

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121918\
 Data File : VX006660.D
 Acq On : 20 Dec 2018 01:37
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 20 04:08:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	593064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	913409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	845673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	437427	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	296273	46.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.70%	
35) Dibromofluoromethane	5.50	113	269148	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
50) Toluene-d8	8.71	98	1026254	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
62) 4-Bromofluorobenzene	11.13	95	382243	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	252204	46.485	ug/l	99
3) Chloromethane	1.33	50	285212	48.795	ug/l	99
4) Vinyl Chloride	1.41	62	300055	49.151	ug/l	96
5) Bromomethane	1.64	94	299322	52.642	ug/l	97
6) Chloroethane	1.72	64	193133	45.690	ug/l	96
7) Trichlorofluoromethane	1.93	101	465858	48.946	ug/l	98
8) Diethyl Ether	2.19	74	179613	47.512	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	264641	47.356	ug/l	99
10) Methyl Iodide	2.51	142	433225	54.157	ug/l	100
11) Tert butyl alcohol	3.07	59	362307	253.988	ug/l	100
12) 1,1-Dichloroethene	2.37	96	262421	49.524	ug/l	98
13) Acrolein	2.29	56	211358	219.637	ug/l	99
14) Allyl chloride	2.73	41	436277	48.914	ug/l	99
15) Acrylonitrile	3.15	53	811229	256.133	ug/l	100
16) Acetone	2.45	43	655791	223.317	ug/l	98
17) Carbon Disulfide	2.57	76	644249	45.943	ug/l	99
18) Methyl Acetate	2.78	43	451760	52.318	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	898027	51.062	ug/l	99
20) Methylene Chloride	2.86	84	289241	47.632	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	278421	47.422	ug/l	100
22) Diisopropyl ether	3.87	45	833625	51.089	ug/l	92
23) Vinyl Acetate	3.82	43	3396665	254.490	ug/l	100
24) 1,1-Dichloroethane	3.70	63	472458	48.504	ug/l	99
25) 2-Butanone	4.70	43	1007174	243.828	ug/l	100
26) 2,2-Dichloropropane	4.59	77	302083	40.148	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	318728	49.204	ug/l	98
28) Bromochloromethane	5.02	49	218514	53.341	ug/l	99
29) Tetrahydrofuran	5.15	42	687323	252.637	ug/l	99
30) Chloroform	5.21	83	503038	49.870	ug/l	99
31) Cyclohexane	5.57	56	420749	47.547	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	429693	50.450	ug/l	99
36) 1,1-Dichloropropene	5.80	75	372039	49.178	ug/l	100
37) Ethyl Acetate	4.85	43	389835	49.510	ug/l	99
38) Carbon Tetrachloride	5.78	117	368432	50.112	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006660.D
 Acq On : 20 Dec 2018 01:37
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 20 04:08:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	460665	46.253	ug/l	97
40) Benzene	6.14	78	1138142	49.494	ug/l	98
41) Methacrylonitrile	5.06	41	216957	51.898	ug/l	98
42) 1,2-Dichloroethane	6.20	62	378606	48.317	ug/l	100
43) Isopropyl Acetate	6.46	43	634976	53.001	ug/l	99
44) Trichloroethene	7.21	130	339959	48.845	ug/l	97
45) 1,2-Dichloropropane	7.51	63	282308	50.449	ug/l	100
46) Dibromomethane	7.66	93	202681	49.241	ug/l	98
47) Bromodichloromethane	7.90	83	348469	50.993	ug/l	98
48) Methyl methacrylate	7.77	41	328830	53.973	ug/l	99
49) 1,4-Dioxane	7.75	88	166194	1043.449	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2041325	267.790	ug/l	99
52) Toluene	8.79	92	753759	50.737	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	375781	51.273	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	422921	52.590	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	308222	50.687	ug/l	97
56) Ethyl methacrylate	9.18	69	459325	53.444	ug/l	99
57) 1,3-Dichloropropane	9.37	76	489976	50.082	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1185245	259.436	ug/l	100
59) 2-Hexanone	9.49	43	1528732	262.111	ug/l	100
60) Dibromochloromethane	9.58	129	305669	48.152	ug/l	98
61) 1,2-Dibromoethane	9.67	107	333642	51.614	ug/l	100
64) Tetrachloroethene	9.34	164	333529	49.807	ug/l	98
65) Chlorobenzene	10.14	112	876043	48.966	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	298938	53.555	ug/l	99
67) Ethyl Benzene	10.25	91	1456216	49.811	ug/l	100
68) m/p-Xylenes	10.36	106	1165935	101.069	ug/l	98
69) o-Xylene	10.70	106	566414	49.722	ug/l	97
70) Styrene	10.71	104	925238	51.339	ug/l	100
71) Bromoform	10.86	173	224003	44.981	ug/l	99
73) Isopropylbenzene	11.02	105	1504757	50.284	ug/l	100
74) N-amyl acetate	10.90	43	580346	54.180	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	456337	51.275	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	505033	62.126	ug/l	91
77) Bromobenzene	11.26	156	409288	50.589	ug/l	99
78) n-propylbenzene	11.36	91	1670871	50.704	ug/l	100
79) 2-Chlorotoluene	11.42	91	990570	49.602	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1244329	50.483	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	110584	42.127	ug/l	97
82) 4-Chlorotoluene	11.51	91	1154107	50.382	ug/l	100
83) tert-Butylbenzene	11.77	119	1241812	50.339	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1277637	49.280	ug/l	99
85) sec-Butylbenzene	11.94	105	1524721	50.411	ug/l	100
86) p-Isopropyltoluene	12.06	119	1363441	51.282	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	724917	49.717	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	723969	48.434	ug/l	100
89) n-Butylbenzene	12.39	91	1148254	50.747	ug/l	99
90) Hexachloroethane	12.60	117	200315	48.263	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	717304	49.178	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	92928	50.463	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121918\
Data File : VX006660.D
Acq On : 20 Dec 2018 01:37
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Dec 20 04:08:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

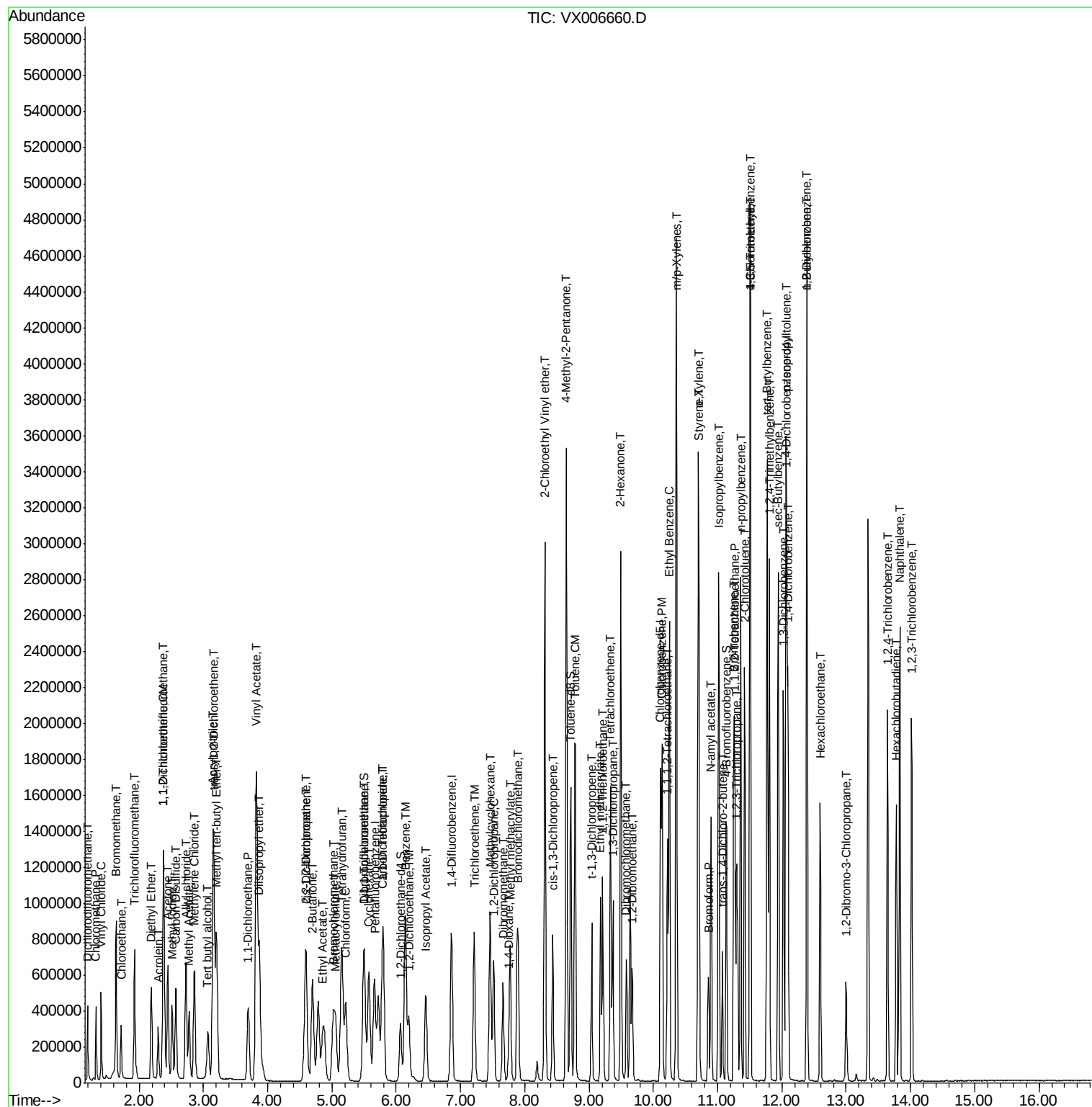
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	505905	50.282	ug/l	99
94) Hexachlorobutadiene	13.78	225	223508	47.130	ug/l	100
95) Naphthalene	13.83	128	1601501	49.872	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	510257	49.119	ug/l	98

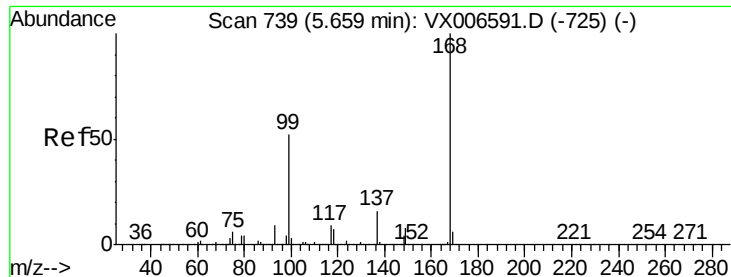
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121918\
 Data File : VX006660.D
 Acq On : 20 Dec 2018 01:37
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 20 04:08:54 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

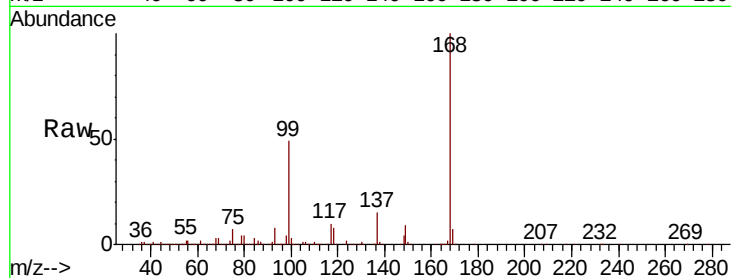
VSTDCCC050EC

Tot Ion:168 Resp: 593064

Ion Ratio Lower Upper

168 100

99 49.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

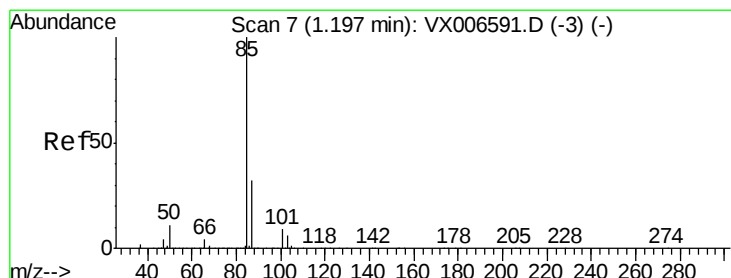
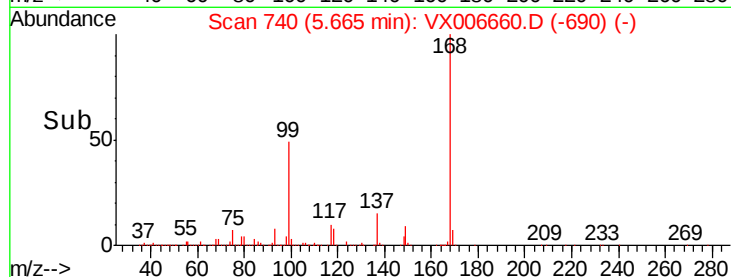
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.485 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006660.D

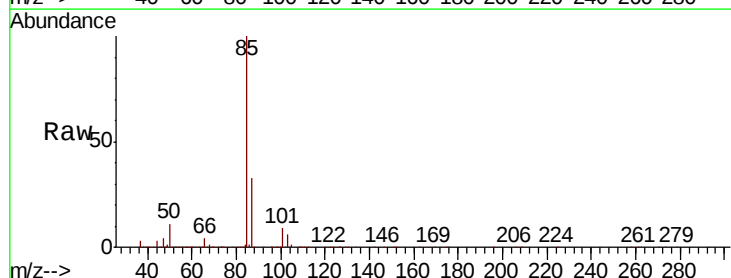
Acq: 20 Dec 2018 01:37

Tgt Ion: 85 Resp: 252204

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

150000

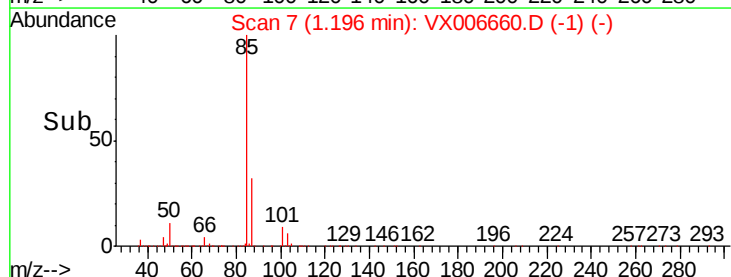
100000

50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 48.795 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

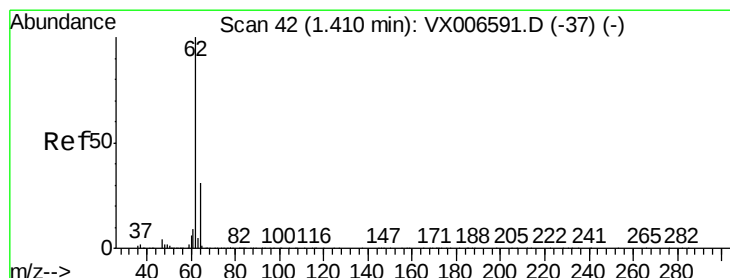
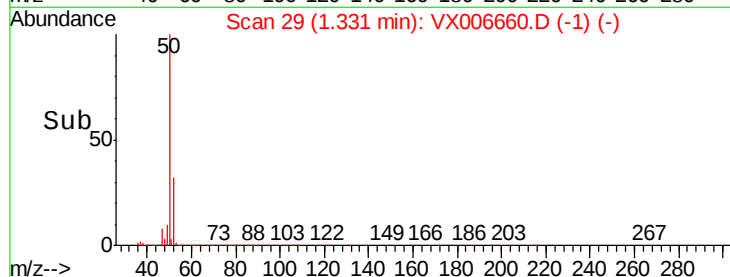
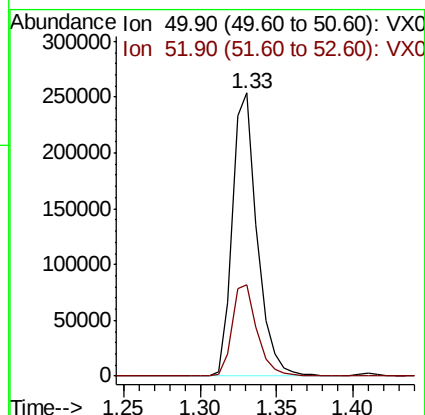
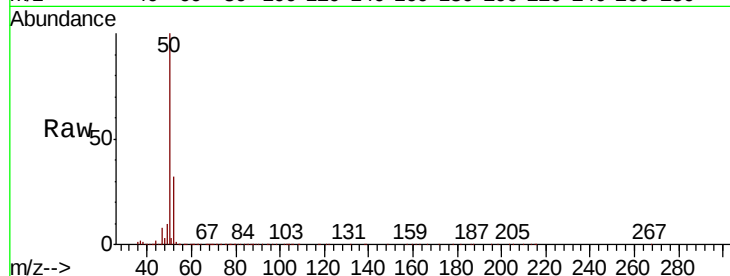
VSTDCCC050EC

Tot Ion: 50 Resp: 285212

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 49.151 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006660.D

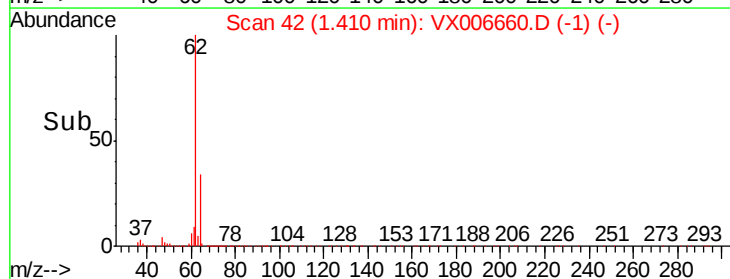
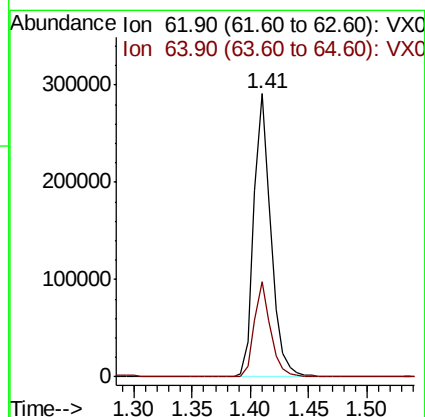
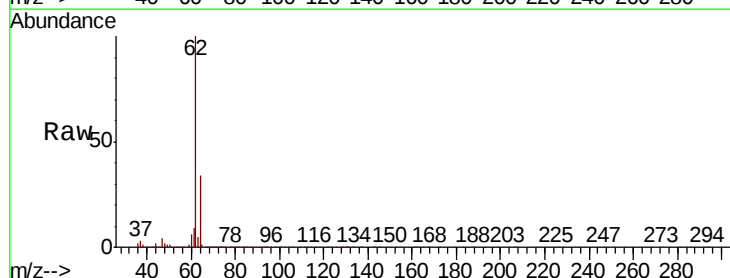
Acq: 20 Dec 2018 01:37

Tgt Ion: 62 Resp: 300055

Ion Ratio Lower Upper

62 100

64 33.5 25.1 37.7





#5

Bromomethane

Concen: 52.642 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

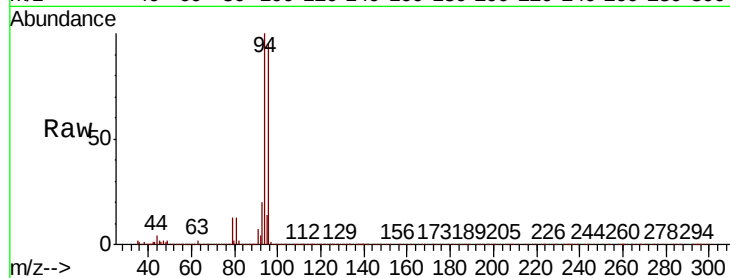
VSTDCCC050EC

Tot Ion: 94 Resp: 299322

Ion Ratio Lower Upper

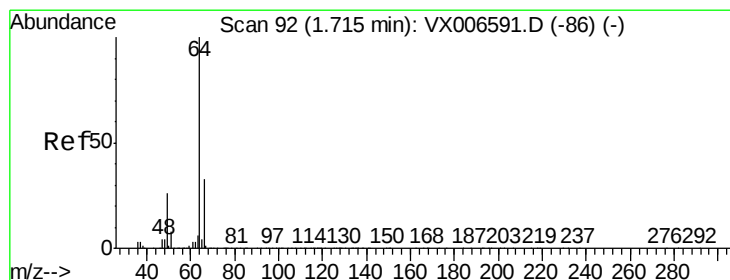
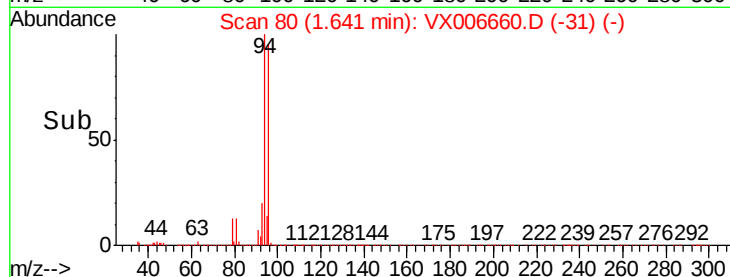
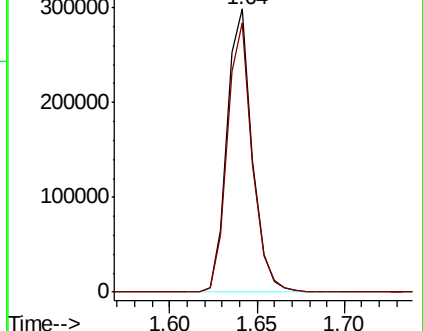
94 100

96 94.9 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.690 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006660.D

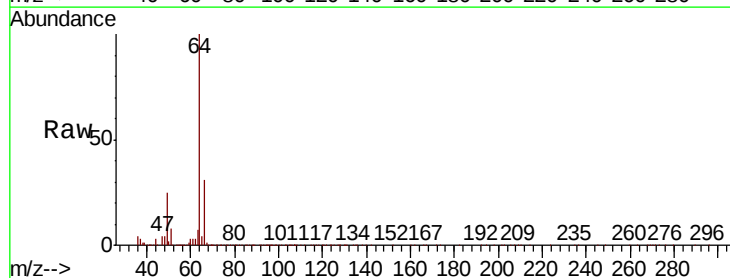
Acq: 20 Dec 2018 01:37

Tgt Ion: 64 Resp: 193133

Ion Ratio Lower Upper

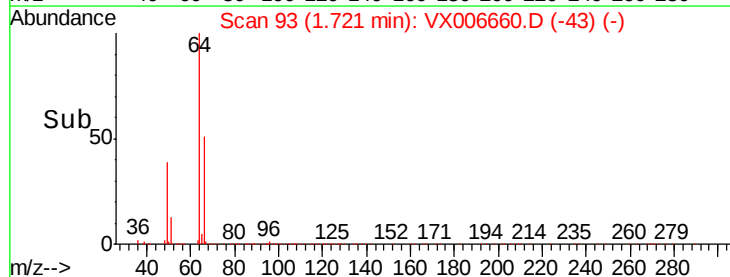
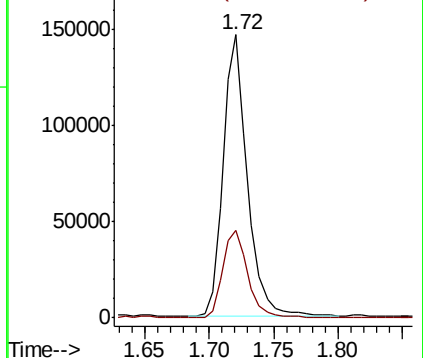
64 100

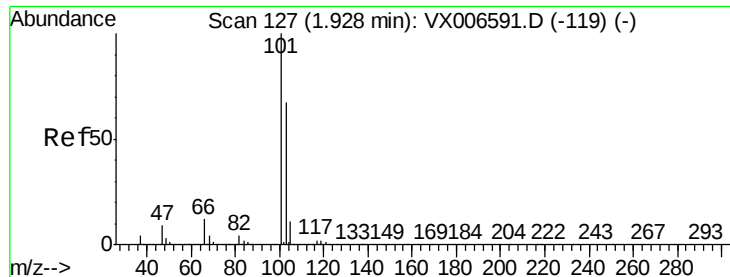
66 30.9 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



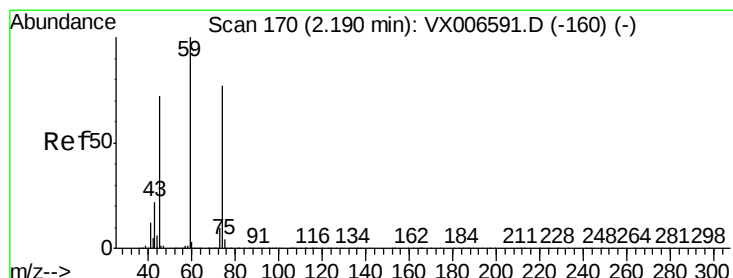
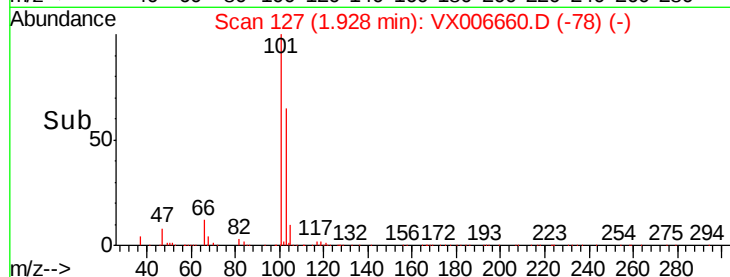
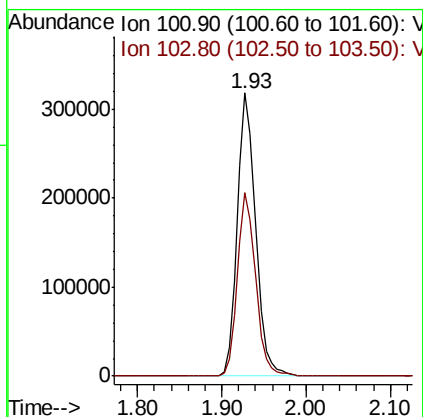
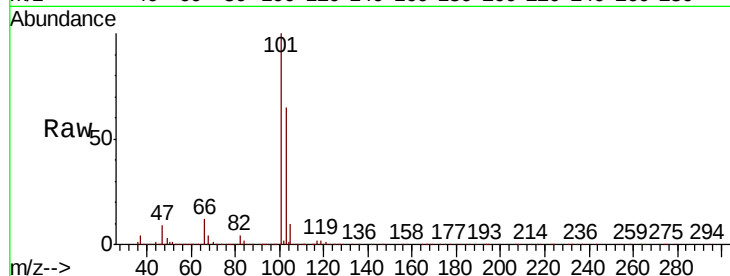


#7

Trichlorofluoromethane
Concen: 48.946 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

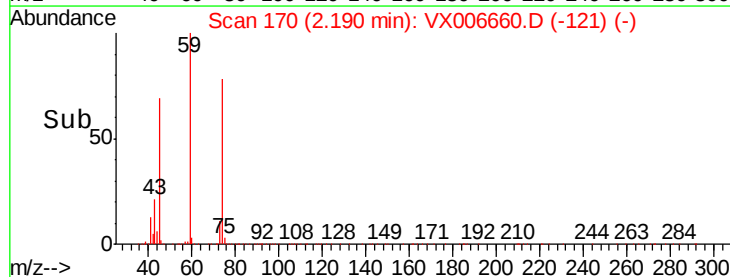
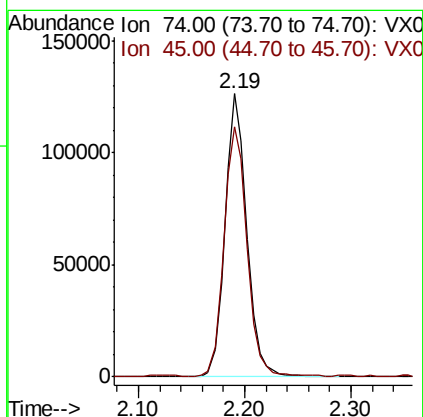
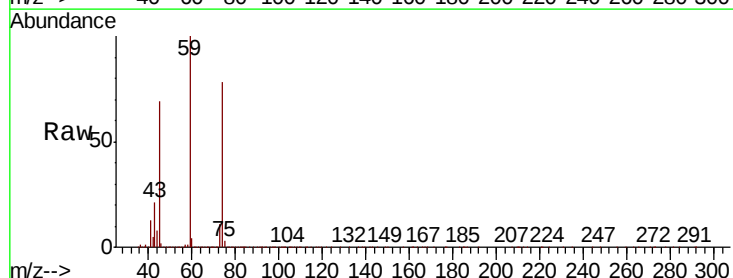
Tot Ion:101 Resp: 465858
Ion Ratio Lower Upper
101 100
103 64.8 53.2 79.8



#8

Diethyl Ether
Concen: 47.512 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

Tgt Ion: 74 Resp: 179613
Ion Ratio Lower Upper
74 100
45 93.0 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.356 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

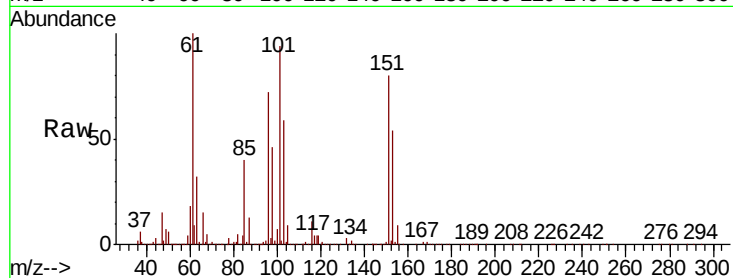
Tot Ion:101 Resp: 264641

Ion Ratio Lower Upper

101 100

85 43.0 35.1 52.7

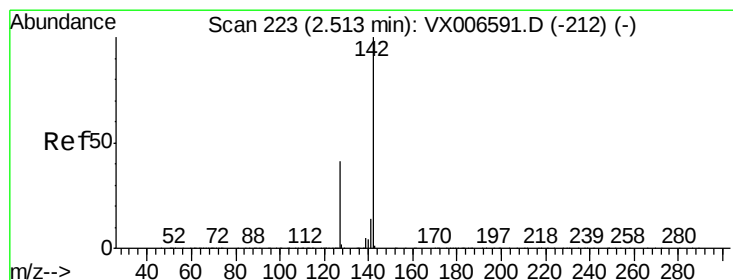
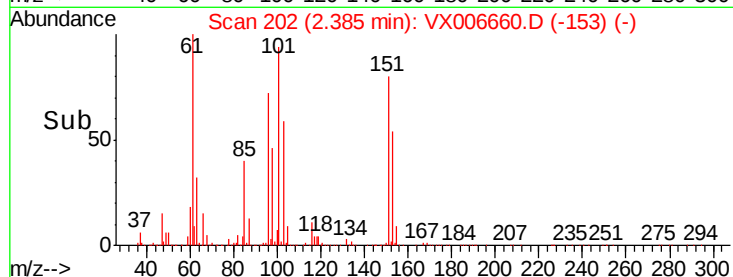
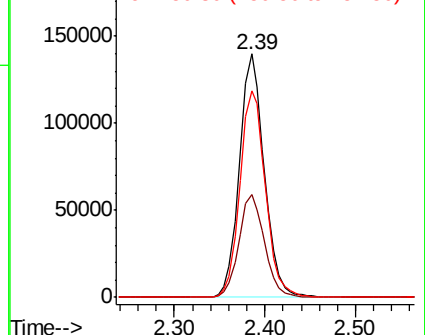
151 87.3 68.9 103.3



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: 54.157 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

