

Data File : VX001331.D

Acq On : 02 May 2018 22:03

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 03 05:07:59 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	162153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	217165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	212166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144966	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	109523	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	5.51	113	94153	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	8.72	98	346955	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	11.15	95	131533	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	93026	51.86	ug/l	97
3) Chloromethane	1.32	50	89614	50.89	ug/l	98
4) Vinyl Chloride	1.40	62	96315	51.96	ug/l	98
5) Bromomethane	1.64	94	67262	48.62	ug/l	99
6) Chloroethane	1.71	64	66061	56.37	ug/l	99
7) Trichlorofluoromethane	1.92	101	170114	54.37	ug/l	100
8) Diethyl Ether	2.19	74	59376	55.27	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	93957	52.08	ug/l	98
10) Methyl Iodide	2.51	142	136672	67.82	ug/l	100
11) Tert butyl alcohol	3.09	59	131542	340.63	ug/l	99
12) 1,1-Dichloroethene	2.37	96	86824	53.38	ug/l	96
13) Acrolein	2.30	56	46381	208.59	ug/l	100
14) Allyl chloride	2.73	41	153115	53.80	ug/l	99
15) Acrylonitrile	3.16	53	276684	309.13	ug/l	100
16) Acetone	2.45	43	264280	275.83	ug/l	100
17) Carbon Disulfide	2.57	76	202922	47.89	ug/l	98
18) Methyl Acetate	2.79	43	149122	65.90	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	307633	55.53	ug/l	98
20) Methylene Chloride	2.86	84	96922	56.26	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	91850	51.88	ug/l	98
22) Diisopropyl ether	3.89	45	312078	56.94	ug/l	98
23) Vinyl Acetate	3.84	43	1369514	294.87	ug/l	100
24) 1,1-Dichloroethane	3.70	63	173739	56.91	ug/l	100
25) 2-Butanone	4.73	43	368301	284.29	ug/l	99
26) 2,2-Dichloropropane	4.59	77	84035	33.82	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	95334	49.00	ug/l	99
28) Bromochloromethane	5.03	49	76360	55.64	ug/l	97
29) Tetrahydrofuran	5.18	42	238628	299.50	ug/l	99
30) Chloroform	5.22	83	168318	52.16	ug/l	98
31) Cyclohexane	5.58	56	129341	46.91	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	145431	51.56	ug/l	100
36) 1,1-Dichloropropene	5.81	75	117480	46.87	ug/l	99
37) Ethyl Acetate	4.89	43	140795	55.63	ug/l	100
38) Carbon Tetrachloride	5.79	117	132028	50.28	ug/l	97

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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: May 03 05:07:59 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134540	45.39	ug/l	98
40) Benzene	6.15	78	361551	50.14	ug/l	99
41) Methacrylonitrile	5.08	41	77434	52.53	ug/l	99
42) 1,2-Dichloroethane	6.21	62	137980	49.43	ug/l	99
43) Isopropyl Acetate	6.48	43	221316	54.01	ug/l	99
44) Trichloroethene	7.22	130	109288	49.52	ug/l	97
45) 1,2-Dichloropropane	7.52	63	91435	49.38	ug/l	98
46) Dibromomethane	7.67	93	65695	50.62	ug/l	99
47) Bromodichloromethane	7.91	83	121761	52.47	ug/l	95
48) Methyl methacrylate	7.79	41	118015	54.18	ug/l	99
49) 1,4-Dioxane	7.77	88	53387	1298.83	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	780098	295.32	ug/l	99
52) Toluene	8.79	92	239358	50.79	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	135700	49.17	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	127219	50.11	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	99240	52.13	ug/l	97
56) Ethyl methacrylate	9.19	69	148753	56.39	ug/l	98
57) 1,3-Dichloropropane	9.38	76	159893	52.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	357385	280.81	ug/l	100
59) 2-Hexanone	9.51	43	615272	298.01	ug/l	100
60) Dibromochloromethane	9.59	129	110073	55.42	ug/l	98
61) 1,2-Dibromoethane	9.68	107	108644	53.84	ug/l	99
64) Tetrachloroethene	9.34	164	132936	52.89	ug/l	95
65) Chlorobenzene	10.15	112	283440	49.12	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	104910	52.38	ug/l	99
67) Ethyl Benzene	10.26	91	467553	49.17	ug/l	99
68) m/p-Xylenes	10.37	106	372268	99.50	ug/l	99
69) o-Xylene	10.71	106	183532	50.58	ug/l	99
70) Styrene	10.72	104	303384	51.12	ug/l	99
71) Bromoform	10.87	173	91903	47.70	ug/l	99
73) Isopropylbenzene	11.02	105	489119	50.43	ug/l	100
74) N-amyl acetate	6.48	43	221316	53.20	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	153998	53.00	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	173608	64.76	ug/l	91
77) Bromobenzene	11.26	156	143094	51.16	ug/l	99
78) n-propylbenzene	11.37	91	542411	50.33	ug/l	100
79) 2-Chlorotoluene	11.43	91	332868	51.18	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	423575	52.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	35377	43.54	ug/l	96
82) 4-Chlorotoluene	11.52	91	392099	50.13	ug/l	100
83) tert-Butylbenzene	11.77	119	416971	51.34	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	434334	52.04	ug/l	100
85) sec-Butylbenzene	11.95	105	500084	51.47	ug/l	100
86) p-Isopropyltoluene	12.07	119	457492	51.33	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	253415	48.52	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	260087	48.30	ug/l	100
89) n-Butylbenzene	12.40	91	377545	48.53	ug/l	100
90) Hexachloroethane	12.60	117	68629	53.17	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	264257	50.84	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	36530	62.21	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050218\
Quantitation Report (Not Reviewed)

Data File : VX001331.D
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Instrument :
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ClientSampleId :
VSTDCCC050

Quant Time: May 03 05:07:59 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration

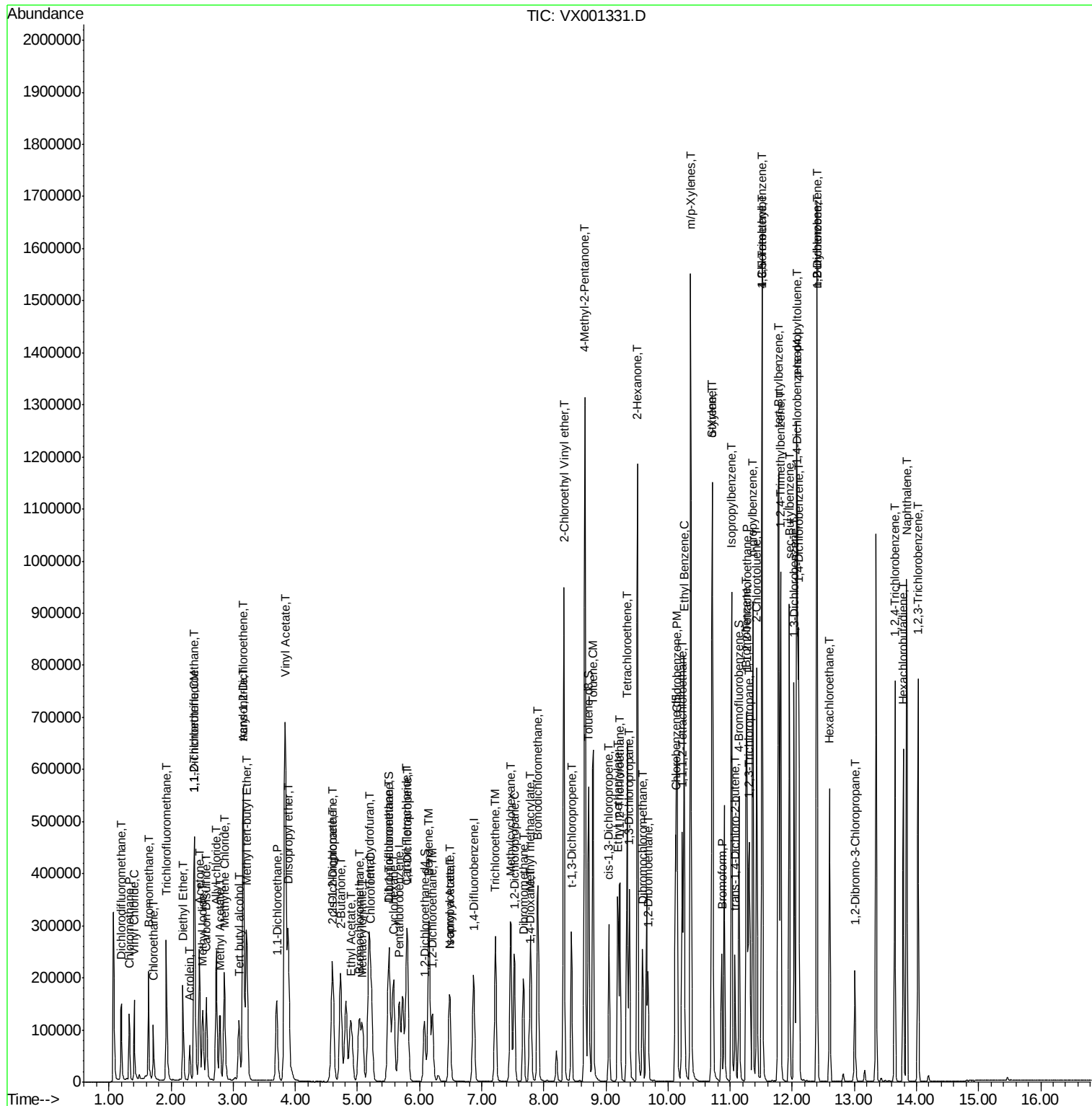
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	194172	46.44	ug/l	99
94) Hexachlorobutadiene	13.79	225	101899	46.58	ug/l	100
95) Naphthalene	13.84	128	577446	54.43	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	203839	49.66	ug/l	100

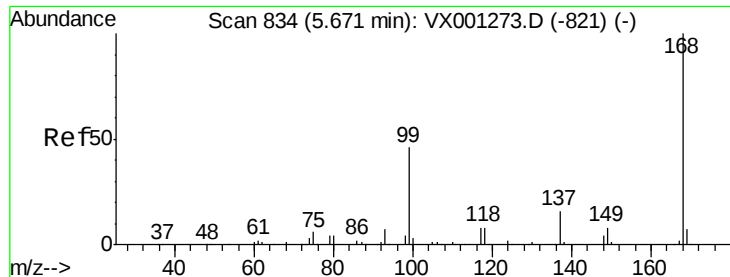
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 25      Sample Multiplier: 1
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VSTDCCC050

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

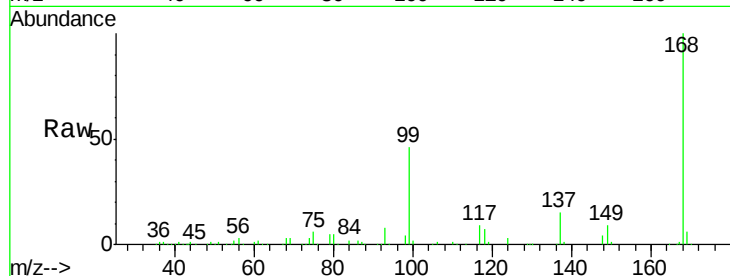
VSTDCCC050

Tgt Ion:168 Resp: 162153

Ion Ratio Lower Upper

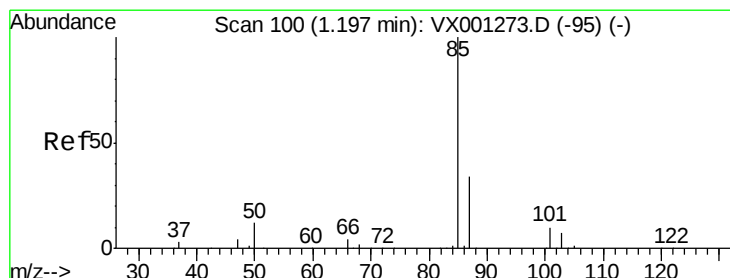
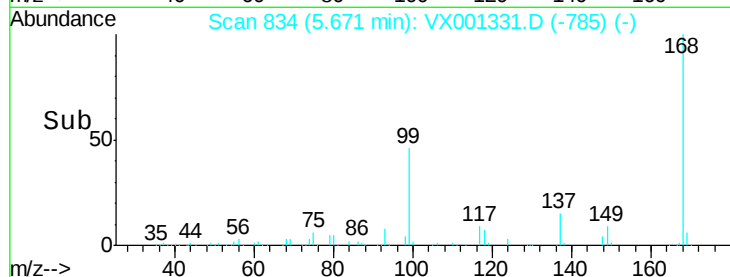
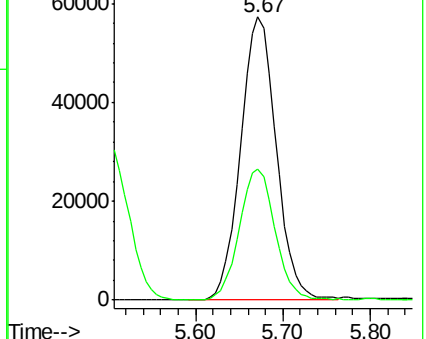
168 100

99 46.0 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.86 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001331.D

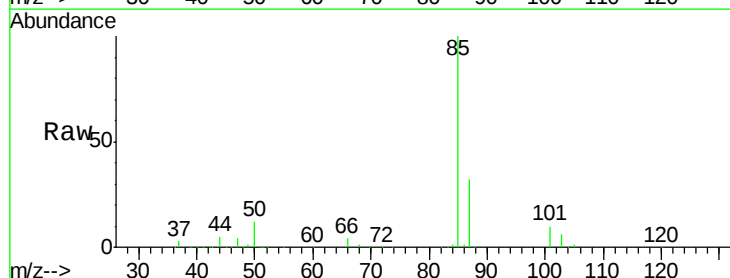
Acq: 02 May 2018 22:03

Tgt Ion: 85 Resp: 93026

Ion Ratio Lower Upper

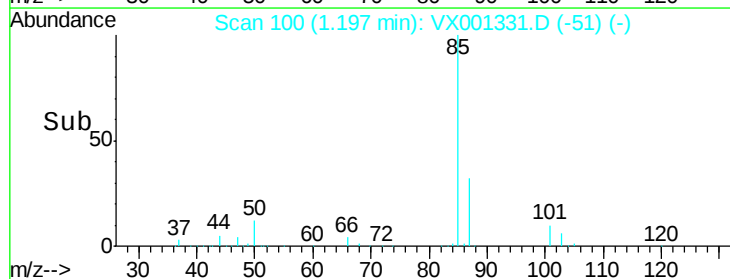
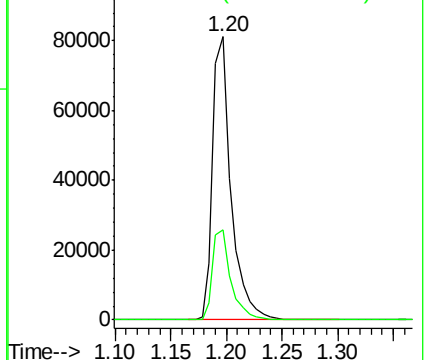
85 100

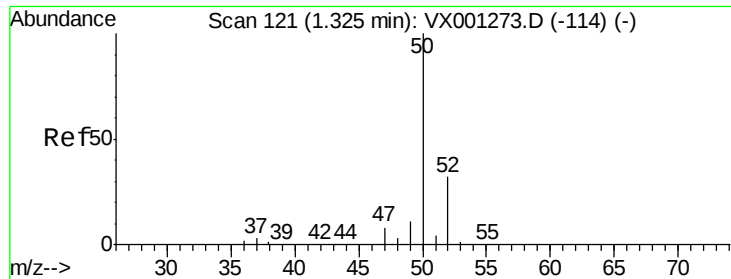
87 31.9 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

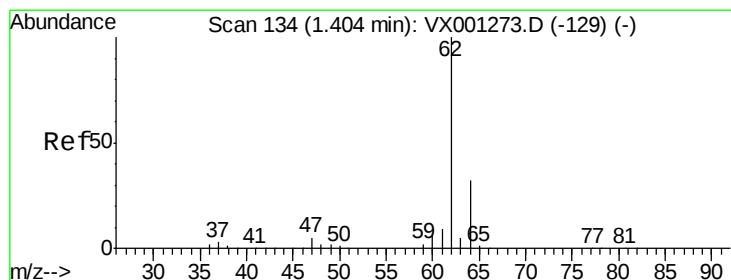
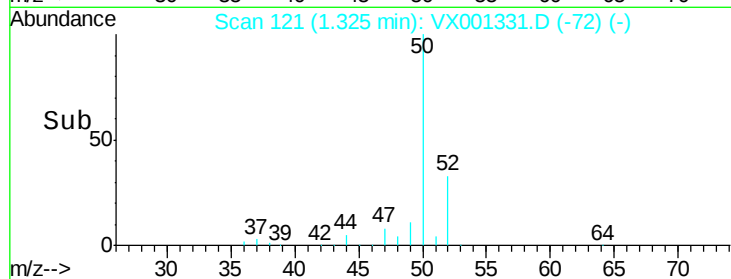
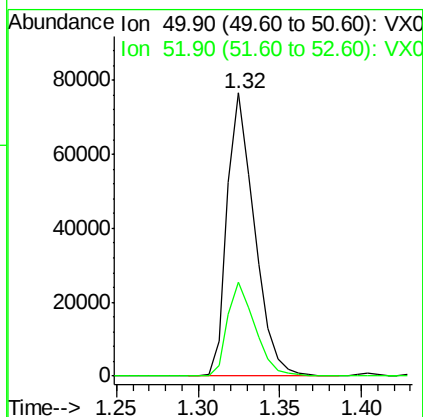
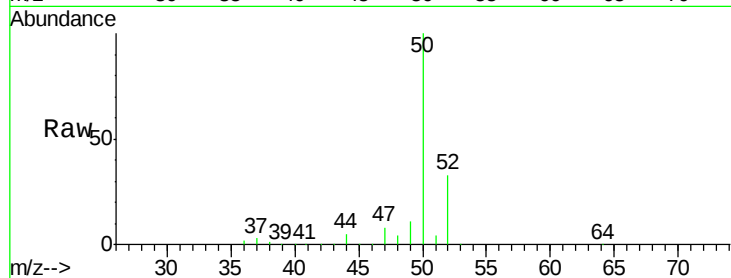




#3
Chloromethane
Concen: 50.89 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

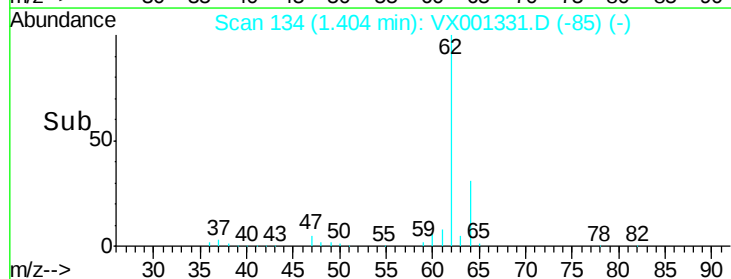
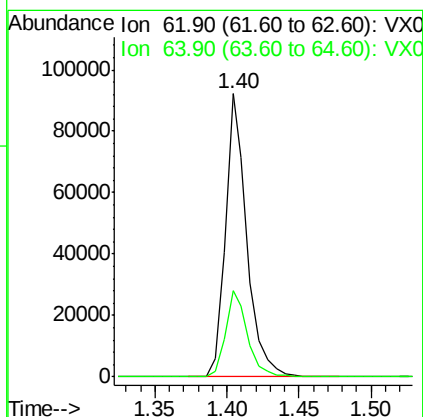
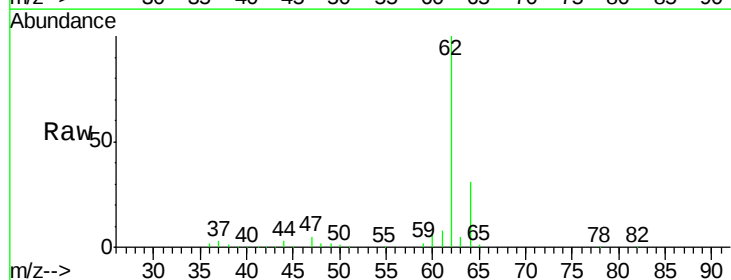
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

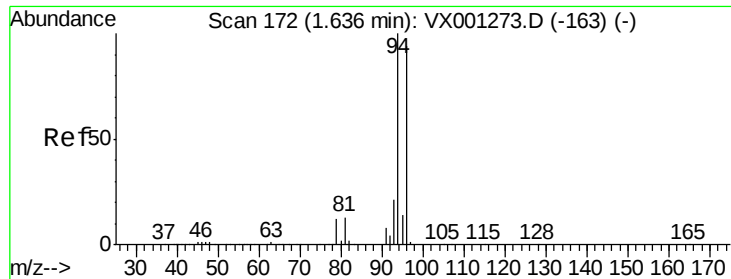
Tgt Ion: 50 Resp: 89614
Ion Ratio Lower Upper
50 100
52 33.0 25.7 38.5



#4
Vinyl Chloride
Concen: 51.96 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion: 62 Resp: 96315
Ion Ratio Lower Upper
62 100
64 30.6 25.4 38.2





#5

Bromomethane

Concen: 48.62 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

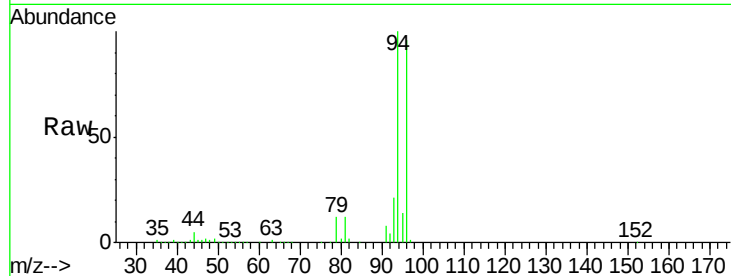
VSTDCCC050

Tgt Ion: 94 Resp: 67262

Ion Ratio Lower Upper

94 100

96 95.9 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

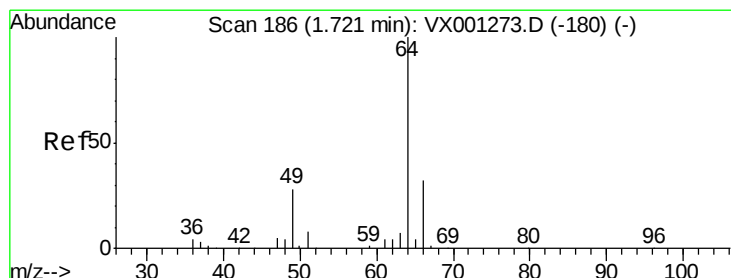
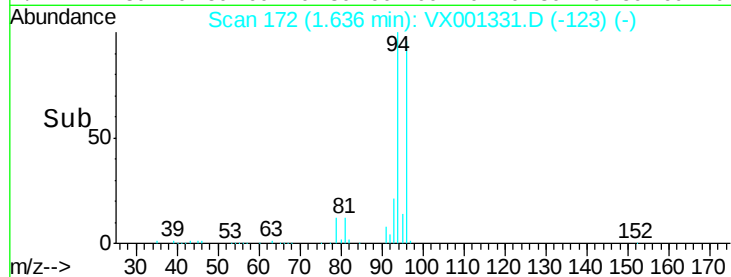
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 56.37 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX001331.D

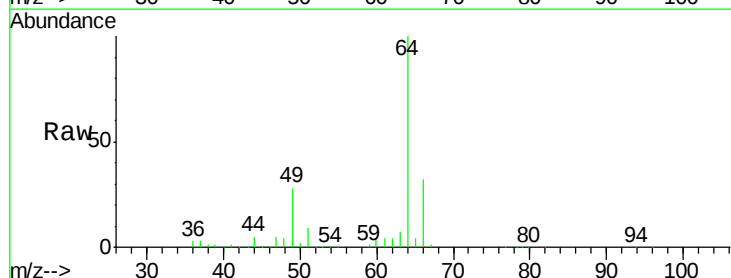
Acq: 02 May 2018 22:03

Tgt Ion: 64 Resp: 66061

Ion Ratio Lower Upper

64 100

66 32.4 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

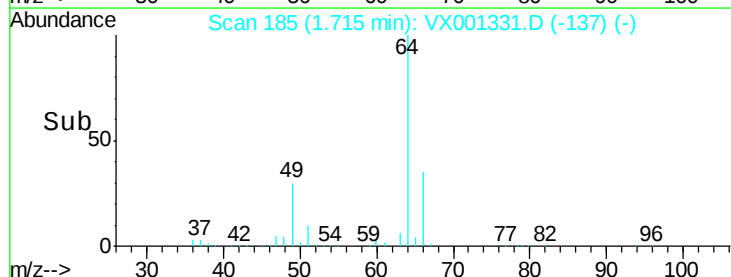
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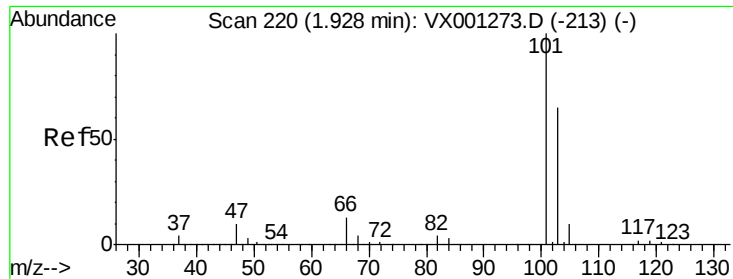
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10000

0

Time-->





#7

Trichlorofluoromethane

Concen: 54.37 ug/l

RT: 1.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

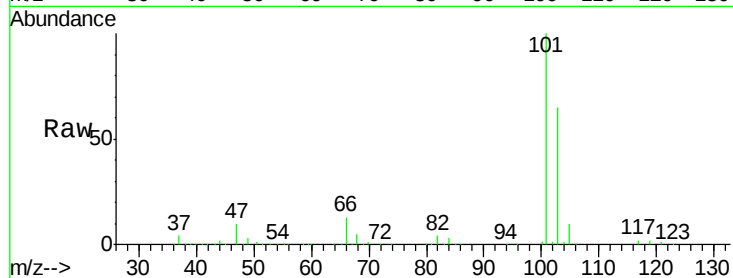
VSTDCCC050

Tgt Ion:101 Resp: 170114

Ion Ratio Lower Upper

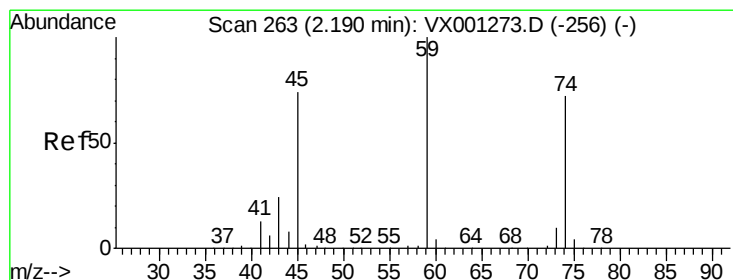
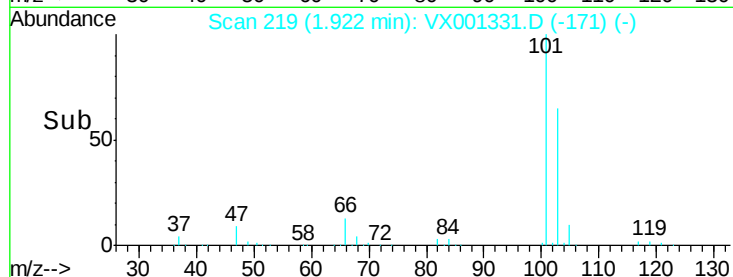
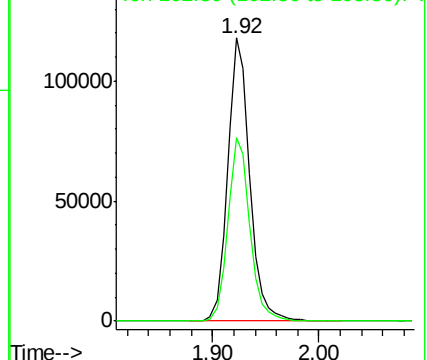
101 100

103 64.7 51.8 77.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 55.27 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX001331.D

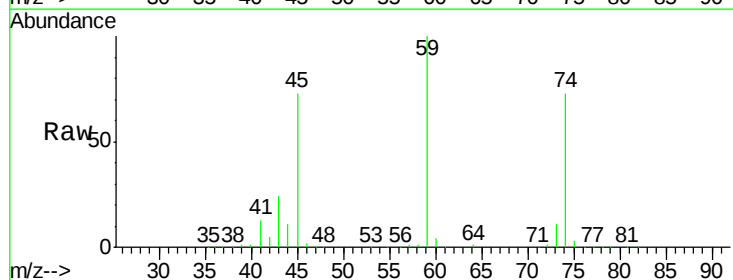
Acq: 02 May 2018 22:03

Tgt Ion: 74 Resp: 59376

Ion Ratio Lower Upper

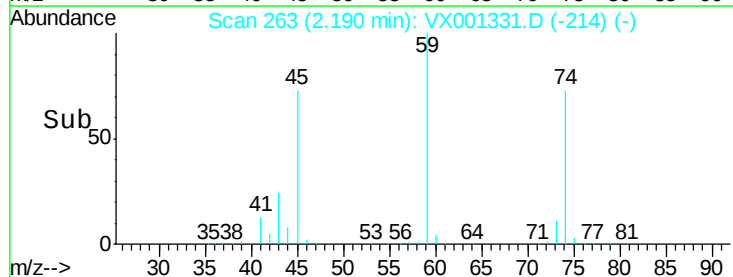
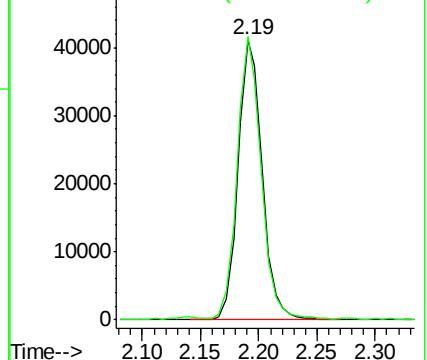
74 100

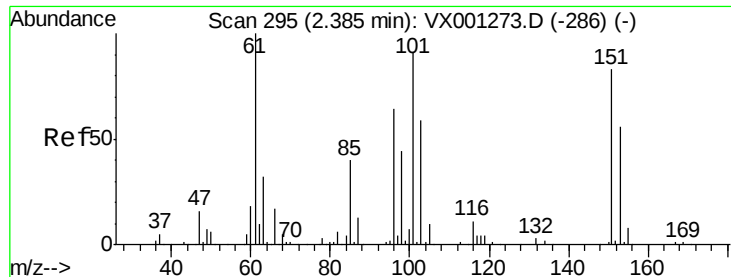
45 99.6 49.3 147.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

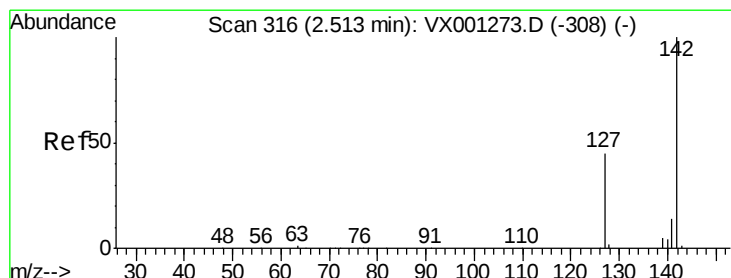
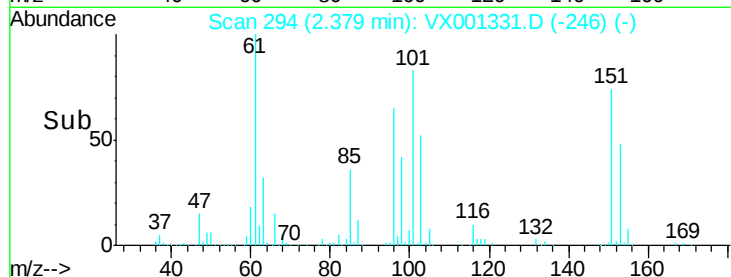
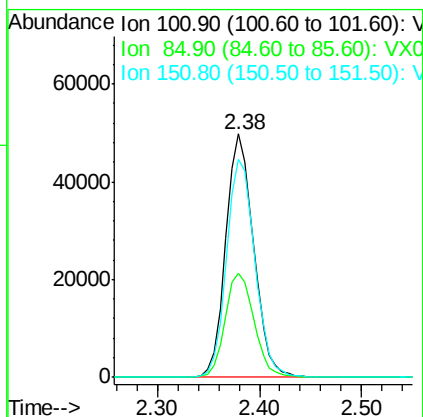
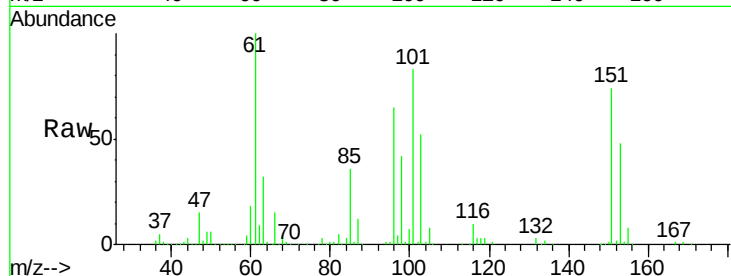




