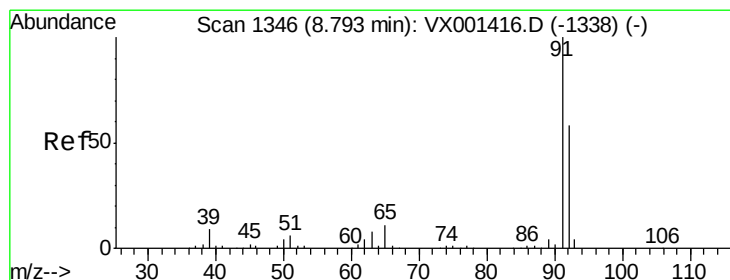
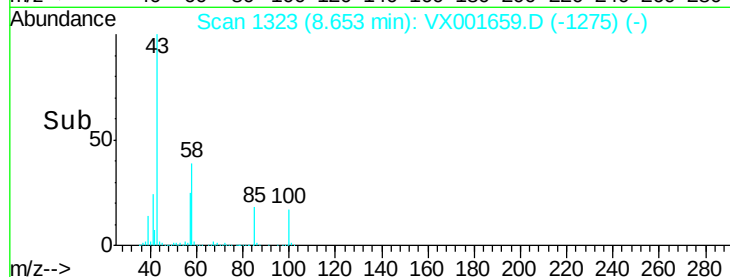
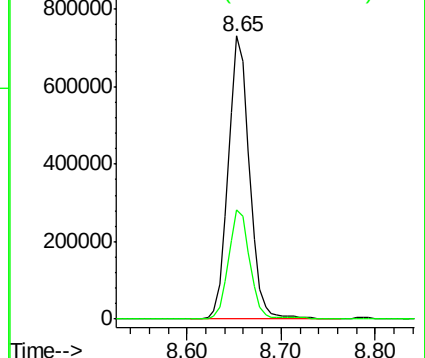
43 100

58 38.4 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 53.61 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001659.D

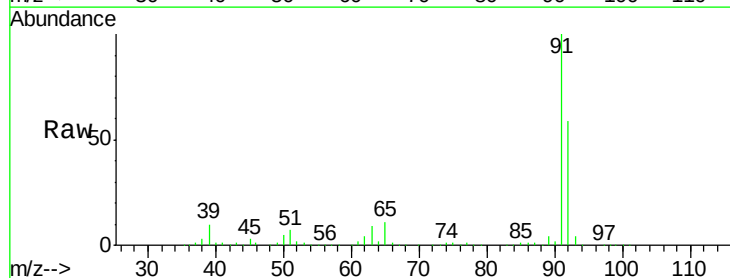
Acq: 12 May 2018 10:39

Tgt Ion: 92 Resp: 416378

Ion Ratio Lower Upper

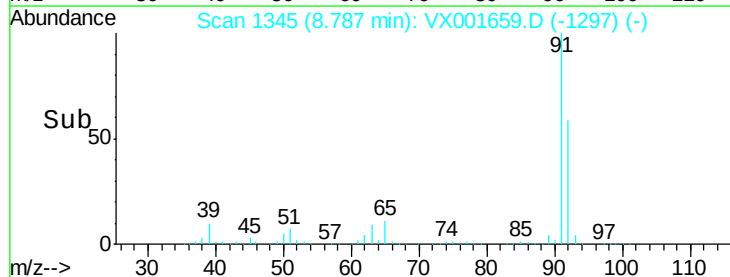
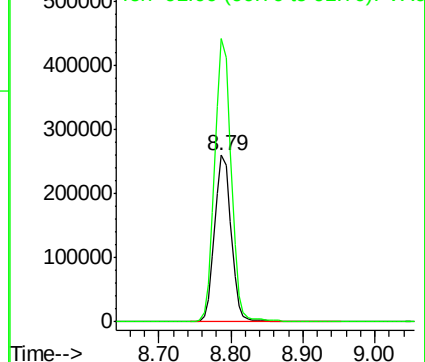
92 100

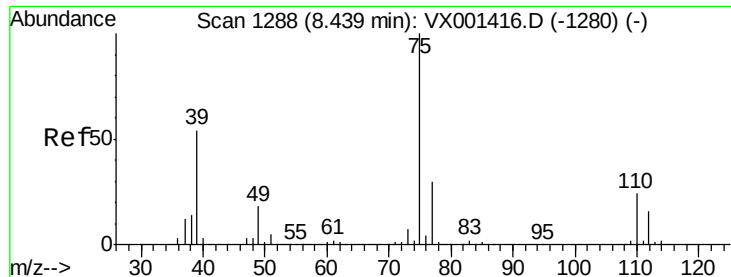
91 169.3 135.2 202.8



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: 57.90 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

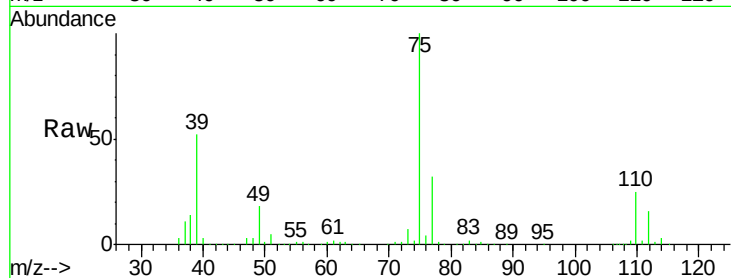
VSTDCCC050

Tgt Ion: 75 Resp: 253877

Ion Ratio Lower Upper

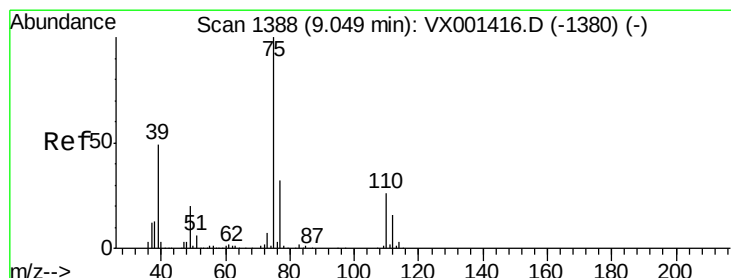
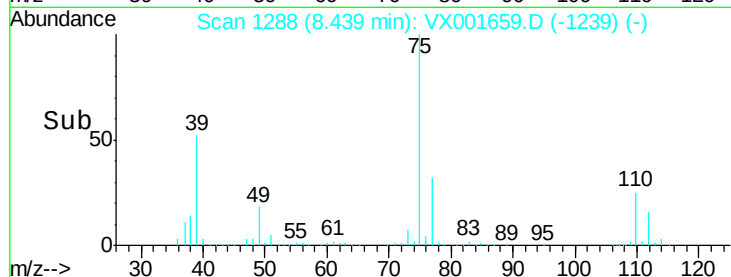
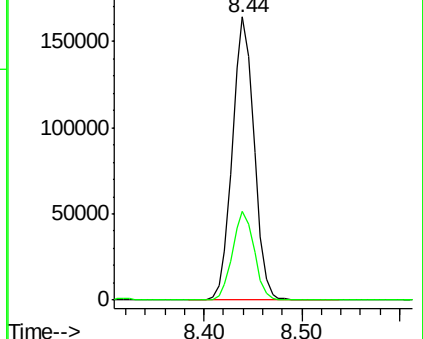
75 100

77 31.5 24.2 36.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 51.47 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

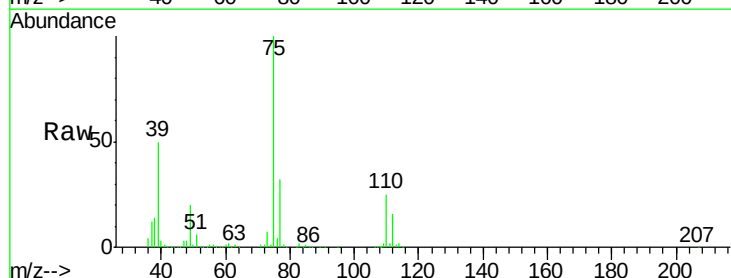
Tgt Ion: 75 Resp: 233607

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

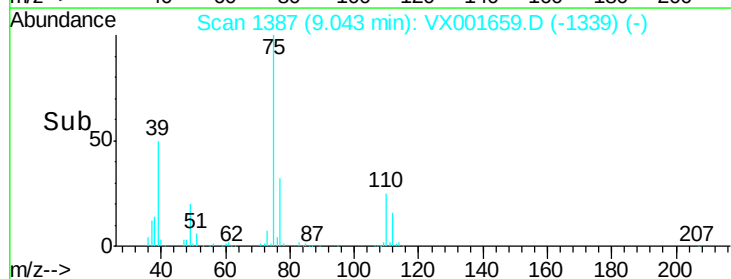
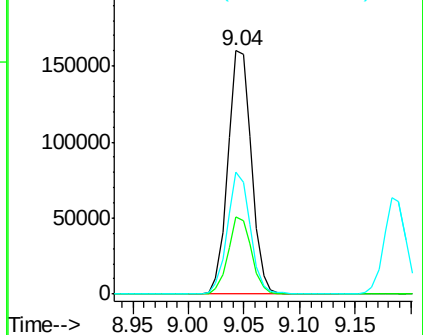
39 50.2 38.9 58.3

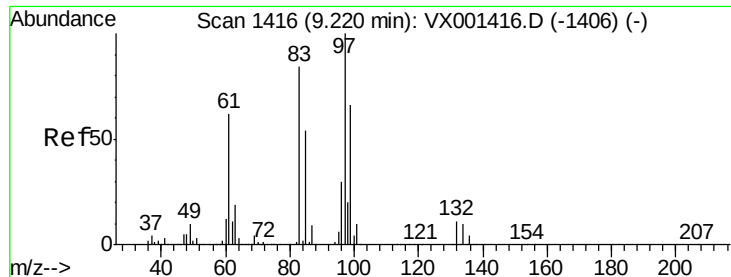


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

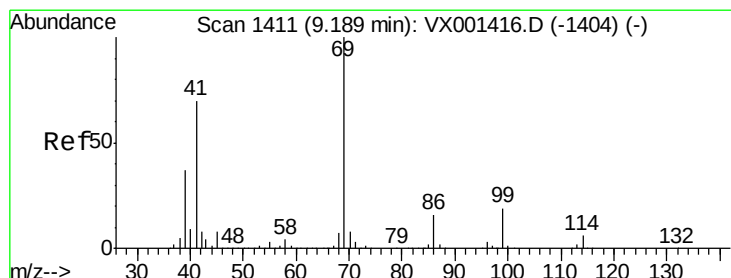
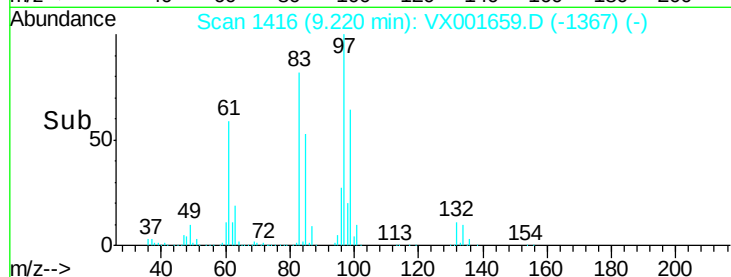
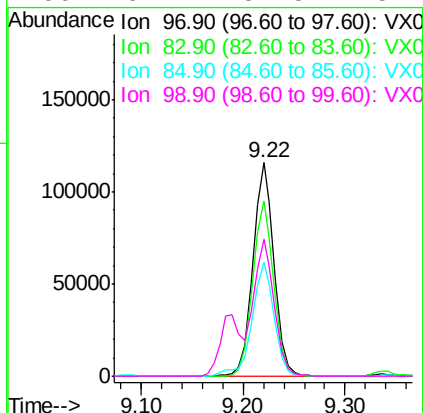
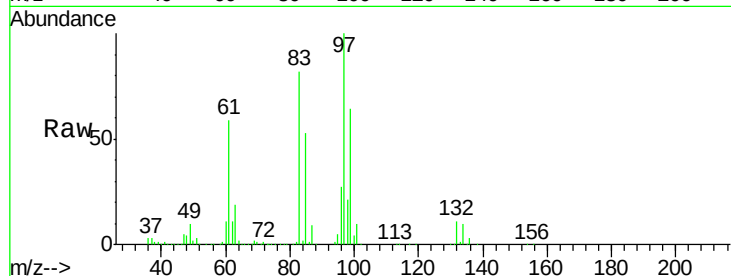




#55
 1,1,2-Trichloroethane
 Concen: 53.60 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001659.D
 Acq: 12 May 2018 10:39

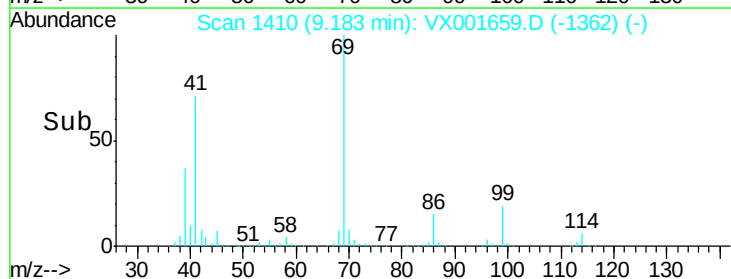
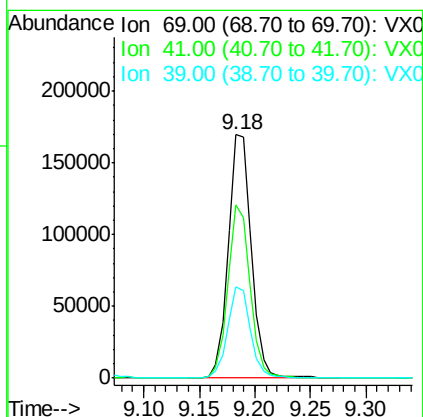
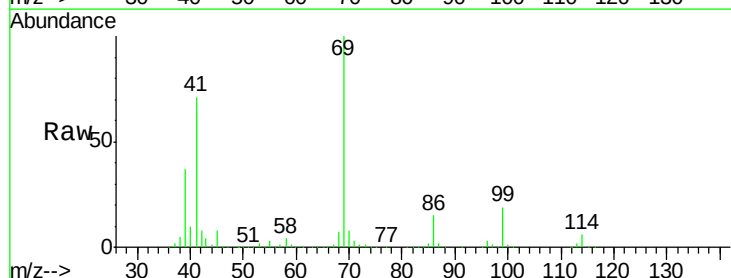
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

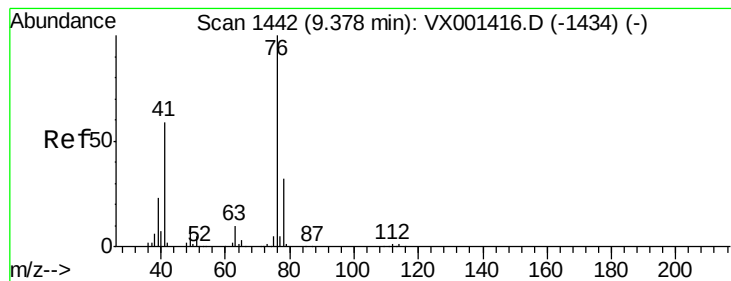
Tgt Ion:	97	Resp:	167692
Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.4	101.0
85	53.3	43.3	64.9
99	64.4	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 53.80 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX001659.D
 Acq: 12 May 2018 10:39

