

Data File : VX000966.D

Acq On : 17 Apr 2018 15:41

Operator : JC/MD

Sample : VSTDCCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Apr 18 06:56:07 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M

Quant Title : SW846 8260

QLast Update : Tue Apr 10 15:49:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279357	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366382	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	241589	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	146226	41.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.02%	
35) Dibromofluoromethane	5.51	113	123845	43.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.74%	
50) Toluene-d8	8.72	98	457827	43.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.12%	
62) 4-Bromofluorobenzene	11.14	95	190492	43.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	136565	43.31	ug/l	100
3) Chloromethane	1.32	50	128002	47.34	ug/l	100
4) Vinyl Chloride	1.40	62	137171	45.10	ug/l	99
5) Bromomethane	1.64	94	73657	58.76	ug/l	97
6) Chloroethane	1.73	64	82970	45.01	ug/l	99
7) Trichlorofluoromethane	1.93	101	217230	47.34	ug/l	98
8) Diethyl Ether	2.19	74	80534	46.98	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	133180	49.23	ug/l	97
10) Methyl Iodide	2.51	142	126856	58.56	ug/l	98
11) Tert butyl alcohol	3.06	59	112289	179.55	ug/l	100
12) 1,1-Dichloroethene	2.38	96	115462	45.03	ug/l	98
13) Acrolein	2.29	56	67790	223.21	ug/l	98
14) Allyl chloride	2.73	41	215646	45.49	ug/l	98
15) Acrylonitrile	3.15	53	302975	227.24	ug/l	100
16) Acetone	2.45	43	279976	230.49	ug/l	100
17) Carbon Disulfide	2.57	76	292367	37.66	ug/l	100
18) Methyl Acetate	2.78	43	157297	50.04	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	411651	48.20	ug/l	98
20) Methylene Chloride	2.86	84	129382	45.80	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	126748	44.83	ug/l	99
22) Diisopropyl ether	3.87	45	423090	48.56	ug/l	99
23) Vinyl Acetate	3.82	43	1751051	228.90	ug/l	98
24) 1,1-Dichloroethane	3.70	63	231636	47.38	ug/l	98
25) 2-Butanone	4.70	43	437591	218.15	ug/l	98
26) 2,2-Dichloropropane	4.59	77	215259	44.36	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	152362	47.48	ug/l	99
28) Bromochloromethane	5.03	49	85914	43.64	ug/l	96
29) Tetrahydrofuran	5.17	42	271492	213.16	ug/l	99
30) Chloroform	5.22	83	251804	48.65	ug/l	100
31) Cyclohexane	5.58	56	206956	44.57	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	224032	45.43	ug/l	99
36) 1,1-Dichloropropene	5.81	75	189333	46.92	ug/l	98
37) Ethyl Acetate	4.86	43	174262	44.24	ug/l	99
38) Carbon Tetrachloride	5.79	117	201448	44.61	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Apr 18 06:56:07 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M

Quant Title : SW846 8260

QLast Update : Tue Apr 10 15:49:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	218986	45.19	ug/l	98
40) Benzene	6.15	78	539664	48.14	ug/l	100
41) Methacrylonitrile	5.06	41	104162	45.77	ug/l	99
42) 1,2-Dichloroethane	6.20	62	203496	48.60	ug/l	99
43) Isopropyl Acetate	6.47	43	302004	44.72	ug/l	100
44) Trichloroethene	7.22	130	166703	47.81	ug/l	98
45) 1,2-Dichloropropane	7.52	63	141685	49.63	ug/l	99
46) Dibromomethane	7.67	93	94447	47.45	ug/l	99
47) Bromodichloromethane	7.90	83	188469	46.91	ug/l	98
48) Methyl methacrylate	7.78	41	161176	46.04	ug/l	99
49) 1,4-Dioxane	7.76	88	47198	670.91	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	908480	229.01	ug/l	99
52) Toluene	8.79	92	357738	48.09	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	231083	47.96	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	220279	46.95	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	143450	48.58	ug/l	98
56) Ethyl methacrylate	9.18	69	214495	47.09	ug/l	99
57) 1,3-Dichloropropane	9.38	76	235428	50.15	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	506634	238.05	ug/l	99
59) 2-Hexanone	9.50	43	700758	228.81	ug/l	99
60) Dibromochloromethane	9.59	129	162046	45.86	ug/l	99
61) 1,2-Dibromoethane	9.68	107	150970	48.19	ug/l	100
64) Tetrachloroethene	9.34	164	165714	48.42	ug/l	99
65) Chlorobenzene	10.15	112	429339	48.76	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	157541	47.54	ug/l	100
67) Ethyl Benzene	10.26	91	708921	48.29	ug/l	99
68) m/p-Xylenes	10.37	106	565805	97.65	ug/l	100
69) o-Xylene	10.70	106	273162	48.91	ug/l	100
70) Styrene	10.72	104	460682	48.93	ug/l	100
71) Bromoform	10.87	173	131729	42.93	ug/l	99
73) Isopropylbenzene	11.02	105	742274	48.43	ug/l	100
74) N-amyl acetate	6.47	43	302004	43.76	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	209439	47.09	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	195621m	46.95	ug/l	
77) Bromobenzene	11.26	156	214207	47.69	ug/l	99
78) n-propylbenzene	11.37	91	856344	48.85	ug/l	99
79) 2-Chlorotoluene	11.43	91	498071	48.07	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	635885	48.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	60114	39.69	ug/l	94
82) 4-Chlorotoluene	11.52	91	605738	48.43	ug/l	99
83) tert-Butylbenzene	11.77	119	655218	48.59	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	650446	47.80	ug/l	100
85) sec-Butylbenzene	11.95	105	768191	48.29	ug/l	100
86) p-Isopropyltoluene	12.07	119	711589	47.97	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	407506	49.02	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	413589	48.54	ug/l	99
89) n-Butylbenzene	12.40	91	631309	48.21	ug/l	100
90) Hexachloroethane	12.60	117	107432	42.80	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	395507	49.28	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	43042	38.62	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\Data\VX041718\
Quantitation Report (QT Reviewed)

Data File : VX000966.D
Acq On : 17 Apr 2018 15:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Apr 18 06:56:07 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	330324	48.23	ug/l	99
94) Hexachlorobutadiene	13.79	225	146225	43.42	ug/l	100
95) Naphthalene	13.84	128	800362	45.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	316117	47.52	ug/l	99

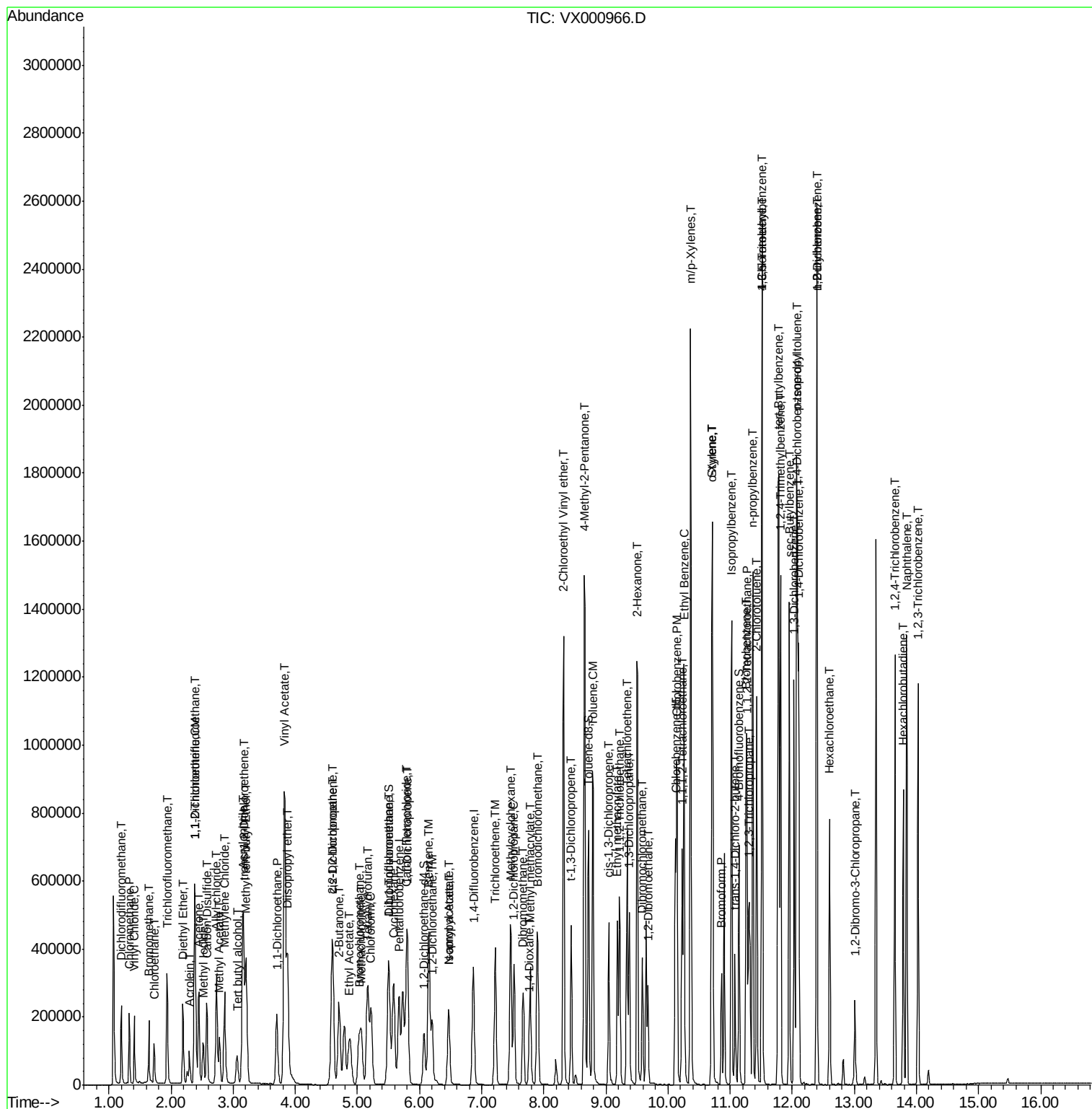
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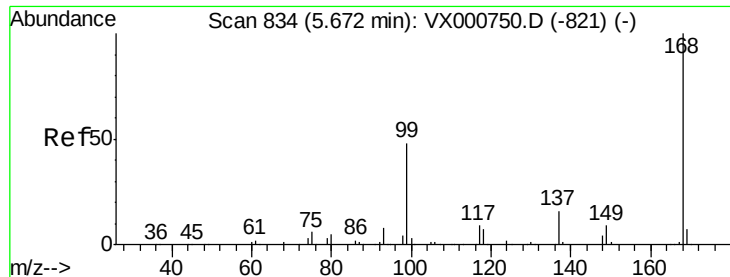
Data File : VX000966.D

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Acq On       : 17 Apr 2018   15:41
Operator     : JC/MD
Sample       : VSTDCCC050
Misc         : 5.0mL/MSVOA_X/WATER
ALS Vial     : 2      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Apr 18 06:56:07 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 10 15:49:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

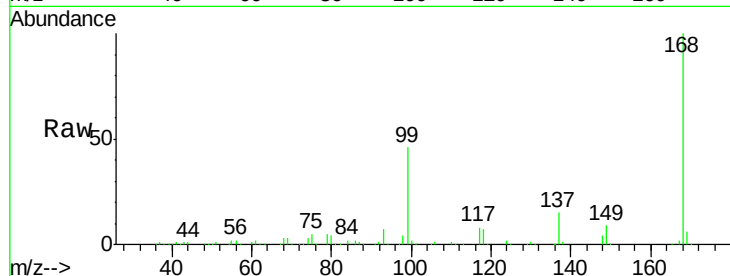
VSTDCCC050

Tgt Ion:168 Resp: 279357

Ion Ratio Lower Upper

168 100

99 45.8 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

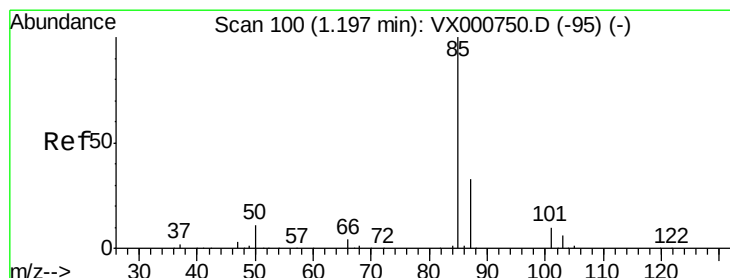
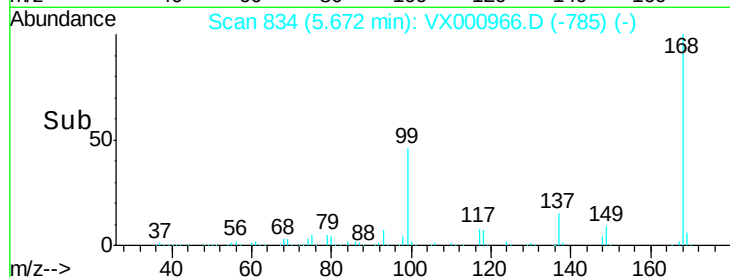
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.31 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000966.D

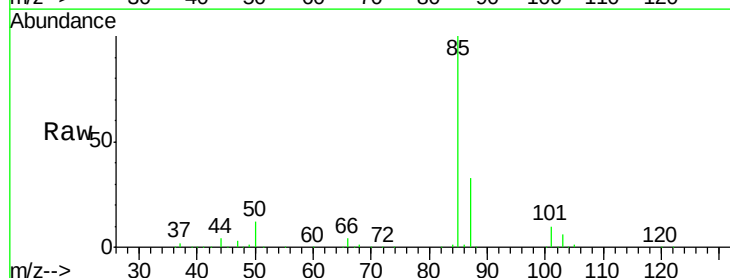
Acq: 17 Apr 2018 15:41

Tgt Ion: 85 Resp: 136565

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

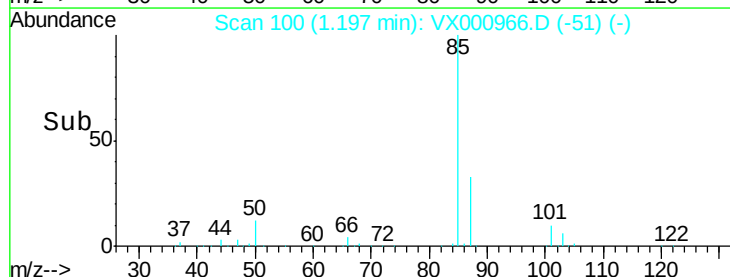
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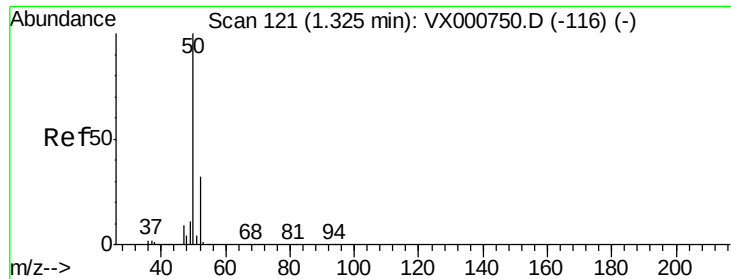
100000

50000

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Time-->





#3

Chloromethane

Concen: 47.34 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

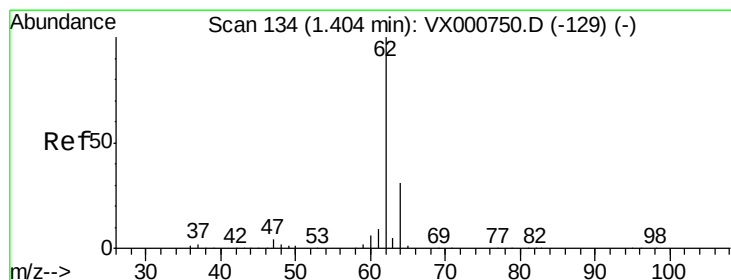
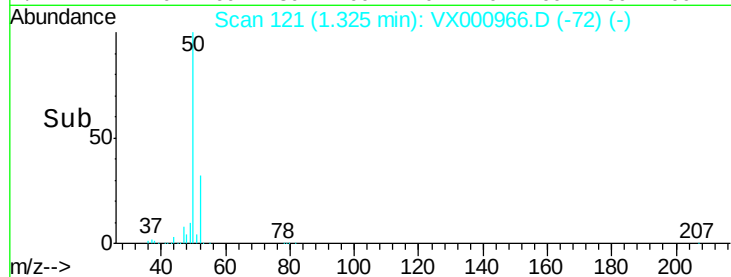
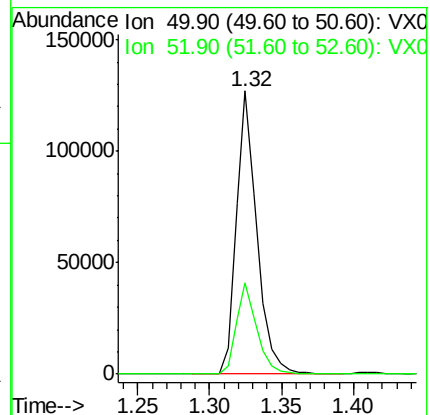
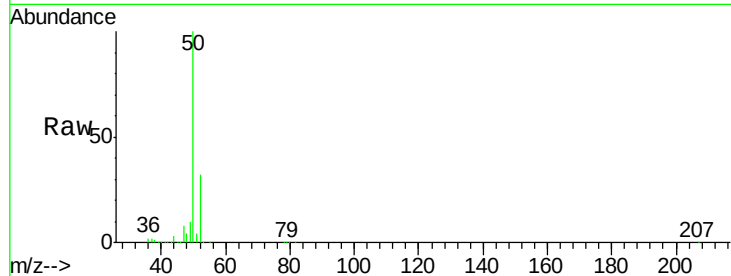
VSTDCCC050

Tgt Ion: 50 Resp: 128002

Ion Ratio Lower Upper

50 100

52 32.4 25.8 38.8



#4

Vinyl Chloride

Concen: 45.10 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000966.D

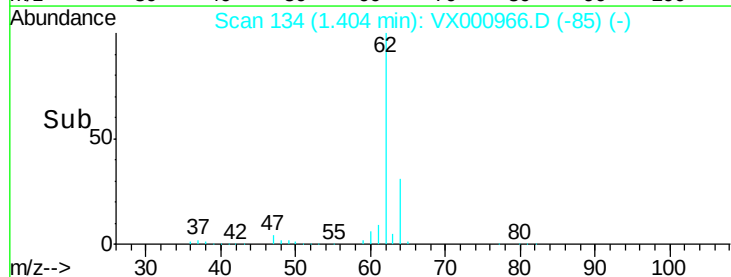
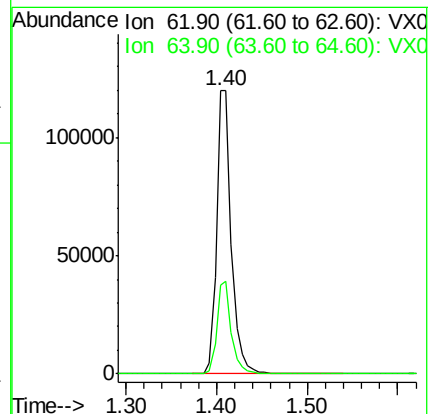
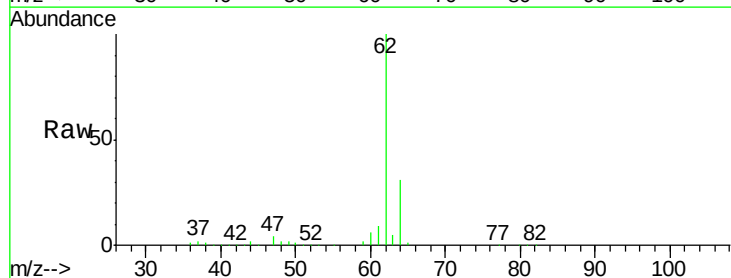
Acq: 17 Apr 2018 15:41

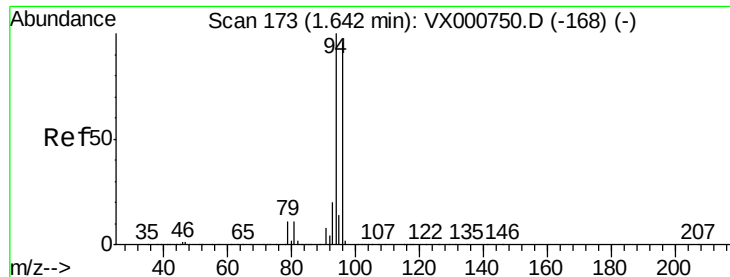
Tgt Ion: 62 Resp: 137171

Ion Ratio Lower Upper

62 100

64 31.2 24.6 36.8





#5

Bromomethane

Concen: 58.76 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

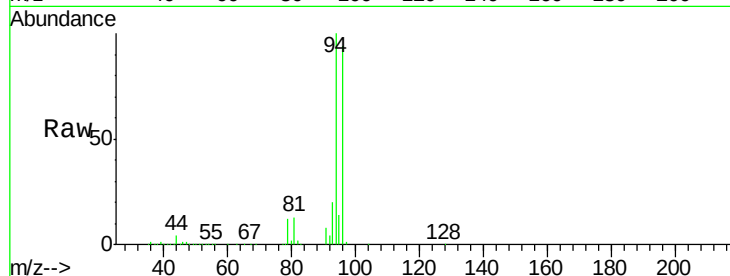
VSTDCCC050

Tgt Ion: 94 Resp: 73657

Ion Ratio Lower Upper

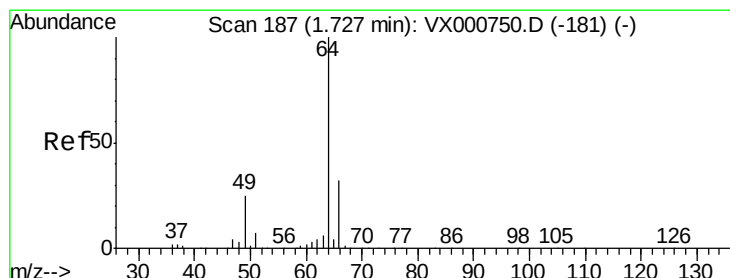
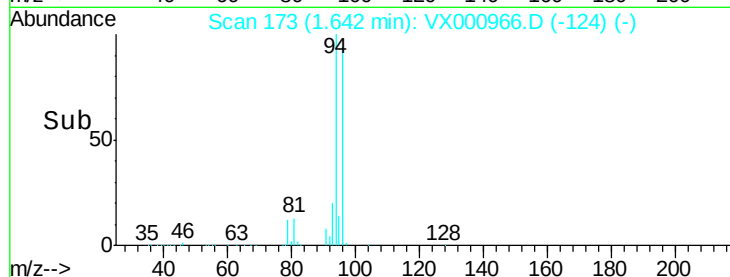
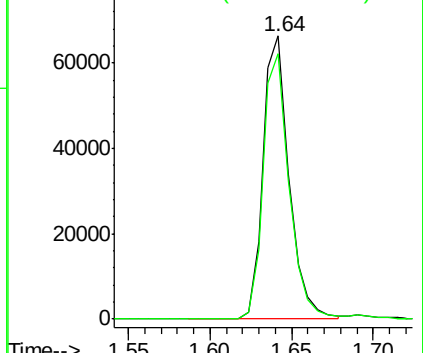
94 100

96 93.6 77.0 115.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.01 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000966.D

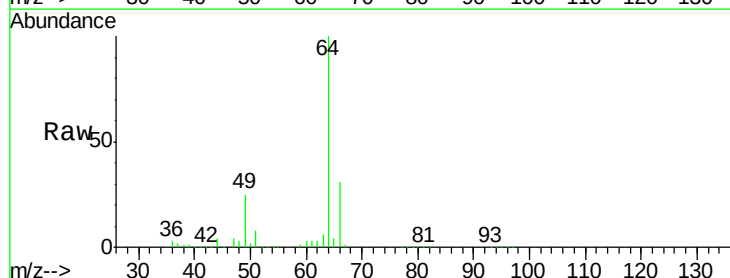
Acq: 17 Apr 2018 15:41

Tgt Ion: 64 Resp: 82970

Ion Ratio Lower Upper

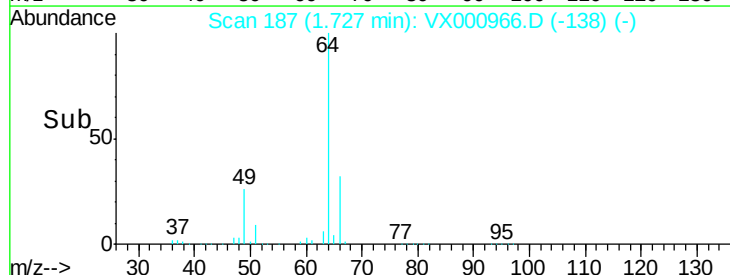
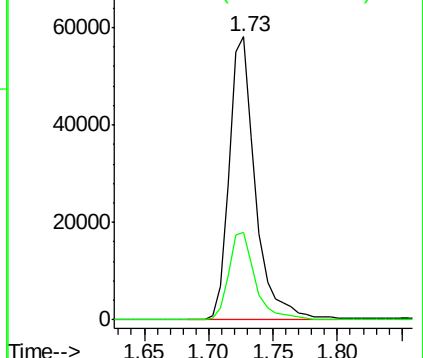
64 100

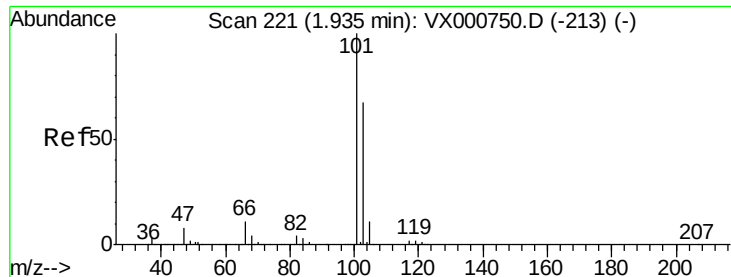
66 30.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



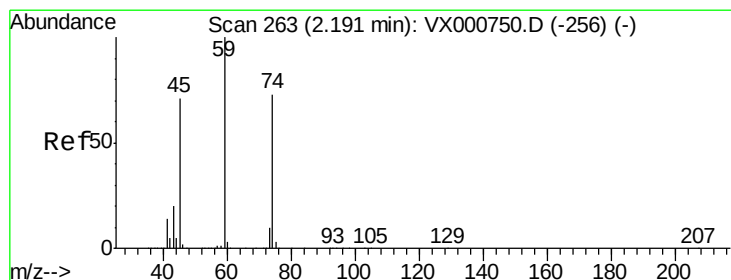
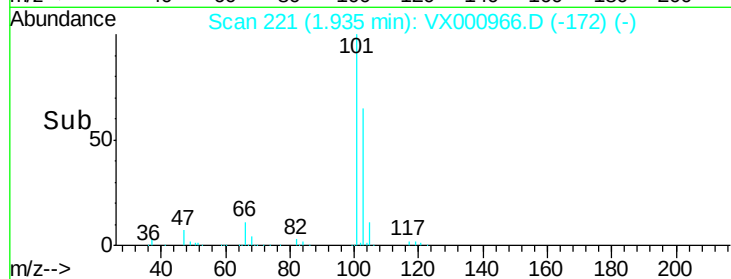
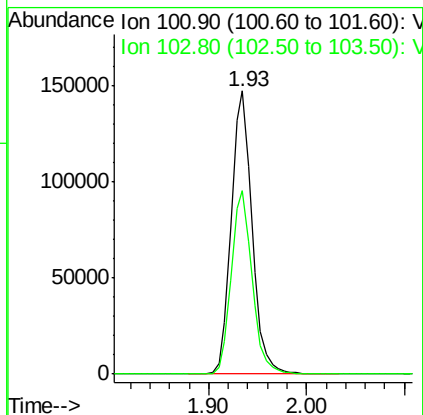
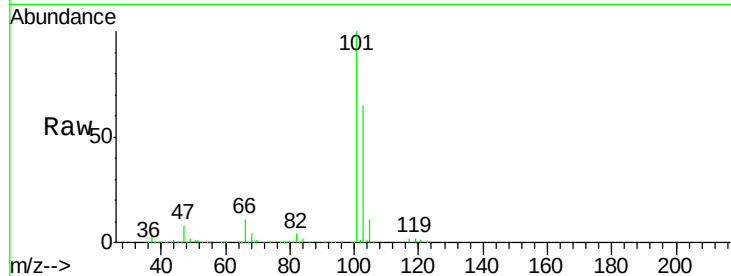


#7

Trichlorofluoromethane
 Concen: 47.34 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

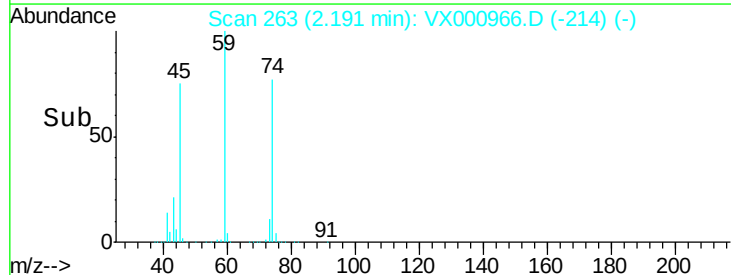
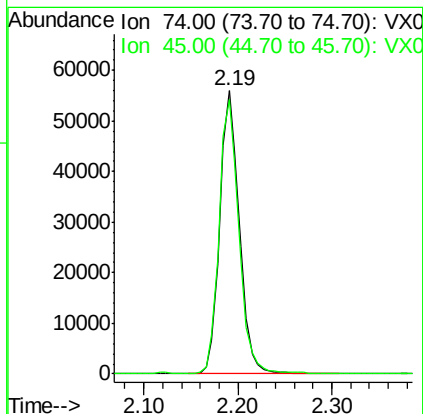
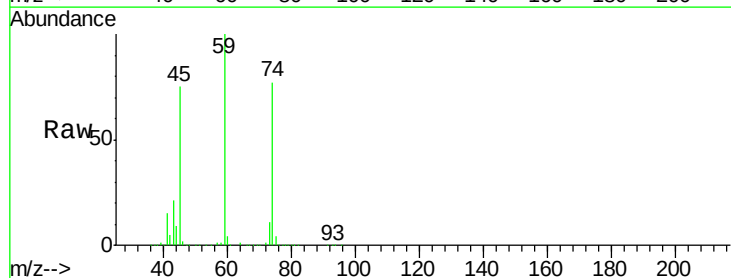
Tgt Ion:101 Resp: 217230
 Ion Ratio Lower Upper
 101 100
 103 64.7 53.2 79.8

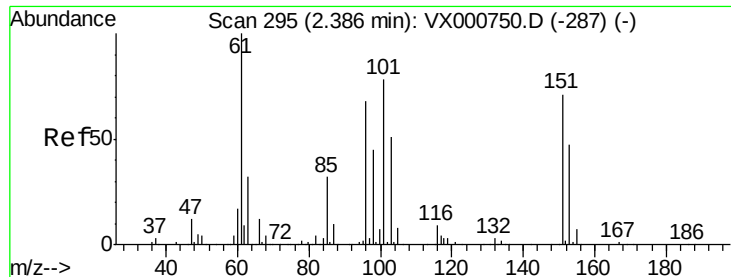


#8

Diethyl Ether
 Concen: 46.98 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

Tgt Ion: 74 Resp: 80534
 Ion Ratio Lower Upper
 74 100
 45 97.7 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.23 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

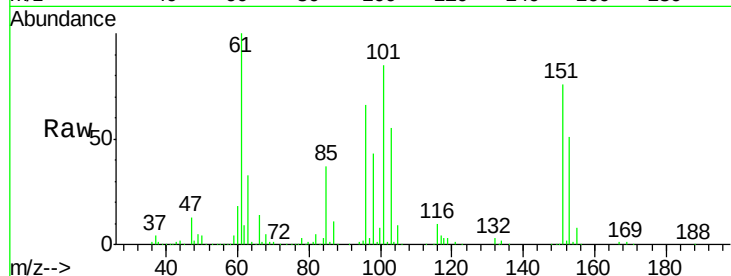
Tgt Ion:101 Resp: 133180

Ion Ratio Lower Upper

101 100

85 42.8 34.0 51.0

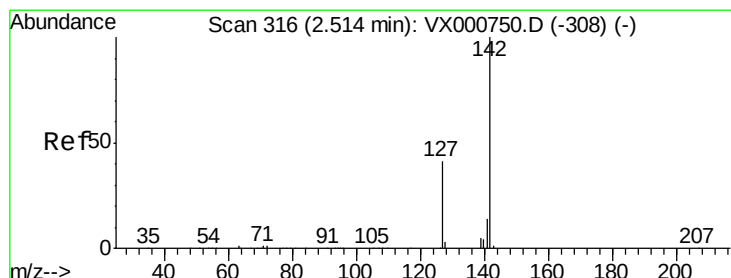
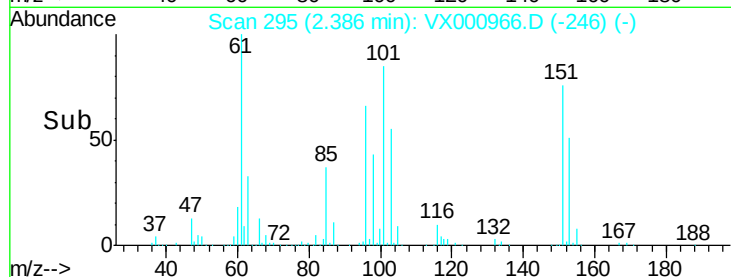
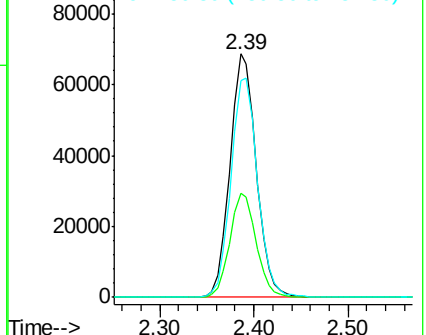
151 91.3 75.8 113.8