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.08 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

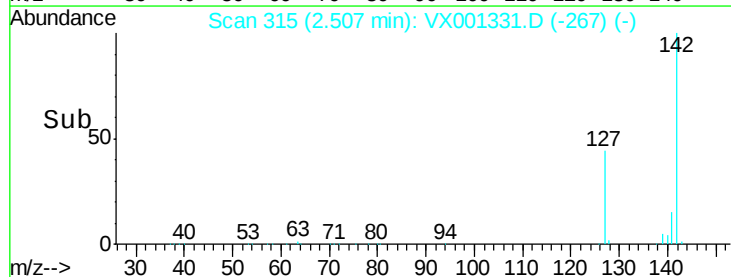
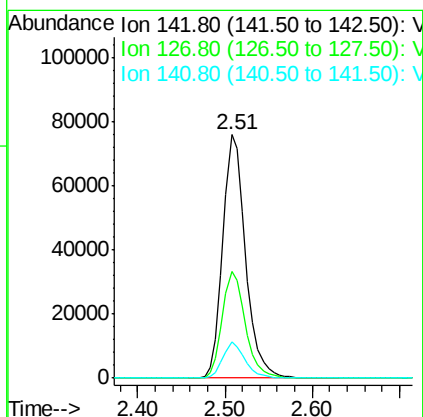
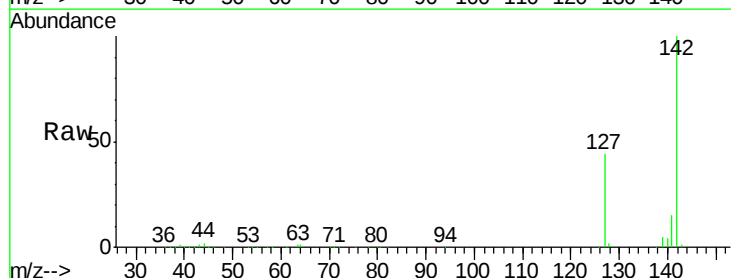
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

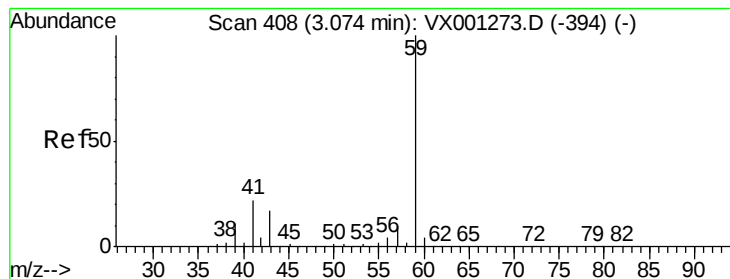
Tgt Ion:101 Resp: 93957
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.6 53.4
 151 91.3 74.8 112.2



#10
 Methyl Iodide
 Concen: 67.82 ug/l
 RT: 2.51 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Tgt Ion:142 Resp: 136672
 Ion Ratio Lower Upper
 142 100
 127 44.5 35.7 53.5
 141 14.4 11.4 17.0



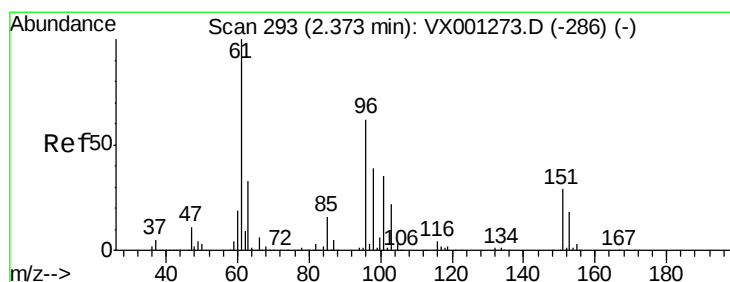
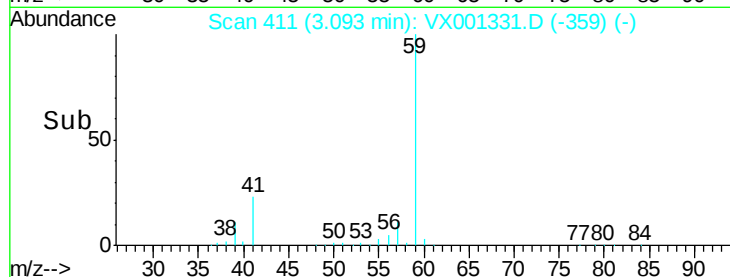
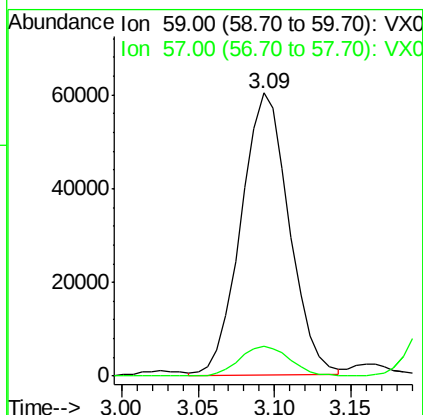
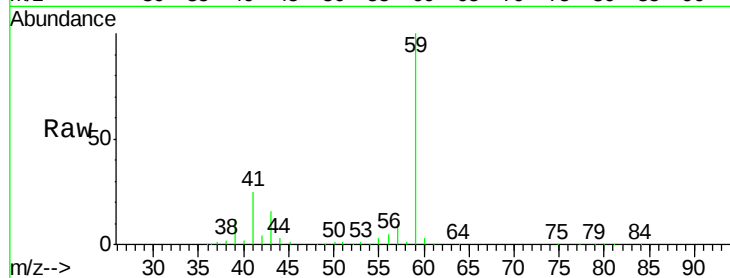


#11

Tert butyl alcohol
 Concen: 340.63 ug/l
 RT: 3.09 min Scan# 411
 Delta R.T. 0.02 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

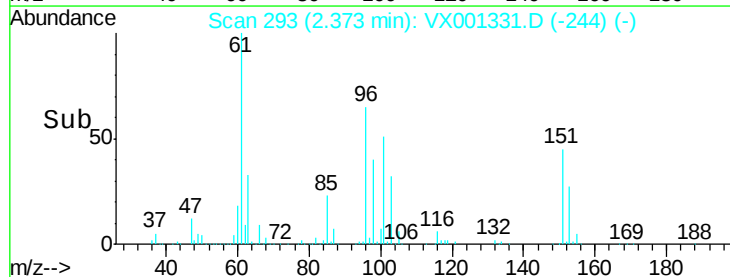
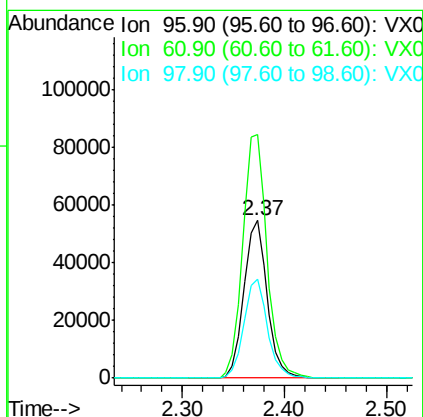
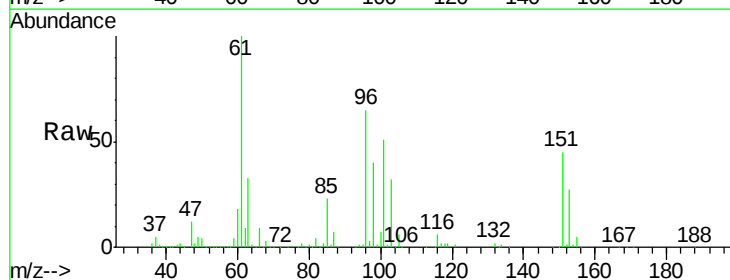
Tgt Ion: 59 Resp: 131542
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.6 12.8

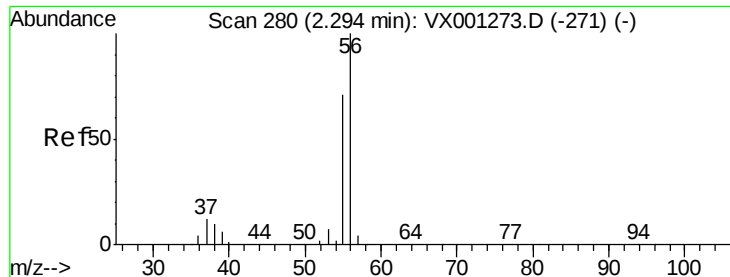


#12

1,1-Dichloroethene
 Concen: 53.38 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Tgt Ion: 96 Resp: 86824
 Ion Ratio Lower Upper
 96 100
 61 154.6 130.1 195.1
 98 62.5 50.3 75.5





#13

Acrolein

Concen: 208.59 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

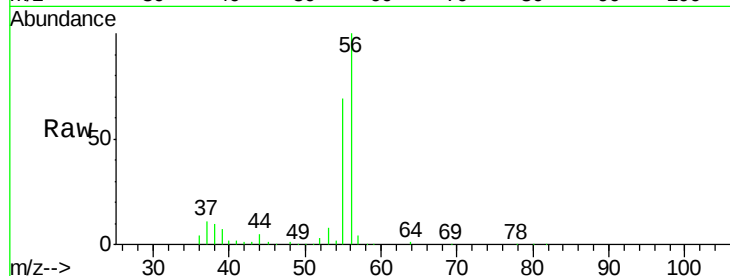
VSTDCCC050

Tgt Ion: 56 Resp: 46381

Ion Ratio Lower Upper

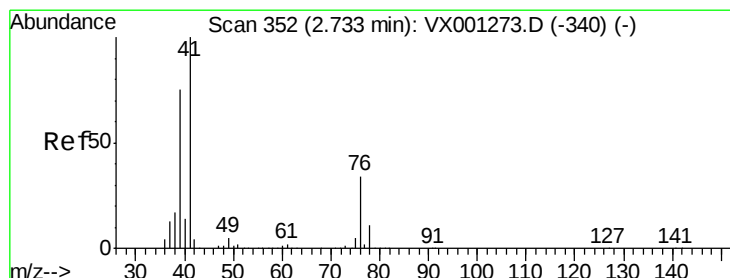
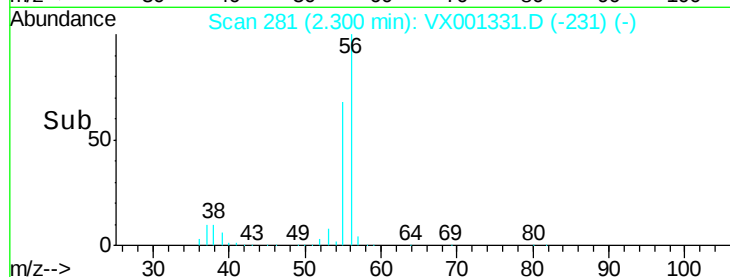
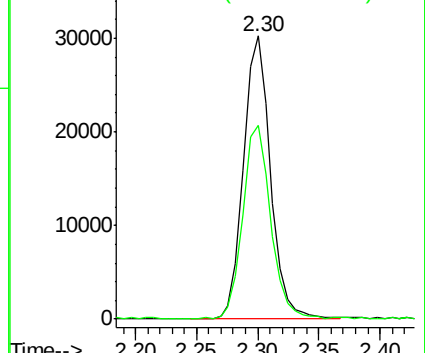
56 100

55 71.5 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 53.80 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

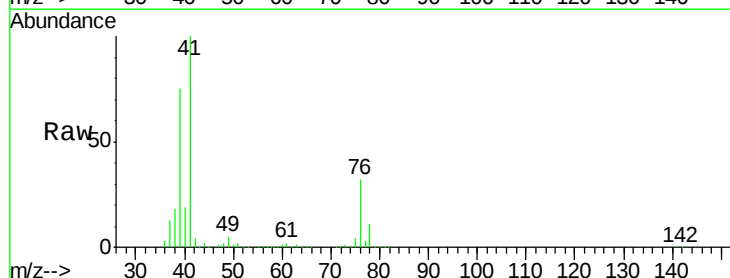
Tgt Ion: 41 Resp: 153115

Ion Ratio Lower Upper

41 100

39 71.7 58.1 87.1

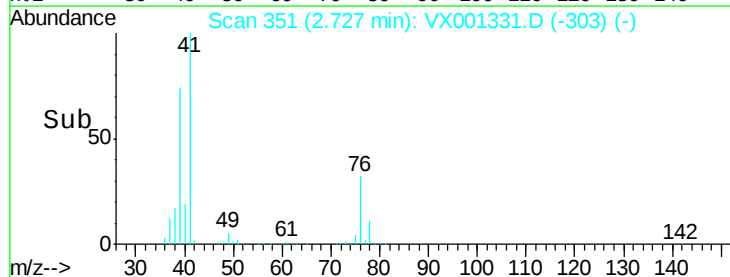
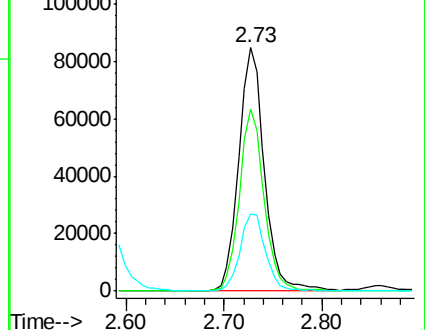
76 31.7 25.1 37.7

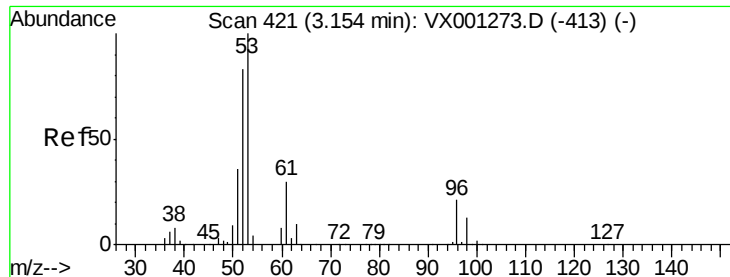


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 309.13 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

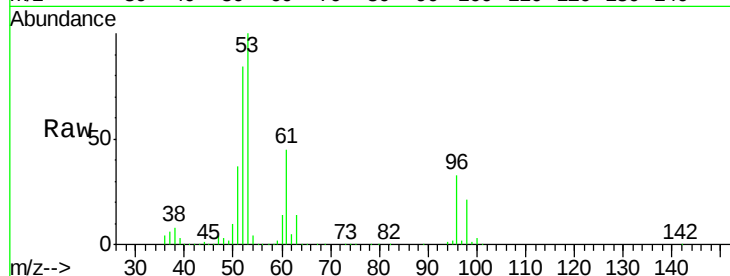
Tgt Ion: 53 Resp: 276684

Ion Ratio Lower Upper

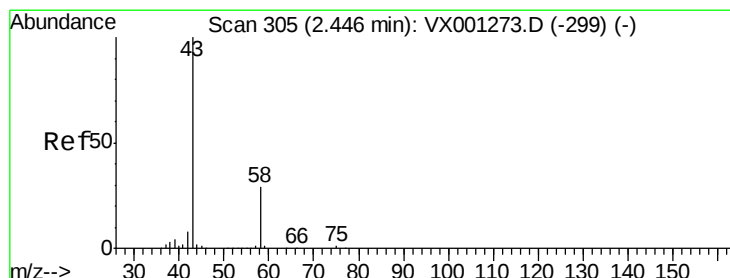
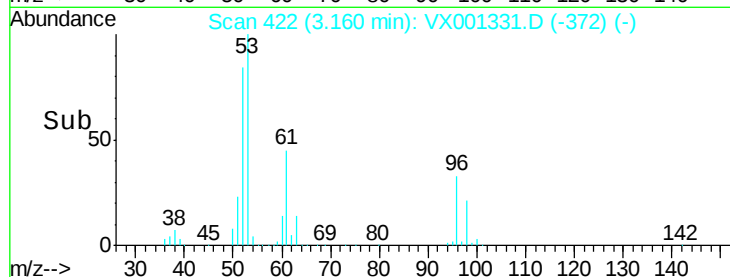
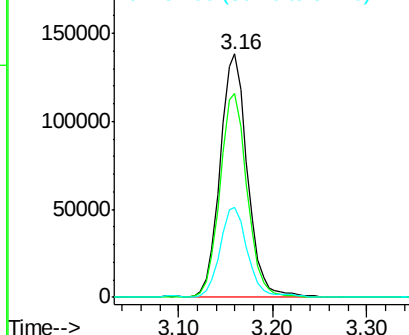
53 100

52 83.4 67.0 100.4

51 37.8 29.9 44.9



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



#16

Acetone

Concen: 275.83 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001331.D

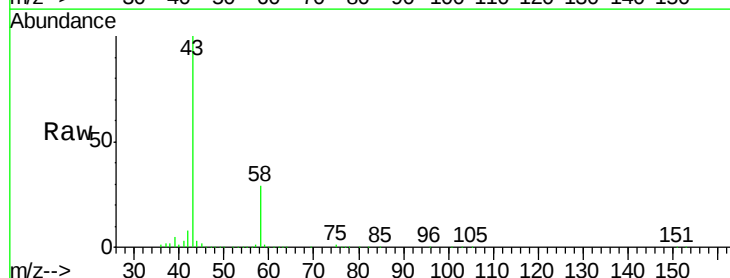
Acq: 02 May 2018 22:03

Tgt Ion: 43 Resp: 264280

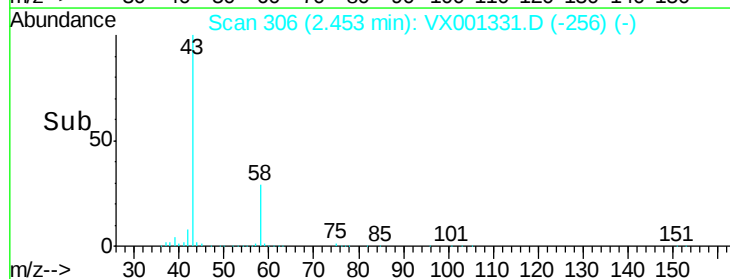
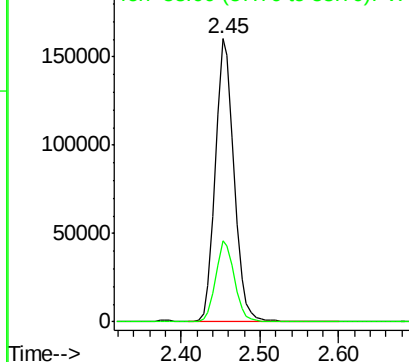
Ion Ratio Lower Upper

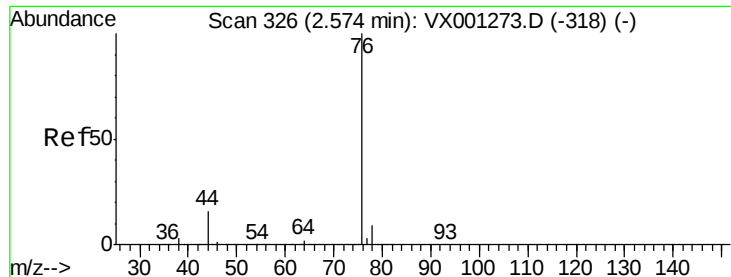
43 100

58 28.7 22.8 34.2



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

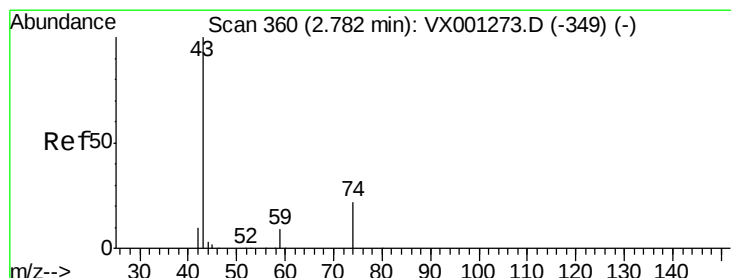
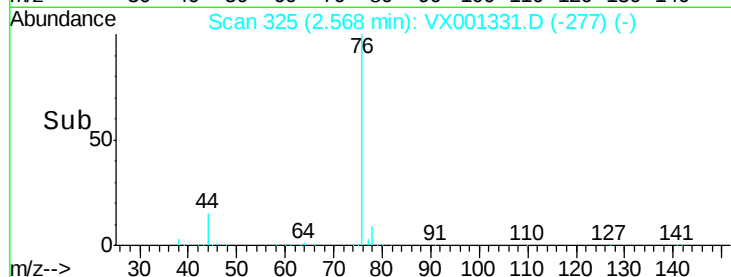
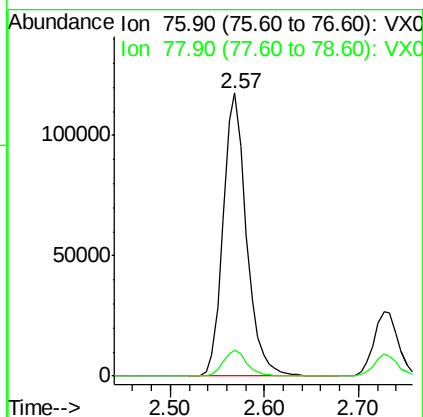
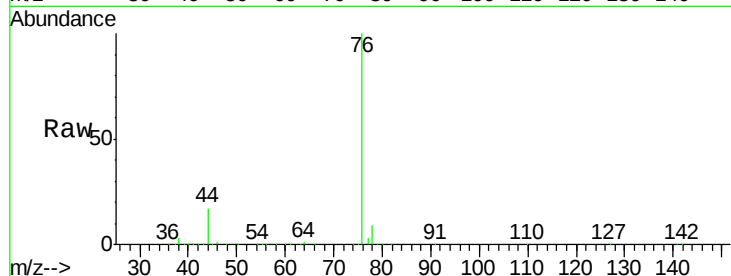




#17
Carbon Disulfide
Concen: 47.89 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

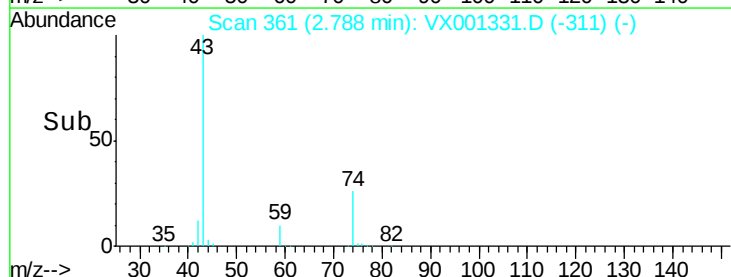
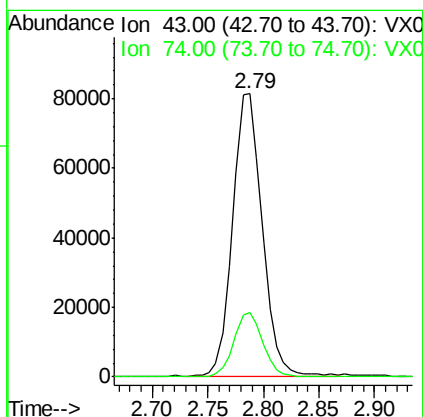
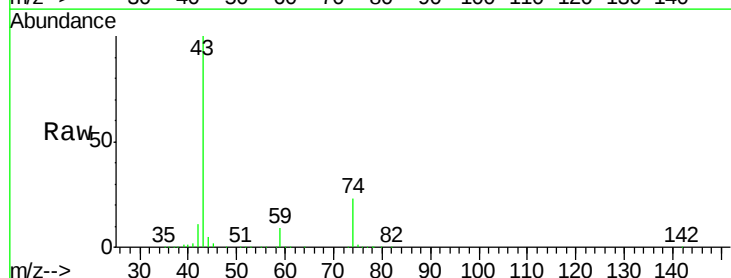
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

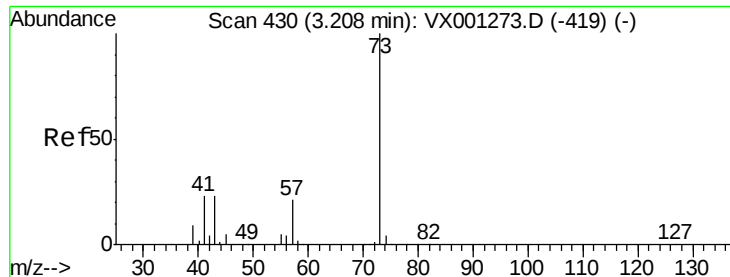
Tgt Ion: 76 Resp: 202922
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 65.90 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion: 43 Resp: 149122
Ion Ratio Lower Upper
43 100
74 22.6 17.8 26.6





#19

Methyl tert-butyl Ether

Concen: 55.53 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampled :

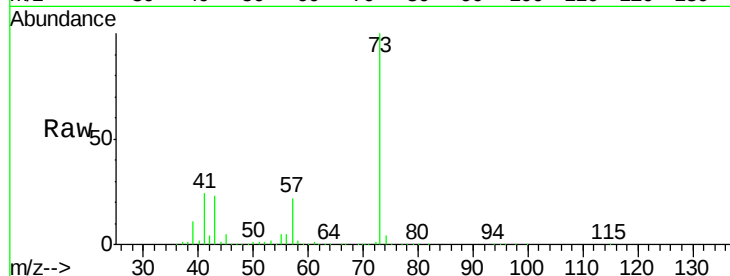
VSTDCCC050

Tgt Ion: 73 Resp: 307633

Ion Ratio Lower Upper

73 100

57 21.7 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

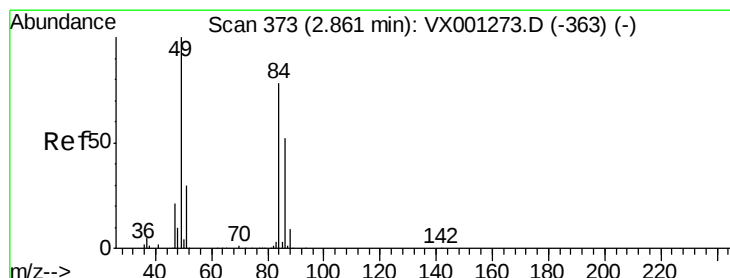
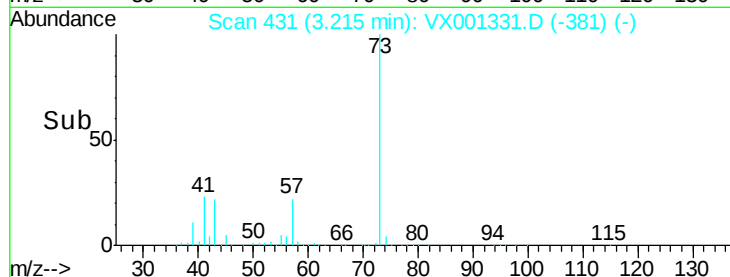
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 56.26 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Tgt Ion: 84 Resp: 96922

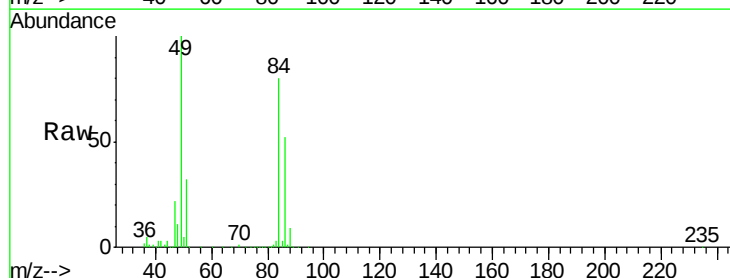
Ion Ratio Lower Upper

84 100

49 124.8 102.8 154.2

51 39.5 30.9 46.3

86 64.8 53.0 79.4



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

100000

80000

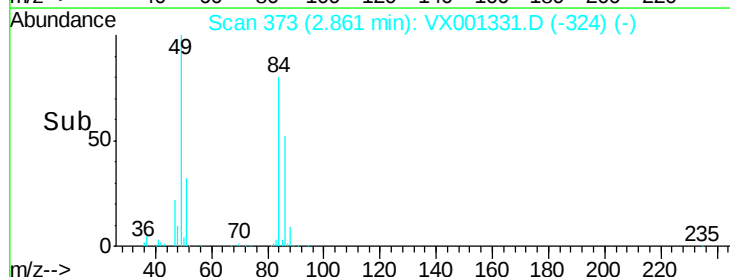
60000

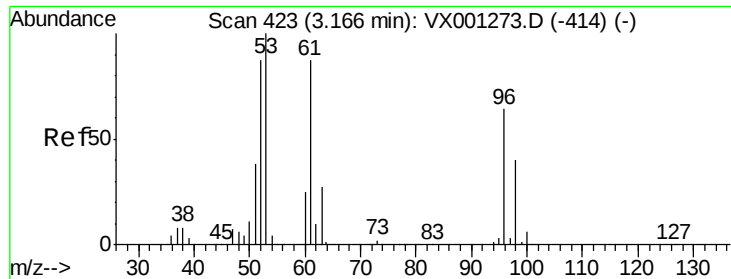
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 51.88 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

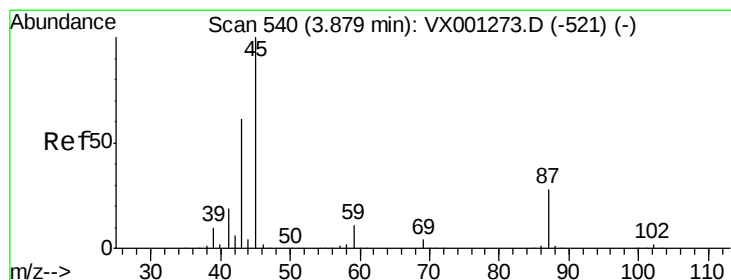
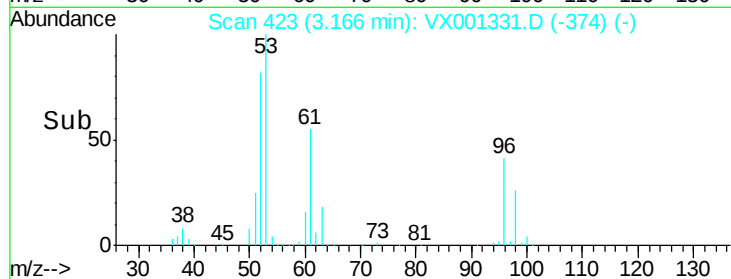
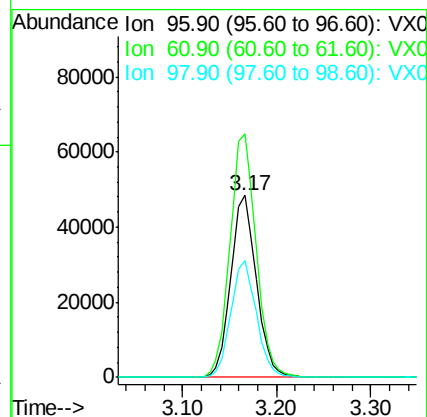
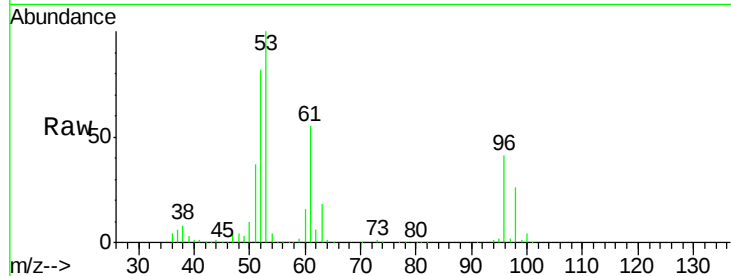
Tgt Ion: 96 Resp: 91850

Ion Ratio Lower Upper

96 100

61 133.9 108.6 162.8

98 64.2 49.7 74.5



#22

Diisopropyl ether

Concen: 56.94 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Tgt Ion: 45 Resp: 312078

