

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX122118\
 Data File : VX006760.D
 Acq On : 22 Dec 2018 08:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 22 09:35:48 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	563758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	885194	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	798316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	398633	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	312305	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
35) Dibromofluoromethane	5.51	113	286999	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
50) Toluene-d8	8.71	98	1046542	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.13	95	366108	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	227490	44.110	ug/l	100
3) Chloromethane	1.33	50	252952	45.525	ug/l	98
4) Vinyl Chloride	1.41	62	276190	47.594	ug/l	99
5) Bromomethane	1.64	94	239876	44.068	ug/l	98
6) Chloroethane	1.72	64	178158	44.339	ug/l	100
7) Trichlorofluoromethane	1.93	101	445390	49.228	ug/l	97
8) Diethyl Ether	2.19	74	172927	48.122	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	252223	47.480	ug/l	99
10) Methyl Iodide	2.51	142	350080	46.038	ug/l	100
11) Tert butyl alcohol	3.07	59	350272	258.316	ug/l	100
12) 1,1-Dichloroethene	2.37	96	246700	48.977	ug/l	99
13) Acrolein	2.30	56	192546	210.489	ug/l	97
14) Allyl chloride	2.73	41	395161	46.607	ug/l	99
15) Acrylonitrile	3.15	53	799959	265.705	ug/l	100
16) Acetone	2.45	43	681206	244.031	ug/l	100
17) Carbon Disulfide	2.57	76	564976	42.384	ug/l	99
18) Methyl Acetate	2.78	43	465977	56.769	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	878773	52.565	ug/l	99
20) Methylene Chloride	2.86	84	281686	48.800	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	264072	47.316	ug/l	98
22) Diisopropyl ether	3.87	45	818990	52.801	ug/l	94
23) Vinyl Acetate	3.82	43	3266590	257.467	ug/l	99
24) 1,1-Dichloroethane	3.70	63	450462	48.650	ug/l	99
25) 2-Butanone	4.70	43	1009085	256.990	ug/l	99
26) 2,2-Dichloropropane	4.59	77	171157	23.930	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	305290	49.579	ug/l	97
28) Bromochloromethane	5.02	49	211180	54.262	ug/l	100
29) Tetrahydrofuran	5.15	42	698996	270.283	ug/l	98
30) Chloroform	5.22	83	485240	50.607	ug/l	97
31) Cyclohexane	5.57	56	401162	47.690	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	409864	50.623	ug/l	99
36) 1,1-Dichloropropene	5.80	75	352882	48.133	ug/l	100
37) Ethyl Acetate	4.85	43	395793	51.868	ug/l	99
38) Carbon Tetrachloride	5.79	117	348455	48.906	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX122118\
 Data File : VX006760.D
 Acq On : 22 Dec 2018 08:25
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 22 09:35:48 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	434078	44.973	ug/l	99
40) Benzene	6.14	78	1095914	49.177	ug/l	100
41) Methacrylonitrile	5.06	41	218741	53.993	ug/l	99
42) 1,2-Dichloroethane	6.20	62	371078	48.866	ug/l	100
43) Isopropyl Acetate	6.46	43	607600	52.332	ug/l	99
44) Trichloroethene	7.21	130	320078	47.454	ug/l	96
45) 1,2-Dichloropropane	7.51	63	274859	50.683	ug/l	98
46) Dibromomethane	7.66	93	199172	49.931	ug/l	100
47) Bromodichloromethane	7.90	83	336664	50.836	ug/l	96
48) Methyl methacrylate	7.77	41	317277	53.737	ug/l	98
49) 1,4-Dioxane	7.75	88	155886	1009.275	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1965812	266.104	ug/l	99
52) Toluene	8.79	92	700706	48.670	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	325548	45.835	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	375157	48.138	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	299164	50.766	ug/l	98
56) Ethyl methacrylate	9.18	69	433739	52.076	ug/l	98
57) 1,3-Dichloropropane	9.37	76	473915	49.985	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1136249	256.639	ug/l	99
59) 2-Hexanone	9.49	43	1476060	261.147	ug/l	100
60) Dibromochloromethane	9.59	129	291101	47.359	ug/l	96
61) 1,2-Dibromoethane	9.67	107	316228	50.480	ug/l	99
64) Tetrachloroethene	9.34	164	308006	48.724	ug/l	98
65) Chlorobenzene	10.14	112	811936	48.075	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	283309	53.766	ug/l	99
67) Ethyl Benzene	10.25	91	1339733	48.545	ug/l	98
68) m/p-Xylenes	10.36	106	1052933	96.688	ug/l	100
69) o-Xylene	10.70	106	516186	48.001	ug/l	98
70) Styrene	10.71	104	829215	48.740	ug/l	99
71) Bromoform	10.86	173	208148	44.347	ug/l	98
73) Isopropylbenzene	11.02	105	1375775	50.448	ug/l	100
74) N-amyl acetate	10.90	43	544535	55.784	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	437495	53.942	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	451653	60.966	ug/l	91
77) Bromobenzene	11.26	156	367692	49.871	ug/l	100
78) n-propylbenzene	11.36	91	1519414	50.595	ug/l	99
79) 2-Chlorotoluene	11.42	91	891411	48.981	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1122102	49.955	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	84666	36.069	ug/l	93
82) 4-Chlorotoluene	11.51	91	1026467	49.170	ug/l	100
83) tert-Butylbenzene	11.77	119	1140426	50.728	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1151459	48.736	ug/l	100
85) sec-Butylbenzene	11.94	105	1359453	49.321	ug/l	100
86) p-Isopropyltoluene	12.06	119	1219520	50.332	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	652591	49.112	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	643725	47.257	ug/l	99
89) n-Butylbenzene	12.39	91	1016260	49.284	ug/l	99
90) Hexachloroethane	12.60	117	174403	46.256	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	648144	48.761	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	89394	53.268	ug/l	99

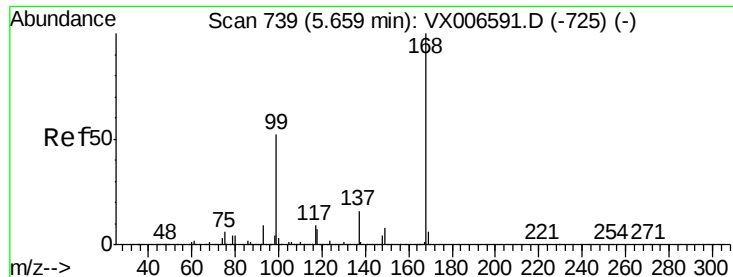
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122118\
Data File : VX006760.D
Acq On : 22 Dec 2018 08:25
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Dec 22 09:35:48 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)
93) 1,2,4-Trichlorobenzene	13.65	180	451651	49.258	ug/l	99
94) Hexachlorobutadiene	13.78	225	195763	45.297	ug/l	99
95) Naphthalene	13.83	128	1490682	50.938	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	463159	48.924	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

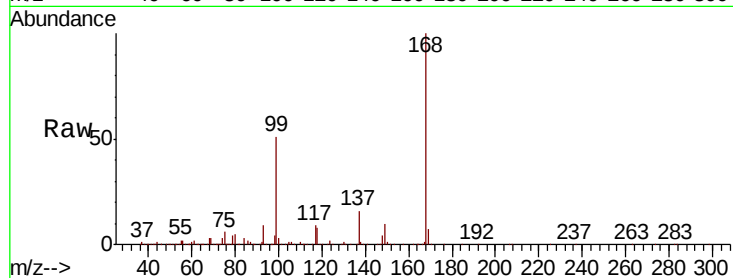
VSTDCCC050

Tgt Ion:168 Resp: 563758

Ion Ratio Lower Upper

168 100

99 50.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006760.D (-690) (-)

Ion 98.90 (98.60 to 99.60): VX006760.D (-690) (-)

5.67

200000

150000

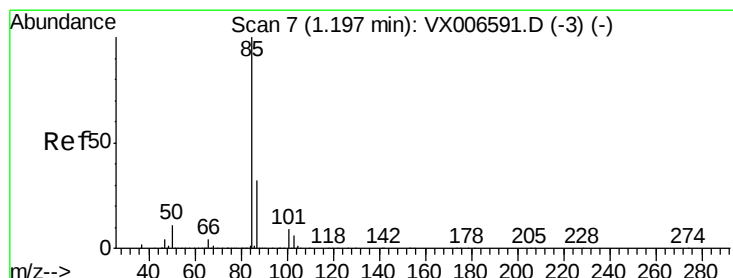
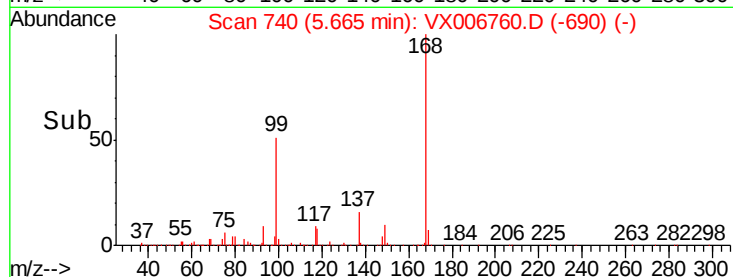
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 44.110 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006760.D

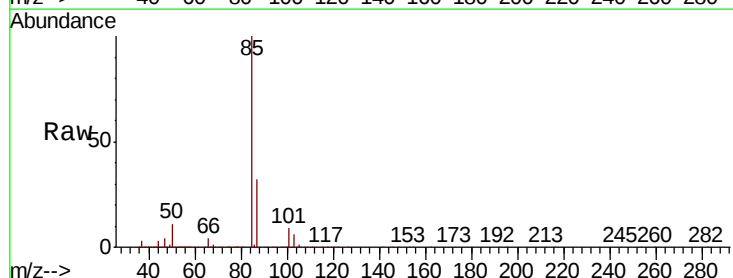
Acq: 22 Dec 2018 08:25

Tgt Ion: 85 Resp: 227490

Ion Ratio Lower Upper

85 100

87 31.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX006760.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VX006760.D (-1) (-)

1.20

200000

150000

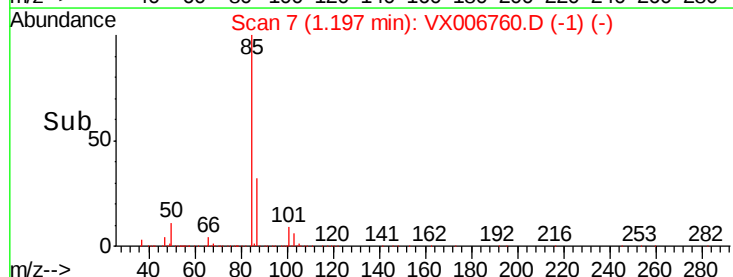
100000

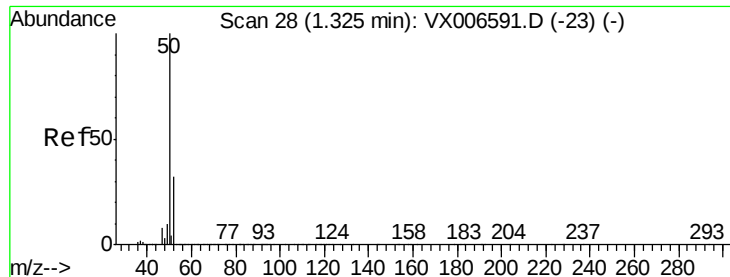
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.525 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

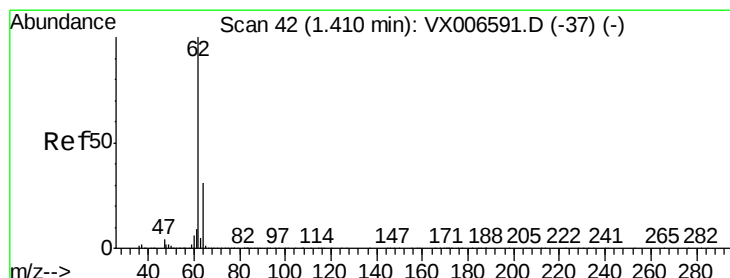
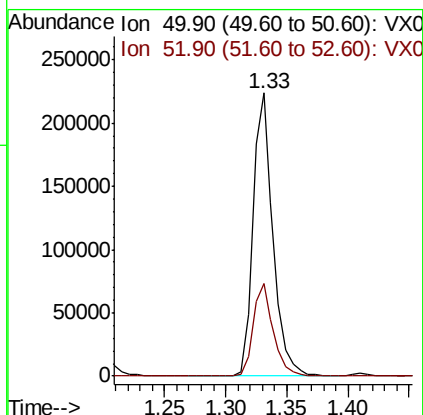
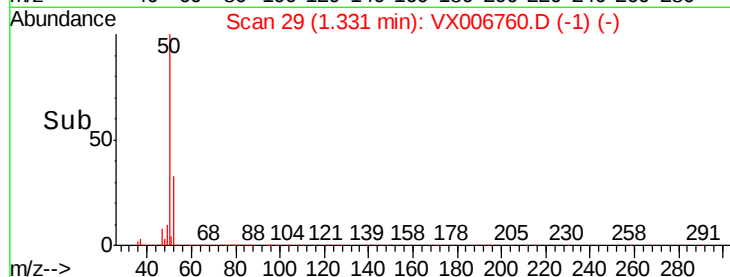
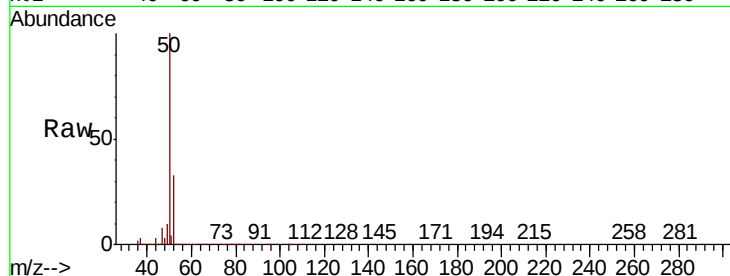
VSTDCCC050

Tgt Ion: 50 Resp: 252952

Ion Ratio Lower Upper

50 100

52 32.9 25.4 38.2



#4

Vinyl Chloride

Concen: 47.594 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006760.D

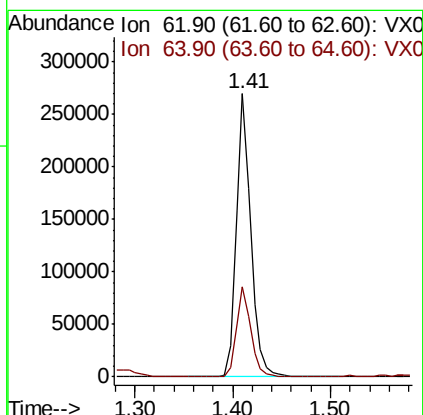
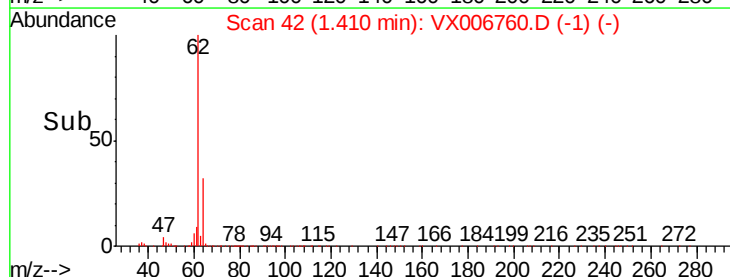
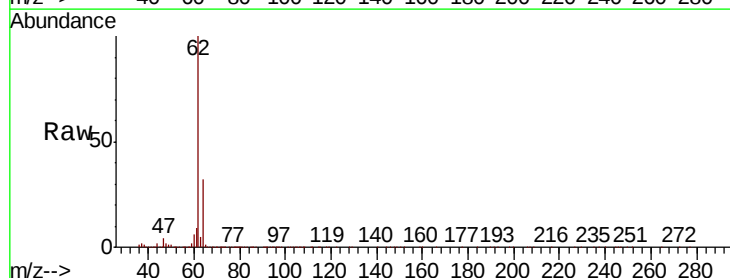
Acq: 22 Dec 2018 08:25

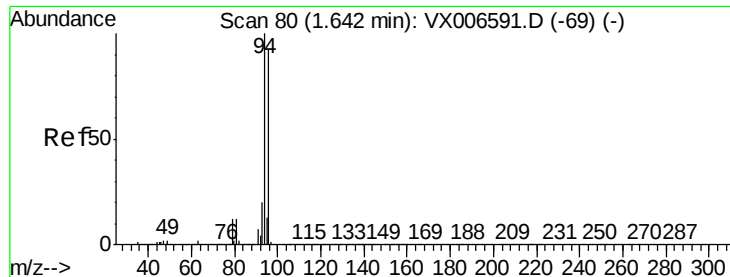
Tgt Ion: 62 Resp: 276190

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7





#5

Bromomethane

Concen: 44.068 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

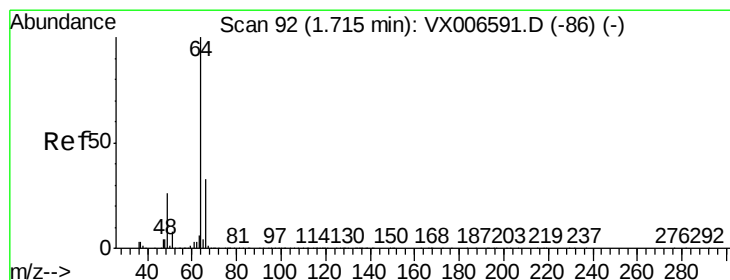
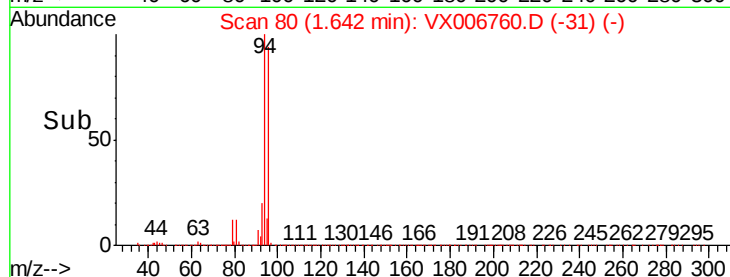
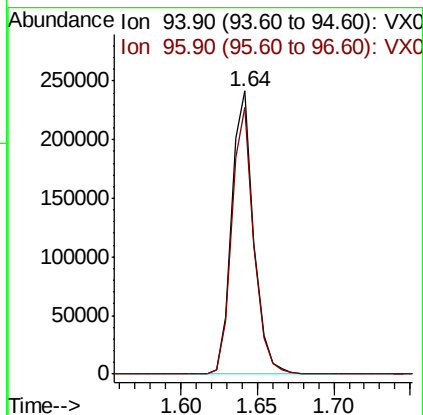
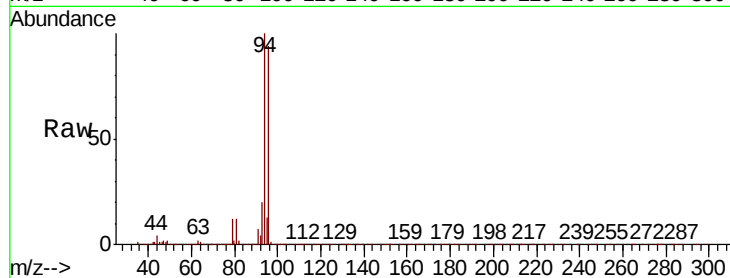
VSTDCCC050

Tgt Ion: 94 Resp: 239876

Ion Ratio Lower Upper

94 100

96 94.1 73.4 110.2



#6

Chloroethane

Concen: 44.339 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006760.D

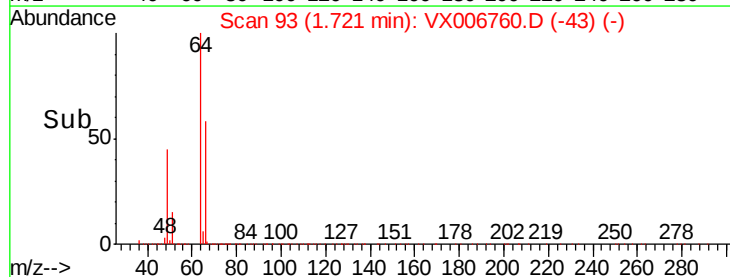
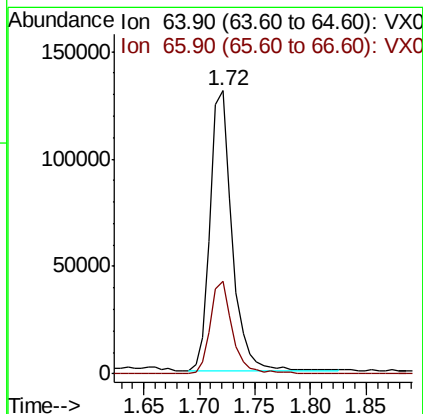
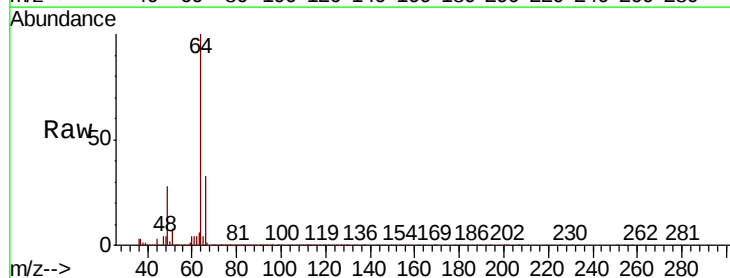
Acq: 22 Dec 2018 08:25

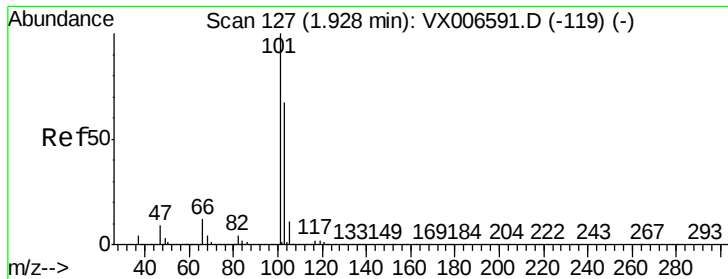
Tgt Ion: 64 Resp: 178158

Ion Ratio Lower Upper

64 100

66 33.1 26.4 39.6



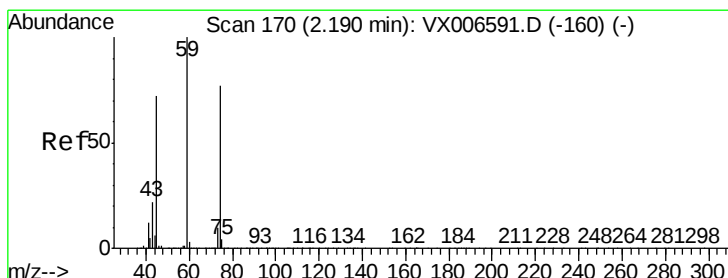
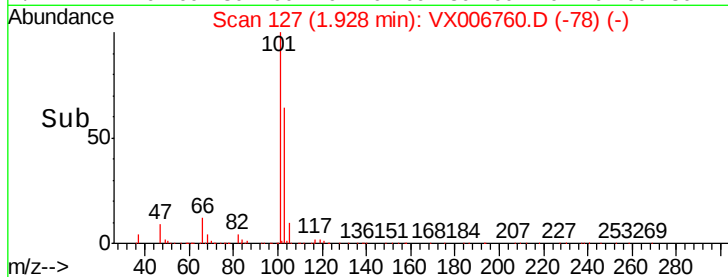
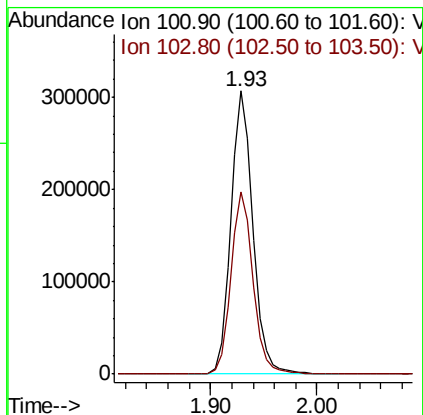
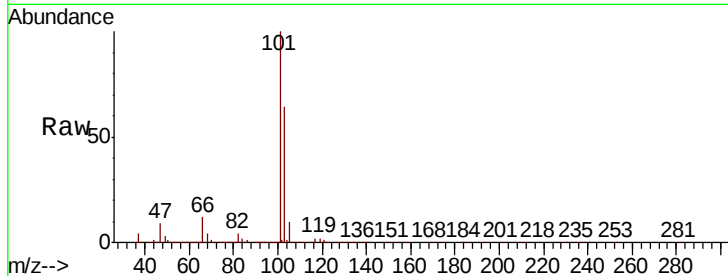


#7

Trichlorofluoromethane
Concen: 49.228 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

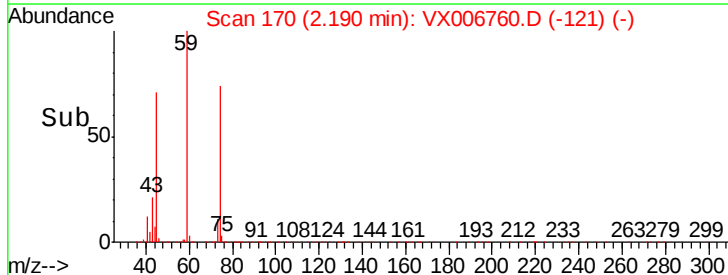
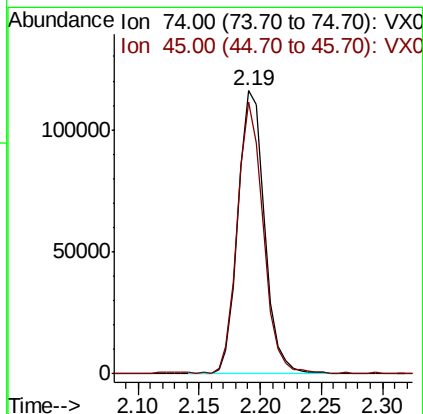
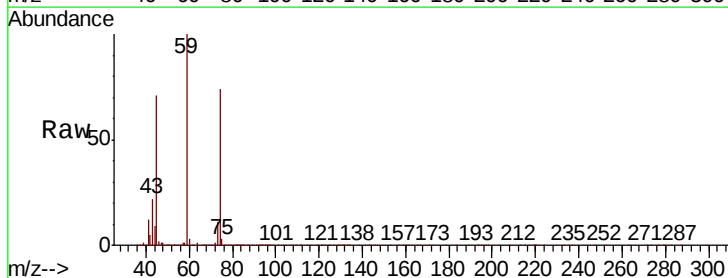
Tgt Ion:101 Resp: 445390
Ion Ratio Lower Upper
101 100
103 64.2 53.2 79.8

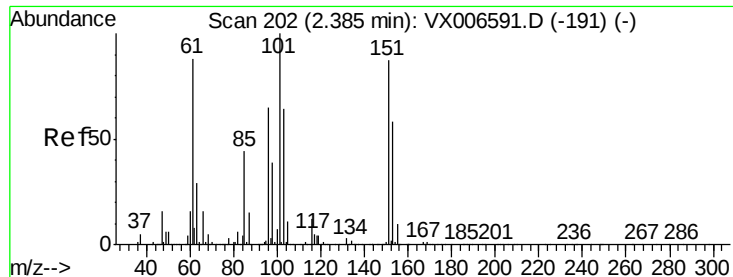


#8

Diethyl Ether
Concen: 48.122 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion: 74 Resp: 172927
Ion Ratio Lower Upper
74 100
45 93.5 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.480 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

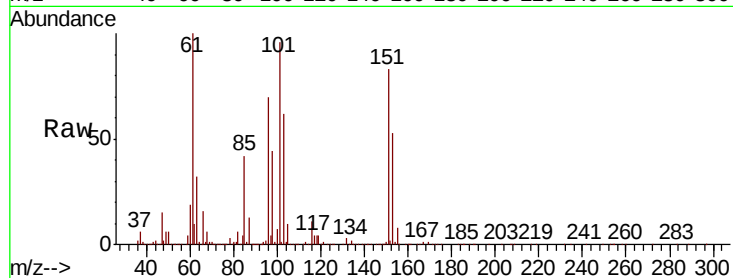
Tgt Ion:101 Resp: 252223

Ion Ratio Lower Upper

101 100

85 43.6 35.1 52.7

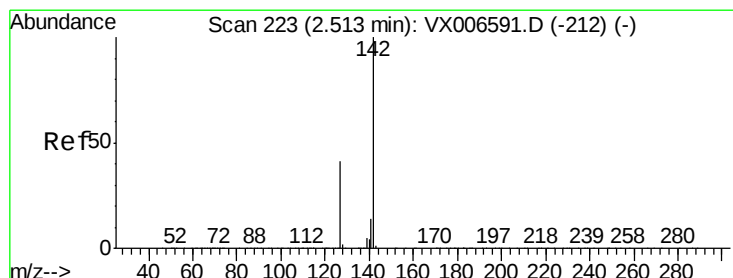
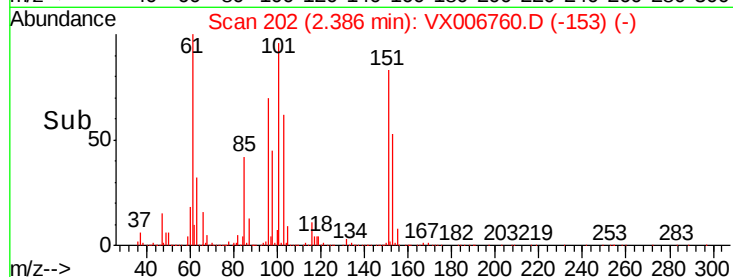
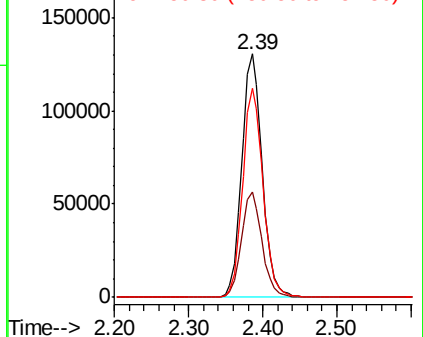
151 85.2 68.9 103.3



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: 46.038 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

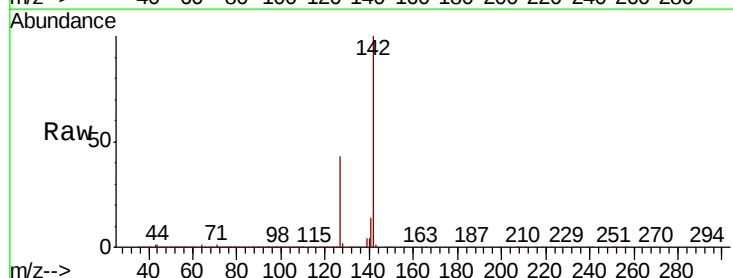
Tgt Ion:142 Resp: 350080

Ion Ratio Lower Upper

142 100

127 42.6 33.9 50.9

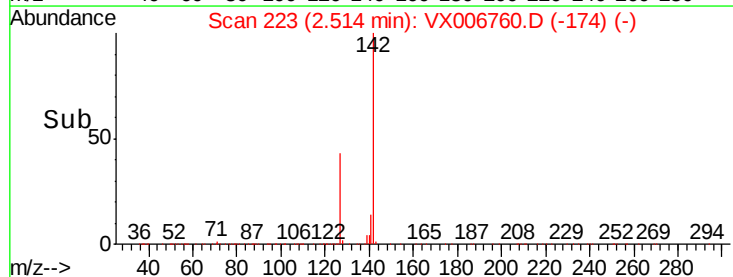
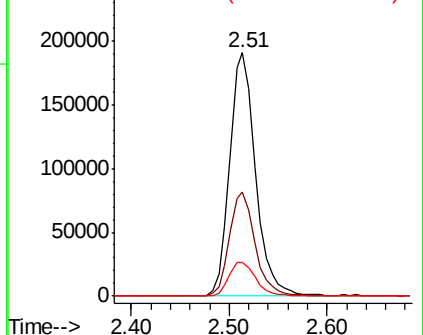
141 14.4 11.4 17.0