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: 58.56 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

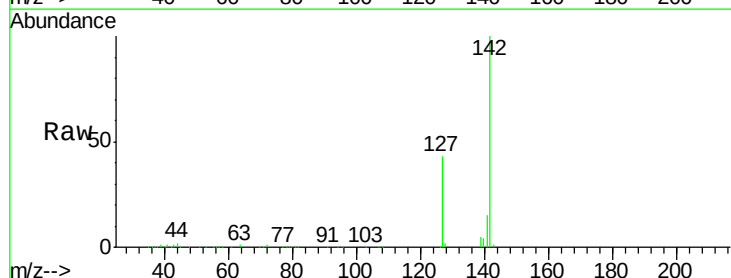
Tgt Ion:142 Resp: 126856

Ion Ratio Lower Upper

142 100

127 42.1 32.6 49.0

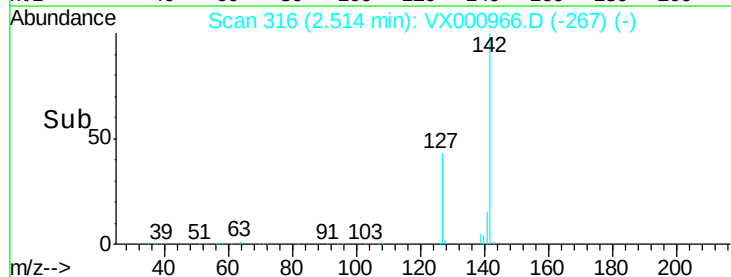
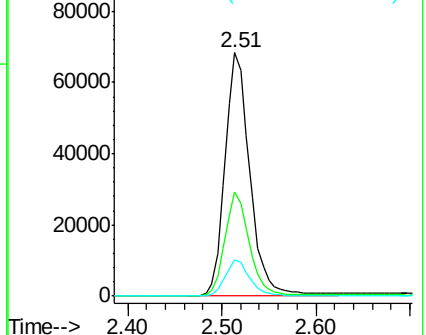
141 14.6 11.5 17.3

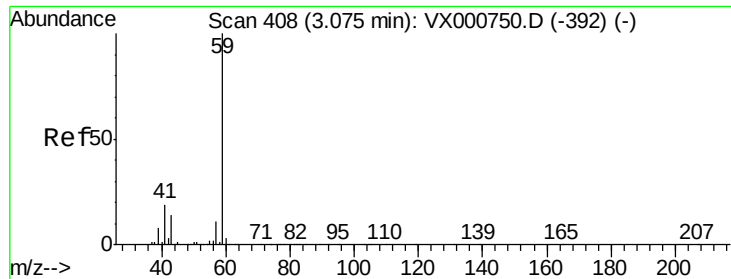


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



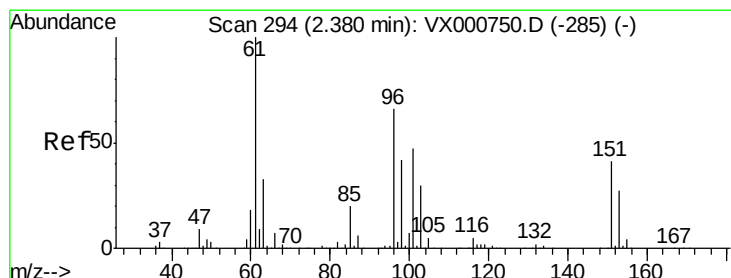
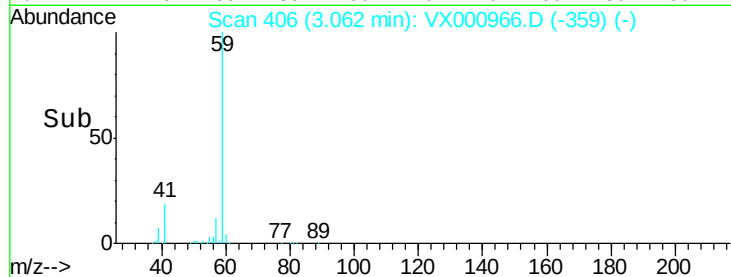
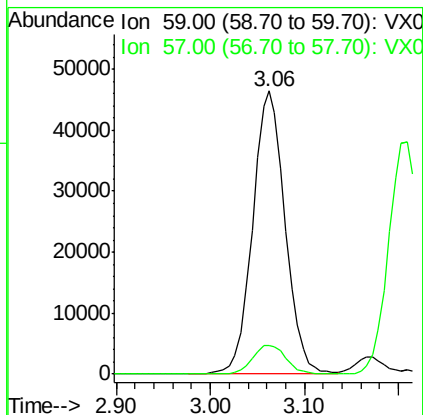
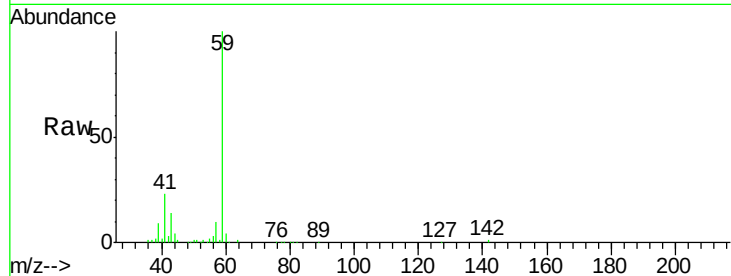


#11

Tert butyl alcohol
Concen: 179.55 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.01 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

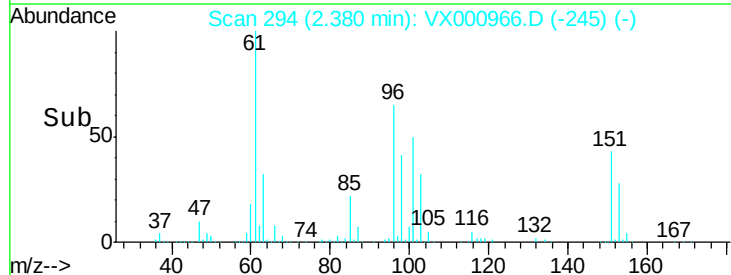
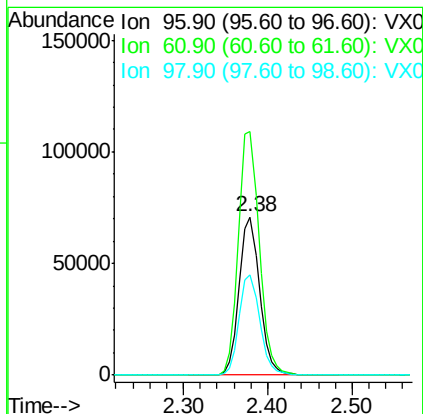
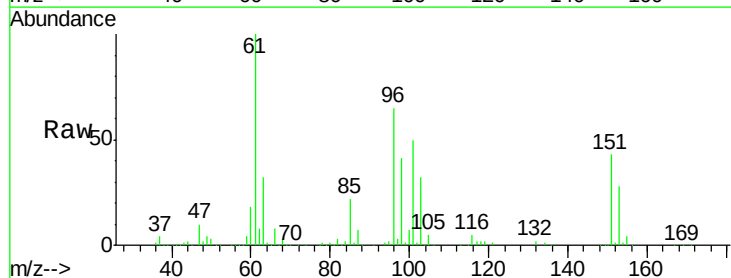
Tgt Ion: 59 Resp: 112289
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6

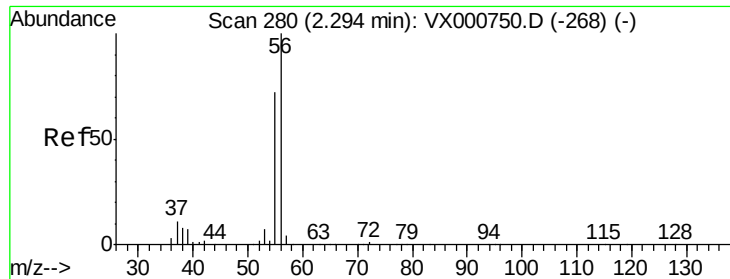


#12

1,1-Dichloroethene
Concen: 45.03 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Tgt Ion: 96 Resp: 115462
Ion Ratio Lower Upper
96 100
61 154.1 120.5 180.7
98 63.6 50.9 76.3





#13

Acrolein

Concen: 223.21 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

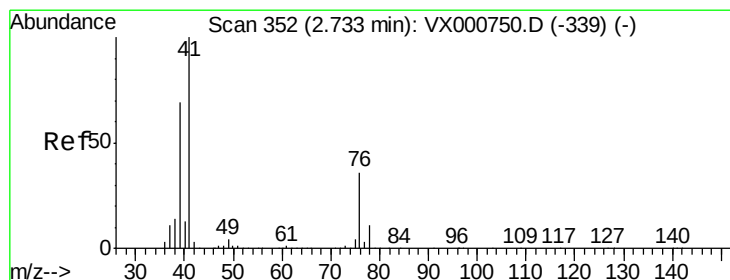
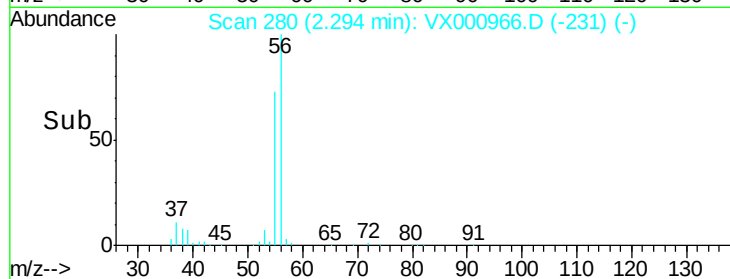
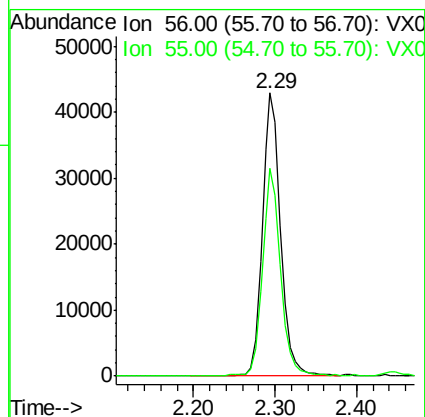
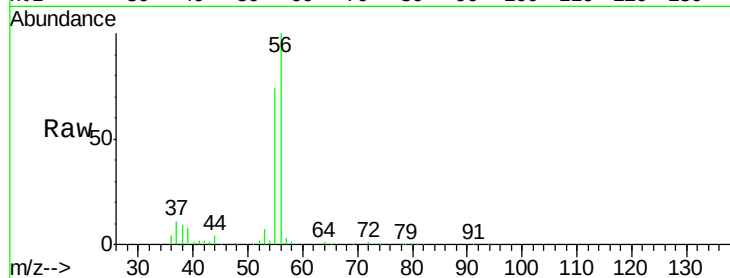
VSTDCCC050

Tgt Ion: 56 Resp: 67790

Ion Ratio Lower Upper

56 100

55 71.7 58.7 88.1



#14

Allyl chloride

Concen: 45.49 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

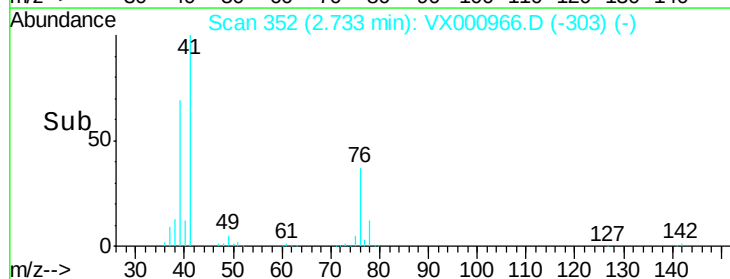
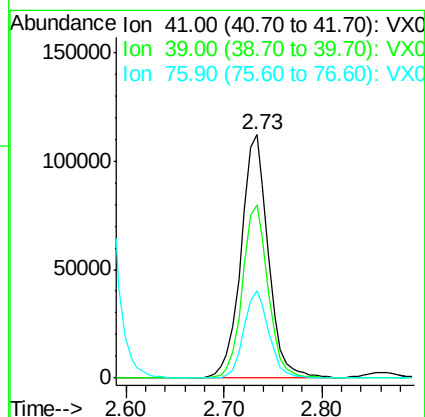
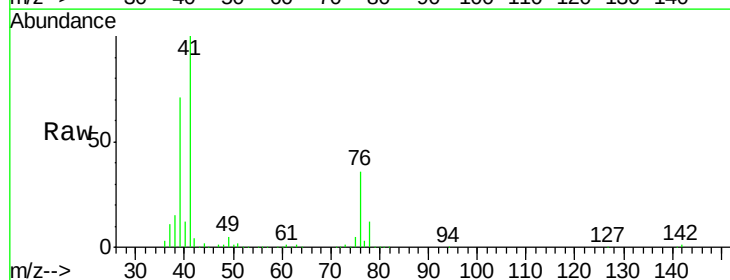
Tgt Ion: 41 Resp: 215646

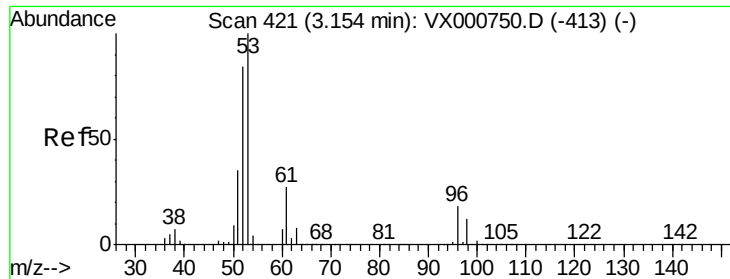
Ion Ratio Lower Upper

41 100

39 67.0 51.5 77.3

76 32.9 26.5 39.7

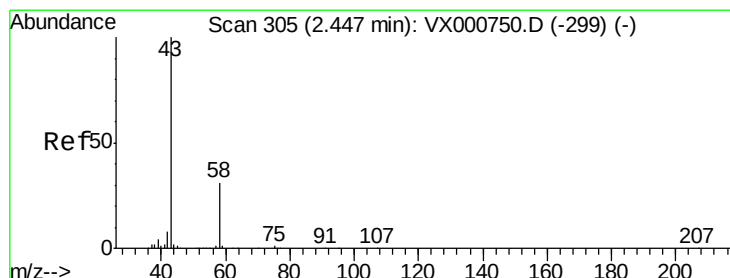
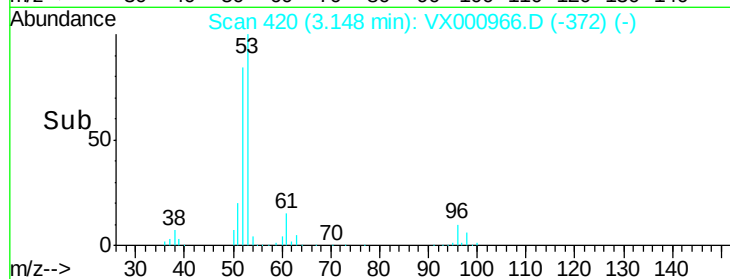
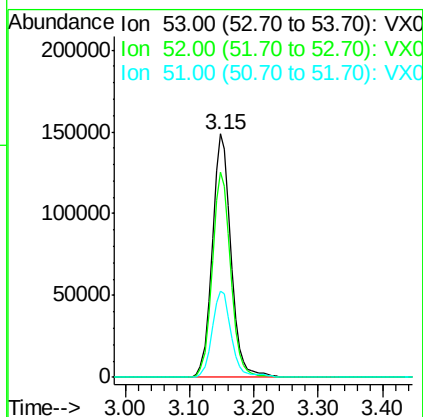
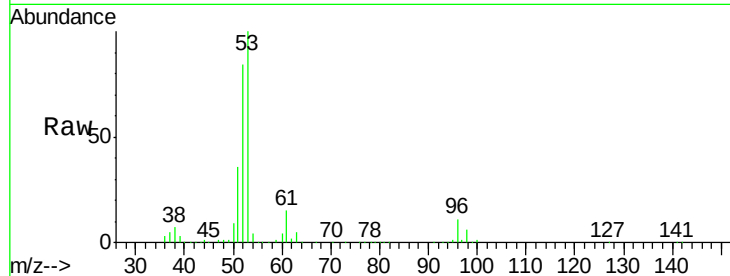




#15
 Acrylonitrile
 Concen: 227.24 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

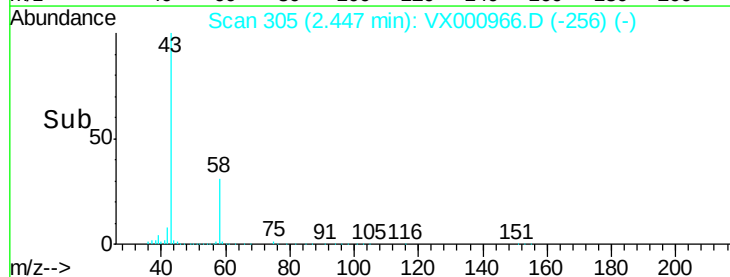
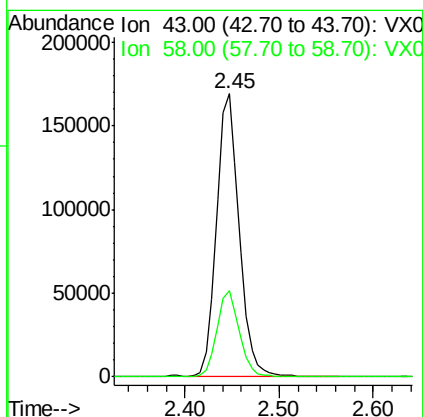
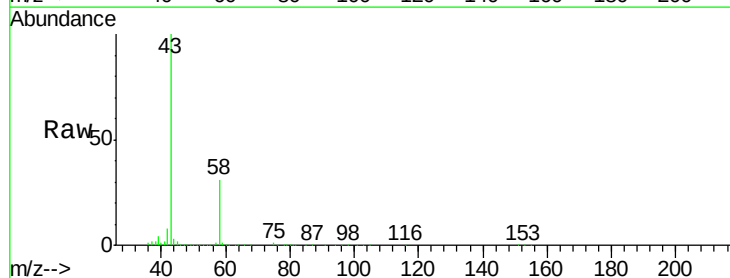
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

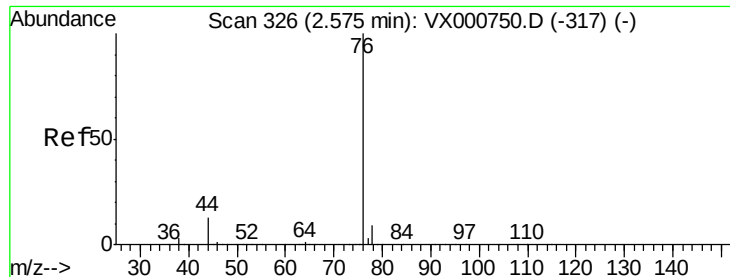
Tgt Ion: 53 Resp: 302975
 Ion Ratio Lower Upper
 53 100
 52 83.1 66.5 99.7
 51 36.4 28.8 43.2



#16
 Acetone
 Concen: 230.49 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.00 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

Tgt Ion: 43 Resp: 279976
 Ion Ratio Lower Upper
 43 100
 58 30.7 24.6 37.0

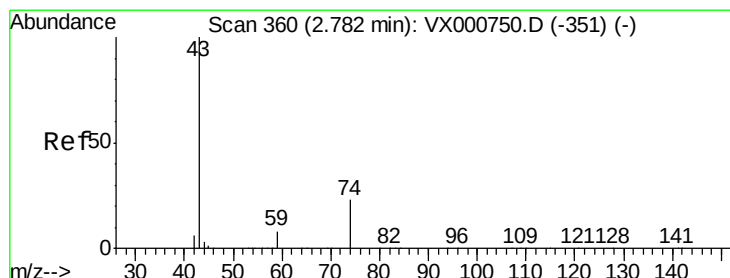
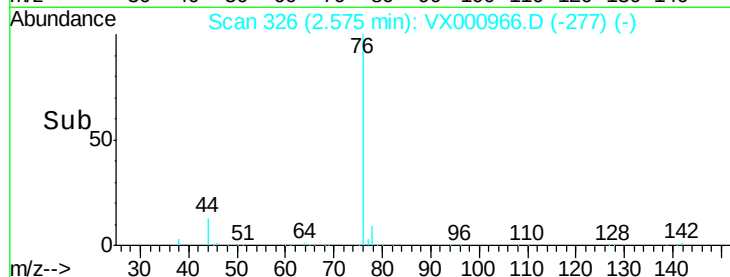
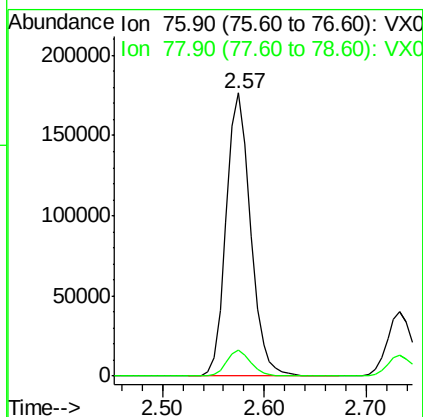
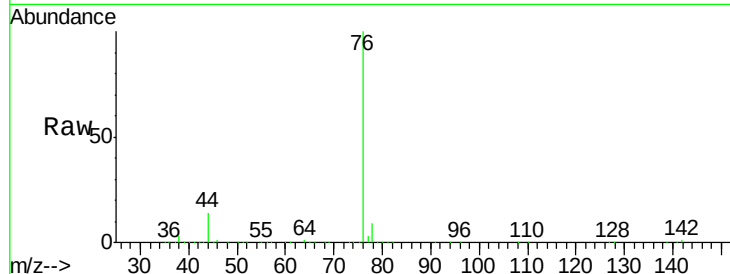




#17
Carbon Disulfide
Concen: 37.66 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

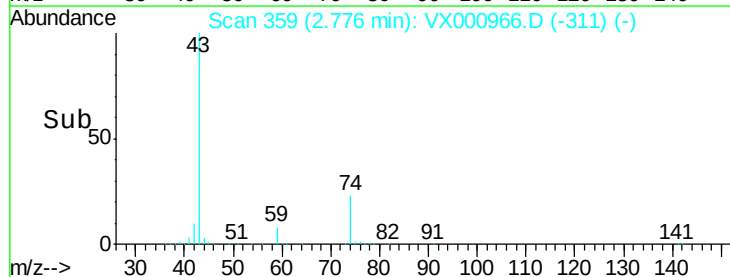
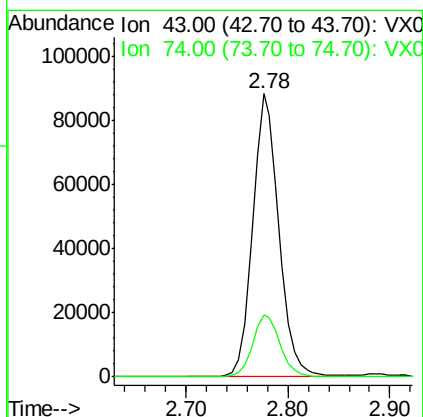
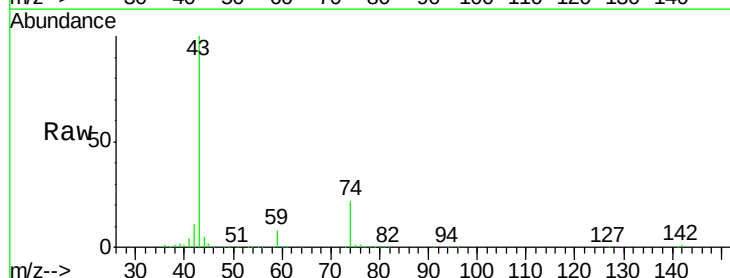
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

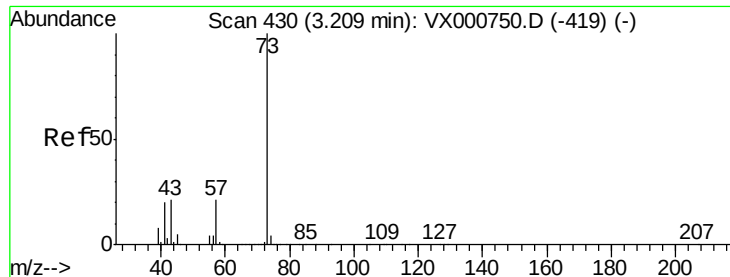
Tgt Ion: 76 Resp: 292367
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 50.04 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Tgt Ion: 43 Resp: 157297
Ion Ratio Lower Upper
43 100
74 23.4 19.1 28.7

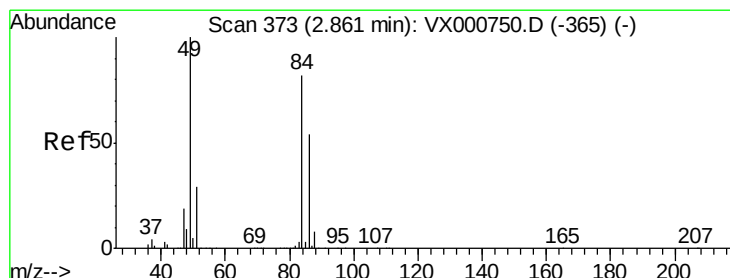
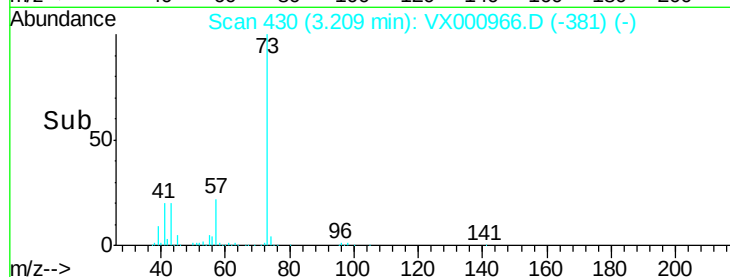
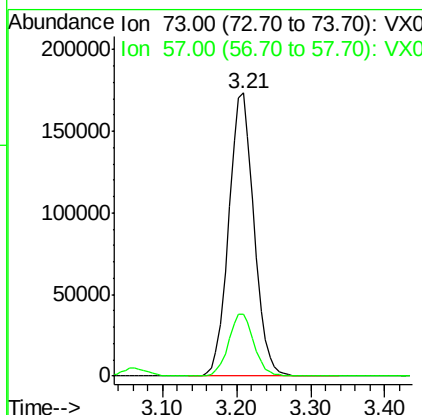
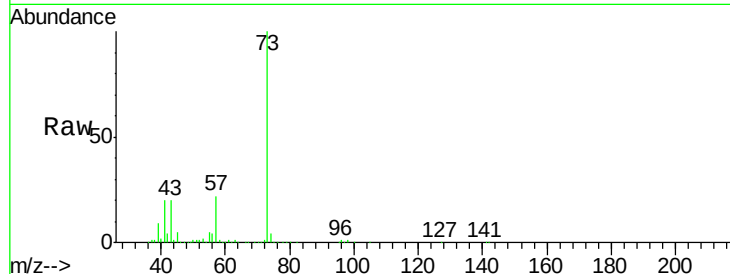




#19
Methyl tert-butyl Ether
Concen: 48.20 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

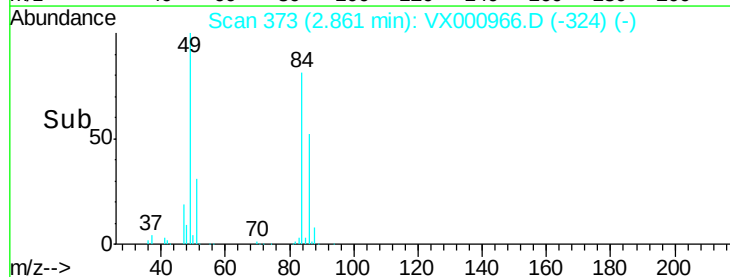
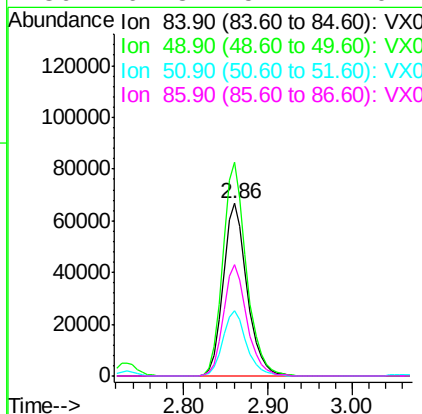
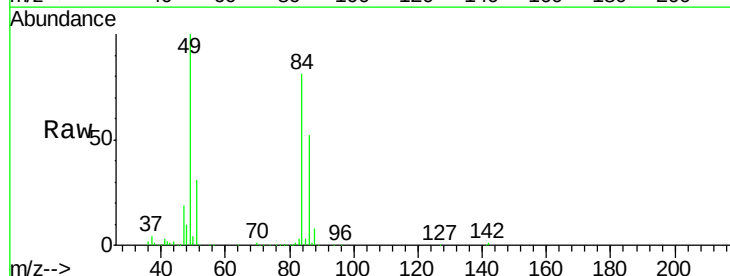
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

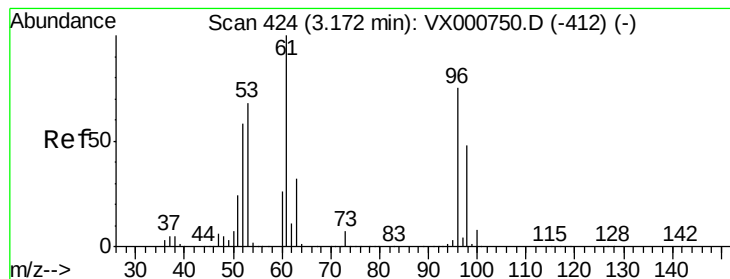
Tgt Ion: 73 Resp: 411651
Ion Ratio Lower Upper
73 100
57 21.9 16.9 25.3



#20
Methylene Chloride
Concen: 45.80 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Tgt Ion: 84 Resp: 129382
Ion Ratio Lower Upper
84 100
49 123.8 98.1 147.1
51 37.7 28.9 43.3
86 64.8 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 44.83 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

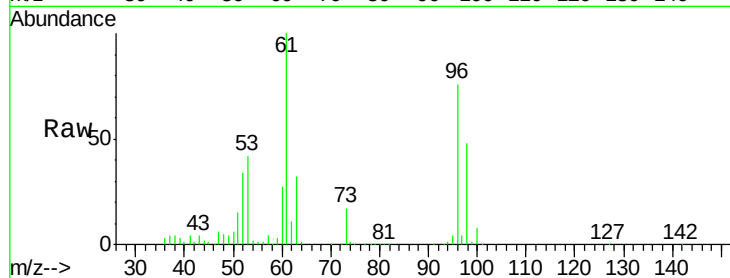
Tgt Ion: 96 Resp: 126748

Ion Ratio Lower Upper

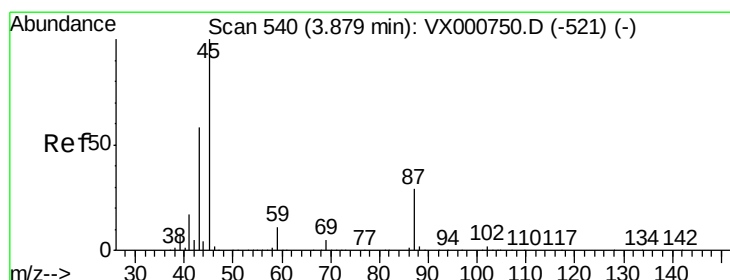
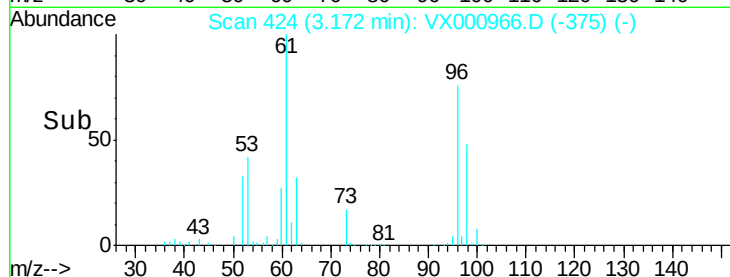
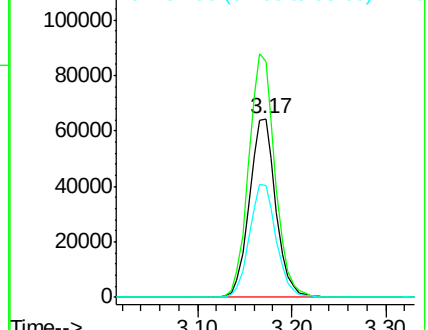
96 100