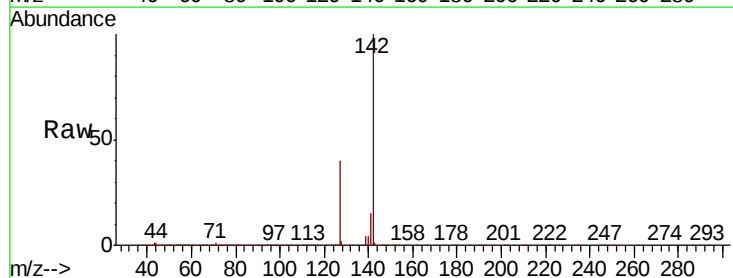
Tgt Ion:142 Resp: 433225

Ion Ratio Lower Upper

142 100

127 42.3 33.9 50.9

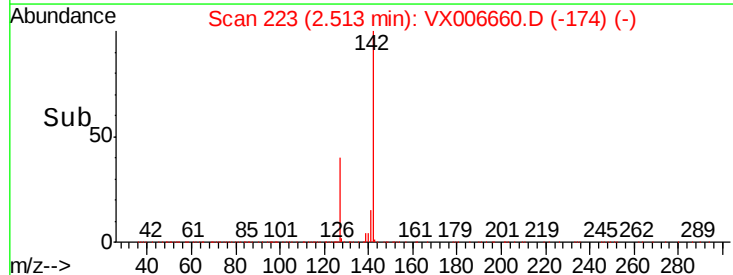
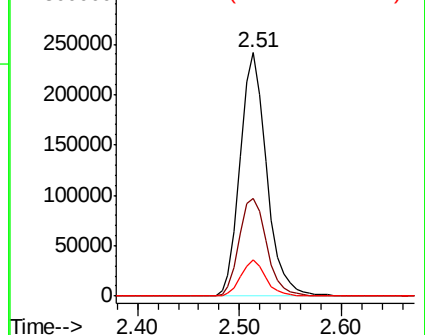
141 14.3 11.4 17.0

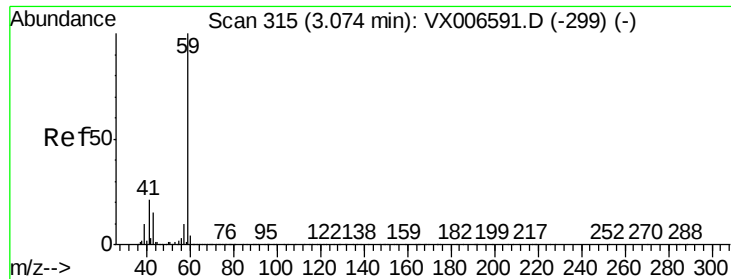


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



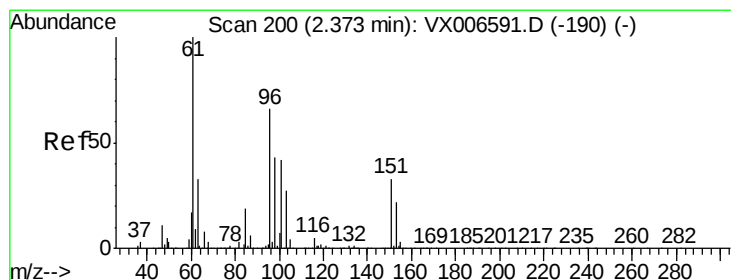
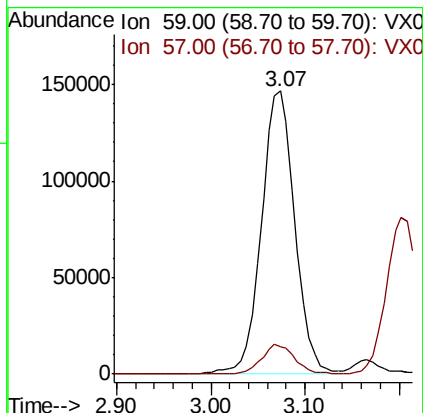
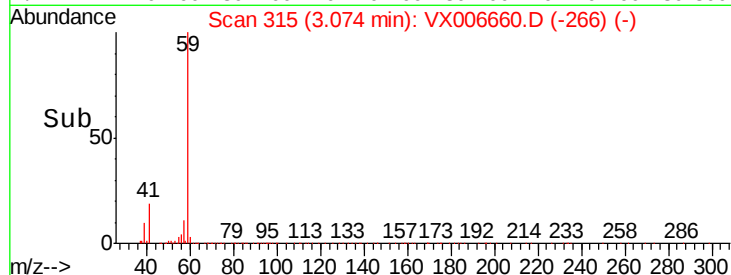
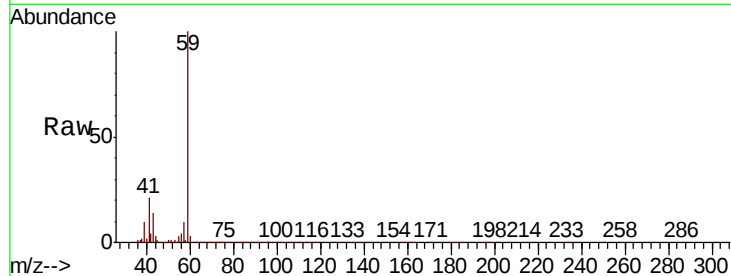


#11

Tert butyl alcohol
Concen: 253.988 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

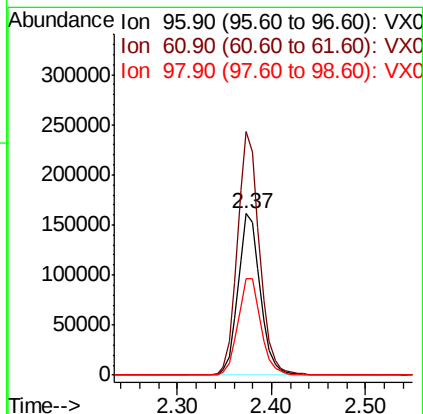
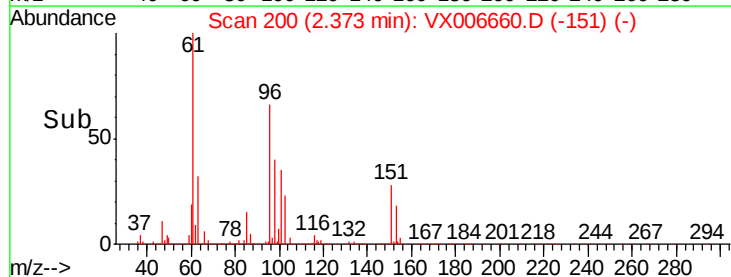
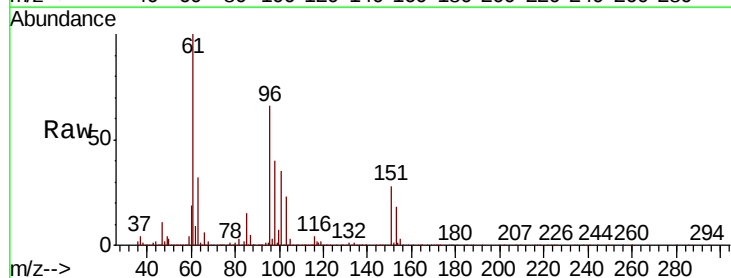
Tot Ion: 59 Resp: 362307
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

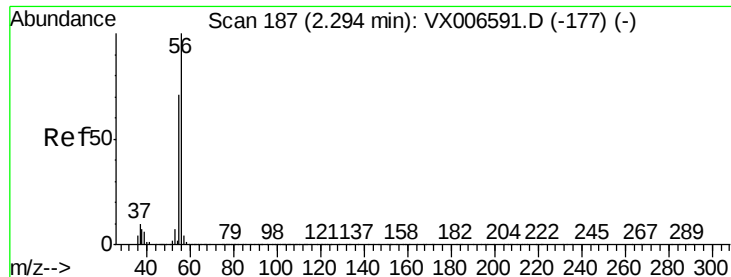


#12

1,1-Dichloroethene
Concen: 49.524 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

Tgt Ion: 96 Resp: 262421
Ion Ratio Lower Upper
96 100
61 151.0 121.4 182.2
98 59.8 51.9 77.9





#13

Acrolein

Concen: 219.637 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

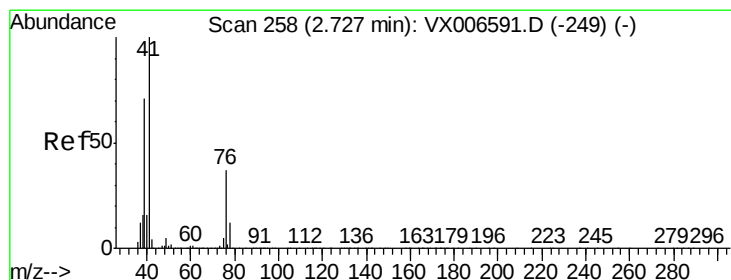
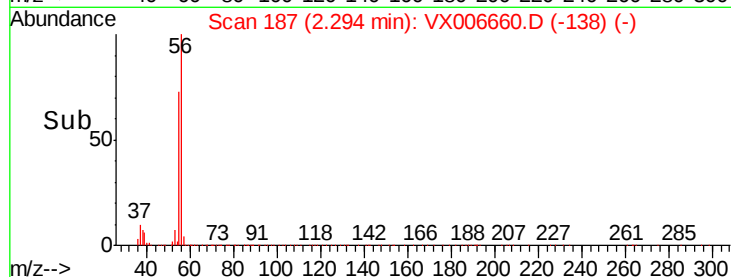
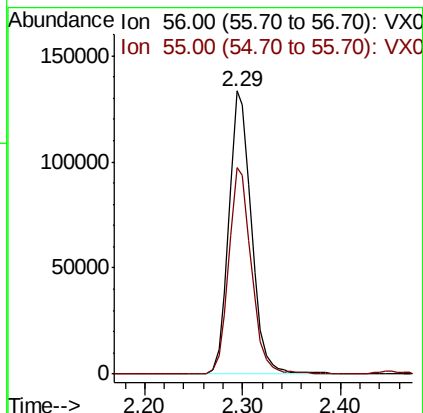
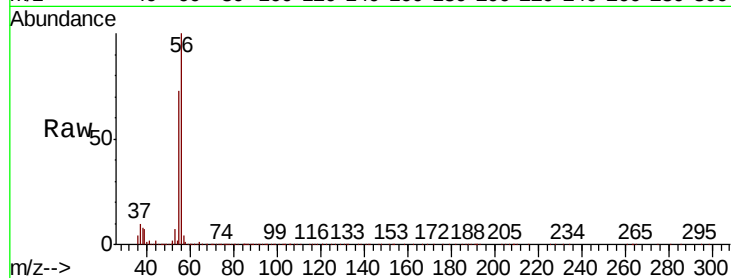
VSTDCCC050EC

Tot Ion: 56 Resp: 211358

Ion Ratio Lower Upper

56 100

55 73.4 58.2 87.4



#14

Allyl chloride

Concen: 48.914 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

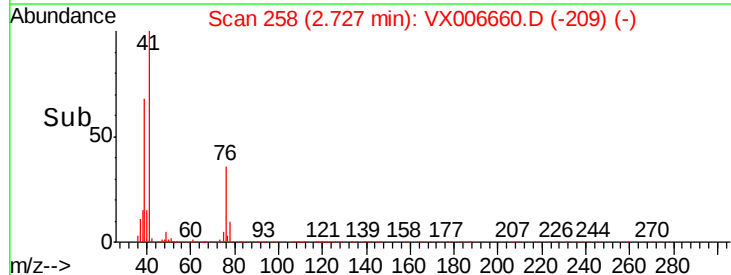
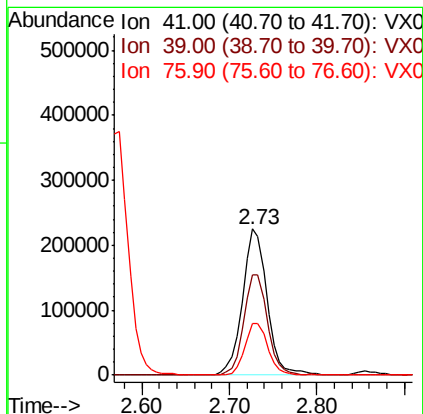
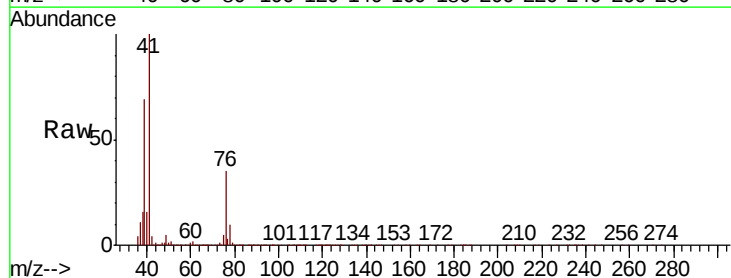
Tgt Ion: 41 Resp: 436277

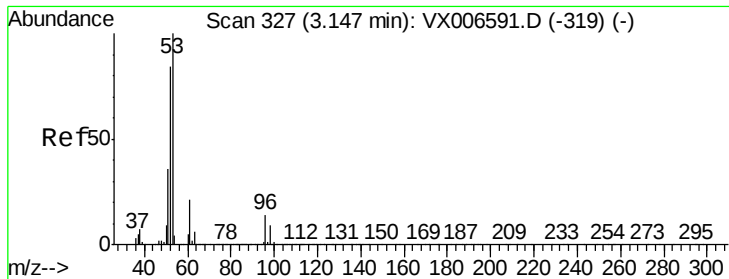
Ion Ratio Lower Upper

41 100

39 66.4 53.6 80.4

76 33.4 27.4 41.2

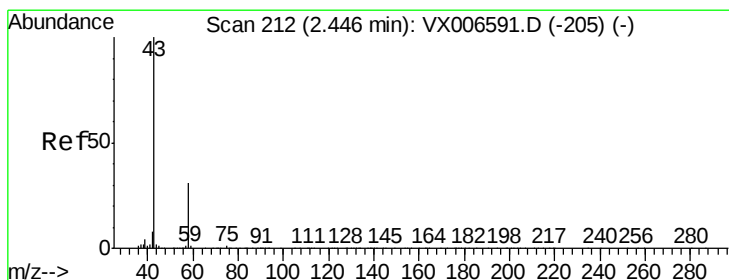
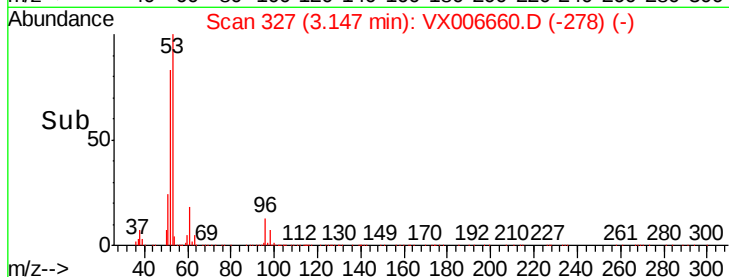
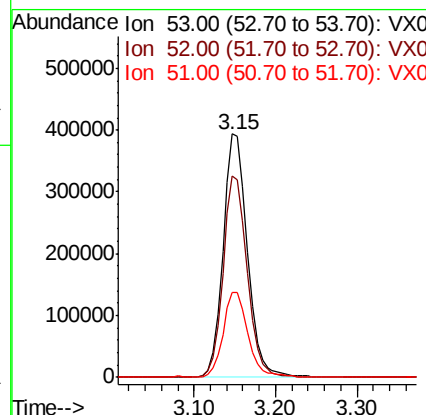
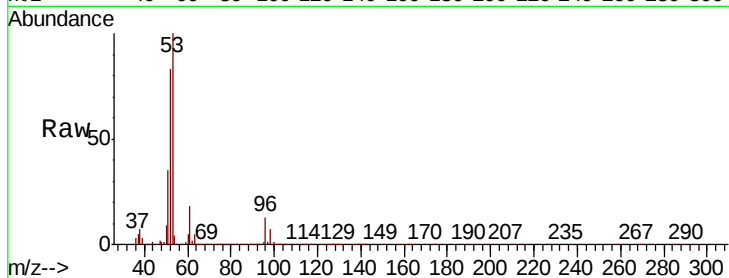




#15
 Acrylonitrile
 Concen: 256.133 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX006660.D
 Acq: 20 Dec 2018 01:37

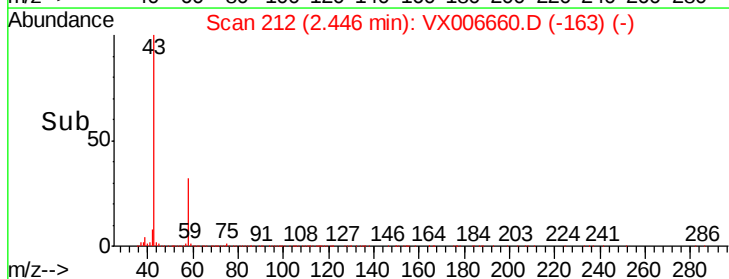
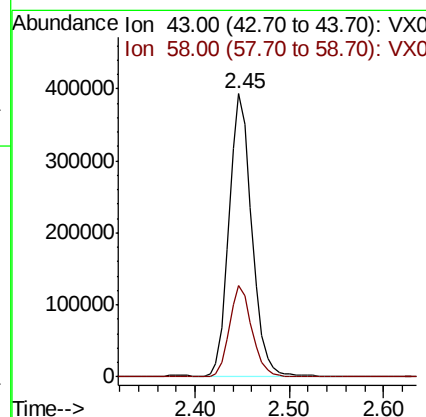
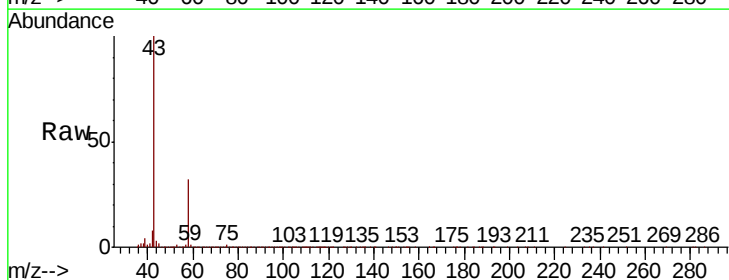
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

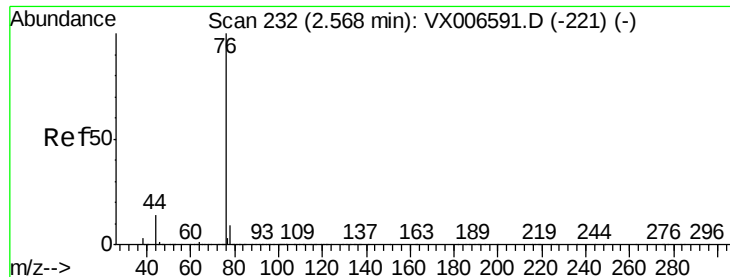
Tot Ion:	53	Resp:	811229
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.0	99.0
51	35.8	28.6	42.8



#16
 Acetone
 Concen: 223.317 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX006660.D
 Acq: 20 Dec 2018 01:37

Tgt Ion:	43	Resp:	655791
Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.0	37.6





#17

Carbon Disulfide

Concen: 45.943 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

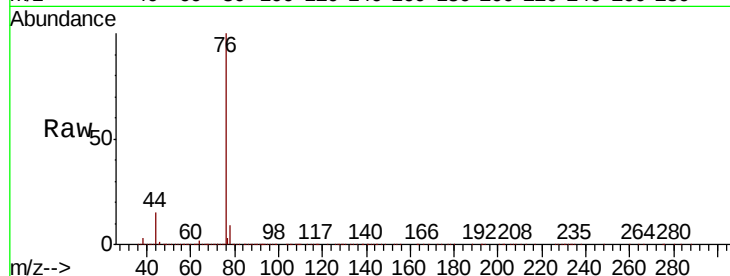
VSTDCCC050EC

Tot Ion: 76 Resp: 644249

Ion Ratio Lower Upper

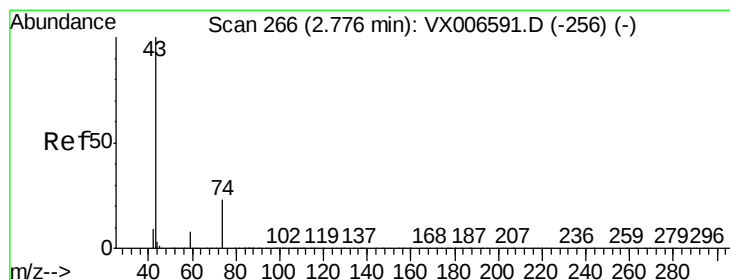
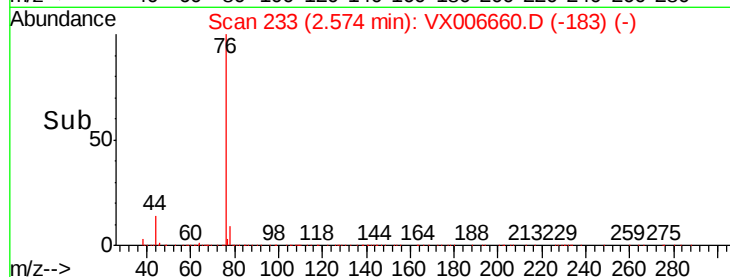
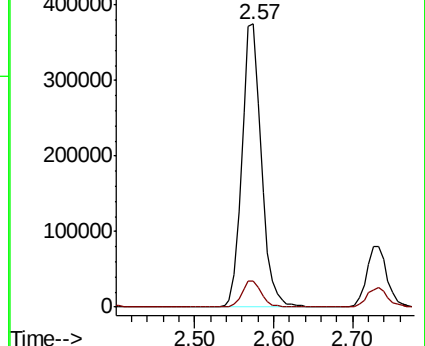
76 100

78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.318 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006660.D

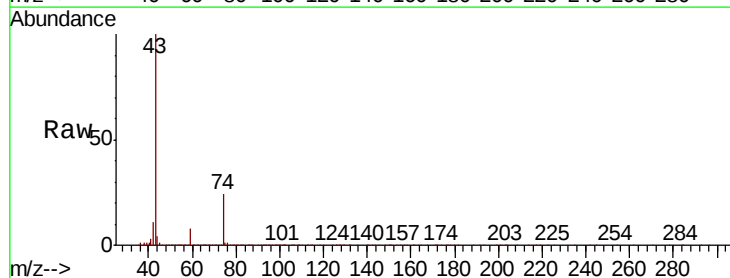
Acq: 20 Dec 2018 01:37

Tgt Ion: 43 Resp: 451760

Ion Ratio Lower Upper

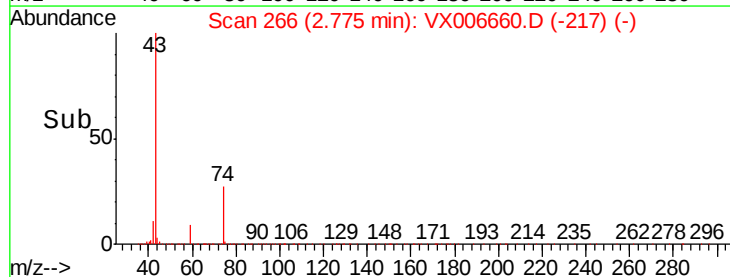
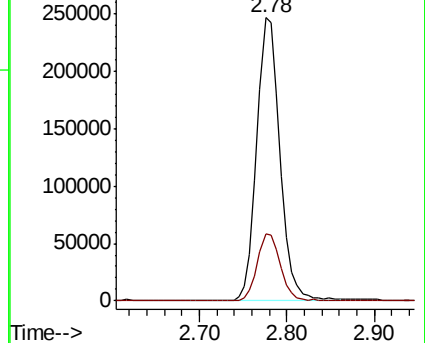
43 100

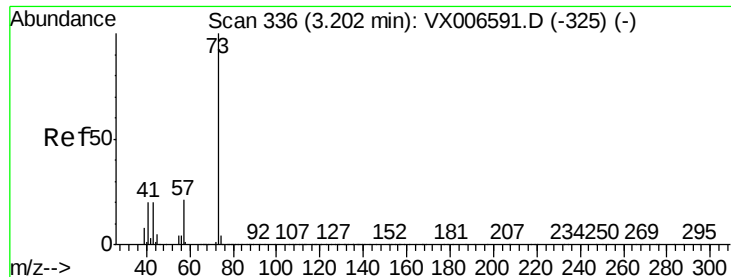
74 24.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



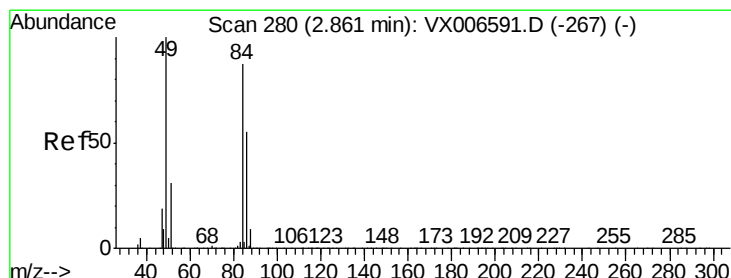
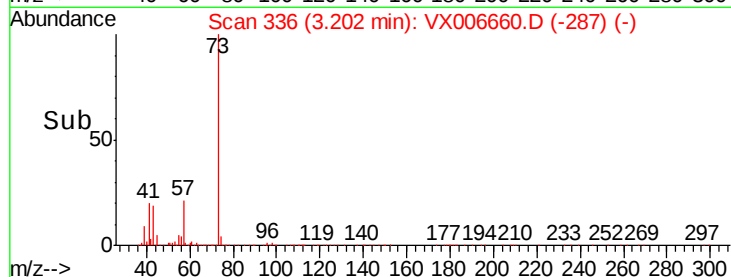
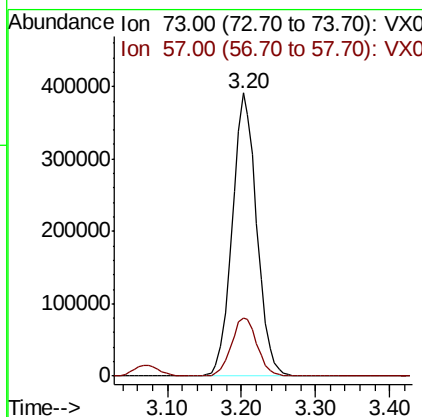
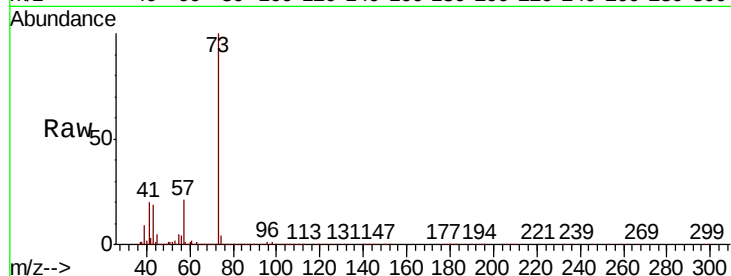


#19

Methyl tert-butyl Ether
 Concen: 51.062 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006660.D
 Acq: 20 Dec 2018 01:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

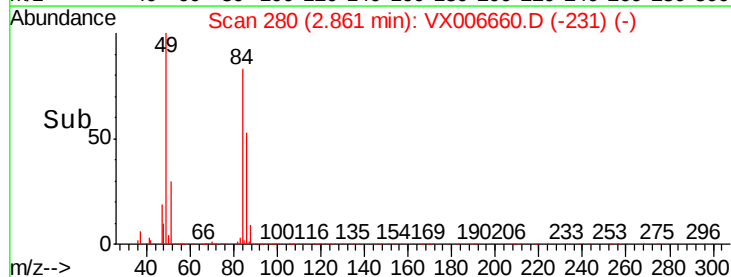
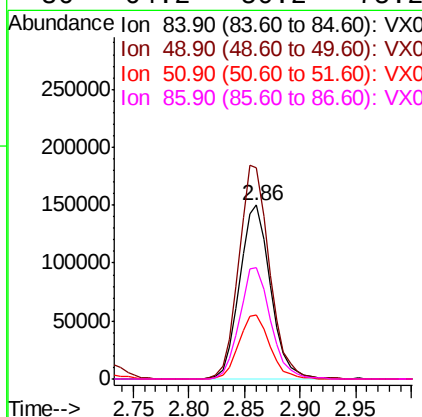
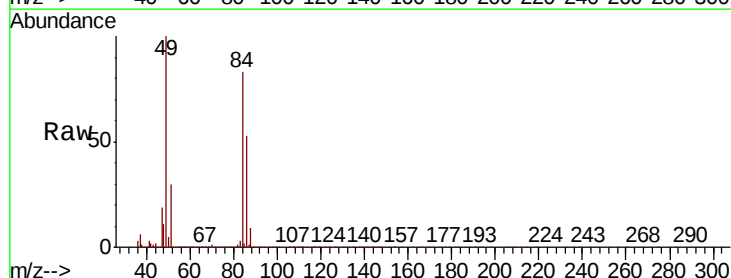
Tot Ion: 73 Resp: 898027
 Ion Ratio Lower Upper
 73 100
 57 20.6 16.8 25.2

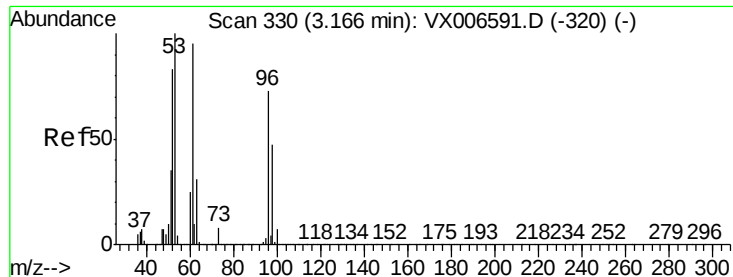


#20

Methylene Chloride
 Concen: 47.632 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX006660.D
 Acq: 20 Dec 2018 01:37

Tgt Ion: 84 Resp: 289241
 Ion Ratio Lower Upper
 84 100
 49 121.0 91.8 137.6
 51 36.6 28.5 42.7
 86 64.2 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 47.422 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

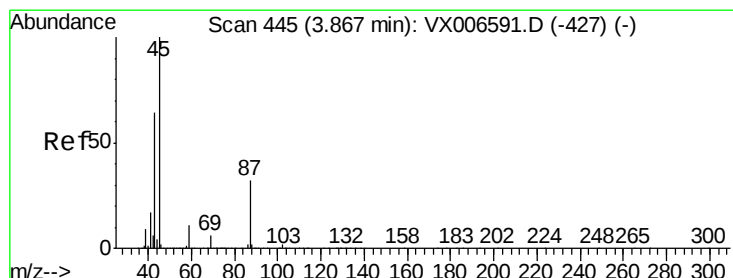
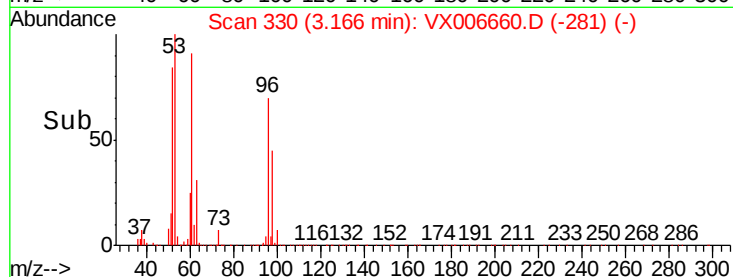
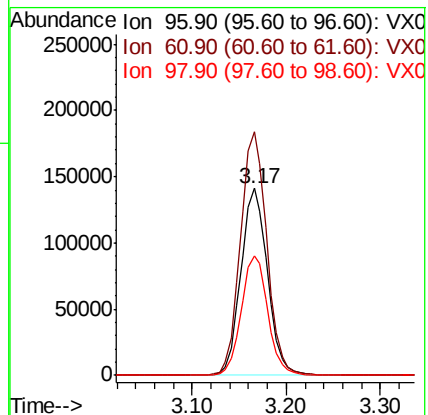
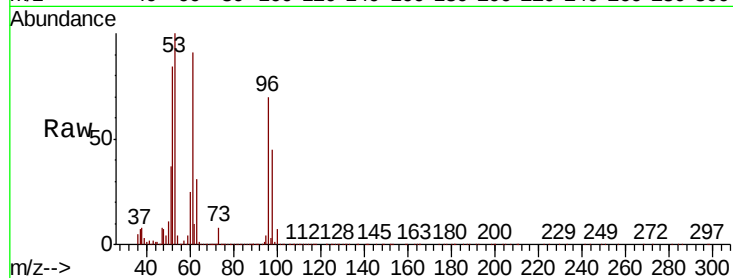
Tot Ion: 96 Resp: 278421