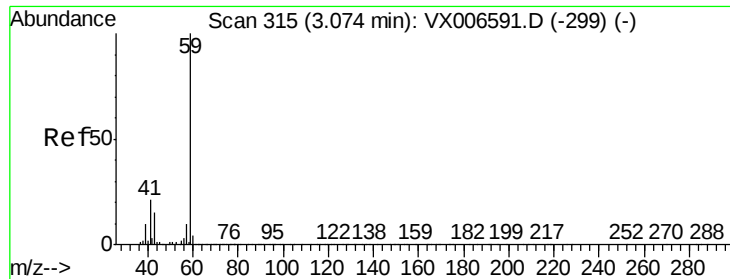


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

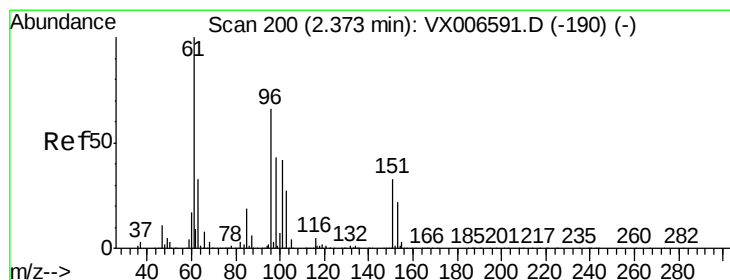
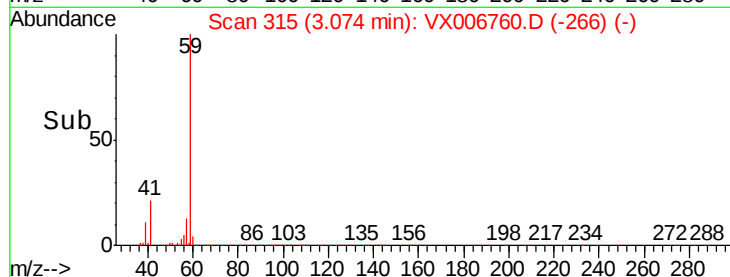
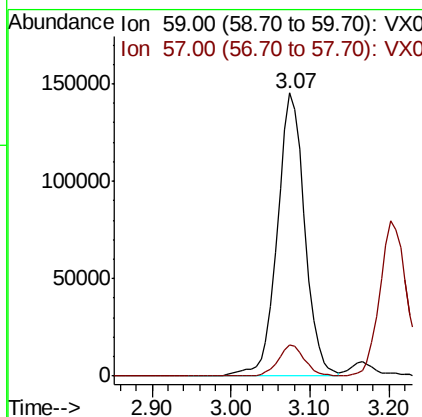
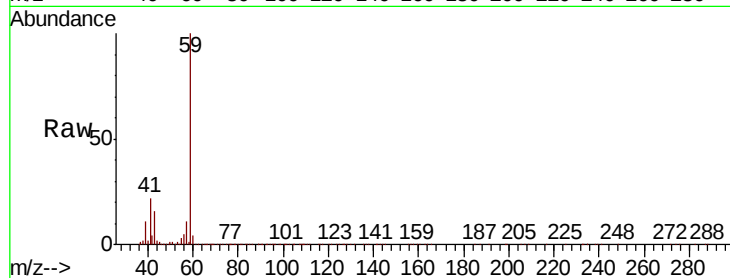




#11
Tert butyl alcohol
Concen: 258.316 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

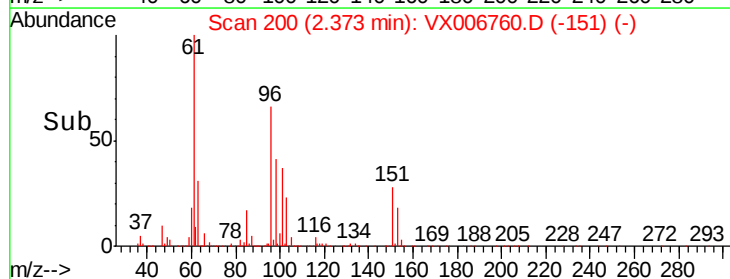
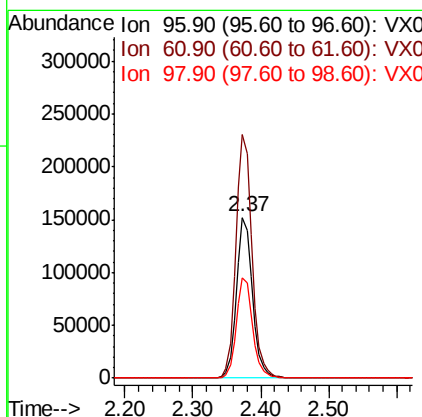
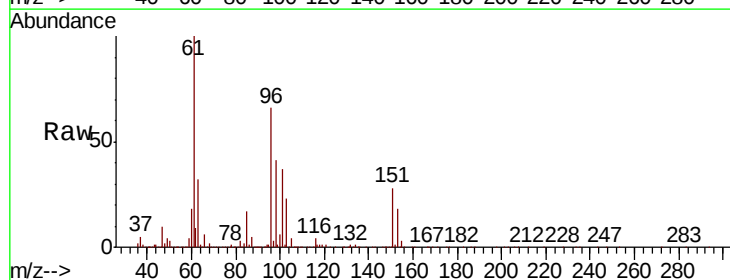
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

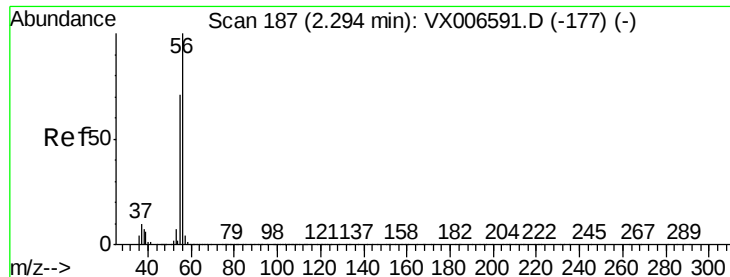
Tgt Ion: 59 Resp: 350272
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7



#12
1,1-Dichloroethene
Concen: 48.977 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion: 96 Resp: 246700
Ion Ratio Lower Upper
96 100
61 151.6 121.4 182.2
98 62.6 51.9 77.9

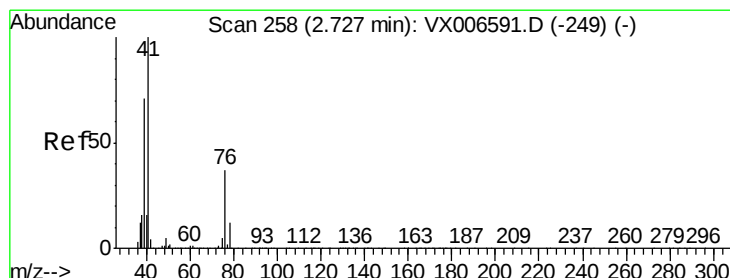
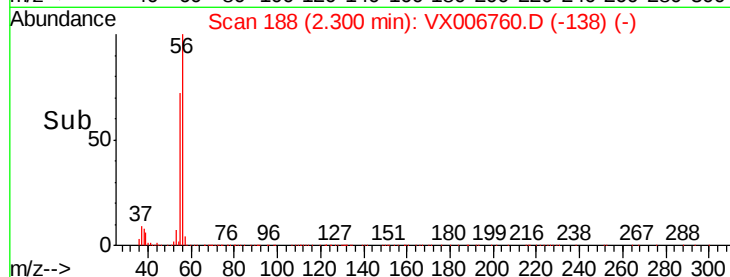
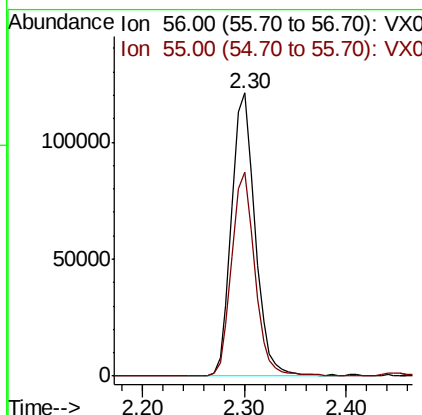
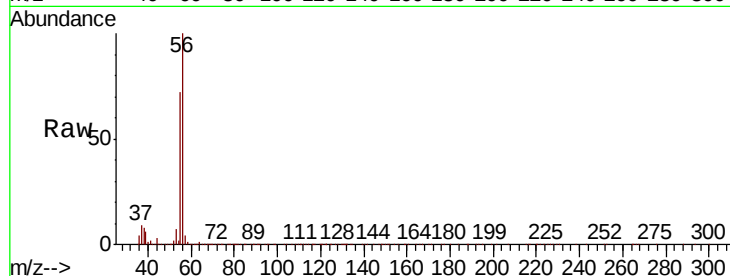




#13
Acrolein
Concen: 210.489 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

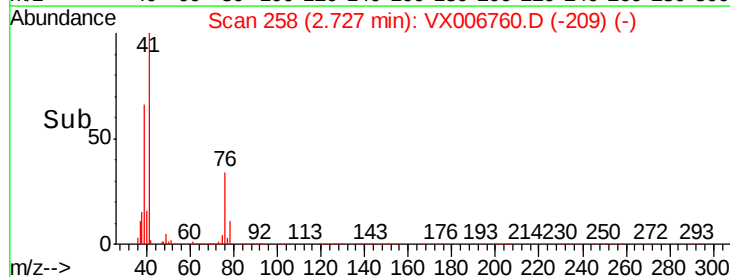
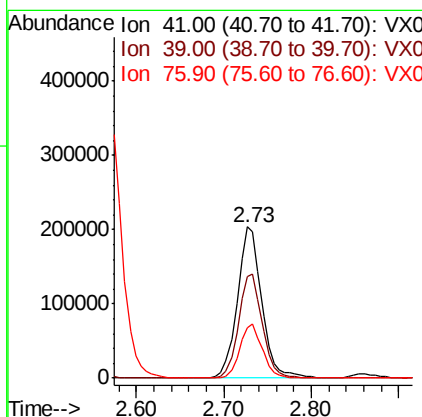
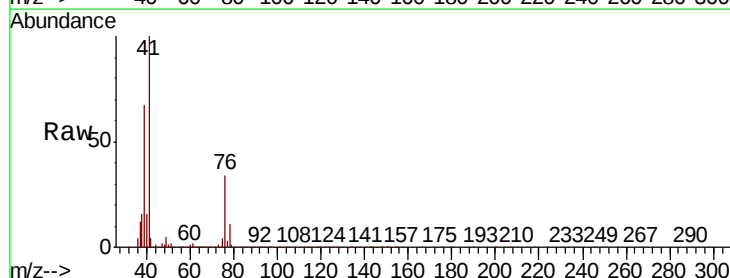
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

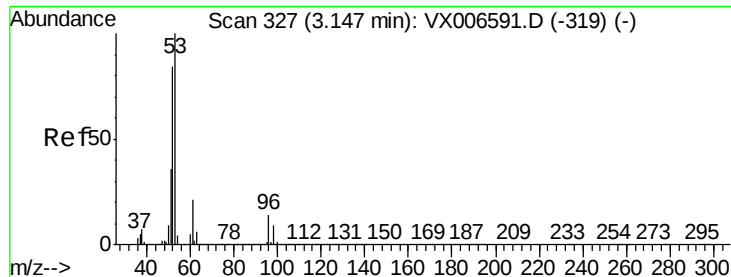
Tgt Ion: 56 Resp: 192546
Ion Ratio Lower Upper
56 100
55 70.5 58.2 87.4



#14
Allyl chloride
Concen: 46.607 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion: 41 Resp: 395161
Ion Ratio Lower Upper
41 100
39 66.5 53.6 80.4
76 32.8 27.4 41.2





#15

Acrylonitrile

Concen: 265.705 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

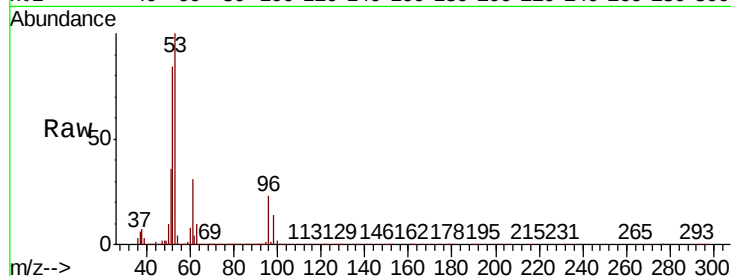
Tgt Ion: 53 Resp: 799959

Ion Ratio Lower Upper

53 100

52 82.9 66.0 99.0

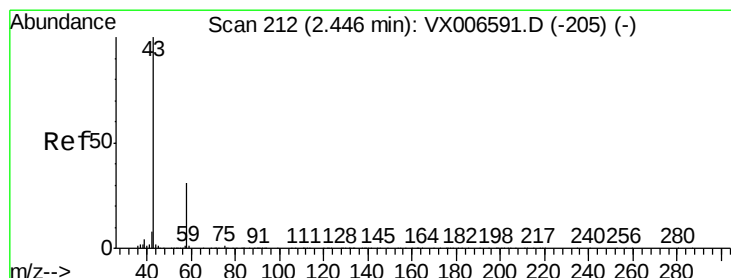
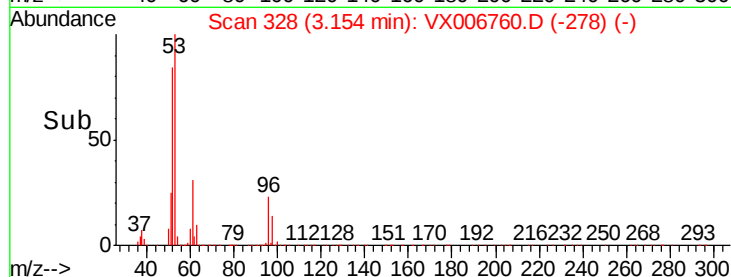
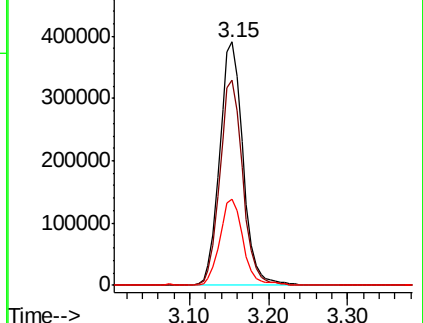
51 35.8 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 244.031 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006760.D

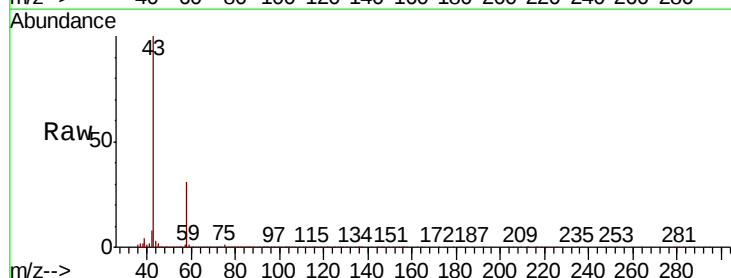
Acq: 22 Dec 2018 08:25

Tgt Ion: 43 Resp: 681206

Ion Ratio Lower Upper

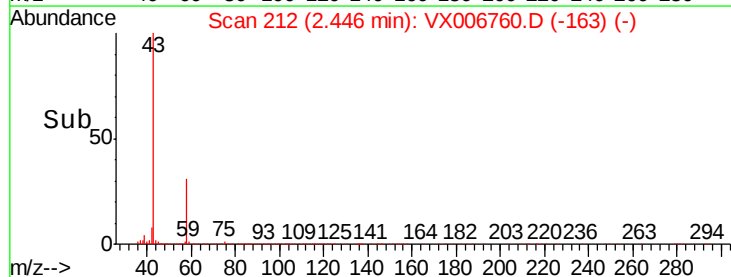
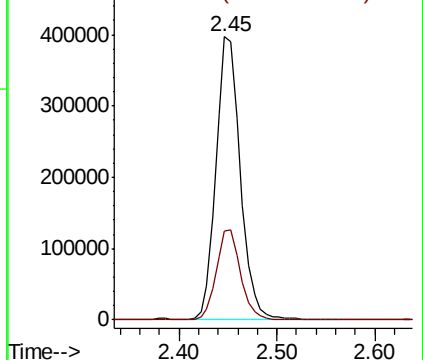
43 100

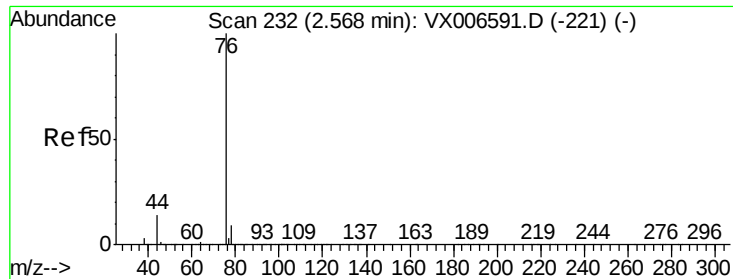
58 31.3 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

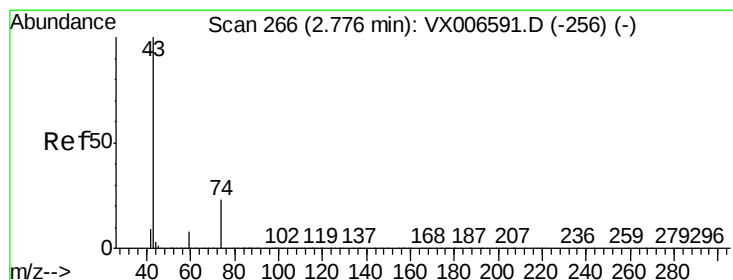
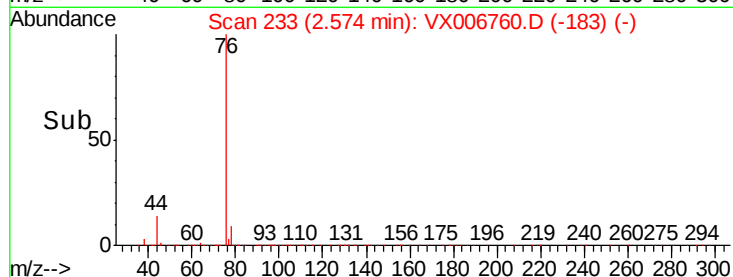
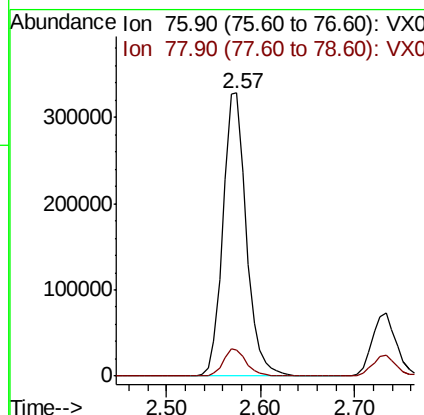
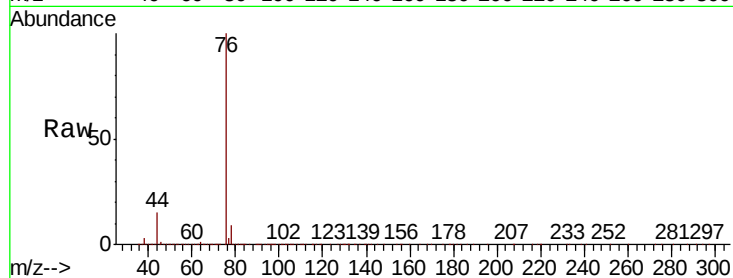




#17
Carbon Disulfide
Concen: 42.384 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

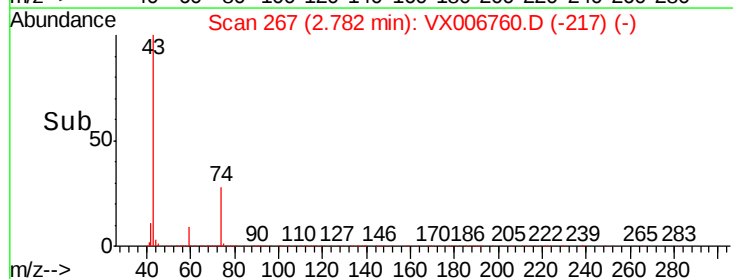
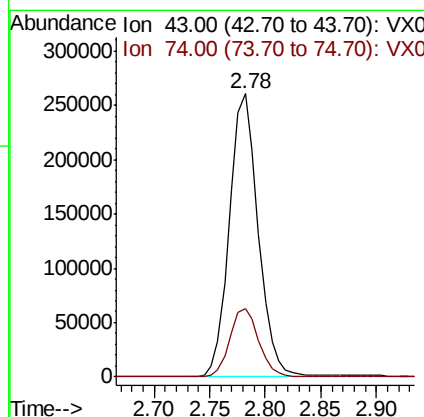
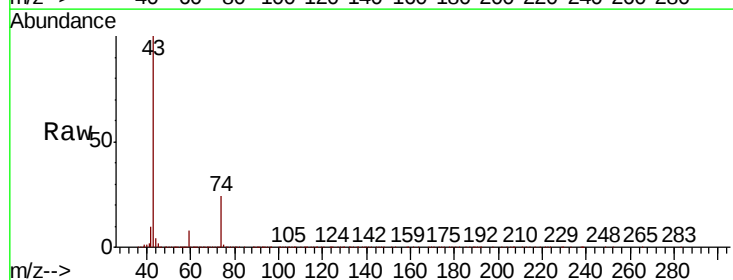
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

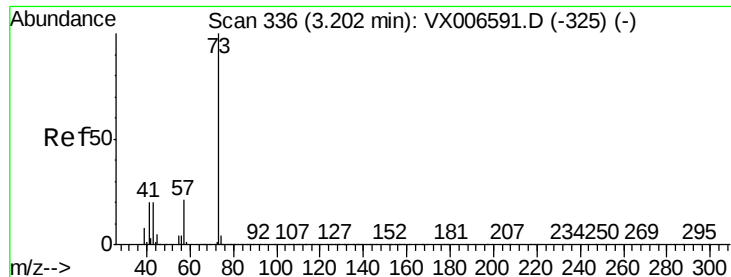
Tgt Ion: 76 Resp: 564976
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 56.769 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion: 43 Resp: 465977
Ion Ratio Lower Upper
43 100
74 23.9 18.6 28.0





#19

Methyl tert-butyl Ether

Concen: 52.565 ug/l

RT: 3.20 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

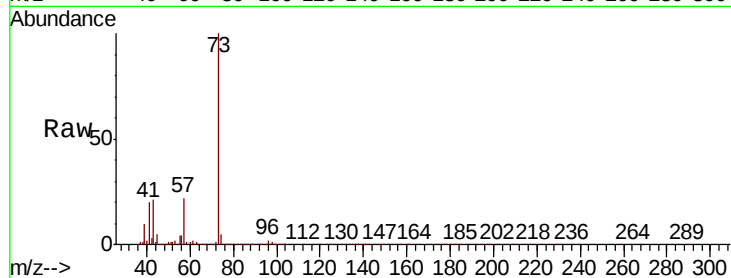
VSTDCCC050

Tgt Ion: 73 Resp: 878773

Ion Ratio Lower Upper

73 100

57 21.4 16.8 25.2



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

400000

300000

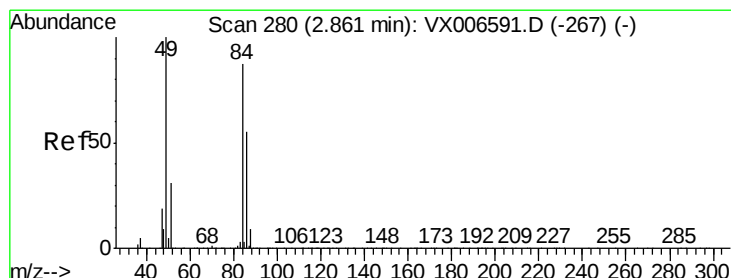
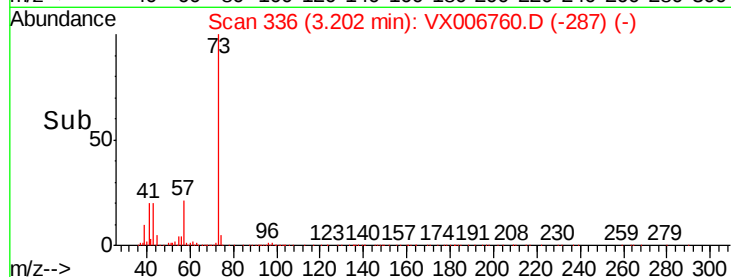
200000

100000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 48.800 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Tgt Ion: 84 Resp: 281686

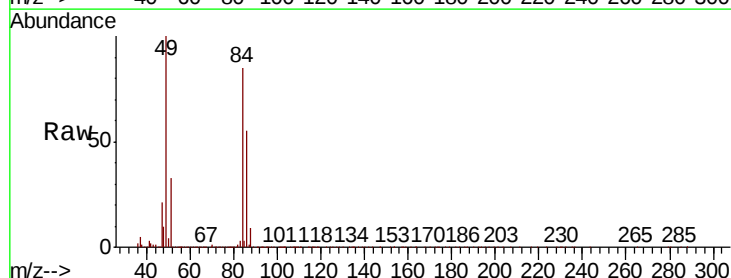
Ion Ratio Lower Upper

84 100

49 117.8 91.8 137.6

51 38.3 28.5 42.7

86 64.3 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

250000

200000

150000

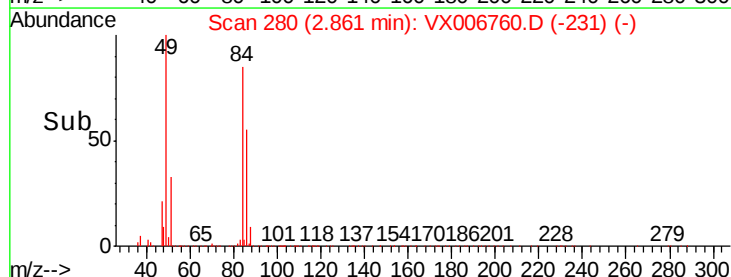
100000

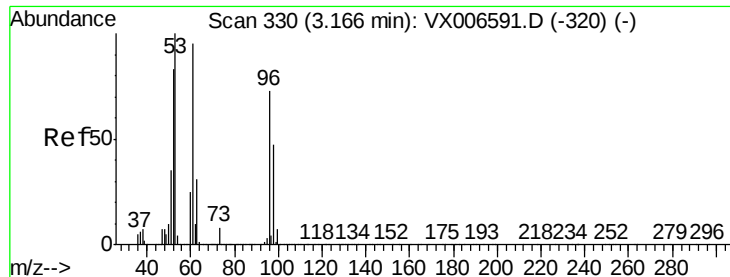
50000

0

Time-->

2.80 2.90 3.00





#21

trans-1,2-Dichloroethene

Concen: 47.316 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

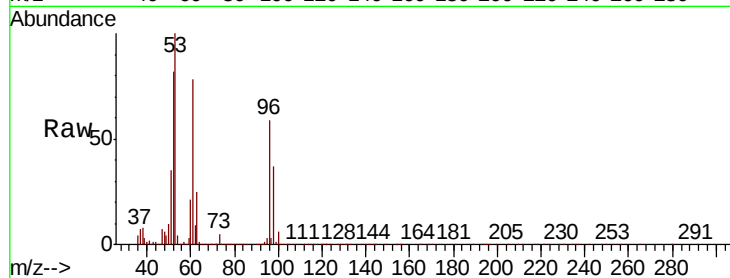
Tgt Ion: 96 Resp: 264072

Ion Ratio Lower Upper

96 100

61 132.5 103.7 155.5

98 63.6 51.0 76.6

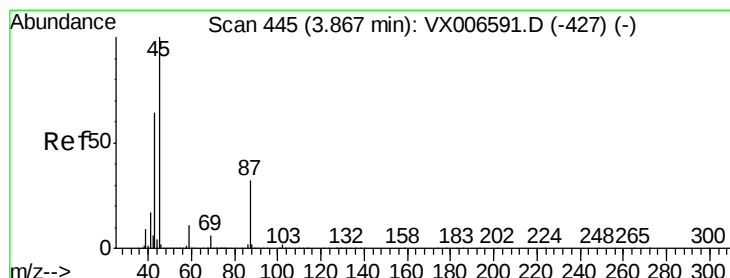
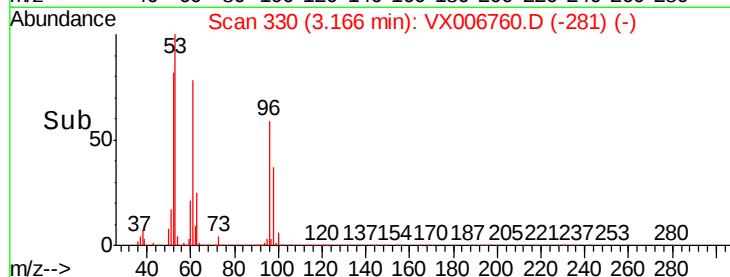
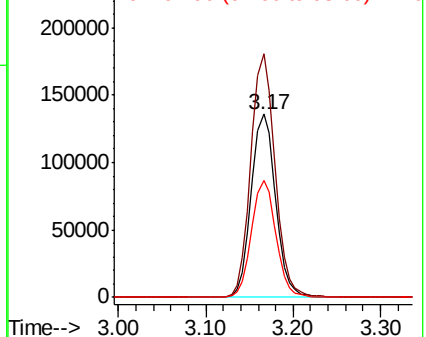


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.801 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Tgt Ion: 45 Resp: 818990

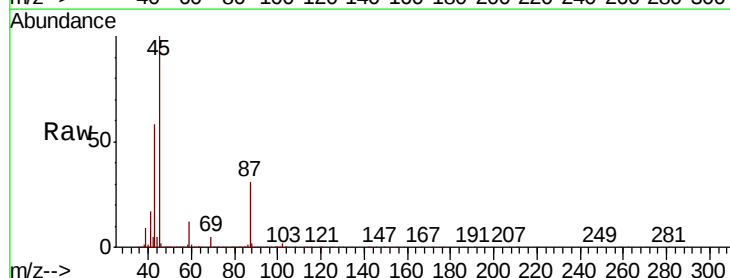
Ion Ratio Lower Upper

45 100

43 57.5 51.2 76.8

87 30.9 25.8 38.6

59 12.1 9.0 13.4



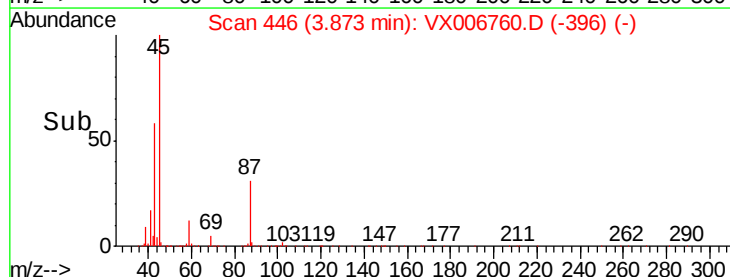
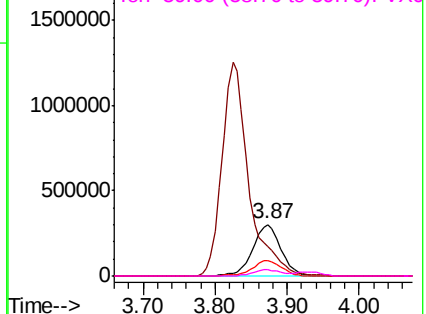
Abundance

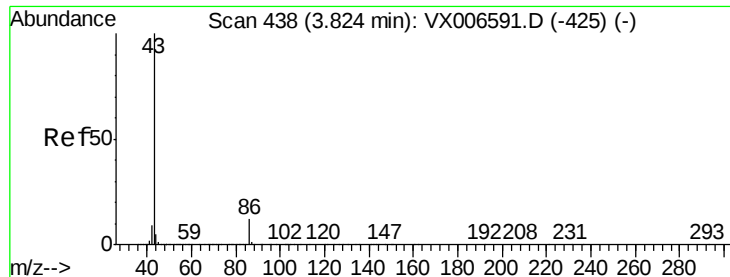
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 257.467 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

