

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX032118\
 Data File : VX000374.D
 Acq On : 21 Mar 2018 10:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 22 05:25:20 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	123389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	196051	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	197154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124852	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	74657	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
35) Dibromofluoromethane	5.51	113	57980	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
50) Toluene-d8	8.73	98	240951	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	11.15	95	93114	43.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	59887	44.04	ug/l	97
3) Chloromethane	1.32	50	62525	43.64	ug/l	98
4) Vinyl Chloride	1.41	62	71301	47.10	ug/l	96
5) Bromomethane	1.64	94	102965	56.81	ug/l	97
6) Chloroethane	1.73	64	45678	50.90	ug/l	97
7) Trichlorofluoromethane	1.93	101	126764	46.40	ug/l	98
8) Diethyl Ether	2.19	74	44981	46.07	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	73306	48.12	ug/l	99
10) Methyl Iodide	2.51	142	67892	45.40	ug/l	99
11) Tert butyl alcohol	3.07	59	129175	233.16	ug/l	99
12) 1,1-Dichloroethene	2.38	96	62605	46.81	ug/l	97
13) Acrolein	2.29	56	45742	258.08	ug/l	99
14) Allyl chloride	2.73	41	116098	49.15	ug/l	98
15) Acrylonitrile	3.15	53	260248	231.93	ug/l	100
16) Acetone	2.45	43	347724	259.52	ug/l	99
17) Carbon Disulfide	2.57	76	171297	48.15	ug/l	100
18) Methyl Acetate	2.78	43	134681	47.95	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	232809	47.07	ug/l	99
20) Methylene Chloride	2.86	84	70373	45.47	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	69084	46.31	ug/l	94
22) Diisopropyl ether	3.88	45	179332	42.89	ug/l	96
23) Vinyl Acetate	3.83	43	958591	241.86	ug/l	100
24) 1,1-Dichloroethane	3.70	63	126373	48.08	ug/l	99
25) 2-Butanone	4.71	43	368125	244.43	ug/l	99
26) 2,2-Dichloropropane	4.60	77	90888	49.33	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	64406	46.19	ug/l	99
28) Bromochloromethane	5.03	49	55296	51.01	ug/l	97
29) Tetrahydrofuran	5.17	42	225464	243.32	ug/l	99
30) Chloroform	5.23	83	122103	49.56	ug/l	93
31) Cyclohexane	5.59	56	98468	48.46	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	110930	49.91	ug/l	99
36) 1,1-Dichloropropene	5.81	75	90058	49.04	ug/l	99
37) Ethyl Acetate	4.87	43	121285	48.35	ug/l	99
38) Carbon Tetrachloride	5.79	117	96669	50.18	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	115788	51.84	ug/l	99
40) Benzene	6.15	78	263991	49.50	ug/l	100
41) Methacrylonitrile	5.07	41	62847	47.52	ug/l	99
42) 1,2-Dichloroethane	6.21	62	103412	49.42	ug/l	98
43) Isopropyl Acetate	6.47	43	190408	50.99	ug/l	99
44) Trichloroethene	7.22	130	75152	49.19	ug/l	87
45) 1,2-Dichloropropane	7.52	63	68896	50.47	ug/l	99
46) Dibromomethane	7.67	93	52836	49.31	ug/l	97
47) Bromodichloromethane	7.91	83	98965	52.50	ug/l	98
48) Methyl methacrylate	7.79	41	92998	51.30	ug/l	99
49) 1,4-Dioxane	7.76	88	36242	951.10	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	732836	253.55	ug/l	100
52) Toluene	8.79	92	184436	49.47	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	115707	52.97	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	112640	53.16	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	74745	48.75	ug/l	98
56) Ethyl methacrylate	9.19	69	118217	50.88	ug/l	99
57) 1,3-Dichloropropane	9.38	76	125855	51.32	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	294963	264.53	ug/l	98
59) 2-Hexanone	9.51	43	631454	257.30	ug/l	99
60) Dibromochloromethane	9.59	129	81408	45.29	ug/l	97
61) 1,2-Dibromoethane	9.68	107	82454	50.15	ug/l	99
64) Tetrachloroethene	9.34	164	76764	50.18	ug/l	95
65) Chlorobenzene	10.15	112	214684	48.93	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	75353	50.57	ug/l	100
67) Ethyl Benzene	10.26	91	372842	50.13	ug/l	100
68) m/p-Xylenes	10.37	106	297229	101.56	ug/l	99
69) o-Xylene	10.71	106	141559	49.95	ug/l	100
70) Styrene	10.72	104	243260	51.88	ug/l	98
71) Bromoform	10.87	173	67778	44.26	ug/l #	96
73) Isopropylbenzene	11.02	105	394965	47.75	ug/l	100
74) N-amyl acetate	6.47	43	190408	53.01	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	139116	47.55	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	167073	62.27	ug/l	83
77) Bromobenzene	11.26	156	97770	44.37	ug/l	99
78) n-propylbenzene	11.37	91	473381	47.99	ug/l	100
79) 2-Chlorotoluene	11.43	91	267930	47.02	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	347012	49.89	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	42863	51.72	ug/l	99
82) 4-Chlorotoluene	11.52	91	333892	49.07	ug/l	99
83) tert-Butylbenzene	11.78	119	335875	47.88	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	360410	49.42	ug/l	100
85) sec-Butylbenzene	11.96	105	433101	49.90	ug/l	99
86) p-Isopropyltoluene	12.07	119	387323	50.24	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	198381	47.61	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	206942	47.31	ug/l	98
89) n-Butylbenzene	12.40	91	365132	50.87	ug/l	99
90) Hexachloroethane	12.60	117	62808	51.76	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	196167	48.02	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39492	48.40	ug/l	95

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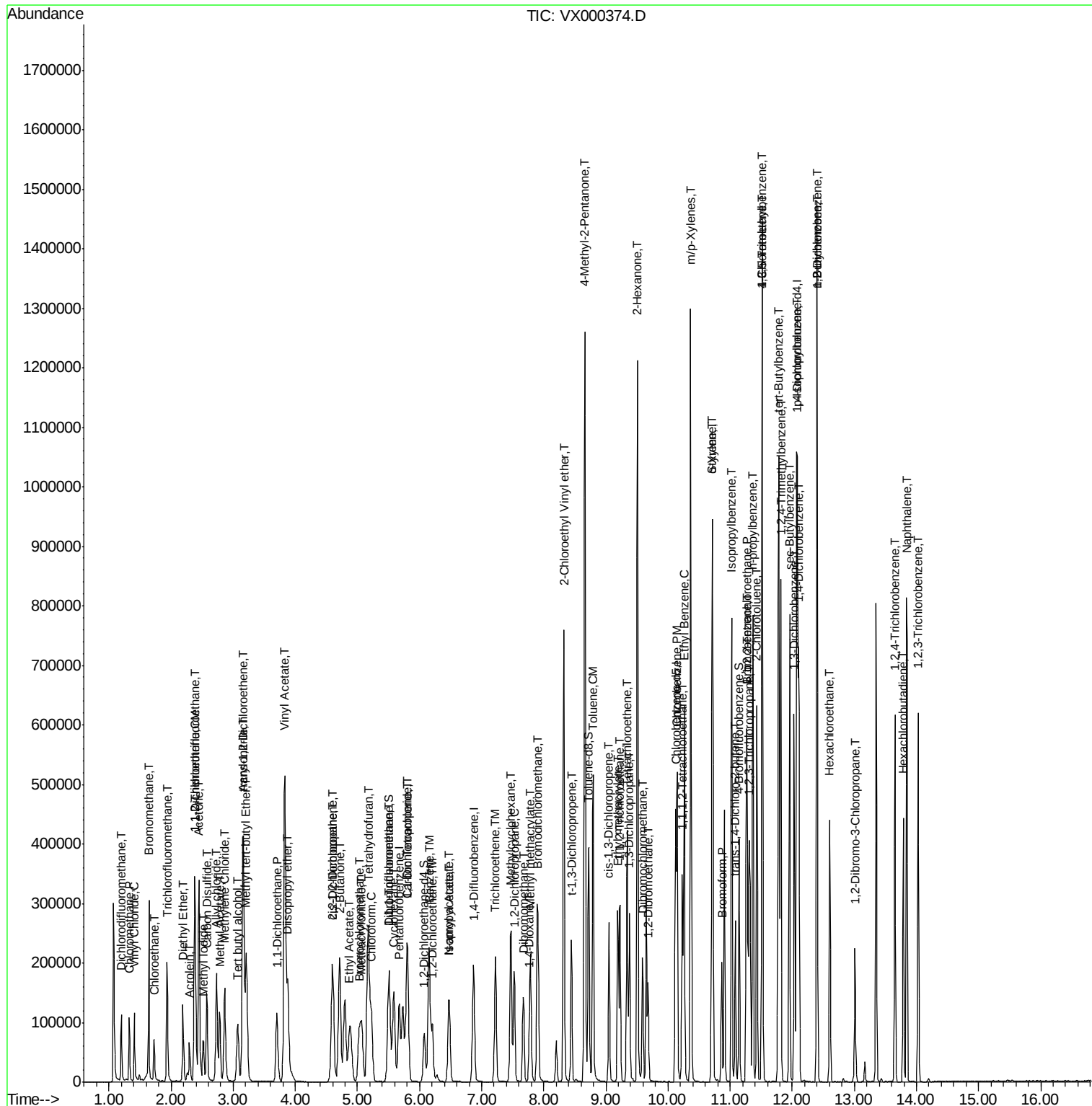
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137458	46.94	ug/l	99
94) Hexachlorobutadiene	13.79	225	60778	50.12	ug/l	96
95) Naphthalene	13.84	128	479406	46.99	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	136894	47.31	ug/l	100

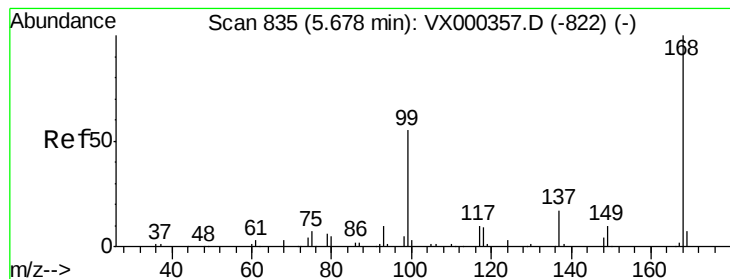
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

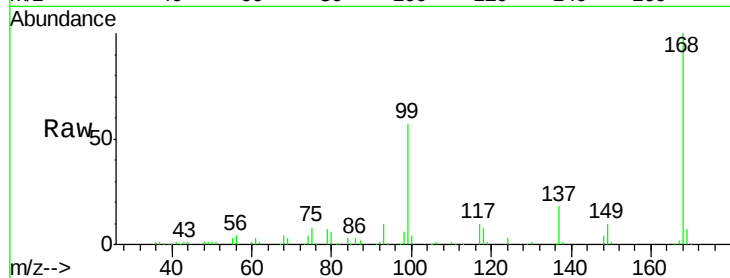
VSTDCCC050

Tgt Ion:168 Resp: 123389

Ion Ratio Lower Upper

168 100

99 57.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

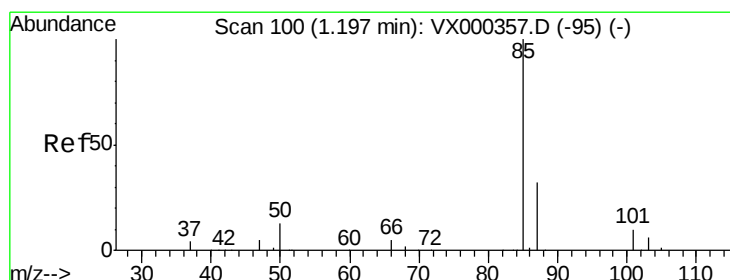
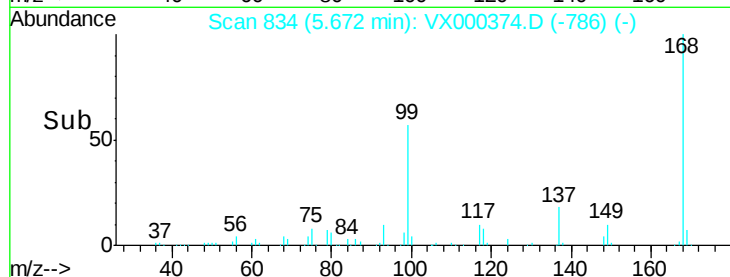
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.04 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000374.D

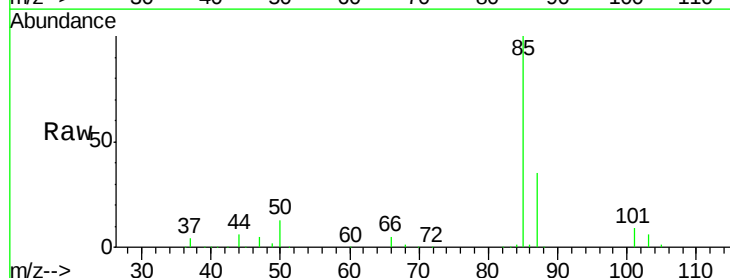
Acq: 21 Mar 2018 10:06

Tgt Ion: 85 Resp: 59887

Ion Ratio Lower Upper

85 100

87 35.2 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

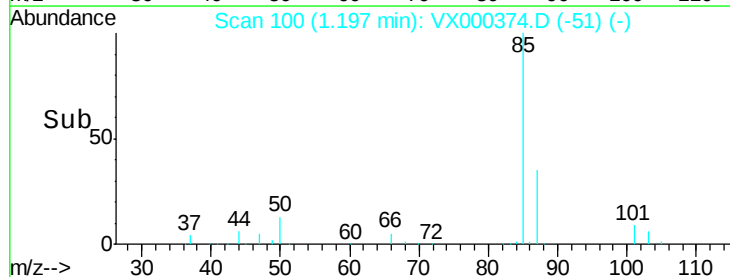
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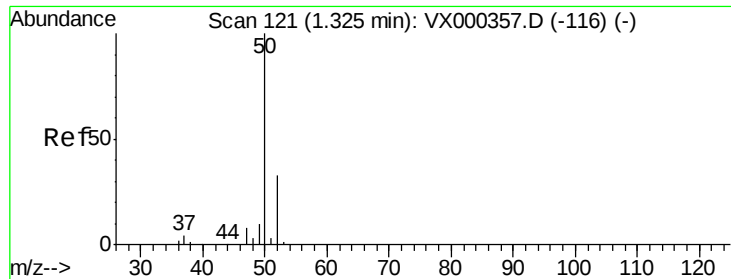
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 43.64 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

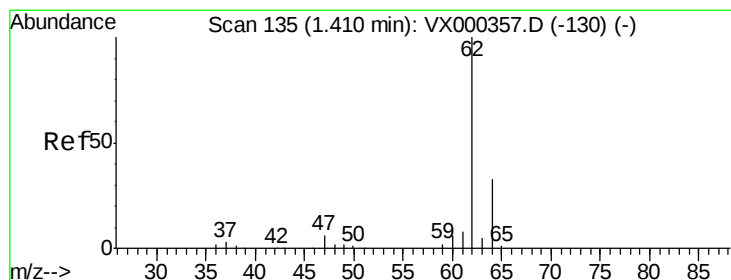
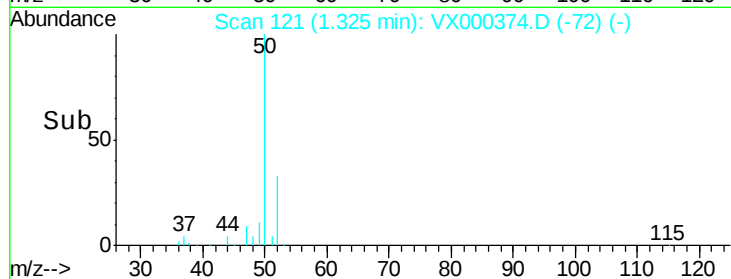
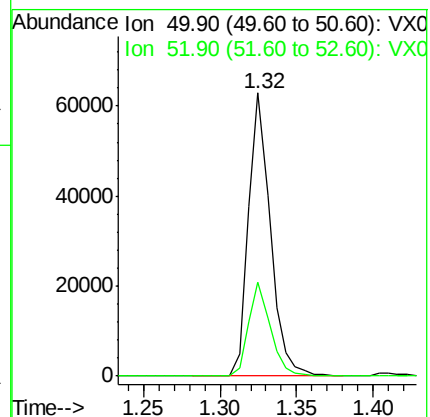
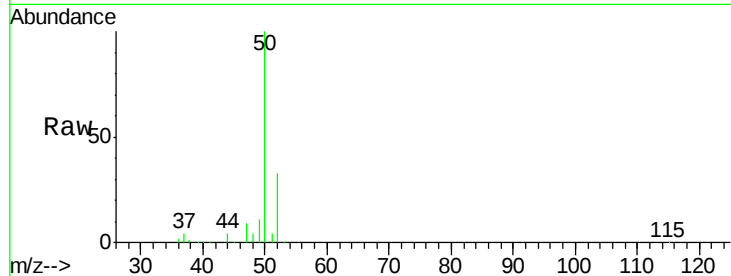
VSTDCCC050

Tgt Ion: 50 Resp: 62525

Ion Ratio Lower Upper

50 100

52 33.1 27.5 41.3



#4

Vinyl Chloride

Concen: 47.10 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000374.D

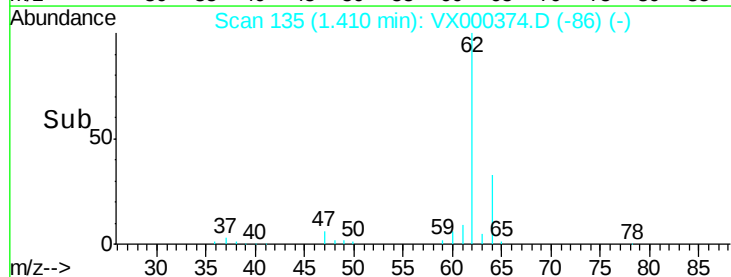
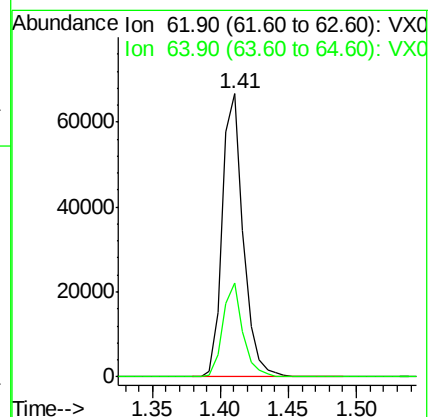
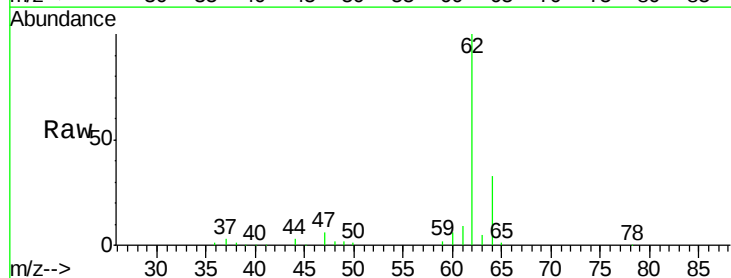
Acq: 21 Mar 2018 10:06

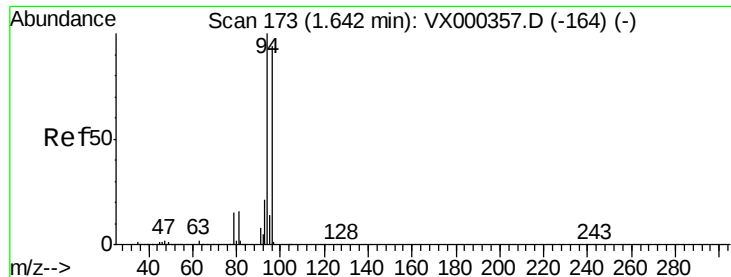
Tgt Ion: 62 Resp: 71301

Ion Ratio Lower Upper

62 100

64 33.3 24.8 37.2





#5

Bromomethane

Concen: 56.81 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

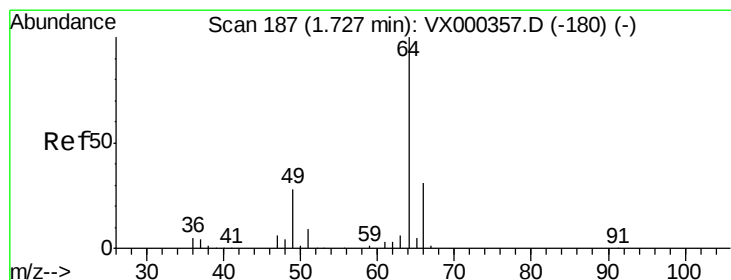
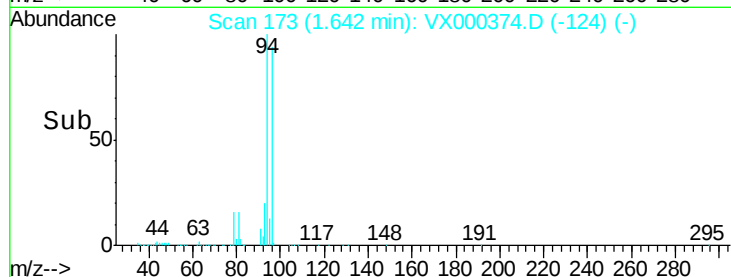
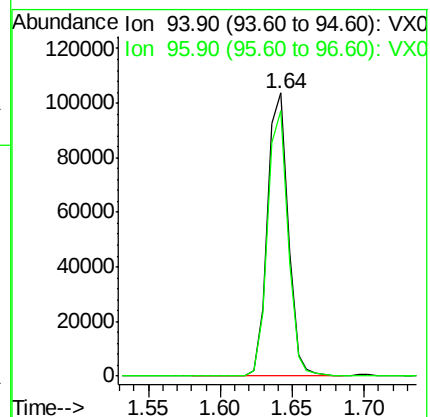
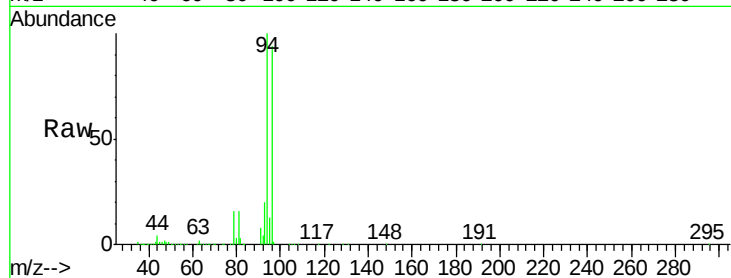
VSTDCCC050

Tgt Ion: 94 Resp: 102965

Ion Ratio Lower Upper

94 100

96 93.7 77.7 116.5



#6

Chloroethane

Concen: 50.90 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000374.D

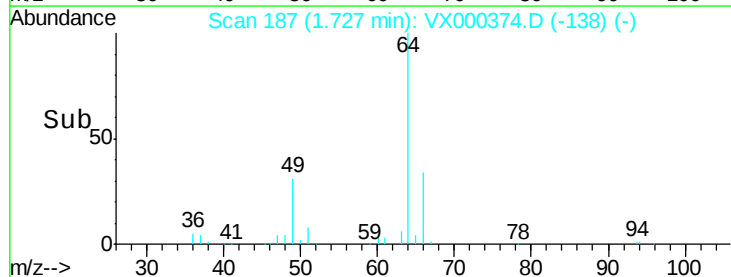
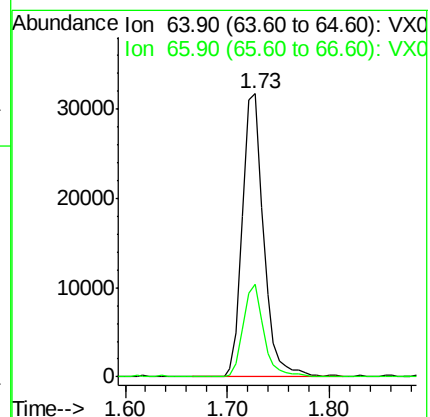
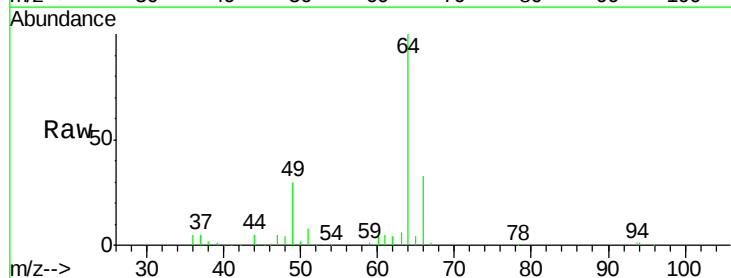
Acq: 21 Mar 2018 10:06

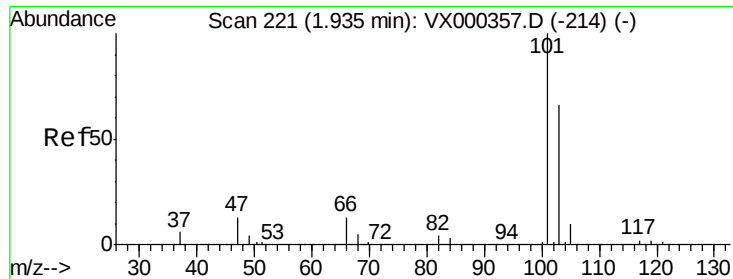
Tgt Ion: 64 Resp: 45678

Ion Ratio Lower Upper

64 100

66 32.6 24.8 37.2



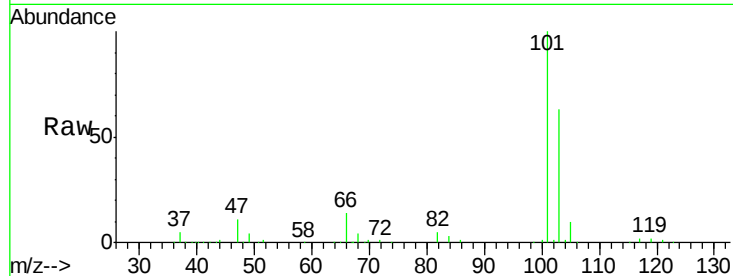


#7

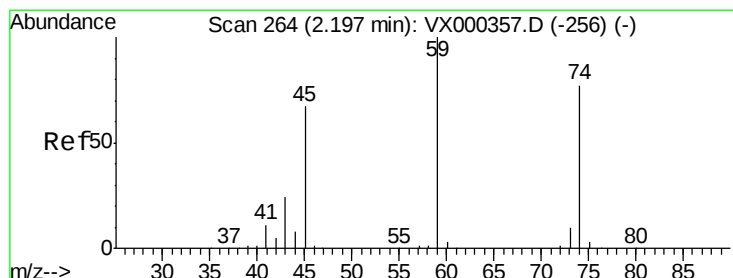
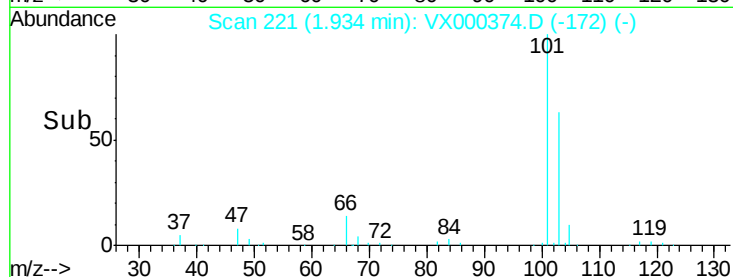
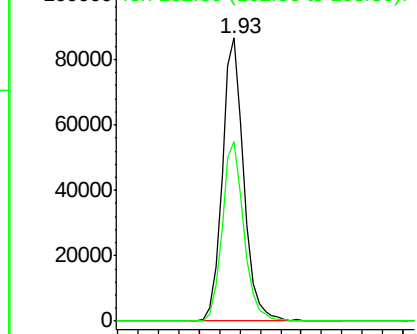
Trichlorofluoromethane
 Concen: 46.40 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Instrument :
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Tgt Ion:101 Resp: 126764
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.6 77.4



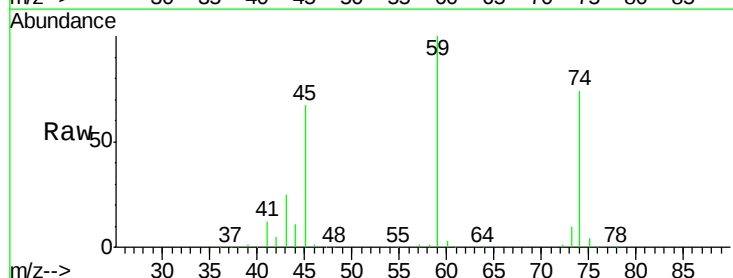
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



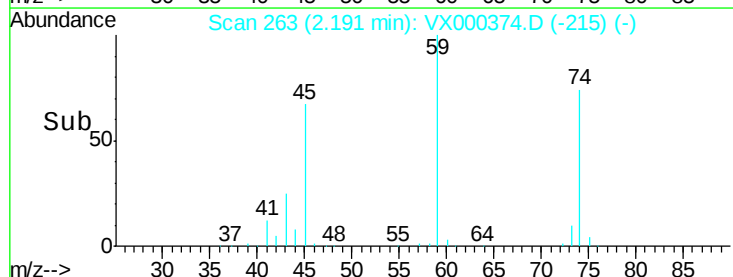
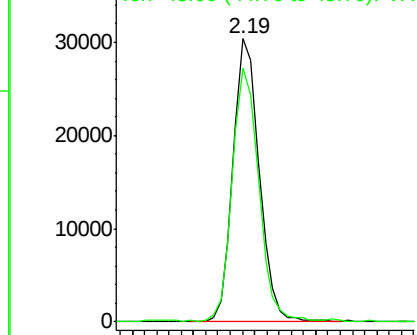
#8

Diethyl Ether
 Concen: 46.07 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.01 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Tgt Ion: 74 Resp: 44981
 Ion Ratio Lower Upper
 74 100
 45 91.6 45.1 135.3



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: 48.12 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

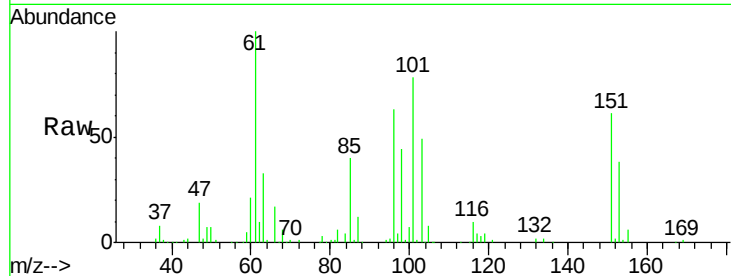
Tgt Ion:101 Resp: 73306

Ion Ratio Lower Upper

101 100

85 48.4 37.6 56.4

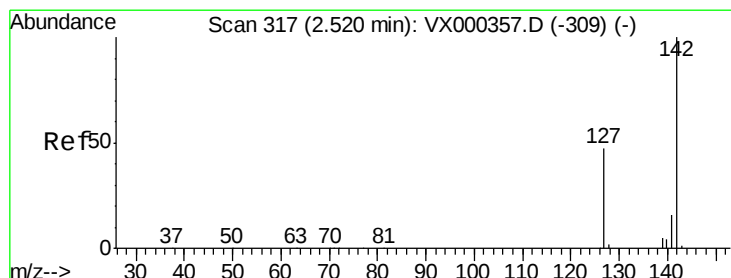
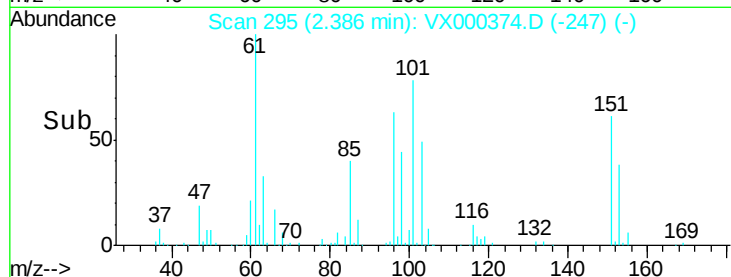
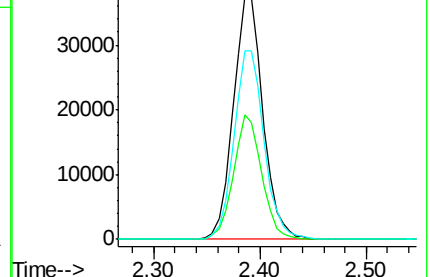
151 78.7 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.40 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