Tgt Ion:	69	Resp:	242634
Ion	Ratio	Lower	Upper
69	100		
41	68.6	55.1	82.7
39	37.1	29.9	44.9





#57

1,3-Dichloropropane

Concen: 51.56 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

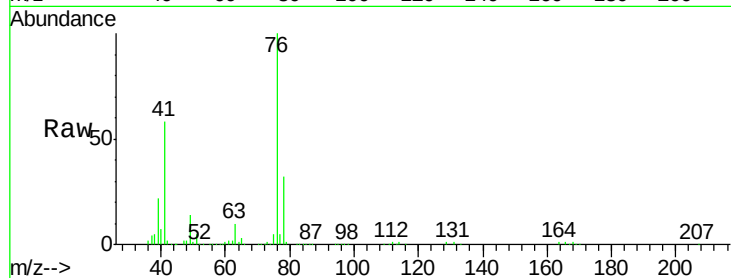
VSTDCCC050

Tgt Ion: 76 Resp: 266761

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

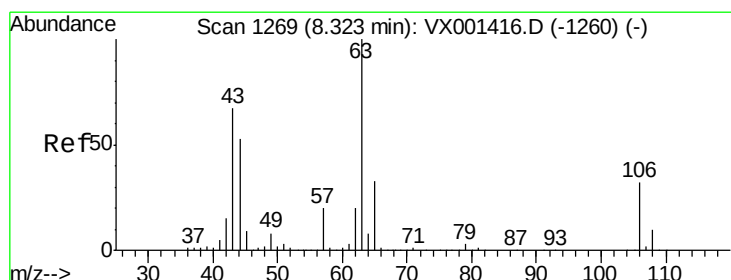
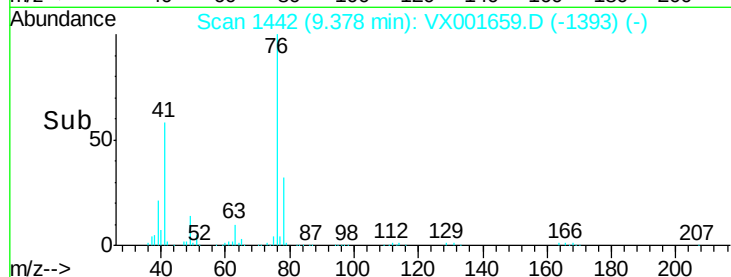
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 279.40 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX001659.D

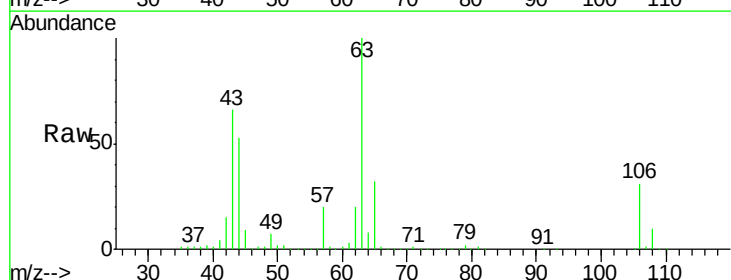
Acq: 12 May 2018 10:39

Tgt Ion: 63 Resp: 618089

Ion Ratio Lower Upper

63 100

106 31.5 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

400000

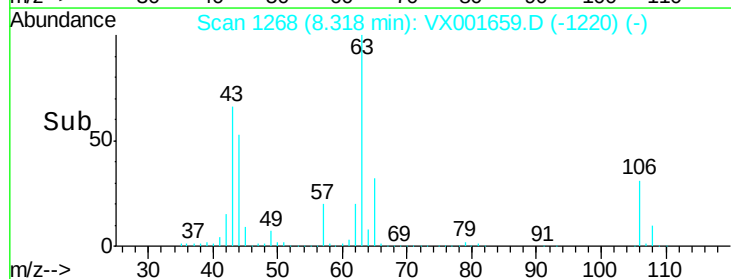
300000

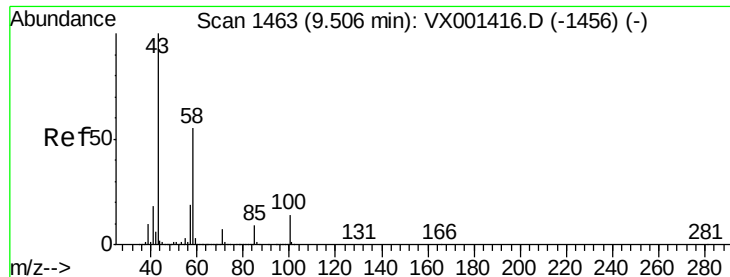
200000

100000

0

Time-->

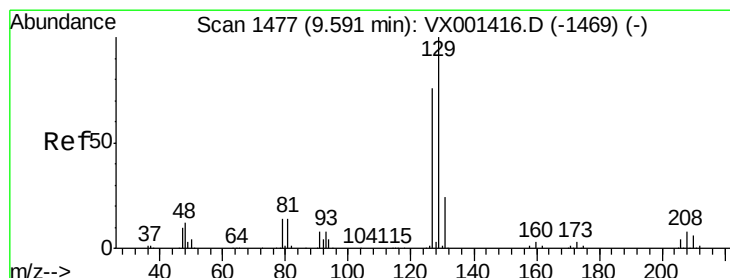
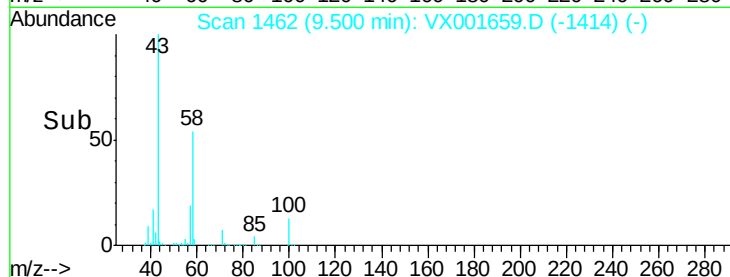
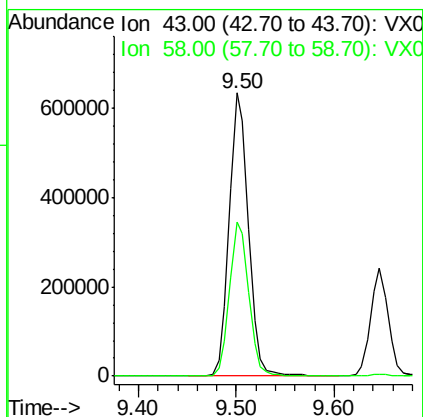
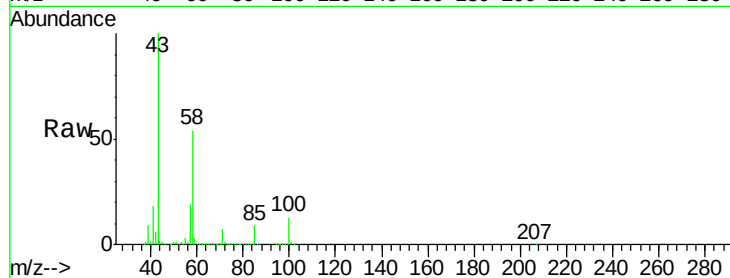




#59
2-Hexanone
Concen: 248.52 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

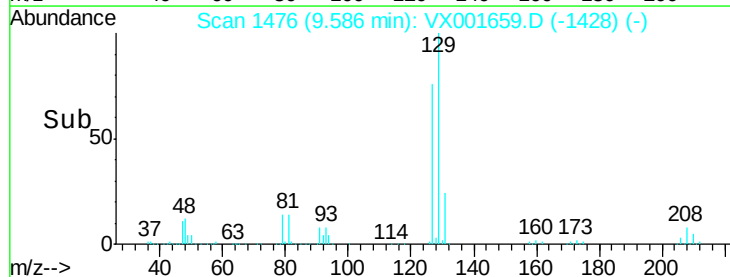
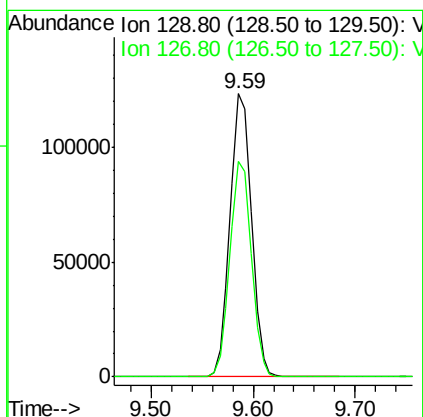
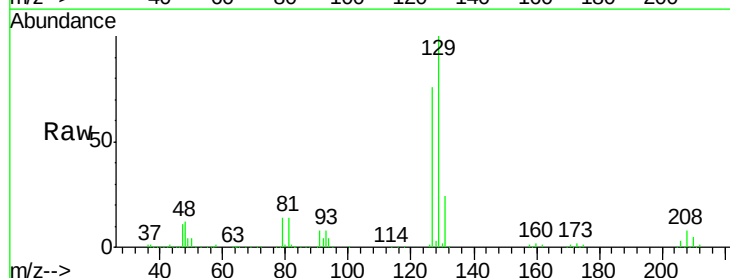
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

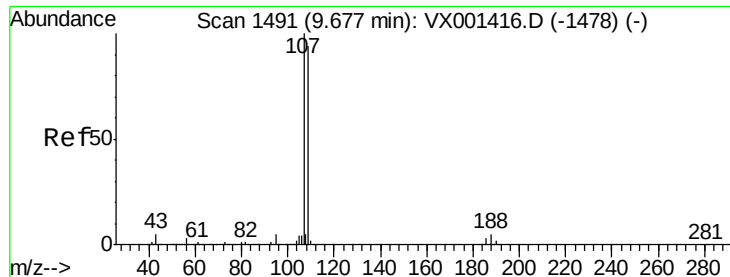
Tgt Ion: 43 Resp: 865362
Ion Ratio Lower Upper
43 100
58 54.8 27.1 81.2



#60
Dibromochloromethane
Concen: 55.93 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

Tgt Ion: 129 Resp: 179222
Ion Ratio Lower Upper
129 100
127 76.4 38.1 114.5





#61

1,2-Dibromoethane

Concen: 51.42 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

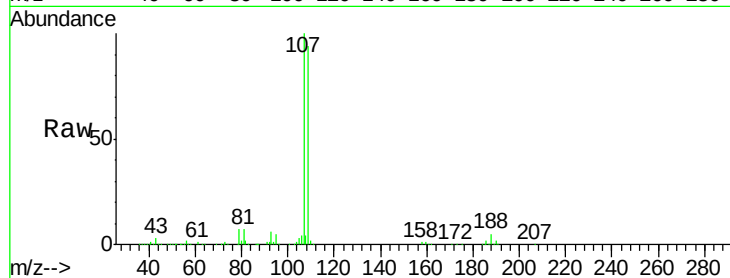
VSTDCCC050

Tgt Ion: 107 Resp: 168916

Ion Ratio Lower Upper

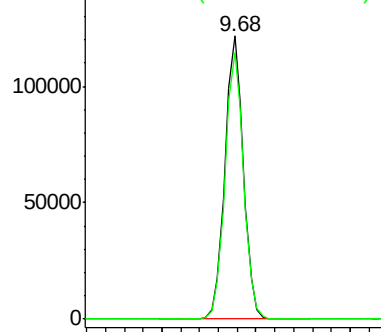
107 100

109 94.9 75.5 113.3

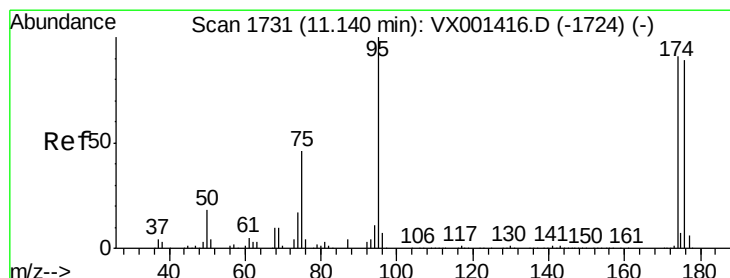
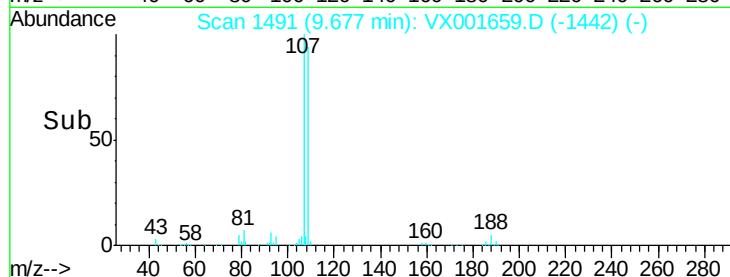


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 45.75 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

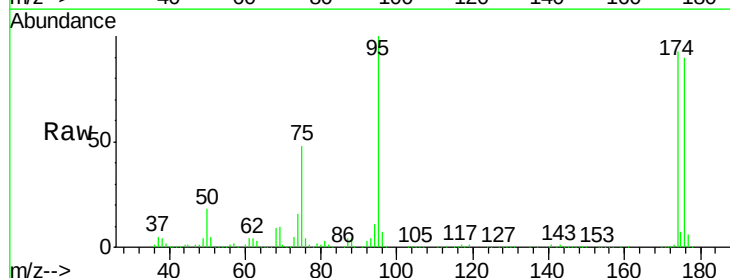
Tgt Ion: 95 Resp: 182270

Ion Ratio Lower Upper

95 100

174 100.1 0.0 202.0

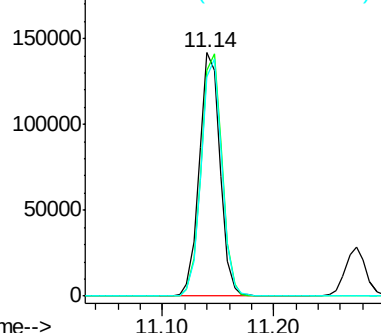
176 97.6 0.0 197.4



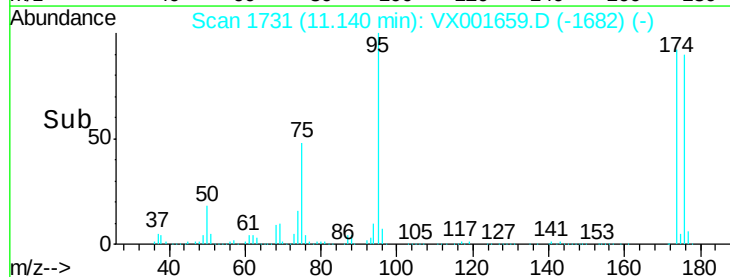
Abundance Ion 94.90 (94.60 to 95.60): VX0