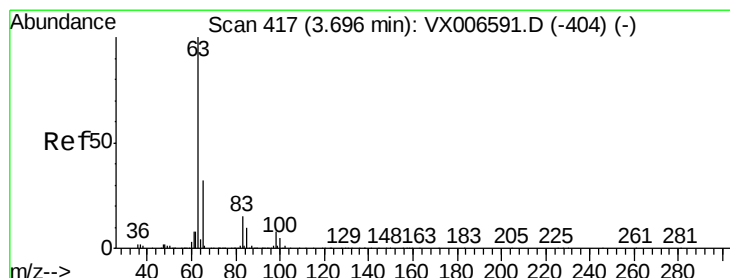
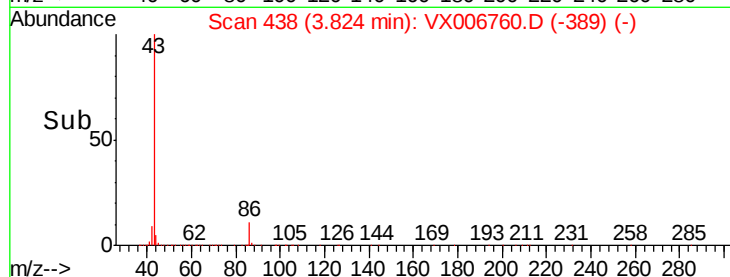
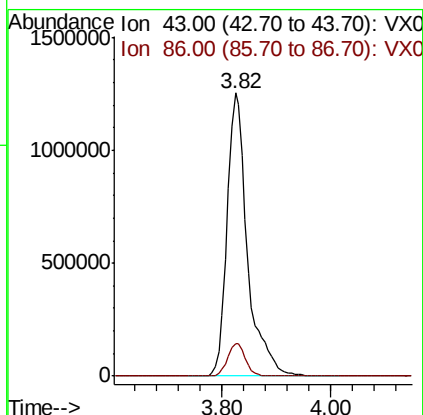
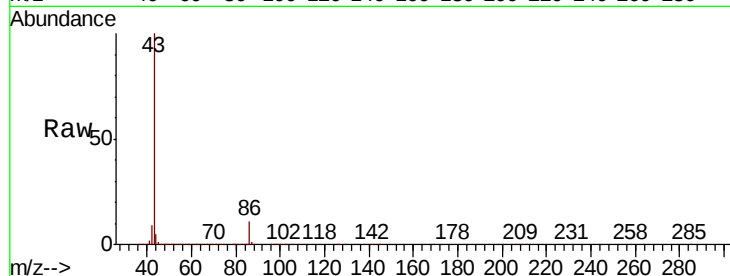
VSTDCCC050

Tgt Ion: 43 Resp: 3266590

Ion Ratio Lower Upper

43 100

86 11.3 9.2 13.8



#24

1,1-Dichloroethane

Concen: 48.650 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

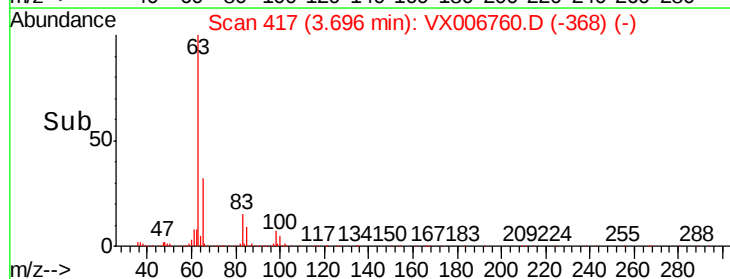
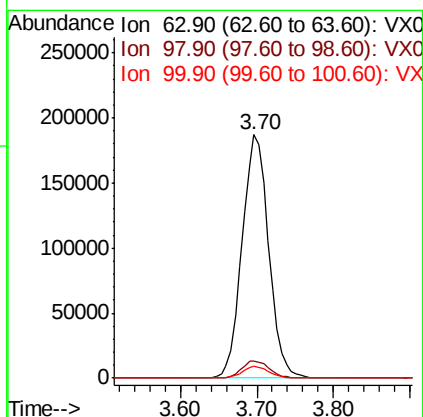
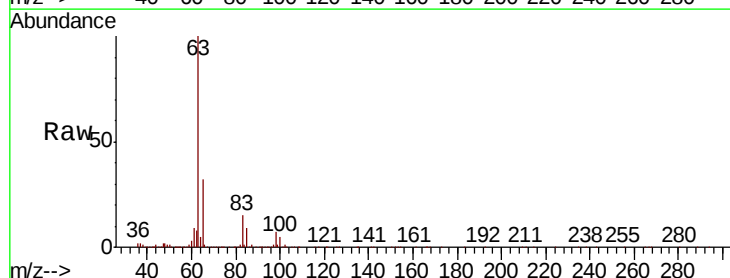
Tgt Ion: 63 Resp: 450462

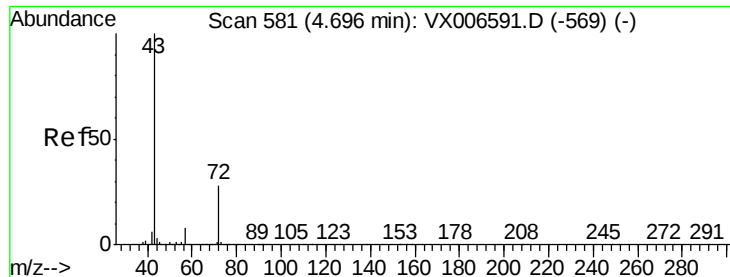
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 256.990 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

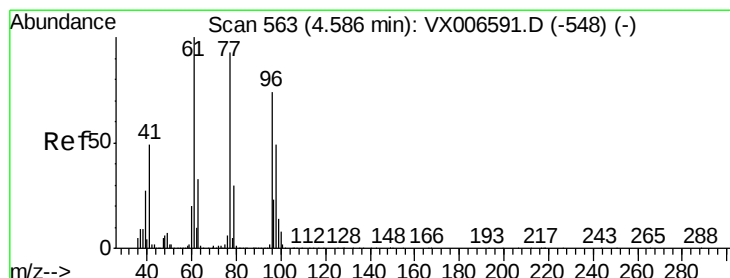
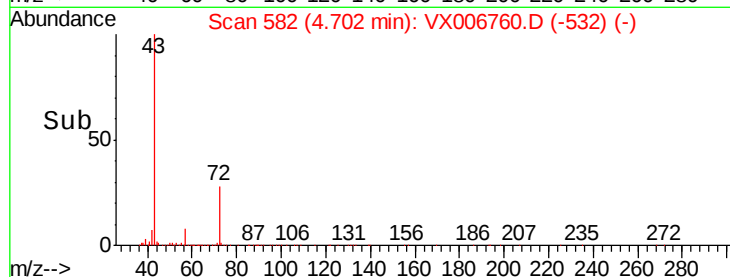
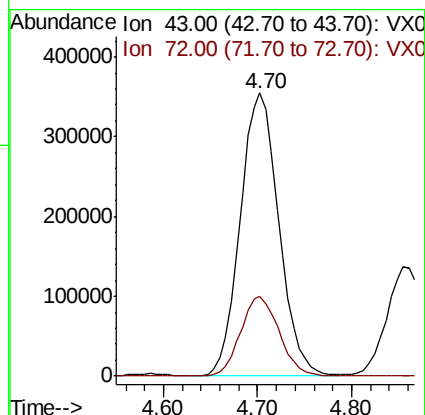
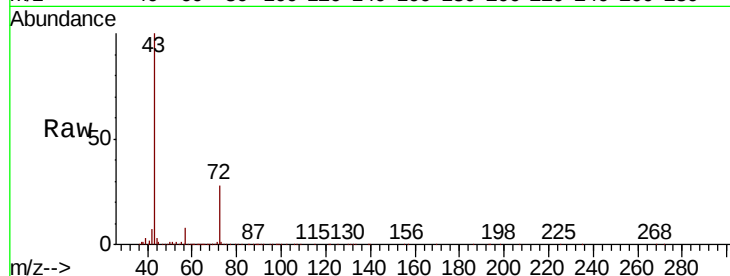
VSTDCCC050

Tgt Ion: 43 Resp: 1009085

Ion Ratio Lower Upper

43 100

72 28.4 22.4 33.6



#26

2,2-Dichloropropane

Concen: 23.930 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006760.D

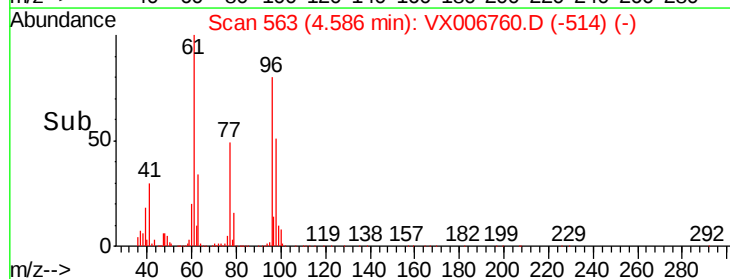
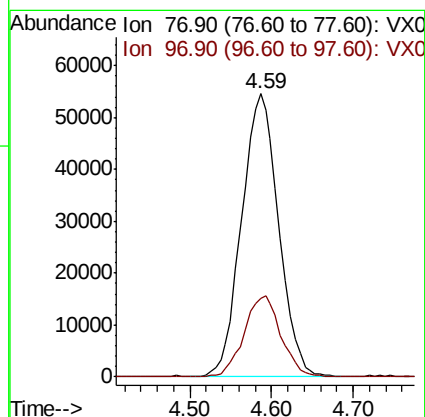
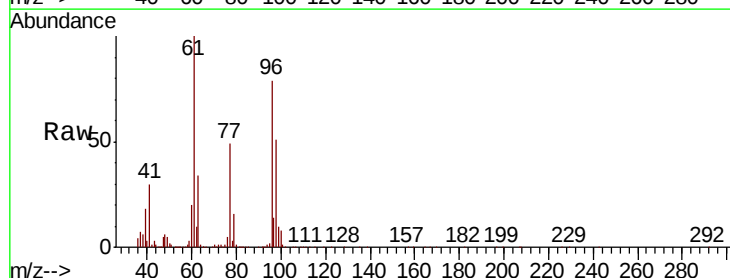
Acq: 22 Dec 2018 08:25

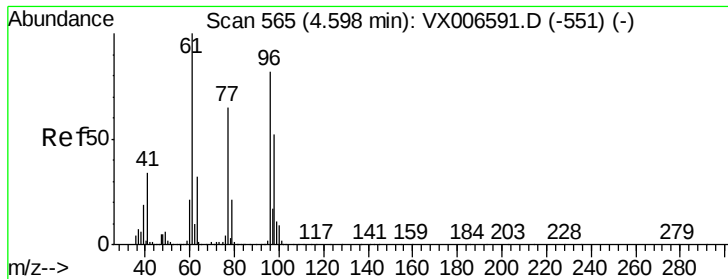
Tgt Ion: 77 Resp: 171157

Ion Ratio Lower Upper

77 100

97 28.8 12.4 37.4



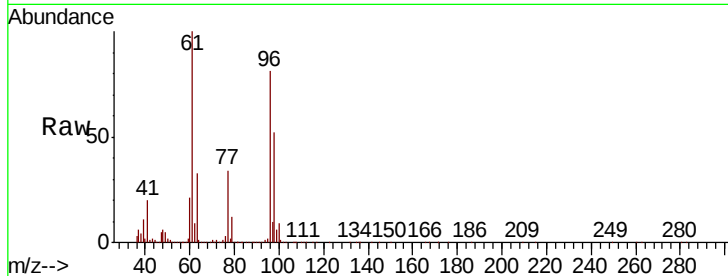


#27

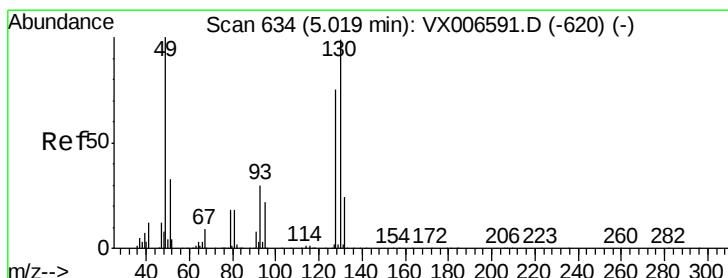
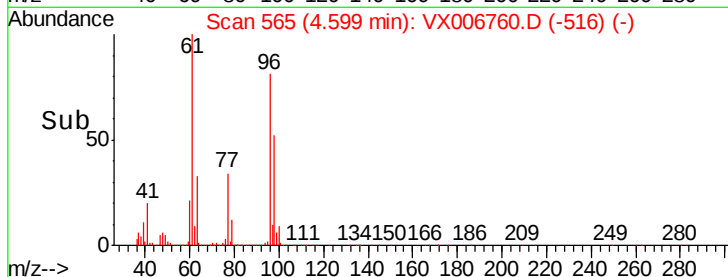
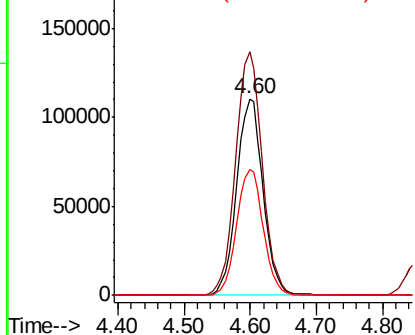
cis-1,2-Dichloroethene
Concen: 49.579 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 305290
Ion Ratio Lower Upper
96 100
61 124.9 0.0 258.6
98 65.0 0.0 132.0



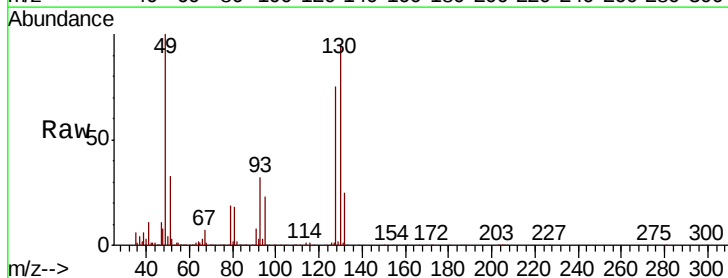
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



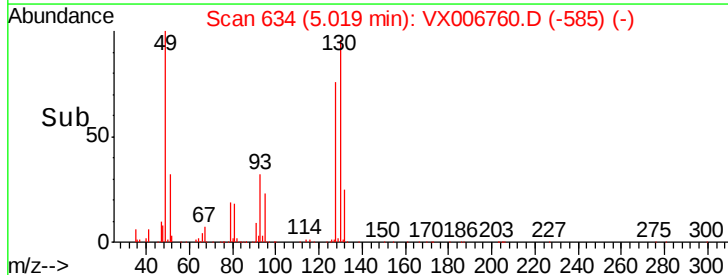
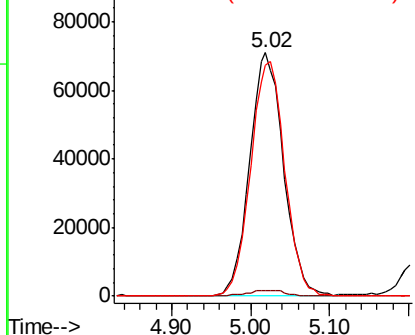
#28

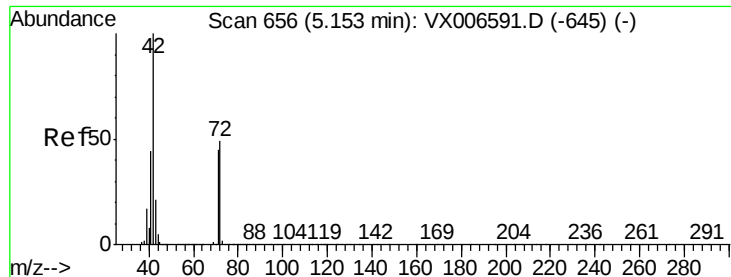
Bromochloromethane
Concen: 54.262 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion: 49 Resp: 211180
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.4
130 97.4 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

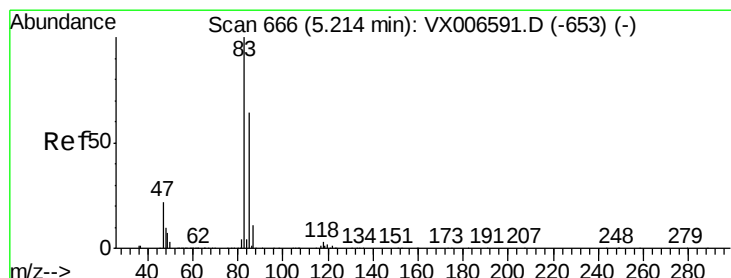
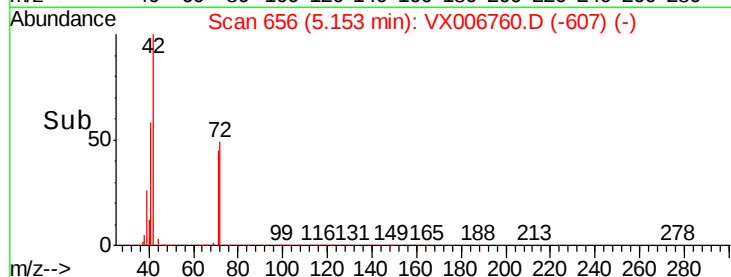
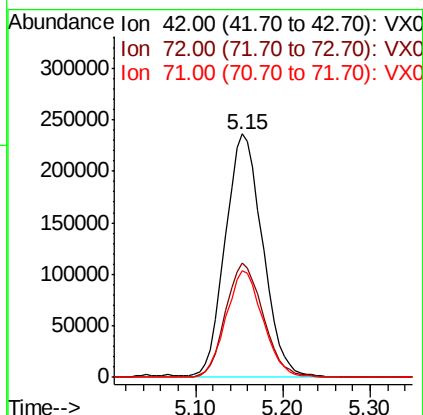
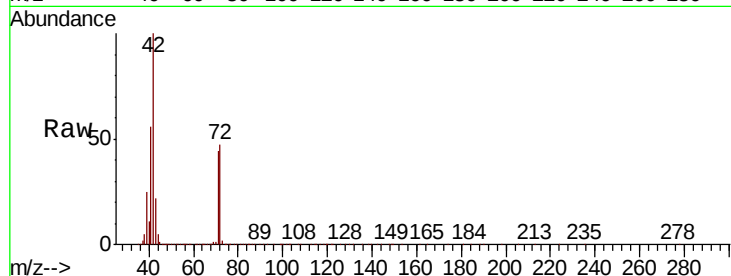




#29
Tetrahydrofuran
Concen: 270.283 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

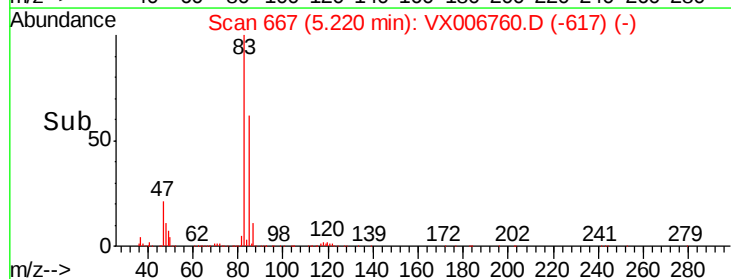
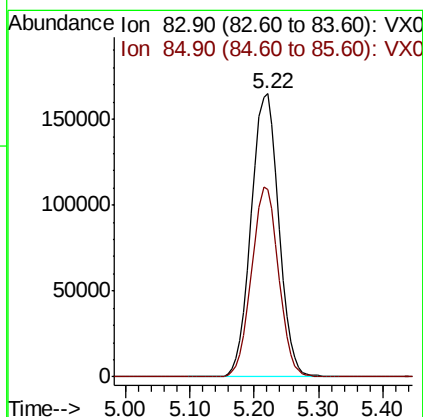
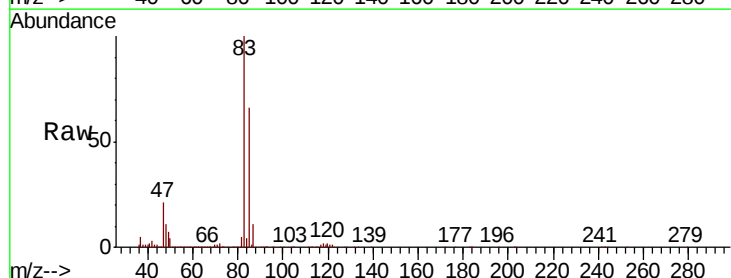
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

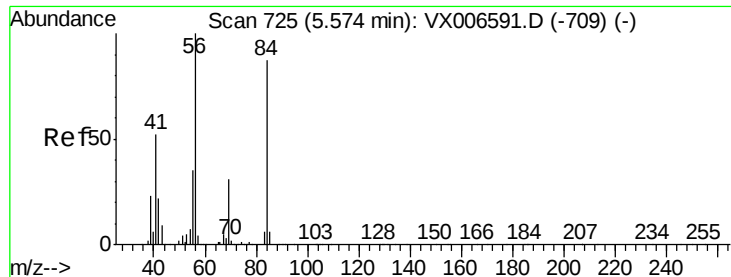
Tgt Ion: 42 Resp: 698996
Ion Ratio Lower Upper
42 100
72 47.6 38.9 58.3
71 43.6 36.2 54.4



#30
Chloroform
Concen: 50.607 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion: 83 Resp: 485240
Ion Ratio Lower Upper
83 100
85 66.2 51.2 76.8

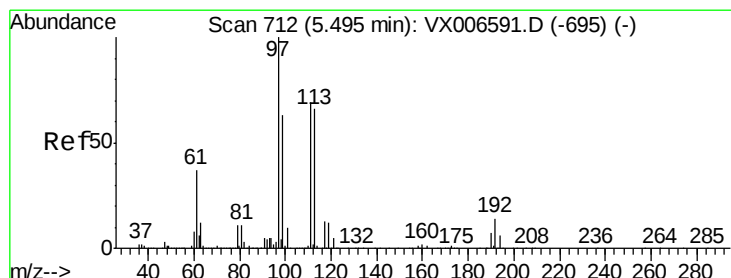
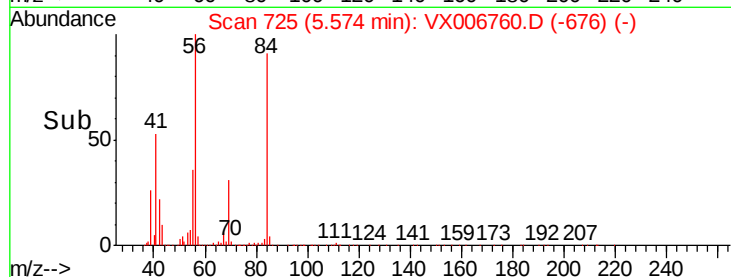
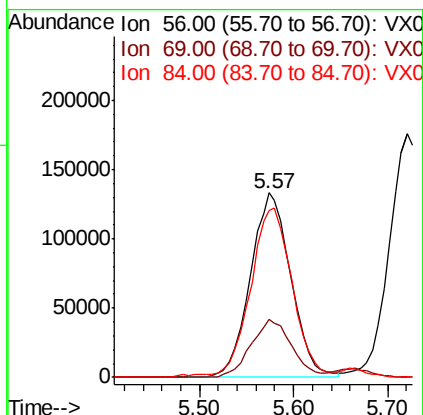
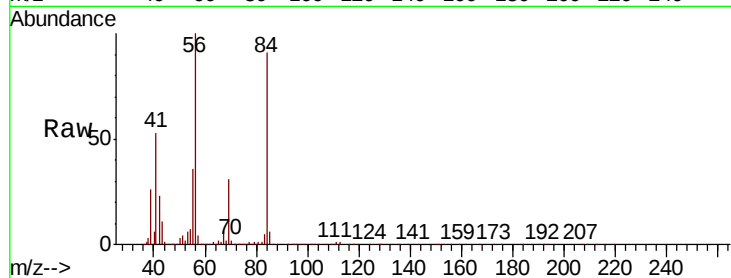




#31
Cyclohexane
Concen: 47.690 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

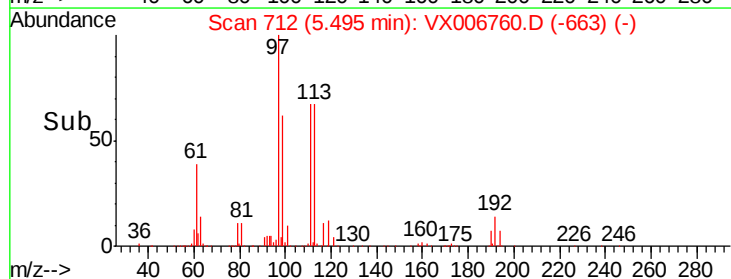
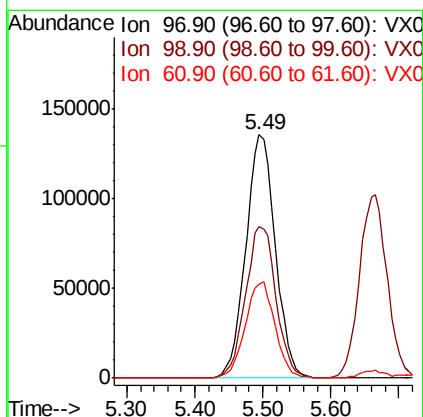
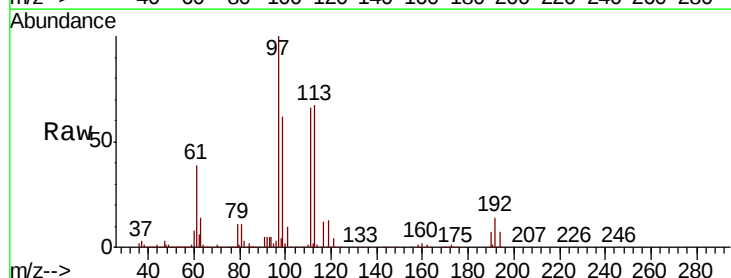
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

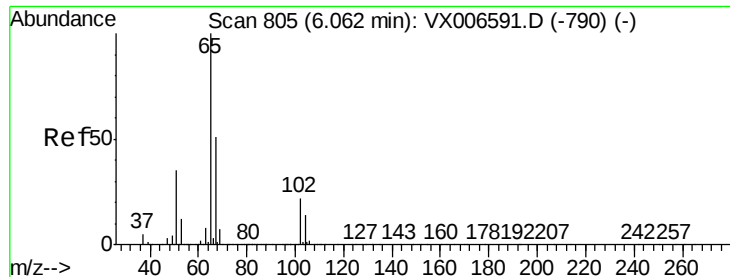
Tgt Ion: 56 Resp: 401162
Ion Ratio Lower Upper
56 100
69 31.4 24.4 36.6
84 89.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.623 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion: 97 Resp: 409864
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 39.7 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 51.400 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

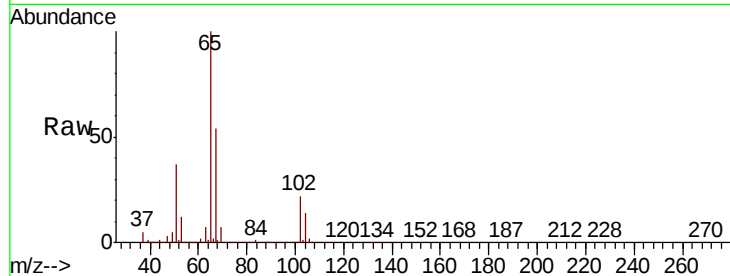
VSTDCCC050

Tgt Ion: 65 Resp: 312305

Ion Ratio Lower Upper

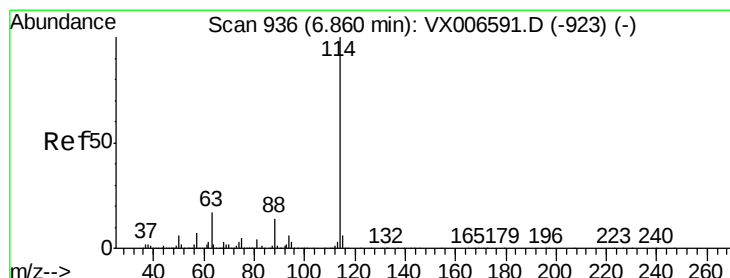
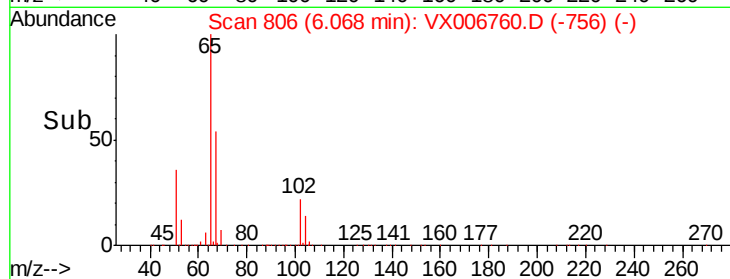
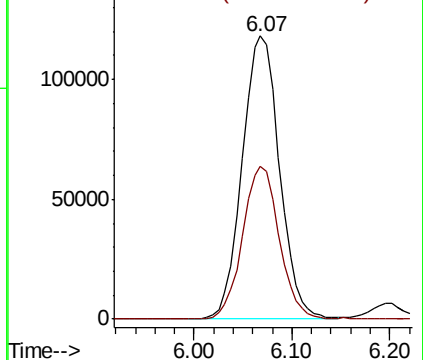
65 100

67 52.9 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: VX006760.D

Acq: 22 Dec 2018 08:25

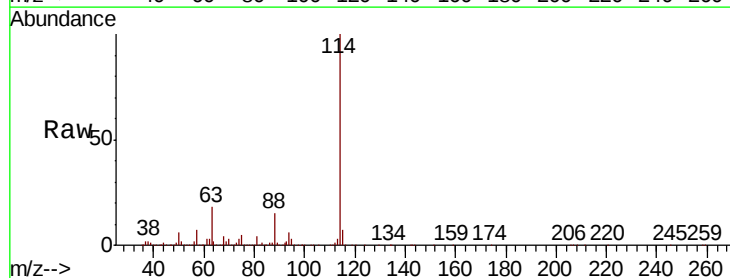
Tgt Ion: 114 Resp: 885194

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

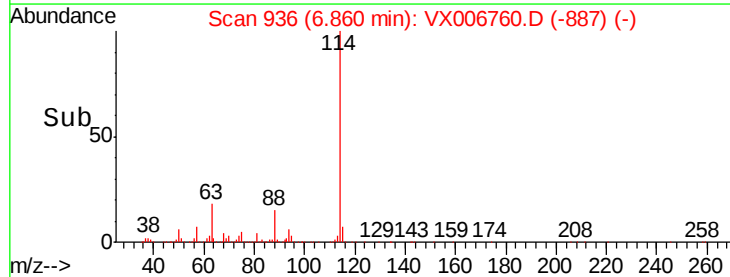
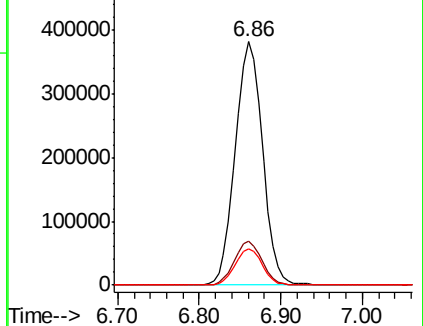
88 14.7 0.0 28.8

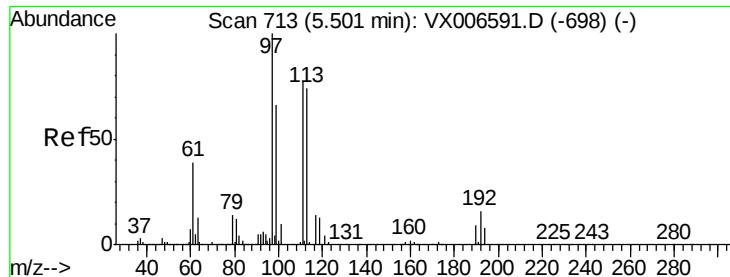


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.270 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