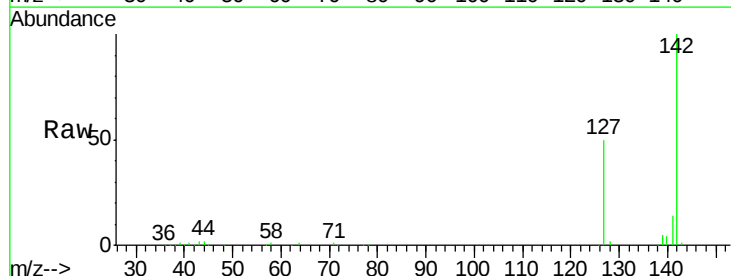
Tgt Ion:142 Resp: 67892

Ion Ratio Lower Upper

142 100

127 49.2 39.2 58.8

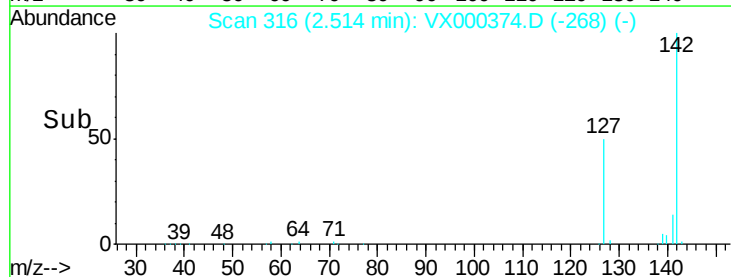
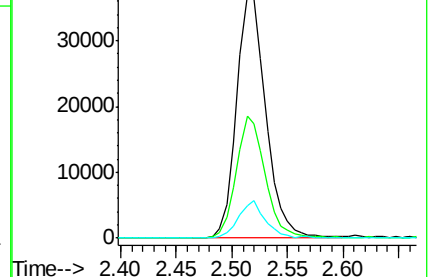
141 14.2 11.7 17.5

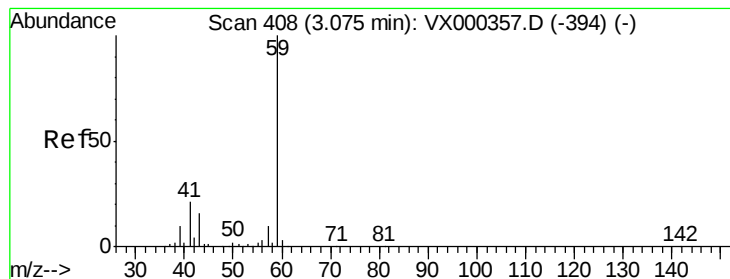


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



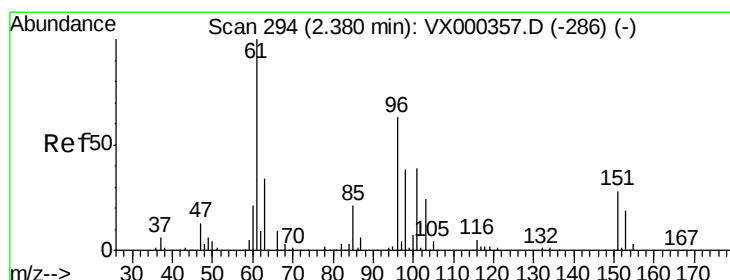
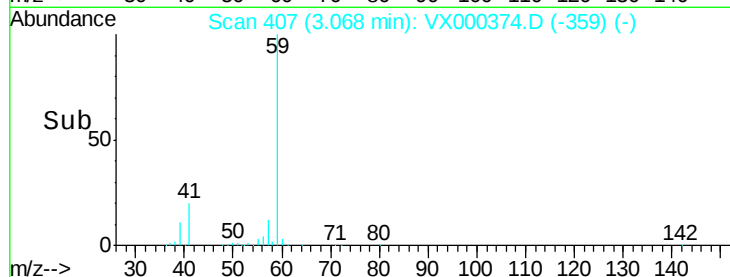
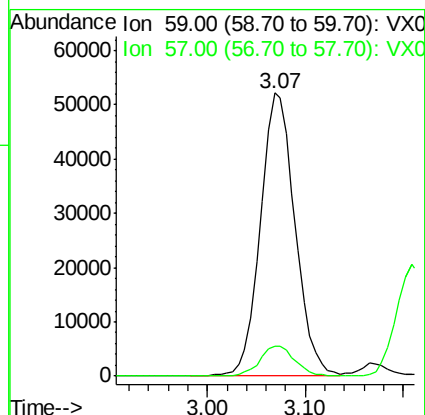
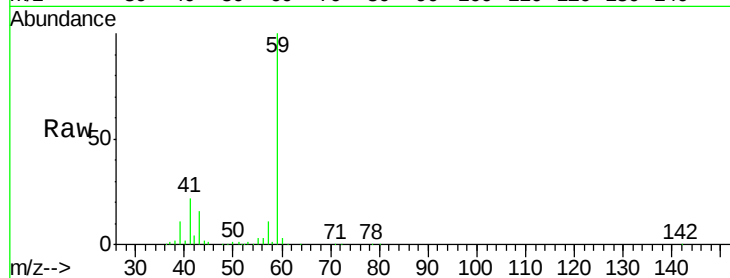


#11

Tert butyl alcohol
 Concen: 233.16 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

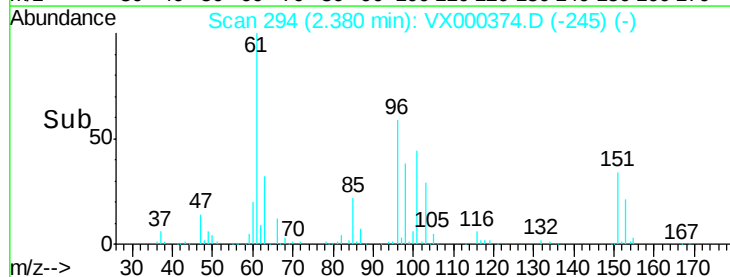
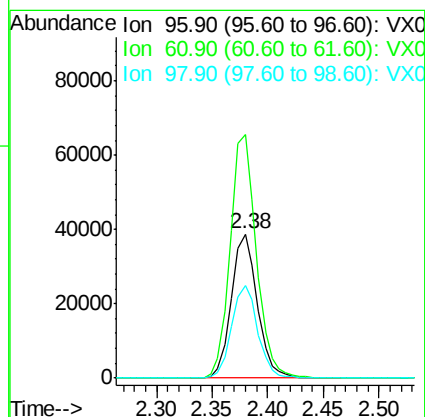
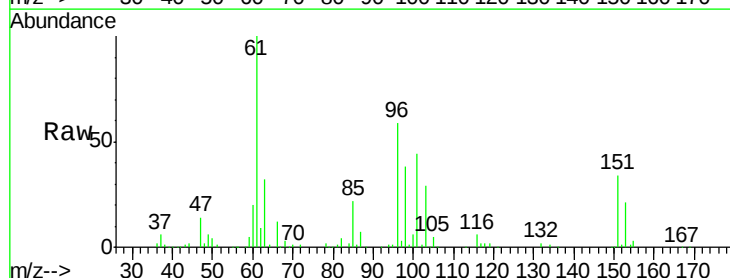
Tgt Ion: 59 Resp: 129175
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.4 12.6

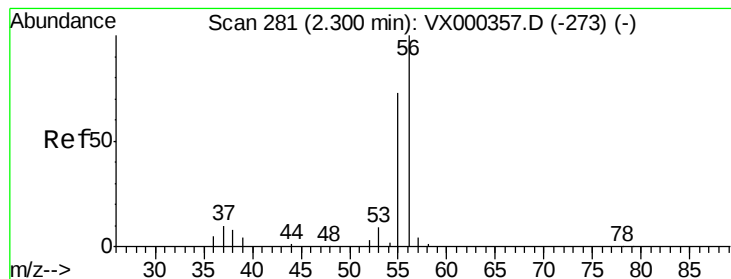


#12

1,1-Dichloroethene
 Concen: 46.81 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Tgt Ion: 96 Resp: 62605
 Ion Ratio Lower Upper
 96 100
 61 169.1 131.2 196.8
 98 64.0 49.8 74.8





#13

Acrolein

Concen: 258.08 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

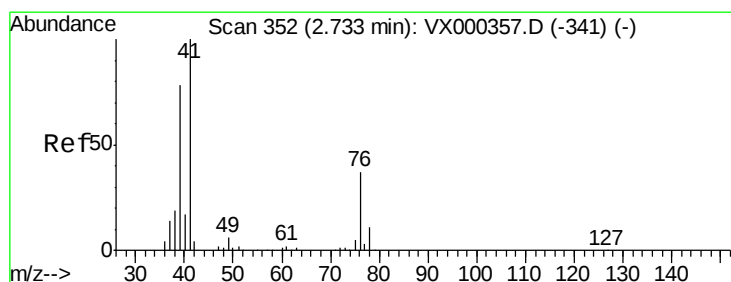
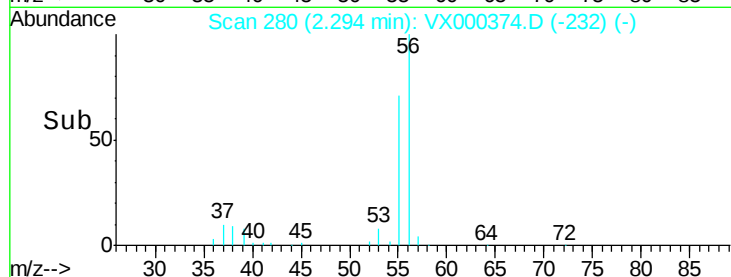
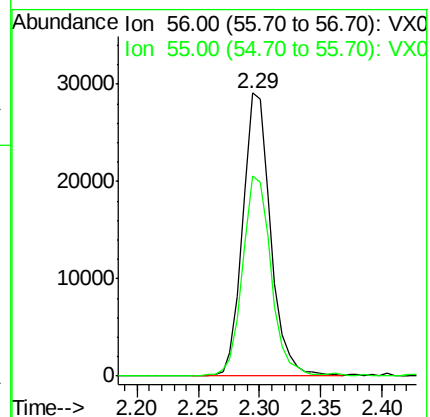
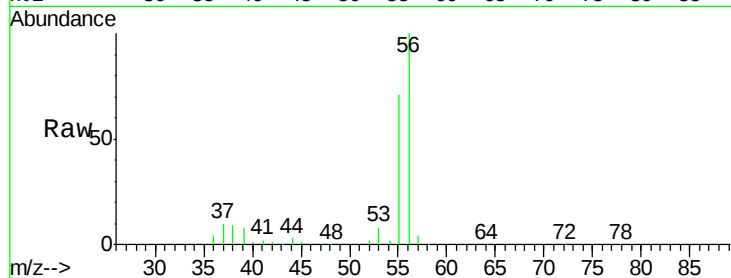
VSTDCCC050

Tgt Ion: 56 Resp: 45742

Ion Ratio Lower Upper

56 100

55 72.6 58.8 88.2



#14

Allyl chloride

Concen: 49.15 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

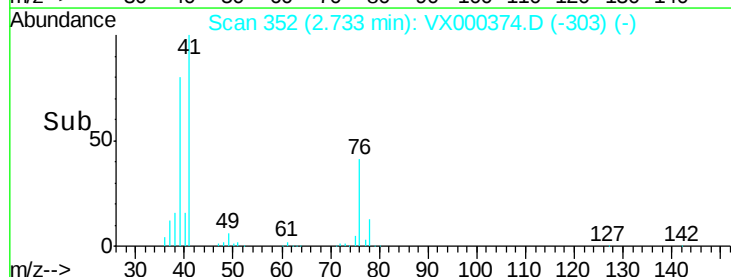
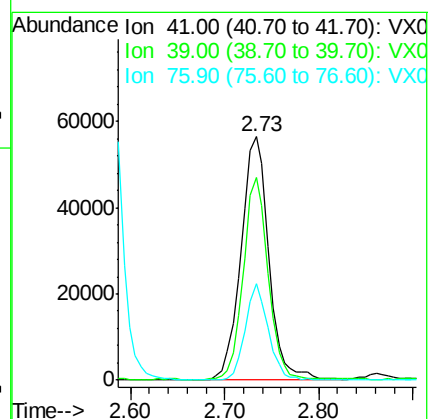
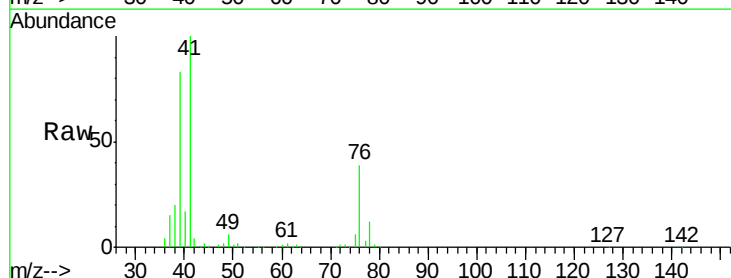
Tgt Ion: 41 Resp: 116098

Ion Ratio Lower Upper

41 100

39 73.8 57.6 86.4

76 32.6 27.3 40.9

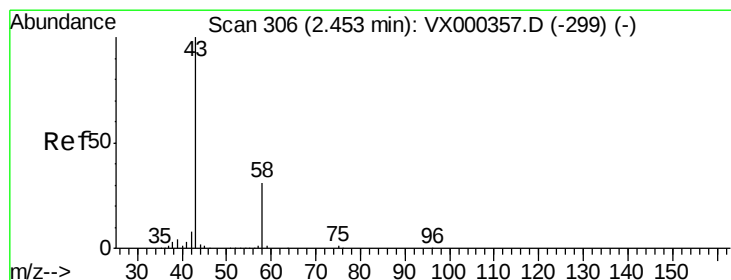
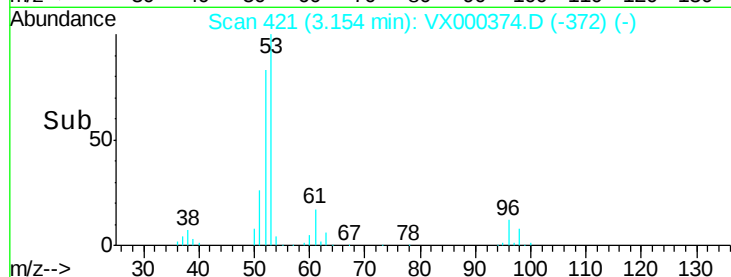
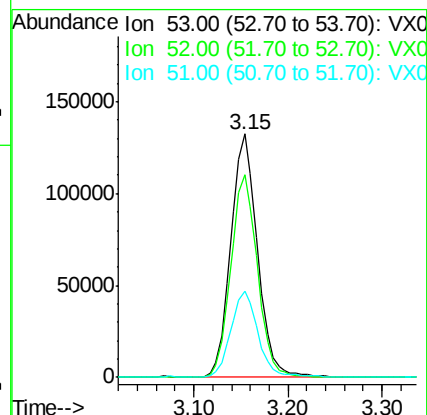
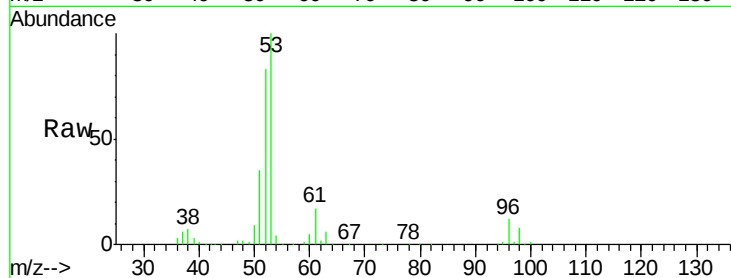




#15
Acrylonitrile
Concen: 231.93 ug/l
RT: 3.15 min Scan# 421
Delta R.T. -0.00 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

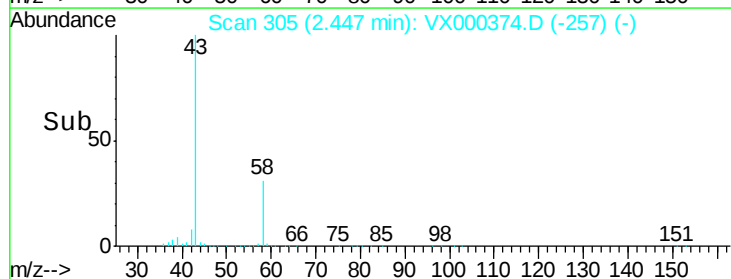
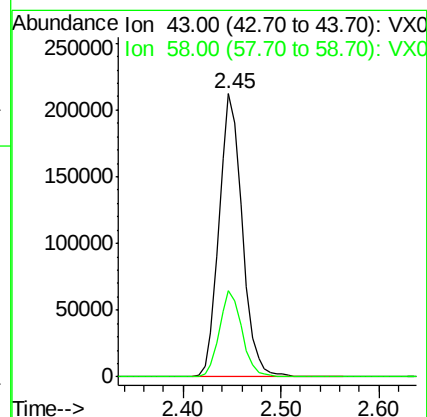
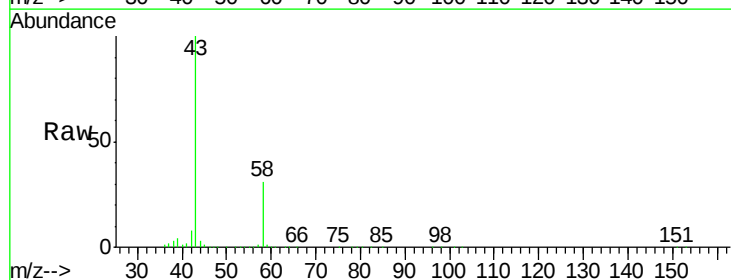
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

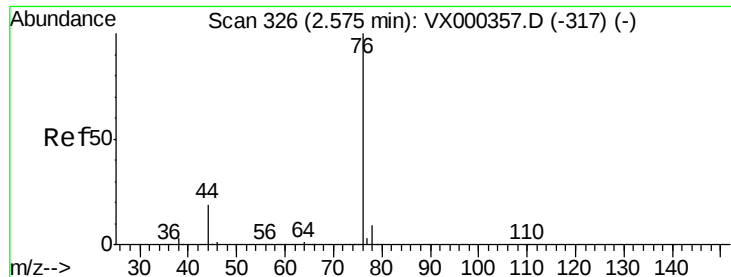
Tgt Ion: 53 Resp: 260248
Ion Ratio Lower Upper
53 100
52 83.5 66.6 99.8
51 36.2 29.3 43.9



#16
Acetone
Concen: 259.52 ug/l
RT: 2.45 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

Tgt Ion: 43 Resp: 347724
Ion Ratio Lower Upper
43 100
58 30.6 24.7 37.1

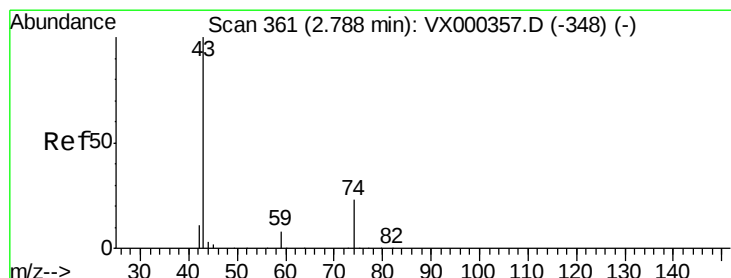
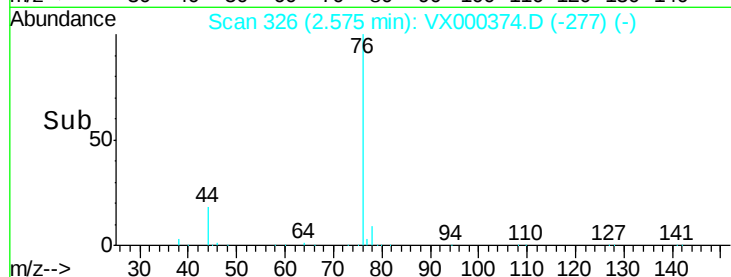
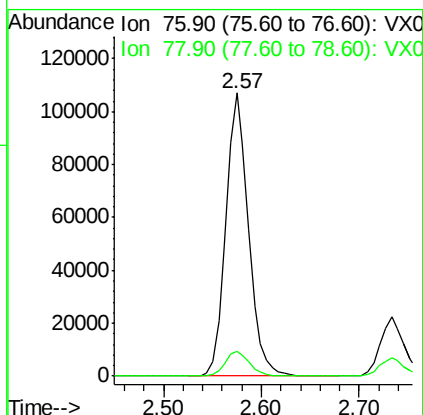
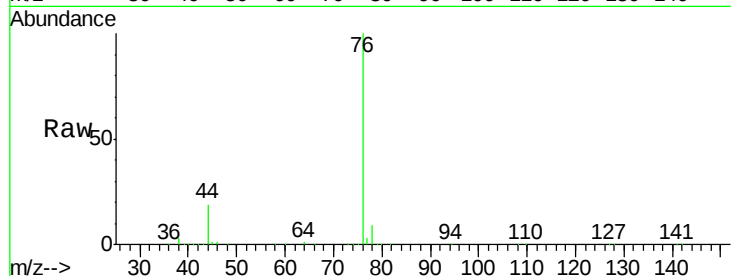




#17
Carbon Disulfide
Concen: 48.15 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

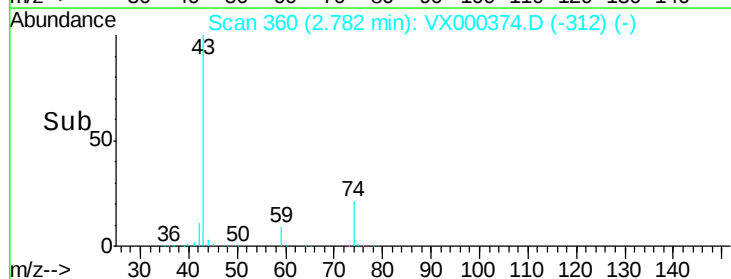
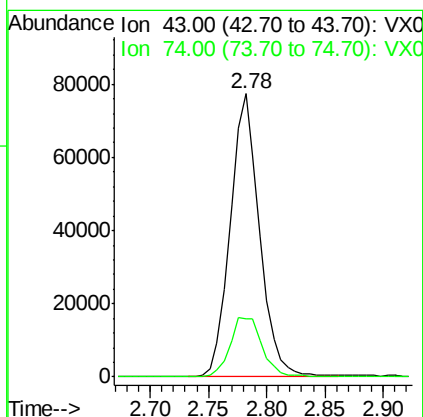
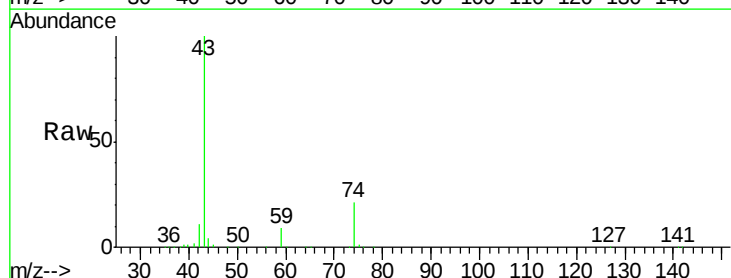
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

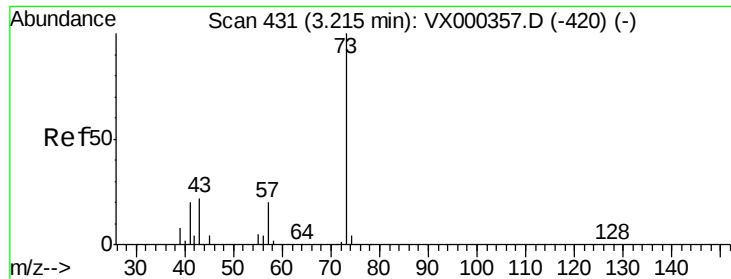
Tgt Ion: 76 Resp: 171297
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 47.95 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

Tgt Ion: 43 Resp: 134681
Ion Ratio Lower Upper
43 100
74 23.2 19.4 29.2

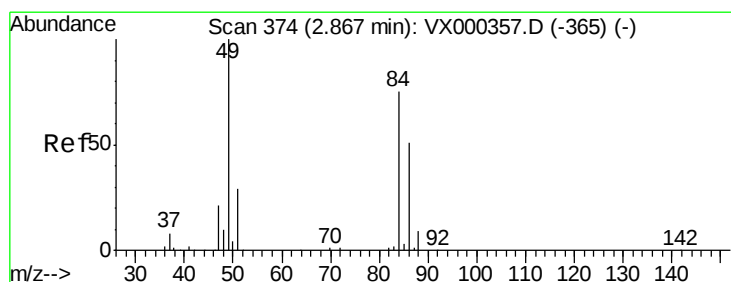
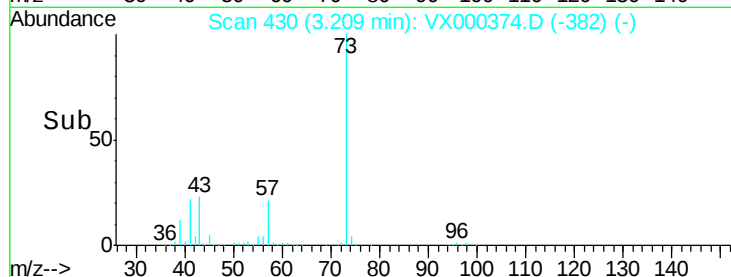
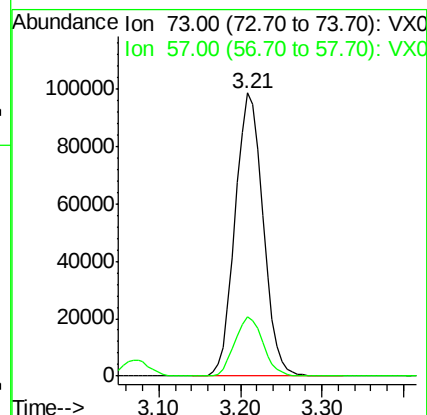
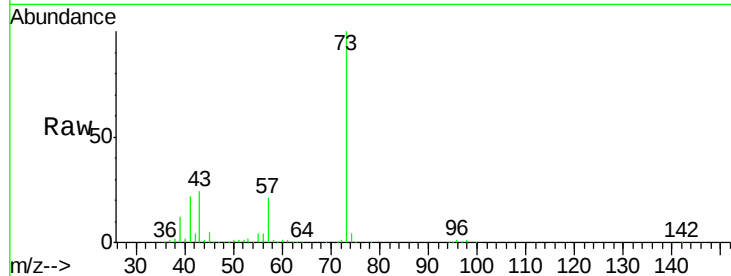




#19
Methyl tert-butyl Ether
Concen: 47.07 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

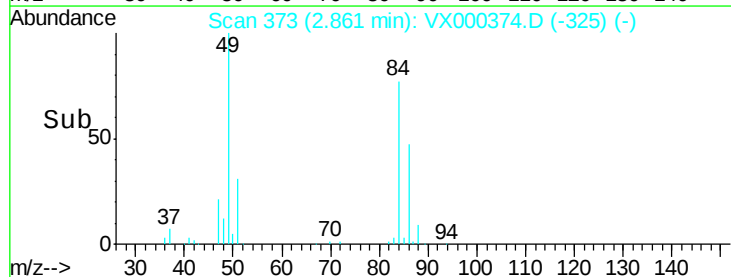
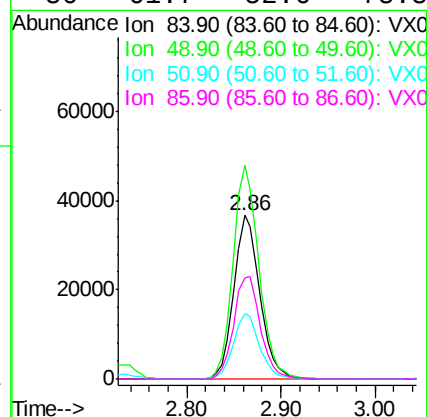
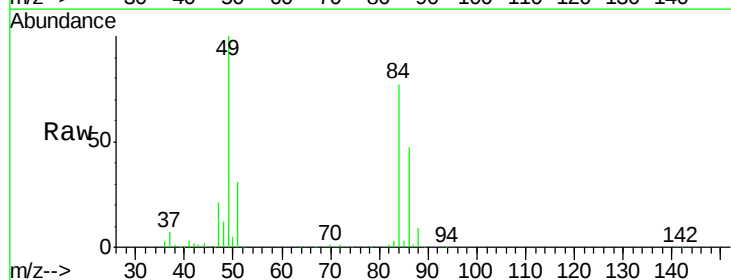
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 73 Resp: 232809
Ion Ratio Lower Upper
73 100
57 20.8 17.2 25.8



#20
Methylene Chloride
Concen: 45.47 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

Tgt Ion: 84 Resp: 70373
Ion Ratio Lower Upper
84 100
49 130.5 100.6 151.0
51 39.9 31.6 47.4
86 61.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 46.31 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

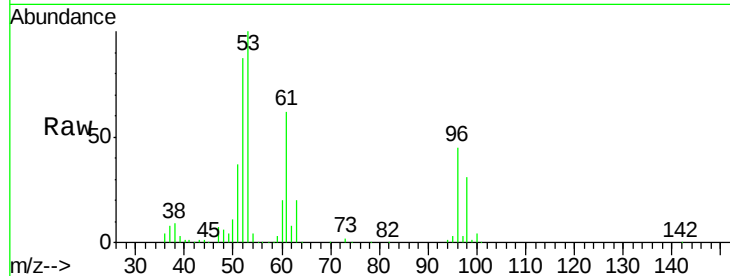
Tgt Ion: 96 Resp: 69084

Ion Ratio Lower Upper

96 100

61 138.0 104.0 156.0

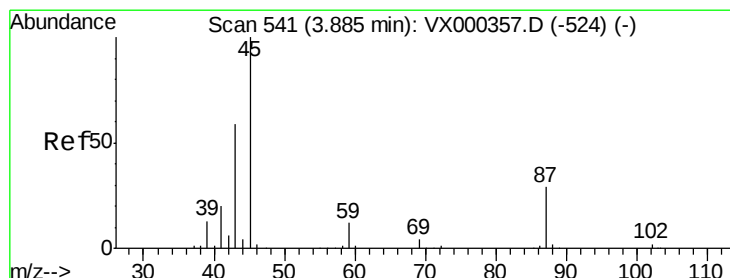
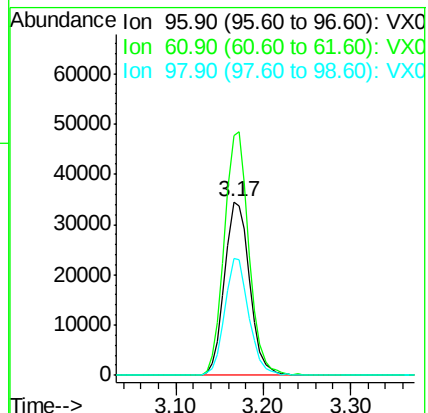
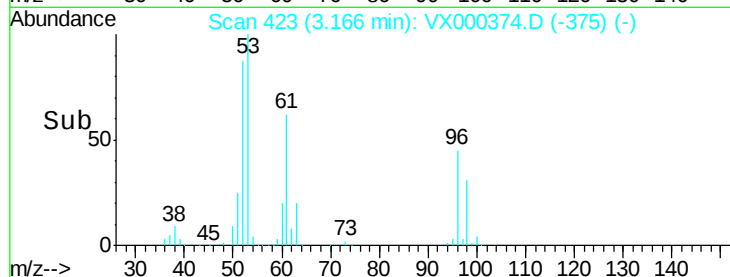
98 67.6 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 42.89 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Tgt Ion: 45 Resp: 179332

