

Data File : VX001871.D

Acq On : 21 May 2018 11:02

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 22 01:45:08 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:36:22 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	302347	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	375288	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216532	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	177777	43.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.74%	
35) Dibromofluoromethane	5.50	113	163505	51.63	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	8.72	98	614607	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
62) 4-Bromofluorobenzene	11.14	95	201519	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	140158	46.19	ug/l	100
3) Chloromethane	1.32	50	167047	50.97	ug/l	99
4) Vinyl Chloride	1.40	62	174083	49.13	ug/l	100
5) Bromomethane	1.63	94	59734	39.38	ug/l	94
6) Chloroethane	1.70	64	57517	25.77	ug/l	99
7) Trichlorofluoromethane	1.90	101	243906	47.37	ug/l	100
8) Diethyl Ether	2.19	74	105325	49.69	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	160700	51.84	ug/l	98
10) Methyl Iodide	2.50	142	205324	72.00	ug/l	98
11) Tert butyl alcohol	3.14	59	198551	275.96	ug/l	98
12) 1,1-Dichloroethene	2.36	96	138814	46.45	ug/l	99
13) Acrolein	2.30	56	45985	90.11	ug/l	99
14) Allyl chloride	2.71	41	275772	49.92	ug/l	97
15) Acrylonitrile	3.16	53	447939	247.87	ug/l	99
16) Acetone	2.46	43	370620	232.84	ug/l	100
17) Carbon Disulfide	2.55	76	316273	40.57	ug/l	99
18) Methyl Acetate	2.79	43	252247	54.21	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	503774	50.02	ug/l	99
20) Methylene Chloride	2.85	84	165189	48.48	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	150320	45.66	ug/l	98
22) Diisopropyl ether	3.88	45	545436	51.47	ug/l	97
23) Vinyl Acetate	3.82	43	1795598	235.19	ug/l	99
24) 1,1-Dichloroethane	3.69	63	289480	49.81	ug/l	99
25) 2-Butanone	4.73	43	627717	257.58	ug/l	96
26) 2,2-Dichloropropane	4.58	77	247294	52.86	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	188302	50.27	ug/l	98
28) Bromochloromethane	5.02	49	138549	53.67	ug/l	98
29) Tetrahydrofuran	5.18	42	396671	249.71	ug/l	99
30) Chloroform	5.21	83	307600	50.39	ug/l	98
31) Cyclohexane	5.56	56	265293	52.08	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	266563	50.53	ug/l	99
36) 1,1-Dichloropropene	5.79	75	222573	51.52	ug/l	99
37) Ethyl Acetate	4.87	43	236738	52.58	ug/l	99
38) Carbon Tetrachloride	5.78	117	242155	53.51	ug/l	100

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ClientSampleId :
VSTDCCC050

Quant Time: May 22 01:45:08 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M

Quant Title : SW846 8260

QLast Update : Tue May 15 01:36:22 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	289819	57.42	ug/l	99
40) Benzene	6.14	78	698844	54.90	ug/l	99
41) Methacrylonitrile	5.07	41	137939	52.98	ug/l	98
42) 1,2-Dichloroethane	6.20	62	231603	50.31	ug/l	98
43) Isopropyl Acetate	6.48	43	374999	53.22	ug/l	98
44) Trichloroethene	7.21	130	205213	51.94	ug/l	98
45) 1,2-Dichloropropane	7.52	63	180530	57.80	ug/l	98
46) Dibromomethane	7.67	93	115311	52.58	ug/l	97
47) Bromodichloromethane	7.90	83	228380	56.12	ug/l	97
48) Methyl methacrylate	7.79	41	205108	55.30	ug/l	95
49) 1,4-Dioxane	7.77	88	94454	1322.62	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1331357	298.14	ug/l	97
52) Toluene	8.79	92	460331	56.28	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	275966	57.63	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	246561	58.42	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	185925	59.47	ug/l	98
56) Ethyl methacrylate	9.19	69	275240	62.08	ug/l	97
57) 1,3-Dichloropropane	9.38	76	271274	51.83	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	584029	256.08	ug/l	99
59) 2-Hexanone	9.51	43	906331	283.52	ug/l	99
60) Dibromochloromethane	9.59	129	171253	53.49	ug/l	100
61) 1,2-Dibromoethane	9.68	107	161185	49.25	ug/l	100
64) Tetrachloroethene	9.34	164	205008	53.37	ug/l	96
65) Chlorobenzene	10.14	112	437544	53.91	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	170424	59.45	ug/l	99
67) Ethyl Benzene	10.26	91	725736	55.95	ug/l	100
68) m/p-Xylenes	10.37	106	583788	114.07	ug/l	99
69) o-Xylene	10.70	106	286591	58.47	ug/l	100
70) Styrene	10.72	104	484730	59.97	ug/l	100
71) Bromoform	10.87	173	154403	57.41	ug/l	99
73) Isopropylbenzene	11.02	105	783883	54.97	ug/l	99
74) N-amyl acetate	6.48	43	374999	54.85	ug/l	# 97
75) 1,1,2,2-Tetrachloroethane	11.27	83	254876	59.58	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	291730	70.85	ug/l	90
77) Bromobenzene	11.26	156	225032	53.70	ug/l	98
78) n-propylbenzene	11.37	91	872403	54.30	ug/l	100
79) 2-Chlorotoluene	11.43	91	525433	54.69	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	680663	58.18	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	74106	53.39	ug/l	96
82) 4-Chlorotoluene	11.52	91	616224	54.44	ug/l	100
83) tert-Butylbenzene	11.77	119	720859	61.92	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	718021	59.27	ug/l	100
85) sec-Butylbenzene	11.95	105	837436	58.27	ug/l	100
86) p-Isopropyltoluene	12.07	119	787036	59.19	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	428044	55.24	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	429259	53.57	ug/l	99
89) n-Butylbenzene	12.40	91	628998	54.69	ug/l	99
90) Hexachloroethane	12.60	117	131710	63.78	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	444656	57.59	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55044	60.29	ug/l	98

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX052118\
Quantitation Report (Not Reviewed)

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VSTDCCC050

Quant Time: May 22 01:45:08 2018
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Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

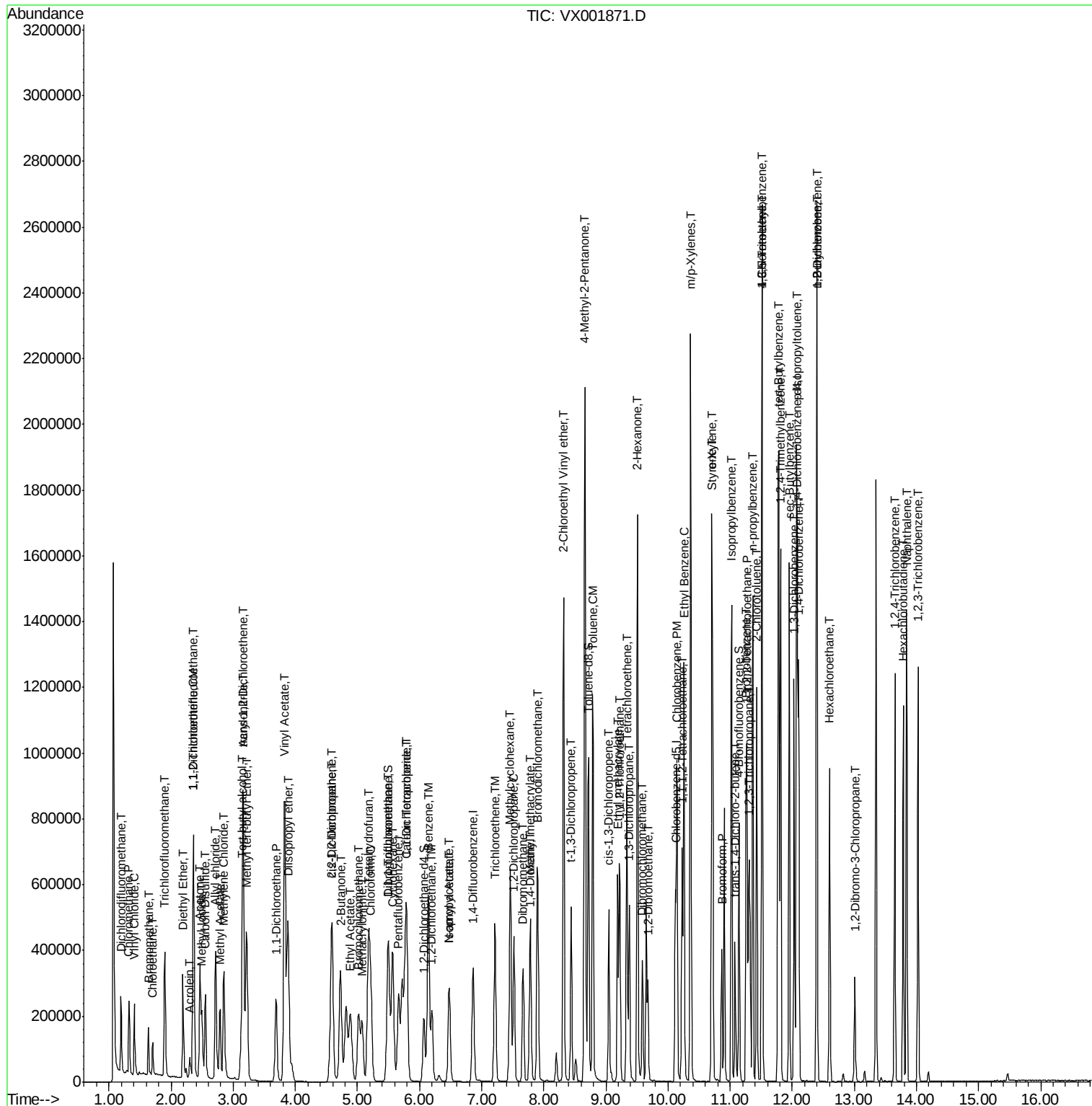
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	337975	54.92	ug/l	100
94) Hexachlorobutadiene	13.79	225	192938	58.39	ug/l	99
95) Naphthalene	13.84	128	917286	57.34	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	349117	56.33	ug/l	100

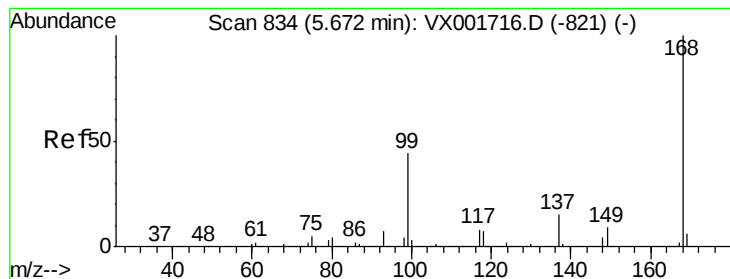
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 2 Sample Multiplier: 1

VSTDCCC050

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

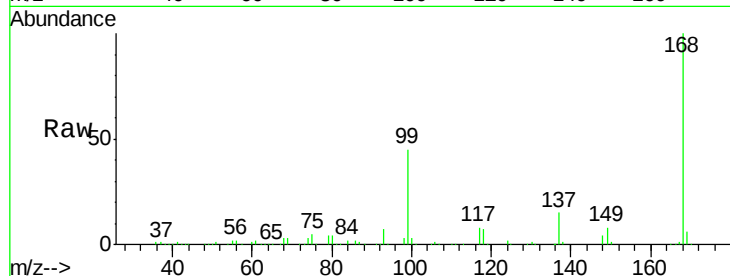
VSTDCCC050

Tgt Ion:168 Resp: 302347

Ion Ratio Lower Upper

168 100

99 44.5 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

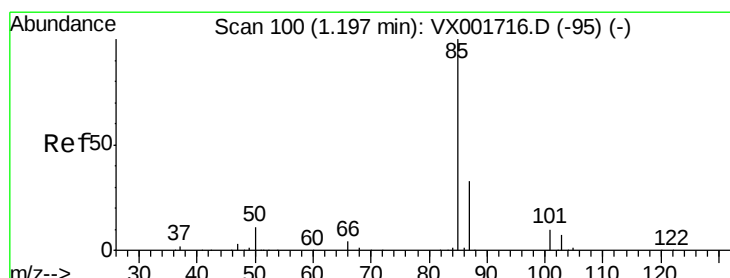
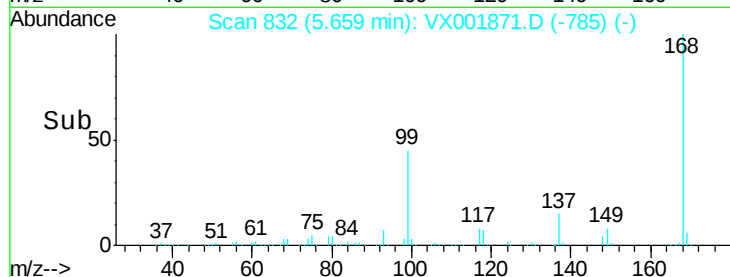
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.19 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX001871.D

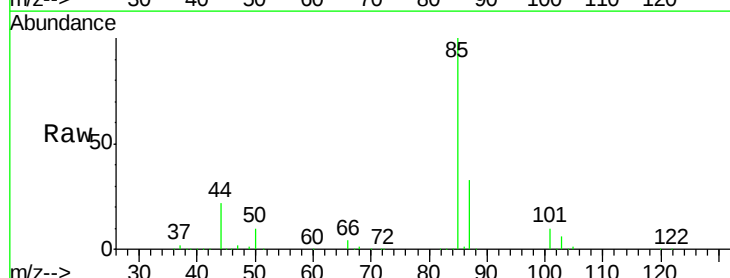
Acq: 21 May 2018 11:02

Tgt Ion: 85 Resp: 140158

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

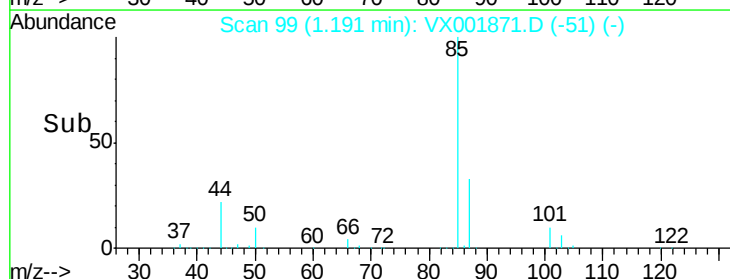
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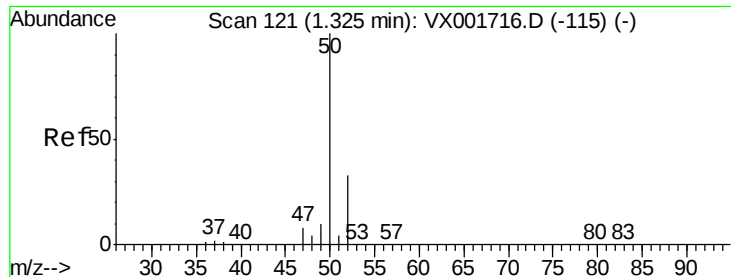
100000

50000

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Time-->





#3

Chloromethane

Concen: 50.97 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

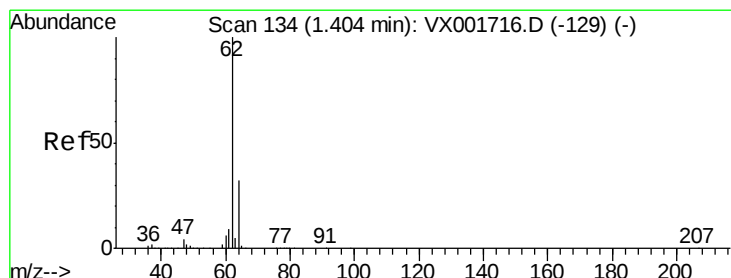
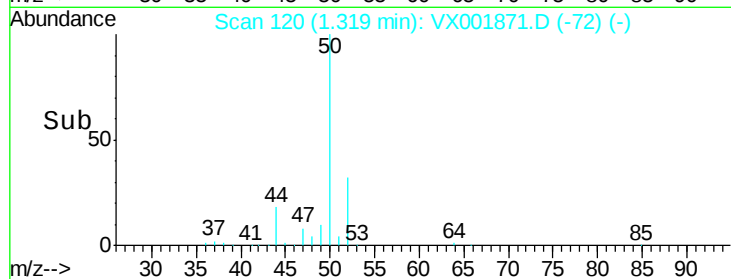
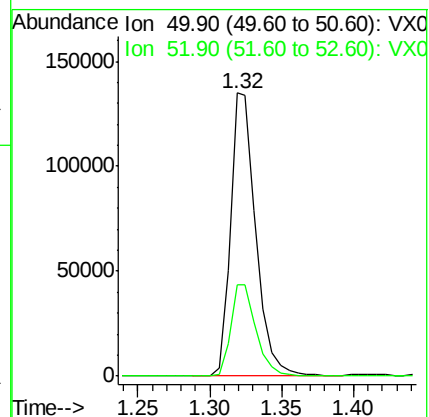
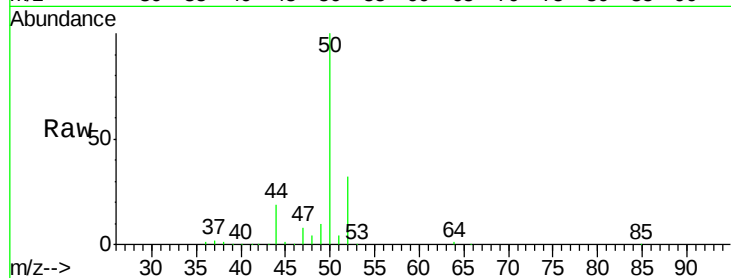
VSTDCCC050

Tgt Ion: 50 Resp: 167047

Ion Ratio Lower Upper

50 100

52 32.1 26.3 39.5



#4

Vinyl Chloride

Concen: 49.13 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001871.D

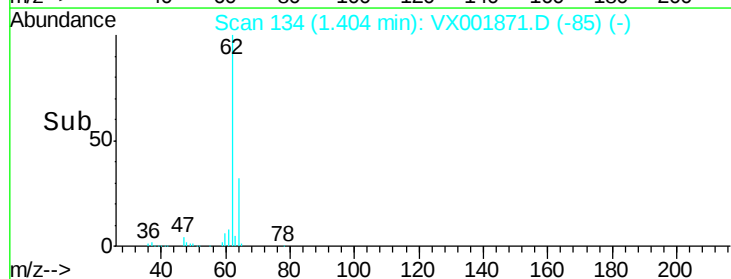
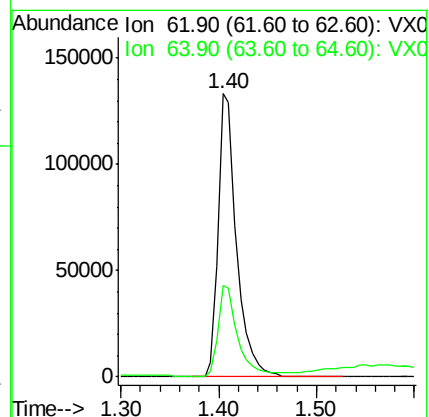
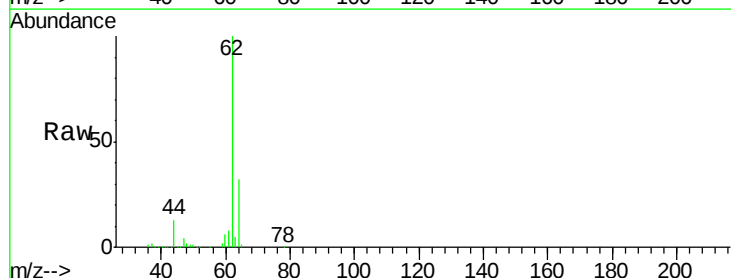
Acq: 21 May 2018 11:02

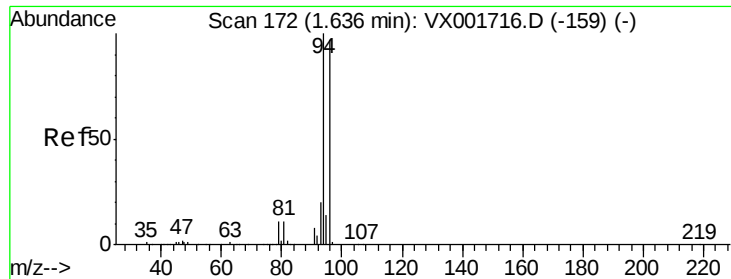
Tgt Ion: 62 Resp: 174083

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 39.38 ug/l

RT: 1.63 min Scan# 171

Delta R.T. -0.01 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

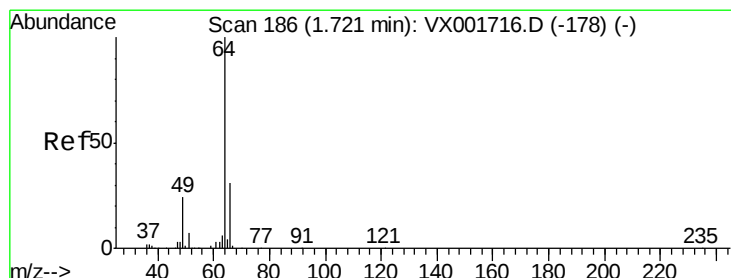
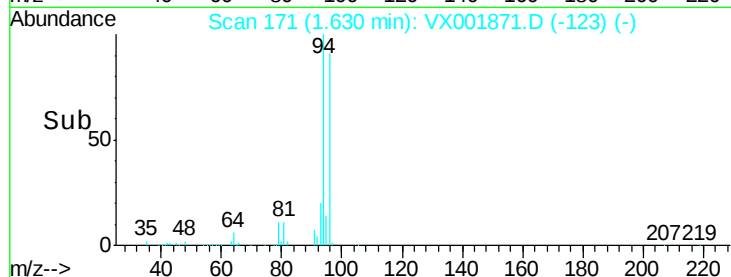
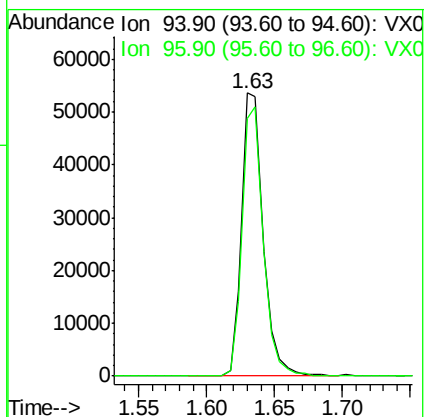
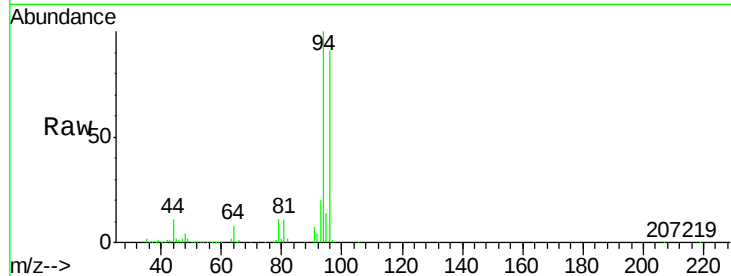
VSTDCCC050

Tgt Ion: 94 Resp: 59734

Ion Ratio Lower Upper

94 100

96 91.3 77.4 116.0



#6

Chloroethane

Concen: 25.77 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX001871.D

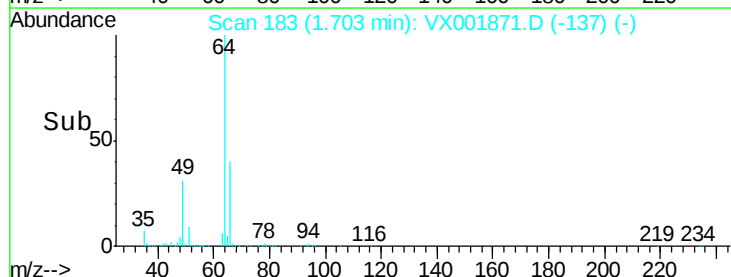
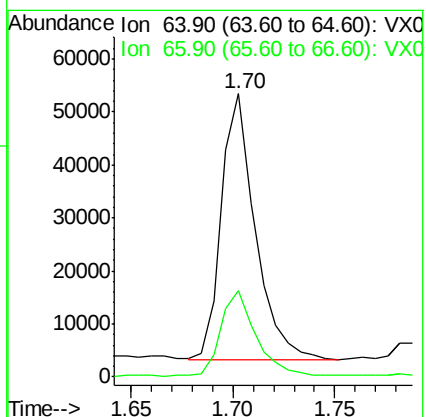
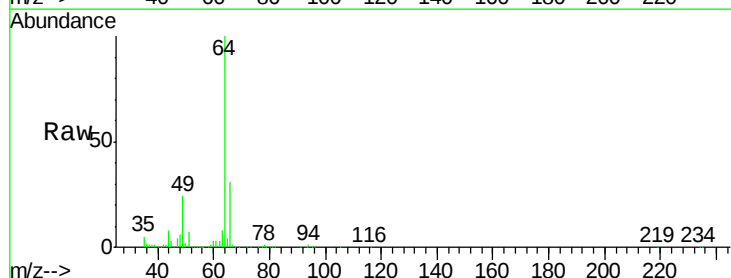
Acq: 21 May 2018 11:02

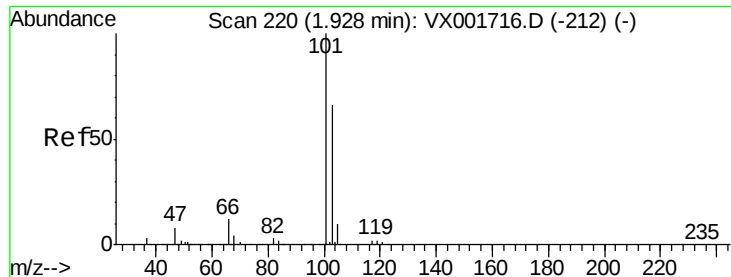
Tgt Ion: 64 Resp: 57517

Ion Ratio Lower Upper

64 100

66 32.2 25.2 37.8



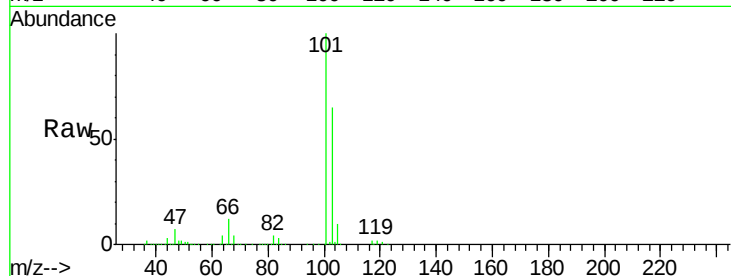


#7

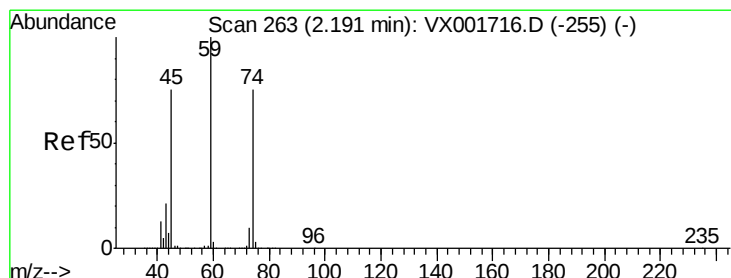
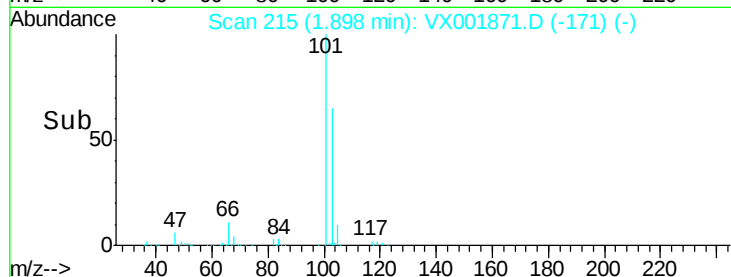
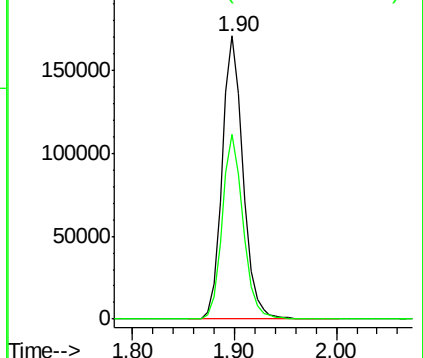
Trichlorofluoromethane
Concen: 47.37 ug/l
RT: 1.90 min Scan# 215
Delta R.T. -0.03 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 243906
Ion Ratio Lower Upper
101 100
103 65.4 52.6 78.8



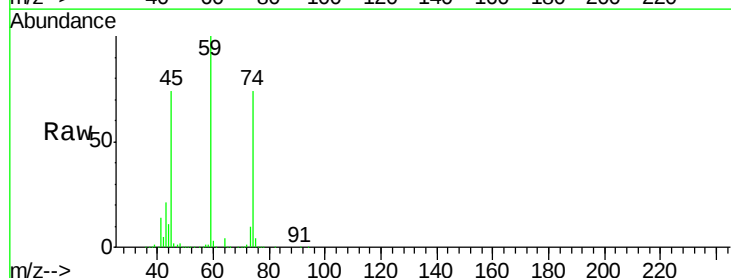
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



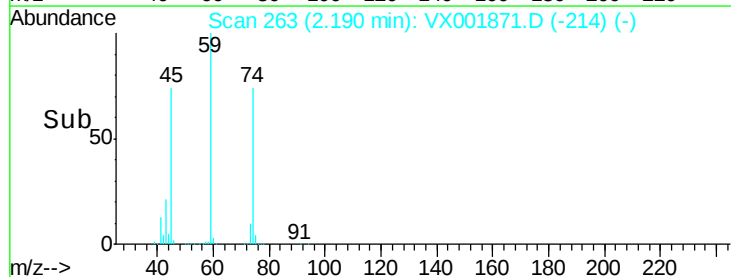
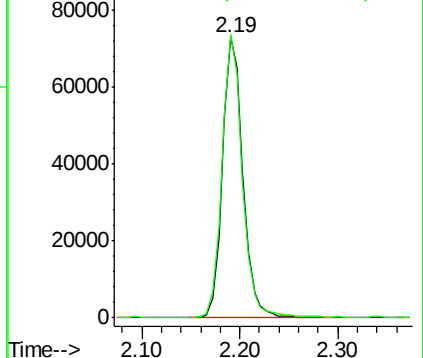
#8

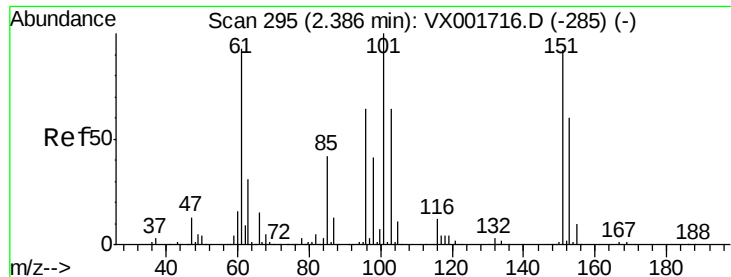
Diethyl Ether
Concen: 49.69 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Tgt Ion: 74 Resp: 105325
Ion Ratio Lower Upper
74 100
45 100.2 50.0 149.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.84 ug/l

RT: 2.36 min Scan# 291

Delta R.T. -0.02 min

Lab File: VX001871.D

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Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

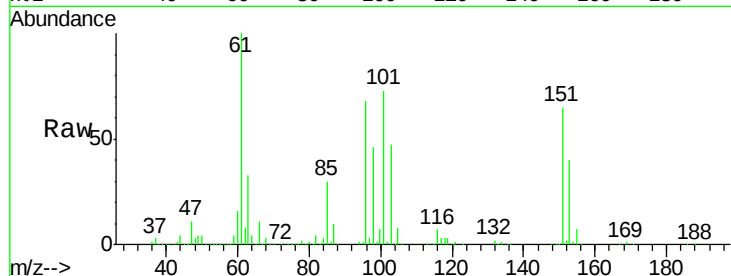
Tgt Ion:101 Resp: 160700

Ion Ratio Lower Upper

101 100

85 40.9 33.7 50.5

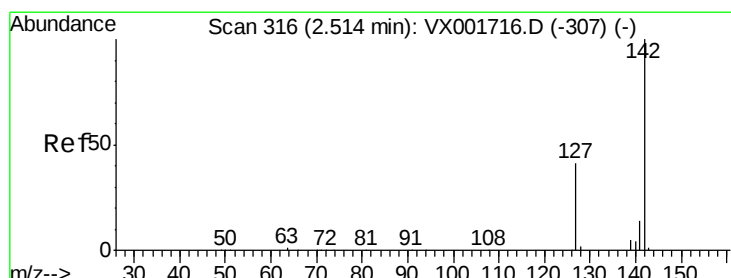
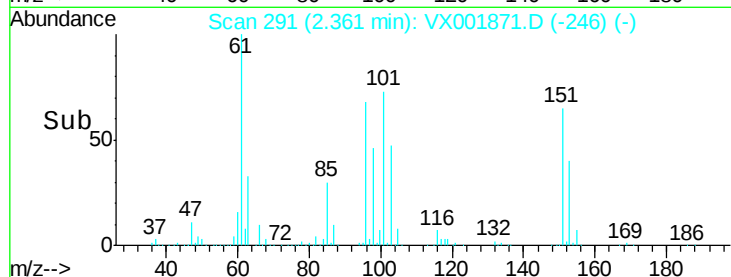
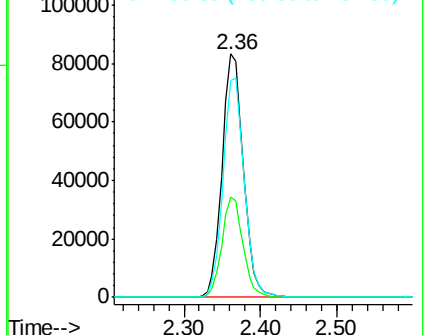
151 90.0 73.0 109.6