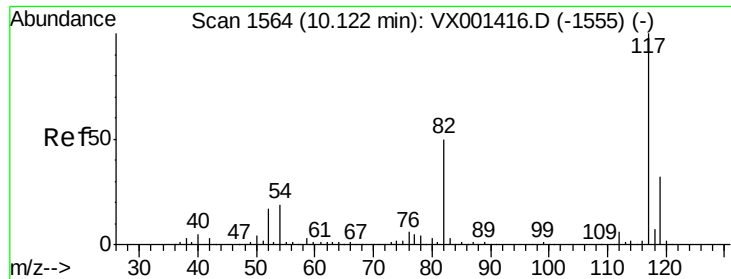
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

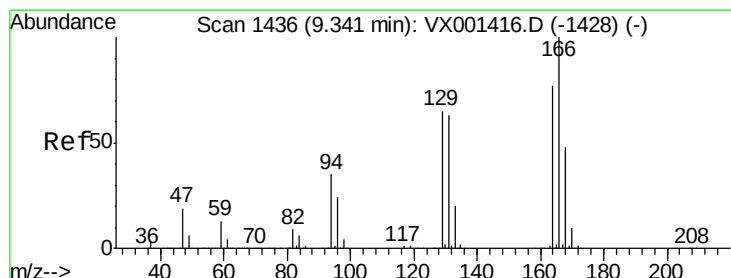
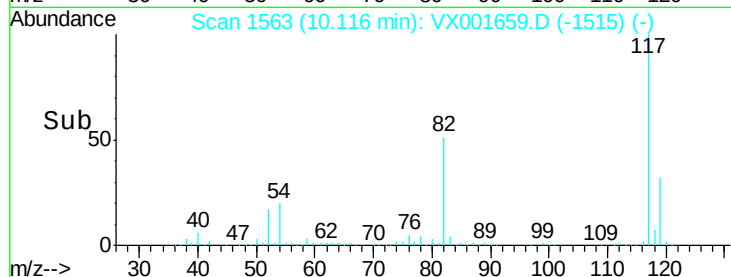
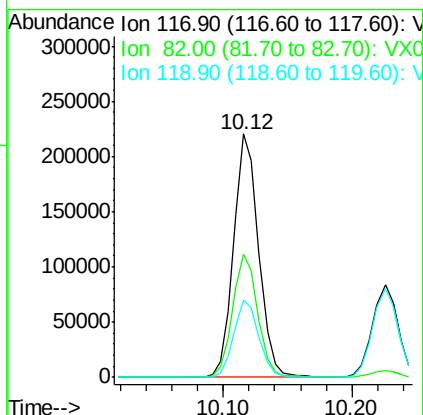
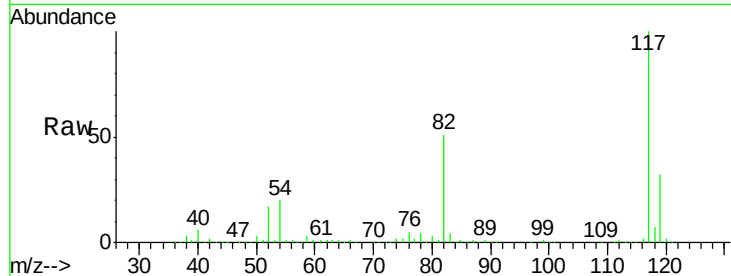




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

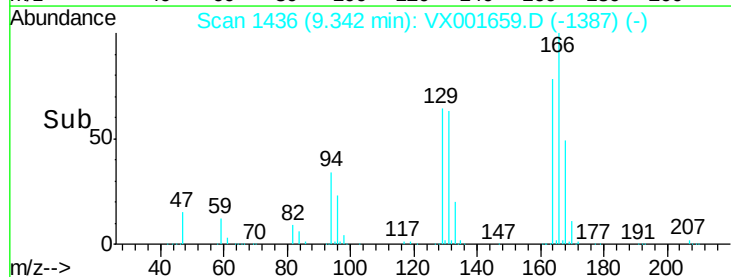
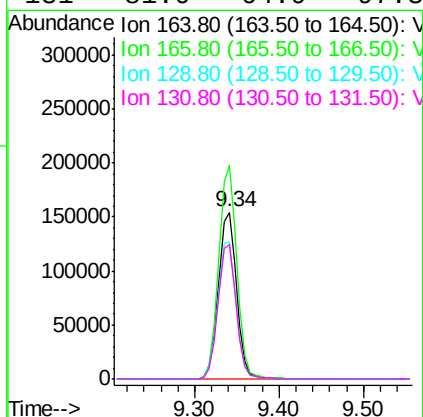
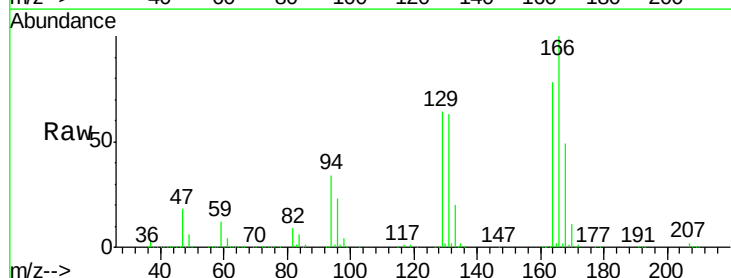
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

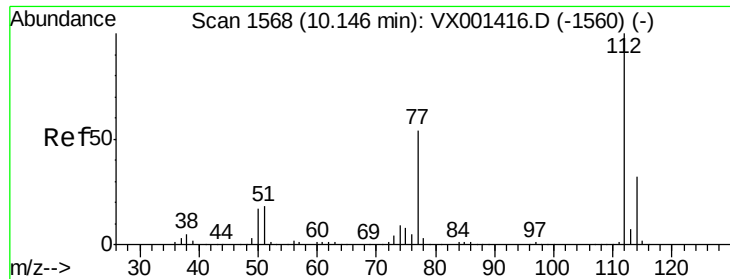
Tgt Ion:117 Resp: 299107
Ion Ratio Lower Upper
117 100
82 50.8 40.0 60.0
119 31.6 25.8 38.8



#64
Tetrachloroethene
Concen: 55.75 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

Tgt Ion:164 Resp: 232424
Ion Ratio Lower Upper
164 100
166 128.3 103.5 155.3
129 82.2 66.7 100.1
131 81.0 64.9 97.3





#65

Chlorobenzene

Concen: 52.80 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

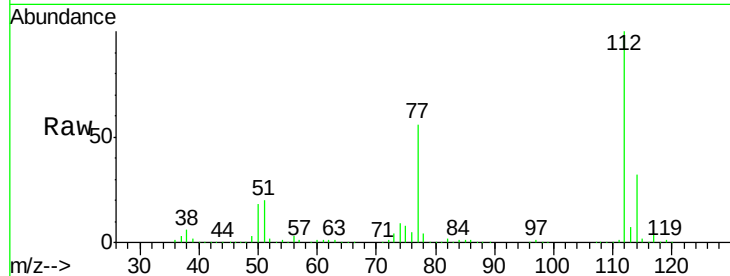
VSTDCCC050

Tgt Ion:112 Resp: 463164

Ion Ratio Lower Upper

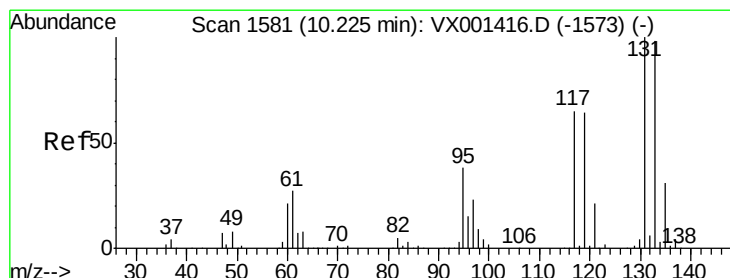
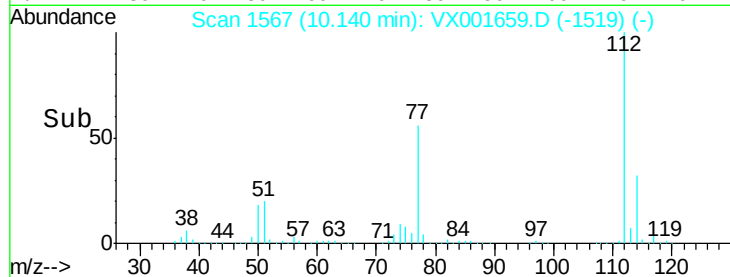
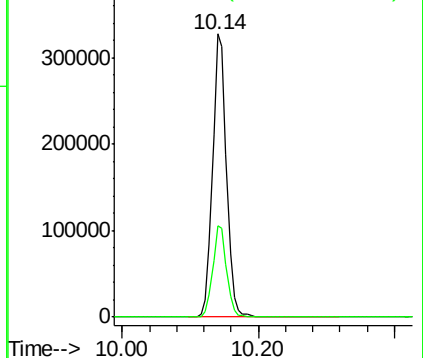
112 100

114 32.2 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 55.90 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

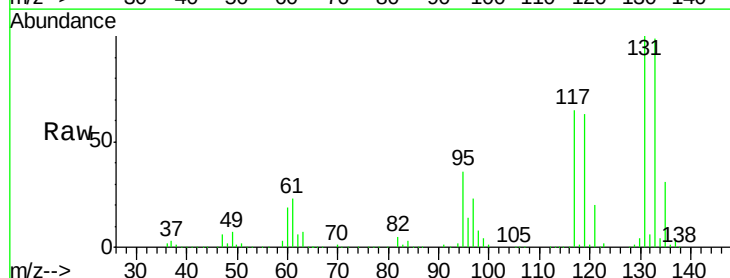
Tgt Ion:131 Resp: 175409

Ion Ratio Lower Upper

131 100

133 95.7 47.9 143.8

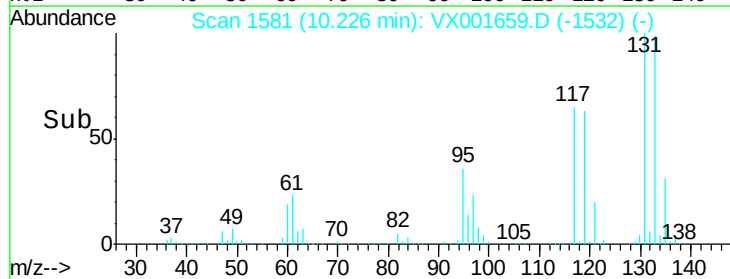
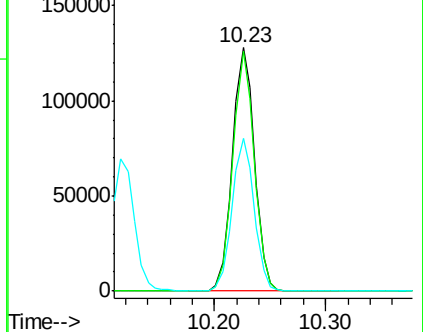
119 62.5 31.1 93.3

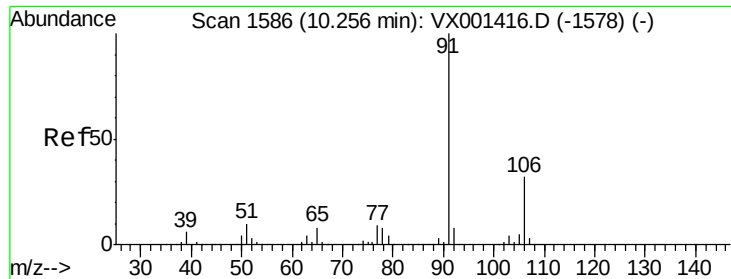


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

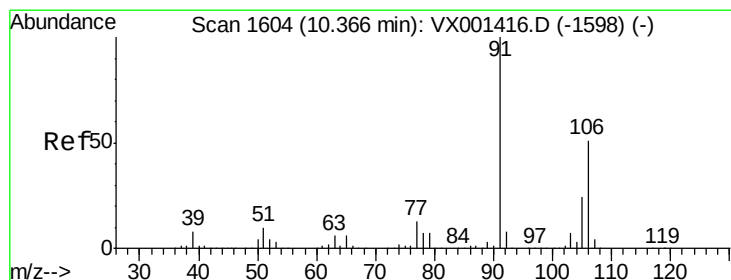
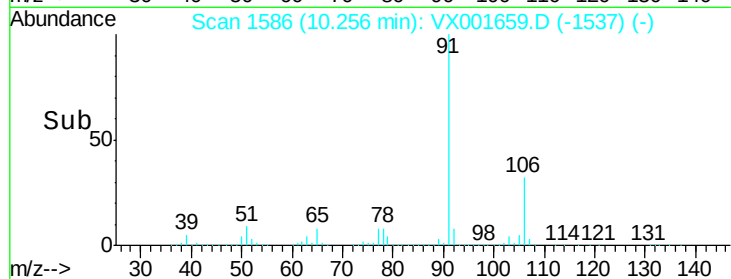
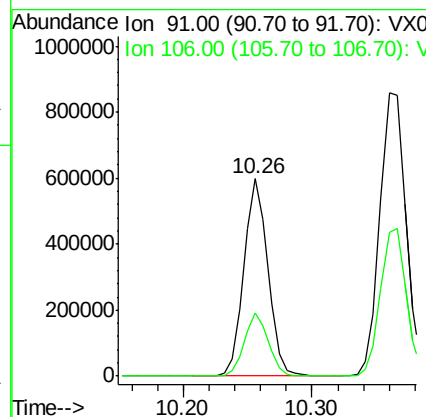
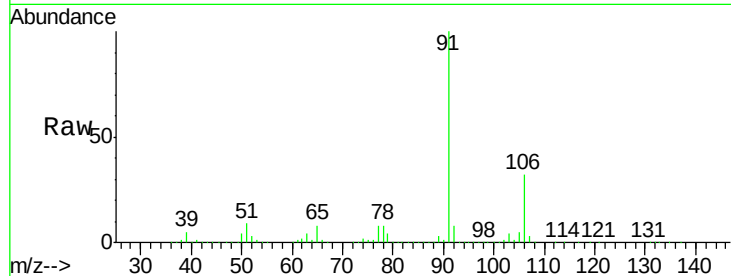




#67
Ethyl Benzene
Concen: 53.73 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