Ion Ratio Lower Upper

96 100

61 130.2 103.7 155.5

98 63.8 51.0 76.6



#22

Diisopropyl ether

Concen: 51.089 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Tgt Ion: 45 Resp: 833625

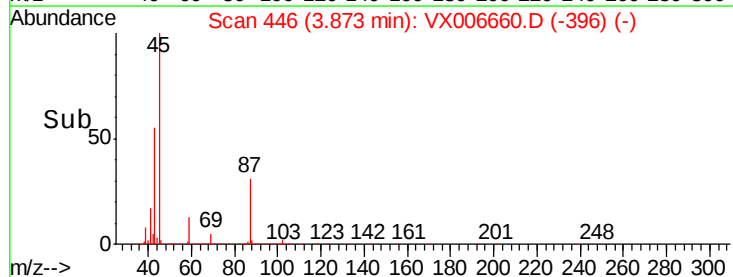
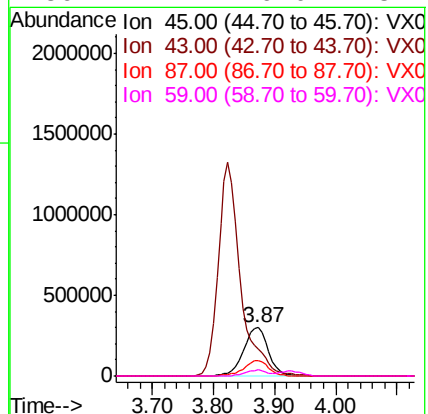
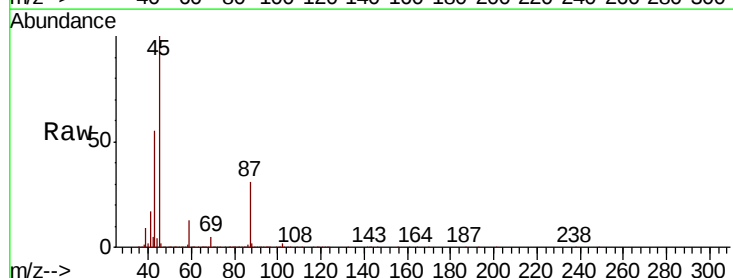
Ion Ratio Lower Upper

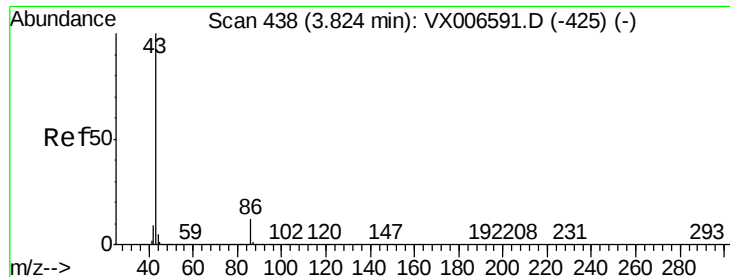
45 100

43 55.3 51.2 76.8

87 31.0 25.8 38.6

59 12.7 9.0 13.4





#23

Vinyl Acetate

Concen: 254.490 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

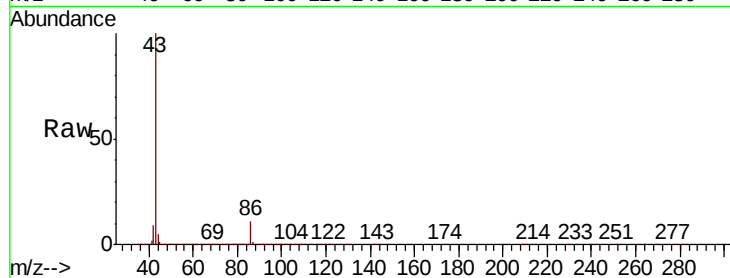
VSTDCCC050EC

Tot Ion: 43 Resp: 3396665

Ion Ratio Lower Upper

43 100

86 11.4 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

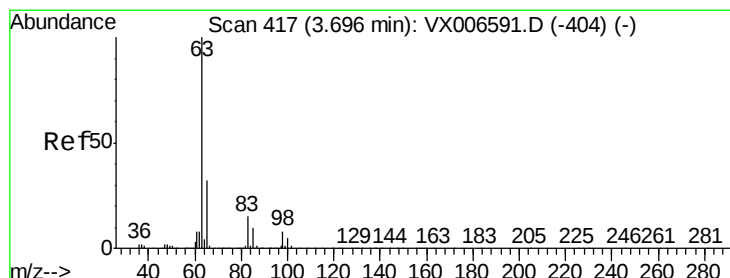
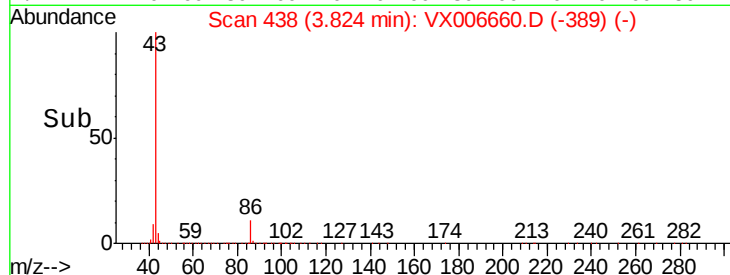
1500000

1000000

500000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.504 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

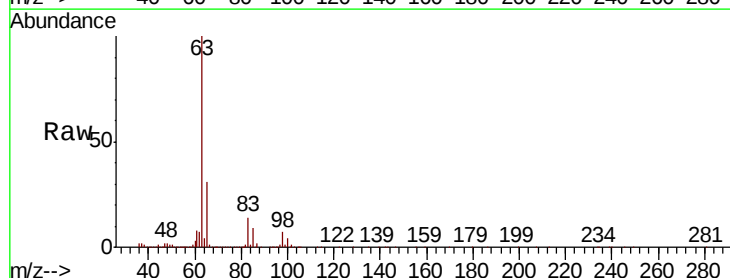
Tgt Ion: 63 Resp: 472458

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 4.5 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

250000

200000

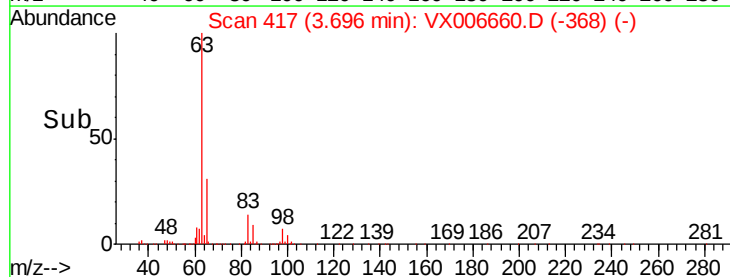
150000

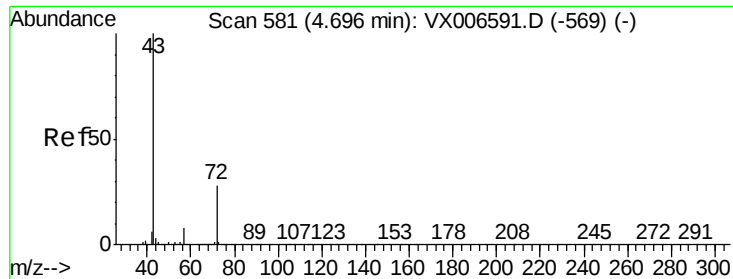
100000

50000

0

Time-->

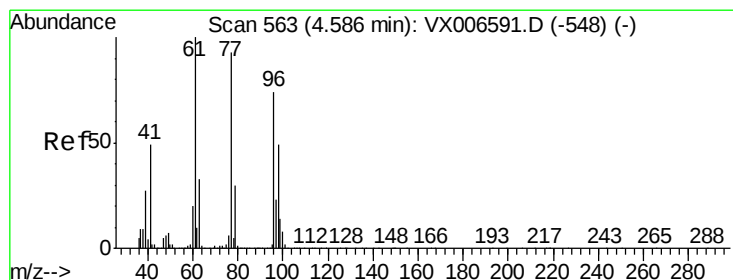
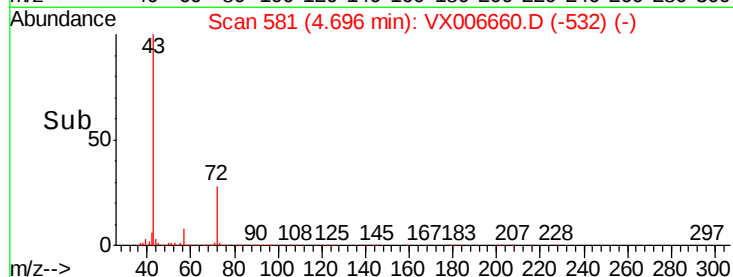
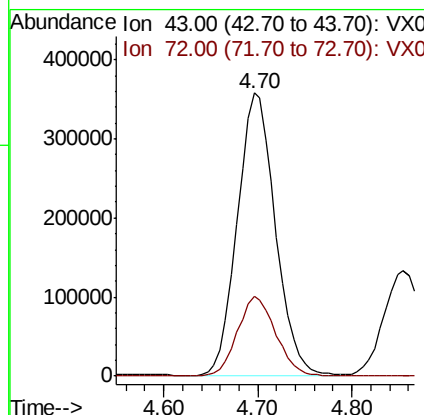
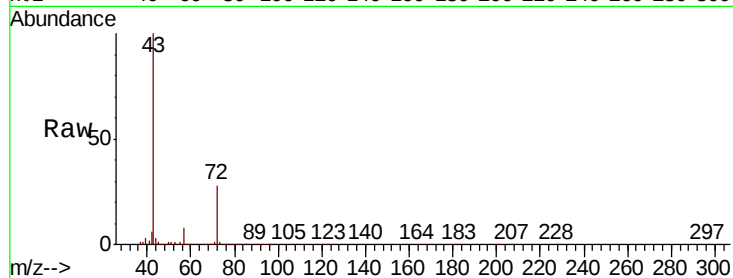




#25
2-Butanone
Concen: 243.828 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

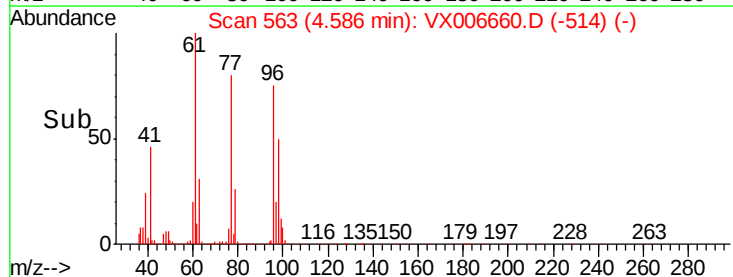
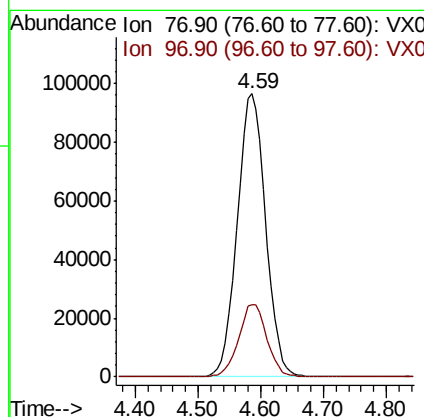
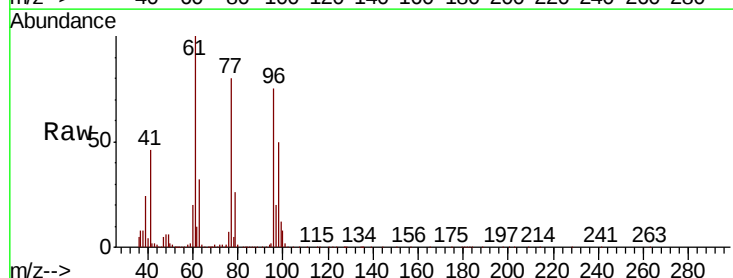
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1007174
Ion Ratio Lower Upper
43 100
72 28.0 22.4 33.6



#26
2,2-Dichloropropane
Concen: 40.148 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

Tgt Ion: 77 Resp: 302083
Ion Ratio Lower Upper
77 100
97 25.5 12.4 37.4



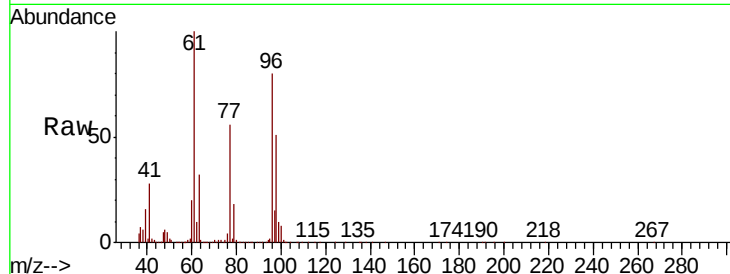


#27

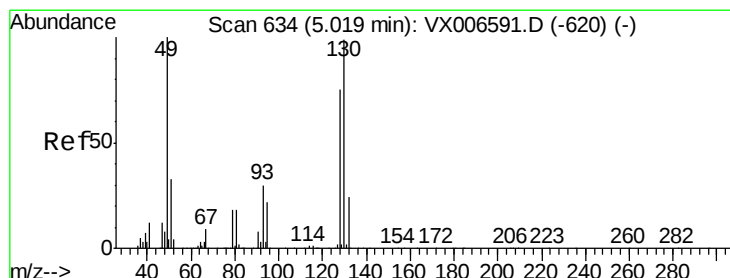
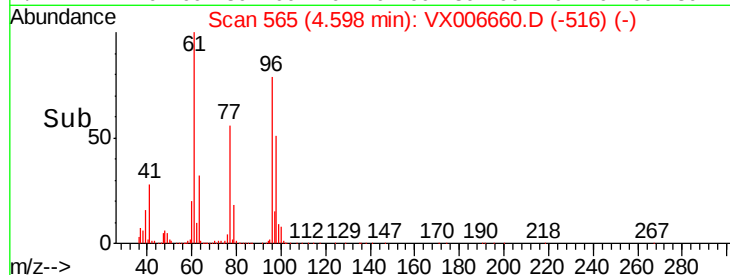
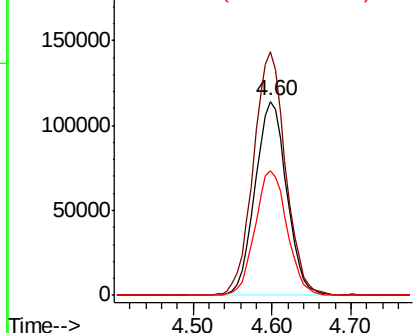
cis-1,2-Dichloroethene
Concen: 49.204 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 318728
Ion Ratio Lower Upper
96 100
61 127.1 0.0 258.6
98 65.2 0.0 132.0



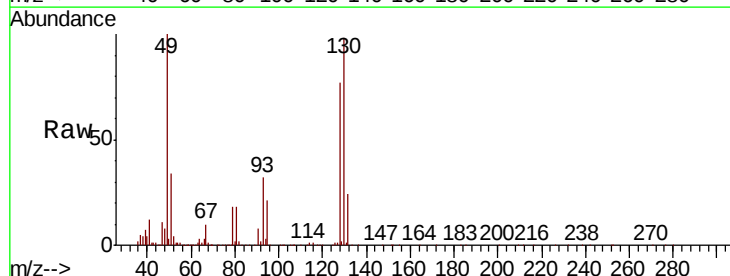
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



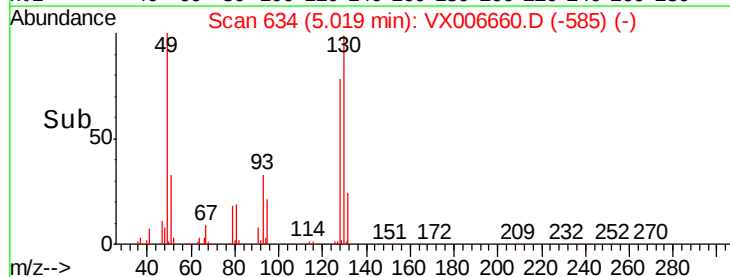
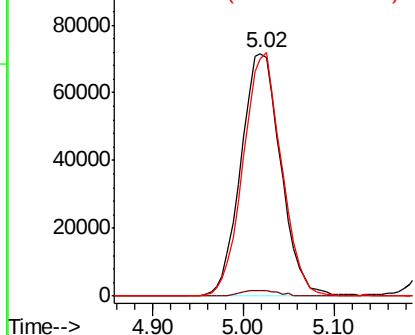
#28

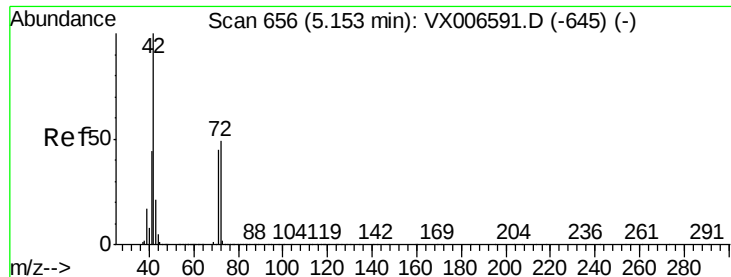
Bromochloromethane
Concen: 53.341 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

Tgt Ion: 49 Resp: 218514
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.4
130 96.1 77.7 116.5



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: 252.637 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

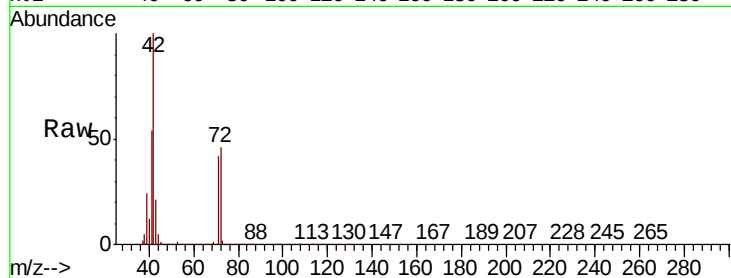
Tot Ion: 42 Resp: 687323

Ion Ratio Lower Upper

42 100

72 47.5 38.9 58.3

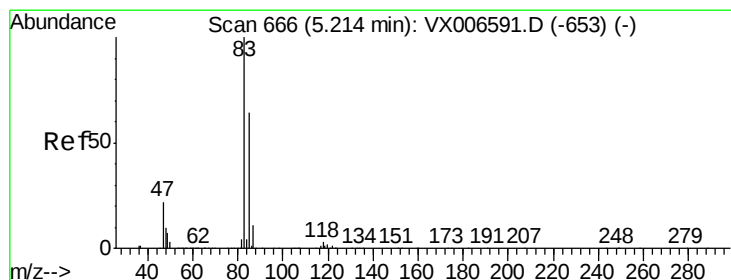
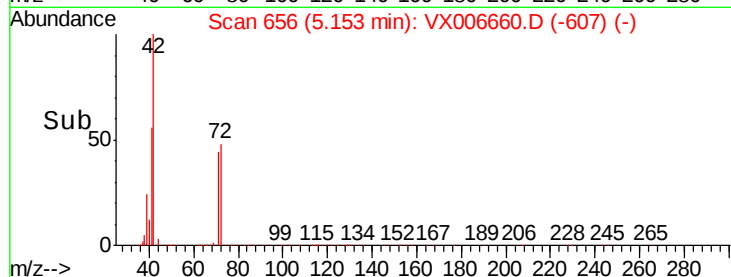
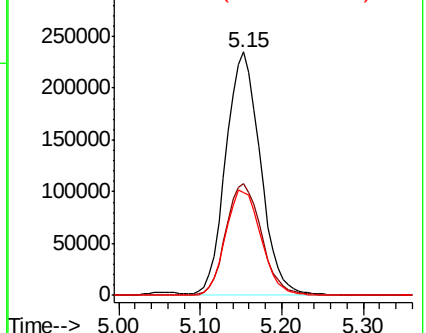
71 44.8 36.2 54.4



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: 49.870 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006660.D

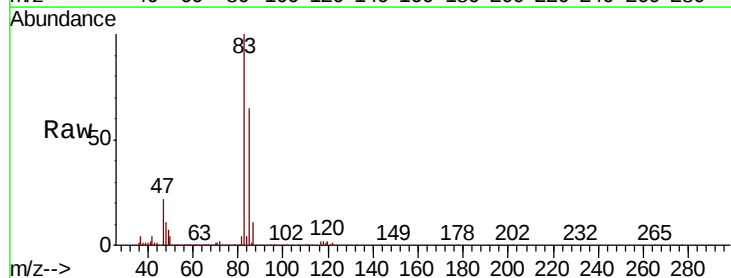
Acq: 20 Dec 2018 01:37

Tgt Ion: 83 Resp: 503038

Ion Ratio Lower Upper

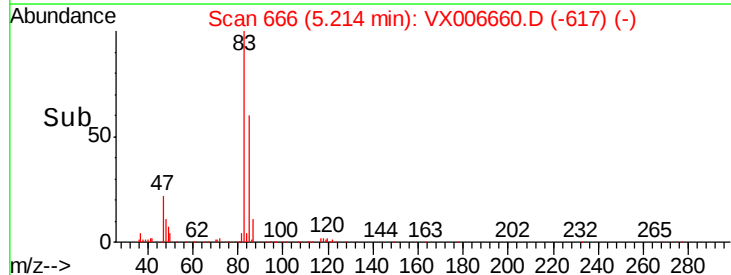
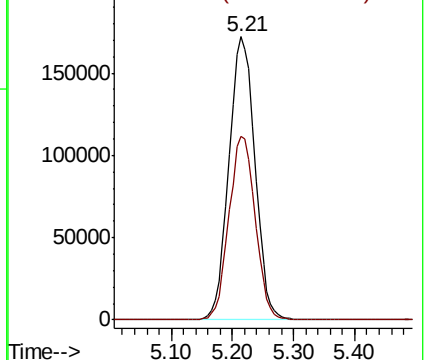
83 100

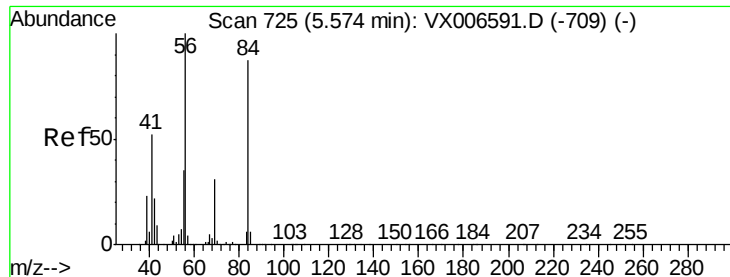
85 64.7 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

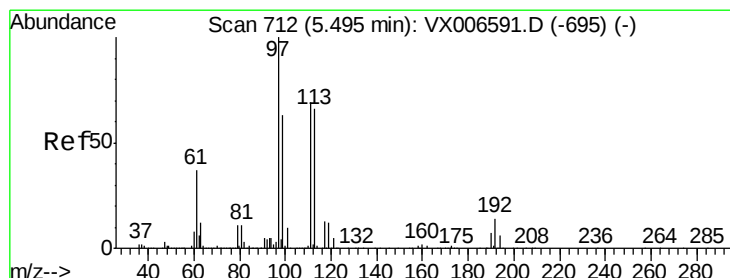
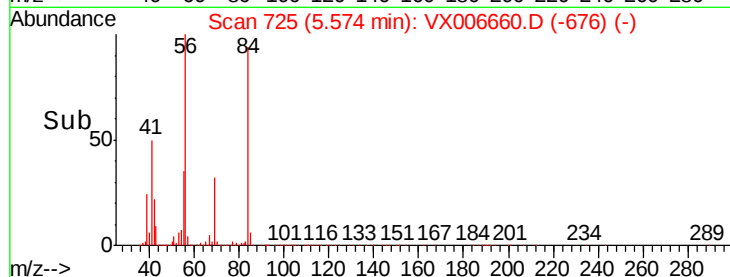
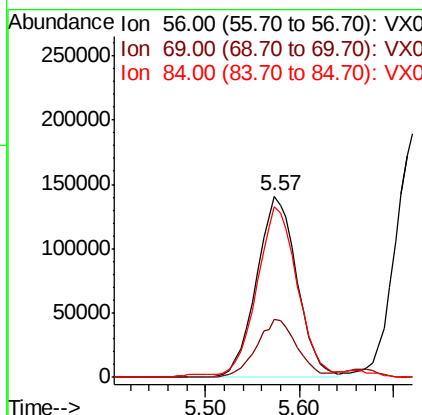
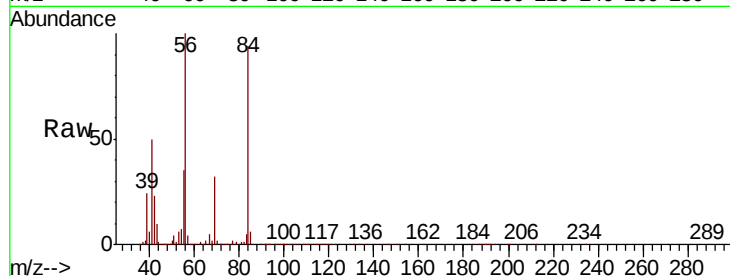




#31
Cyclohexane
Concen: 47.547 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

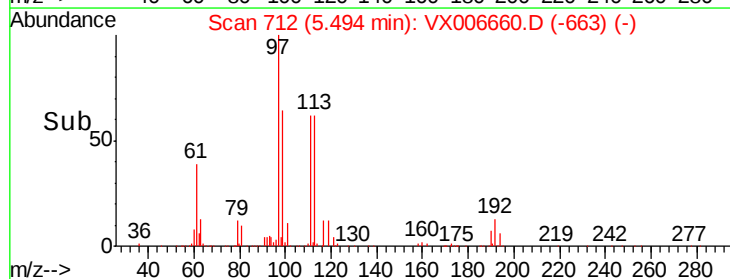
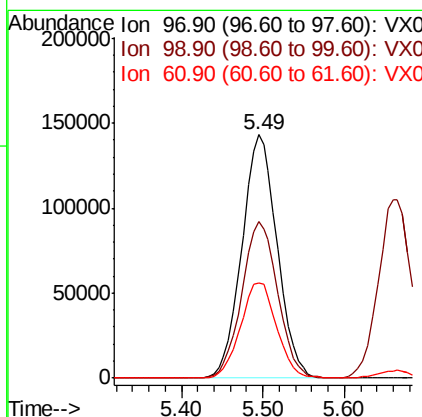
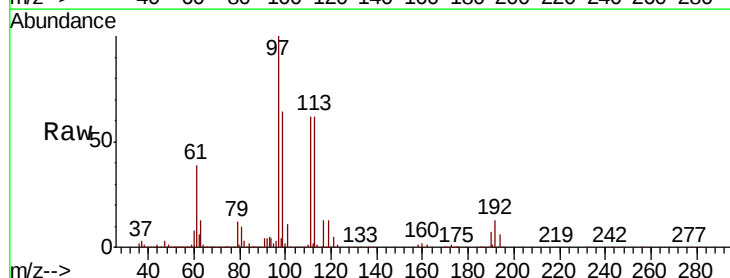
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

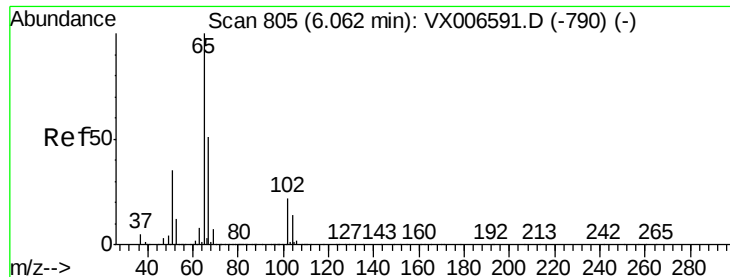
Tot Ion: 56 Resp: 420749
Ion Ratio Lower Upper
56 100
69 31.9 24.4 36.6
84 92.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.450 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

Tgt Ion: 97 Resp: 429693
Ion Ratio Lower Upper
97 100
99 65.6 51.7 77.5
61 40.2 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 46.352 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

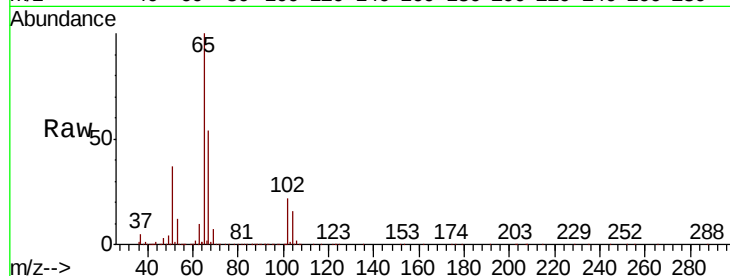
VSTDCCC050EC

Tot Ion: 65 Resp: 296273

Ion Ratio Lower Upper

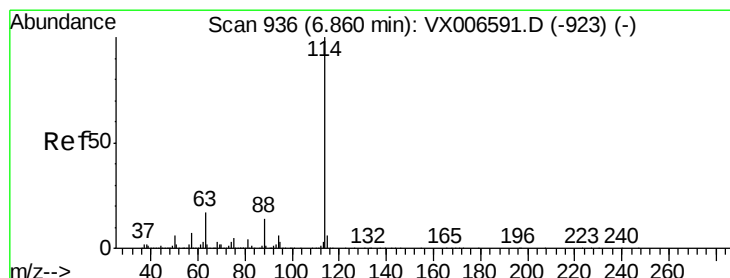
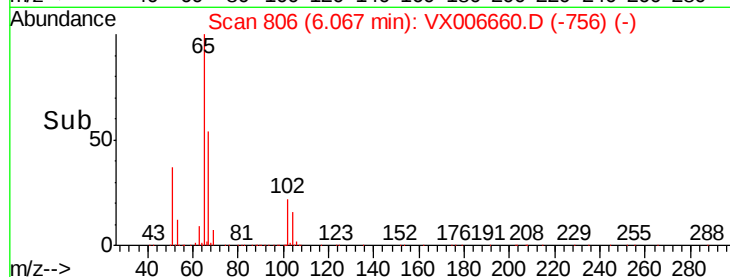
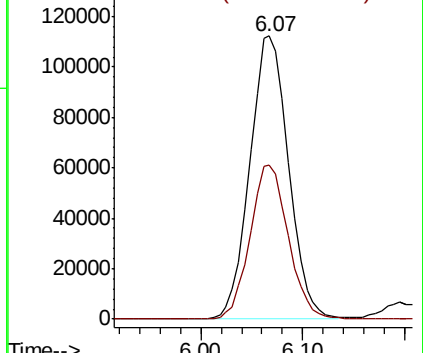
65 100