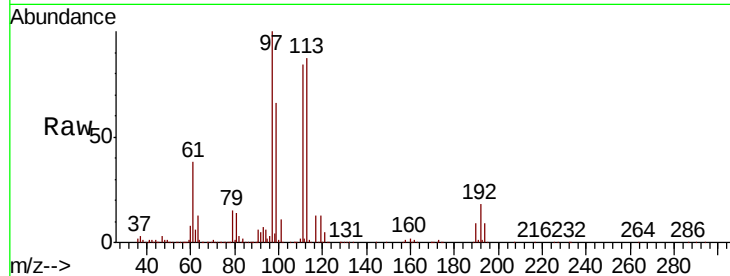
Tgt Ion:113 Resp: 286999

Ion Ratio Lower Upper

113 100

111 100.6 81.6 122.4

192 21.5 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

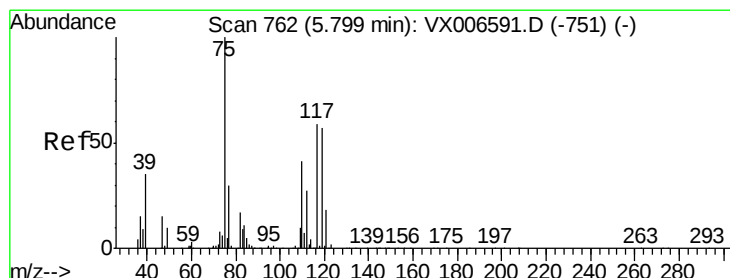
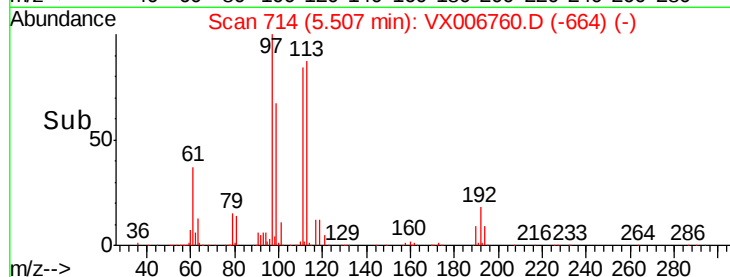
100000

50000

0

5.51

Time-->



#36

1,1-Dichloropropene

Concen: 48.133 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

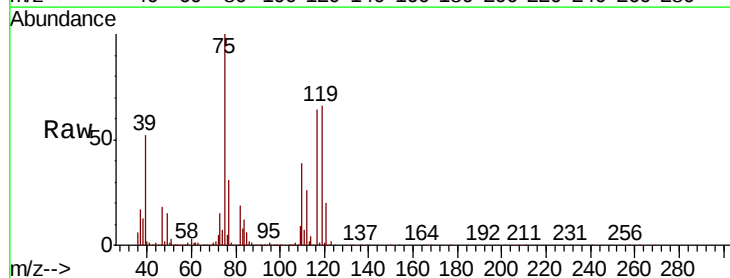
Tgt Ion: 75 Resp: 352882

Ion Ratio Lower Upper

75 100

110 40.2 20.2 60.5

77 31.1 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

150000

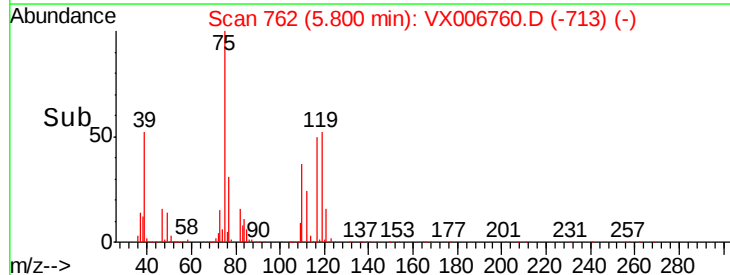
100000

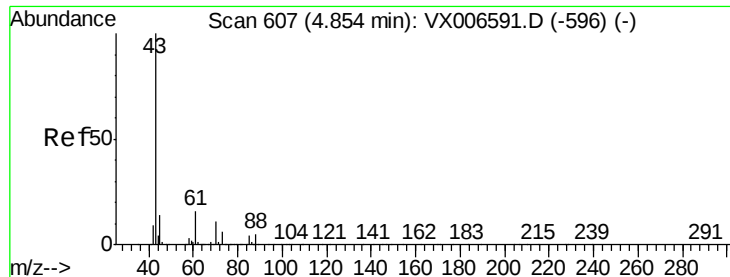
50000

0

5.80

Time-->

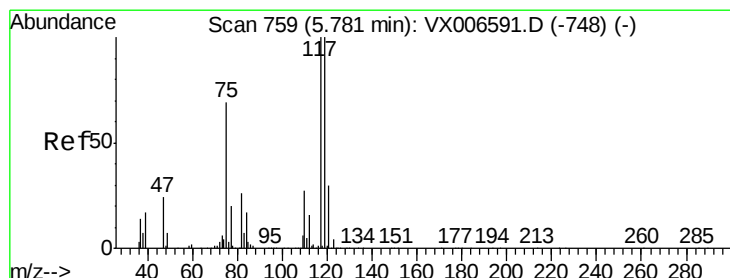
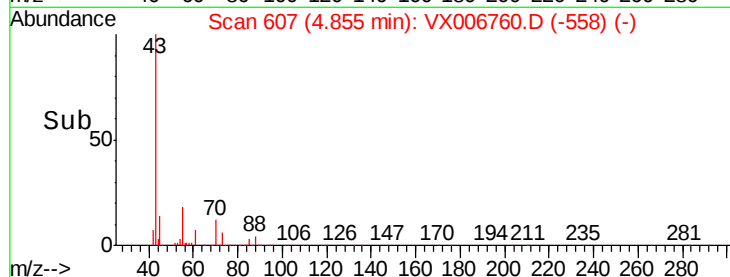
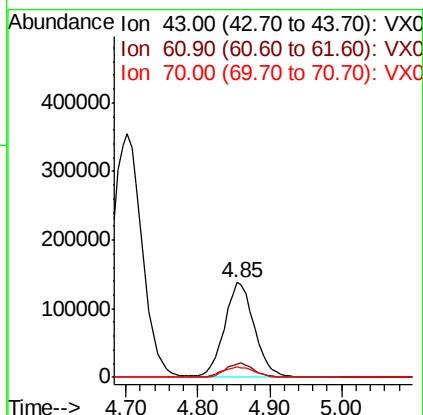
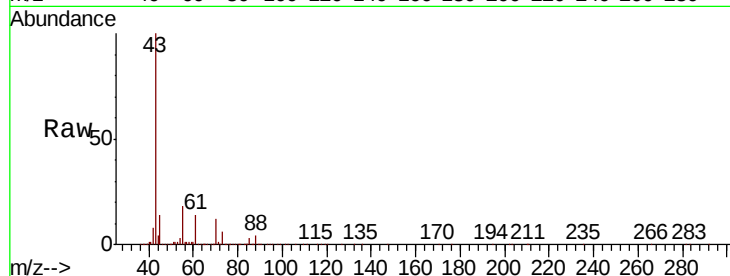




#37
 Ethyl Acetate
 Concen: 51.868 ug/l
 RT: 4.85 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

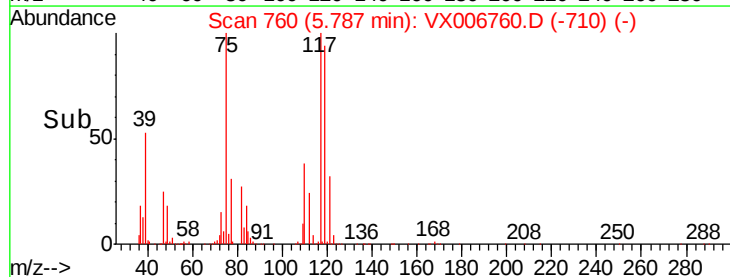
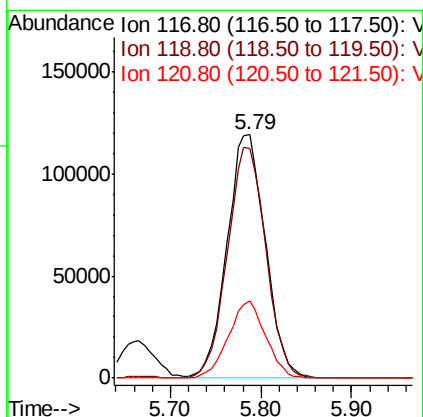
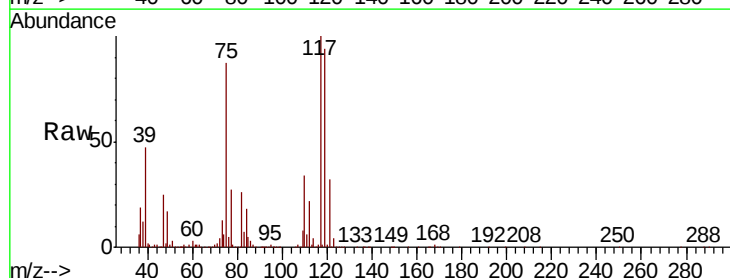
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

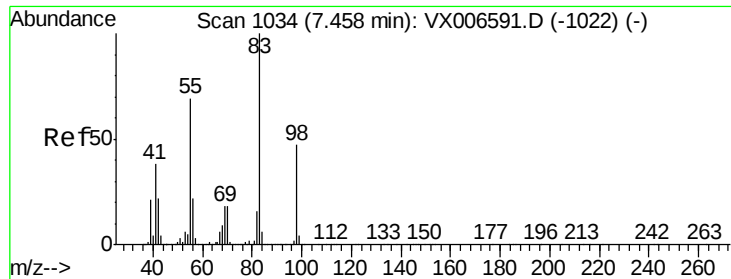
Tgt Ion: 43 Resp: 395793
 Ion Ratio Lower Upper
 43 100
 61 14.9 11.9 17.9
 70 11.4 9.7 14.5



#38
 Carbon Tetrachloride
 Concen: 48.906 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. 0.01 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

Tgt Ion: 117 Resp: 348455
 Ion Ratio Lower Upper
 117 100
 119 94.3 79.4 119.2
 121 32.0 24.0 36.0

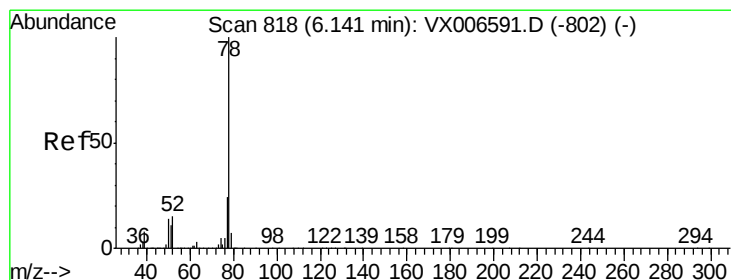
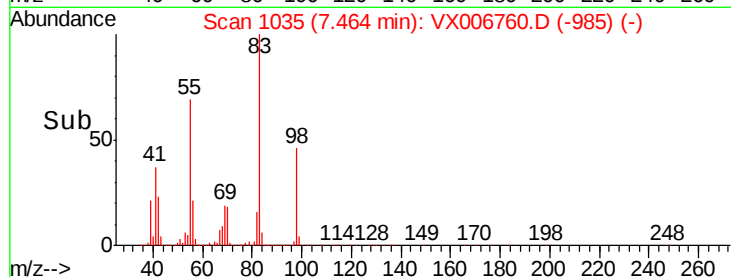
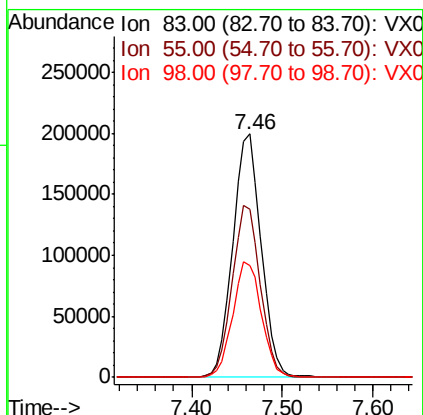
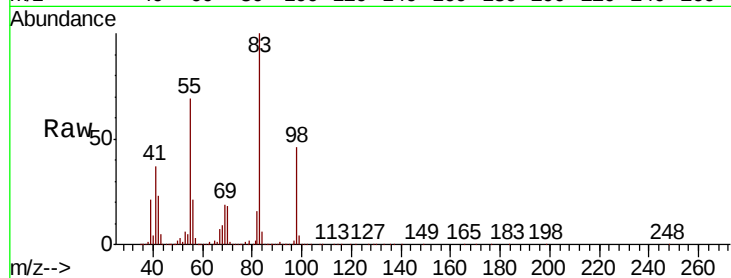




#39
Methylcyclohexane
Concen: 44.973 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

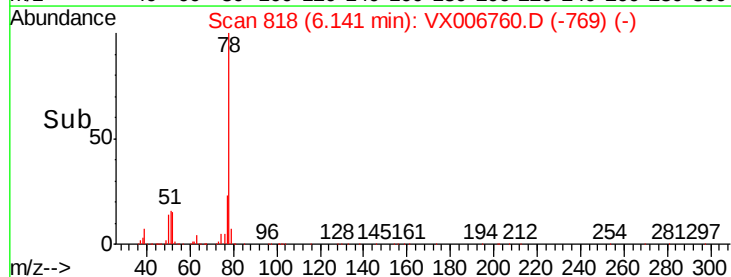
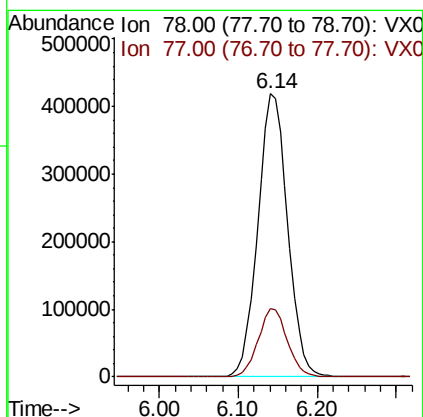
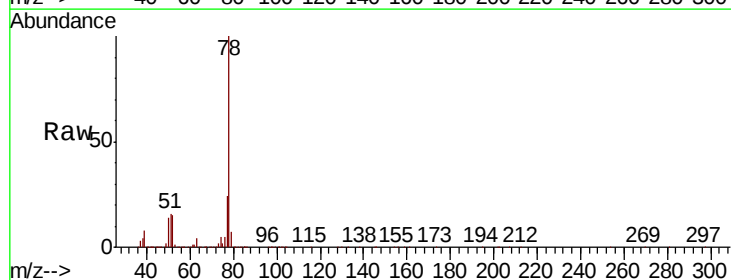
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

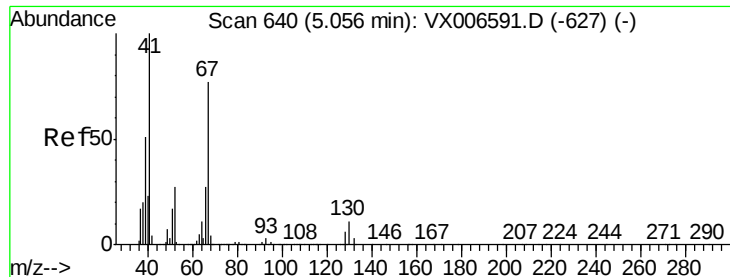
Tgt Ion: 83 Resp: 434078
Ion Ratio Lower Upper
83 100
55 69.1 54.9 82.3
98 45.7 37.9 56.9



#40
Benzene
Concen: 49.177 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion: 78 Resp: 1095914
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8





#41

Methacrylonitrile

Concen: 53.993 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 218741

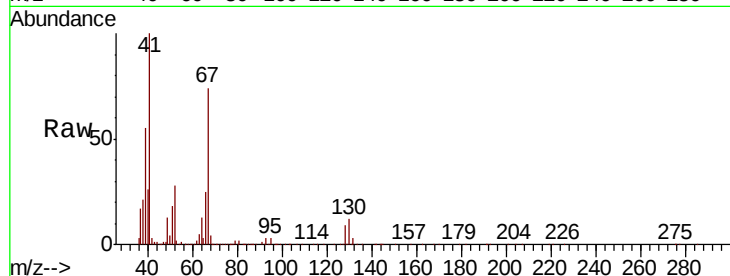
Ion Ratio Lower Upper

41 100

39 54.4 42.8 64.2

67 76.9 62.1 93.1

52 29.1 23.4 35.0

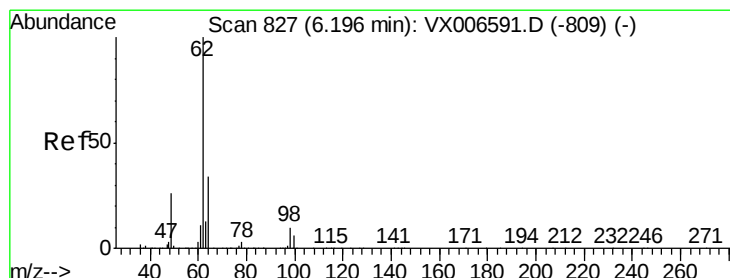
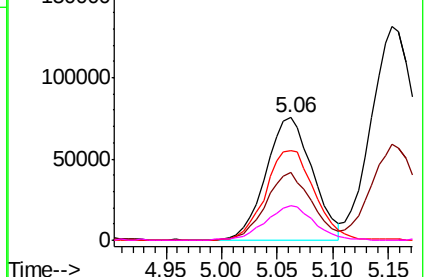
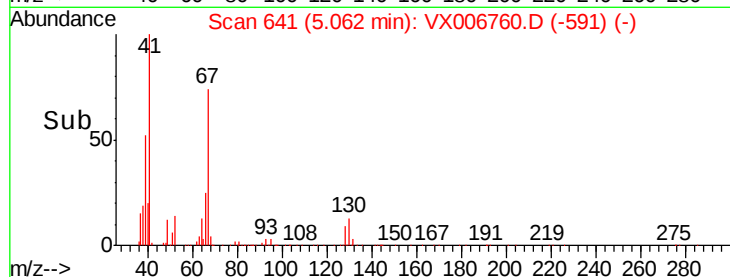


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.866 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX006760.D

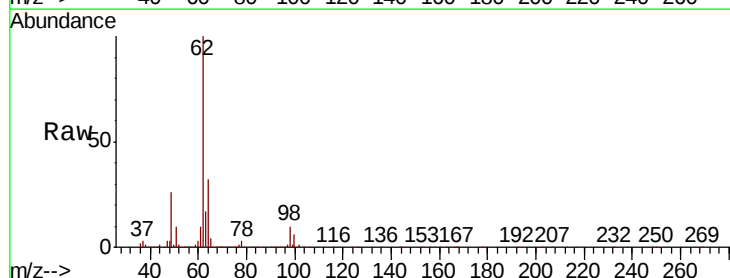
Acq: 22 Dec 2018 08:25

Tgt Ion: 62 Resp: 371078

Ion Ratio Lower Upper

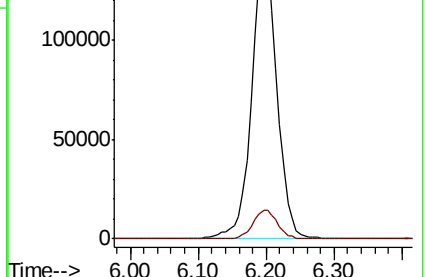
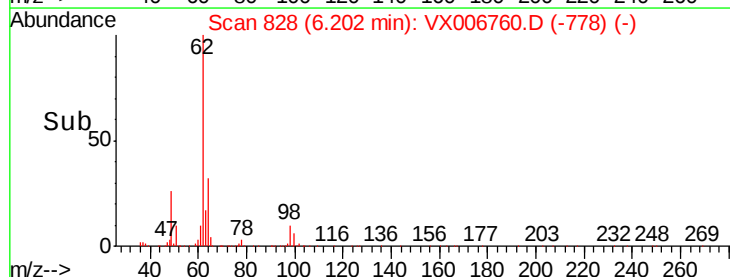
62 100

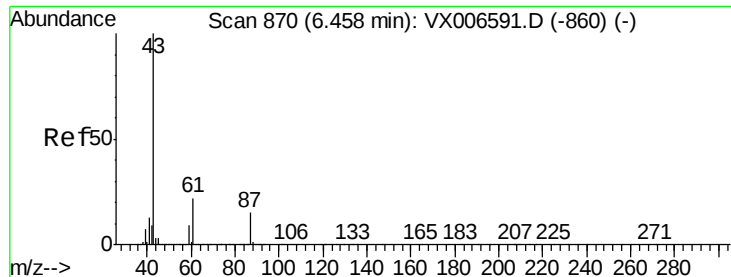
98 9.9 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.332 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

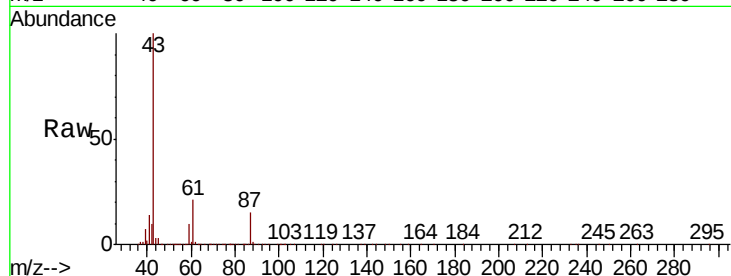
Tgt Ion: 43 Resp: 607600

Ion Ratio Lower Upper

43 100

61 20.8 16.8 25.2

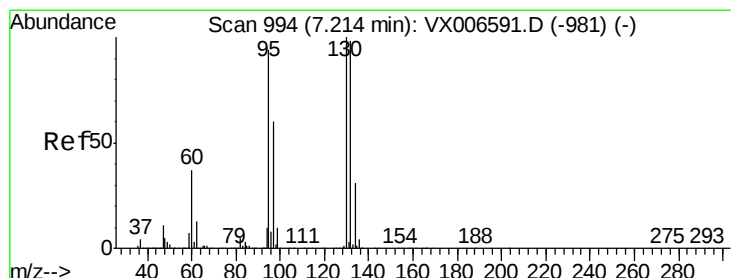
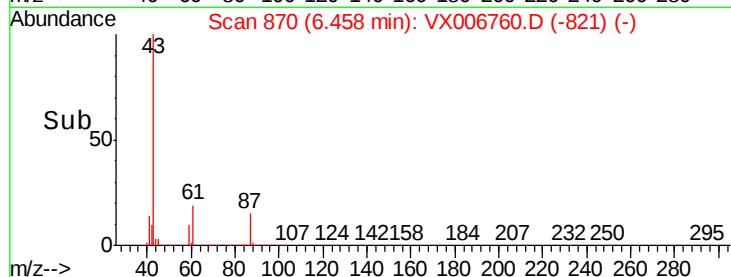
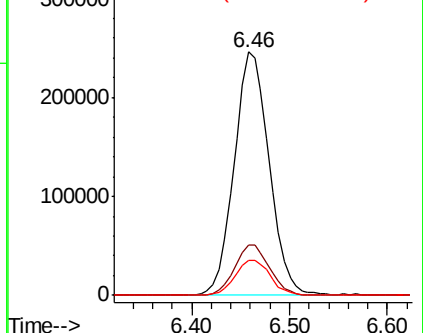
87 14.8 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.454 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006760.D

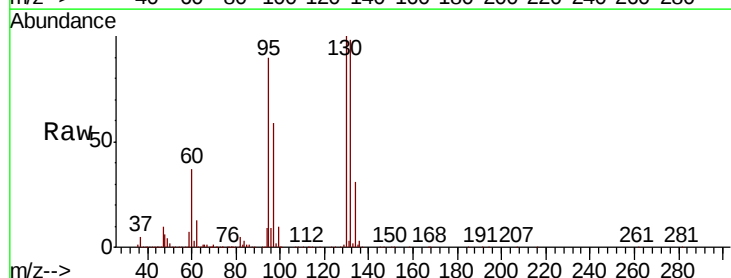
Acq: 22 Dec 2018 08:25

Tgt Ion: 130 Resp: 320078

Ion Ratio Lower Upper

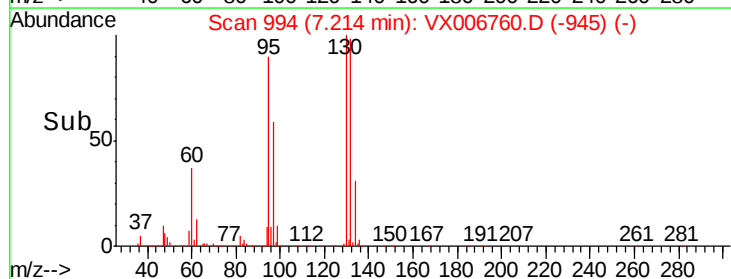
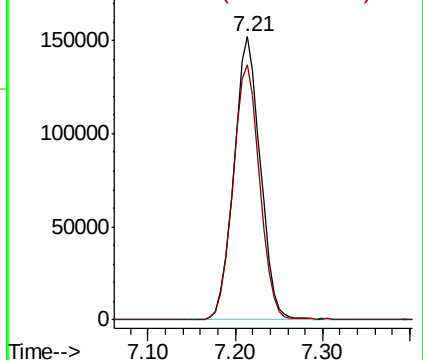
130 100

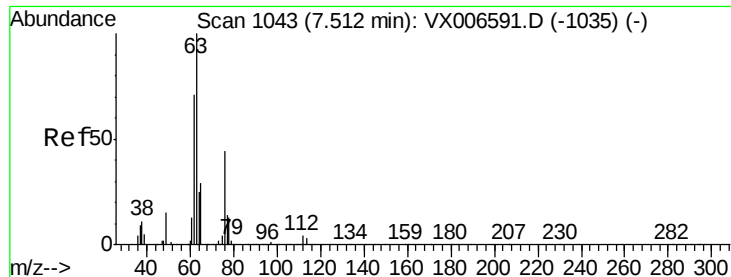
95 90.1 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.683 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

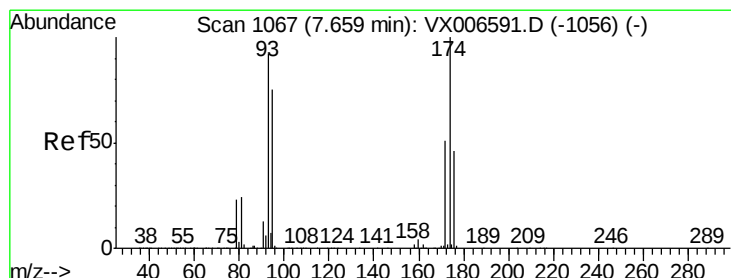
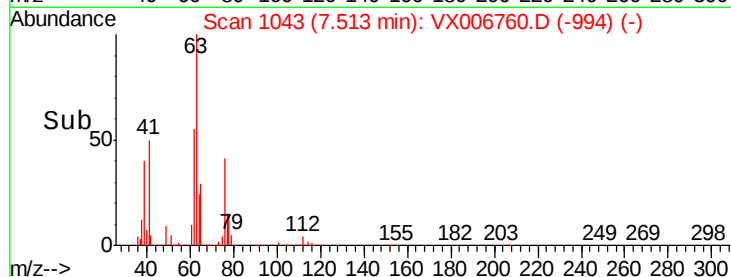
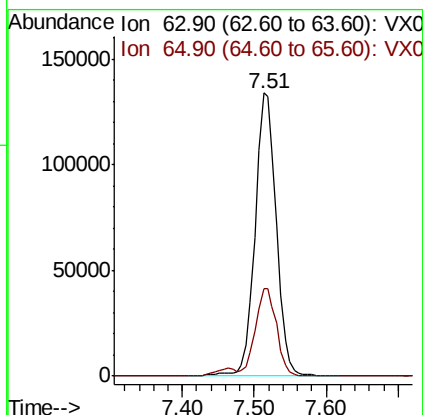
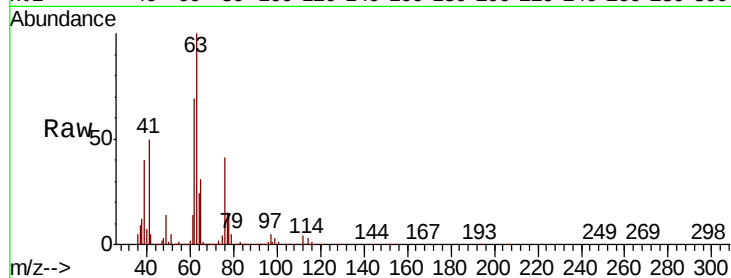
VSTDCCC050

Tgt Ion: 63 Resp: 274859

Ion Ratio Lower Upper

63 100

65 30.8 25.4 38.0



#46

Dibromomethane

Concen: 49.931 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

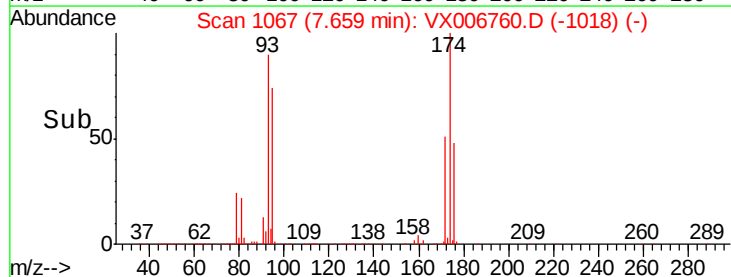
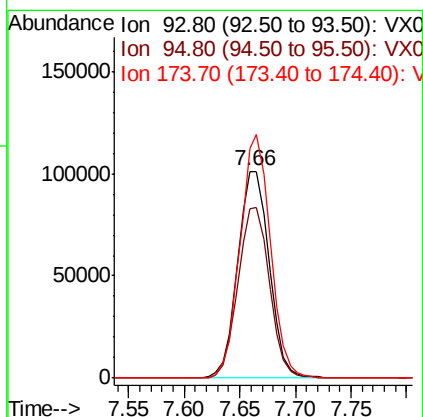
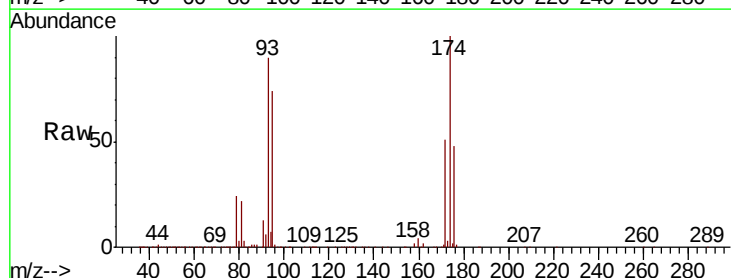
Tgt Ion: 93 Resp: 199172

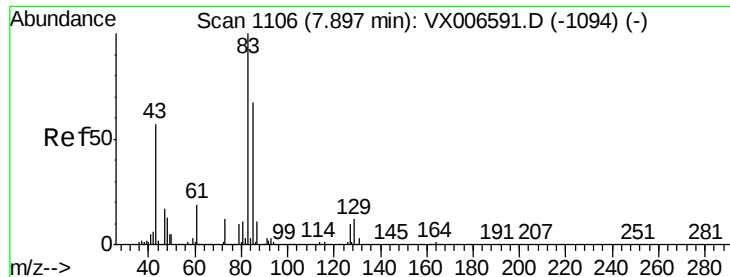
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