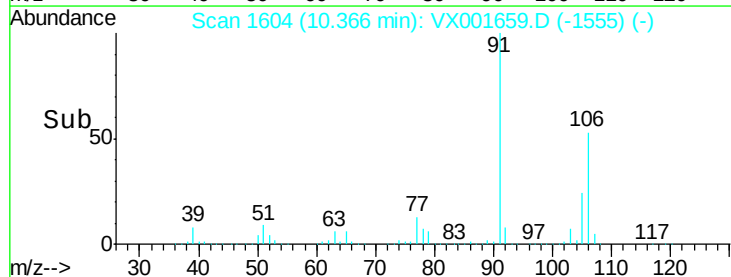
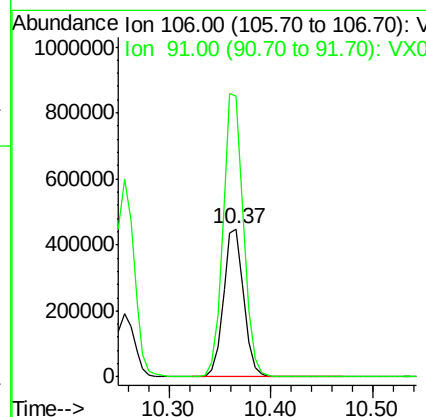
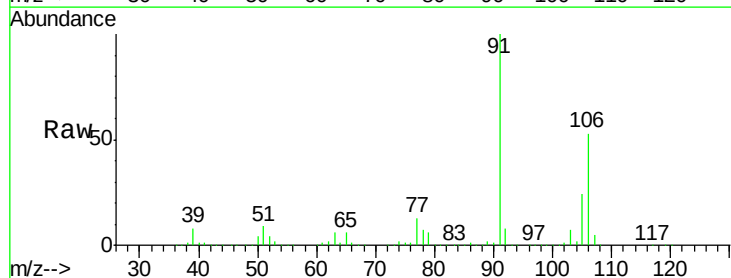
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

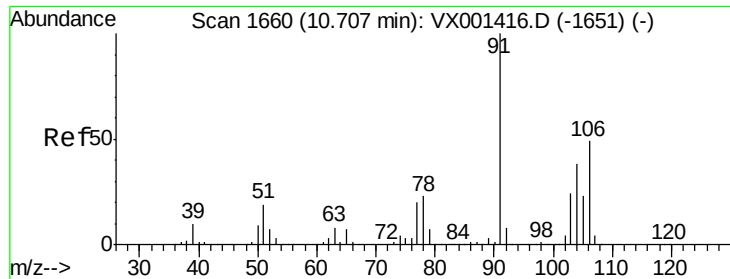
Tgt Ion: 91 Resp: 772464
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 109.08 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

Tgt Ion: 106 Resp: 619696
Ion Ratio Lower Upper
106 100
91 194.7 157.5 236.3

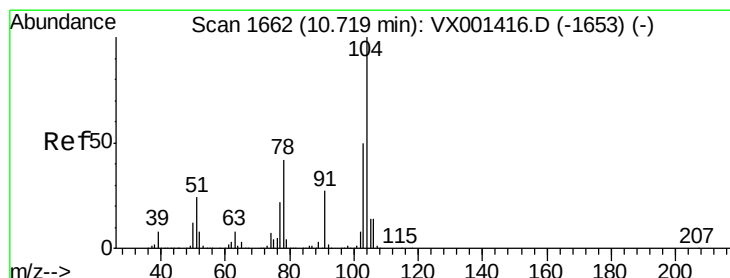
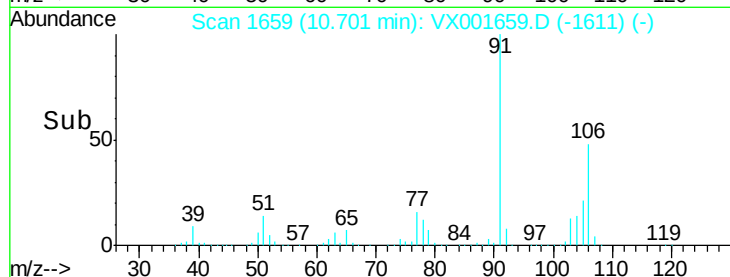
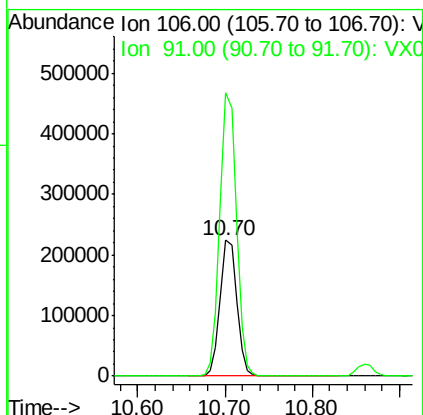
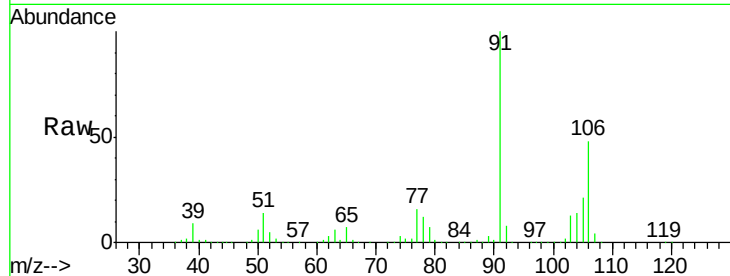




#69
o-Xylene
Concen: 53.76 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

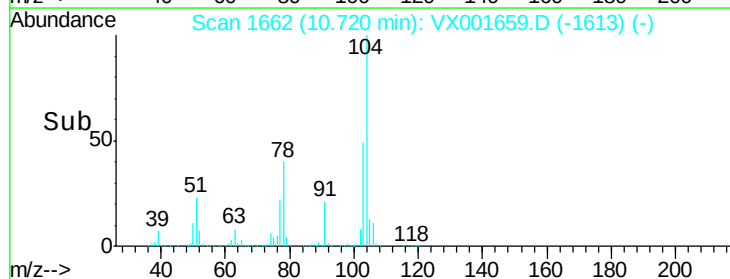
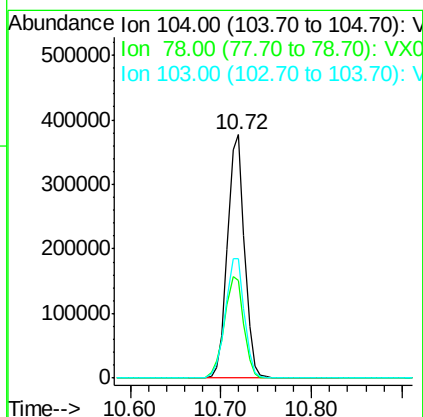
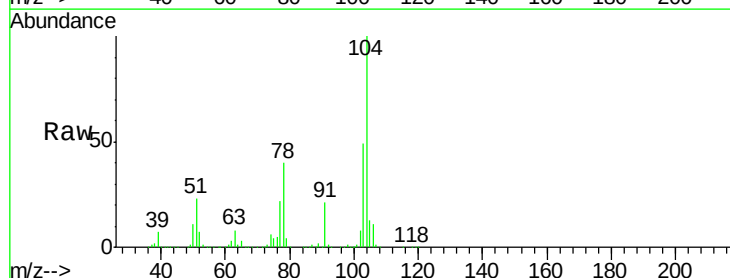
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

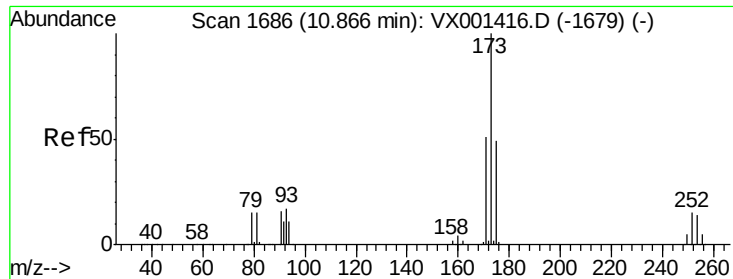
Tgt Ion:106 Resp: 296816
Ion Ratio Lower Upper
106 100
91 207.7 103.1 309.1



#70
Styrene
Concen: 55.15 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

Tgt Ion:104 Resp: 494683
Ion Ratio Lower Upper
104 100
78 47.3 38.6 58.0
103 54.8 44.0 66.0





#71

Bromoform

Concen: 47.88 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

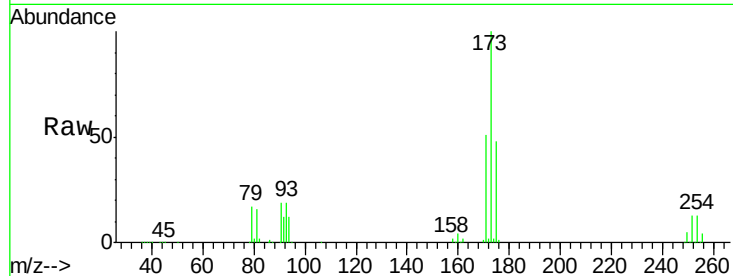
Tgt Ion:173 Resp: 143991

Ion Ratio Lower Upper

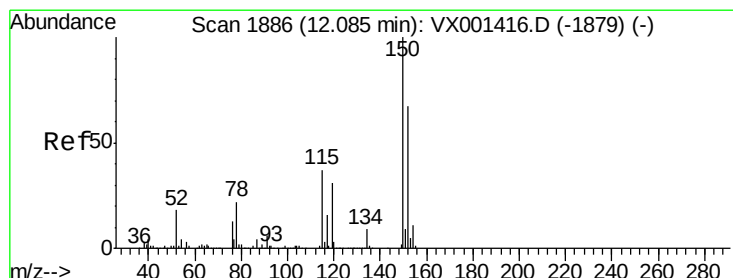
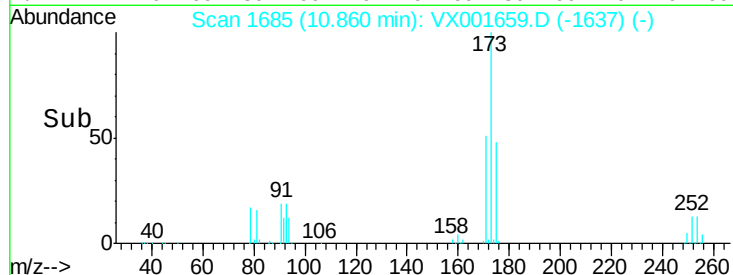
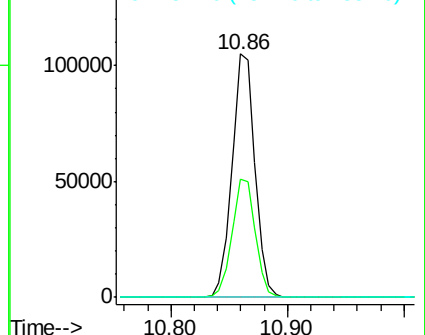
173 100

175 49.1 24.5 73.5

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: VX001659.D

Acq: 12 May 2018 10:39

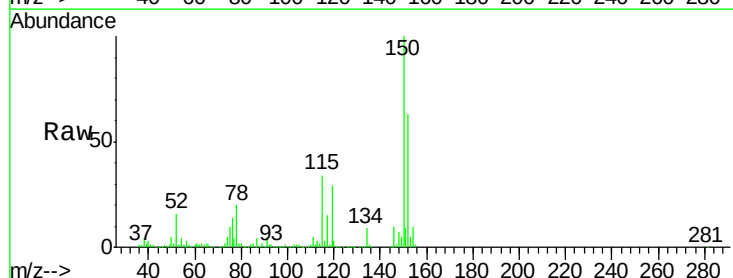
Tgt Ion:152 Resp: 218773

Ion Ratio Lower Upper

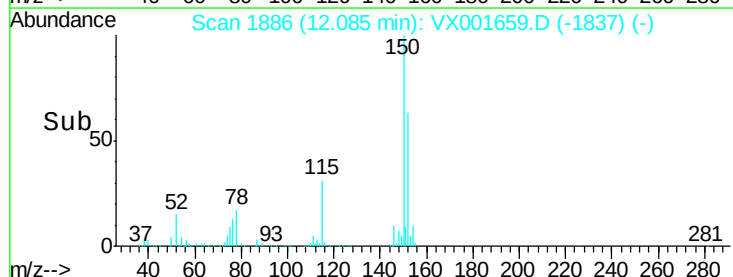
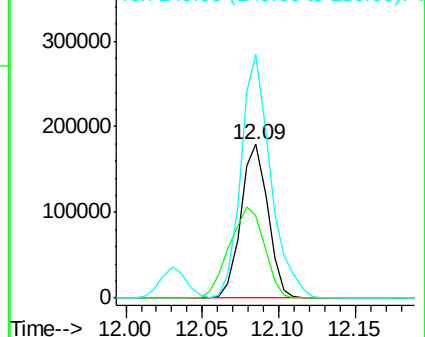
152 100

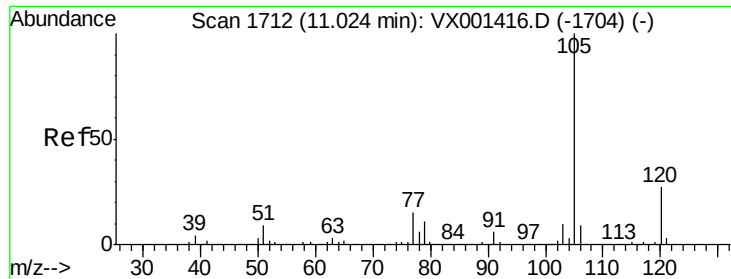
115 77.5 37.7 113.1

150 175.0 0.0 349.4



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: 54.03 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

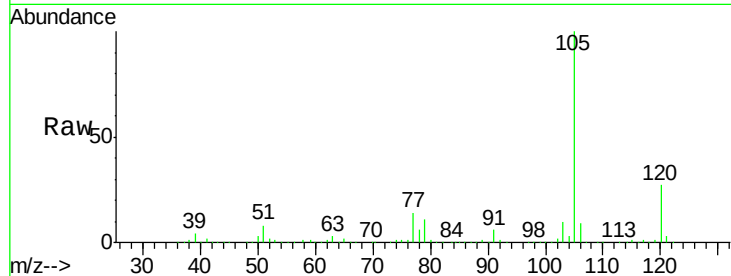
VSTDCCC050

Tgt Ion:105 Resp: 818344

Ion Ratio Lower Upper

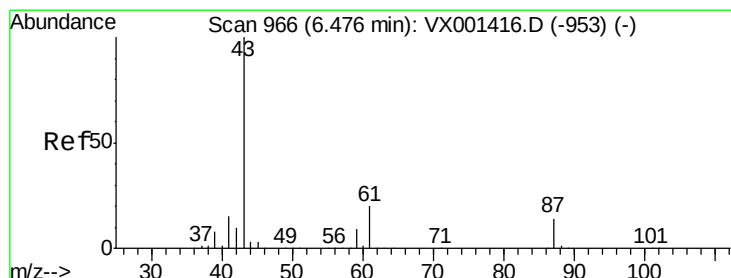
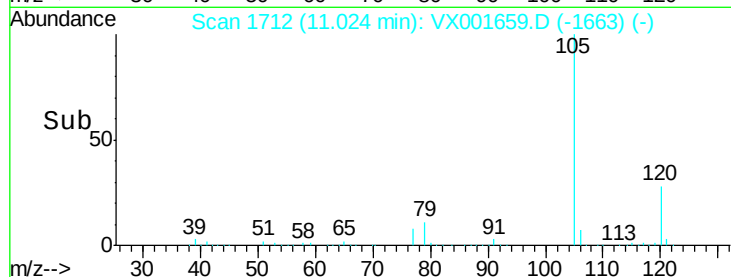
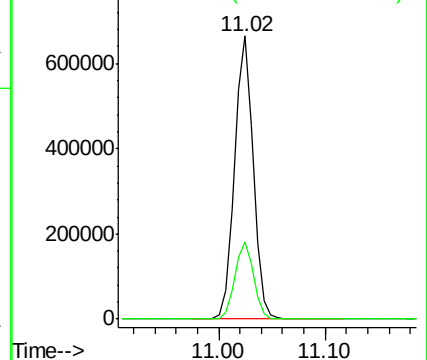
105 100