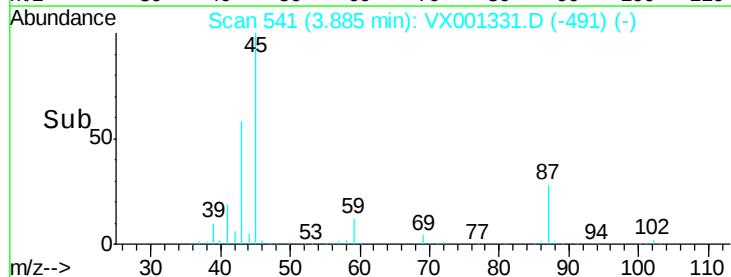
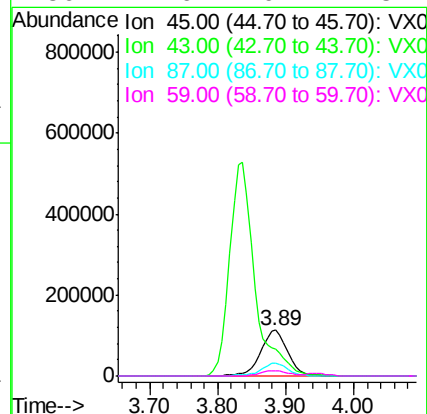
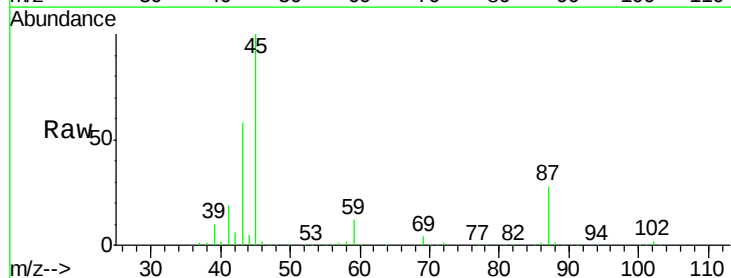
Ion Ratio Lower Upper

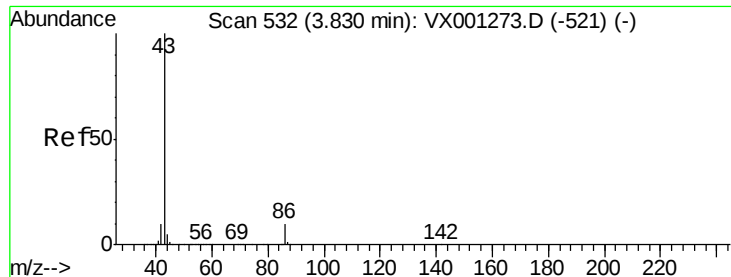
45 100

43 58.3 48.7 73.1

87 27.7 22.2 33.4

59 11.6 9.1 13.7





#23

Vinyl Acetate

Concen: 294.87 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

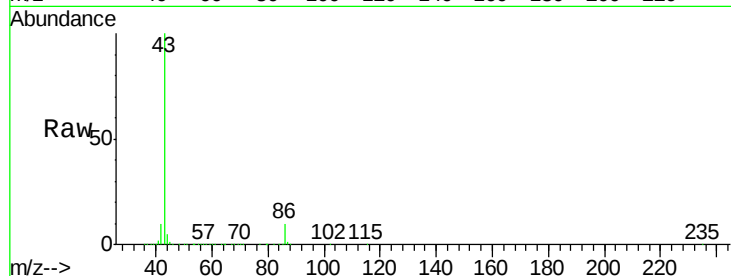
VSTDCCC050

Tgt Ion: 43 Resp: 1369514

Ion Ratio Lower Upper

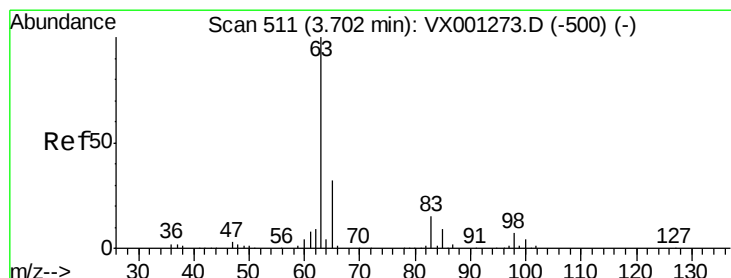
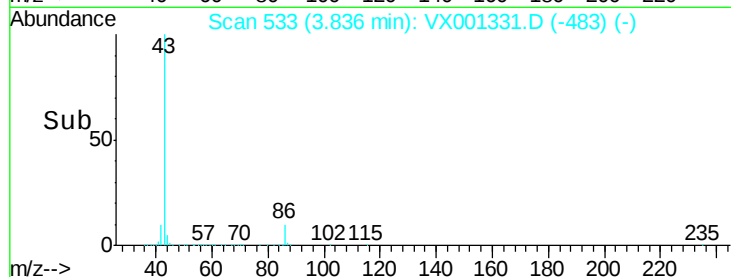
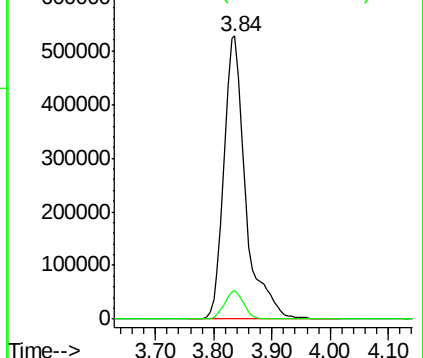
43 100

86 10.2 8.2 12.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 56.91 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

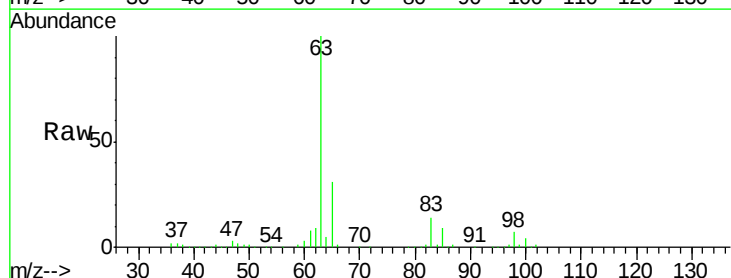
Tgt Ion: 63 Resp: 173739

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

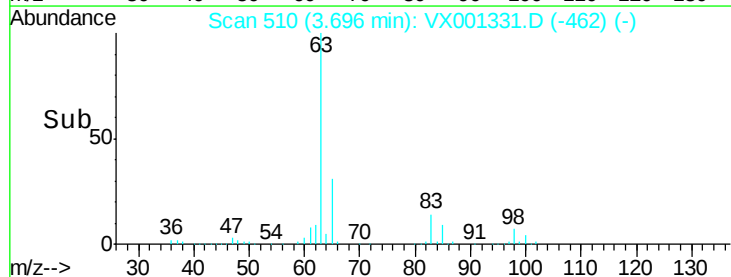
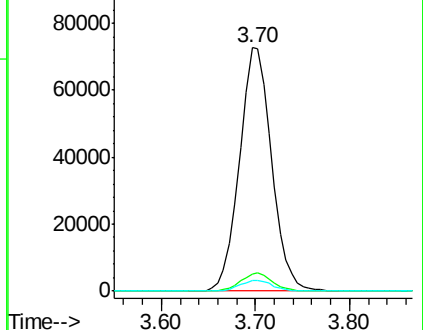
100 4.3 2.3 6.8

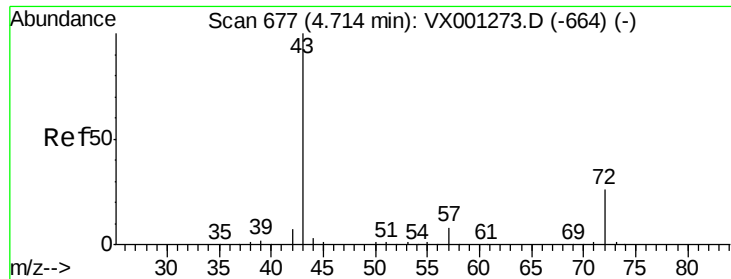


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 284.29 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

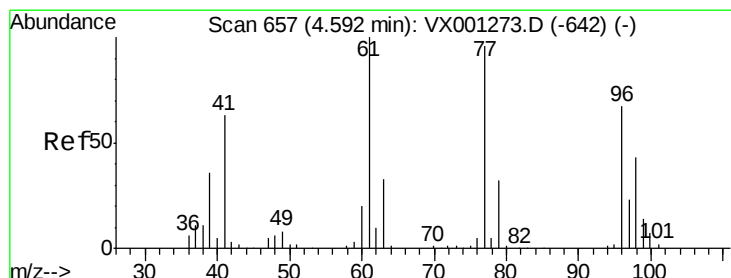
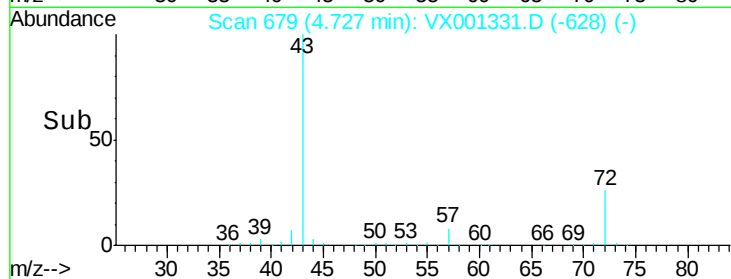
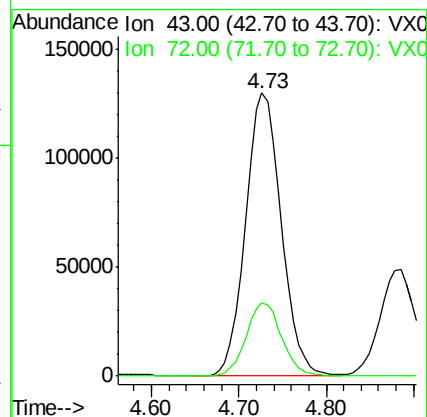
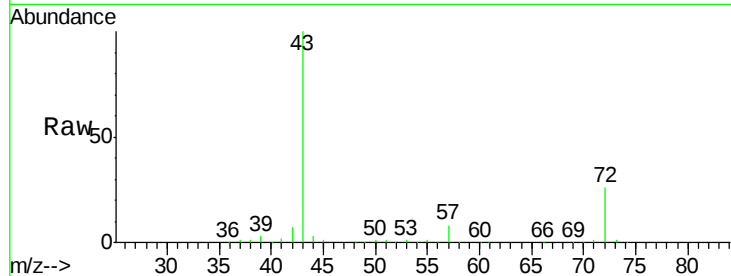
VSTDCCC050

Tgt Ion: 43 Resp: 368301

Ion Ratio Lower Upper

43 100

72 26.2 20.5 30.7



#26

2,2-Dichloropropane

Concen: 33.82 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001331.D

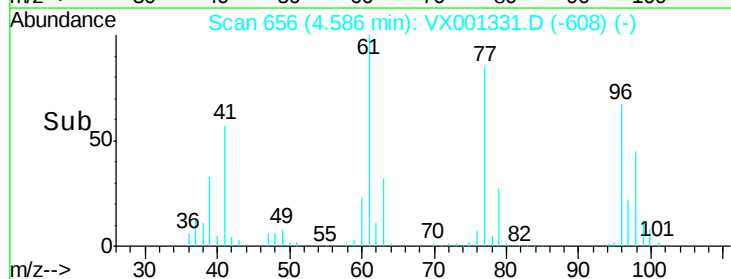
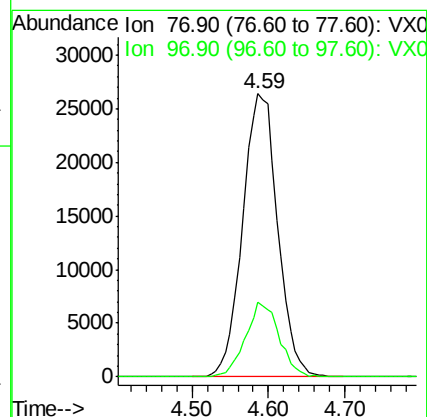
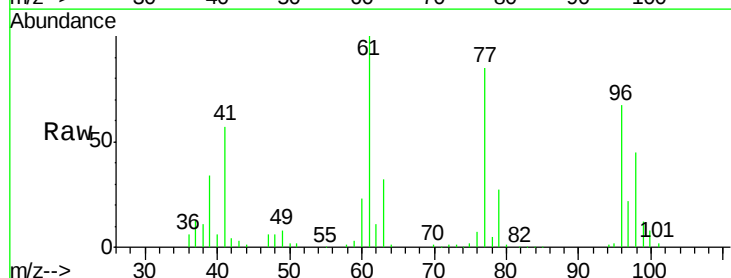
Acq: 02 May 2018 22:03

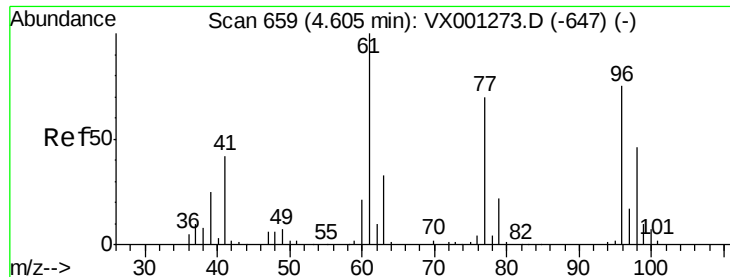
Tgt Ion: 77 Resp: 84035

Ion Ratio Lower Upper

77 100

97 25.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 49.00 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

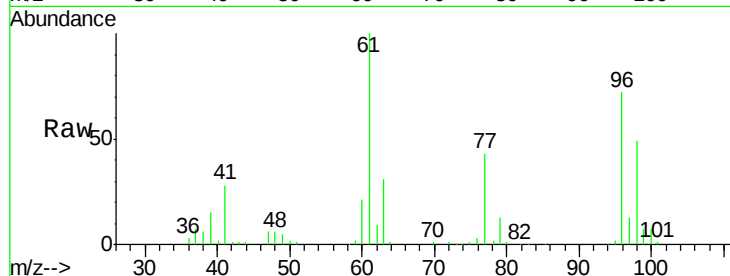
Tgt Ion: 96 Resp: 95334

Ion Ratio Lower Upper

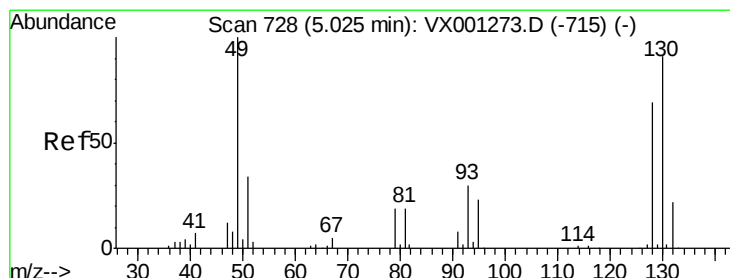
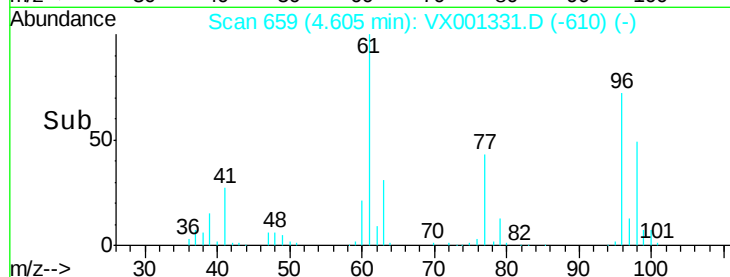
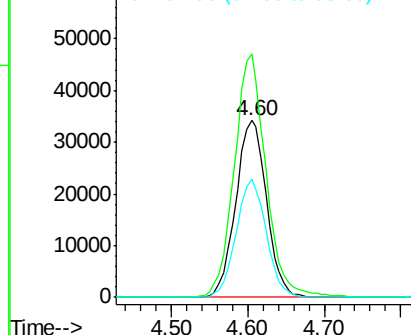
96 100

61 142.2 0.0 288.0

98 65.4 0.0 130.2



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



#28

Bromochloromethane

Concen: 55.64 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

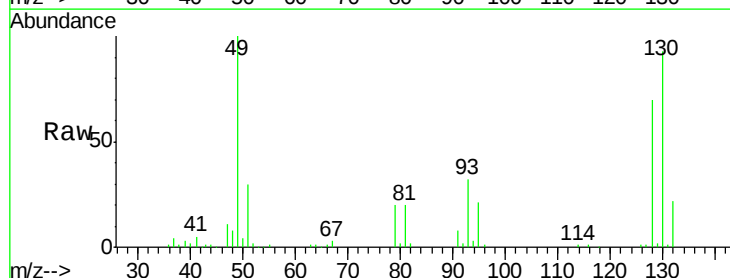
Tgt Ion: 49 Resp: 76360

Ion Ratio Lower Upper

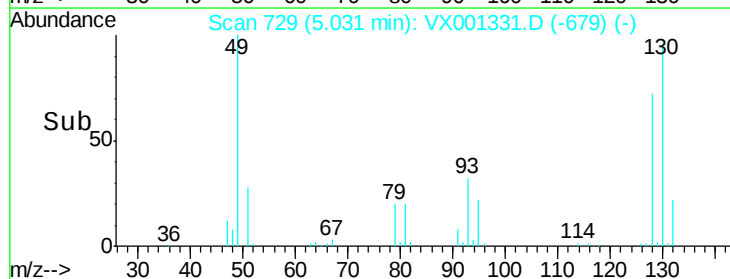
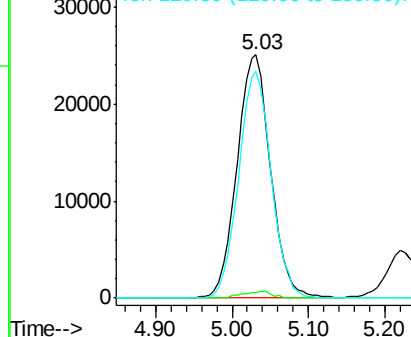
49 100

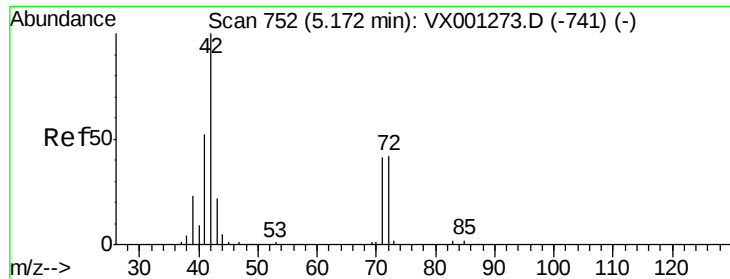
129 2.5 0.0 4.8

130 90.6 70.4 105.6



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

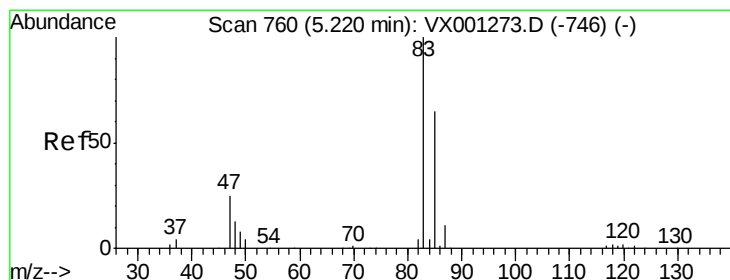
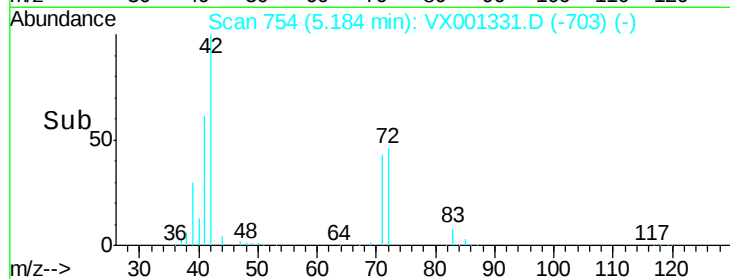
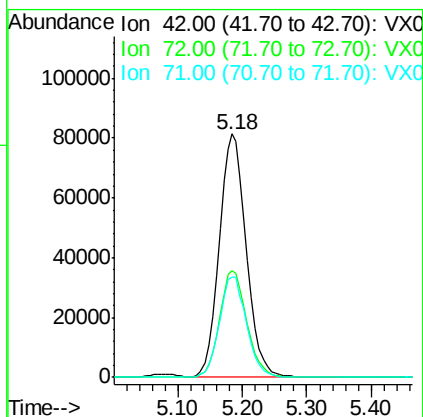
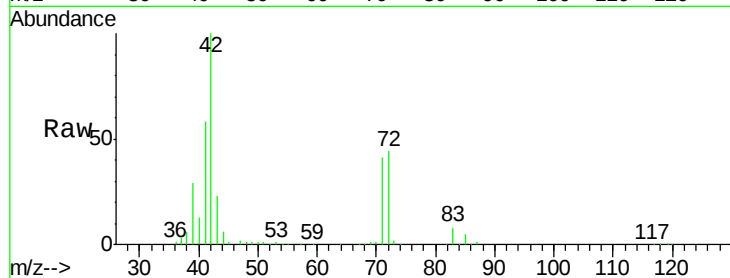




#29
Tetrahydrofuran
Concen: 299.50 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

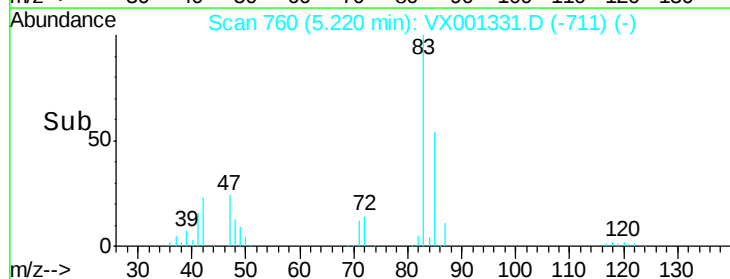
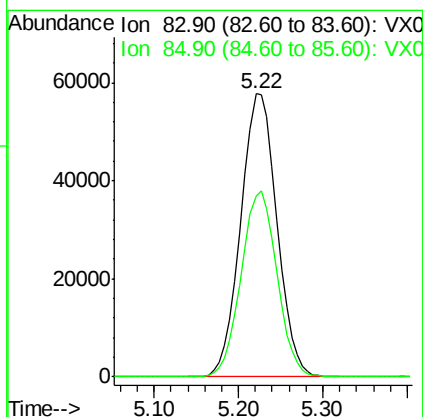
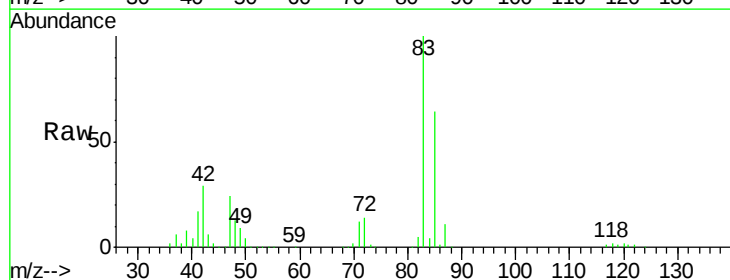
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

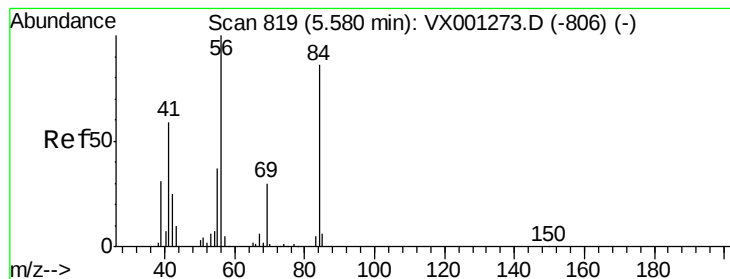
Tgt Ion: 42 Resp: 238628
Ion Ratio Lower Upper
42 100
72 44.4 34.6 52.0
71 41.7 32.7 49.1



#30
Chloroform
Concen: 52.16 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion: 83 Resp: 168318
Ion Ratio Lower Upper
83 100
85 64.0 52.2 78.2





#31

Cyclohexane

Concen: 46.91 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

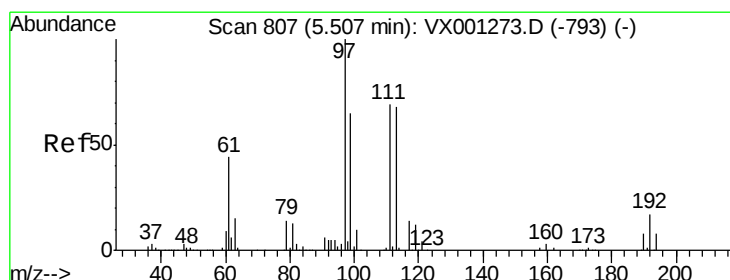
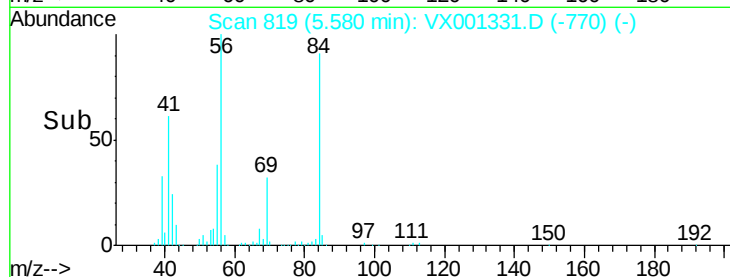
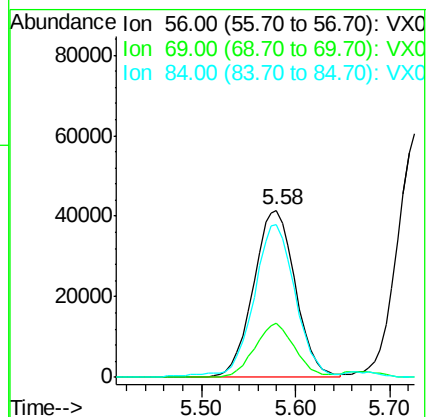
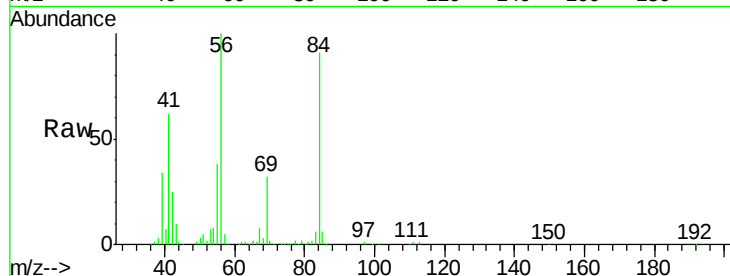
Tgt Ion: 56 Resp: 129341

Ion Ratio Lower Upper

56 100

69 32.1 24.0 36.0

84 89.7 69.0 103.4



#32

1,1,1-Trichloroethane

Concen: 51.56 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

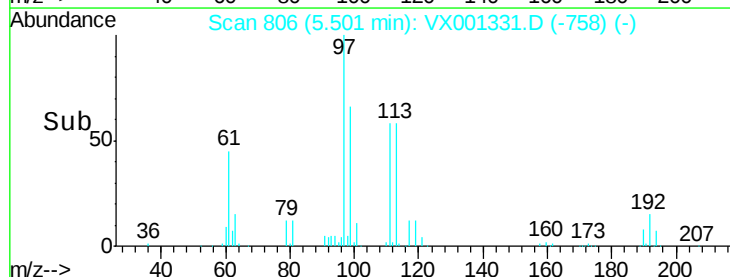
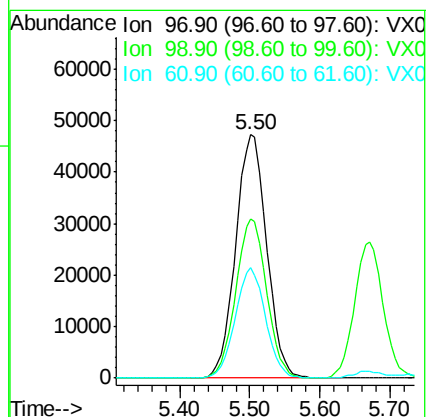
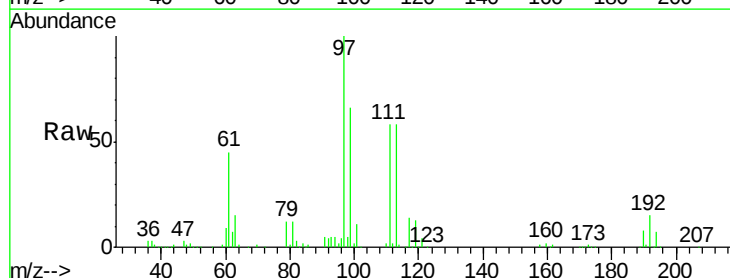
Tgt Ion: 97 Resp: 145431

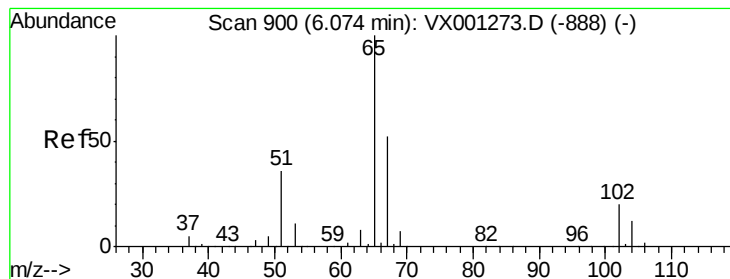
Ion Ratio Lower Upper

97 100

99 65.2 51.8 77.6

61 44.4 35.4 53.2





#33

1,2-Dichloroethane-d4

Concen: 48.79 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

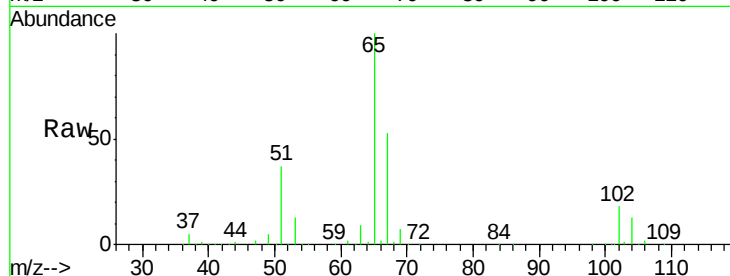
VSTDCCC050

Tgt Ion: 65 Resp: 109523

Ion Ratio Lower Upper

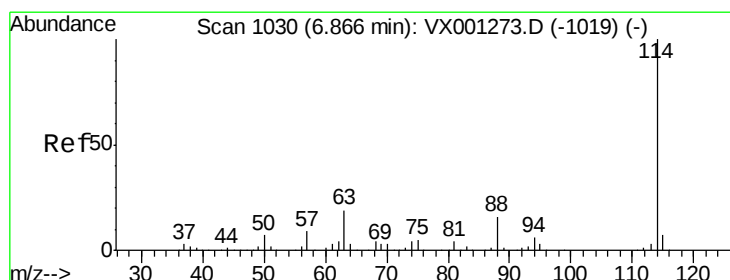
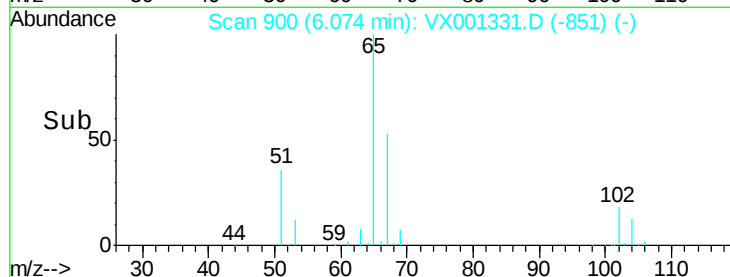
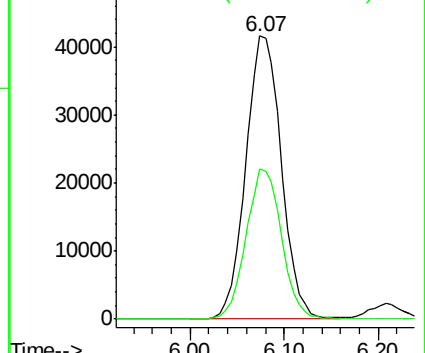
65 100

67 52.7 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: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