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: 72.00 ug/l

RT: 2.50 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

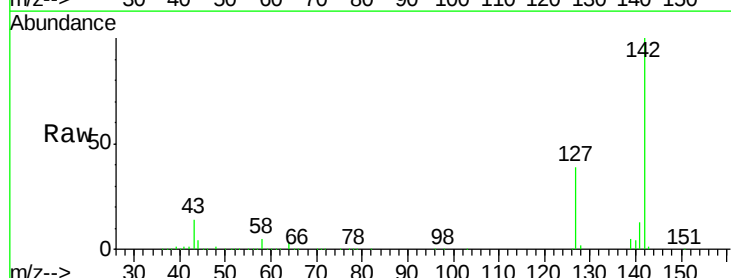
Tgt Ion:142 Resp: 205324

Ion Ratio Lower Upper

142 100

127 39.2 32.5 48.7

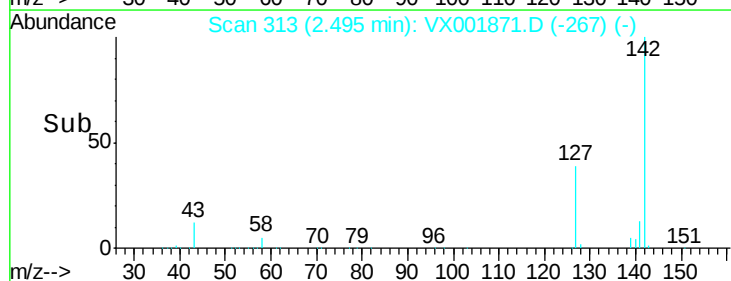
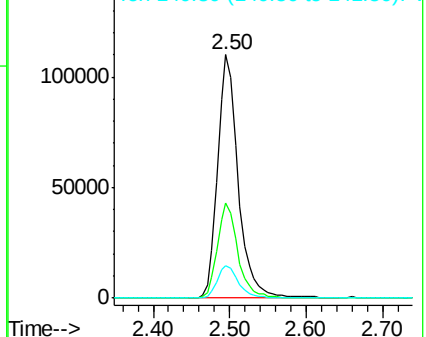
141 14.2 11.4 17.0

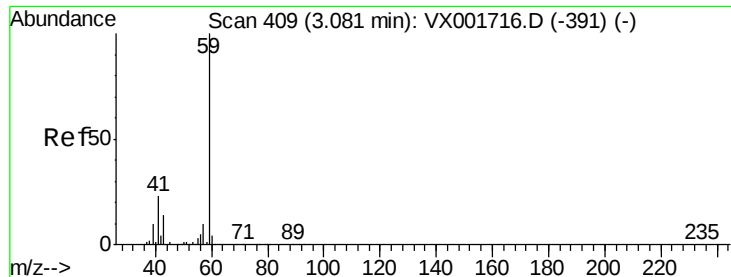


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

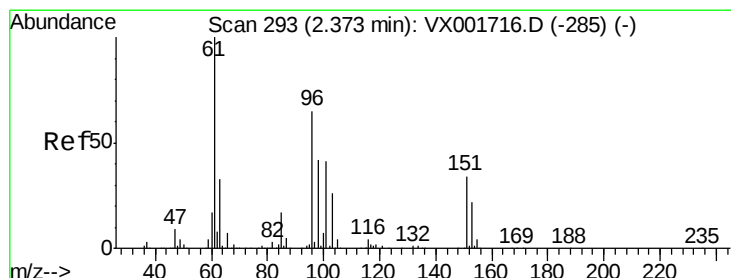
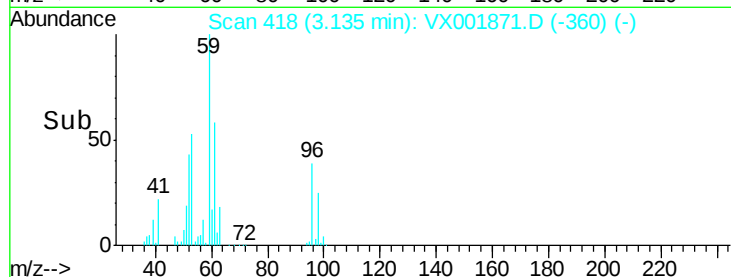
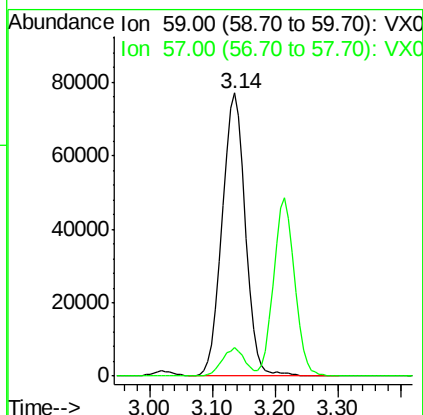
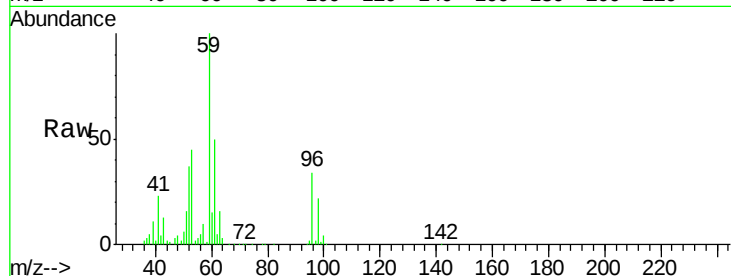




#11
Tert butyl alcohol
Concen: 275.96 ug/l
RT: 3.14 min Scan# 418
Delta R.T. 0.05 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

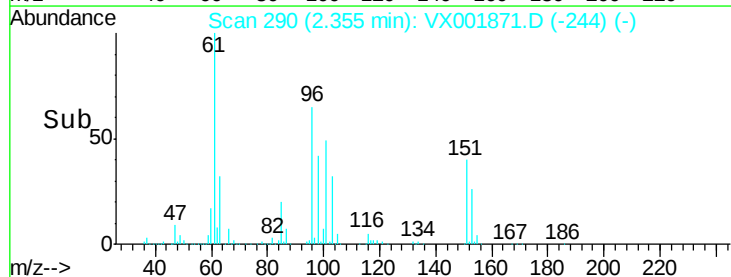
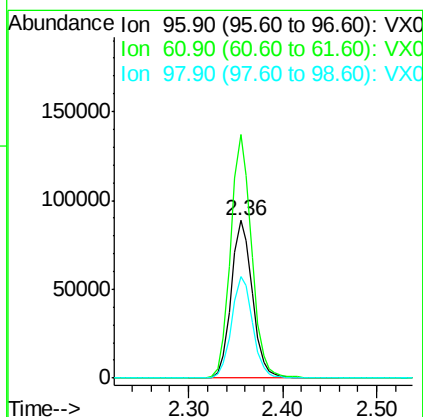
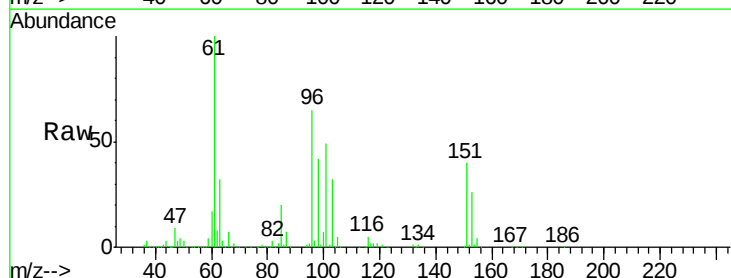
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

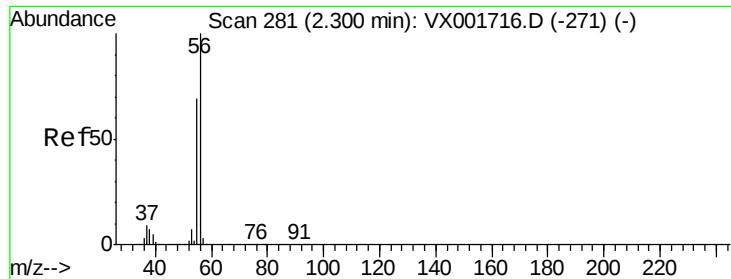
Tgt Ion: 59 Resp: 198551
Ion Ratio Lower Upper
59 100
57 9.7 8.5 12.7



#12
1,1-Dichloroethene
Concen: 46.45 ug/l
RT: 2.36 min Scan# 290
Delta R.T. -0.02 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Tgt Ion: 96 Resp: 138814
Ion Ratio Lower Upper
96 100
61 154.7 122.2 183.2
98 64.8 51.4 77.0

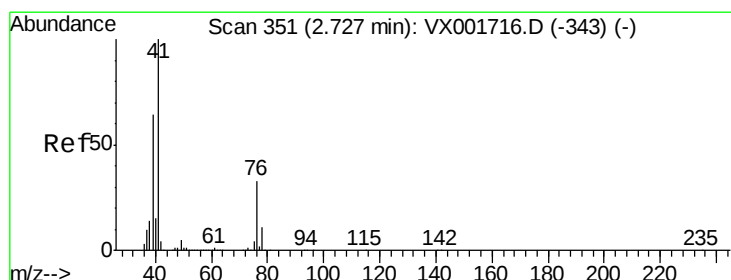
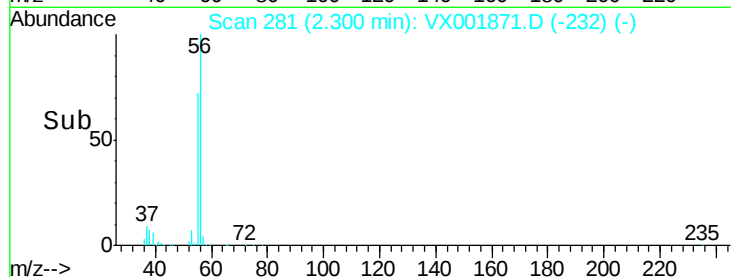
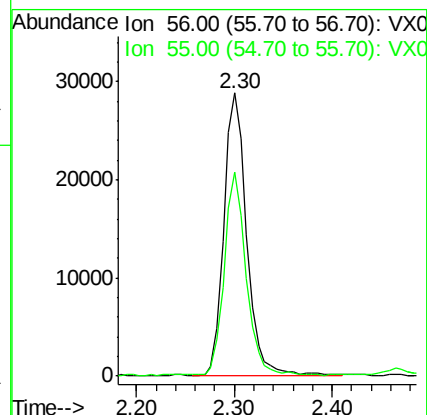
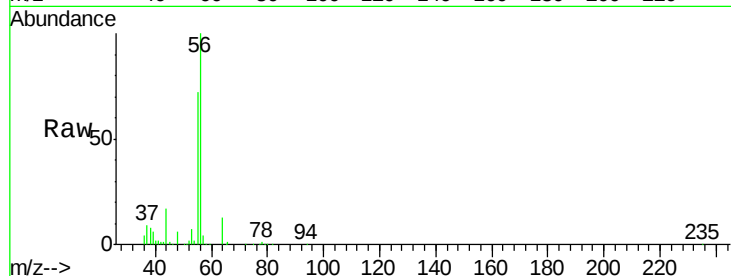




#13
Acrolein
Concen: 90.11 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

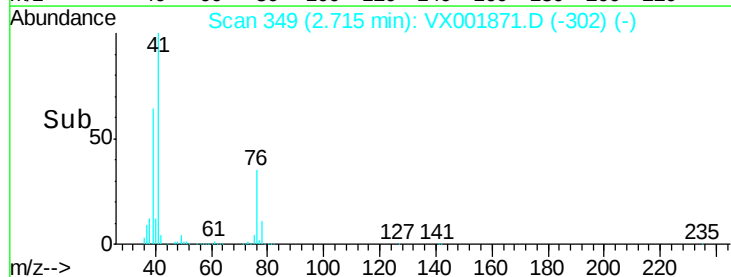
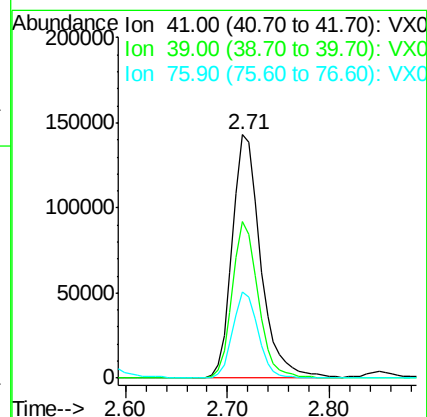
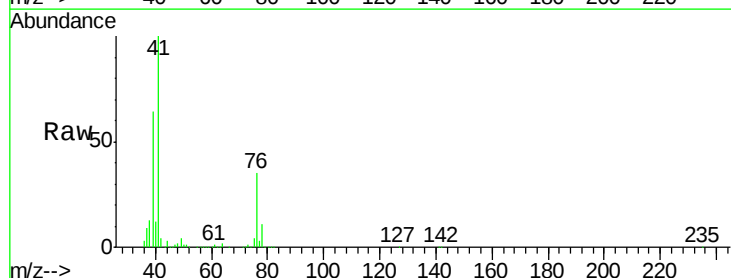
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

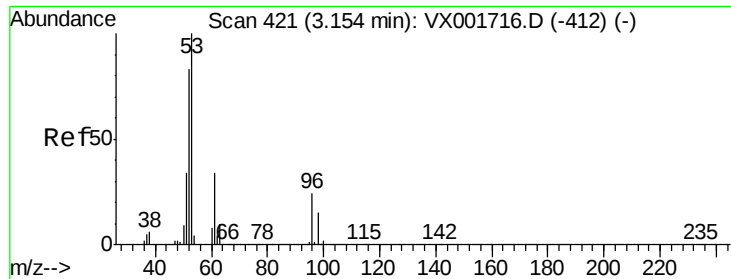
Tgt Ion: 56 Resp: 45985
Ion Ratio Lower Upper
56 100
55 69.3 56.2 84.2



#14
Allyl chloride
Concen: 49.92 ug/l
RT: 2.71 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Tgt Ion: 41 Resp: 275772
Ion Ratio Lower Upper
41 100
39 58.9 49.8 74.6
76 31.9 25.8 38.8

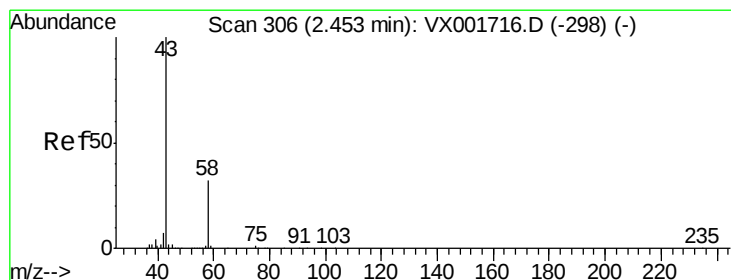
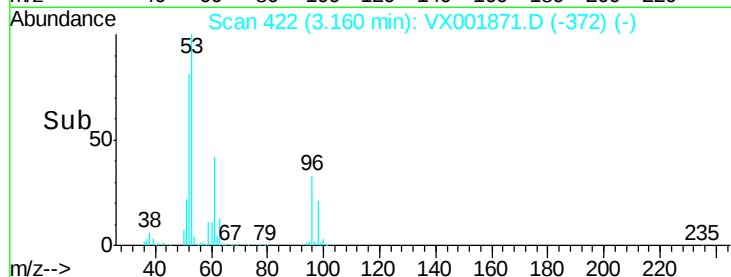
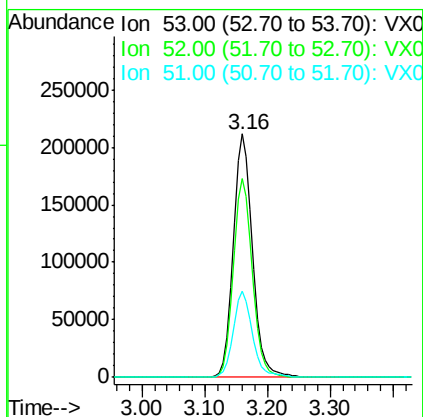
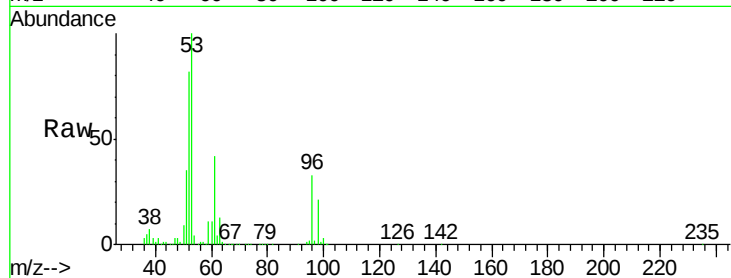




#15
 Acrylonitrile
 Concen: 247.87 ug/l
 RT: 3.16 min Scan# 422
 Delta R.T. 0.01 min
 Lab File: VX001871.D
 Acq: 21 May 2018 11:02

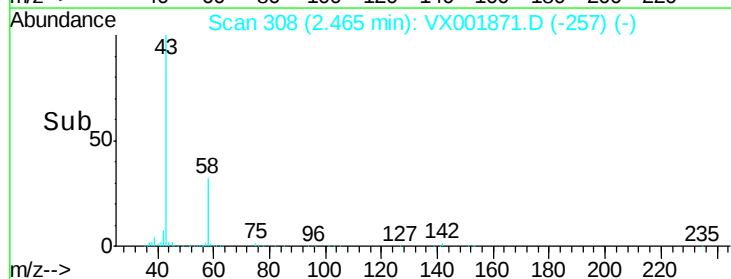
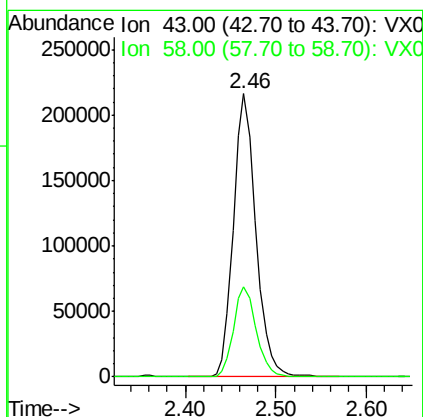
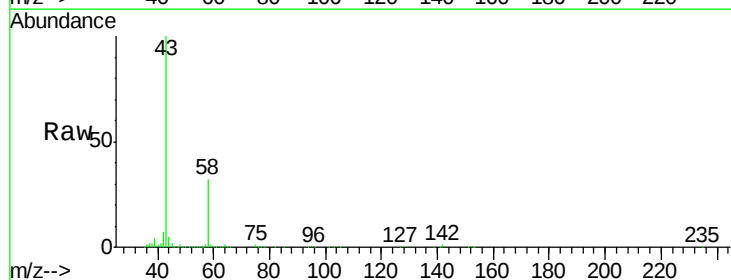
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 53 Resp: 447939
 Ion Ratio Lower Upper
 53 100
 52 81.1 65.6 98.4
 51 35.7 28.1 42.1



#16
 Acetone
 Concen: 232.84 ug/l
 RT: 2.46 min Scan# 308
 Delta R.T. 0.01 min
 Lab File: VX001871.D
 Acq: 21 May 2018 11:02

Tgt Ion: 43 Resp: 370620
 Ion Ratio Lower Upper
 43 100
 58 31.9 25.3 37.9

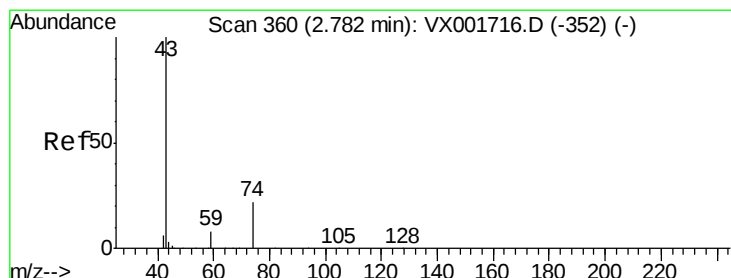
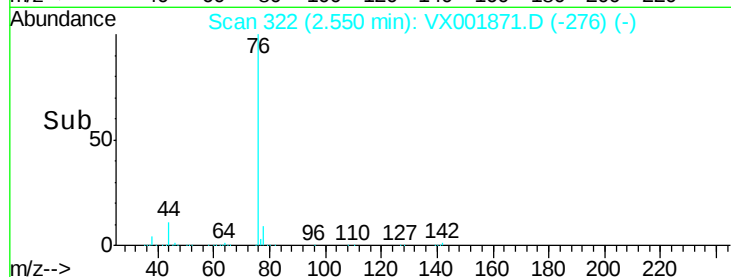
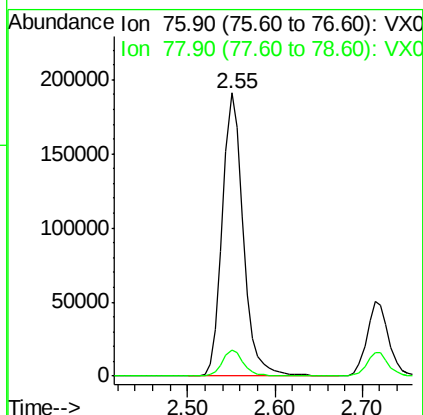
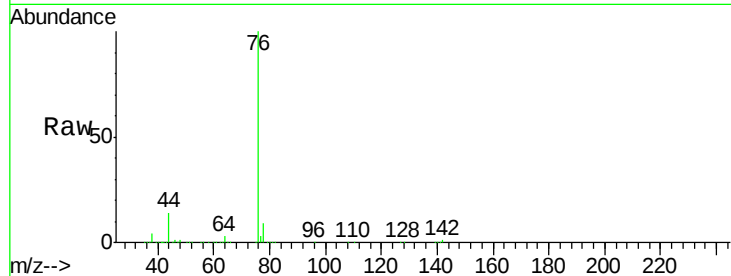




#17
Carbon Disulfide
Concen: 40.57 ug/l
RT: 2.55 min Scan# 322
Delta R.T. -0.02 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

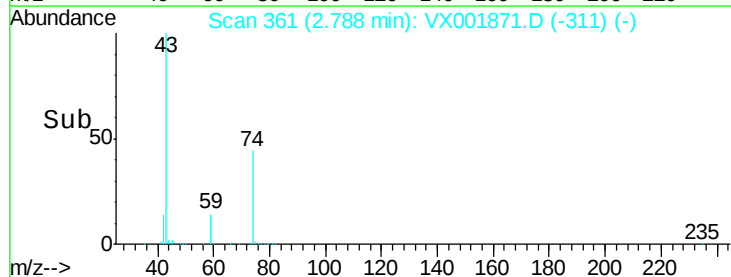
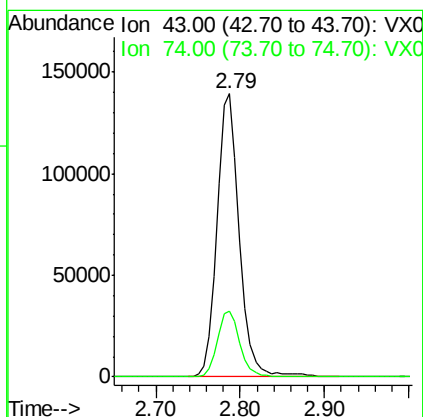
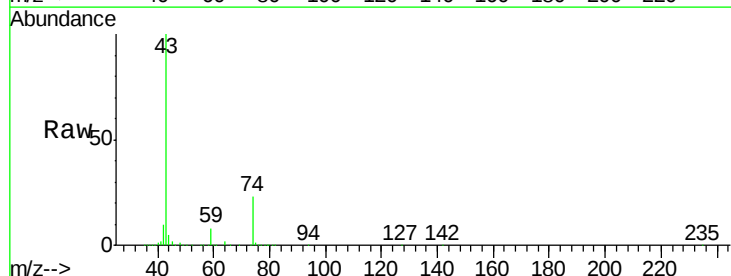
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

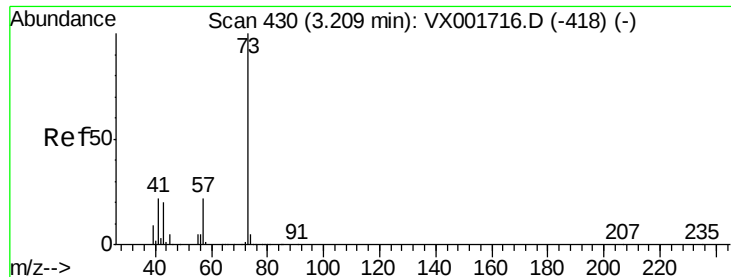
Tgt Ion: 76 Resp: 316273
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 54.21 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Tgt Ion: 43 Resp: 252247
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.2

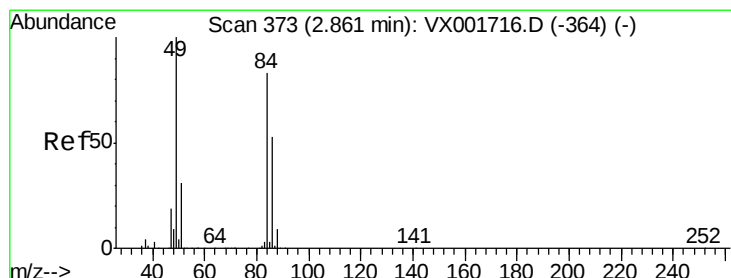
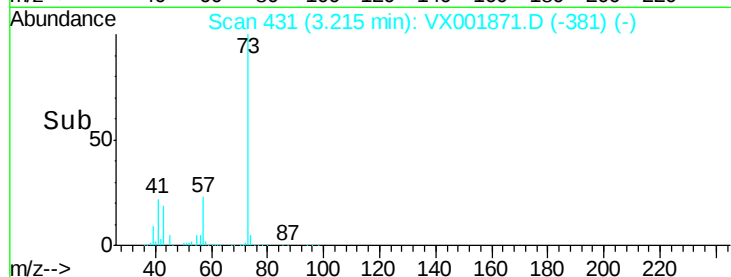
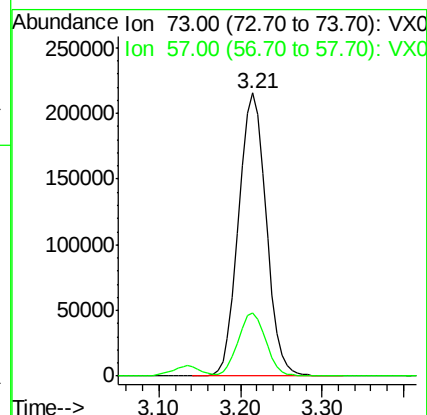
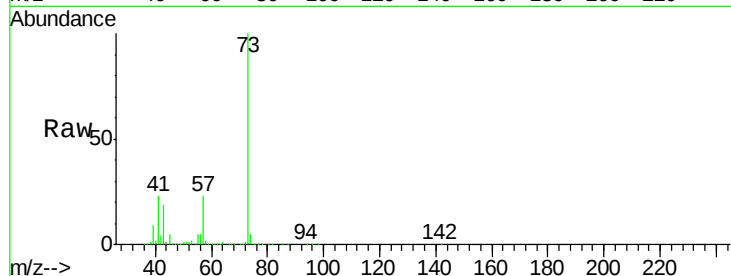




#19
Methyl tert-butyl Ether
Concen: 50.02 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

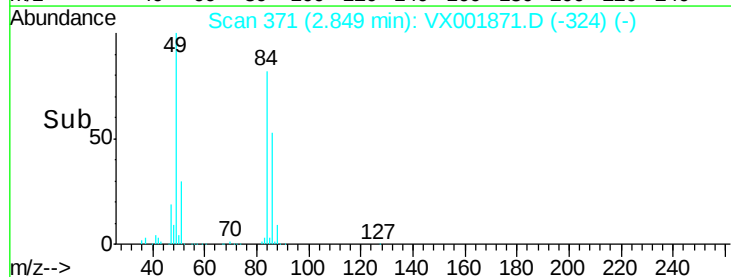
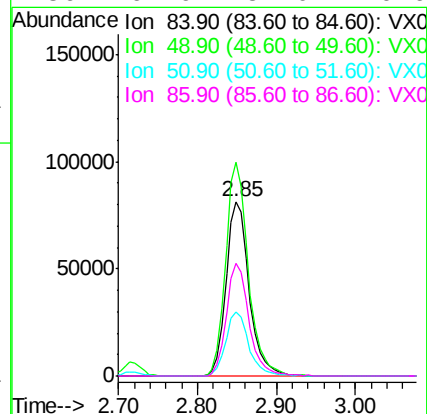
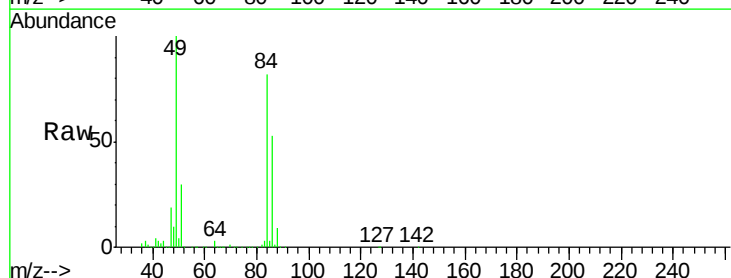
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 503774
Ion Ratio Lower Upper
73 100
57 22.5 17.5 26.3



#20
Methylene Chloride
Concen: 48.48 ug/l
RT: 2.85 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Tgt Ion: 84 Resp: 165189
Ion Ratio Lower Upper
84 100
49 122.4 96.3 144.5
51 36.7 29.8 44.6
86 64.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 45.66 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

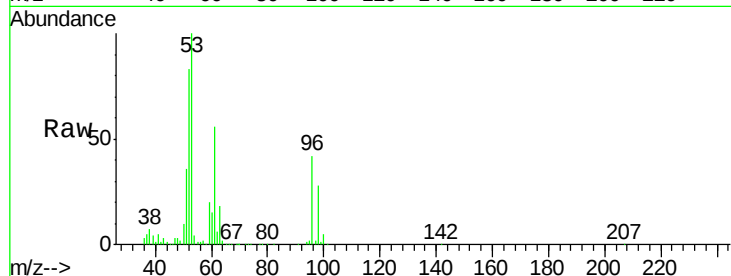
Tgt Ion: 96 Resp: 150320

Ion Ratio Lower Upper

96 100

61 134.2 105.8 158.8

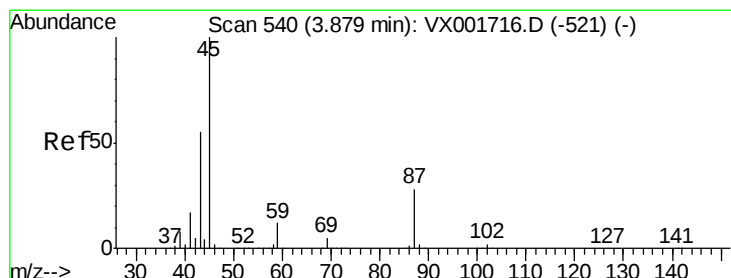
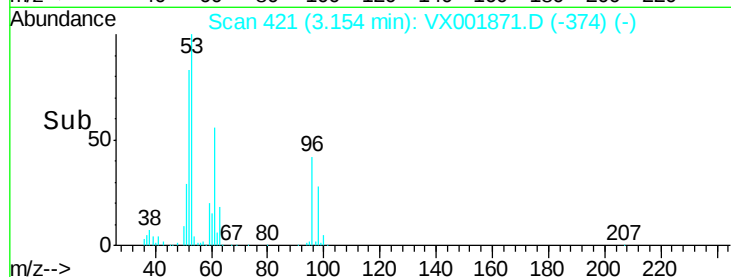
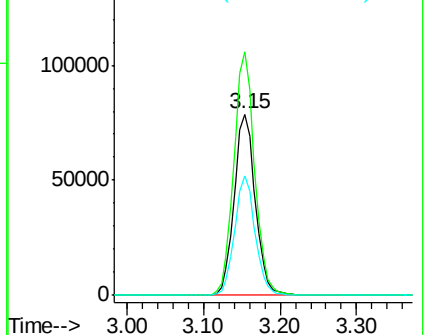
98 65.6 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.47 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Tgt Ion: 45 Resp: 545436