174 113.3 91.0 136.4





#47

Bromodichloromethane

Concen: 50.836 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

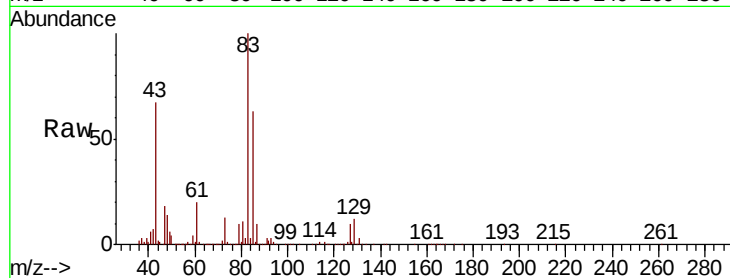
Tgt Ion: 83 Resp: 336664

Ion Ratio Lower Upper

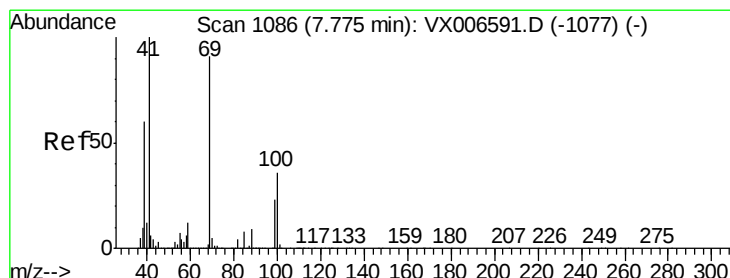
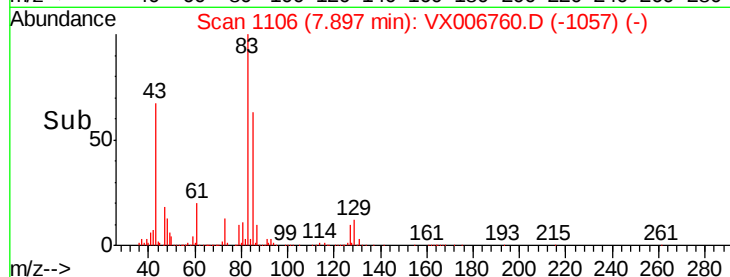
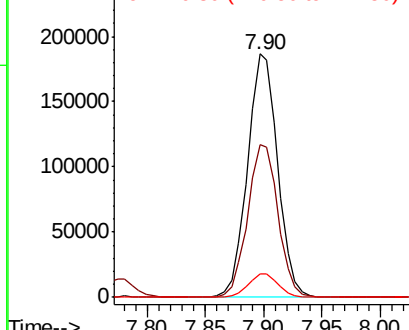
83 100

85 62.7 53.2 79.8

127 9.8 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: 53.737 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

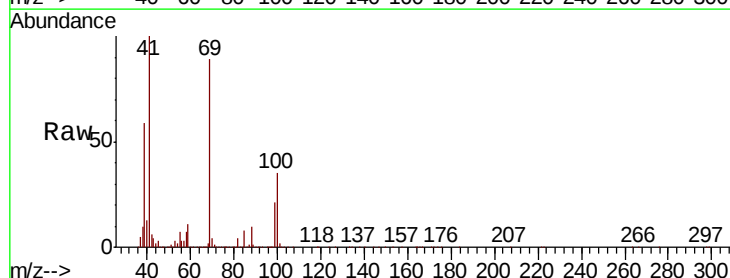
Tgt Ion: 41 Resp: 317277

Ion Ratio Lower Upper

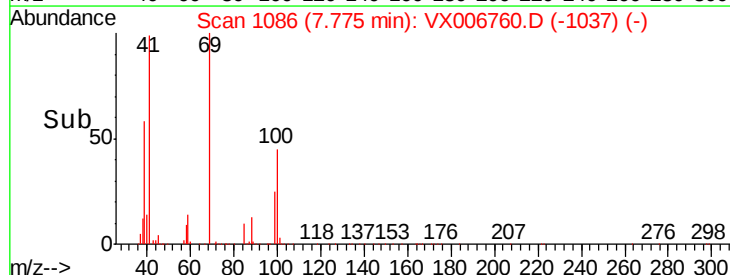
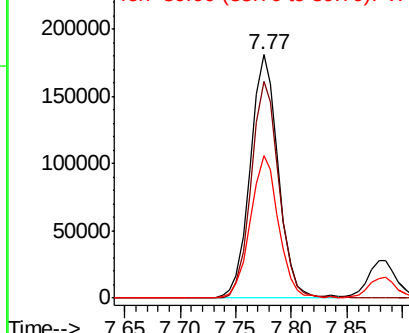
41 100

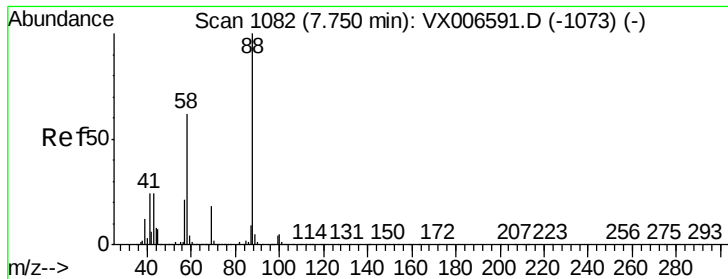
69 88.6 72.4 108.6

39 58.6 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: 1009.275 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

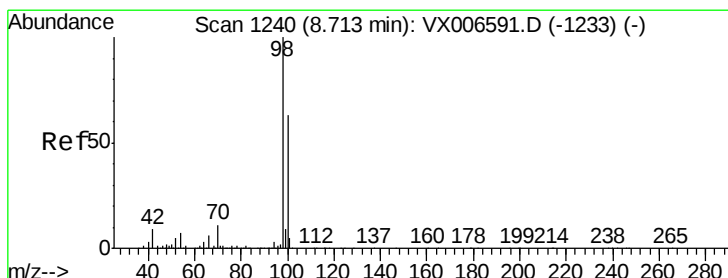
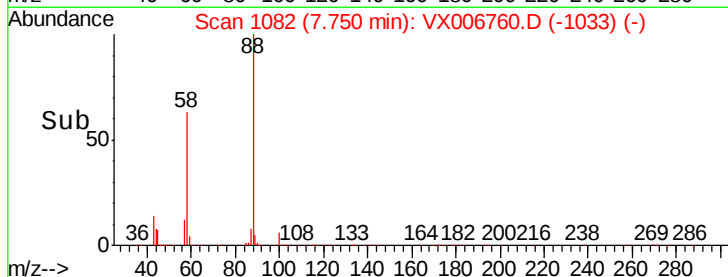
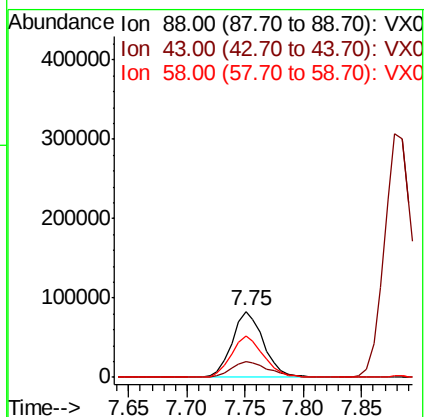
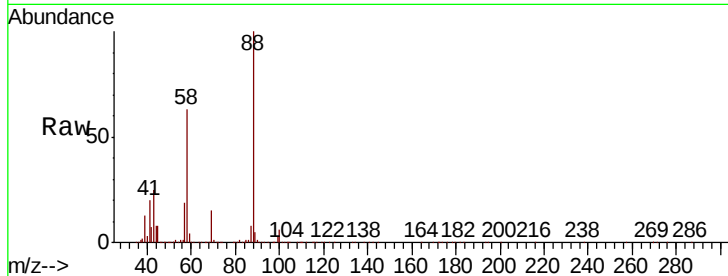
Tgt Ion: 88 Resp: 155886

Ion Ratio Lower Upper

88 100

43 28.5 22.2 33.4

58 65.0 51.0 76.4



#50

Toluene-d8

Concen: 49.590 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006760.D

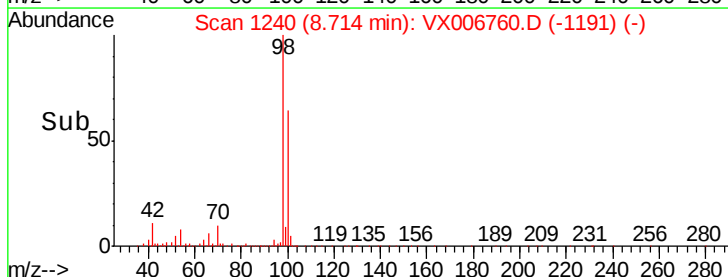
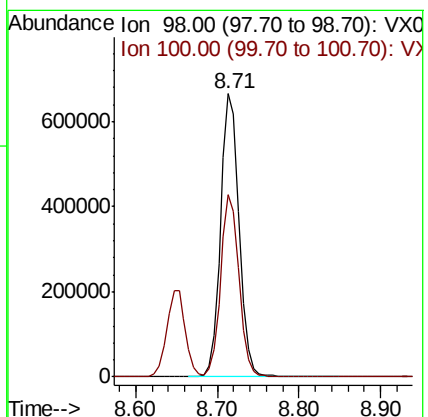
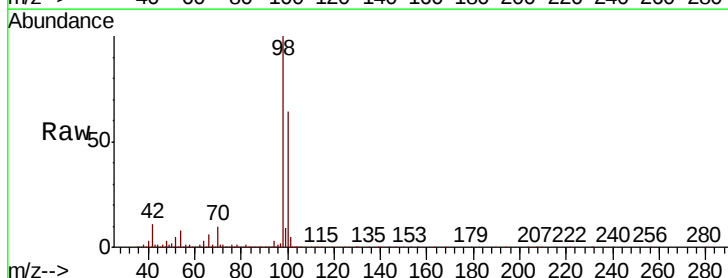
Acq: 22 Dec 2018 08:25

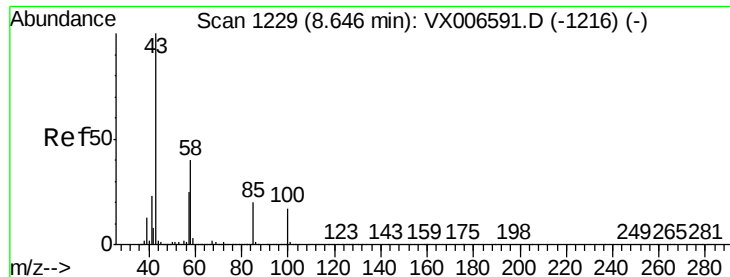
Tgt Ion: 98 Resp: 1046542

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 266.104 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

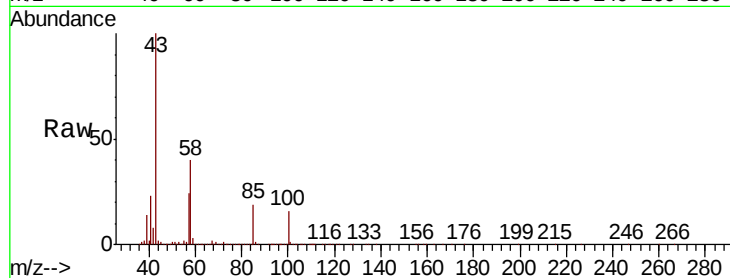
VSTDCCC050

Tgt Ion: 43 Resp: 1965812

Ion Ratio Lower Upper

43 100

58 39.1 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

1500000

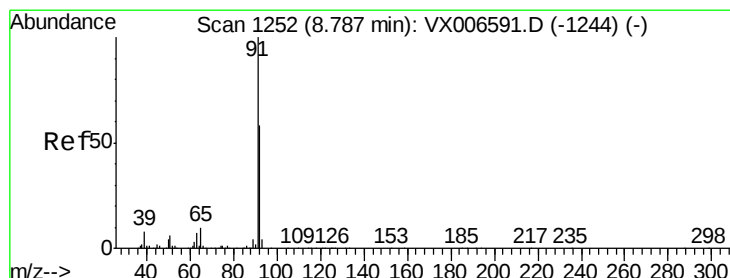
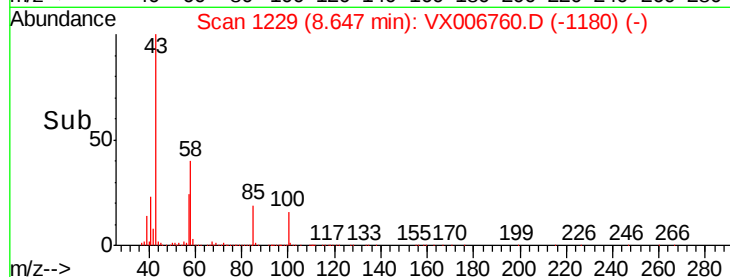
1000000

500000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 48.670 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006760.D

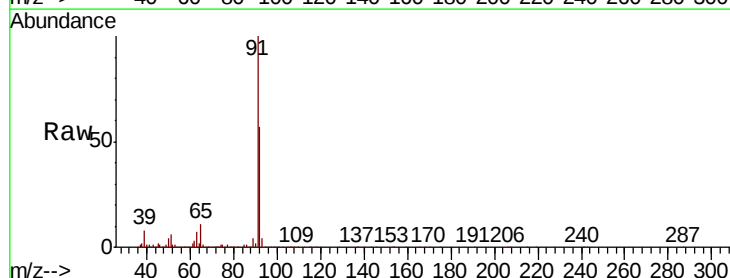
Acq: 22 Dec 2018 08:25

Tgt Ion: 92 Resp: 700706

Ion Ratio Lower Upper

92 100

91 175.7 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

800000

600000

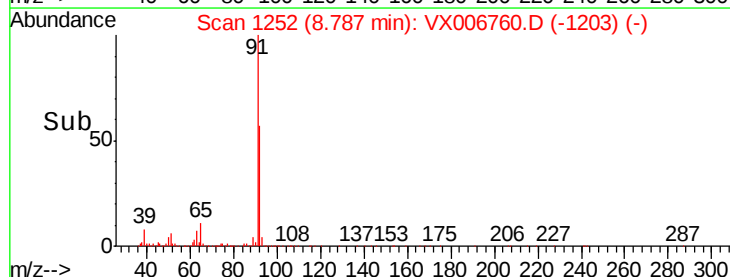
400000

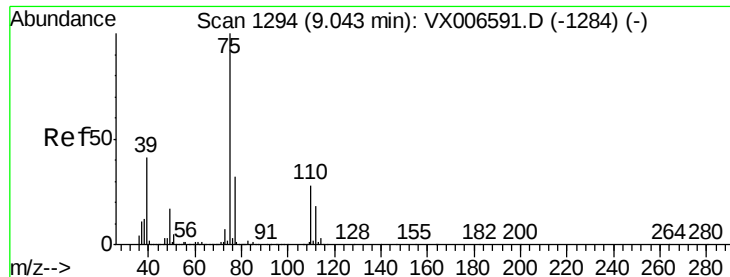
200000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 45.835 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampled :

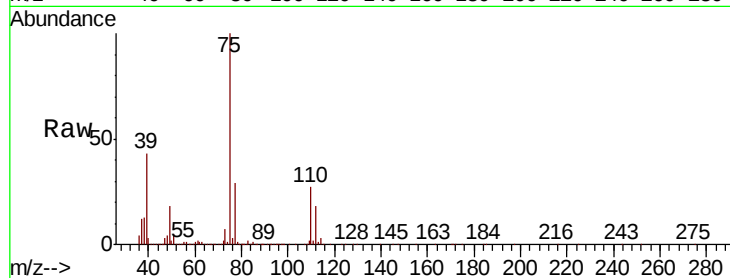
VSTDCCC050

Tgt Ion: 75 Resp: 325548

Ion Ratio Lower Upper

75 100

77 29.3 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

250000

200000

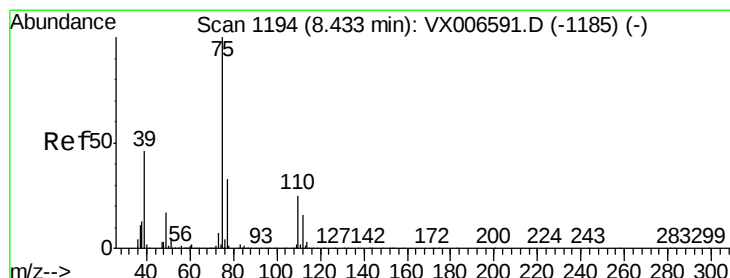
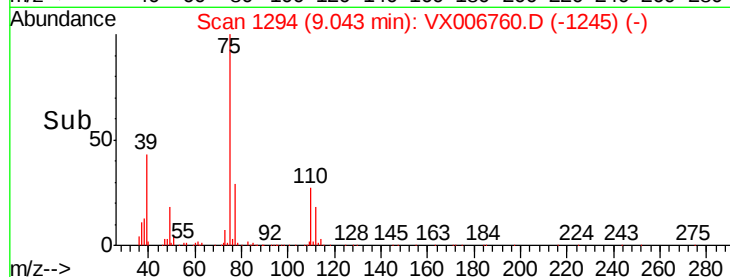
150000

100000

50000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 48.138 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

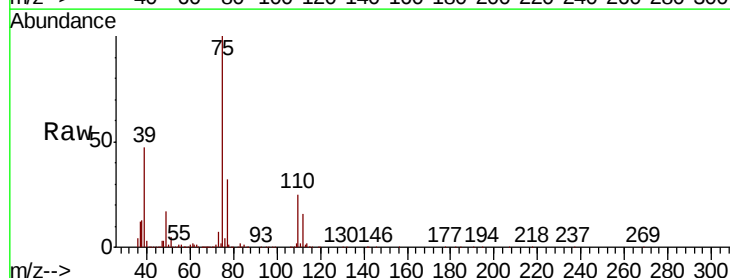
Tgt Ion: 75 Resp: 375157

Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2

39 46.7 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

300000

250000

200000

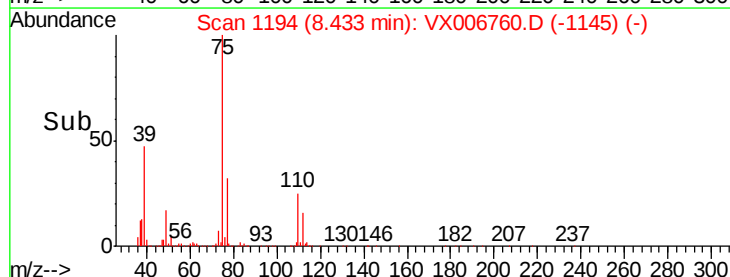
150000

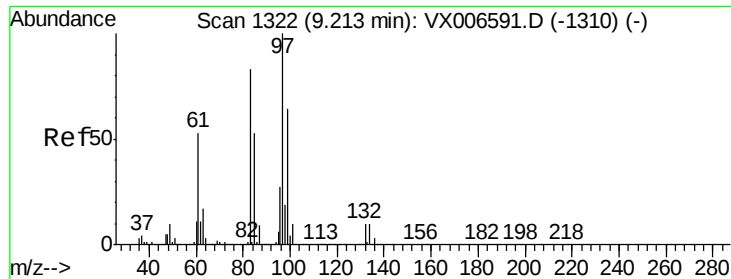
100000

50000

0

Time--> 8.40 8.50

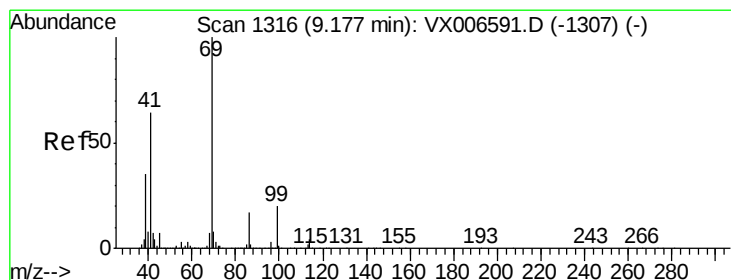
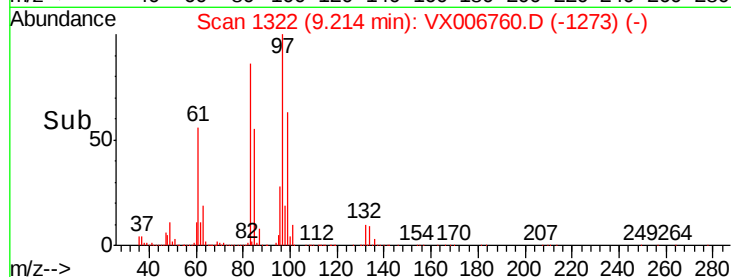
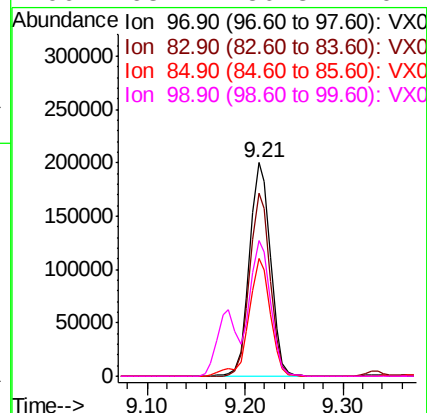
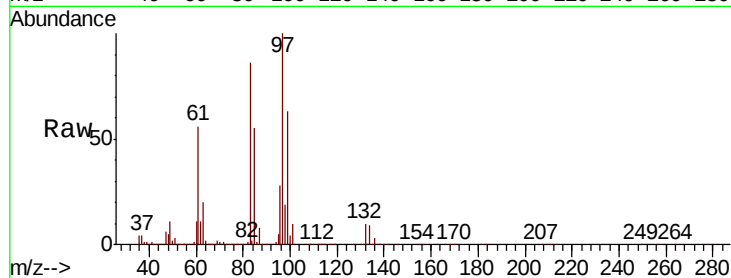




#55
 1,1,2-Trichloroethane
 Concen: 50.766 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

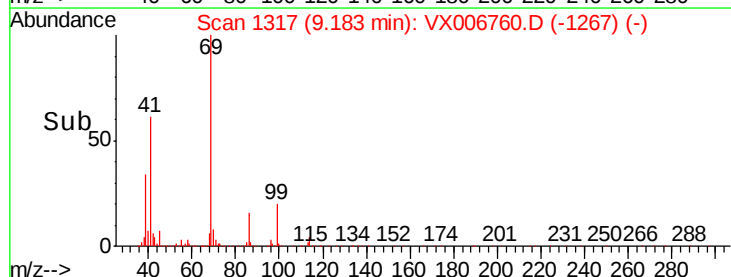
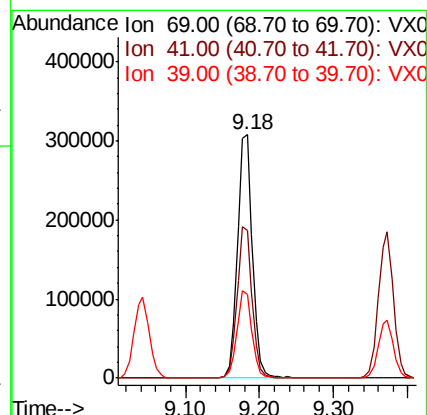
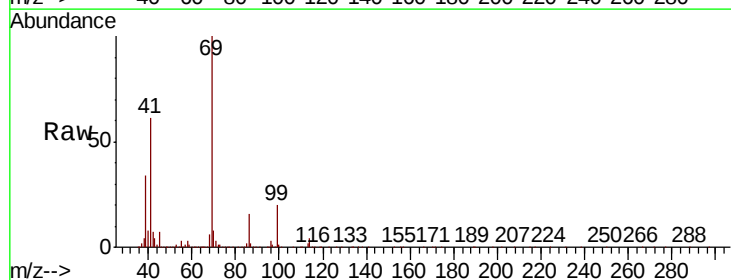
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

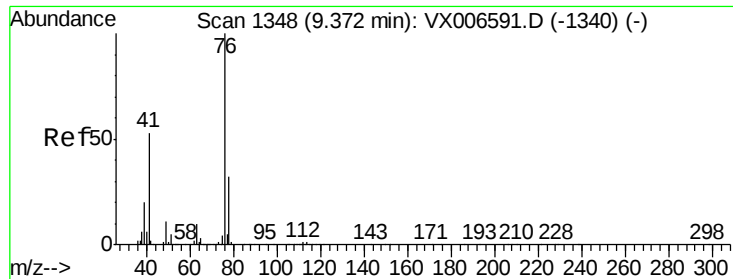
Tgt Ion:	97	Resp:	299164
Ion	Ratio	Lower	Upper
97	100		
83	85.9	66.6	99.8
85	55.0	42.7	64.1
99	63.4	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 52.076 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

Tgt Ion:	69	Resp:	433739
Ion	Ratio	Lower	Upper
69	100		
41	61.9	48.7	73.1
39	35.9	27.0	40.6





#57

1,3-Dichloropropane

Concen: 49.985 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

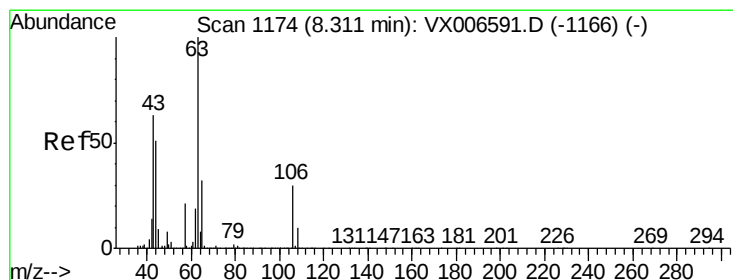
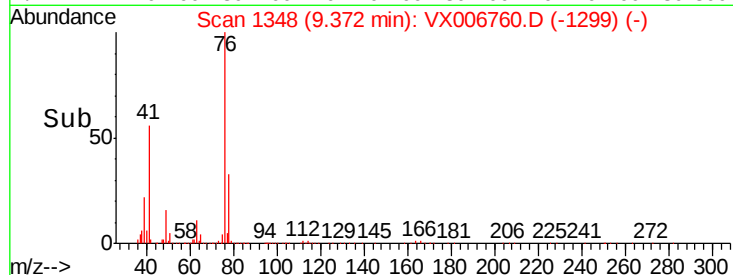
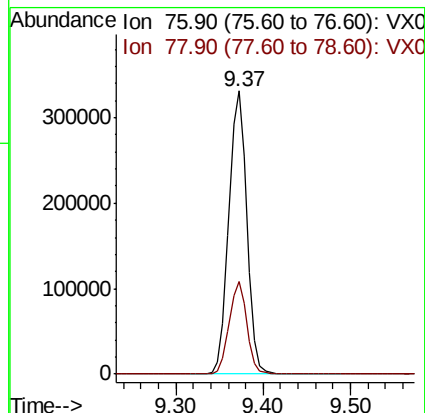
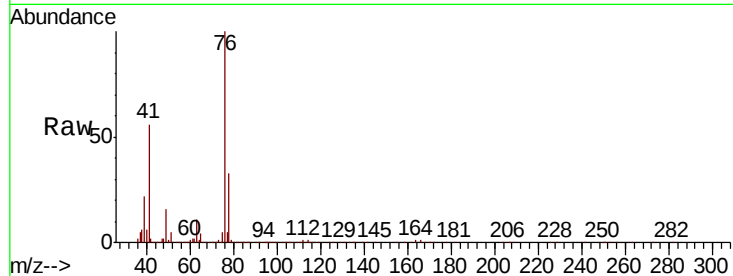
VSTDCCC050

Tgt Ion: 76 Resp: 473915

Ion Ratio Lower Upper

76 100

78 32.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 256.639 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006760.D

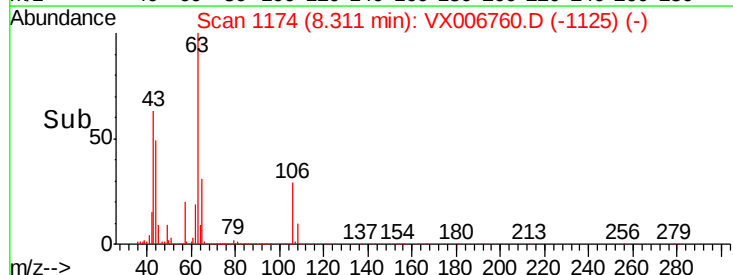
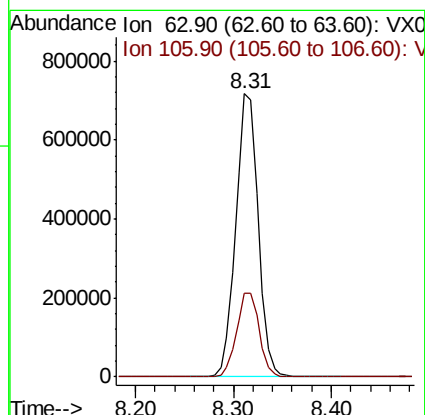
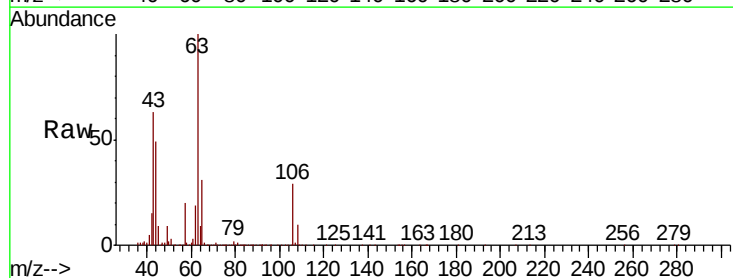
Acq: 22 Dec 2018 08:25

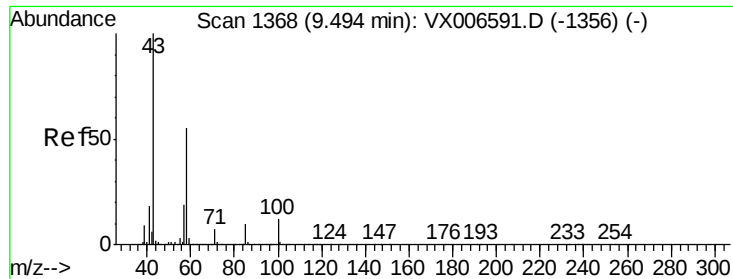
Tgt Ion: 63 Resp: 1136249

Ion Ratio Lower Upper

63 100

106 30.3 24.6 36.8

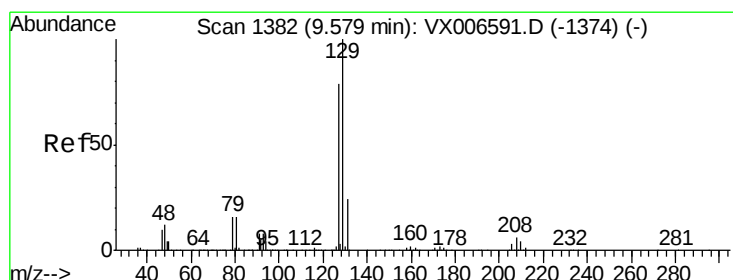
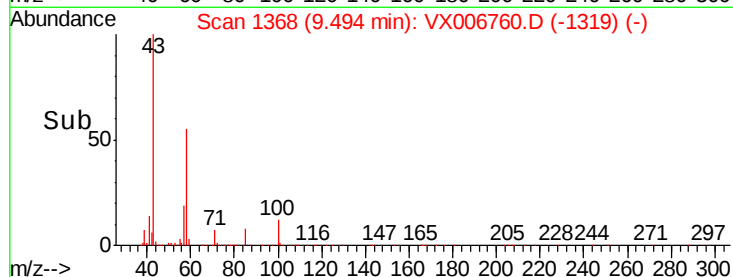
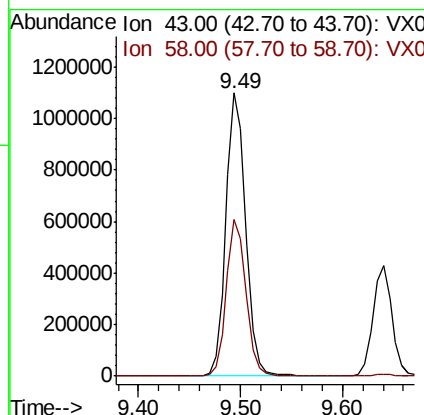
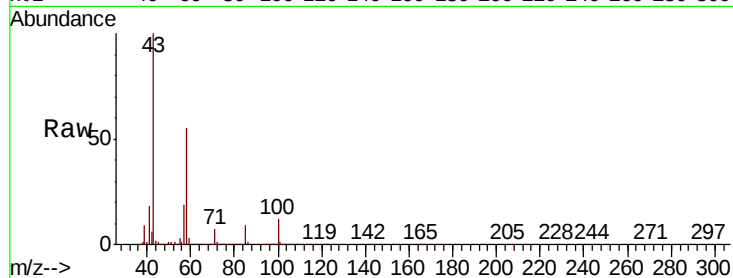




#59
2-Hexanone
Concen: 261.147 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

