

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122818\
 Data File : VX006848.D
 Acq On : 28 Dec 2018 09:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 28 22:54:41 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	5.66	168	612626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	871927	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	803423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	411096	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	332670	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	5.50	113	310169	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
50) Toluene-d8	8.71	98	1145983	55.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.26%	
62) 4-Bromofluorobenzene	11.13	95	417519	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	243675	43.479	ug/l	99
3) Chloromethane	1.33	50	262718	43.511	ug/l	97
4) Vinyl Chloride	1.41	62	286396	45.416	ug/l	98
5) Bromomethane	1.64	94	267062	45.197	ug/l	97
6) Chloroethane	1.71	64	187036	42.835	ug/l	99
7) Trichlorofluoromethane	1.93	101	468381	47.640	ug/l	99
8) Diethyl Ether	2.19	74	187056	47.901	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	283231	49.064	ug/l	98
10) Methyl Iodide	2.51	142	413736	50.069	ug/l	100
11) Tert butyl alcohol	3.08	59	328392	222.862	ug/l	99
12) 1,1-Dichloroethene	2.37	96	254649	46.523	ug/l	97
13) Acrolein	2.29	56	208254	209.501	ug/l	98
14) Allyl chloride	2.73	41	458251	49.737	ug/l	99
15) Acrylonitrile	3.15	53	820986	250.937	ug/l	100
16) Acetone	2.45	43	776524	255.987	ug/l	99
17) Carbon Disulfide	2.57	76	591871	40.860	ug/l	100
18) Methyl Acetate	2.78	43	479628	53.771	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	929131	51.144	ug/l	99
20) Methylene Chloride	2.85	84	294978	47.026	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	277678	45.785	ug/l	96
22) Diisopropyl ether	3.87	45	877626	52.068	ug/l	98
23) Vinyl Acetate	3.82	43	3540712	256.812	ug/l	100
24) 1,1-Dichloroethane	3.70	63	502302	49.921	ug/l	98
25) 2-Butanone	4.70	43	1057059	247.733	ug/l	99
26) 2,2-Dichloropropane	4.59	77	391895	50.421	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	324801	48.540	ug/l	98
28) Bromochloromethane	5.02	49	237529	56.232	ug/l	99
29) Tetrahydrofuran	5.15	42	678181	241.317	ug/l	98
30) Chloroform	5.21	83	507472	48.703	ug/l	98
31) Cyclohexane	5.57	56	396900	43.420	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	441685	50.202	ug/l	99
36) 1,1-Dichloropropene	5.80	75	371309	51.417	ug/l	99
37) Ethyl Acetate	4.85	43	402265	53.519	ug/l	99
38) Carbon Tetrachloride	5.78	117	380398	54.201	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	402134	42.297	ug/l	98
40) Benzene	6.14	78	1118761	50.966	ug/l	99
41) Methacrylonitrile	5.06	41	227736	57.069	ug/l	99
42) 1,2-Dichloroethane	6.20	62	381327	50.980	ug/l	100
43) Isopropyl Acetate	6.46	43	662476	57.927	ug/l	98
44) Trichloroethene	7.21	130	332412	50.032	ug/l	97
45) 1,2-Dichloropropane	7.51	63	290463	54.375	ug/l	97
46) Dibromomethane	7.66	93	204173	51.963	ug/l	97
47) Bromodichloromethane	7.90	83	372779	57.146	ug/l	97
48) Methyl methacrylate	7.77	41	332683	57.204	ug/l	98
49) 1,4-Dioxane	7.75	88	132794	870.107	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2051911	281.985	ug/l	99
52) Toluene	8.79	92	744391	52.491	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	418597	59.832	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	456217	59.430	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	314764	54.226	ug/l	99
56) Ethyl methacrylate	9.18	69	468529	57.109	ug/l	96
57) 1,3-Dichloropropane	9.37	76	498708	53.400	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1239902	284.311	ug/l	99
59) 2-Hexanone	9.49	43	1568533	281.730	ug/l	100
60) Dibromochloromethane	9.59	129	327644	53.784	ug/l	98
61) 1,2-Dibromoethane	9.67	107	335808	54.421	ug/l	98
64) Tetrachloroethene	9.34	164	317302	49.875	ug/l	95
65) Chlorobenzene	10.14	112	877509	51.627	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	315256	59.448	ug/l	100
67) Ethyl Benzene	10.25	91	1445527	52.045	ug/l	100
68) m/p-Xylenes	10.36	106	1146946	104.651	ug/l	99
69) o-Xylene	10.69	106	560168	51.760	ug/l	98
70) Styrene	10.71	104	927048	54.144	ug/l	100
71) Bromoform	10.86	173	244921	51.095	ug/l	100
73) Isopropylbenzene	11.02	105	1446364	51.428	ug/l	99
74) N-amyl acetate	10.90	43	603852	59.985	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	462771	55.328	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	525792	68.822	ug/l	92
77) Bromobenzene	11.26	156	403684	53.093	ug/l	99
78) n-propylbenzene	11.36	91	1616348	52.191	ug/l	99
79) 2-Chlorotoluene	11.42	91	959497	51.124	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1170007	50.508	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	131616	52.222	ug/l	99
82) 4-Chlorotoluene	11.51	91	1129729	52.476	ug/l	100
83) tert-Butylbenzene	11.77	119	1178879	50.848	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1206662	49.524	ug/l	99
85) sec-Butylbenzene	11.94	105	1323019	46.544	ug/l	100
86) p-Isopropyltoluene	12.06	119	1195225	47.834	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	716078	52.256	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	723615	51.511	ug/l	100
89) n-Butylbenzene	12.39	91	1018915	47.915	ug/l	99
90) Hexachloroethane	12.60	117	178756	45.994	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	703900	51.350	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	93289	53.904	ug/l	98

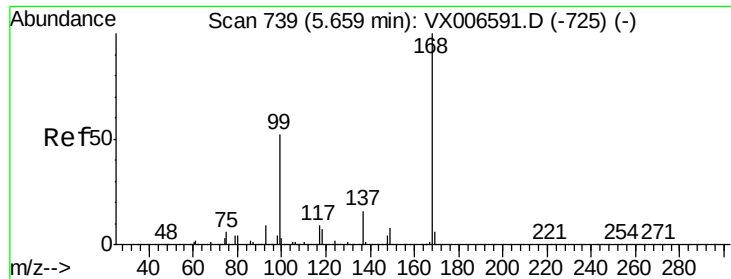
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX122818\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	450311	47.623	ug/l	98
94) Hexachlorobutadiene	13.78	225	182531	40.955	ug/l	99
95) Naphthalene	13.83	128	1401126	46.427	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	443564	45.434	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

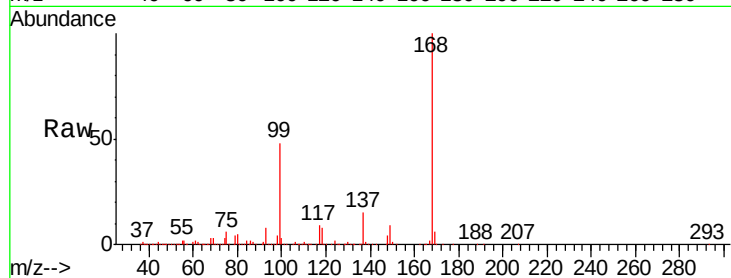
VSTDCCC050

Tgt Ion:168 Resp: 612626

Ion Ratio Lower Upper

168 100

99 48.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

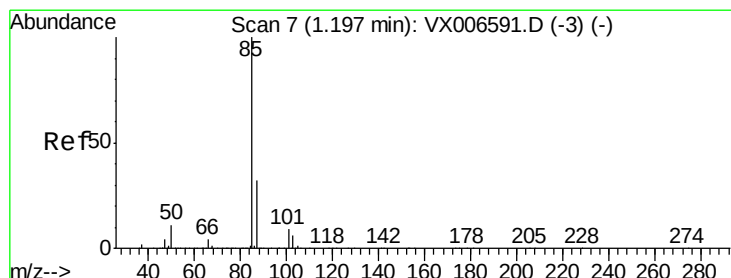
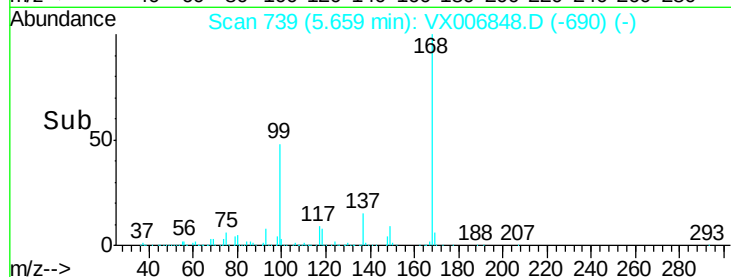
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 43.479 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006848.D

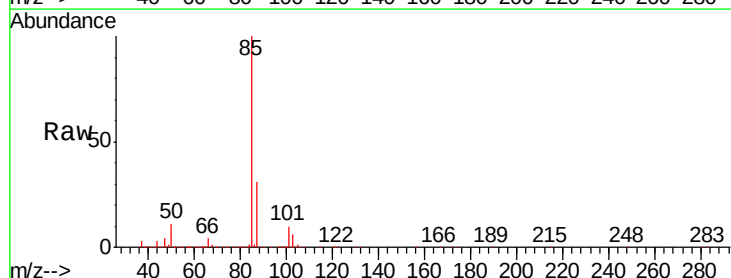
Acq: 28 Dec 2018 09:12

Tgt Ion: 85 Resp: 243675

Ion Ratio Lower Upper

85 100

87 31.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

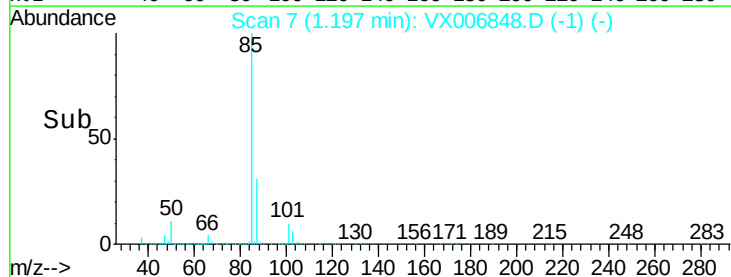
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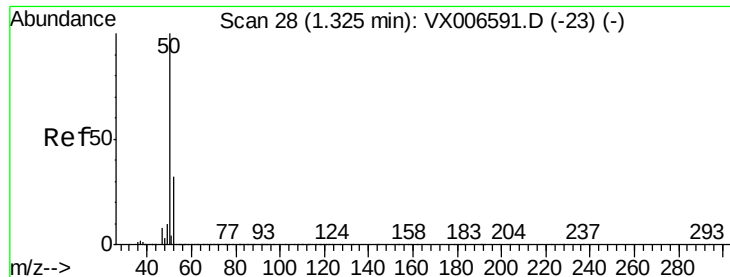
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50000

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Time-->





#3

Chloromethane

Concen: 43.511 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

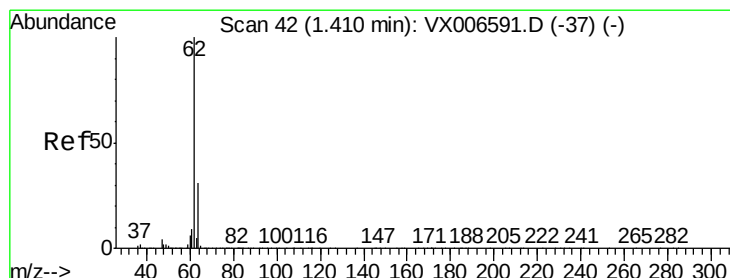
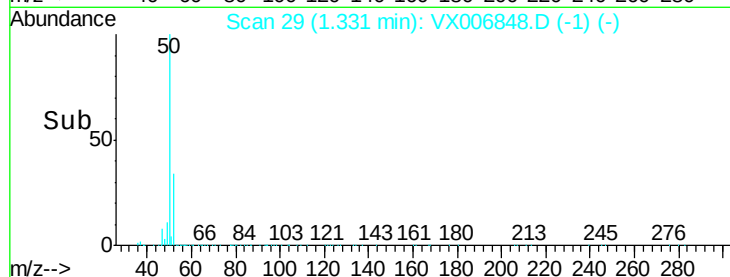
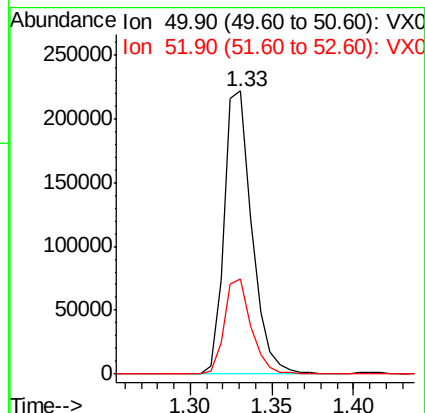
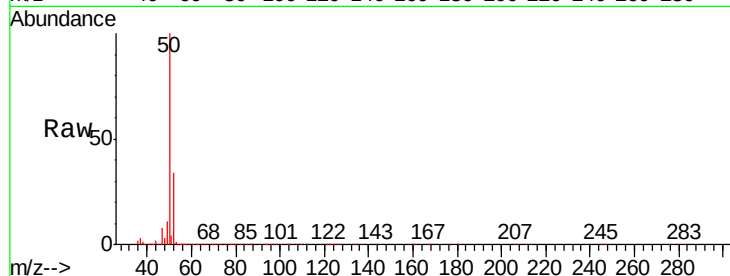
VSTDCCC050

Tgt Ion: 50 Resp: 262718

Ion Ratio Lower Upper

50 100

52 33.5 25.4 38.2



#4

Vinyl Chloride

Concen: 45.416 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006848.D

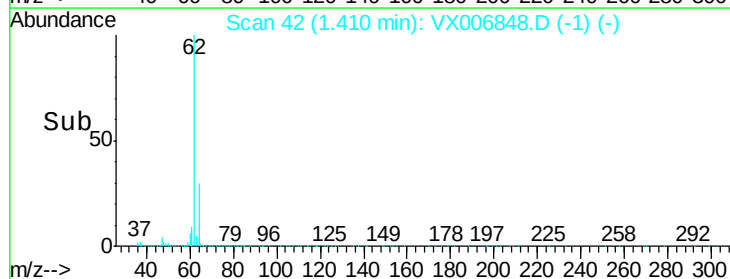
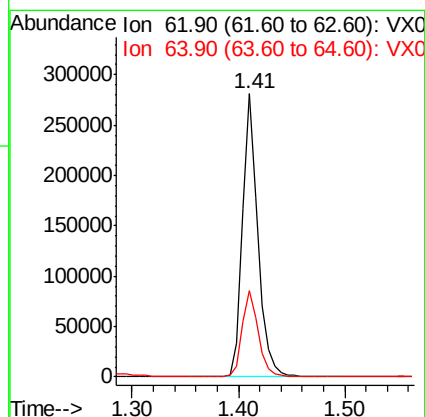
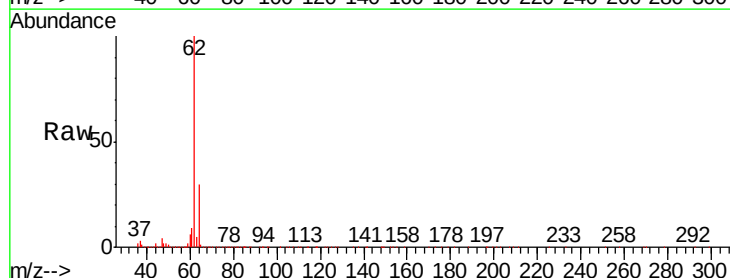
Acq: 28 Dec 2018 09:12