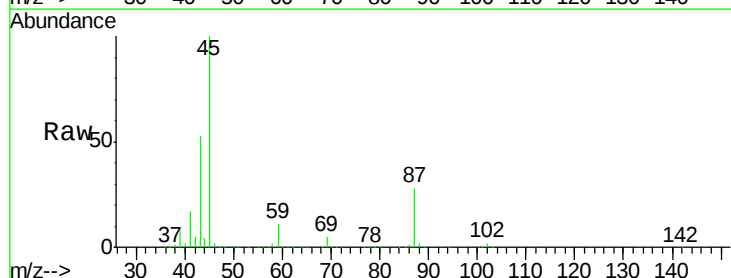
Ion Ratio Lower Upper

45 100

43 52.3 44.3 66.5

87 27.8 22.6 33.8

59 11.3 9.4 14.0

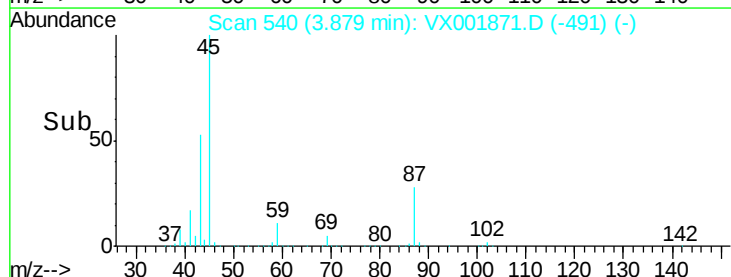
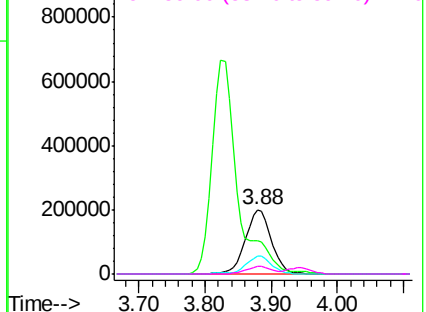


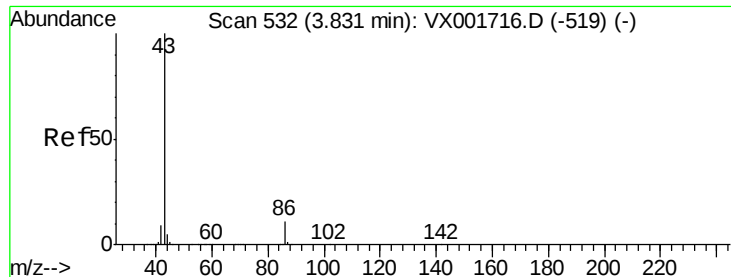
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 235.19 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

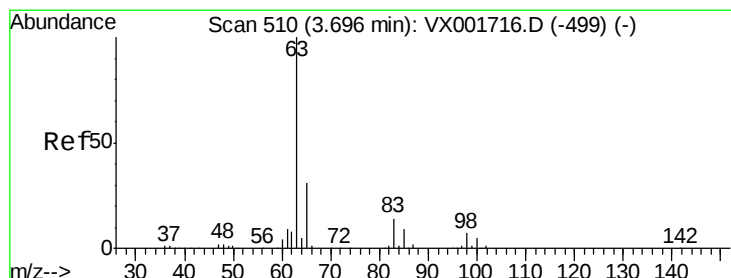
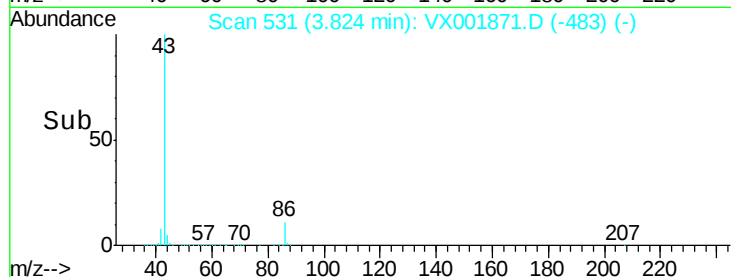
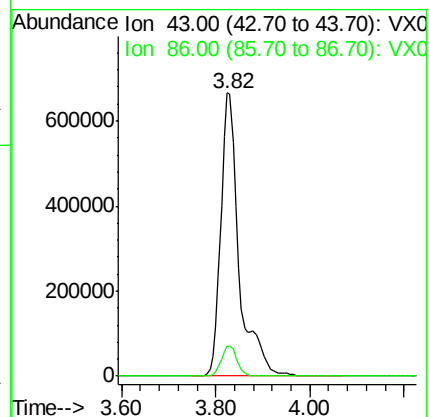
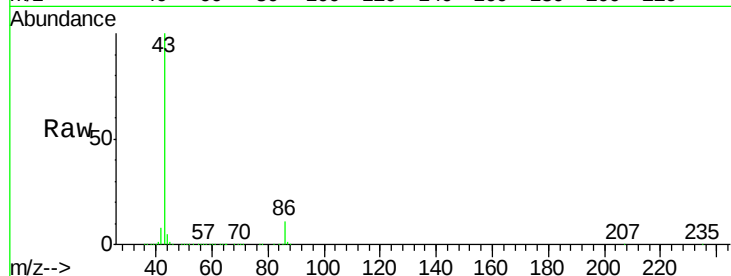
VSTDCCC050

Tgt Ion: 43 Resp: 1795598

Ion Ratio Lower Upper

43 100

86 10.7 8.7 13.1



#24

1,1-Dichloroethane

Concen: 49.81 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

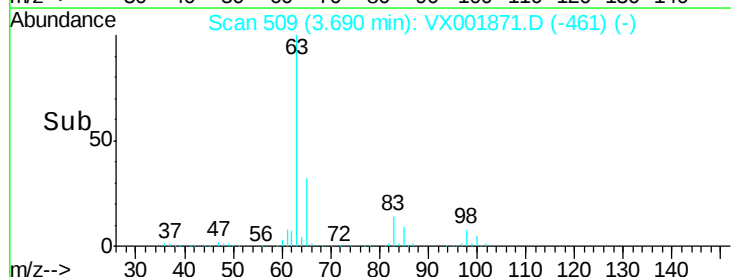
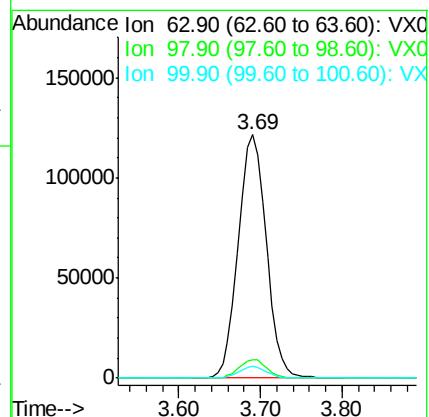
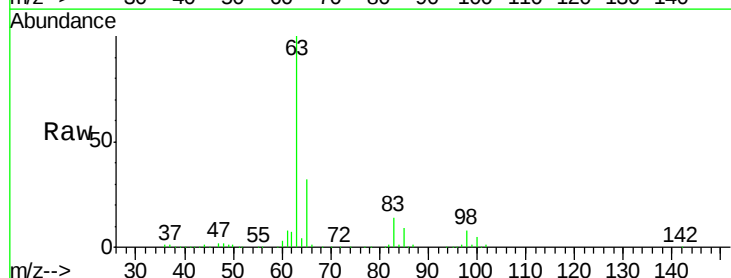
Tgt Ion: 63 Resp: 289480

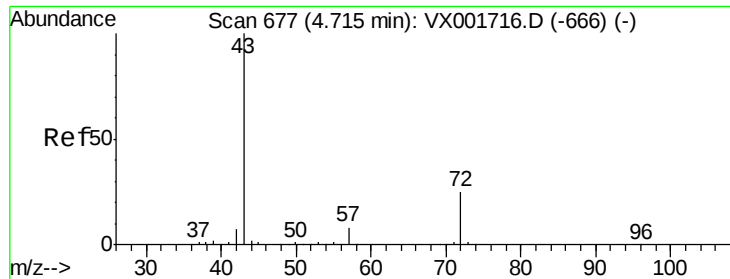
Ion Ratio Lower Upper

63 100

98 7.6 3.7 11.1

100 5.1 2.4 7.2





#25

2-Butanone

Concen: 257.58 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

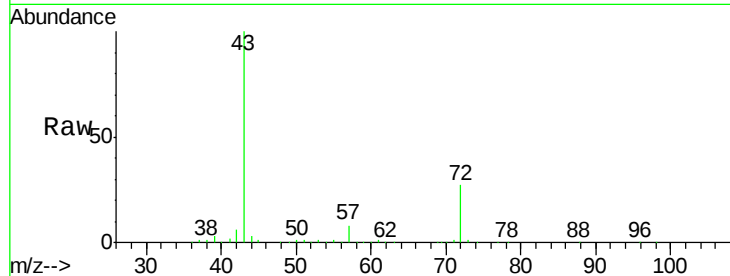
VSTDCCC050

Tgt Ion: 43 Resp: 627717

Ion Ratio Lower Upper

43 100

72 26.8 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

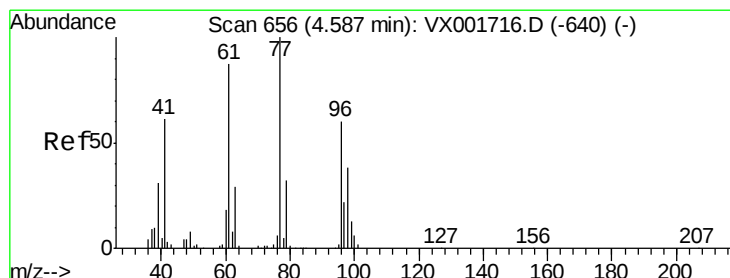
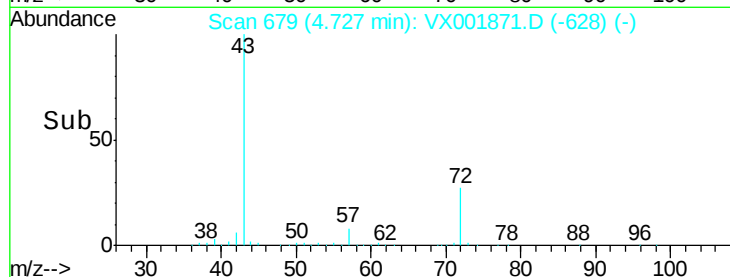
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 52.86 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX001871.D

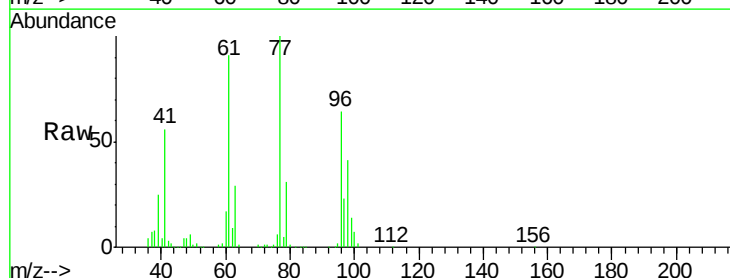
Acq: 21 May 2018 11:02

Tgt Ion: 77 Resp: 247294

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

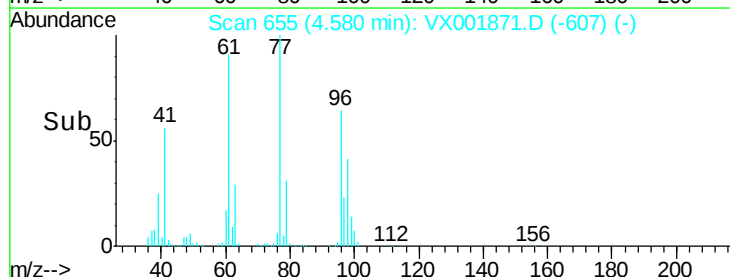
40000

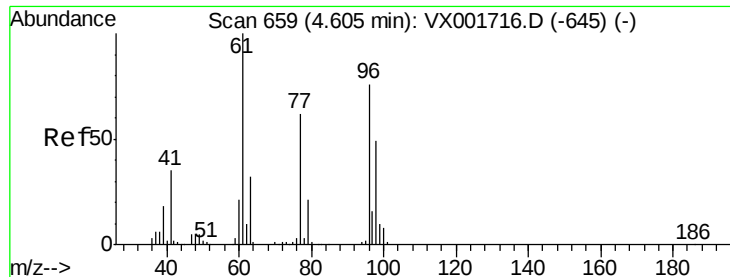
20000

0

4.40 4.50 4.60 4.70

Time-->



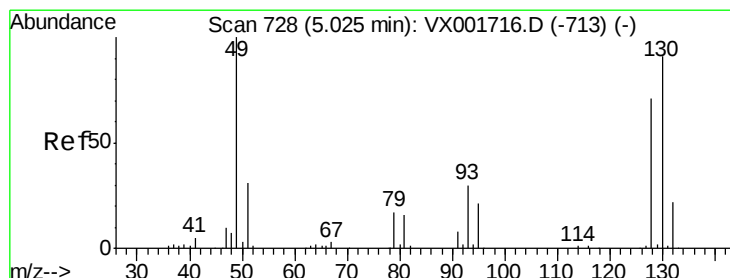
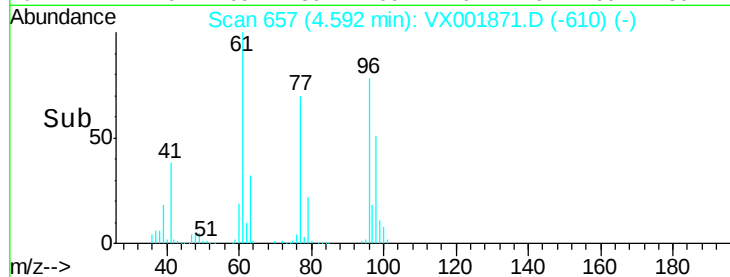
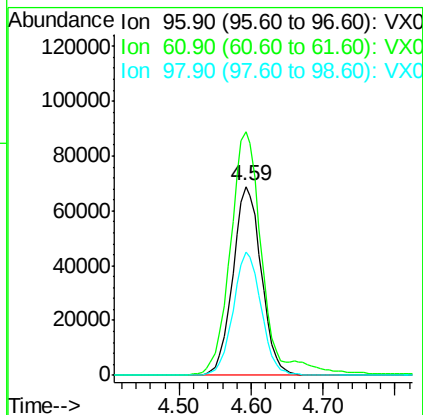
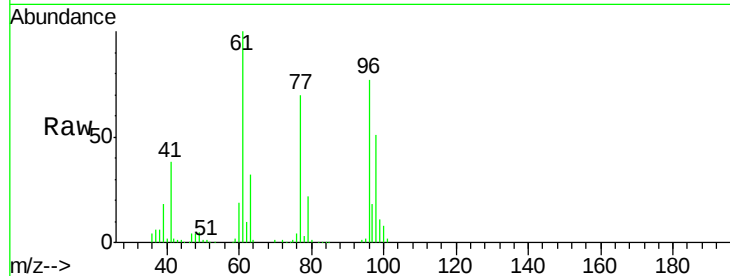


#27

cis-1,2-Dichloroethene
 Concen: 50.27 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX001871.D
 Acq: 21 May 2018 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

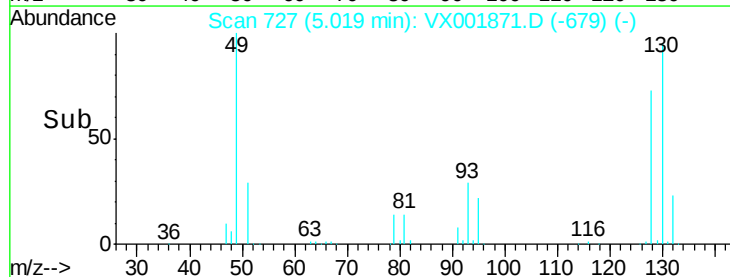
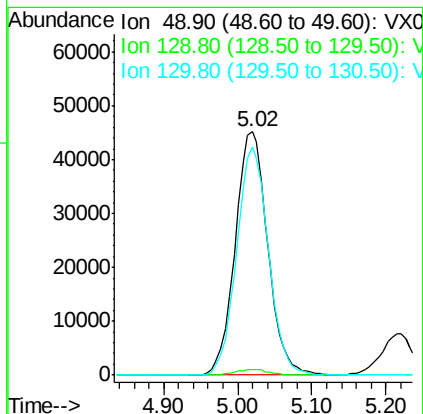
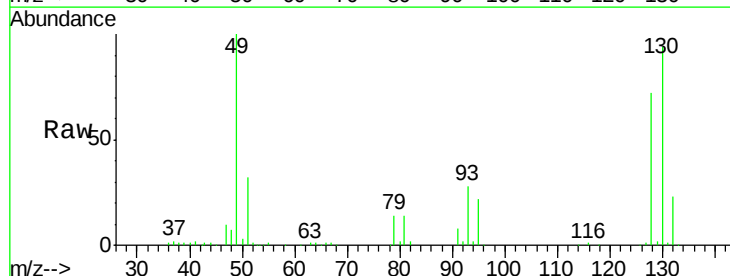
Tgt Ion: 96 Resp: 188302
 Ion Ratio Lower Upper
 96 100
 61 136.5 0.0 280.4
 98 64.7 0.0 128.4

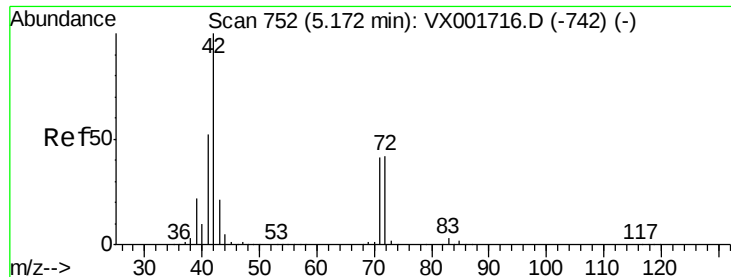


#28

Bromochloromethane
 Concen: 53.67 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX001871.D
 Acq: 21 May 2018 11:02

Tgt Ion: 49 Resp: 138549
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 91.6 71.8 107.6





#29

Tetrahydrofuran

Concen: 249.71 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

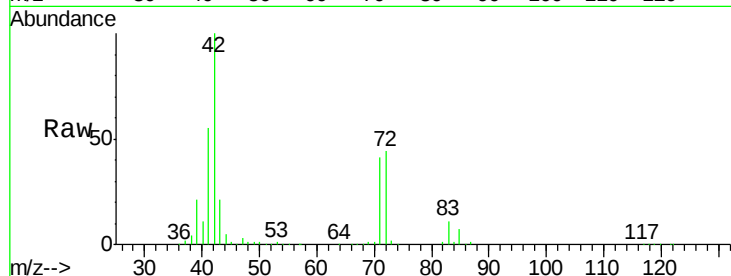
Tgt Ion: 42 Resp: 396671

Ion Ratio Lower Upper

42 100

72 45.0 35.4 53.2

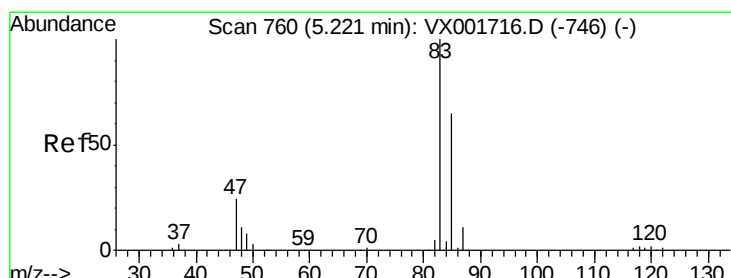
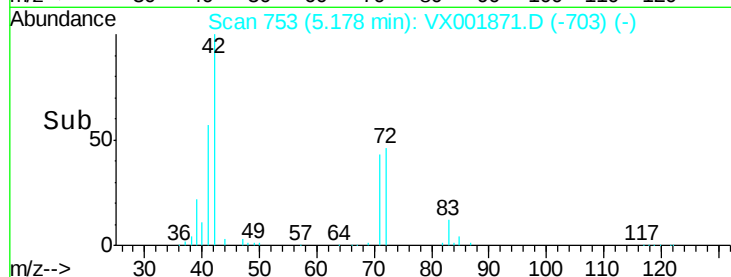
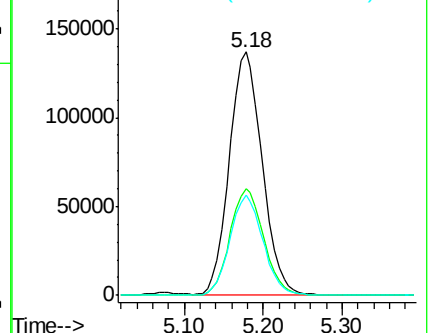
71 41.5 33.2 49.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.39 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX001871.D

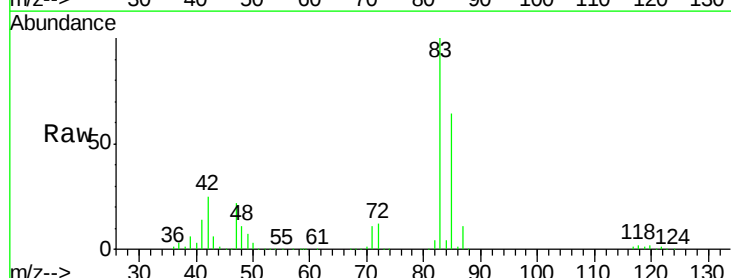
Acq: 21 May 2018 11:02

Tgt Ion: 83 Resp: 307600

Ion Ratio Lower Upper

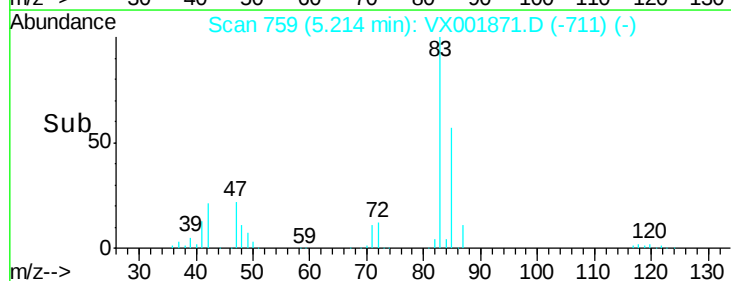
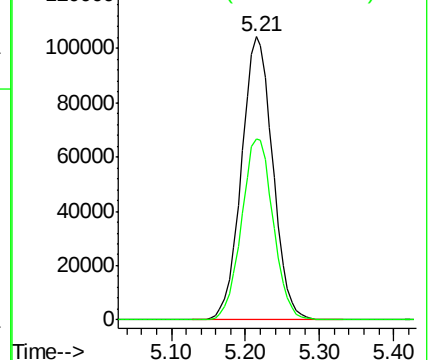
83 100

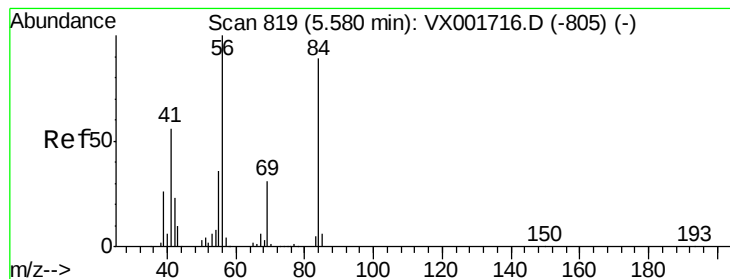
85 64.1 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 52.08 ug/l

RT: 5.56 min Scan# 816

Delta R.T. -0.02 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

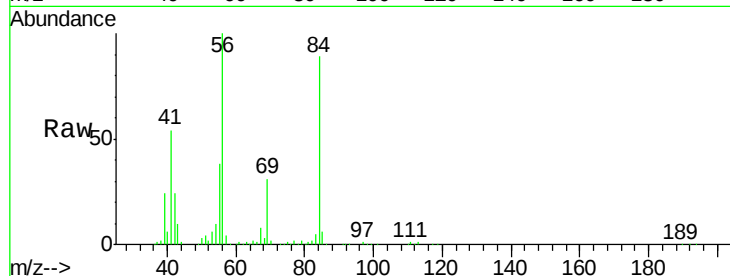
Tgt Ion: 56 Resp: 265293

Ion Ratio Lower Upper

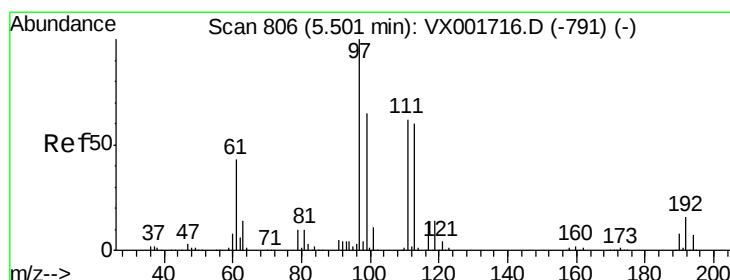
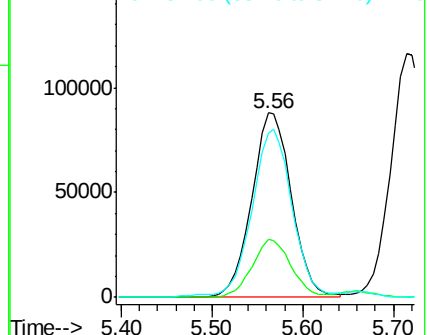
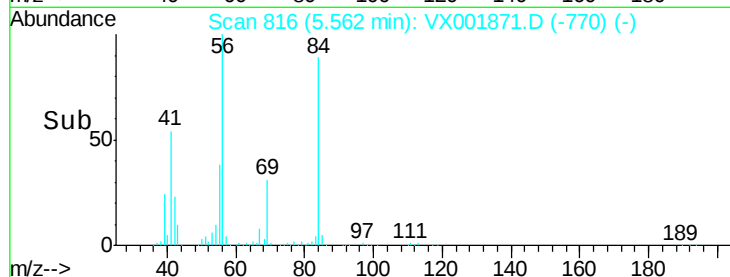
56 100

69 31.2 25.0 37.6

84 88.1 71.0 106.4



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: 50.53 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

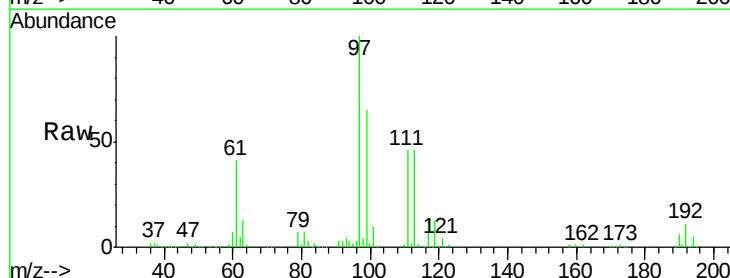
Tgt Ion: 97 Resp: 266563

Ion Ratio Lower Upper

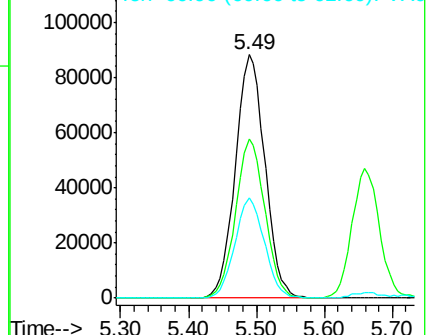
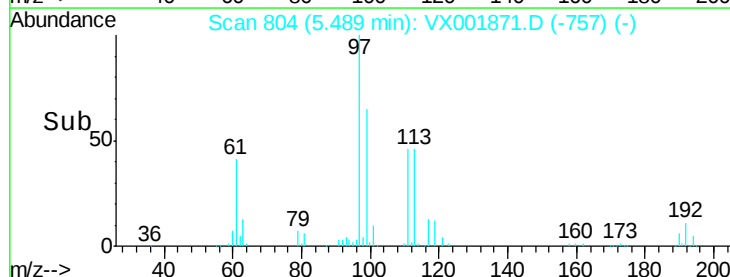
97 100

99 64.9 51.3 76.9

61 41.2 34.0 51.0



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: 43.87 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

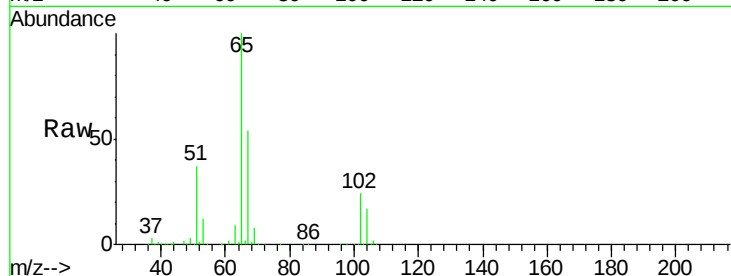
VSTDCCC050

Tgt Ion: 65 Resp: 177777

Ion Ratio Lower Upper

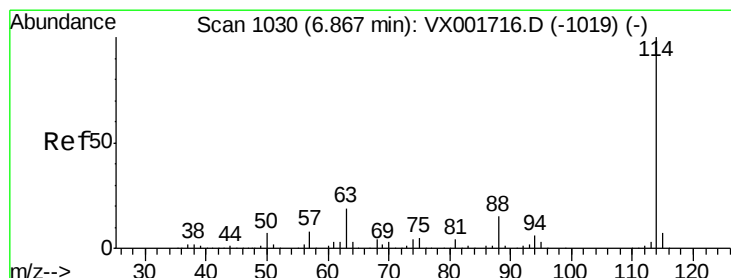
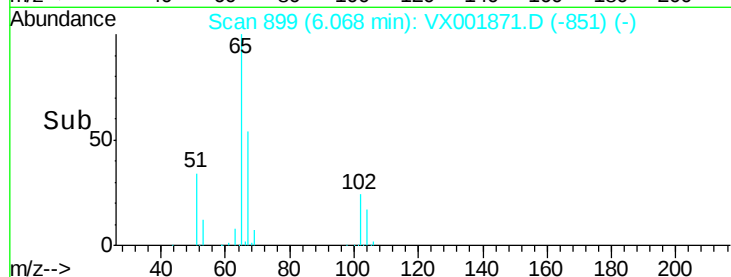
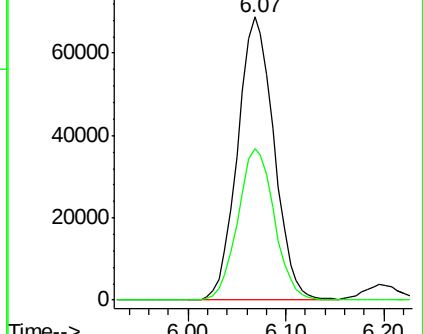
65 100

67 53.6 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. -0.01 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

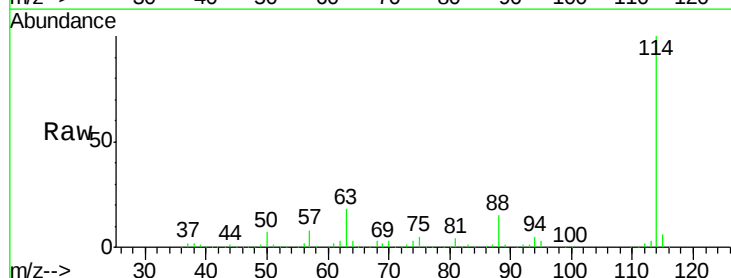
Tgt Ion: 114 Resp: 375288

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.0

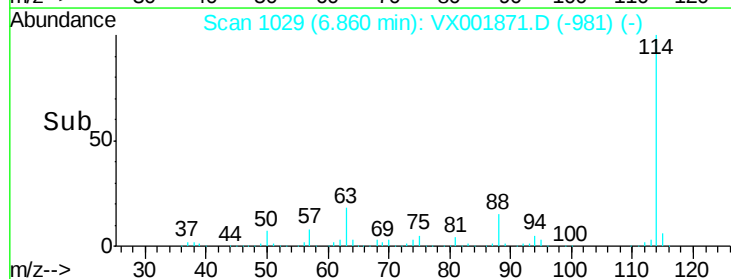
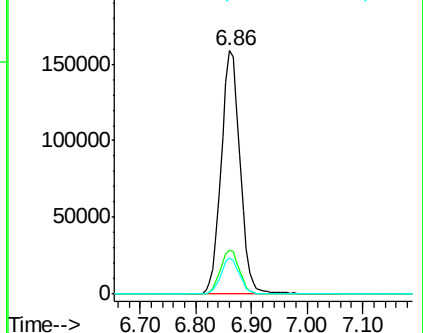
88 14.9 0.0 29.8