61 132.0 106.2 159.2

98 62.7 51.2 76.8



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: 48.56 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Tgt Ion: 45 Resp: 423090

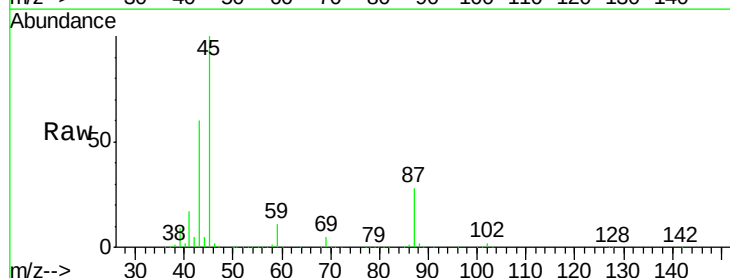
Ion Ratio Lower Upper

45 100

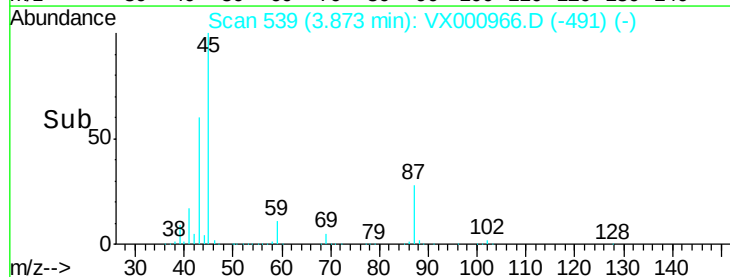
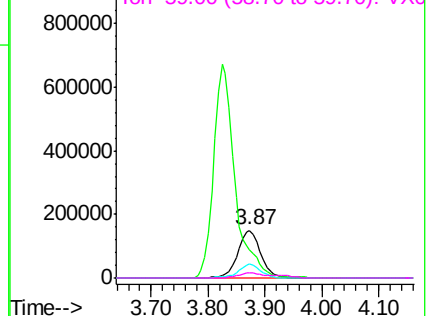
43 59.4 46.6 69.8

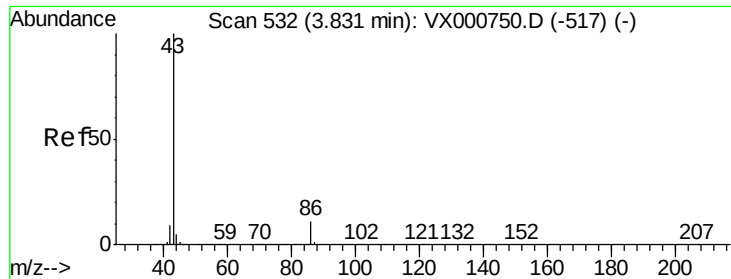
87 28.3 22.9 34.3

59 11.3 9.2 13.8



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: 228.90 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

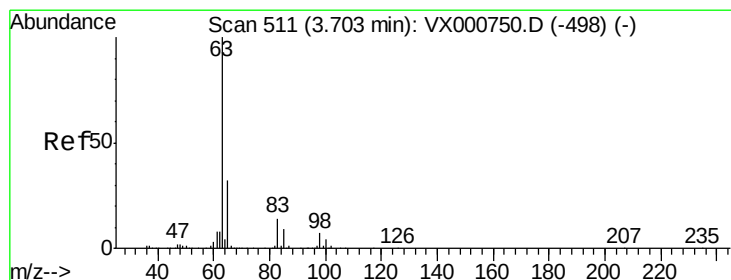
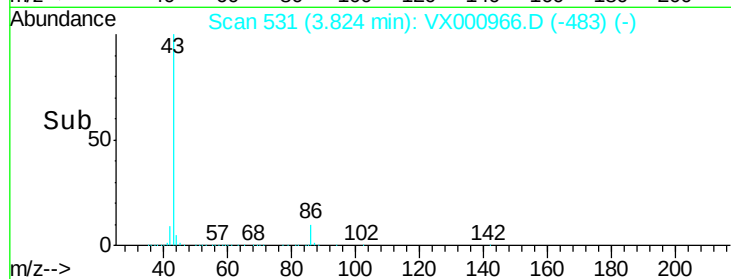
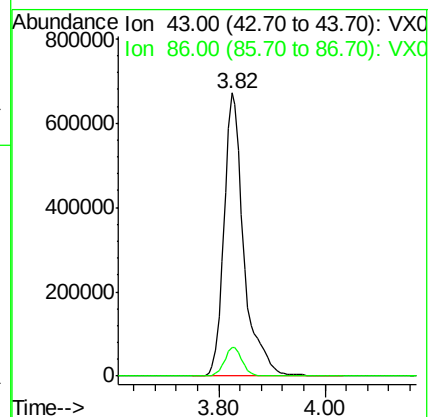
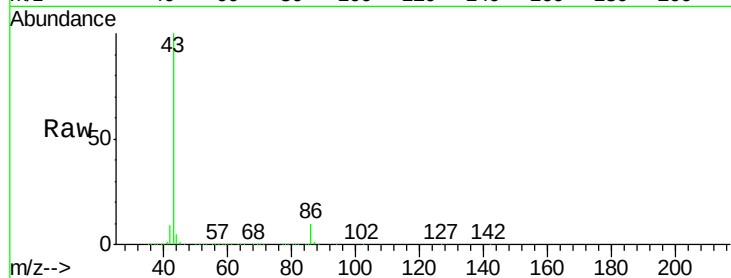
VSTDCCC050

Tgt Ion: 43 Resp: 1751051

Ion Ratio Lower Upper

43 100

86 10.1 8.6 12.8



#24

1,1-Dichloroethane

Concen: 47.38 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

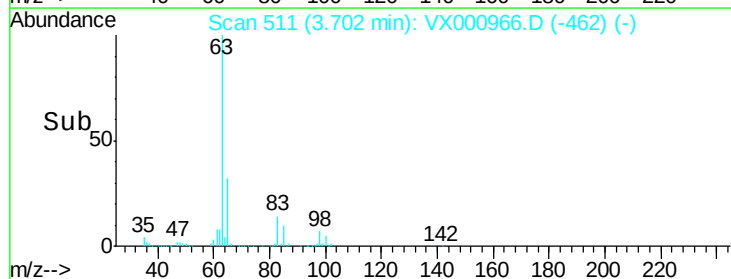
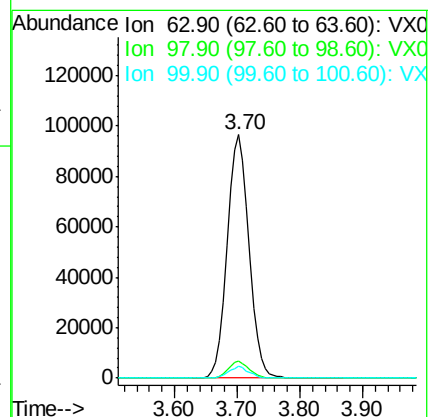
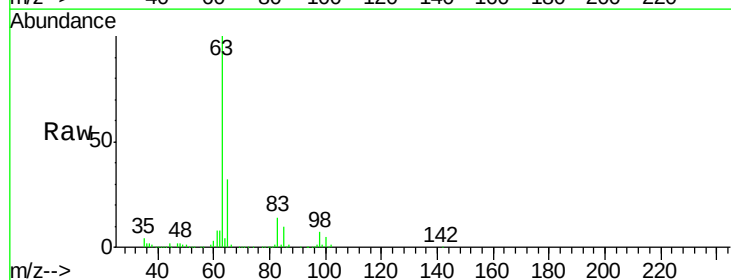
Tgt Ion: 63 Resp: 231636

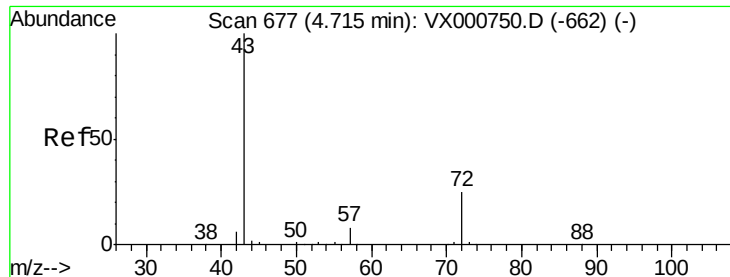
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 4.7 2.1 6.3





#25

2-Butanone

Concen: 218.15 ug/l

RT: 4.70 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

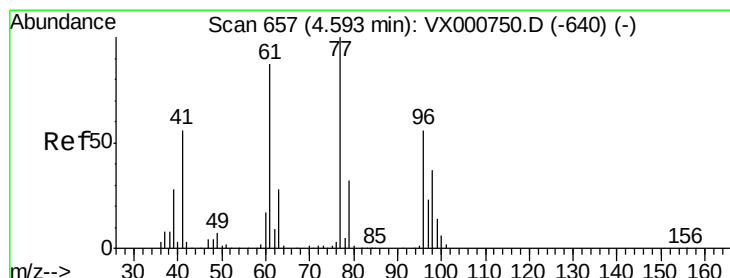
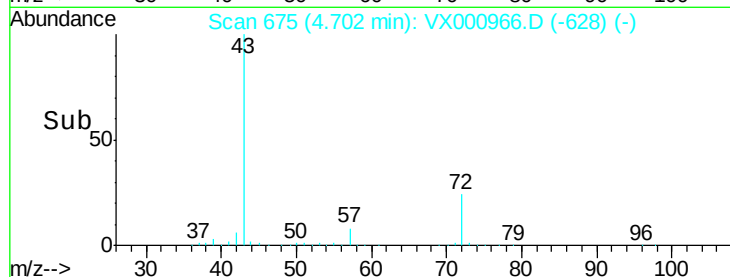
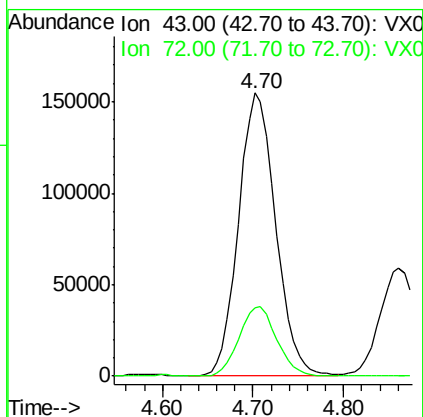
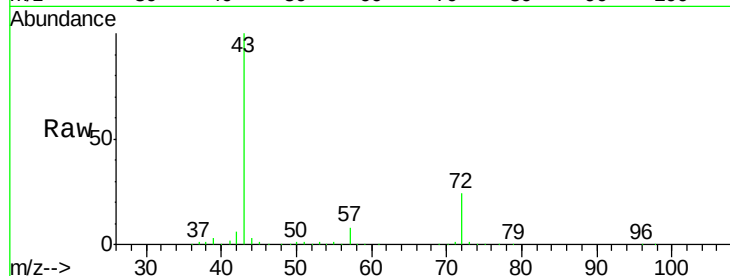
VSTDCCC050

Tgt Ion: 43 Resp: 437591

Ion Ratio Lower Upper

43 100

72 24.2 20.3 30.5



#26

2,2-Dichloropropane

Concen: 44.36 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000966.D

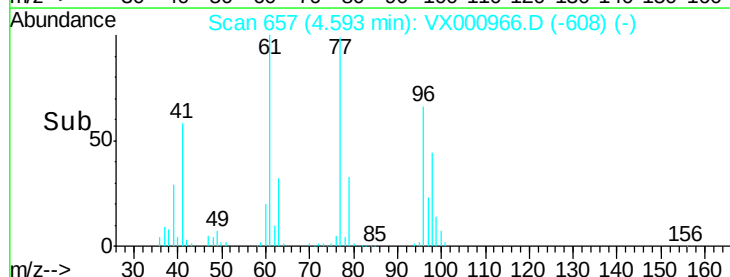
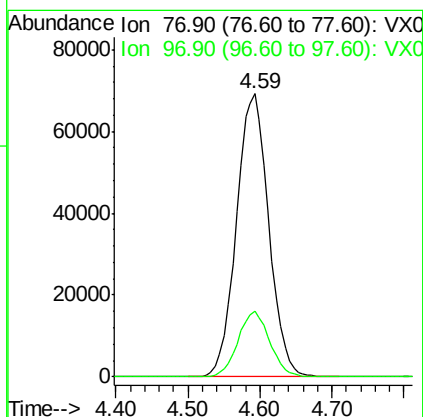
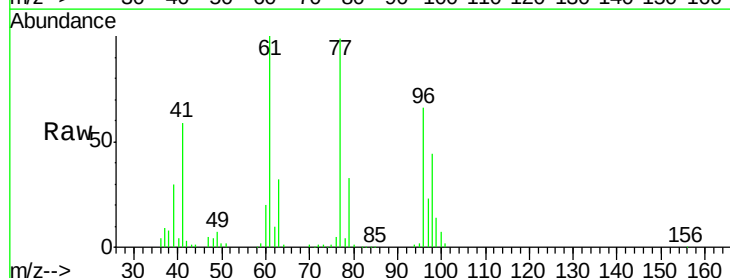
Acq: 17 Apr 2018 15:41

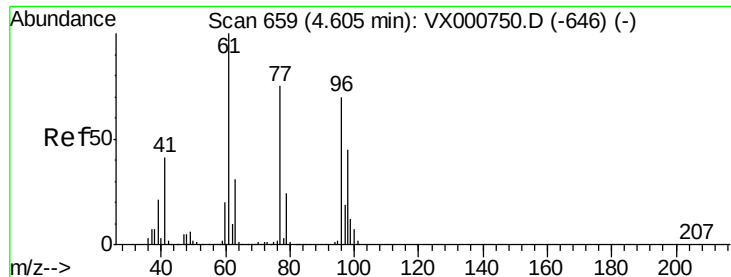
Tgt Ion: 77 Resp: 215259

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 47.48 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

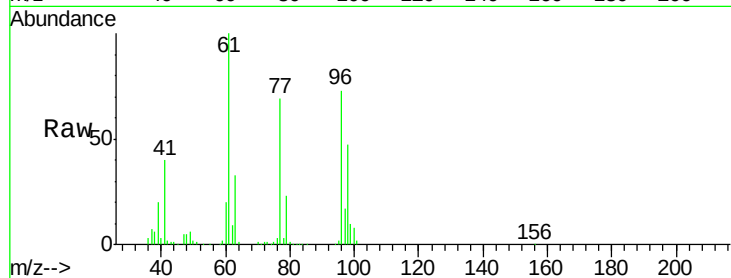
Tgt Ion: 96 Resp: 152362

Ion Ratio Lower Upper

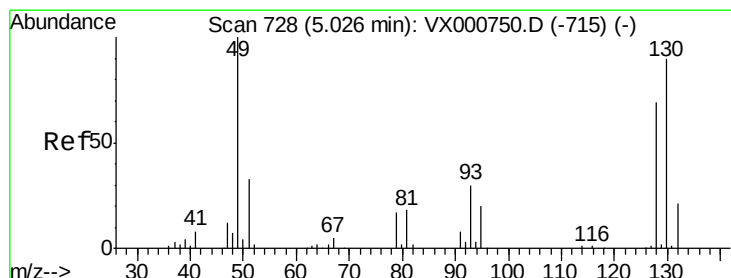
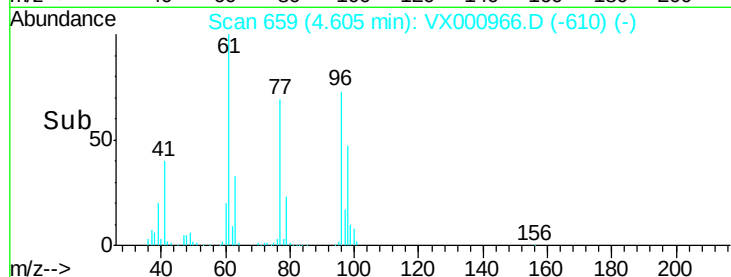
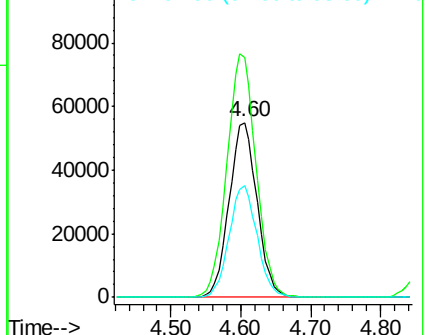
96 100

61 145.0 0.0 292.4

98 63.8 0.0 130.2



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



#28

Bromochloromethane

Concen: 43.64 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

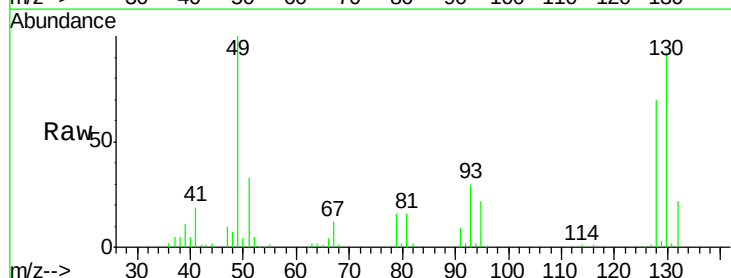
Tgt Ion: 49 Resp: 85914

Ion Ratio Lower Upper

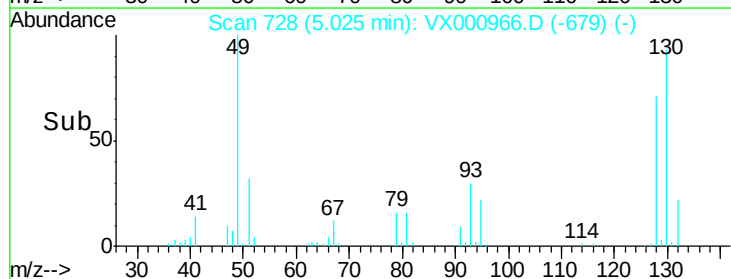
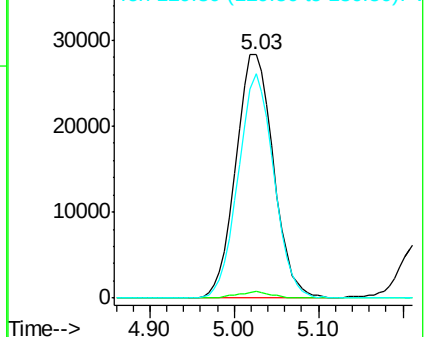
49 100

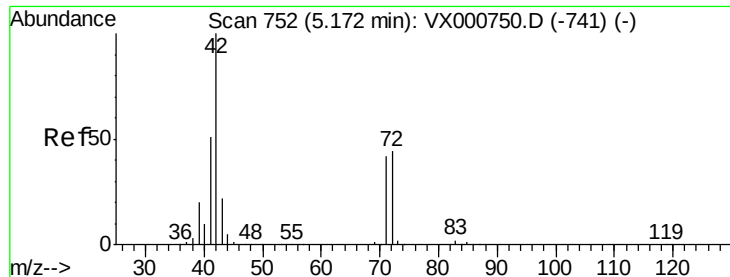
129 2.2 0.0 5.2

130 87.1 72.6 109.0



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: 213.16 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

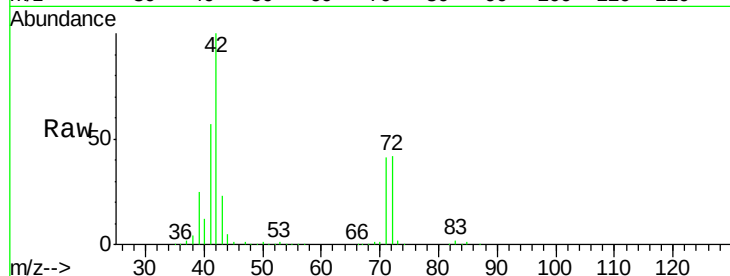
Tgt Ion: 42 Resp: 271492

Ion Ratio Lower Upper

42 100

72 42.9 35.1 52.7

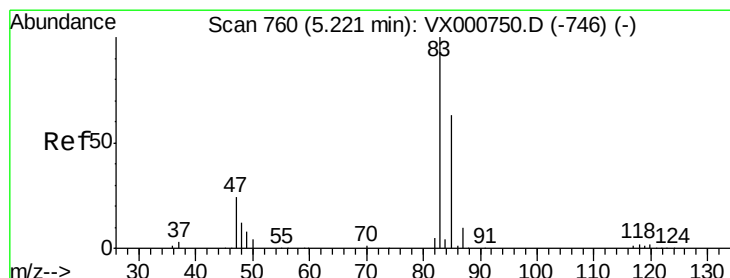
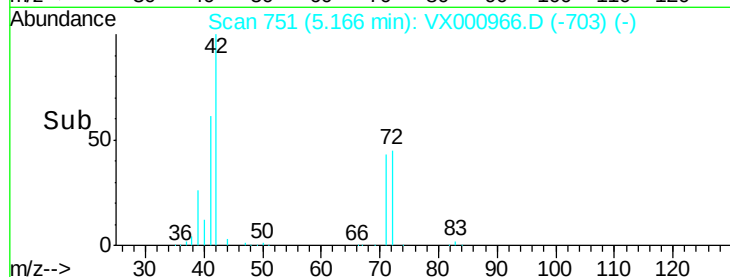
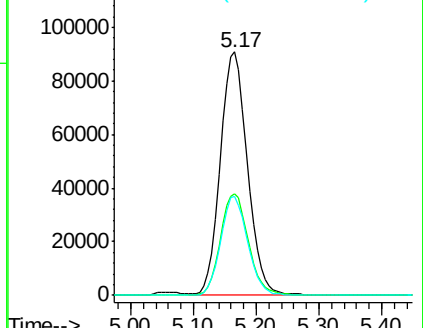
71 40.7 32.8 49.2



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.65 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX000966.D

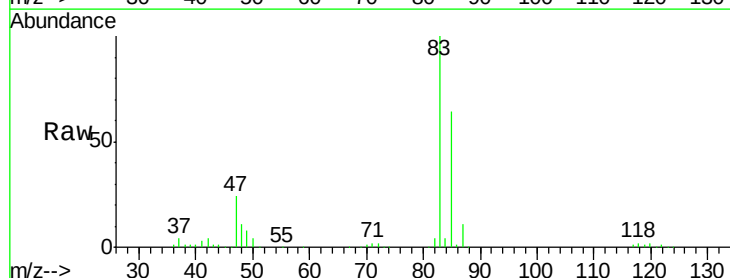
Acq: 17 Apr 2018 15:41

Tgt Ion: 83 Resp: 251804

Ion Ratio Lower Upper

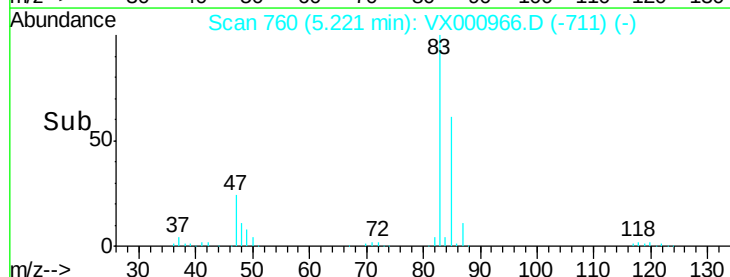
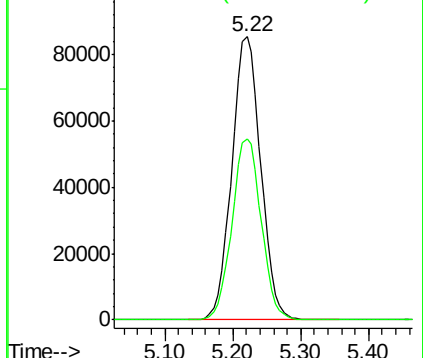
83 100

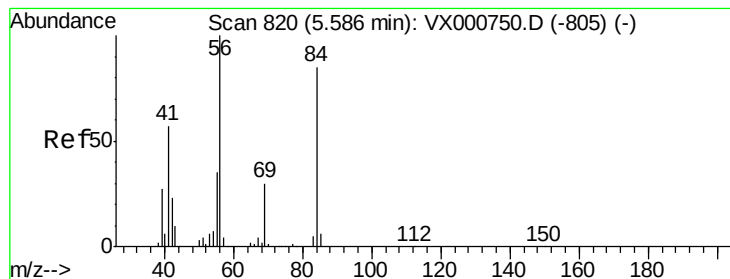
85 63.8 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 44.57 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

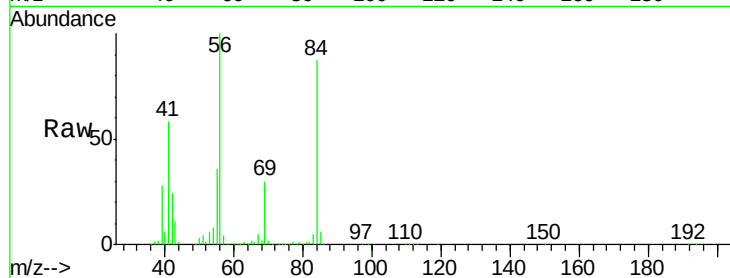
Tgt Ion: 56 Resp: 206956

Ion Ratio Lower Upper

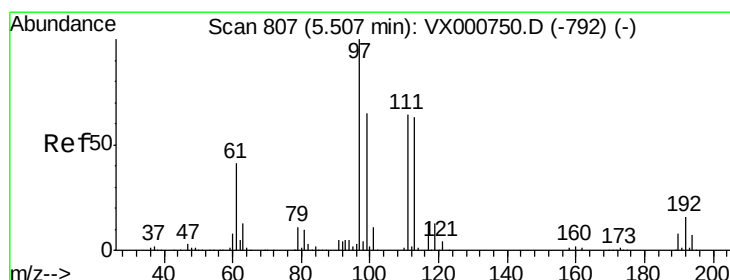
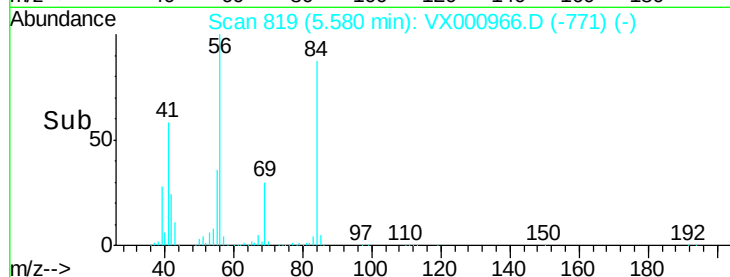
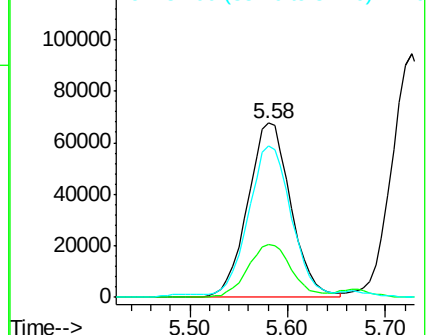
56 100

69 30.4 24.2 36.4

84 85.4 67.6 101.4



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



#32

1,1,1-Trichloroethane

Concen: 45.43 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

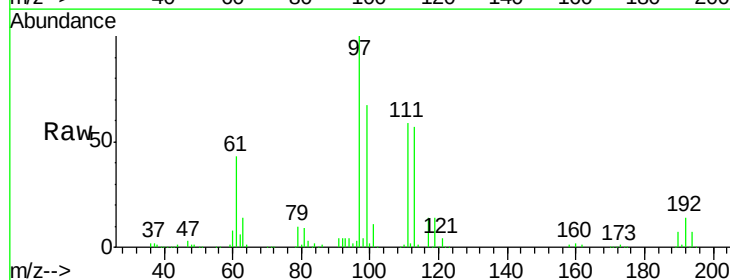
Tgt Ion: 97 Resp: 224032

Ion Ratio Lower Upper

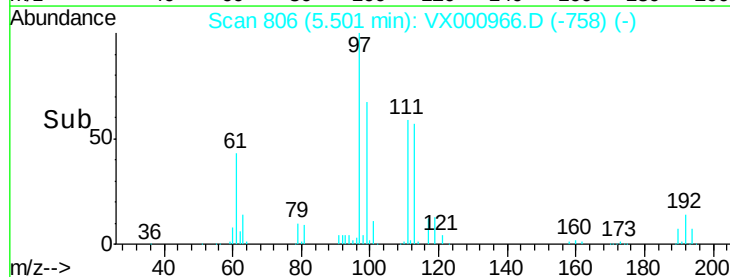
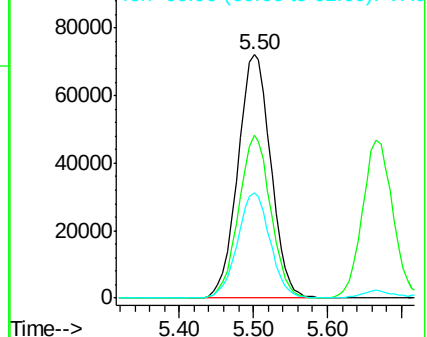
97 100

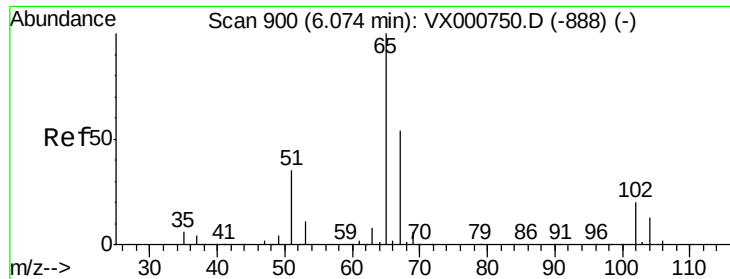
99 65.1 51.4 77.0

61 42.9 33.7 50.5



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

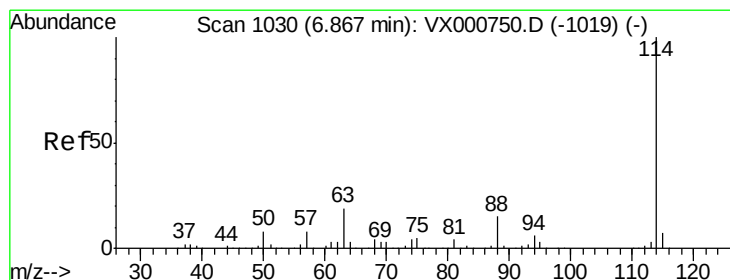
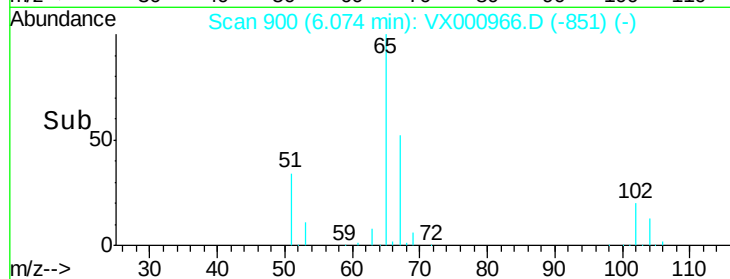
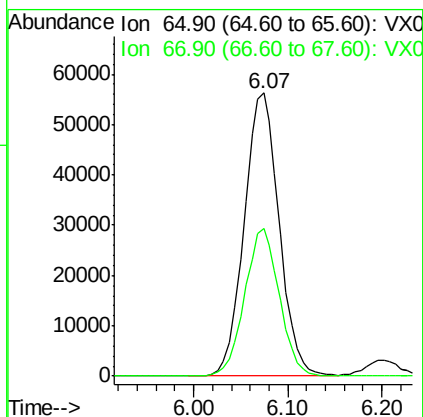
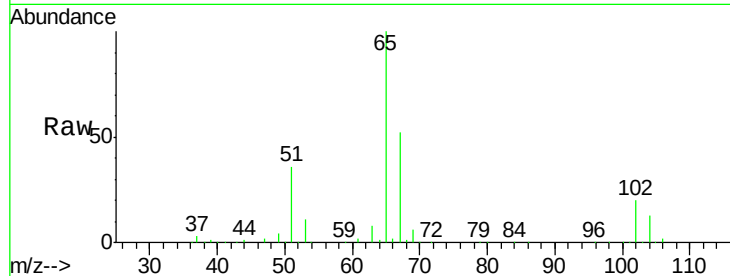




#33
 1,2-Dichloroethane-d4
 Concen: 41.51 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