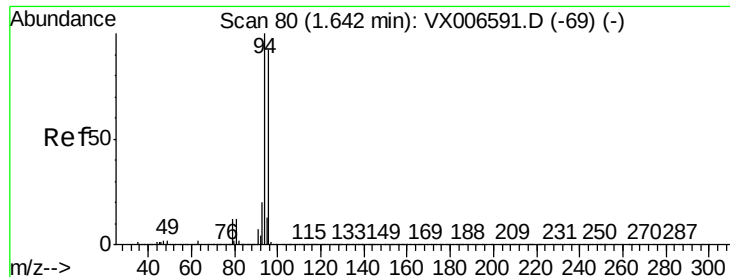
Tgt Ion: 62 Resp: 286396

Ion Ratio Lower Upper

62 100

64 30.2 25.1 37.7





#5

Bromomethane

Concen: 45.197 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

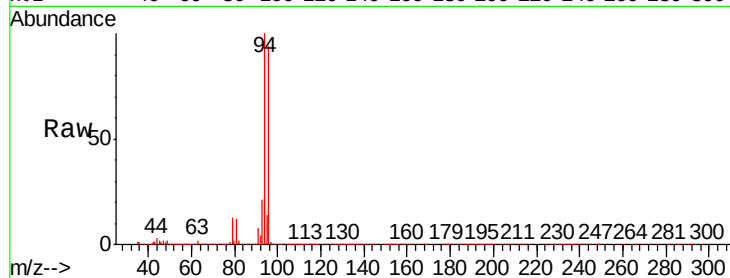
VSTDCCC050

Tgt Ion: 94 Resp: 267062

Ion Ratio Lower Upper

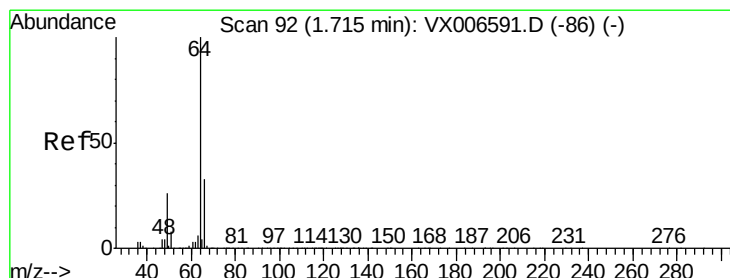
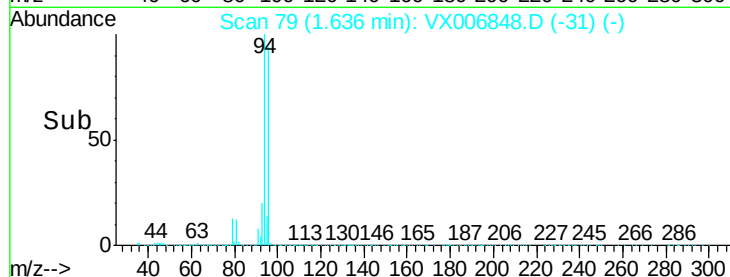
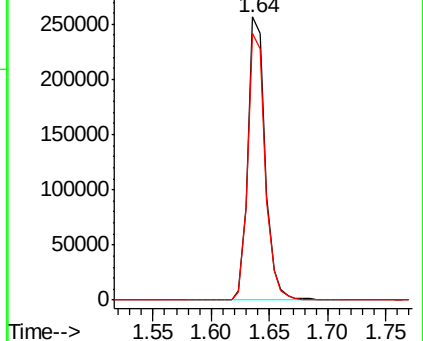
94 100

96 94.4 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 42.835 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX006848.D

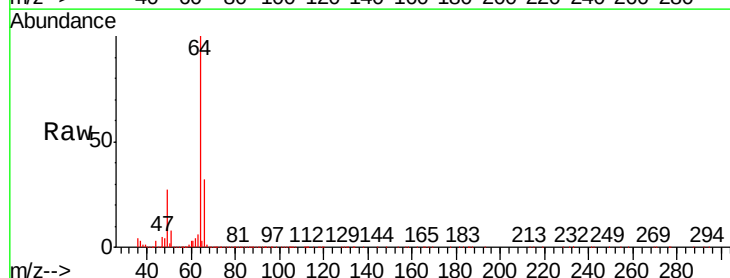
Acq: 28 Dec 2018 09:12

Tgt Ion: 64 Resp: 187036

Ion Ratio Lower Upper

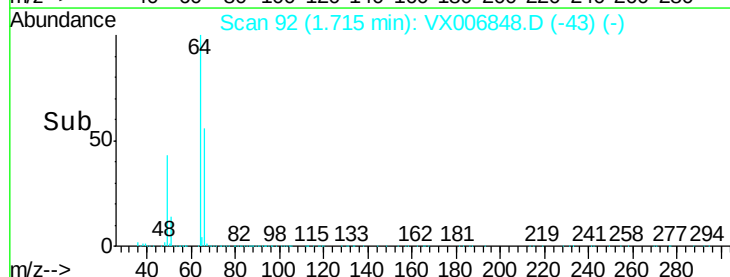
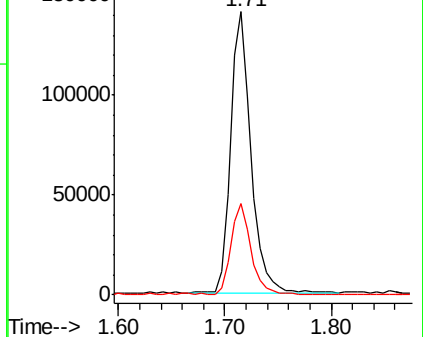
64 100

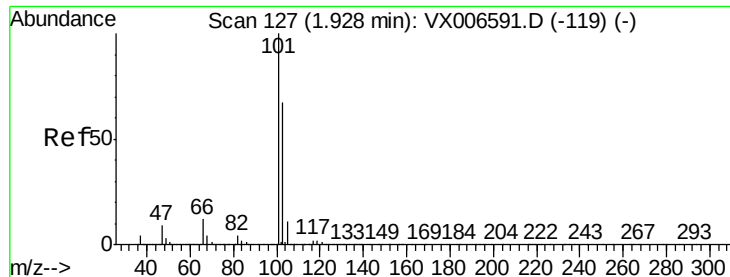
66 32.4 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



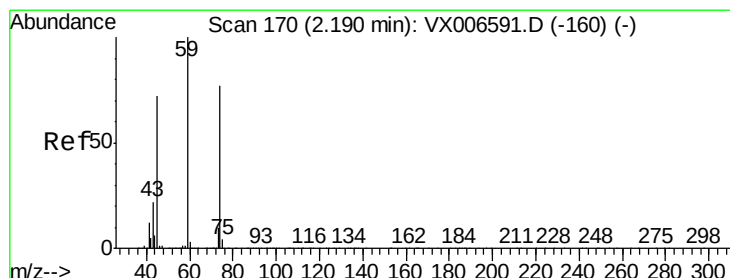
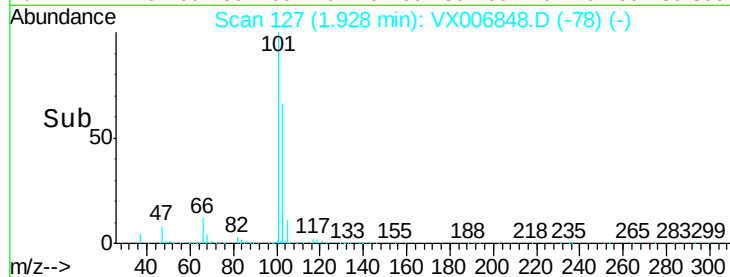
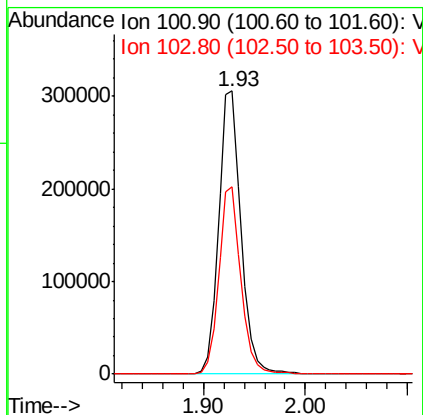
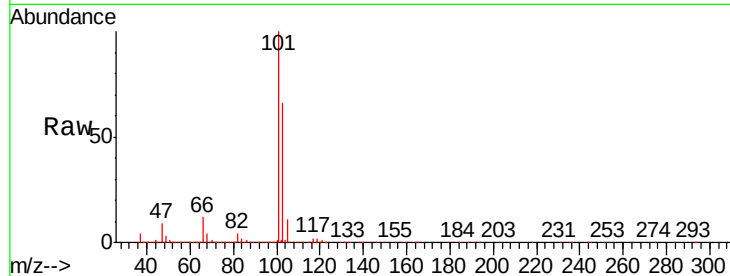


#7

Trichlorofluoromethane
Concen: 47.640 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

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VSTDCCC050

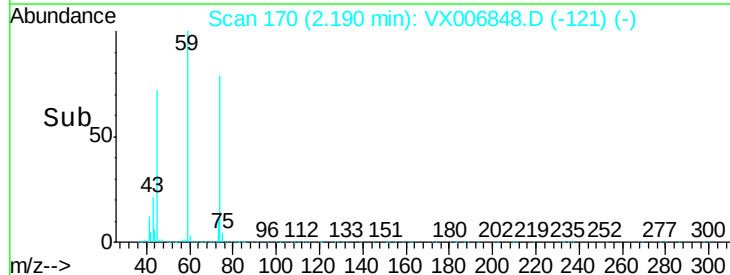
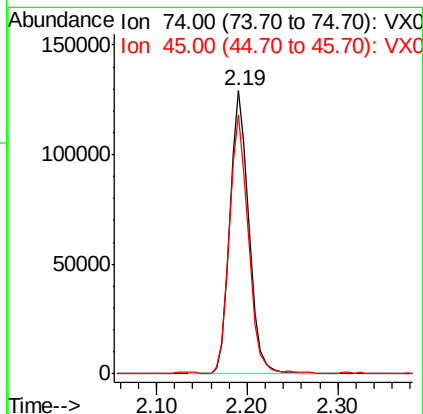
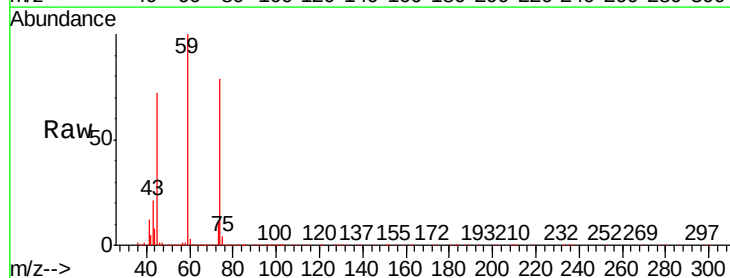
Tgt Ion:101 Resp: 468381
Ion Ratio Lower Upper
101 100
103 65.9 53.2 79.8

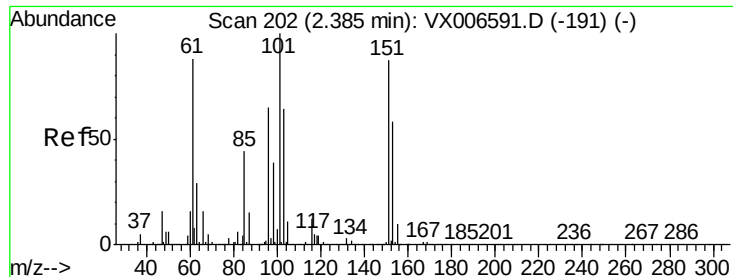


#8

Diethyl Ether
Concen: 47.901 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion: 74 Resp: 187056
Ion Ratio Lower Upper
74 100
45 91.9 46.3 138.9

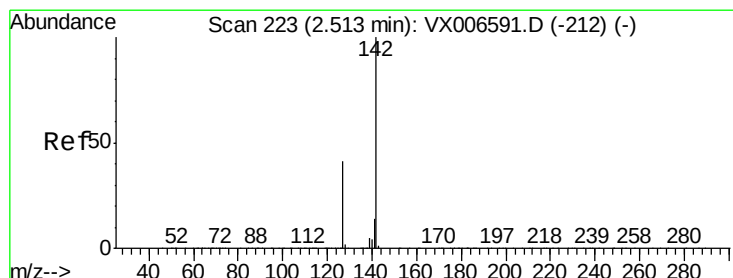
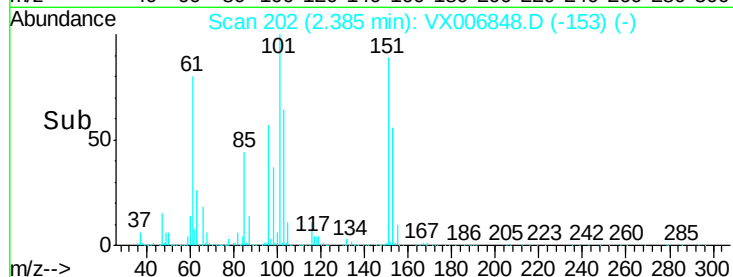
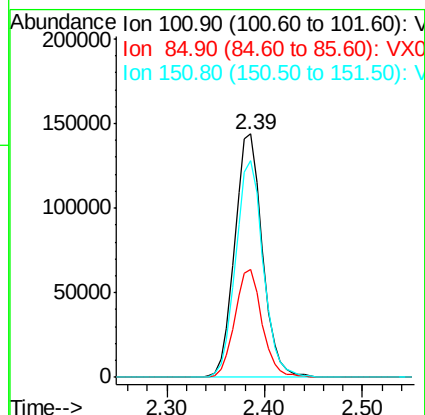
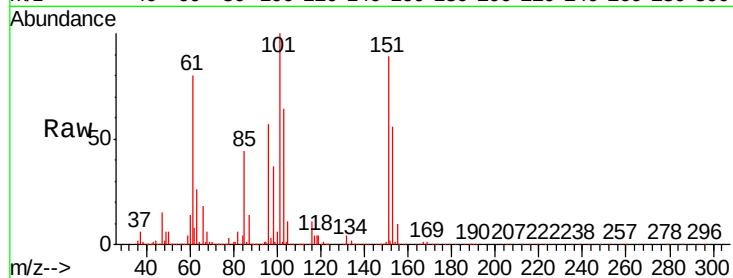




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.064 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