120 27.5 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: 50.83 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Tgt Ion: 43 Resp: 349628

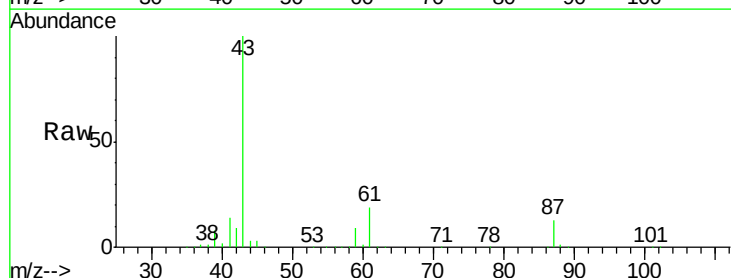
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.5 15.4 23.0

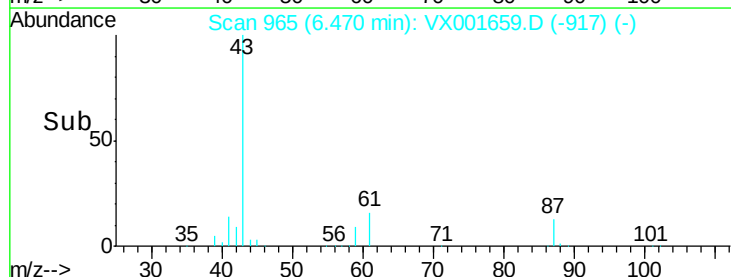
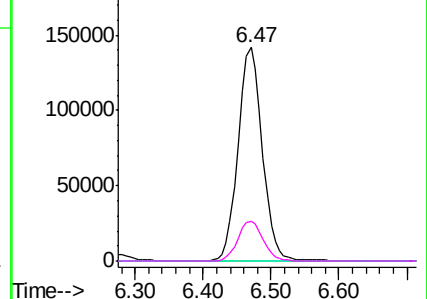


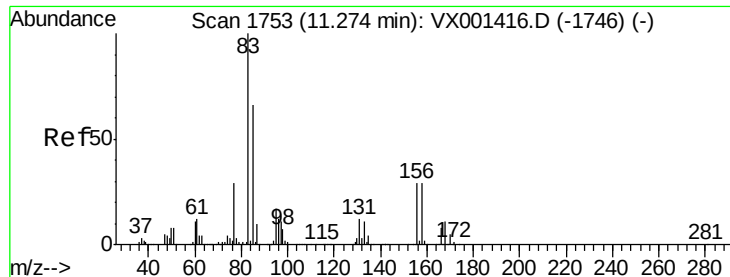
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.15 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

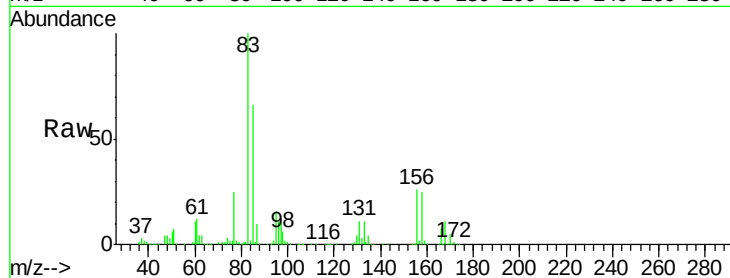
Tgt Ion: 83 Resp: 224330

Ion Ratio Lower Upper

83 100

131 11.6 5.8 17.4

85 65.3 32.7 98.1



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

11.27

200000

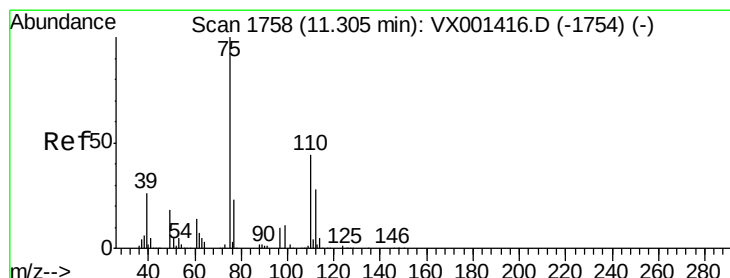
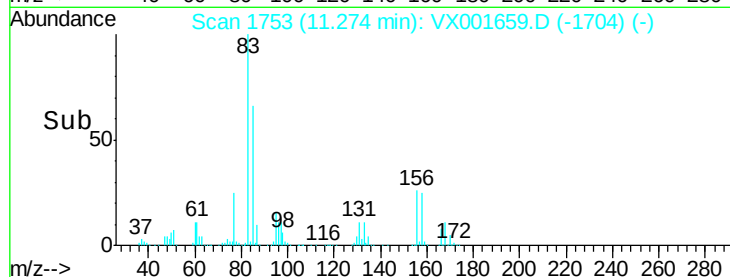
150000

100000

50000

0

Time--> 11.20 11.30



#76

1,2,3-Trichloropropane

Concen: 61.36 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001659.D

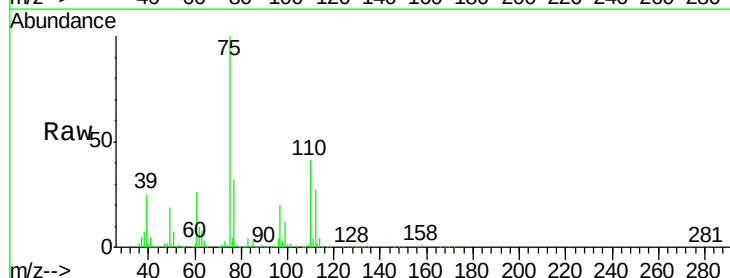
Acq: 12 May 2018 10:39

Tgt Ion: 75 Resp: 272244

Ion Ratio Lower Upper

75 100

77 30.7 19.6 58.7



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

11.30

250000

200000

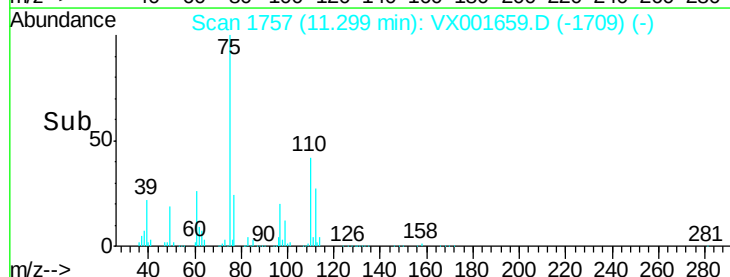
150000

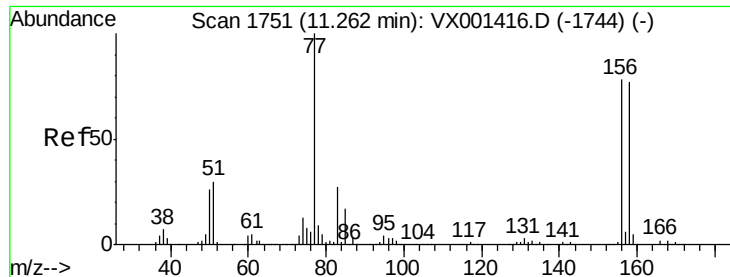
100000

50000

0

Time--> 11.25 11.30 11.35





#77

Bromobenzene

Concen: 51.21 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

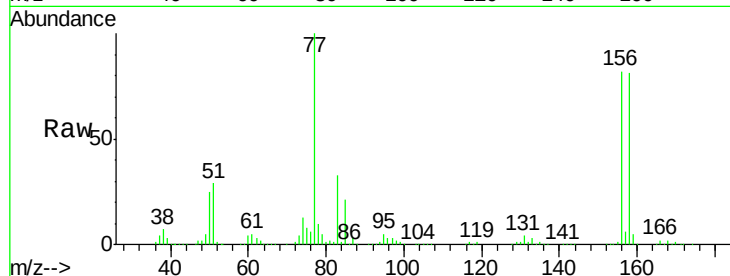
Tgt Ion: 156 Resp: 225491

Ion Ratio Lower Upper

156 100

77 130.8 66.0 198.2

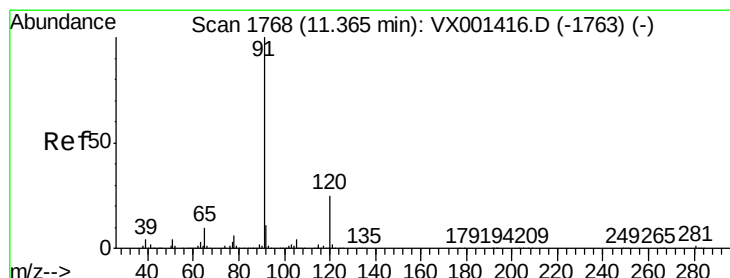
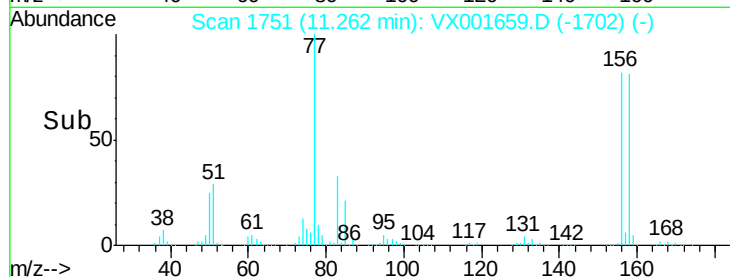
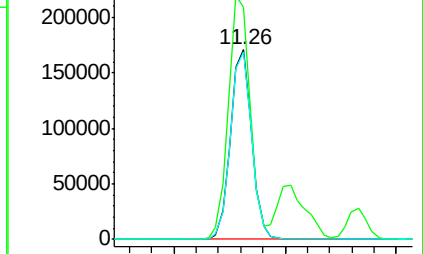
158 98.8 49.4 148.2



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: 56.10 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001659.D

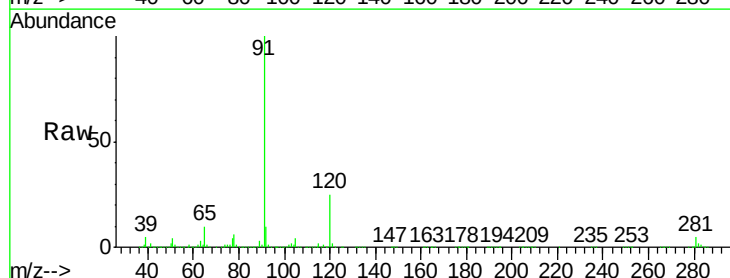
Acq: 12 May 2018 10:39

Tgt Ion: 91 Resp: 925279

Ion Ratio Lower Upper

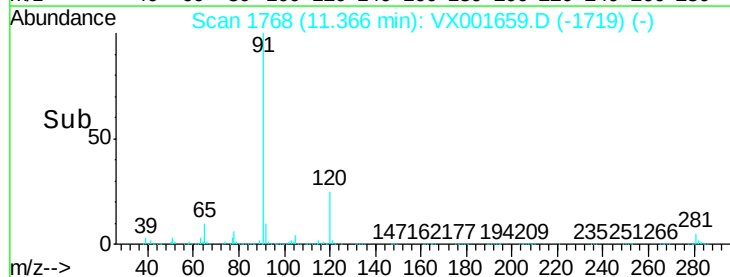
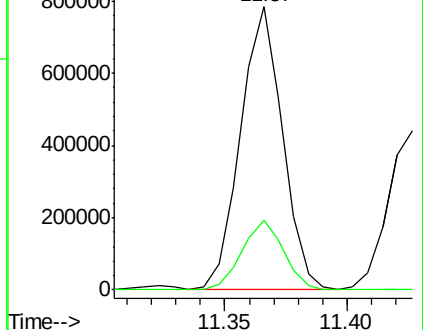
91 100

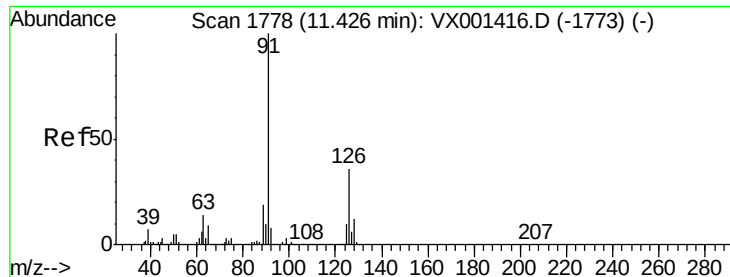
120 24.6 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.16 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

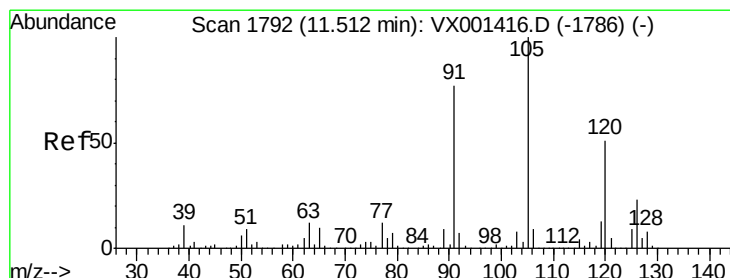
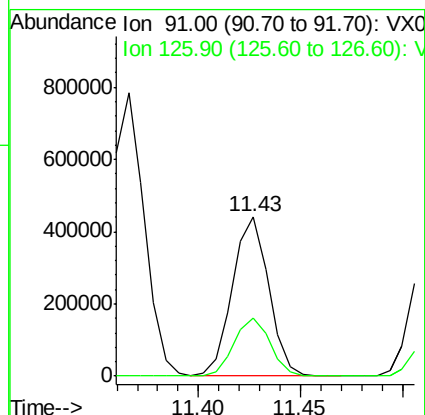
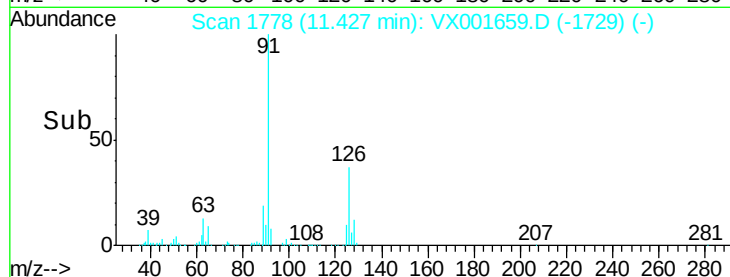
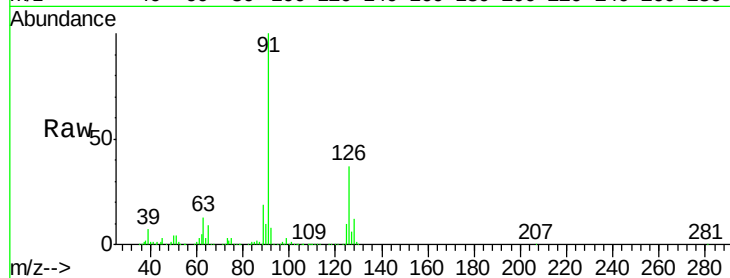
VSTDCCC050