67 53.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

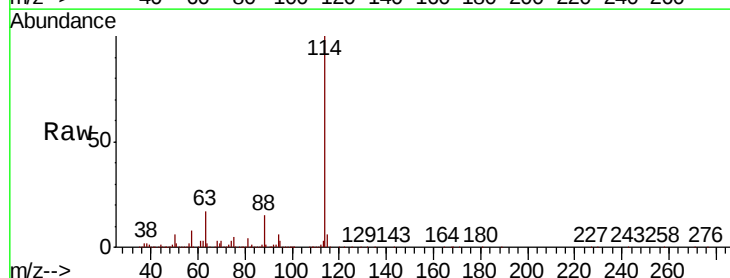
Tgt Ion: 114 Resp: 913409

Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.8

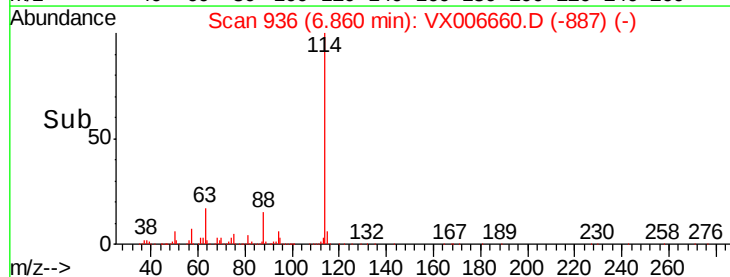
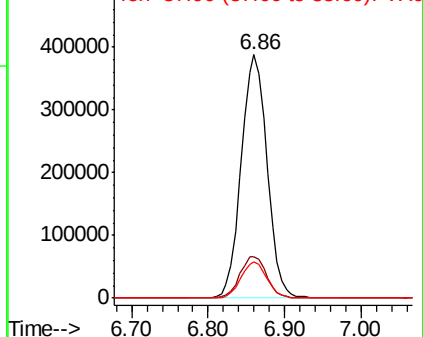
88 14.7 0.0 28.8

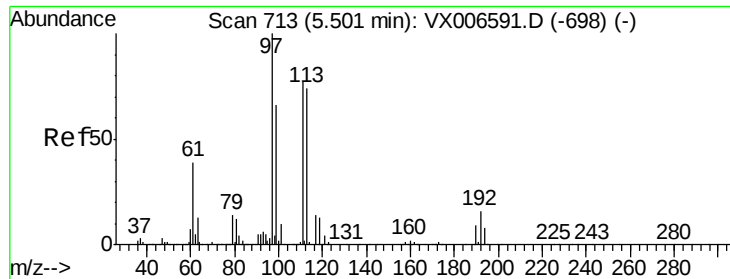


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.596 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

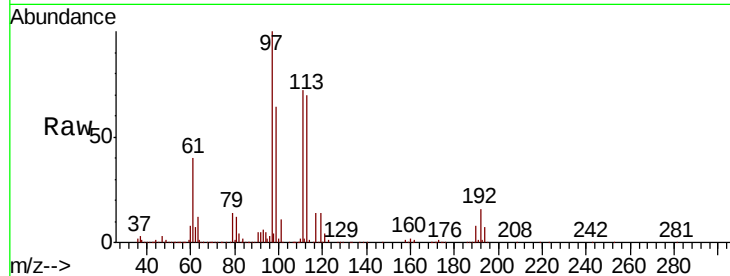
Tot Ion:113 Resp: 269148

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

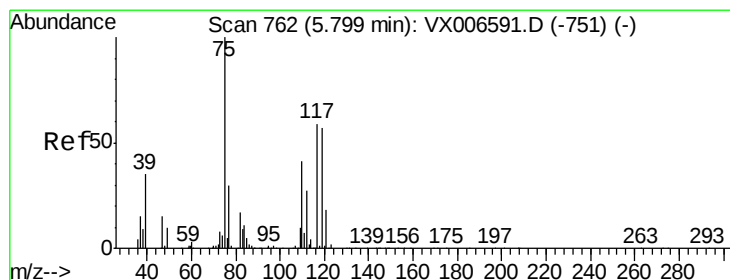
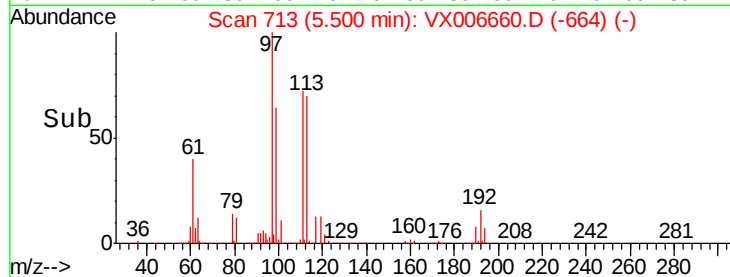
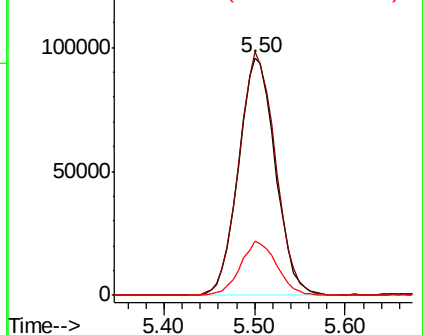
192 22.6 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.178 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

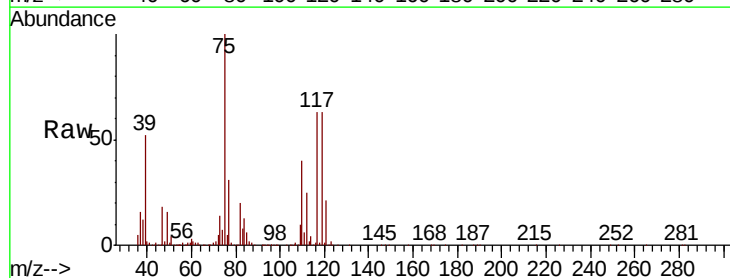
Tgt Ion: 75 Resp: 372039

Ion Ratio Lower Upper

75 100

110 40.3 20.2 60.5

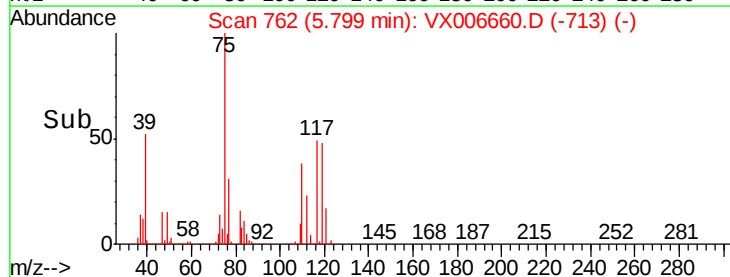
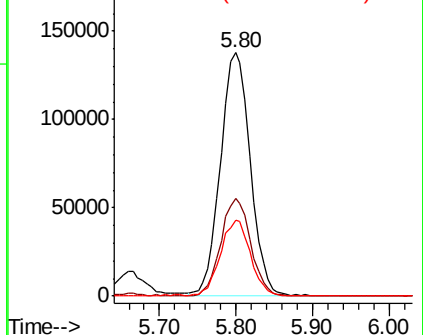
77 31.2 24.8 37.2

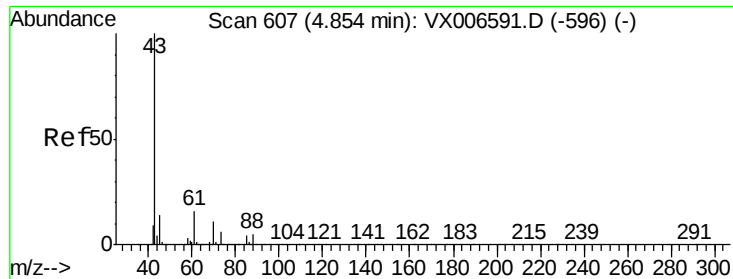


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

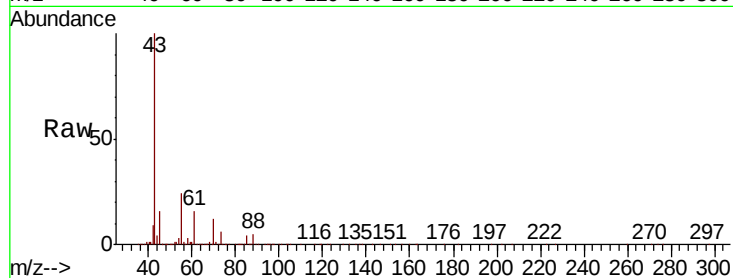




#37
Ethyl Acetate
Concen: 49.510 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.9	17.9
70	11.7	9.7	14.5

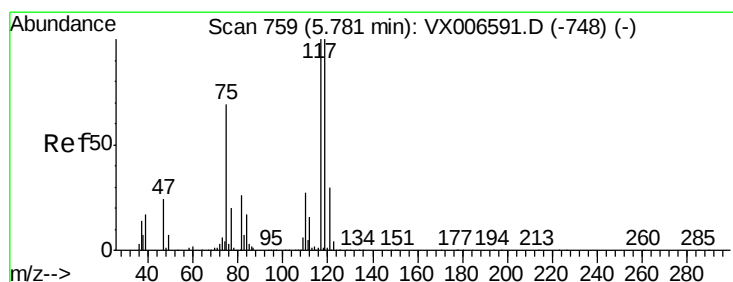
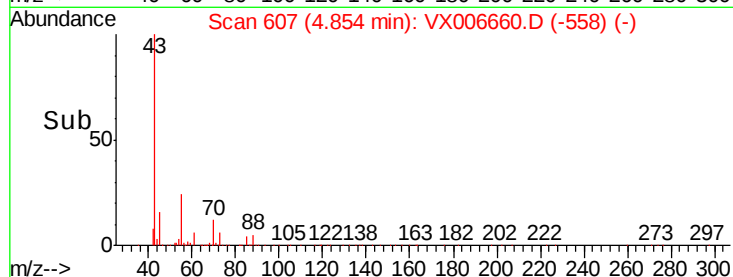
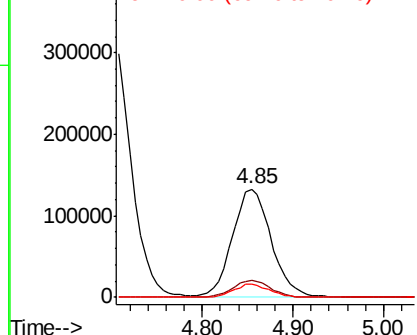


Abundance

Ion 43.00 (42.70 to 43.70): VX0

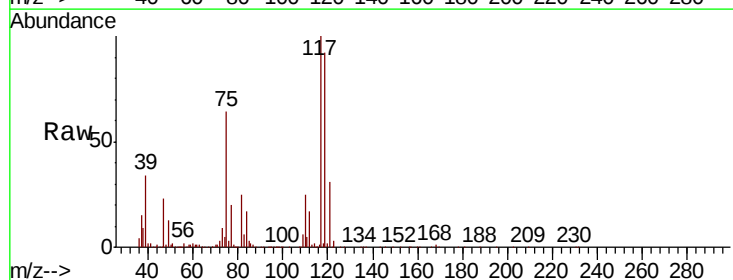
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 50.112 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	79.4	119.2
121	30.6	24.0	36.0

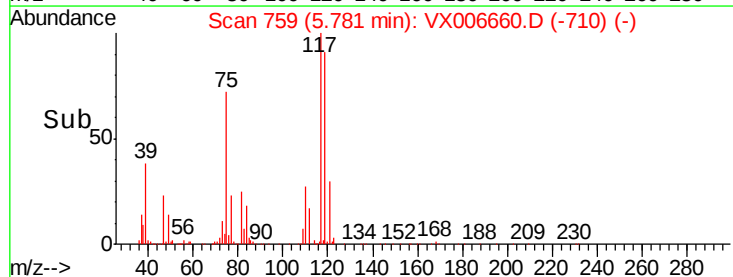
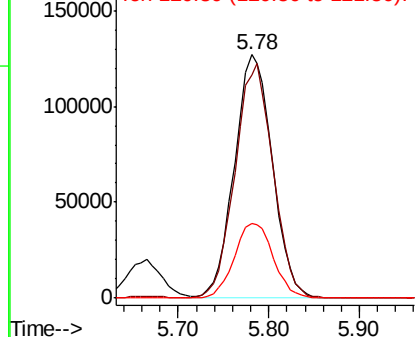


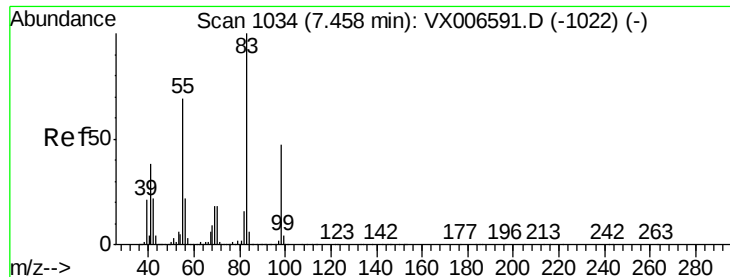
Abundance

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

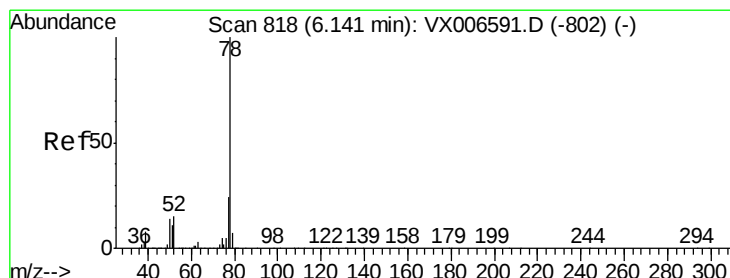
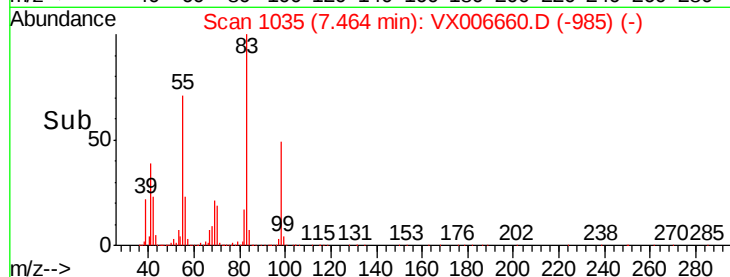
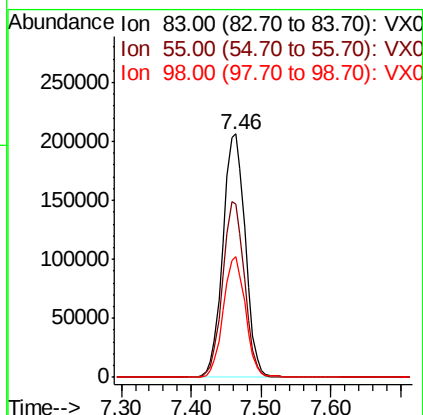
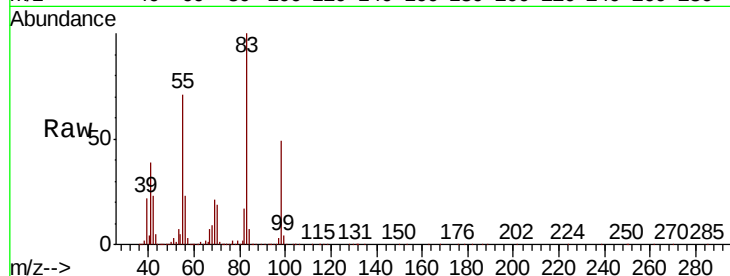




#39
Methvlcvclohexane
Concen: 46.253 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

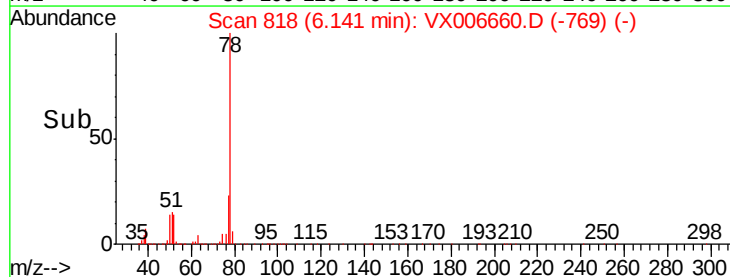
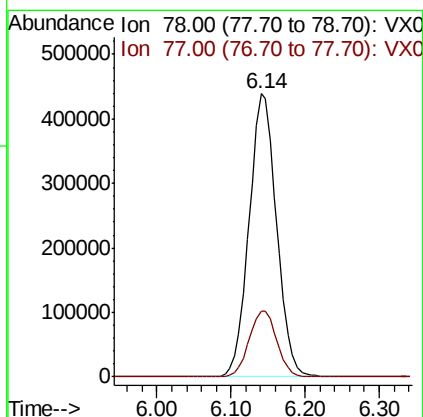
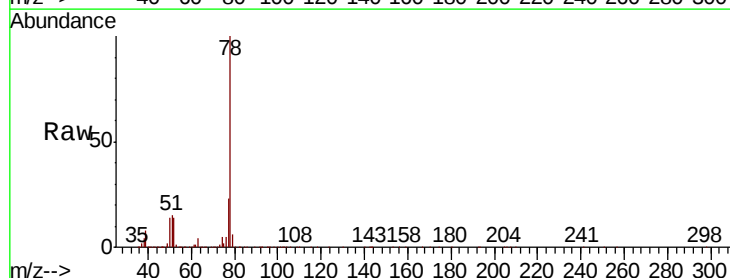
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

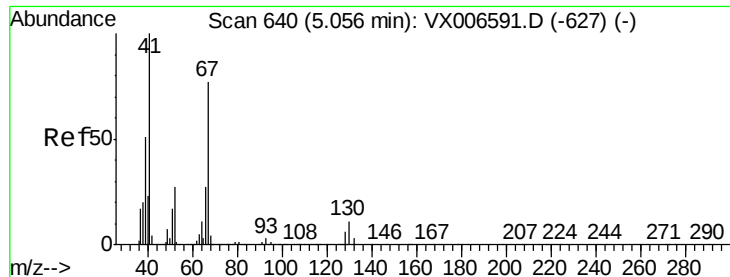
Tot Ion: 83 Resp: 460665
Ion Ratio Lower Upper
83 100
55 71.1 54.9 82.3
98 49.3 37.9 56.9



#40
Benzene
Concen: 49.494 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

Tgt Ion: 78 Resp: 1138142
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8





#41

Methacrylonitrile

Concen: 51.898 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 216957

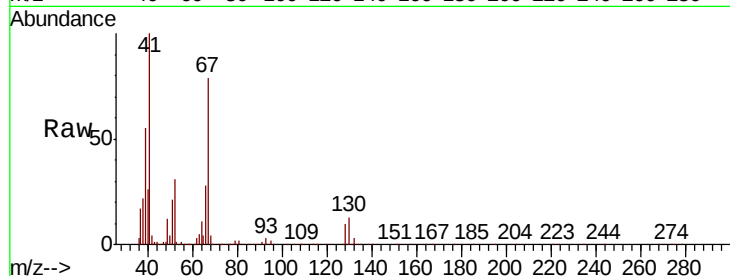
Ion Ratio Lower Upper

41 100

39 55.7 42.8 64.2

67 78.4 62.1 93.1

52 30.5 23.4 35.0

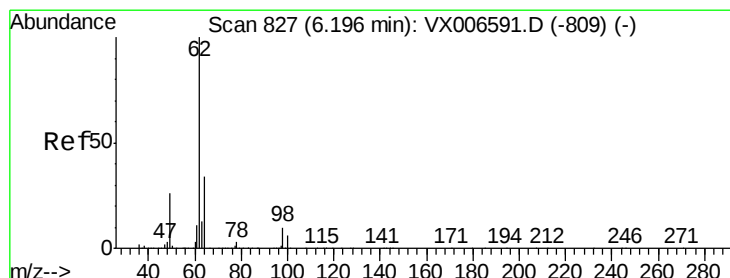
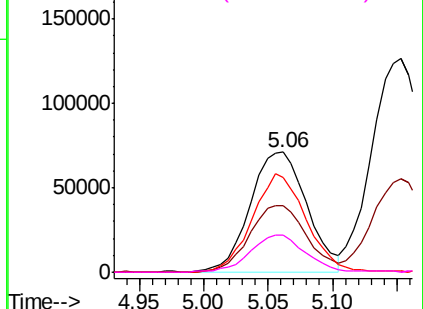
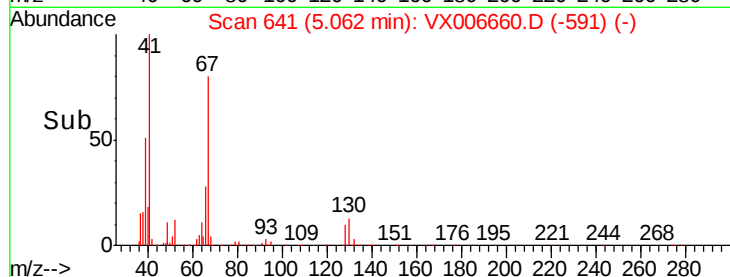


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.317 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006660.D

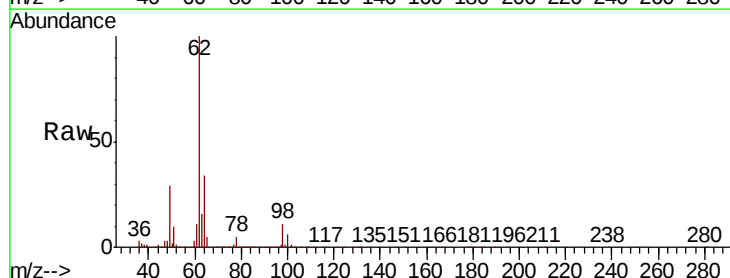
Acq: 20 Dec 2018 01:37

Tgt Ion: 62 Resp: 378606

Ion Ratio Lower Upper

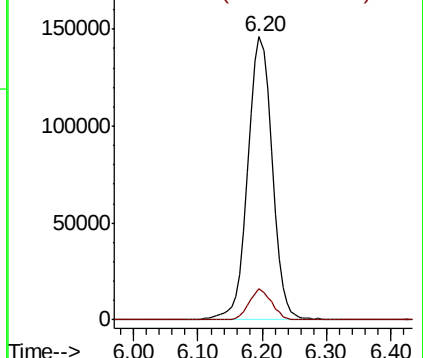
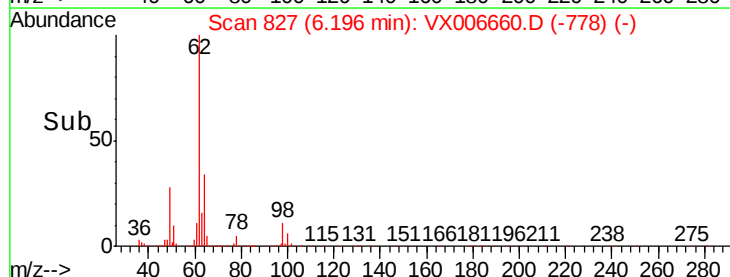
62 100

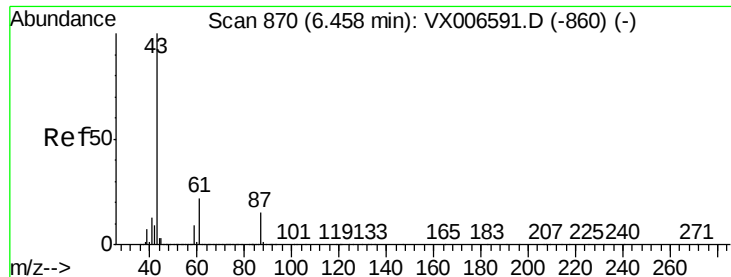
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



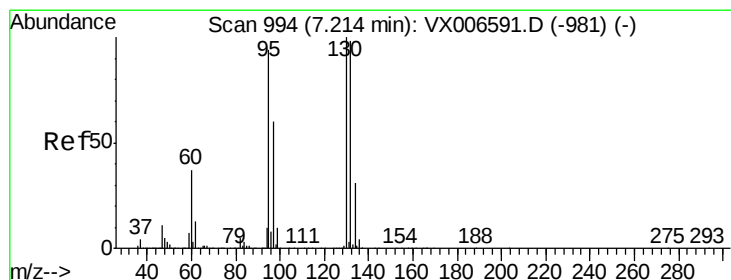
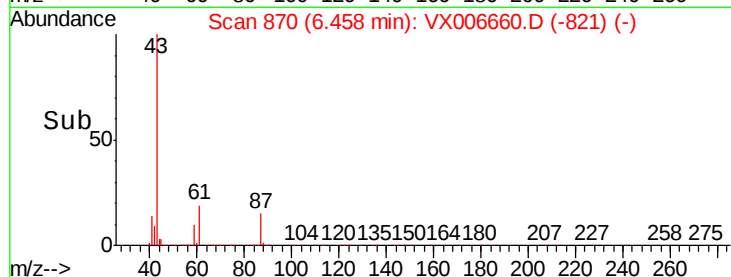
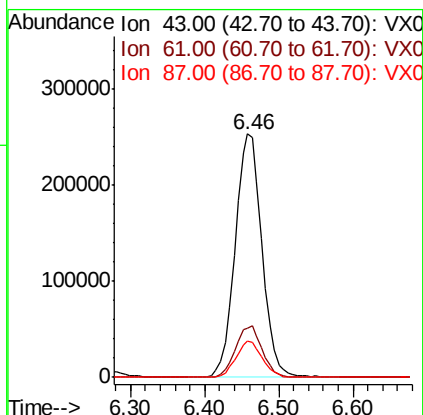
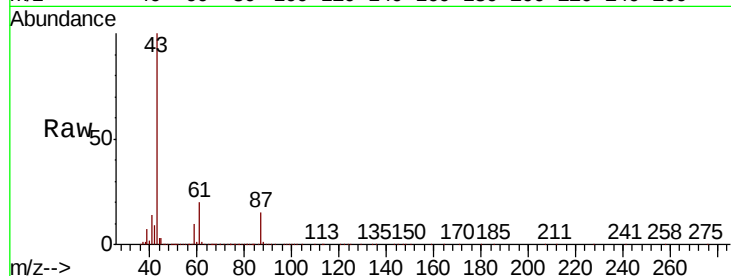


#43

Isopropyl Acetate
 Concen: 53.001 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006660.D
 Acq: 20 Dec 2018 01:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

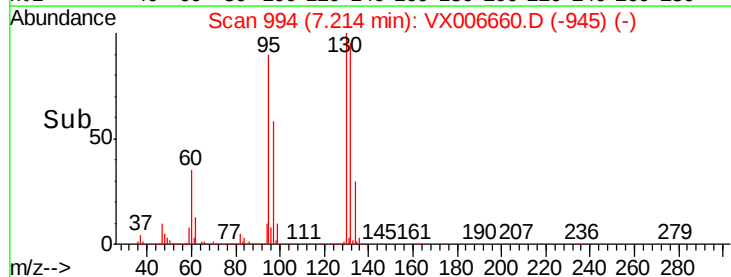
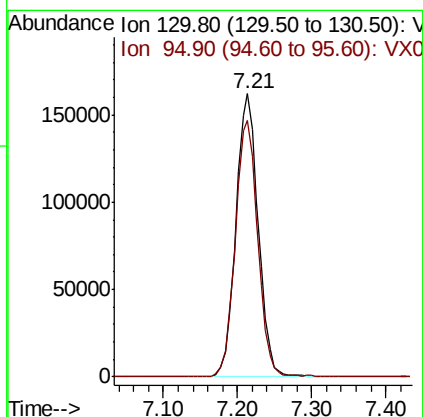
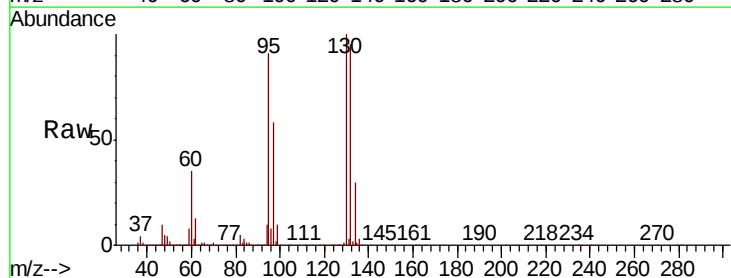
Tot Ion	43	Resp	634976
Ion Ratio	Lower	Upper	
43	100		
61	20.9	16.8	25.2
87	14.7	12.4	18.6



#44

Trichloroethene
 Concen: 48.845 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006660.D
 Acq: 20 Dec 2018 01:37

Tgt Ion	130	Resp	339959
Ion Ratio	Lower	Upper	
130	100		
95	90.6	0.0	187.0





#45

1,2-Dichloropropane

Concen: 50.449 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

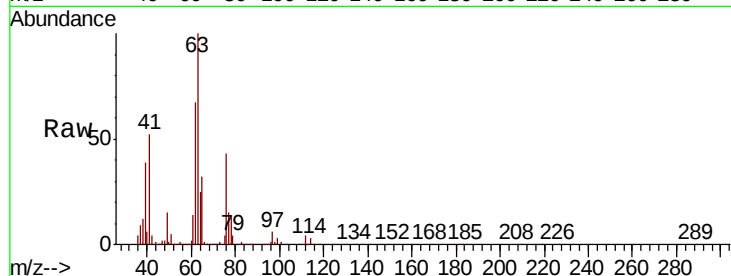
VSTDCCC050EC

Tot Ion: 63 Resp: 282308

Ion Ratio Lower Upper

63 100

65 31.7 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

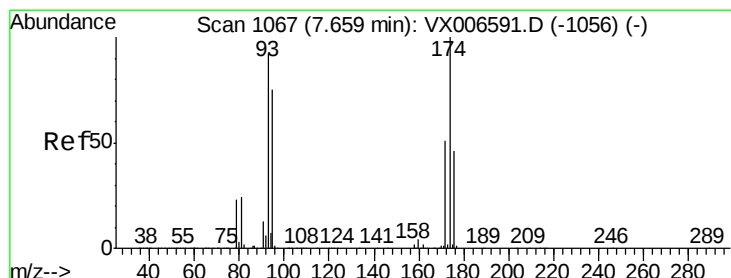
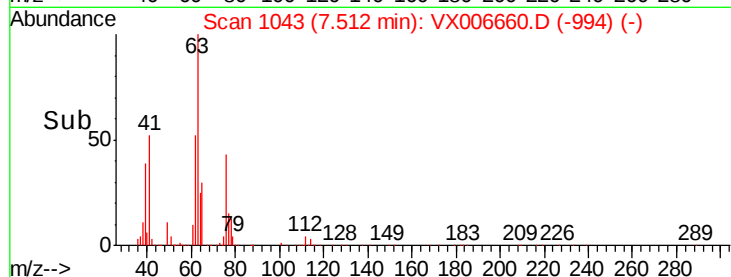
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 49.241 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