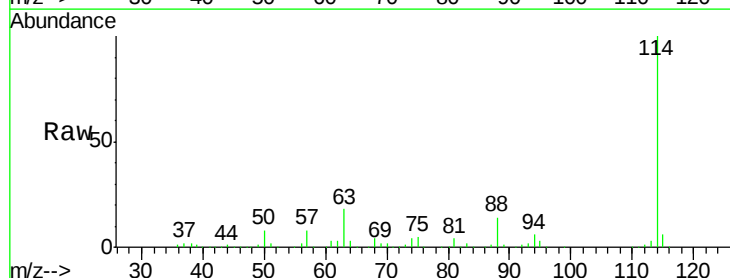
Tgt Ion: 114 Resp: 217165

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.8

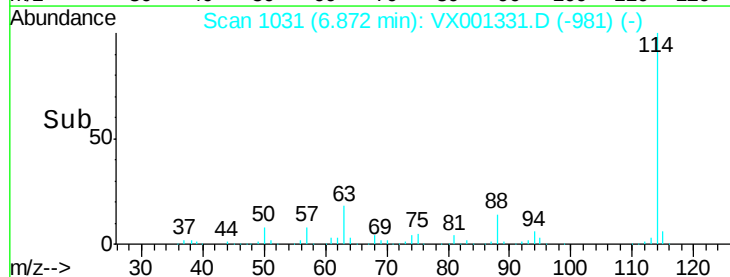
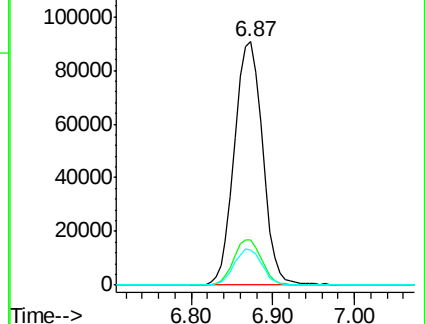
88 14.4 0.0 32.2

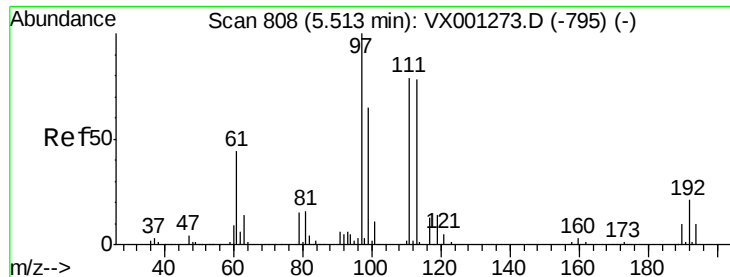


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

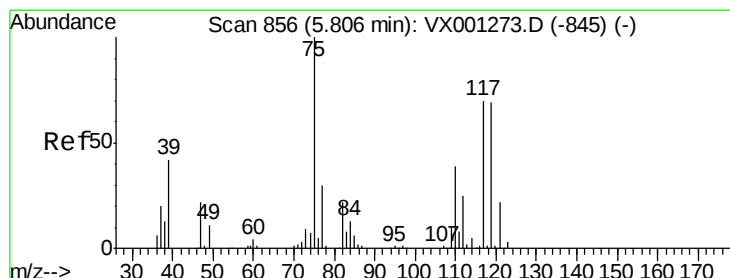
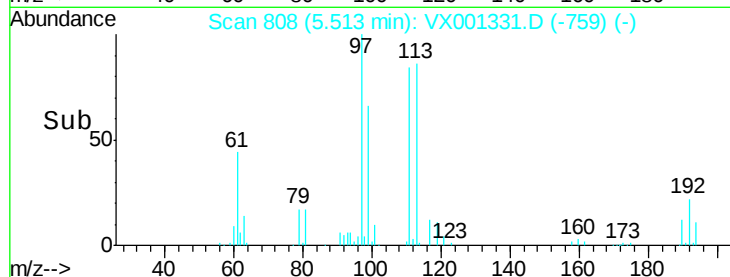
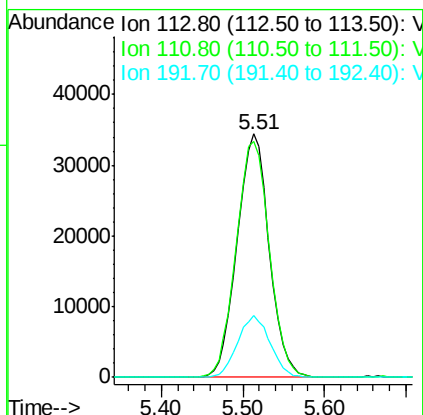
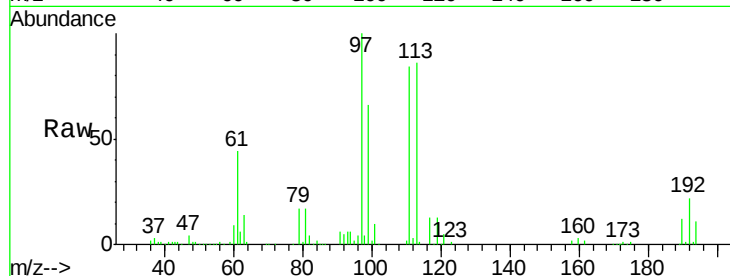




#35
 Dibromofluoromethane
 Concen: 50.32 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

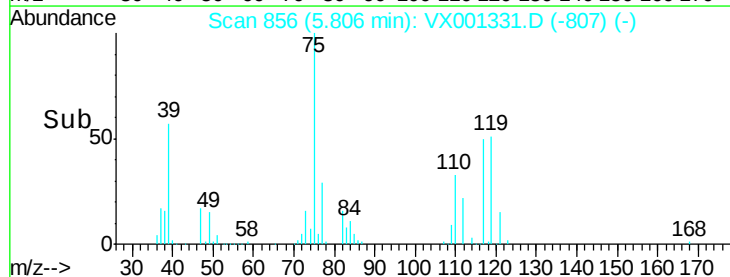
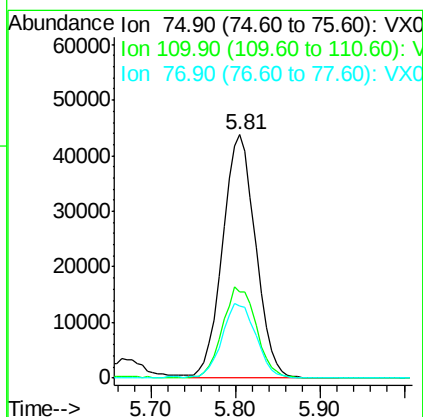
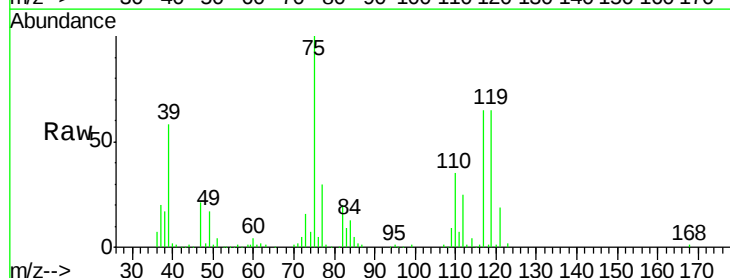
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

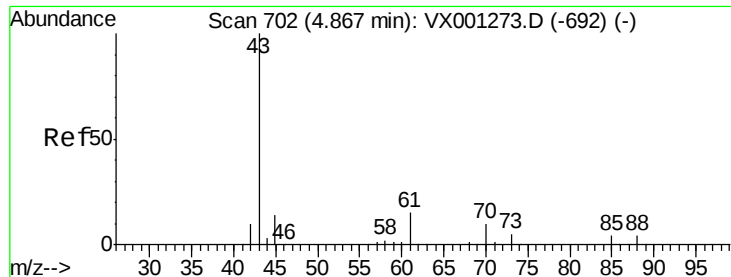
Tgt Ion:113 Resp: 94153
 Ion Ratio Lower Upper
 113 100
 111 100.2 81.2 121.8
 192 25.6 20.7 31.1



#36
 1,1-Dichloropropene
 Concen: 46.87 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Tgt Ion: 75 Resp: 117480
 Ion Ratio Lower Upper
 75 100
 110 38.0 18.9 56.9
 77 31.5 24.2 36.2

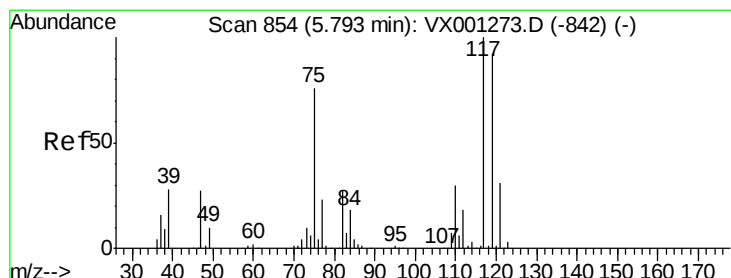
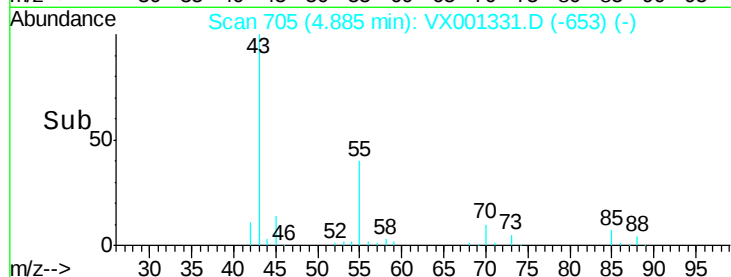
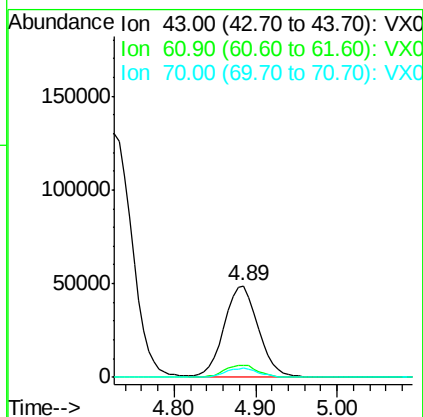
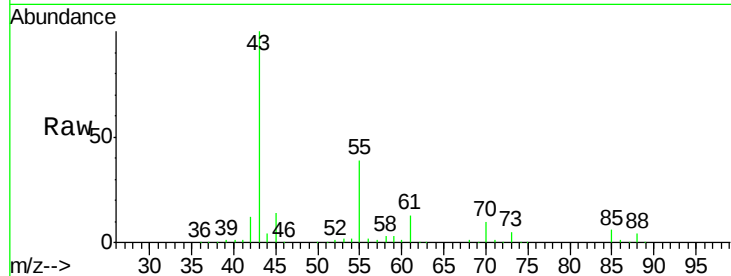




#37
Ethyl Acetate
Concen: 55.63 ug/l
RT: 4.89 min Scan# 705
Delta R.T. 0.02 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

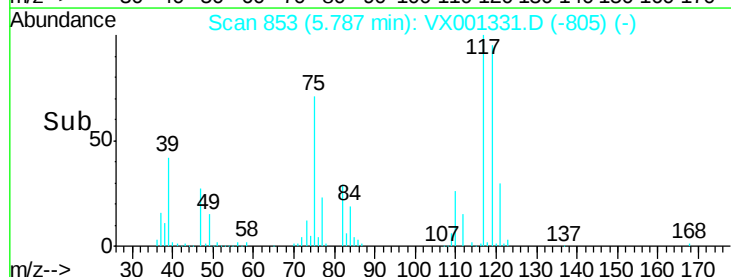
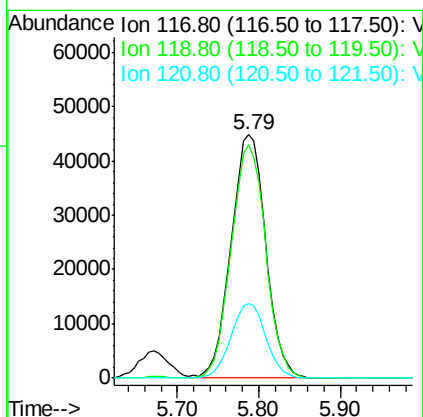
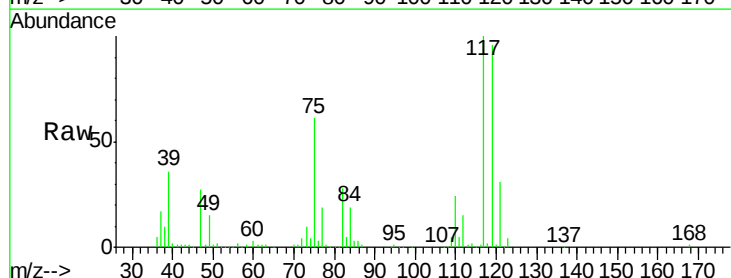
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 140795
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.2 8.0 12.0



#38
Carbon Tetrachloride
Concen: 50.28 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion: 117 Resp: 132028
Ion Ratio Lower Upper
117 100
119 95.6 73.4 110.2
121 30.7 25.0 37.4

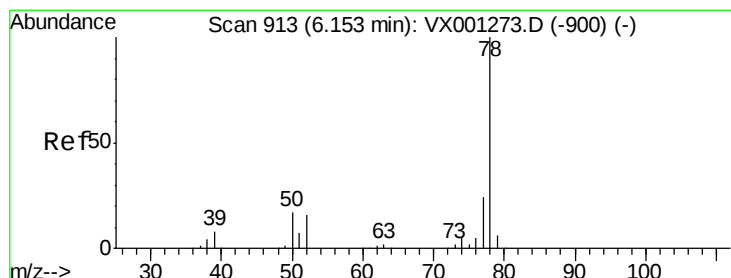
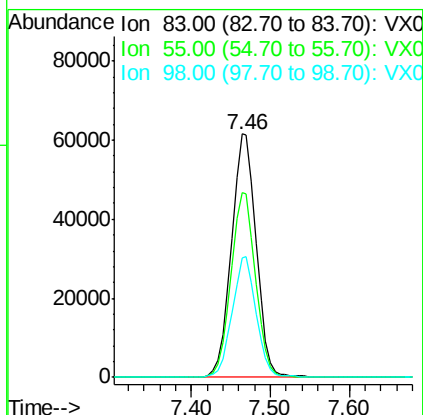
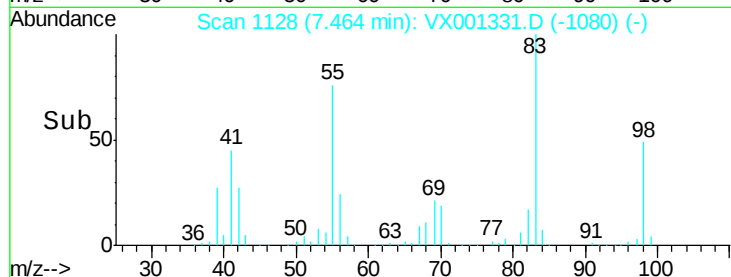
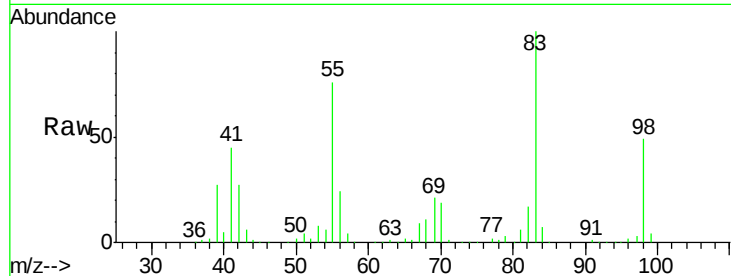




#39
Methylcyclohexane
Concen: 45.39 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

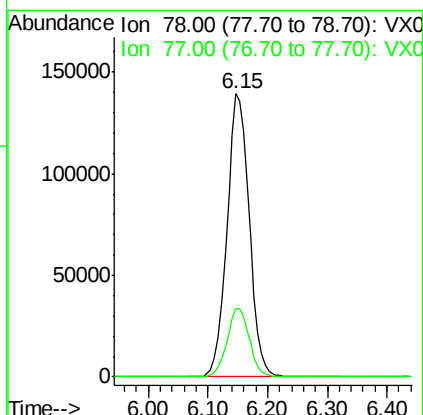
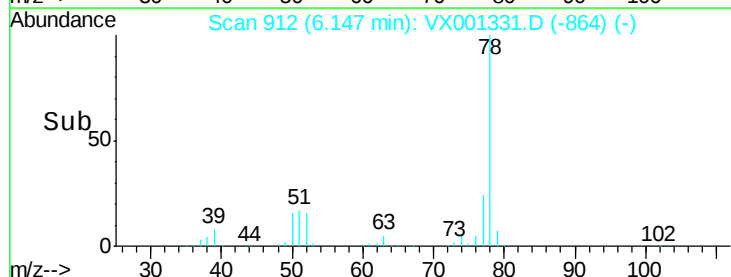
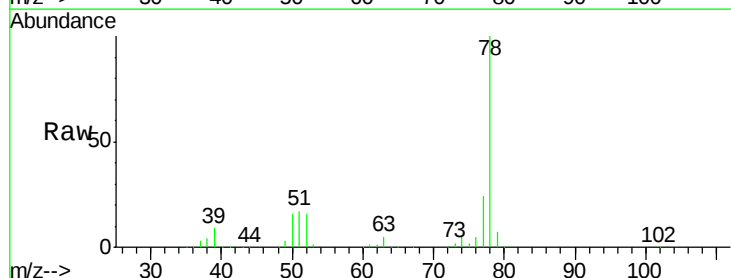
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

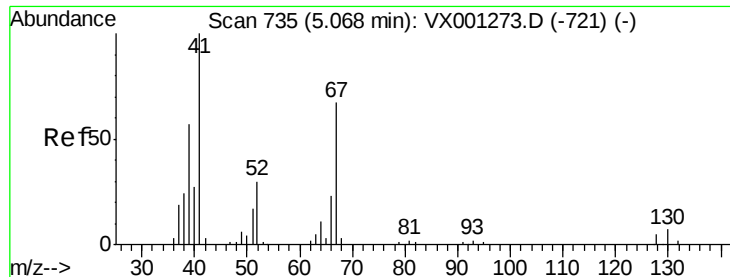
Tgt Ion: 83 Resp: 134540
Ion Ratio Lower Upper
83 100
55 75.9 60.4 90.6
98 49.0 37.0 55.6



#40
Benzene
Concen: 50.14 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion: 78 Resp: 361551
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4





#41

Methacrylonitrile

Concen: 52.53 ug/l

RT: 5.08 min Scan# 737

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 77434

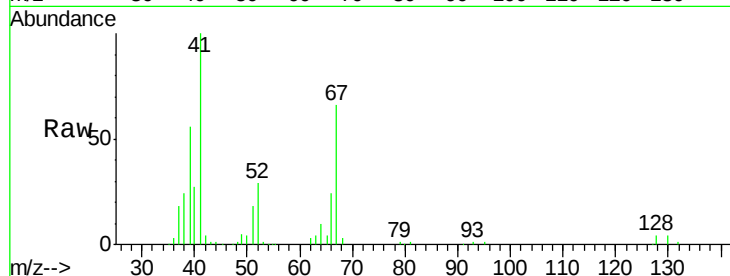
Ion Ratio Lower Upper

41 100

39 57.1 45.8 68.8

67 69.1 54.8 82.2

52 29.2 24.6 37.0

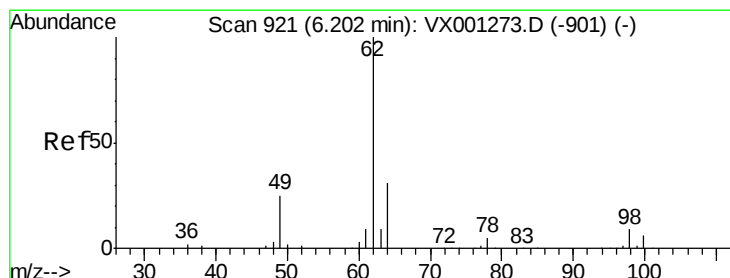
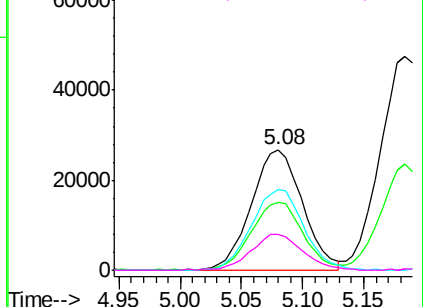
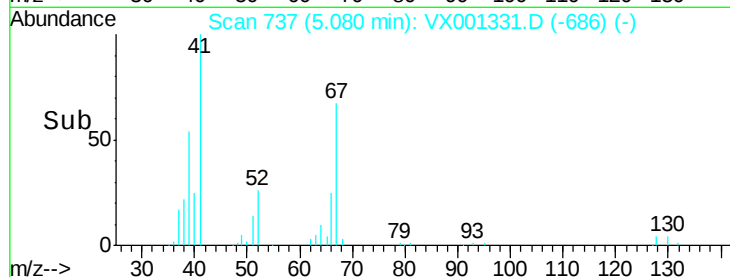


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.43 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.01 min

Lab File: VX001331.D

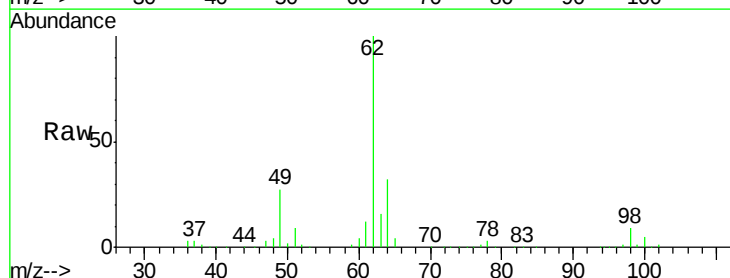
Acq: 02 May 2018 22:03

Tgt Ion: 62 Resp: 137980

Ion Ratio Lower Upper

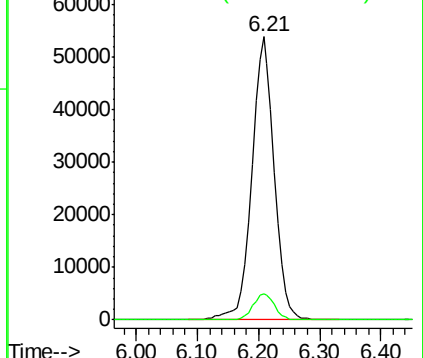
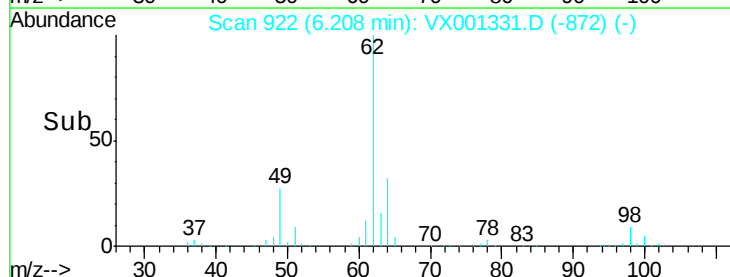
62 100

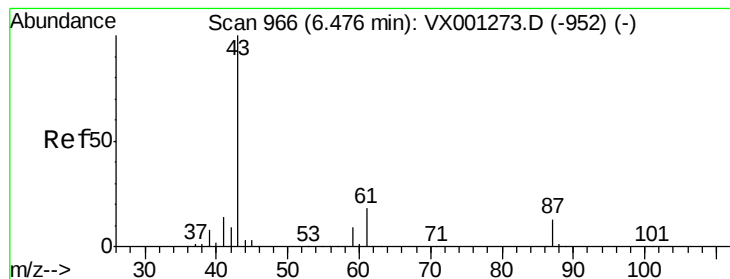
98 8.9 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.01 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

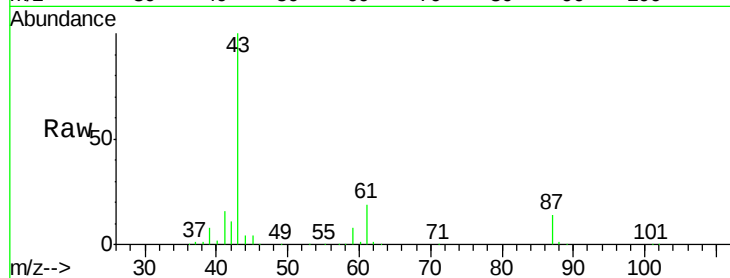
Tgt Ion: 43 Resp: 221316

Ion Ratio Lower Upper

43 100

61 18.5 15.0 22.4

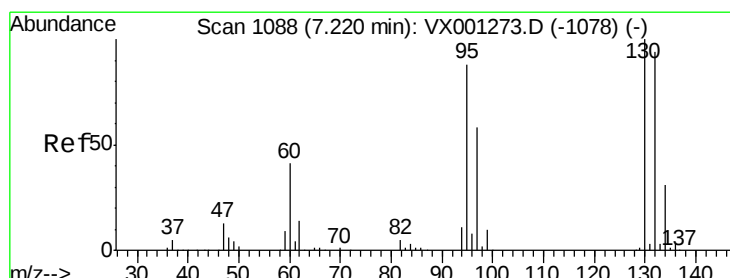
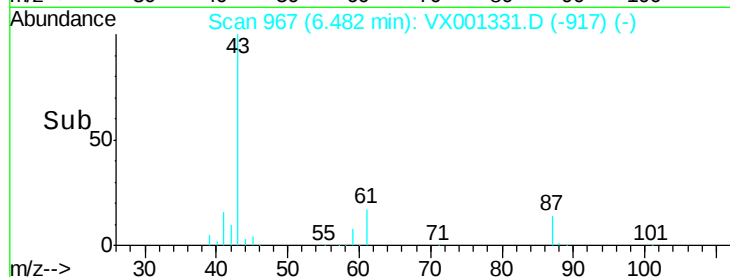
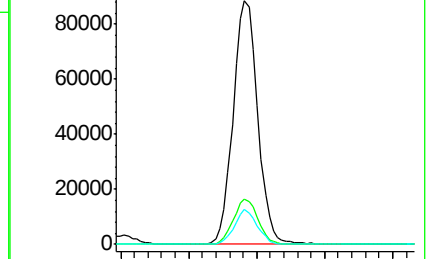
87 13.3 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VX001331.D (-917) (-)

Ion 61.00 (60.70 to 61.70): VX001331.D (-917) (-)

Ion 87.00 (86.70 to 87.70): VX001331.D (-917) (-)



#44

Trichloroethene

Concen: 49.52 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001331.D

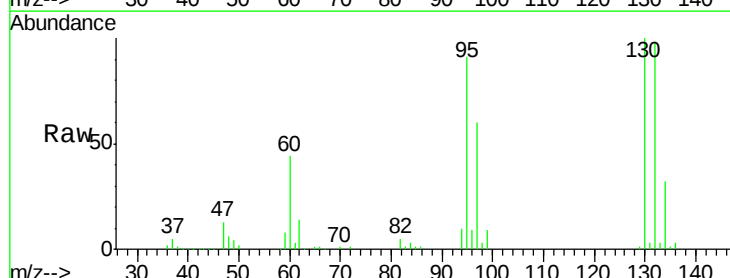
Acq: 02 May 2018 22:03

Tgt Ion: 130 Resp: 109288

Ion Ratio Lower Upper

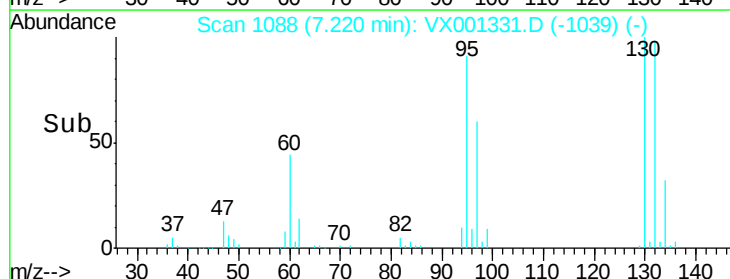
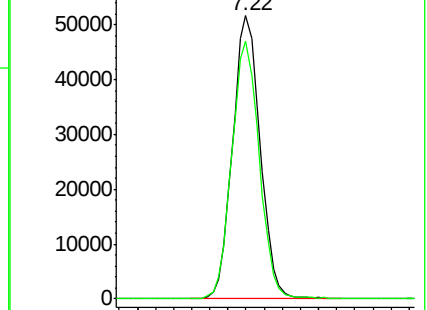
130 100

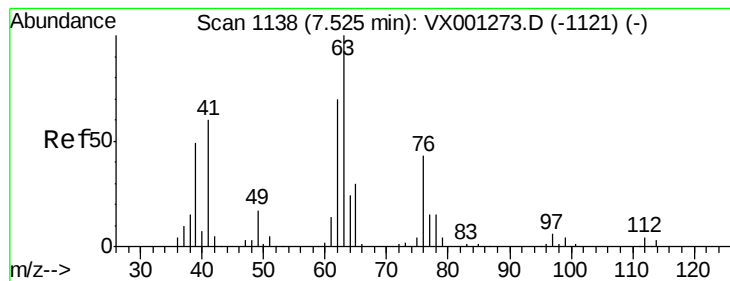
95 90.9 0.0 176.0



Abundance Ion 129.80 (129.50 to 130.50): VX001331.D (-1039) (-)

Ion 94.90 (94.60 to 95.60): VX001331.D (-1039) (-)





#45

1,2-Dichloropropane

Concen: 49.38 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

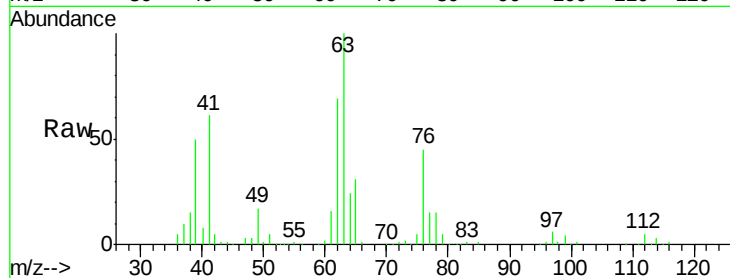
VSTDCCC050

Tgt Ion: 63 Resp: 91435

Ion Ratio Lower Upper

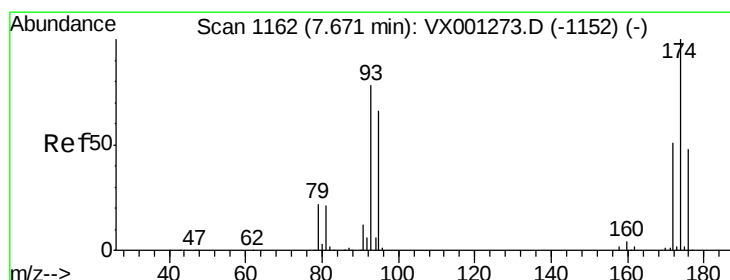
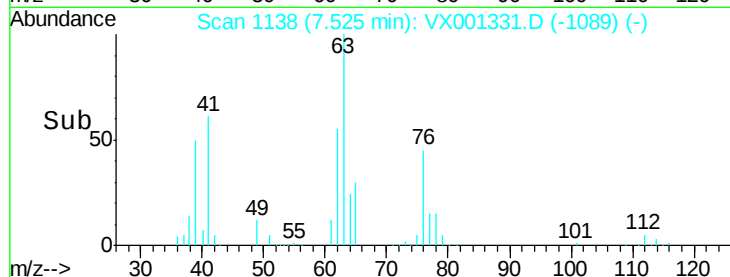
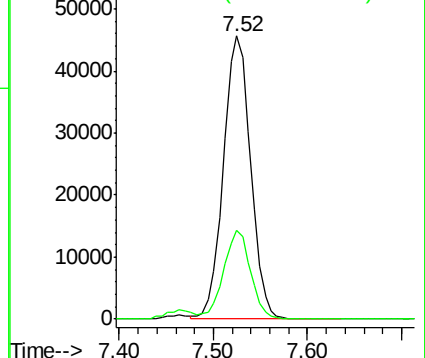
63 100

65 31.3 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.62 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

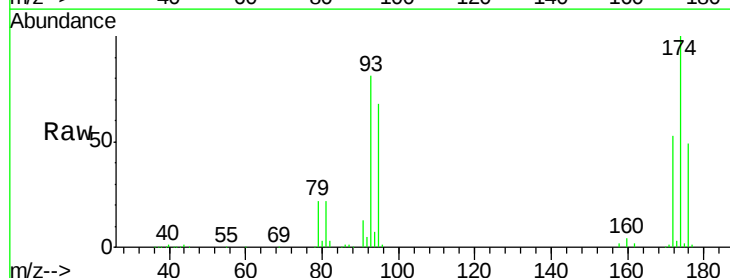
Tgt Ion: 93 Resp: 65695

Ion Ratio Lower Upper

93 100

95 84.1 67.0 100.6

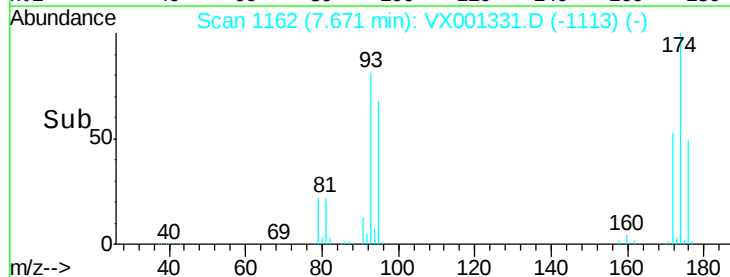
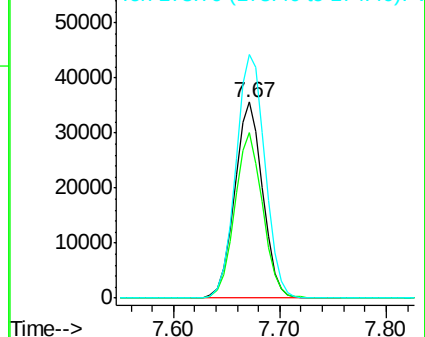
174 129.4 102.3 153.5