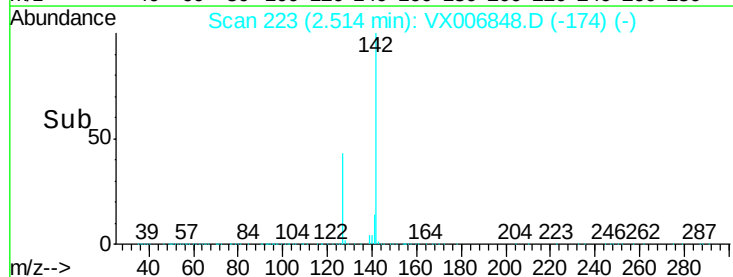
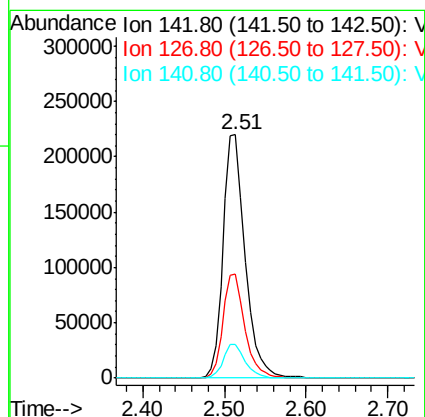
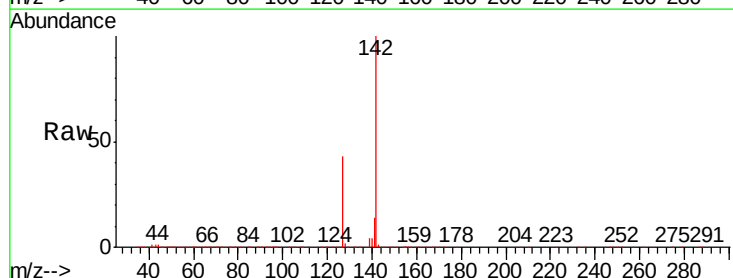
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

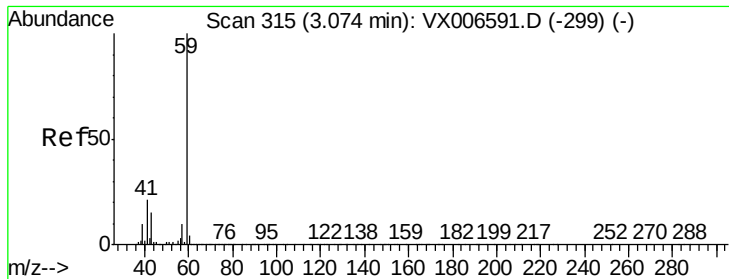
Tgt Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.1	52.7
151	88.7	68.9	103.3



#10
 Methyl Iodide
 Concen: 50.069 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.2	33.9	50.9
141	14.0	11.4	17.0



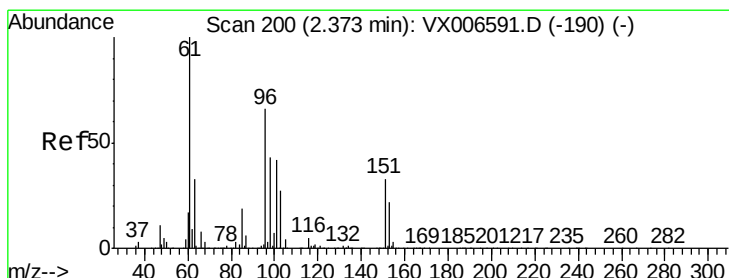
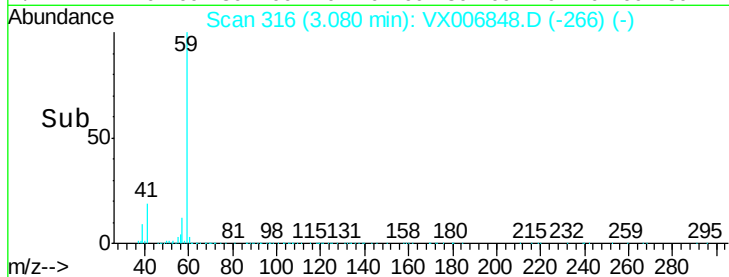
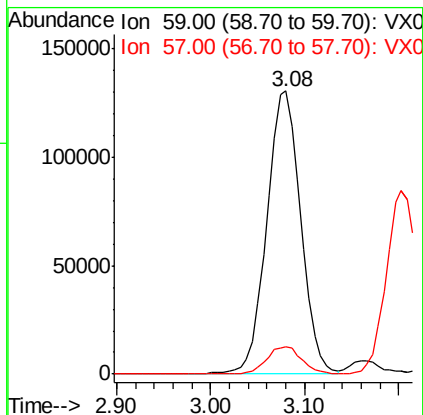
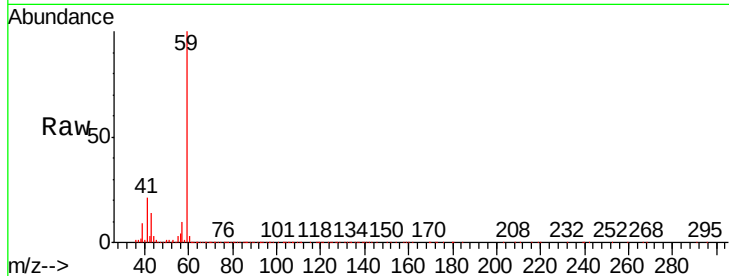


#11

Tert butyl alcohol
Concen: 222.862 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

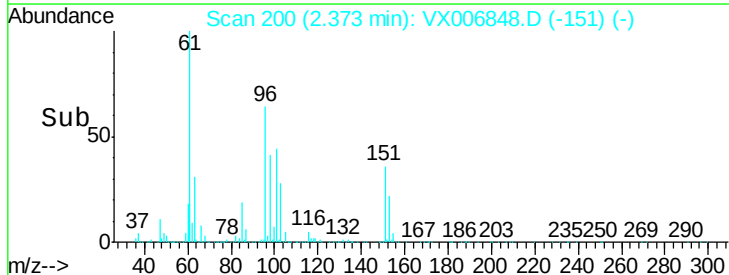
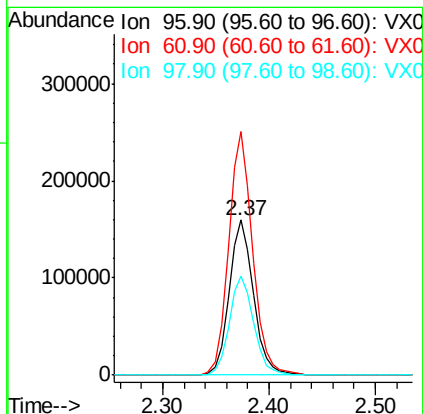
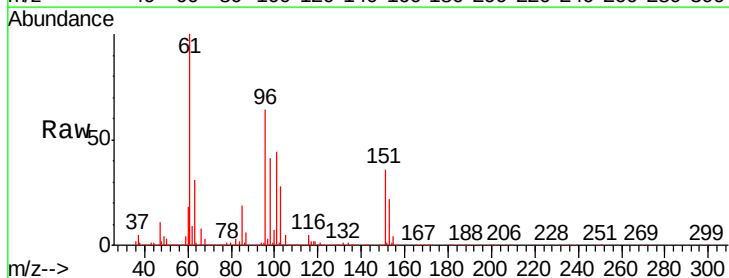
Tgt Ion: 59 Resp: 328392
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

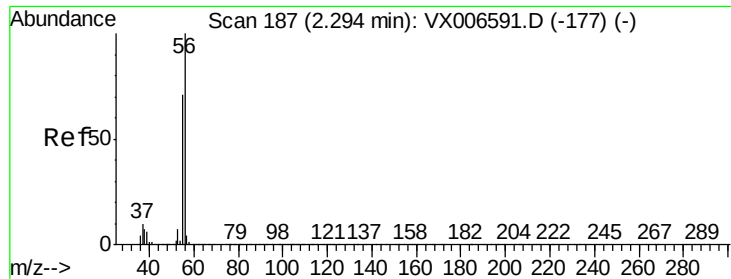


#12

1,1-Dichloroethene
Concen: 46.523 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion: 96 Resp: 254649
Ion Ratio Lower Upper
96 100
61 156.9 121.4 182.2
98 64.0 51.9 77.9

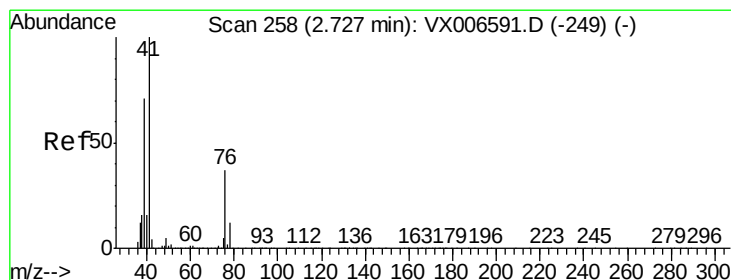
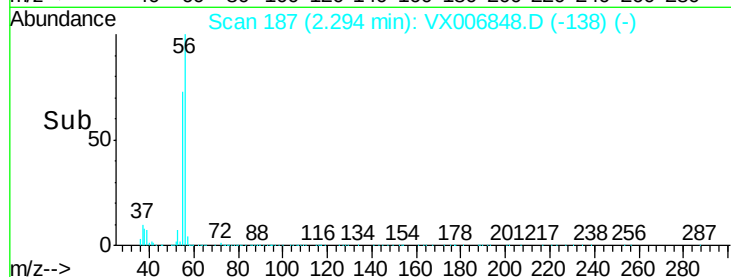
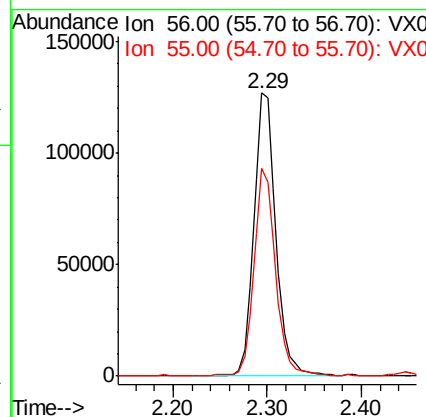
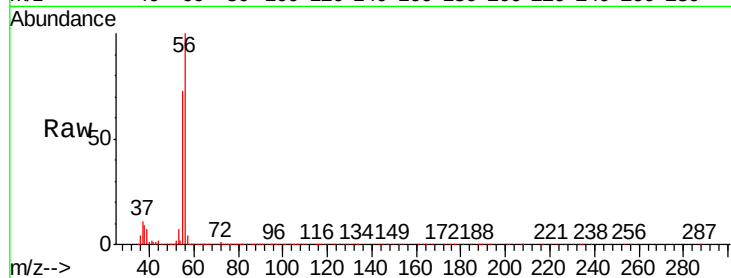




#13
Acrolein
Concen: 209.501 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

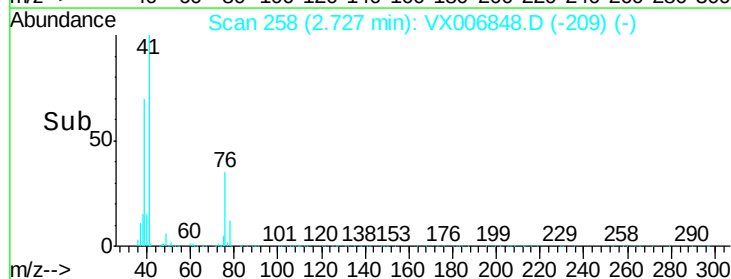
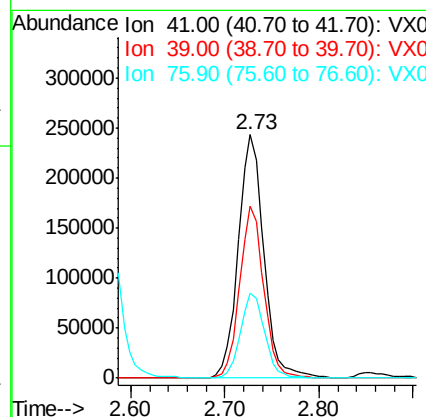
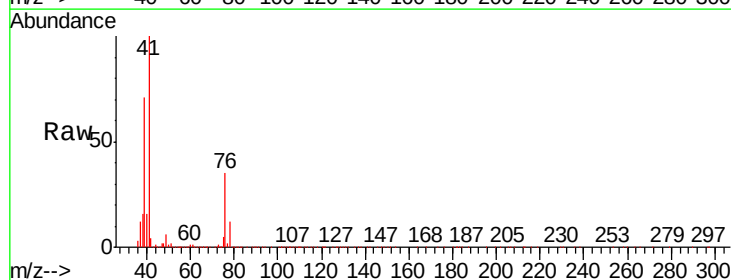
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

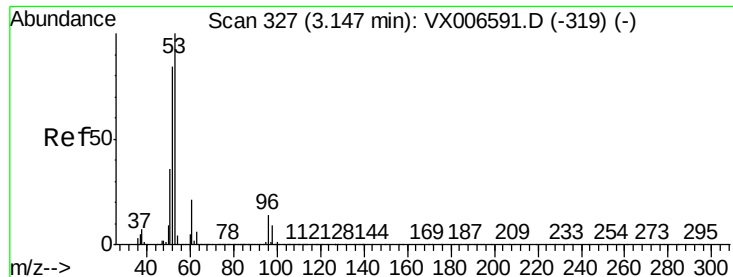
Tgt Ion: 56 Resp: 208254
Ion Ratio Lower Upper
56 100
55 71.4 58.2 87.4



#14
Allyl chloride
Concen: 49.737 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion: 41 Resp: 458251
Ion Ratio Lower Upper
41 100
39 66.4 53.6 80.4
76 33.1 27.4 41.2





#15

Acrylonitrile

Concen: 250.937 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

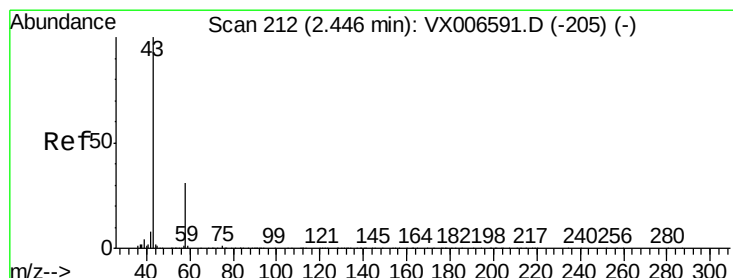
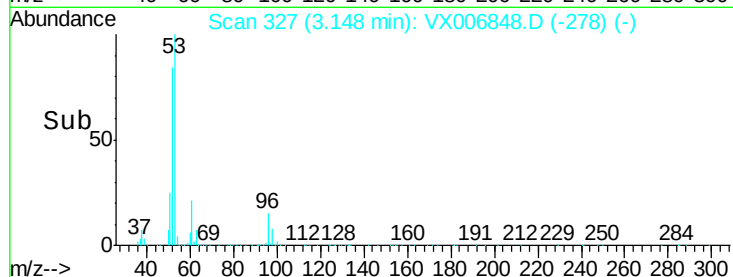
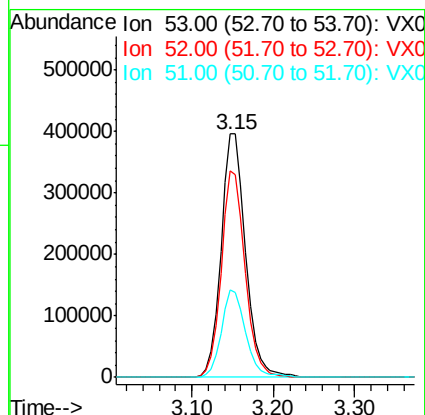
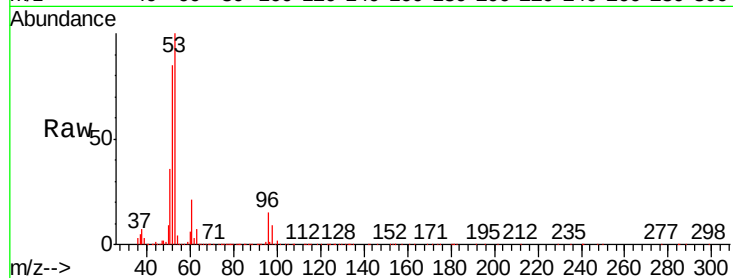
Tgt Ion: 53 Resp: 820986