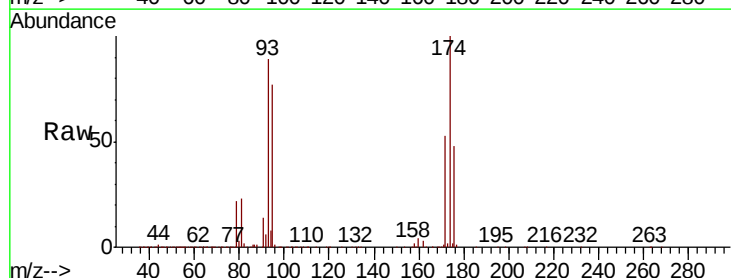
Tgt Ion: 93 Resp: 202681

Ion Ratio Lower Upper

93 100

95 84.8 66.2 99.4

174 116.4 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

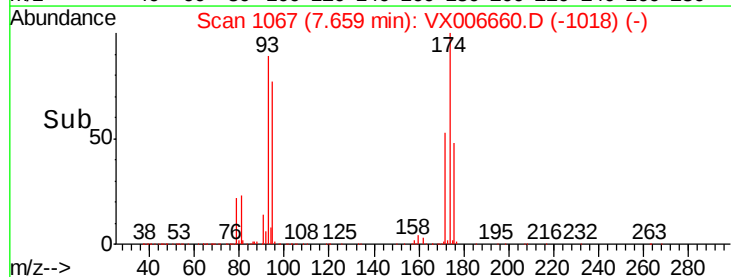
150000

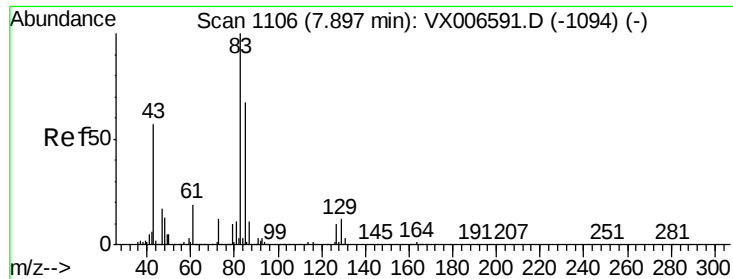
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 50.993 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

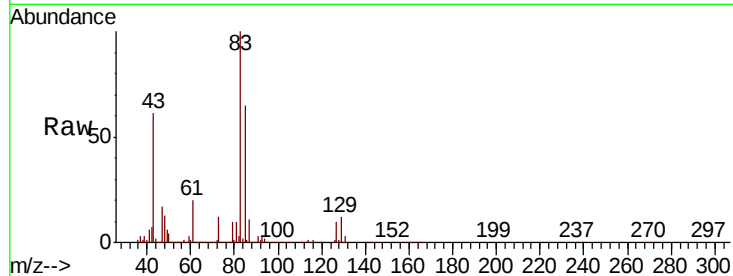
Tot Ion: 83 Resp: 348469

Ion Ratio Lower Upper

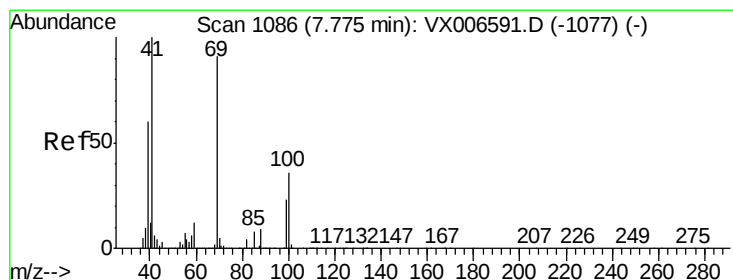
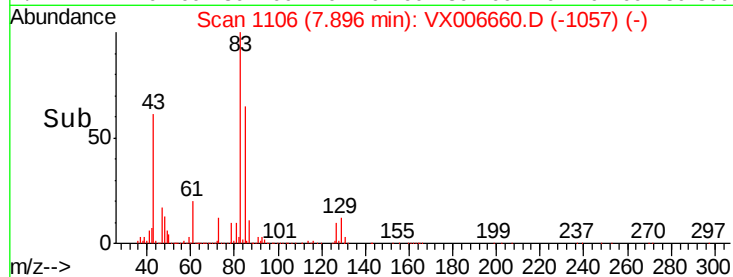
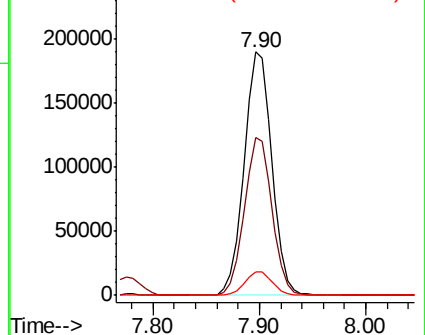
83 100

85 64.7 53.2 79.8

127 9.6 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.973 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

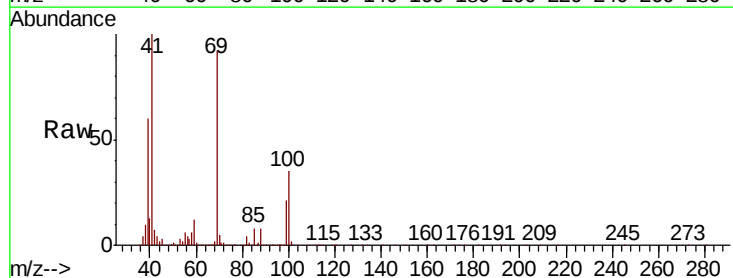
Tgt Ion: 41 Resp: 328830

Ion Ratio Lower Upper

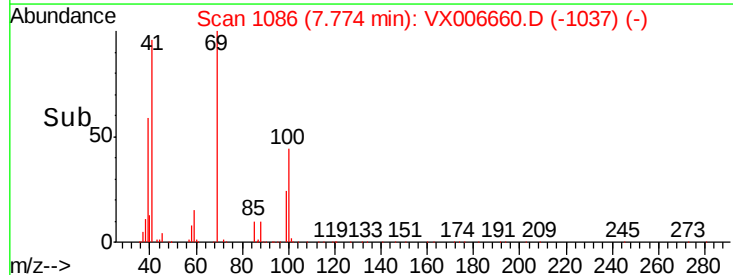
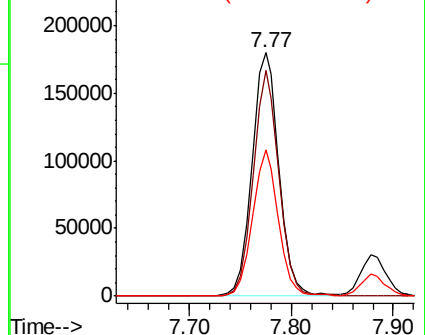
41 100

69 89.6 72.4 108.6

39 57.7 45.8 68.8



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





#49

1,4-Dioxane

Concen: 1043.449 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

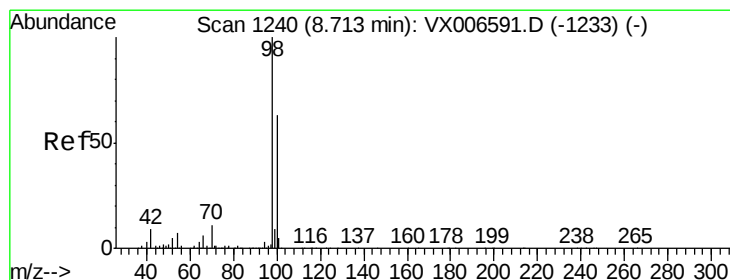
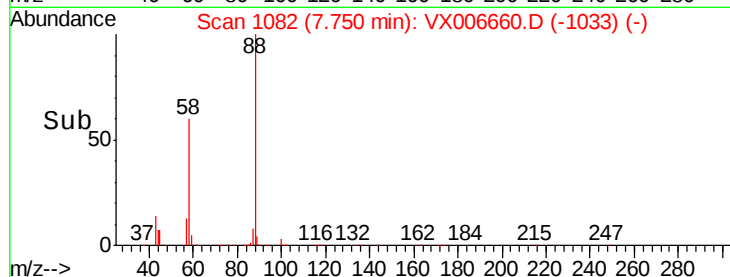
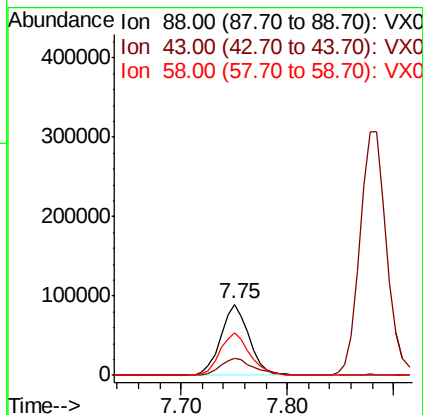
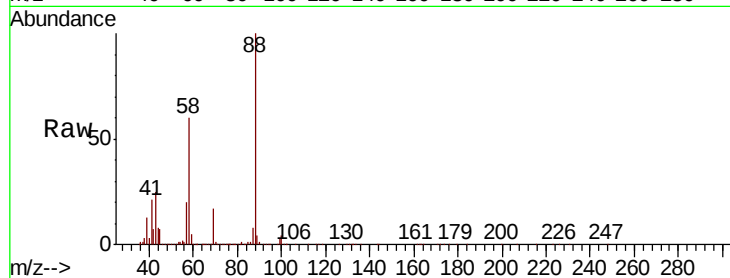
Tot Ion: 88 Resp: 166194

Ion Ratio Lower Upper

88 100

43 28.4 22.2 33.4

58 62.8 51.0 76.4



#50

Toluene-d8

Concen: 47.127 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006660.D

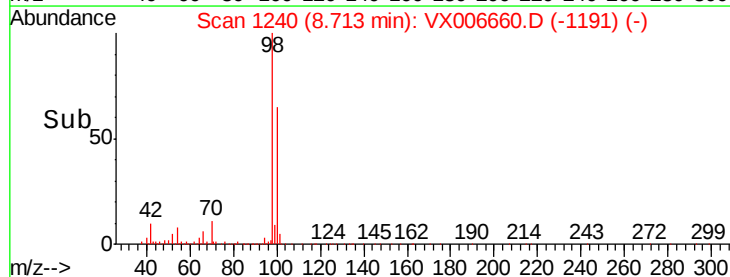
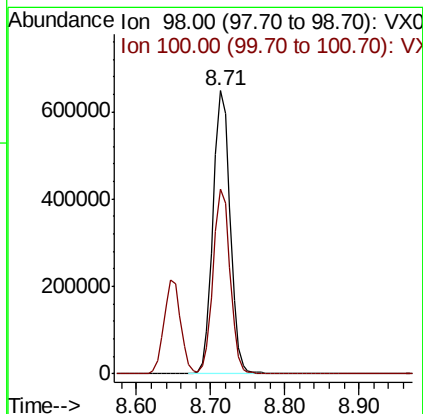
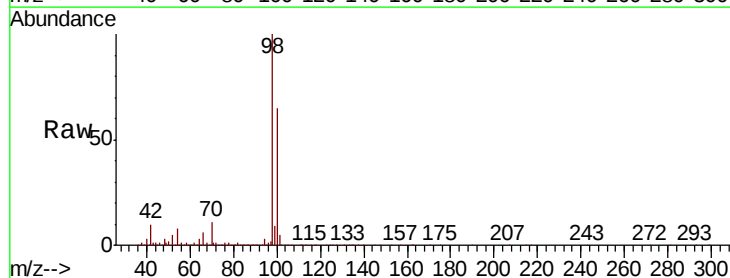
Acq: 20 Dec 2018 01:37

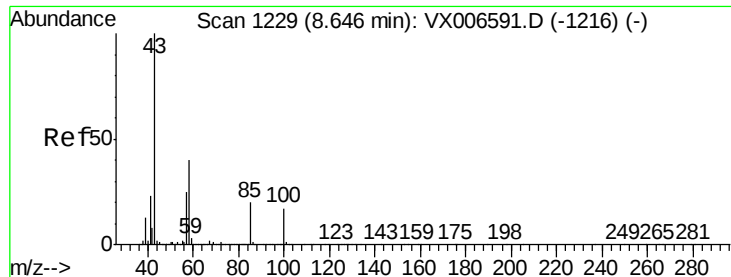
Tgt Ion: 98 Resp: 1026254

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 267.790 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

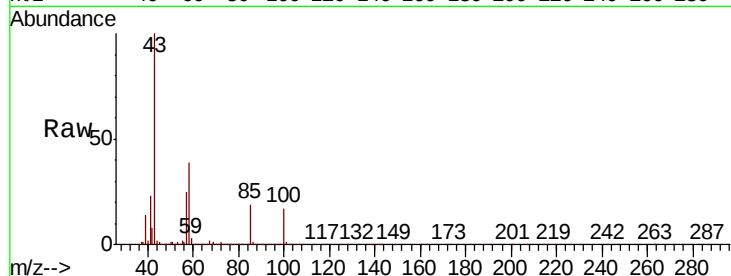
VSTDCCC050EC

Tot Ion: 43 Resp: 2041325

Ion Ratio Lower Upper

43 100

58 38.8 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

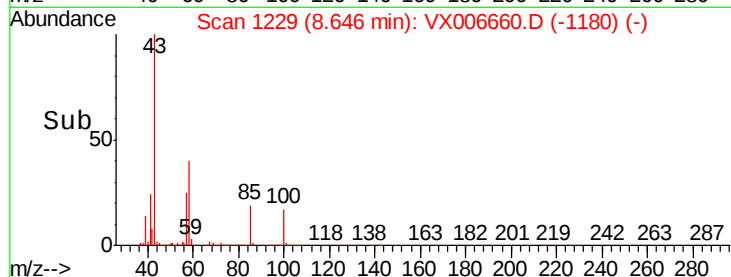
1500000

1000000

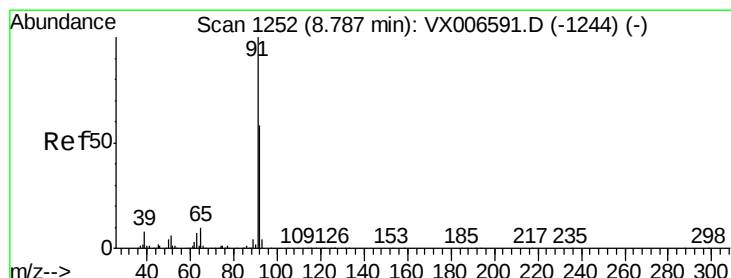
500000

0

8.50 8.60 8.70 8.80



Time-->



#52

Toluene

Concen: 50.737 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006660.D

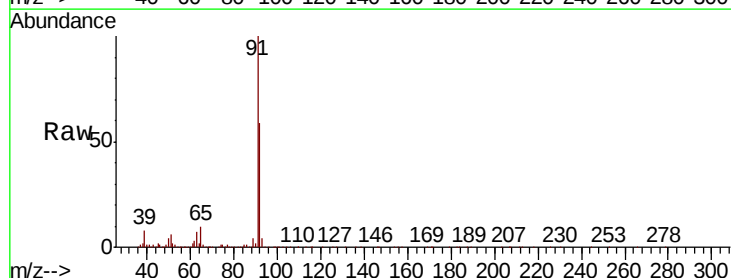
Acq: 20 Dec 2018 01:37

Tgt Ion: 92 Resp: 753759

Ion Ratio Lower Upper

92 100

91 172.9 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

800000

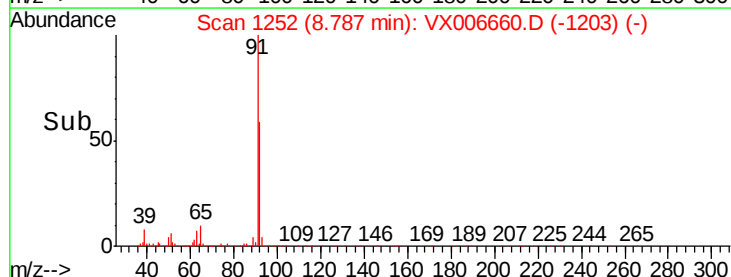
600000

400000

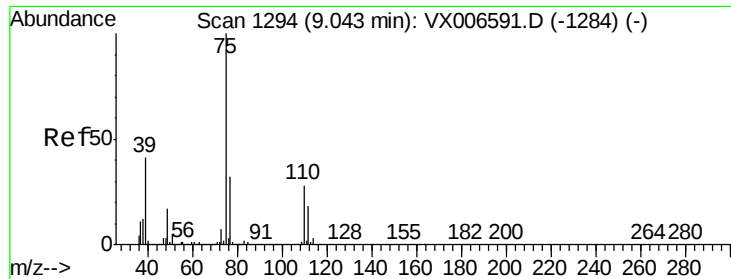
200000

0

8.70 8.80 8.90



Time-->



#53

t-1,3-Dichloropropene

Concen: 51.273 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

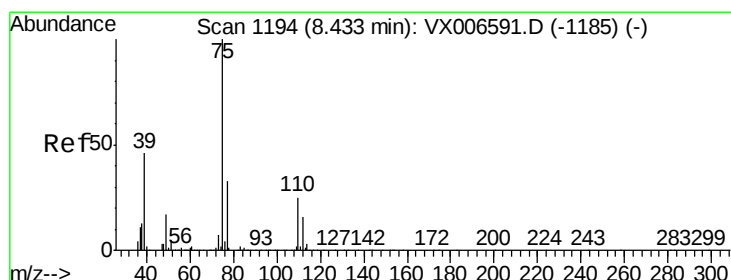
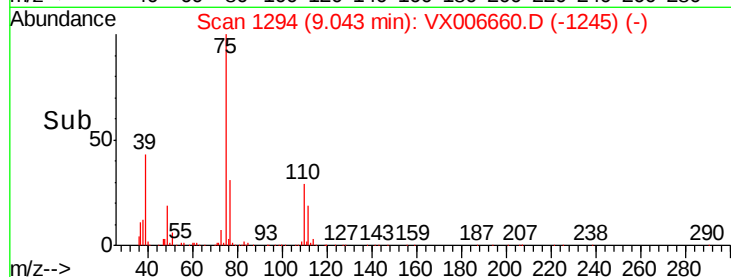
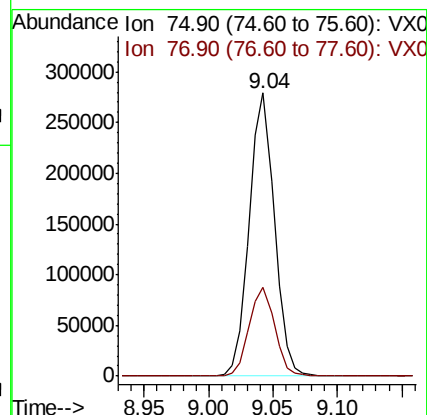
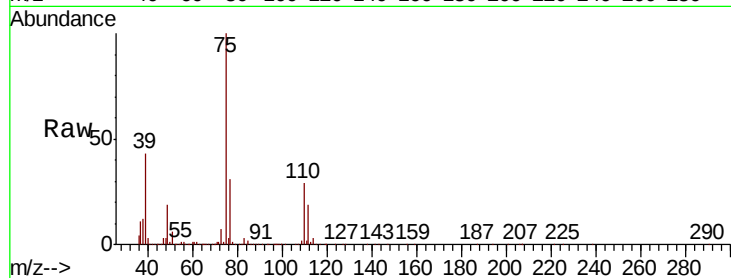
VSTDCCC050EC

Tot Ion: 75 Resp: 375781

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.590 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

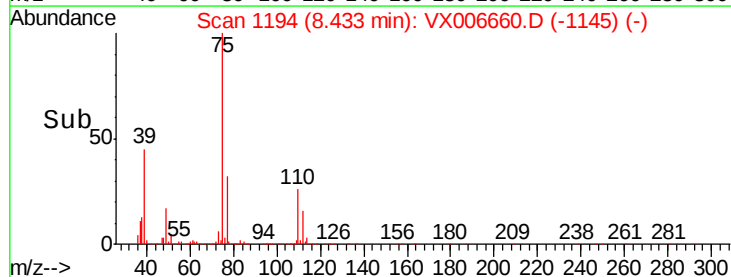
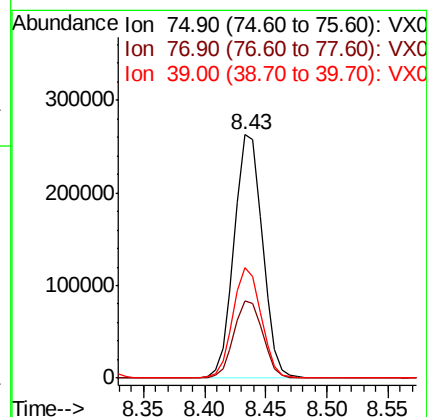
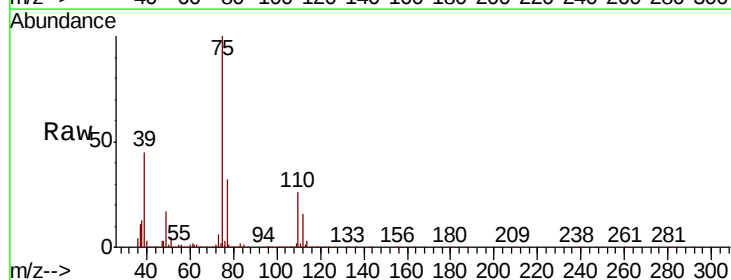
Tgt Ion: 75 Resp: 422921

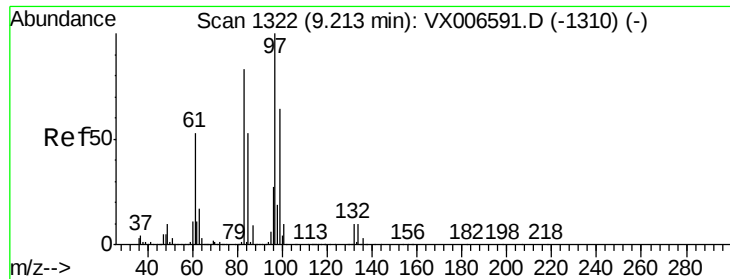
Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

39 45.0 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 50.687 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 308222

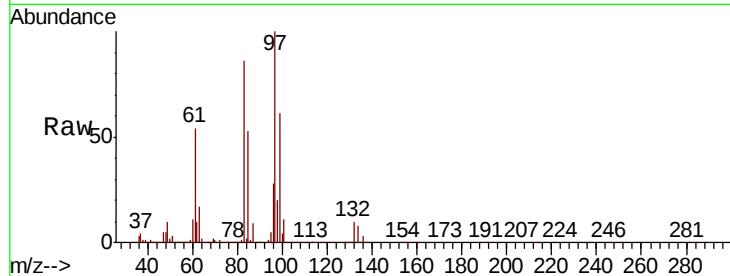
Ion Ratio Lower Upper

97 100

83 86.4 66.6 99.8

85 53.4 42.7 64.1

99 60.8 50.8 76.2

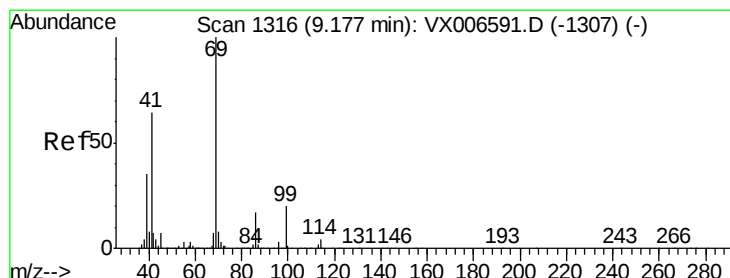
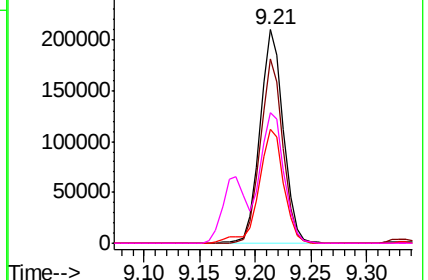
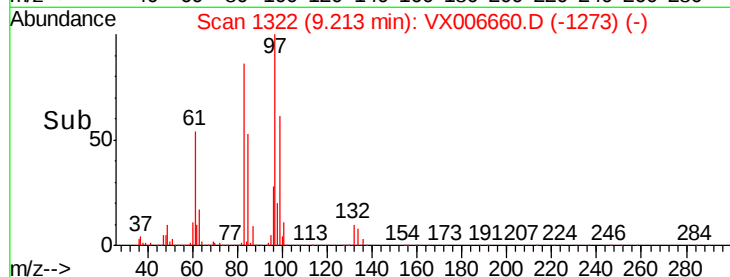


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.444 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

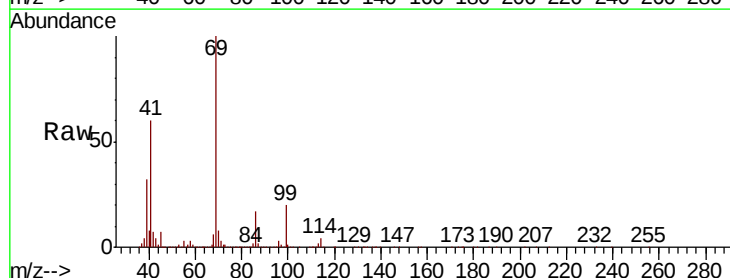
Tgt Ion: 69 Resp: 459325

Ion Ratio Lower Upper

69 100

41 61.7 48.7 73.1

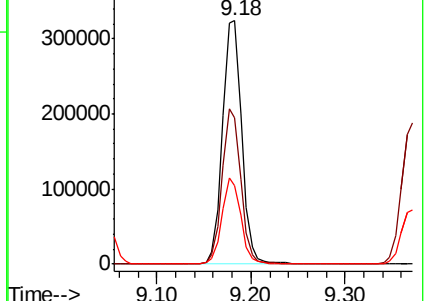
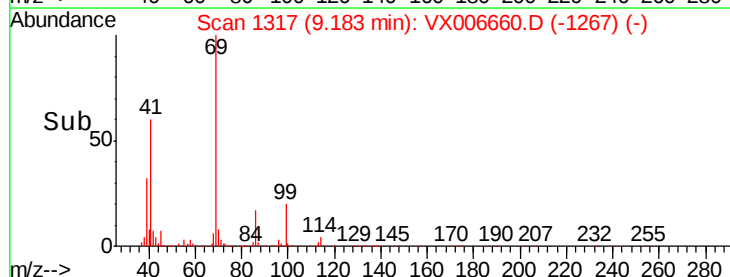
39 34.6 27.0 40.6



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.082 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

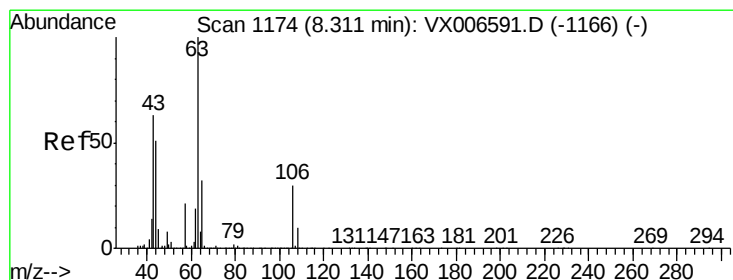
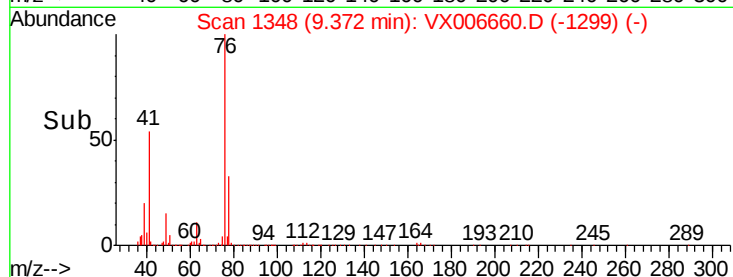
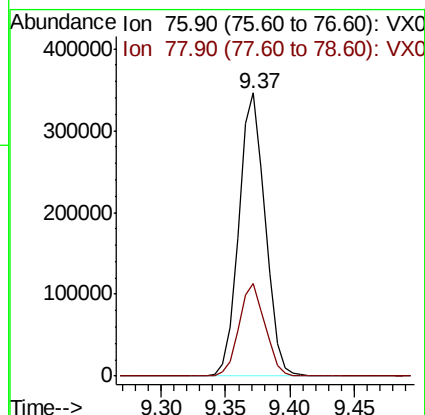
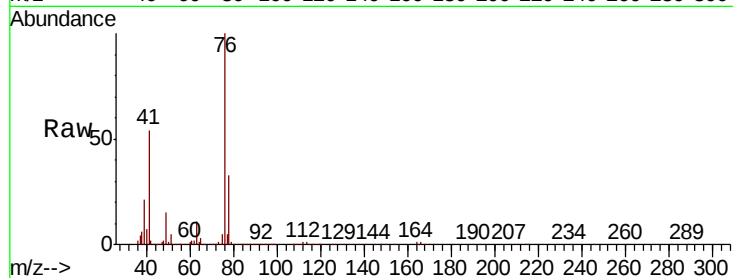
VSTDCCC050EC

Tot Ion: 76 Resp: 489976

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 259.436 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006660.D

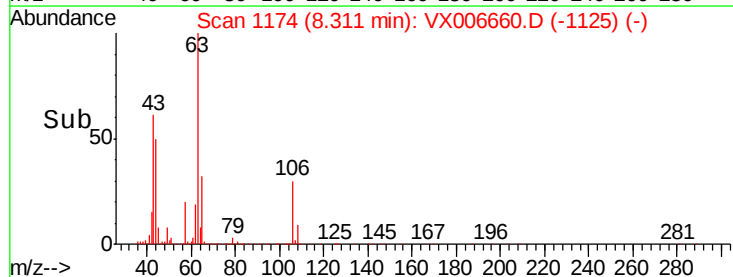
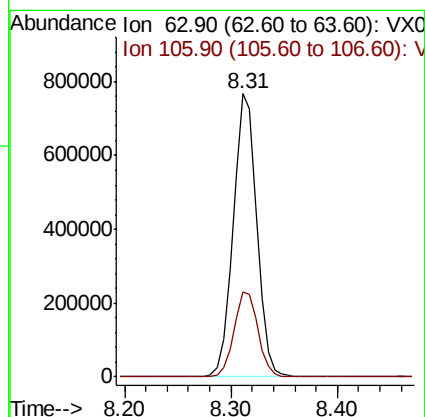
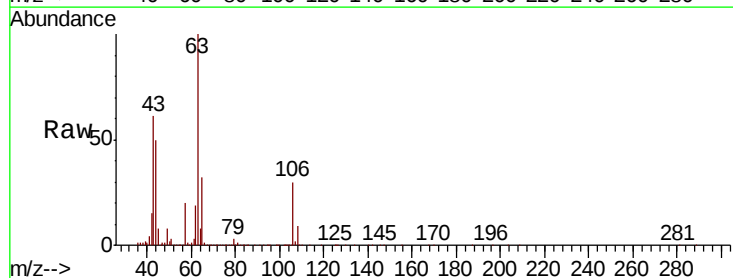
Acq: 20 Dec 2018 01:37