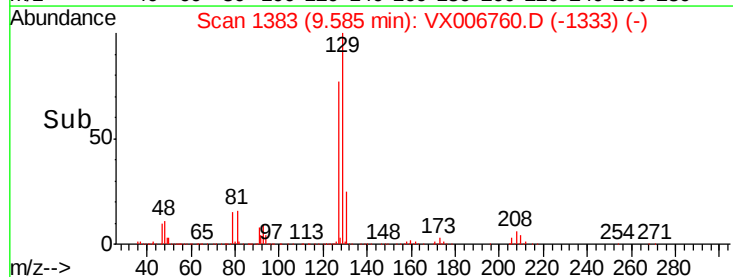
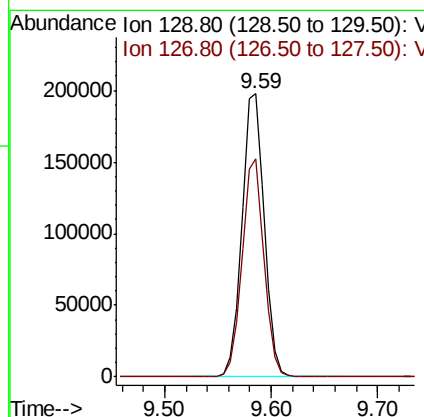
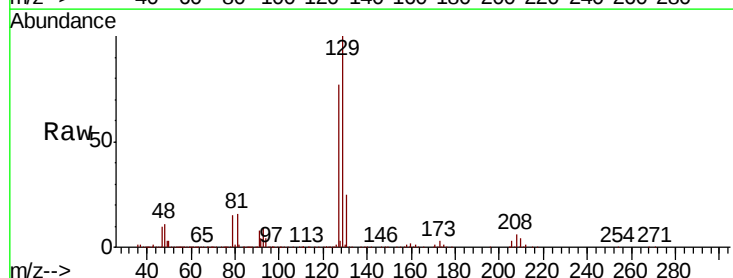
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

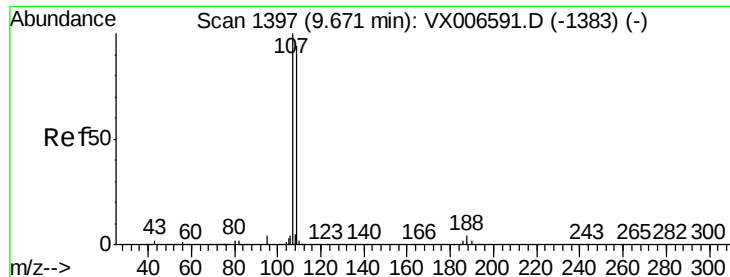
Tgt Ion: 43 Resp: 1476060
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1



#60
Dibromochloromethane
Concen: 47.359 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion: 129 Resp: 291101
Ion Ratio Lower Upper
129 100
127 75.2 39.3 117.8





#61

1,2-Dibromoethane

Concen: 50.480 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

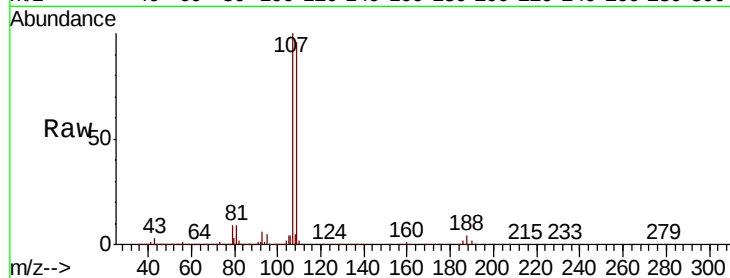
VSTDCCC050

Tgt Ion: 107 Resp: 316228

Ion Ratio Lower Upper

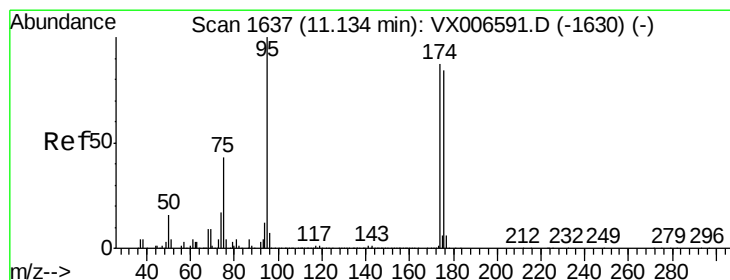
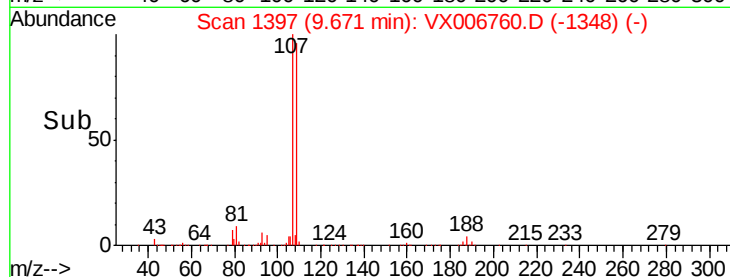
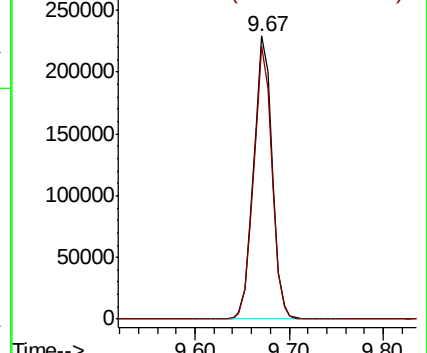
107 100

109 95.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.367 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

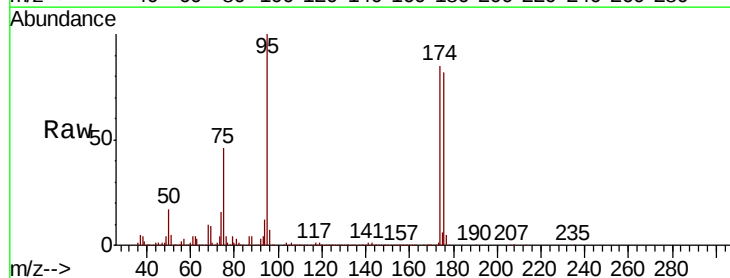
Tgt Ion: 95 Resp: 366108

Ion Ratio Lower Upper

95 100

174 92.4 0.0 182.2

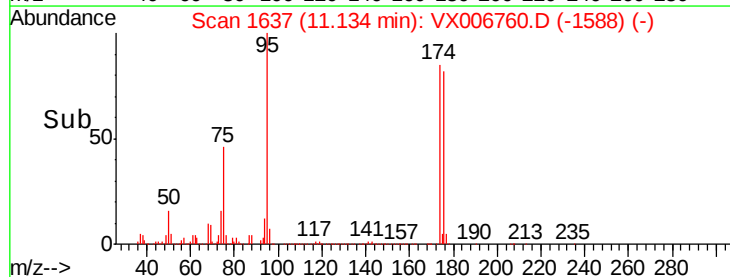
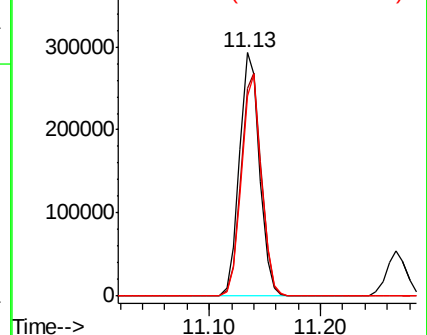
176 90.1 0.0 178.8

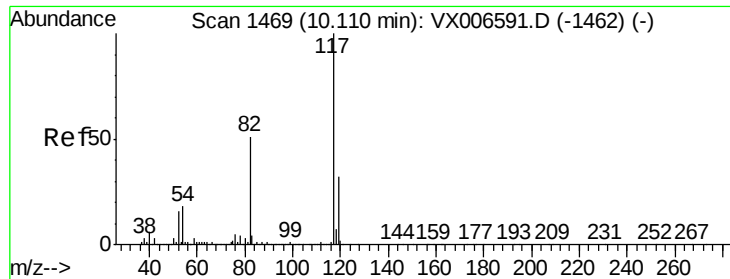


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

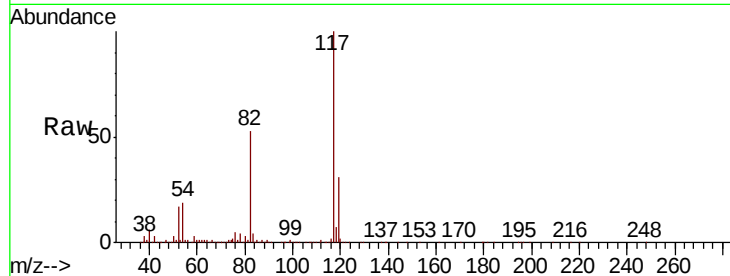




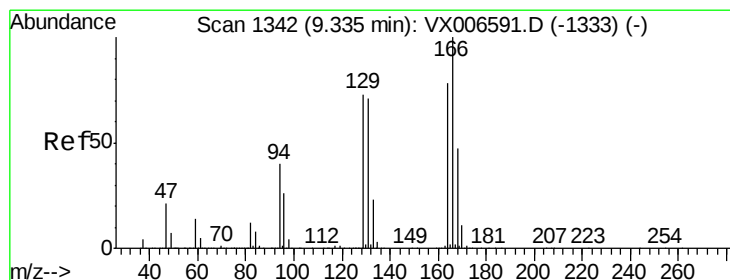
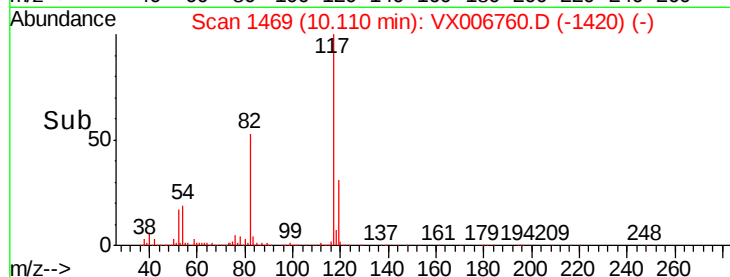
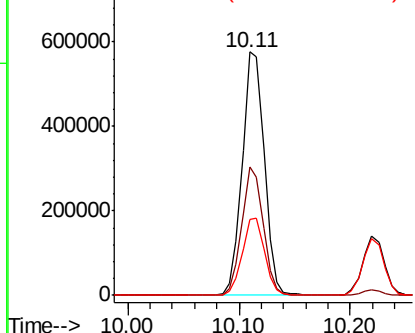
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 798316
Ion Ratio Lower Upper
117 100
82 52.7 41.0 61.6
119 31.3 25.4 38.0

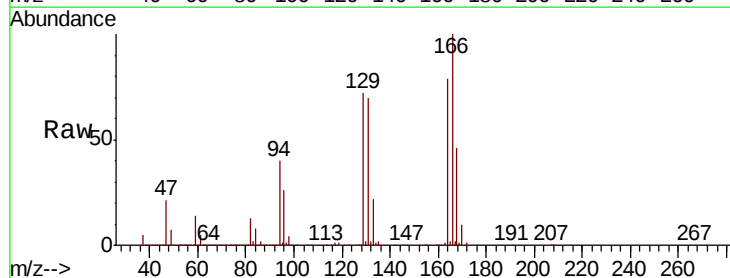


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

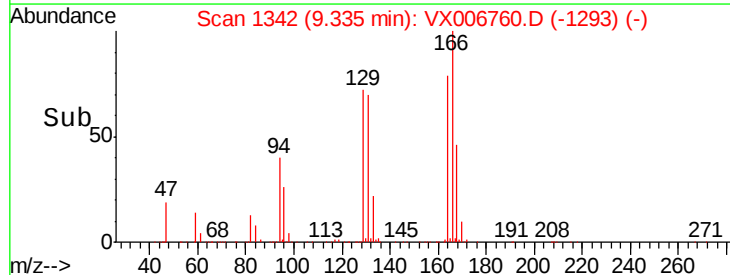
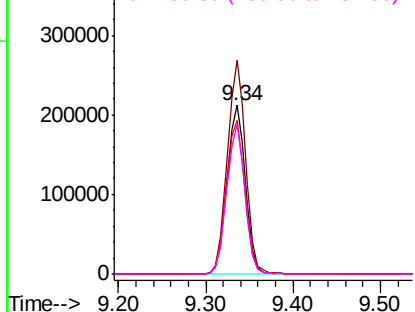


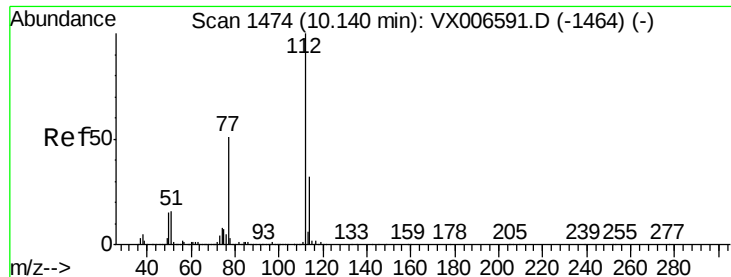
#64
Tetrachloroethene
Concen: 48.724 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion:164 Resp: 308006
Ion Ratio Lower Upper
164 100
166 126.6 102.5 153.7
129 90.8 75.1 112.7
131 88.7 72.7 109.1



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

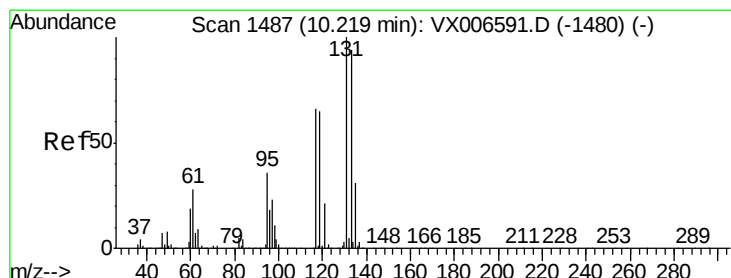
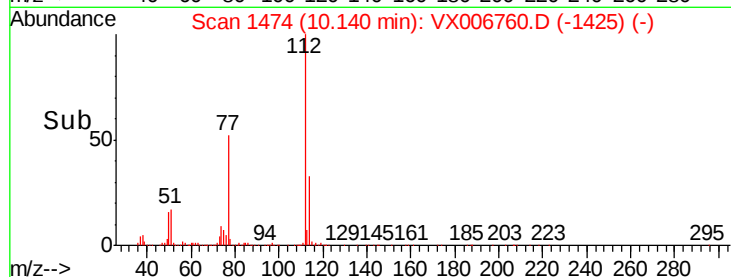
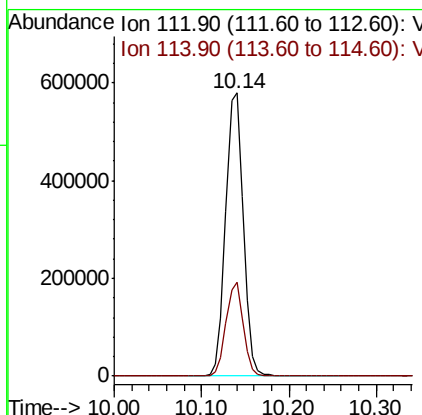
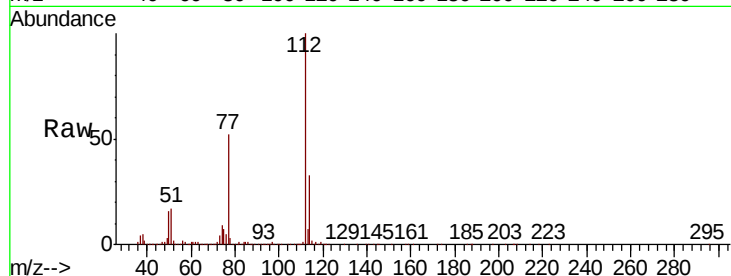




#65
Chlorobenzene
Concen: 48.075 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

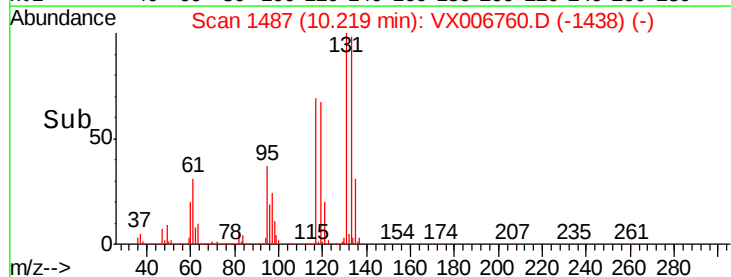
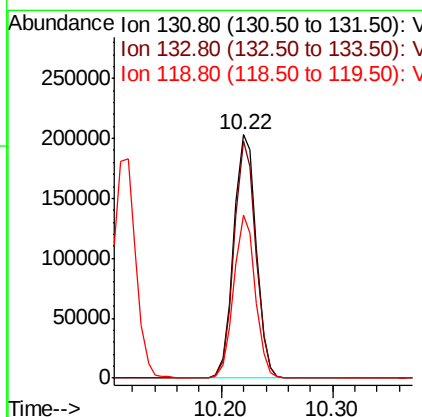
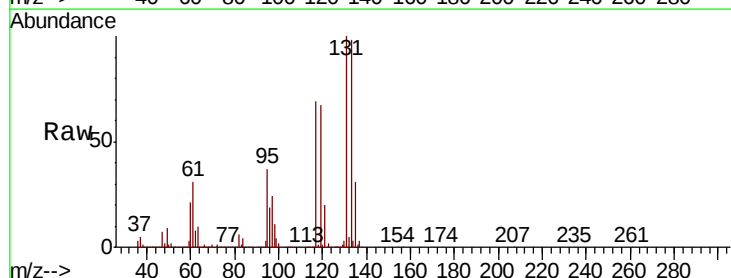
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

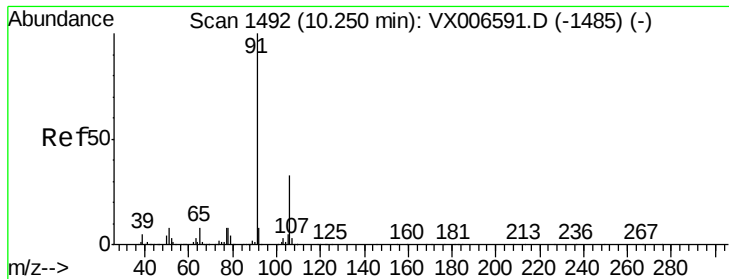
Tgt Ion:112 Resp: 811936
Ion Ratio Lower Upper
112 100
114 33.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.766 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion:131 Resp: 283309
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.2
119 64.0 32.6 97.8





#67

Ethyl Benzene

Concen: 48.545 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

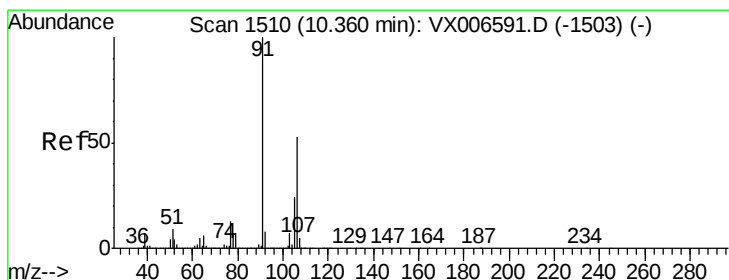
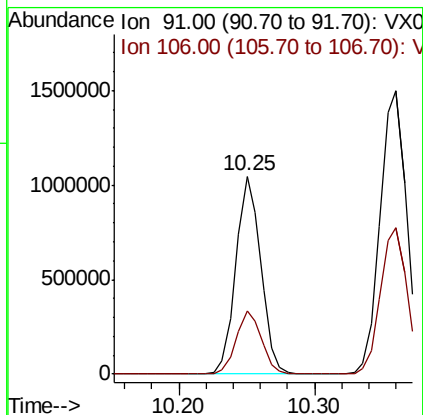
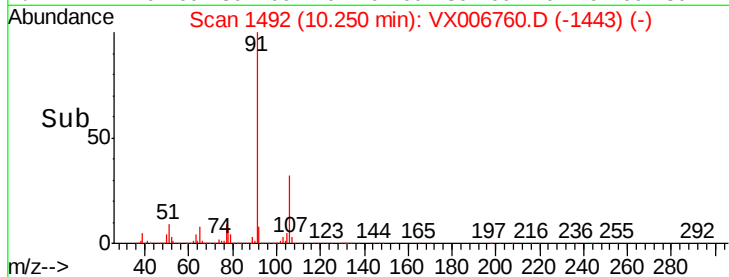
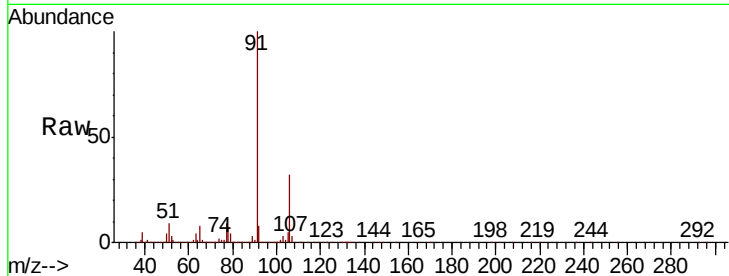
VSTDCCC050

Tgt Ion: 91 Resp: 1339733

Ion Ratio Lower Upper

91 100

106 31.9 26.4 39.6



#68

m/p-Xylenes

Concen: 96.688 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006760.D

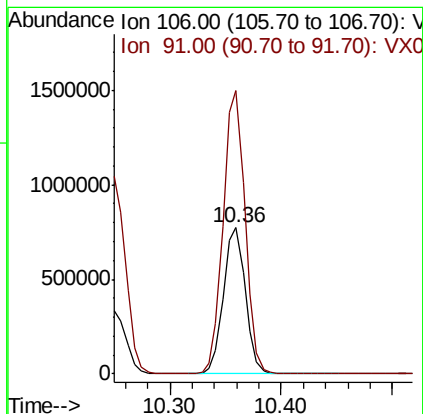
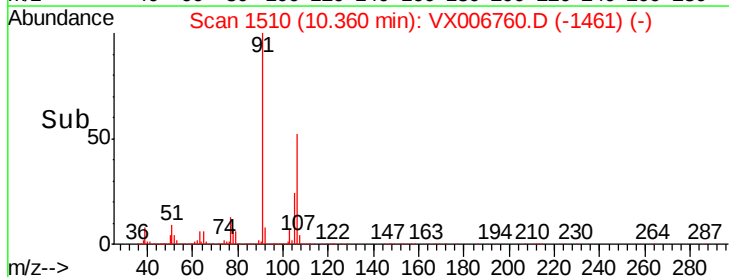
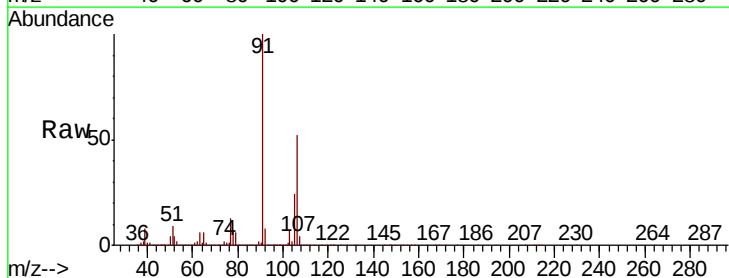
Acq: 22 Dec 2018 08:25

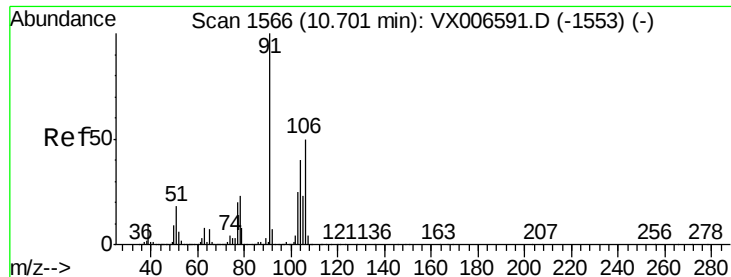
Tgt Ion: 106 Resp: 1052933

Ion Ratio Lower Upper

106 100

91 194.0 155.8 233.6

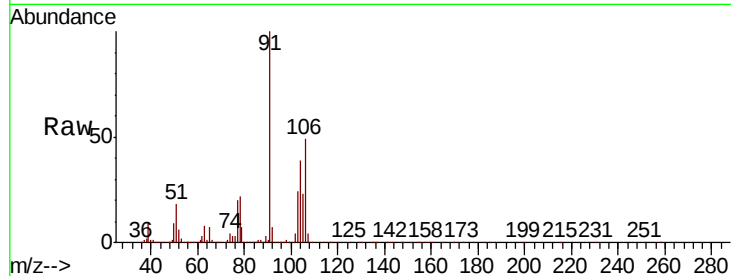




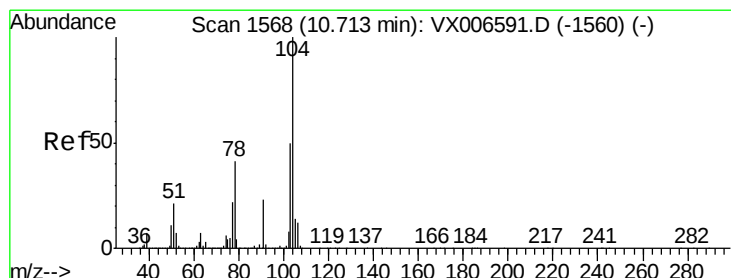
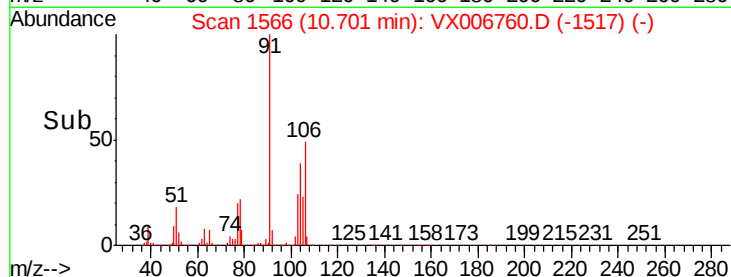
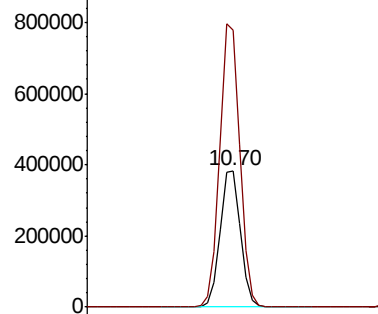
#69
o-Xylene
Concen: 48.001 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 516186
Ion Ratio Lower Upper
106 100
91 206.0 101.3 303.7

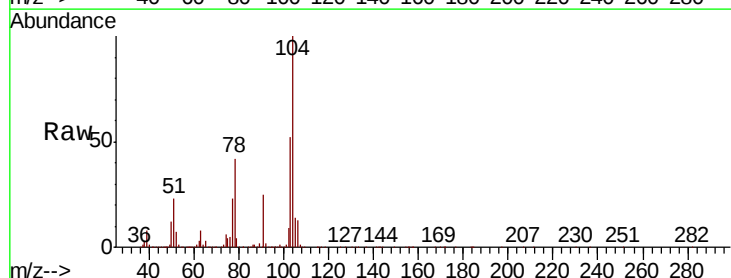


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

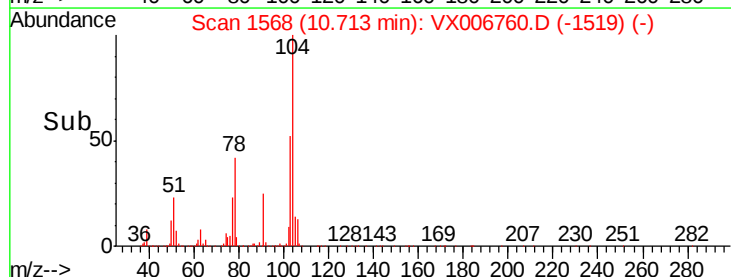
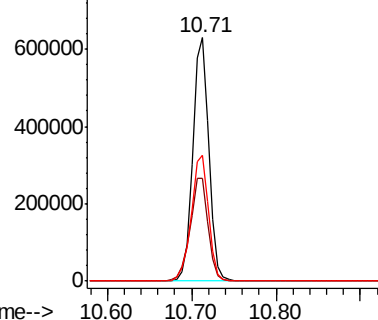


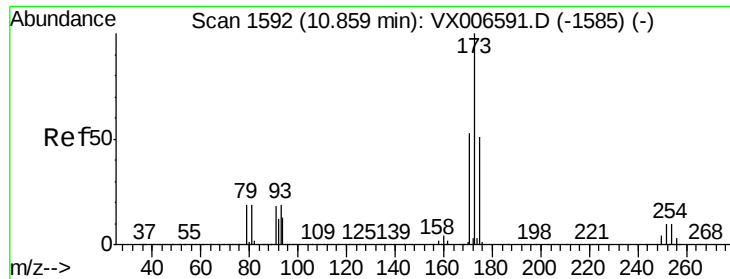
#70
Styrene
Concen: 48.740 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion:104 Resp: 829215
Ion Ratio Lower Upper
104 100
78 47.8 37.7 56.5
103 55.9 43.8 65.8



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





#71

Bromoform

Concen: 44.347 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

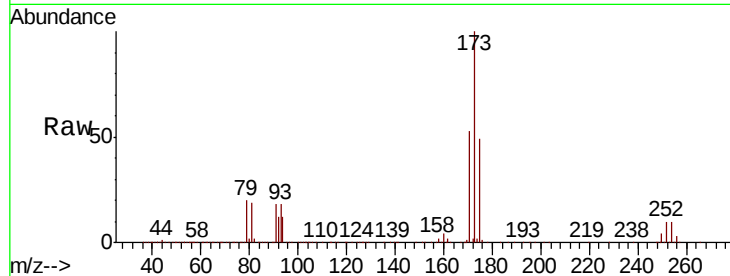
Tgt Ion:173 Resp: 208148

Ion Ratio Lower Upper

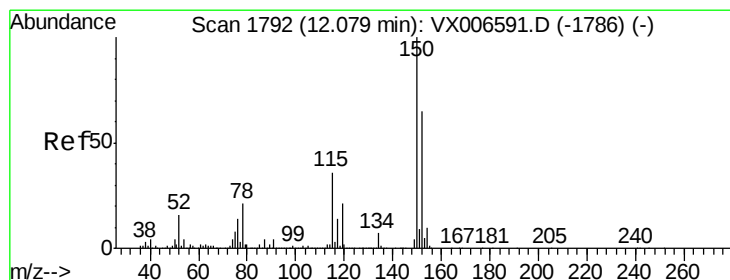
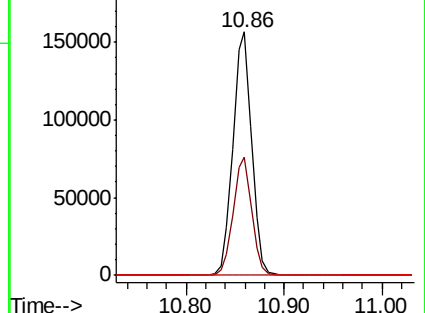
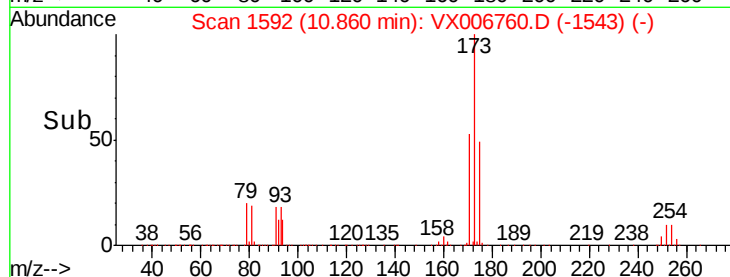
173 100