Ion Ratio Lower Upper

53 100

52 82.8 66.0 99.0

51 35.8 28.6 42.8



#16

Acetone

Concen: 255.987 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006848.D

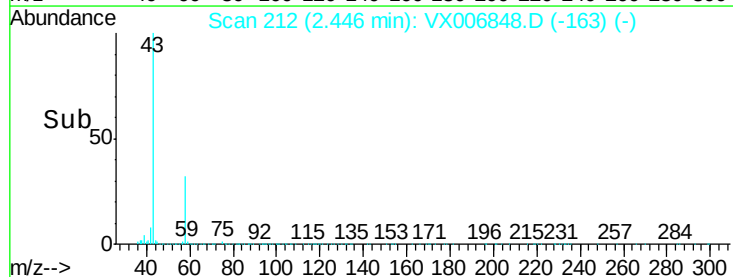
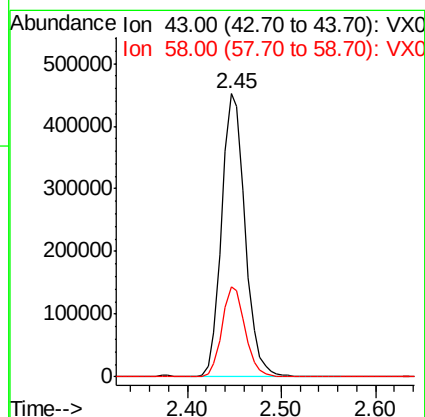
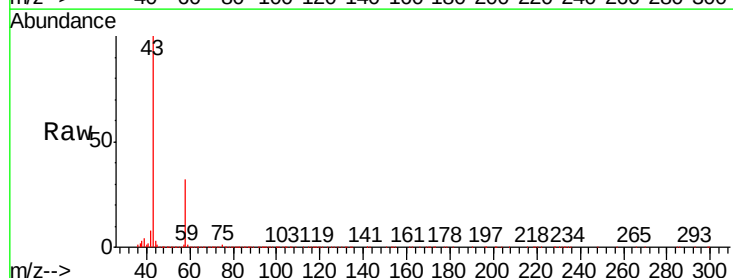
Acq: 28 Dec 2018 09:12

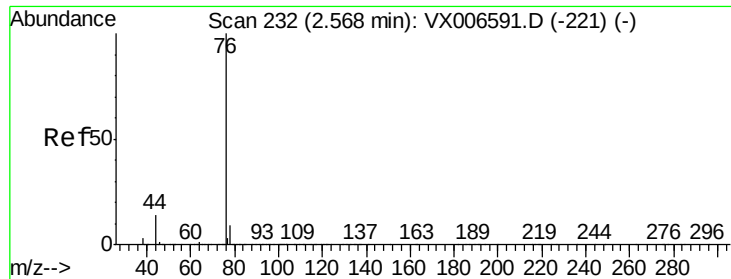
Tgt Ion: 43 Resp: 776524

Ion Ratio Lower Upper

43 100

58 31.9 25.0 37.6

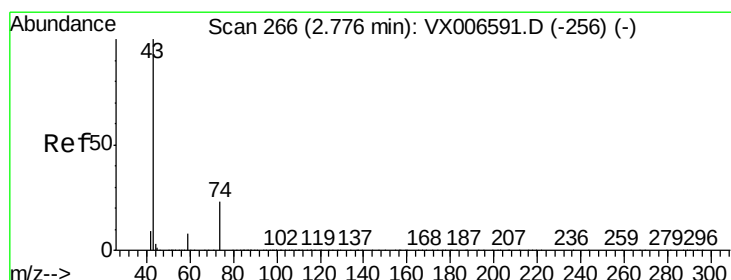
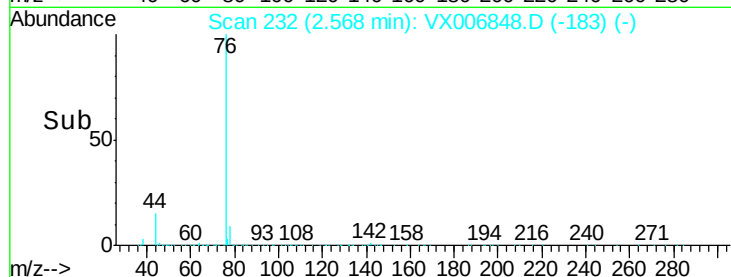
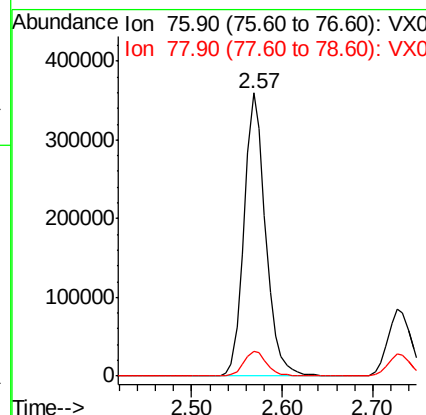
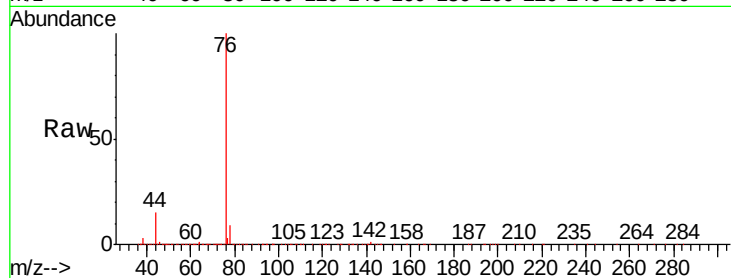




#17
Carbon Disulfide
Concen: 40.860 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

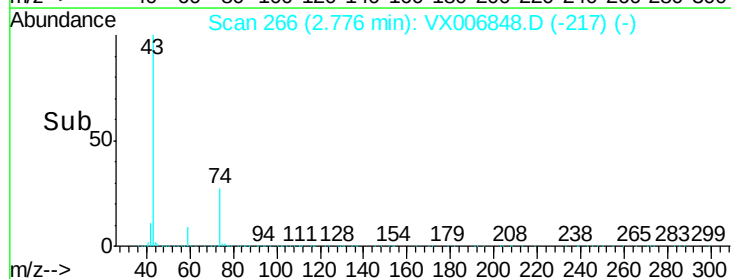
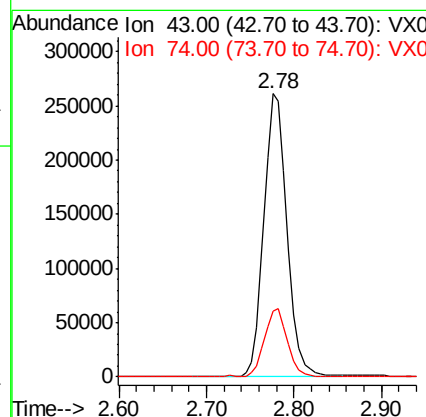
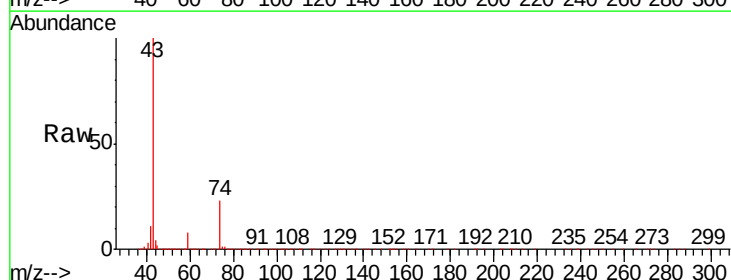
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

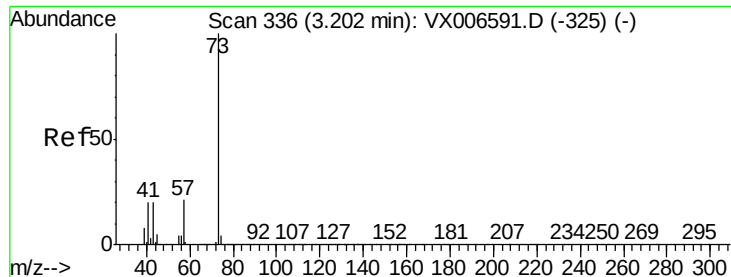
Tgt Ion: 76 Resp: 591871
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#18
Methyl Acetate
Concen: 53.771 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion: 43 Resp: 479628
Ion Ratio Lower Upper
43 100
74 23.9 18.6 28.0



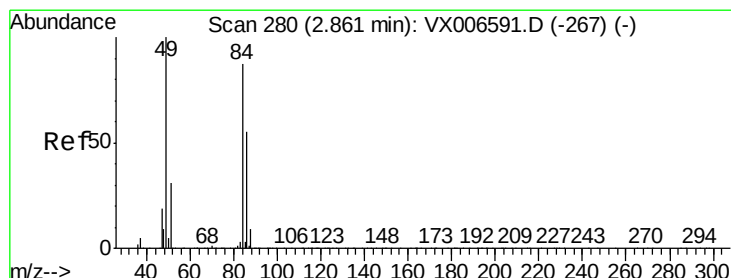
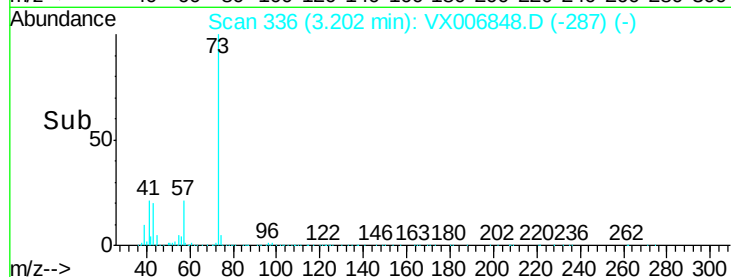
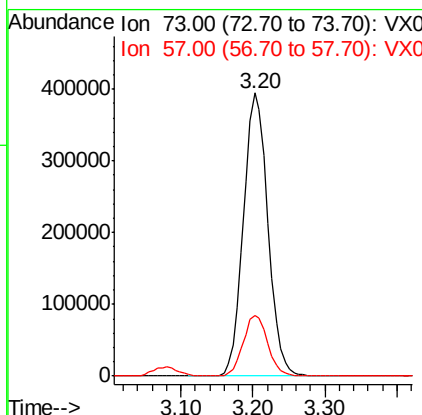
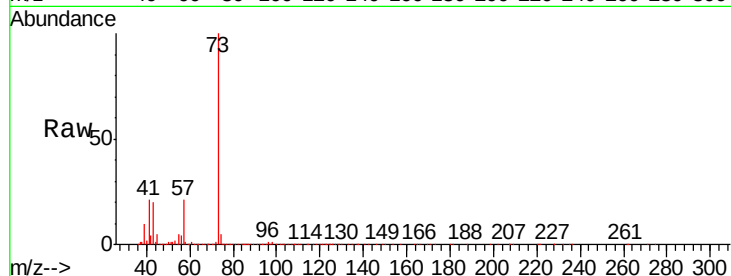


#19

Methyl tert-butyl Ether
 Concen: 51.144 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

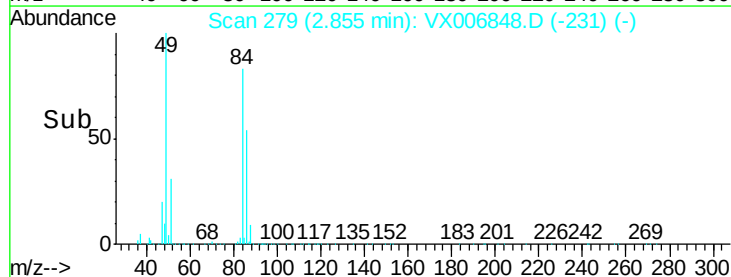
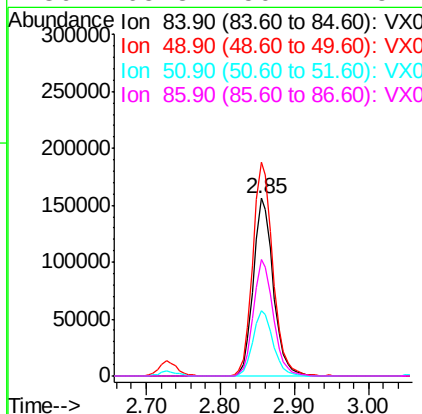
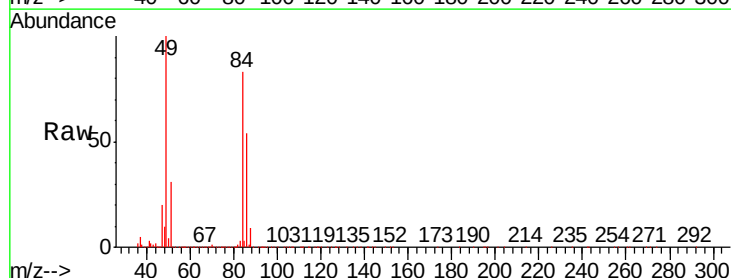
Tgt Ion: 73 Resp: 929131
 Ion Ratio Lower Upper
 73 100
 57 21.4 16.8 25.2

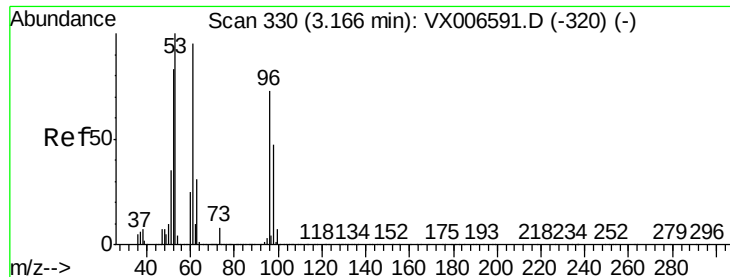


#20

Methylene Chloride
 Concen: 47.026 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion: 84 Resp: 294978
 Ion Ratio Lower Upper
 84 100
 49 119.8 91.8 137.6
 51 36.7 28.5 42.7
 86 65.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 45.785 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