Tgt Ion: 91 Resp: 539553

Ion Ratio Lower Upper

91 100

126 36.6 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 54.22 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001659.D

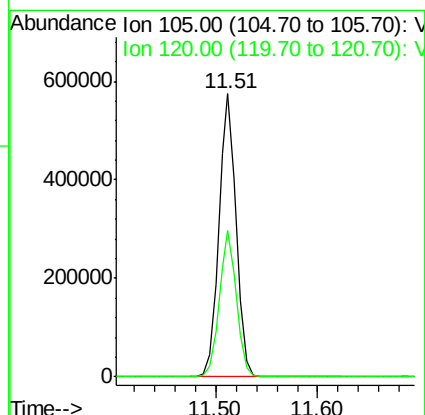
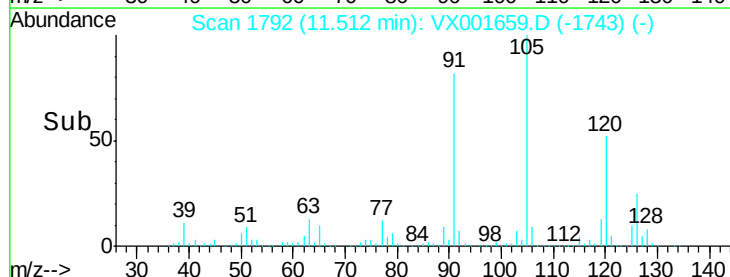
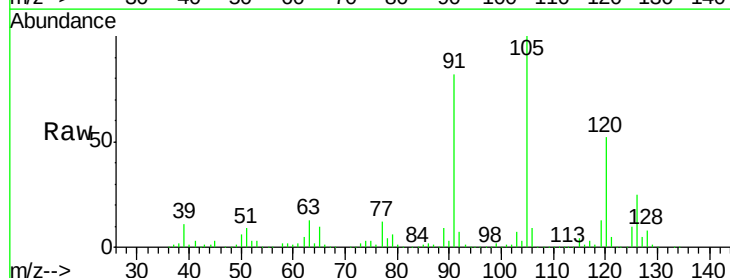
Acq: 12 May 2018 10:39

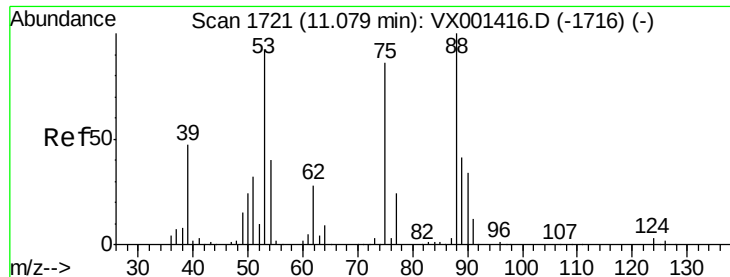
Tgt Ion: 105 Resp: 683738

Ion Ratio Lower Upper

105 100

120 51.2 25.7 77.1





#81

trans-1,4-Dichloro-2-butene

Concen: 47.36 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

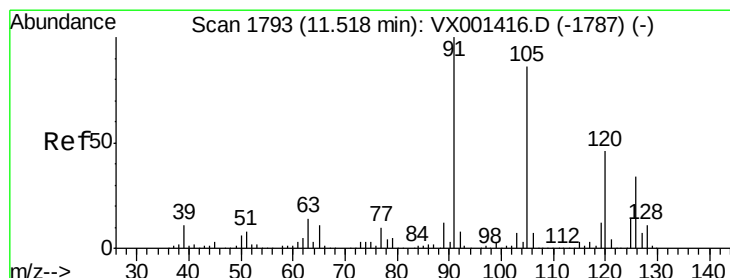
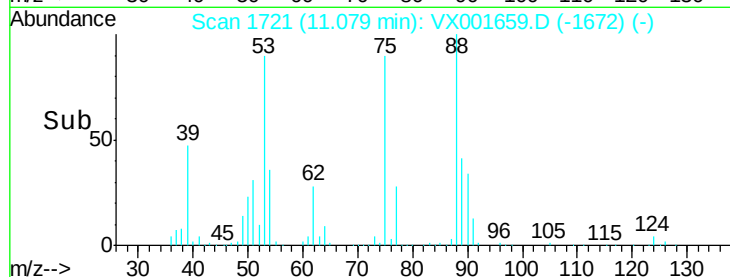
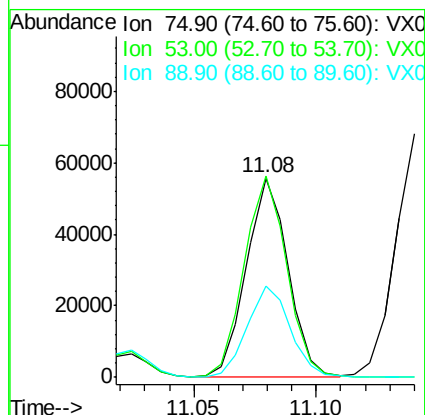
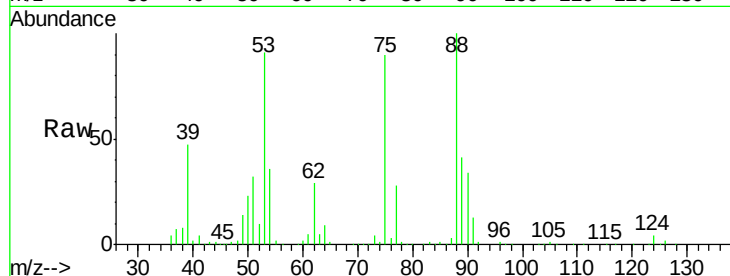
Tgt Ion: 75 Resp: 65559

Ion Ratio Lower Upper

75 100

53 103.7 84.5 126.7

89 48.2 39.5 59.3



#82

4-Chlorotoluene

Concen: 53.53 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001659.D

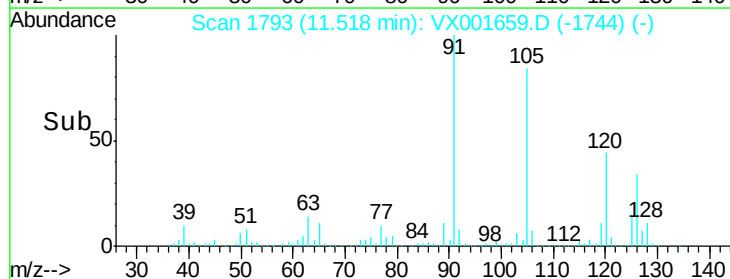
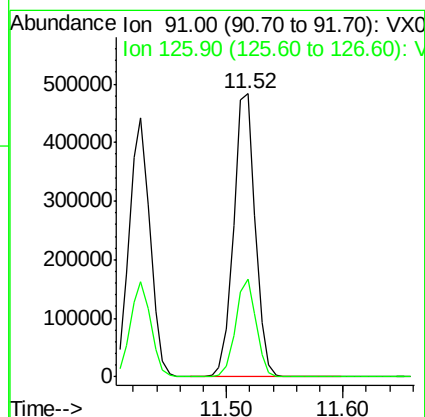
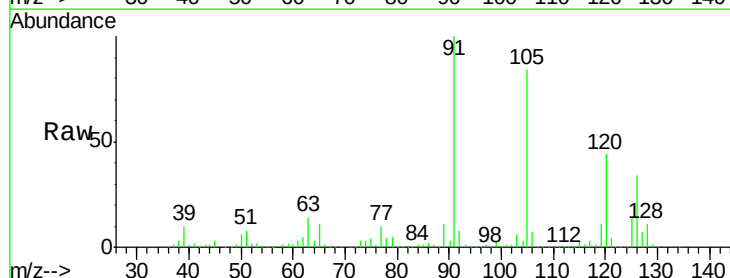
Acq: 12 May 2018 10:39

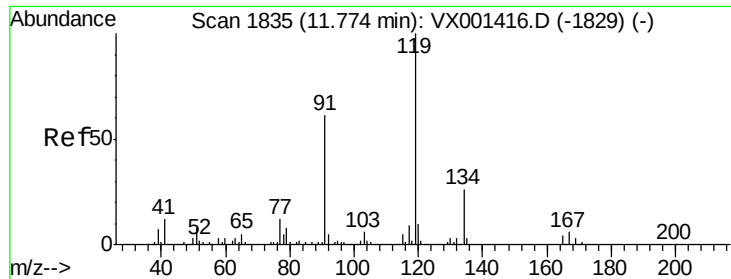
Tgt Ion: 91 Resp: 626718

Ion Ratio Lower Upper

91 100

126 32.7 16.2 48.5

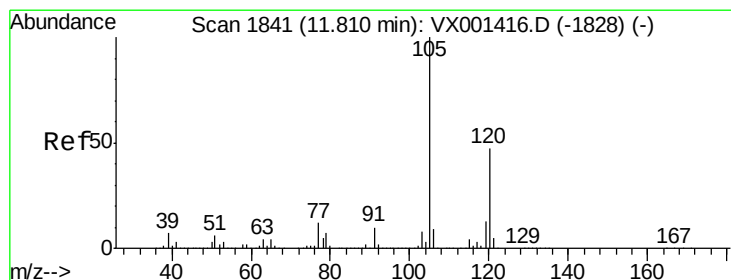
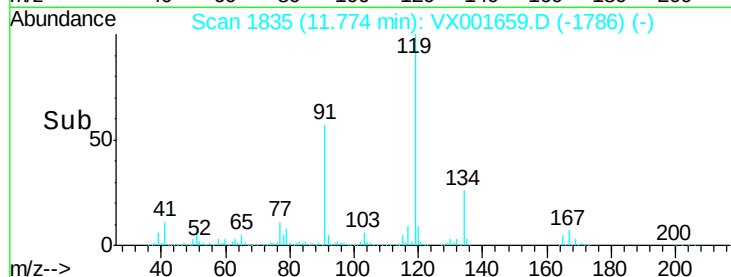
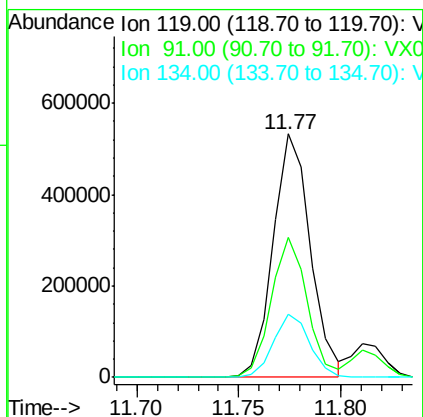
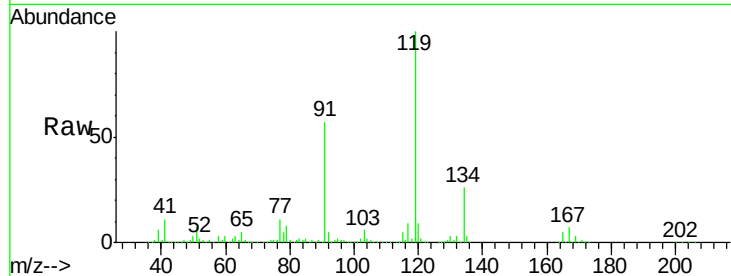




#83
 tert-Butylbenzene
 Concen: 54.05 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001659.D
 Acq: 12 May 2018 10:39

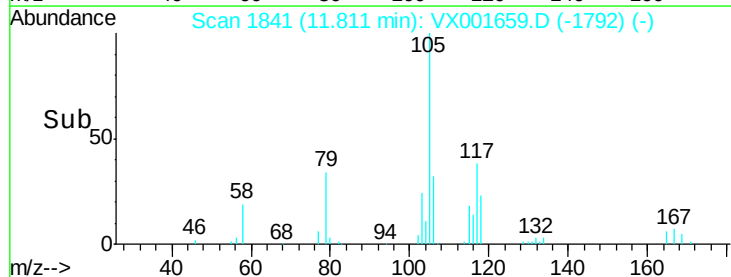
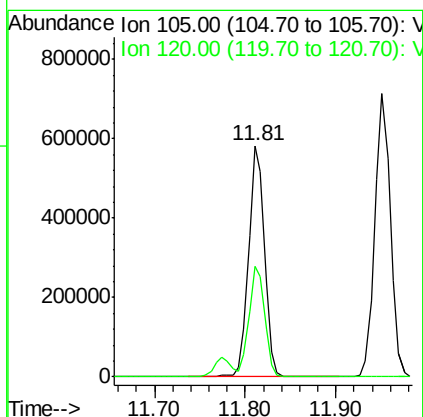
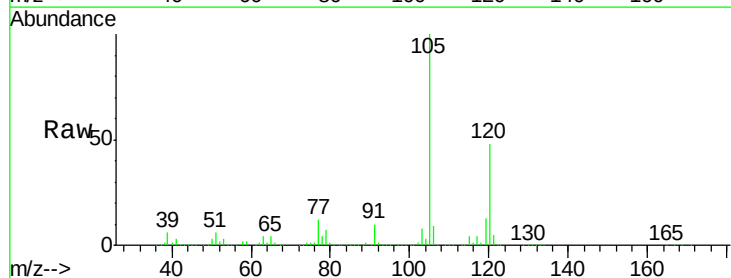
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

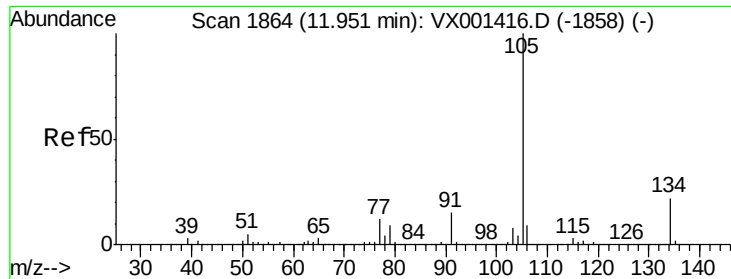
Tgt Ion:119 Resp: 678152
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.8 83.3
 134 25.2 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 54.43 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001659.D
 Acq: 12 May 2018 10:39

Tgt Ion:105 Resp: 705437
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.4 70.2