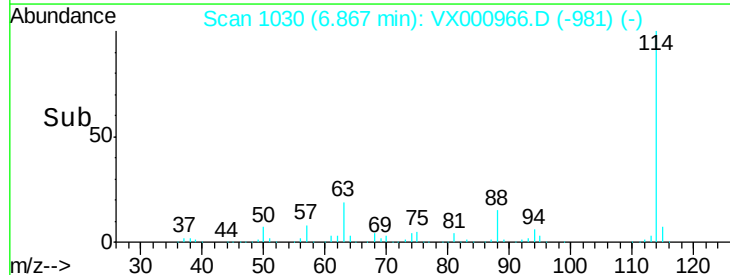
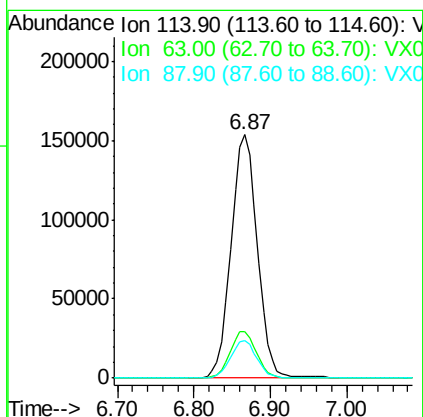
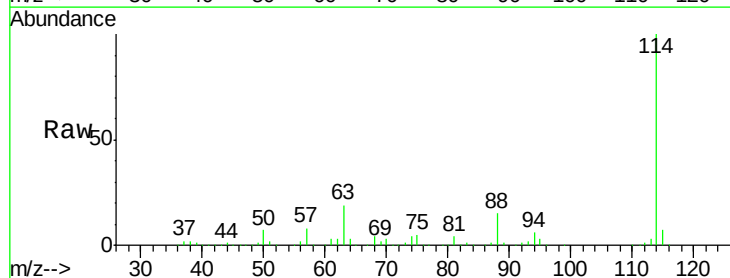
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

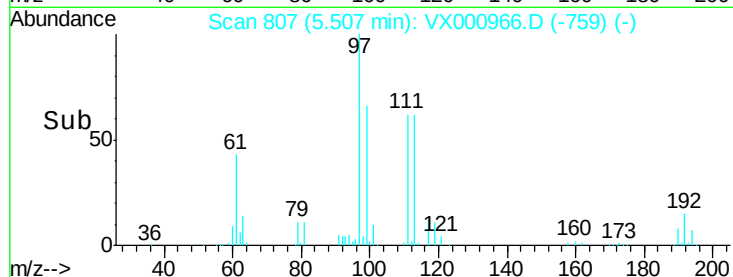
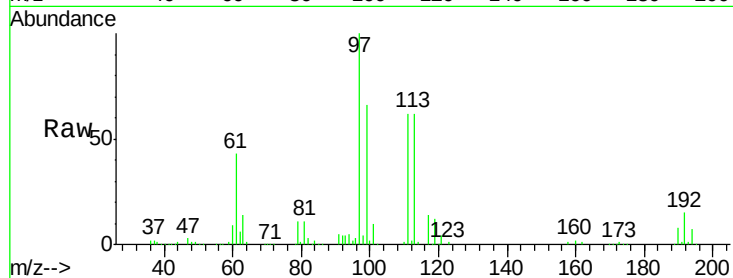
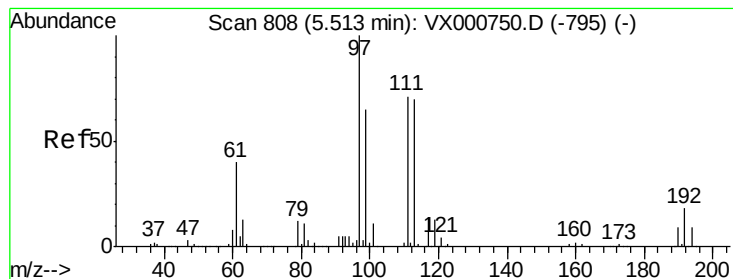
Tgt Ion: 65 Resp: 146226
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

Tgt Ion: 114 Resp: 366382
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 15.3 0.0 31.0





#35

Dibromofluoromethane

Concen: 43.87 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

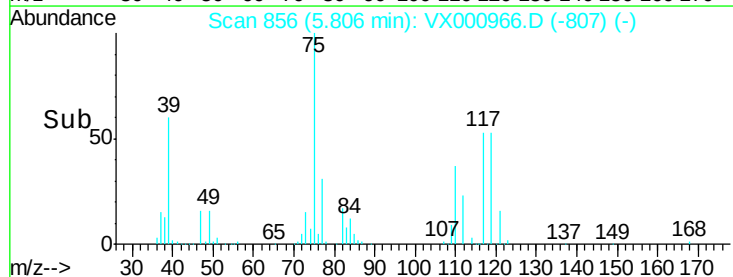
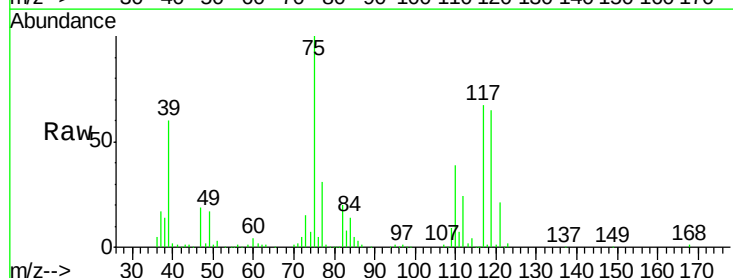
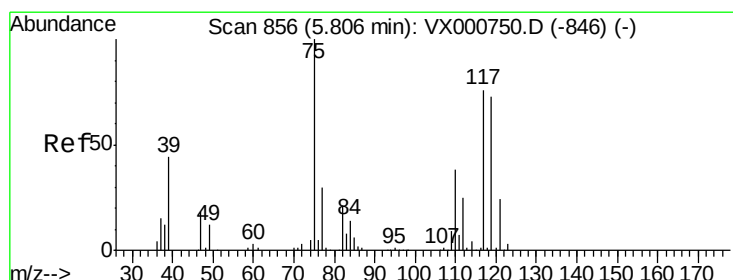
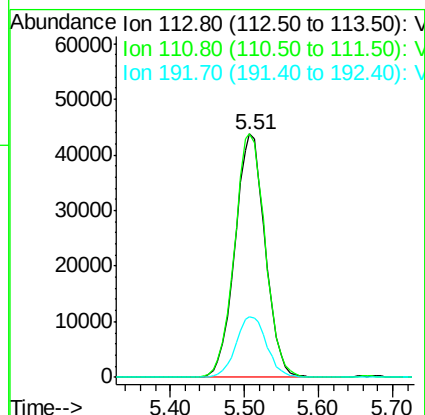
Tgt Ion:113 Resp: 123845

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

192 25.3 20.4 30.6



#36

1,1-Dichloropropene

Concen: 46.92 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

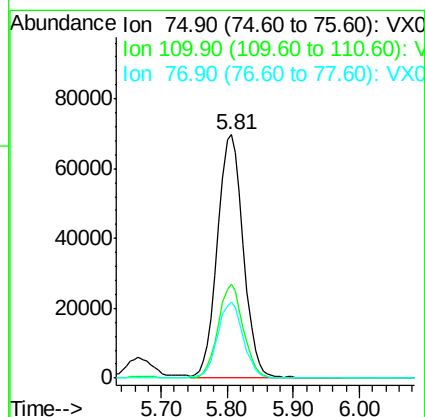
Tgt Ion: 75 Resp: 189333

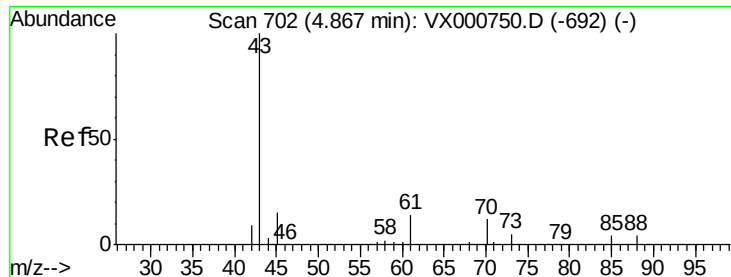
Ion Ratio Lower Upper

75 100

110 37.4 19.2 57.6

77 31.0 25.4 38.2

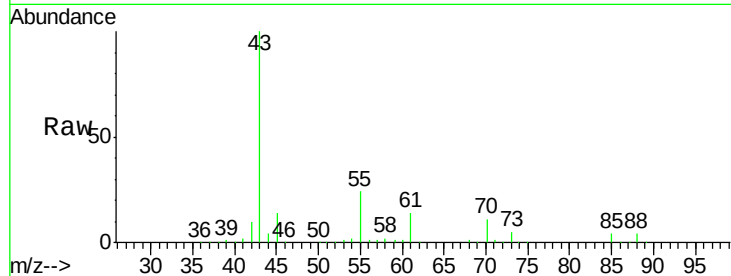




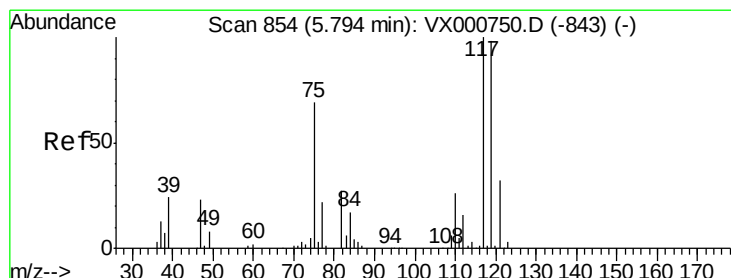
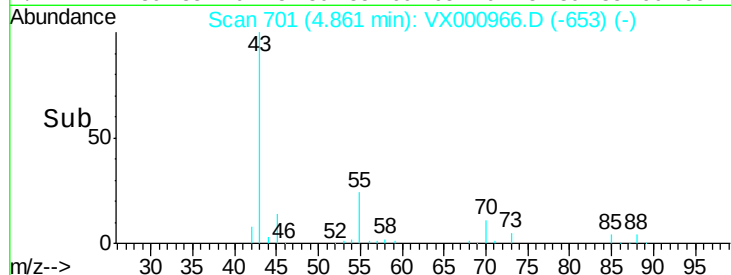
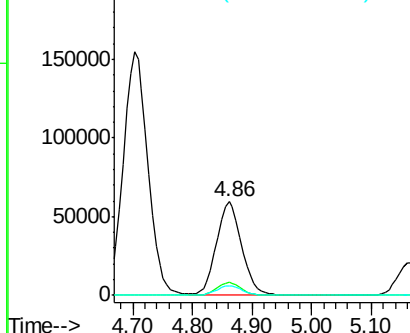
#37
Ethyl Acetate
Concen: 44.24 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 174262
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.4
70 10.5 8.7 13.1

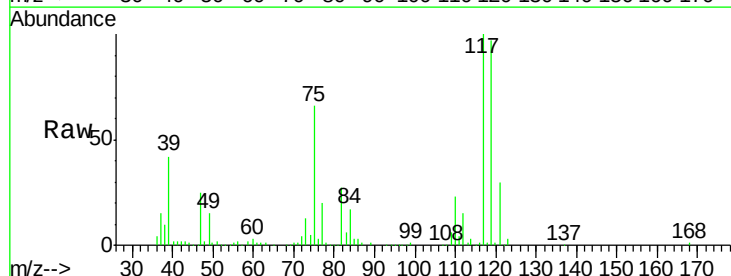


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

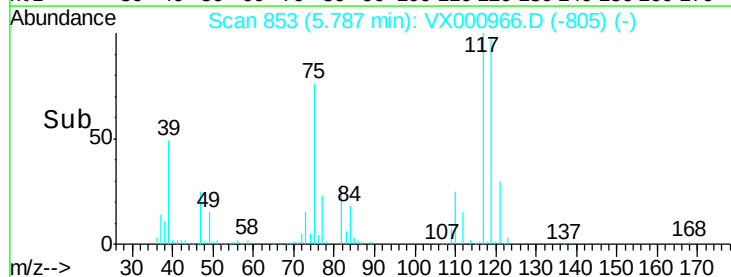
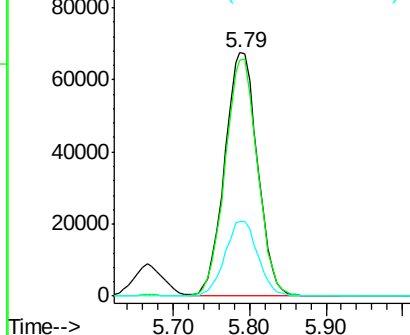


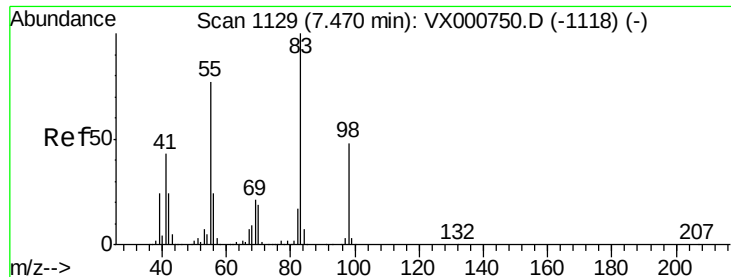
#38
Carbon Tetrachloride
Concen: 44.61 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Tgt Ion: 117 Resp: 201448
Ion Ratio Lower Upper
117 100
119 96.8 78.4 117.6
121 30.5 25.4 38.0



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

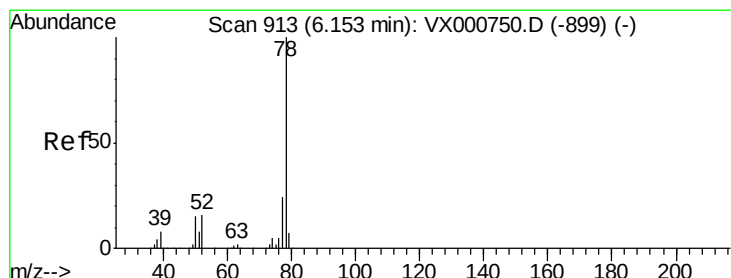
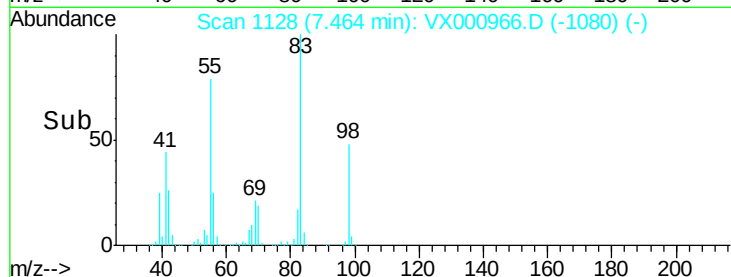
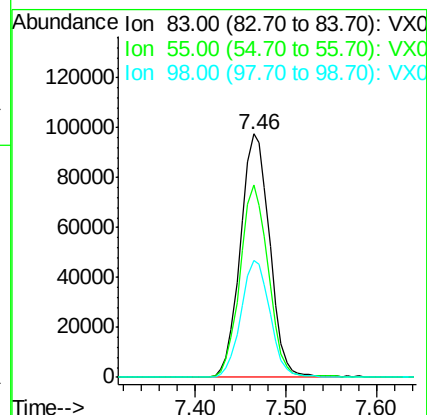
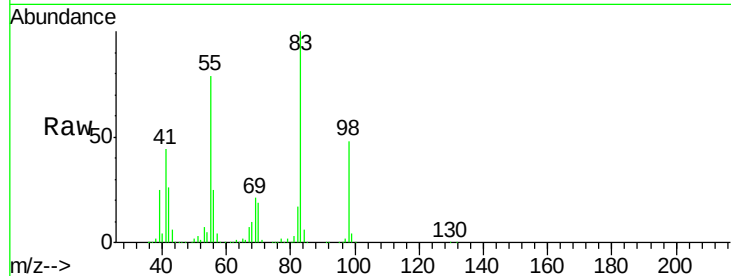




#39
Methylcyclohexane
Concen: 45.19 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

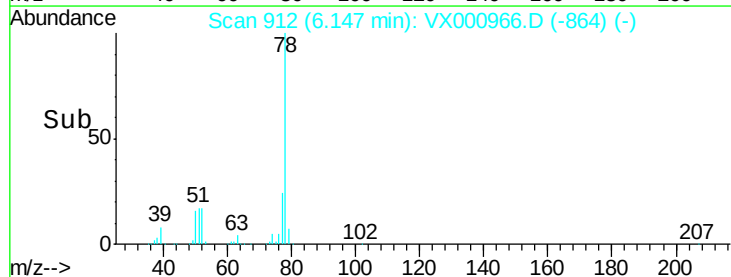
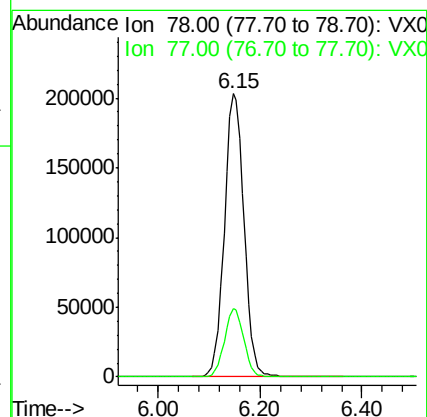
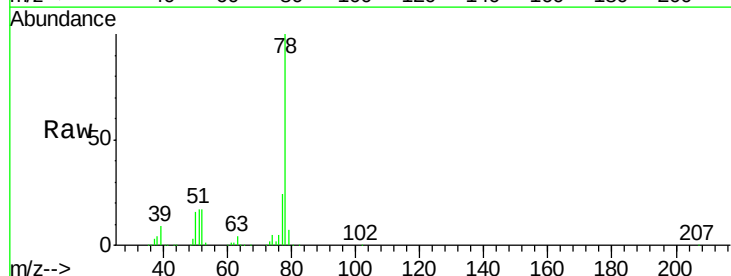
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

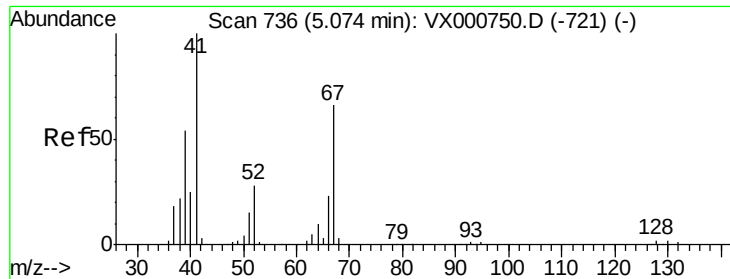
Tgt Ion: 83 Resp: 218986
Ion Ratio Lower Upper
83 100
55 79.0 61.5 92.3
98 48.0 38.1 57.1



#40
Benzene
Concen: 48.14 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Tgt Ion: 78 Resp: 539664
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6

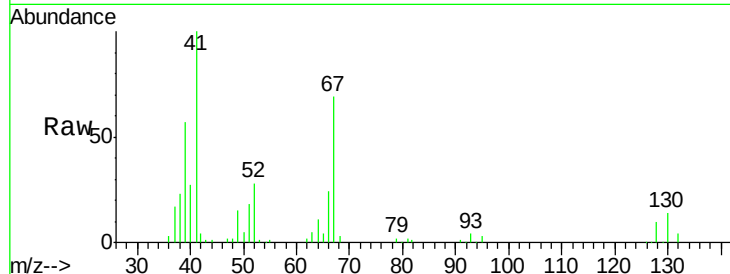




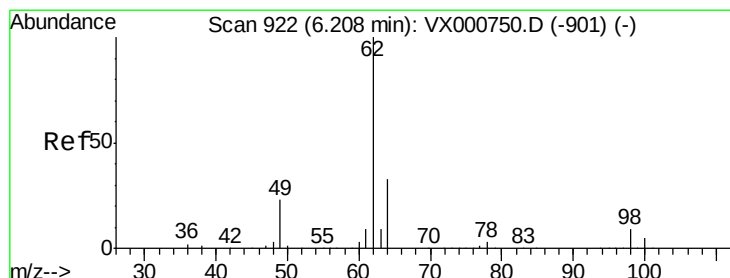
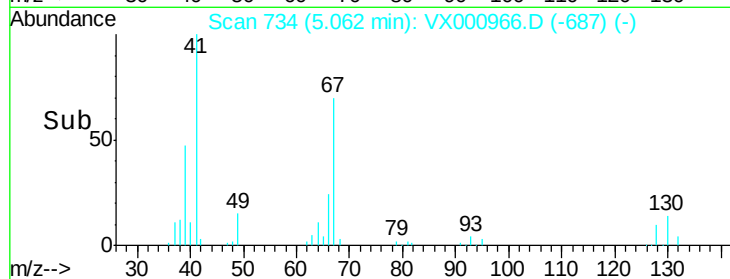
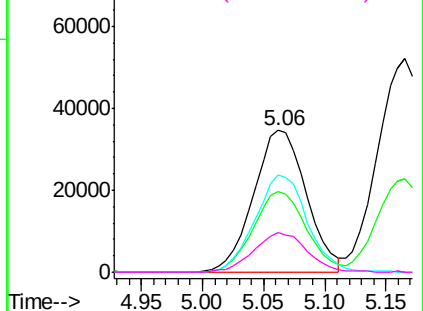
#41
Methacrylonitrile
Concen: 45.77 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	104162
Ion	Ratio	Lower	Upper
41	100		
39	57.0	44.9	67.3
67	68.2	54.7	82.1
52	28.6	23.0	34.6

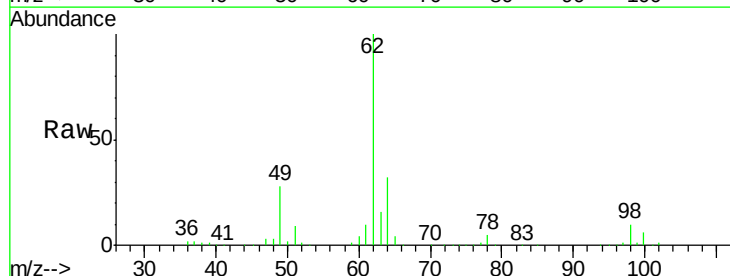


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

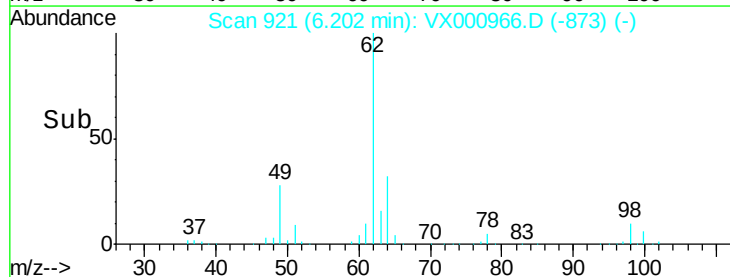
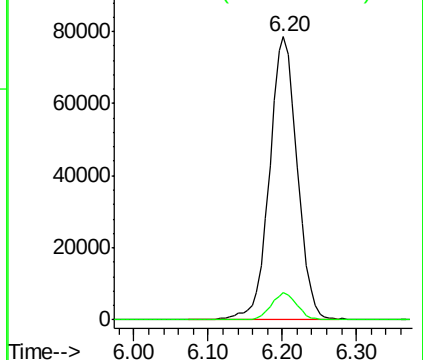


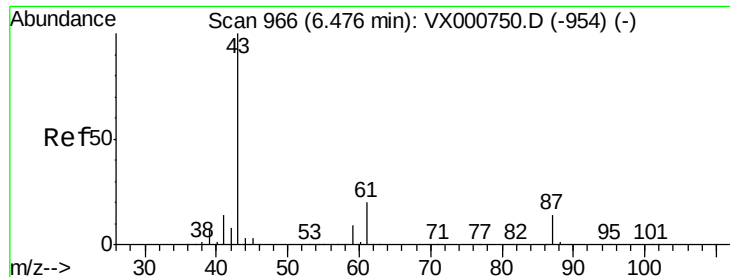
#42
1,2-Dichloroethane
Concen: 48.60 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Tgt Ion:	62	Resp:	203496
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.6



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





#43

Isopropyl Acetate

Concen: 44.72 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

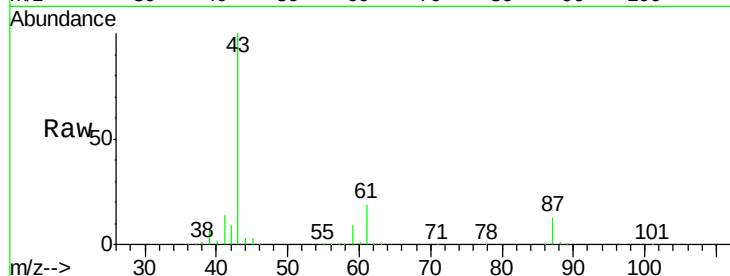
Tgt Ion: 43 Resp: 302004

Ion Ratio Lower Upper

43 100

61 19.5 15.6 23.4

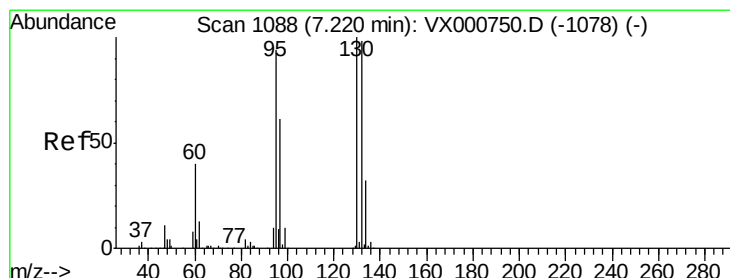
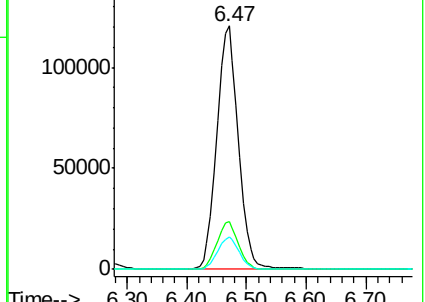
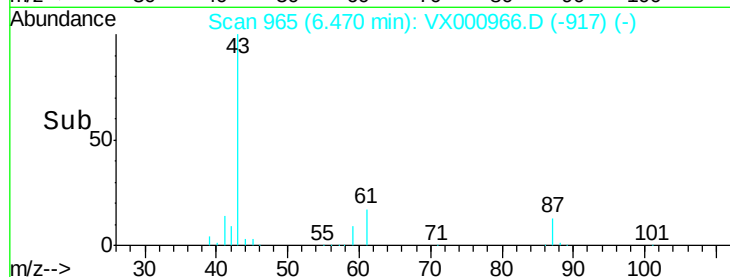
87 13.2 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX000966.D (-917) (-)

Ion 61.00 (60.70 to 61.70): VX000966.D (-917) (-)

Ion 87.00 (86.70 to 87.70): VX000966.D (-917) (-)



#44

Trichloroethene

Concen: 47.81 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000966.D

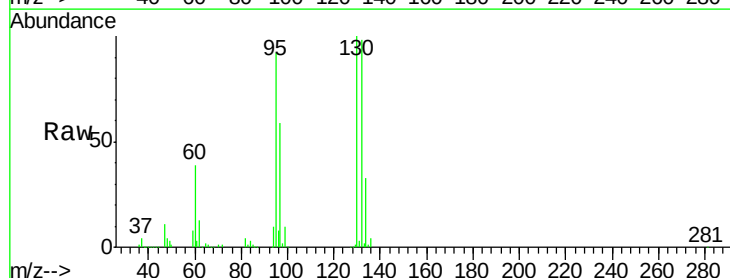
Acq: 17 Apr 2018 15:41

Tgt Ion: 130 Resp: 166703

Ion Ratio Lower Upper

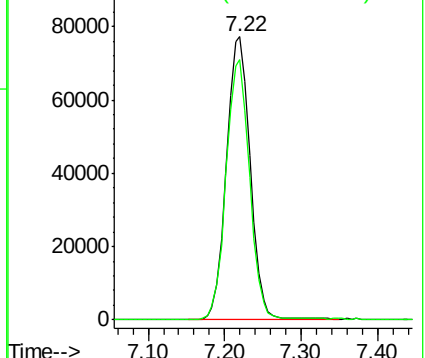
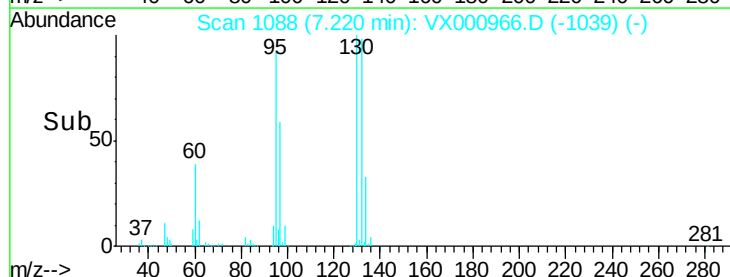
130 100

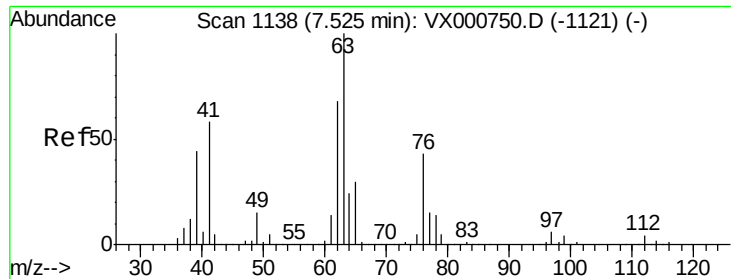
95 91.8 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): VX000966.D (-1039) (-)

Ion 94.90 (94.60 to 95.60): VX000966.D (-1039) (-)

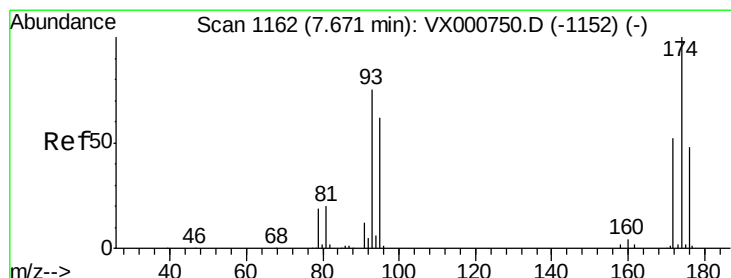
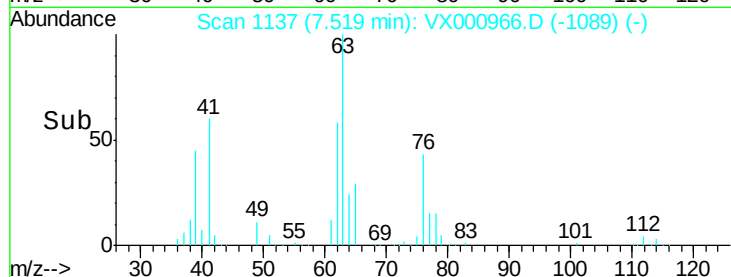
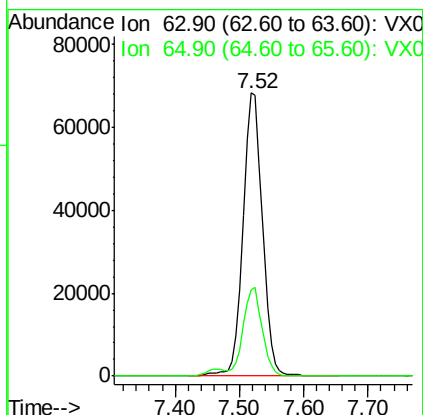
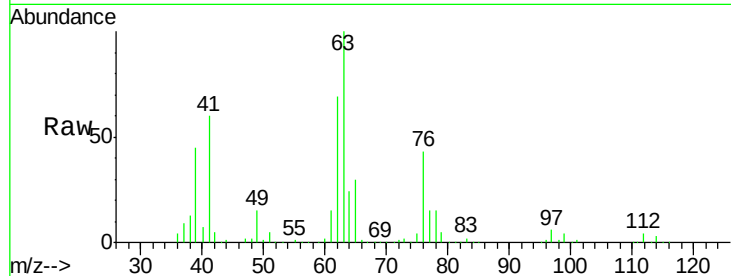




#45
 1,2-Dichloropropane
 Concen: 49.63 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

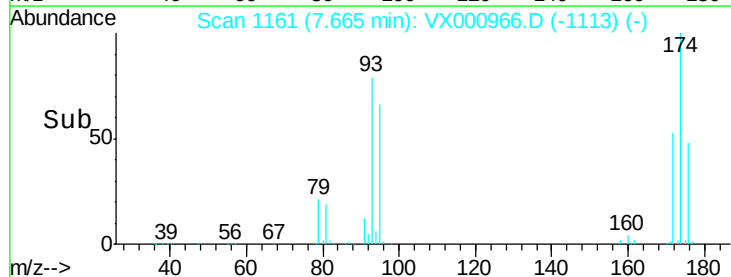
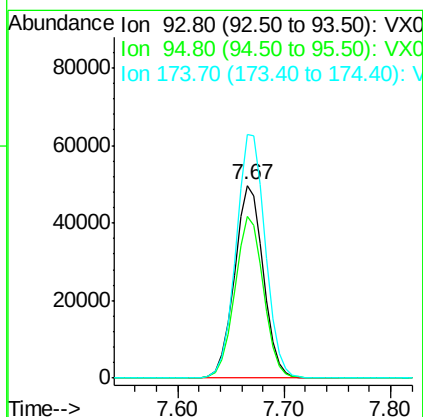
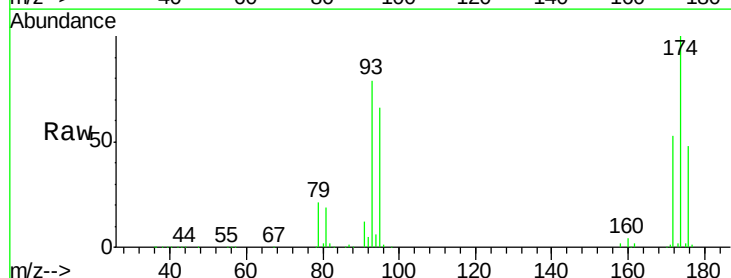
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