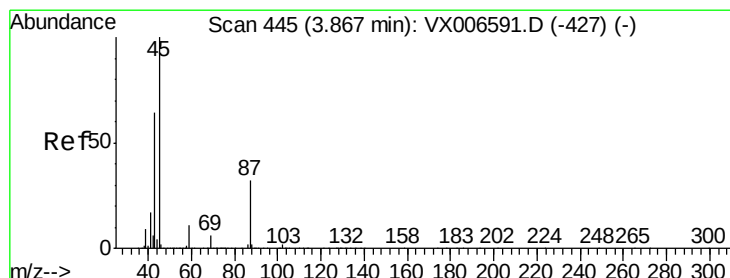
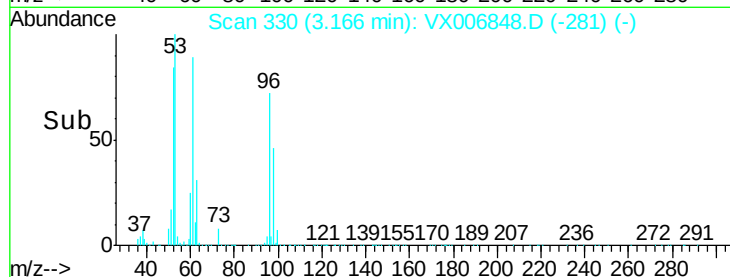
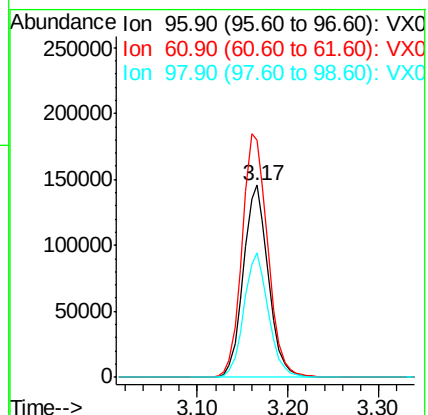
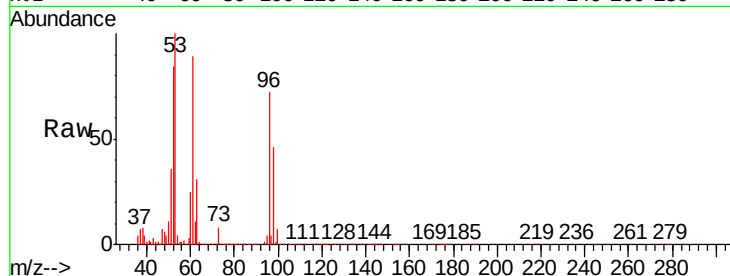
Tgt Ion: 96 Resp: 277678

Ion Ratio Lower Upper

96 100

61 123.2 103.7 155.5

98 64.4 51.0 76.6



#22

Diisopropyl ether

Concen: 52.068 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Tgt Ion: 45 Resp: 877626

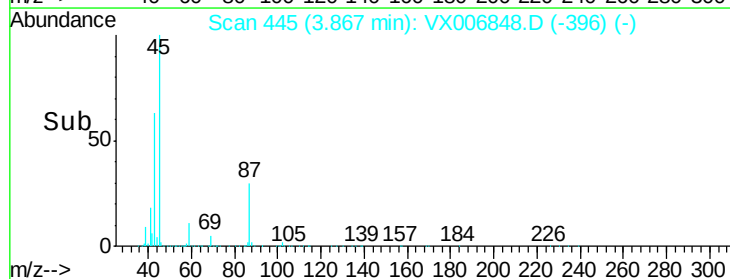
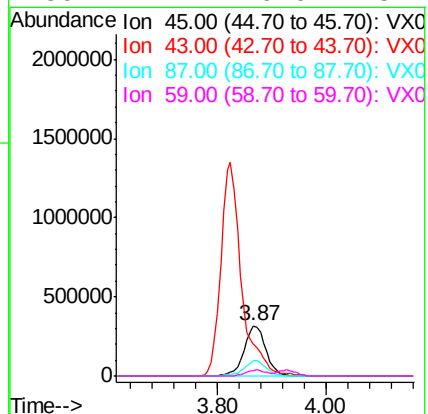
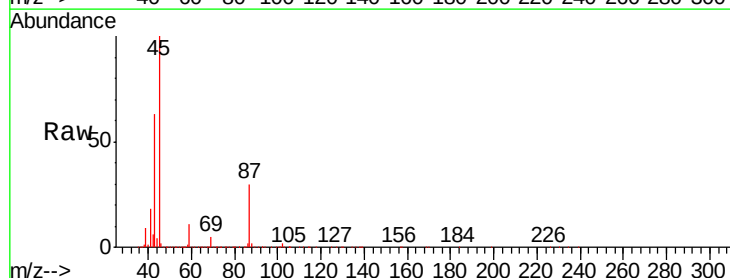
Ion Ratio Lower Upper

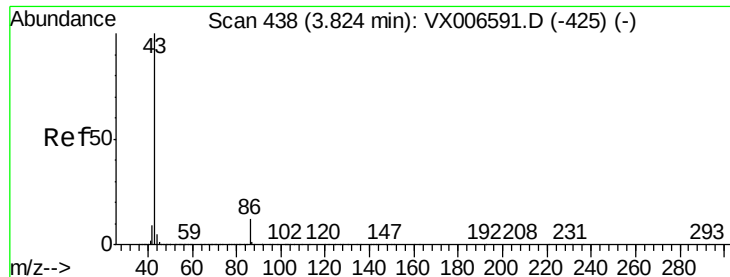
45 100

43 63.1 51.2 76.8

87 30.2 25.8 38.6

59 11.4 9.0 13.4





#23

Vinyl Acetate

Concen: 256.812 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

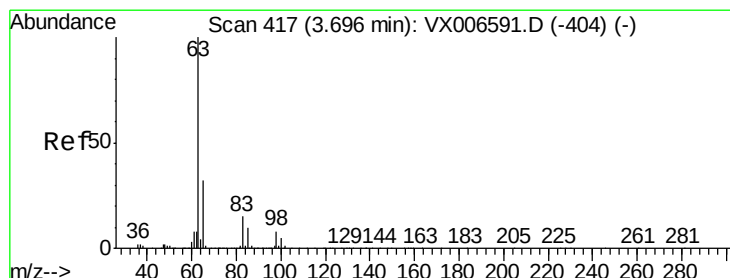
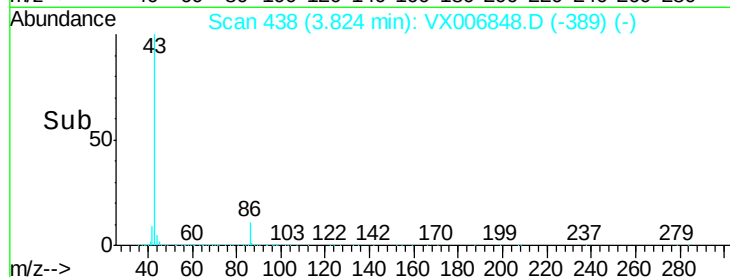
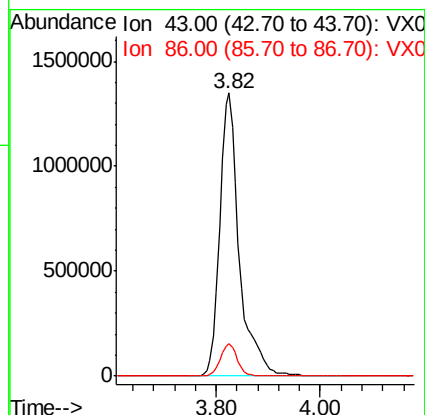
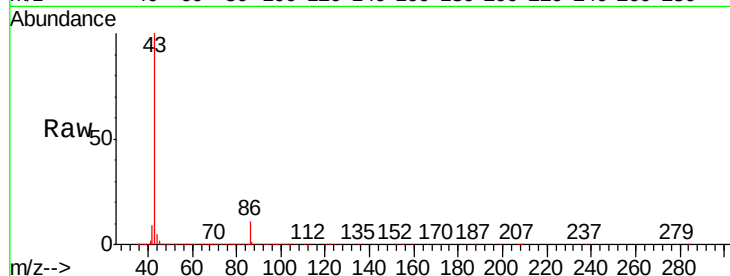
VSTDCCC050

Tgt Ion: 43 Resp: 3540712

Ion Ratio Lower Upper

43 100

86 11.4 9.2 13.8



#24

1,1-Dichloroethane

Concen: 49.921 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

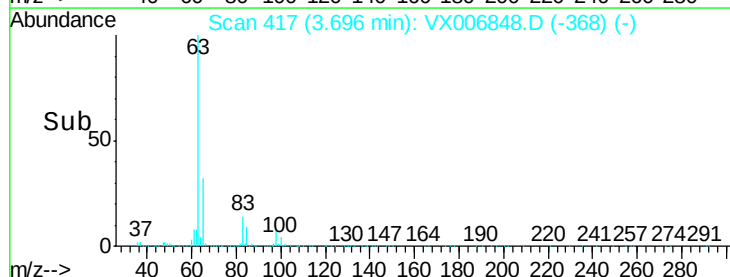
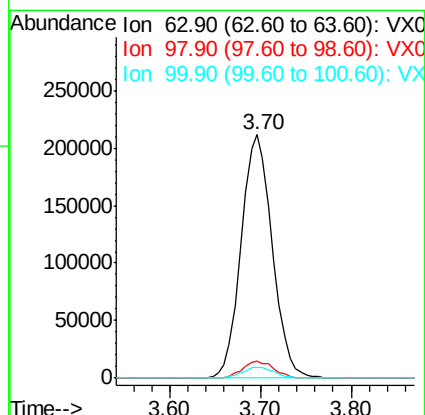
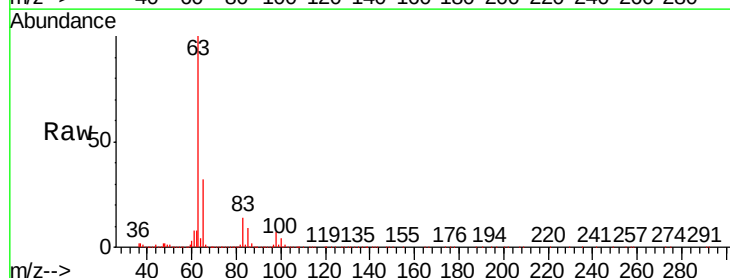
Tgt Ion: 63 Resp: 502302

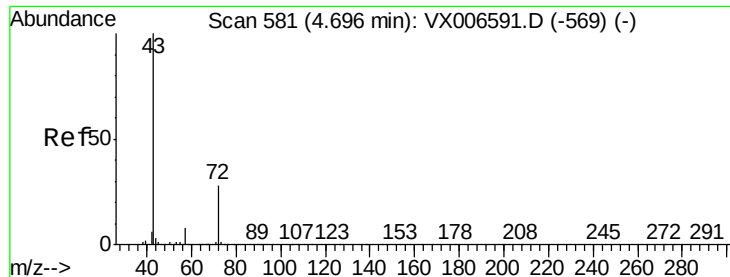
Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.5

100 4.2 2.4 7.2

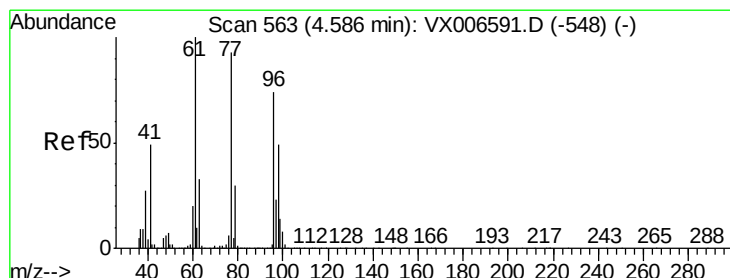
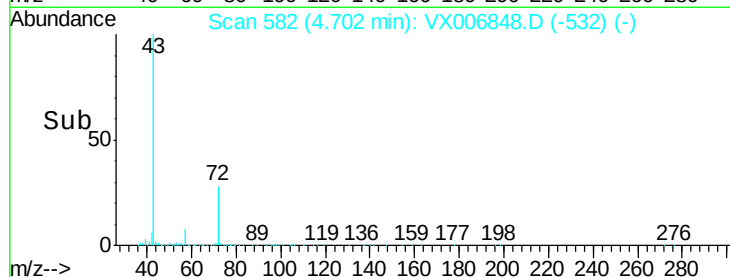
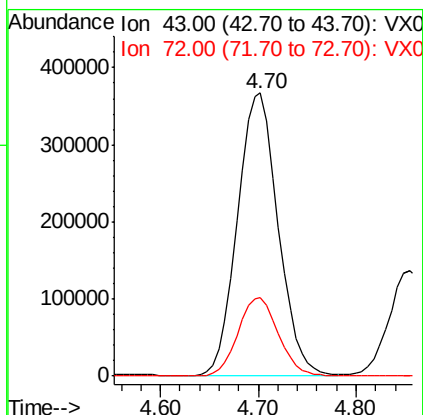
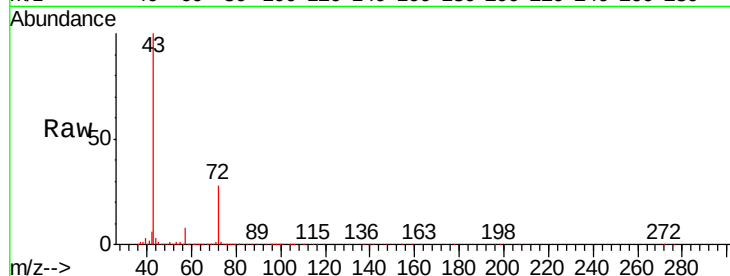




#25
2-Butanone
Concen: 247.733 ug/l
RT: 4.70 min Scan# 582
Delta R.T. 0.01 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

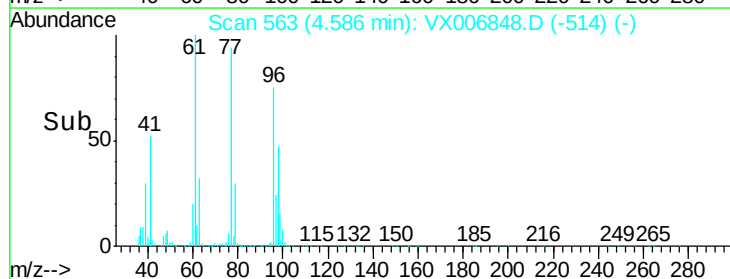
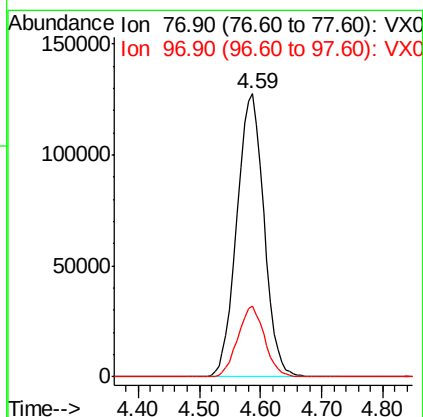
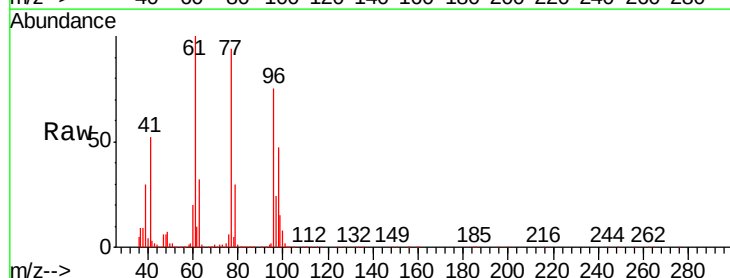
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