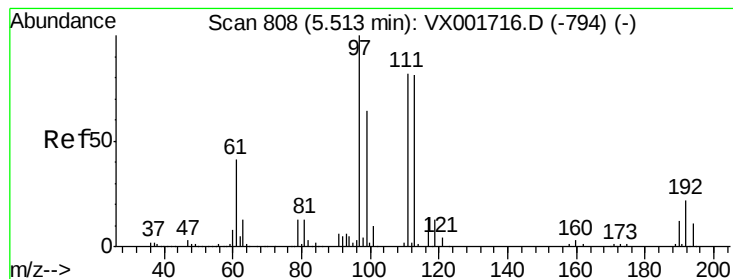


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.63 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

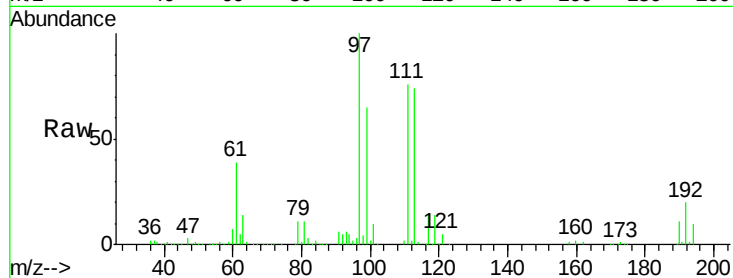
Tgt Ion:113 Resp: 163505

Ion Ratio Lower Upper

113 100

111 102.0 82.0 123.0

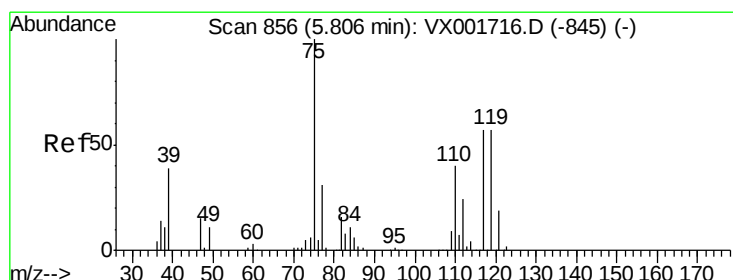
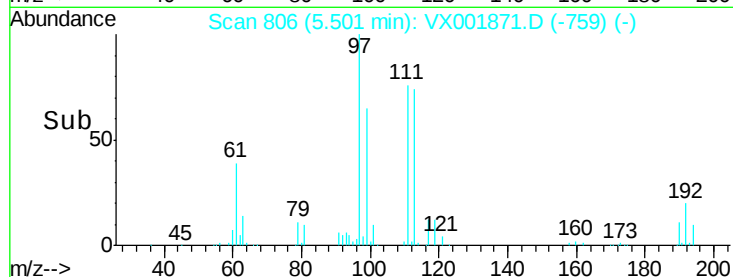
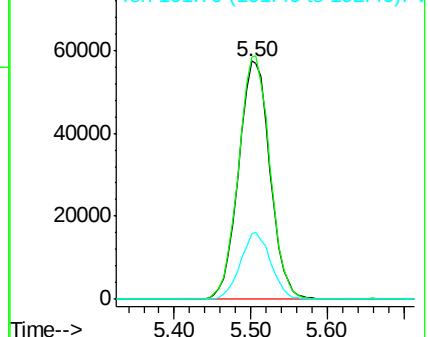
192 27.4 21.6 32.4



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: 51.52 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

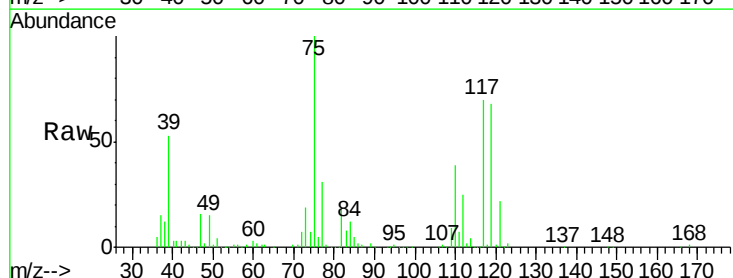
Tgt Ion: 75 Resp: 222573

Ion Ratio Lower Upper

75 100

110 38.8 19.1 57.1

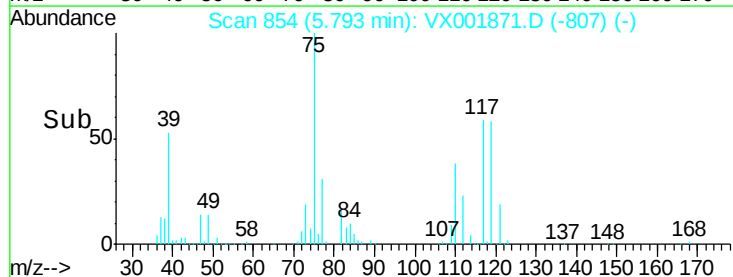
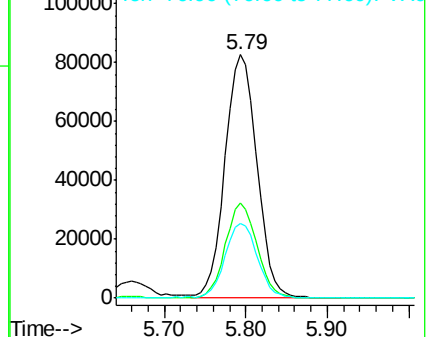
77 31.7 24.6 37.0

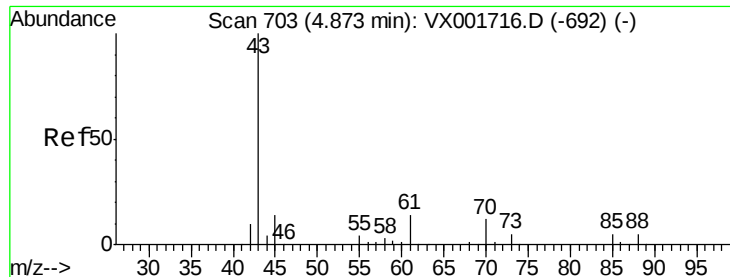


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.58 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

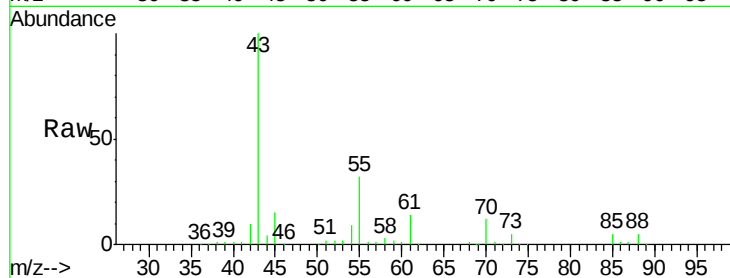
Tgt Ion: 43 Resp: 236738

Ion Ratio Lower Upper

43 100

61 14.3 10.9 16.3

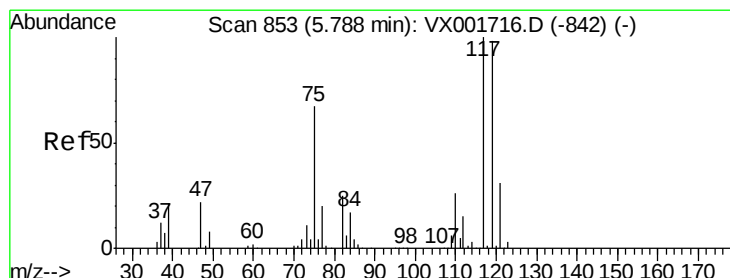
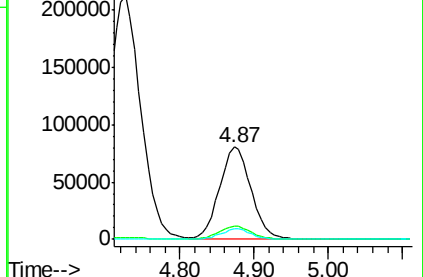
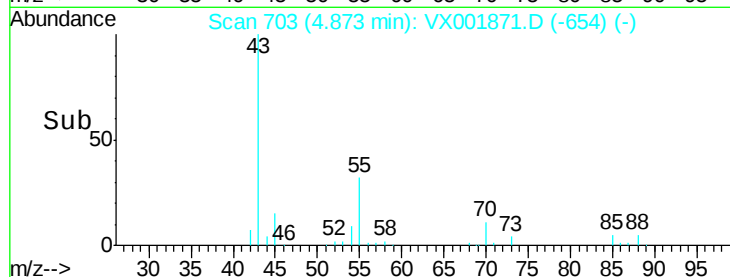
70 11.1 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VX001871.D (-654) (-)

Ion 60.90 (60.60 to 61.60): VX001871.D (-654) (-)

Ion 70.00 (69.70 to 70.70): VX001871.D (-654) (-)



#38

Carbon Tetrachloride

Concen: 53.51 ug/l

RT: 5.78 min Scan# 851

Delta R.T. -0.01 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

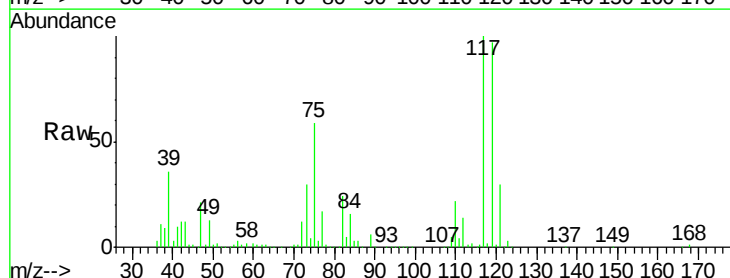
Tgt Ion: 117 Resp: 242155

Ion Ratio Lower Upper

117 100

119 97.1 77.6 116.4

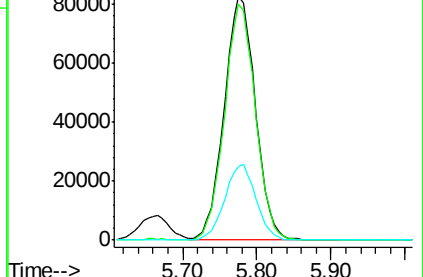
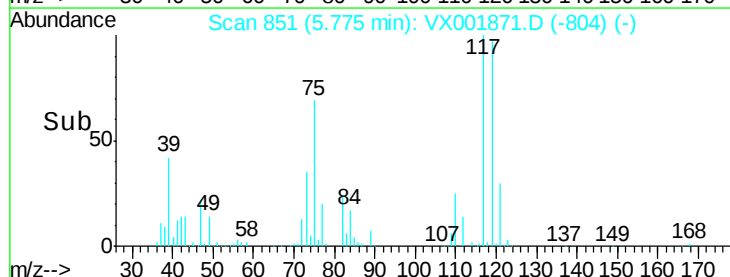
121 30.4 24.6 36.8

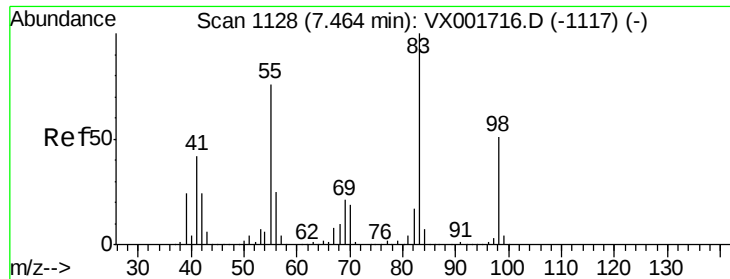


Abundance Ion 116.80 (116.50 to 117.50): VX001871.D (-804) (-)

Ion 118.80 (118.50 to 119.50): VX001871.D (-804) (-)

Ion 120.80 (120.50 to 121.50): VX001871.D (-804) (-)

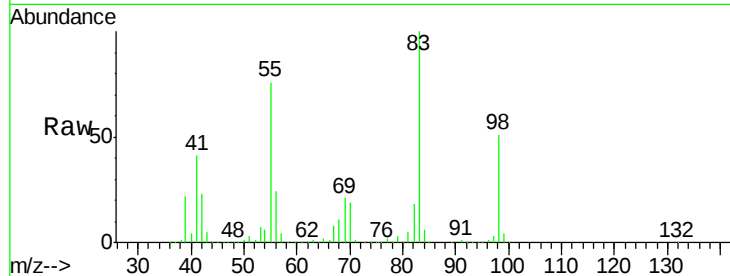




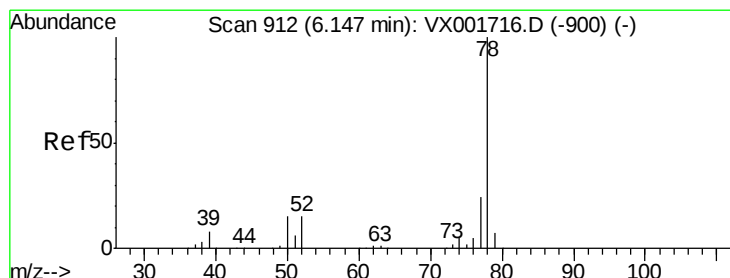
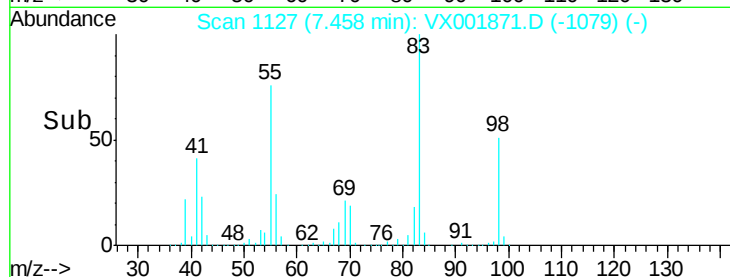
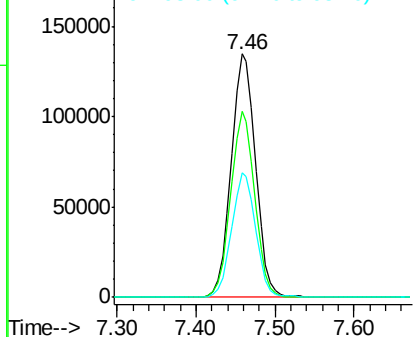
#39
Methylcyclohexane
Concen: 57.42 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 289819
Ion Ratio Lower Upper
83 100
55 76.2 60.6 90.8
98 51.1 40.4 60.6

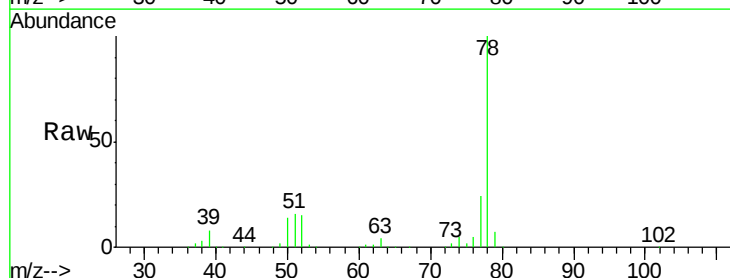


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

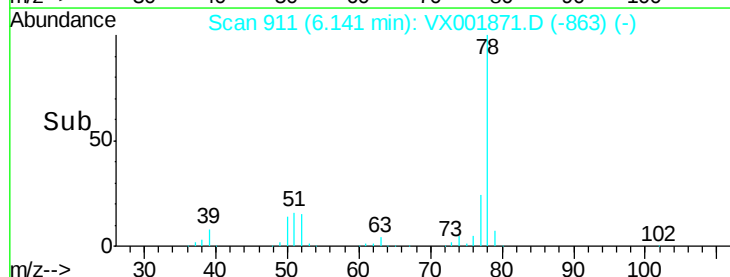
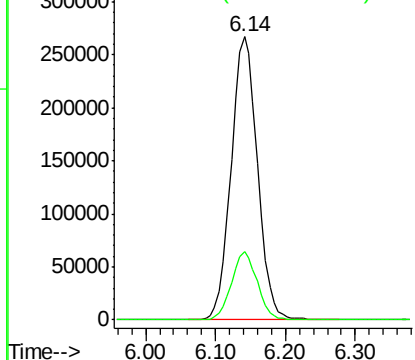


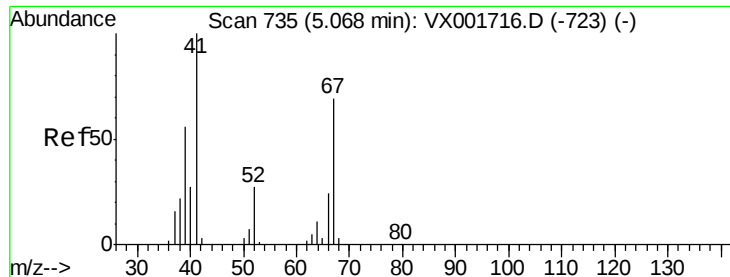
#40
Benzene
Concen: 54.90 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Tgt Ion: 78 Resp: 698844
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

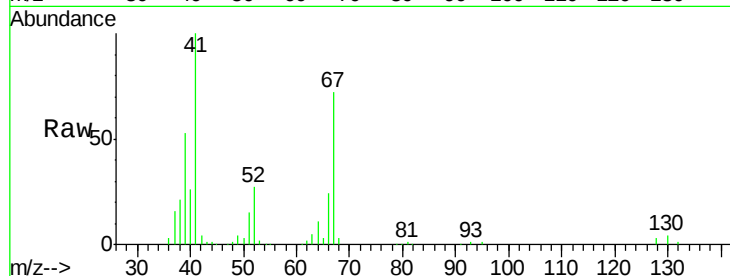




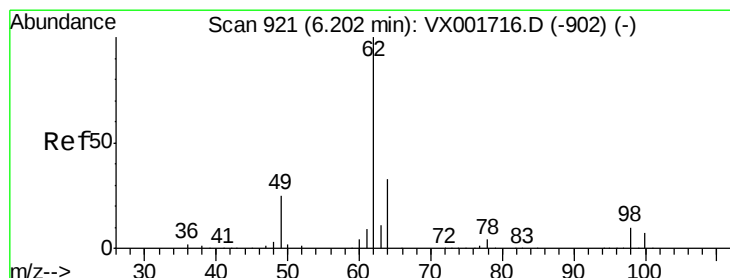
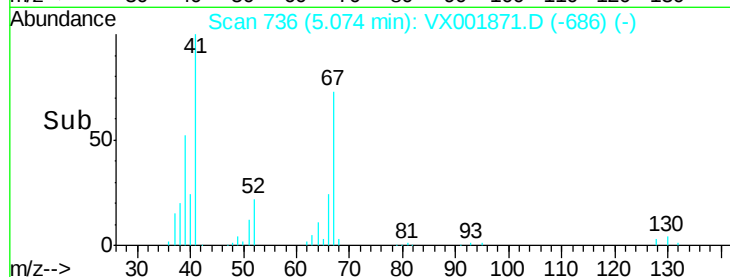
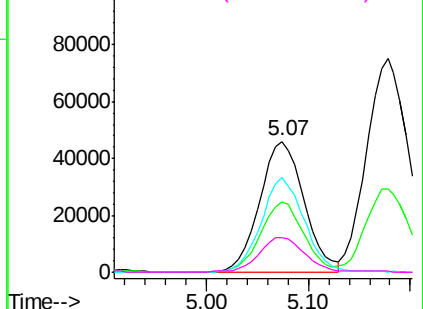
#41
Methacrylonitrile
Concen: 52.98 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	137939
Ion	Ratio	Lower	Upper
41	100		
39	52.3	44.2	66.4
67	70.9	56.0	84.0
52	27.6	22.6	33.8

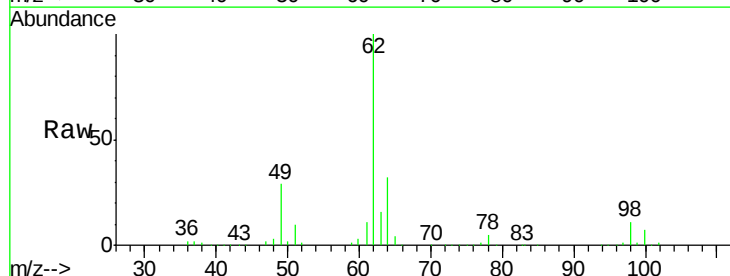


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

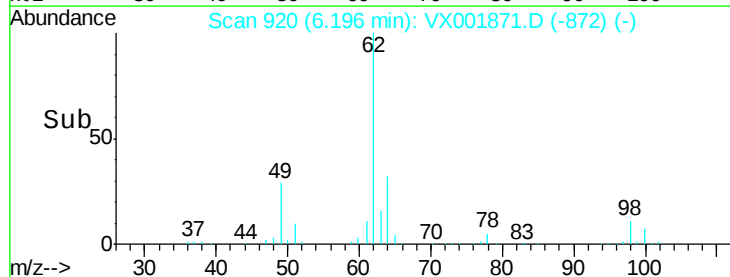
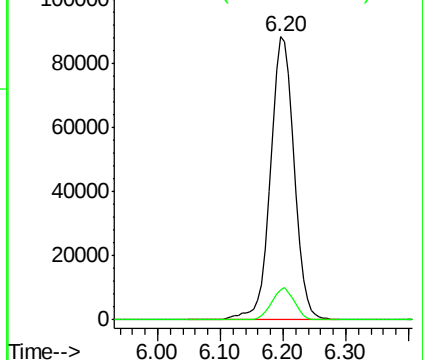


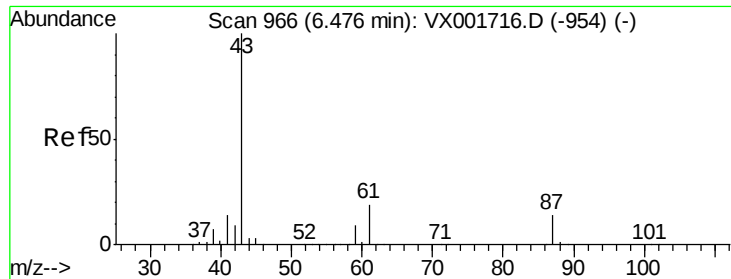
#42
1,2-Dichloroethane
Concen: 50.31 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Tgt Ion:	62	Resp:	231603
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.0



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

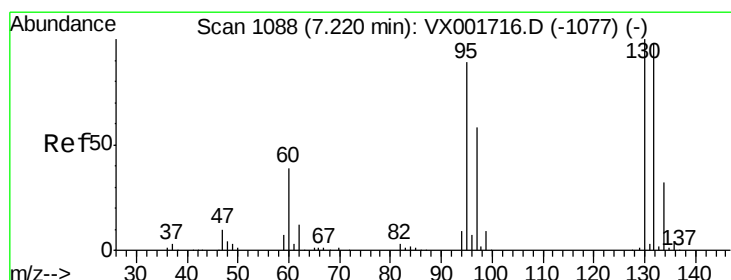
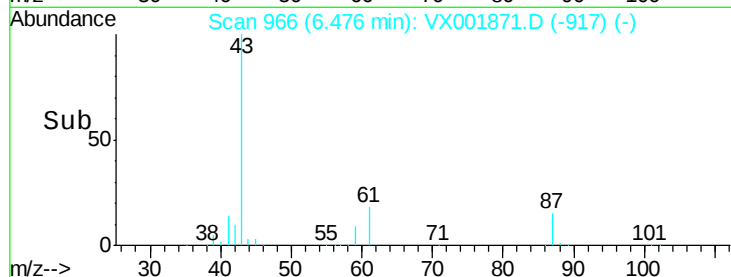
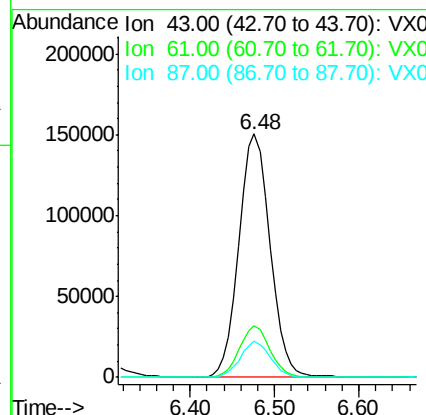
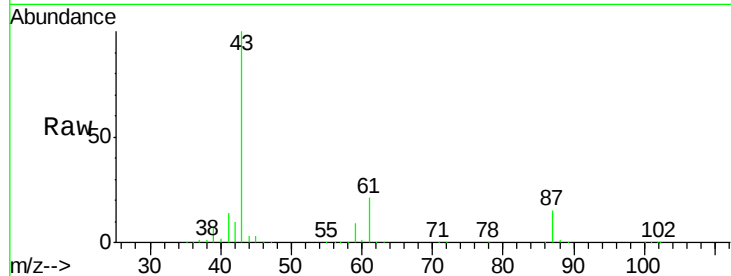




#43
Isopropyl Acetate
Concen: 53.22 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

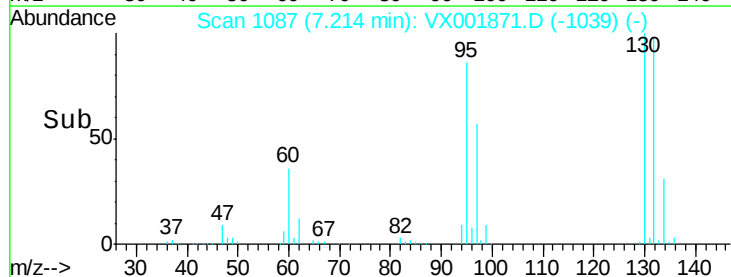
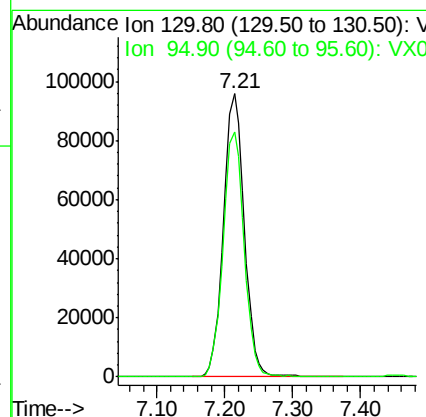
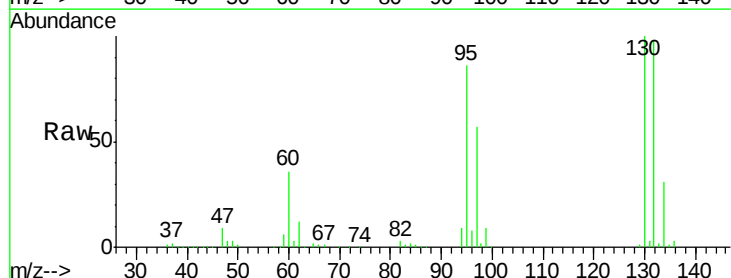
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

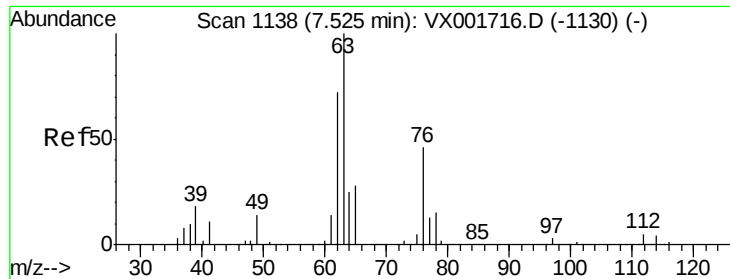
Tgt Ion: 43 Resp: 374999
Ion Ratio Lower Upper
43 100
61 21.0 15.8 23.8
87 14.5 11.0 16.4



#44
Trichloroethene
Concen: 51.94 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Tgt Ion: 130 Resp: 205213
Ion Ratio Lower Upper
130 100
95 86.3 0.0 177.2

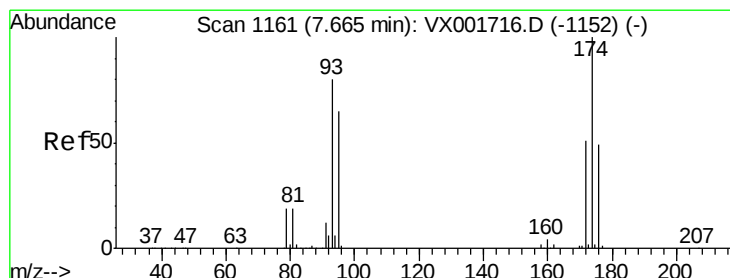
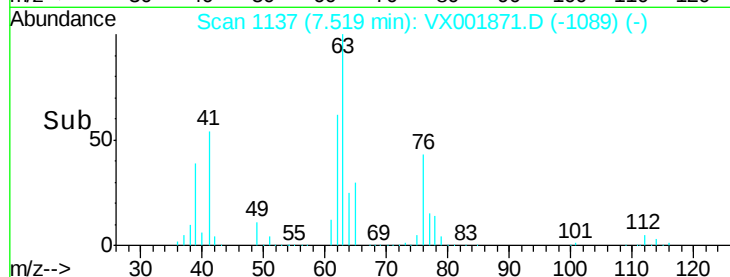
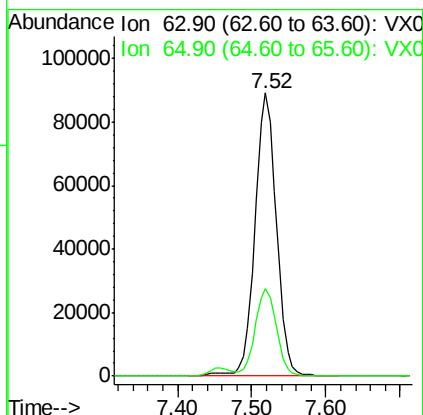
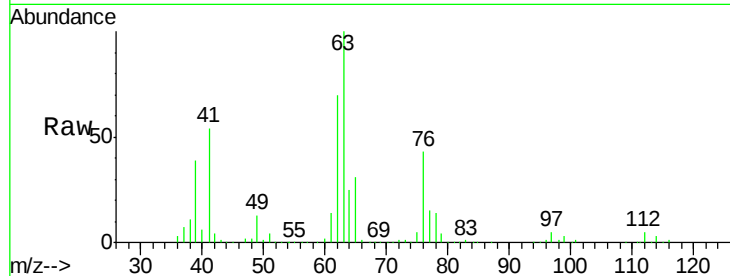




#45
 1,2-Dichloropropane
 Concen: 57.80 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX001871.D
 Acq: 21 May 2018 11:02

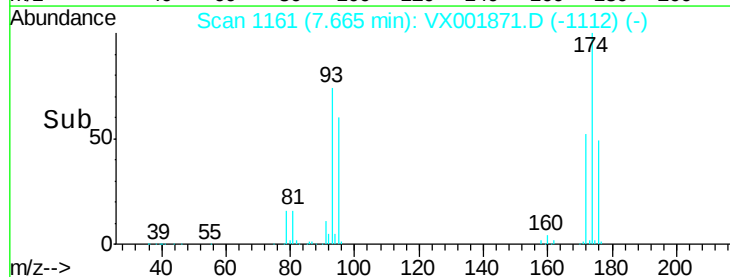
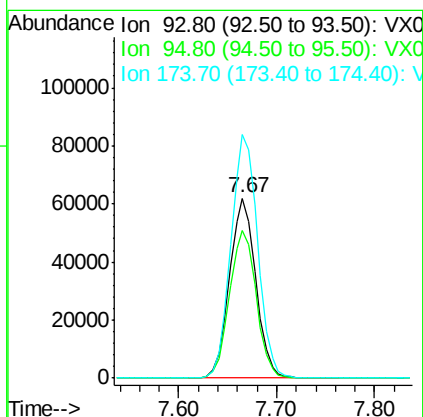
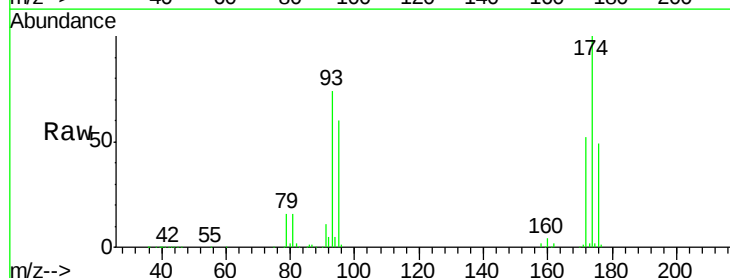
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 180530
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.2 36.2



#46
 Dibromomethane
 Concen: 52.58 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX001871.D
 Acq: 21 May 2018 11:02

Tgt Ion: 93 Resp: 115311
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.9 98.9
 174 138.0 106.2 159.2