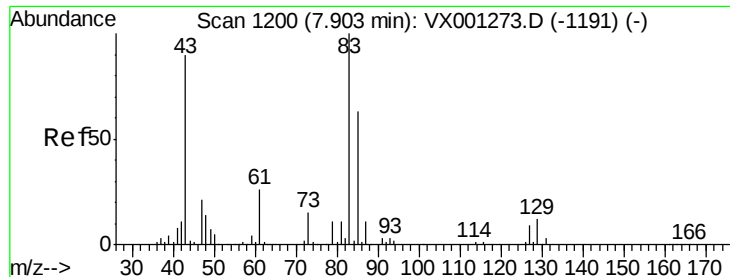


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.47 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

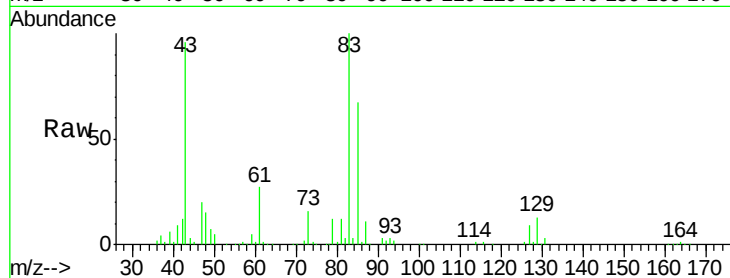
Tgt Ion: 83 Resp: 121761

Ion Ratio Lower Upper

83 100

85 67.2 50.3 75.5

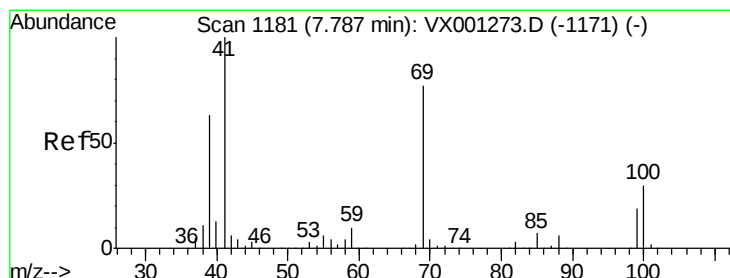
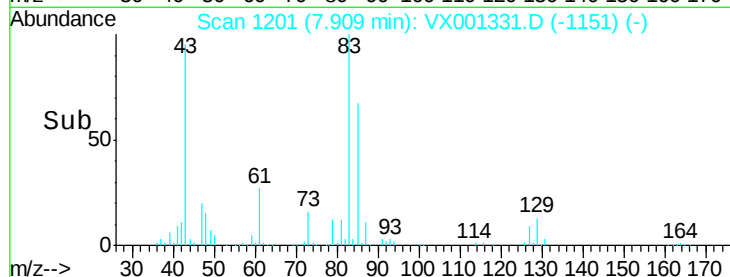
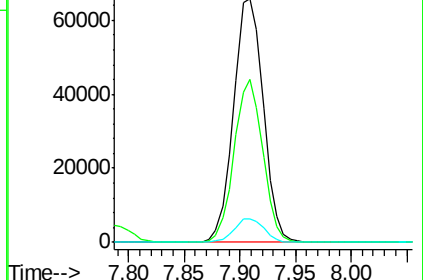
127 9.4 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.18 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

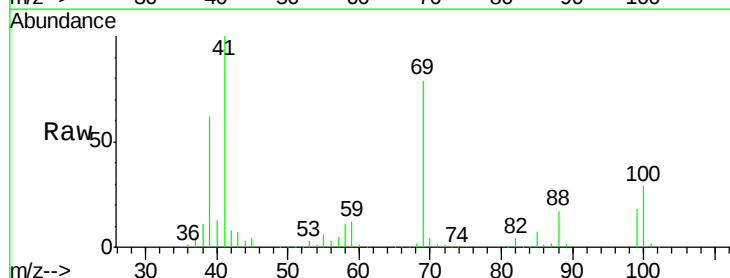
Tgt Ion: 41 Resp: 118015

Ion Ratio Lower Upper

41 100

69 80.0 63.0 94.6

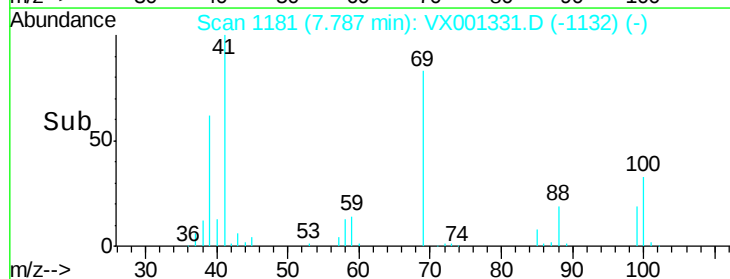
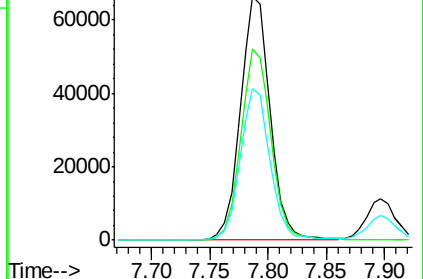
39 62.2 50.2 75.4

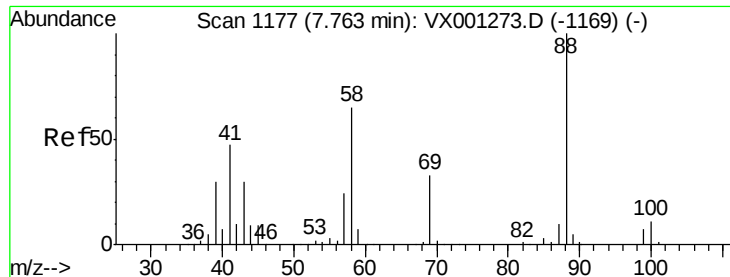


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

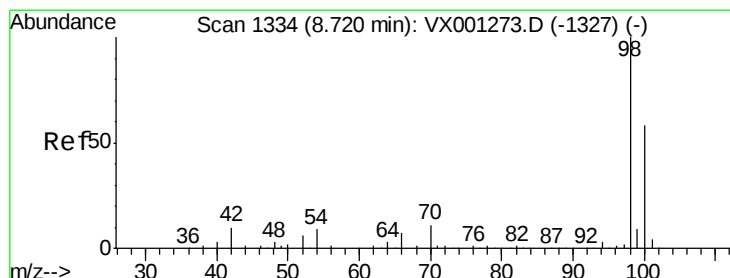
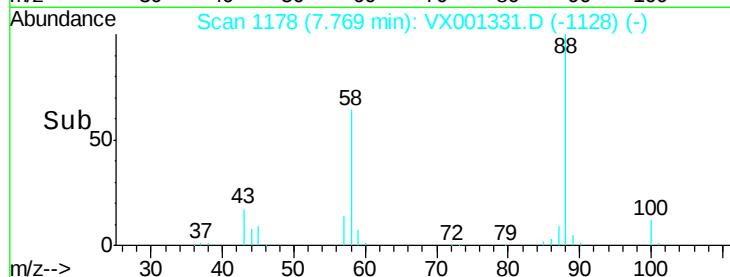
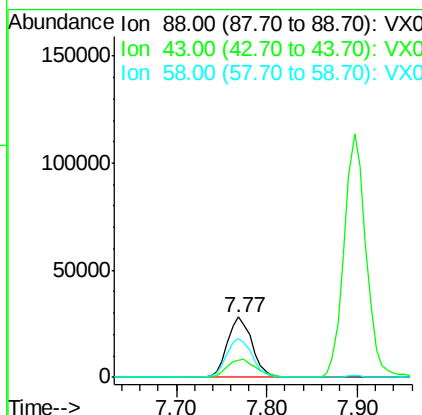
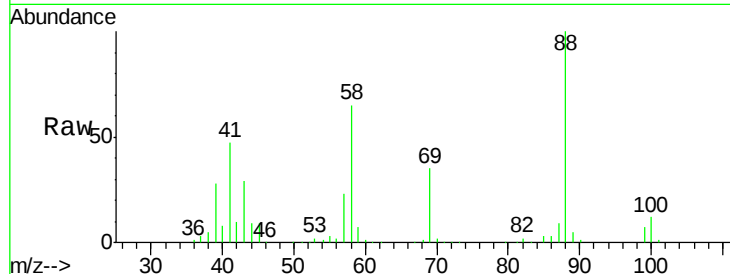




#49
 1,4-Dioxane
 Concen: 1298.83 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

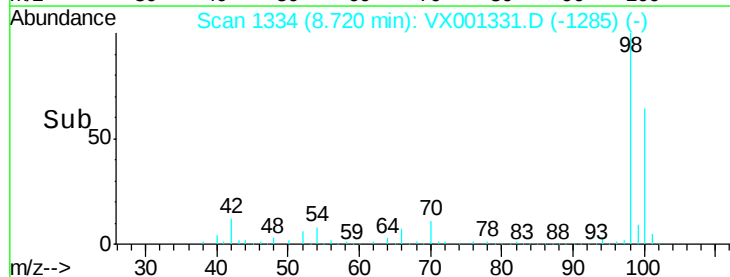
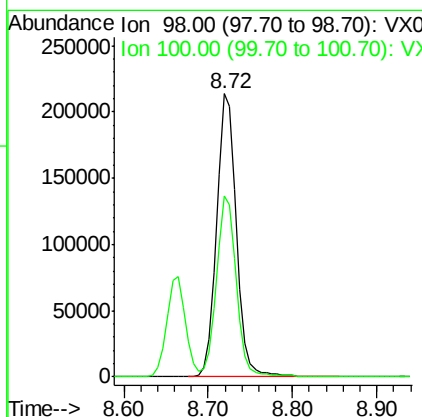
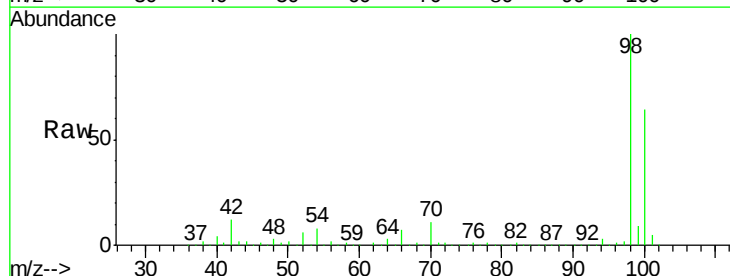
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

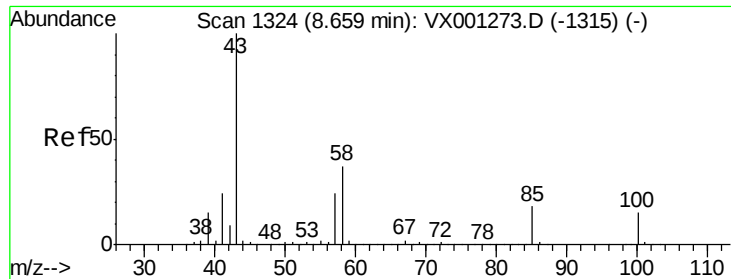
Tgt Ion: 88 Resp: 53387
 Ion Ratio Lower Upper
 88 100
 43 35.5 27.9 41.9
 58 67.4 54.2 81.2



#50
 Toluene-d8
 Concen: 51.91 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Tgt Ion: 98 Resp: 346955
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.0 76.4

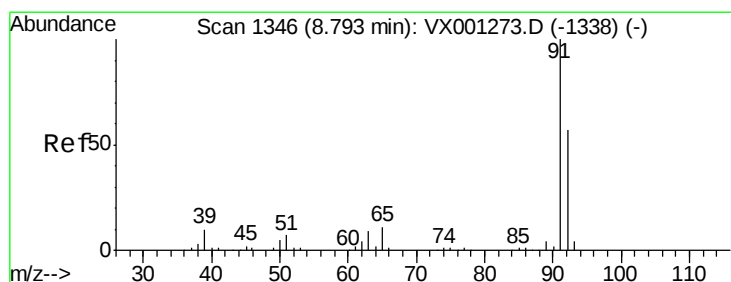
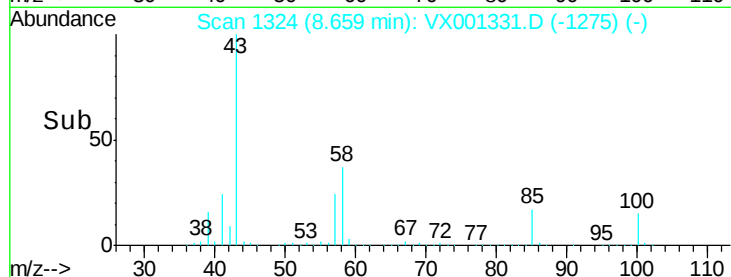
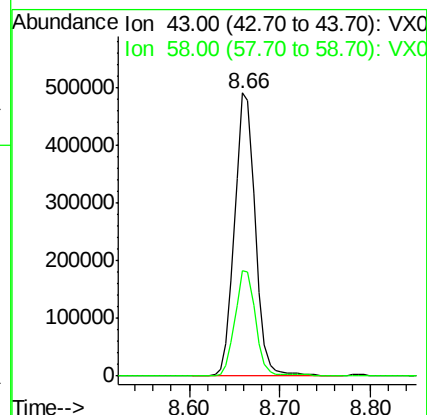
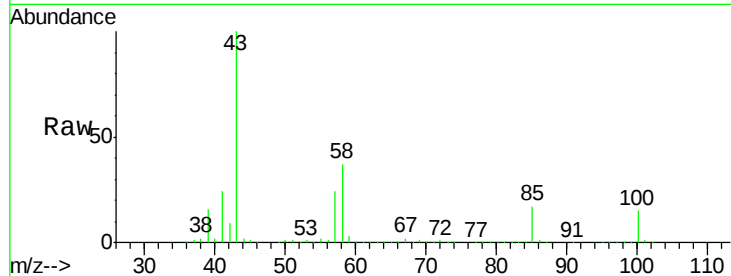




#51
4-Methyl-2-Pentanone
Concen: 295.32 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

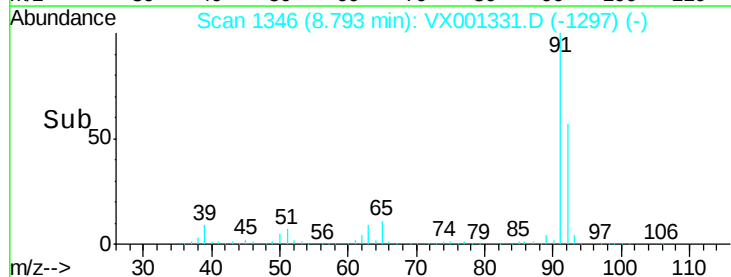
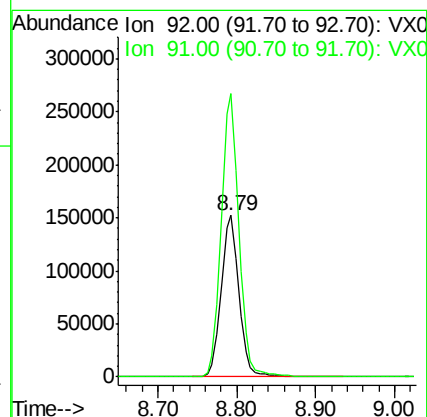
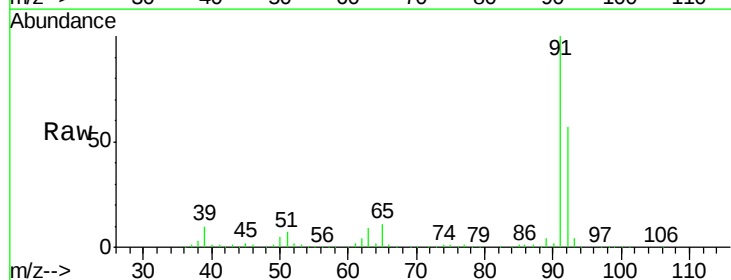
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

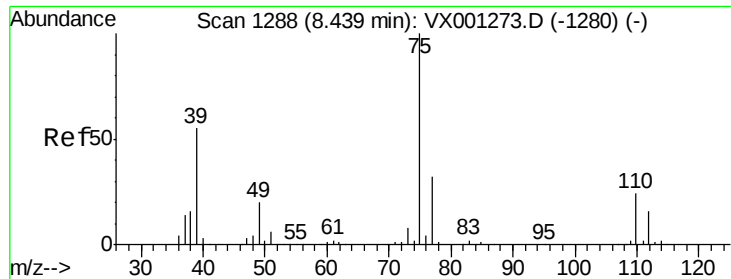
Tgt Ion: 43 Resp: 780098
Ion Ratio Lower Upper
43 100
58 36.9 29.0 43.6



#52
Toluene
Concen: 50.79 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion: 92 Resp: 239358
Ion Ratio Lower Upper
92 100
91 175.1 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 49.17 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

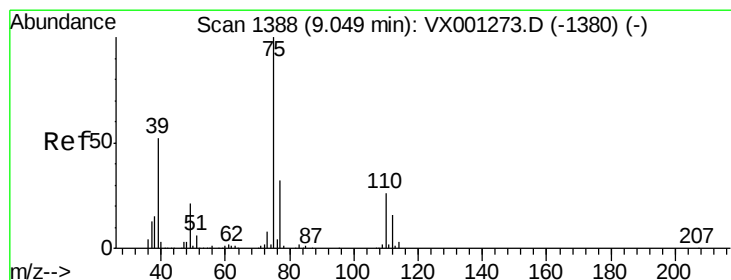
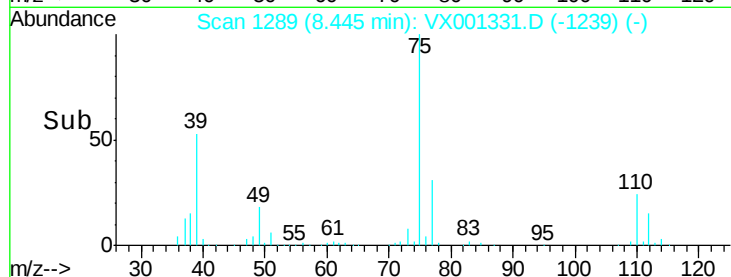
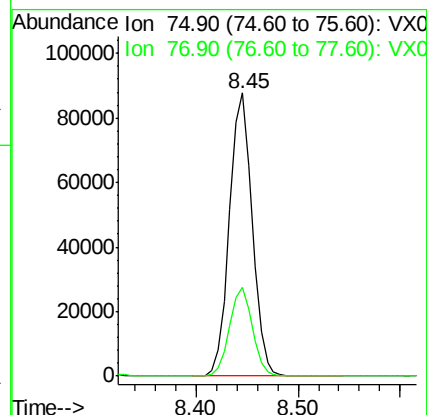
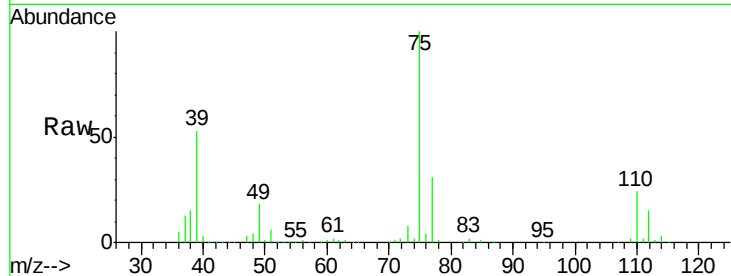
VSTDCCC050

Tgt Ion: 75 Resp: 135700

Ion Ratio Lower Upper

75 100

77 31.4 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 50.11 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

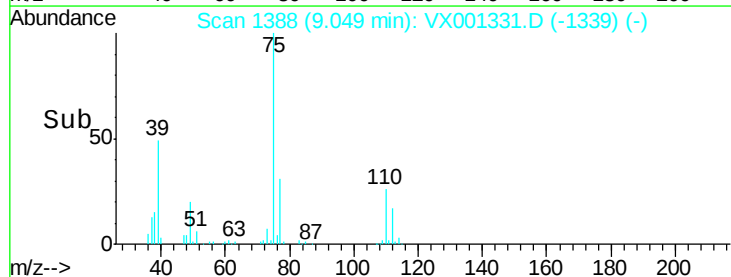
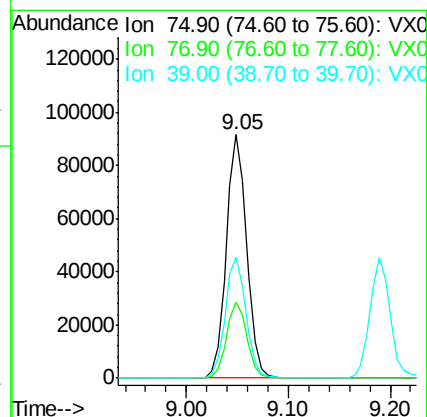
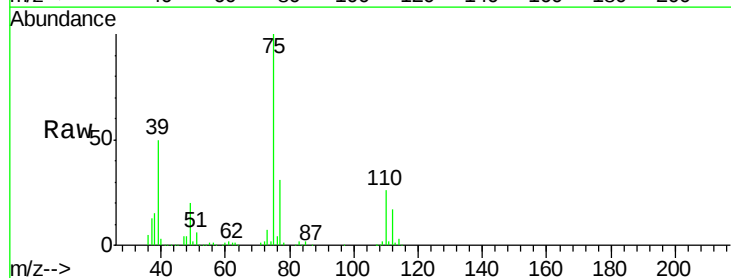
Tgt Ion: 75 Resp: 127219

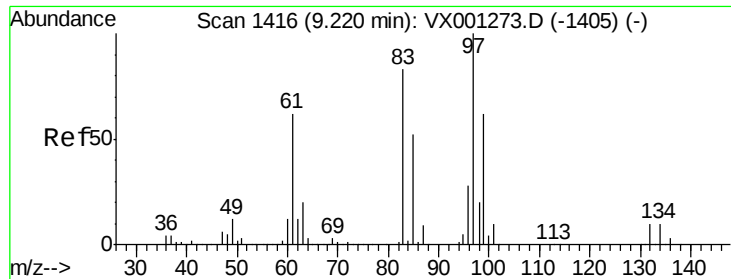
Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3

39 49.7 41.9 62.9

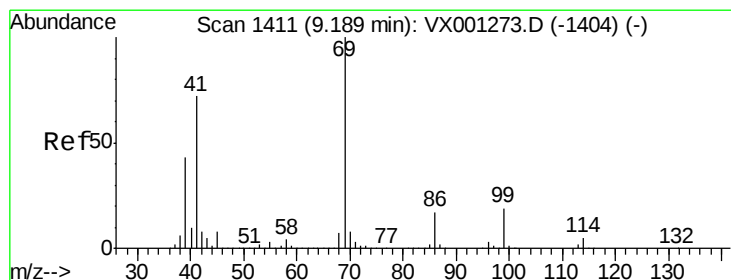
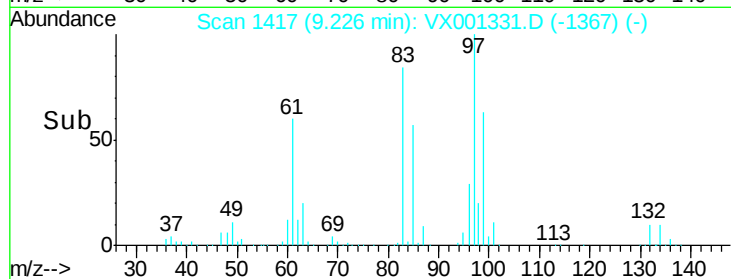
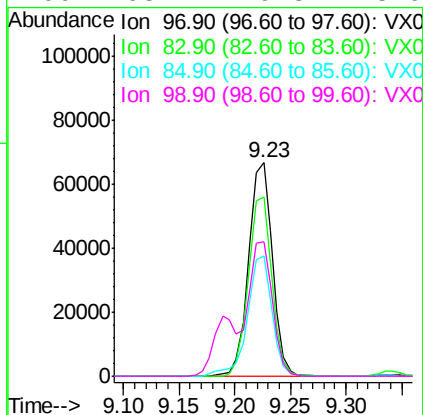
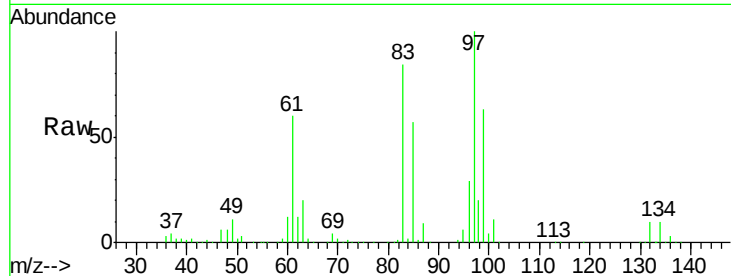




#55
 1,1,2-Trichloroethane
 Concen: 52.13 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

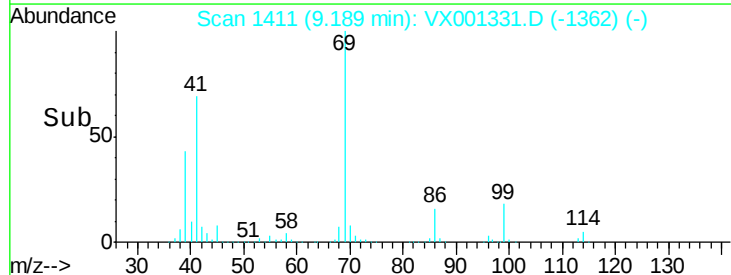
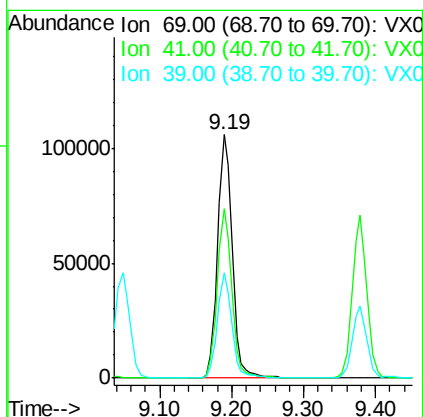
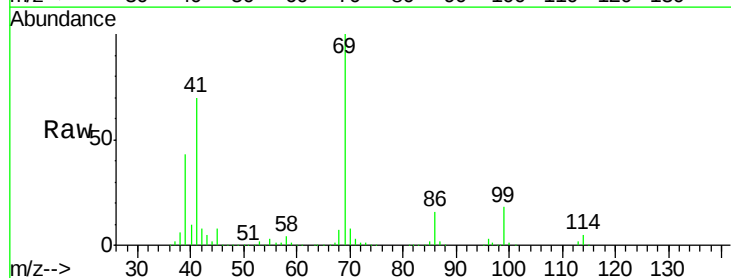
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

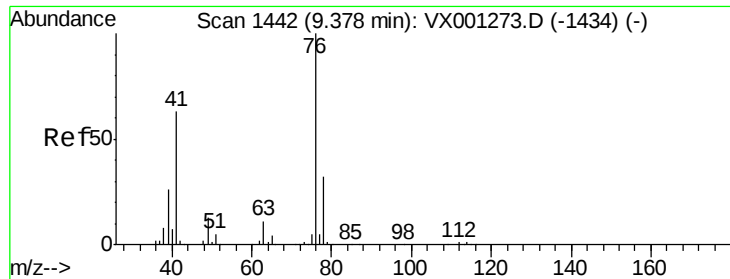
Tgt Ion:	97	Resp:	99240
Ion	Ratio	Lower	Upper
97	100		
83	84.0	66.4	99.6
85	56.6	41.6	62.4
99	63.1	49.3	73.9



#56
 Ethyl methacrylate
 Concen: 56.39 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Tgt Ion:	69	Resp:	148753
Ion	Ratio	Lower	Upper
69	100		
41	69.0	57.2	85.8
39	42.3	34.3	51.5

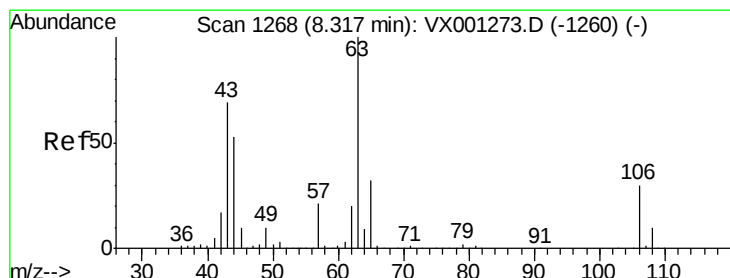
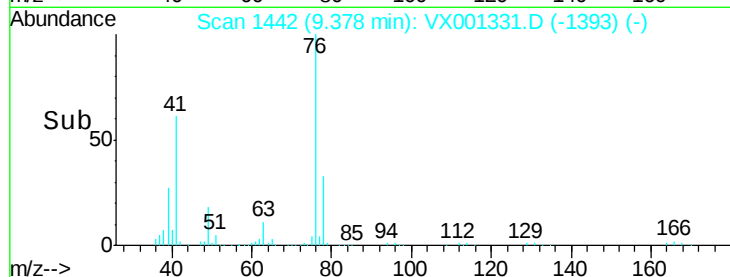
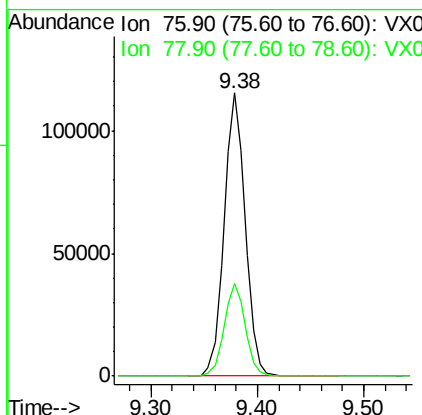
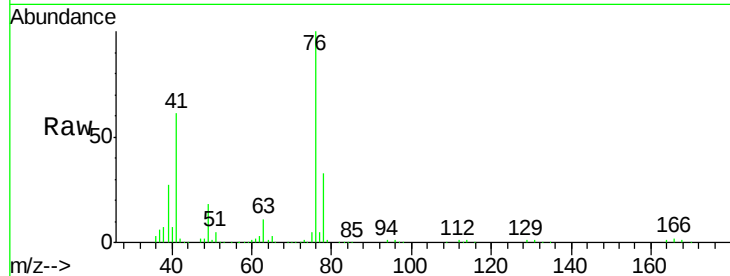




#57
 1,3-Dichloropropane
 Concen: 52.21 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

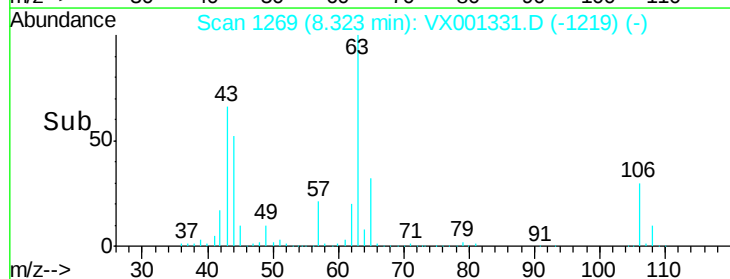
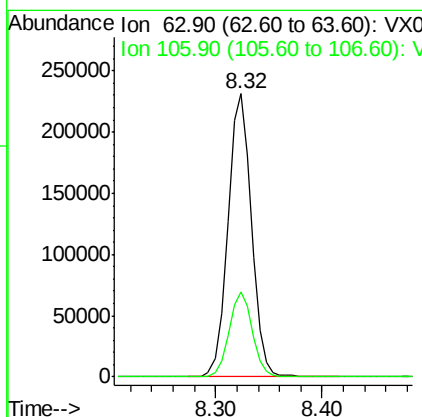
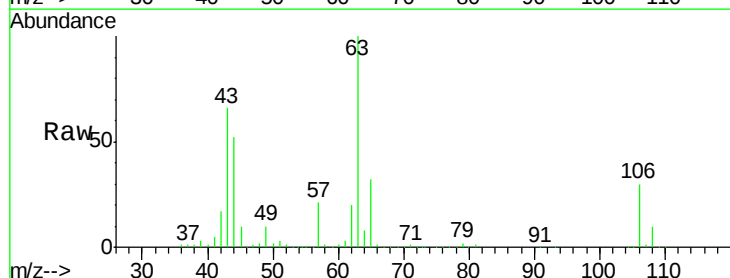
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