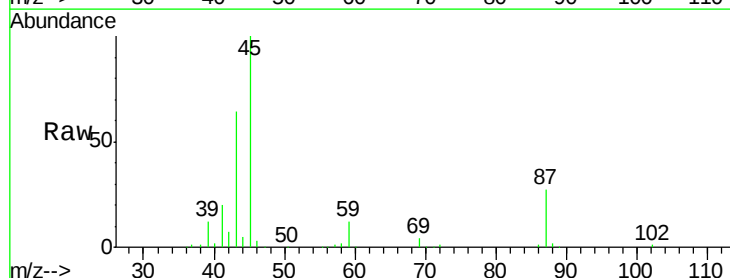
Ion Ratio Lower Upper

45 100

43 64.1 53.9 80.9

87 26.5 22.6 34.0

59 12.2 9.5 14.3

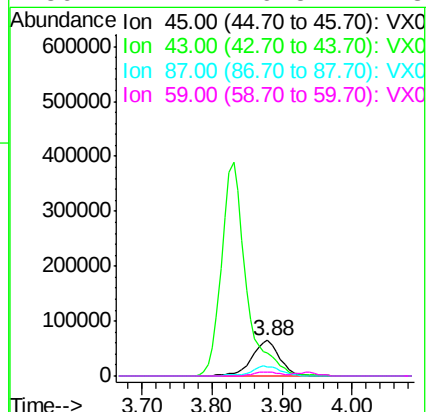
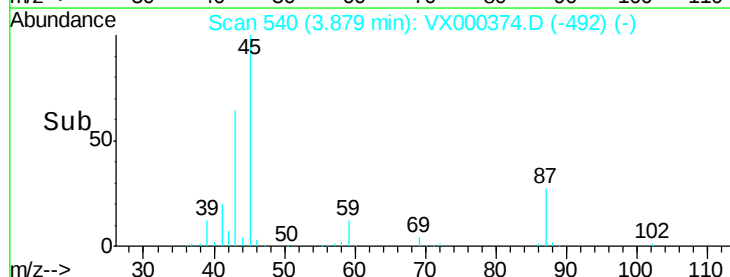


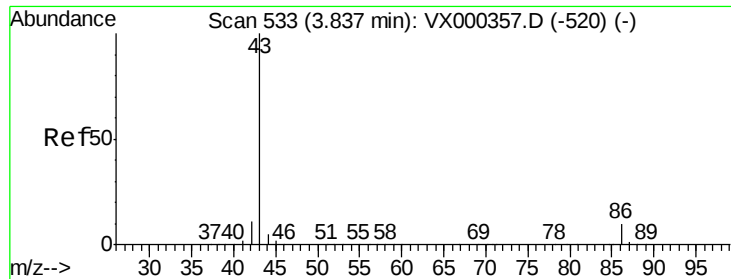
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 241.86 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

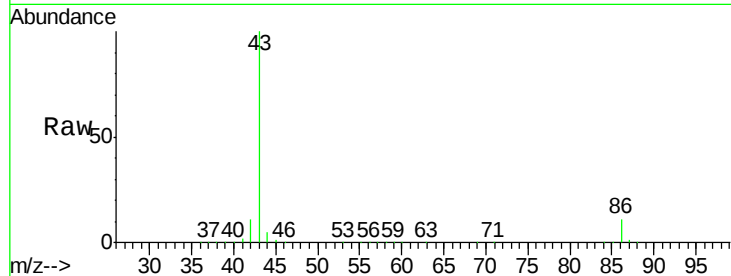
VSTDCCC050

Tgt Ion: 43 Resp: 958591

Ion Ratio Lower Upper

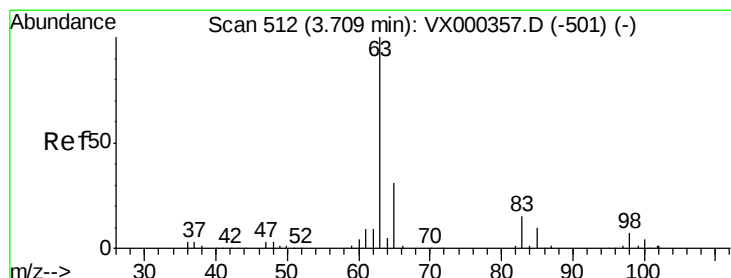
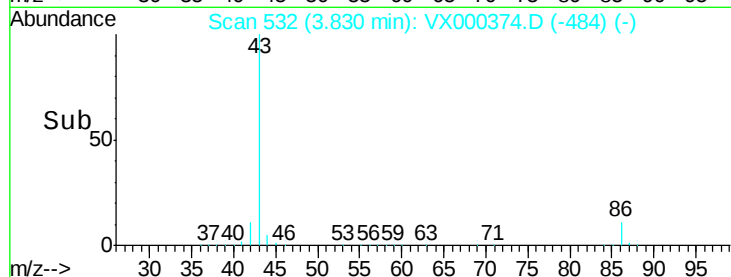
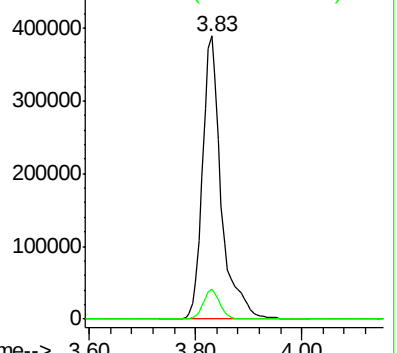
43 100

86 10.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.08 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

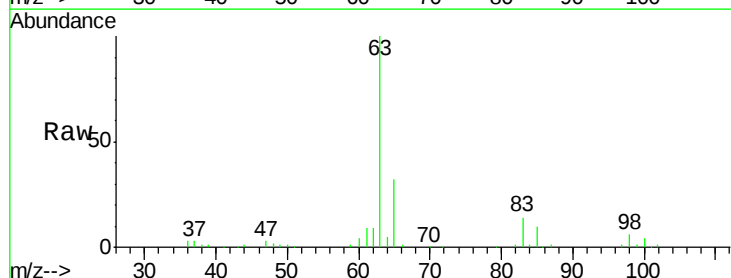
Tgt Ion: 63 Resp: 126373

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.9

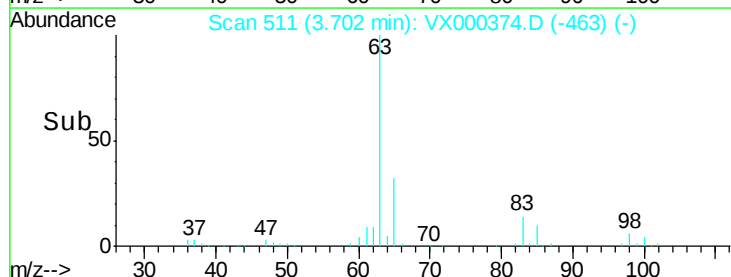
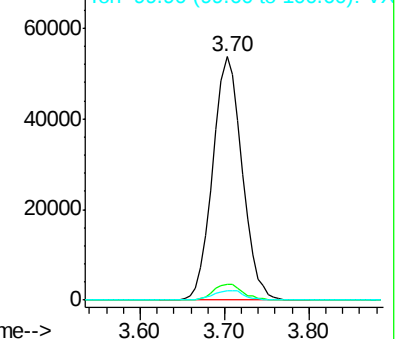
100 3.8 2.0 5.8

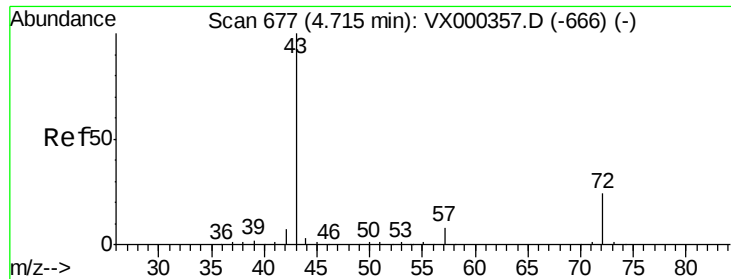


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 244.43 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

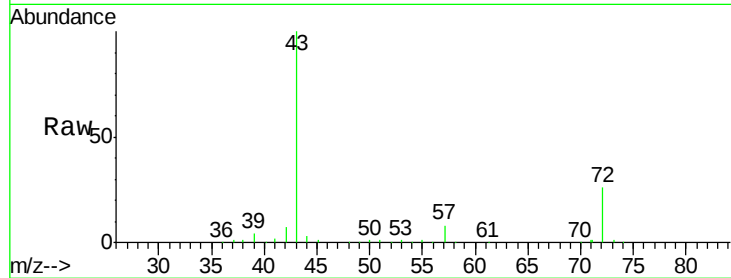
VSTDCCC050

Tgt Ion: 43 Resp: 368125

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

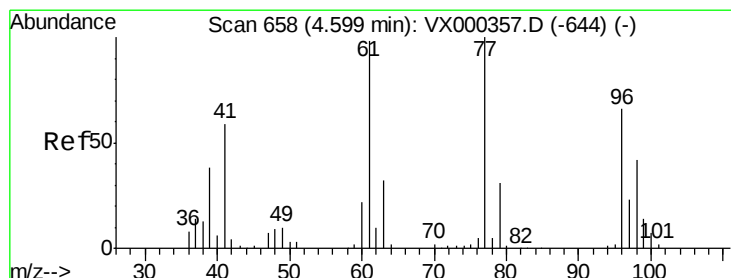
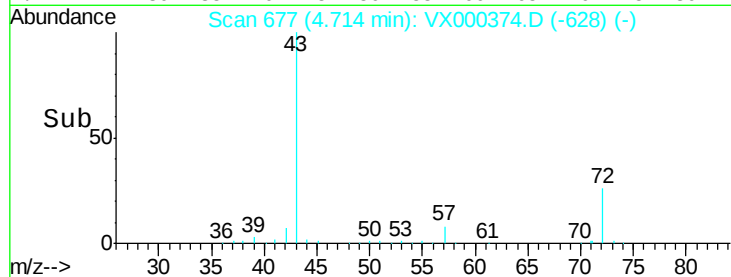
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 49.33 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000374.D

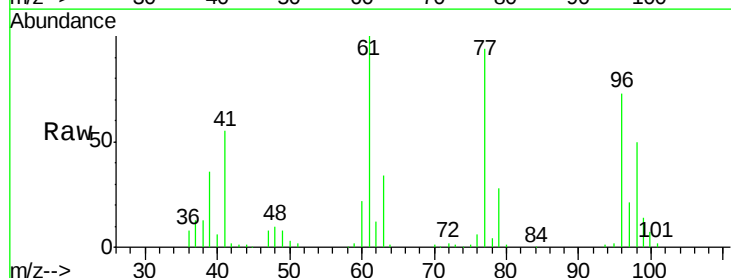
Acq: 21 Mar 2018 10:06

Tgt Ion: 77 Resp: 90888

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

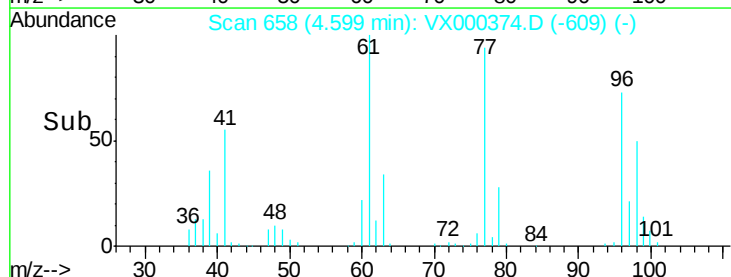
30000

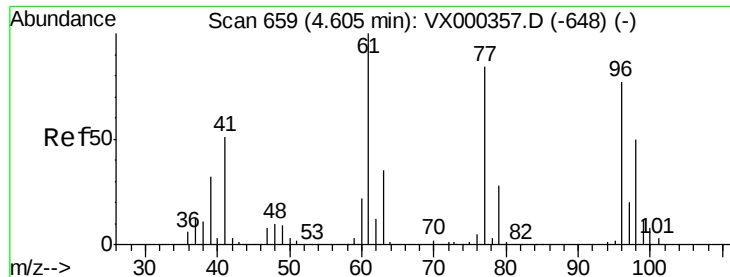
20000

10000

0

Time-->



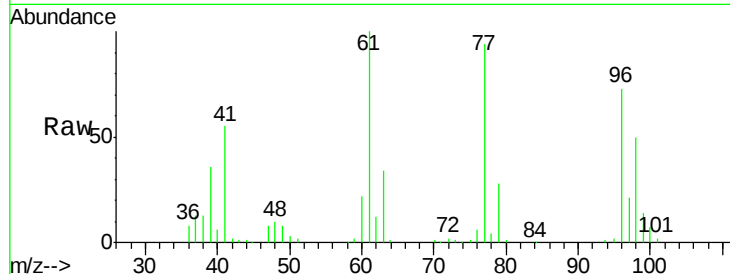


#27

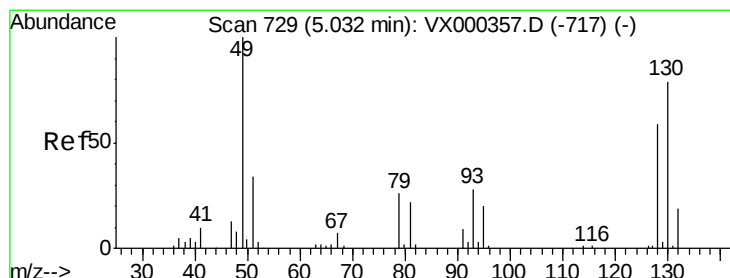
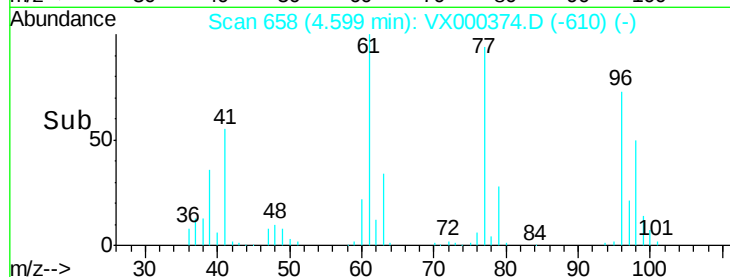
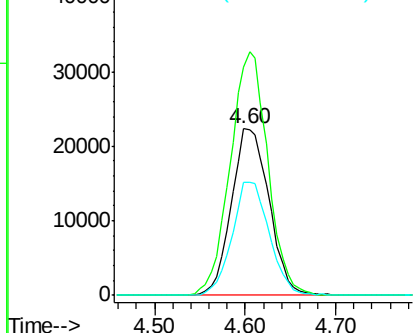
cis-1,2-Dichloroethene
Concen: 46.19 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 64406
Ion Ratio Lower Upper
96 100
61 145.7 0.0 291.6
98 67.1 0.0 132.0



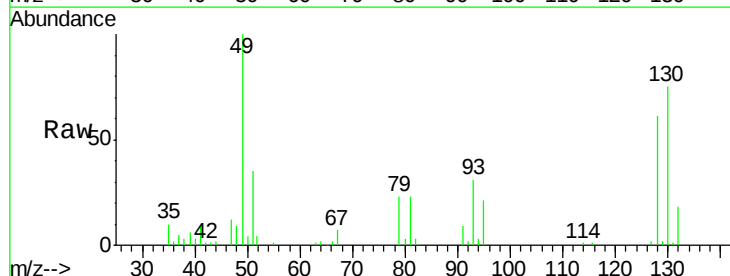
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



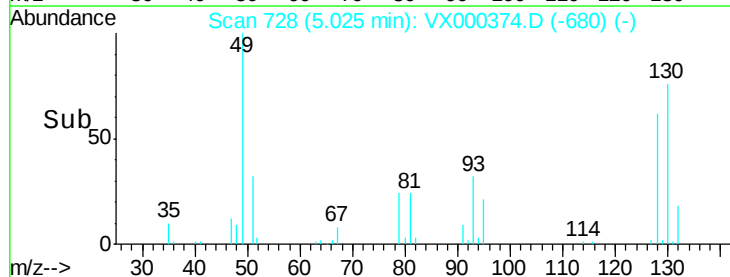
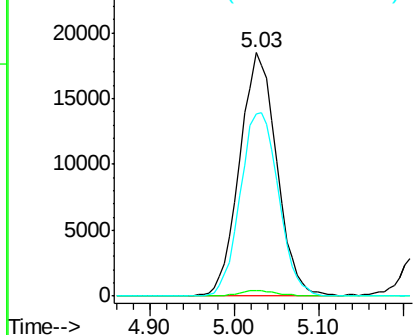
#28

Bromochloromethane
Concen: 51.01 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

Tgt Ion: 49 Resp: 55296
Ion Ratio Lower Upper
49 100
129 2.3 0.0 5.0
130 77.3 64.0 96.0



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

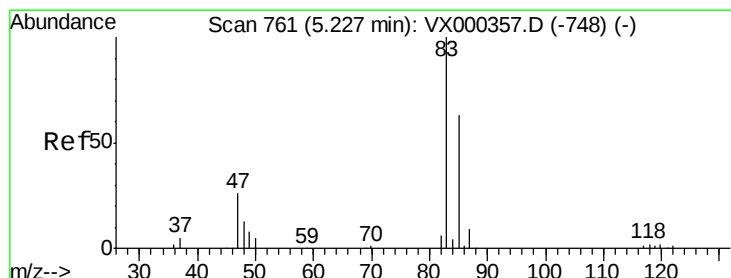
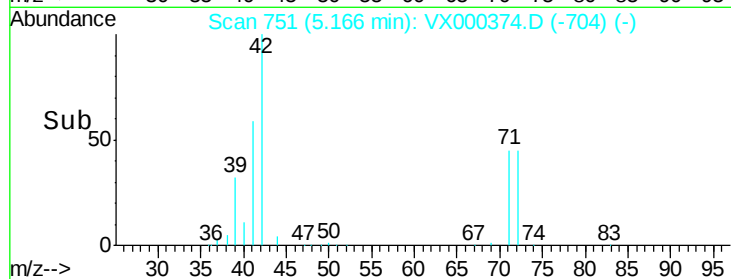
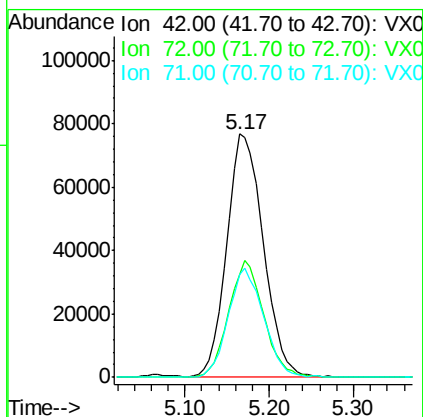
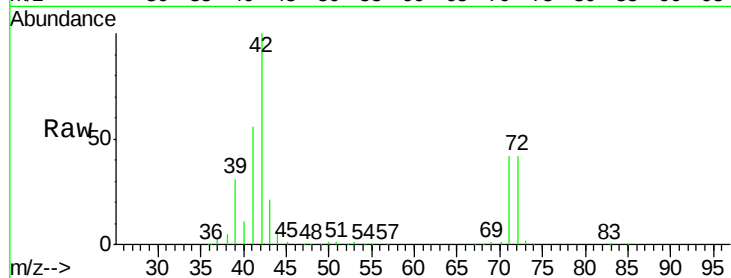




#29
Tetrahydrofuran
Concen: 243.32 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

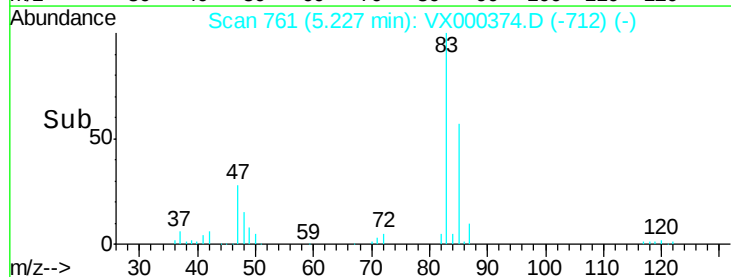
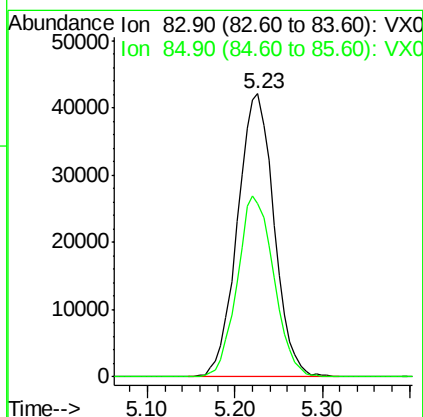
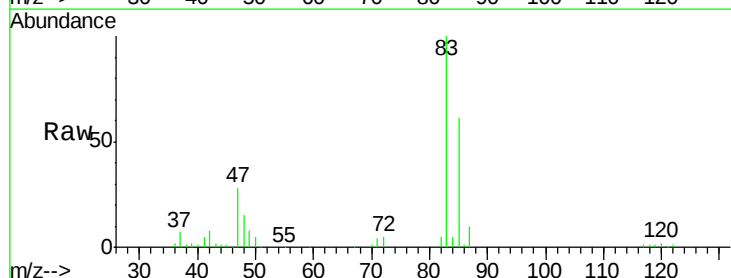
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

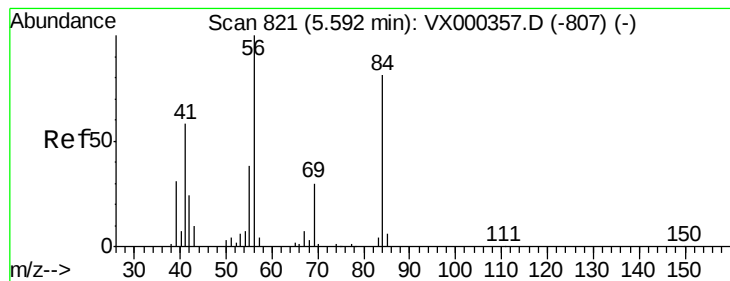
Tgt Ion: 42 Resp: 225464
Ion Ratio Lower Upper
42 100
72 46.3 37.9 56.9
71 43.7 34.4 51.6



#30
Chloroform
Concen: 49.56 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

Tgt Ion: 83 Resp: 122103
Ion Ratio Lower Upper
83 100
85 61.0 53.3 79.9





#31

Cyclohexane

Concen: 48.46 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.01 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

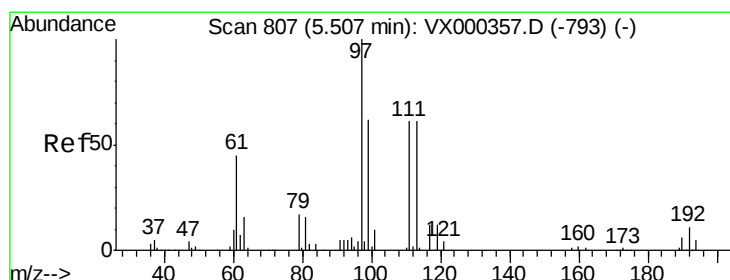
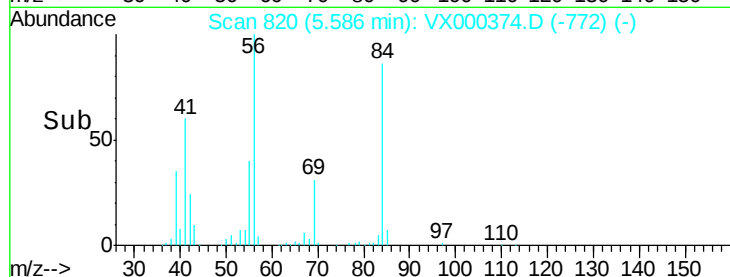
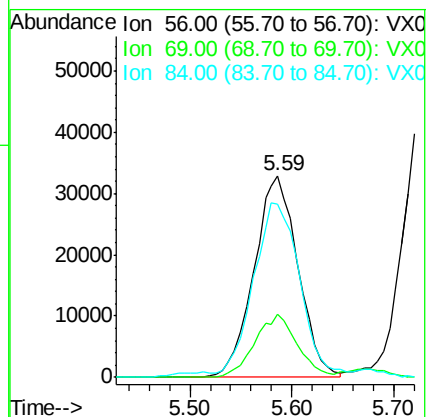
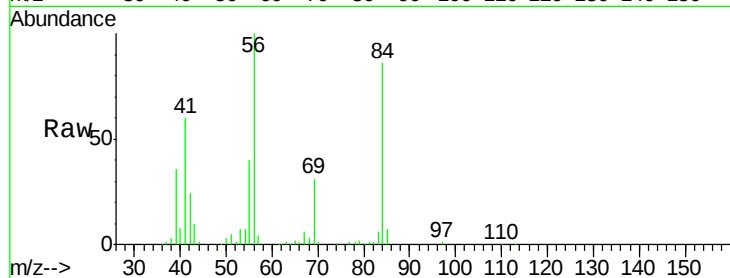
Tgt Ion: 56 Resp: 98468

Ion Ratio Lower Upper

56 100

69 31.0 23.4 35.0

84 83.5 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 49.91 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

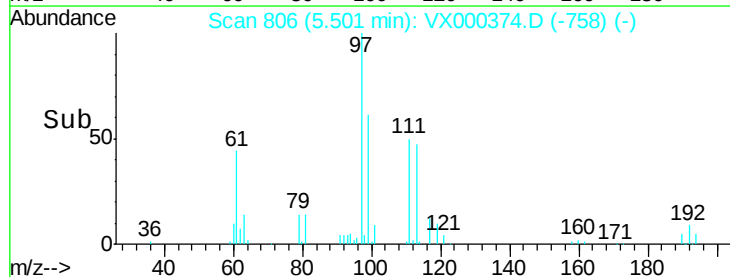
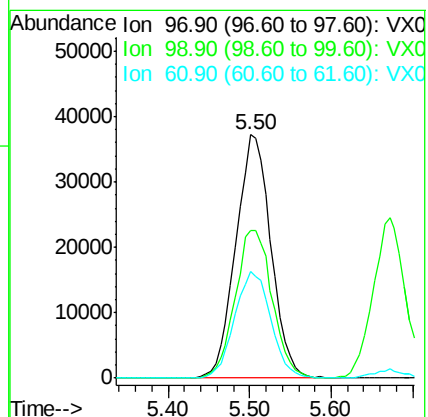
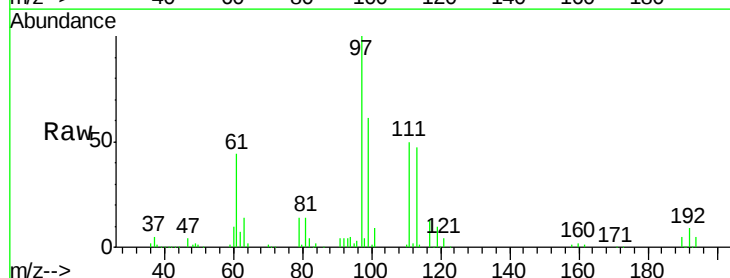
Tgt Ion: 97 Resp: 110930

Ion Ratio Lower Upper

97 100

99 64.1 52.1 78.1

61 45.2 36.2 54.4

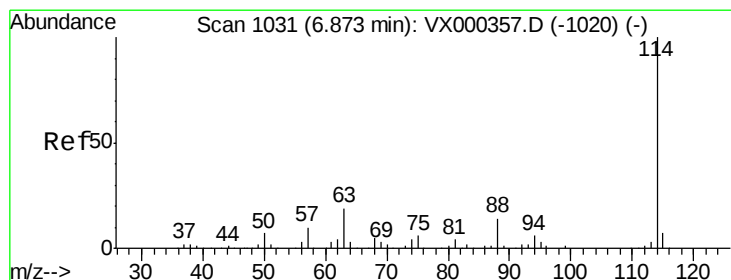
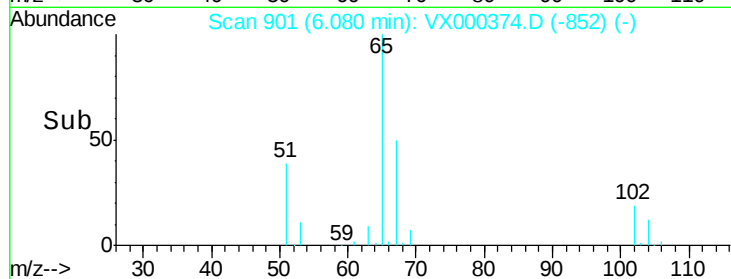
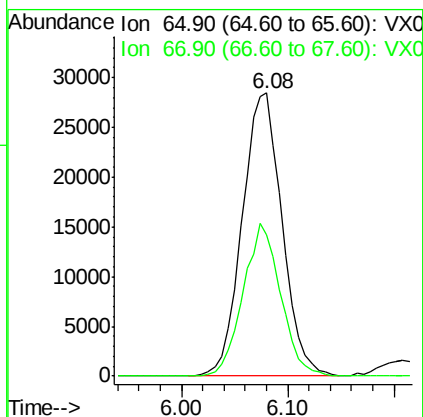
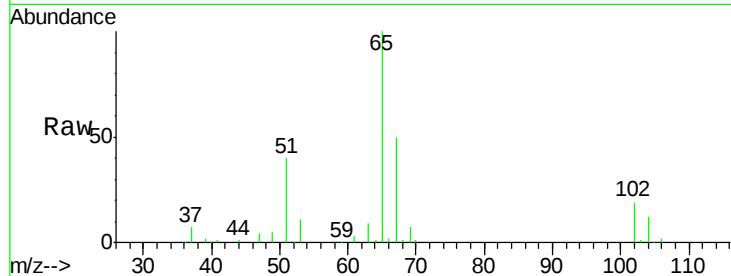




#33
 1,2-Dichloroethane-d4
 Concen: 46.35 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

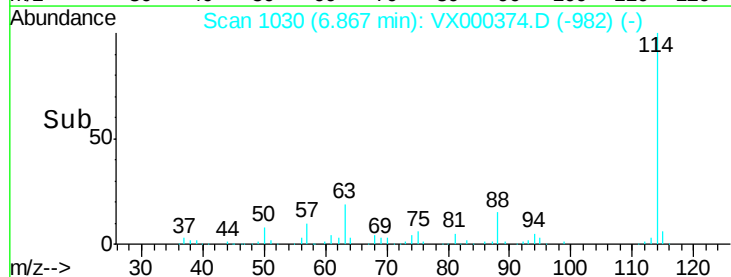
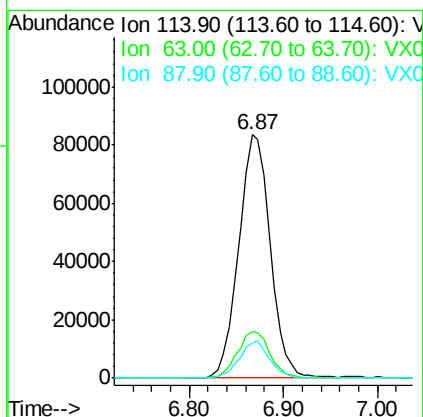
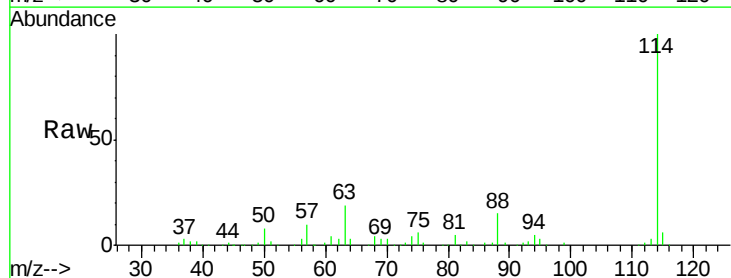
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 74657
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Tgt Ion: 114 Resp: 196051
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 14.5 0.0 27.0