#47

Bromodichloromethane

Concen: 56.12 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

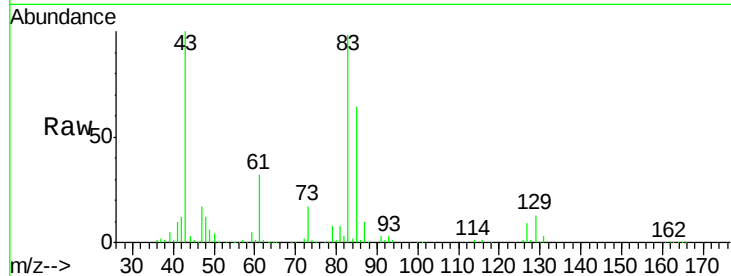
Tgt Ion: 83 Resp: 228380

Ion Ratio Lower Upper

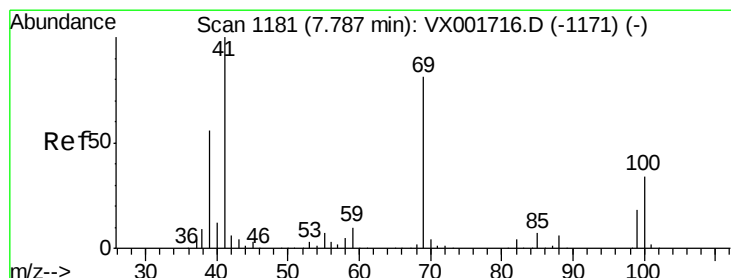
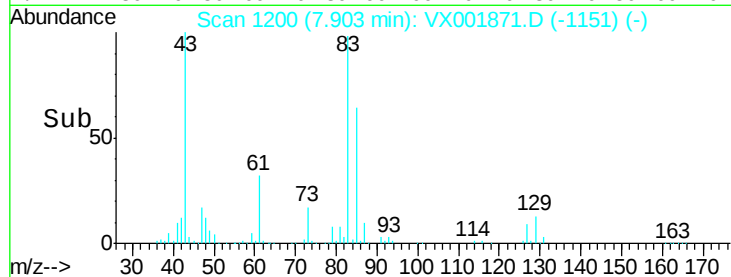
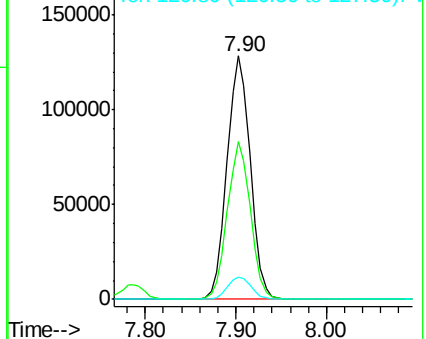
83 100

85 65.0 49.6 74.4

127 9.4 7.5 11.3



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: 55.30 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

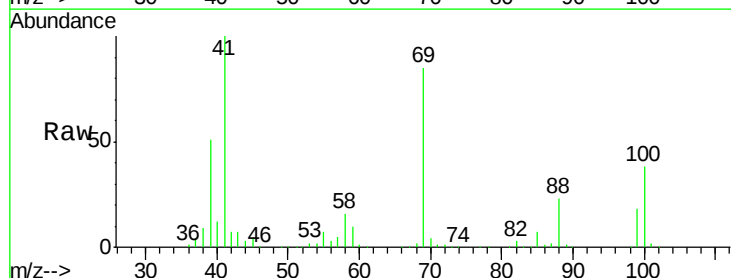
Tgt Ion: 41 Resp: 205108

Ion Ratio Lower Upper

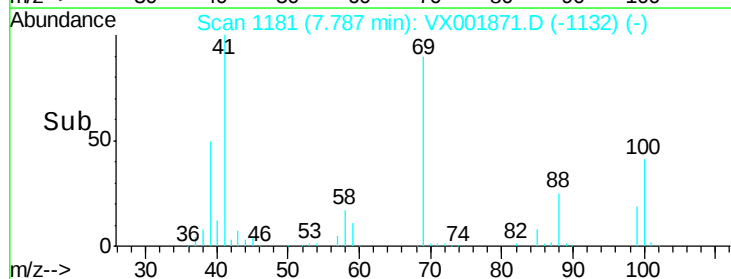
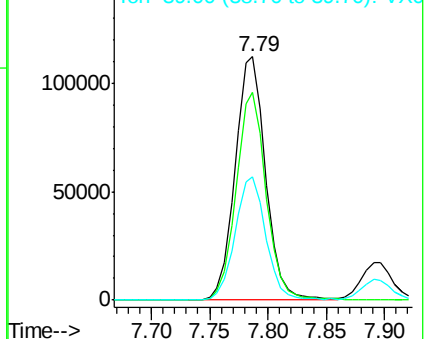
41 100

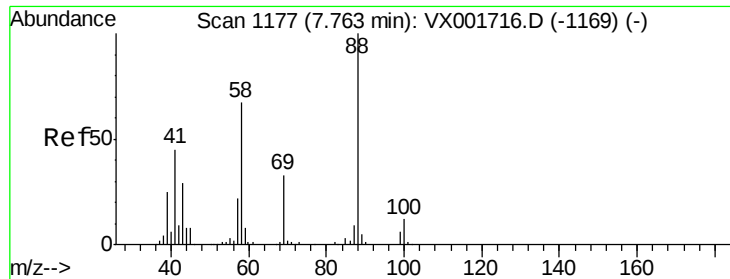
69 84.2 65.2 97.8

39 50.8 44.5 66.7



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

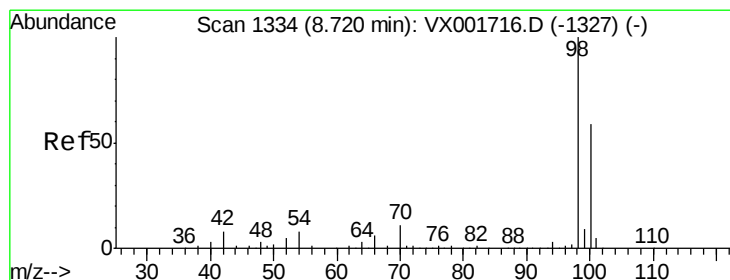
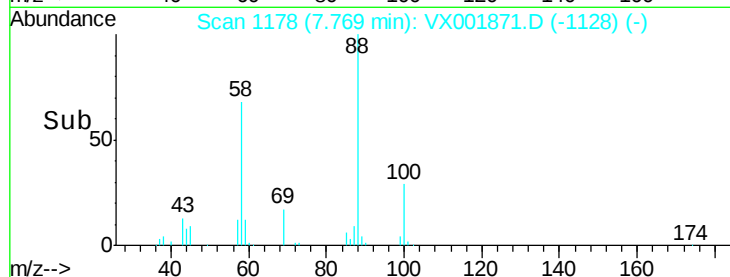
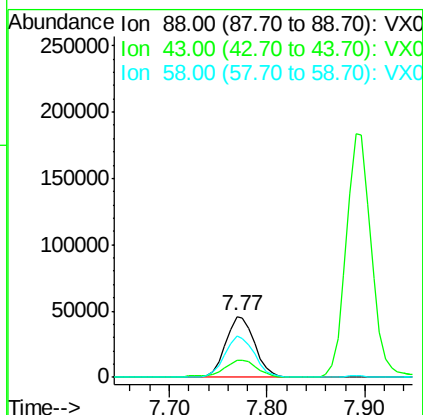
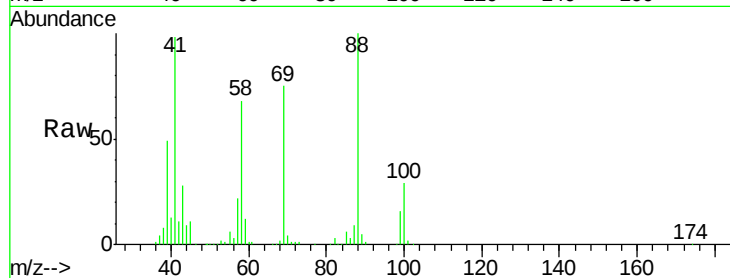




#49
1,4-Dioxane
Concen: 1322.62 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

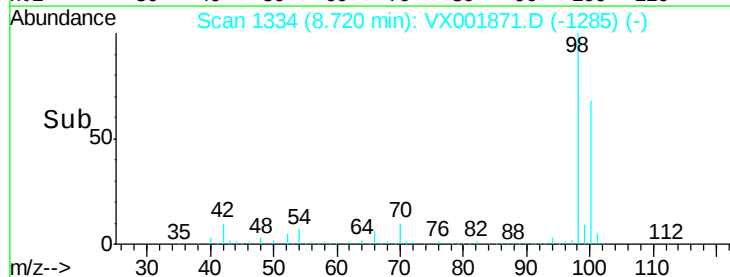
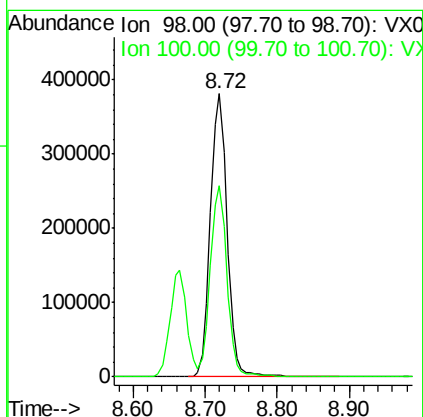
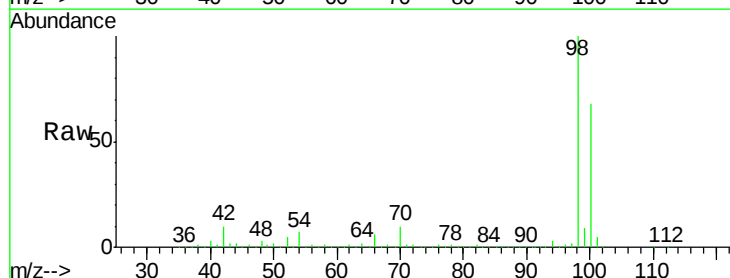
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

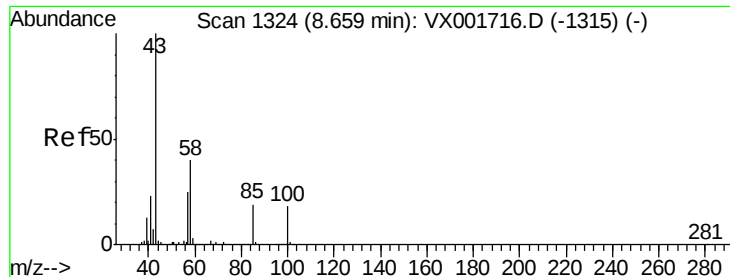
Tgt Ion: 88 Resp: 94454
Ion Ratio Lower Upper
88 100
43 32.1 27.3 40.9
58 68.4 55.9 83.9



#50
Toluene-d8
Concen: 54.18 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Tgt Ion: 98 Resp: 614607
Ion Ratio Lower Upper
98 100
100 67.6 54.0 81.0

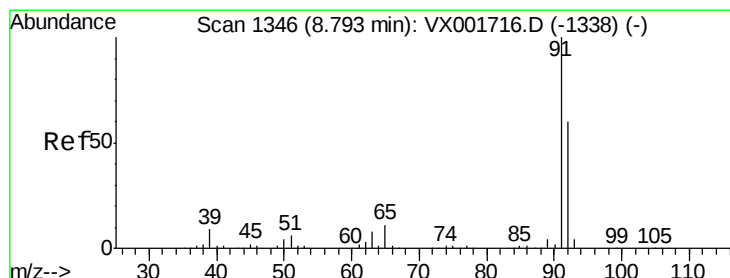
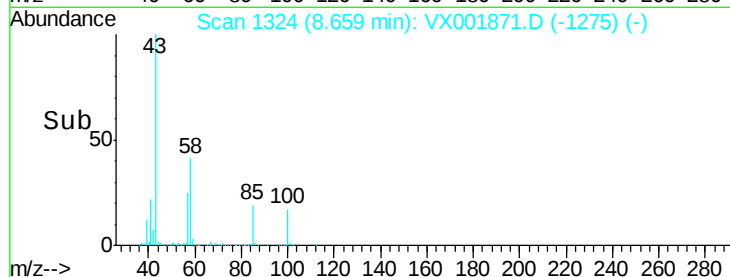
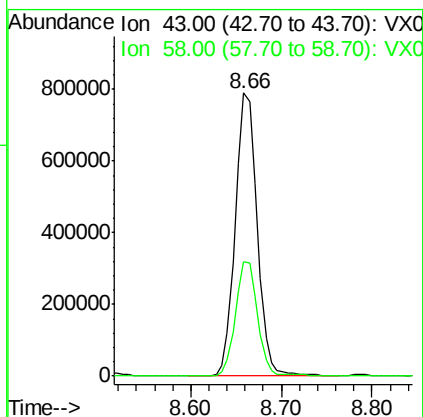
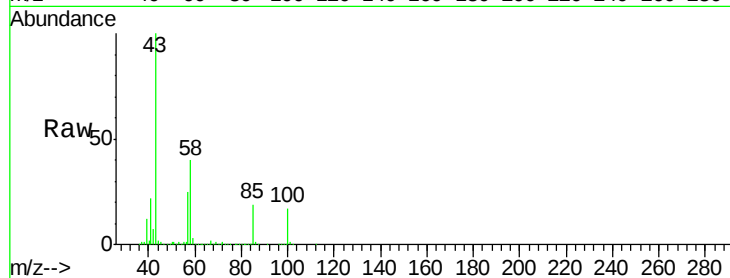




#51
 4-Methyl-2-Pentanone
 Concen: 298.14 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX001871.D
 Acq: 21 May 2018 11:02

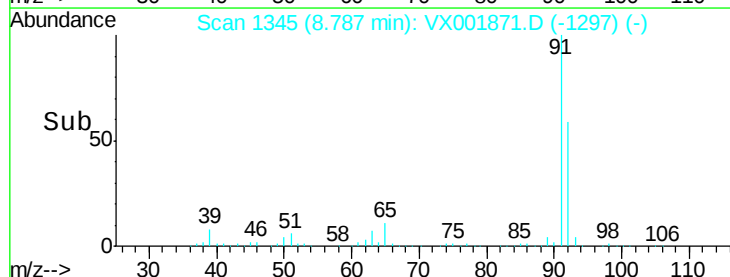
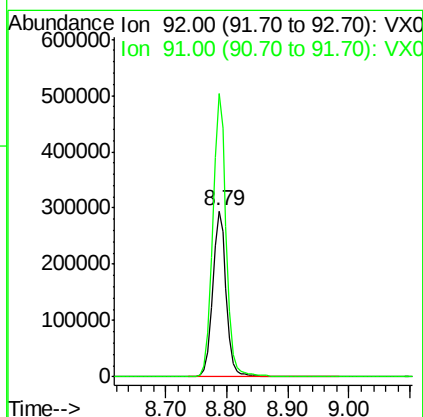
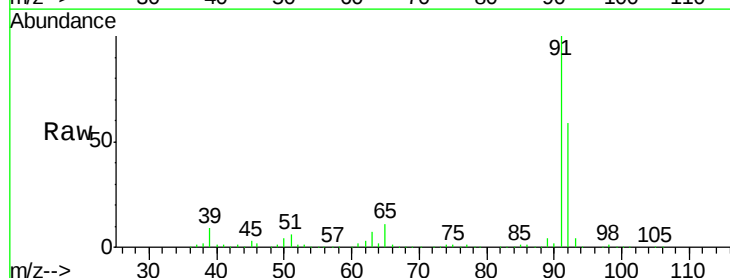
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

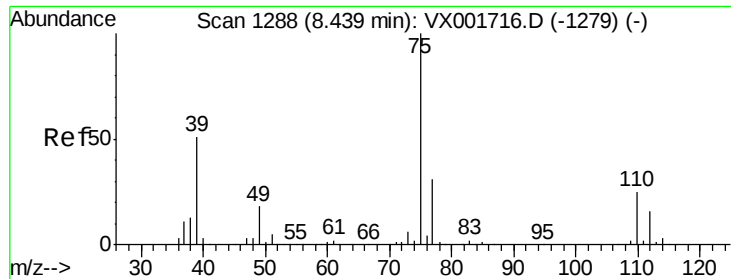
Tgt Ion: 43 Resp: 1331357
 Ion Ratio Lower Upper
 43 100
 58 40.9 31.4 47.0



#52
 Toluene
 Concen: 56.28 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001871.D
 Acq: 21 May 2018 11:02

Tgt Ion: 92 Resp: 460331
 Ion Ratio Lower Upper
 92 100
 91 170.0 135.5 203.3

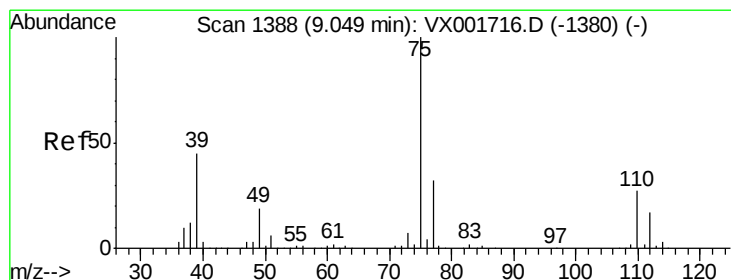
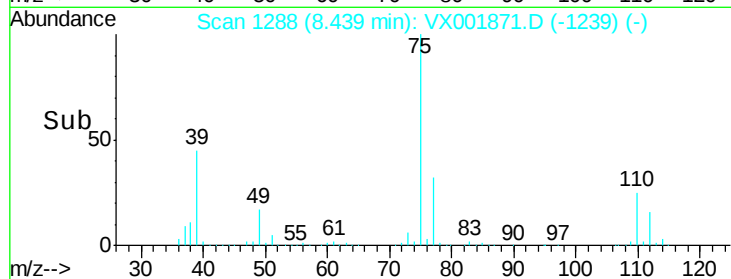
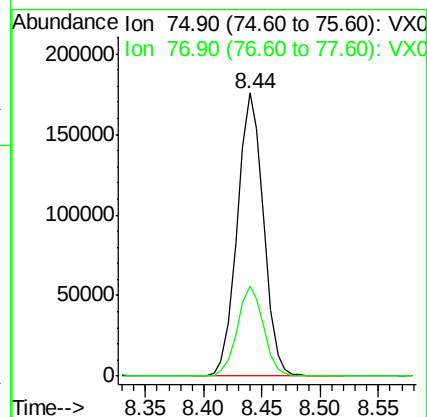
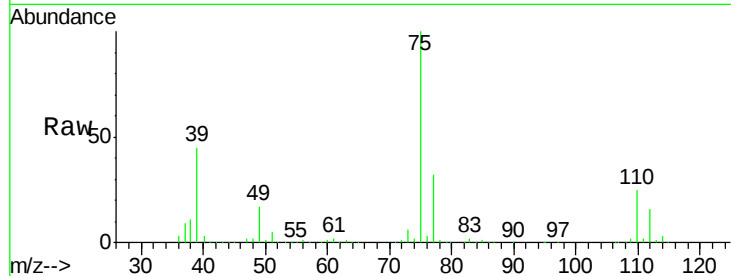




#53
t-1,3-Dichloropropene
Concen: 57.63 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

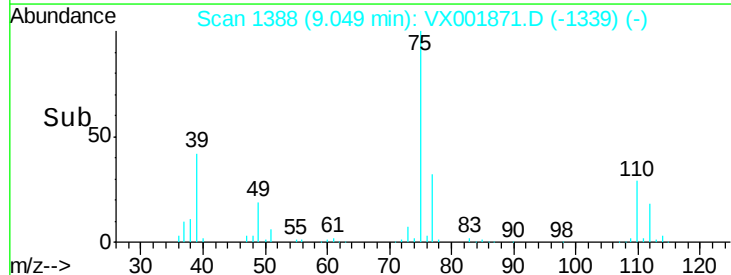
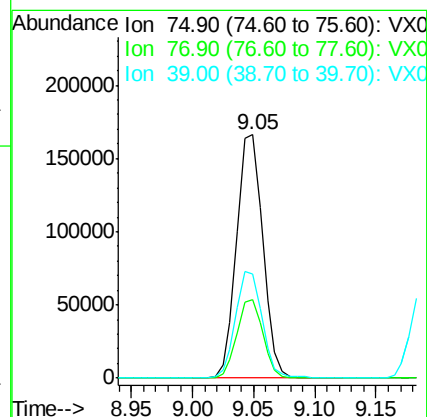
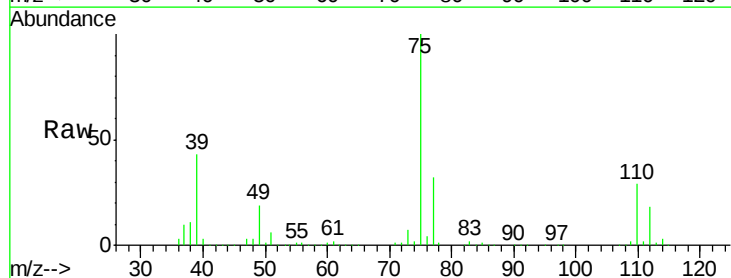
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

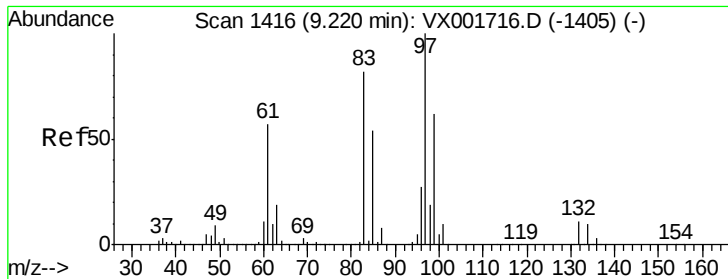
Tgt Ion: 75 Resp: 275966
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 58.42 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Tgt Ion: 75 Resp: 246561
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2
39 42.7 36.1 54.1

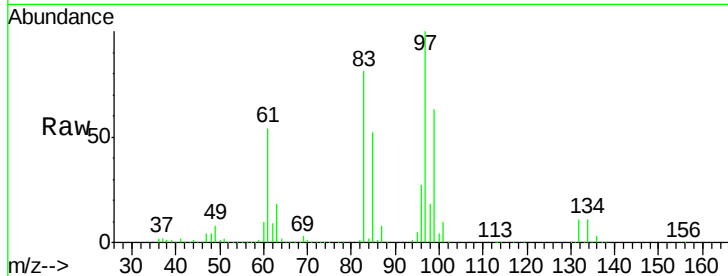




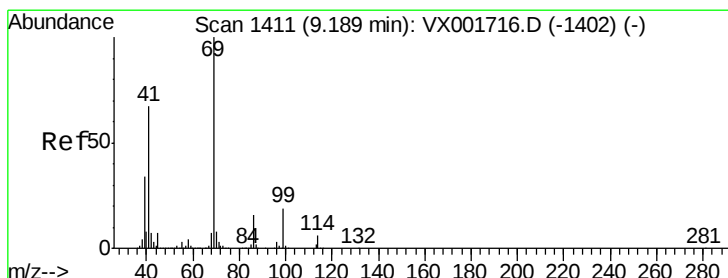
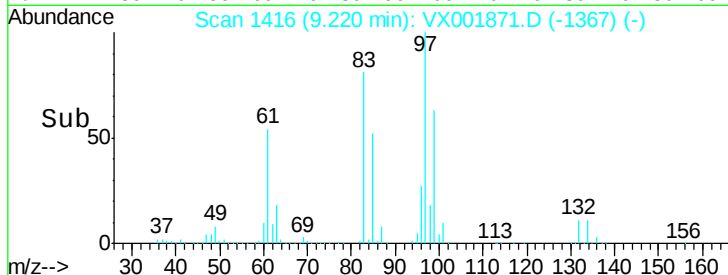
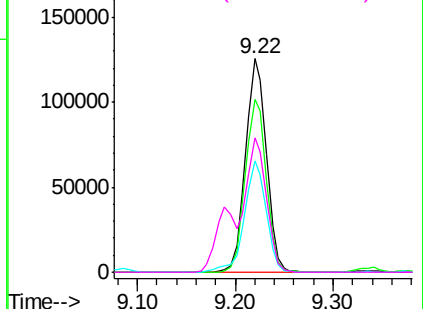
#55
 1,1,2-Trichloroethane
 Concen: 59.47 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001871.D
 Acq: 21 May 2018 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	185925
Ion	Ratio	Lower	Upper
97	100		
83	80.9	65.8	98.8
85	52.2	43.4	65.0
99	63.1	49.8	74.6

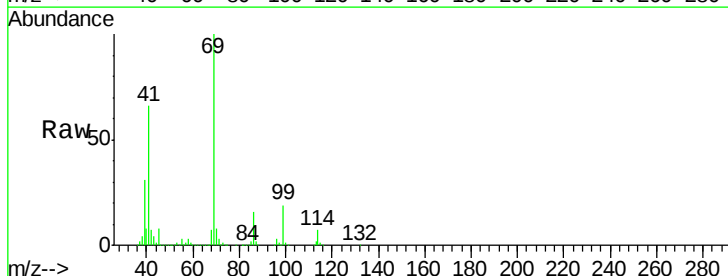


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

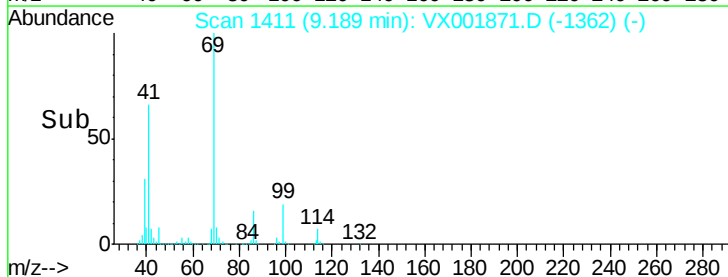
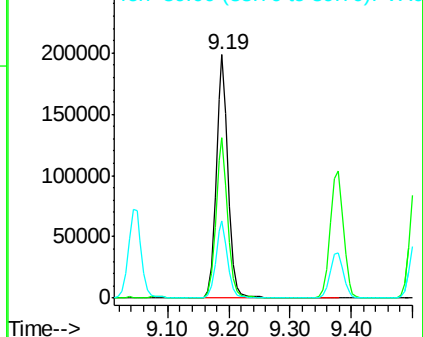


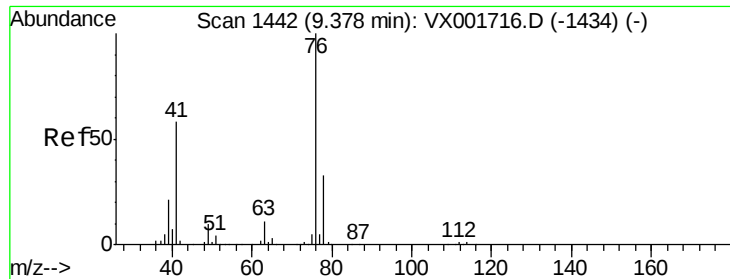
#56
 Ethyl methacrylate
 Concen: 62.08 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001871.D
 Acq: 21 May 2018 11:02

Tgt Ion:	69	Resp:	275240
Ion	Ratio	Lower	Upper
69	100		
41	65.4	53.5	80.3
39	31.5	27.2	40.8



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

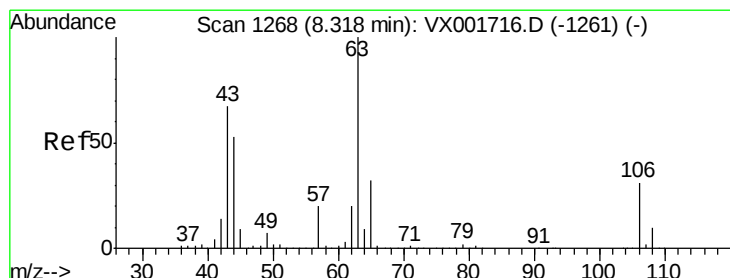
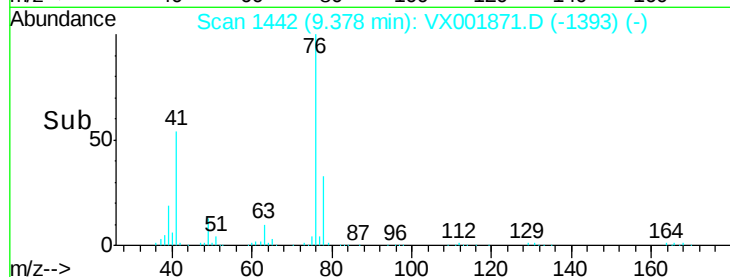
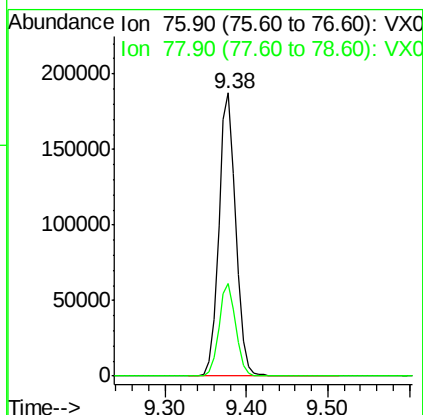
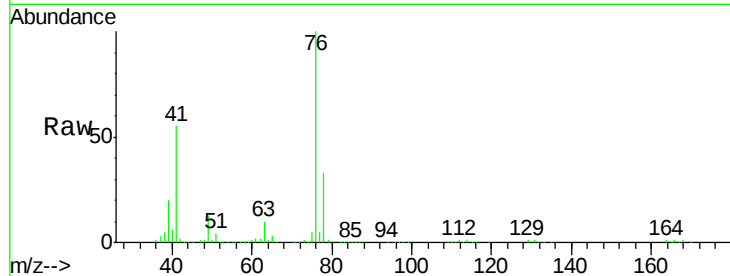




#57
 1,3-Dichloropropane
 Concen: 51.83 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001871.D
 Acq: 21 May 2018 11:02

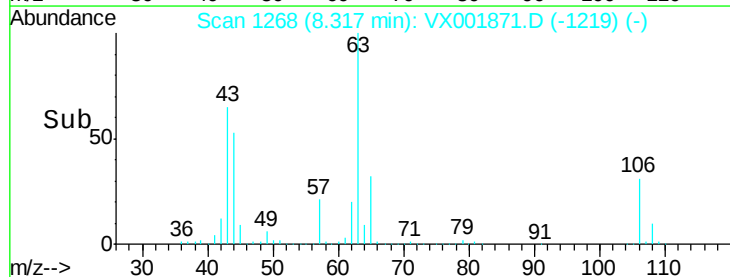
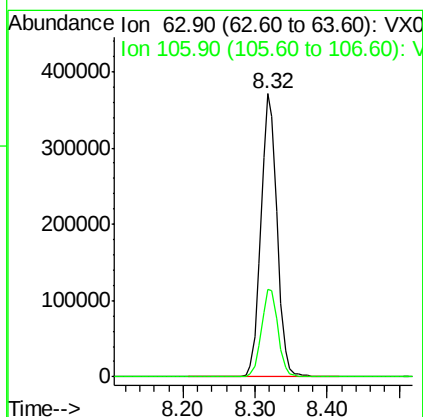
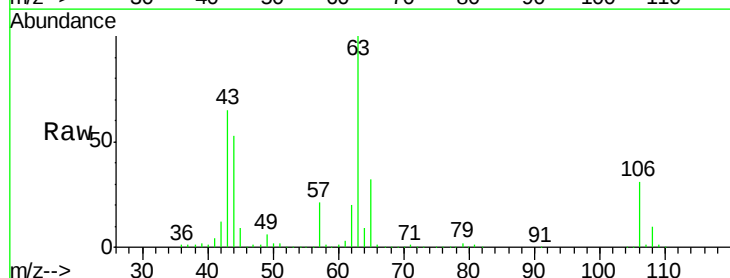
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

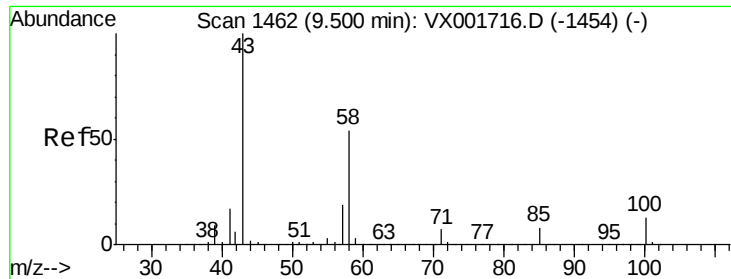
Tgt Ion: 76 Resp: 271274
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.08 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX001871.D
 Acq: 21 May 2018 11:02