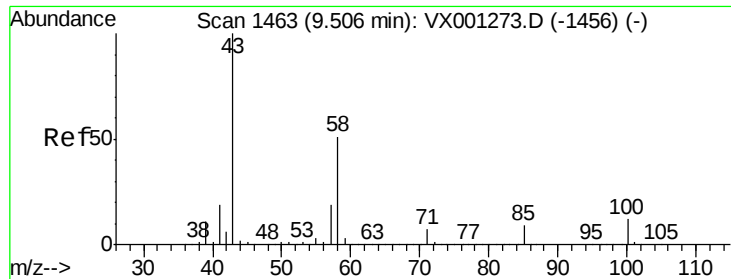
Tgt Ion: 76 Resp: 159893
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 280.81 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Tgt Ion: 63 Resp: 357385
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.8 35.6

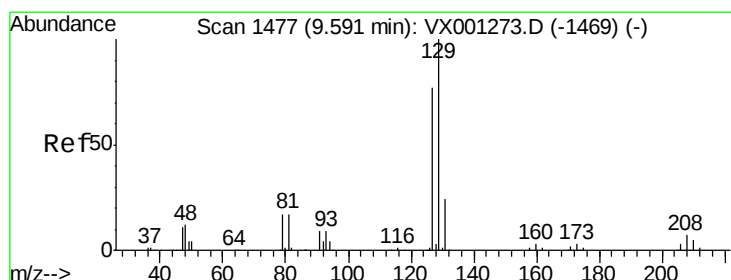
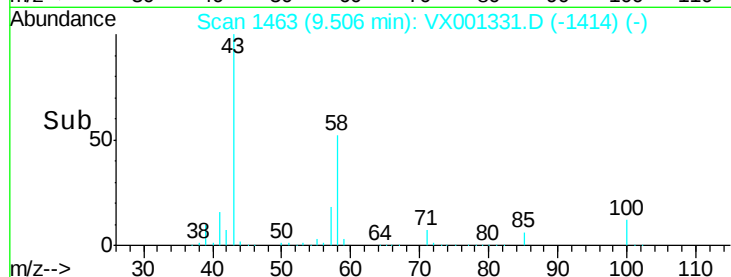
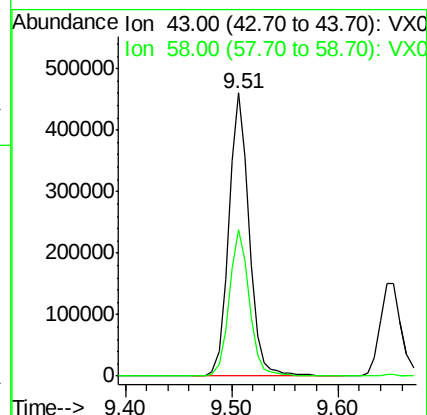
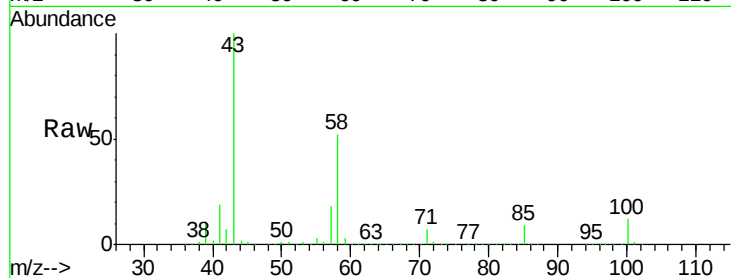




#59
2-Hexanone
Concen: 298.01 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

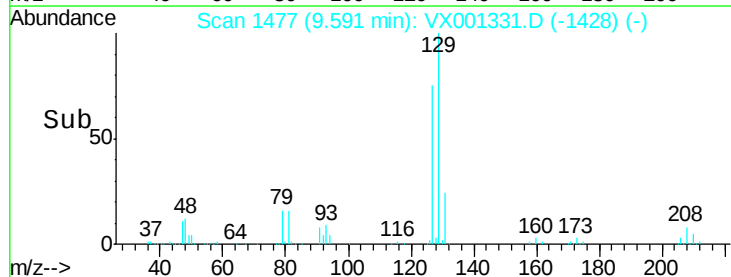
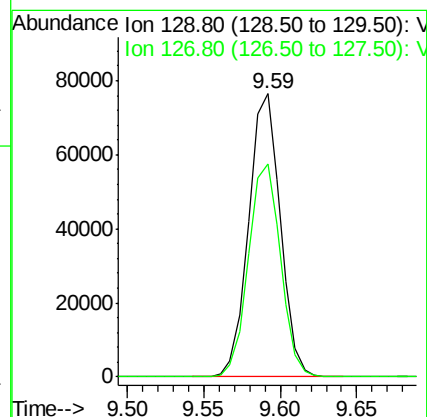
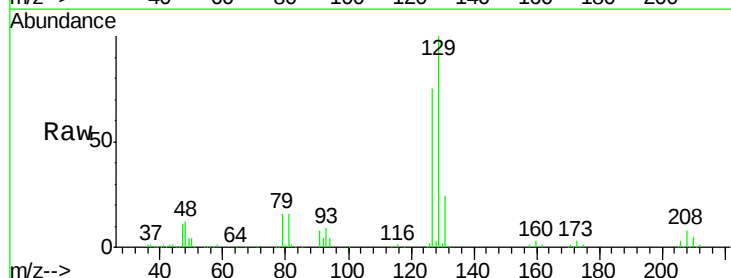
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

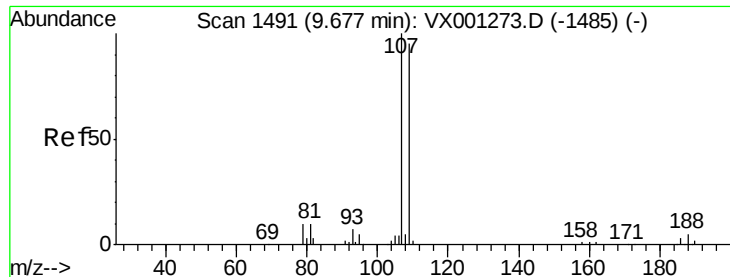
Tgt Ion: 43 Resp: 615272
Ion Ratio Lower Upper
43 100
58 51.4 25.7 77.0



#60
Dibromochloromethane
Concen: 55.42 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion: 129 Resp: 110073
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.3





#61

1,2-Dibromoethane

Concen: 53.84 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

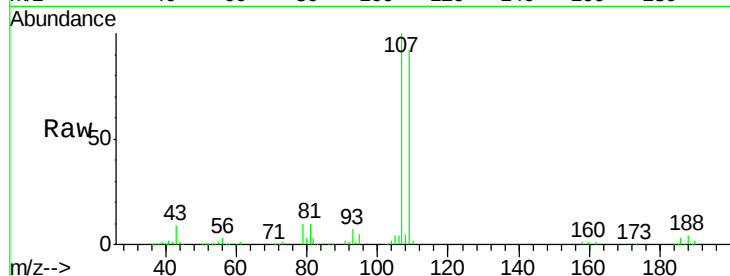
VSTDCCC050

Tgt Ion: 107 Resp: 108644

Ion Ratio Lower Upper

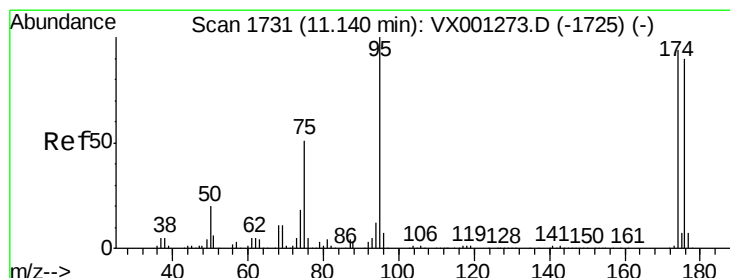
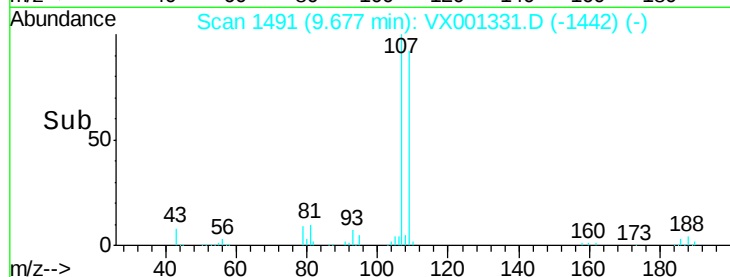
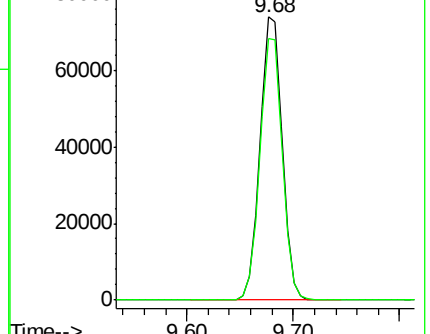
107 100

109 93.6 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.20 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

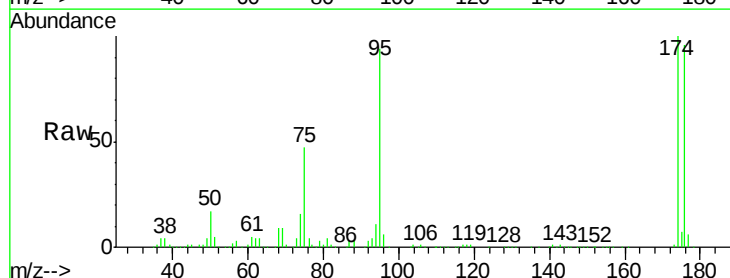
Tgt Ion: 95 Resp: 131533

Ion Ratio Lower Upper

95 100

174 104.3 0.0 201.8

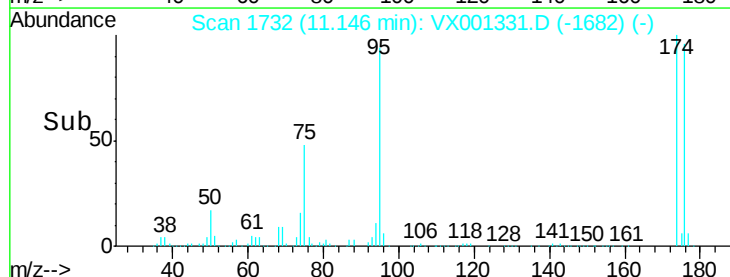
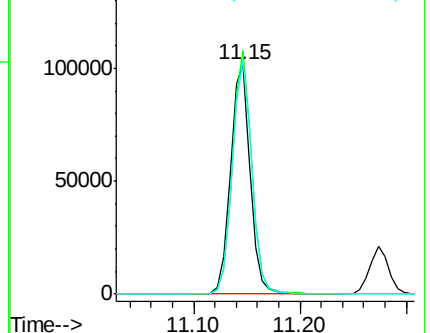
176 101.1 0.0 197.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

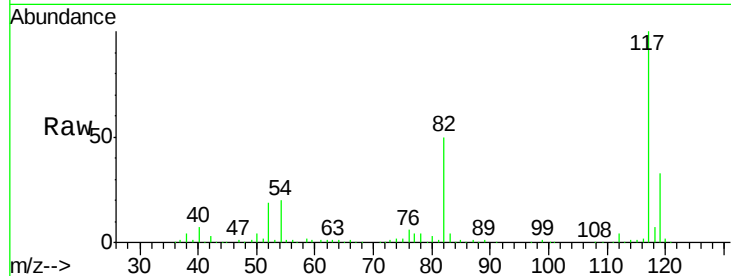




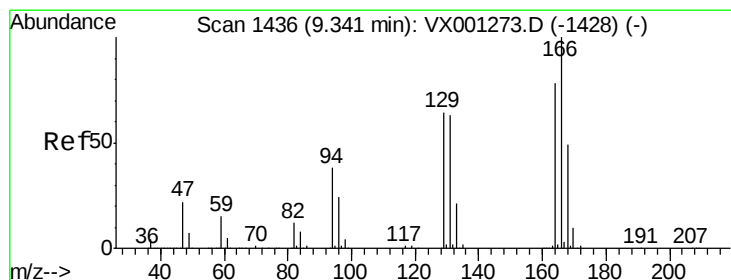
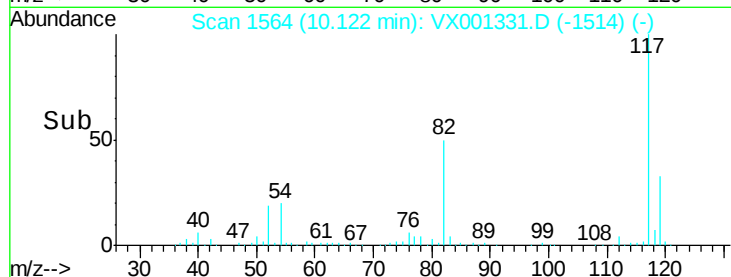
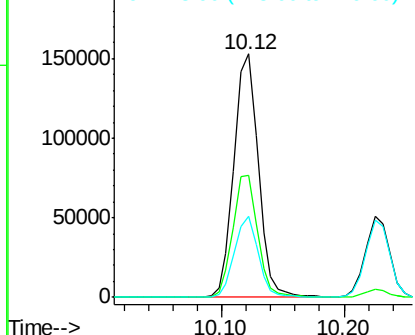
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 212166
Ion Ratio Lower Upper
117 100
82 50.3 41.4 62.0
119 33.0 25.5 38.3

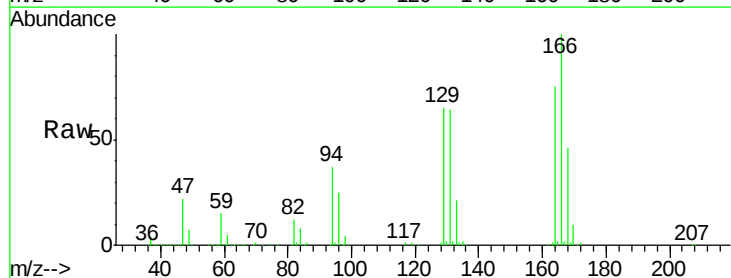


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

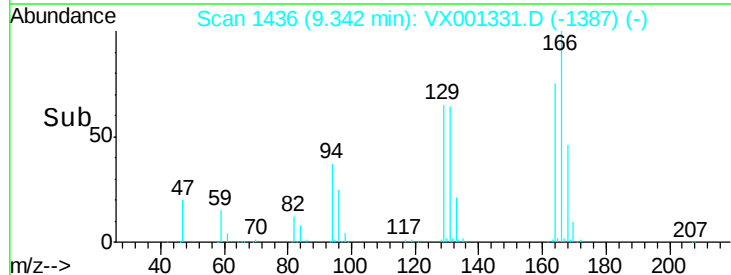
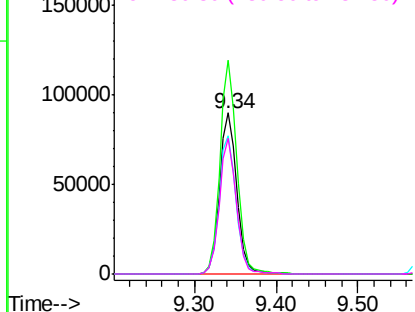


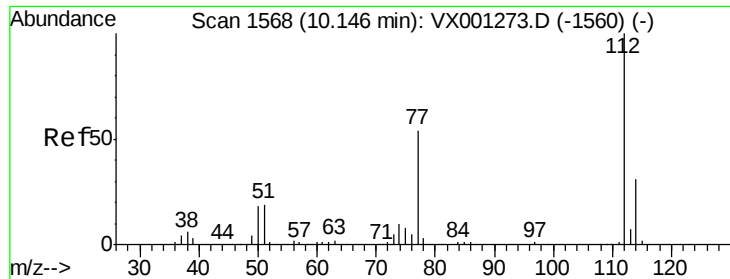
#64
Tetrachloroethene
Concen: 52.89 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion:164 Resp: 132936
Ion Ratio Lower Upper
164 100
166 132.5 102.3 153.5
129 86.1 65.1 97.7
131 84.4 64.2 96.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 49.12 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

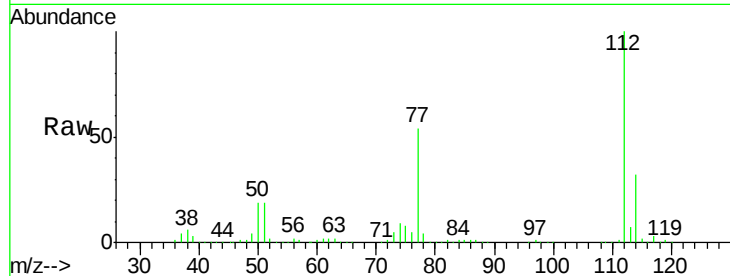
VSTDCCC050

Tgt Ion:112 Resp: 283440

Ion Ratio Lower Upper

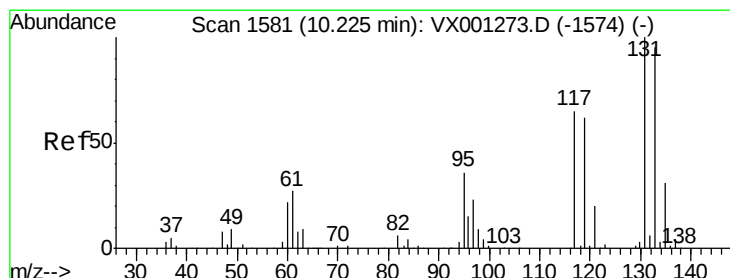
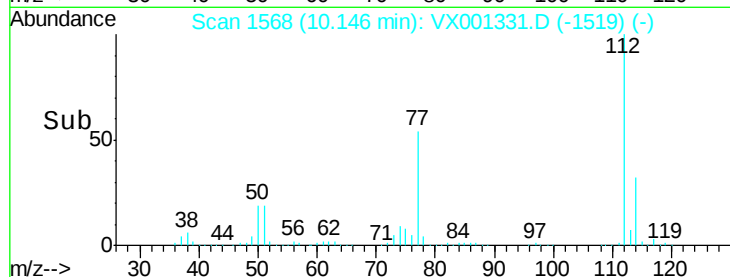
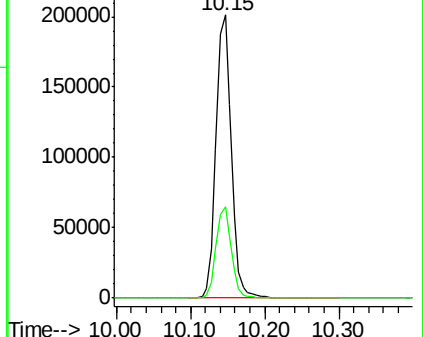
112 100

114 32.3 24.8 37.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.38 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

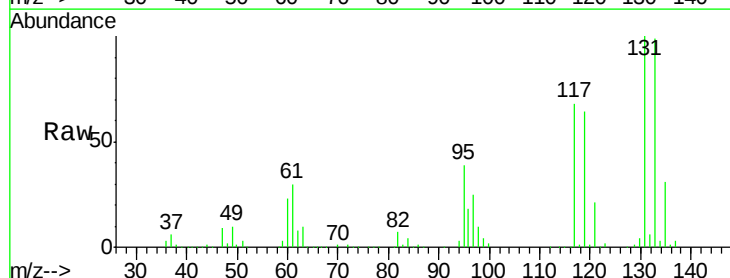
Tgt Ion:131 Resp: 104910

Ion Ratio Lower Upper

131 100

133 97.6 48.3 144.9

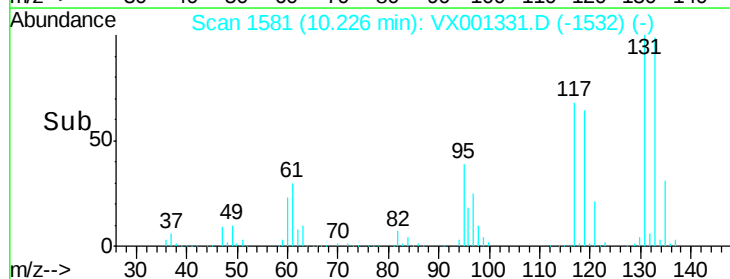
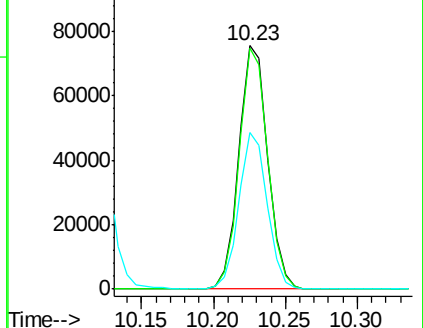
119 63.2 31.2 93.6

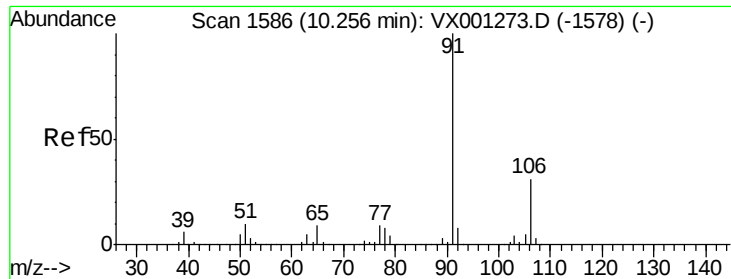


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

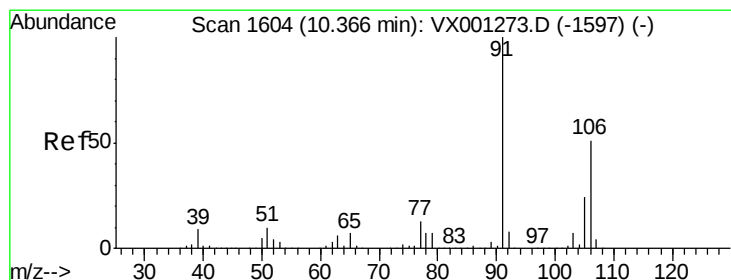
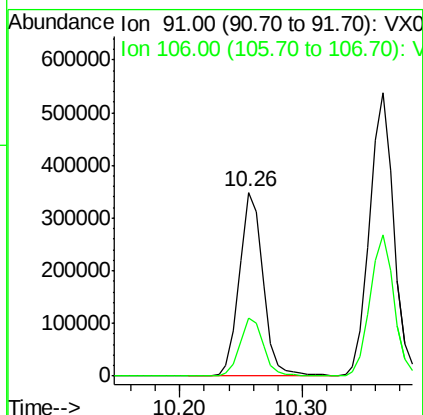
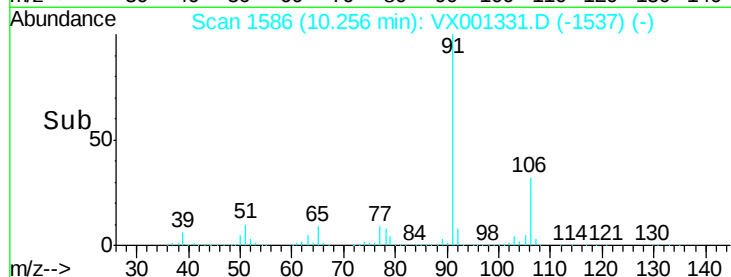
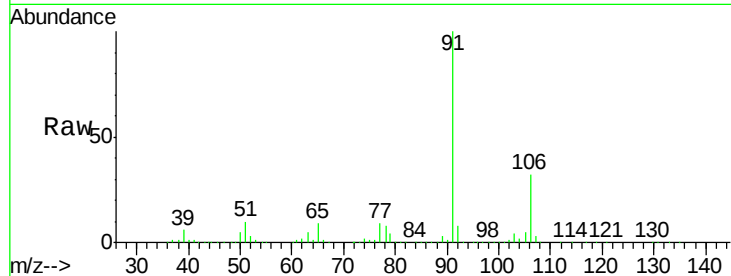




#67
Ethyl Benzene
Concen: 49.17 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

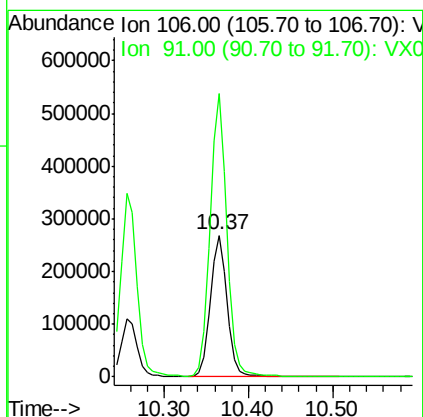
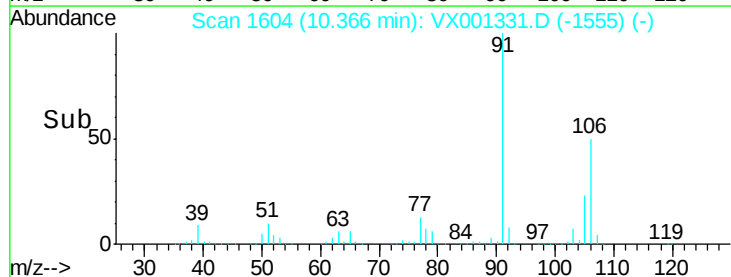
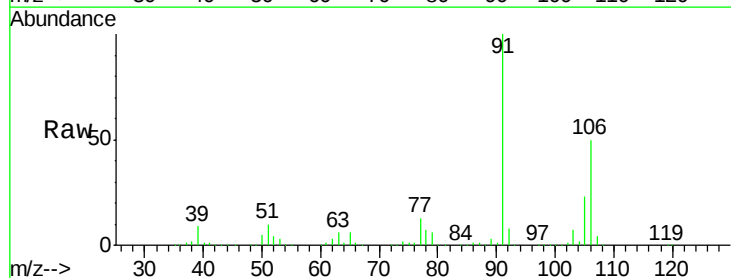
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

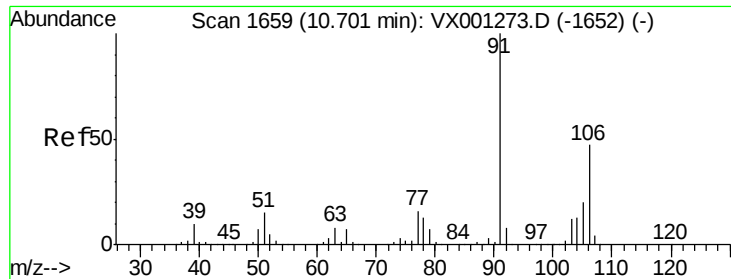
Tgt Ion: 91 Resp: 467553
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3



#68
m/p-Xylenes
Concen: 99.50 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion: 106 Resp: 372268
Ion Ratio Lower Upper
106 100
91 200.3 159.4 239.2

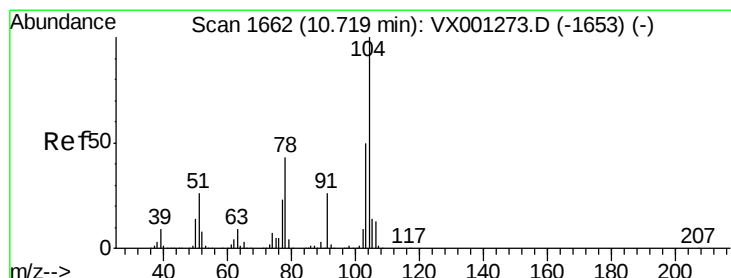
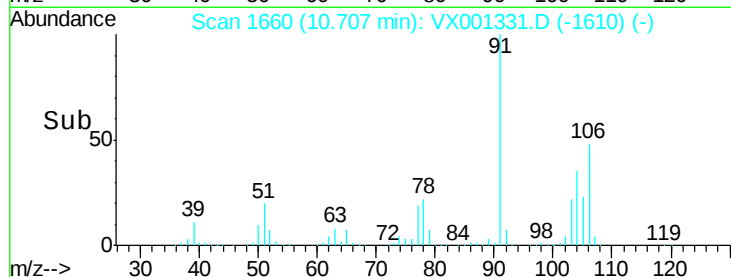
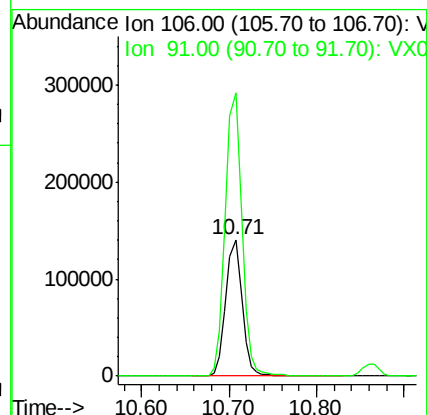
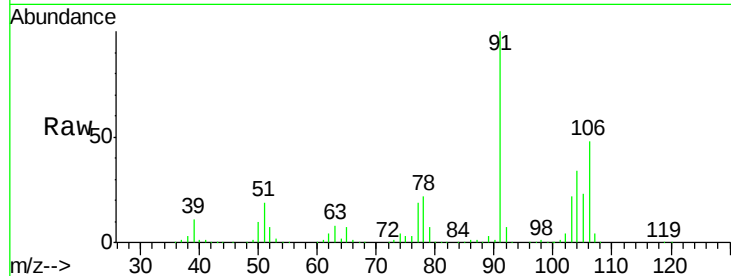




#69
o-Xylene
Concen: 50.58 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

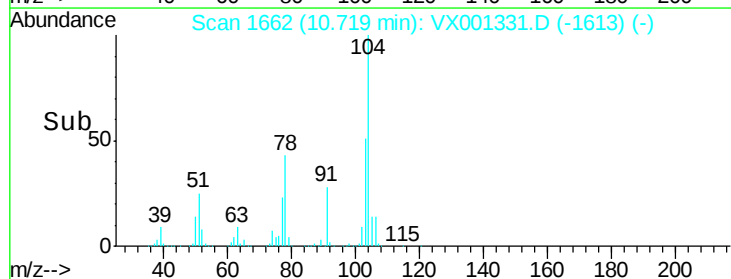
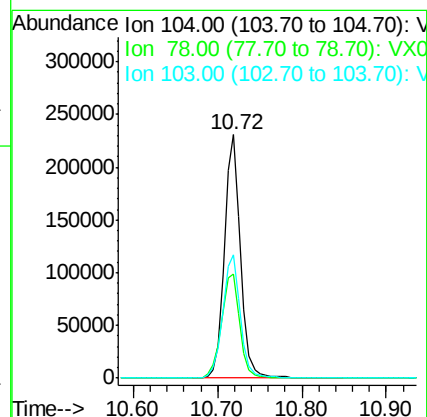
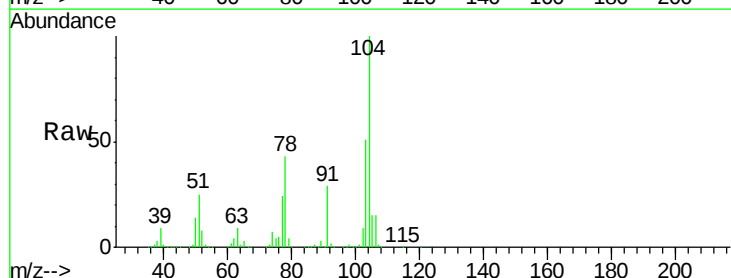
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

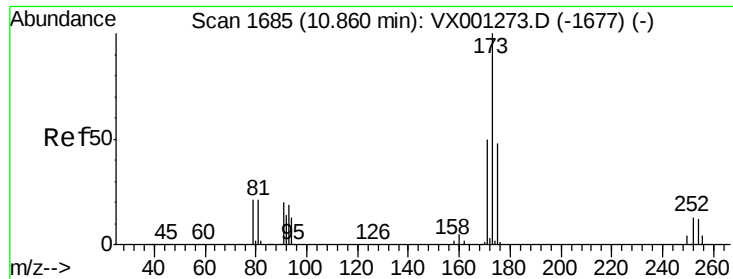
Tgt Ion:106 Resp: 183532
Ion Ratio Lower Upper
106 100
91 211.2 106.3 319.0



#70
Styrene
Concen: 51.12 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion:104 Resp: 303384
Ion Ratio Lower Upper
104 100
78 49.3 40.1 60.1
103 55.7 44.5 66.7