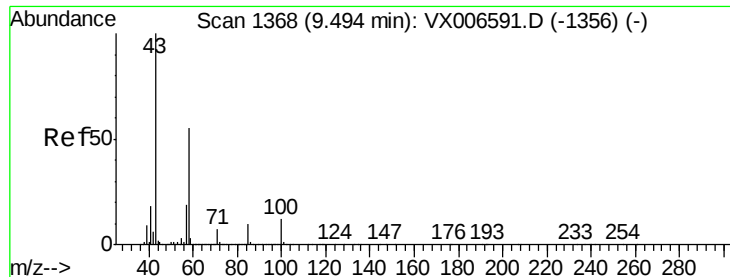
Tgt Ion: 63 Resp: 1185245

Ion Ratio Lower Upper

63 100

106 30.7 24.6 36.8

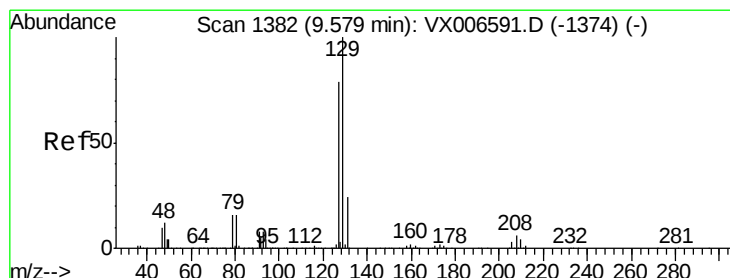
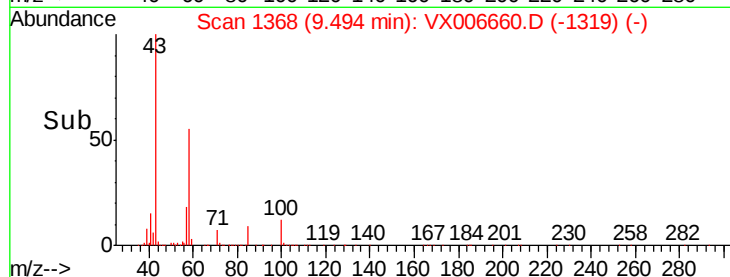
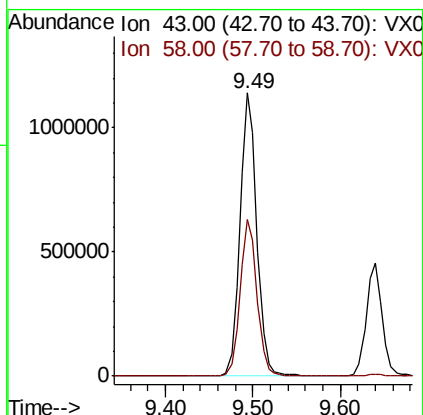
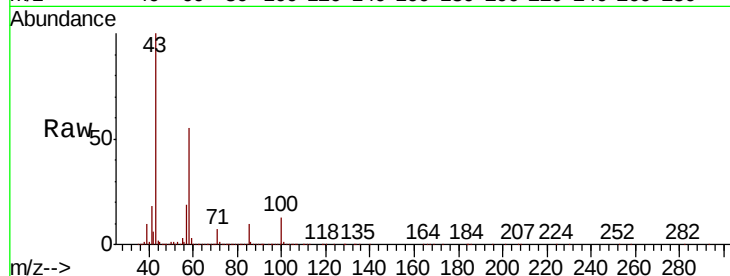




#59
2-Hexanone
Concen: 262.111 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

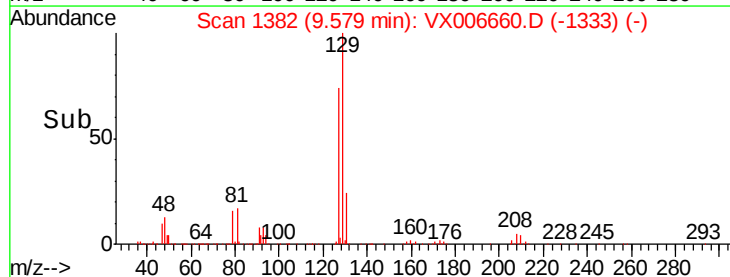
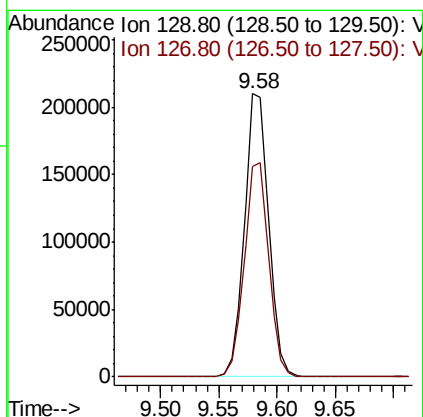
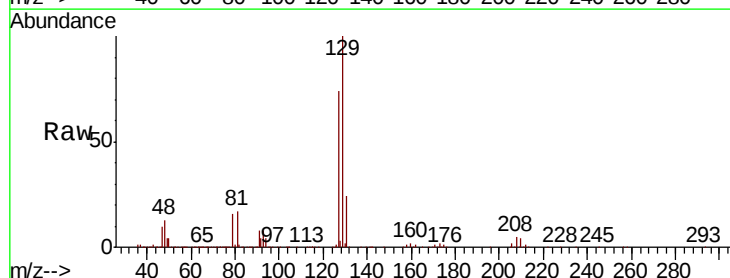
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

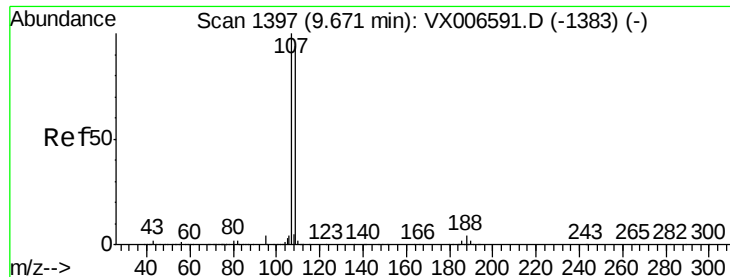
Tot Ion: 43 Resp: 1528732
Ion Ratio Lower Upper
43 100
58 55.7 27.7 83.1



#60
Dibromochloromethane
Concen: 48.152 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

Tgt Ion: 129 Resp: 305669
Ion Ratio Lower Upper
129 100
127 76.4 39.3 117.8





#61

1,2-Dibromoethane

Concen: 51.614 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

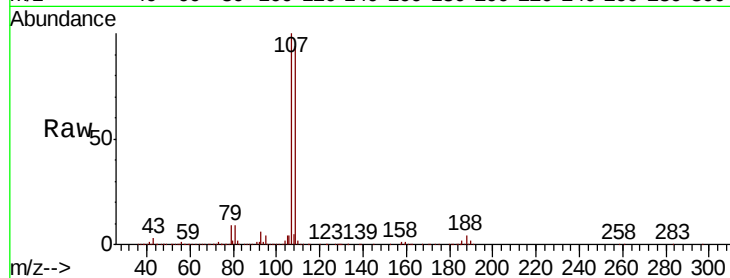
VSTDCCC050EC

Tot Ion: 107 Resp: 333642

Ion Ratio Lower Upper

107 100

109 94.5 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

150000

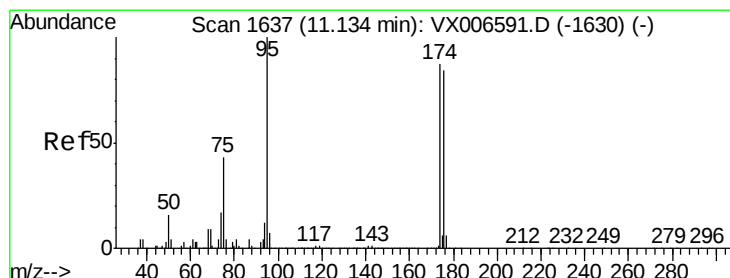
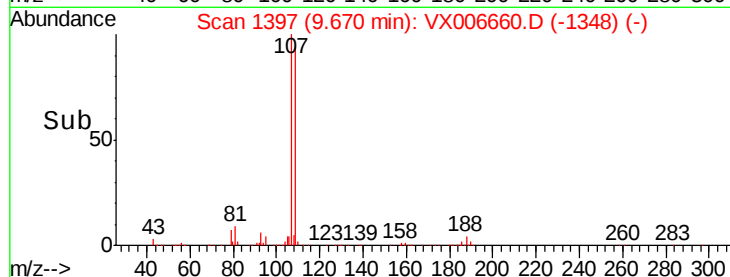
100000

50000

0

9.60 9.65 9.70 9.75 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 47.927 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

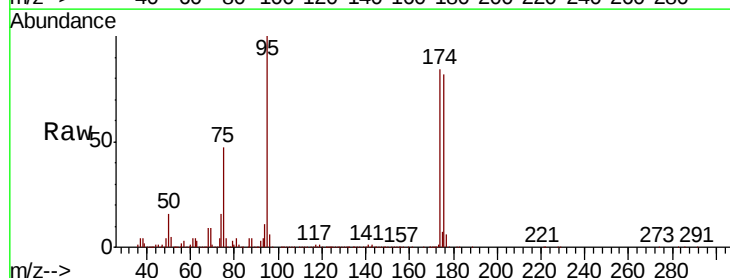
Tgt Ion: 95 Resp: 382243

Ion Ratio Lower Upper

95 100

174 91.8 0.0 182.2

176 89.9 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

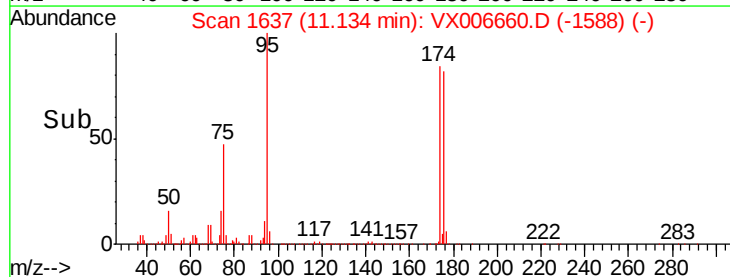
200000

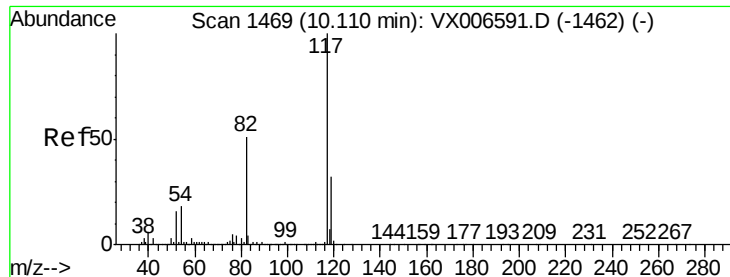
100000

0

11.10 11.13 11.16 11.19 11.22

Time-->

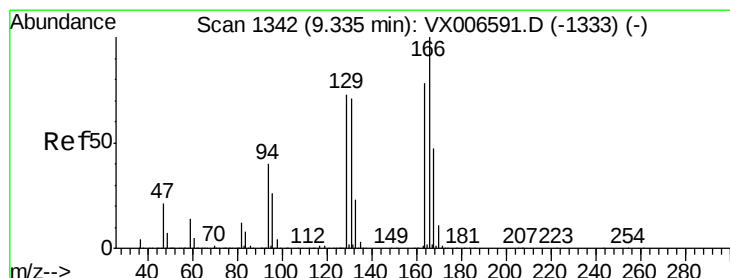
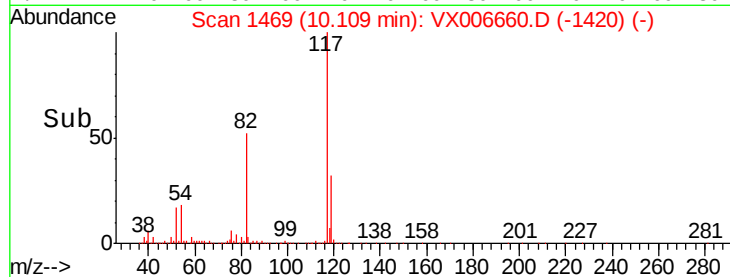
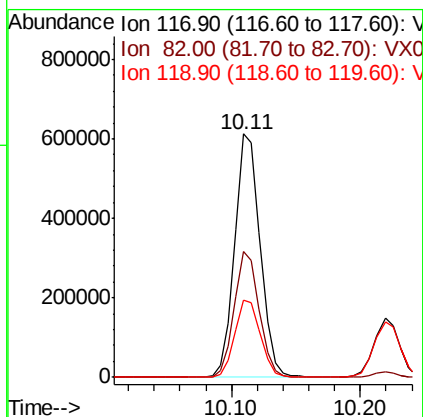
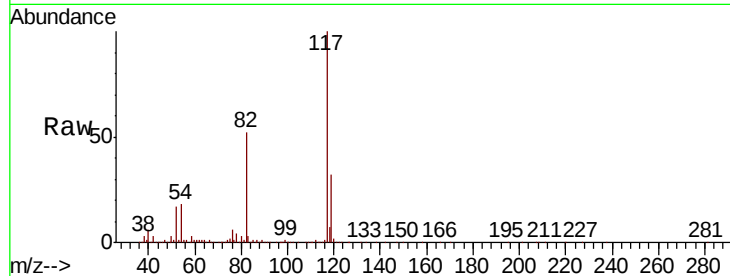




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

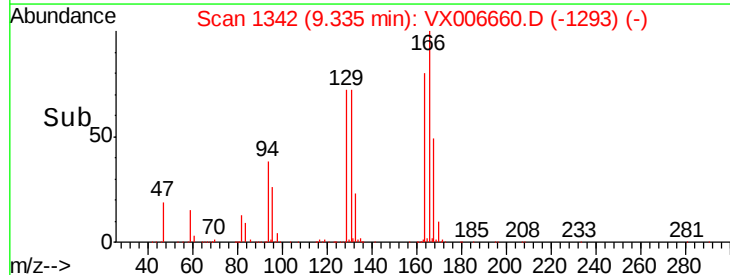
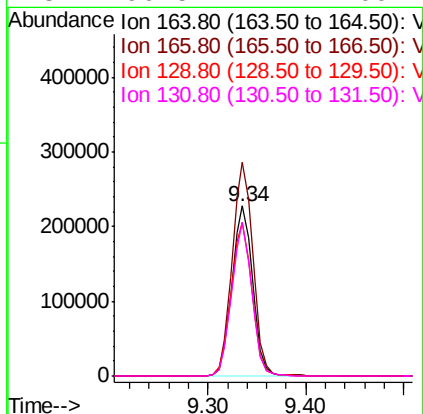
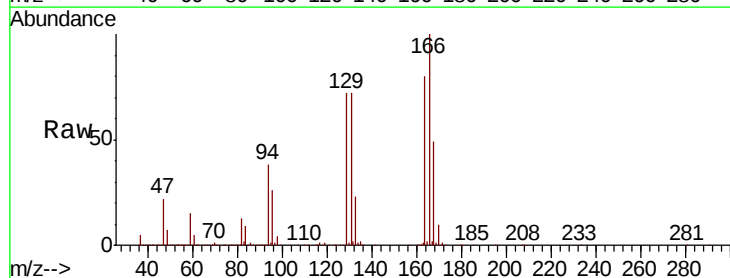
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

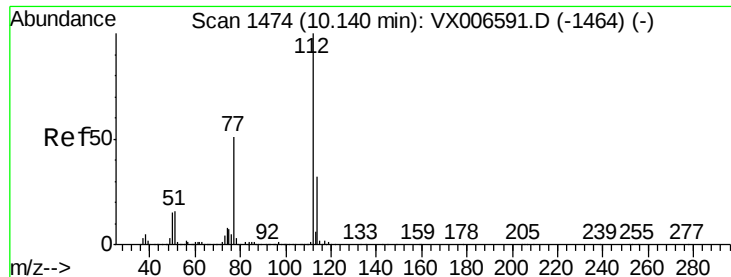
Tot Ion:117 Resp: 845673
Ion Ratio Lower Upper
117 100
82 51.6 41.0 61.6
119 31.5 25.4 38.0



#64
Tetrachloroethene
Concen: 49.807 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

Tgt Ion:164 Resp: 333529
Ion Ratio Lower Upper
164 100
166 125.7 102.5 153.7
129 90.4 75.1 112.7
131 90.5 72.7 109.1

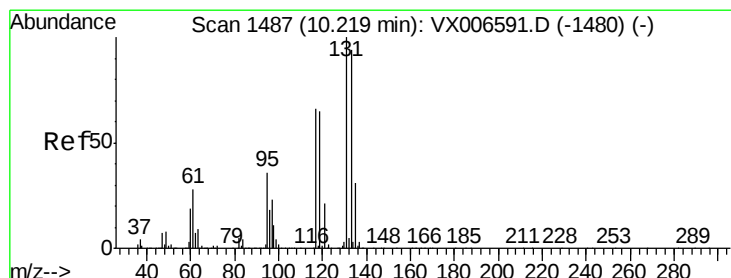
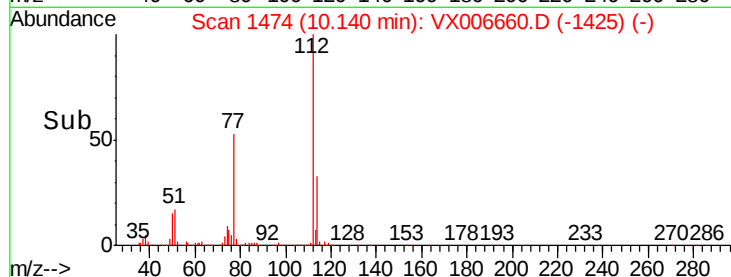
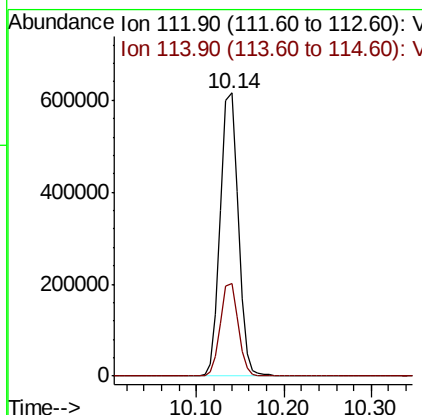




#65
Chlorobenzene
Concen: 48.966 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

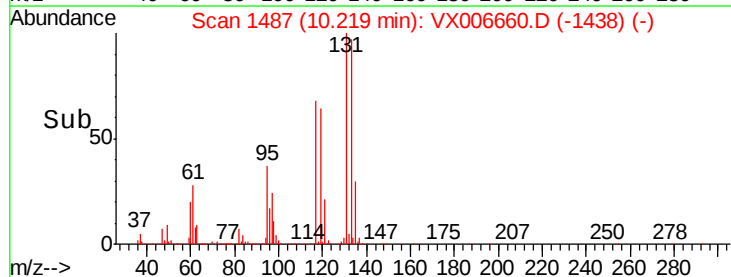
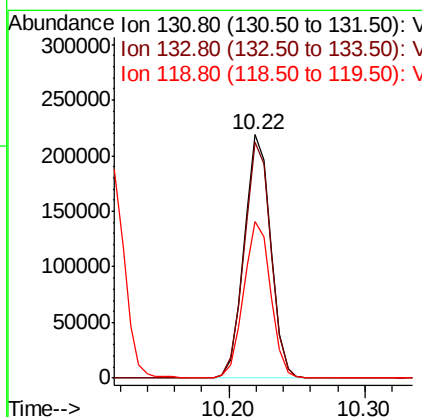
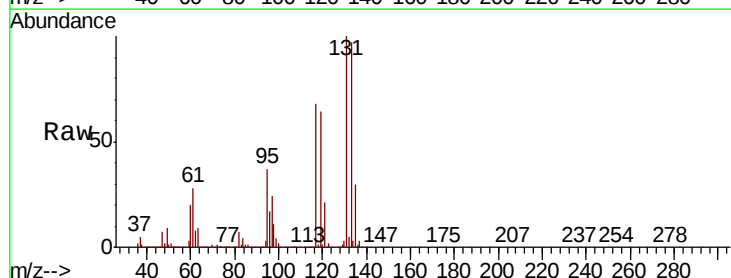
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

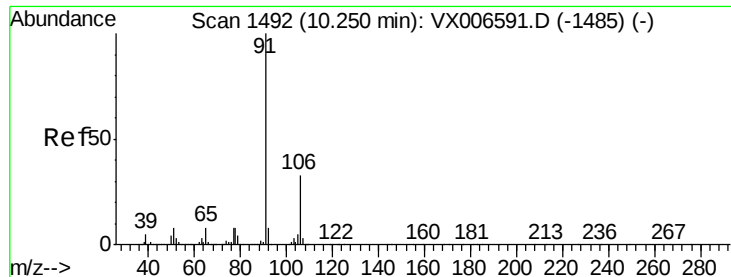
Tot Ion:112 Resp: 876043
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.555 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

Tgt Ion:131 Resp: 298938
Ion Ratio Lower Upper
131 100
133 97.4 48.0 144.2
119 65.5 32.6 97.8





#67

Ethyl Benzene

Concen: 49.811 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

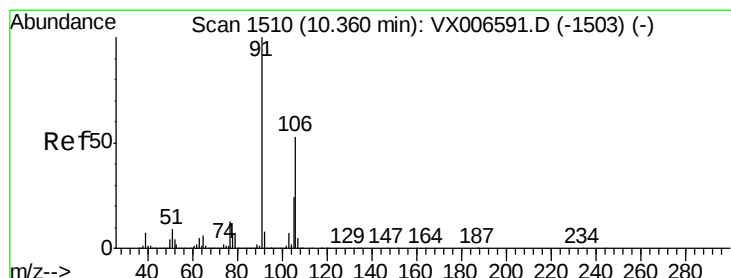
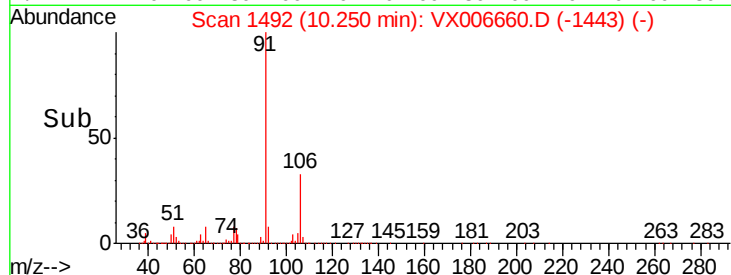
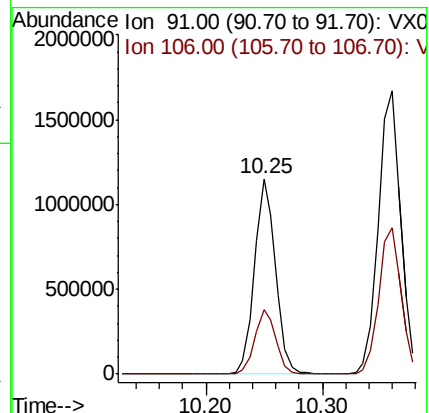
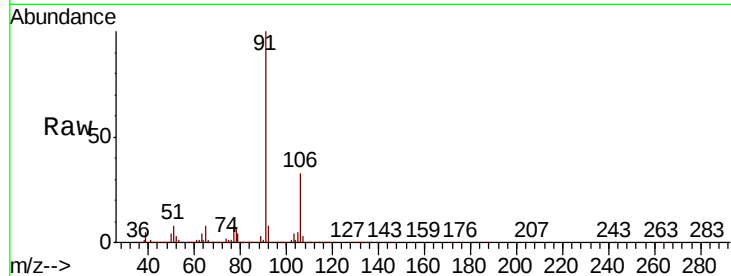
VSTDCCC050EC

Tot Ion: 91 Resp: 1456216

Ion Ratio Lower Upper

91 100

106 32.9 26.4 39.6



#68

m/p-Xylenes

Concen: 101.069 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006660.D

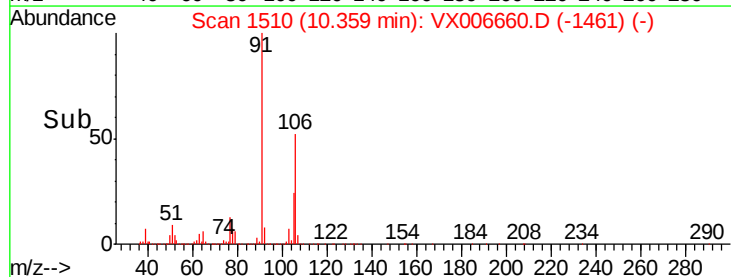
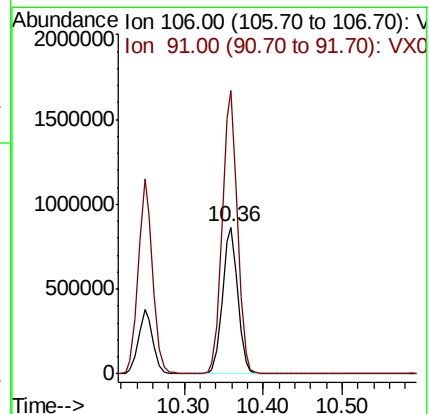
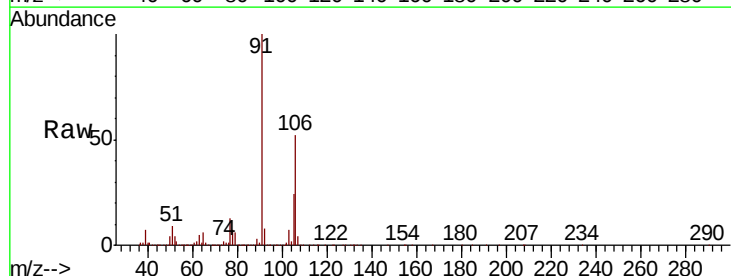
Acq: 20 Dec 2018 01:37

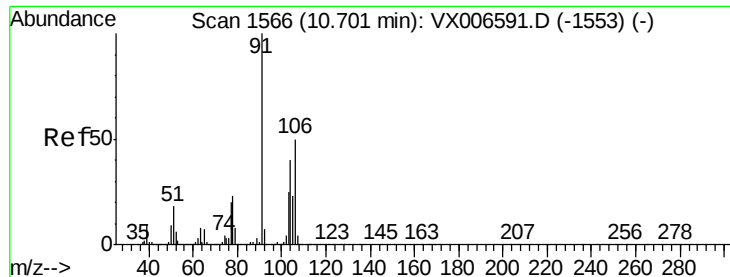
Tgt Ion: 106 Resp: 1165935

Ion Ratio Lower Upper

106 100

91 192.1 155.8 233.6

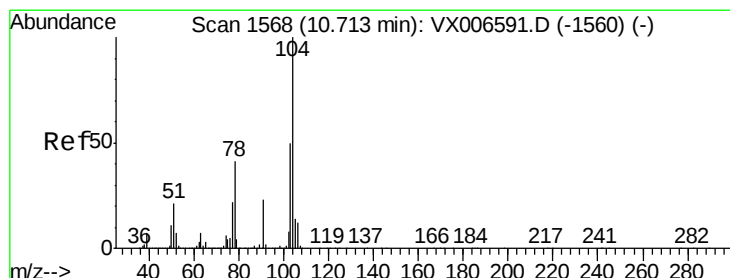
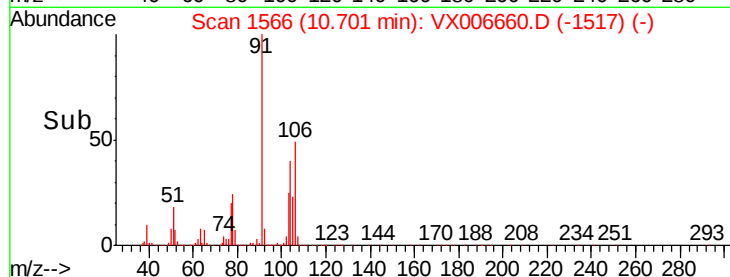
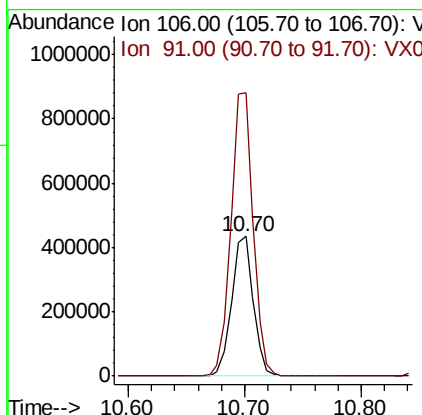
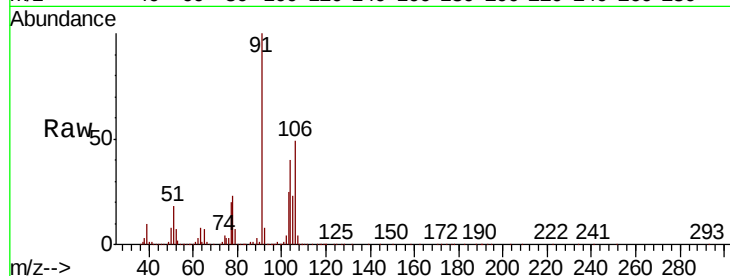




#69
o-Xylene
Concen: 49.722 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

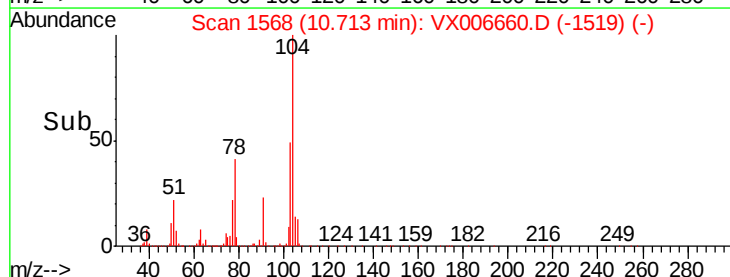
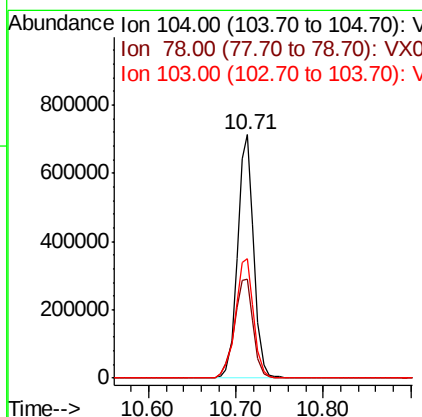
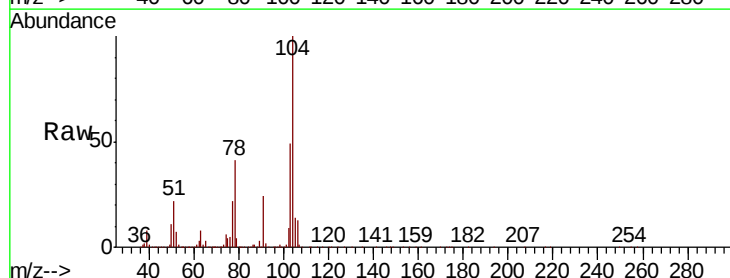
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

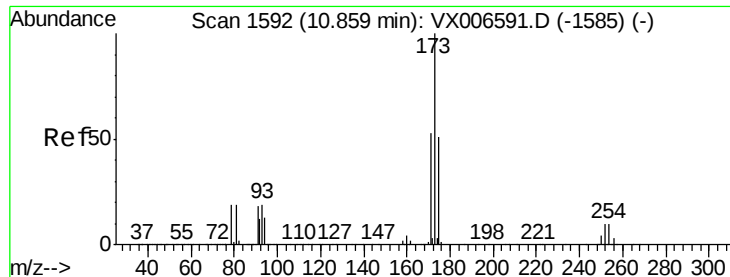
Tot Ion:106 Resp: 566414
Ion Ratio Lower Upper
106 100
91 206.6 101.3 303.7



#70
Styrene
Concen: 51.339 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

Tgt Ion:104 Resp: 925238
Ion Ratio Lower Upper
104 100
78 47.3 37.7 56.5
103 55.1 43.8 65.8