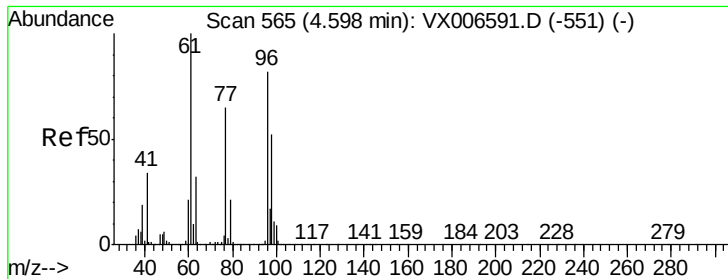
Tgt Ion: 43 Resp: 1057059
Ion Ratio Lower Upper
43 100
72 27.6 22.4 33.6



#26
2,2-Dichloropropane
Concen: 50.421 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion: 77 Resp: 391895
Ion Ratio Lower Upper
77 100
97 24.7 12.4 37.4



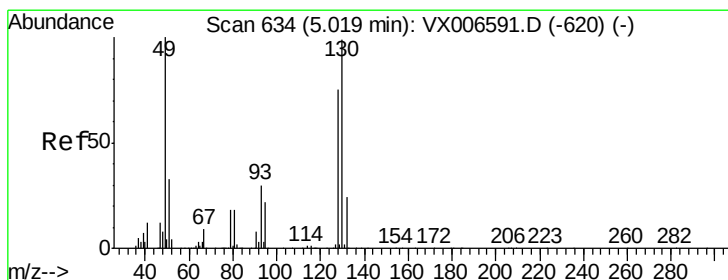
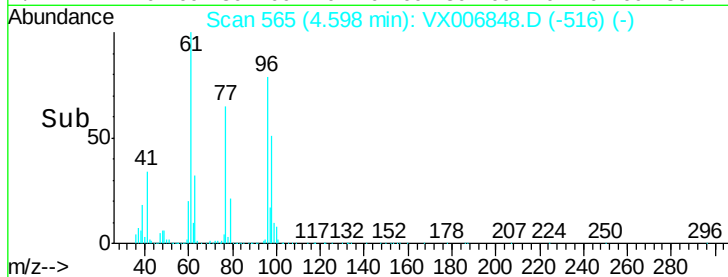
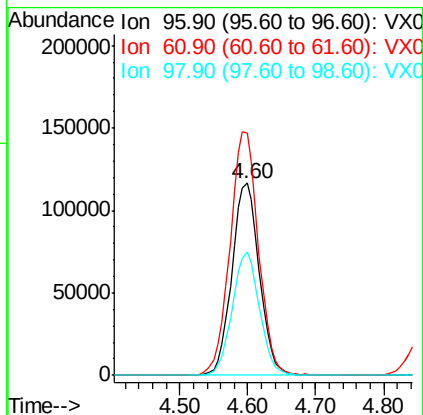
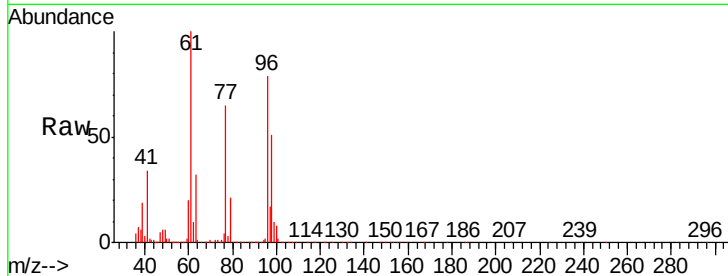


#27

cis-1,2-Dichloroethene
 Concen: 48.540 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

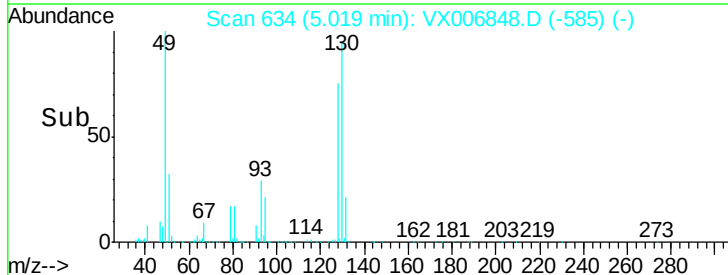
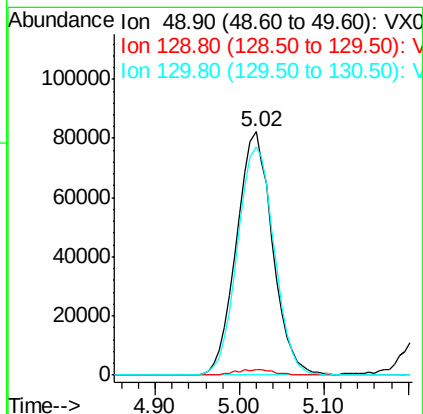
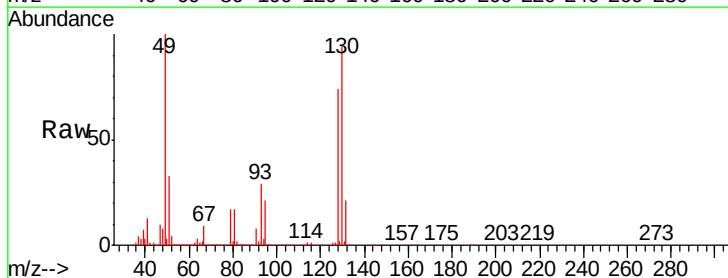
Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.2	0.0	258.6
98	64.0	0.0	132.0

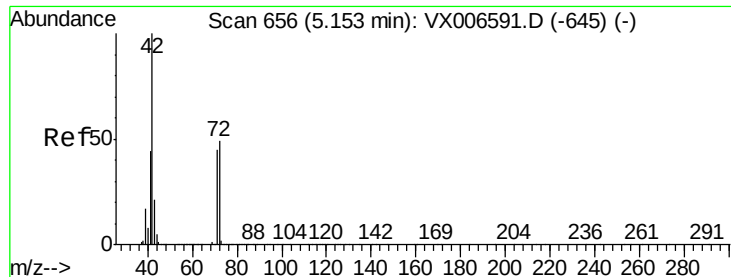


#28

Bromochloromethane
 Concen: 56.232 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	96.1	77.7	116.5





#29

Tetrahydrofuran

Concen: 241.317 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

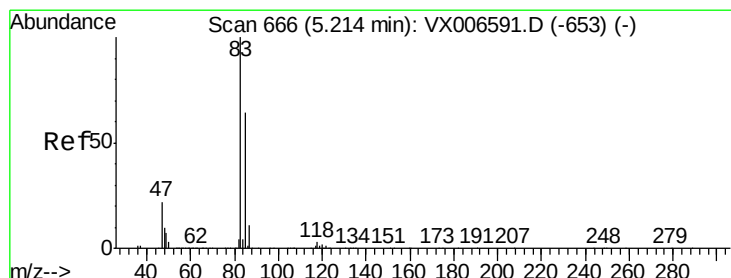
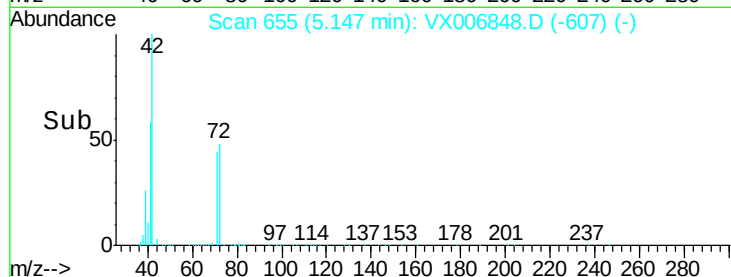
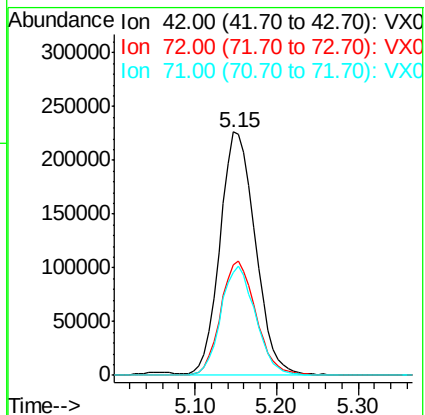
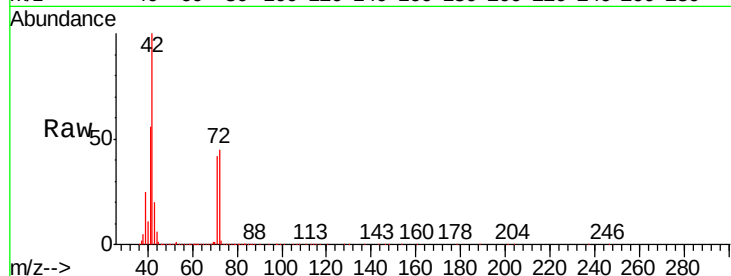
Tgt Ion: 42 Resp: 678181

Ion Ratio Lower Upper

42 100

72 47.1 38.9 58.3

71 44.2 36.2 54.4



#30

Chloroform

Concen: 48.703 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006848.D

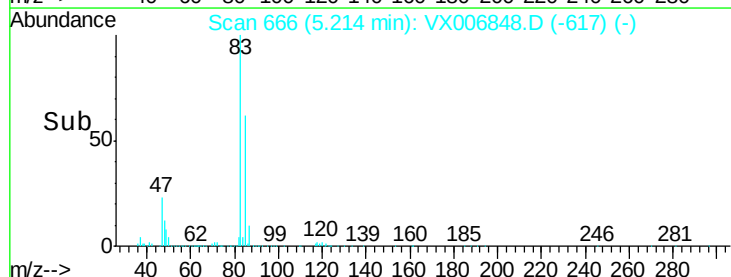
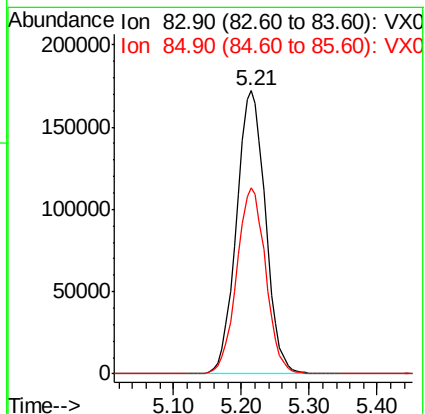
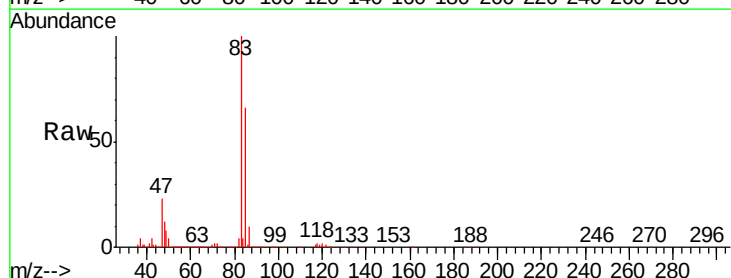
Acq: 28 Dec 2018 09:12

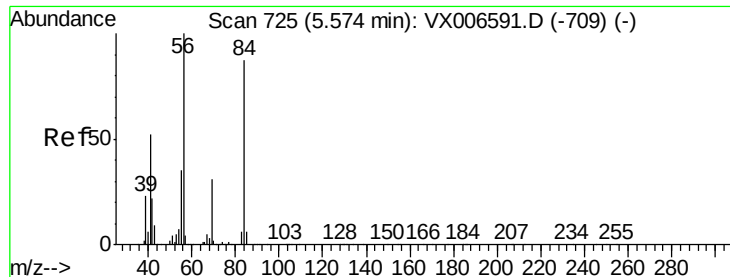
Tgt Ion: 83 Resp: 507472

Ion Ratio Lower Upper

83 100

85 65.7 51.2 76.8

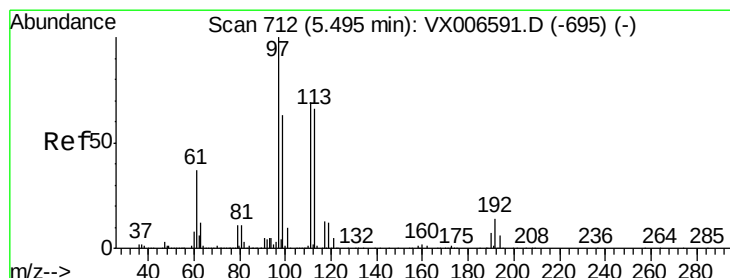
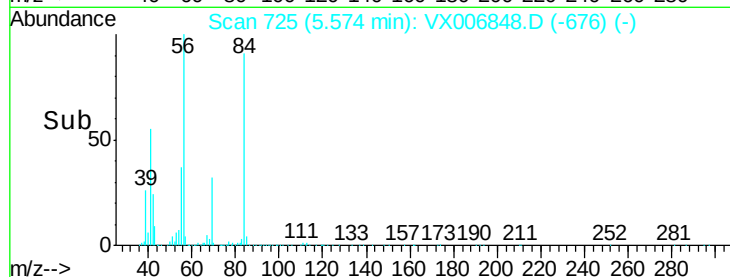
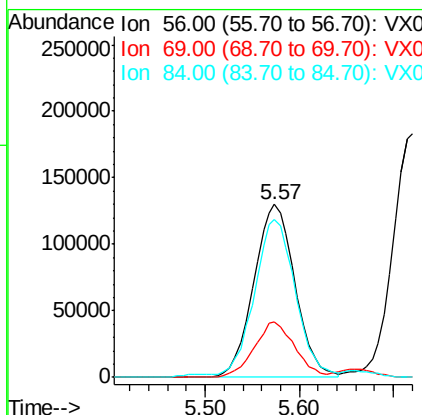
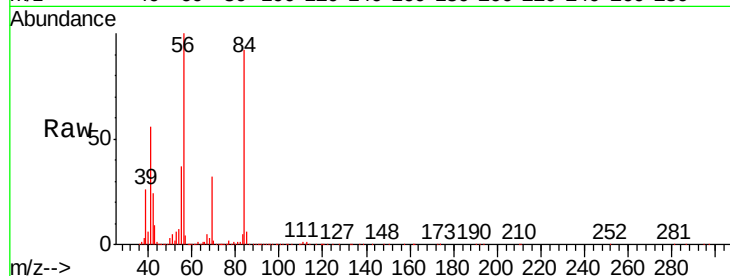




#31
Cyclohexane
Concen: 43.420 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