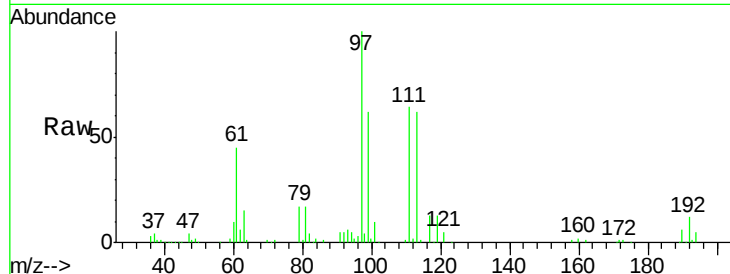




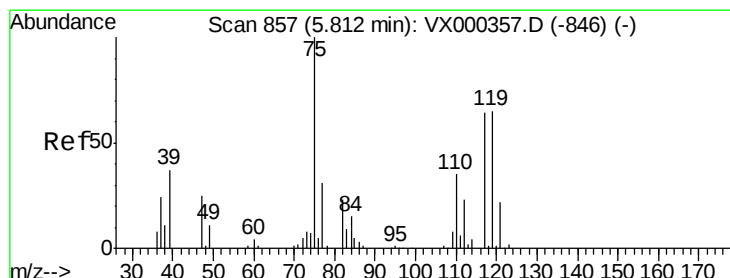
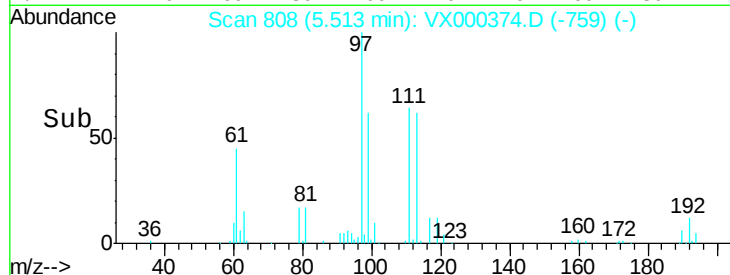
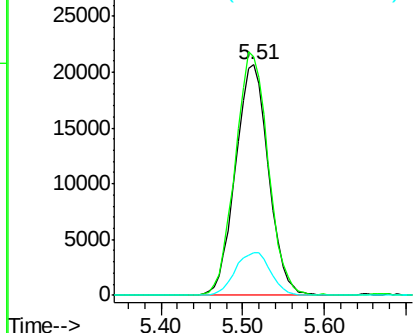
#35
 Dibromofluoromethane
 Concen: 46.94 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:113 Resp: 57980
 Ion Ratio Lower Upper
 113 100
 111 105.6 82.4 123.6
 192 20.0 15.8 23.6

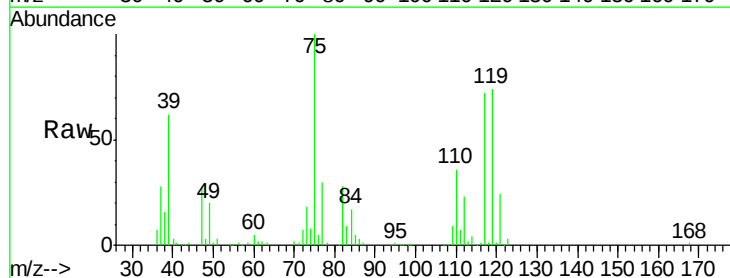


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

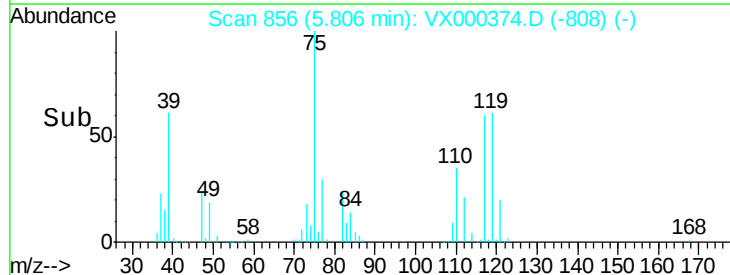
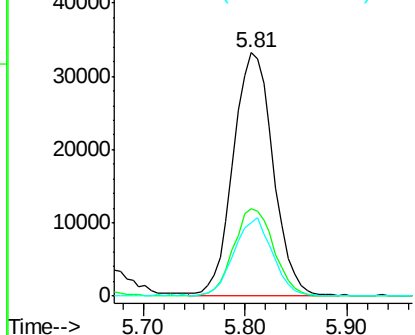


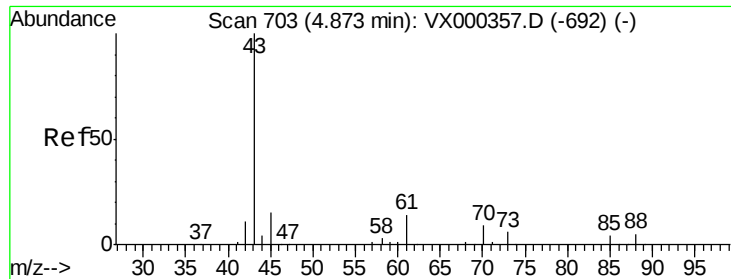
#36
 1,1-Dichloropropene
 Concen: 49.04 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Tgt Ion: 75 Resp: 90058
 Ion Ratio Lower Upper
 75 100
 110 36.4 17.9 53.7
 77 31.0 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

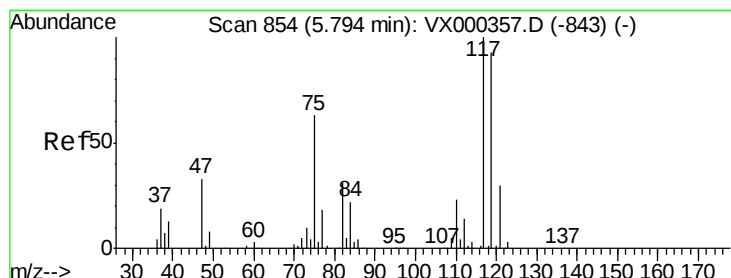
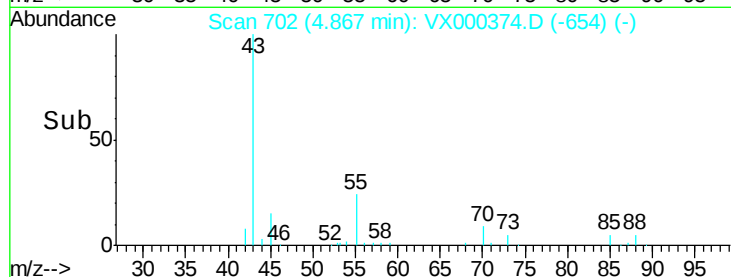
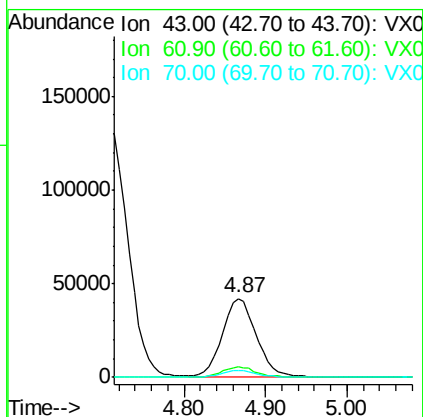
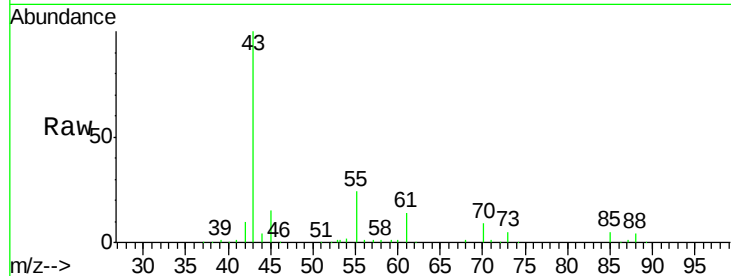




#37
Ethyl Acetate
Concen: 48.35 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

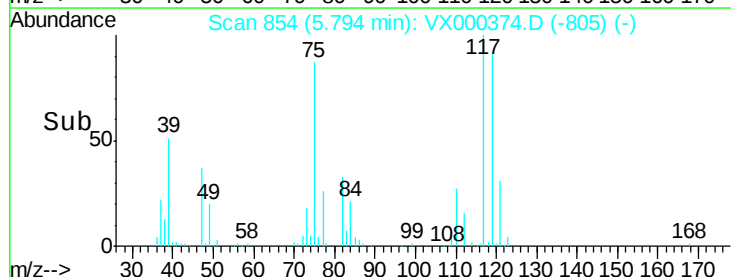
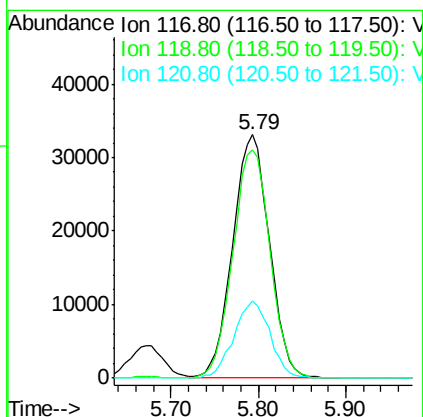
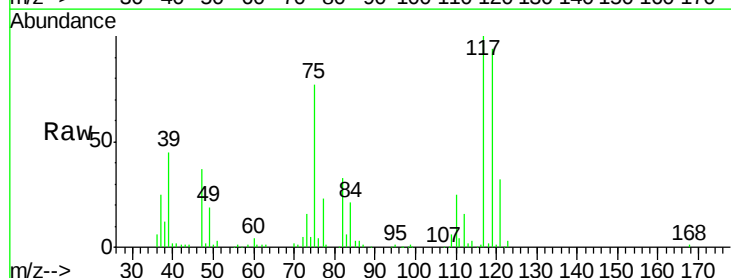
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

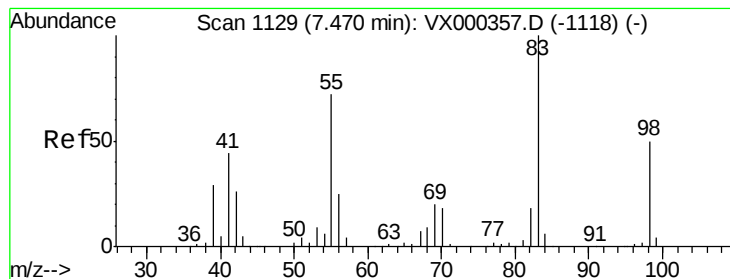
Tgt Ion: 43 Resp: 121285
Ion Ratio Lower Upper
43 100
61 13.3 11.1 16.7
70 9.1 7.7 11.5



#38
Carbon Tetrachloride
Concen: 50.18 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

Tgt Ion: 117 Resp: 96669
Ion Ratio Lower Upper
117 100
119 93.5 77.4 116.2
121 31.5 24.8 37.2





#39

Methylcyclohexane

Concen: 51.84 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. -0.00 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

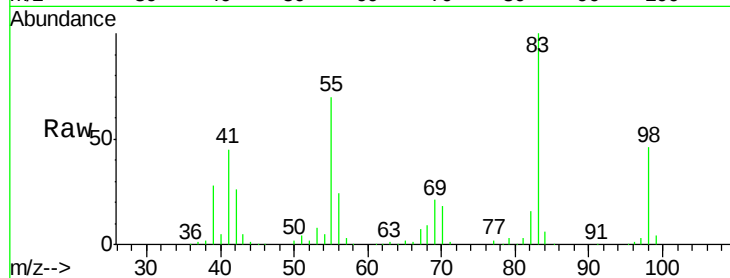
Tgt Ion: 83 Resp: 115788

Ion Ratio Lower Upper

83 100

55 69.8 55.5 83.3

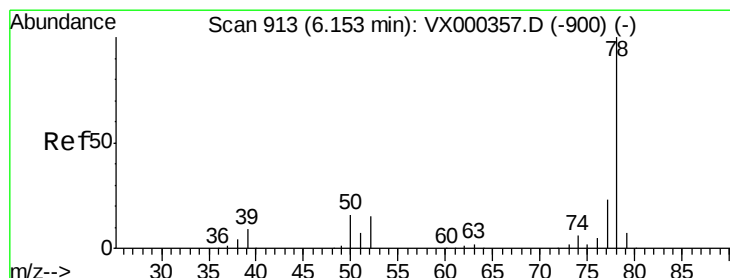
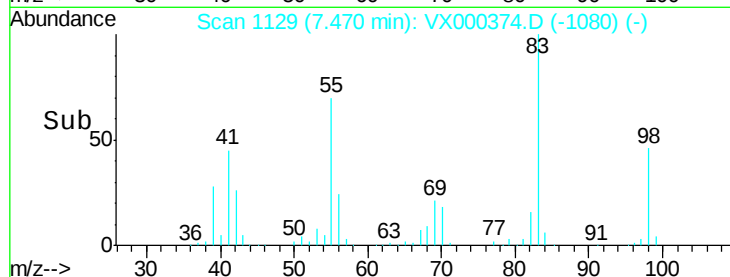
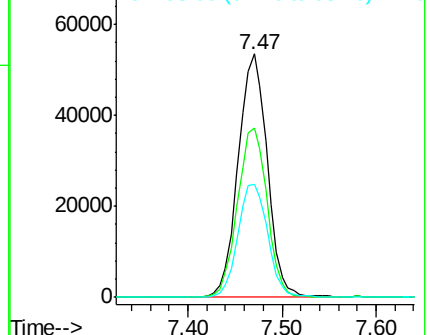
98 46.4 38.2 57.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 49.50 ug/l

RT: 6.15 min Scan# 913

Delta R.T. -0.00 min

Lab File: VX000374.D

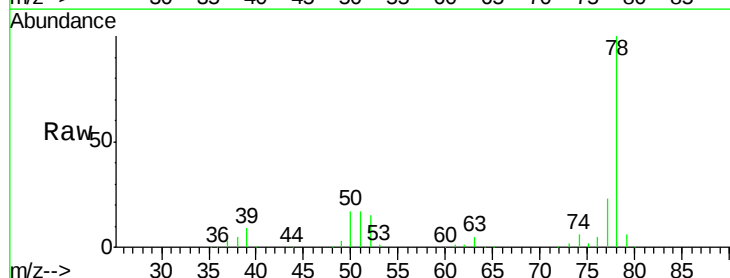
Acq: 21 Mar 2018 10:06

Tgt Ion: 78 Resp: 263991

Ion Ratio Lower Upper

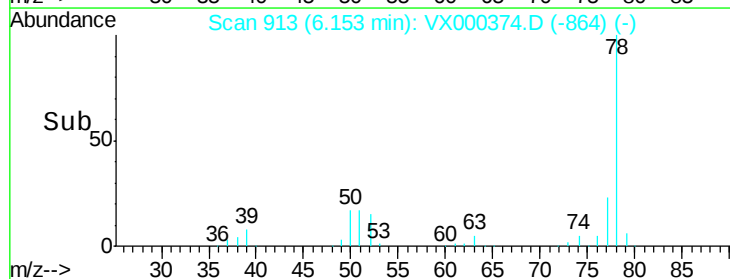
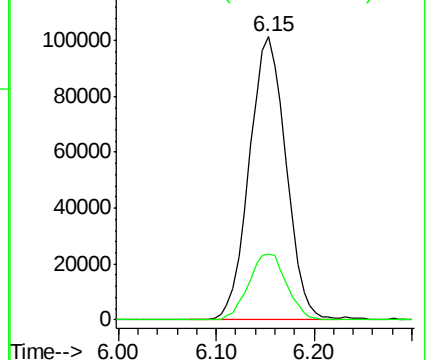
78 100

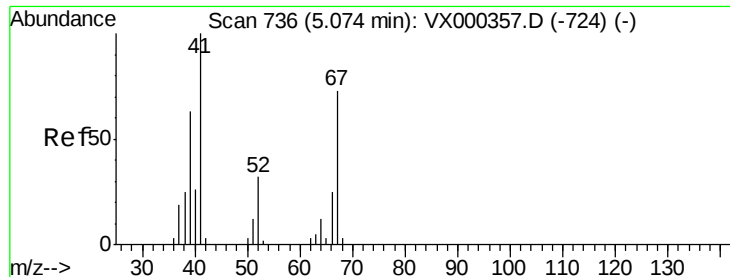
77 23.2 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 47.52 ug/l

RT: 5.07 min Scan# 735

Delta R.T. -0.01 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 62847

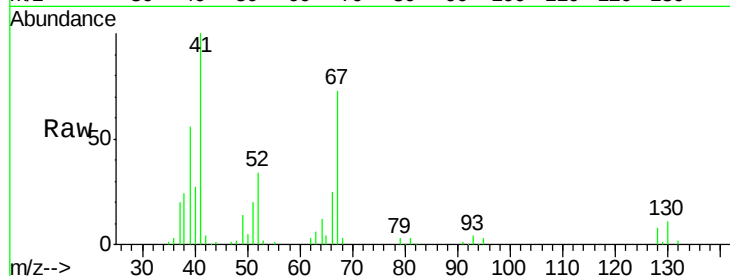
Ion Ratio Lower Upper

41 100

39 58.1 45.7 68.5

67 73.2 57.8 86.8

52 33.6 26.7 40.1

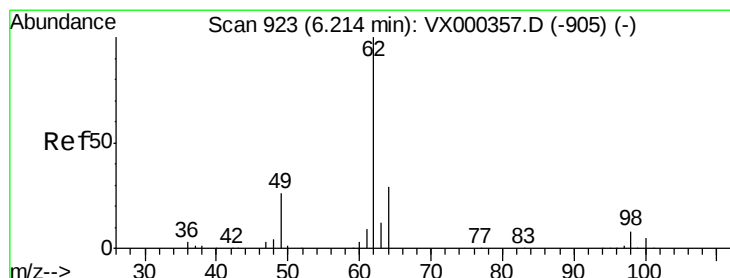
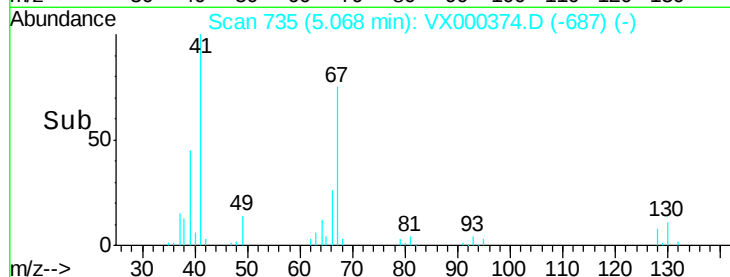
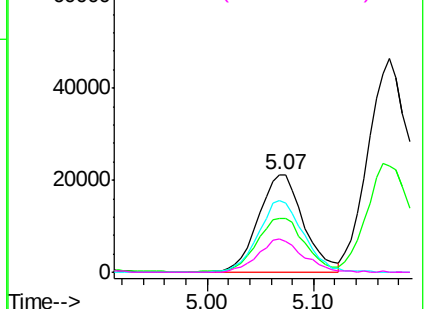


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.42 ug/l

RT: 6.21 min Scan# 922

Delta R.T. -0.01 min

Lab File: VX000374.D

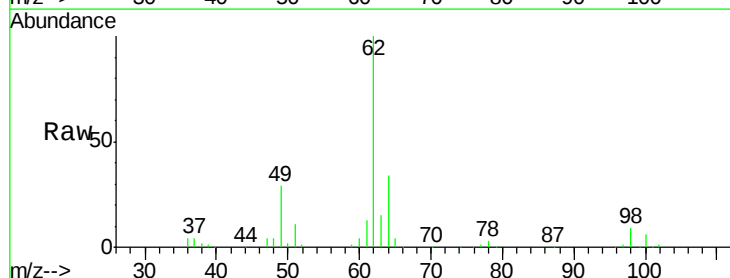
Acq: 21 Mar 2018 10:06

Tgt Ion: 62 Resp: 103412

Ion Ratio Lower Upper

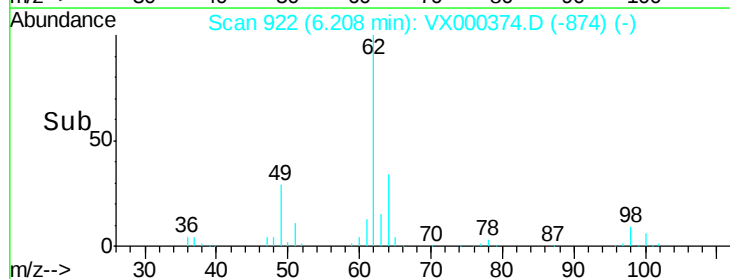
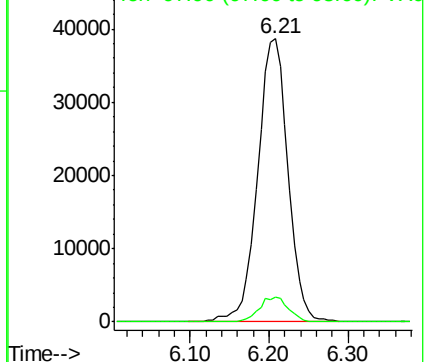
62 100

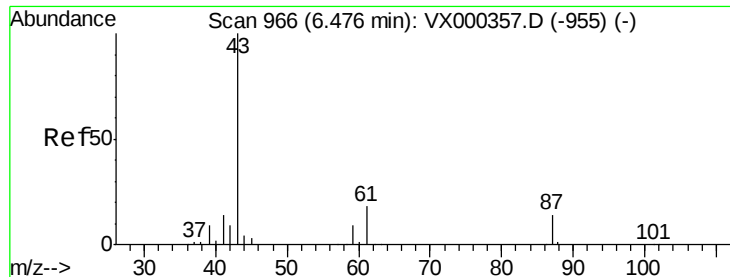
98 8.5 0.0 15.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.99 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

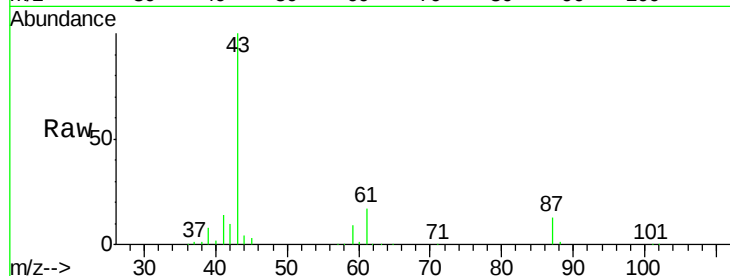
Tgt Ion: 43 Resp: 190408

Ion Ratio Lower Upper

43 100

61 17.6 14.4 21.6

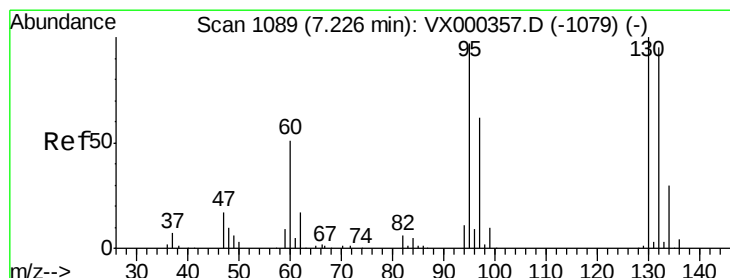
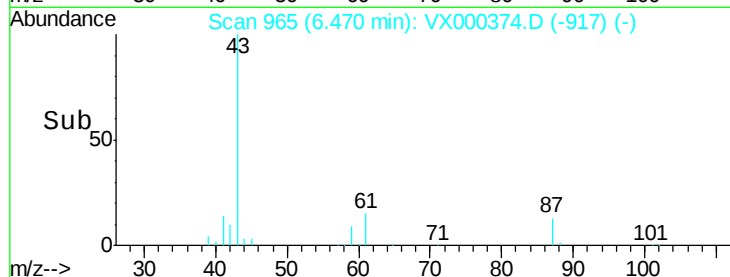
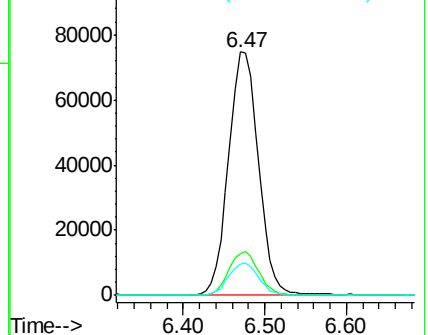
87 13.1 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX000357.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VX000357.D (-955) (-)

Ion 87.00 (86.70 to 87.70): VX000357.D (-955) (-)



#44

Trichloroethene

Concen: 49.19 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VX000374.D

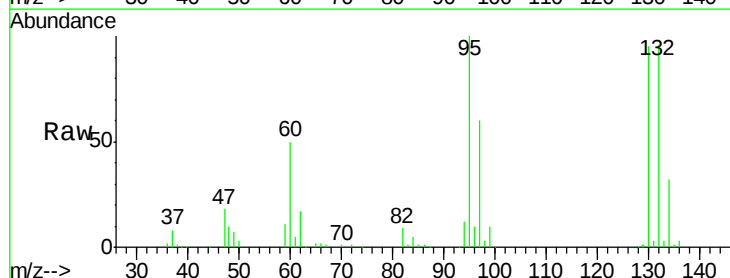
Acq: 21 Mar 2018 10:06

Tgt Ion: 130 Resp: 75152

Ion Ratio Lower Upper

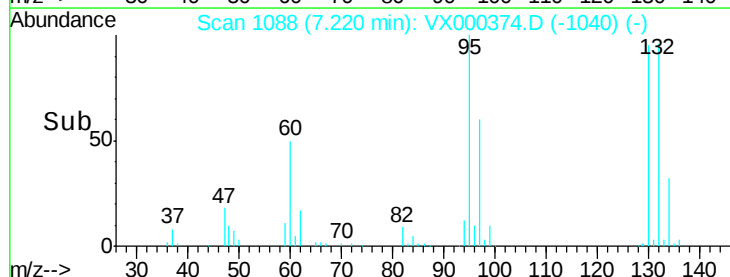
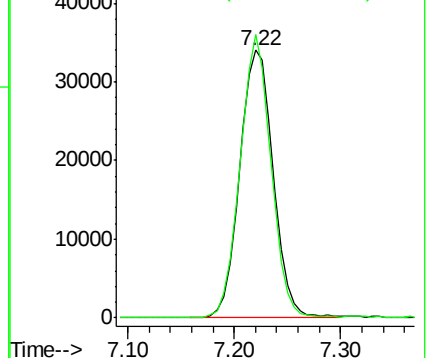
130 100

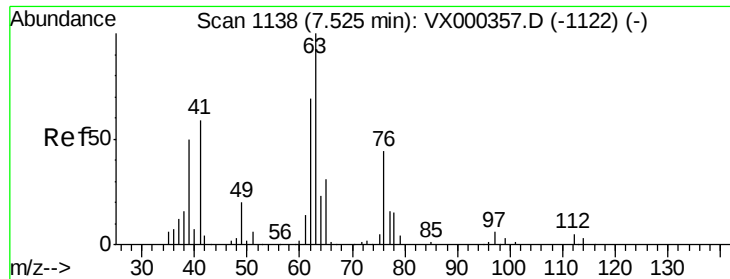
95 105.7 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): VX000357.D (-1079) (-)

Ion 94.90 (94.60 to 95.60): VX000357.D (-1079) (-)

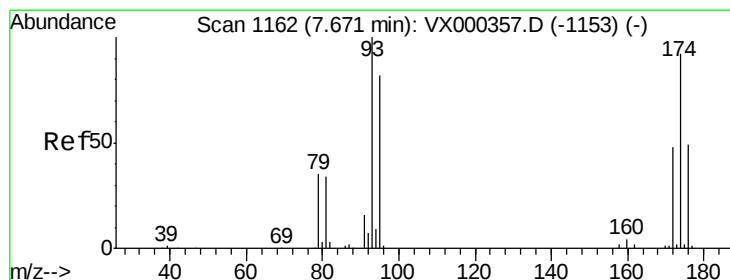
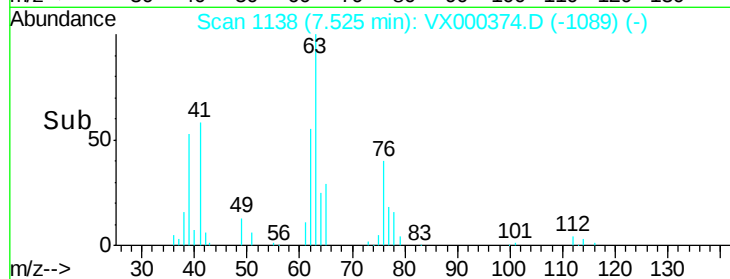
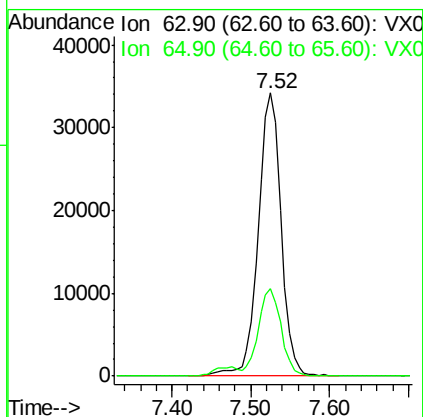
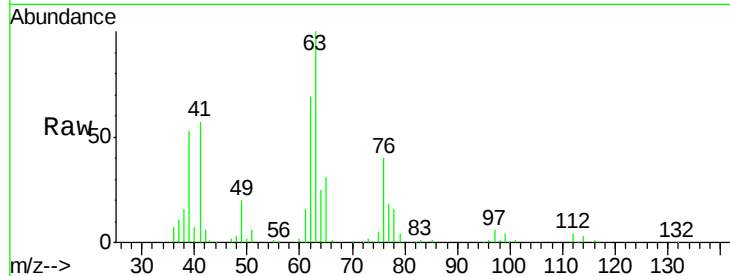




#45
 1,2-Dichloropropane
 Concen: 50.47 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

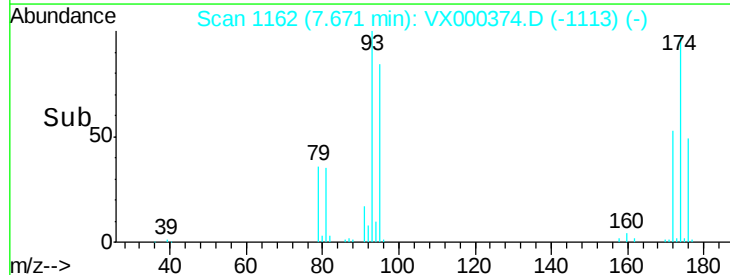
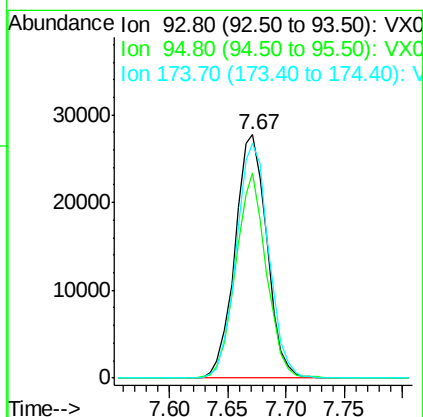
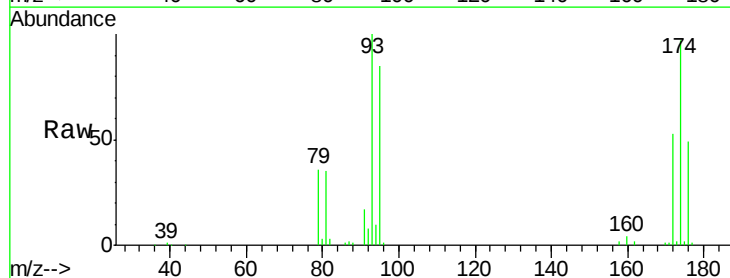
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

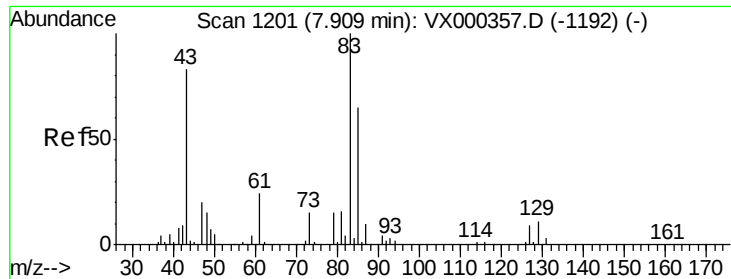
Tgt Ion: 63 Resp: 68896
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.6 36.8



#46
 Dibromomethane
 Concen: 49.31 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Tgt Ion: 93 Resp: 52836
 Ion Ratio Lower Upper
 93 100
 95 80.7 66.5 99.7
 174 98.1 76.0 114.0