#85

sec-Butylbenzene

Concen: 56.22 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

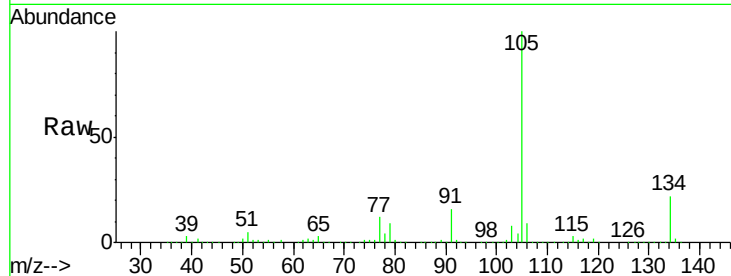
VSTDCCC050

Tgt Ion:105 Resp: 846717

Ion Ratio Lower Upper

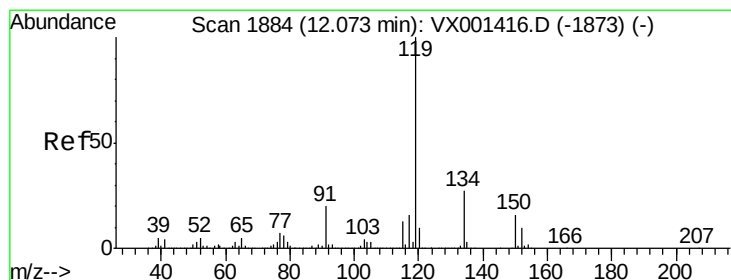
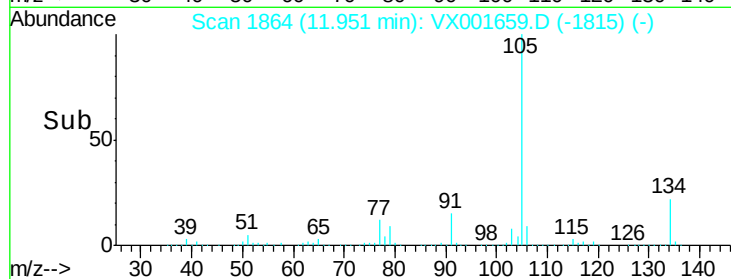
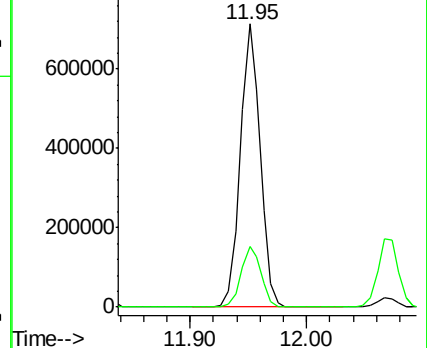
105 100

134 21.6 10.9 32.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.74 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

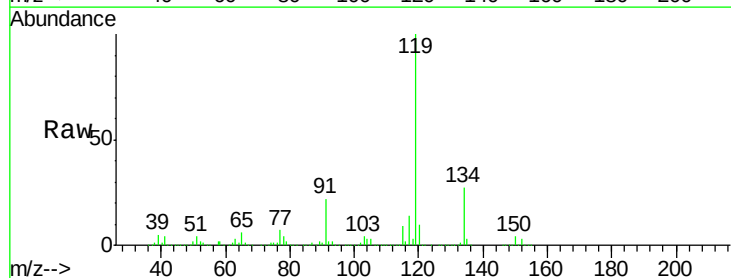
Tgt Ion:119 Resp: 783883

Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

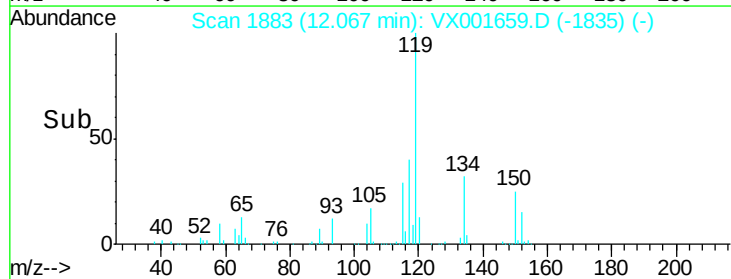
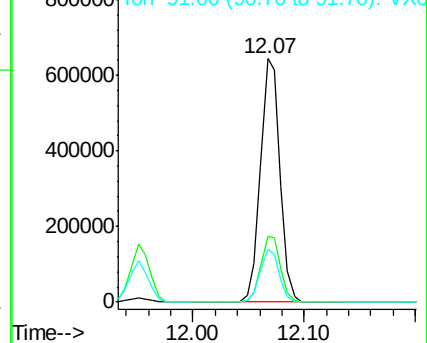
91 21.2 10.8 32.3

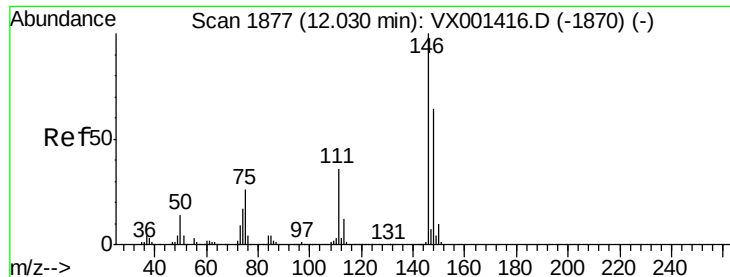


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

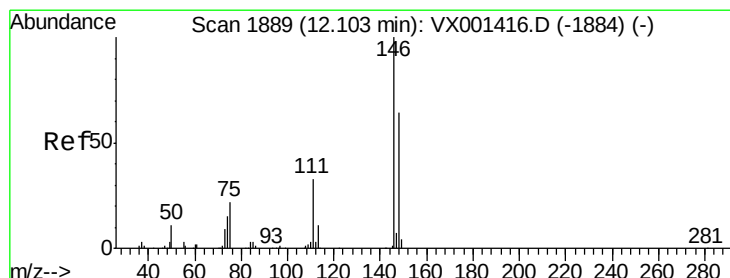
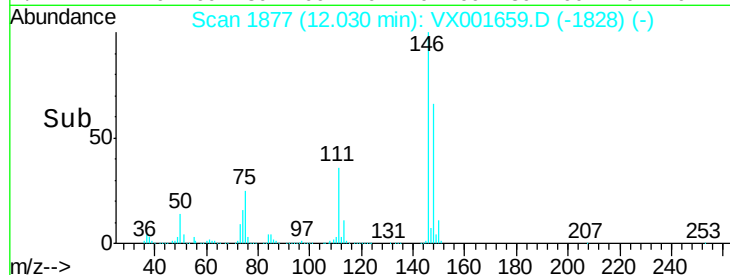
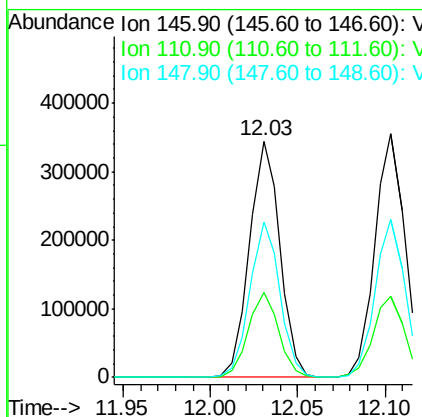
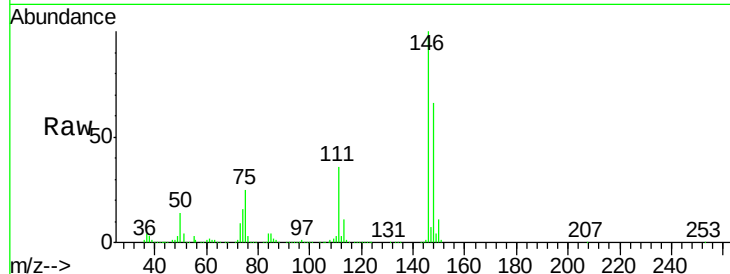




#87
 1,3-Dichlorobenzene
 Concen: 53.00 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001659.D
 Acq: 12 May 2018 10:39

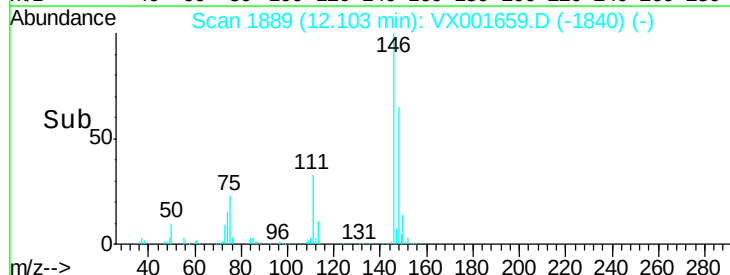
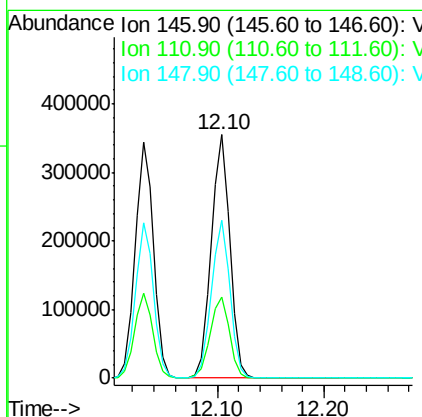
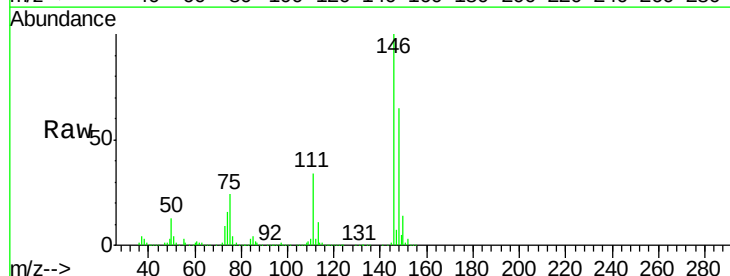
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

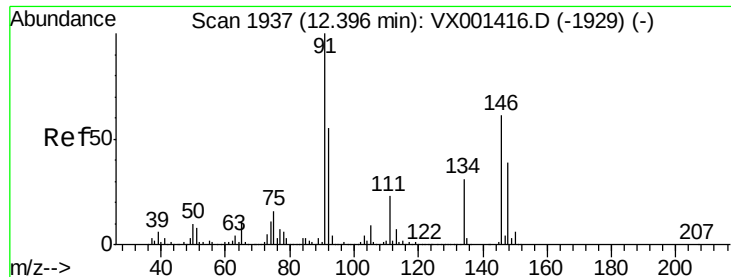
Tgt Ion:146 Resp: 417135
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.1 54.1
 148 64.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 52.71 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001659.D
 Acq: 12 May 2018 10:39

Tgt Ion:146 Resp: 423188
 Ion Ratio Lower Upper
 146 100
 111 34.6 17.4 52.3
 148 64.5 32.2 96.6

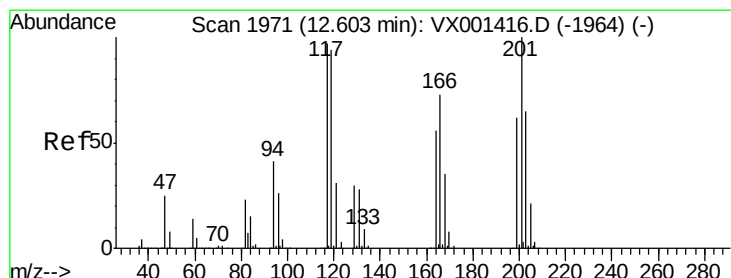
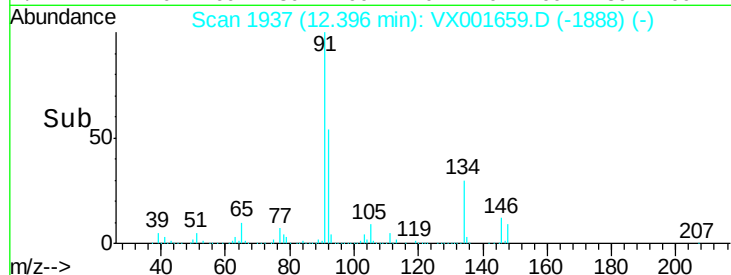
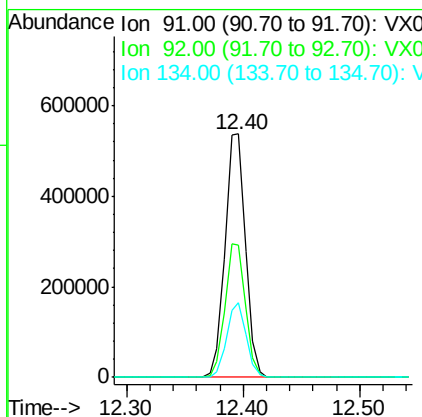
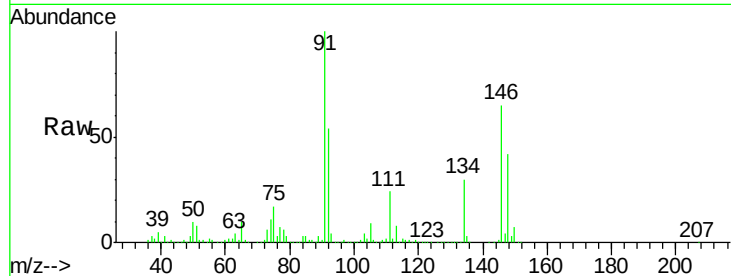




#89
n-Butylbenzene
Concen: 57.02 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

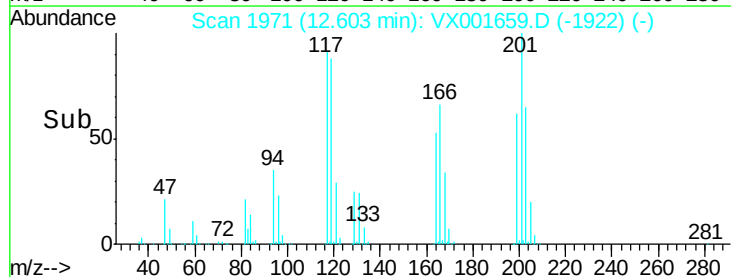
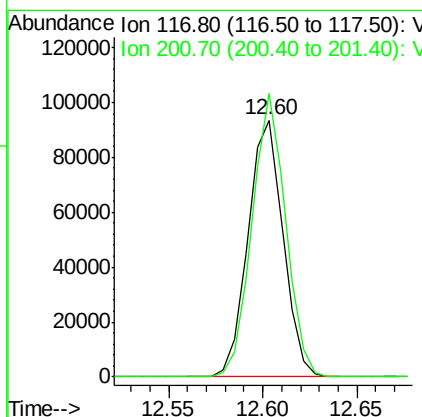
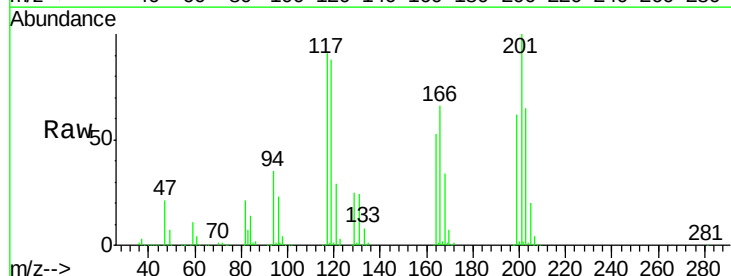
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