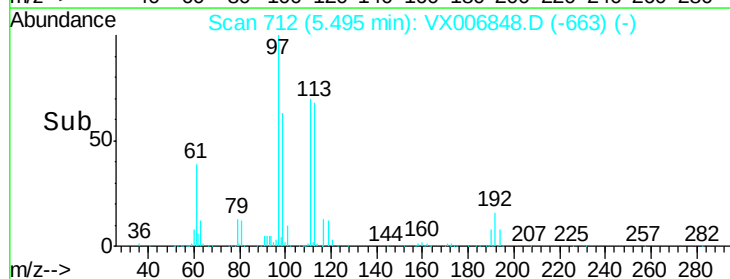
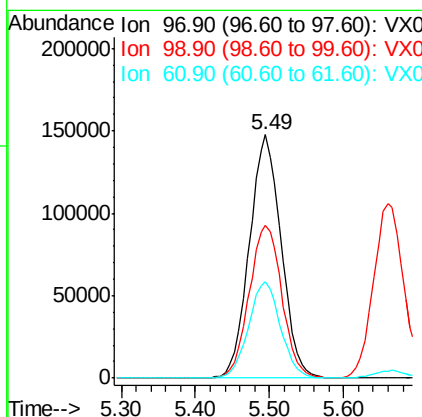
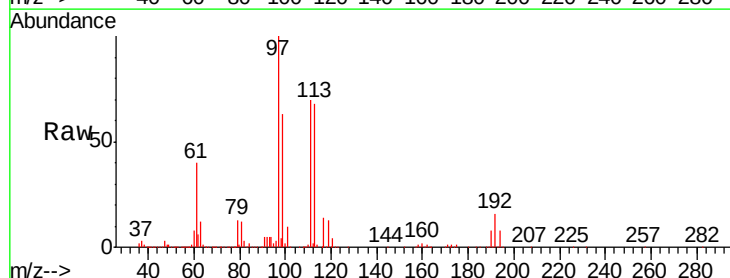
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

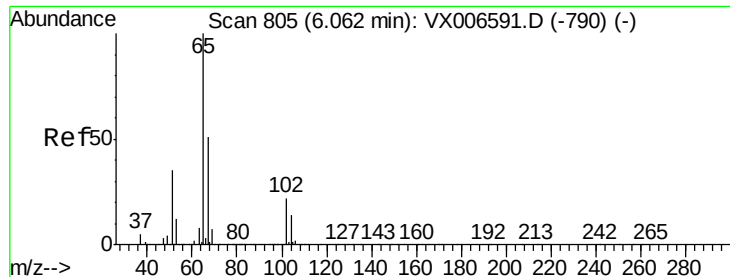
Tgt Ion: 56 Resp: 396900
Ion Ratio Lower Upper
56 100
69 32.0 24.4 36.6
84 89.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.202 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion: 97 Resp: 441685
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 39.8 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 50.385 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

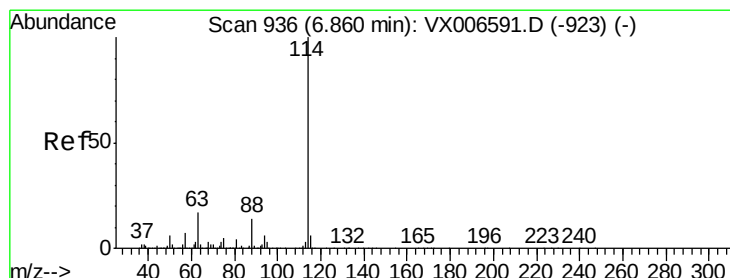
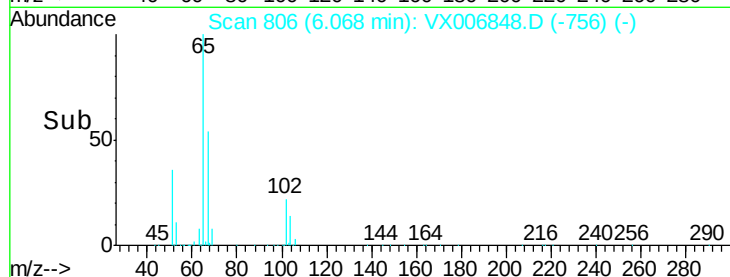
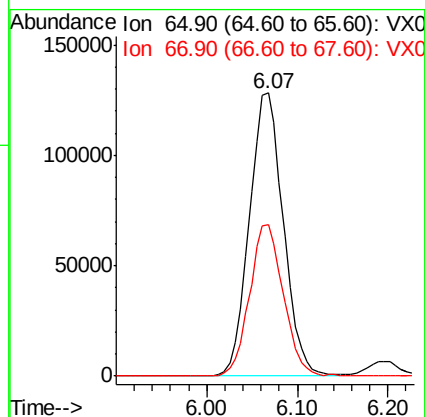
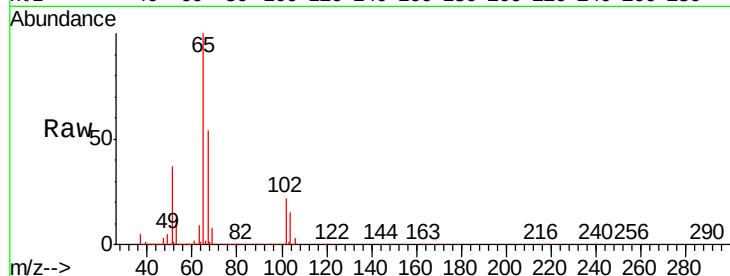
VSTDCCC050

Tgt Ion: 65 Resp: 332670

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

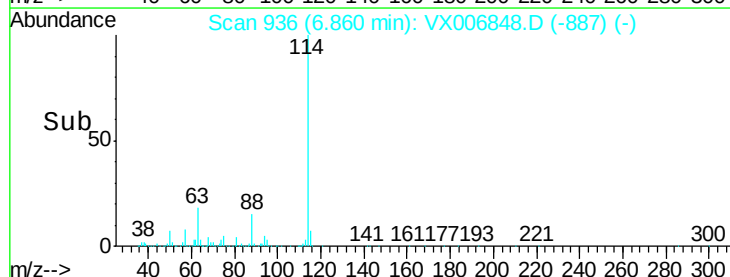
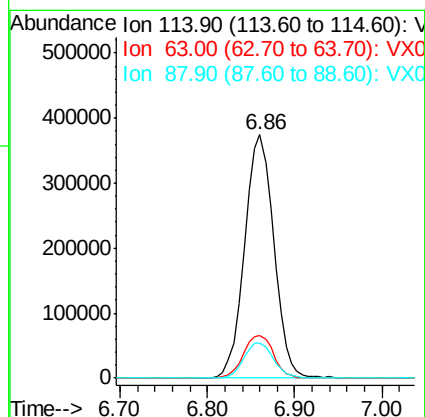
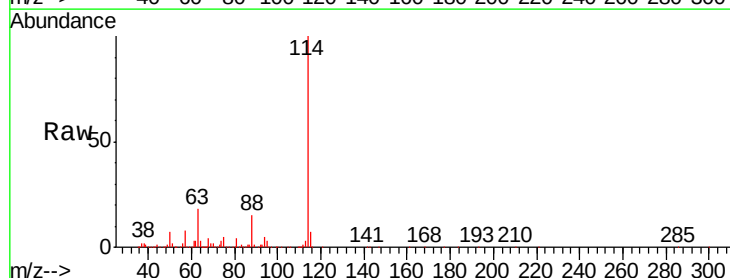
Tgt Ion: 114 Resp: 871927

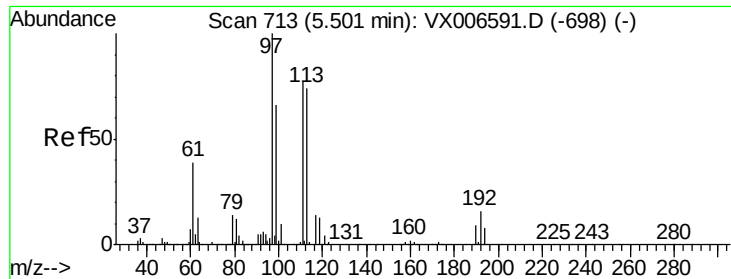
Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.8

88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 56.252 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

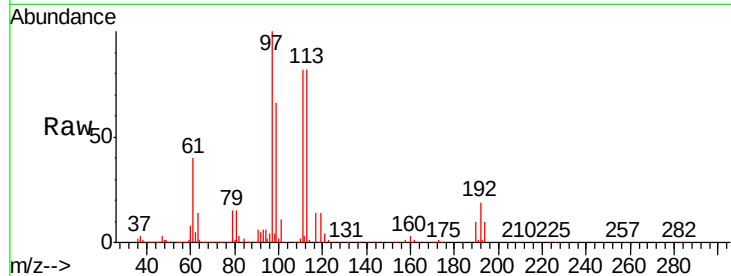
Tgt Ion:113 Resp: 310169

Ion Ratio Lower Upper

113 100

111 100.6 81.6 122.4

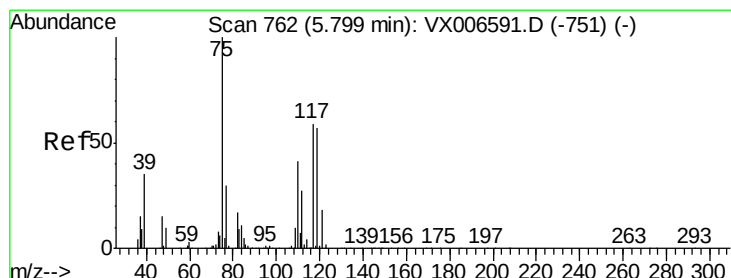
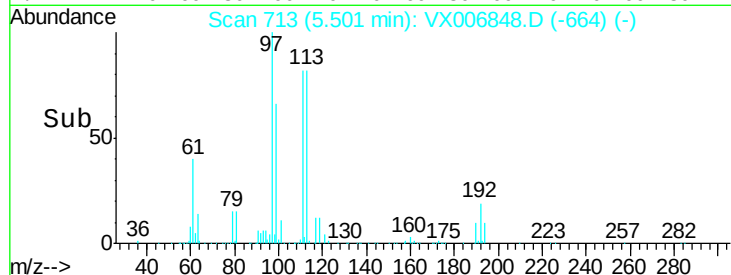
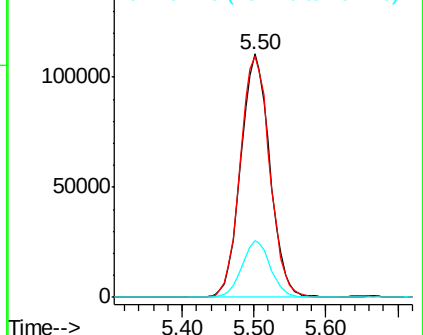
192 22.8 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.417 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

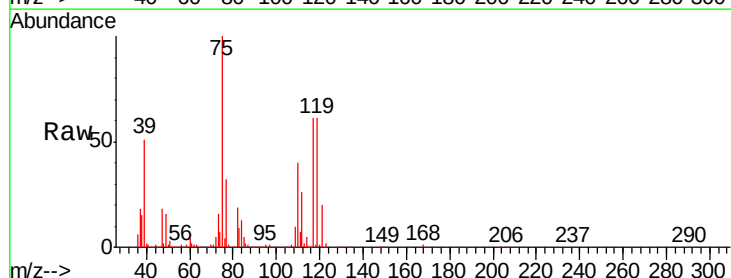
Tgt Ion: 75 Resp: 371309

Ion Ratio Lower Upper

75 100

110 40.0 20.2 60.5

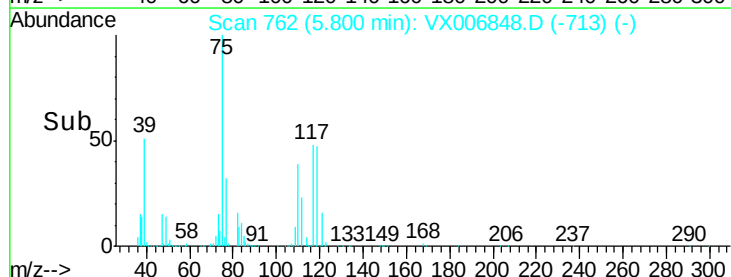
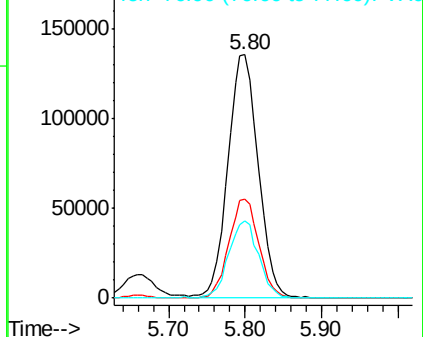
77 31.3 24.8 37.2

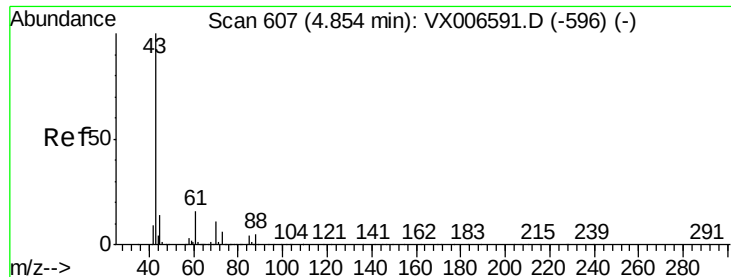


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

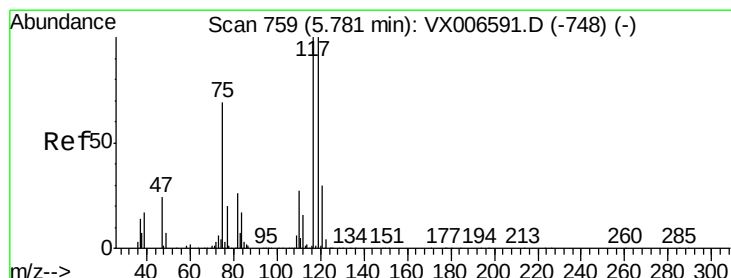
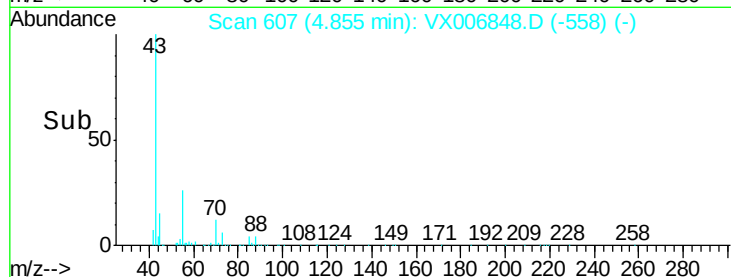
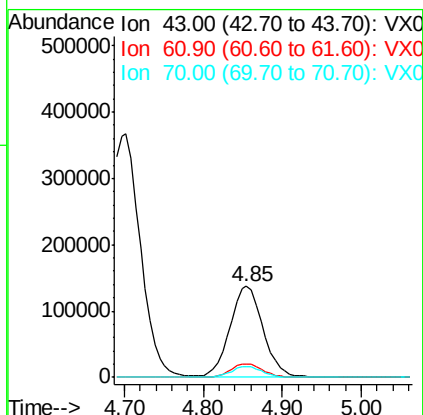
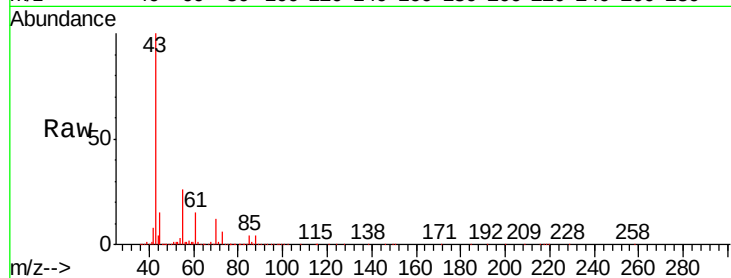