#47

Bromodichloromethane

Concen: 52.50 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

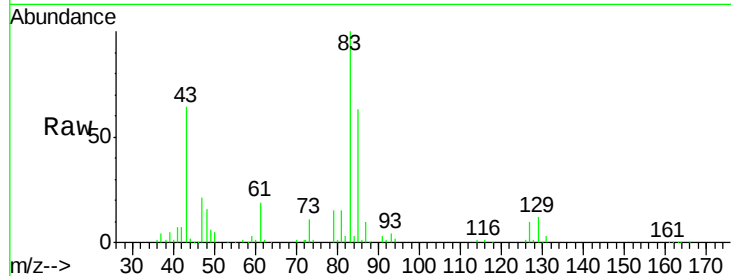
Tgt Ion: 83 Resp: 98965

Ion Ratio Lower Upper

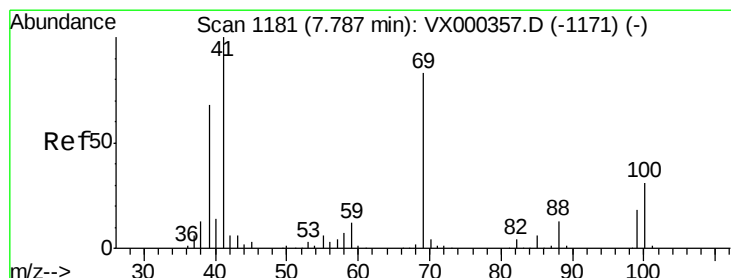
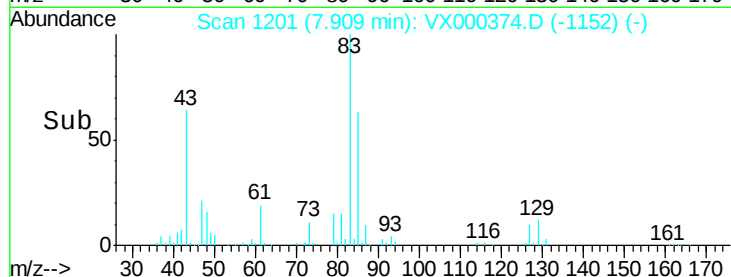
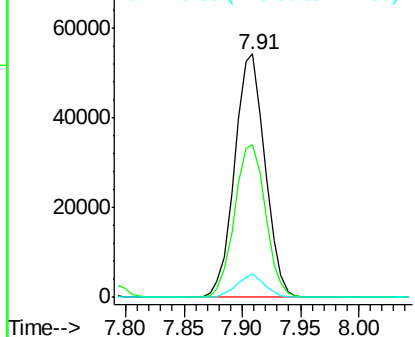
83 100

85 62.7 51.4 77.0

127 9.5 7.0 10.6



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: 51.30 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

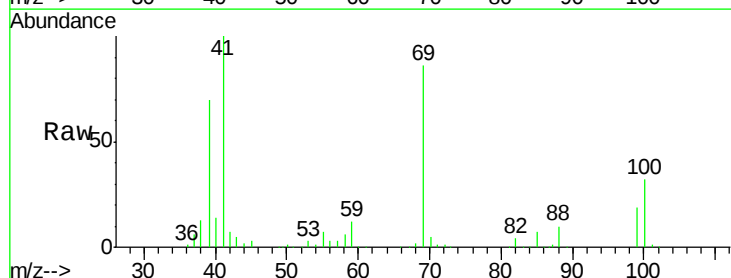
Tgt Ion: 41 Resp: 92998

Ion Ratio Lower Upper

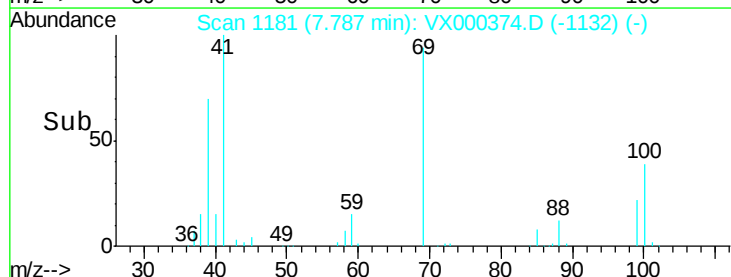
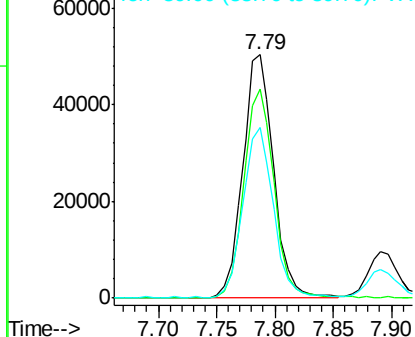
41 100

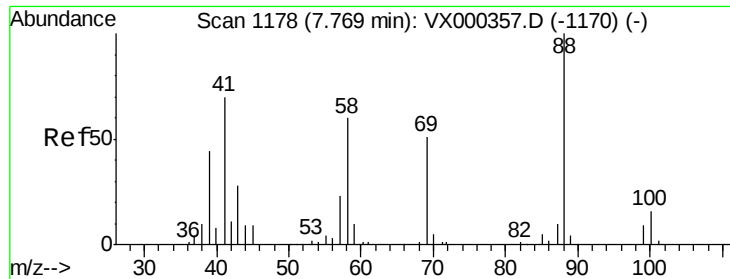
69 84.5 68.2 102.4

39 68.8 54.6 81.8



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

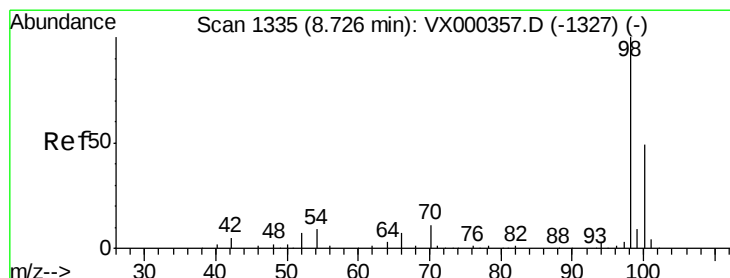
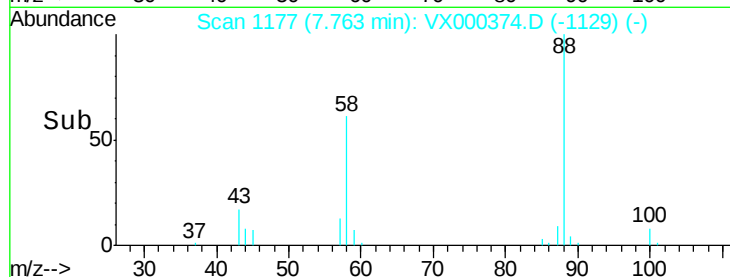
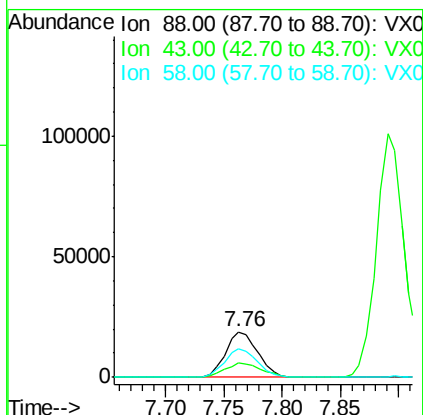
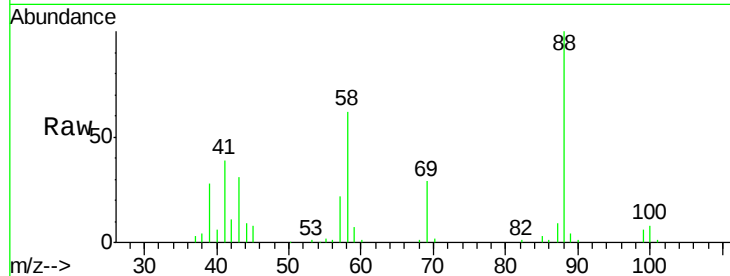




#49
1,4-Dioxane
Concen: 951.10 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

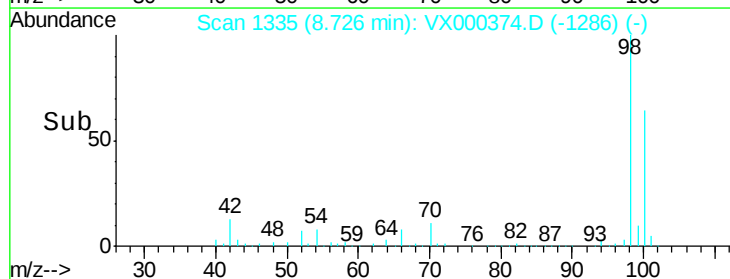
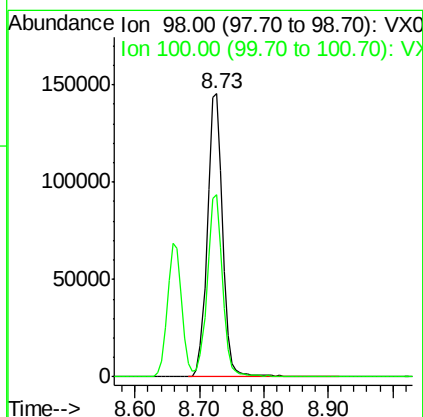
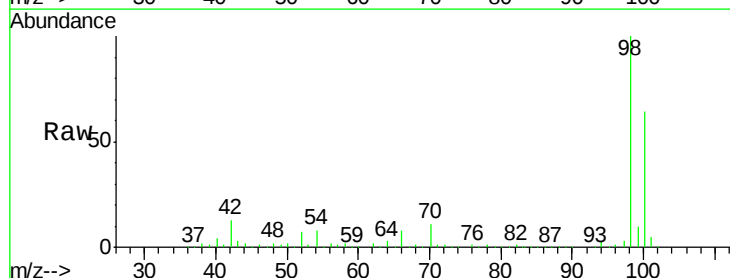
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 36242
Ion Ratio Lower Upper
88 100
43 35.9 26.8 40.2
58 64.0 52.2 78.2



#50
Toluene-d8
Concen: 47.10 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

Tgt Ion: 98 Resp: 240951
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8

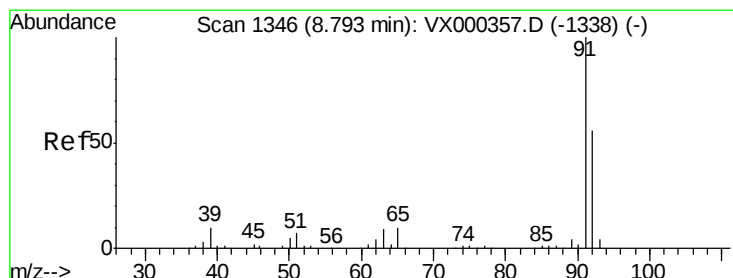
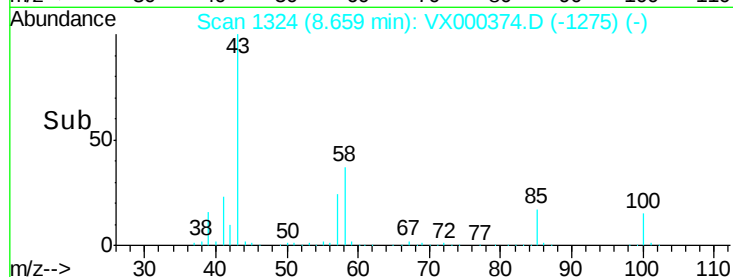
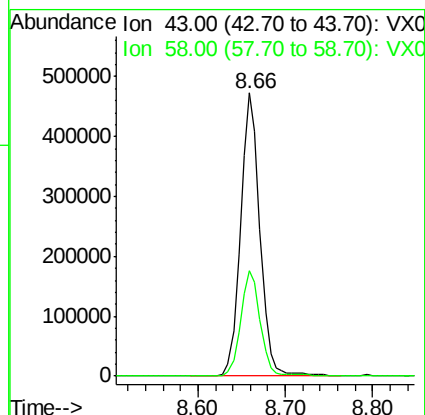
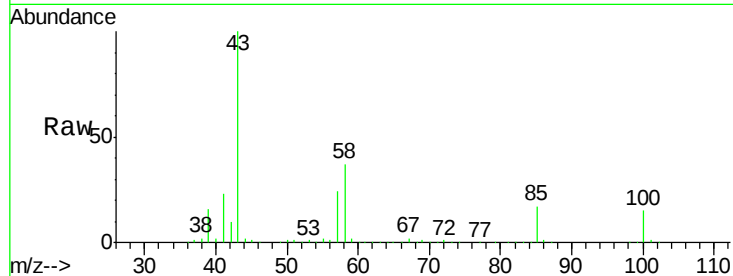




#51
 4-Methyl-2-Pentanone
 Concen: 253.55 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

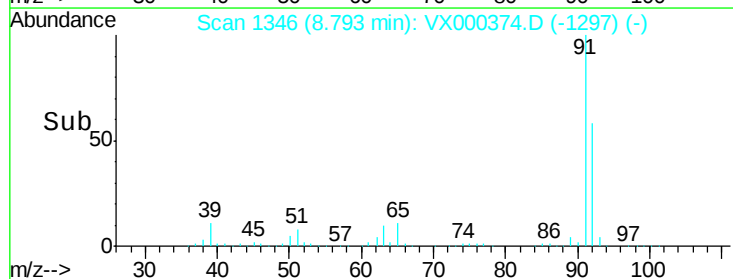
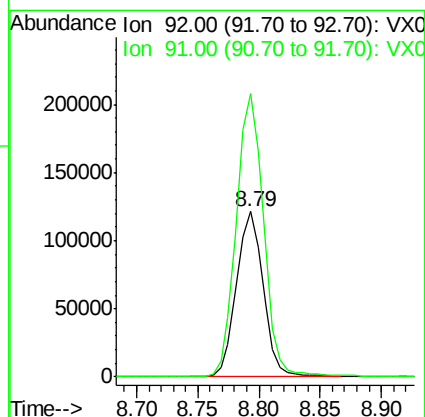
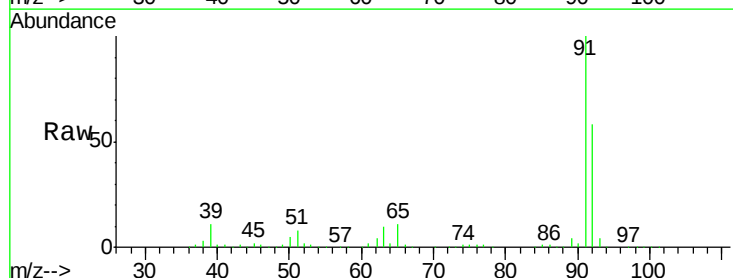
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

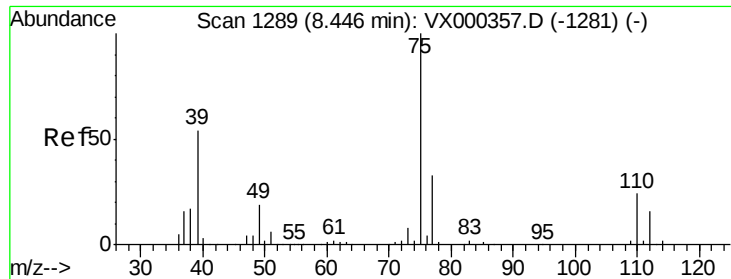
Tgt Ion: 43 Resp: 732836
 Ion Ratio Lower Upper
 43 100
 58 37.8 30.3 45.5



#52
 Toluene
 Concen: 49.47 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Tgt Ion: 92 Resp: 184436
 Ion Ratio Lower Upper
 92 100
 91 174.6 140.2 210.2

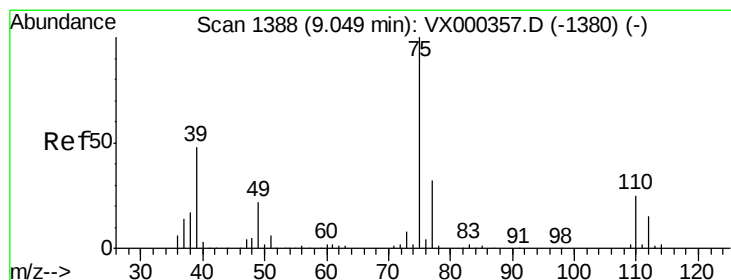
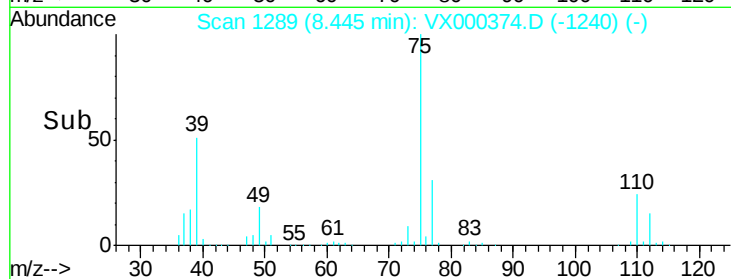
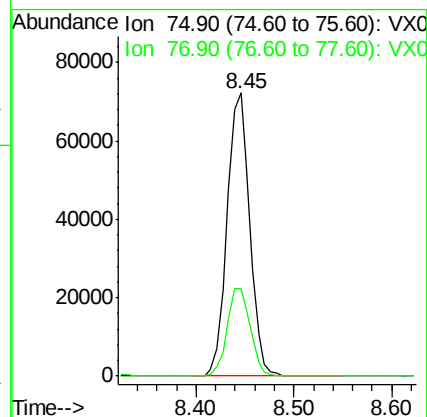
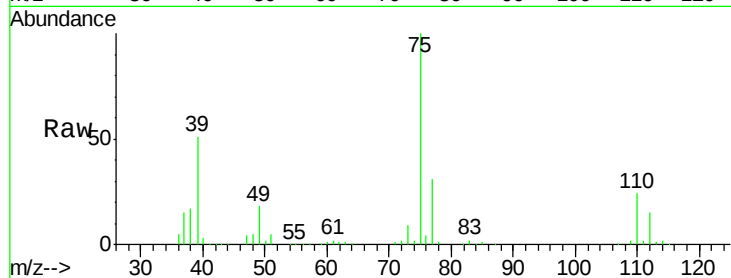




#53
 t-1,3-Dichloropropene
 Concen: 52.97 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

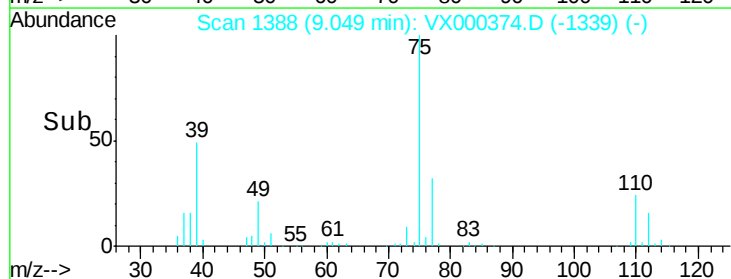
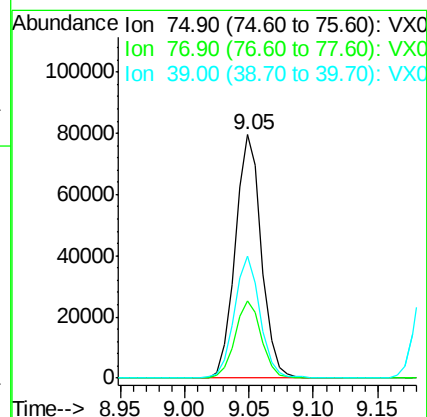
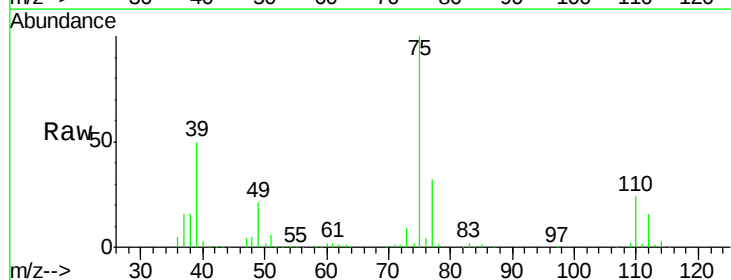
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 75 Resp: 115707
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 53.16 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Tgt Ion: 75 Resp: 112640
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.1 39.1
 39 49.9 39.8 59.6

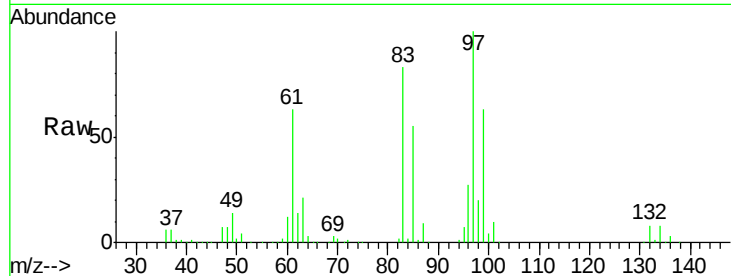




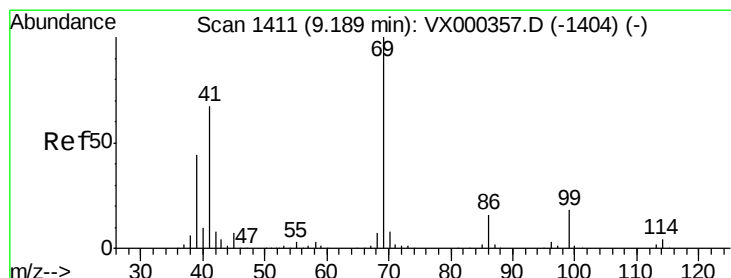
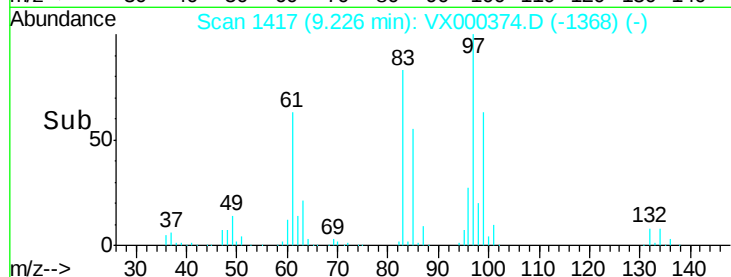
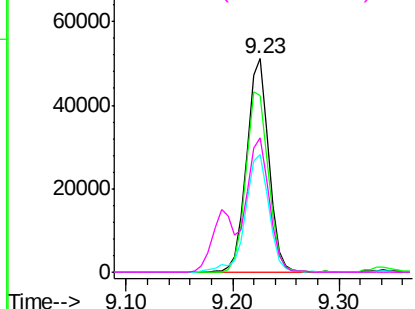
#55
 1,1,2-Trichloroethane
 Concen: 48.75 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 74745
 Ion Ratio Lower Upper
 97 100
 83 82.8 67.9 101.9
 85 55.4 42.8 64.2
 99 63.0 49.4 74.2

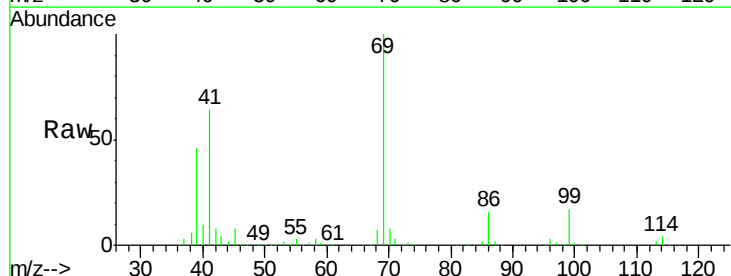


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

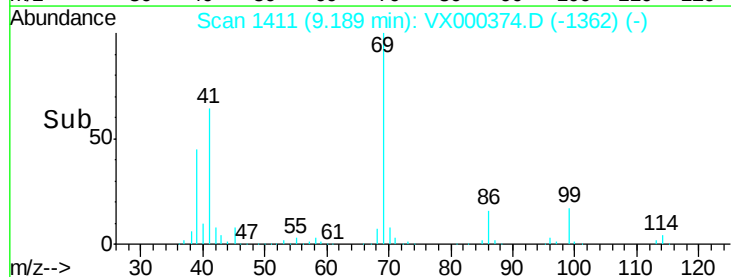
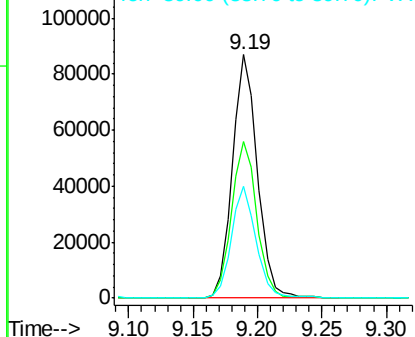


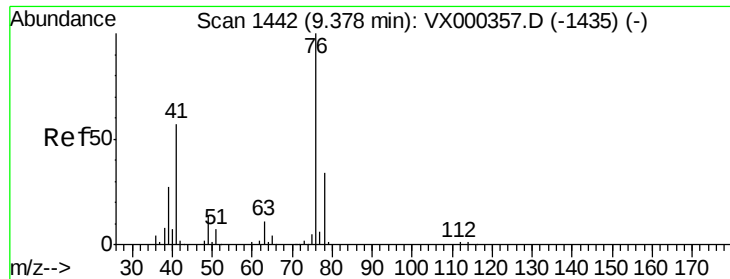
#56
 Ethyl methacrylate
 Concen: 50.88 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Tgt Ion: 69 Resp: 118217
 Ion Ratio Lower Upper
 69 100
 41 65.2 53.0 79.6
 39 45.0 35.3 52.9



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





#57

1,3-Dichloropropane

Concen: 51.32 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

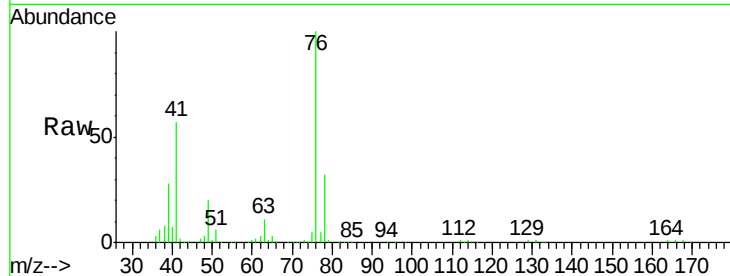
VSTDCCC050

Tgt Ion: 76 Resp: 125855

Ion Ratio Lower Upper

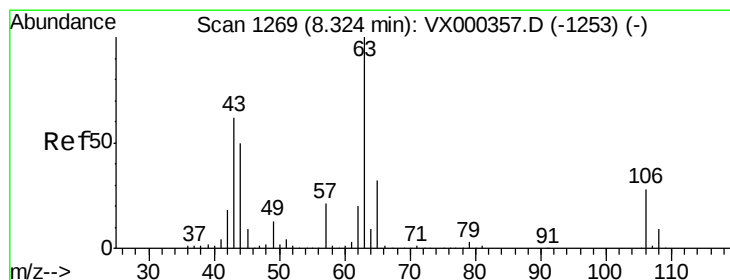
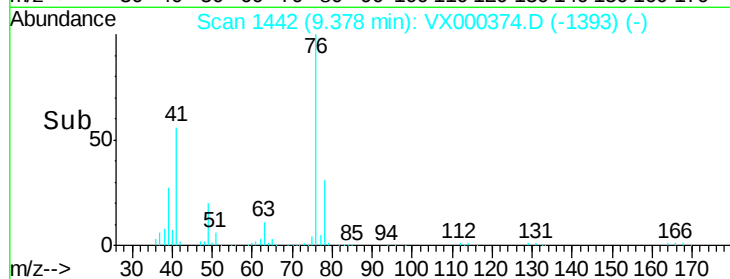
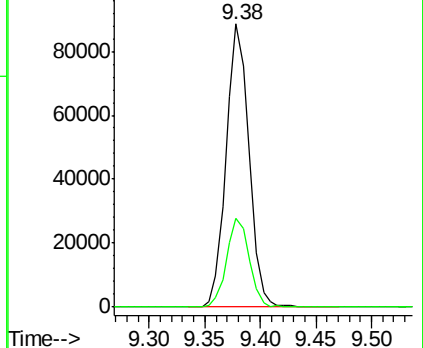
76 100

78 31.3 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 264.53 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000374.D

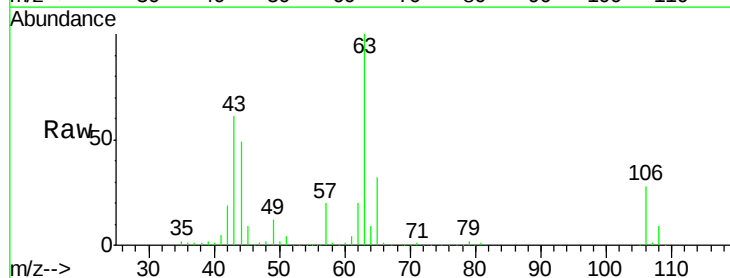
Acq: 21 Mar 2018 10:06

Tgt Ion: 63 Resp: 294963

Ion Ratio Lower Upper

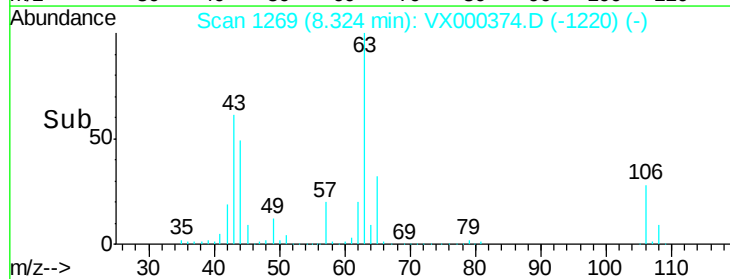
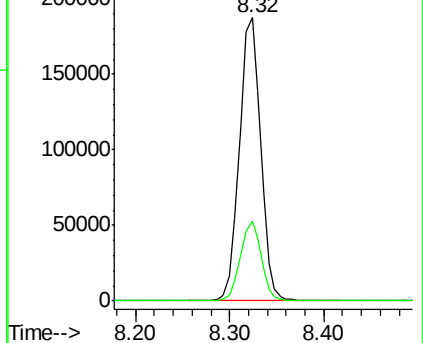
63 100

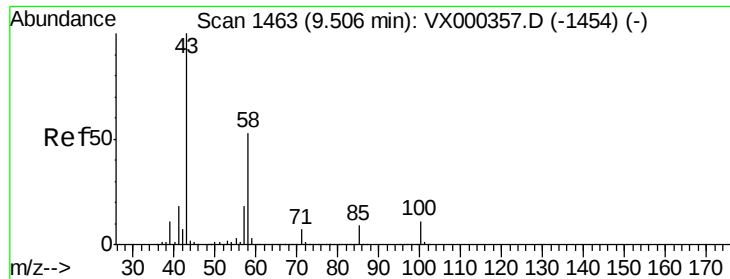
106 27.7 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

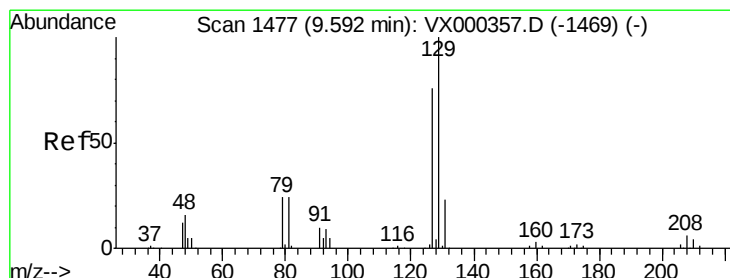
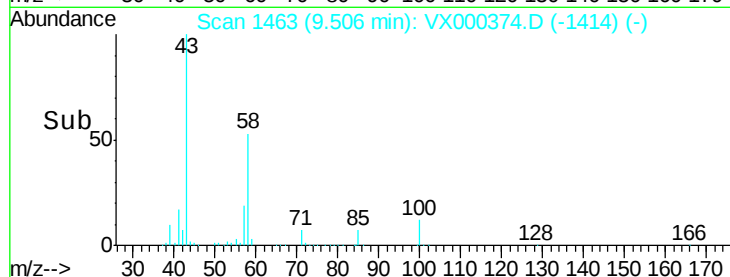
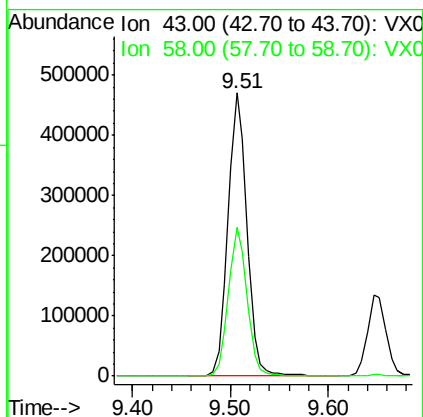
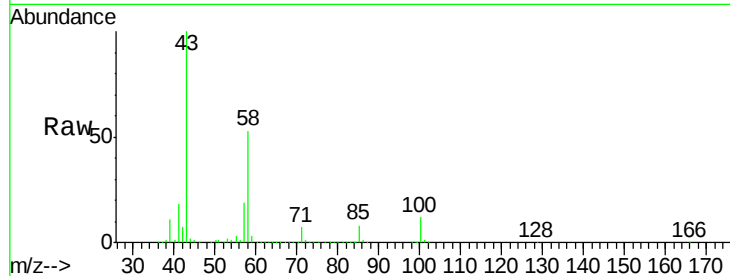