#71

Bromoform

Concen: 47.70 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

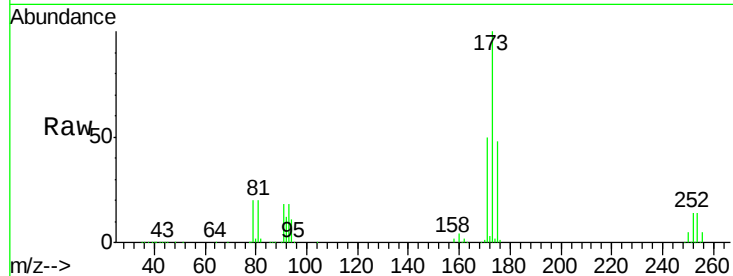
Tgt Ion:173 Resp: 91903

Ion Ratio Lower Upper

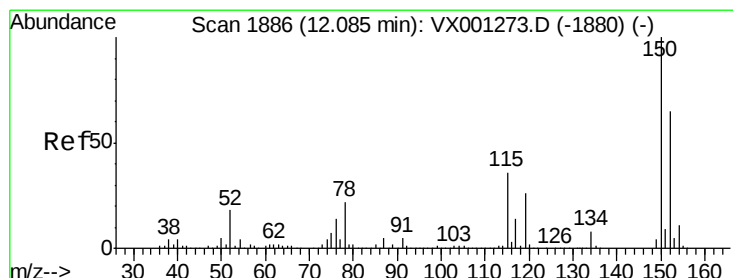
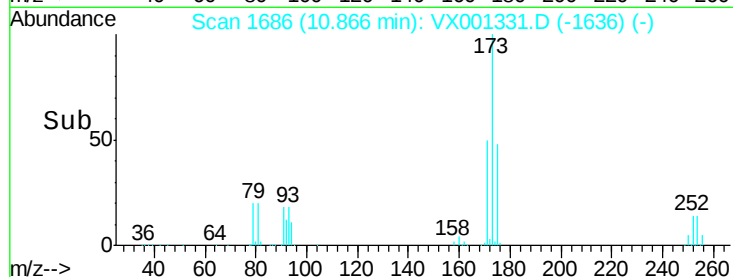
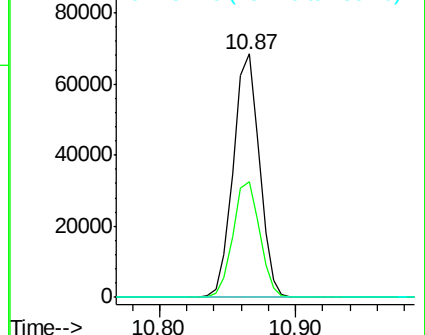
173 100

175 48.6 24.6 74.0

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: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

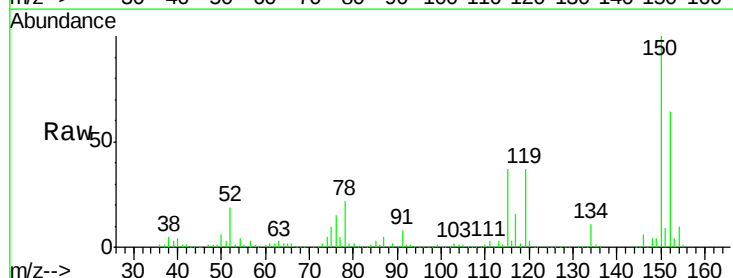
Tgt Ion:152 Resp: 144966

Ion Ratio Lower Upper

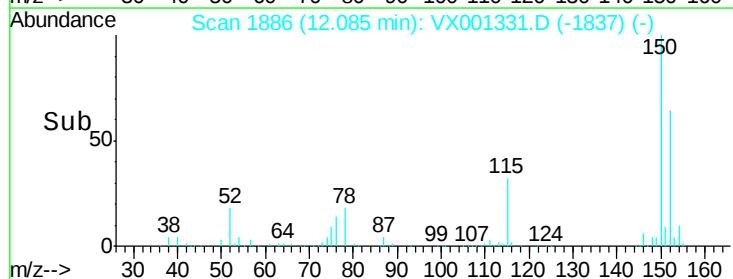
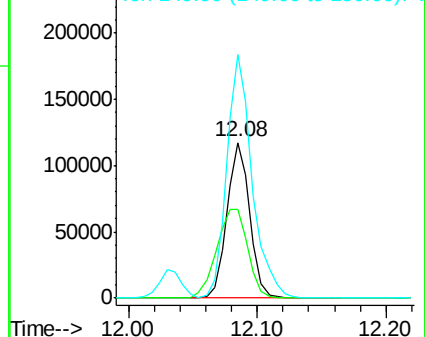
152 100

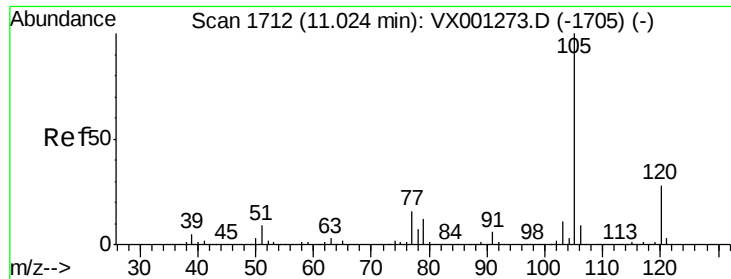
115 78.3 38.6 115.7

150 174.8 0.0 349.2



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: 50.43 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

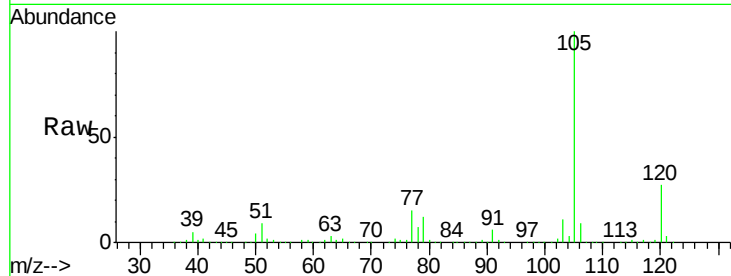
VSTDCCC050

Tgt Ion: 105 Resp: 489119

Ion Ratio Lower Upper

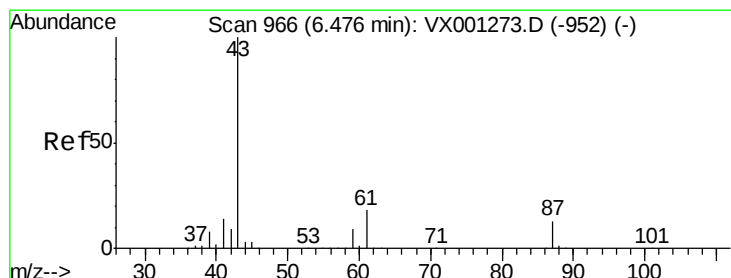
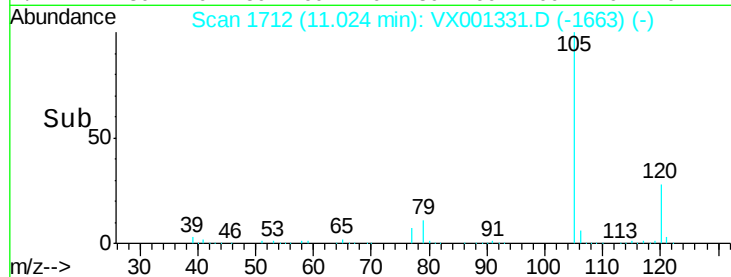
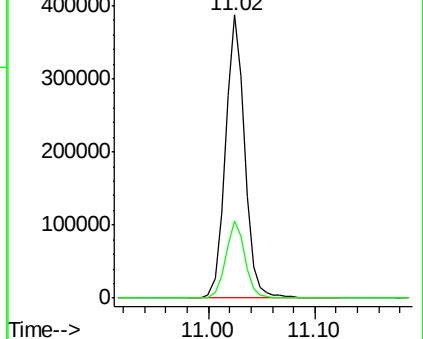
105 100

120 27.3 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.20 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Tgt Ion: 43 Resp: 221316

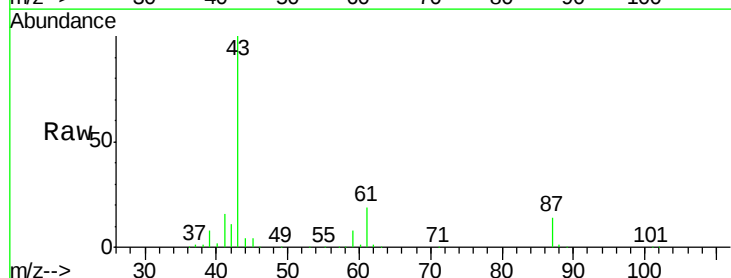
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 18.5 15.0 22.4

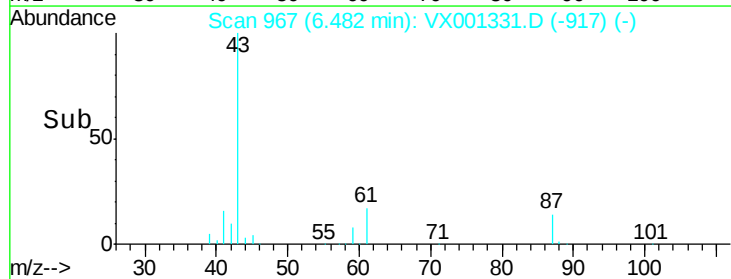
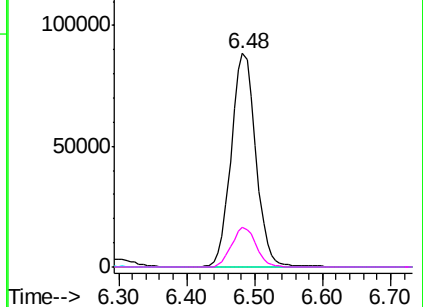


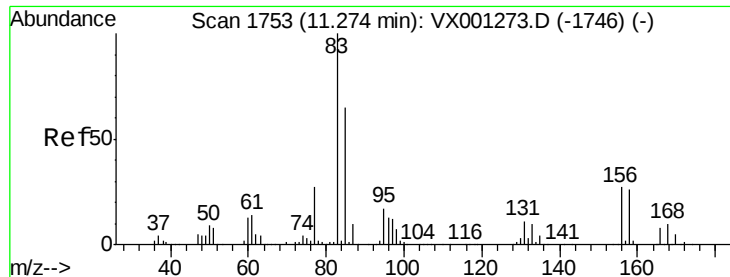
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.00 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

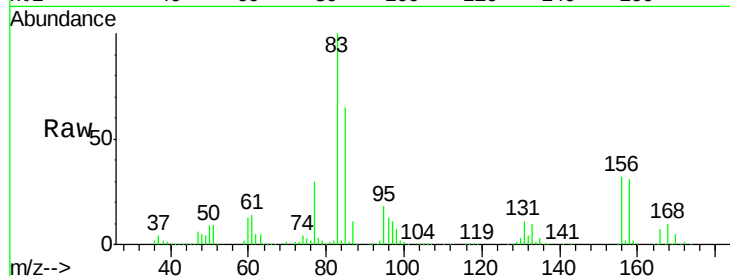
Tgt Ion: 83 Resp: 153998

Ion Ratio Lower Upper

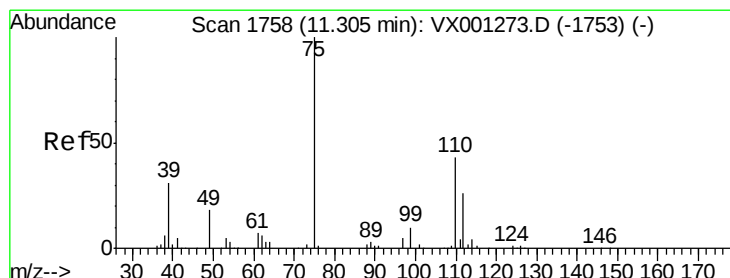
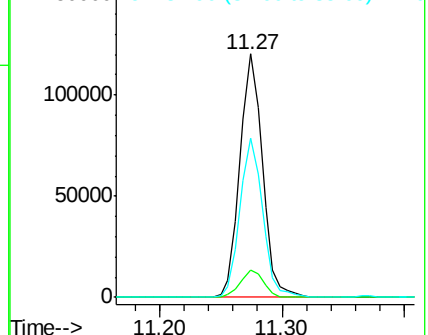
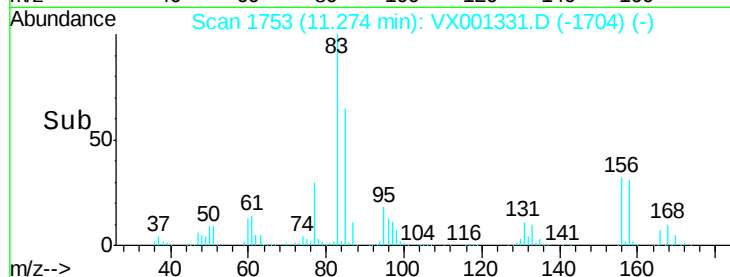
83 100

131 11.5 5.8 17.3

85 65.6 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX001331.D (-1704) (-)



#76

1,2,3-Trichloropropane

Concen: 64.76 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001331.D

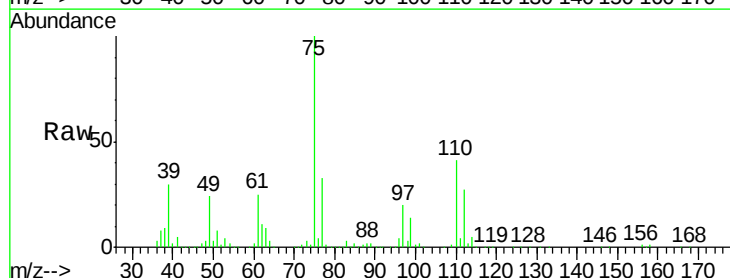
Acq: 02 May 2018 22:03

Tgt Ion: 75 Resp: 173608

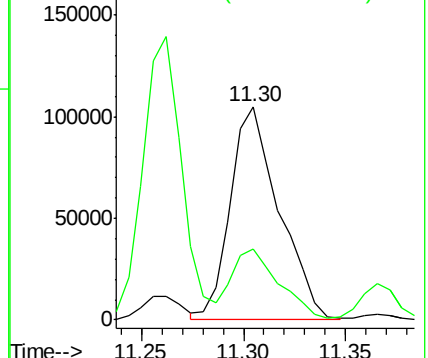
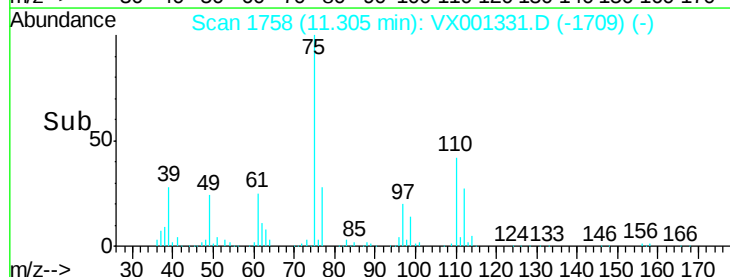
Ion Ratio Lower Upper

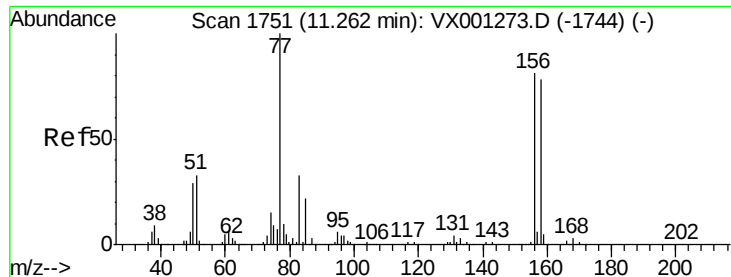
75 100

77 32.4 18.9 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX001331.D (-1709) (-)





#77

Bromobenzene

Concen: 51.16 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

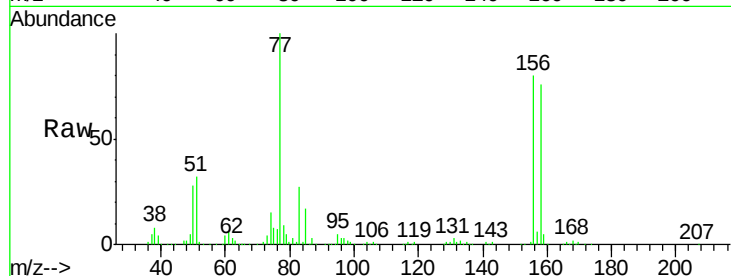
Tgt Ion:156 Resp: 143094

Ion Ratio Lower Upper

156 100

77 128.9 65.3 195.8

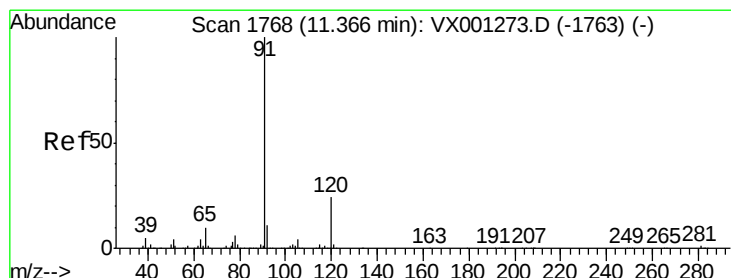
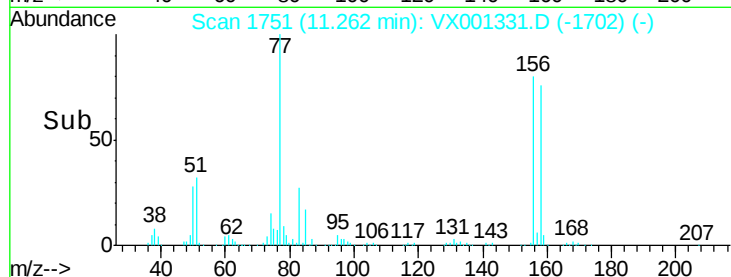
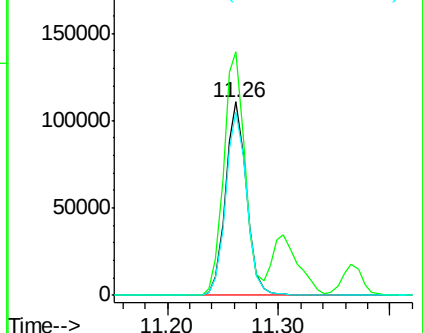
158 96.2 48.5 145.5



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: 50.33 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001331.D

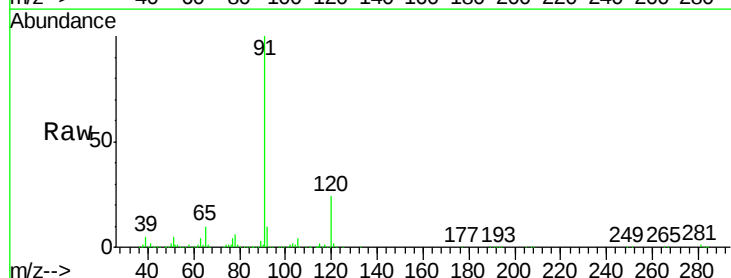
Acq: 02 May 2018 22:03

Tgt Ion: 91 Resp: 542411

Ion Ratio Lower Upper

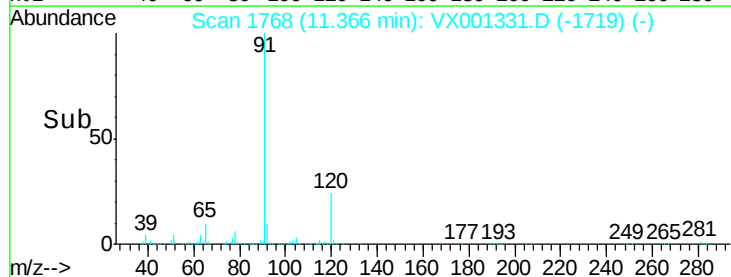
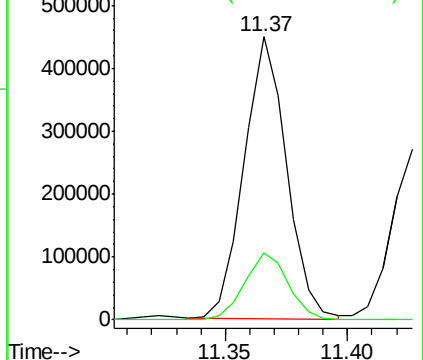
91 100

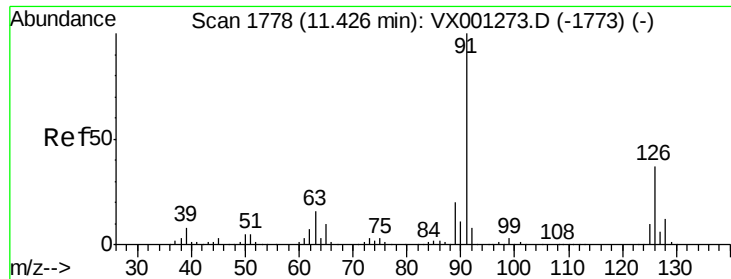
120 24.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

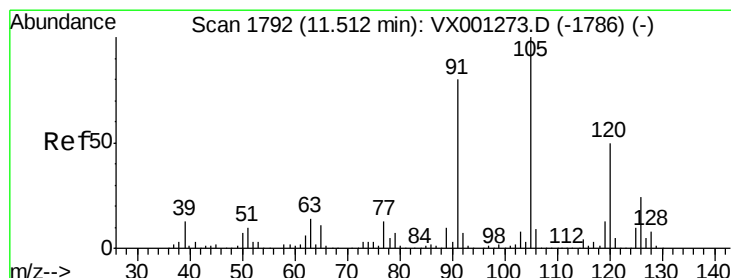
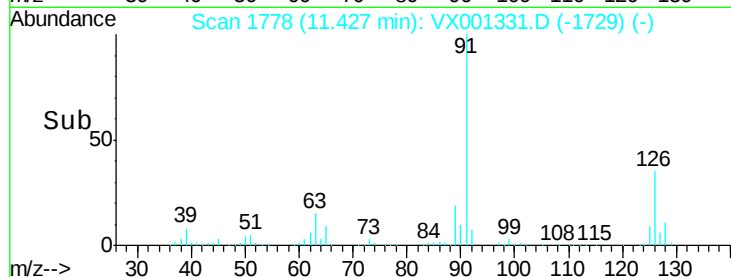
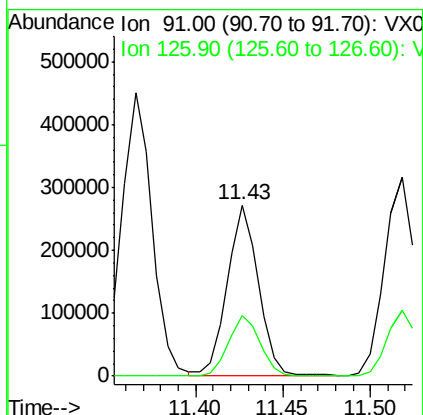
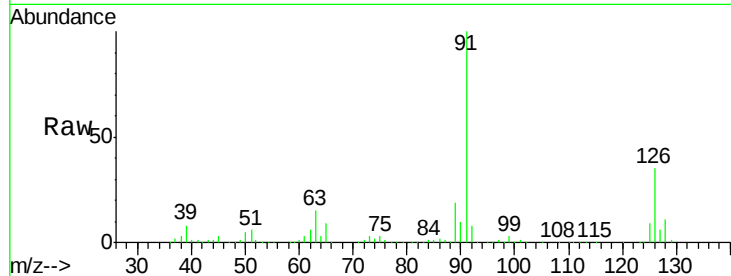




#79
 2-Chlorotoluene
 Concen: 51.18 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

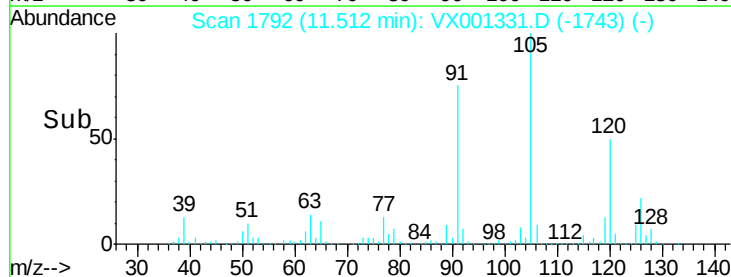
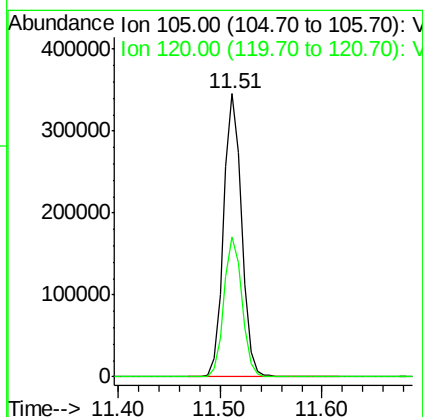
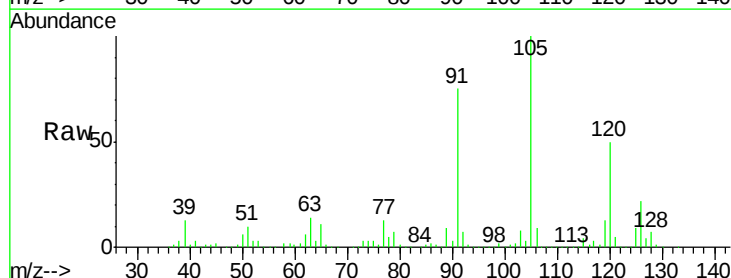
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

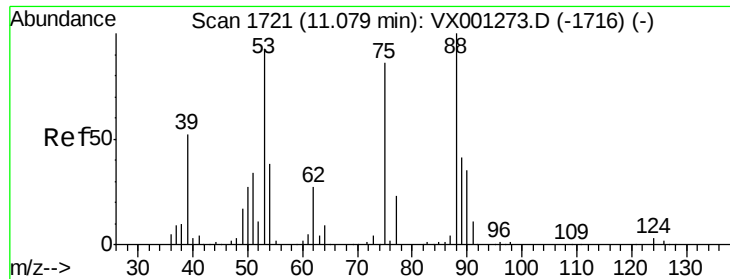
Tgt Ion: 91 Resp: 332868
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.4 55.4



#80
 1,3,5-Trimethylbenzene
 Concen: 52.01 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Tgt Ion: 105 Resp: 423575
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 43.54 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

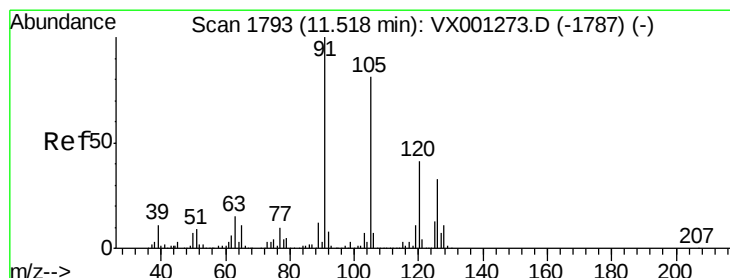
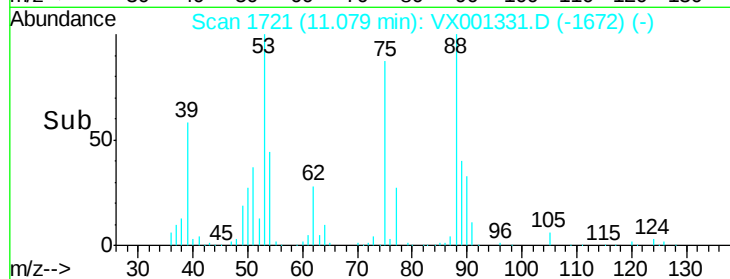
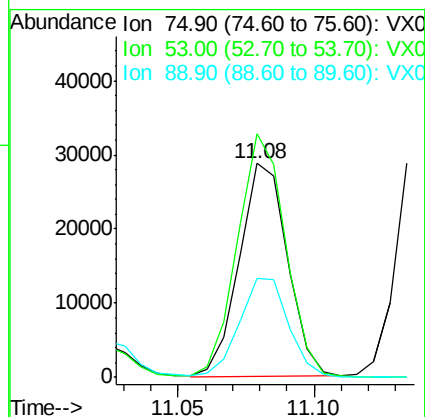
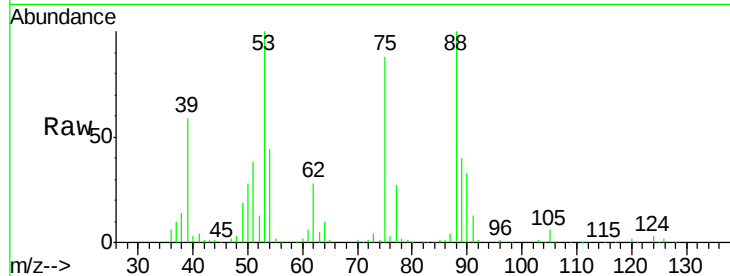
Tgt Ion: 75 Resp: 35377

Ion Ratio Lower Upper

75 100

53 114.5 87.1 130.7

89 47.7 38.9 58.3



#82

4-Chlorotoluene

Concen: 50.13 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001331.D

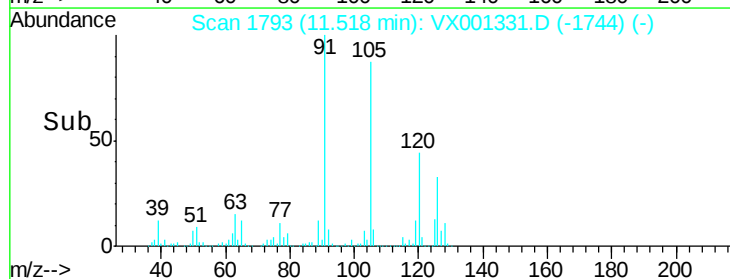
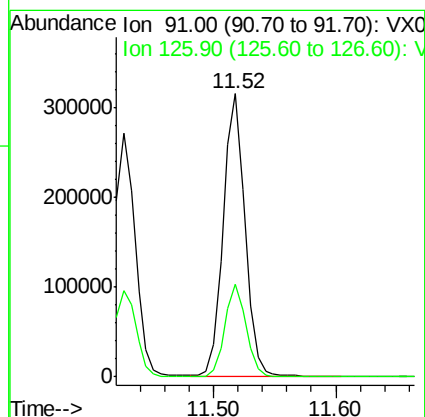
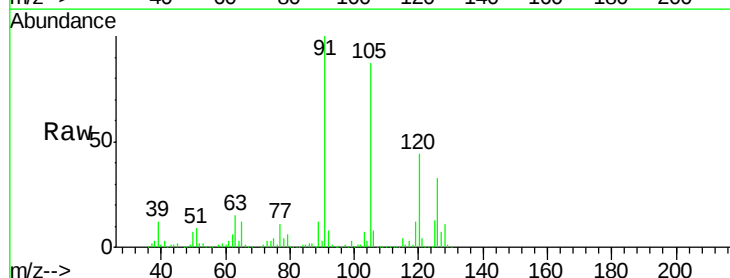
Acq: 02 May 2018 22:03

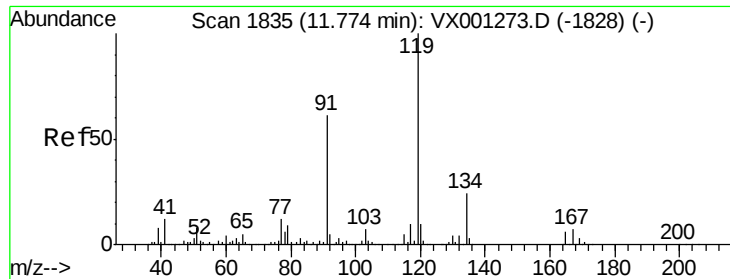
Tgt Ion: 91 Resp: 392099

Ion Ratio Lower Upper

91 100

126 31.9 16.1 48.2

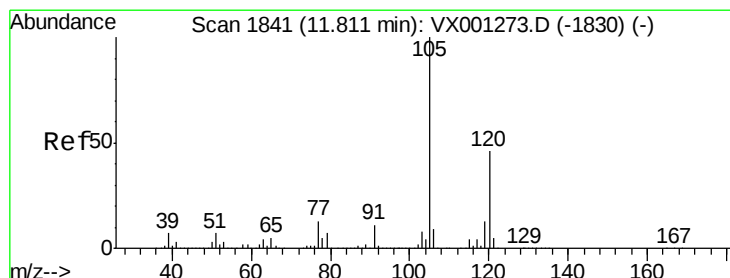
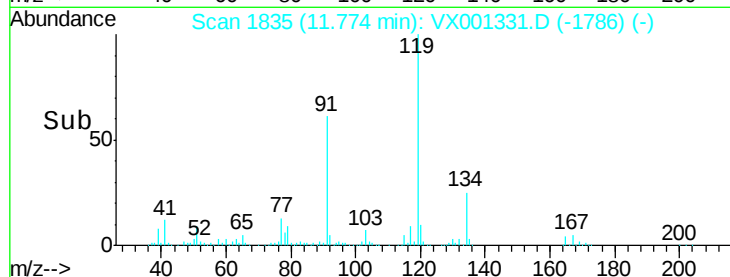
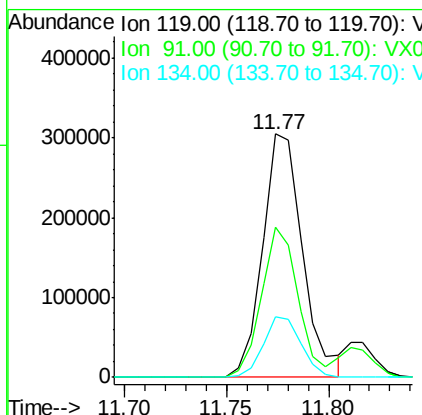
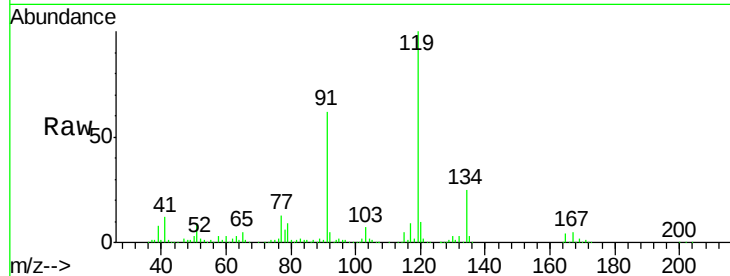