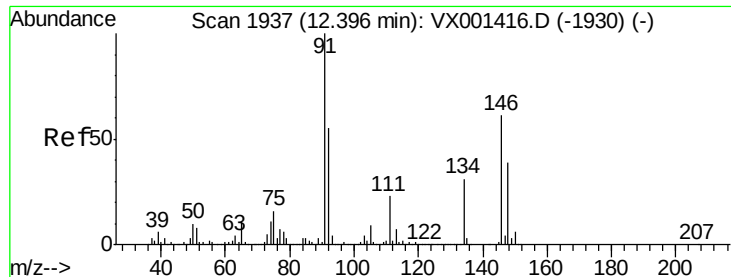
Tgt Ion: 91 Resp: 652735
Ion Ratio Lower Upper
91 100
92 54.6 27.2 81.5
134 29.2 14.6 44.0



#90
Hexachloroethane
Concen: 58.01 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001659.D
Acq: 12 May 2018 10:39

Tgt Ion: 117 Resp: 120676
Ion Ratio Lower Upper
117 100
201 105.6 51.5 154.5





#91

1,2-Dichlorobenzene

Concen: 52.96 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

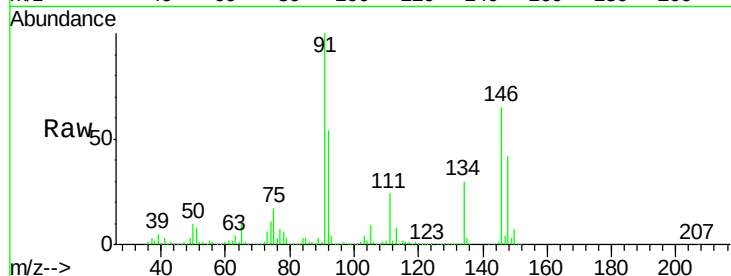
Tgt Ion:146 Resp: 424074

Ion Ratio Lower Upper

146 100

111 37.2 18.6 55.8

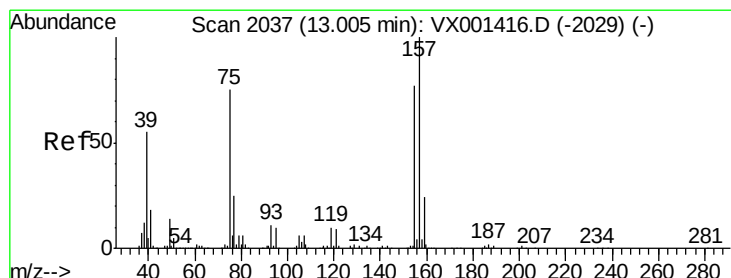
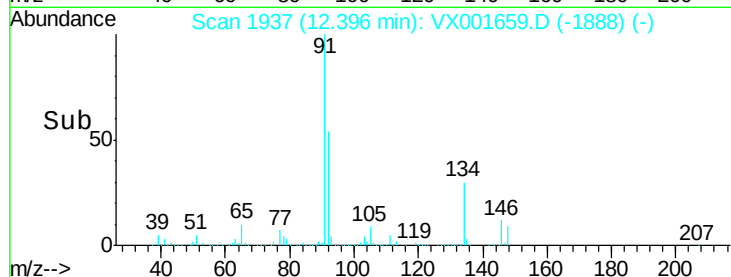
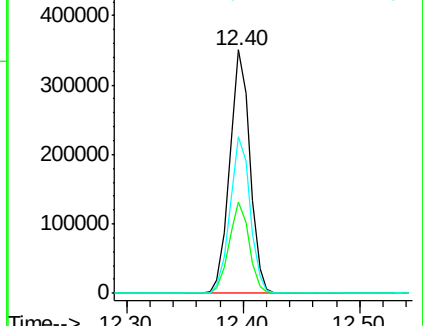
148 64.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.19 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

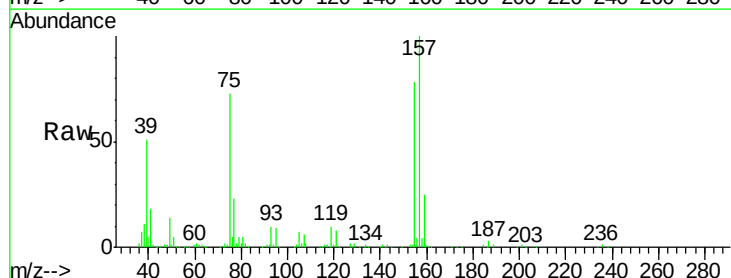
Tgt Ion: 75 Resp: 51295

Ion Ratio Lower Upper

75 100

155 106.2 53.4 160.2

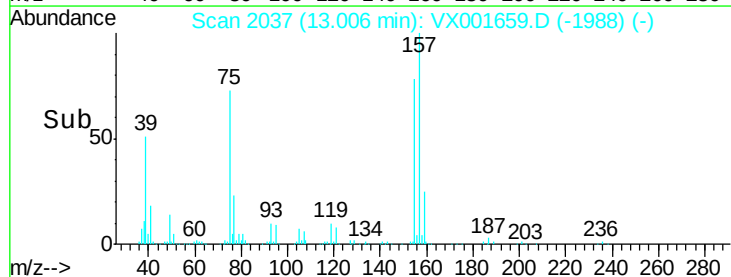
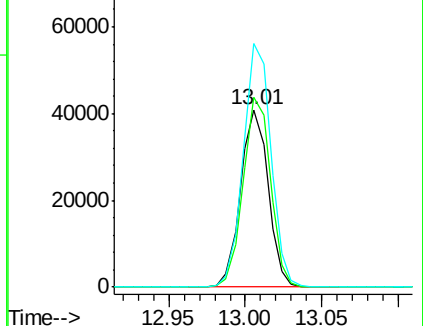
157 137.4 68.3 204.8

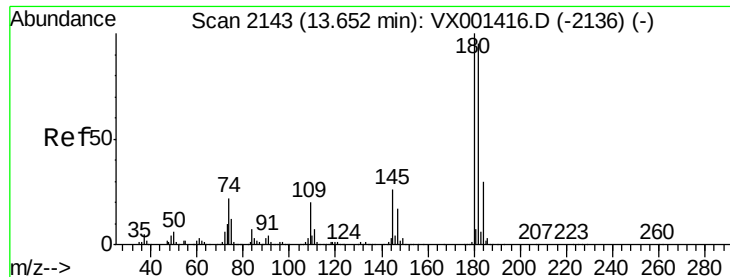


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

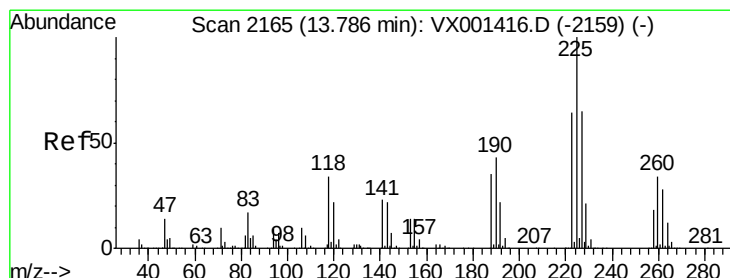
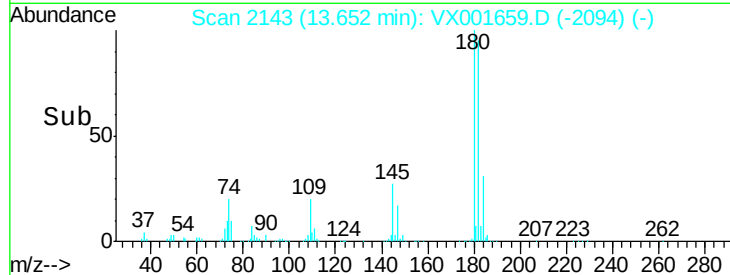
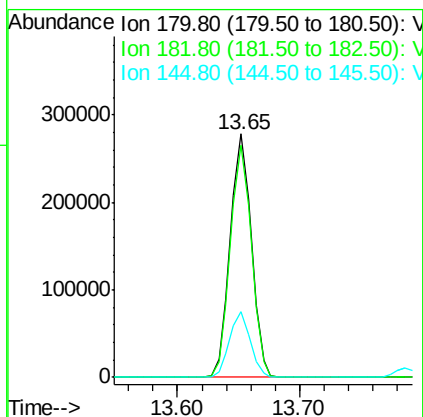
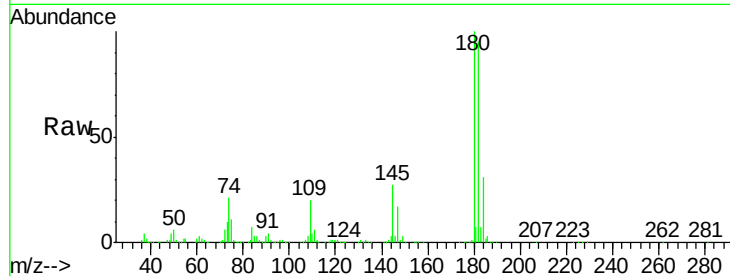




#93
 1,2,4-Trichlorobenzene
 Concen: 56.65 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001659.D
 Acq: 12 May 2018 10:39

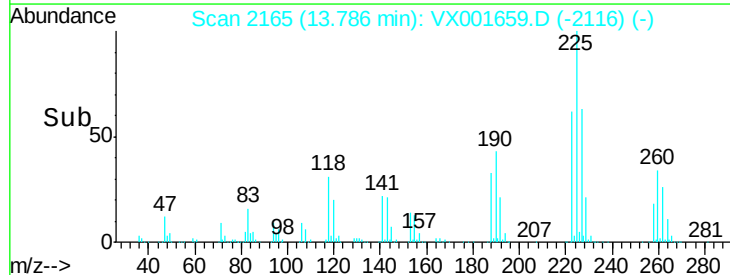
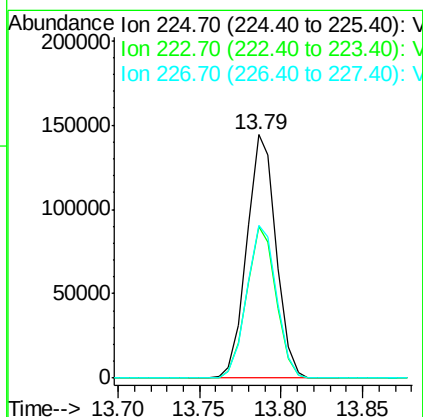
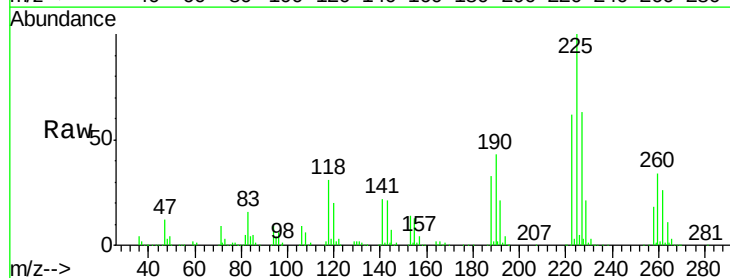
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

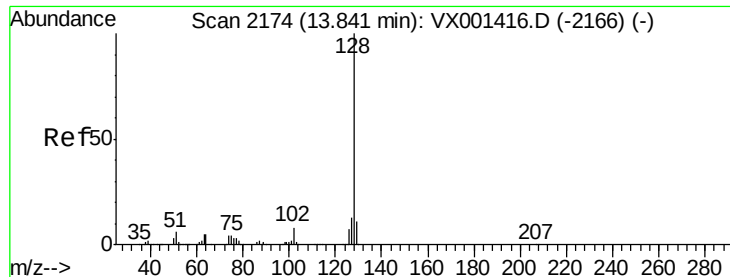
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.4
145	26.7	13.3	39.9



#94
 Hexachlorobutadiene
 Concen: 56.19 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001659.D
 Acq: 12 May 2018 10:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.3	93.9
227	63.9	32.4	97.2





#95

Naphthalene

Concen: 53.95 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

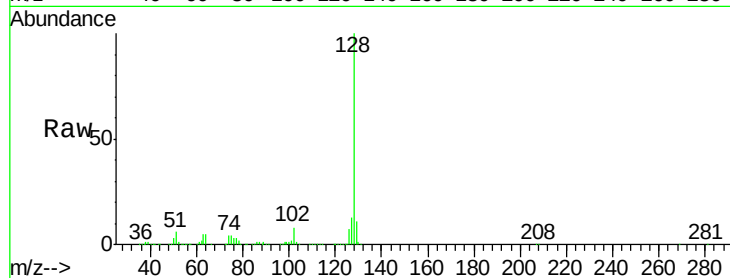
Tgt Ion:128 Resp: 874370

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

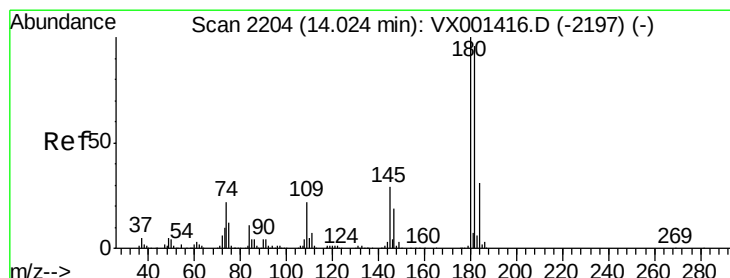
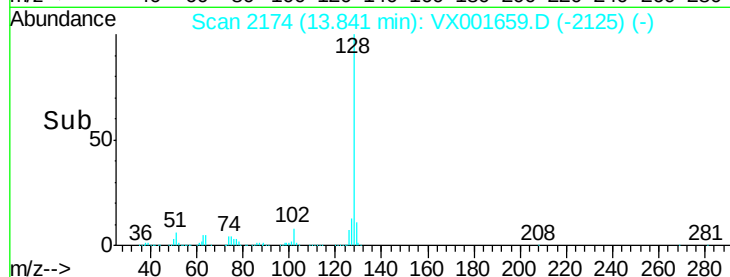
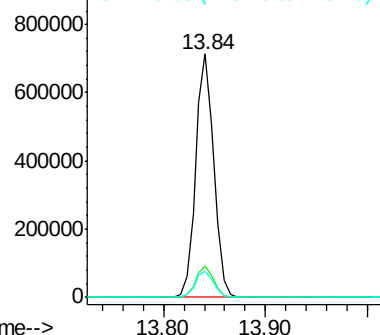
129 10.9 8.7 13.1



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: 55.01 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001659.D

Acq: 12 May 2018 10:39

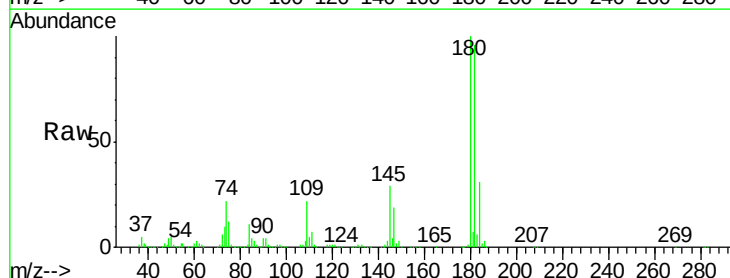
Tgt Ion:180 Resp: 330782

Ion Ratio Lower Upper

180 100

182 96.4 48.0 144.2

145 28.1 14.1 42.4



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