Tgt Ion: 63 Resp: 584029
 Ion Ratio Lower Upper
 63 100
 106 31.7 25.1 37.7

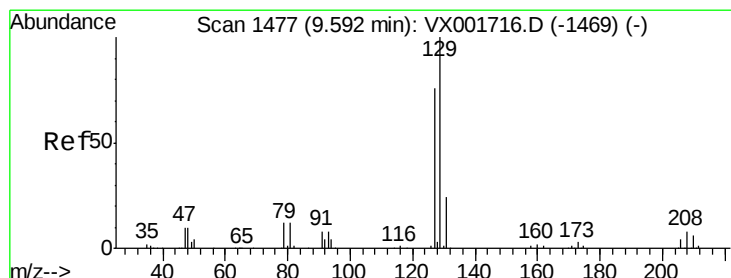
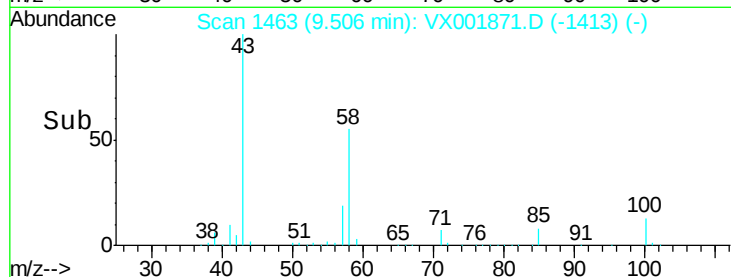
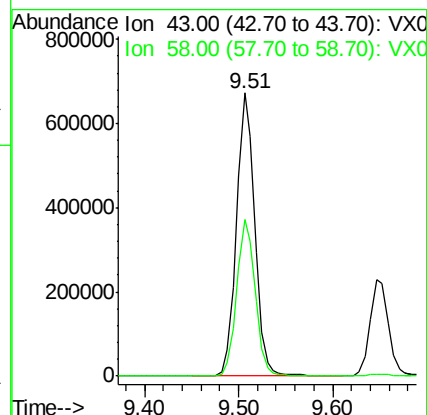
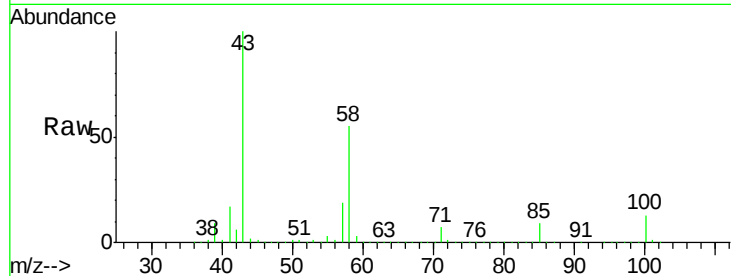




#59
2-Hexanone
Concen: 283.52 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

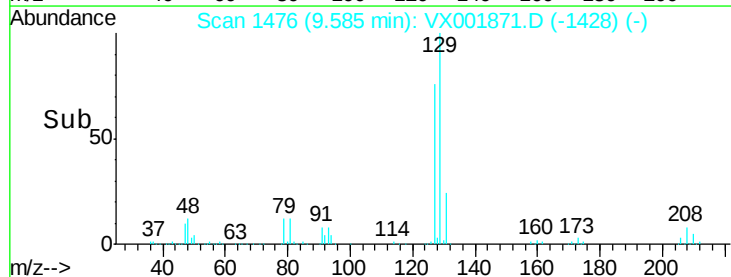
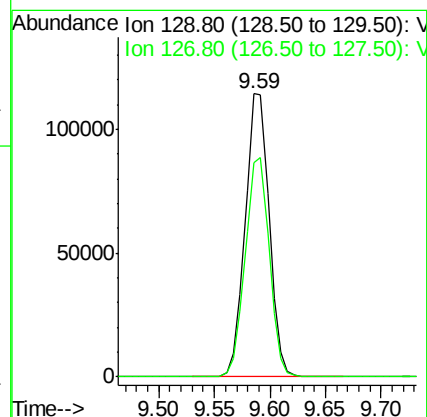
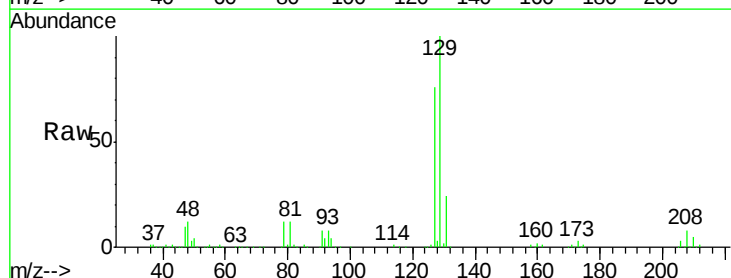
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

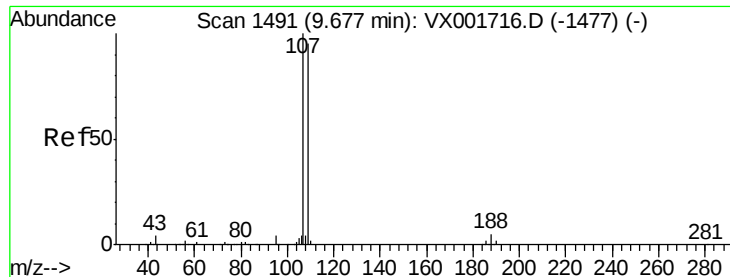
Tgt Ion: 43 Resp: 906331
Ion Ratio Lower Upper
43 100
58 56.0 27.7 83.1



#60
Dibromochloromethane
Concen: 53.49 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Tgt Ion: 129 Resp: 171253
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1





#61

1,2-Dibromoethane

Concen: 49.25 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

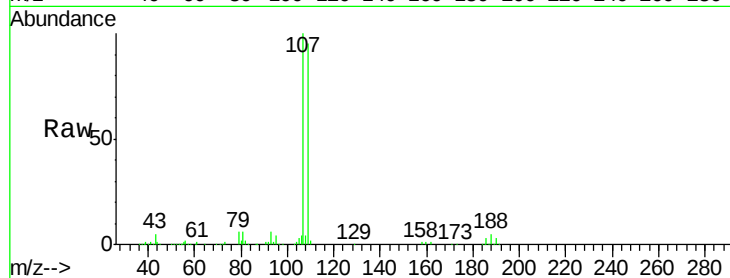
VSTDCCC050

Tgt Ion:107 Resp: 161185

Ion Ratio Lower Upper

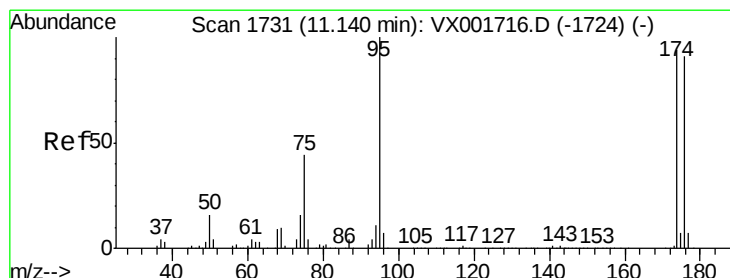
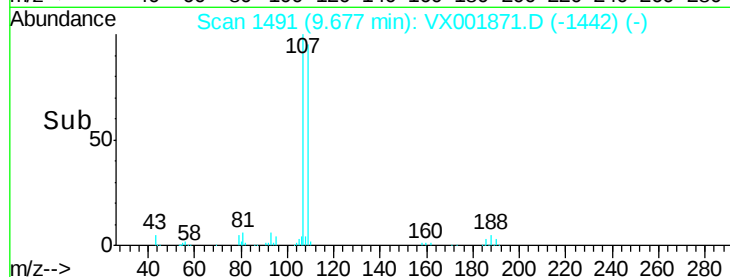
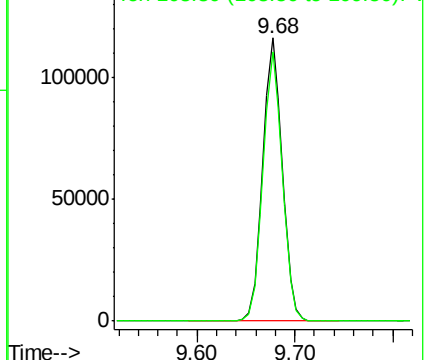
107 100

109 94.9 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.34 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

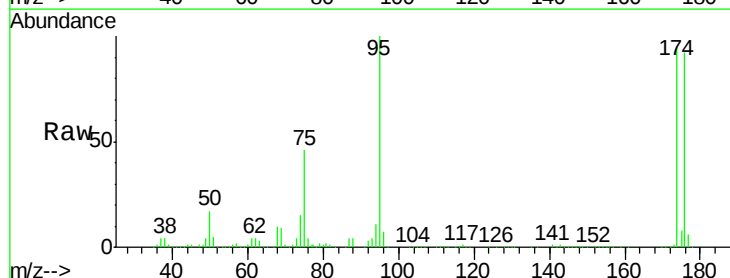
Tgt Ion: 95 Resp: 201519

Ion Ratio Lower Upper

95 100

174 103.9 0.0 201.8

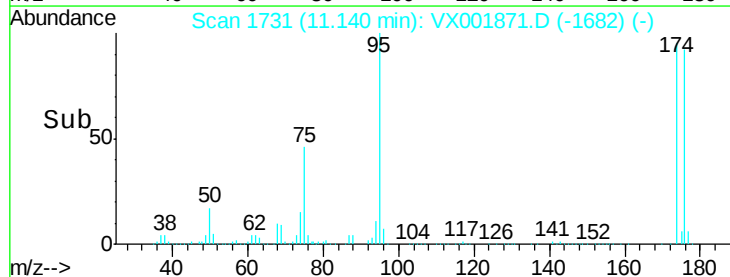
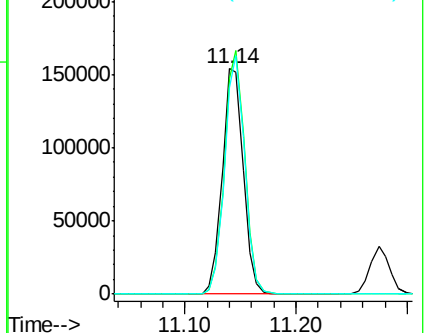
176 100.9 0.0 196.8

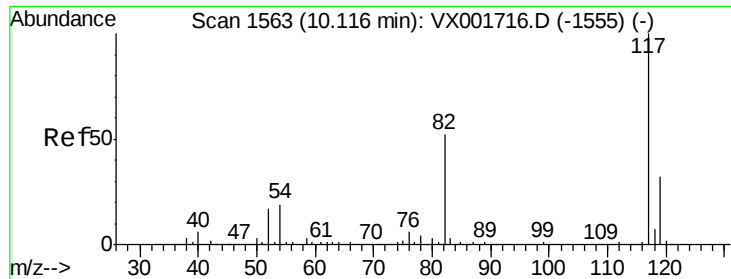


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

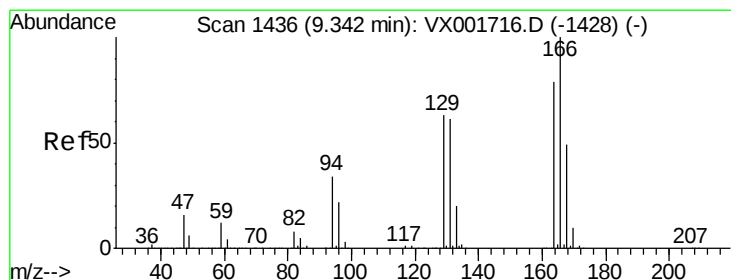
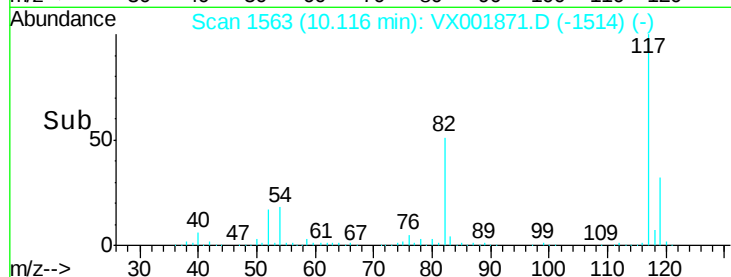
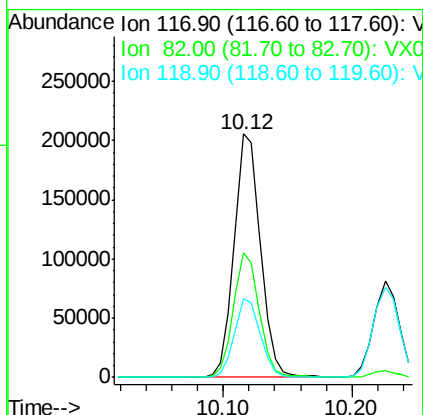
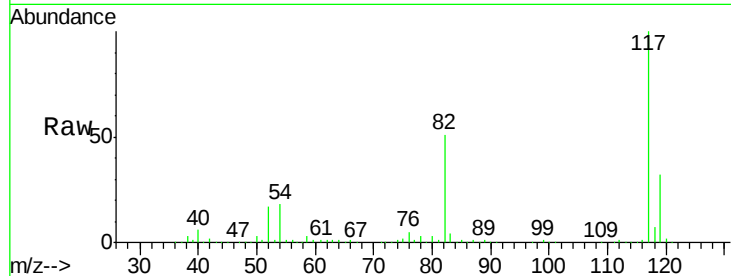




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

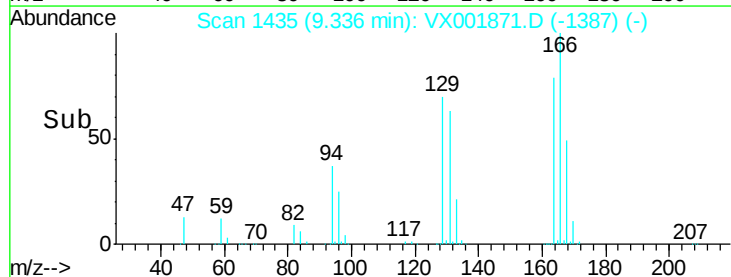
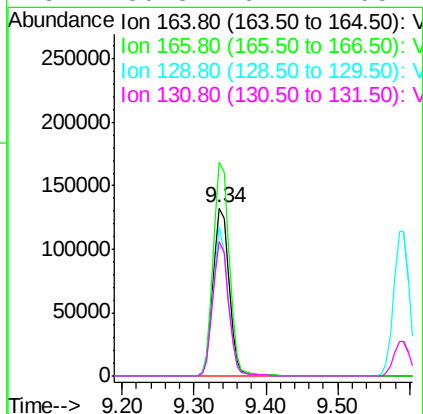
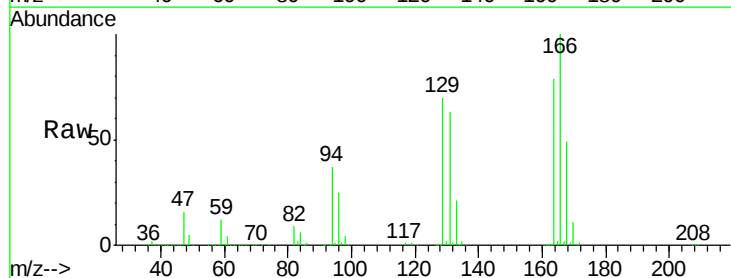
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

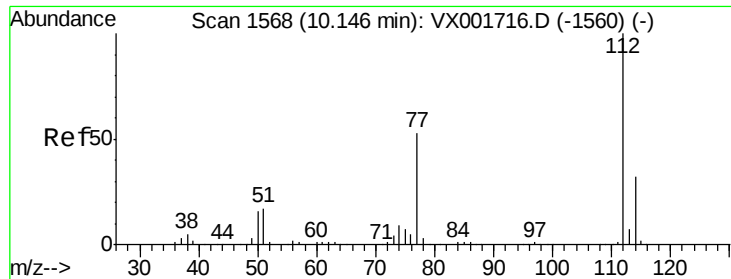
Tgt Ion:117 Resp: 295071
Ion Ratio Lower Upper
117 100
82 51.4 41.4 62.2
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 53.37 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Tgt Ion:164 Resp: 205008
Ion Ratio Lower Upper
164 100
166 127.3 101.8 152.8
129 89.4 63.8 95.6
131 80.3 62.2 93.2

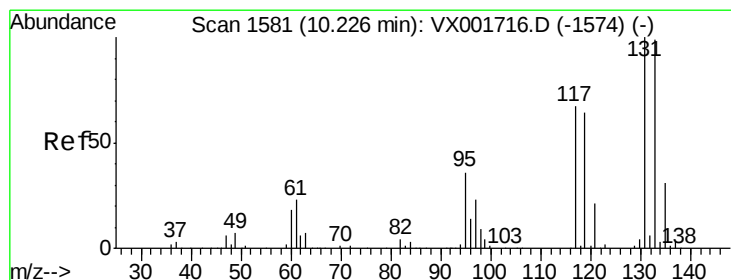
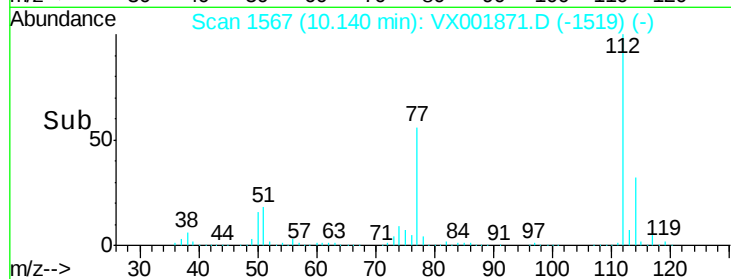
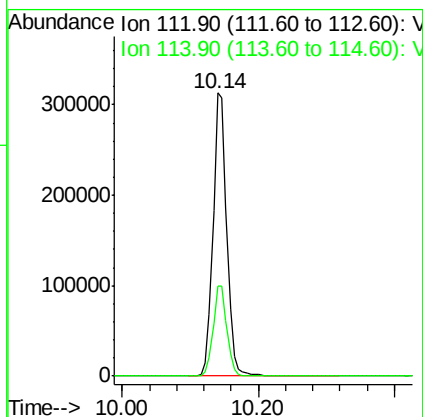
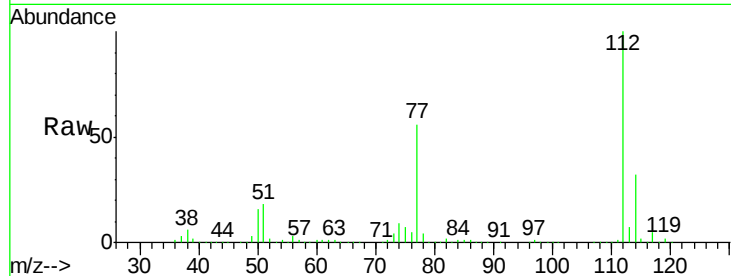




#65
Chlorobenzene
Concen: 53.91 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

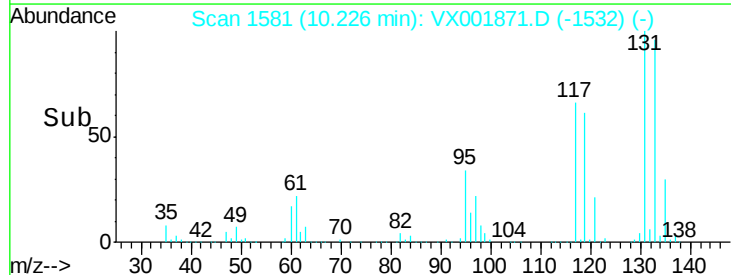
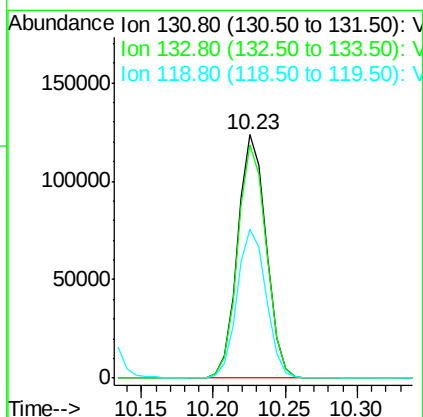
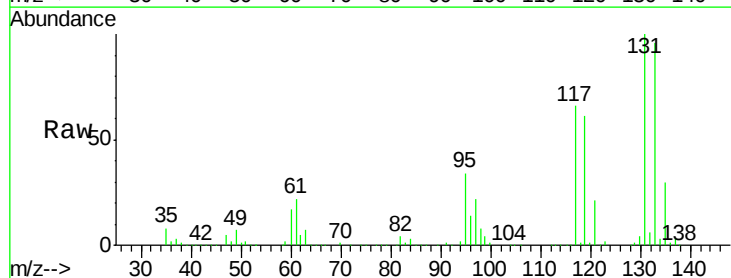
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

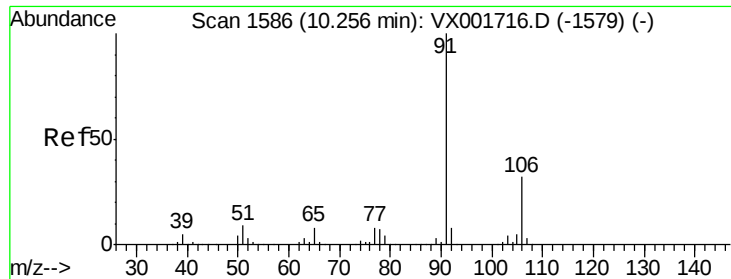
Tgt Ion:112 Resp: 437544
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 59.45 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Tgt Ion:131 Resp: 170424
Ion Ratio Lower Upper
131 100
133 96.0 48.5 145.6
119 62.4 31.9 95.5

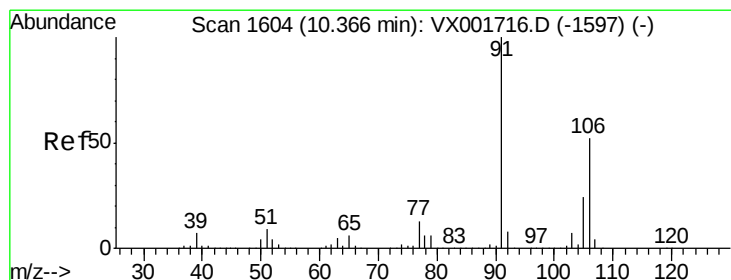
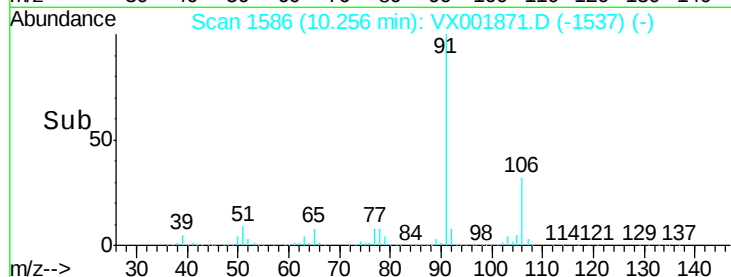
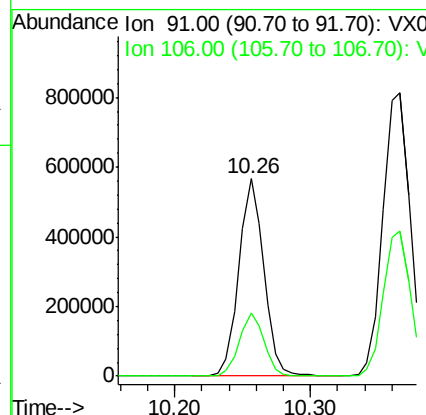
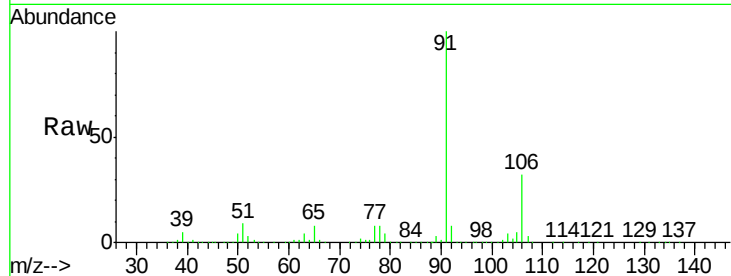




#67
Ethyl Benzene
Concen: 55.95 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

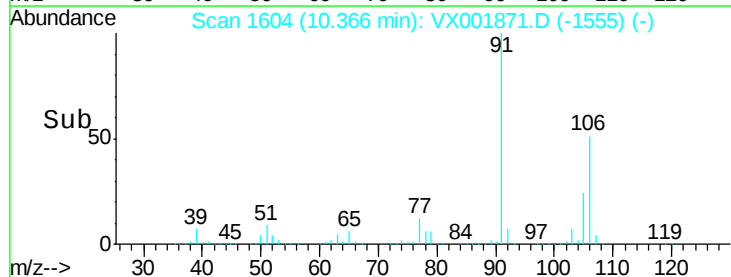
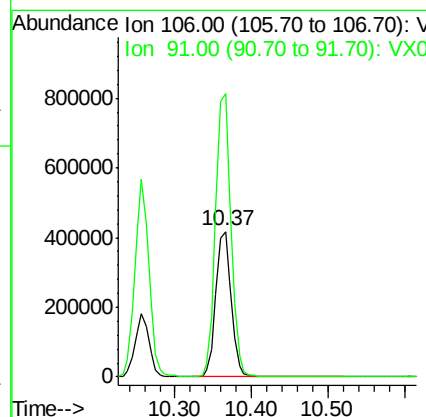
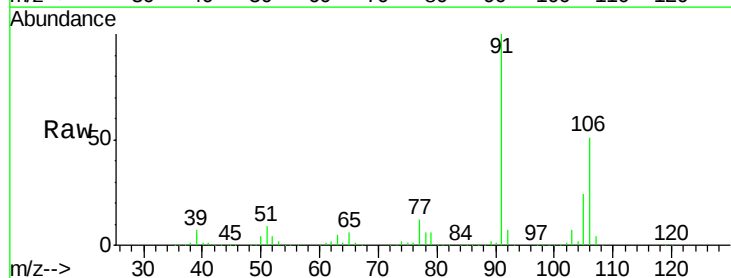
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

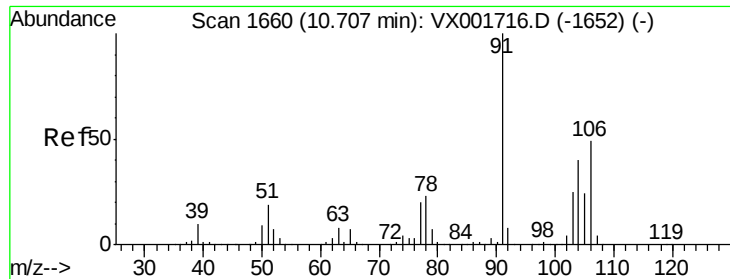
Tgt Ion: 91 Resp: 725736
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5



#68
m/p-Xylenes
Concen: 114.07 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Tgt Ion: 106 Resp: 583788
Ion Ratio Lower Upper
106 100
91 196.4 155.4 233.2

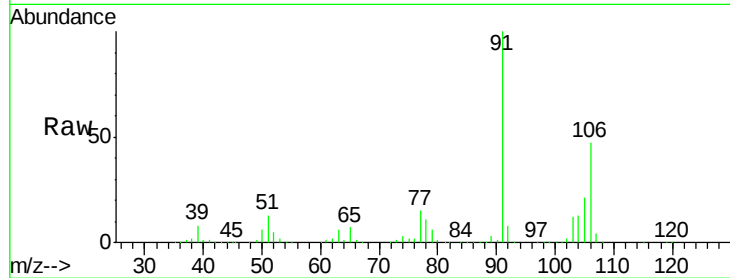




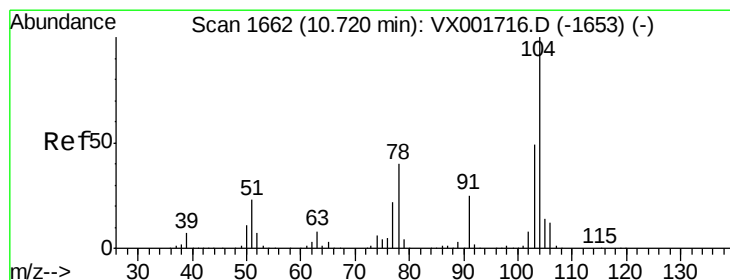
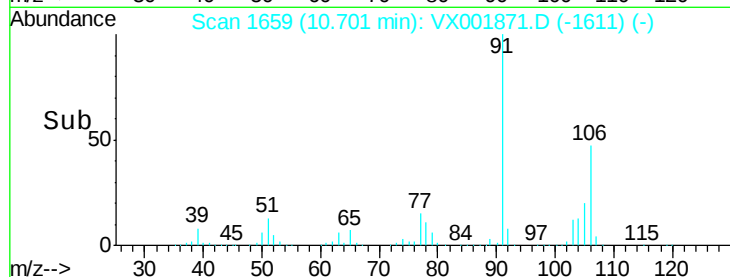
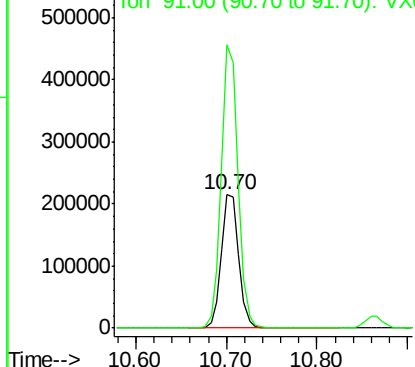
#69
o-Xylene
Concen: 58.47 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 286591
Ion Ratio Lower Upper
106 100
91 206.3 103.4 310.2

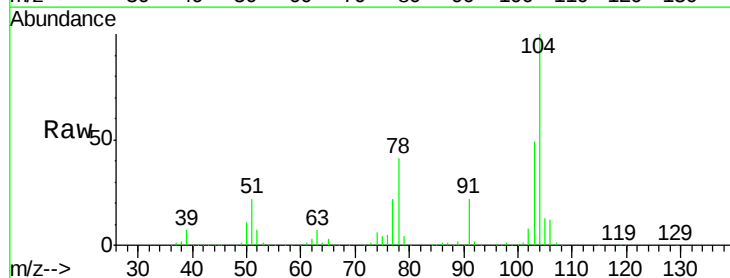


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

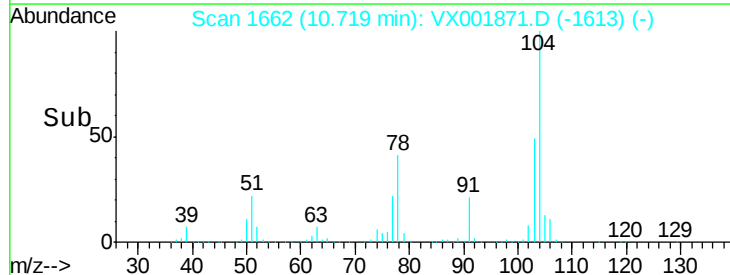
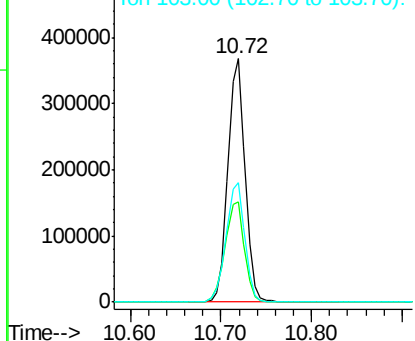


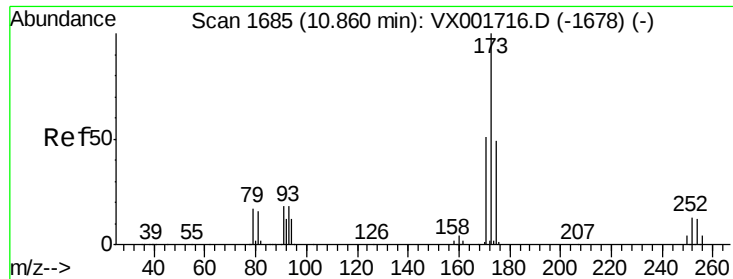
#70
Styrene
Concen: 59.97 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001871.D
Acq: 21 May 2018 11:02

Tgt Ion:104 Resp: 484730
Ion Ratio Lower Upper
104 100
78 46.5 37.3 55.9
103 54.2 43.7 65.5