175 48.0 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: VX006760.D

Acq: 22 Dec 2018 08:25

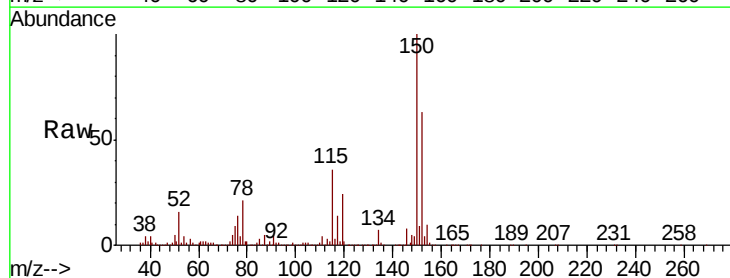
Tgt Ion:152 Resp: 398633

Ion Ratio Lower Upper

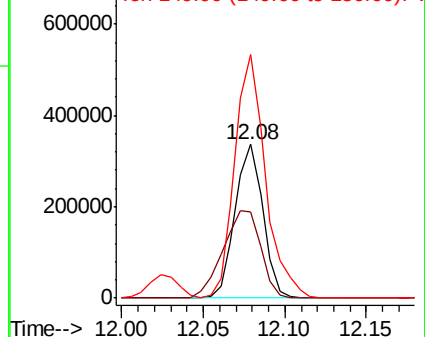
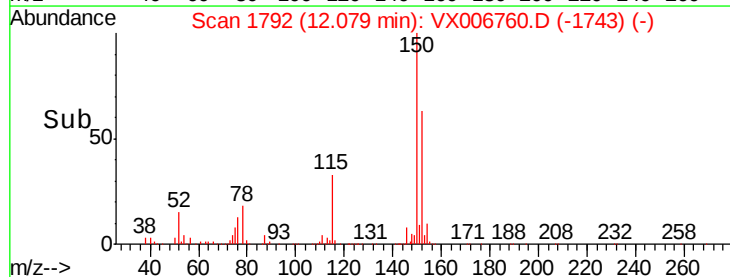
152 100

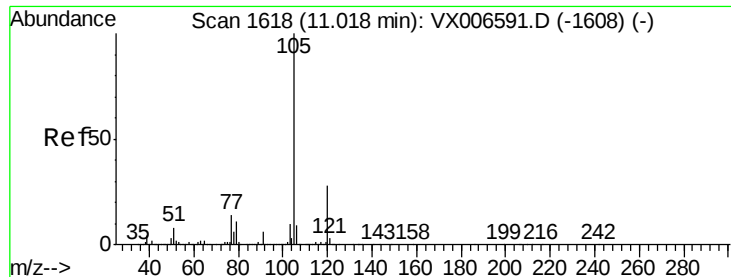
115 77.6 39.1 117.2

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: 50.448 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

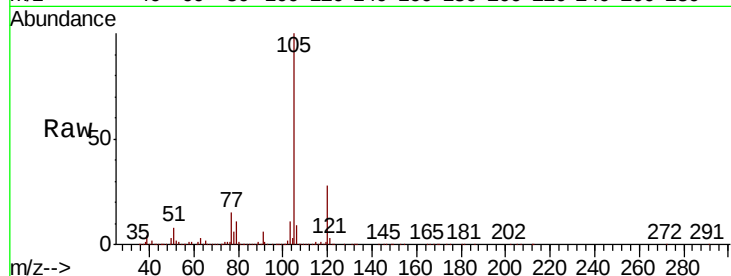
VSTDCCC050

Tgt Ion:105 Resp: 1375775

Ion Ratio Lower Upper

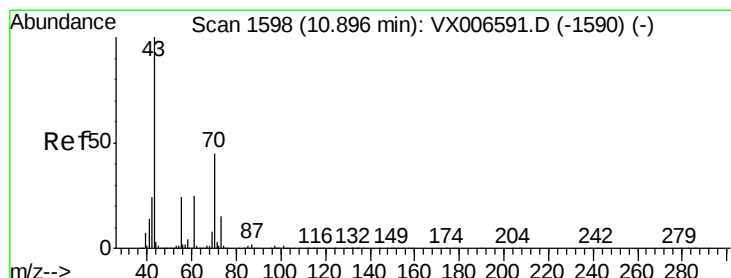
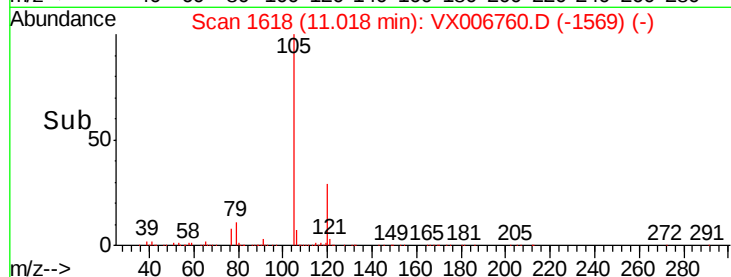
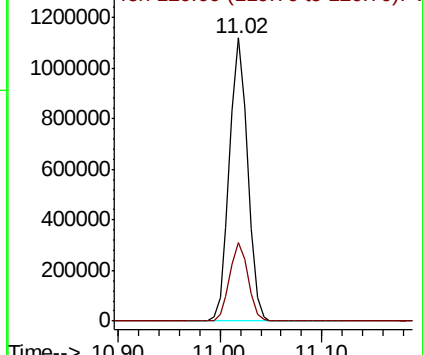
105 100

120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.784 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Tgt Ion: 43 Resp: 544535

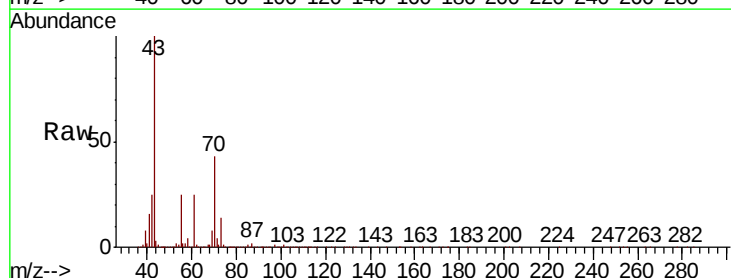
Ion Ratio Lower Upper

43 100

70 43.1 35.8 53.8

55 24.3 19.4 29.0

61 24.5 20.1 30.1

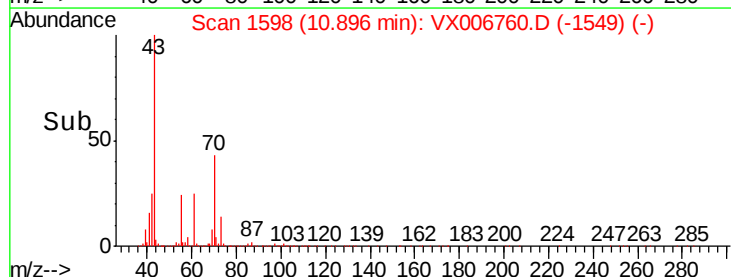
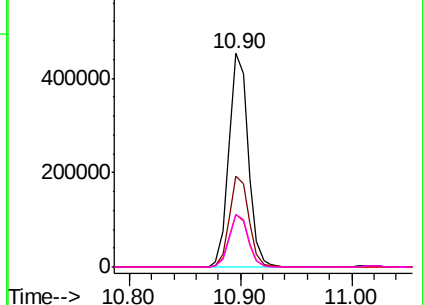


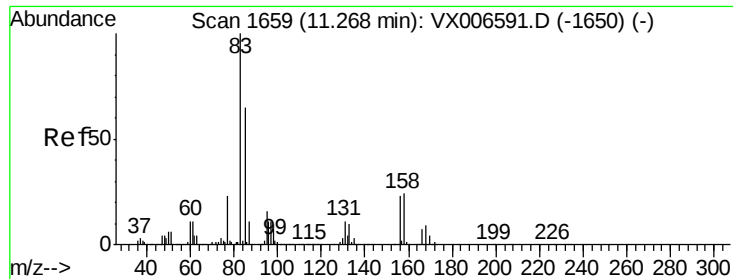
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.942 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

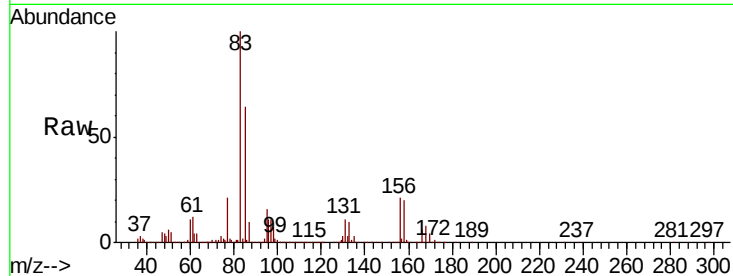
Tgt Ion: 83 Resp: 437495

Ion Ratio Lower Upper

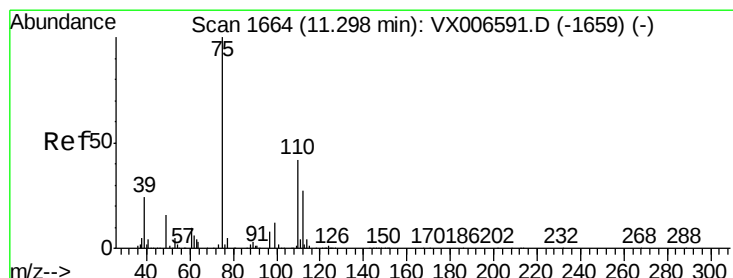
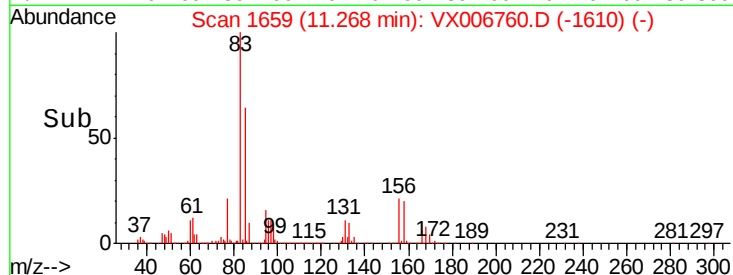
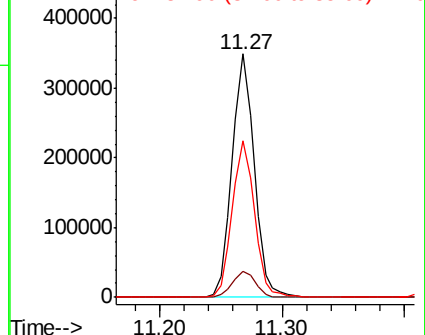
83 100

131 11.2 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: 60.966 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006760.D

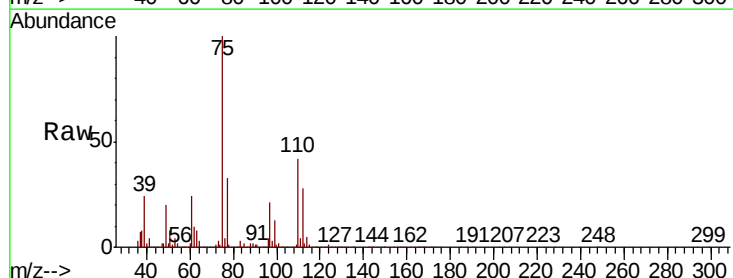
Acq: 22 Dec 2018 08:25

Tgt Ion: 75 Resp: 451653

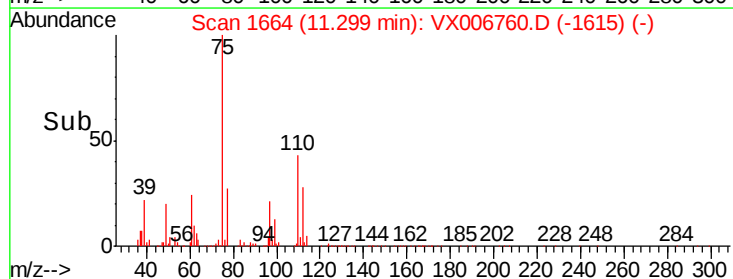
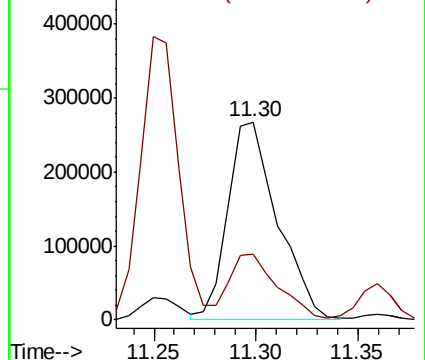
Ion Ratio Lower Upper

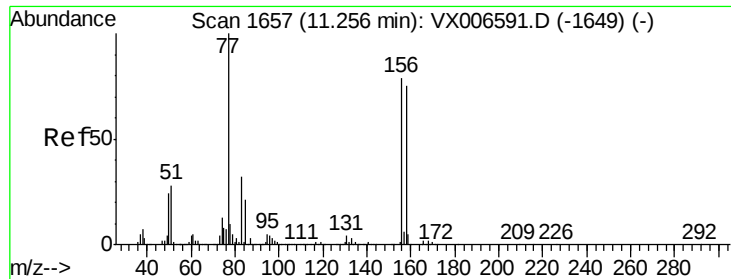
75 100

77 31.7 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: 49.871 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

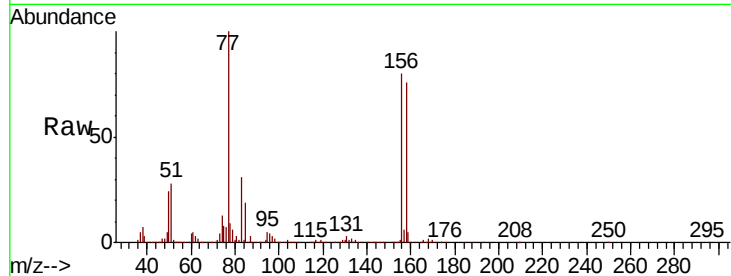
Tgt Ion:156 Resp: 367692

Ion Ratio Lower Upper

156 100

77 136.2 68.0 204.0

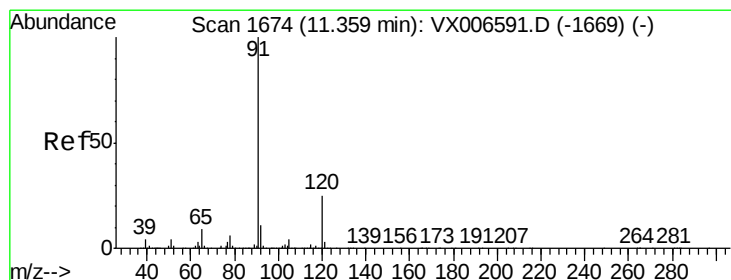
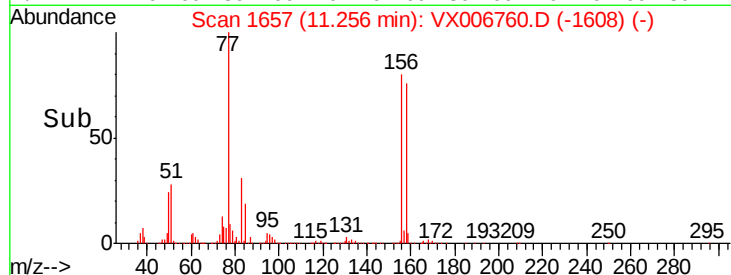
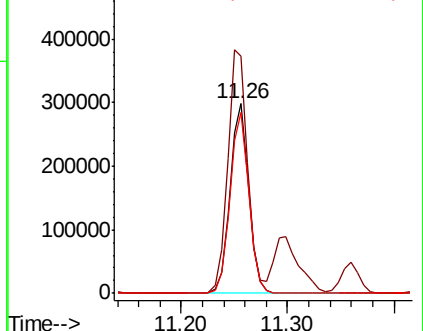
158 96.1 48.3 144.8



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: 50.595 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006760.D

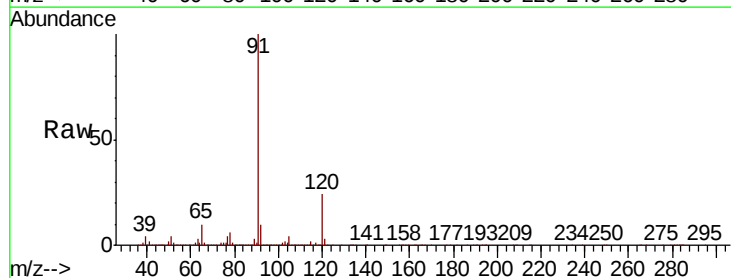
Acq: 22 Dec 2018 08:25

Tgt Ion: 91 Resp: 1519414

Ion Ratio Lower Upper

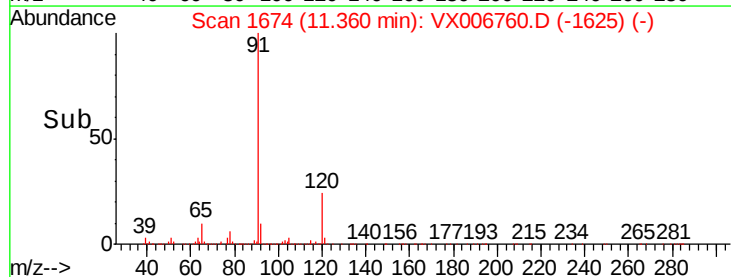
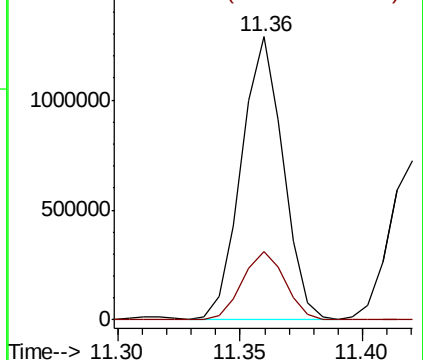
91 100

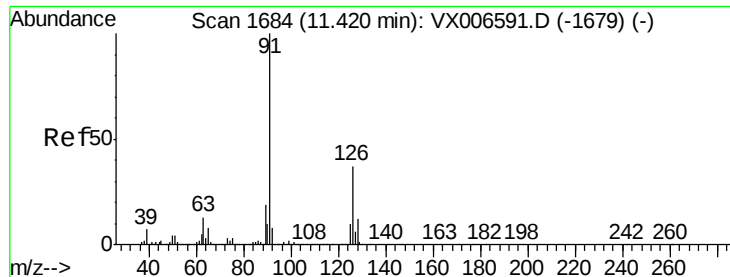
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.981 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

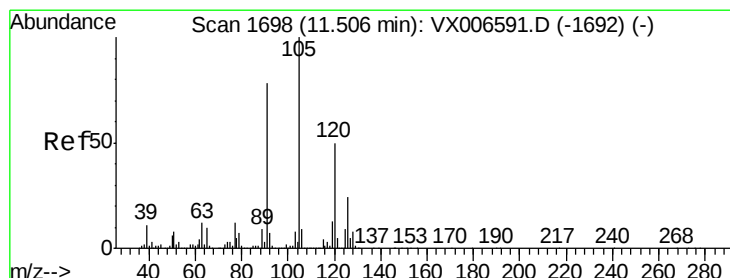
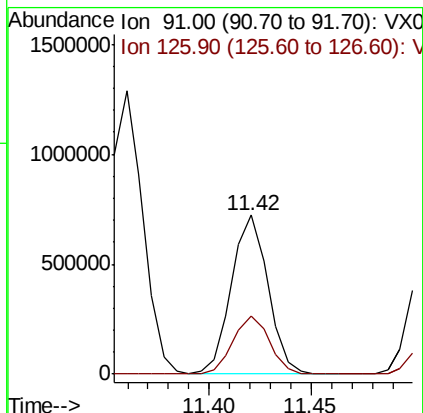
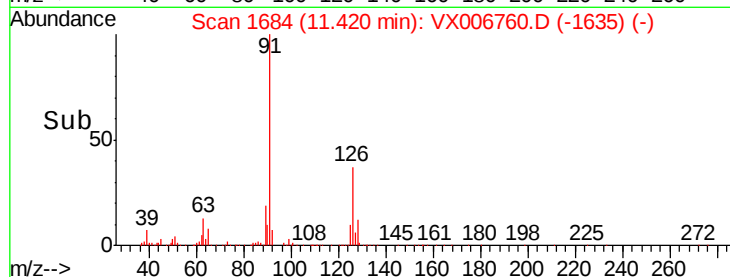
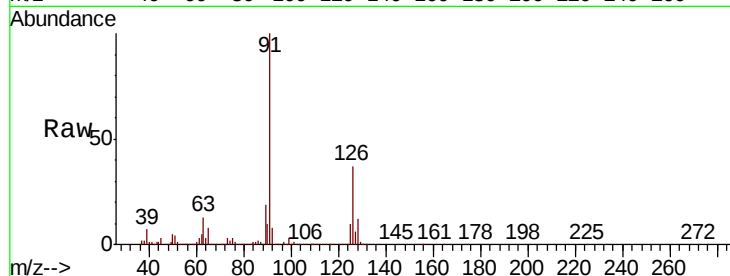
VSTDCCC050

Tgt Ion: 91 Resp: 891411

Ion Ratio Lower Upper

91 100

126 37.2 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 49.955 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006760.D

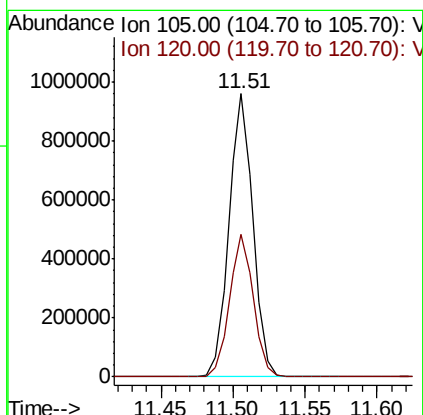
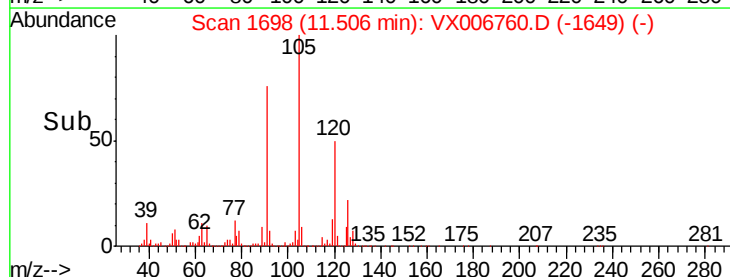
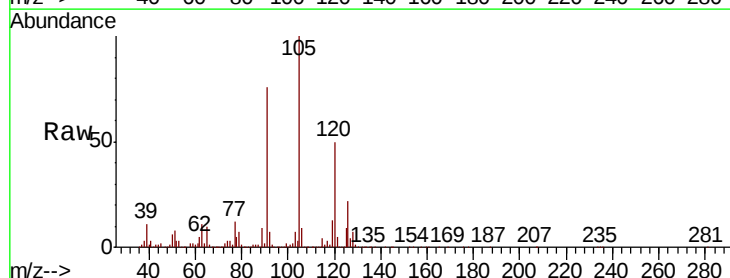
Acq: 22 Dec 2018 08:25

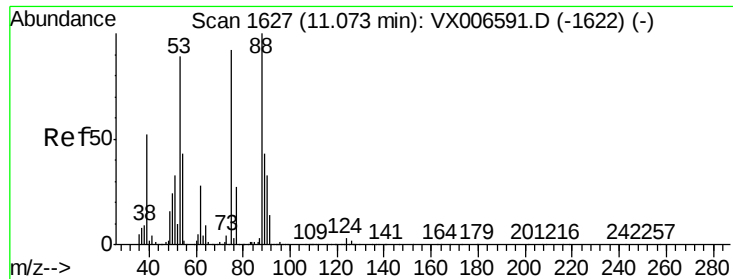
Tgt Ion: 105 Resp: 1122102

Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 36.069 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

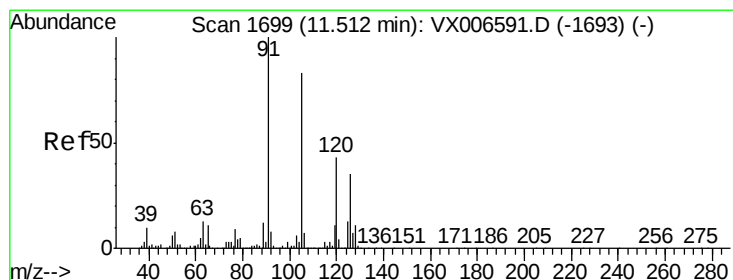
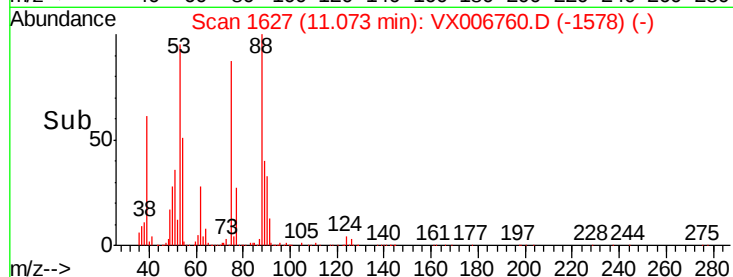
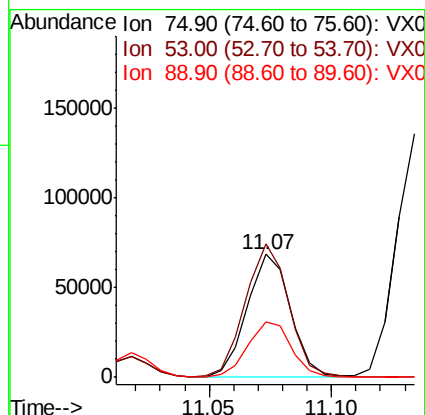
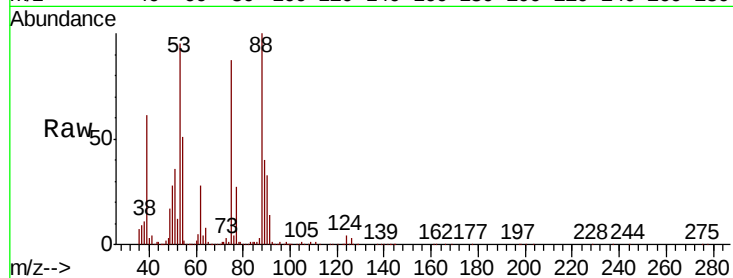
Tgt Ion: 75 Resp: 84666

Ion Ratio Lower Upper

75 100

53 109.7 79.7 119.5

89 46.5 38.0 57.0



#82

4-Chlorotoluene

Concen: 49.170 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006760.D

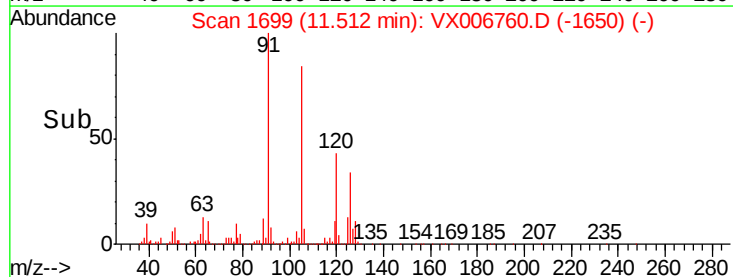
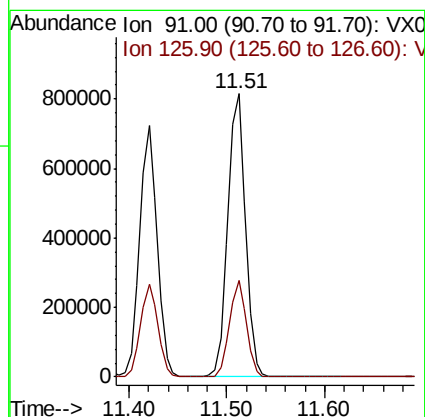
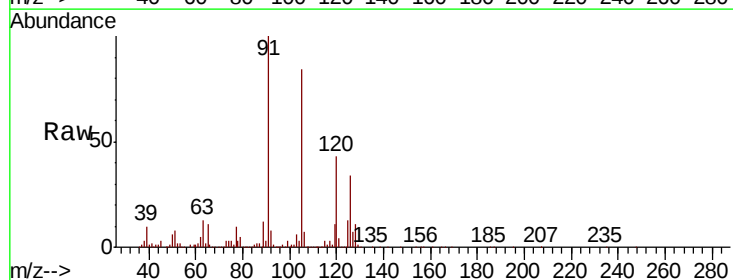
Acq: 22 Dec 2018 08:25

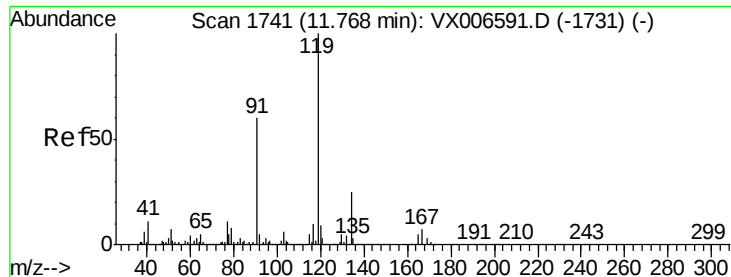
Tgt Ion: 91 Resp: 1026467

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.9

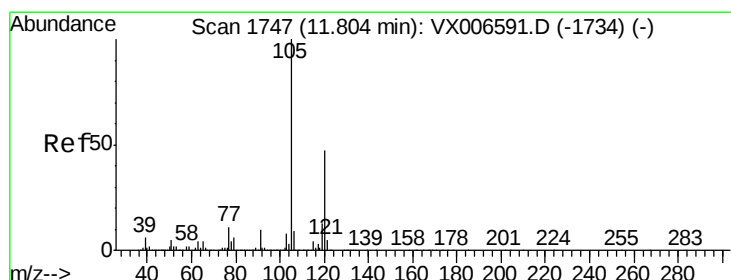
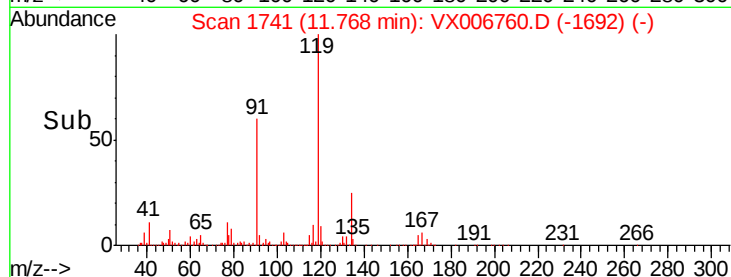
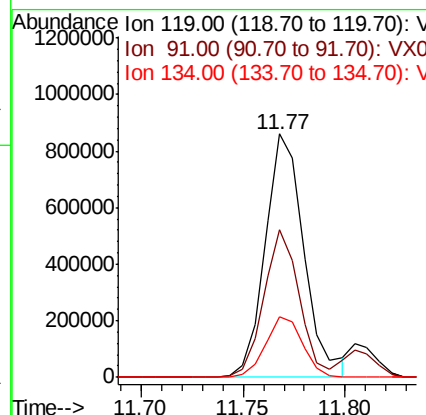
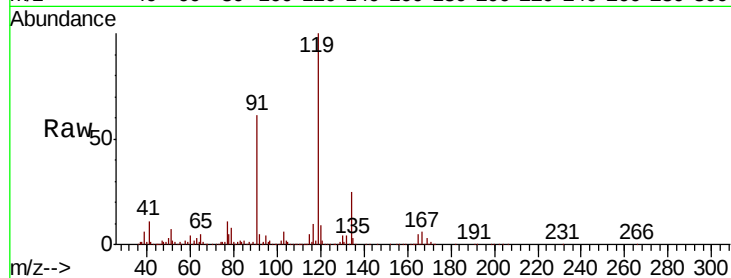




#83
 tert-Butylbenzene
 Concen: 50.728 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