#71

Bromoform

Concen: 44.981 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

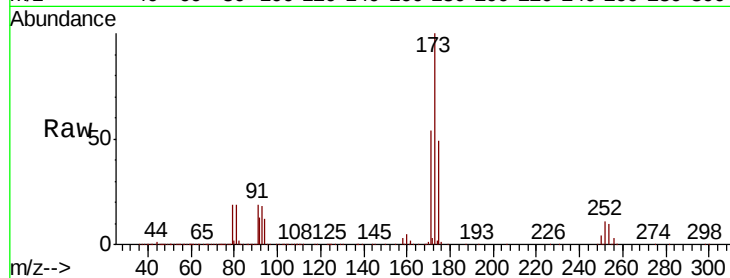
Tot Ion:173 Resp: 224003

Ion Ratio Lower Upper

173 100

175 48.8 24.7 74.1

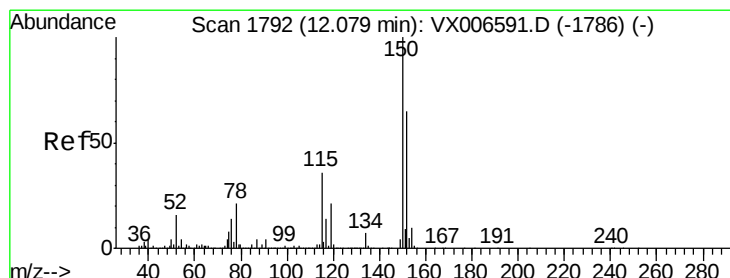
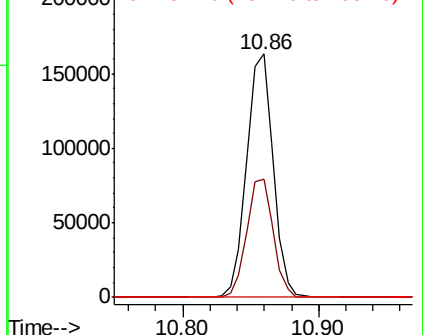
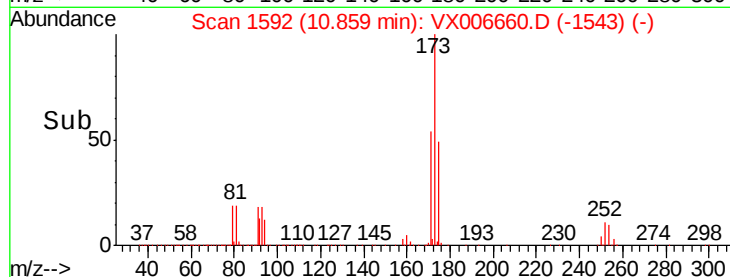
254 0.2 0.2 0.2



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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

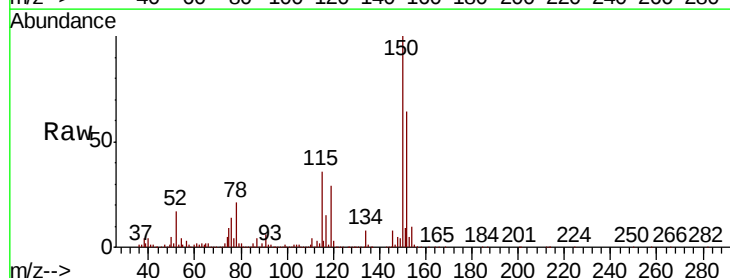
Tgt Ion:152 Resp: 437427

Ion Ratio Lower Upper

152 100

115 78.7 39.1 117.2

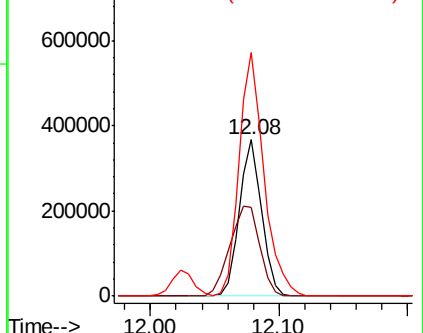
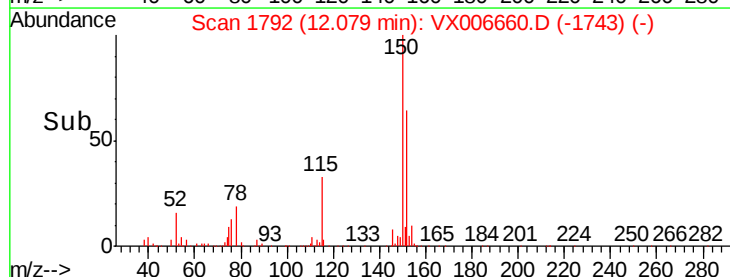
150 174.9 0.0 344.8

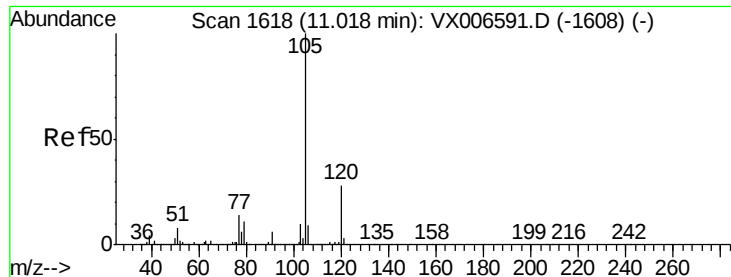


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.284 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

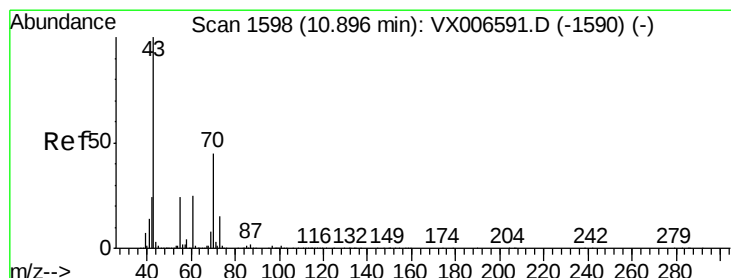
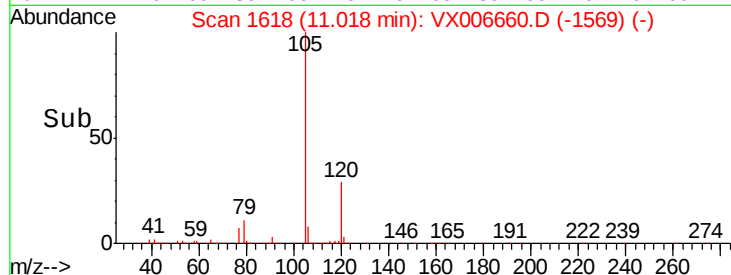
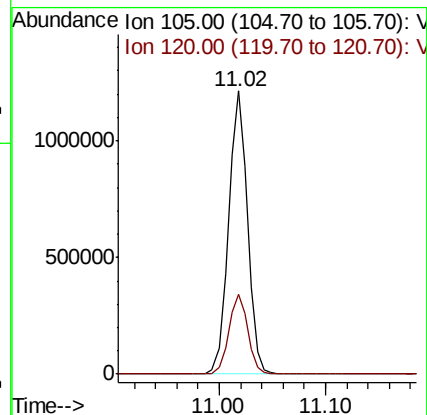
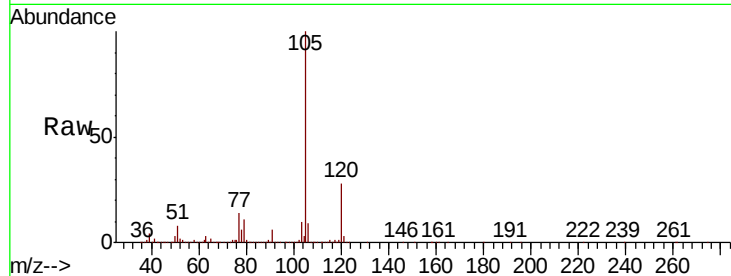
VSTDCCC050EC

Tot Ion:105 Resp: 1504757

Ion Ratio Lower Upper

105 100

120 28.2 14.1 42.4



#74

N-ethyl acetate

Concen: 54.180 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Tgt Ion: 43 Resp: 580346

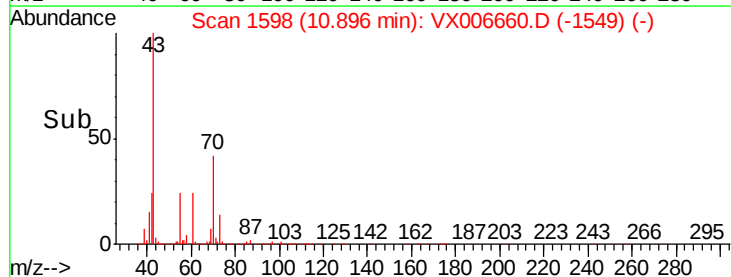
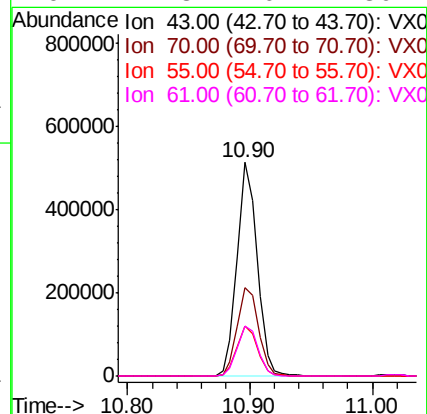
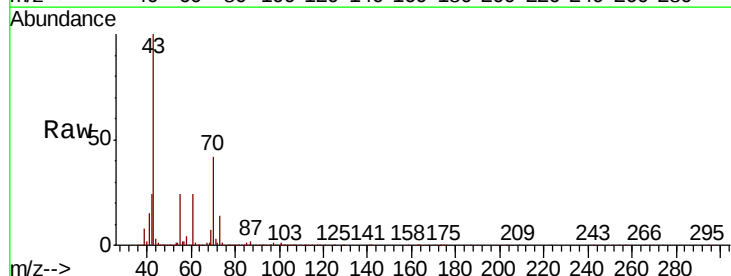
Ion Ratio Lower Upper

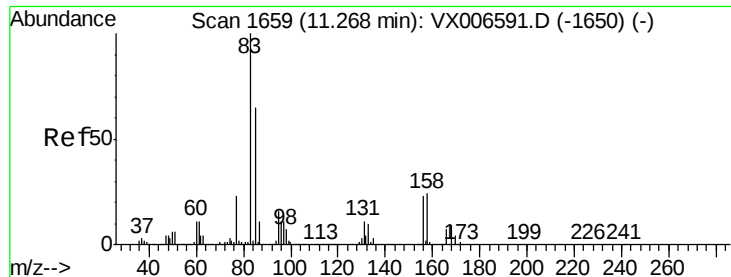
43 100

70 43.9 35.8 53.8

55 24.3 19.4 29.0

61 24.3 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.275 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

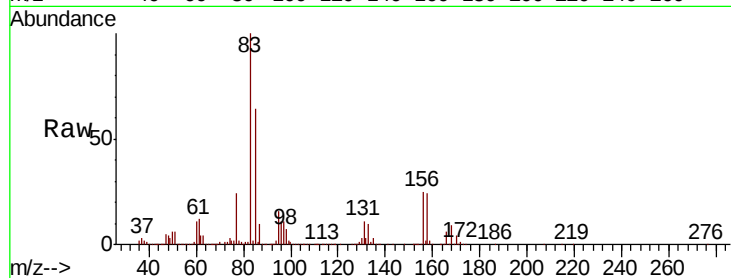
Tot Ion: 83 Resp: 456337

Ion Ratio Lower Upper

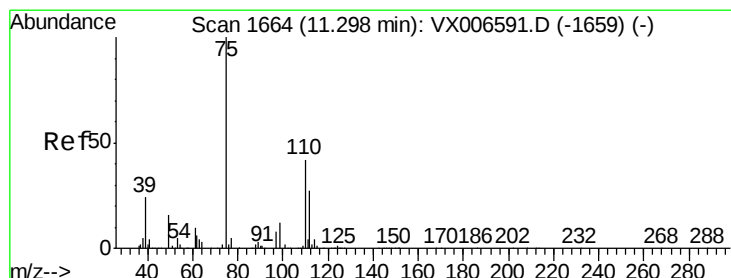
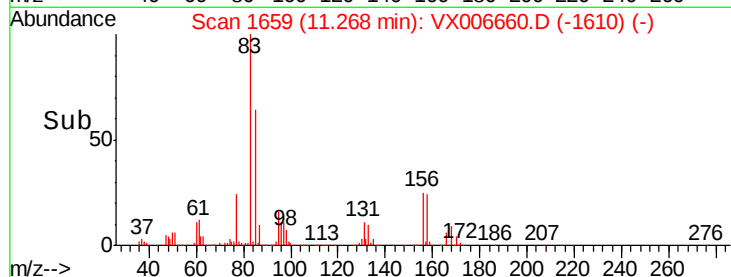
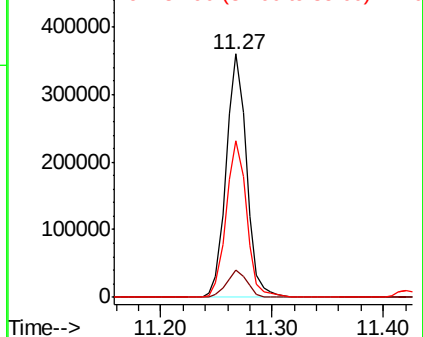
83 100

131 11.1 5.7 17.1

85 64.7 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.126 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006660.D

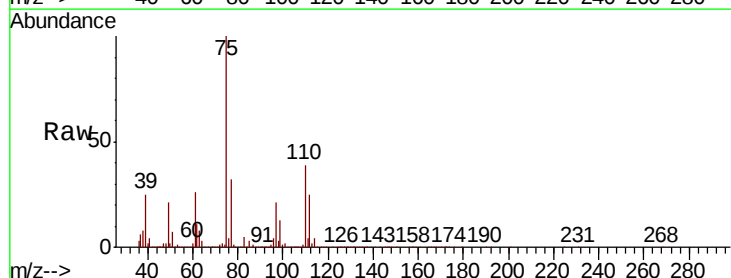
Acq: 20 Dec 2018 01:37

Tgt Ion: 75 Resp: 505033

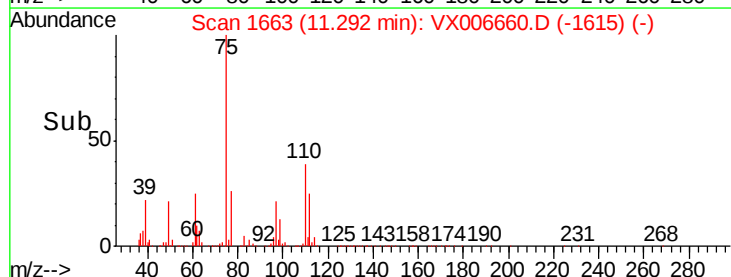
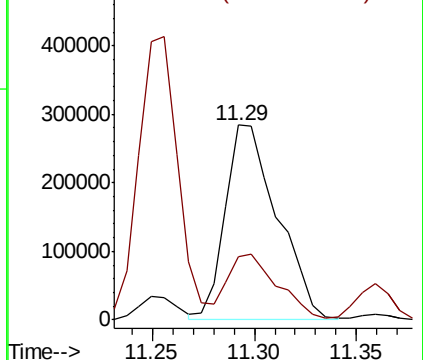
Ion Ratio Lower Upper

75 100

77 31.6 18.5 55.5



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





#77

Bromobenzene

Concen: 50.589 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

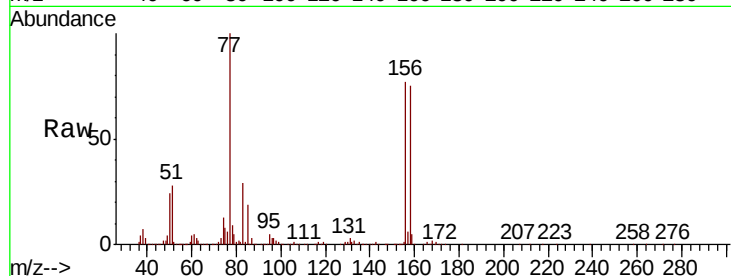
Tot Ion:156 Resp: 409288

Ion Ratio Lower Upper

156 100

77 136.0 68.0 204.0

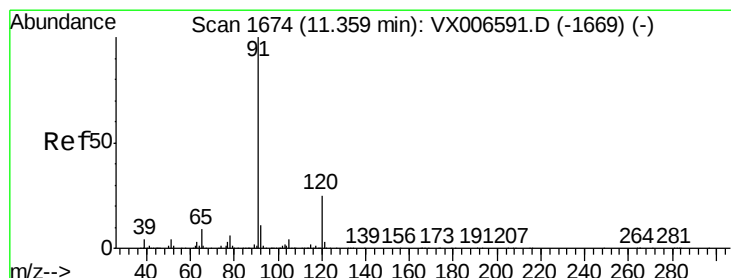
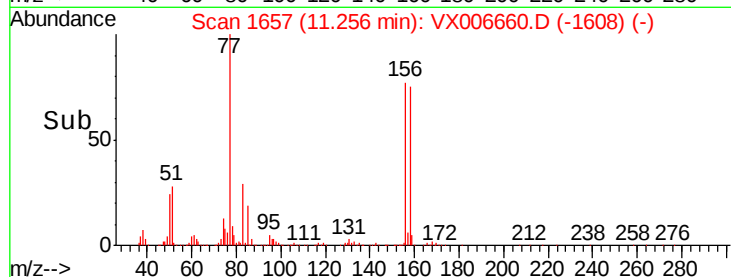
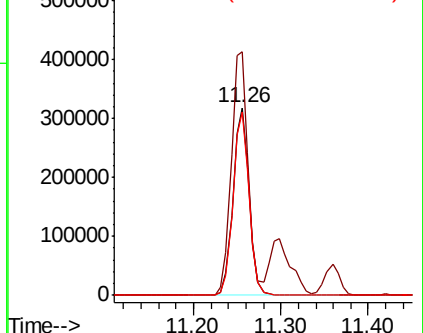
158 98.0 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.704 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006660.D

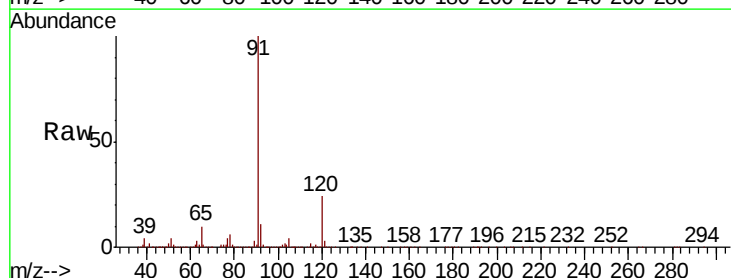
Acq: 20 Dec 2018 01:37

Tgt Ion: 91 Resp: 1670871

Ion Ratio Lower Upper

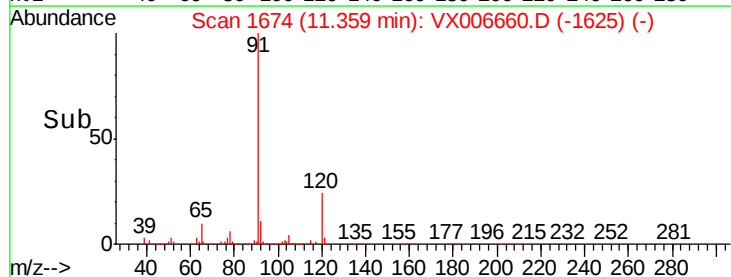
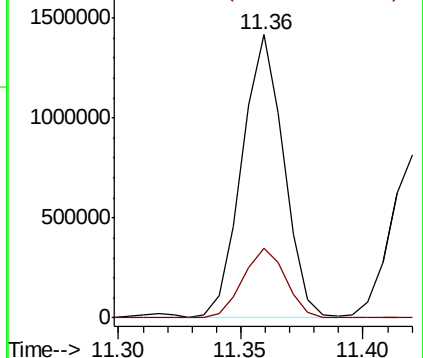
91 100

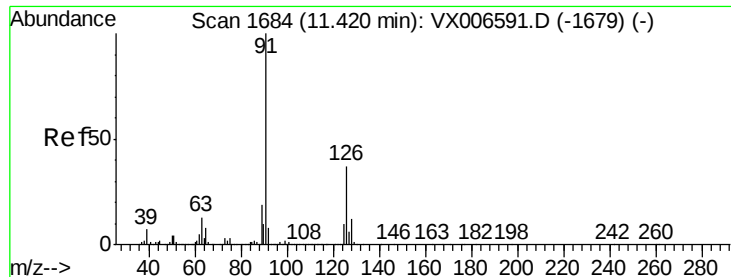
120 25.2 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.602 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

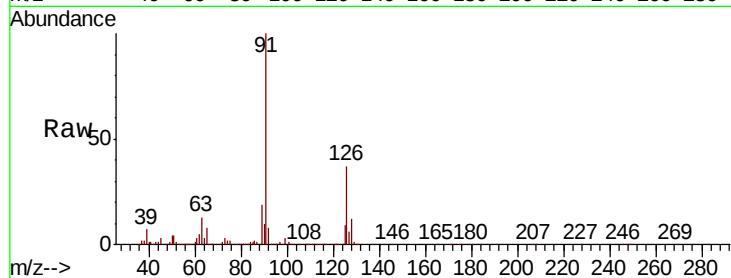
VSTDCCC050EC

Tot Ion: 91 Resp: 990570

Ion Ratio Lower Upper

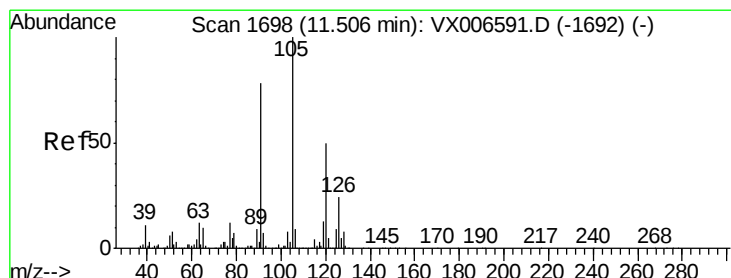
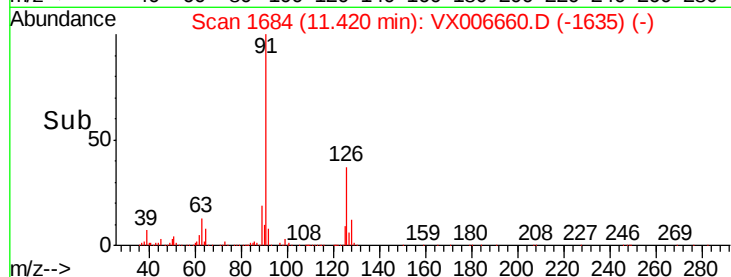
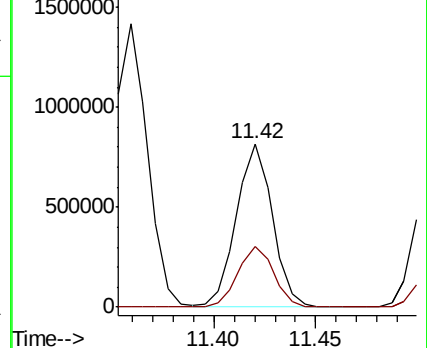
91 100

126 37.4 18.6 56.0



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: 50.483 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006660.D

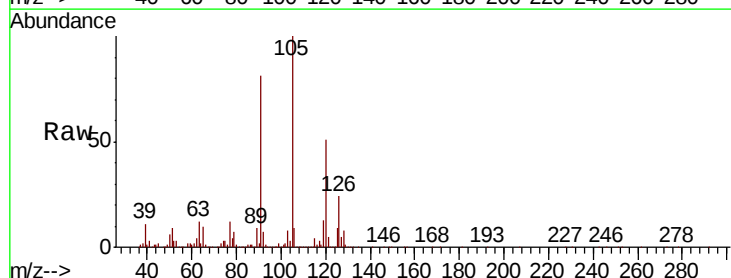
Acq: 20 Dec 2018 01:37

Tgt Ion:105 Resp: 1244329

Ion Ratio Lower Upper

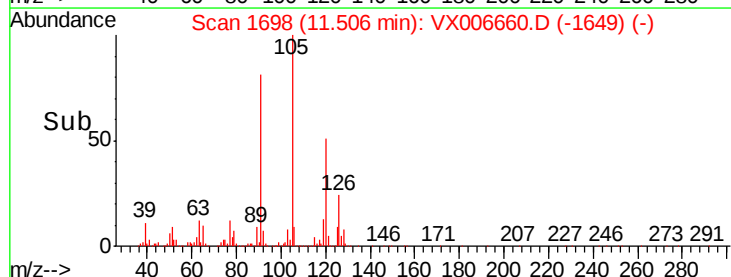
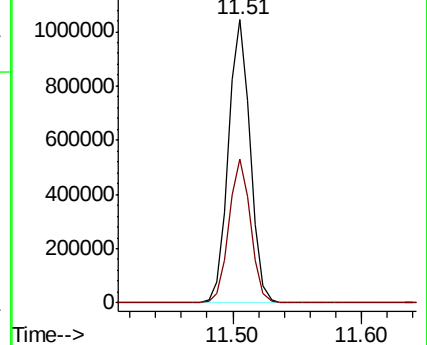
105 100

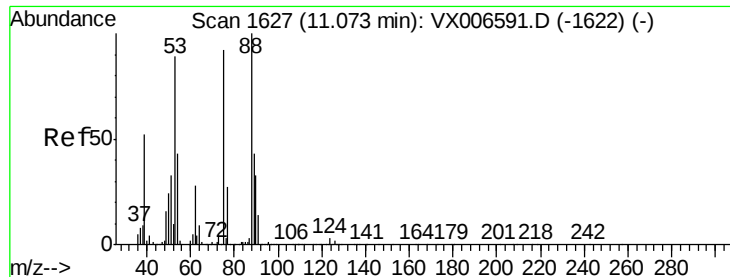
120 50.7 25.1 75.3



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: 42.127 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

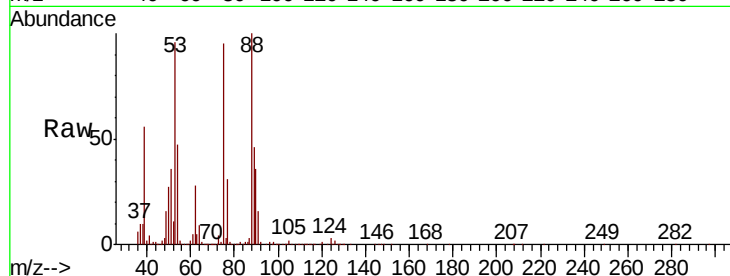
Tot Ion: 75 Resp: 110584

Ion Ratio Lower Upper

75 100

53 104.2 79.7 119.5

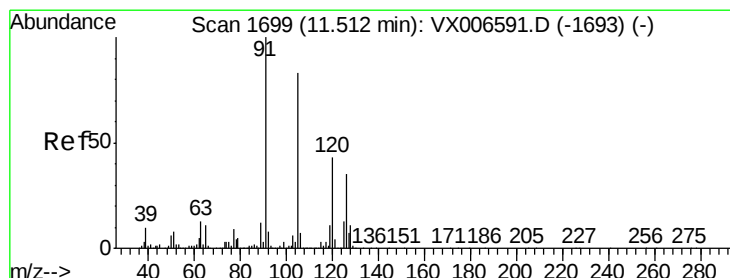
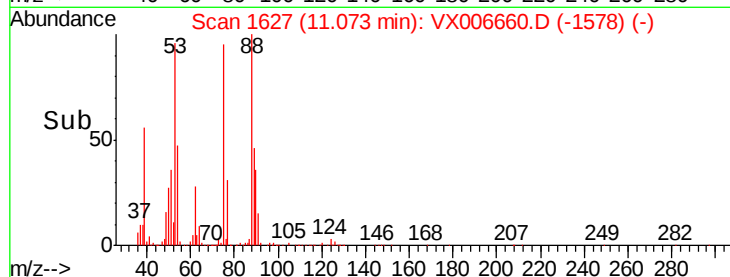
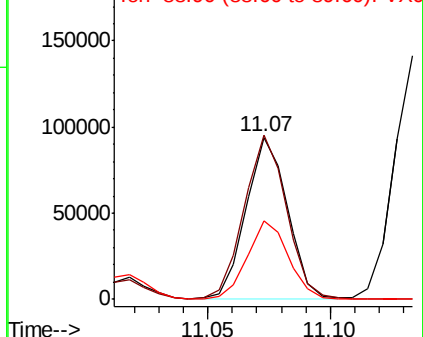
89 48.3 38.0 57.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.382 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006660.D

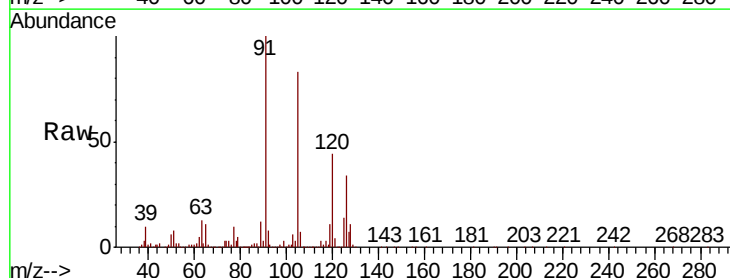
Acq: 20 Dec 2018 01:37

Tgt Ion: 91 Resp: 1154107

Ion Ratio Lower Upper

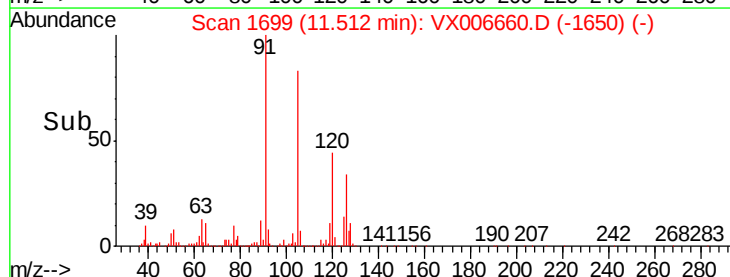
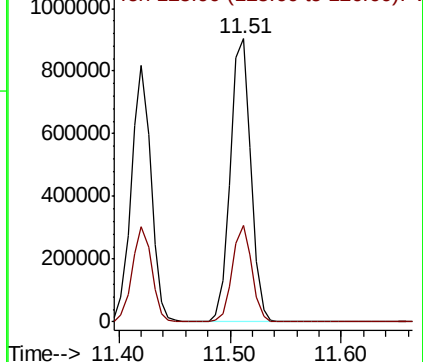
91 100

126 32.3 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.339 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

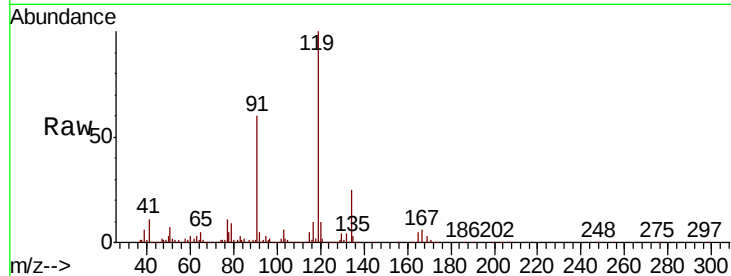
Tot Ion:119 Resp: 1241812

Ion Ratio Lower Upper

119 100

91 56.7 27.7 83.1

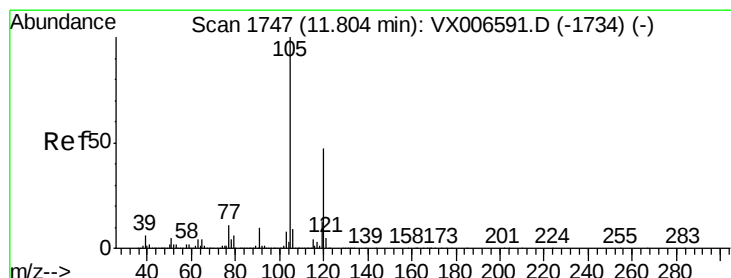
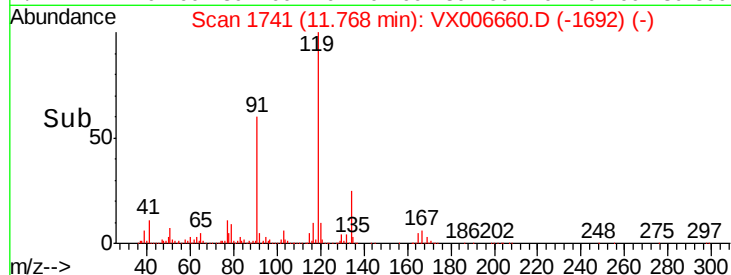
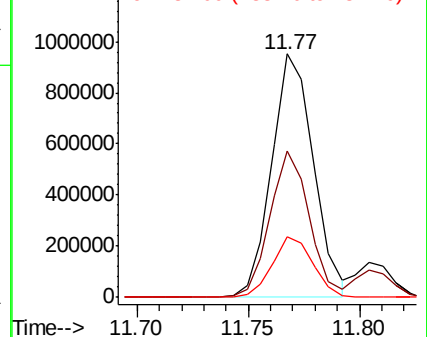
134 24.4 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.280 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006660.D