#59
2-Hexanone
Concen: 257.30 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

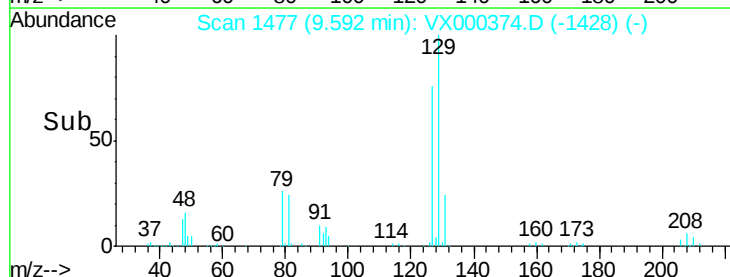
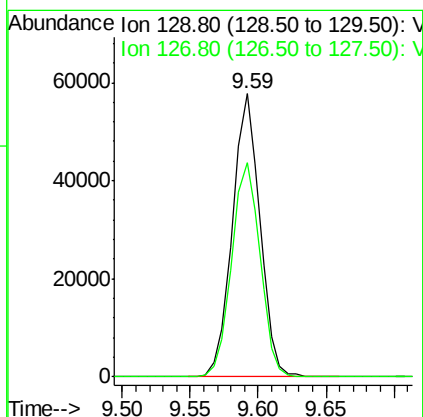
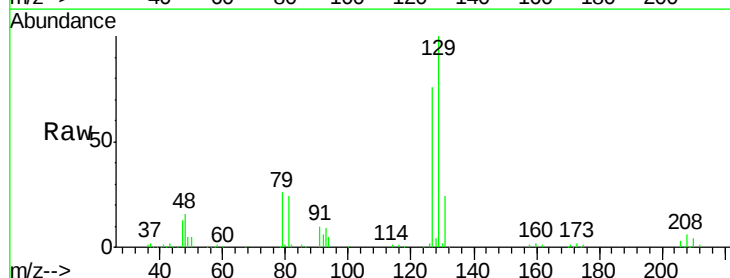
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

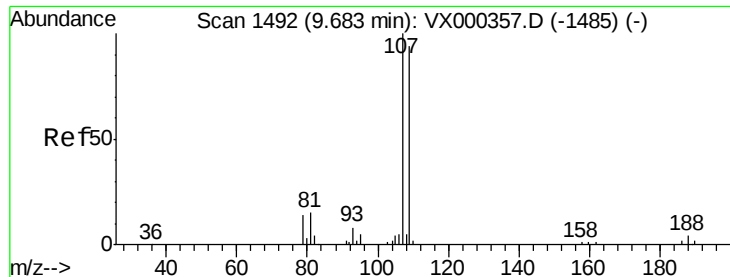
Tgt Ion: 43 Resp: 631454
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.7



#60
Dibromochloromethane
Concen: 45.29 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

Tgt Ion: 129 Resp: 81408
Ion Ratio Lower Upper
129 100
127 77.9 37.9 113.6





#61

1,2-Dibromoethane

Concen: 50.15 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

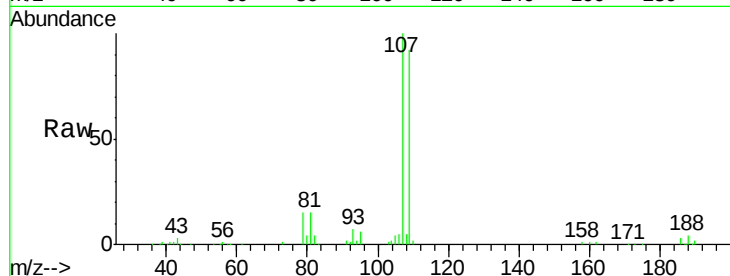
VSTDCCC050

Tgt Ion: 107 Resp: 82454

Ion Ratio Lower Upper

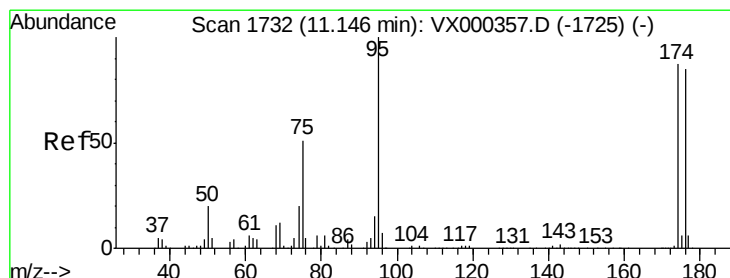
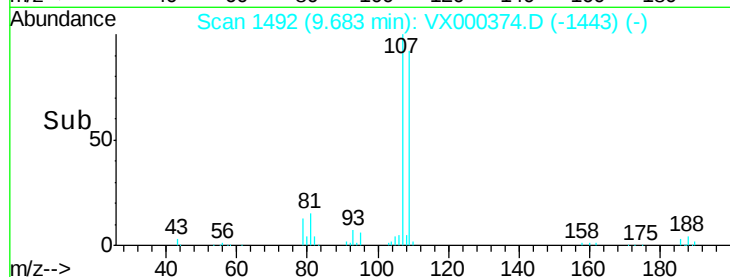
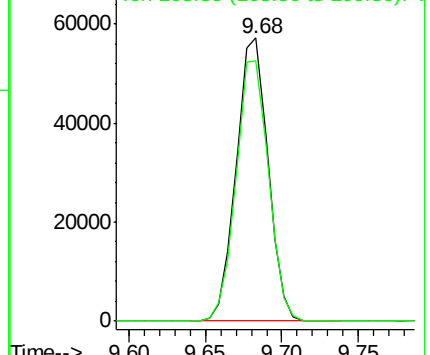
107 100

109 94.5 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.92 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

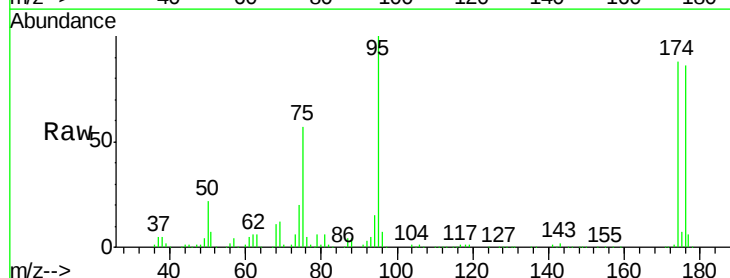
Tgt Ion: 95 Resp: 93114

Ion Ratio Lower Upper

95 100

174 89.6 0.0 173.6

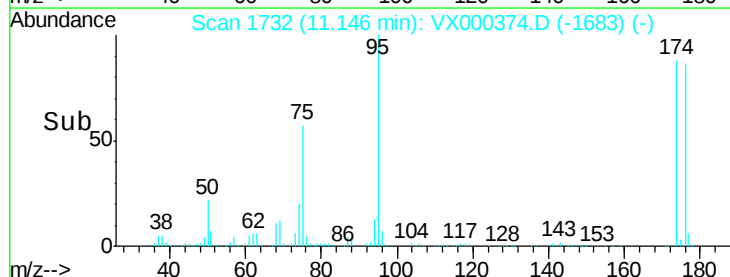
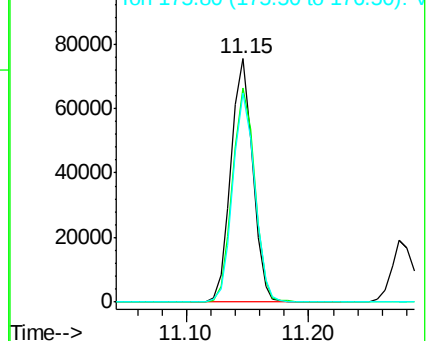
176 85.9 0.0 164.6

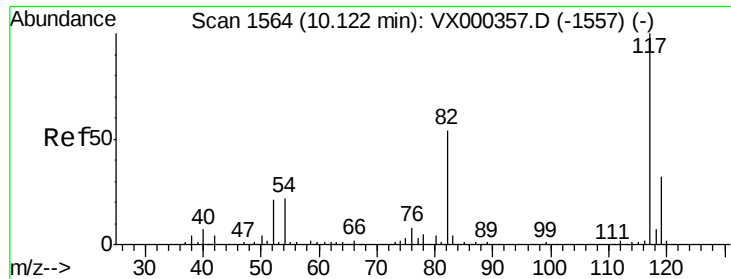


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

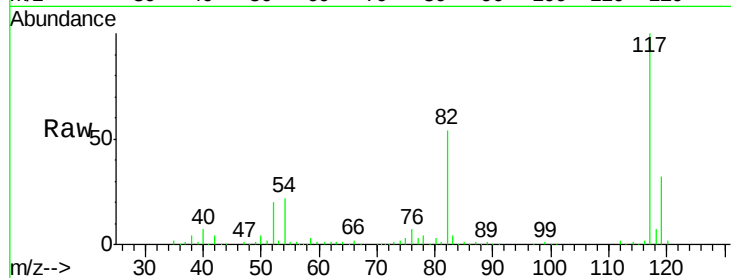




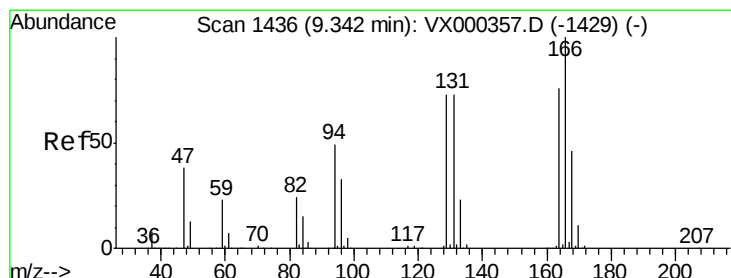
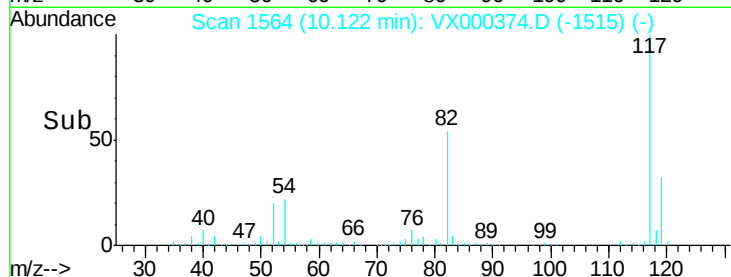
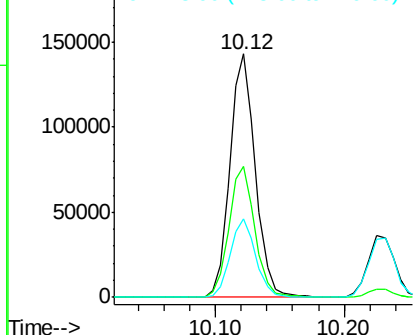
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 197154
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.8
119 32.4 24.9 37.3

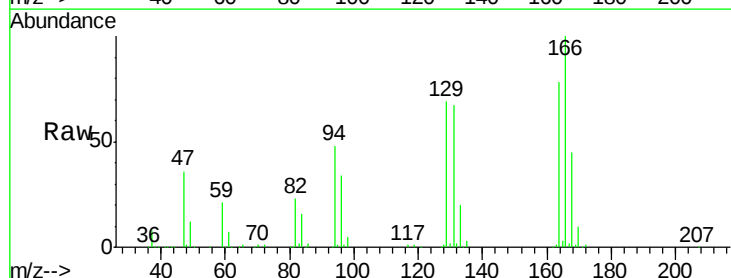


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

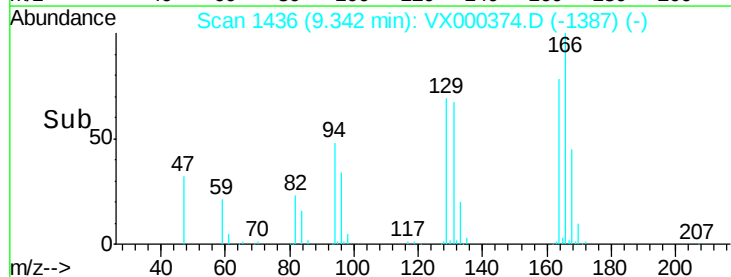
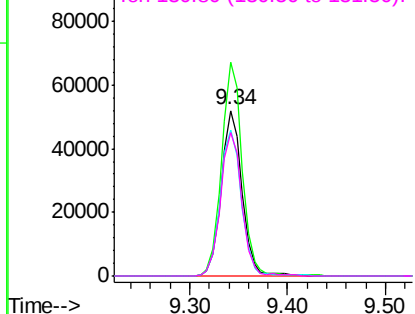


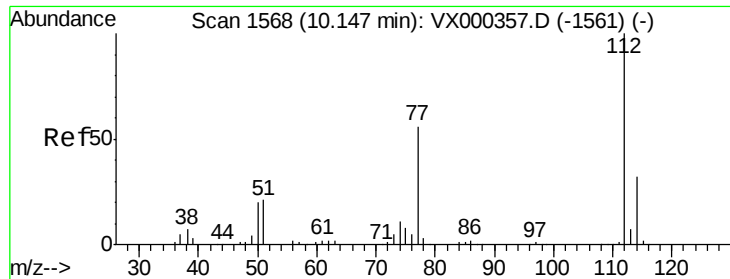
#64
Tetrachloroethene
Concen: 50.18 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

Tgt Ion:164 Resp: 76764
Ion Ratio Lower Upper
164 100
166 128.9 101.0 151.6
129 88.4 79.0 118.4
131 86.2 71.9 107.9



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

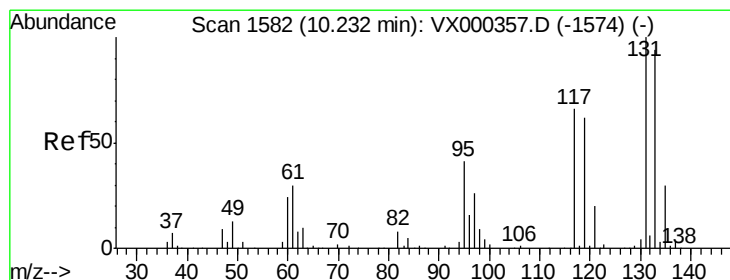
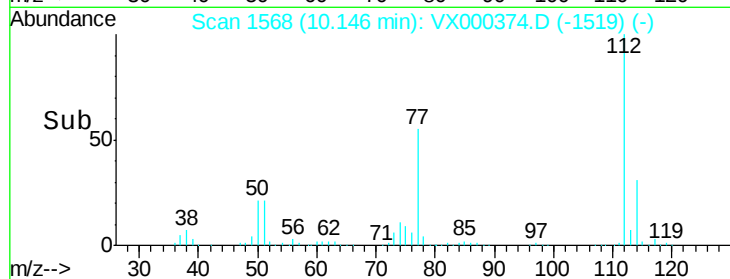
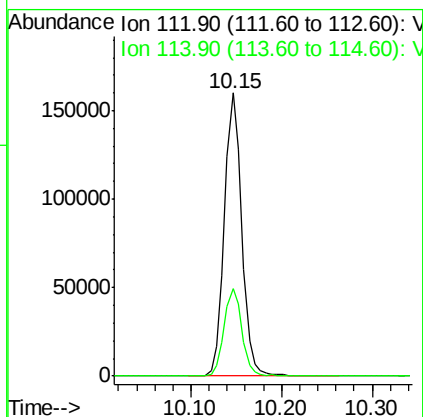
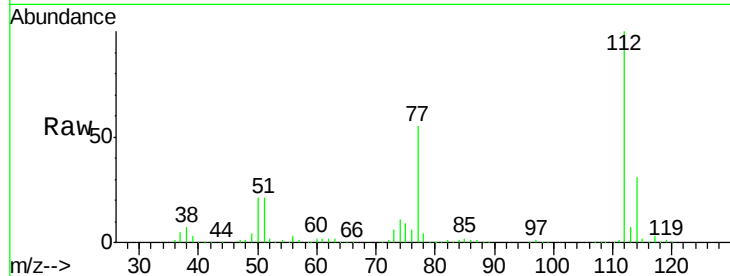




#65
Chlorobenzene
Concen: 48.93 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

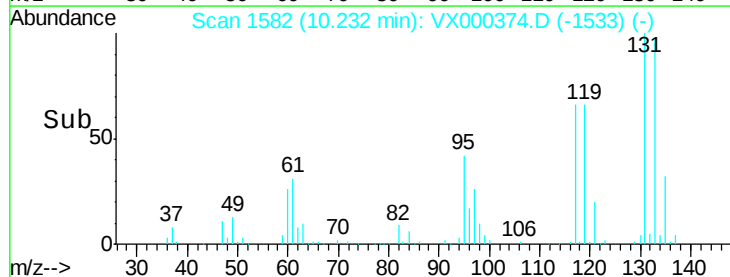
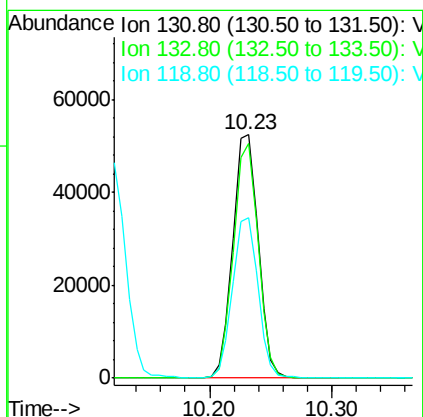
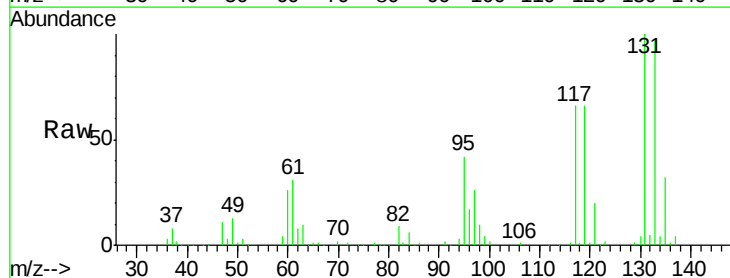
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

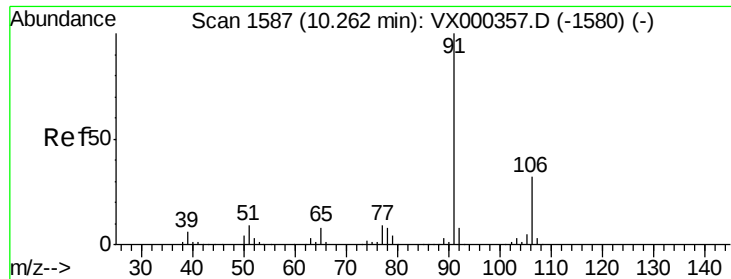
Tgt Ion:112 Resp: 214684
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 50.57 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

Tgt Ion:131 Resp: 75353
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.3
119 66.1 33.1 99.2

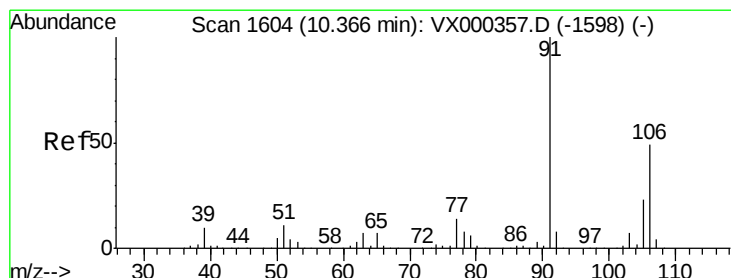
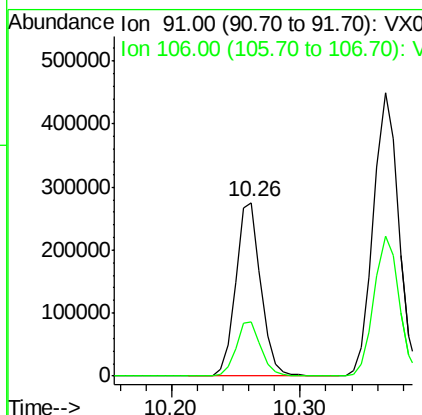
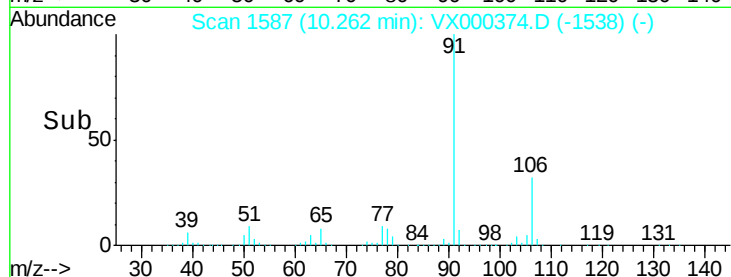
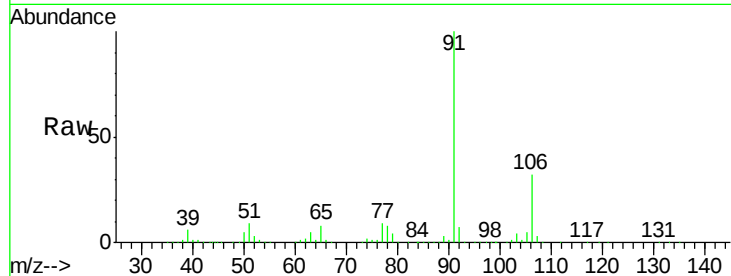




#67
Ethyl Benzene
Concen: 50.13 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

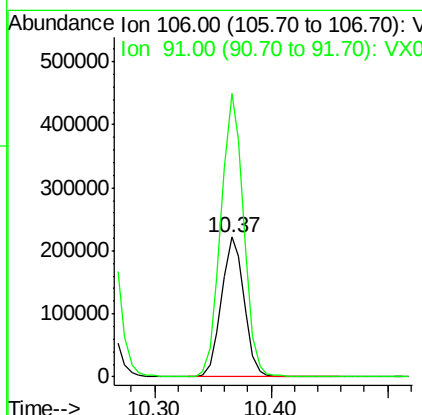
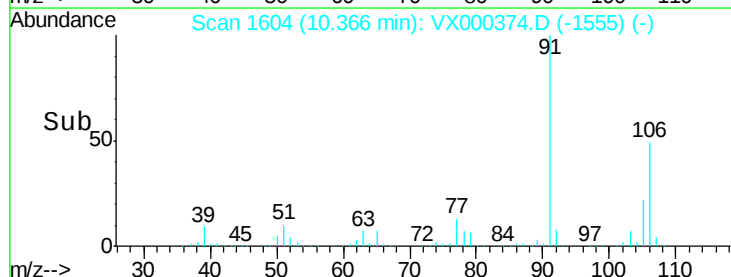
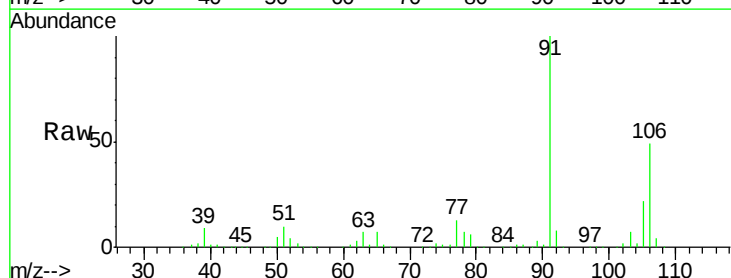
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 372842
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6



#68
m/p-Xylenes
Concen: 101.56 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

Tgt Ion: 106 Resp: 297229
Ion Ratio Lower Upper
106 100
91 203.1 163.4 245.2

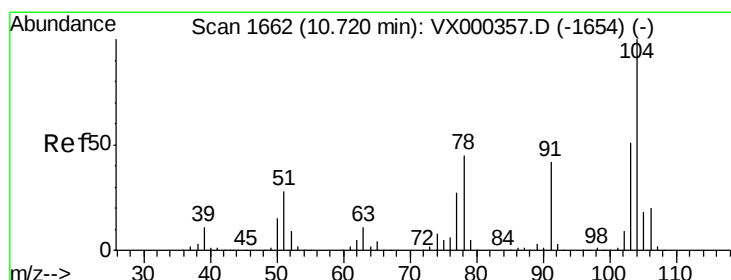
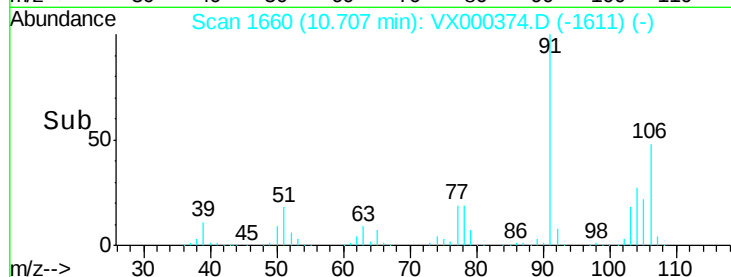
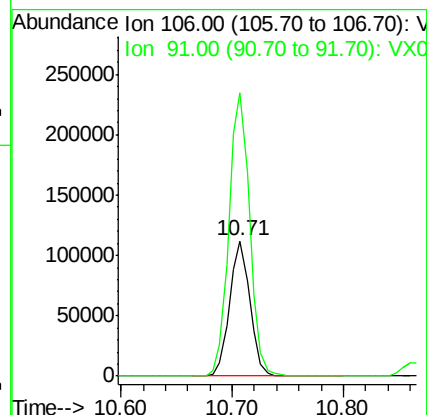
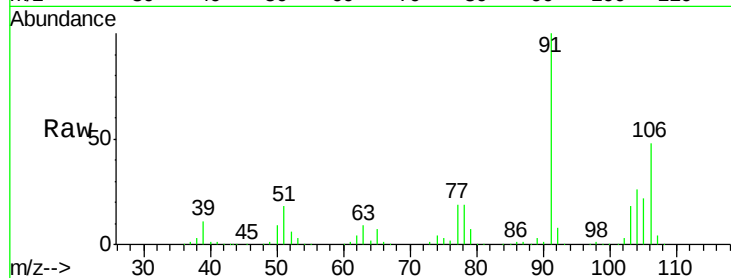




#69
o-Xylene
Concen: 49.95 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

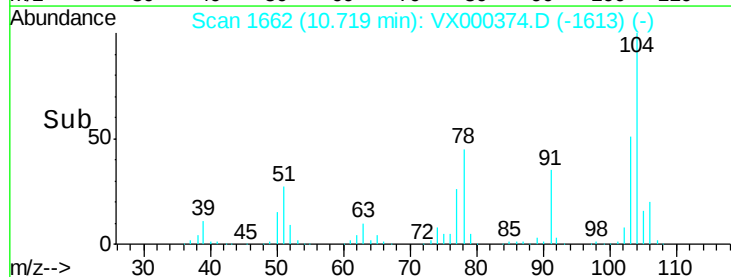
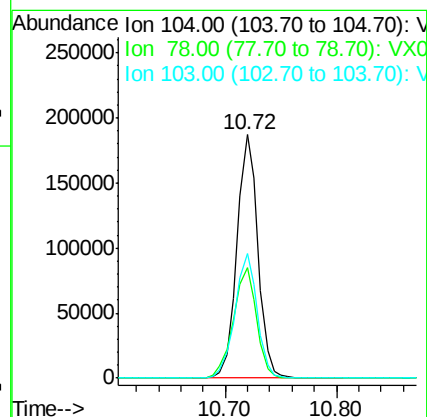
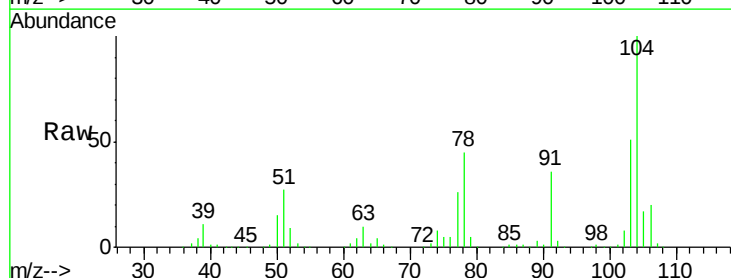
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

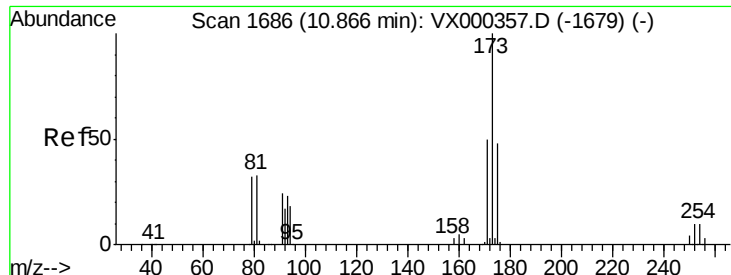
Tgt Ion:106 Resp: 141559
Ion Ratio Lower Upper
106 100
91 213.4 106.5 319.6



#70
Styrene
Concen: 51.88 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

Tgt Ion:104 Resp: 243260
Ion Ratio Lower Upper
104 100
78 50.4 40.5 60.7
103 54.6 45.7 68.5





#71

Bromoform

Concen: 44.26 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

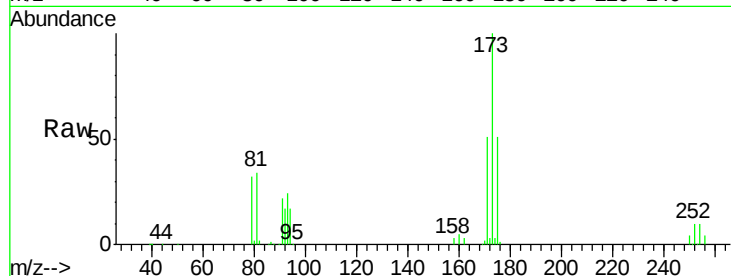
Tgt Ion:173 Resp: 67778

Ion Ratio Lower Upper

173 100

175 48.2 25.4 76.4

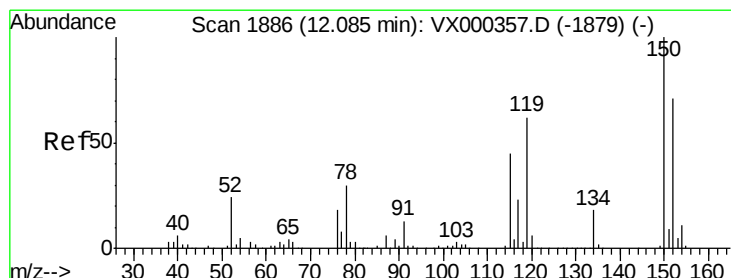
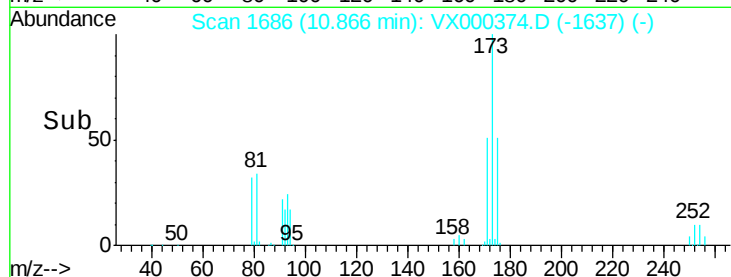
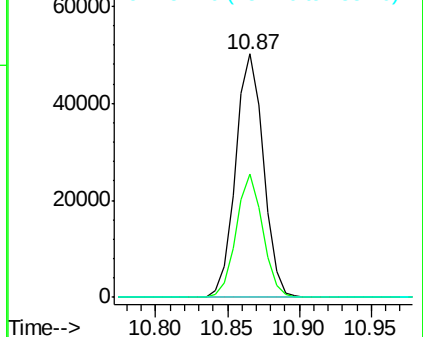
254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