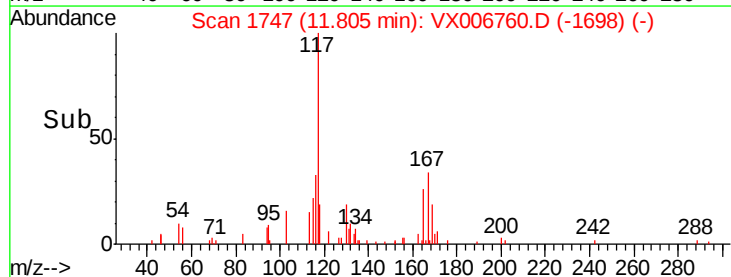
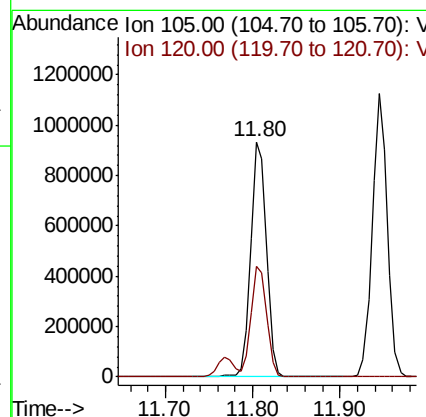
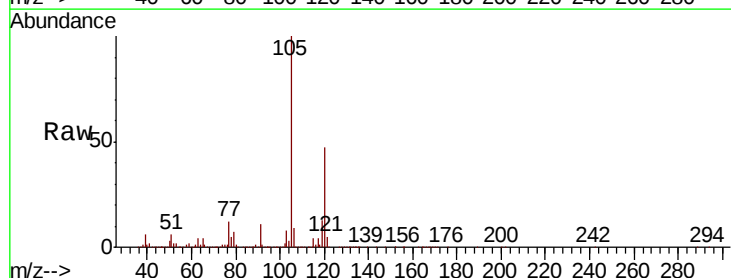
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

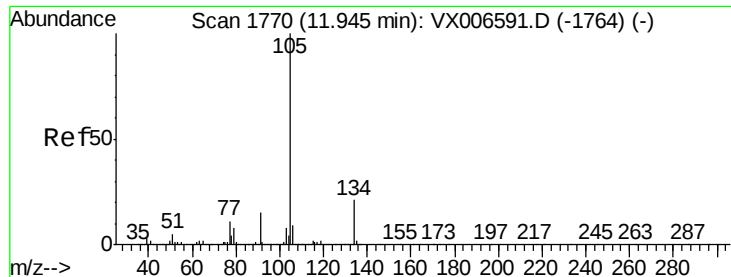
Tgt Ion:119 Resp: 1140426
 Ion Ratio Lower Upper
 119 100
 91 55.4 27.7 83.1
 134 24.0 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 48.736 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

Tgt Ion:105 Resp: 1151459
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.321 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

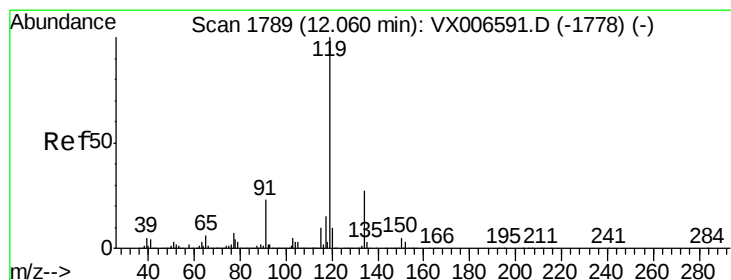
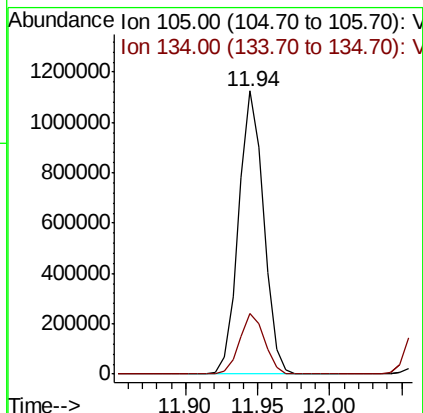
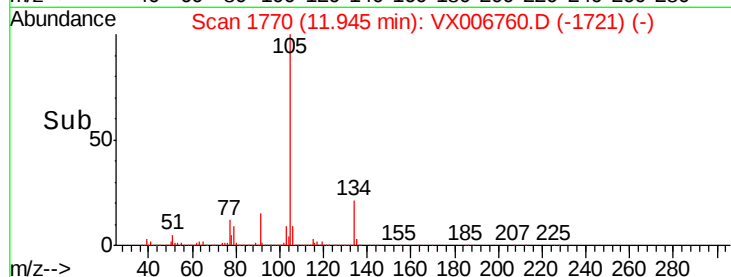
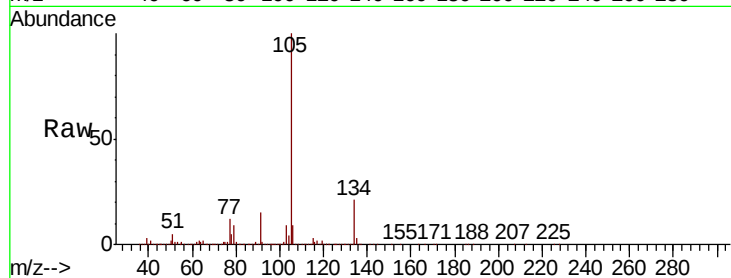
VSTDCCC050

Tgt Ion:105 Resp: 1359453

Ion Ratio Lower Upper

105 100

134 21.4 10.7 31.9



#86

p-Isopropyltoluene

Concen: 50.332 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

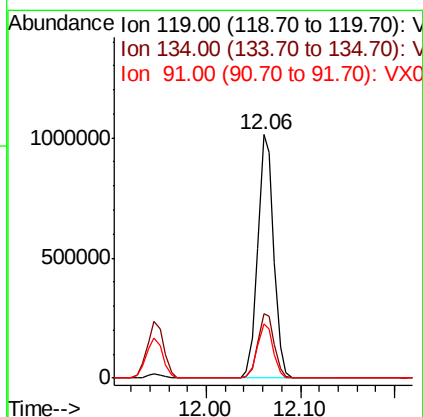
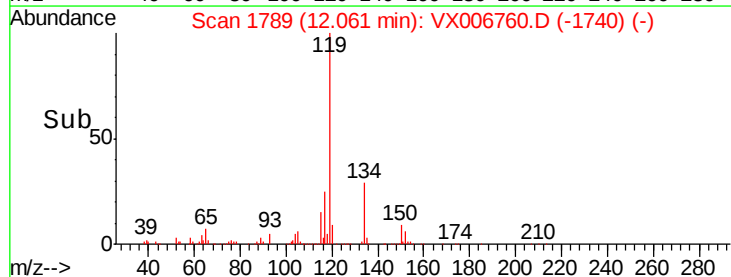
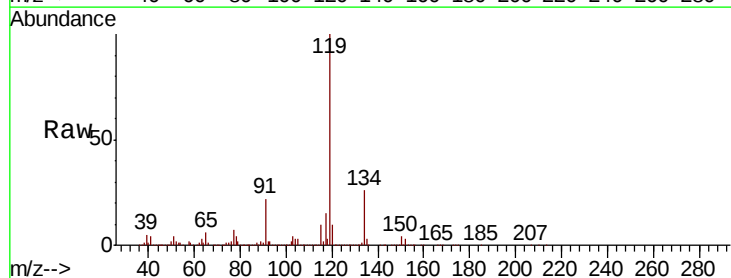
Tgt Ion:119 Resp: 1219520

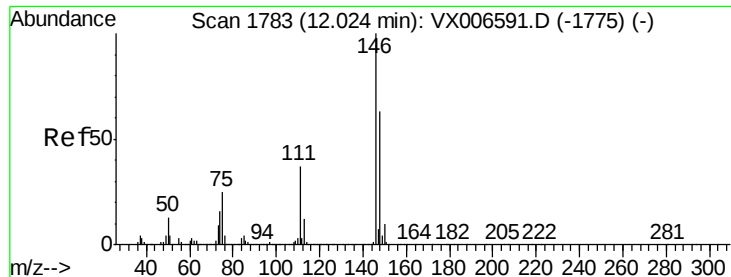
Ion Ratio Lower Upper

119 100

134 27.1 14.0 41.9

91 22.3 11.3 33.9

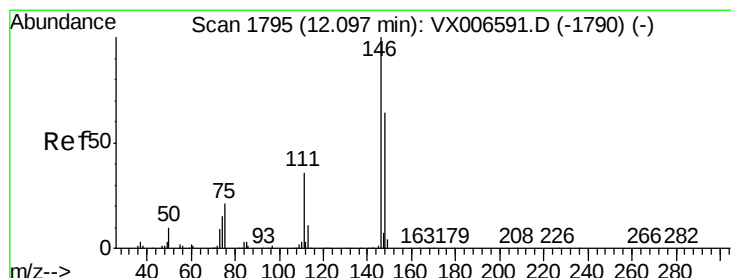
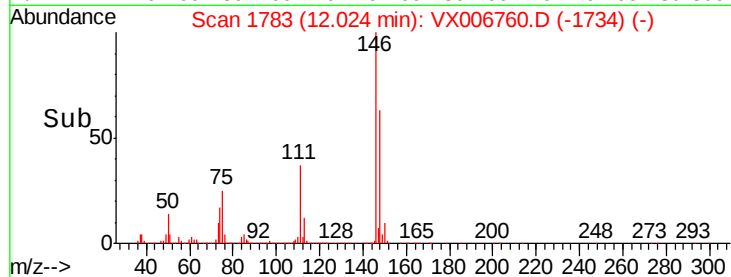
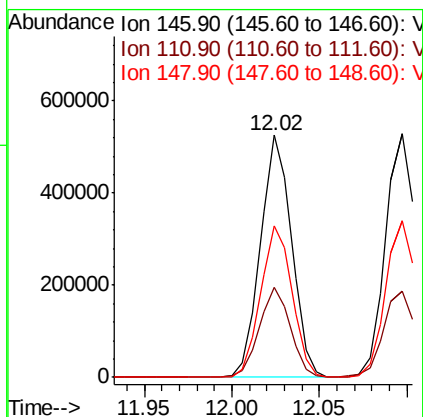
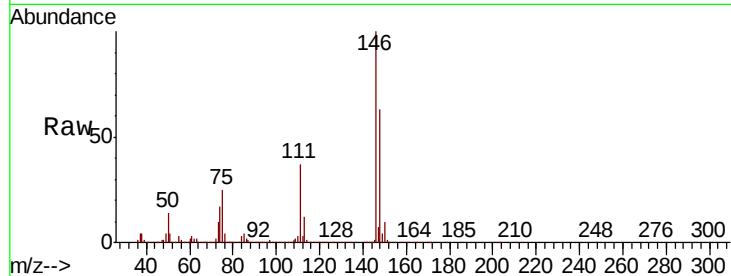




#87
 1,3-Dichlorobenzene
 Concen: 49.112 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

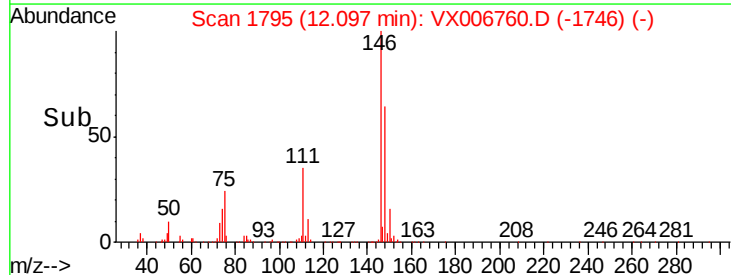
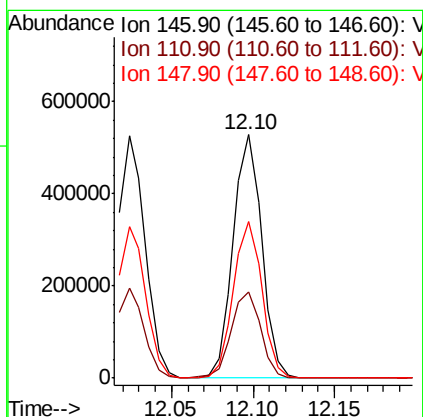
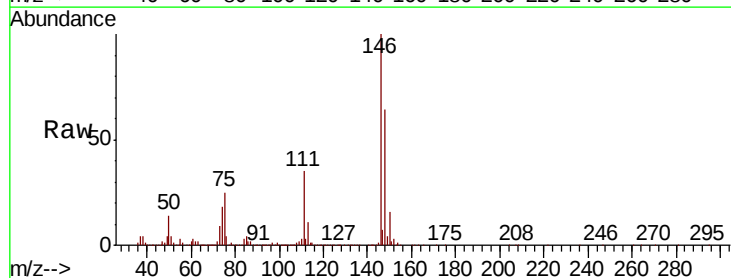
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

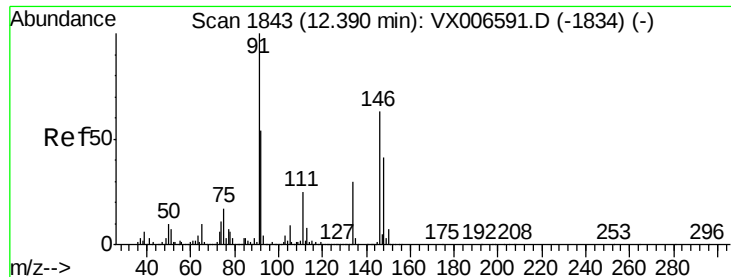
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.6	55.8
148	63.2	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.257 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	64.7	31.9	95.9





#89

n-Butylbenzene

Concen: 49.284 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

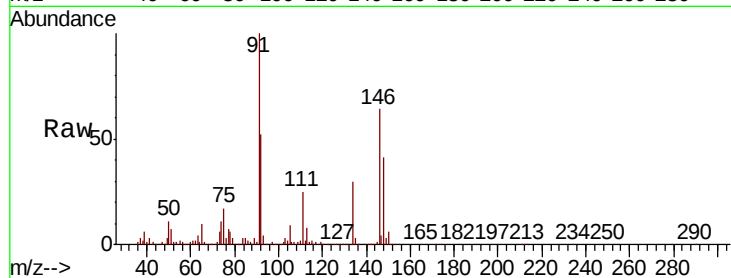
Tgt Ion: 91 Resp: 1016260

Ion Ratio Lower Upper

91 100

92 52.8 26.8 80.4

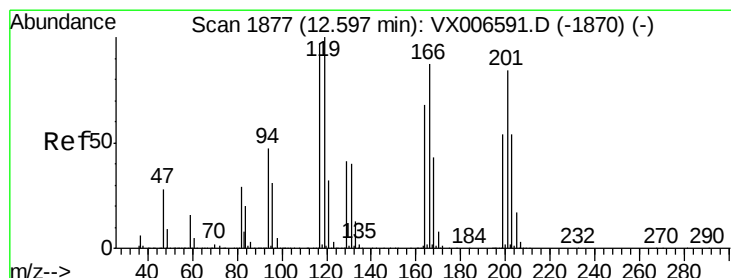
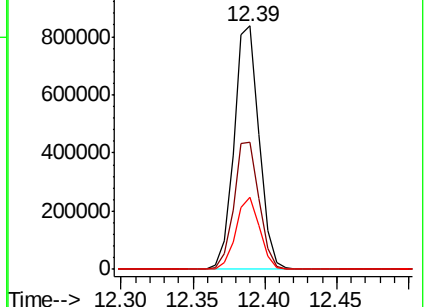
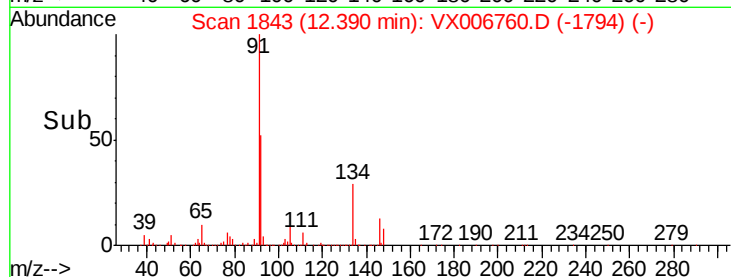
134 28.2 14.4 43.2



Abundance Ion 91.00 (90.70 to 91.70): VX006760.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX006760.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX006760.D (-1834) (-)



#90

Hexachloroethane

Concen: 46.256 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006760.D

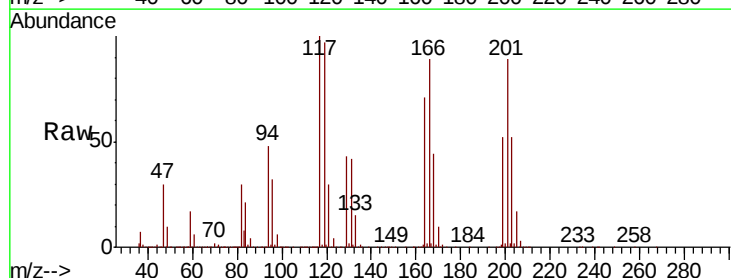
Acq: 22 Dec 2018 08:25

Tgt Ion: 117 Resp: 174403

Ion Ratio Lower Upper

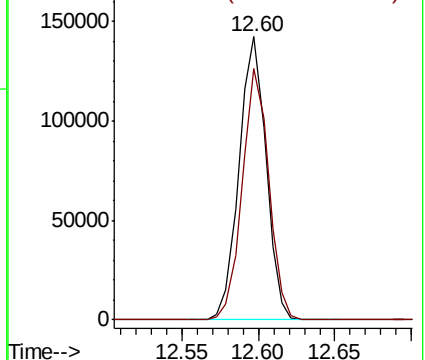
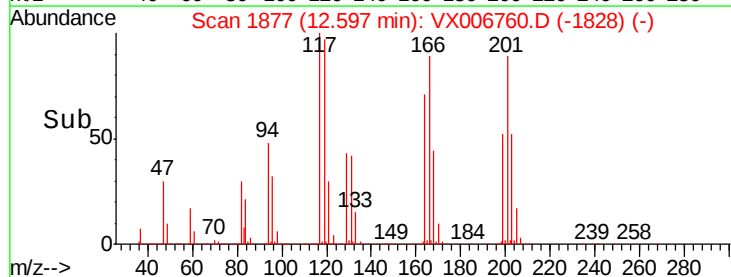
117 100

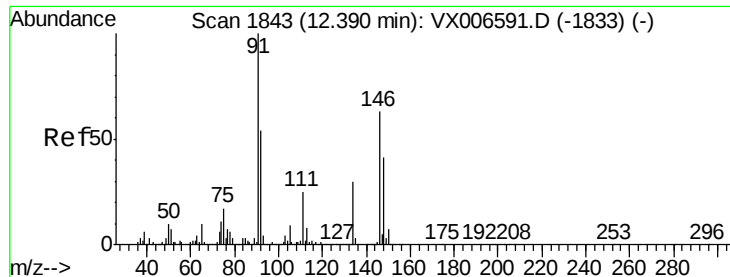
201 87.4 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): VX006760.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX006760.D (-1870) (-)





#91

1,2-Dichlorobenzene

Concen: 48.761 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

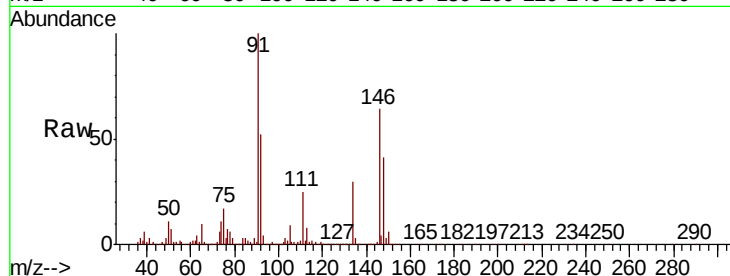
Tgt Ion:146 Resp: 648144

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

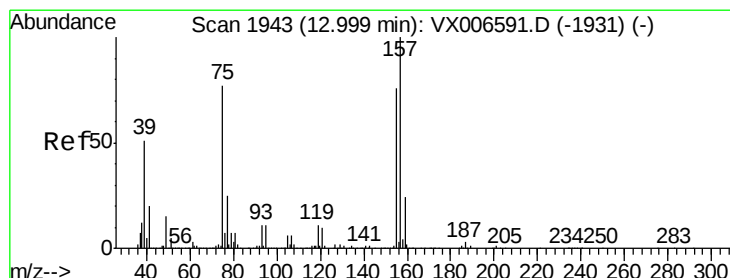
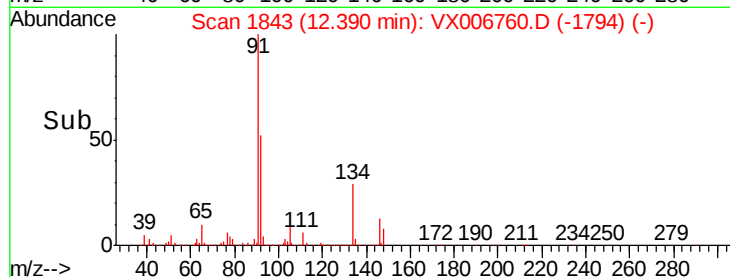
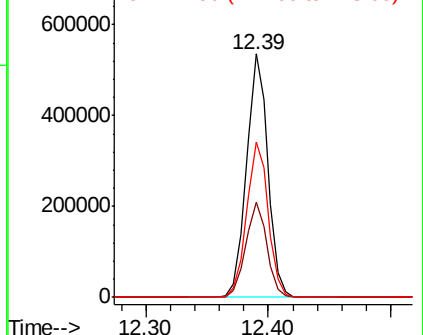
148 64.4 32.3 96.9



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: 53.268 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006760.D

Acq: 22 Dec 2018 08:25

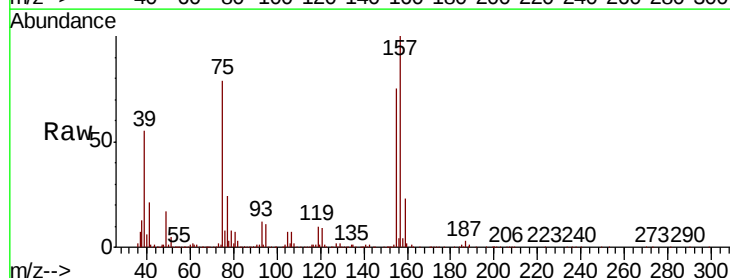
Tgt Ion: 75 Resp: 89394

Ion Ratio Lower Upper

75 100

155 100.9 50.6 151.8

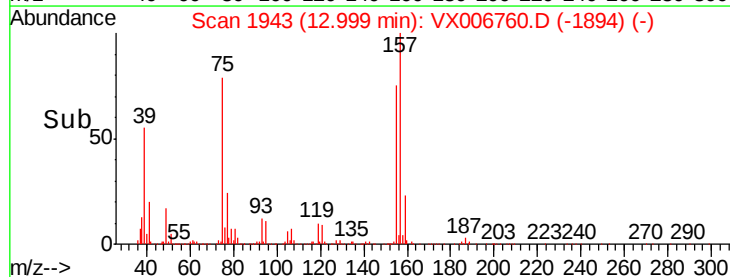
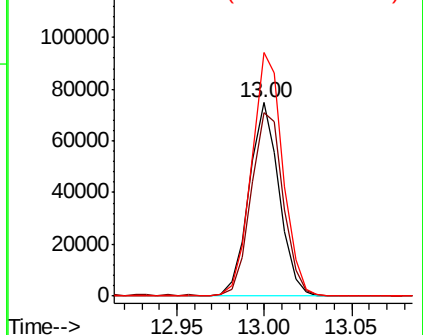
157 130.6 64.6 193.8

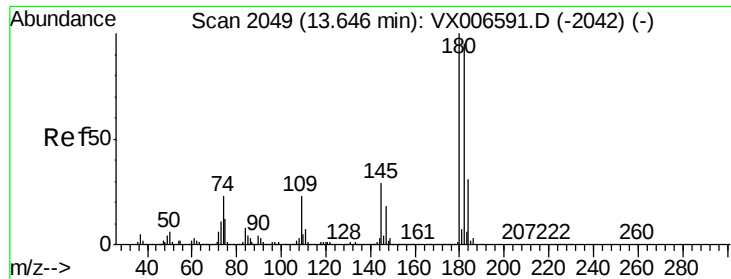


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

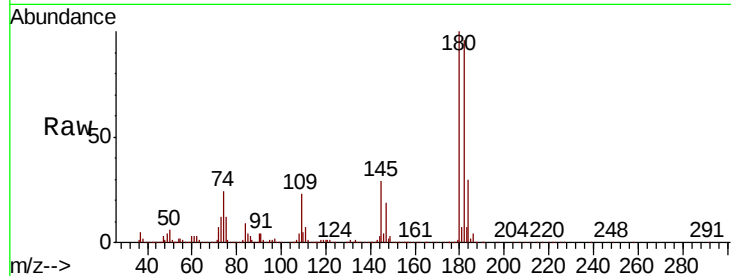




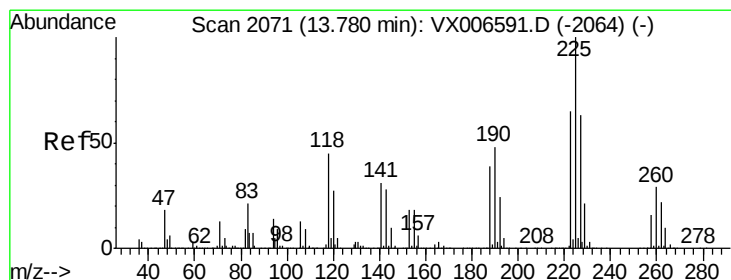
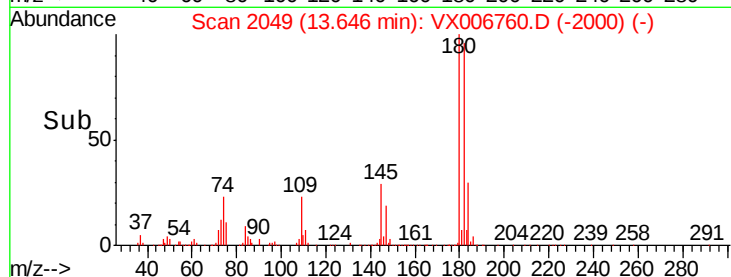
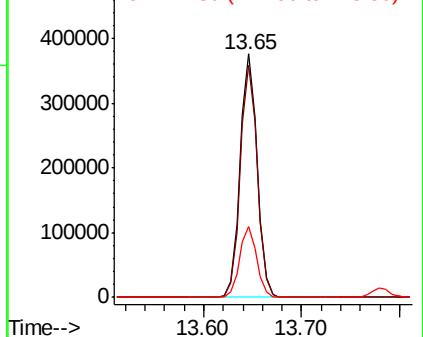
#93
 1,2,4-Trichlorobenzene
 Concen: 49.258 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:180 Resp: 451651
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.3 142.0
 145 29.3 14.8 44.3

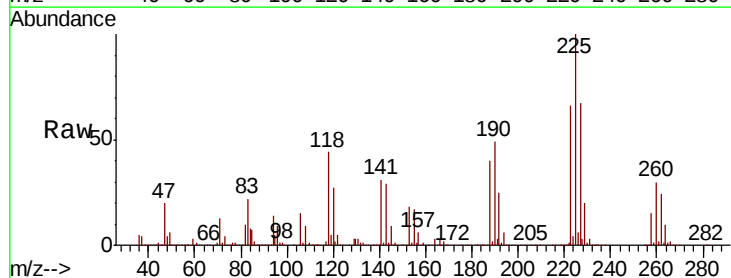


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

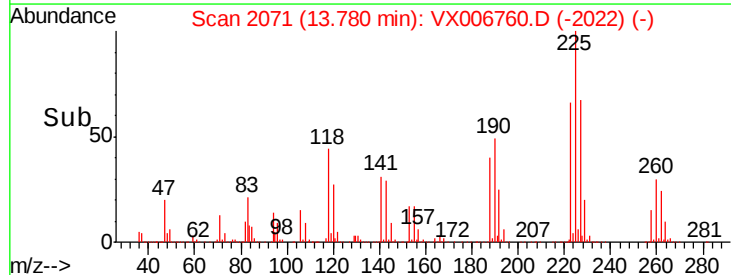
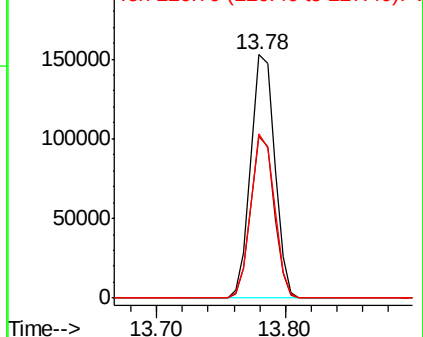


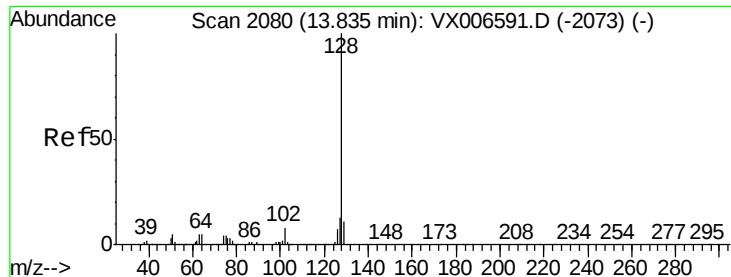
#94
 Hexachlorobutadiene
 Concen: 45.297 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006760.D
 Acq: 22 Dec 2018 08:25

Tgt Ion:225 Resp: 195763
 Ion Ratio Lower Upper
 225 100
 223 64.3 32.1 96.3
 227 66.0 32.3 96.8



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

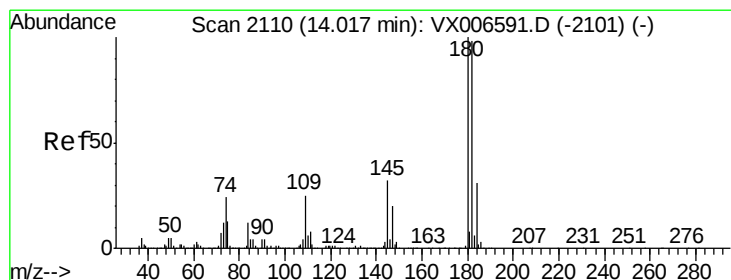
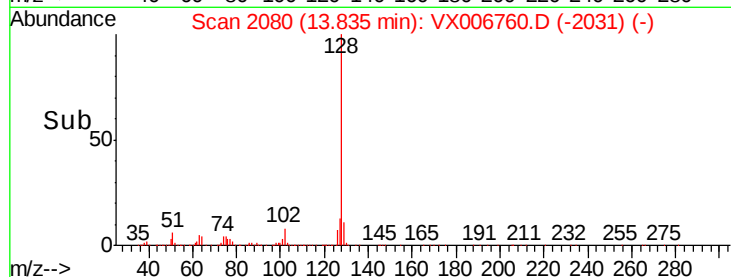
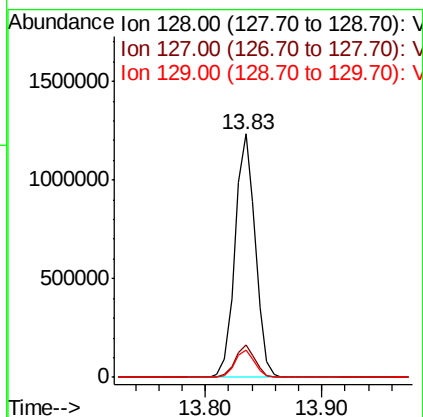
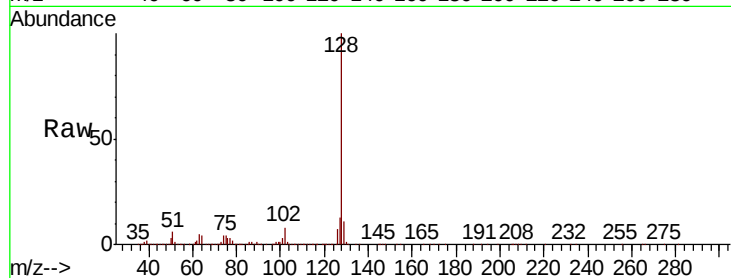




#95
Naphthalene
Concen: 50.938 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1490682
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.924 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006760.D
Acq: 22 Dec 2018 08:25

Tgt Ion:180 Resp: 463159
Ion Ratio Lower Upper
180 100
182 95.4 48.5 145.5
145 30.9 16.0 47.9