#83
 tert-Butylbenzene
 Concen: 51.34 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

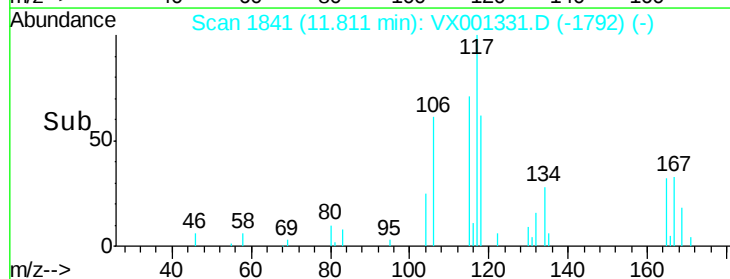
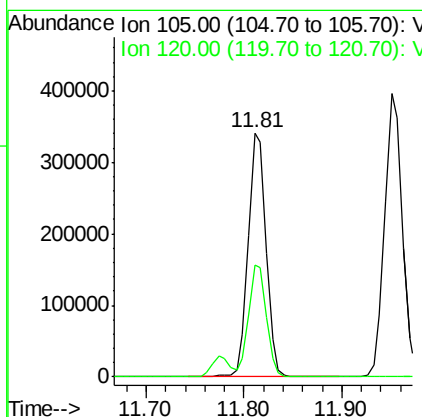
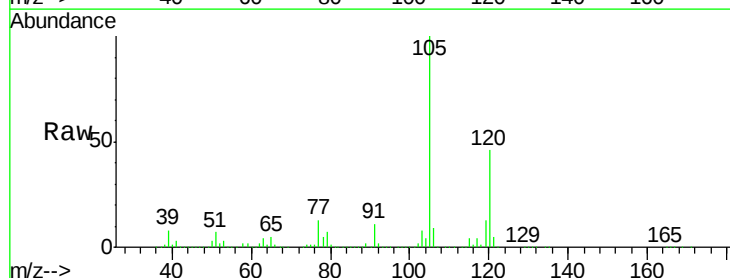
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

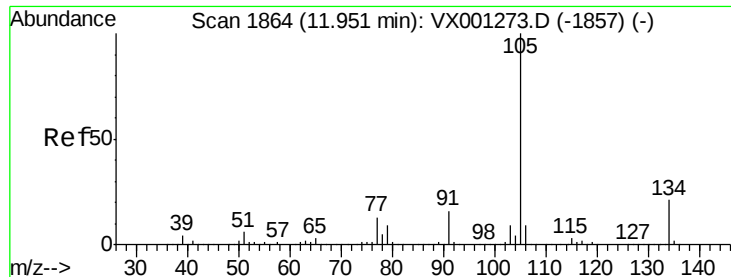
Tgt Ion:119 Resp: 416971
 Ion Ratio Lower Upper
 119 100
 91 56.5 28.1 84.3
 134 23.7 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 52.04 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Tgt Ion:105 Resp: 434334
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.7 68.1

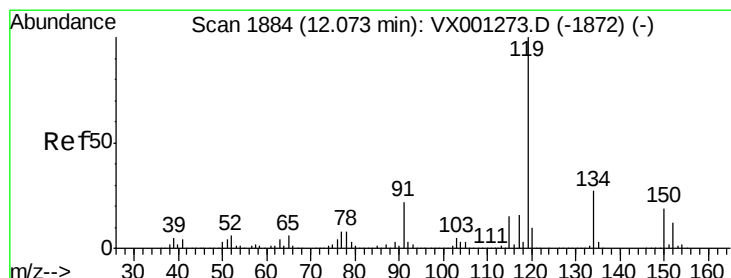
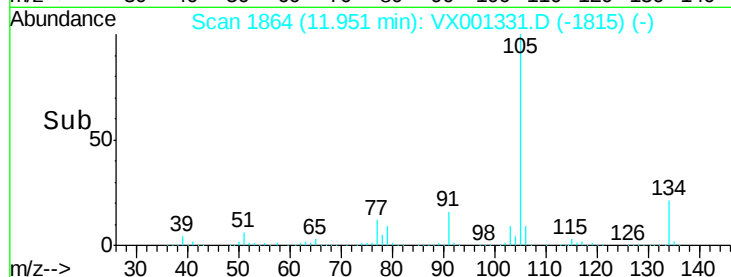
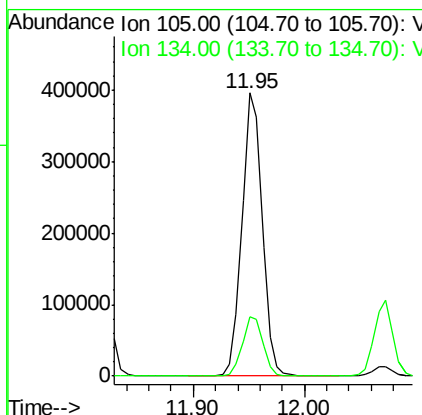
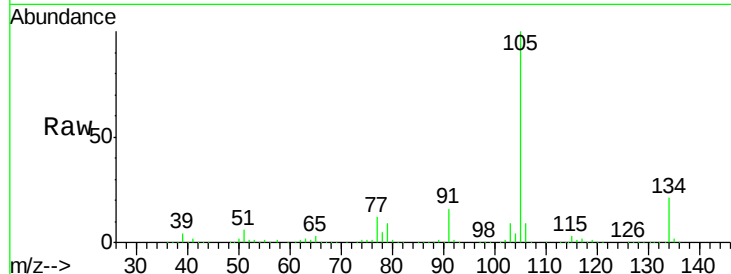




#85
 sec-Butylbenzene
 Concen: 51.47 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

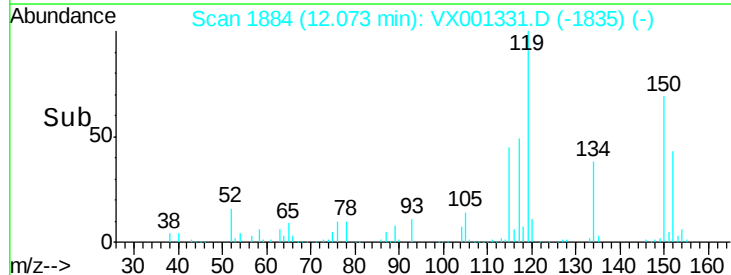
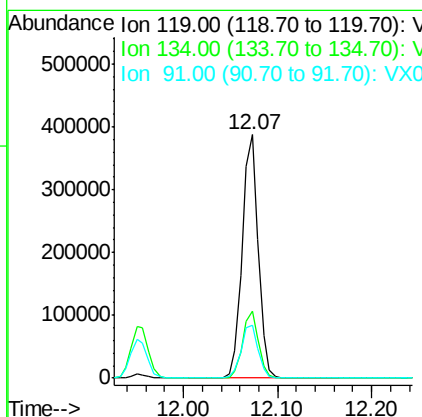
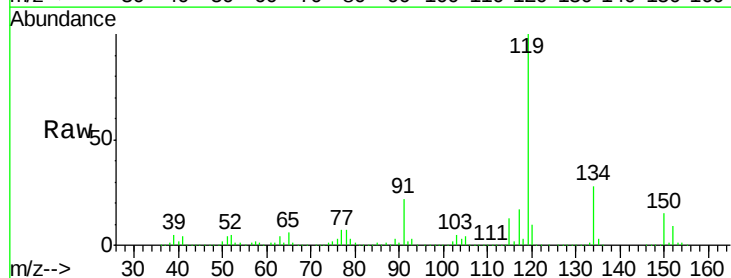
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

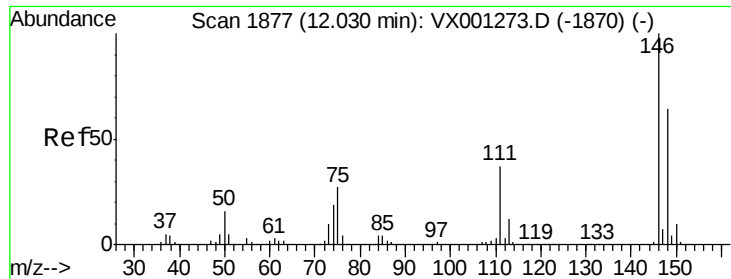
Tgt Ion:105 Resp: 500084
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 31.9



#86
 p-Isopropyltoluene
 Concen: 51.33 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Tgt Ion:119 Resp: 457492
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.7
 91 22.8 11.7 35.1

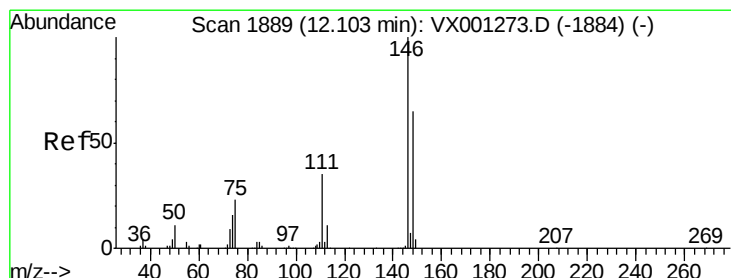
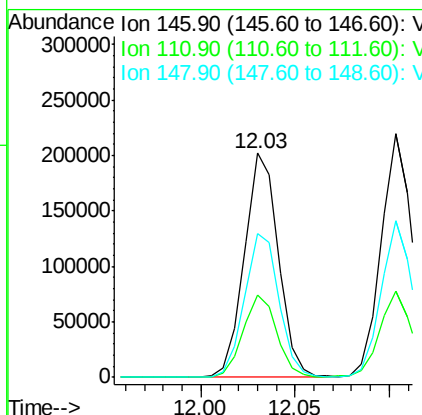
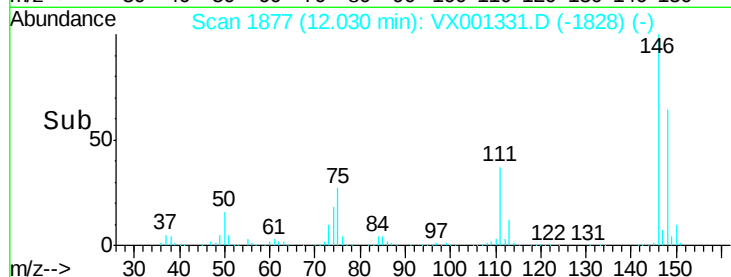
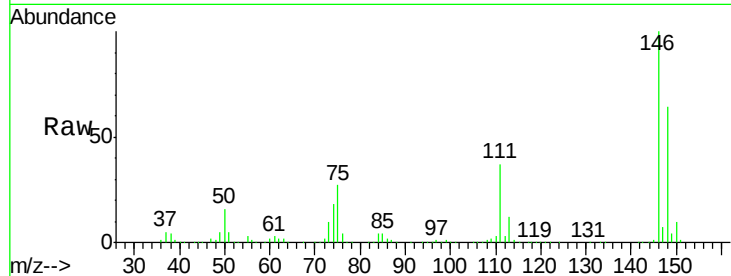




#87
 1,3-Dichlorobenzene
 Concen: 48.52 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

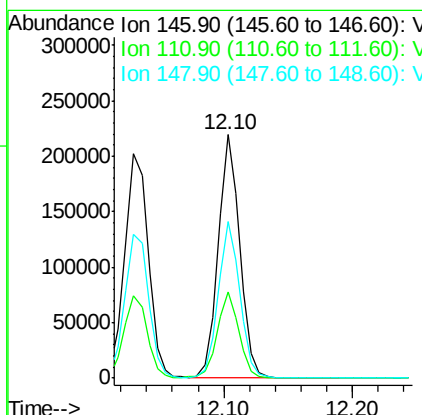
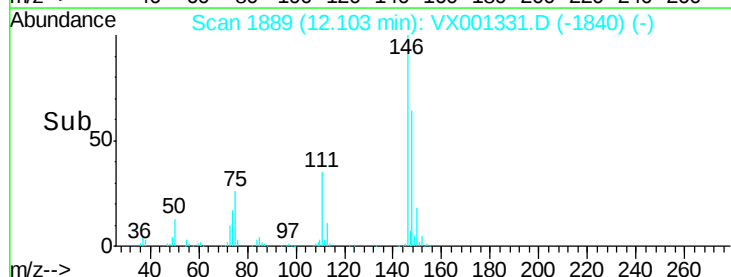
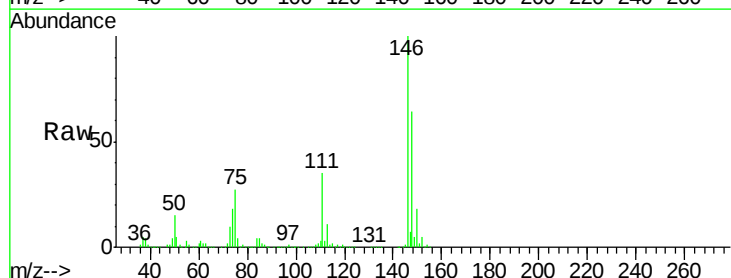
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 253415
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.4 55.2
 148 65.1 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.30 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Tgt Ion:146 Resp: 260087
 Ion Ratio Lower Upper
 146 100
 111 35.4 17.9 53.7
 148 64.4 32.3 96.8





#89

n-Butylbenzene

Concen: 48.53 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

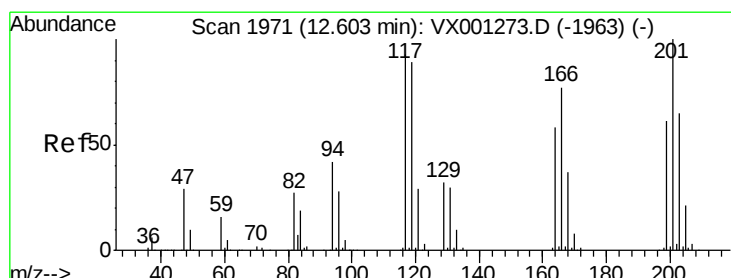
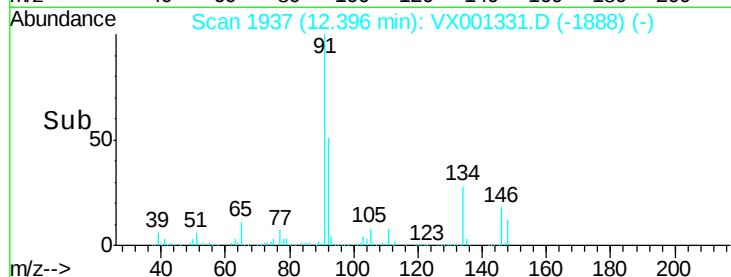
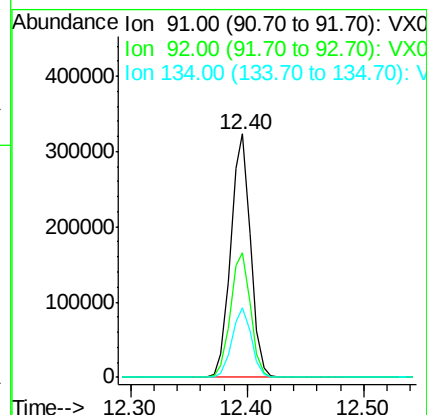
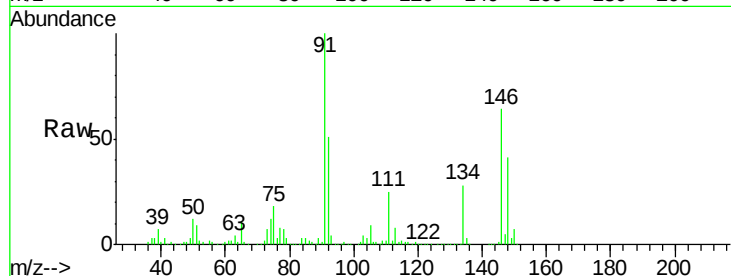
Tgt Ion: 91 Resp: 377545

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.5

134 28.2 14.0 42.0



#90

Hexachloroethane

Concen: 53.17 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001331.D

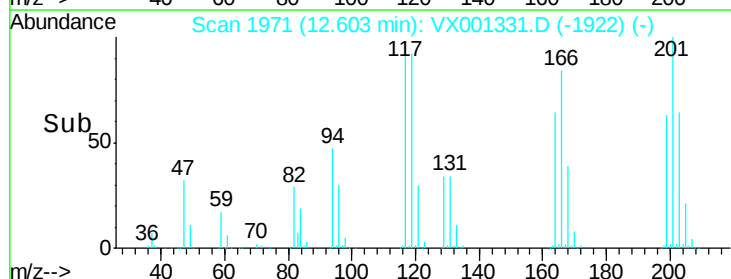
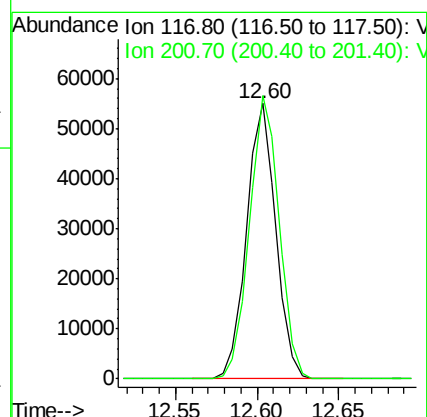
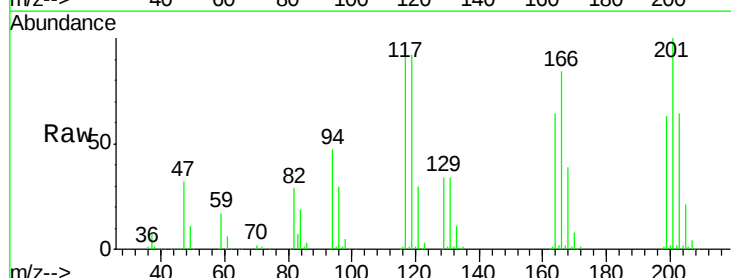
Acq: 02 May 2018 22:03

Tgt Ion: 117 Resp: 68629

Ion Ratio Lower Upper

117 100

201 104.6 51.6 154.8





#91

1,2-Dichlorobenzene

Concen: 50.84 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

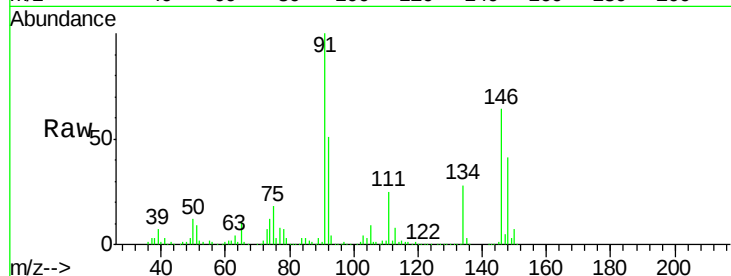
Tgt Ion:146 Resp: 264257

Ion Ratio Lower Upper

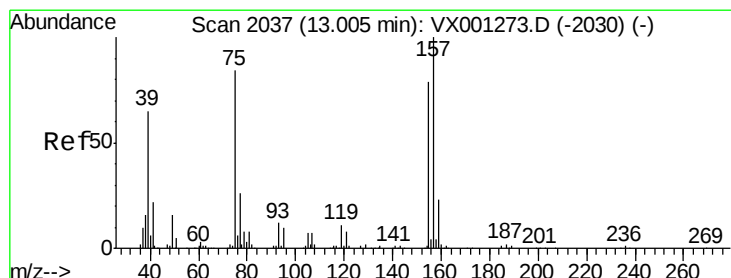
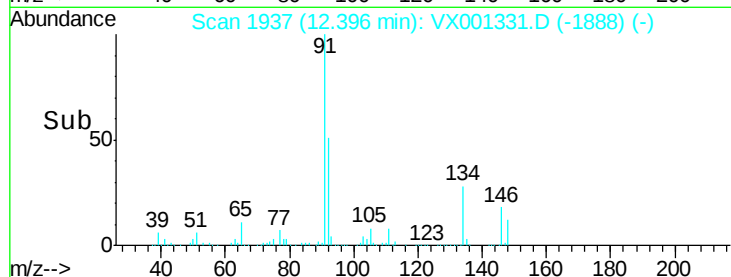
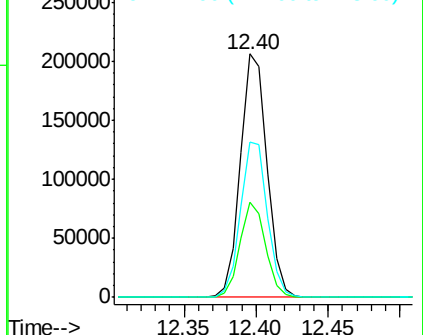
146 100

111 37.7 18.9 56.5

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: 62.21 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX001331.D

Acq: 02 May 2018 22:03

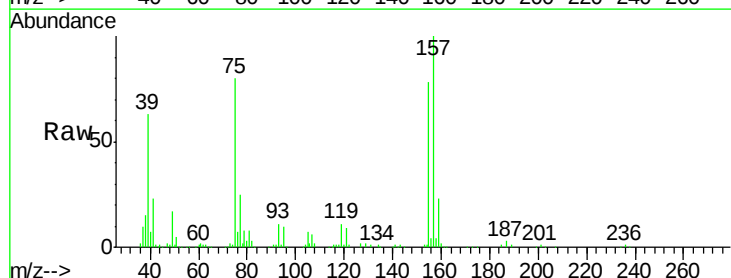
Tgt Ion: 75 Resp: 36530

Ion Ratio Lower Upper

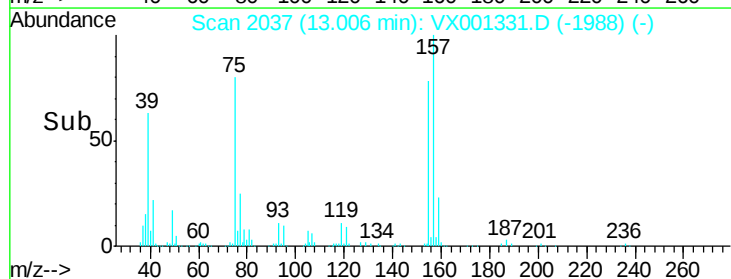
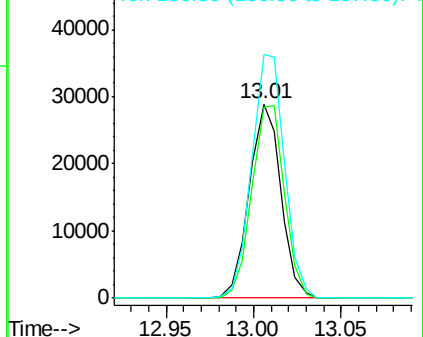
75 100

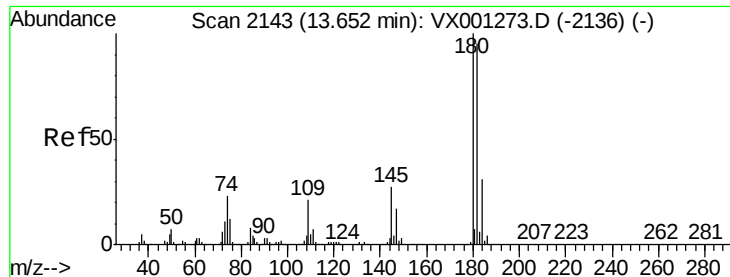
155 102.3 49.9 149.7

157 130.7 63.7 191.1



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

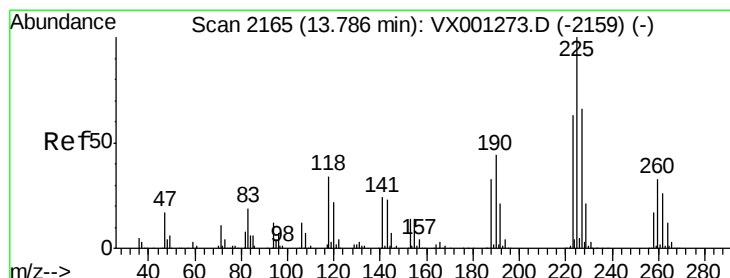
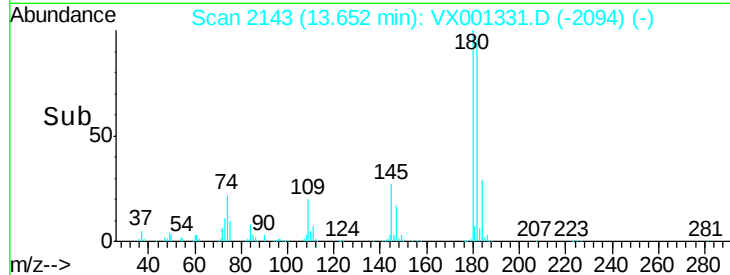
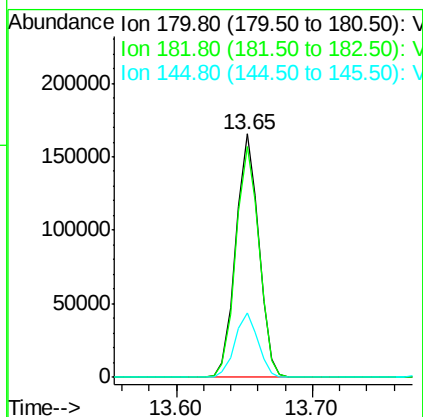
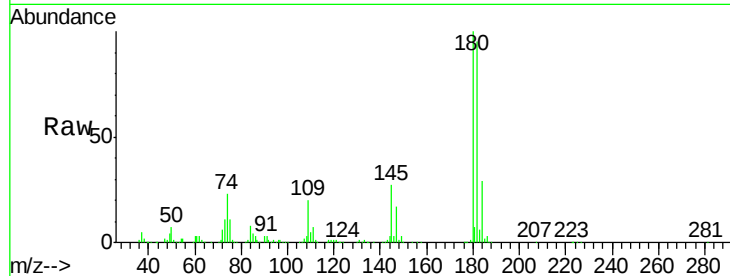




#93
 1,2,4-Trichlorobenzene
 Concen: 46.44 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

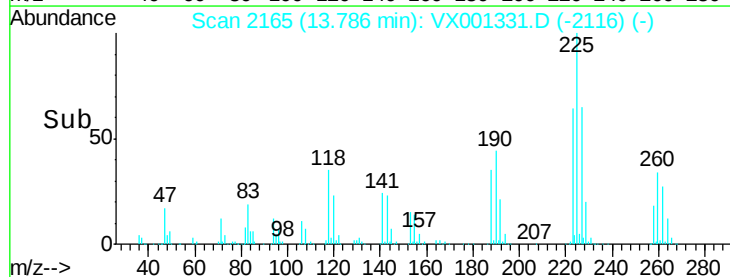
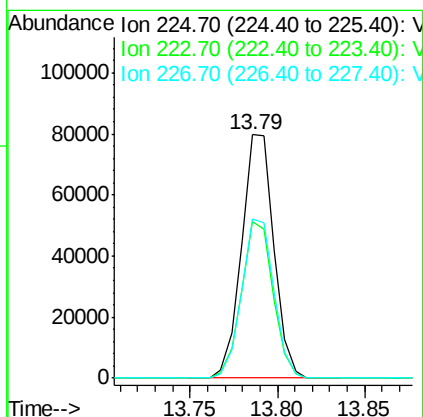
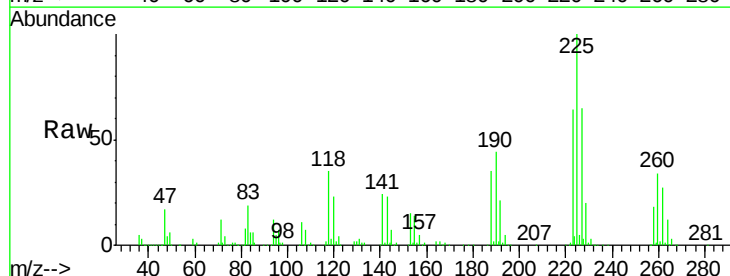
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

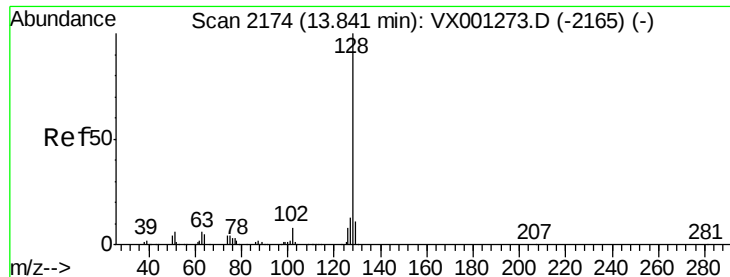
Tgt Ion:180 Resp: 194172
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.3 141.9
 145 26.7 13.5 40.4



#94
 Hexachlorobutadiene
 Concen: 46.58 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001331.D
 Acq: 02 May 2018 22:03

Tgt Ion:225 Resp: 101899
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.4 94.0
 227 65.0 32.5 97.5

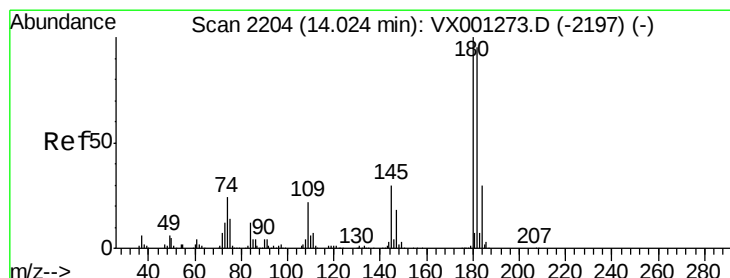
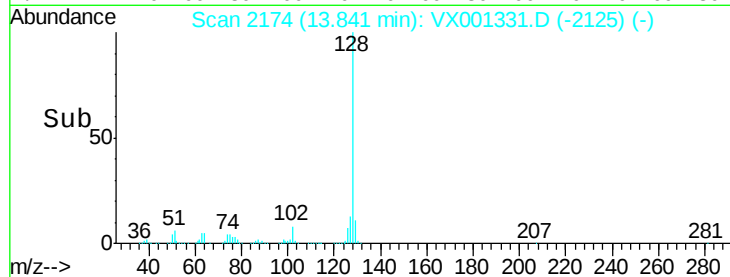
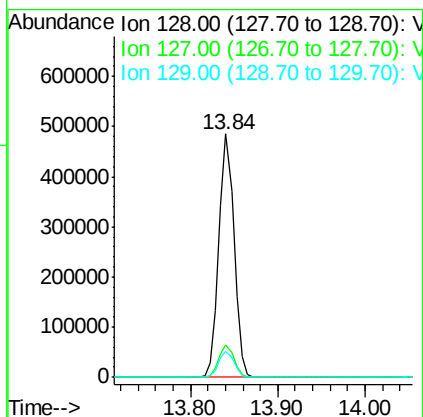
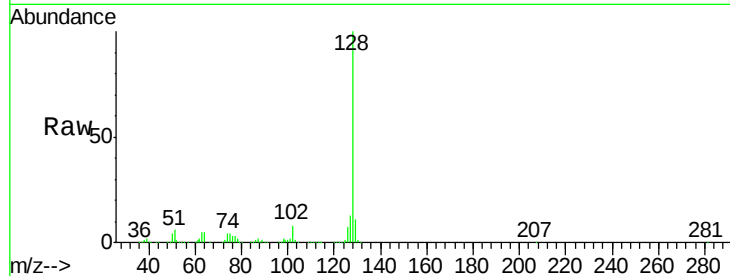




#95
Naphthalene
Concen: 54.43 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 577446
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.66 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.01 min
Lab File: VX001331.D
Acq: 02 May 2018 22:03

Tgt Ion:180 Resp: 203839
Ion Ratio Lower Upper
180 100
182 96.5 48.1 144.3
145 28.9 14.4 43.4