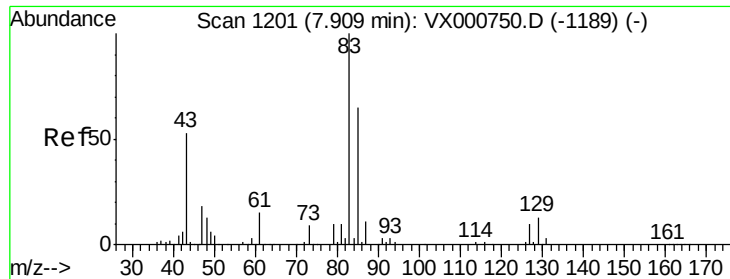
Tgt Ion: 63 Resp: 141685
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.7 35.5



#46
 Dibromomethane
 Concen: 47.45 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

Tgt Ion: 93 Resp: 94447
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.6 100.0
 174 128.7 104.5 156.7





#47

Bromodichloromethane

Concen: 46.91 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

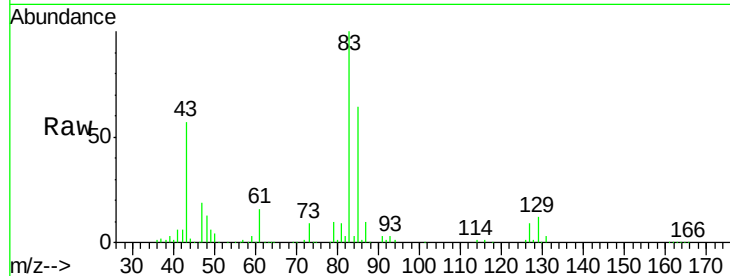
Tgt Ion: 83 Resp: 188469

Ion Ratio Lower Upper

83 100

85 63.7 52.2 78.4

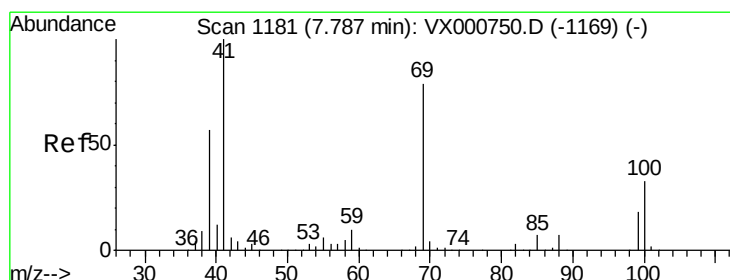
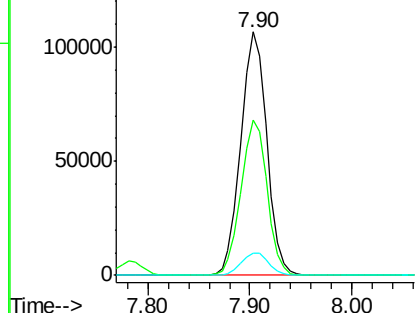
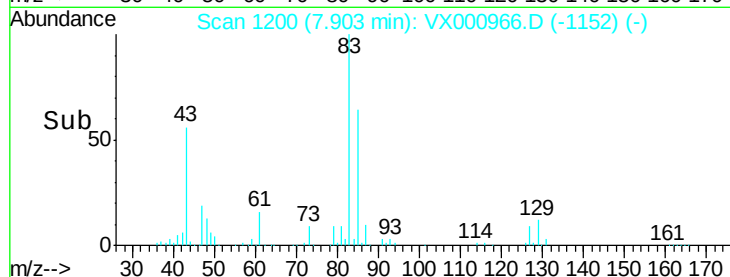
127 9.0 7.8 11.8



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: 46.04 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

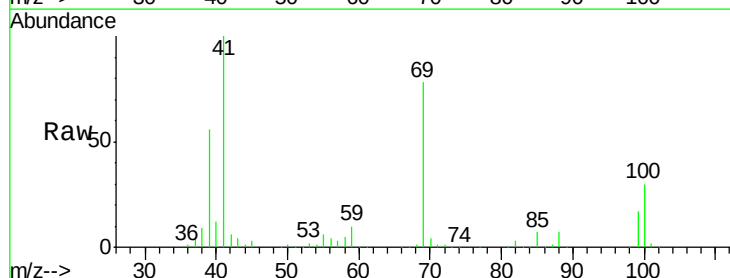
Tgt Ion: 41 Resp: 161176

Ion Ratio Lower Upper

41 100

69 79.5 63.9 95.9

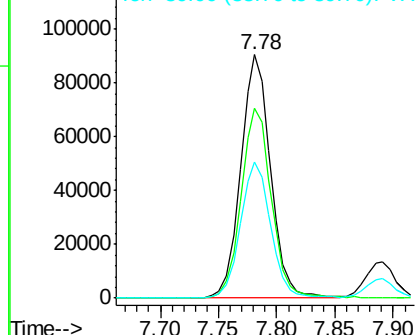
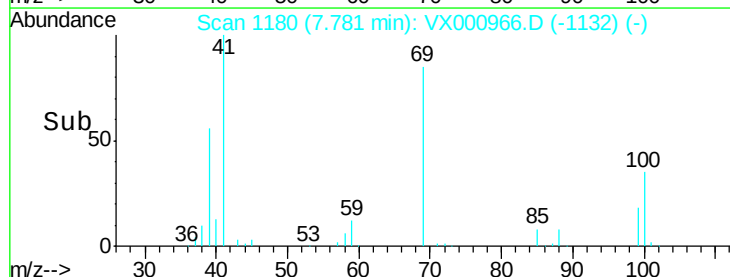
39 56.6 45.9 68.9

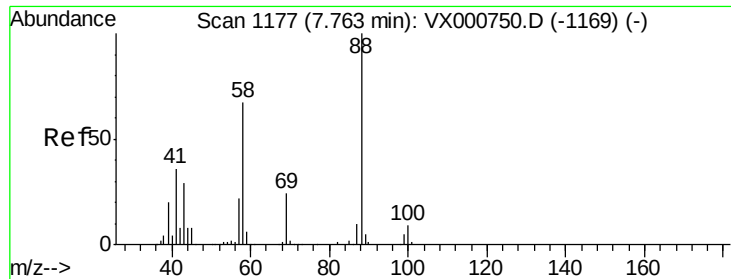


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 670.91 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

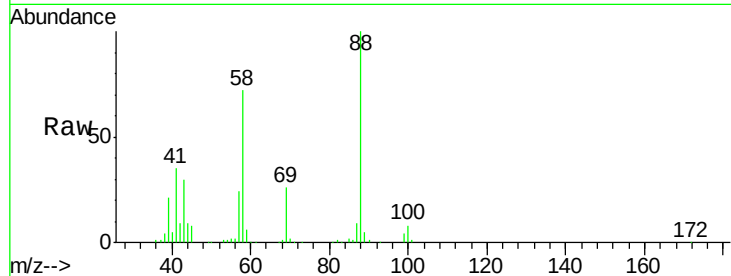
Tgt Ion: 88 Resp: 47198

Ion Ratio Lower Upper

88 100

43 35.3 25.8 38.8

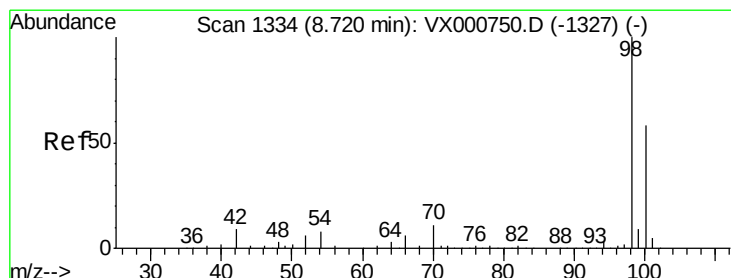
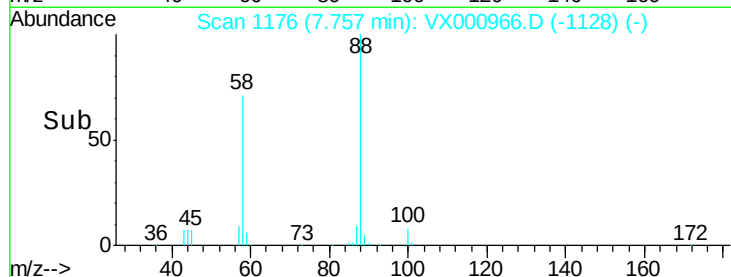
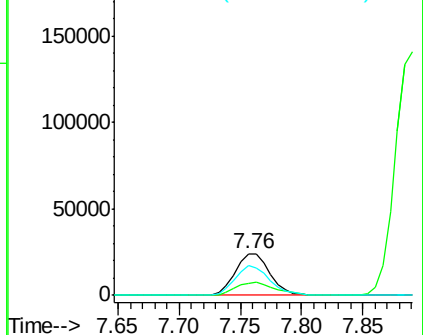
58 71.2 54.4 81.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 43.56 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX000966.D

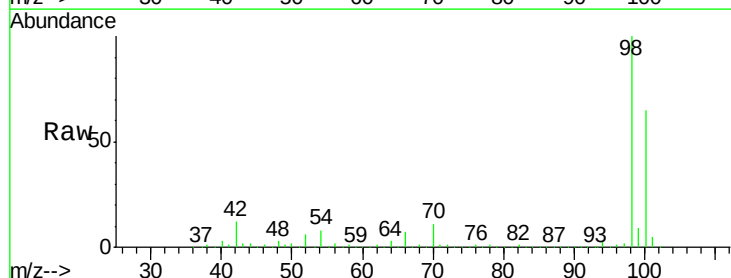
Acq: 17 Apr 2018 15:41

Tgt Ion: 98 Resp: 457827

Ion Ratio Lower Upper

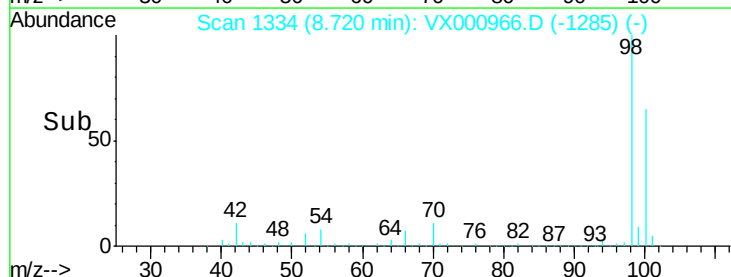
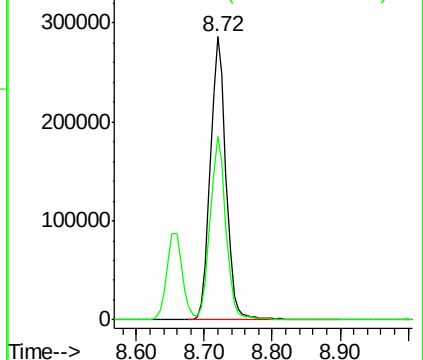
98 100

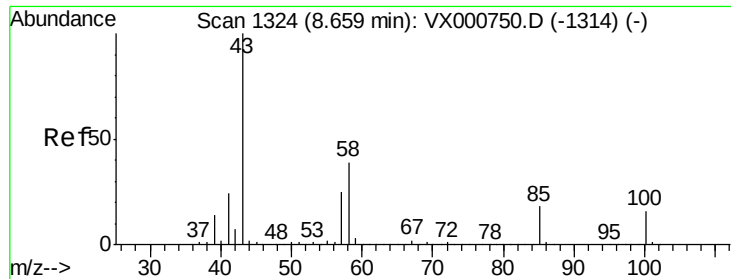
100 64.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 229.01 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

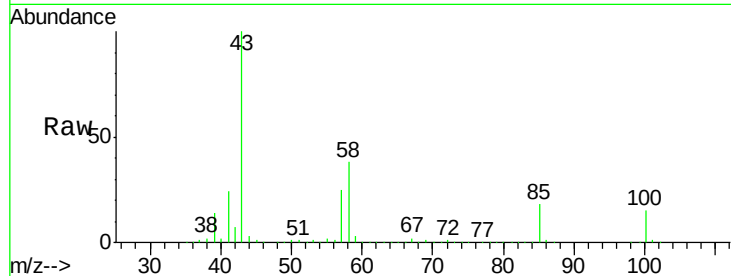
VSTDCCC050

Tgt Ion: 43 Resp: 908480

Ion Ratio Lower Upper

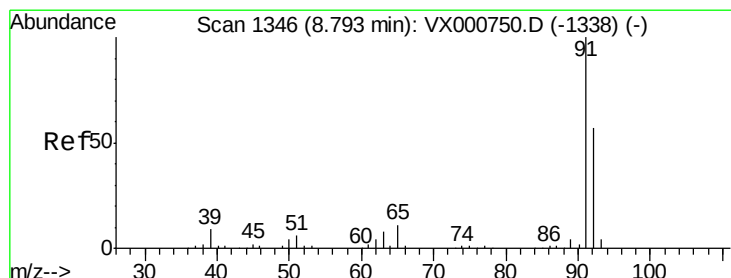
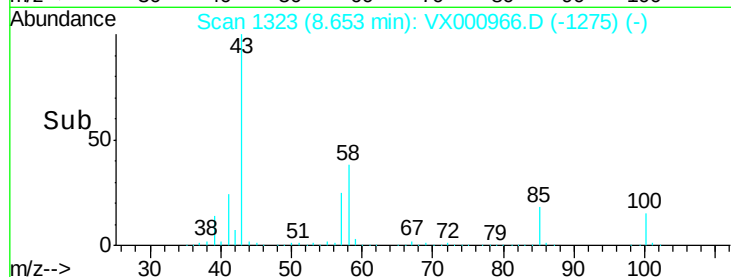
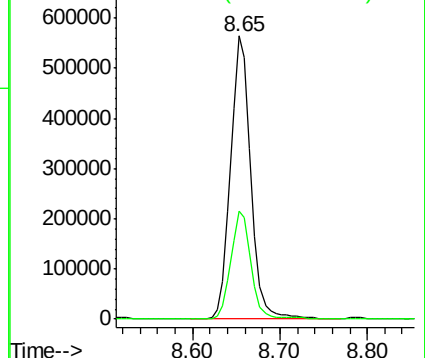
43 100

58 38.5 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.09 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX000966.D

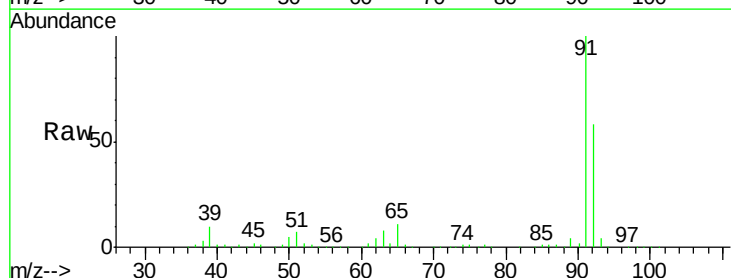
Acq: 17 Apr 2018 15:41

Tgt Ion: 92 Resp: 357738

Ion Ratio Lower Upper

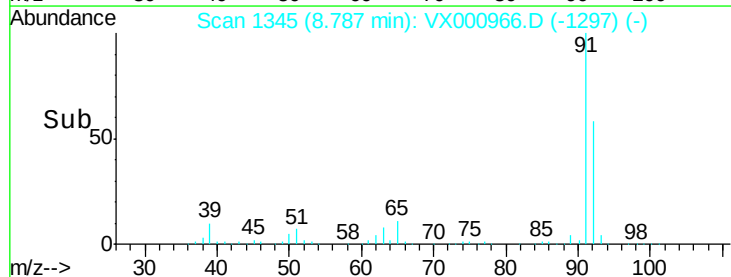
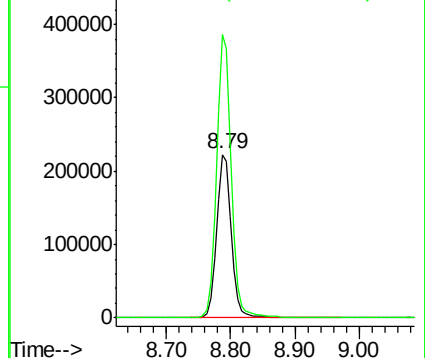
92 100

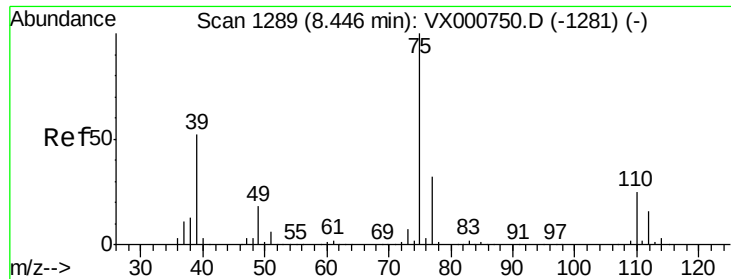
91 172.6 139.0 208.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 47.96 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

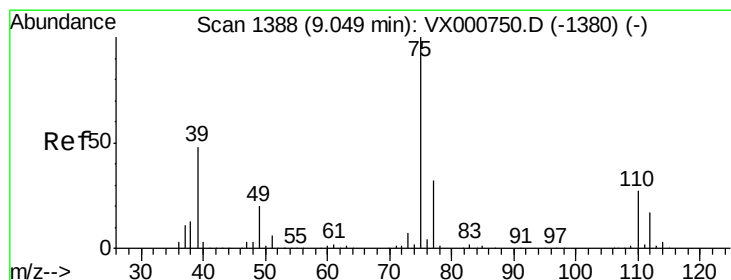
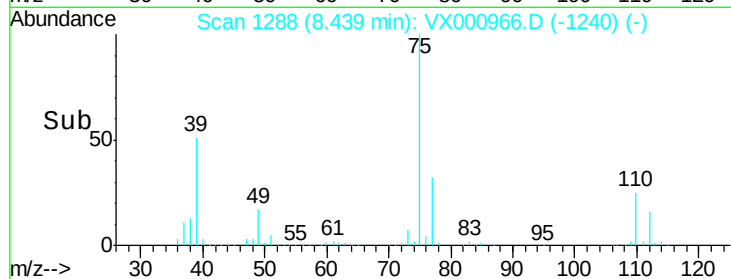
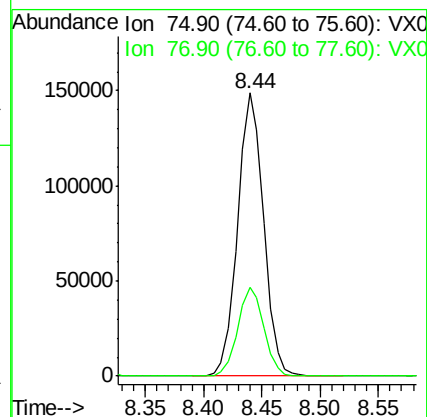
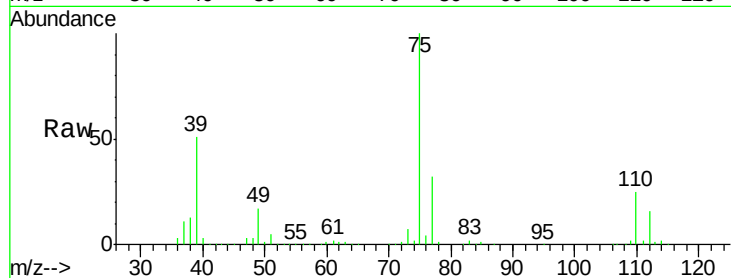
VSTDCCC050

Tgt Ion: 75 Resp: 231083

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 46.95 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

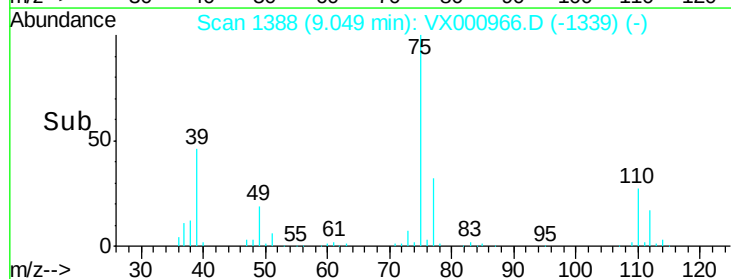
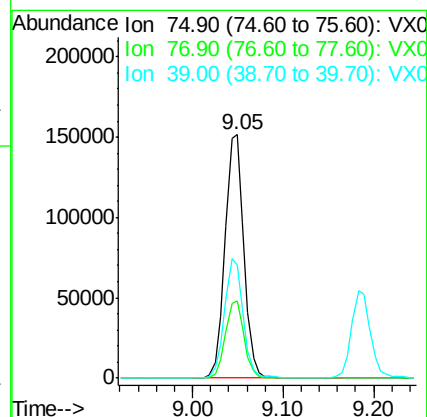
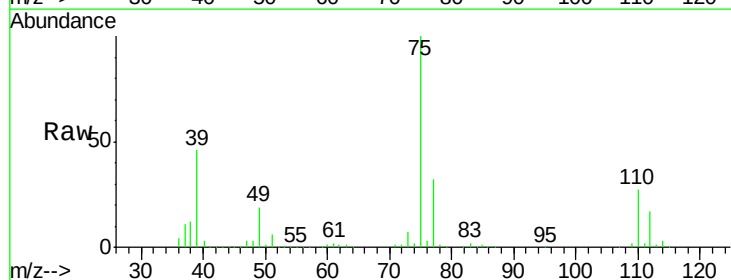
Tgt Ion: 75 Resp: 220279

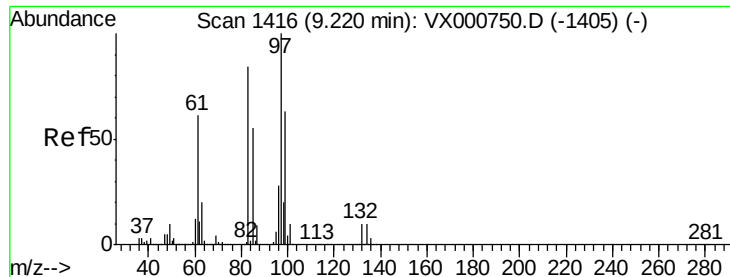
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

39 46.3 38.6 58.0

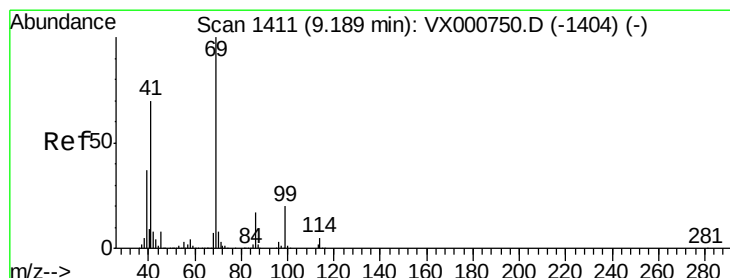
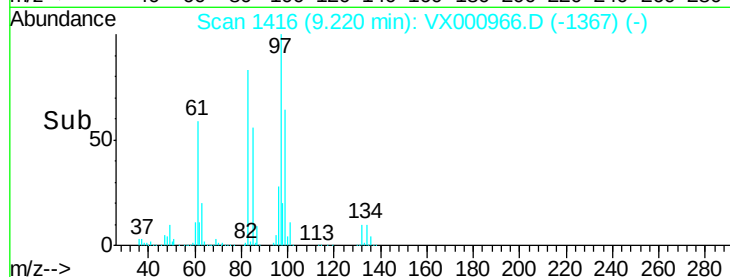
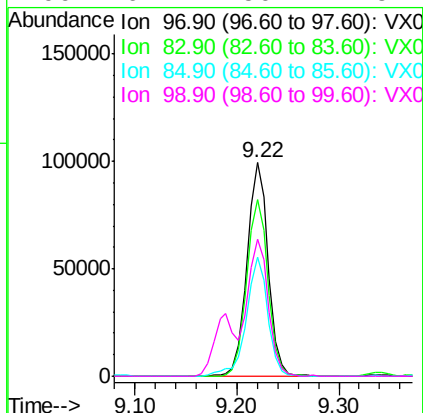
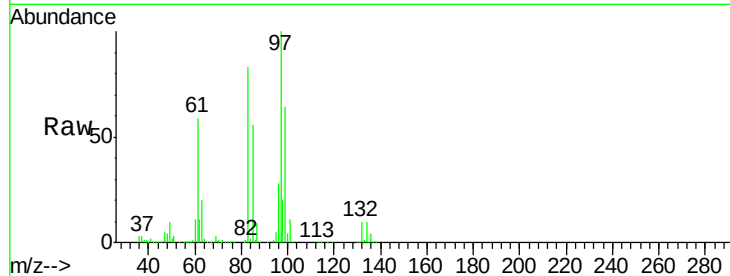




#55
 1,1,2-Trichloroethane
 Concen: 48.58 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

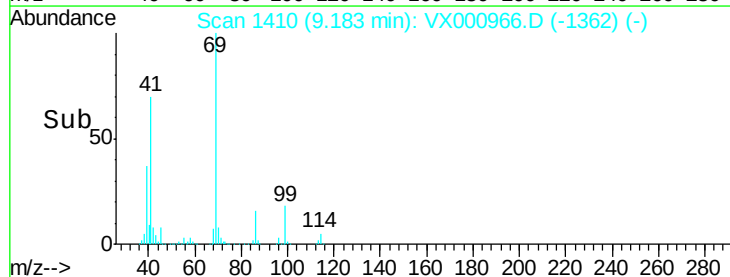
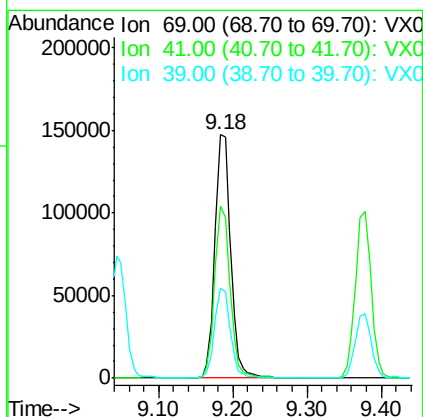
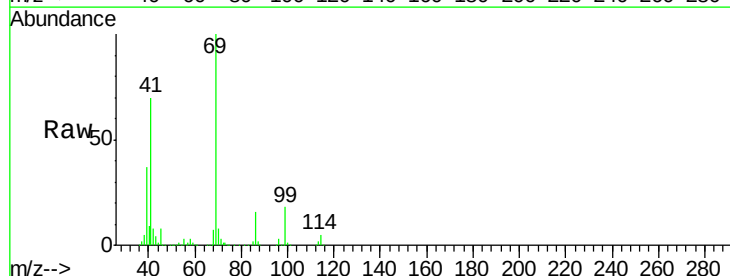
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

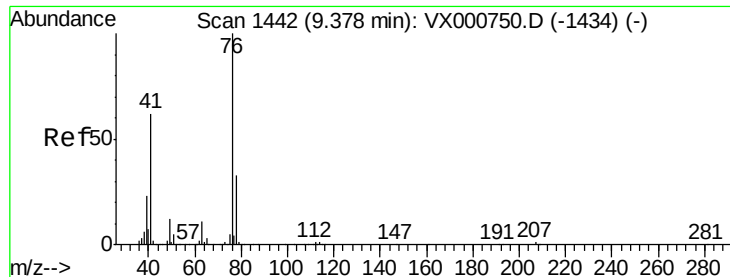
Tgt Ion:	97	Resp:	143450
Ion	Ratio	Lower	Upper
97	100		
83	82.8	67.6	101.4
85	55.6	43.8	65.6
99	64.1	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 47.09 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

Tgt Ion:	69	Resp:	214495
Ion	Ratio	Lower	Upper
69	100		
41	69.2	55.6	83.4
39	37.0	30.3	45.5

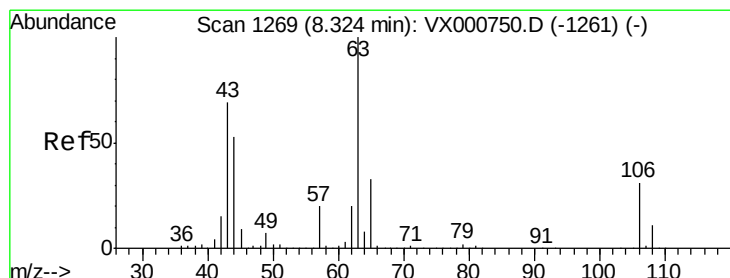
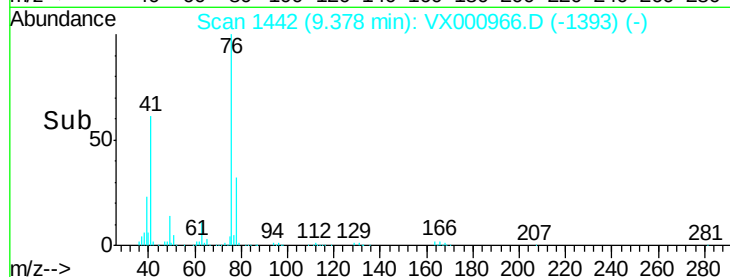
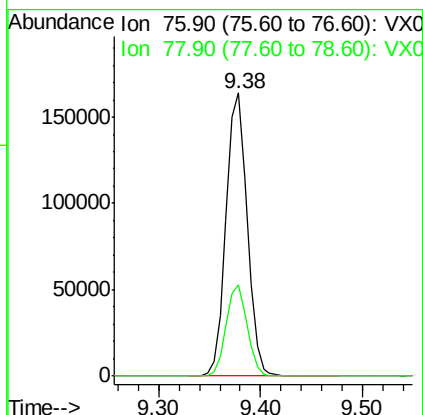
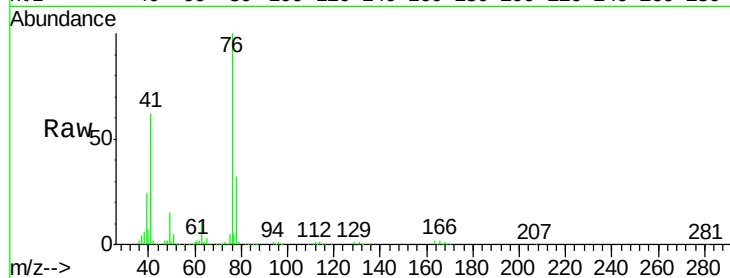




#57
 1,3-Dichloropropane
 Concen: 50.15 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

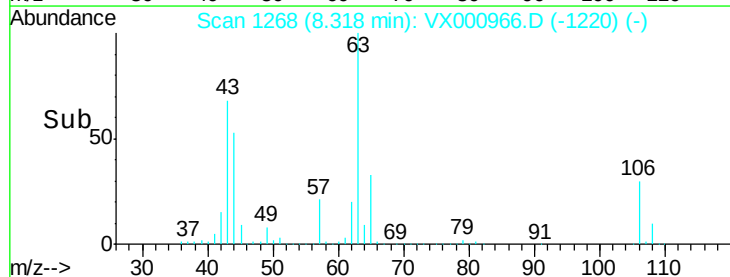
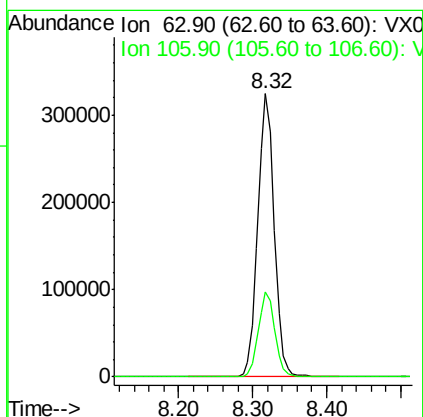
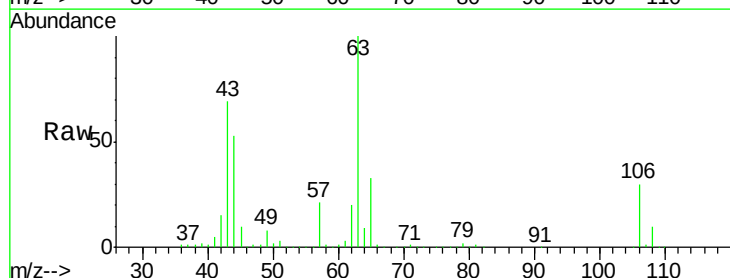
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