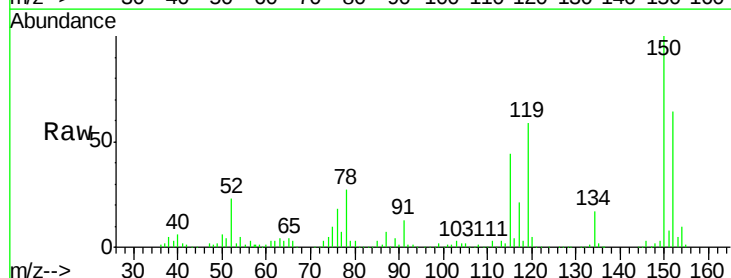
Tgt Ion:152 Resp: 124852

Ion Ratio Lower Upper

152 100

115 80.9 39.8 119.3

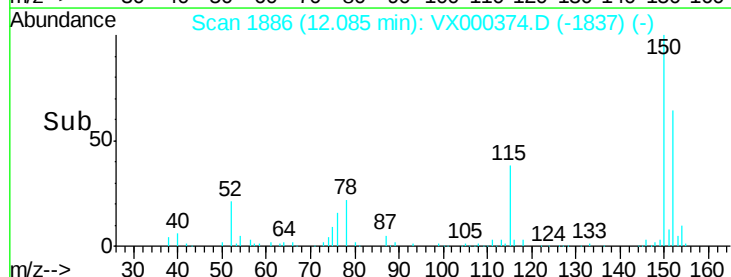
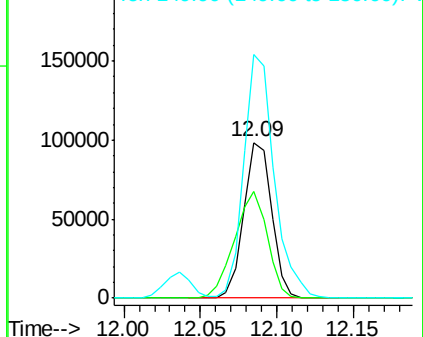
150 170.7 0.0 344.4

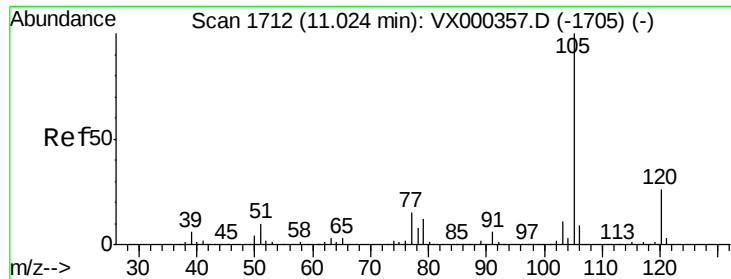


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.75 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

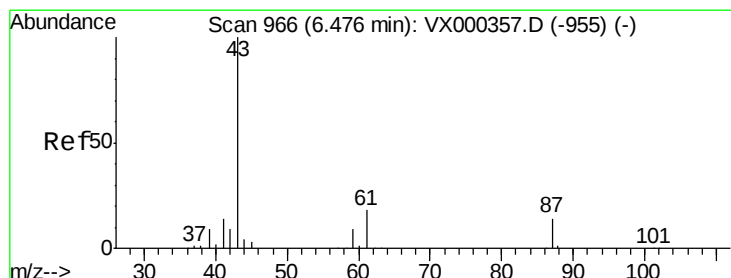
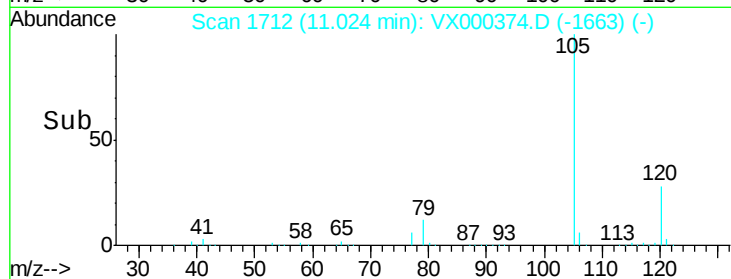
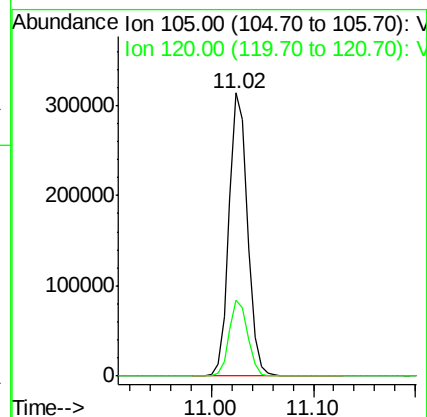
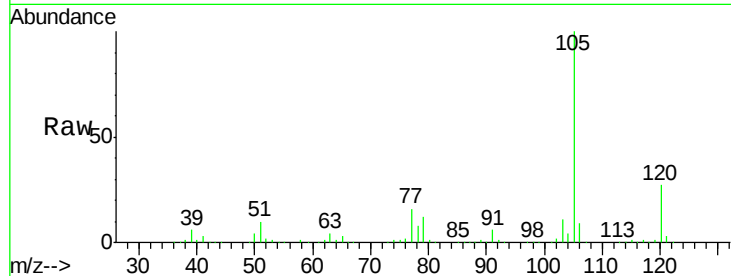
VSTDCCC050

Tgt Ion:105 Resp: 394965

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#74

N-ethyl acetate

Concen: 53.01 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Tgt Ion: 43 Resp: 190408

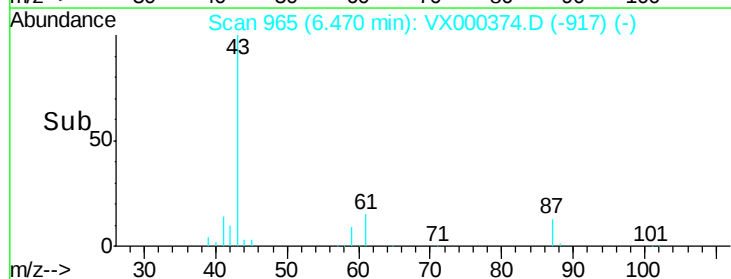
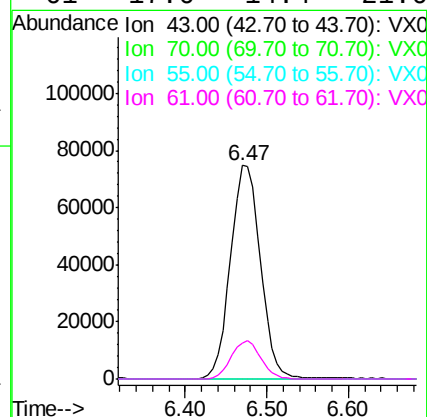
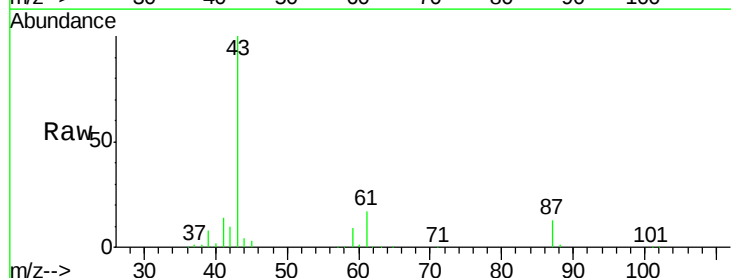
Ion Ratio Lower Upper

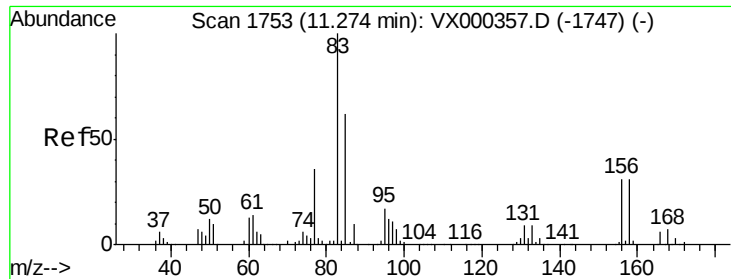
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 17.6 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.55 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

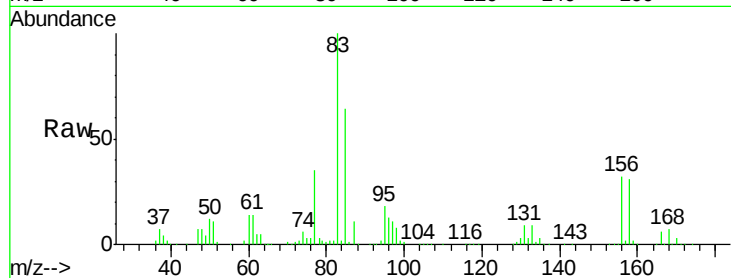
Tgt Ion: 83 Resp: 139116

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

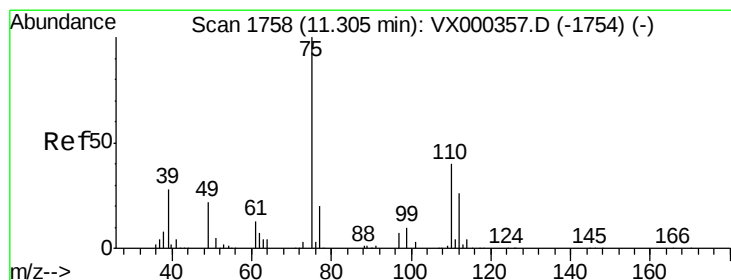
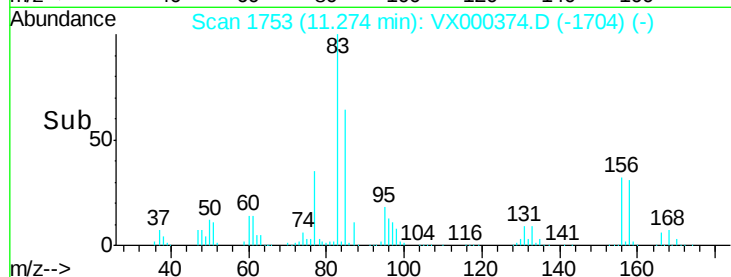
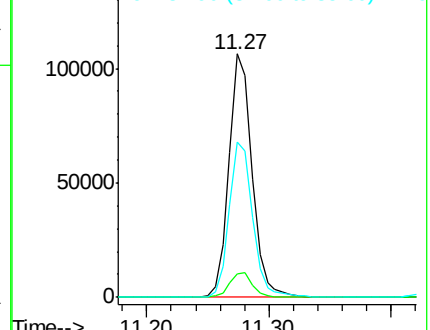
85 65.1 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.27 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000374.D

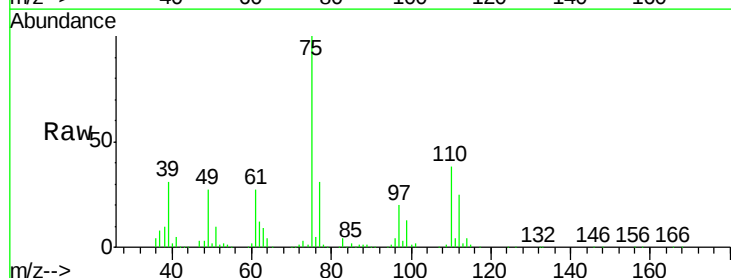
Acq: 21 Mar 2018 10:06

Tgt Ion: 75 Resp: 167073

Ion Ratio Lower Upper

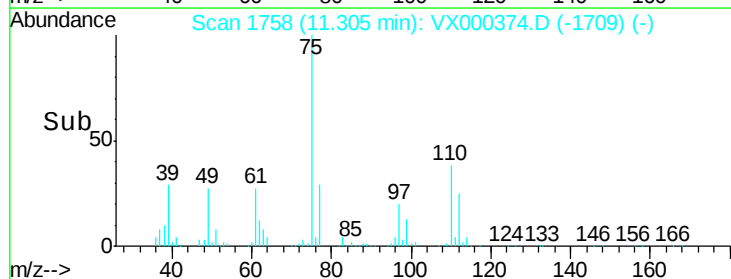
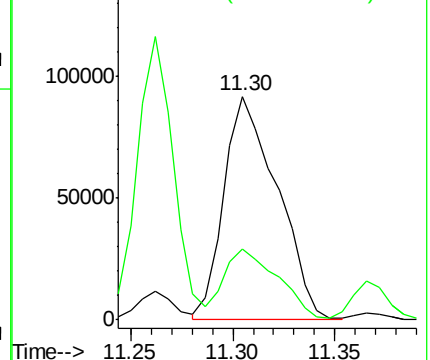
75 100

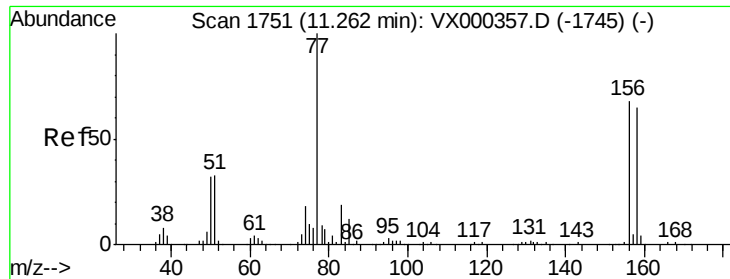
77 31.9 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.37 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

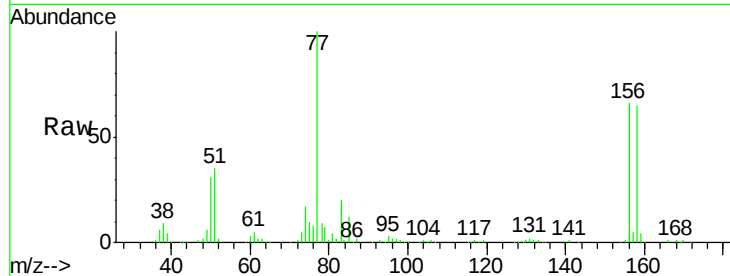
Tgt Ion:156 Resp: 97770

Ion Ratio Lower Upper

156 100

77 148.1 73.4 220.2

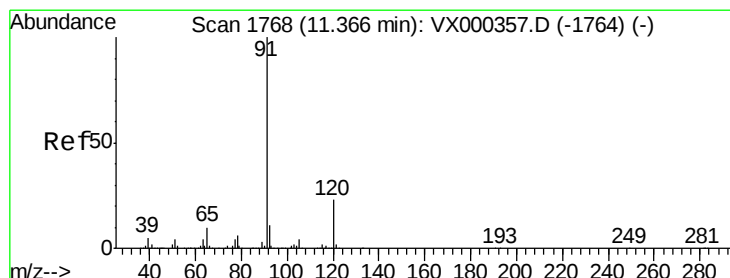
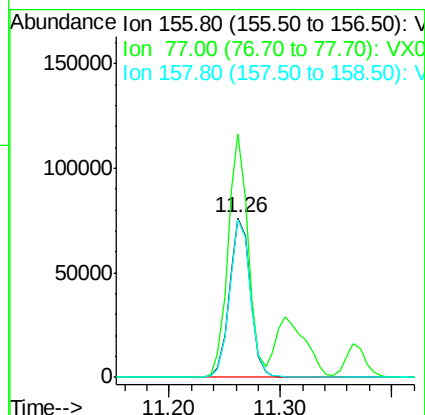
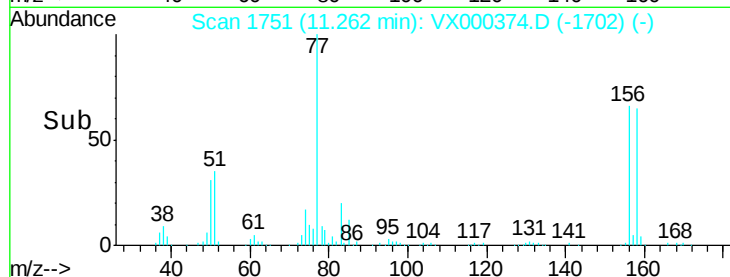
158 98.5 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.99 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000374.D

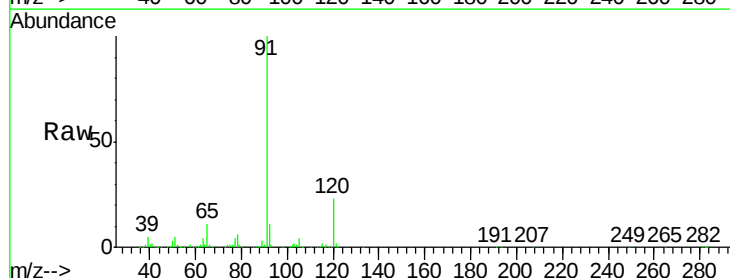
Acq: 21 Mar 2018 10:06

Tgt Ion: 91 Resp: 473381

Ion Ratio Lower Upper

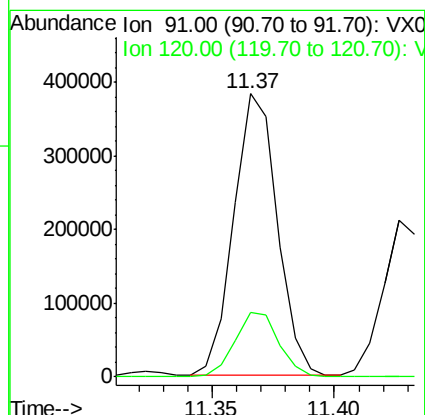
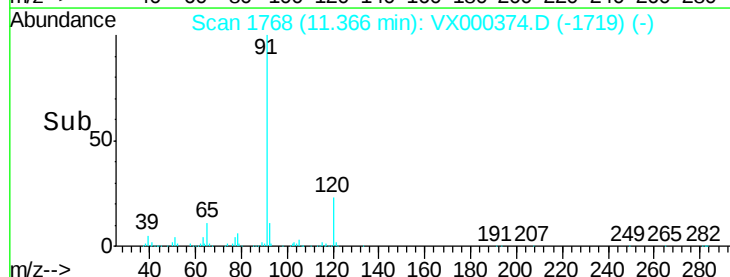
91 100

120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

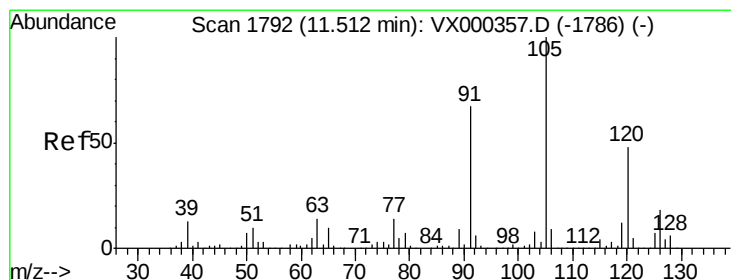
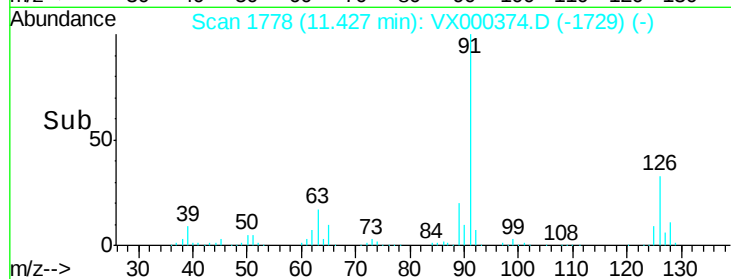
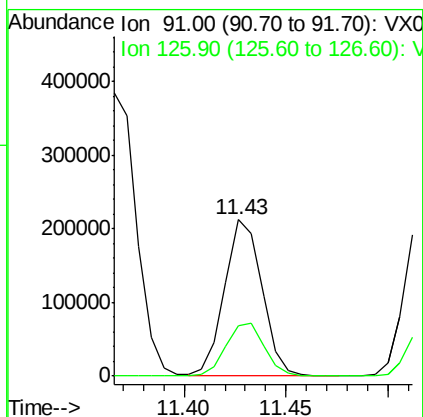
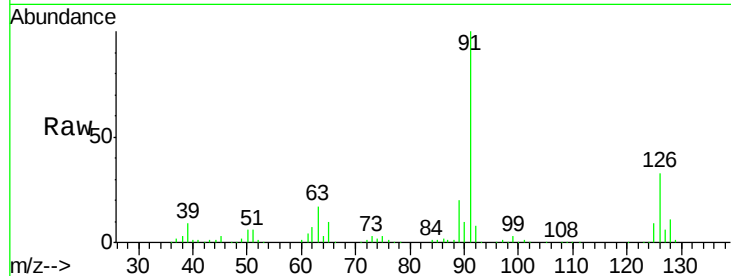




#79
 2-Chlorotoluene
 Concen: 47.02 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

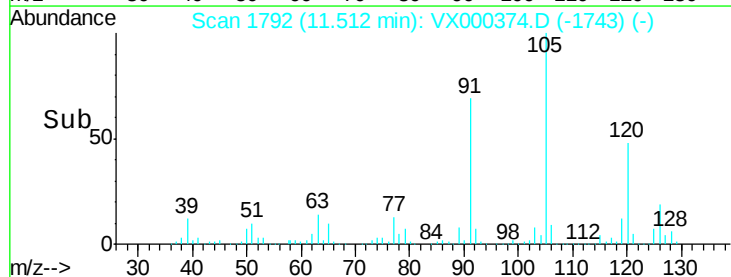
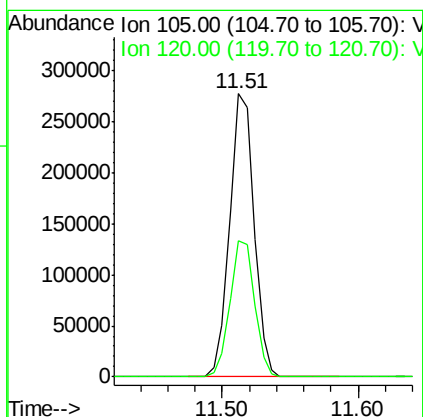
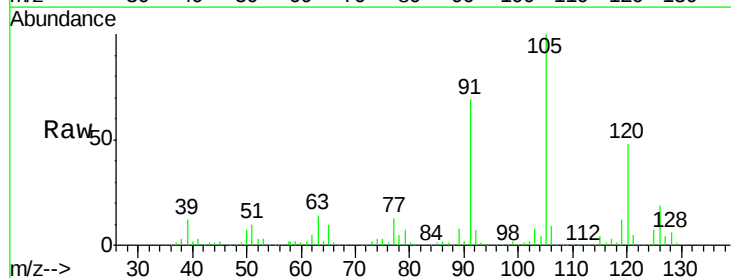
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

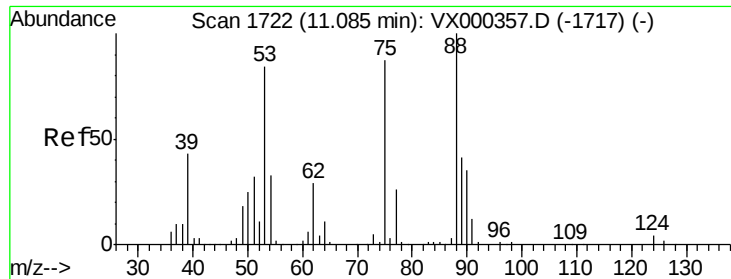
Tgt Ion: 91 Resp: 267930
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 49.89 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Tgt Ion: 105 Resp: 347012
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.1 72.4

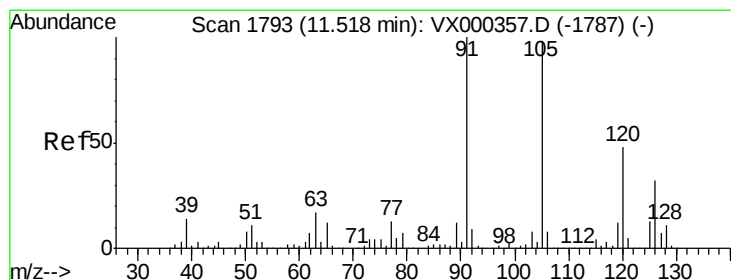
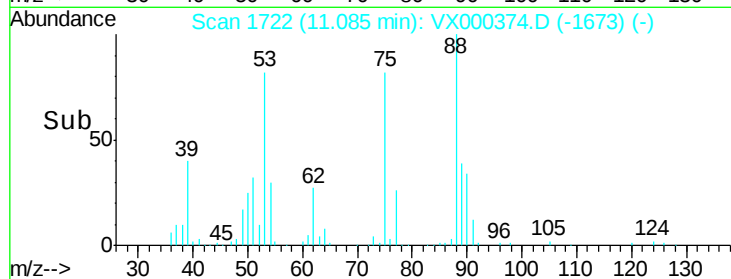
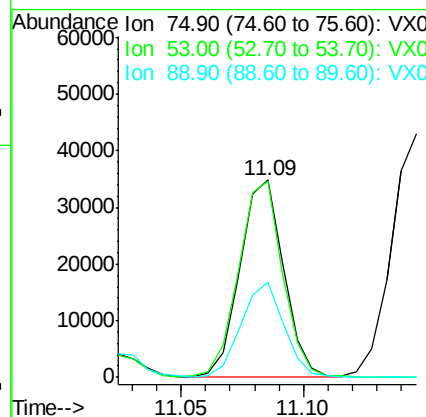
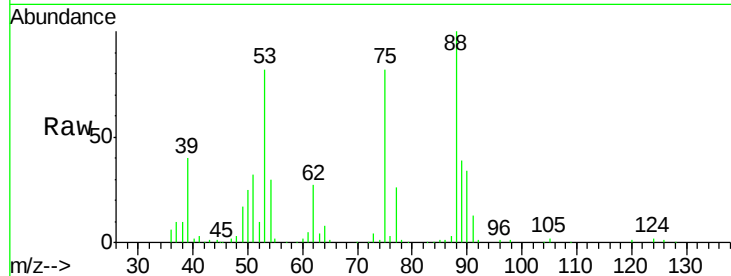




#81
trans-1,4-Dichloro-2-butene
Concen: 51.72 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

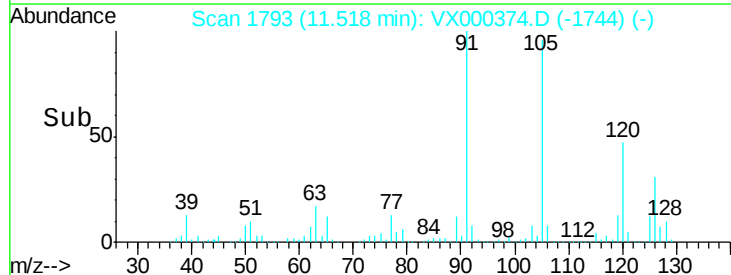
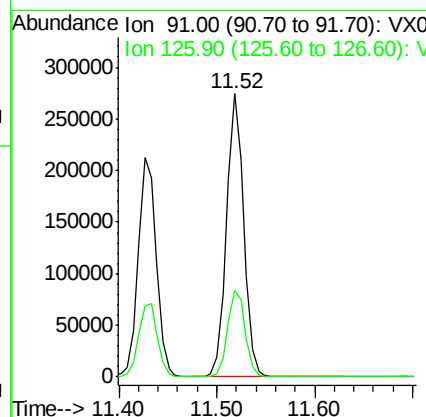
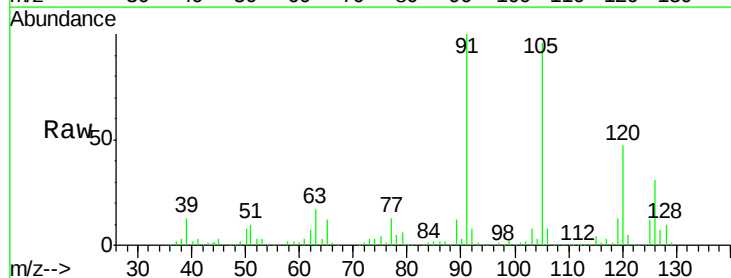
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

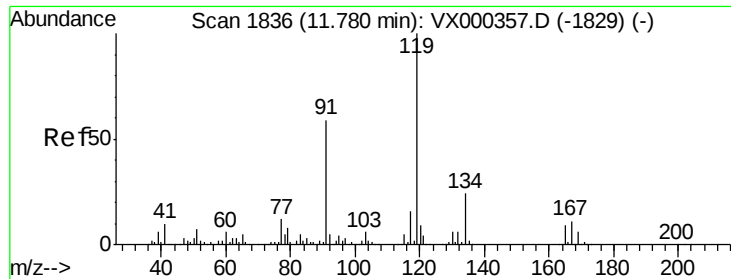
Tgt Ion: 75 Resp: 42863
Ion Ratio Lower Upper
75 100
53 101.4 80.7 121.1
89 47.8 39.4 59.0



#82
4-Chlorotoluene
Concen: 49.07 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000374.D
Acq: 21 Mar 2018 10:06

Tgt Ion: 91 Resp: 333892
Ion Ratio Lower Upper
91 100
126 31.2 15.4 46.1

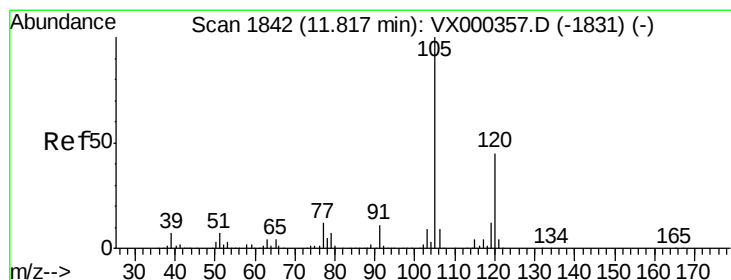
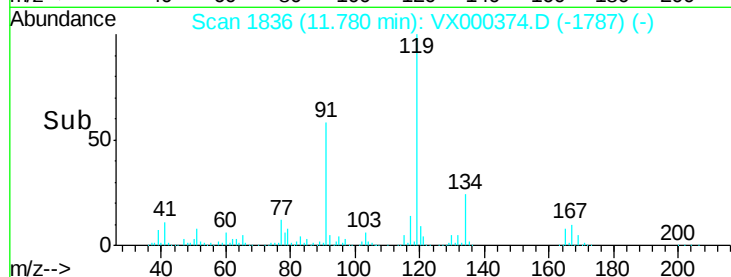
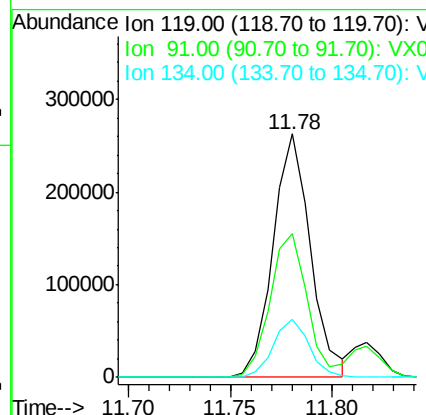
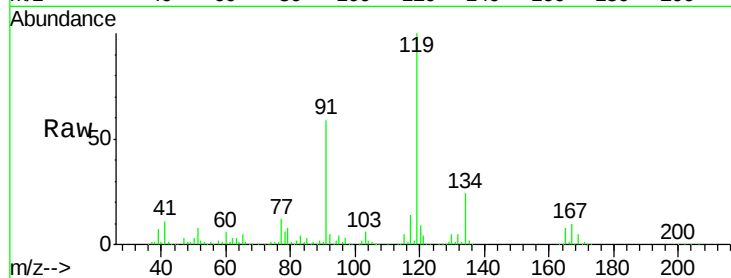




#83
 tert-Butylbenzene
 Concen: 47.88 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