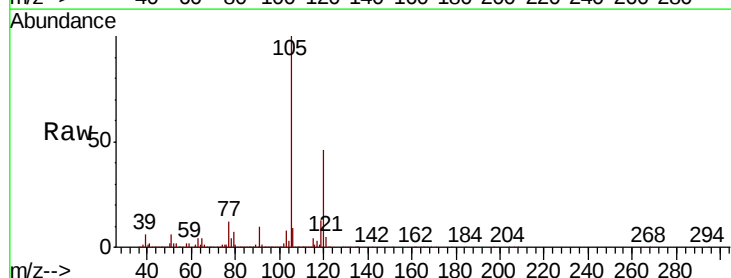
Acq: 20 Dec 2018 01:37

Tgt Ion:105 Resp: 1277637

Ion Ratio Lower Upper

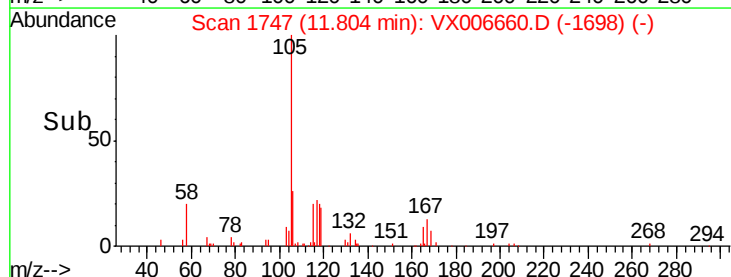
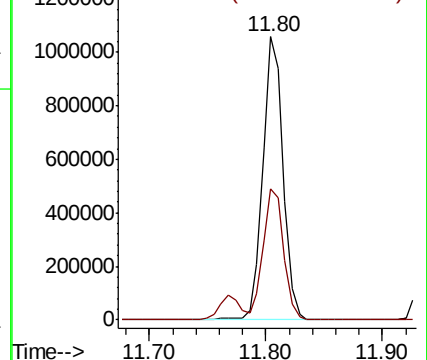
105 100

120 46.8 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.411 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

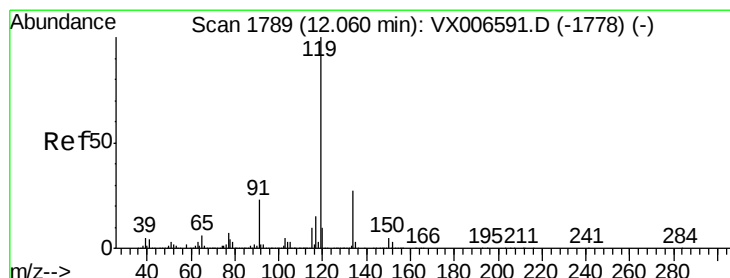
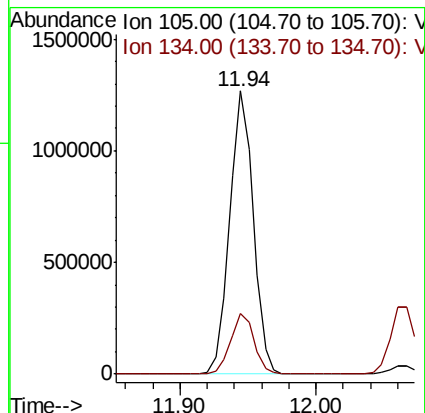
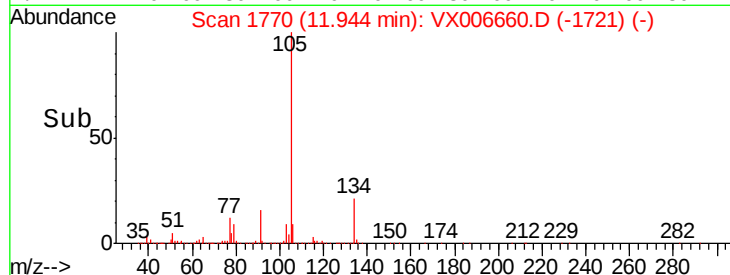
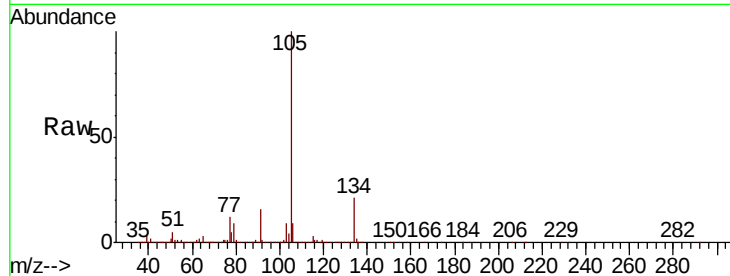
VSTDCCC050EC

Tot Ion:105 Resp: 1524721

Ion Ratio Lower Upper

105 100

134 21.4 10.7 31.9



#86

p-Isopropyltoluene

Concen: 51.282 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

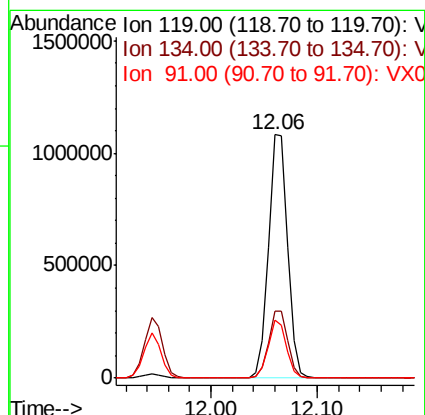
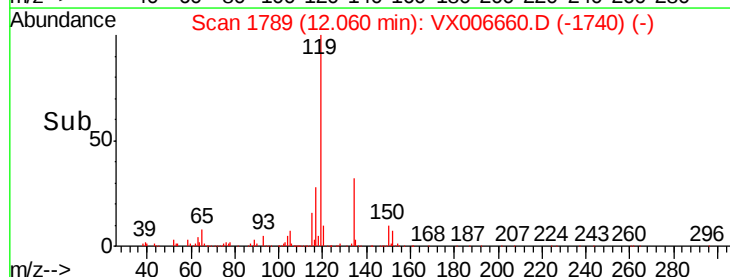
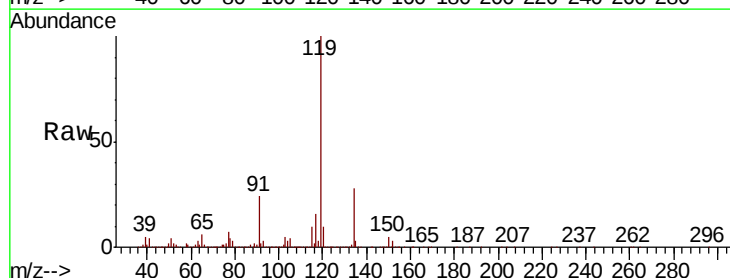
Tgt Ion:119 Resp: 1363441

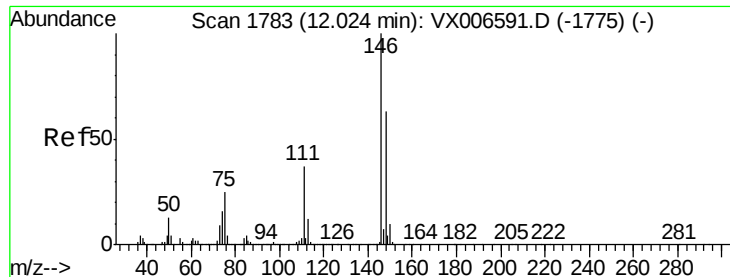
Ion Ratio Lower Upper

119 100

134 27.7 14.0 41.9

91 22.6 11.3 33.9

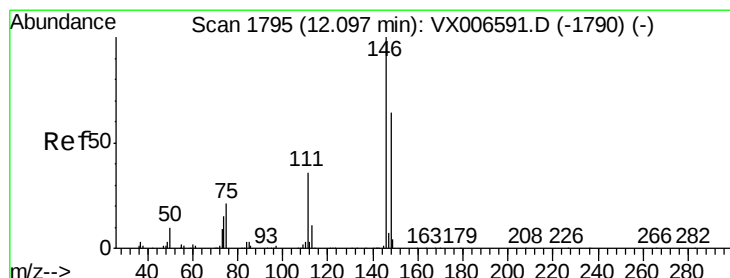
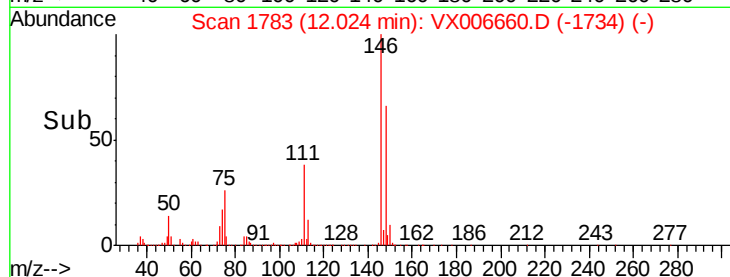
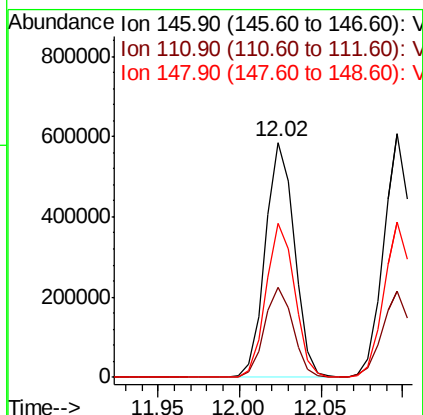
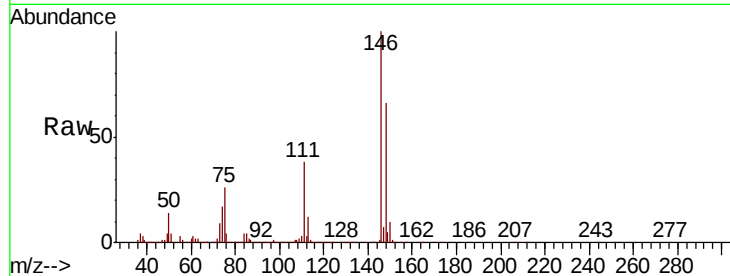




#87
 1,3-Dichlorobenzene
 Concen: 49.717 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006660.D
 Acq: 20 Dec 2018 01:37

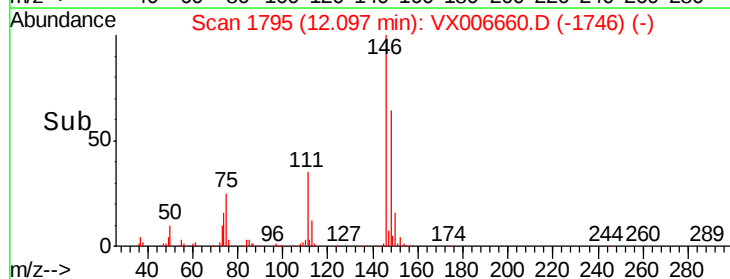
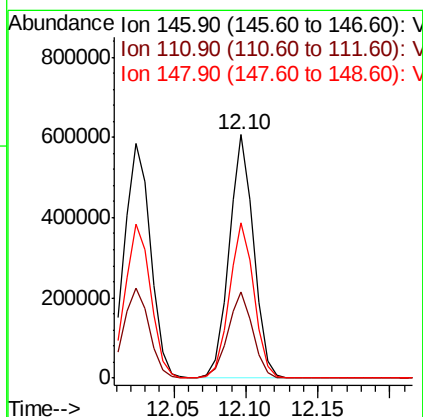
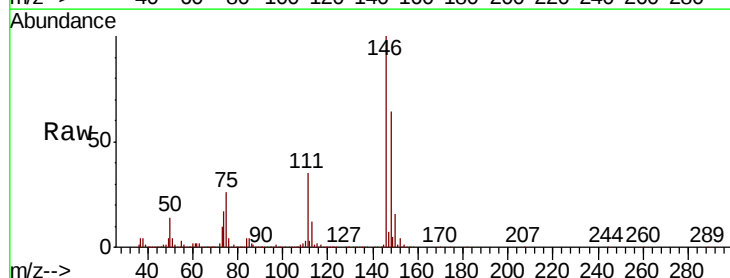
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

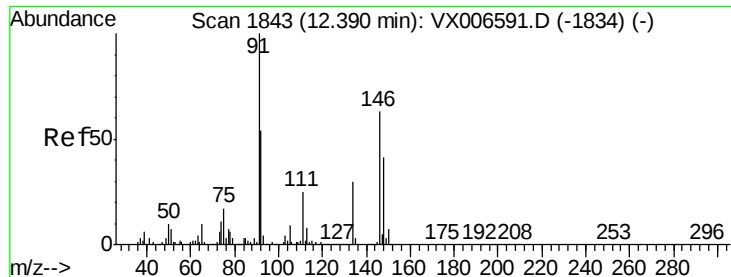
Tot Ion:146 Resp: 724917
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 55.8
 148 64.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.434 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006660.D
 Acq: 20 Dec 2018 01:37

Tgt Ion:146 Resp: 723969
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.1 54.1
 148 64.4 31.9 95.9

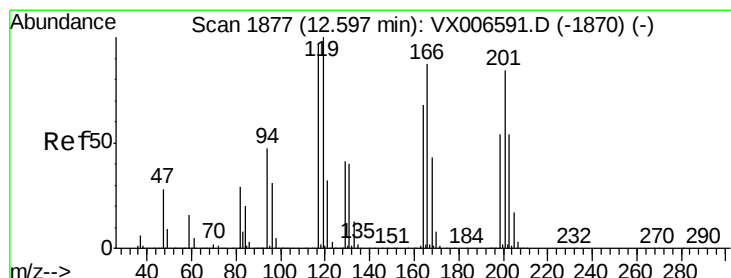
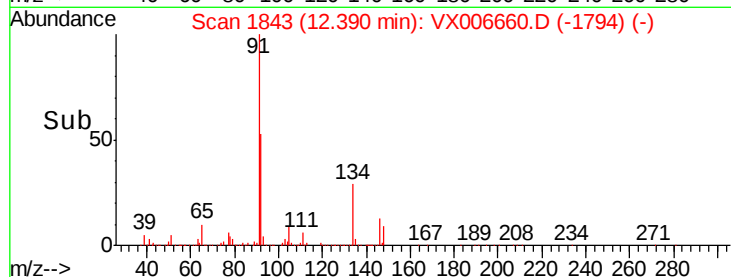
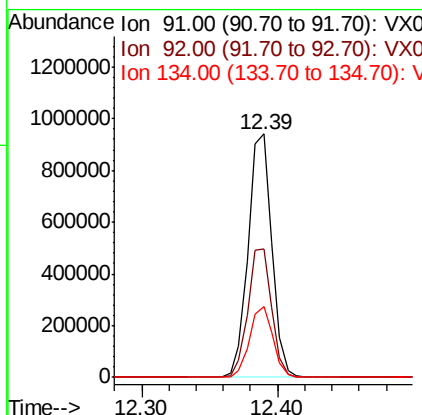
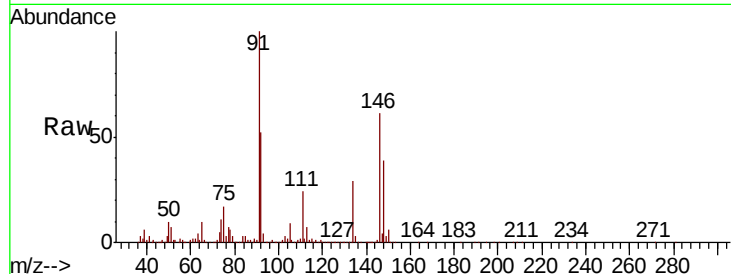




#89
n-Butylbenzene
Concen: 50.747 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

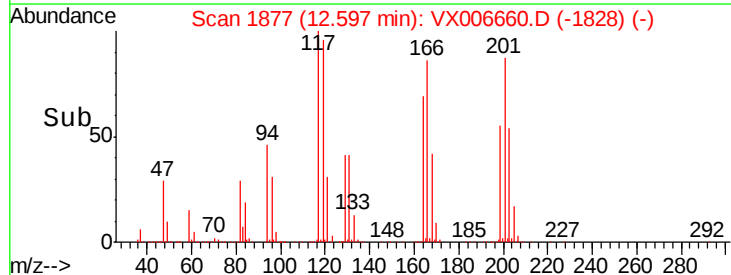
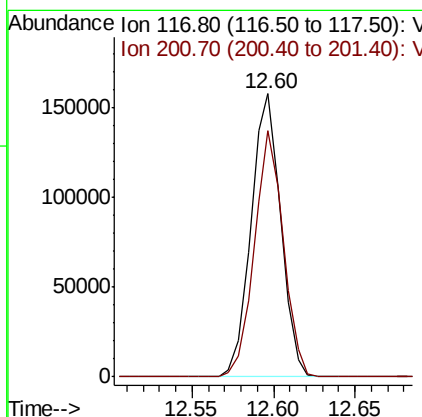
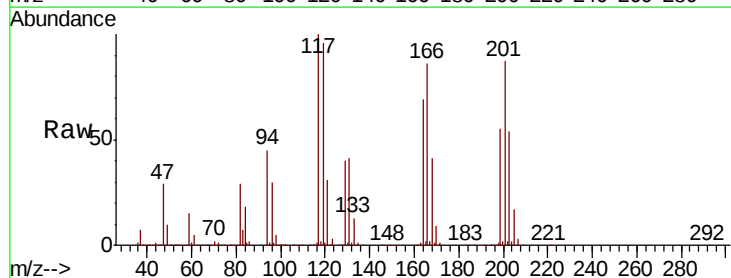
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1148254
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.4
134 28.8 14.4 43.2



#90
Hexachloroethane
Concen: 48.263 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

Tgt Ion: 117 Resp: 200315
Ion Ratio Lower Upper
117 100
201 84.6 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 49.178 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

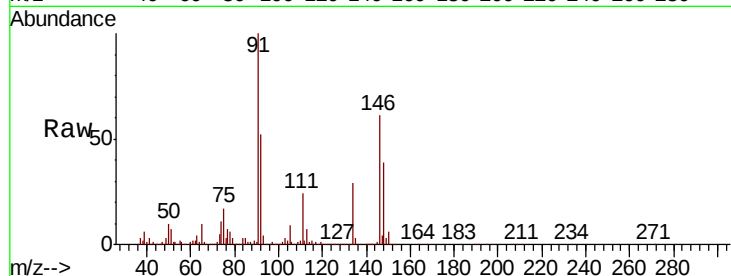
Tot Ion:146 Resp: 717304

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

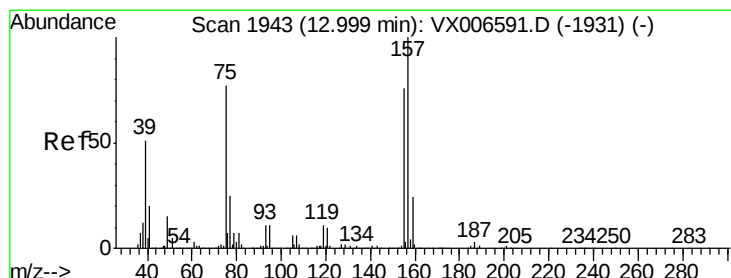
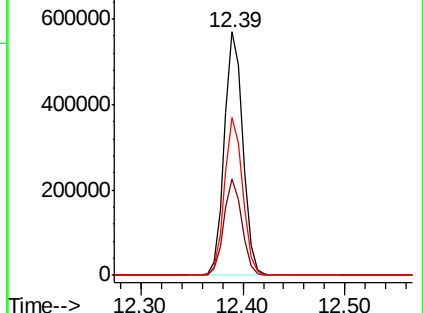
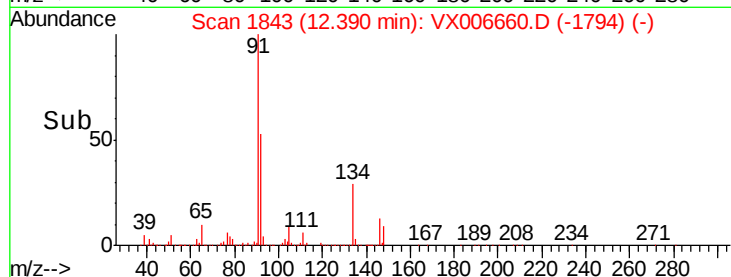
148 63.8 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.463 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006660.D

Acq: 20 Dec 2018 01:37

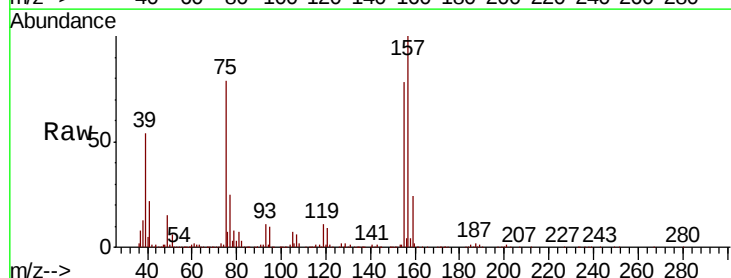
Tgt Ion: 75 Resp: 92928

Ion Ratio Lower Upper

75 100

155 104.9 50.6 151.8

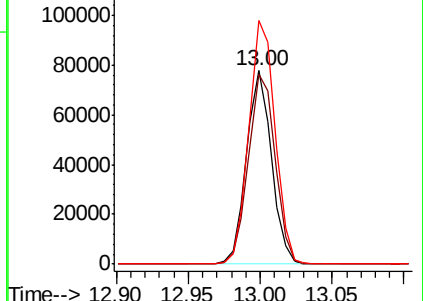
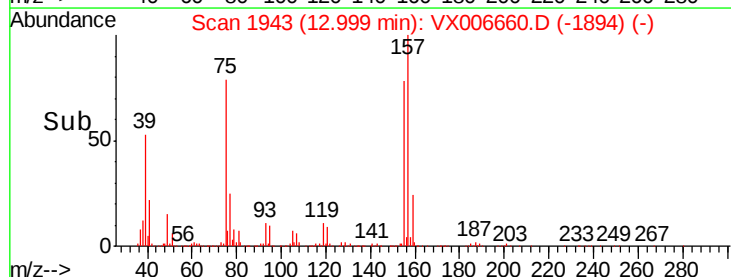
157 131.8 64.6 193.8

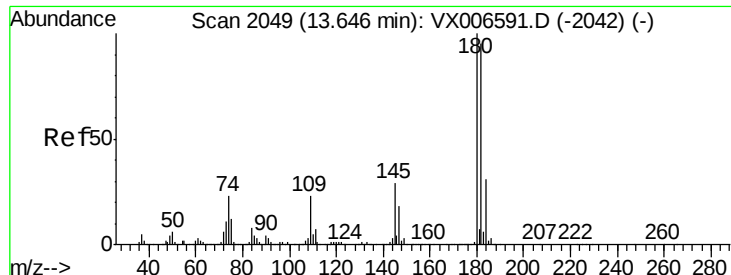


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

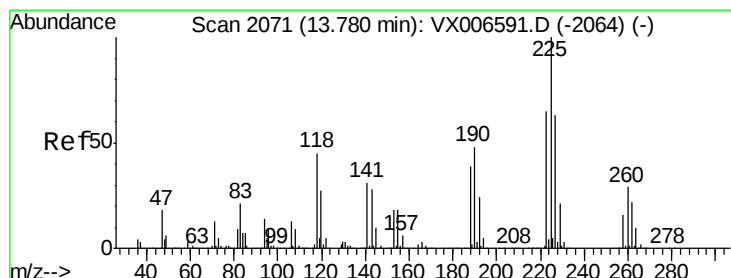
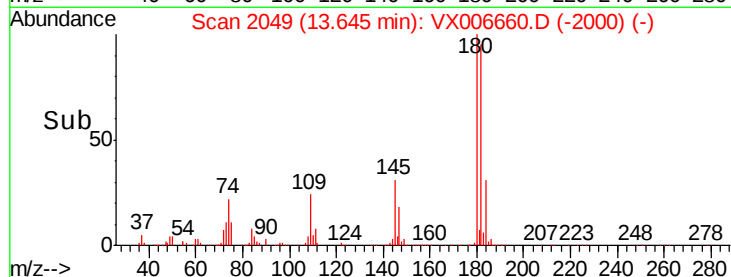
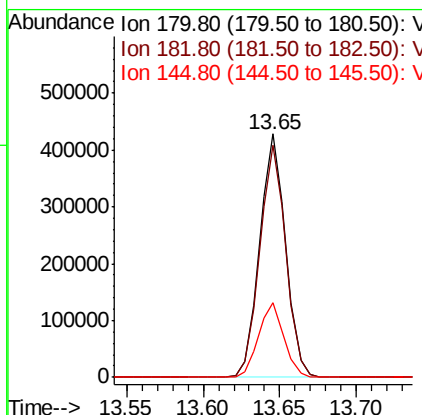
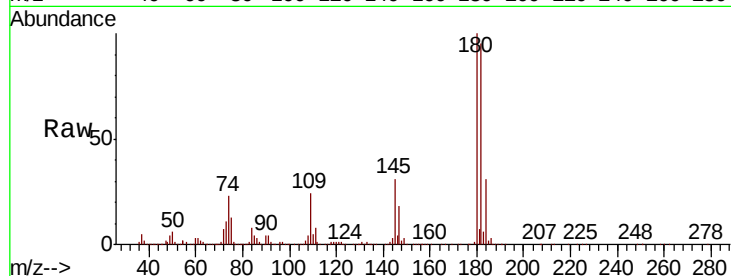




#93
 1,2,4-Trichlorobenzene
 Concen: 50.282 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006660.D
 Acq: 20 Dec 2018 01:37

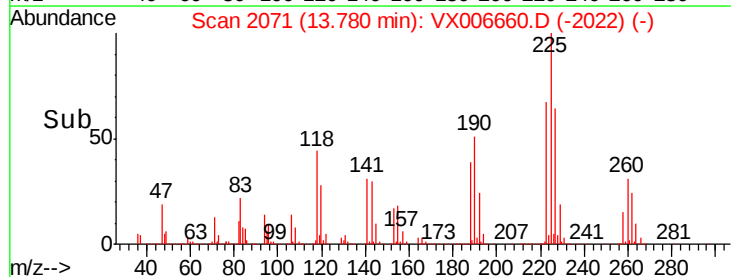
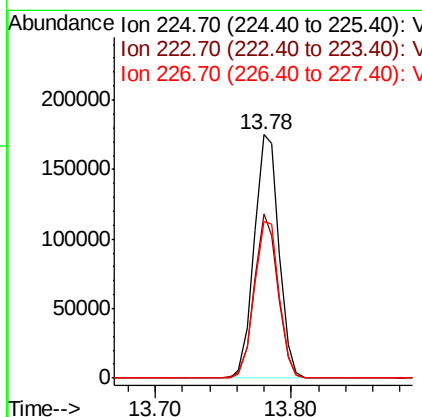
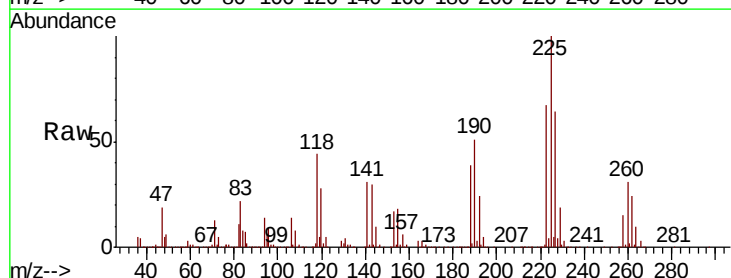
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	30.1	14.8	44.3



#94
 Hexachlorobutadiene
 Concen: 47.130 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006660.D
 Acq: 20 Dec 2018 01:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	32.1	96.3
227	64.8	32.3	96.8

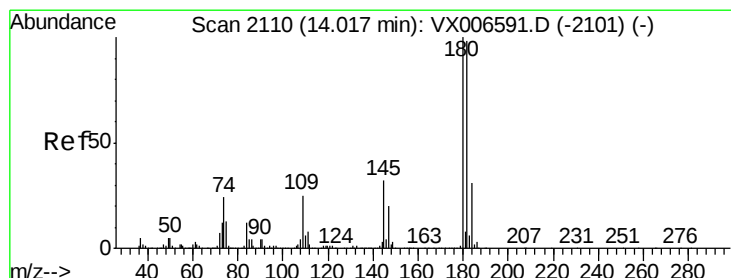
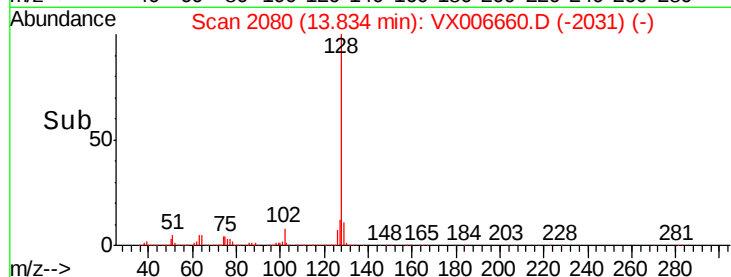
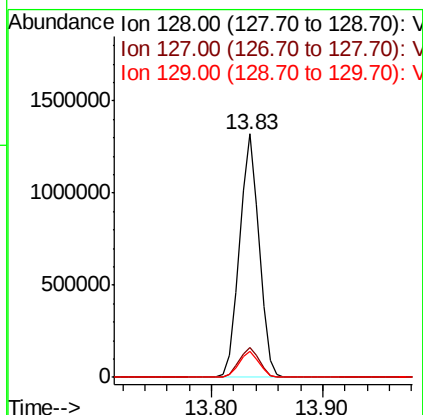
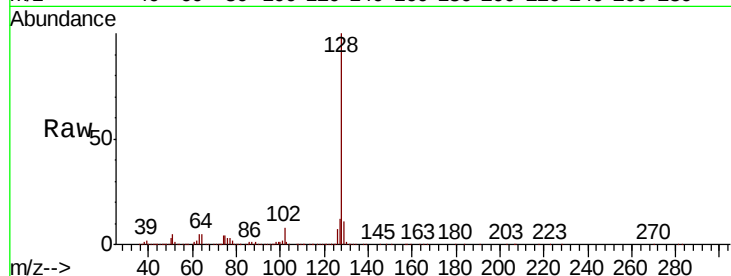




#95
Naphthalene
Concen: 49.872 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1601501
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.119 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006660.D
Acq: 20 Dec 2018 01:37

Tgt Ion:180 Resp: 510257
Ion Ratio Lower Upper
180 100
182 95.2 48.5 145.5
145 31.1 16.0 47.9