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





#71

Bromoform

Concen: 57.41 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

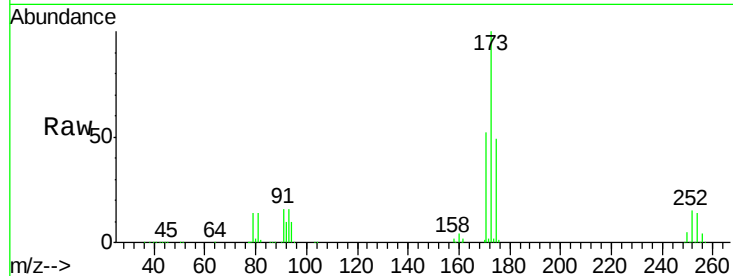
Tgt Ion:173 Resp: 154403

Ion Ratio Lower Upper

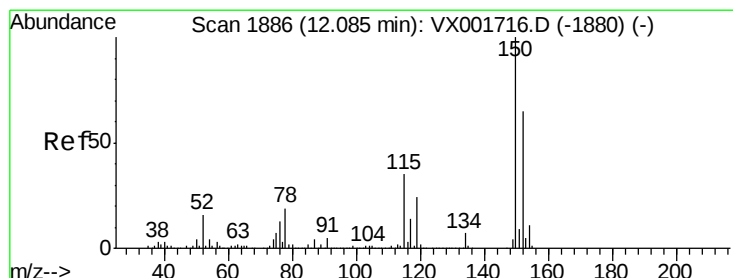
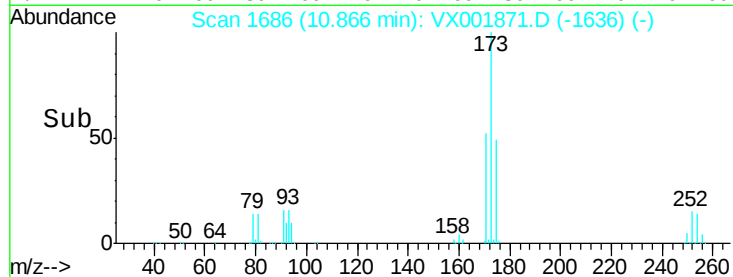
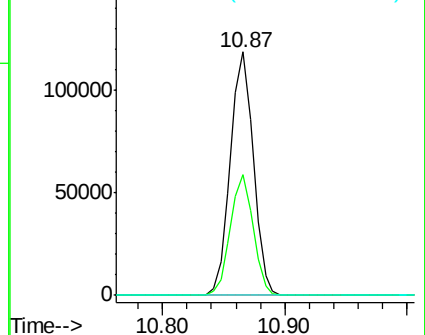
173 100

175 49.0 24.3 72.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

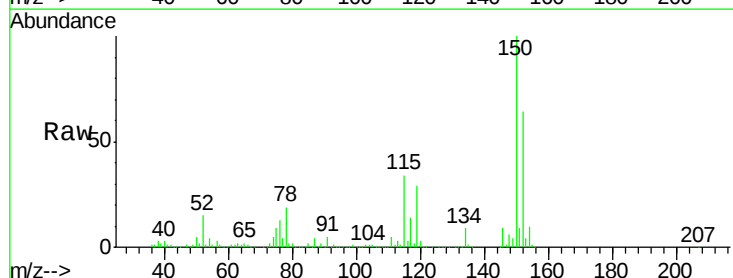
Tgt Ion:152 Resp: 216532

Ion Ratio Lower Upper

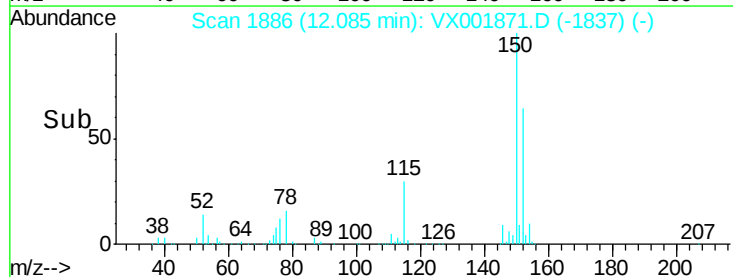
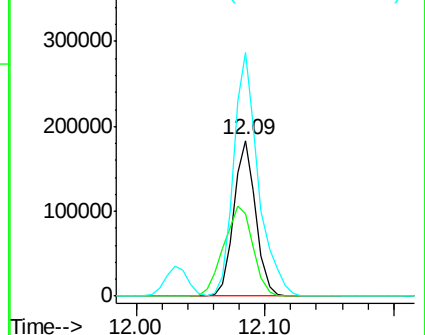
152 100

115 78.0 37.4 112.2

150 177.4 0.0 344.8



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: 54.97 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

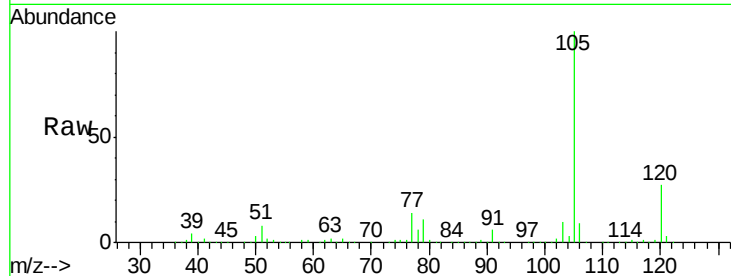
VSTDCCC050

Tgt Ion: 105 Resp: 783883

Ion Ratio Lower Upper

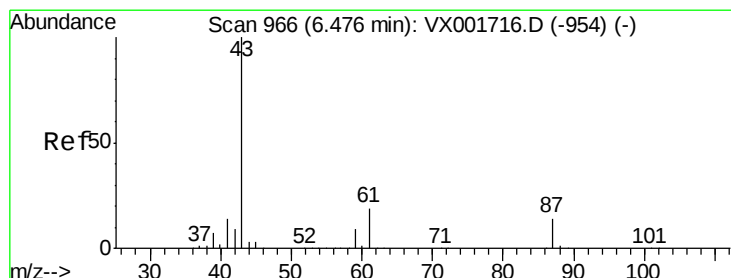
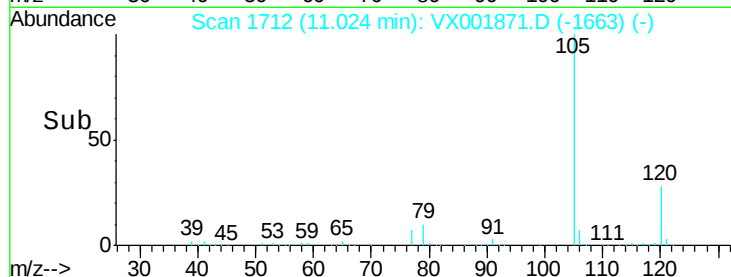
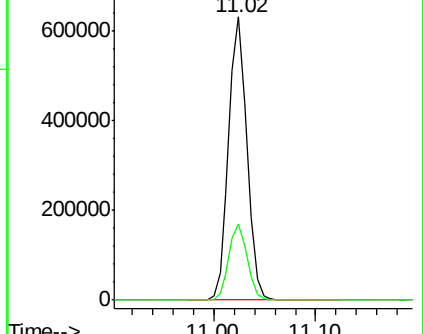
105 100

120 27.1 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.85 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Tgt Ion: 43 Resp: 374999

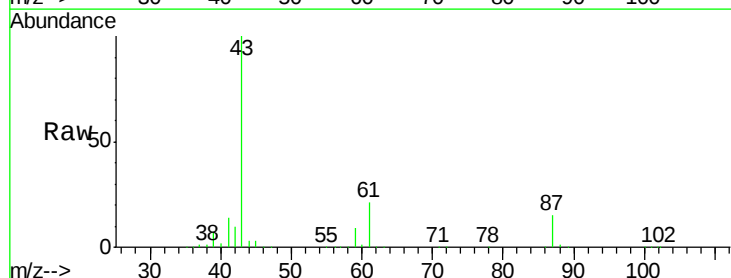
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 21.0 15.8 23.8

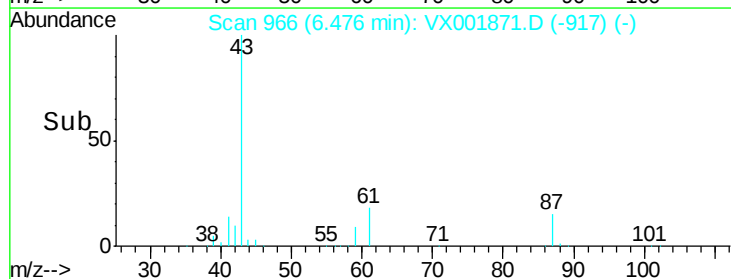
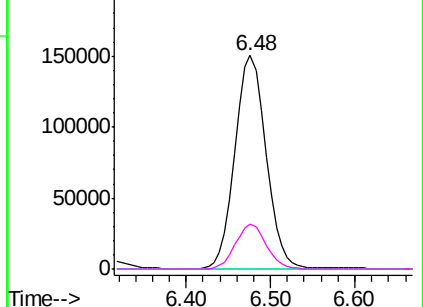


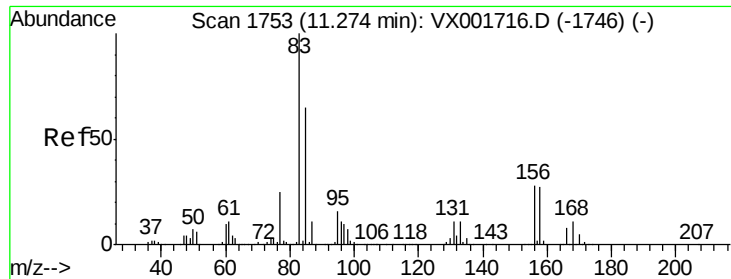
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 59.58 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

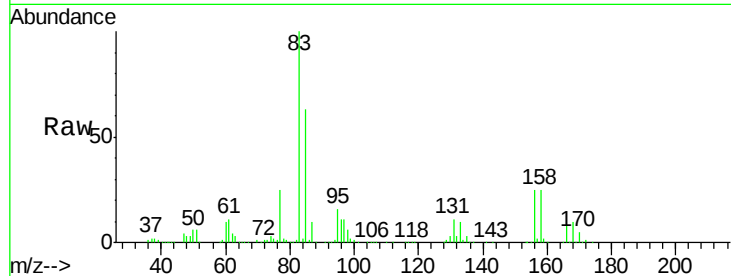
Tgt Ion: 83 Resp: 254876

Ion Ratio Lower Upper

83 100

131 11.7 5.7 17.0

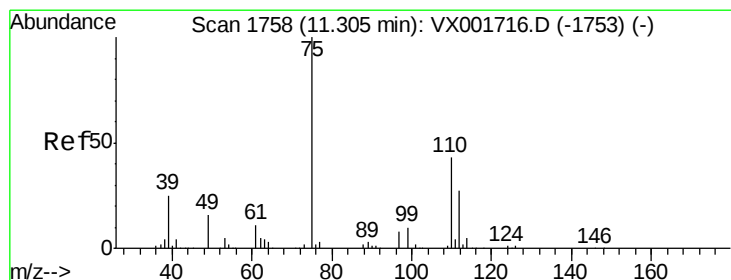
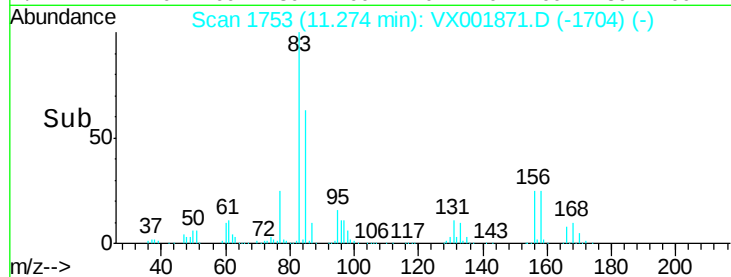
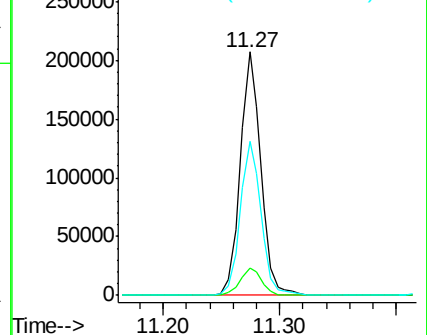
85 64.3 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 70.85 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX001871.D

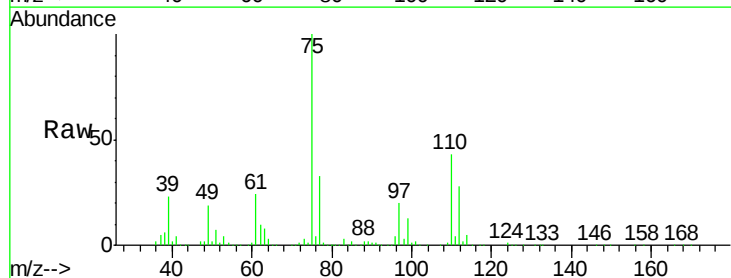
Acq: 21 May 2018 11:02

Tgt Ion: 75 Resp: 291730

Ion Ratio Lower Upper

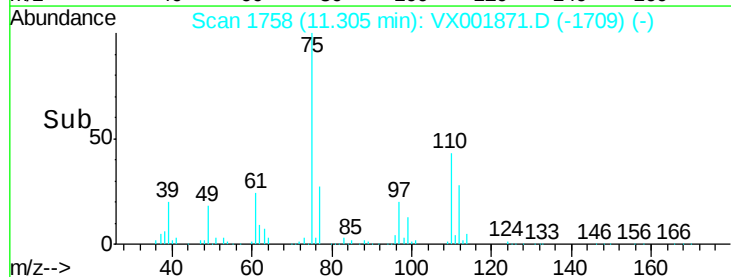
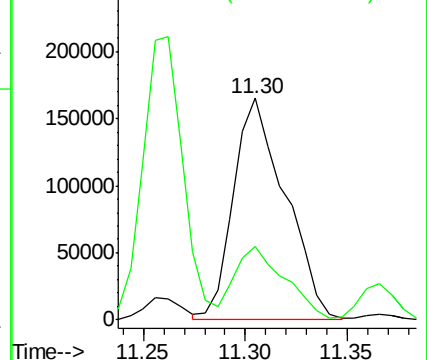
75 100

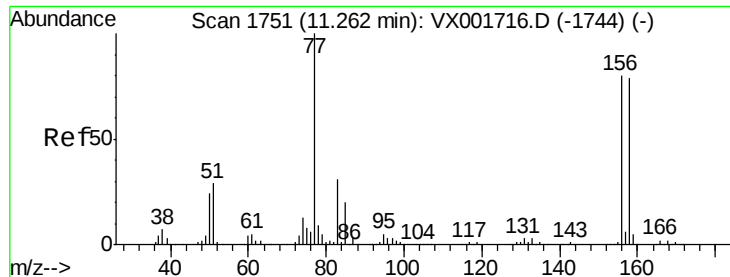
77 31.8 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.70 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

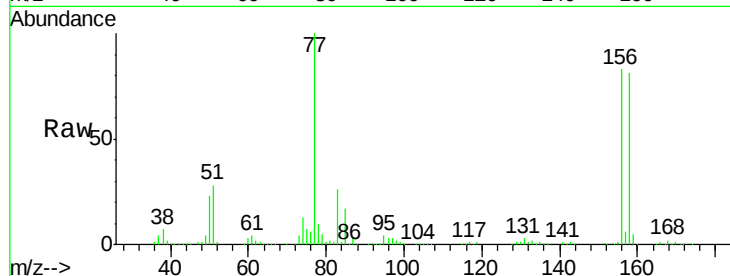
Tgt Ion:156 Resp: 225032

Ion Ratio Lower Upper

156 100

77 128.0 65.3 196.0

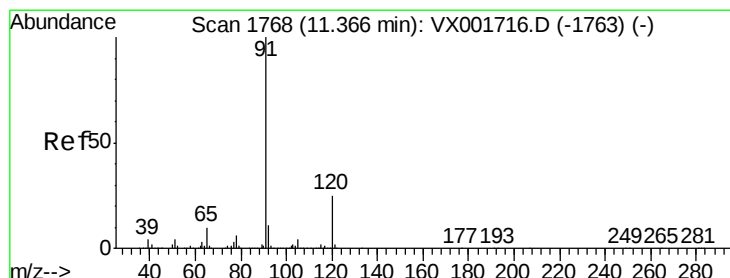
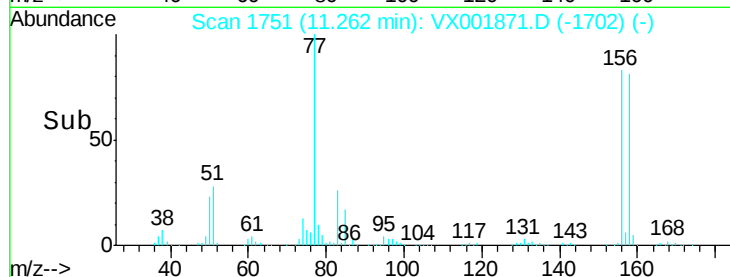
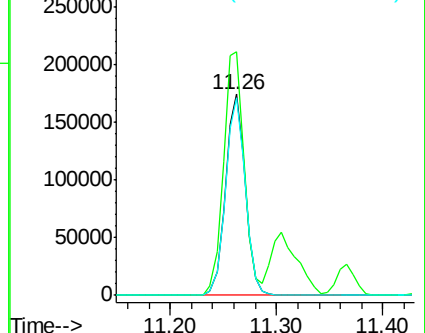
158 98.7 49.1 147.3



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: 54.30 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001871.D

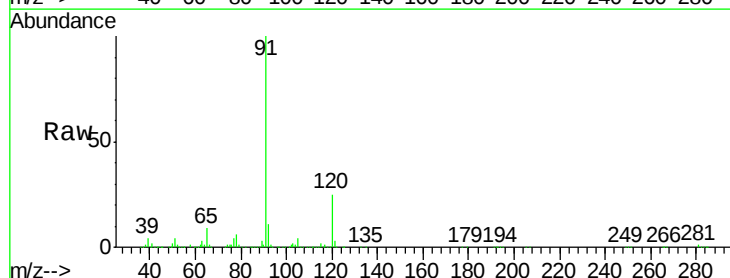
Acq: 21 May 2018 11:02

Tgt Ion: 91 Resp: 872403

Ion Ratio Lower Upper

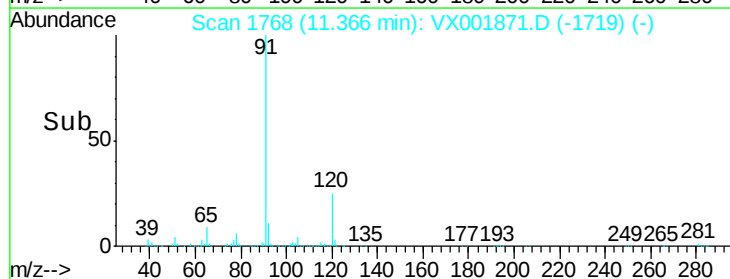
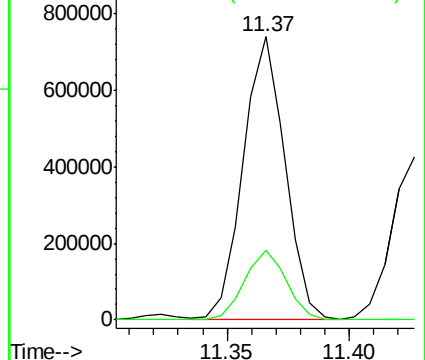
91 100

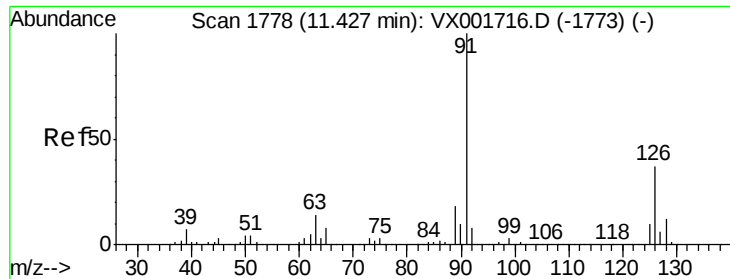
120 24.9 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.69 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

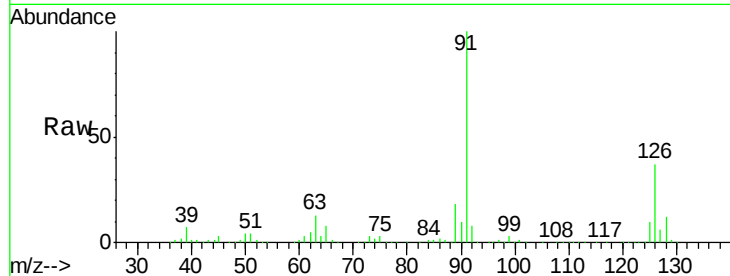
VSTDCCC050

Tgt Ion: 91 Resp: 525433

Ion Ratio Lower Upper

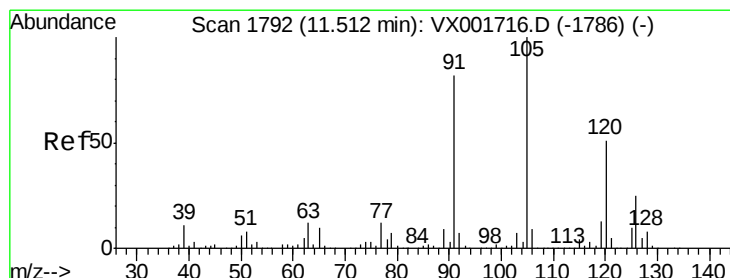
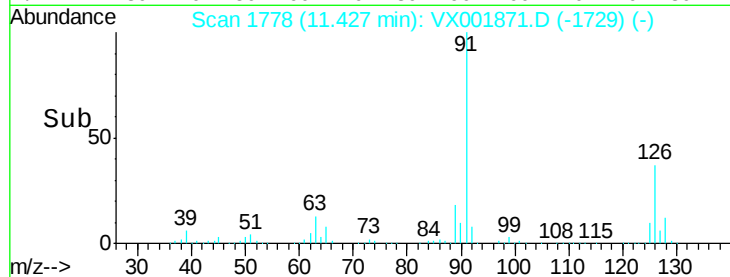
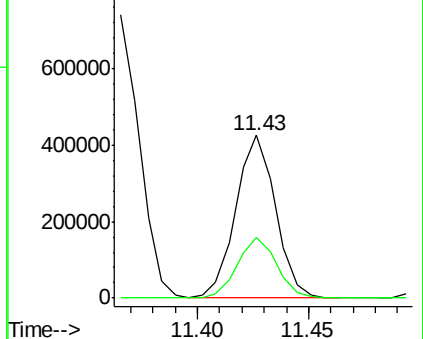
91 100

126 37.2 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 58.18 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001871.D

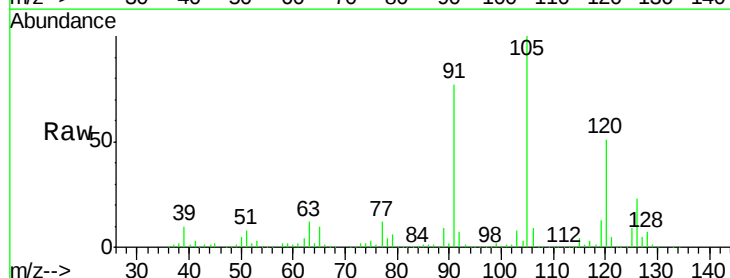
Acq: 21 May 2018 11:02

Tgt Ion: 105 Resp: 680663

Ion Ratio Lower Upper

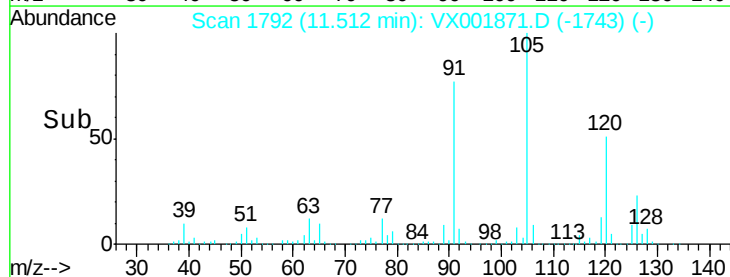
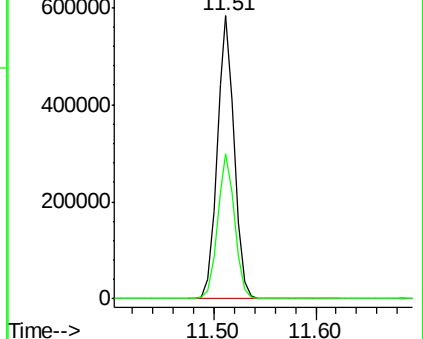
105 100

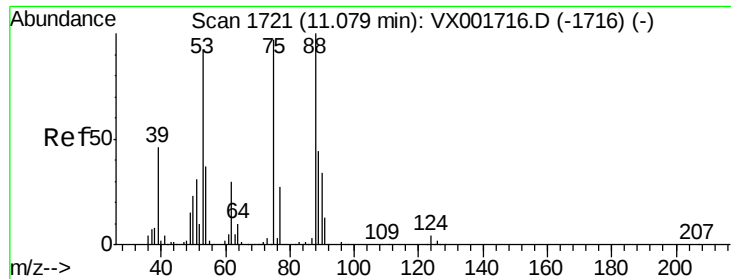
120 51.4 25.7 77.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 53.39 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

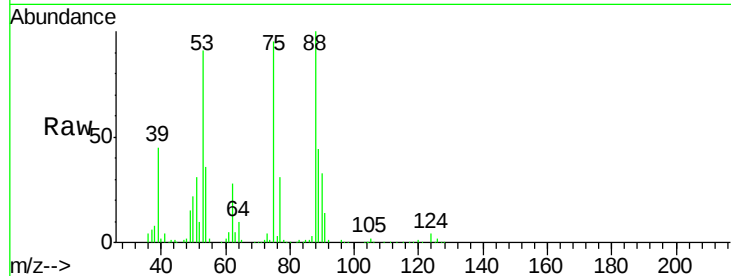
Tgt Ion: 75 Resp: 74106

Ion Ratio Lower Upper

75 100

53 94.8 79.4 119.2

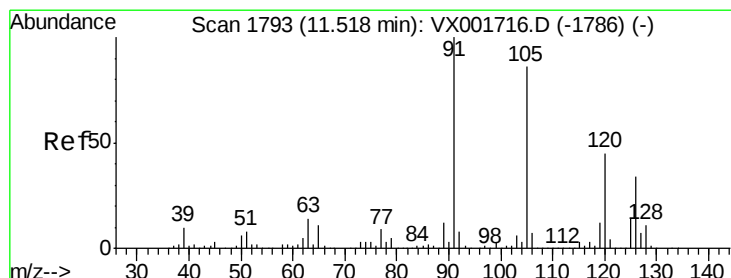
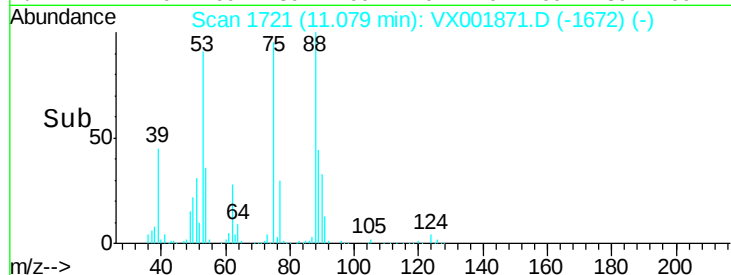
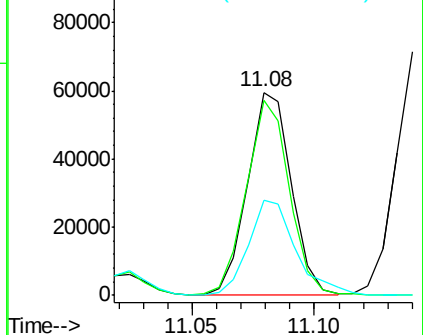
89 51.4 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 54.44 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001871.D

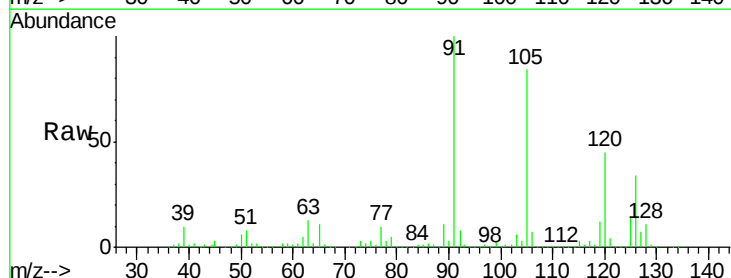
Acq: 21 May 2018 11:02

Tgt Ion: 91 Resp: 616224

Ion Ratio Lower Upper

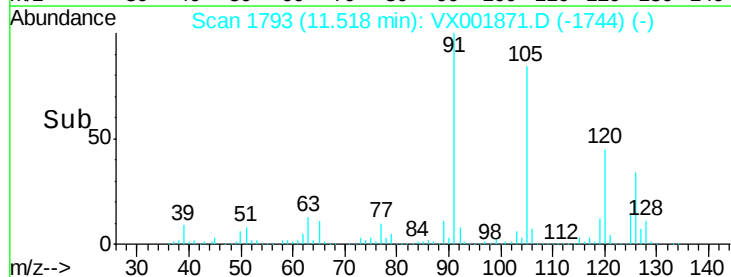
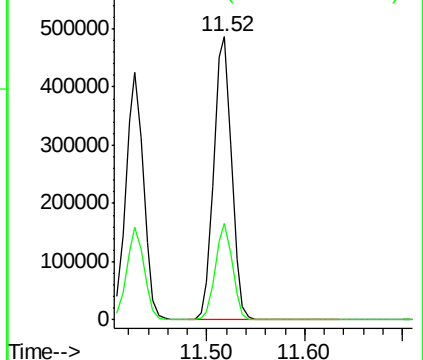
91 100

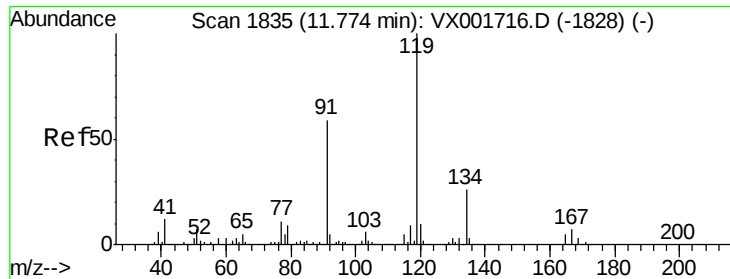
126 32.8 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

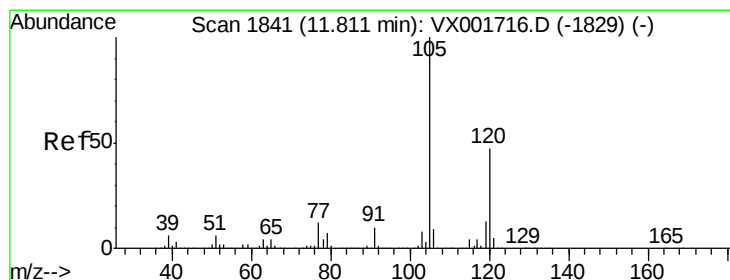
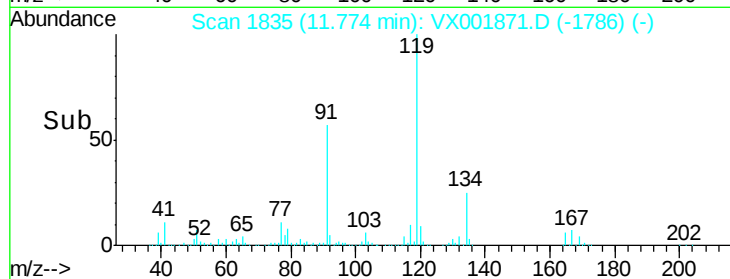
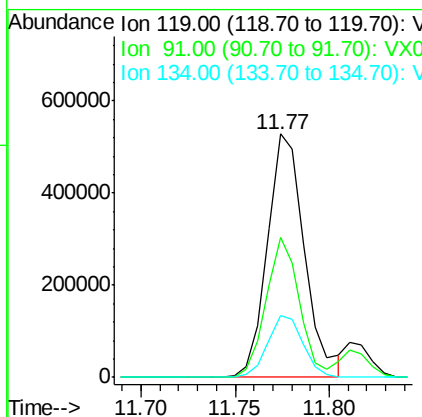
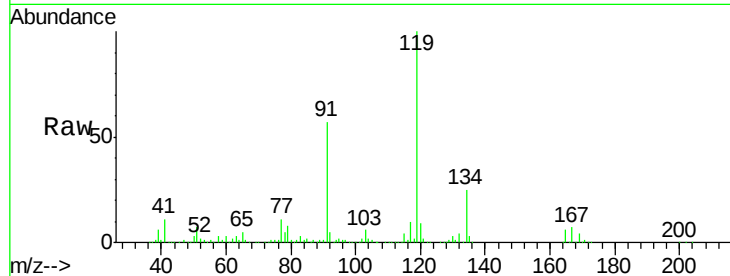




#83
 tert-Butylbenzene
 Concen: 61.92 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001871.D
 Acq: 21 May 2018 11:02