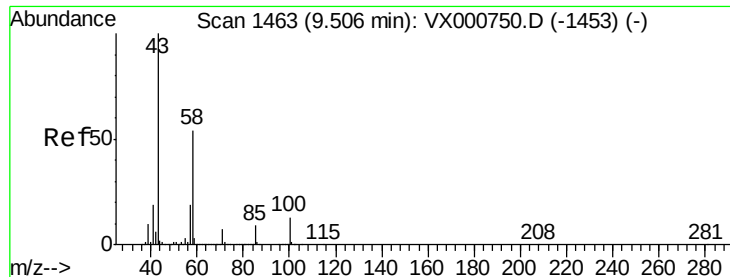
Tgt Ion: 76 Resp: 235428
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.05 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

Tgt Ion: 63 Resp: 506634
 Ion Ratio Lower Upper
 63 100
 106 30.0 24.3 36.5

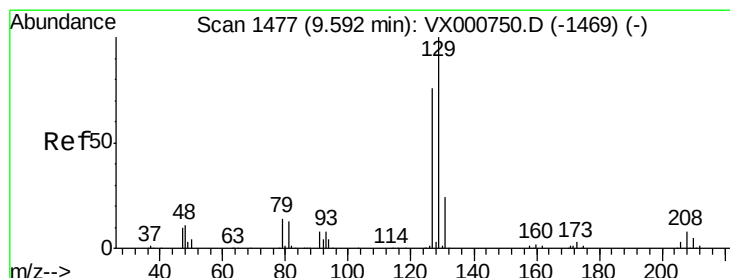
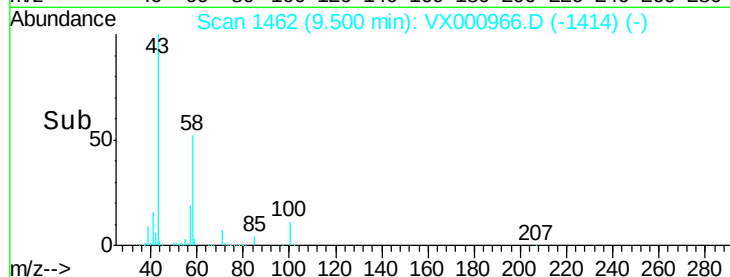
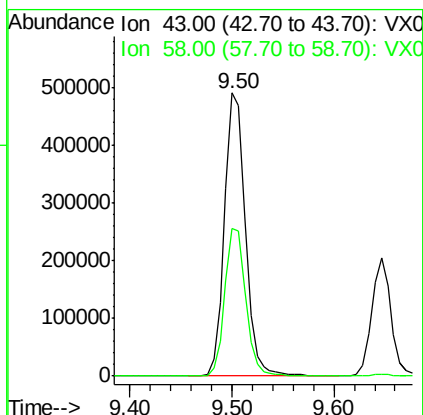
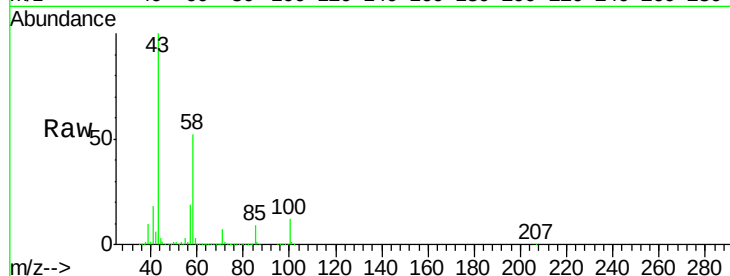




#59
2-Hexanone
Concen: 228.81 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

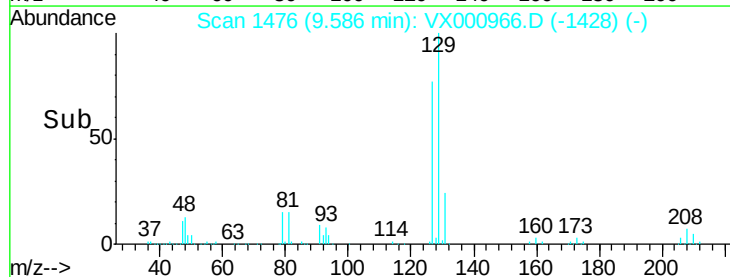
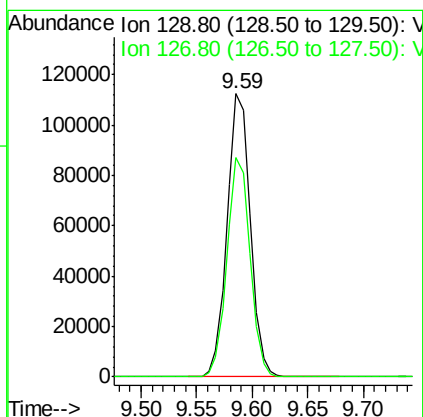
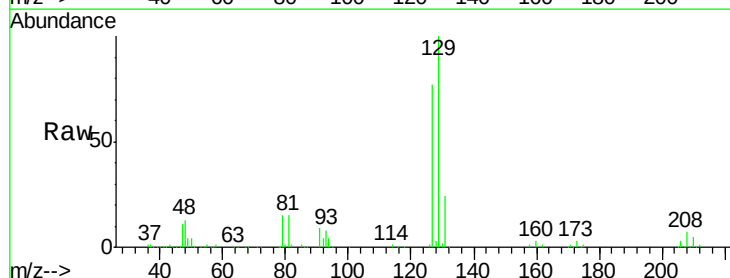
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

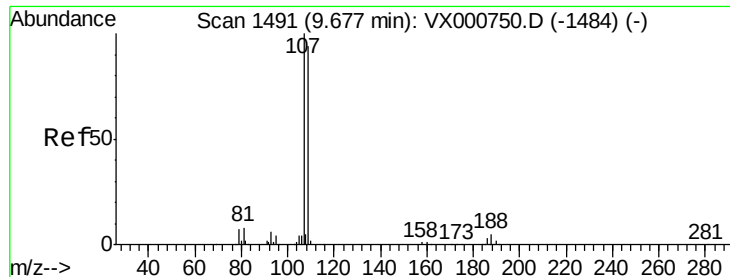
Tgt Ion: 43 Resp: 700758
Ion Ratio Lower Upper
43 100
58 52.5 26.5 79.5



#60
Dibromochloromethane
Concen: 45.86 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Tgt Ion: 129 Resp: 162046
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 48.19 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

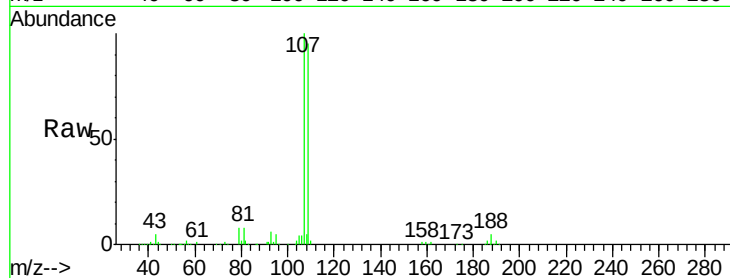
VSTDCCC050

Tgt Ion: 107 Resp: 150970

Ion Ratio Lower Upper

107 100

109 94.9 76.2 114.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

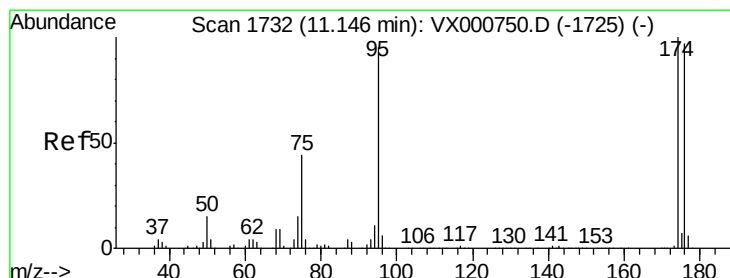
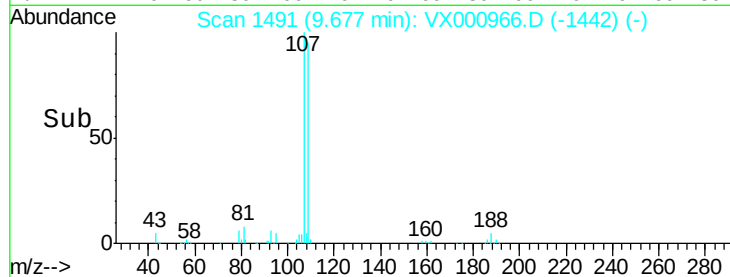
60000

40000

20000

0

Time--> 9.50 9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 43.81 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

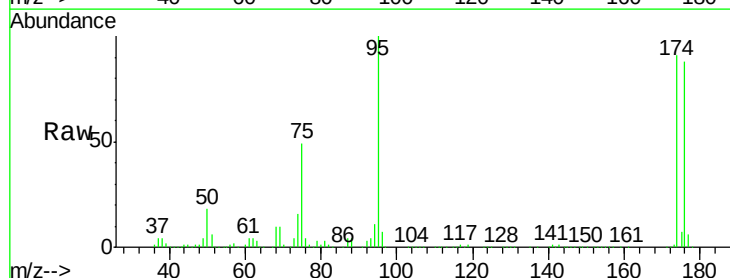
Tgt Ion: 95 Resp: 190492

Ion Ratio Lower Upper

95 100

174 97.6 0.0 198.4

176 95.6 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

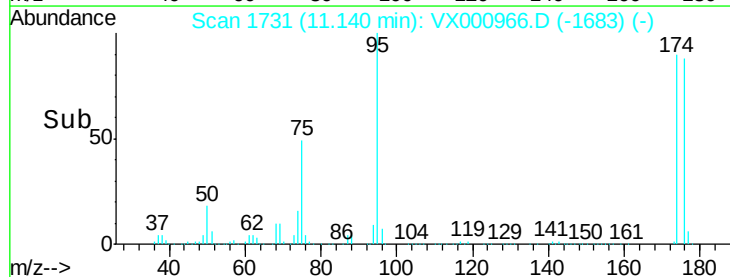
150000

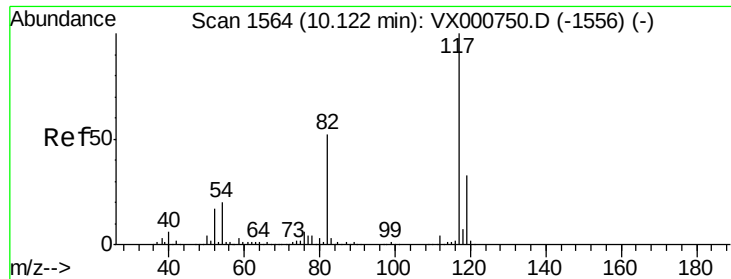
100000

50000

0

Time--> 11.10 11.20

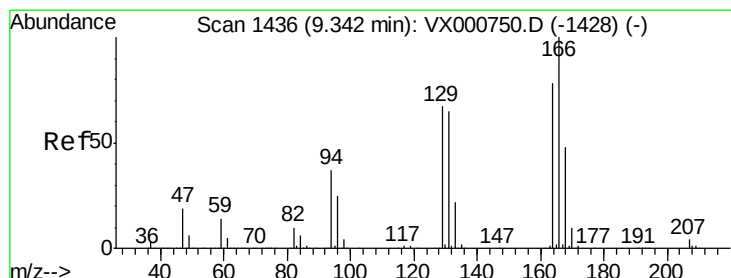
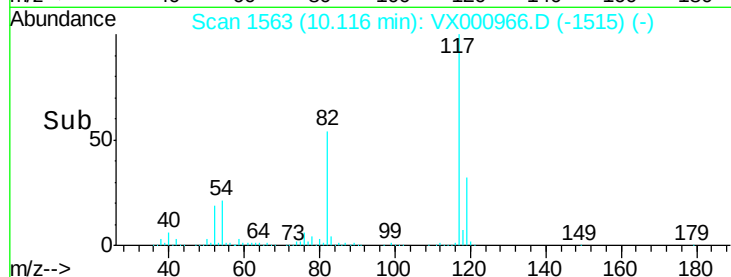
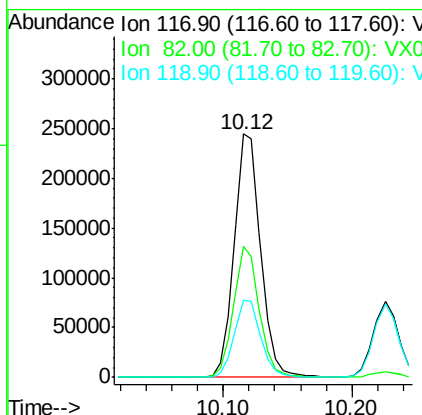
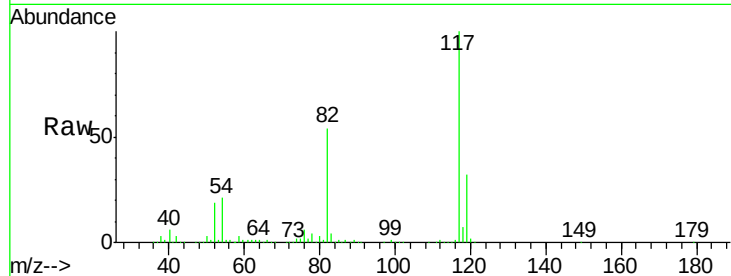




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

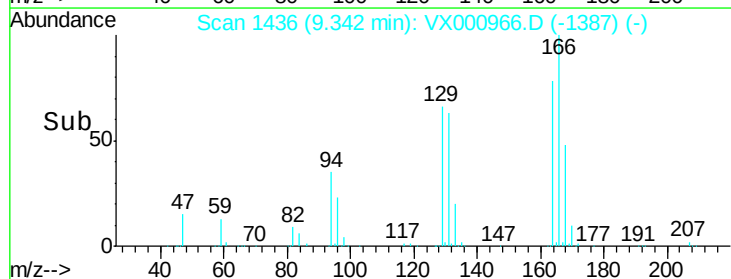
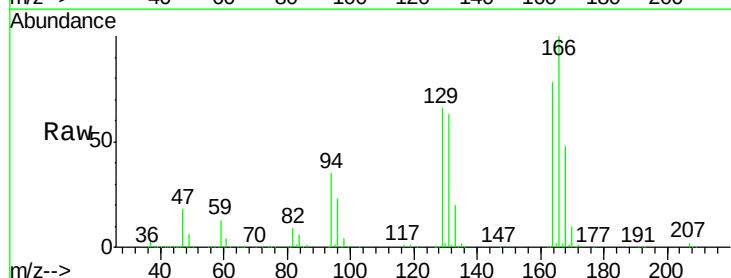
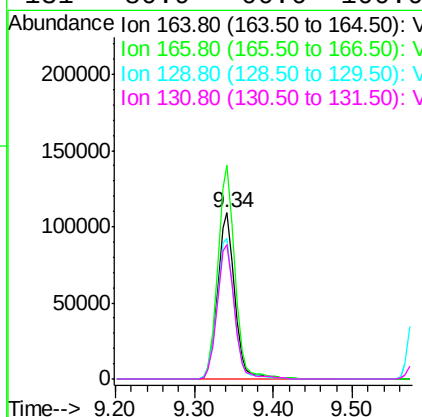
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

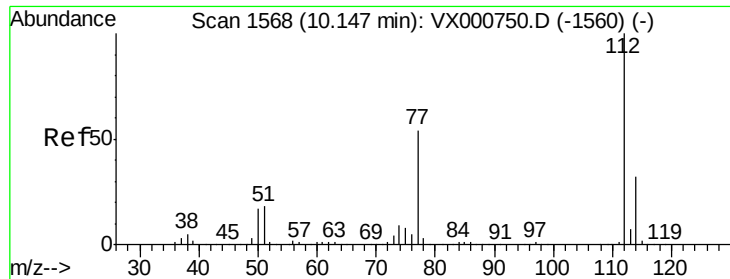
Tgt Ion:117 Resp: 350025
Ion Ratio Lower Upper
117 100
82 53.8 41.9 62.9
119 31.9 26.0 39.0



#64
Tetrachloroethene
Concen: 48.42 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Tgt Ion:164 Resp: 165714
Ion Ratio Lower Upper
164 100
166 128.5 102.8 154.2
129 84.7 68.5 102.7
131 80.9 66.6 100.0

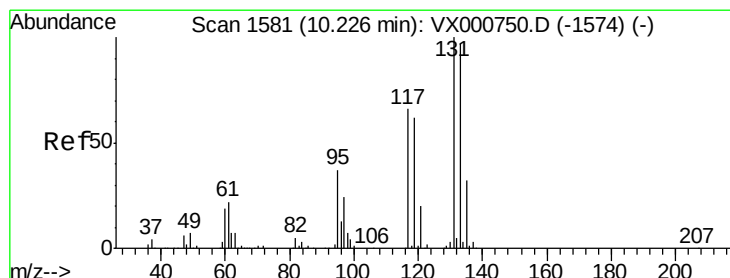
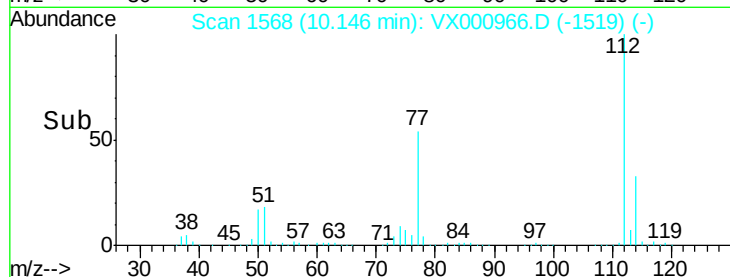
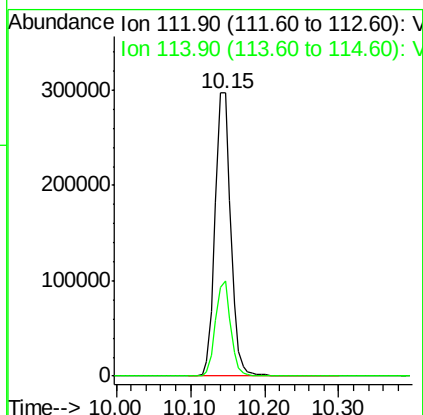
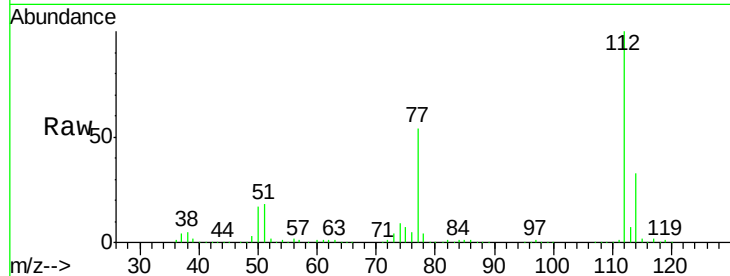




#65
Chlorobenzene
Concen: 48.76 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

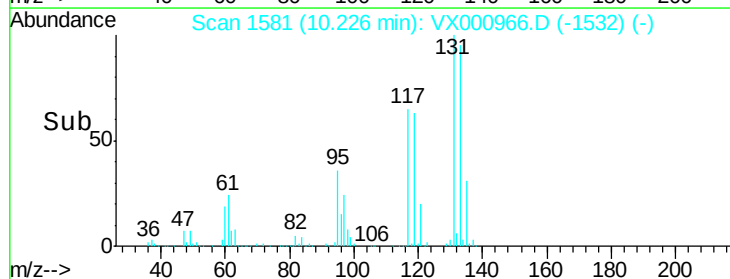
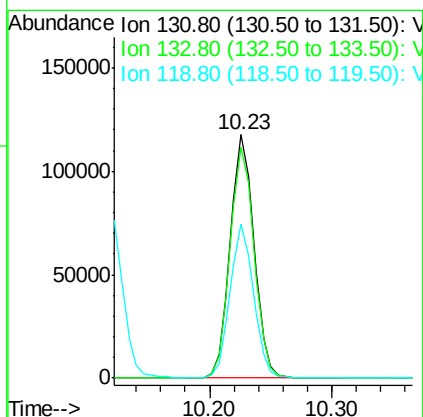
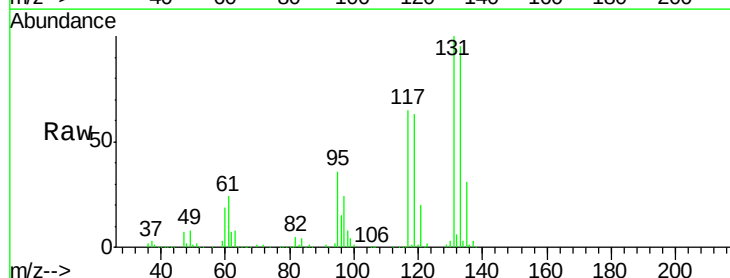
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

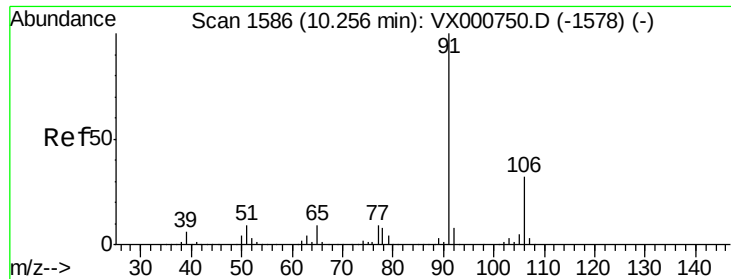
Tgt Ion:112 Resp: 429339
Ion Ratio Lower Upper
112 100
114 33.5 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 47.54 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Tgt Ion:131 Resp: 157541
Ion Ratio Lower Upper
131 100
133 96.0 48.3 144.9
119 62.5 31.4 94.0

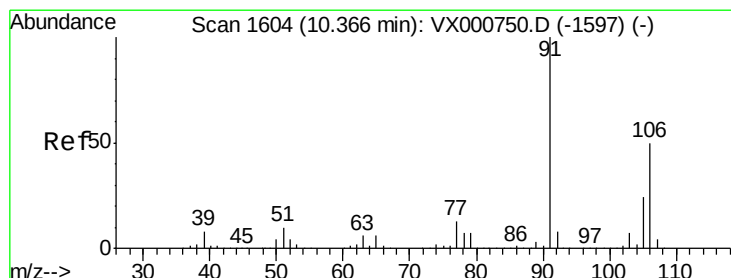
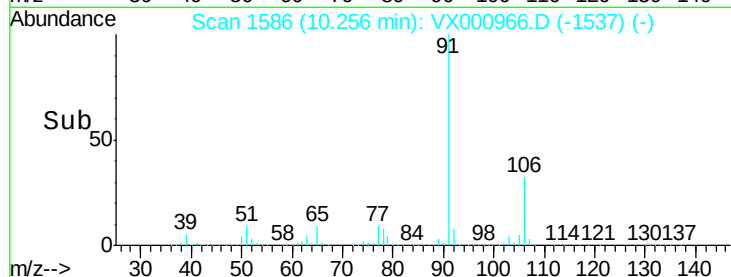
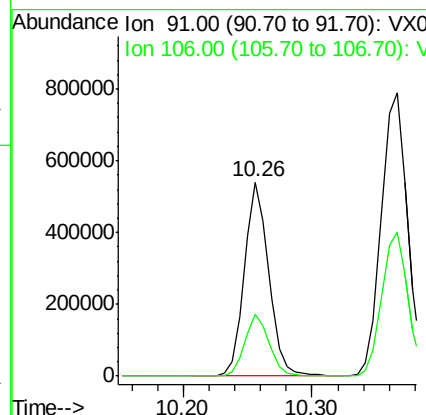
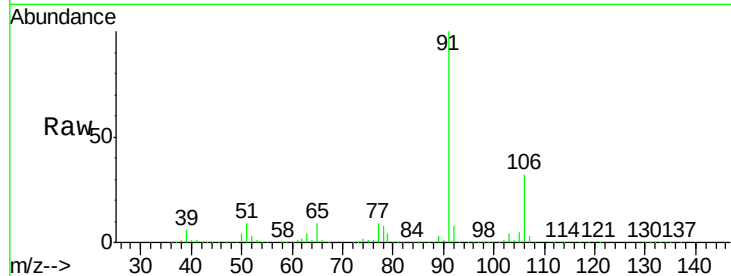




#67
Ethyl Benzene
Concen: 48.29 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

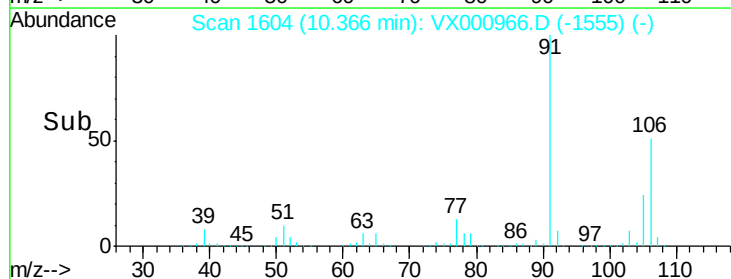
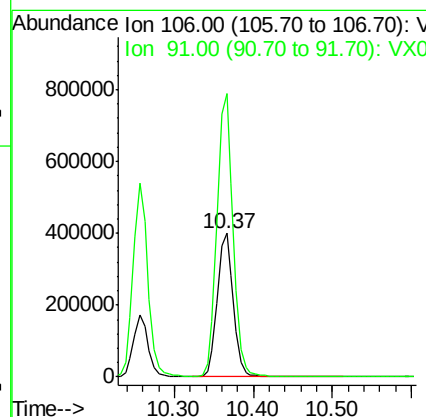
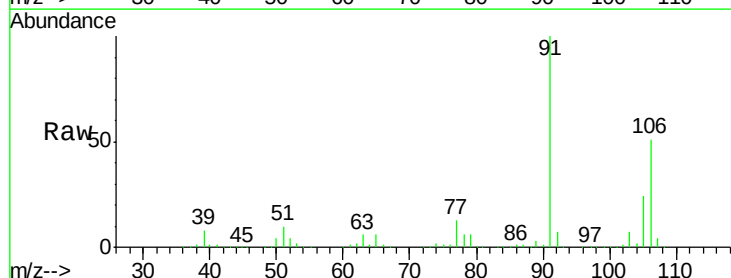
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

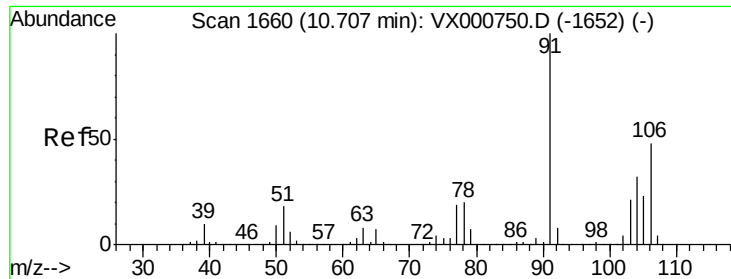
Tgt Ion: 91 Resp: 708921
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.0



#68
m/p-Xylenes
Concen: 97.65 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Tgt Ion: 106 Resp: 565805
Ion Ratio Lower Upper
106 100
91 198.7 159.3 238.9

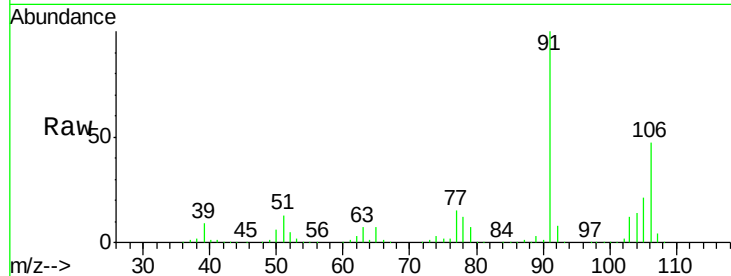




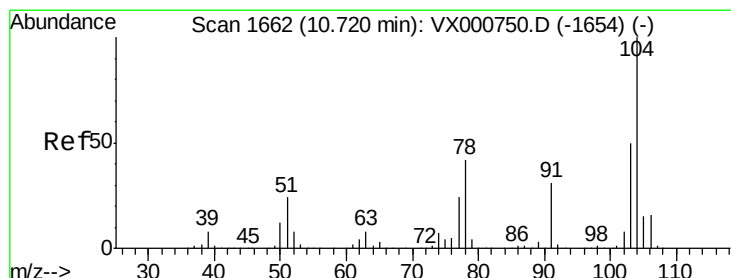
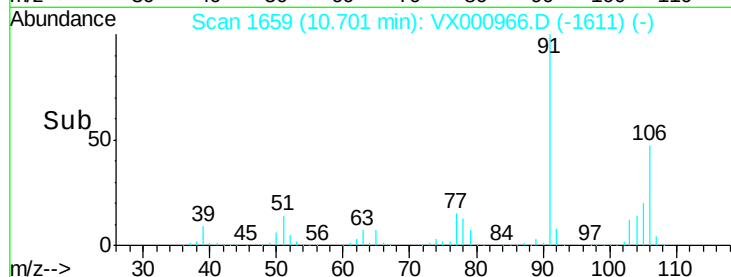
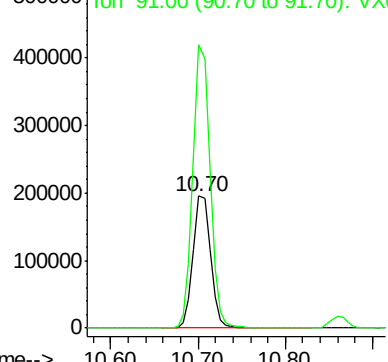
#69
o-Xylene
Concen: 48.91 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 273162
Ion Ratio Lower Upper
106 100
91 209.9 105.0 315.0

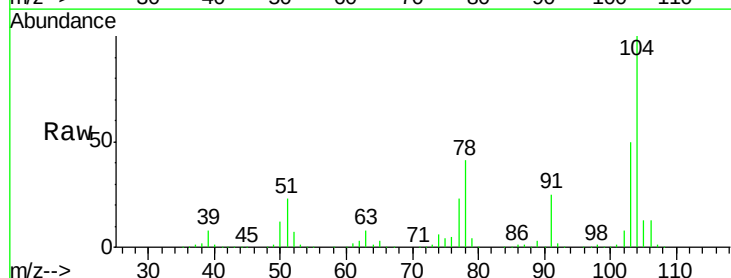


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

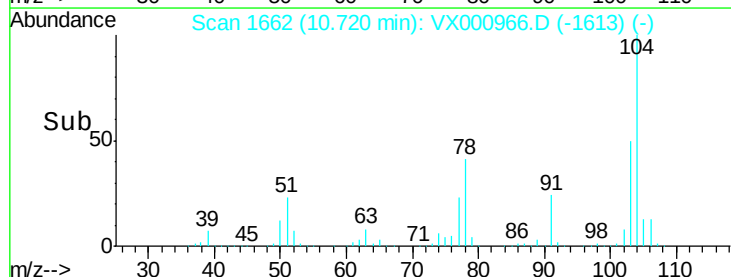
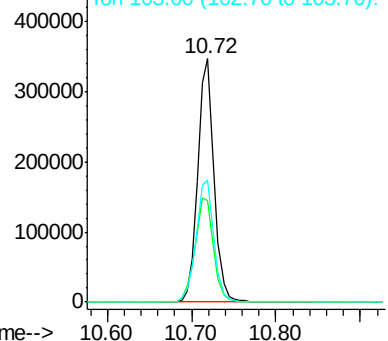


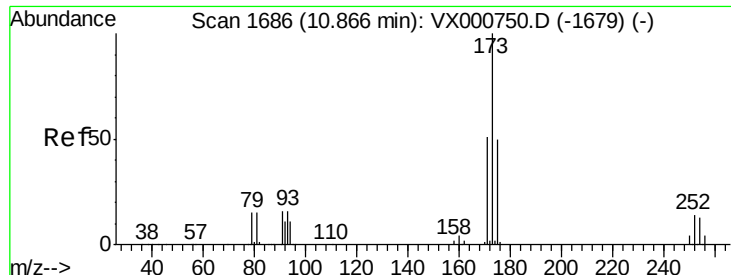
#70
Styrene
Concen: 48.93 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Tgt Ion:104 Resp: 460682
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 55.5 44.1 66.1