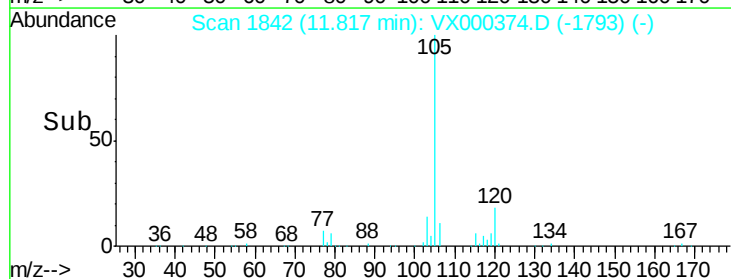
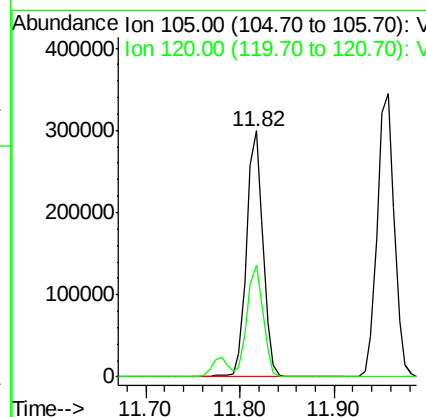
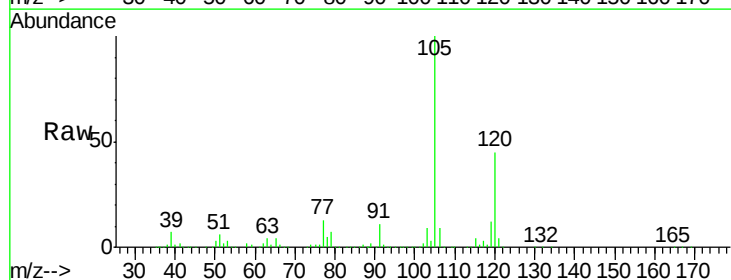
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

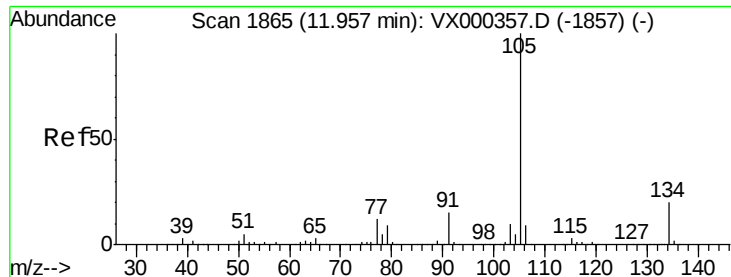
Tgt Ion:119 Resp: 335875
 Ion Ratio Lower Upper
 119 100
 91 58.0 28.8 86.4
 134 23.0 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.42 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Tgt Ion:105 Resp: 360410
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.4 67.3

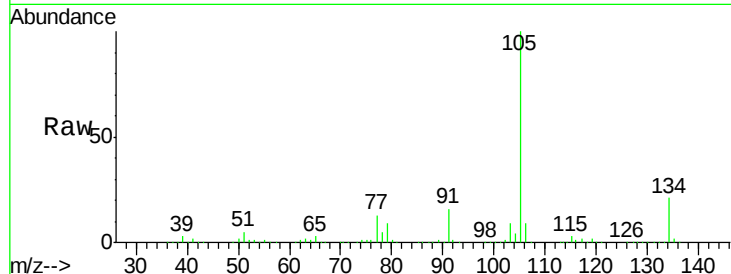




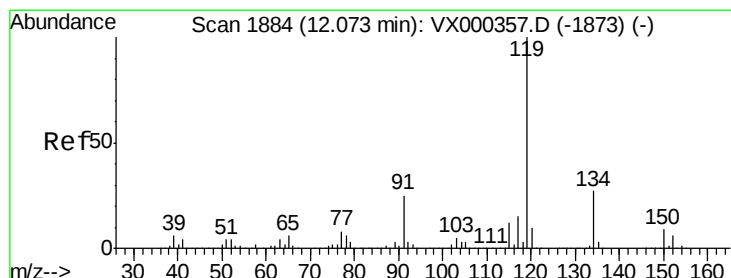
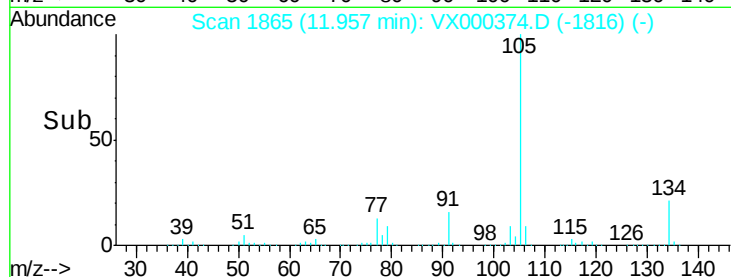
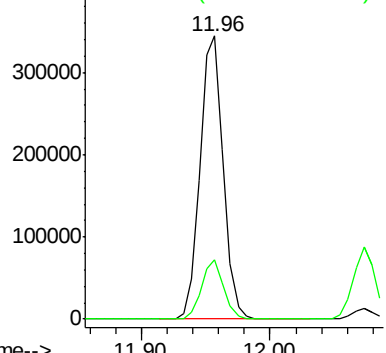
#85
 sec-Butylbenzene
 Concen: 49.90 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 433101
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.3 30.8

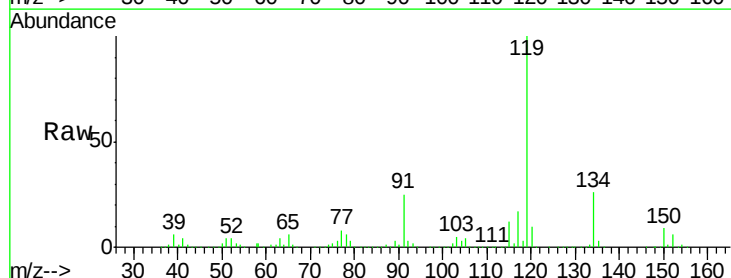


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

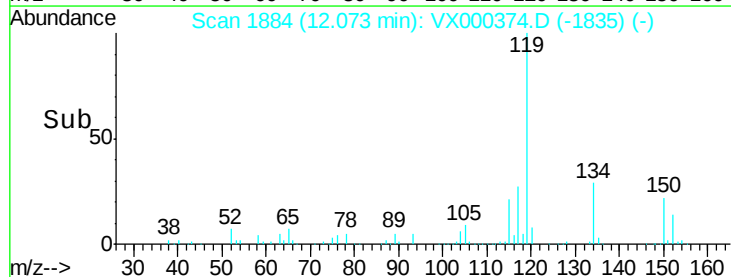
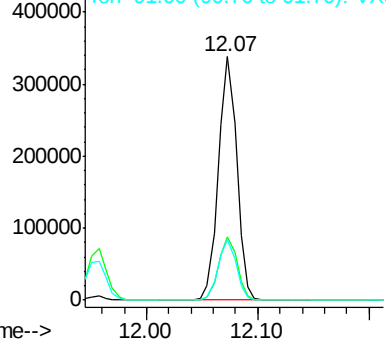


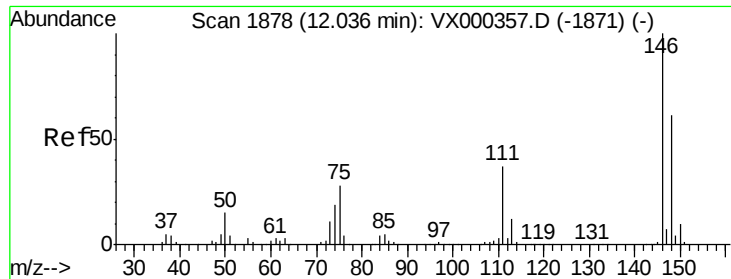
#86
 p-Isopropyltoluene
 Concen: 50.24 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Tgt Ion:119 Resp: 387323
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.9
 91 24.6 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

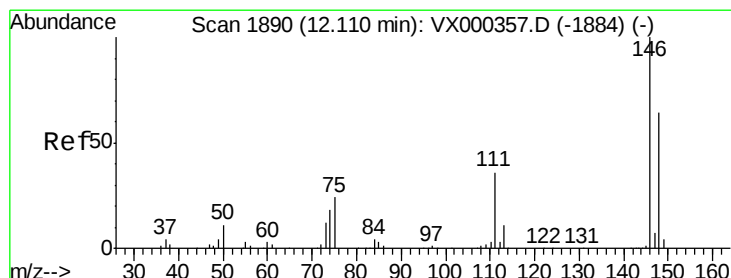
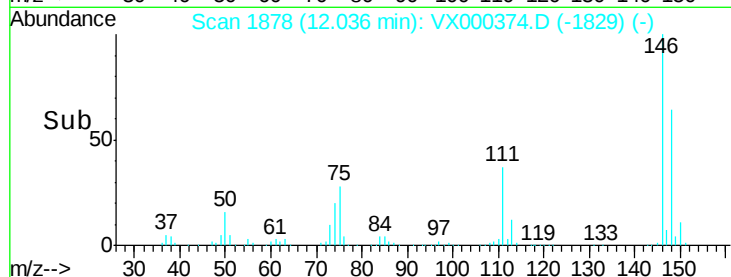
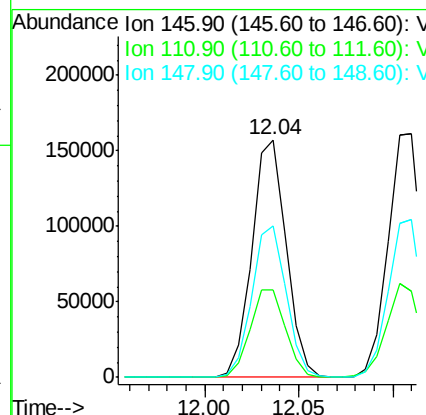
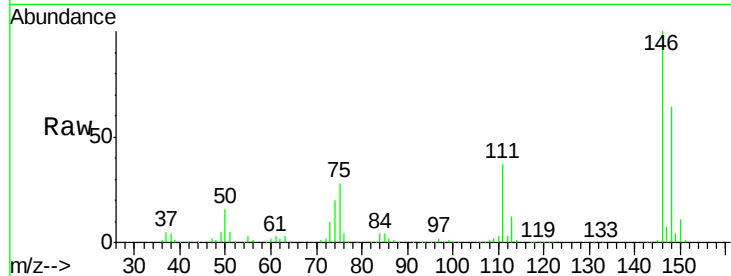




#87
 1,3-Dichlorobenzene
 Concen: 47.61 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

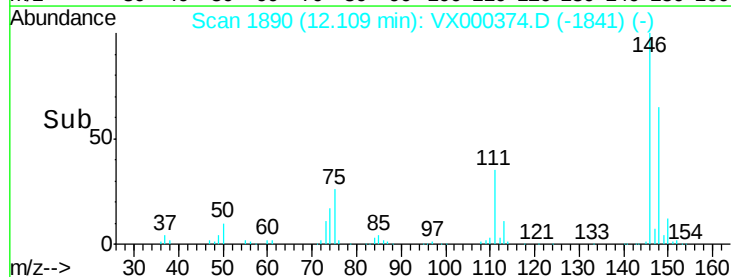
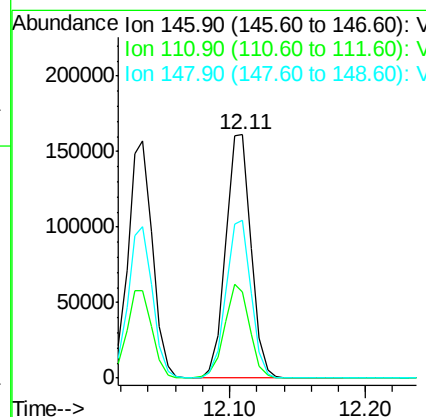
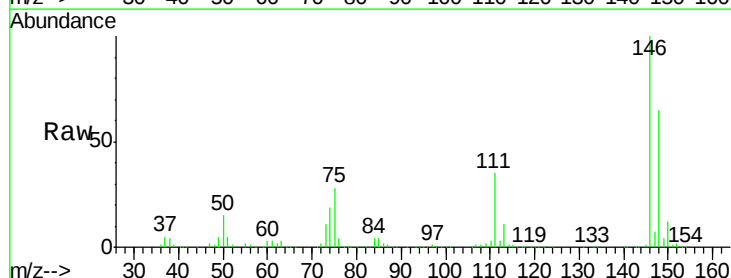
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

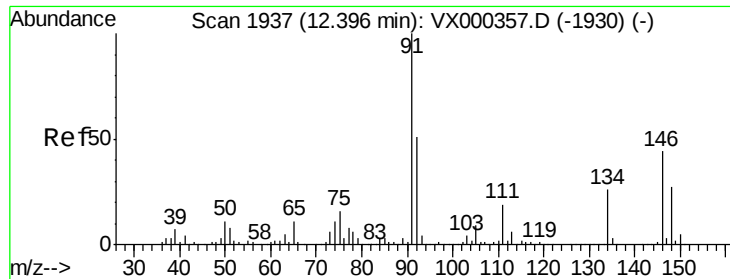
Tgt Ion:146 Resp: 198381
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.5 58.5
 148 64.0 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 47.31 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Tgt Ion:146 Resp: 206942
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.9
 148 64.4 31.0 93.0





#89

n-Butylbenzene

Concen: 50.87 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

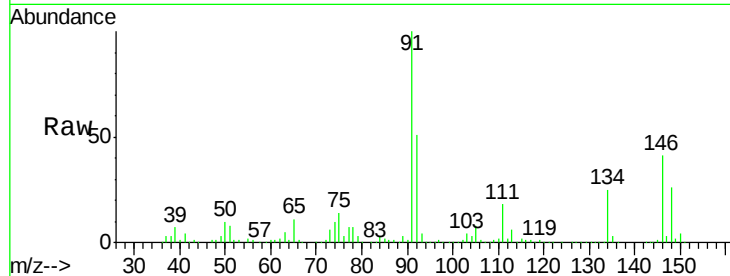
Tgt Ion: 91 Resp: 365132

Ion Ratio Lower Upper

91 100

92 50.8 25.9 77.8

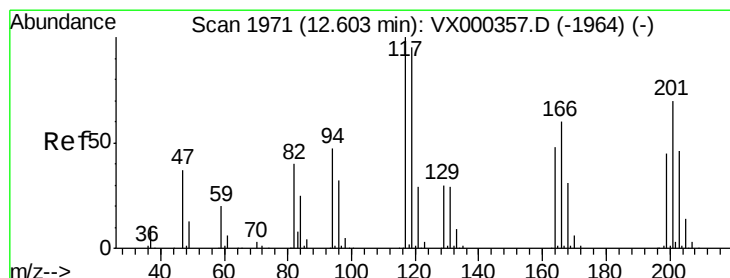
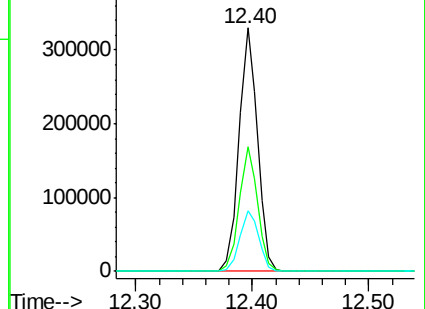
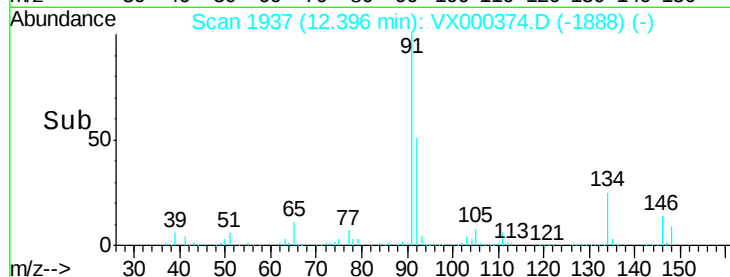
134 25.6 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX000374.D (-1930) (-)

Ion 92.00 (91.70 to 92.70): VX000374.D (-1930) (-)

Ion 134.00 (133.70 to 134.70): VX000374.D (-1930) (-)



#90

Hexachloroethane

Concen: 51.76 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000374.D

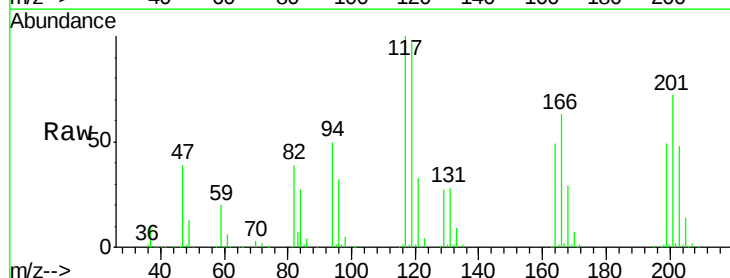
Acq: 21 Mar 2018 10:06

Tgt Ion: 117 Resp: 62808

Ion Ratio Lower Upper

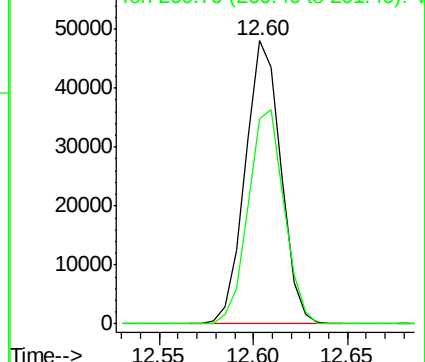
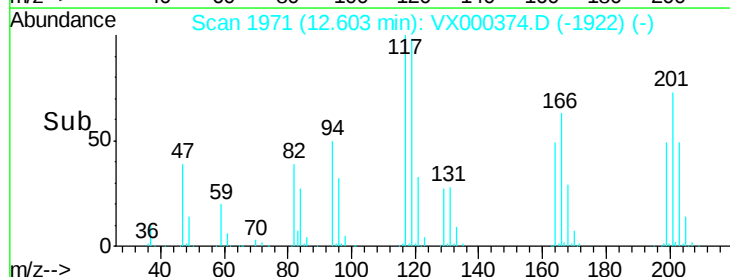
117 100

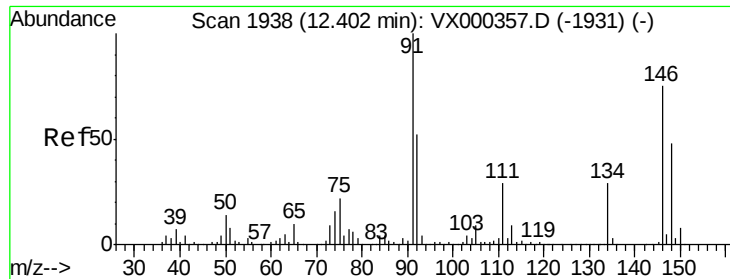
201 76.3 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): VX000374.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000374.D (-1964) (-)

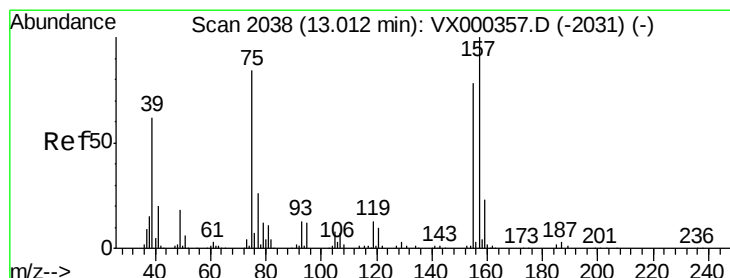
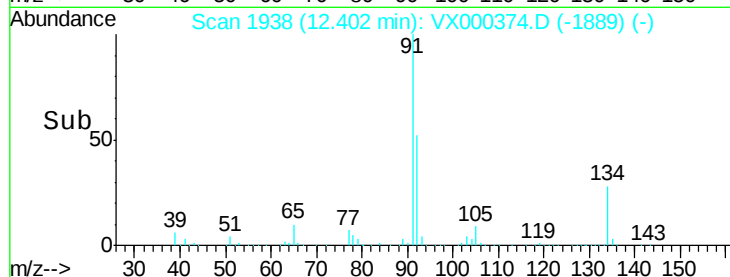
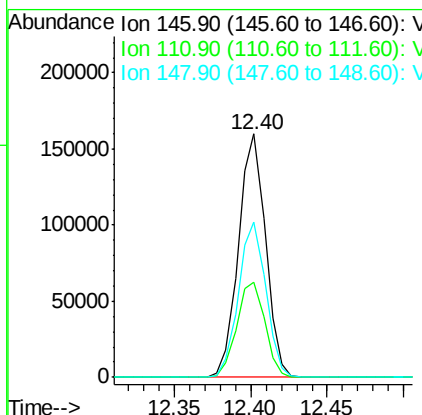
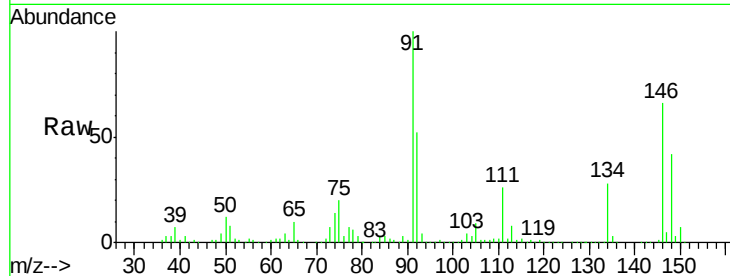




#91
 1,2-Dichlorobenzene
 Concen: 48.02 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

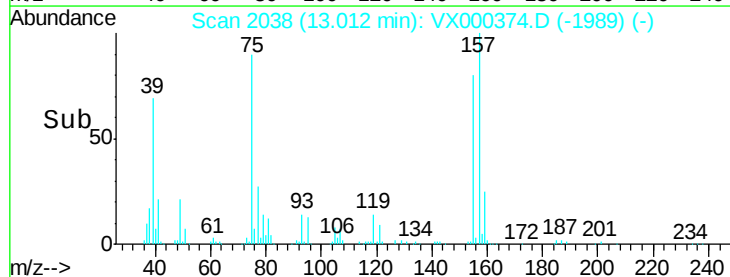
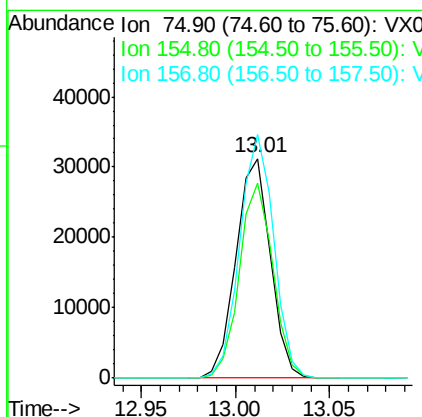
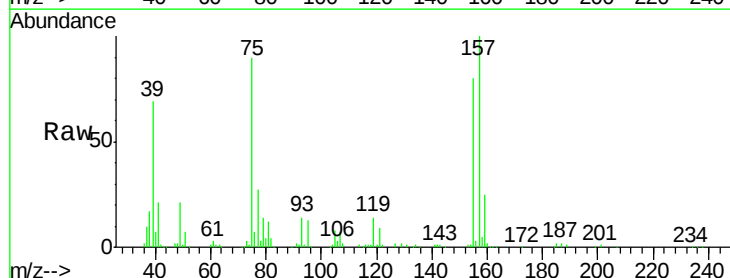
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:146 Resp: 196167
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.1 60.2
 148 64.5 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.40 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Tgt Ion: 75 Resp: 39492
 Ion Ratio Lower Upper
 75 100
 155 86.8 45.0 134.8
 157 109.8 58.1 174.2

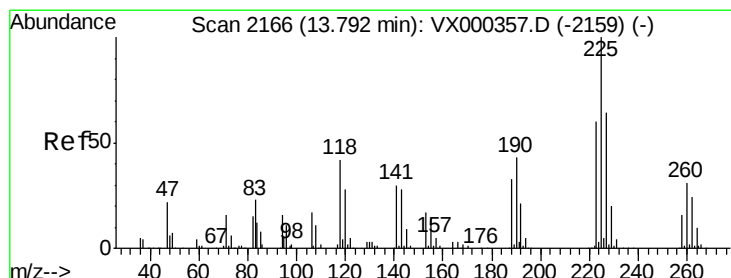
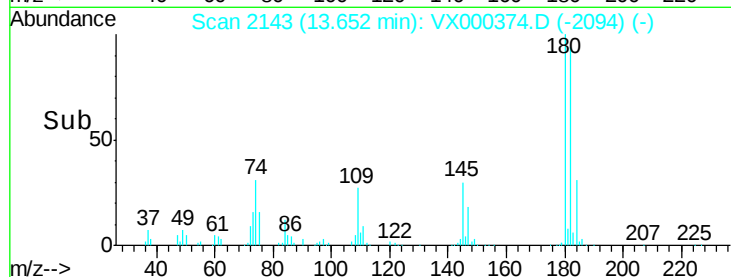
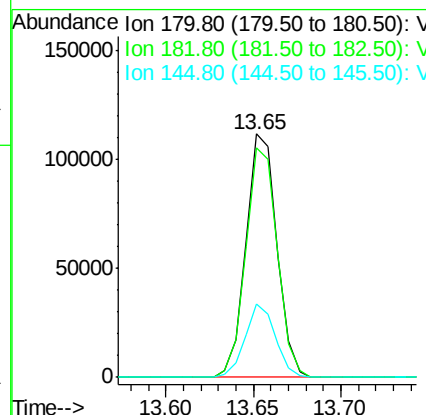
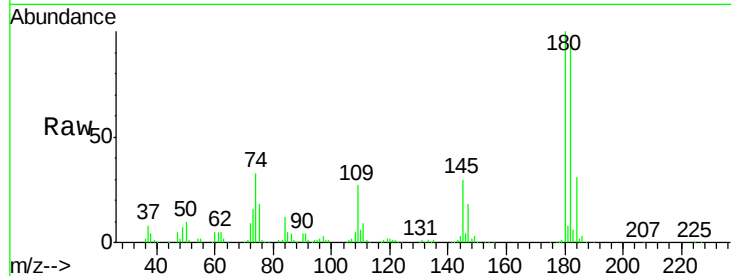




#93
 1,2,4-Trichlorobenzene
 Concen: 46.94 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

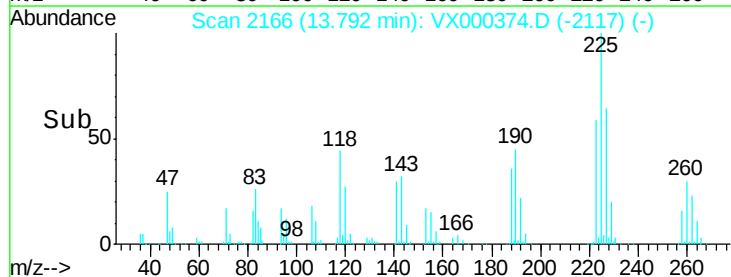
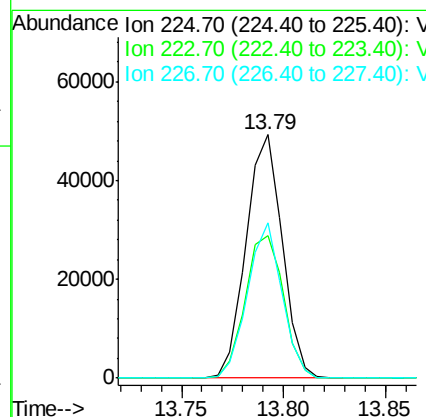
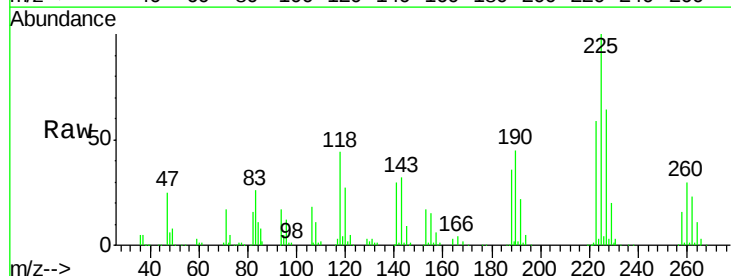
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

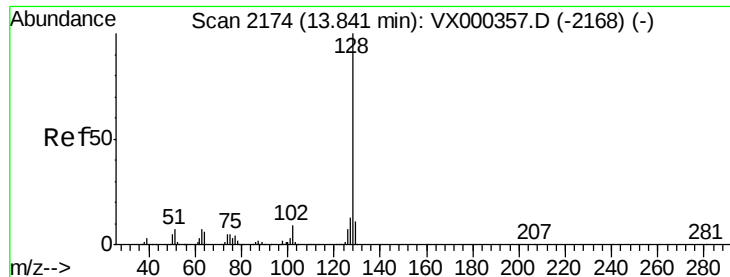
Tgt Ion:180 Resp: 137458
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.6 142.9
 145 29.2 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 50.12 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000374.D
 Acq: 21 Mar 2018 10:06

Tgt Ion:225 Resp: 60778
 Ion Ratio Lower Upper
 225 100
 223 62.0 32.0 96.0
 227 60.9 32.6 98.0





#95

Naphthalene

Concen: 46.99 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

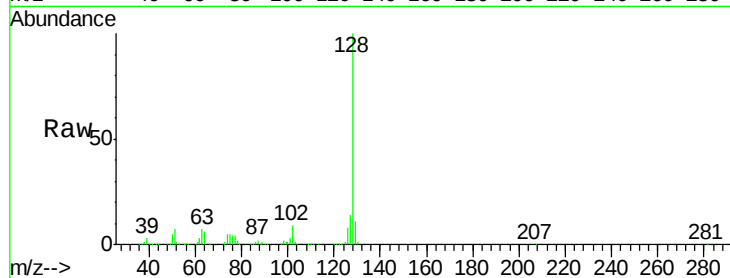
Tgt Ion:128 Resp: 479406

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

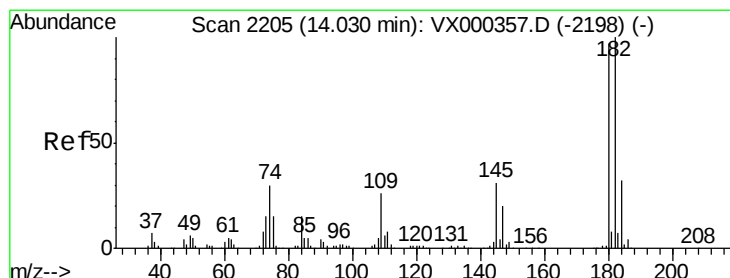
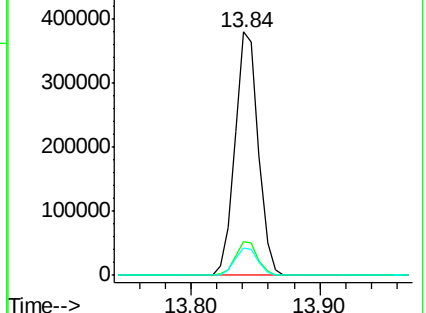
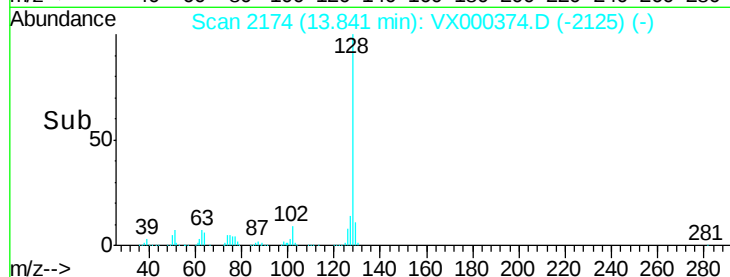
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.31 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000374.D

Acq: 21 Mar 2018 10:06

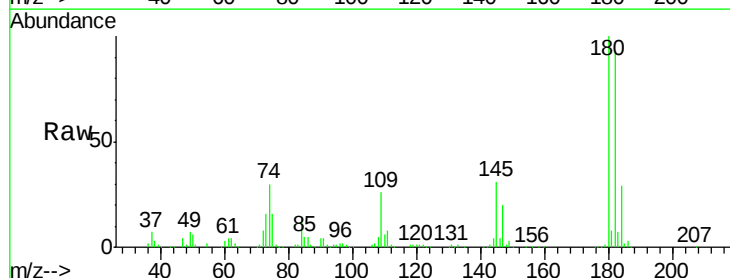
Tgt Ion:180 Resp: 136894

Ion Ratio Lower Upper

180 100

182 95.1 47.4 142.3

145 31.5 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