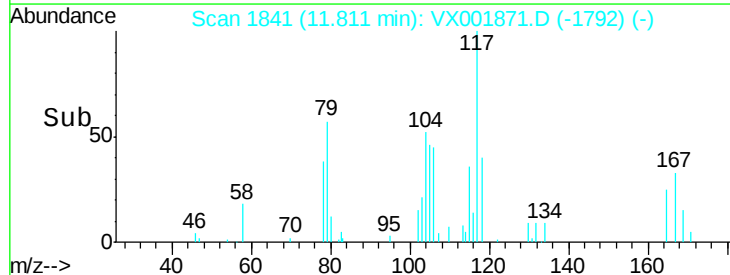
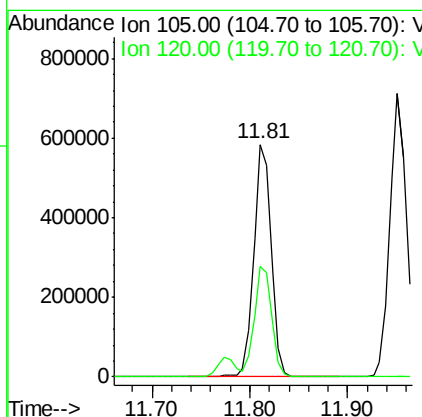
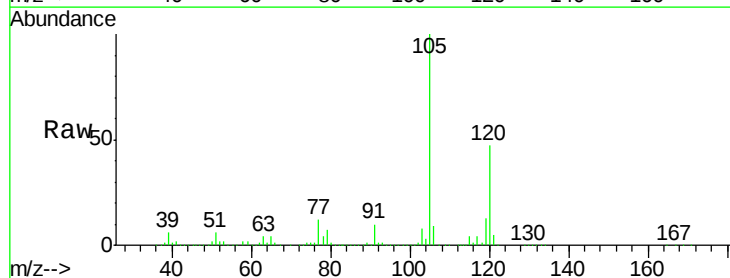
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

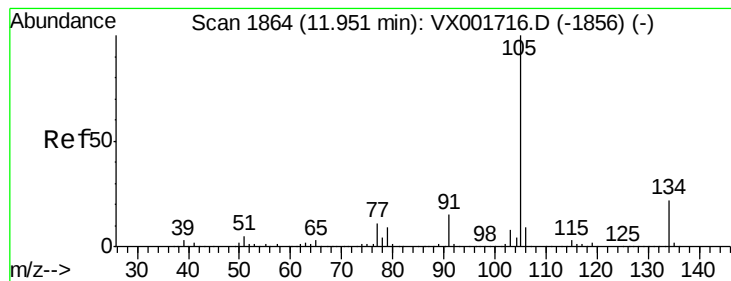
Tgt Ion:119 Resp: 720859
 Ion Ratio Lower Upper
 119 100
 91 51.6 27.7 83.0
 134 24.1 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 59.27 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001871.D
 Acq: 21 May 2018 11:02

Tgt Ion:105 Resp: 718021
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.5 70.5





#85

sec-Butylbenzene

Concen: 58.27 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

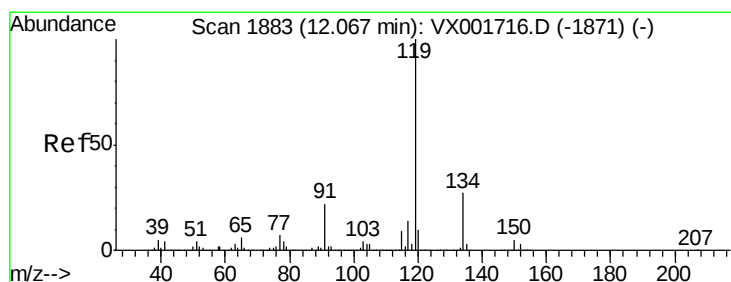
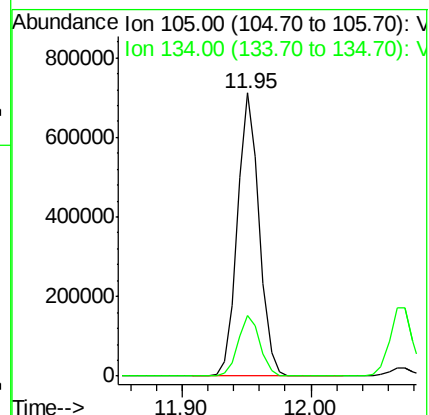
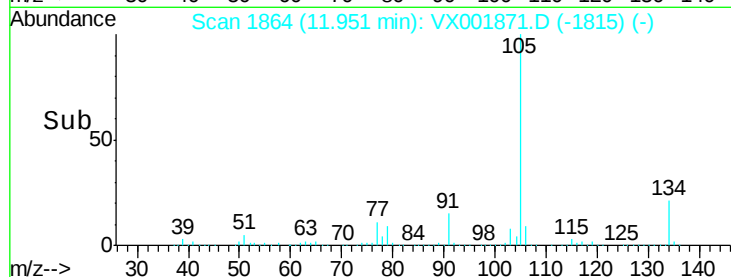
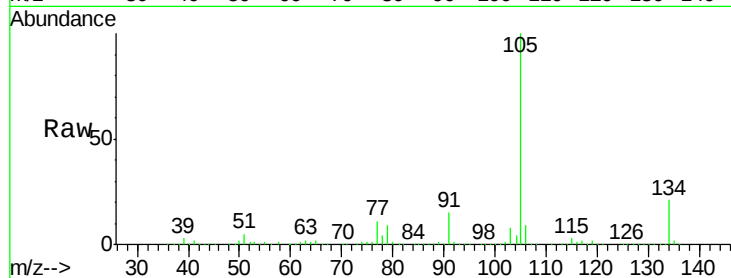
VSTDCCC050

Tgt Ion:105 Resp: 837436

Ion Ratio Lower Upper

105 100

134 21.7 10.9 32.6



#86

p-Isopropyltoluene

Concen: 59.19 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

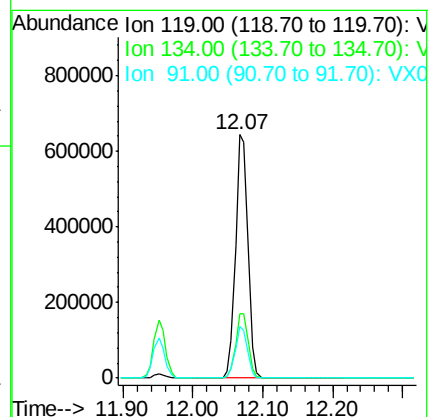
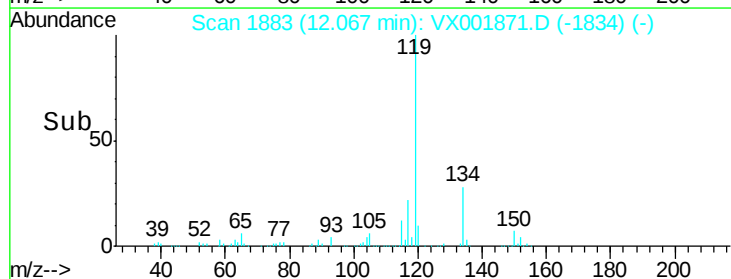
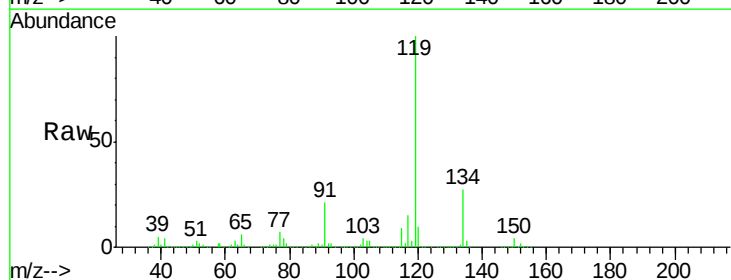
Tgt Ion:119 Resp: 787036

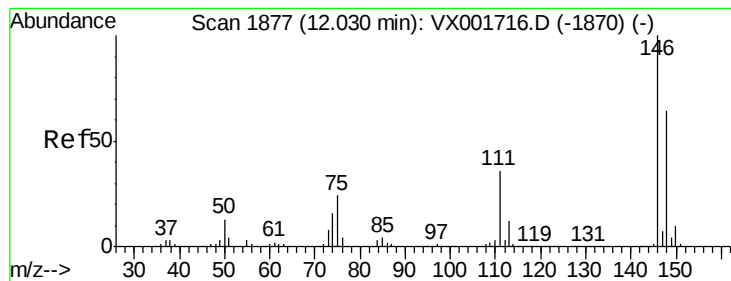
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

91 20.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 55.24 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

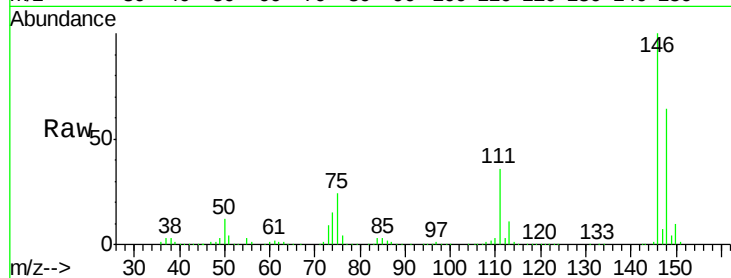
Tgt Ion:146 Resp: 428044

Ion Ratio Lower Upper

146 100

111 35.6 17.8 53.4

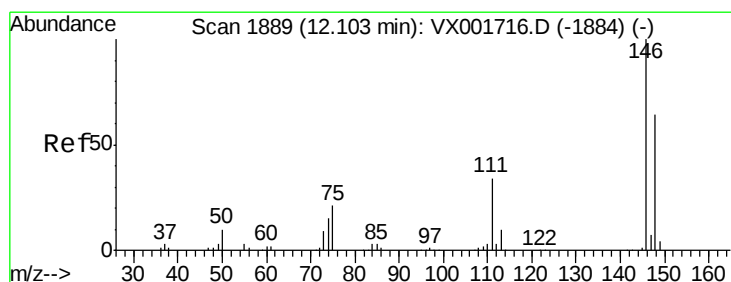
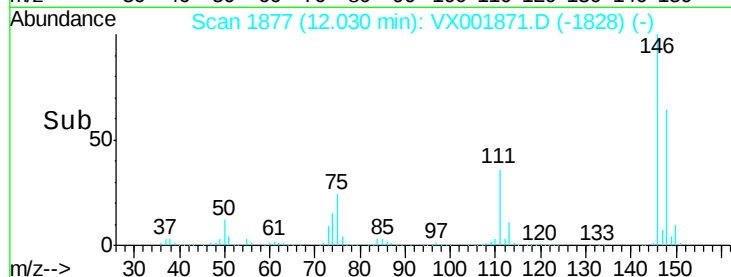
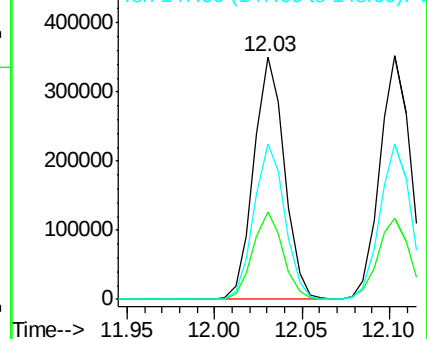
148 64.1 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 53.57 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

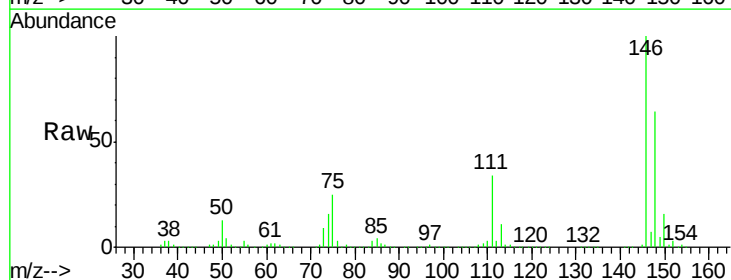
Tgt Ion:146 Resp: 429259

Ion Ratio Lower Upper

146 100

111 34.3 17.3 52.0

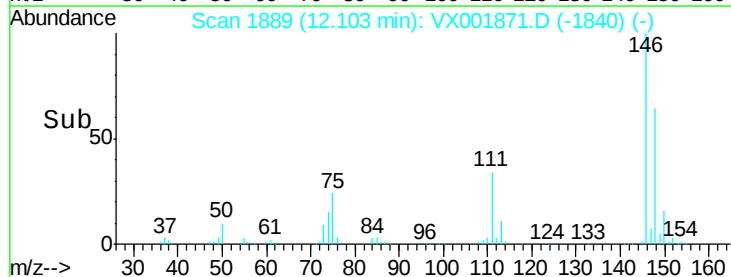
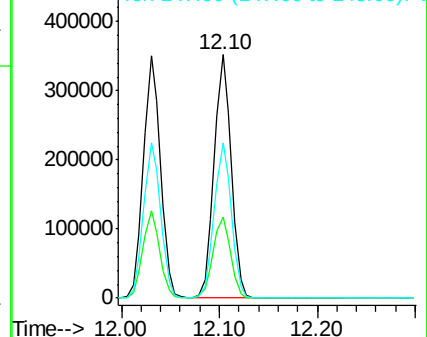
148 64.1 32.3 96.9

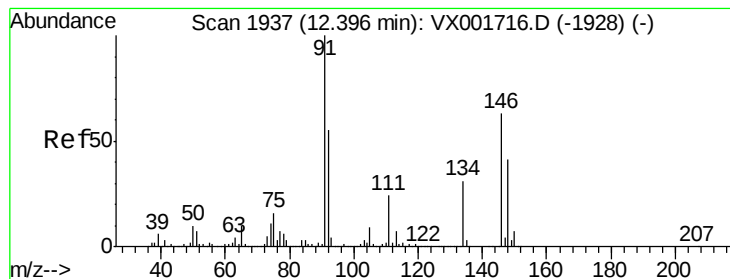


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 54.69 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

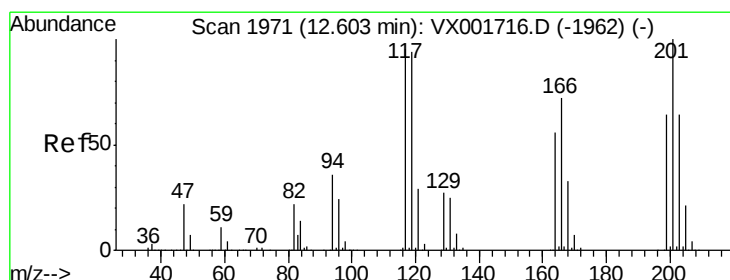
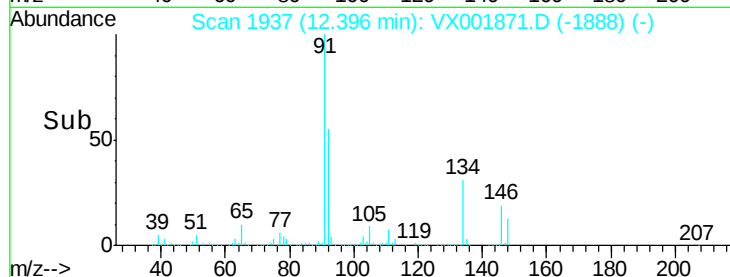
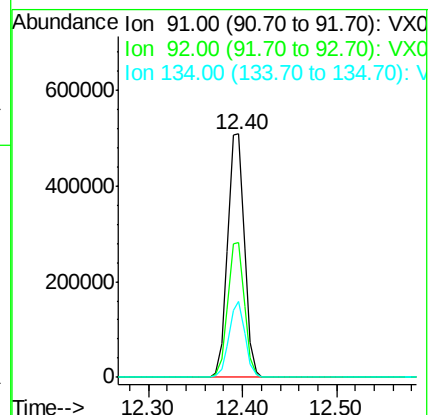
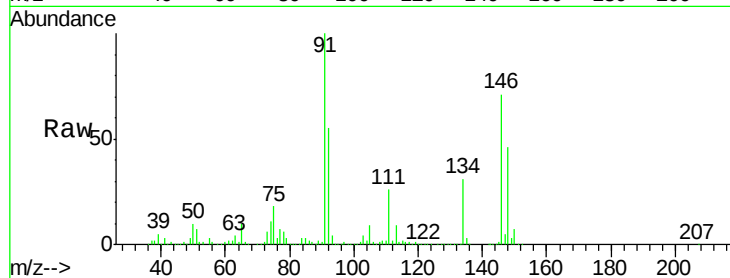
Tgt Ion: 91 Resp: 628998

Ion Ratio Lower Upper

91 100

92 55.0 27.3 81.9

134 29.6 14.7 44.1



#90

Hexachloroethane

Concen: 63.78 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX001871.D

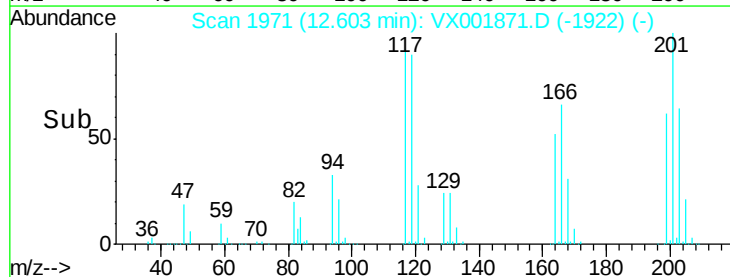
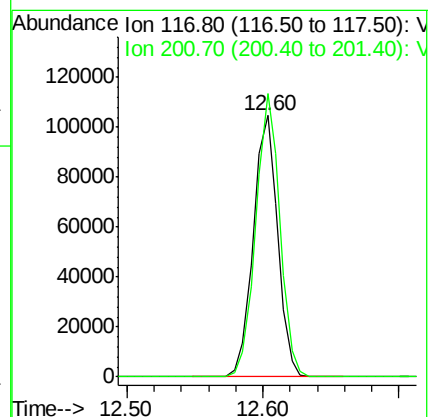
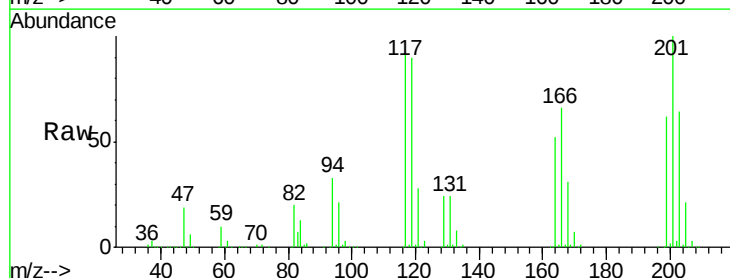
Acq: 21 May 2018 11:02

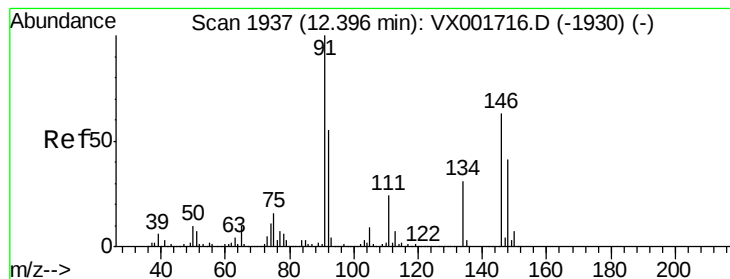
Tgt Ion: 117 Resp: 131710

Ion Ratio Lower Upper

117 100

201 107.2 51.9 155.7





#91

1,2-Dichlorobenzene

Concen: 57.59 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

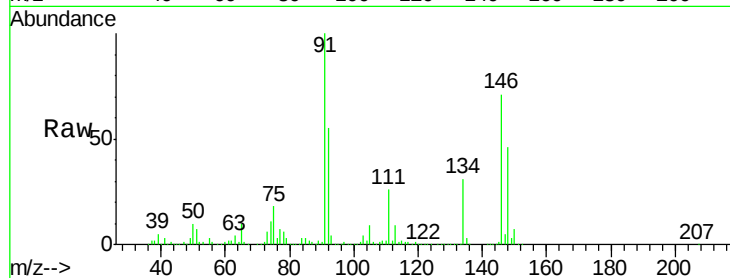
Tgt Ion:146 Resp: 444656

Ion Ratio Lower Upper

146 100

111 36.6 18.6 56.0

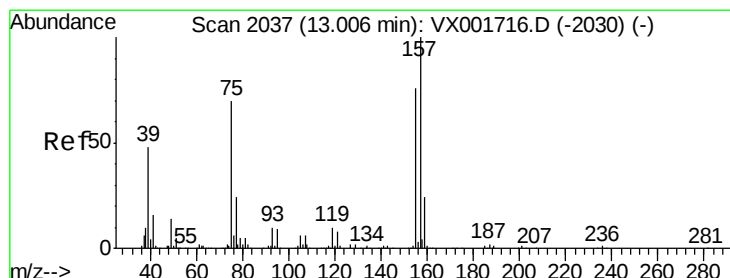
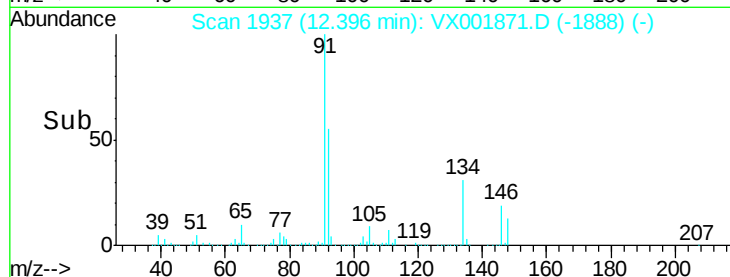
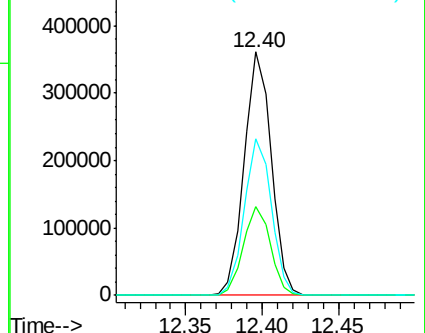
148 64.3 32.4 97.0



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: 60.29 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

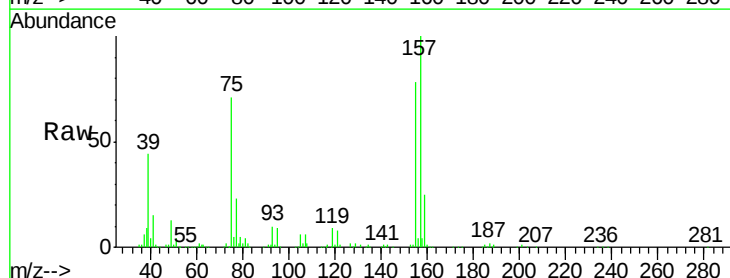
Tgt Ion: 75 Resp: 55044

Ion Ratio Lower Upper

75 100

155 111.5 53.9 161.8

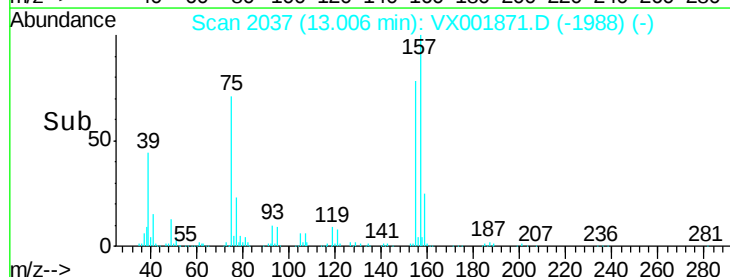
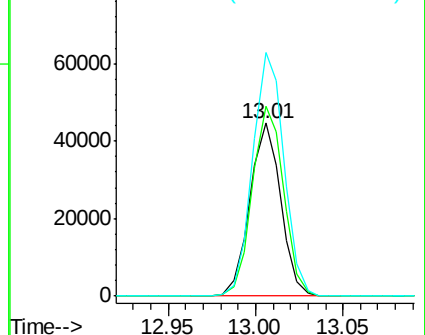
157 143.2 71.0 213.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

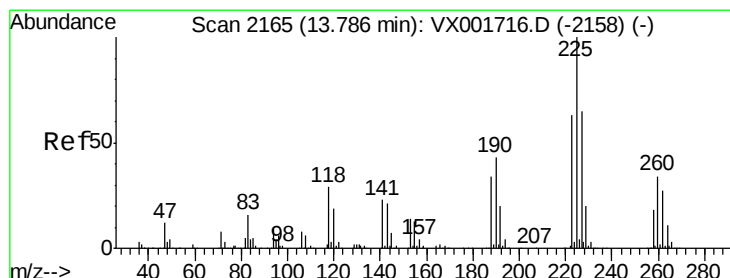
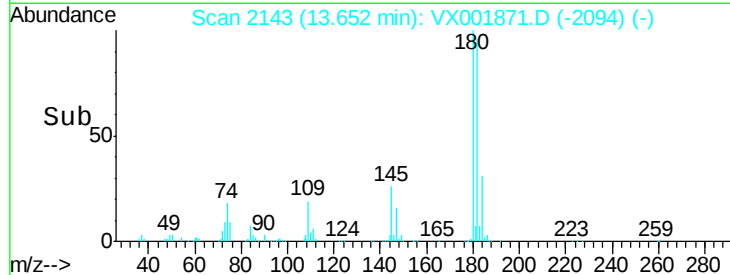
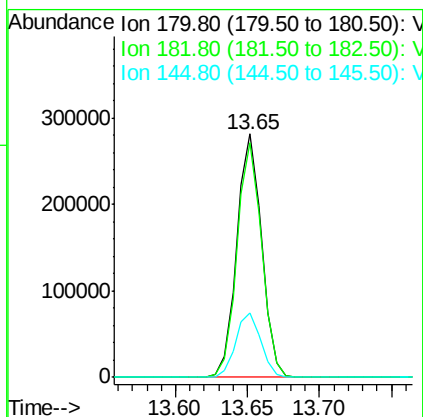
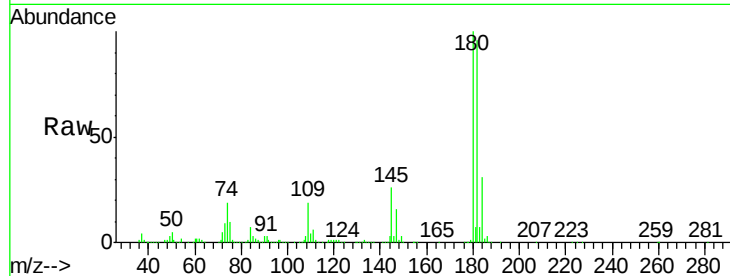




#93
 1,2,4-Trichlorobenzene
 Concen: 54.92 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001871.D
 Acq: 21 May 2018 11:02

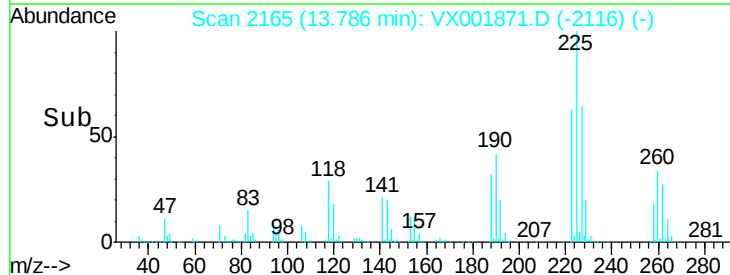
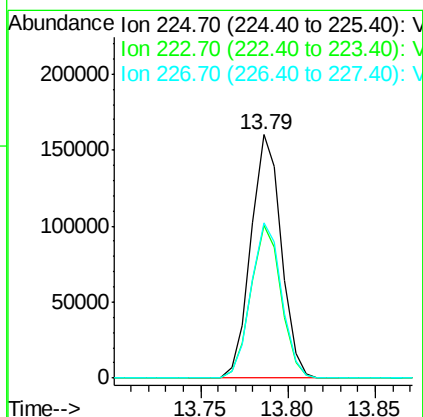
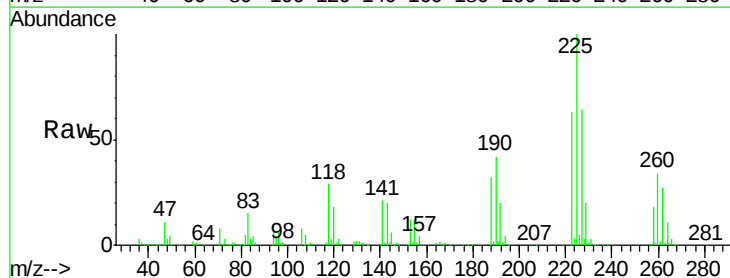
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

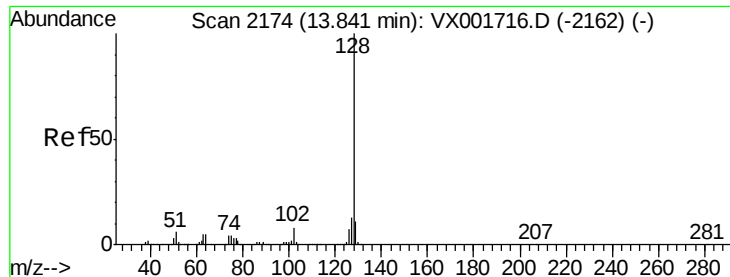
Tgt Ion:180 Resp: 337975
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.6 142.9
 145 26.9 13.4 40.1



#94
 Hexachlorobutadiene
 Concen: 58.39 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001871.D
 Acq: 21 May 2018 11:02

Tgt Ion:225 Resp: 192938
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.1 93.5
 227 64.4 31.9 95.5





#95

Naphthalene

Concen: 57.34 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

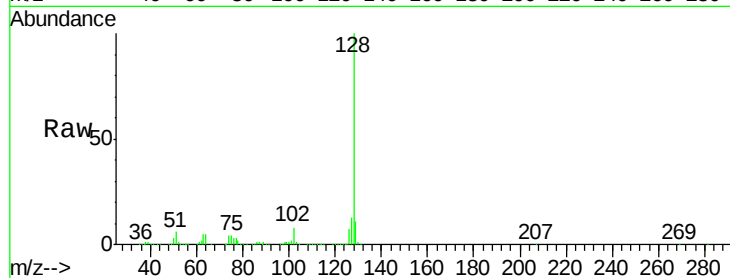
Tgt Ion:128 Resp: 917286

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

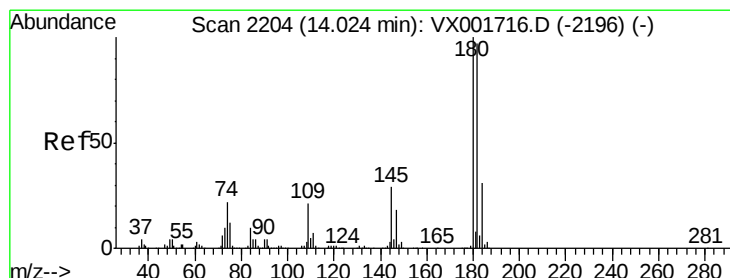
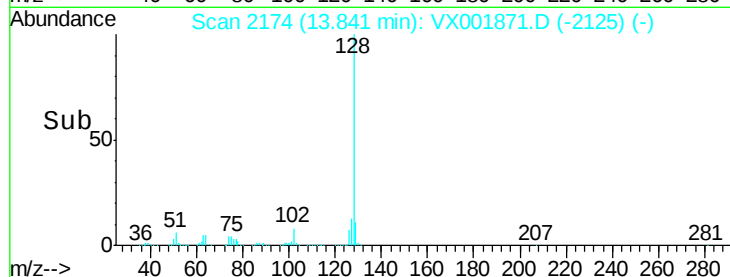
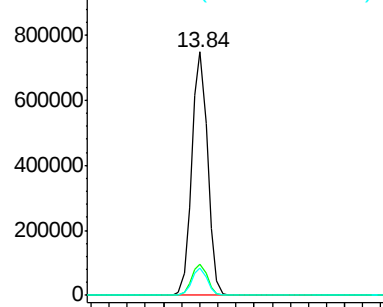
129 10.9 8.9 13.3



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: 56.33 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001871.D

Acq: 21 May 2018 11:02

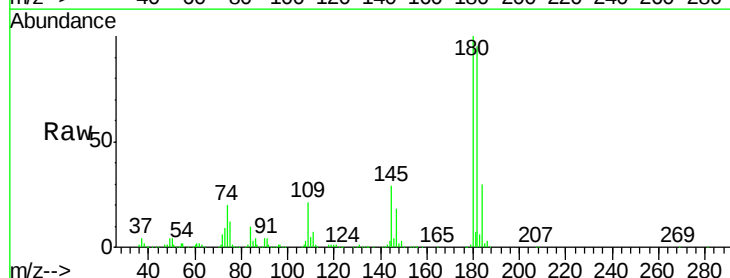
Tgt Ion:180 Resp: 349117

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.7

145 28.3 14.2 42.8



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