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

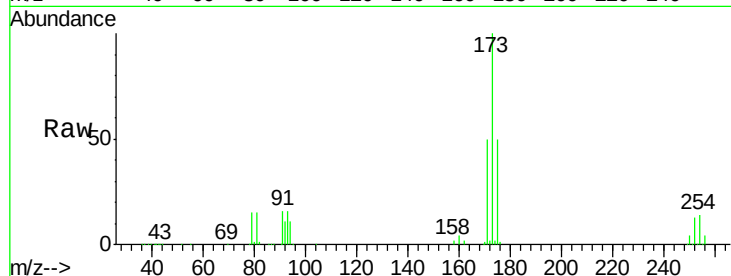




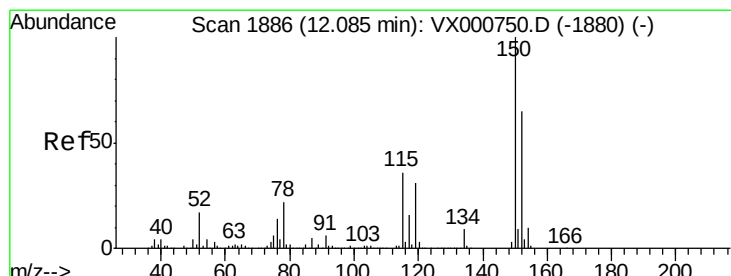
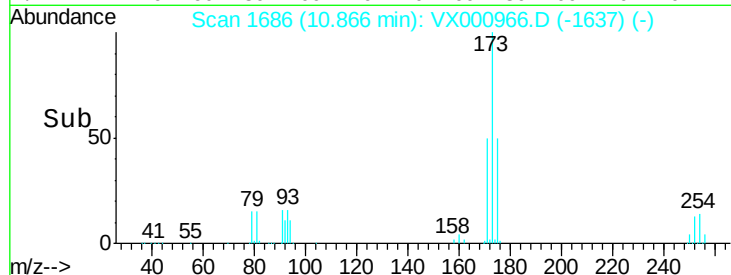
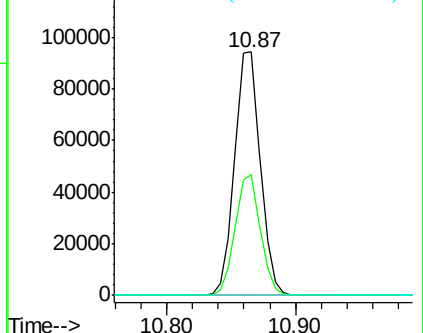
#71
Bromoform
Concen: 42.93 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 131729
Ion Ratio Lower Upper
173 100
175 48.6 24.5 73.5
254 0.2 0.2 0.2

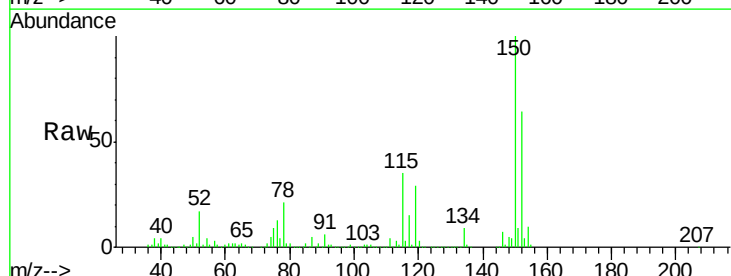


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

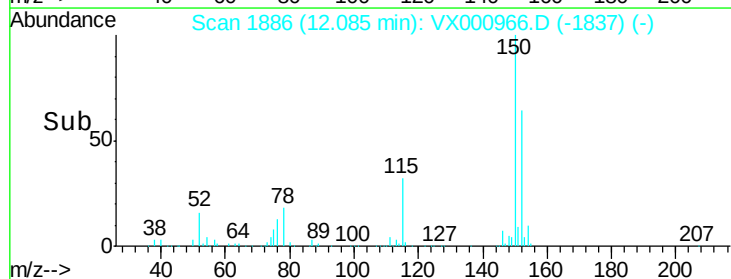
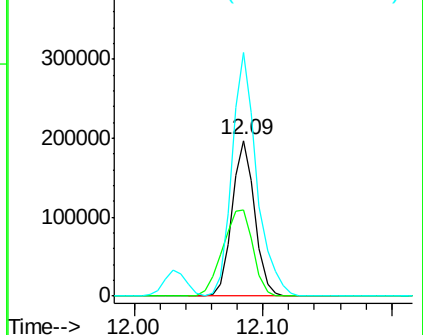


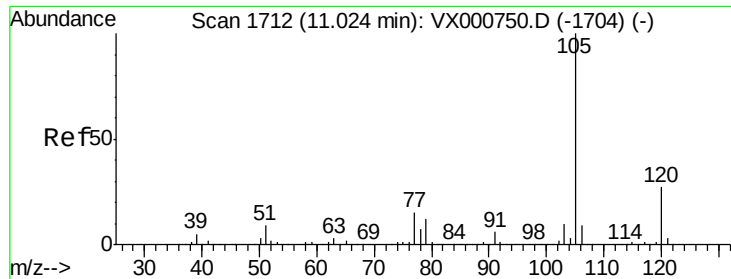
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Tgt Ion:152 Resp: 241589
Ion Ratio Lower Upper
152 100
115 74.4 37.9 113.7
150 171.8 0.0 348.0



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: 48.43 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

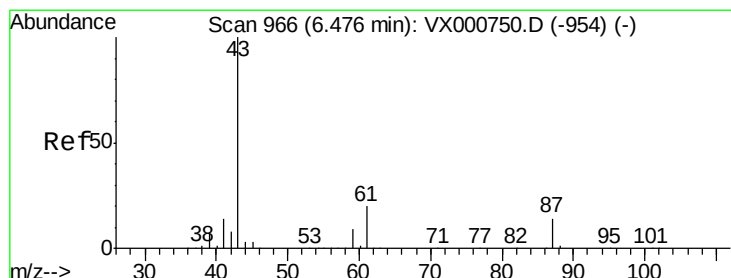
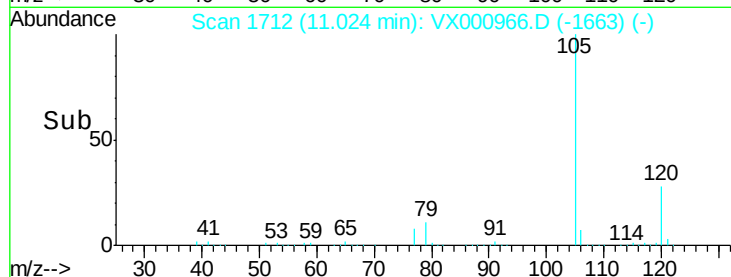
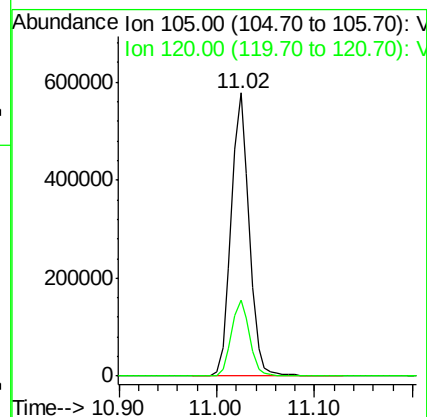
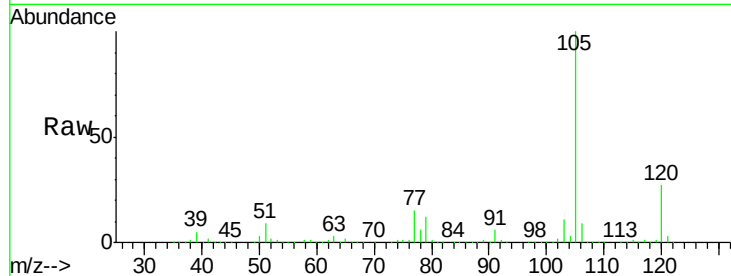
VSTDCCC050

Tgt Ion: 105 Resp: 742274

Ion Ratio Lower Upper

105 100

120 27.2 13.7 41.0



#74

N-ethyl acetate

Concen: 43.76 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Tgt Ion: 43 Resp: 302004

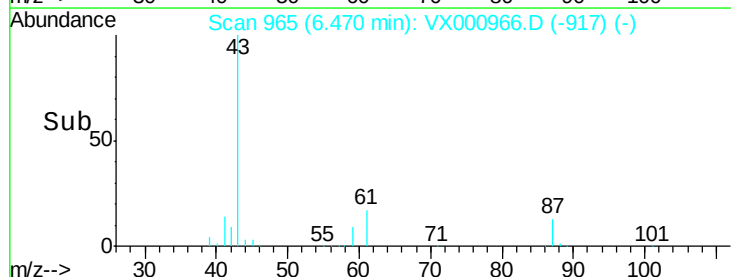
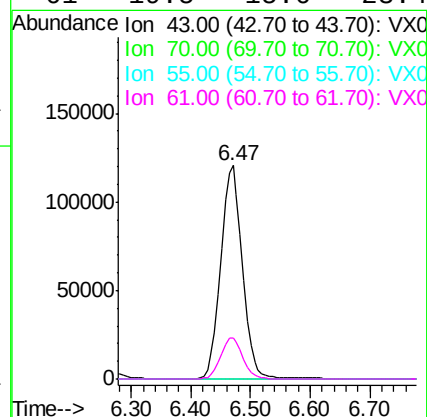
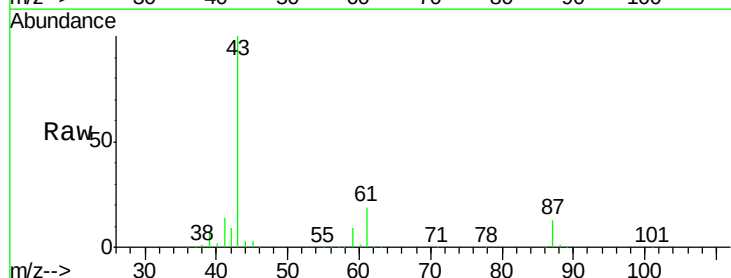
Ion Ratio Lower Upper

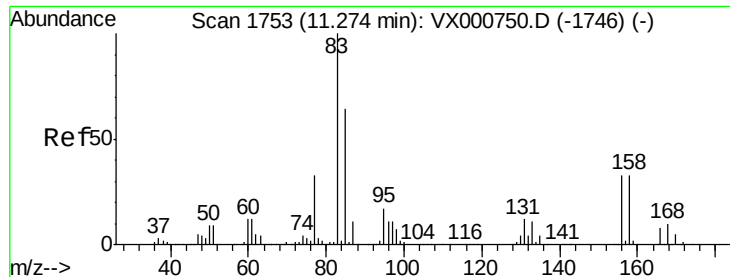
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.5 15.6 23.4

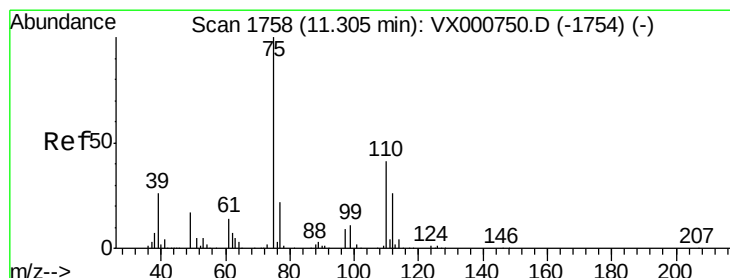
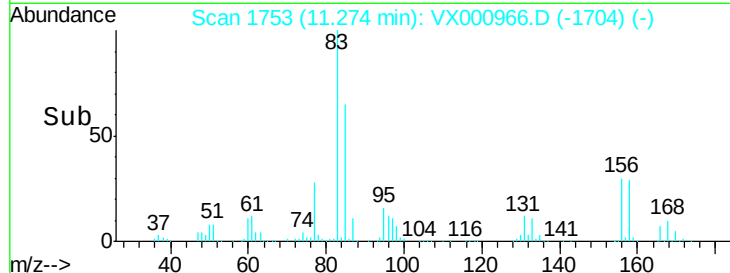
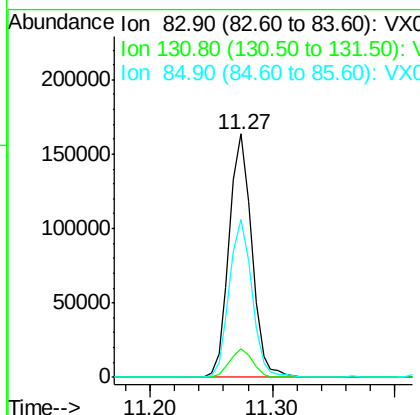
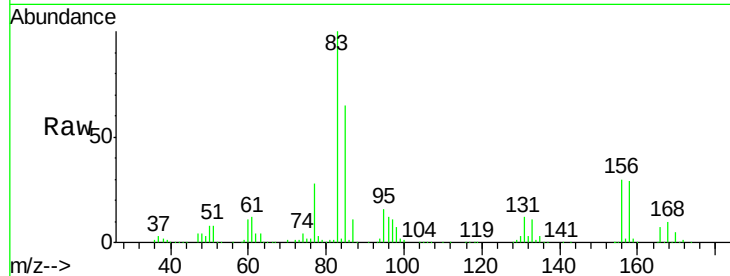




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.09 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

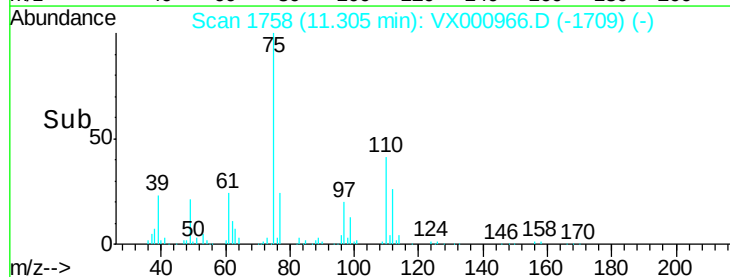
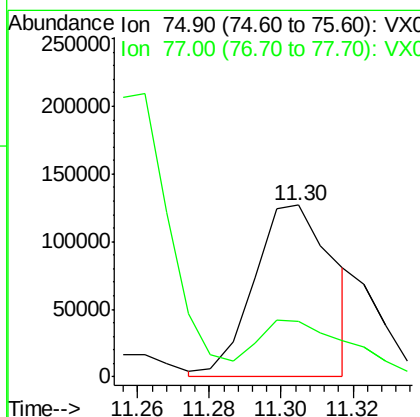
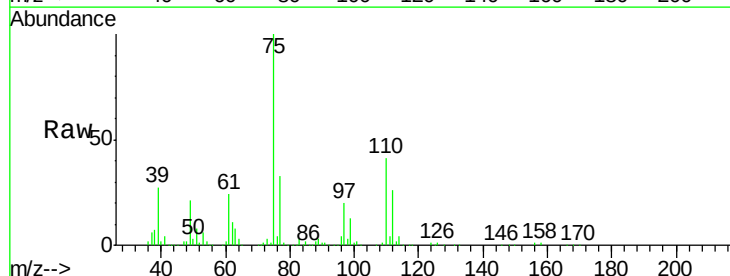
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

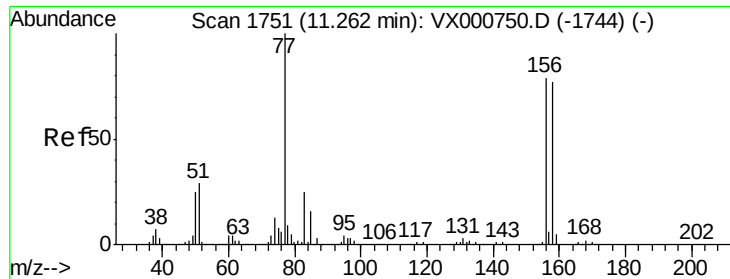
Tgt Ion: 83 Resp: 209439
 Ion Ratio Lower Upper
 83 100
 131 11.7 6.0 18.0
 85 65.1 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 46.95 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

Tgt Ion: 75 Resp: 195621
 Ion Ratio Lower Upper
 75 100
 77 38.3 20.5 61.5





#77

Bromobenzene

Concen: 47.69 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

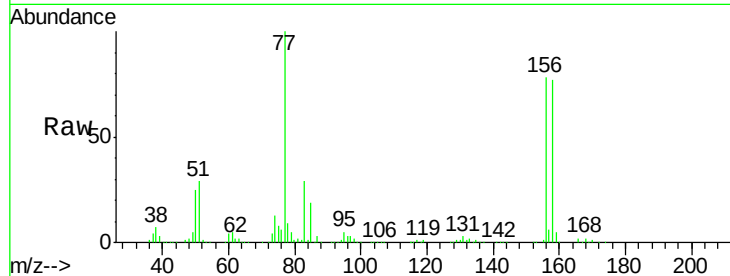
Tgt Ion:156 Resp: 214207

Ion Ratio Lower Upper

156 100

77 133.6 66.0 198.2

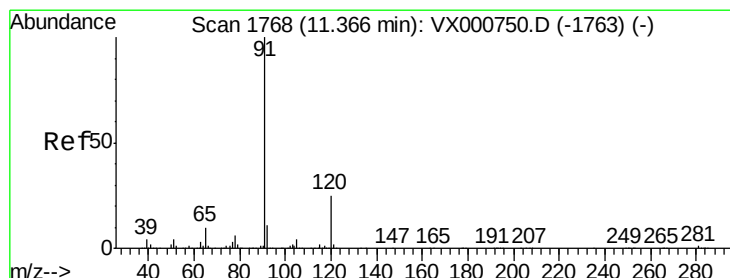
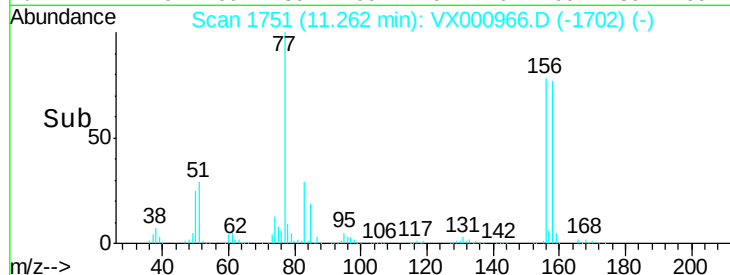
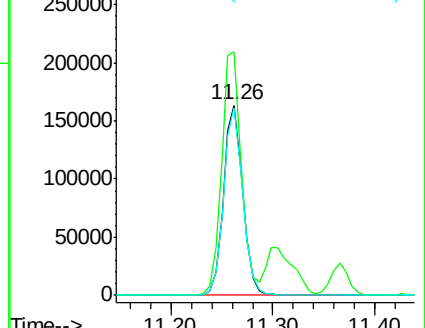
158 97.9 48.8 146.4



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: 48.85 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000966.D

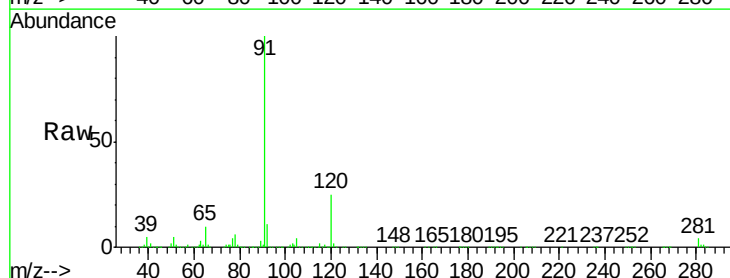
Acq: 17 Apr 2018 15:41

Tgt Ion: 91 Resp: 856344

Ion Ratio Lower Upper

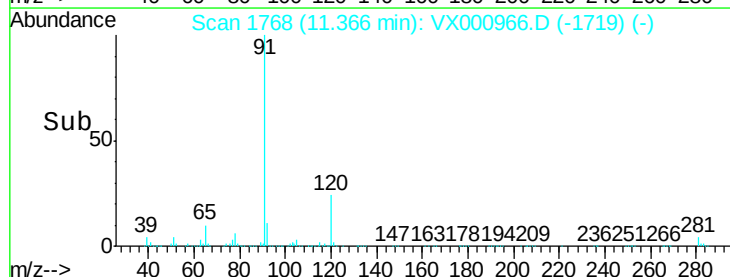
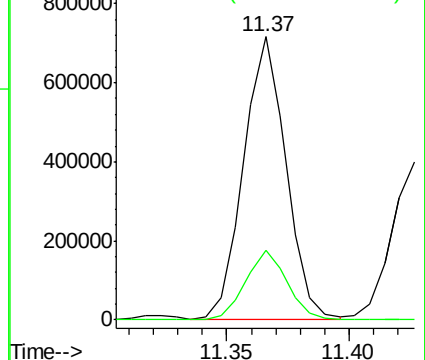
91 100

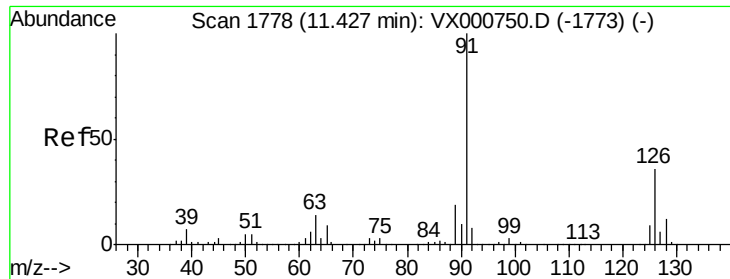
120 24.7 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.07 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

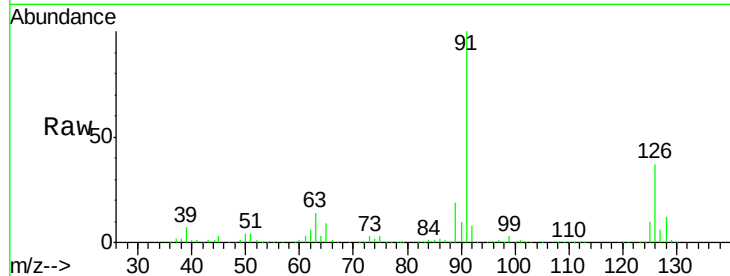
VSTDCCC050

Tgt Ion: 91 Resp: 498071

Ion Ratio Lower Upper

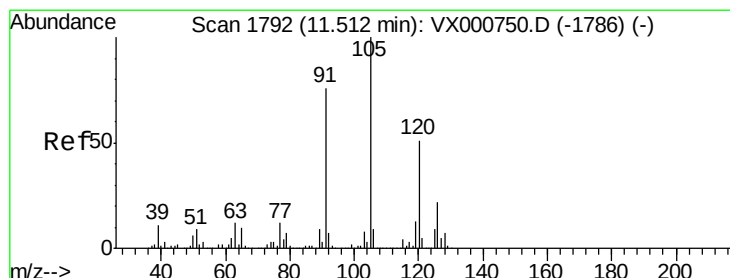
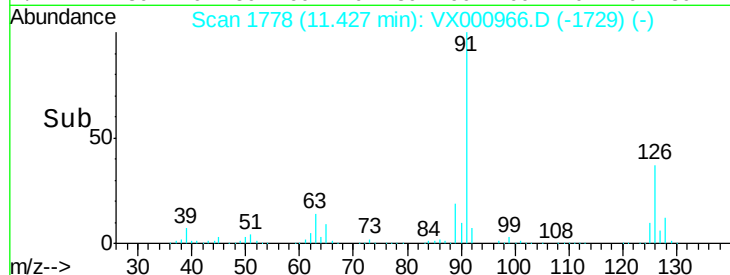
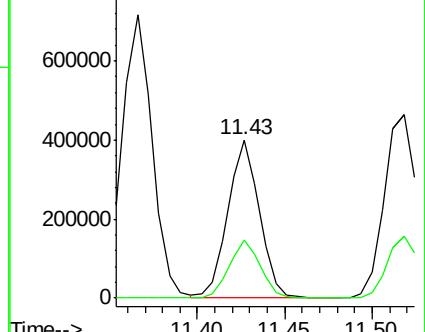
91 100

126 36.7 18.3 54.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.24 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000966.D

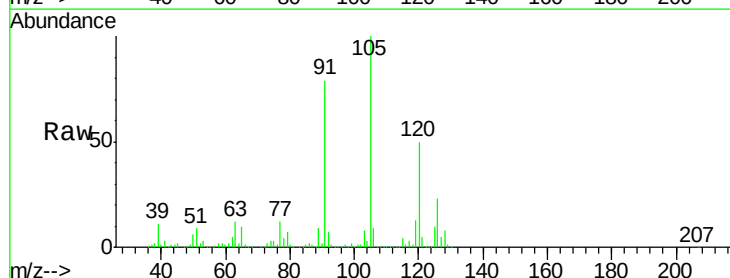
Acq: 17 Apr 2018 15:41

Tgt Ion: 105 Resp: 635885

Ion Ratio Lower Upper

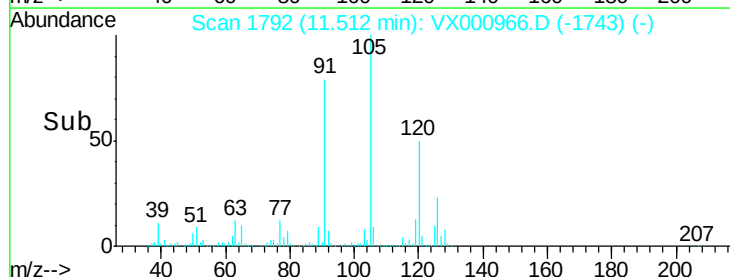
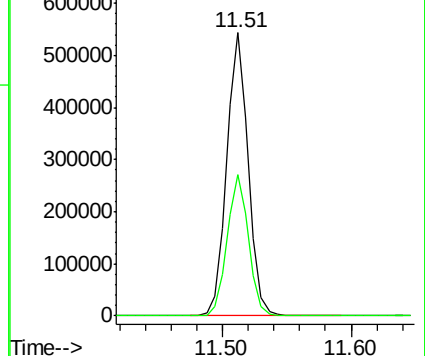
105 100

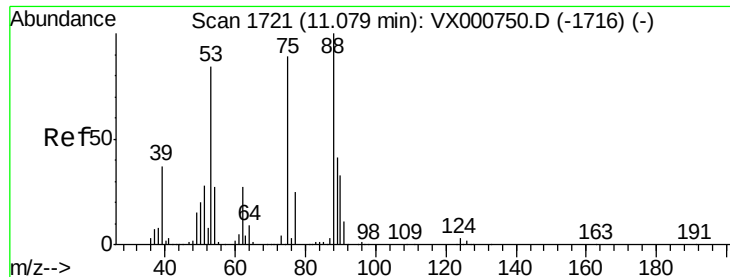
120 49.9 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

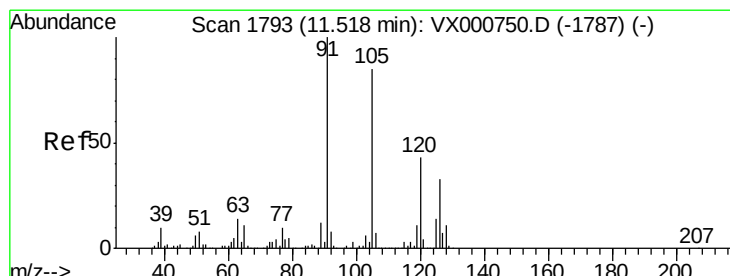
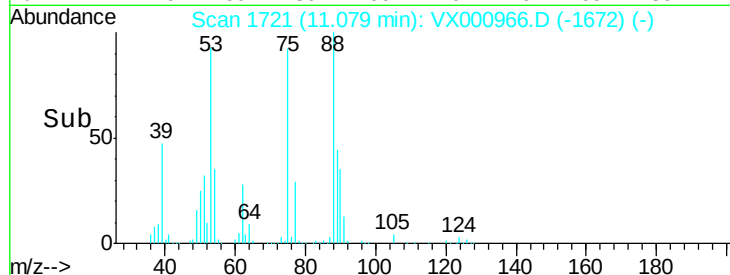
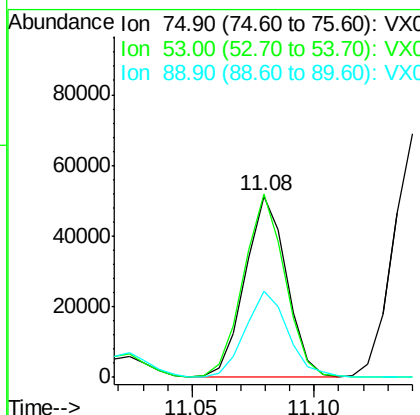
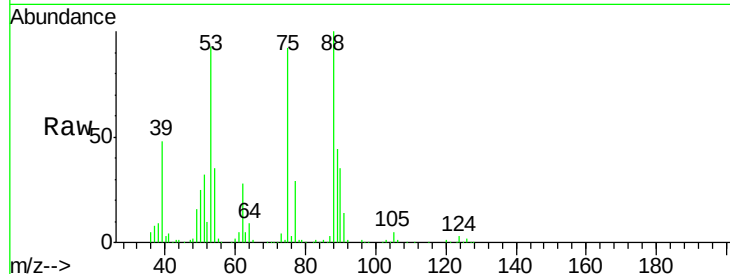




#81
trans-1,4-Dichloro-2-butene
Concen: 39.69 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

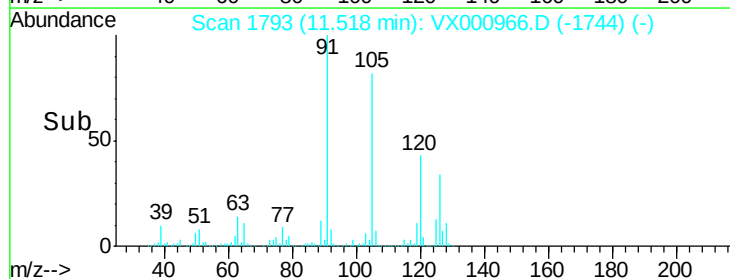
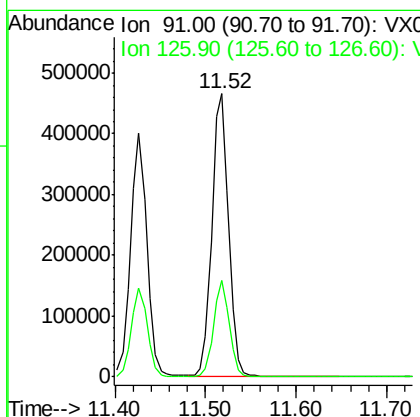
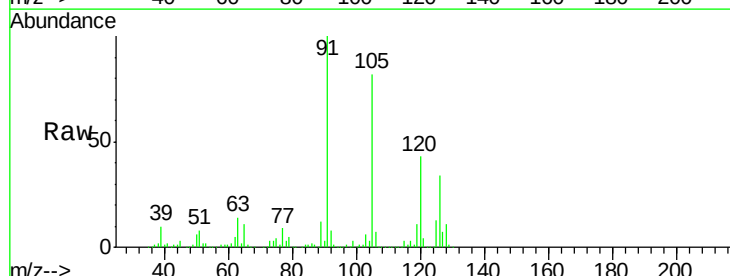
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

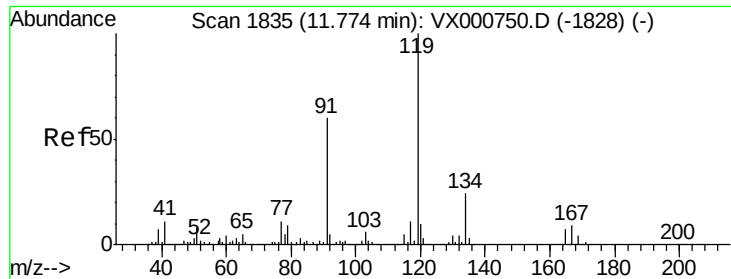
Tgt Ion: 75 Resp: 60114
Ion Ratio Lower Upper
75 100
53 101.8 75.4 113.0
89 49.7 40.9 61.3



#82
4-Chlorotoluene
Concen: 48.43 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Tgt Ion: 91 Resp: 605738
Ion Ratio Lower Upper
91 100
126 32.1 16.2 48.6

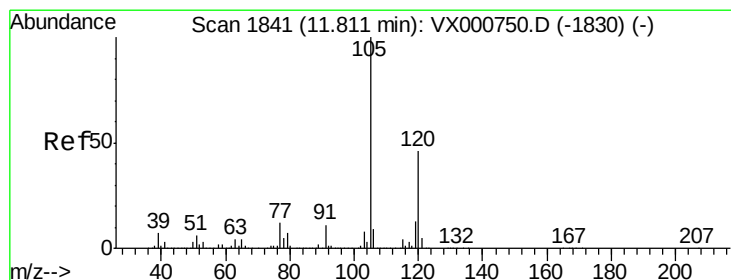
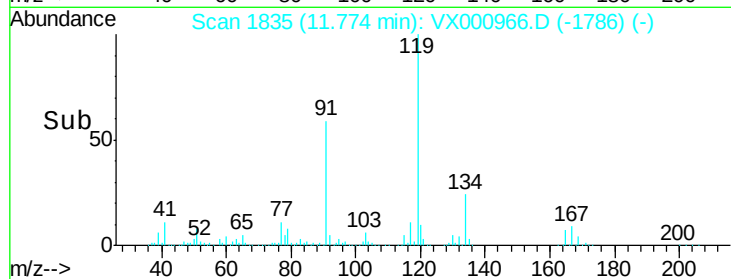
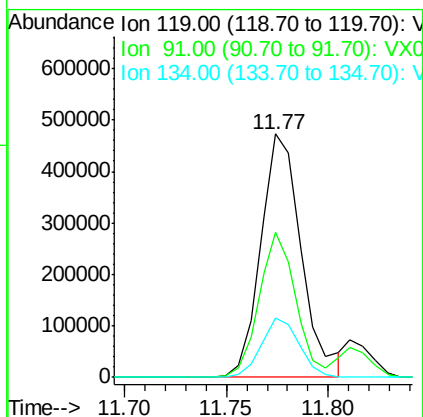
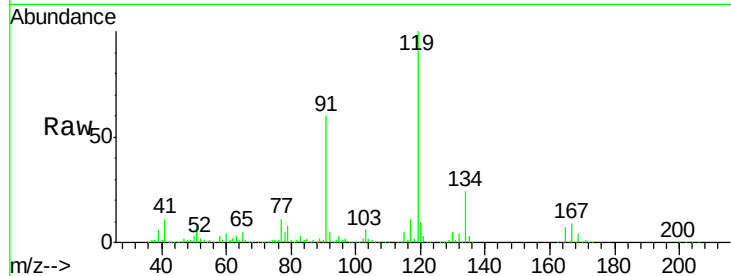




#83
 tert-Butylbenzene
 Concen: 48.59 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

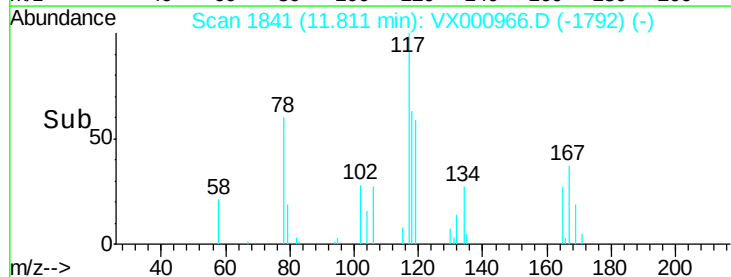
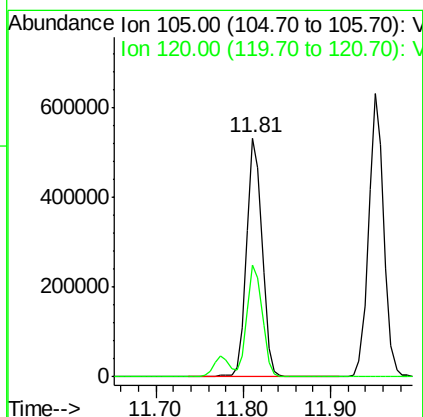
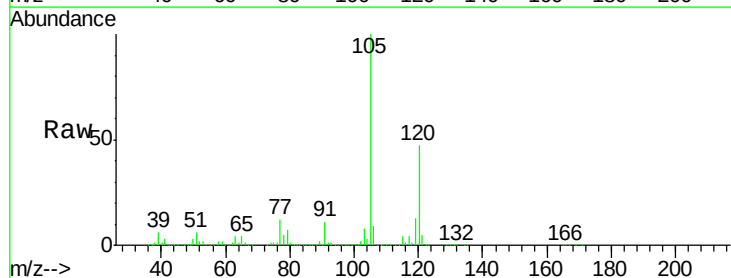
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

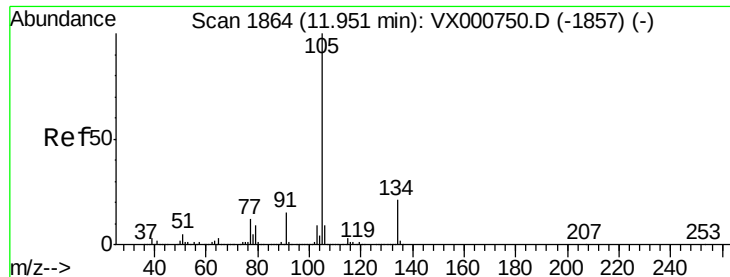
Tgt Ion:119 Resp: 655218
 Ion Ratio Lower Upper
 119 100
 91 53.9 26.8 80.3
 134 23.0 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 47.80 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

Tgt Ion:105 Resp: 650446
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 48.29 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

Instrument :

MSVOA_X

ClientSampleId :

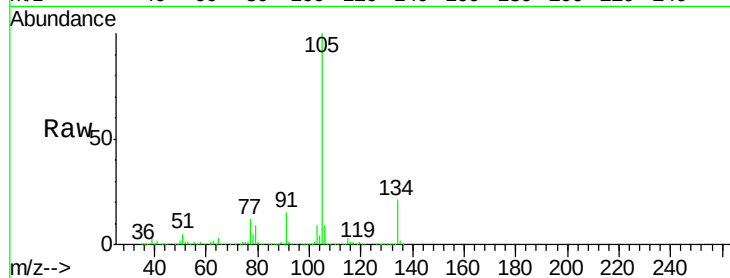
VSTDCCC050

Tgt Ion:105 Resp: 768191

Ion Ratio Lower Upper

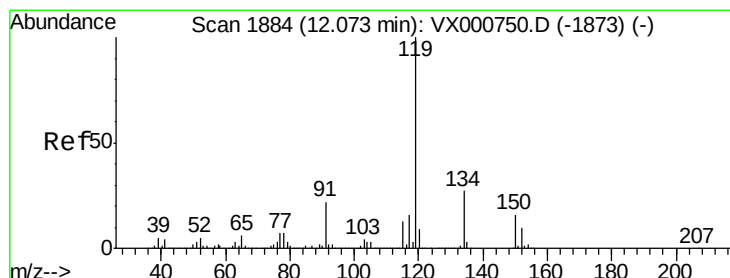
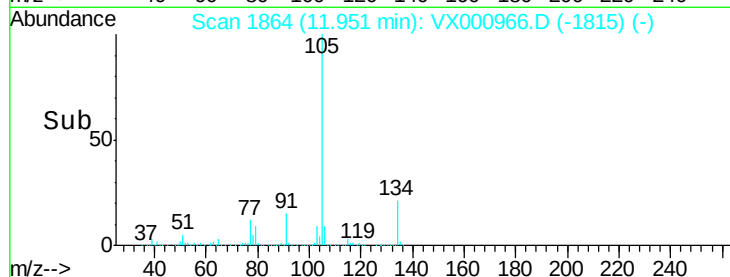
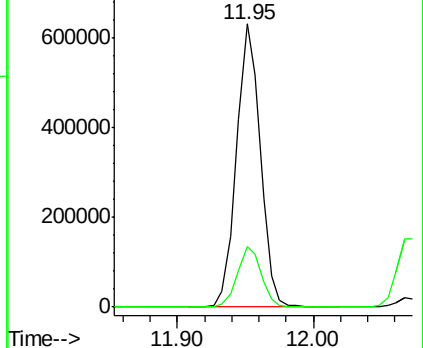
105 100

134 21.4 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.97 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX000966.D

Acq: 17 Apr 2018 15:41

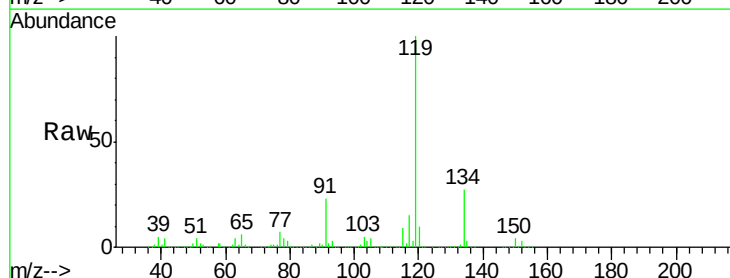
Tgt Ion:119 Resp: 711589

Ion Ratio Lower Upper

119 100

134 26.9 13.6 40.7

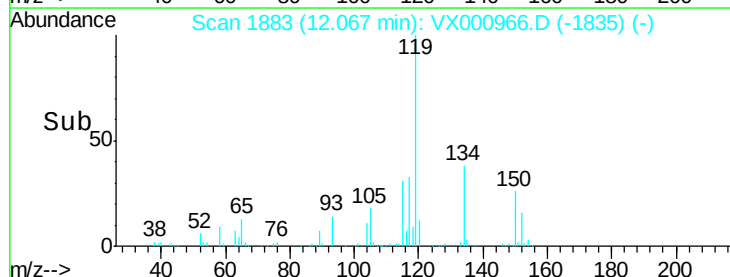
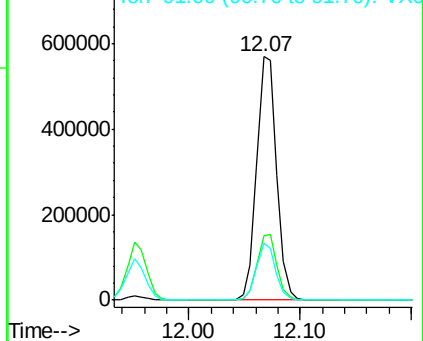
91 22.4 11.2 33.5

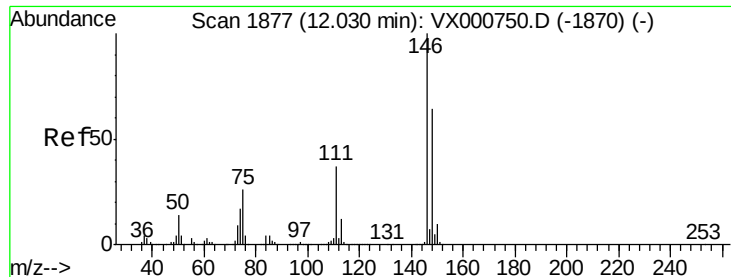


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

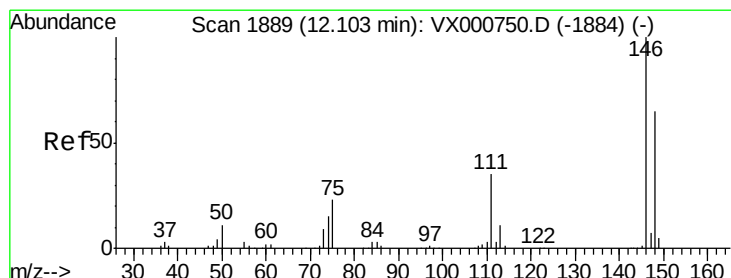
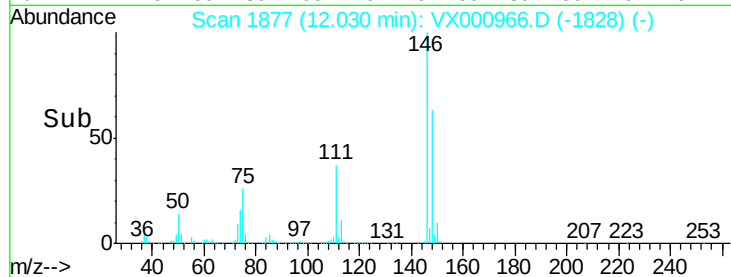
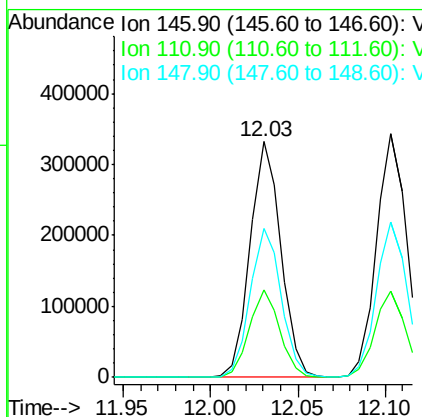
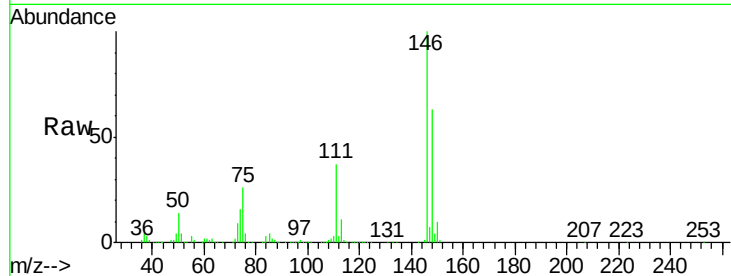




#87
 1,3-Dichlorobenzene
 Concen: 49.02 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

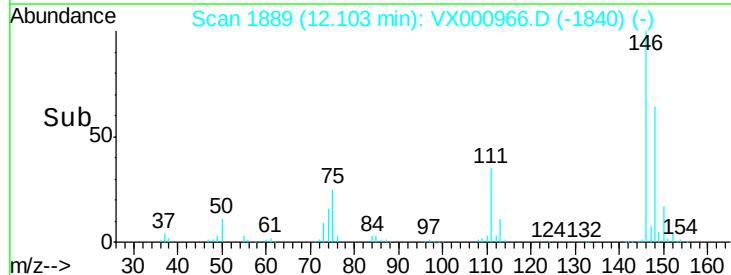
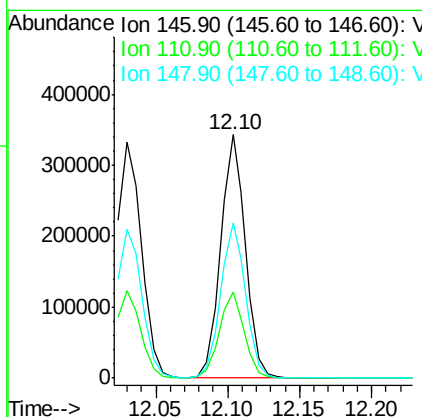
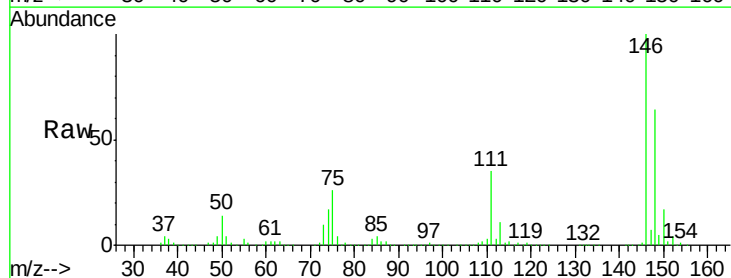
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

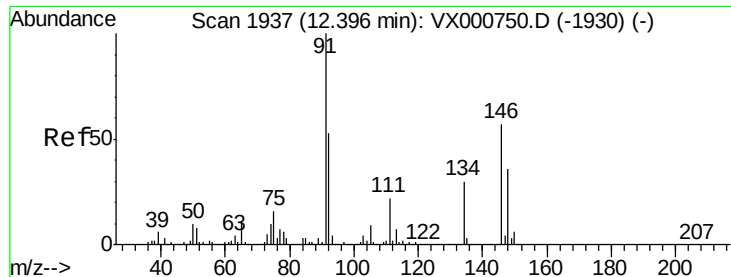
Tgt Ion:146 Resp: 407506
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.3 54.8
 148 63.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.54 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

Tgt Ion:146 Resp: 413589
 Ion Ratio Lower Upper
 146 100
 111 35.6 17.9 53.8
 148 64.2 32.6 97.7

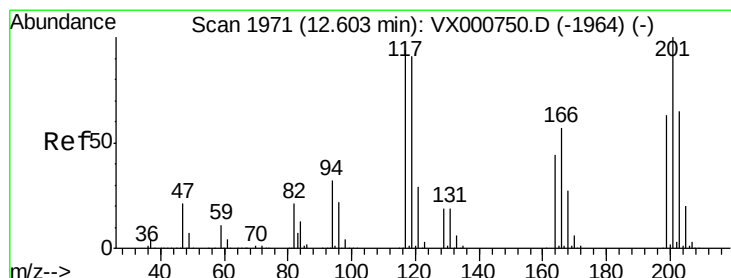
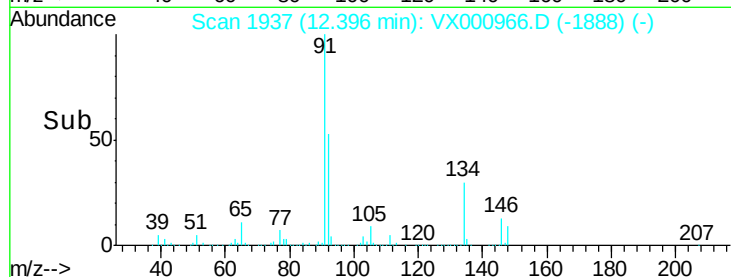
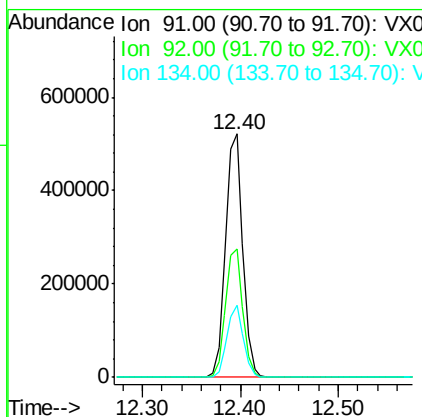
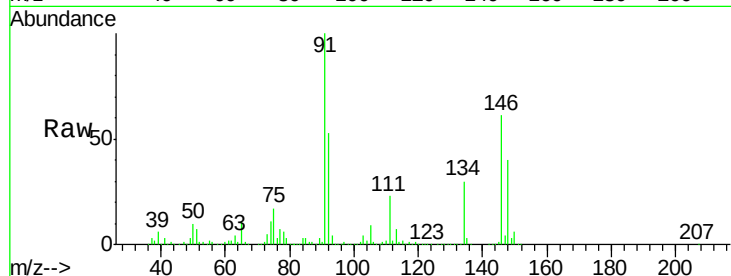




#89
n-Butylbenzene
Concen: 48.21 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

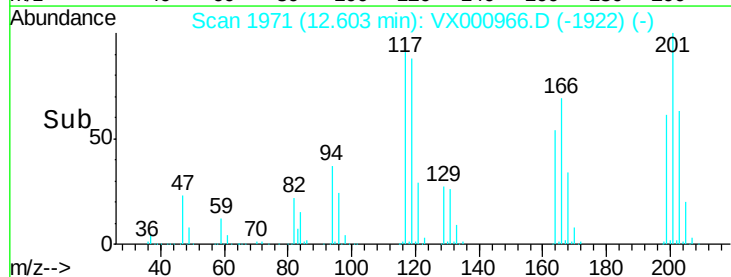
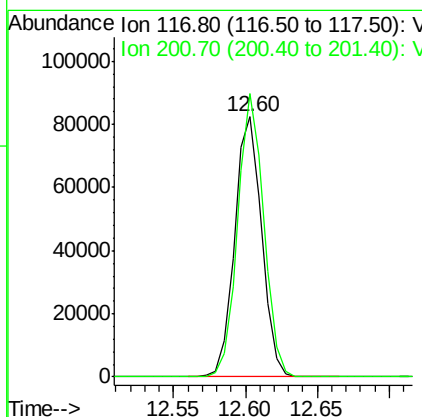
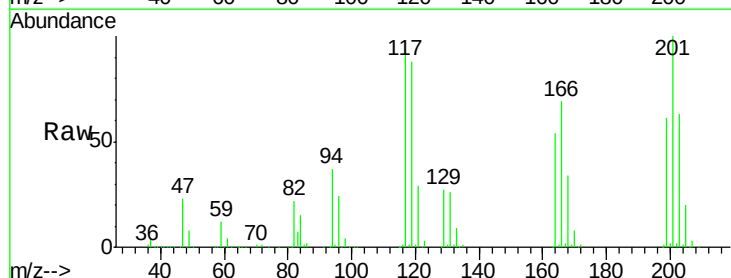
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

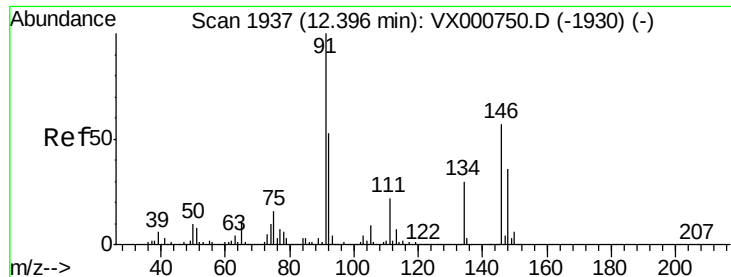
Tgt Ion: 91 Resp: 631309
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 28.7 14.5 43.5



#90
Hexachloroethane
Concen: 42.80 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Tgt Ion: 117 Resp: 107432
Ion Ratio Lower Upper
117 100
201 104.8 52.9 158.7

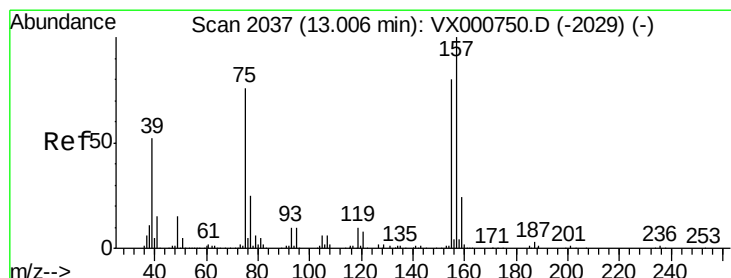
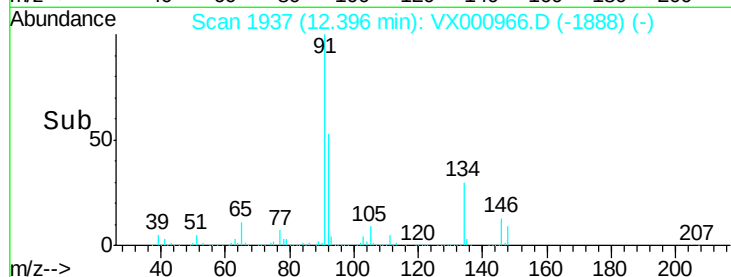
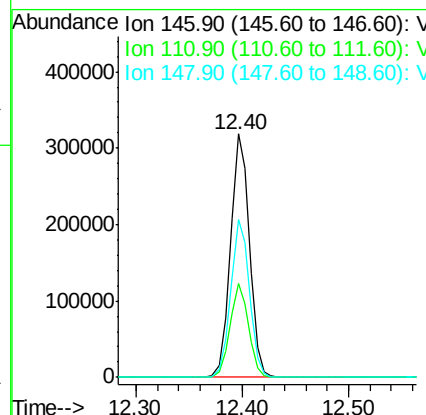
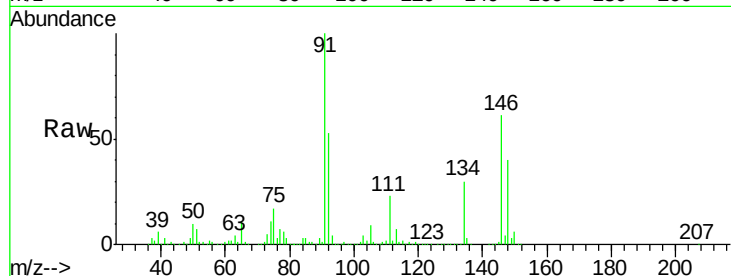




#91
 1,2-Dichlorobenzene
 Concen: 49.28 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

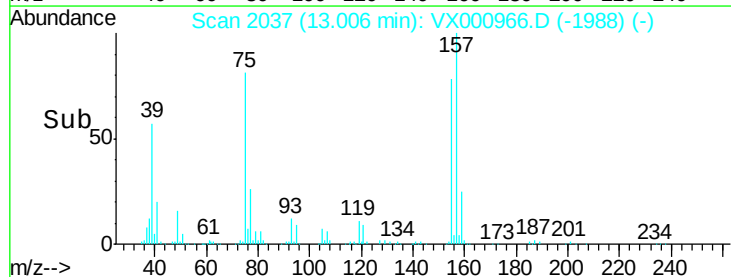
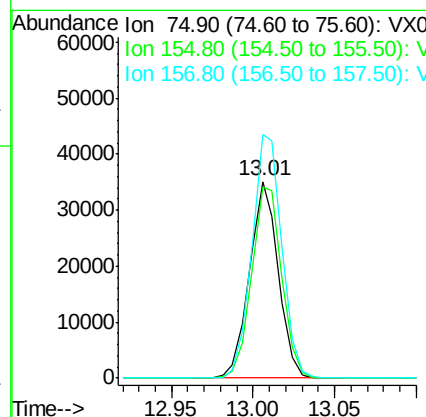
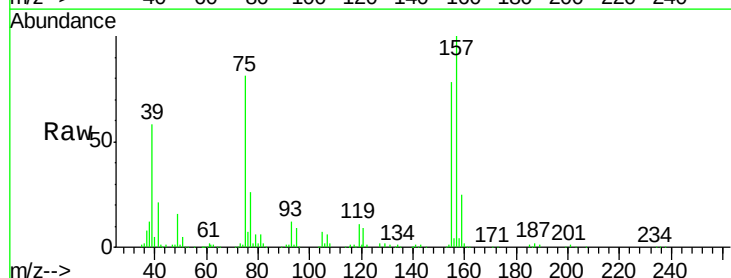
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

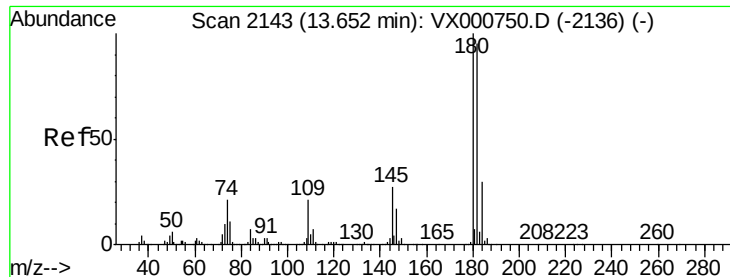
Tgt Ion:146 Resp: 395507
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.9 56.7
 148 64.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 38.62 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

Tgt Ion: 75 Resp: 43042
 Ion Ratio Lower Upper
 75 100
 155 101.9 51.9 155.8
 157 128.8 66.6 199.8

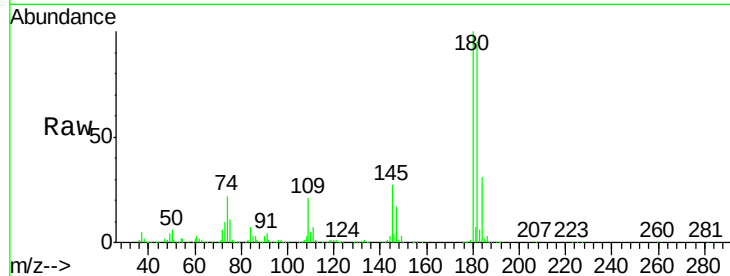




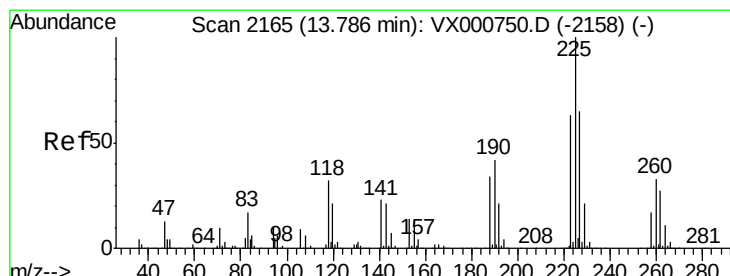
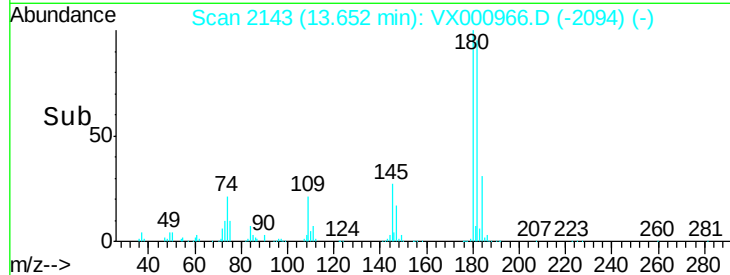
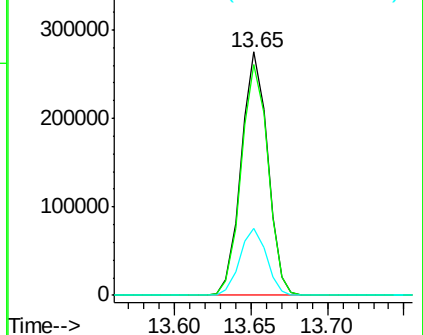
#93
 1,2,4-Trichlorobenzene
 Concen: 48.23 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 330324
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.5 142.5
 145 27.6 13.8 41.4

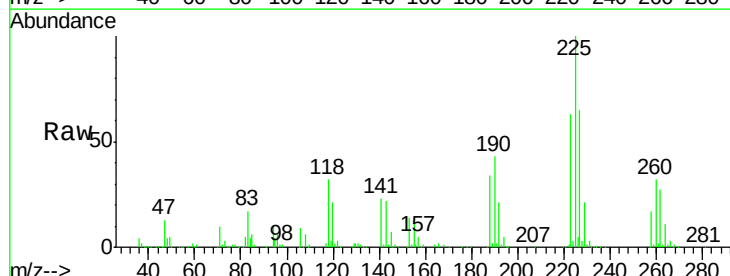


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

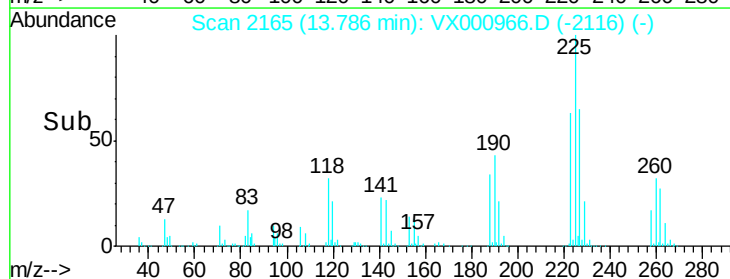
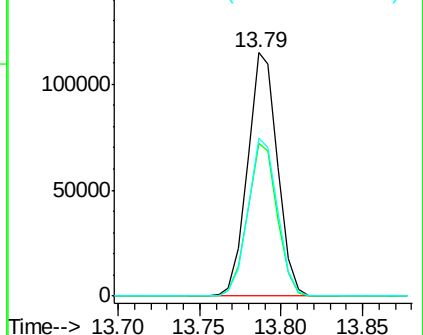


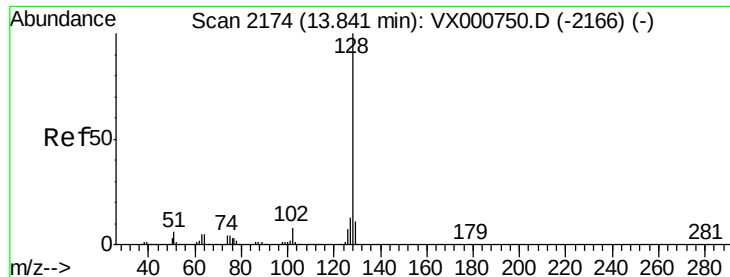
#94
 Hexachlorobutadiene
 Concen: 43.42 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX000966.D
 Acq: 17 Apr 2018 15:41

Tgt Ion:225 Resp: 146225
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.2 93.6
 227 64.2 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

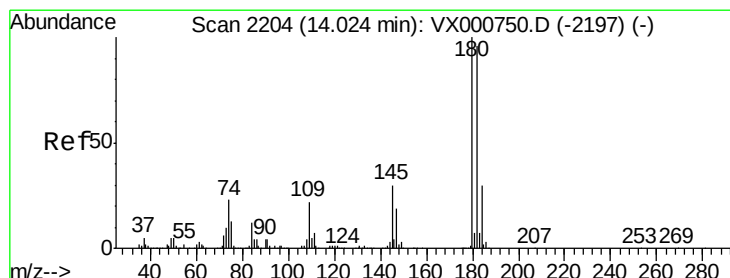
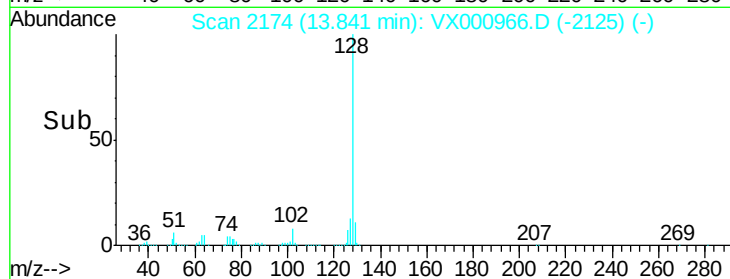
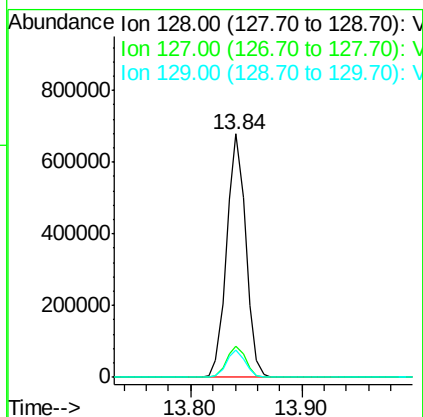
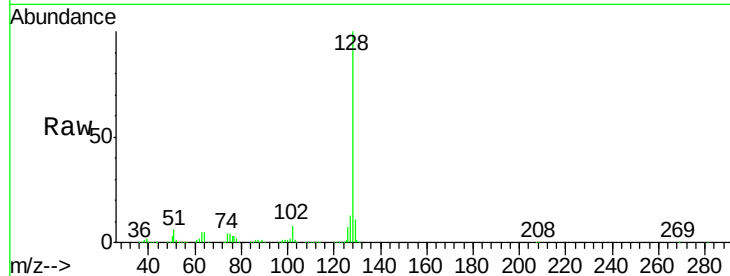




#95
Naphthalene
Concen: 45.53 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 800362
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.52 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX000966.D
Acq: 17 Apr 2018 15:41

Tgt Ion:180 Resp: 316117
Ion Ratio Lower Upper
180 100
182 96.0 48.4 145.2
145 29.2 14.6 43.8