#37
Ethyl Acetate
Concen: 53.519 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

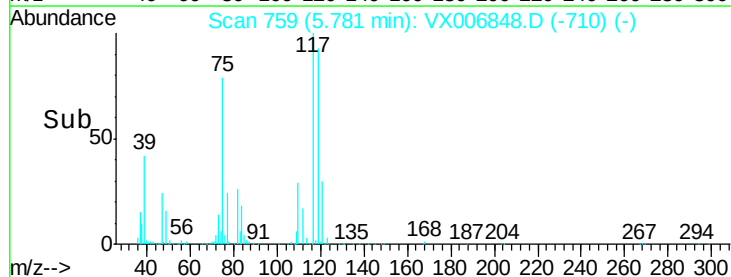
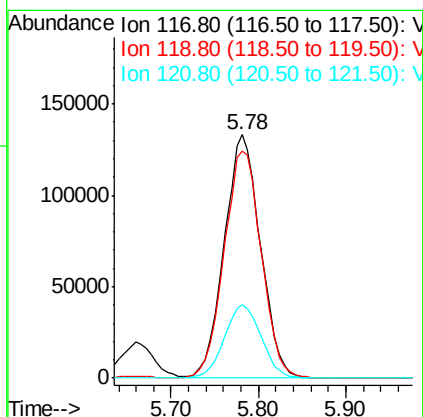
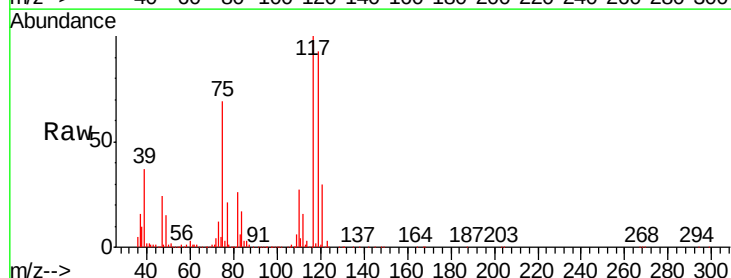
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

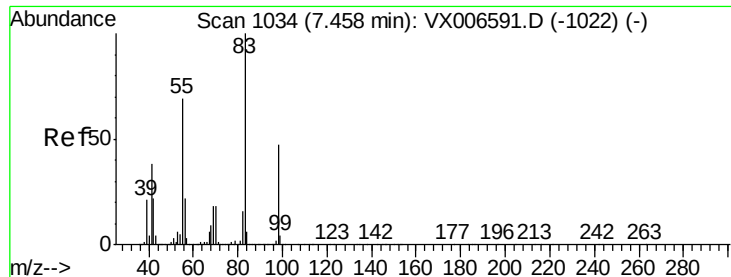
Tgt Ion:	43	Resp:	402265
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.9	17.9
70	11.5	9.7	14.5



#38
Carbon Tetrachloride
Concen: 54.201 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion:	117	Resp:	380398
Ion	Ratio	Lower	Upper
117	100		
119	93.3	79.4	119.2
121	30.2	24.0	36.0

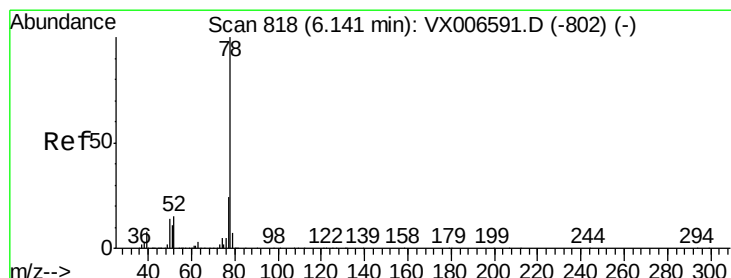
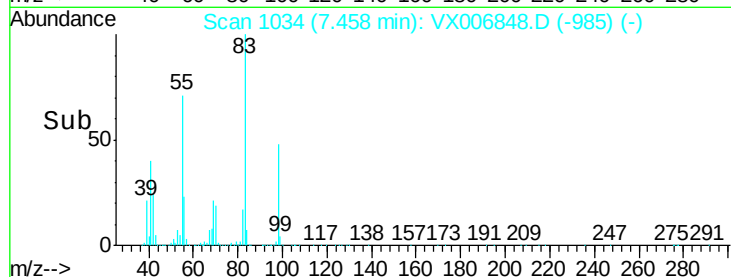
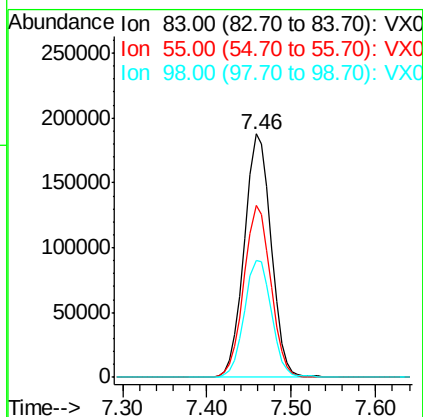
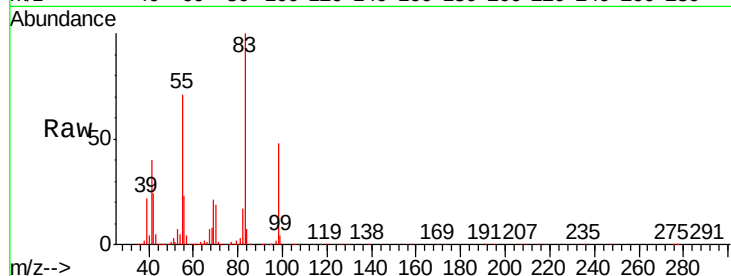




#39
Methylcyclohexane
Concen: 42.297 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

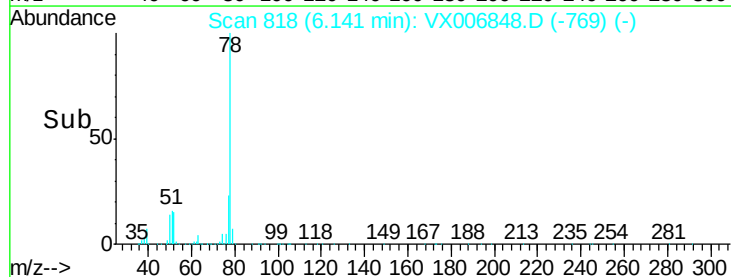
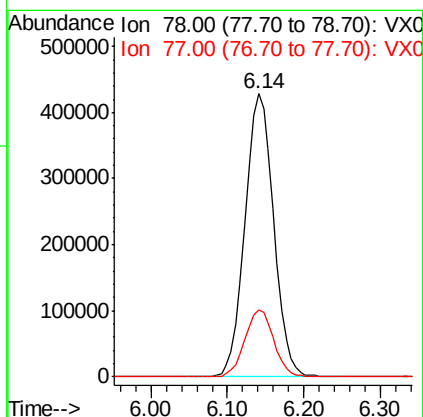
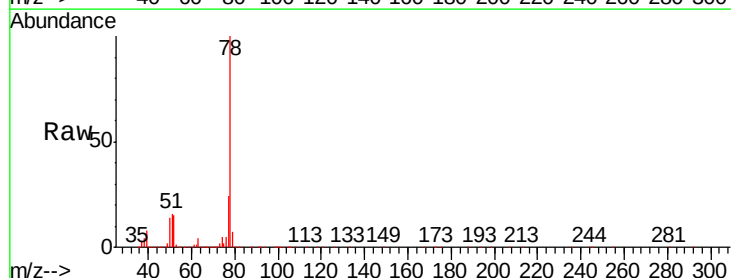
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

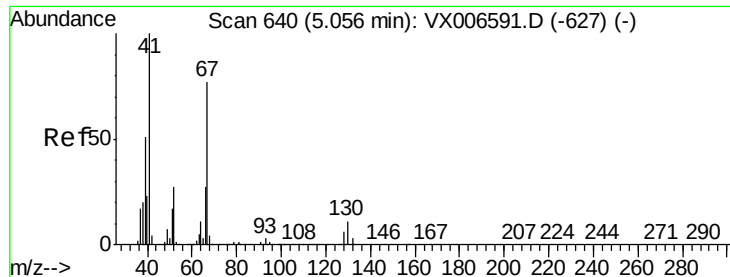
Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.8	54.9	82.3
98	47.8	37.9	56.9



#40
Benzene
Concen: 50.966 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8

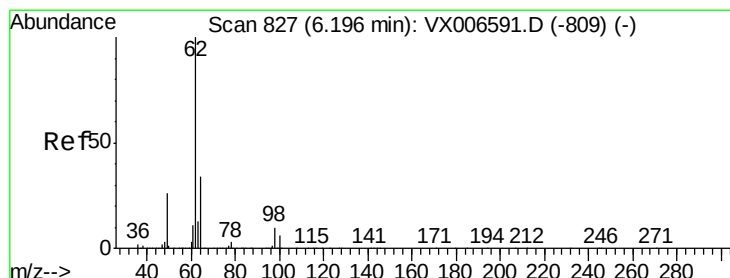
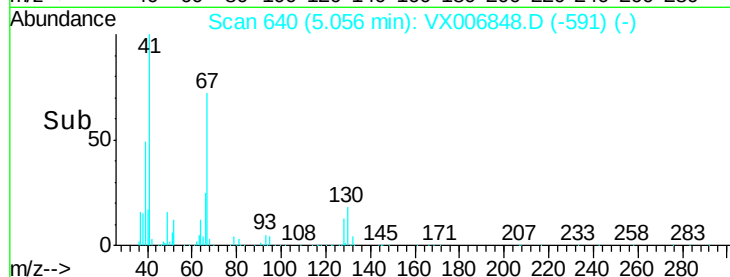
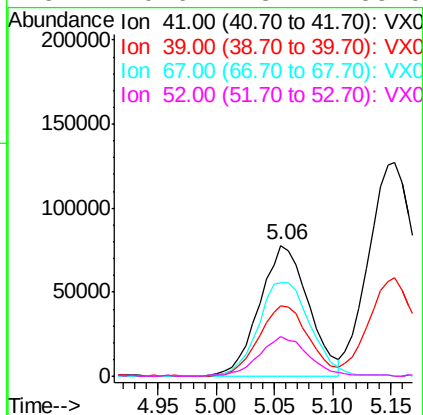
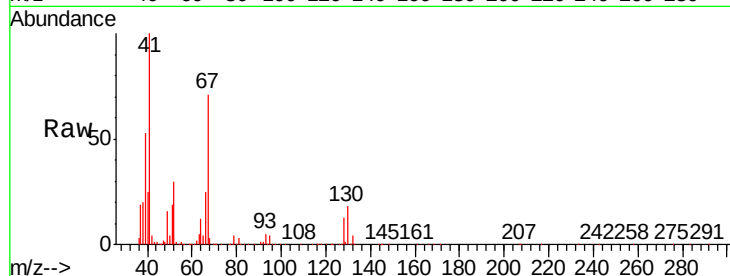




#41
Methacrylonitrile
Concen: 57.069 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

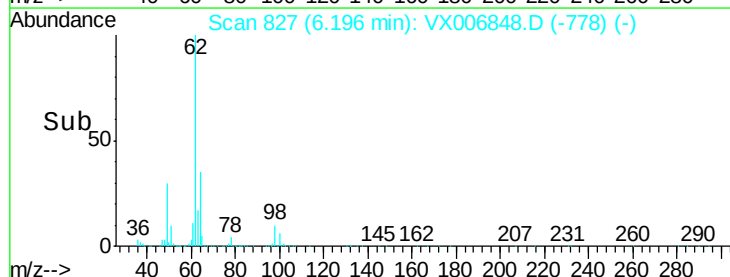
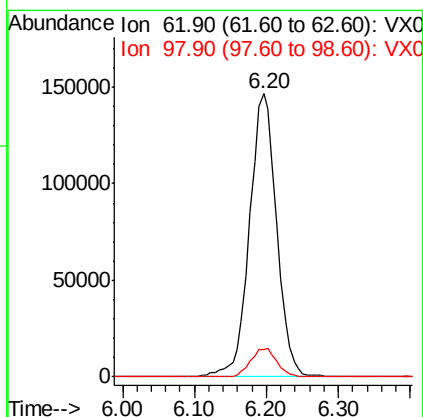
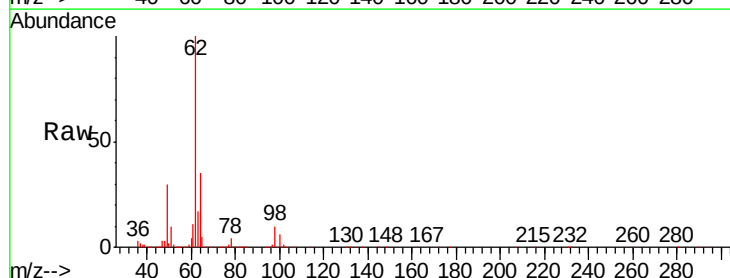
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

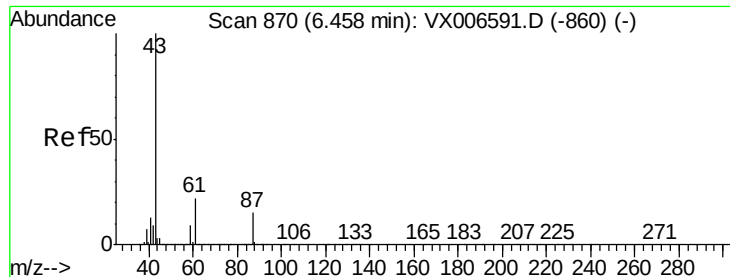
Tgt Ion:	41	Resp:	227736
Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.8	64.2
67	76.2	62.1	93.1
52	29.6	23.4	35.0



#42
1,2-Dichloroethane
Concen: 50.980 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion:	62	Resp:	381327
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2





#43

Isopropyl Acetate

Concen: 57.927 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

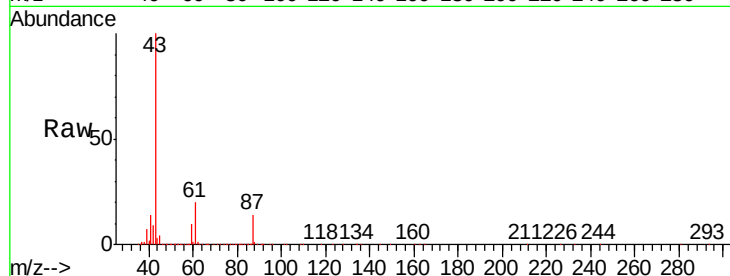
Tgt Ion: 43 Resp: 662476

Ion Ratio Lower Upper

43 100

61 20.2 16.8 25.2

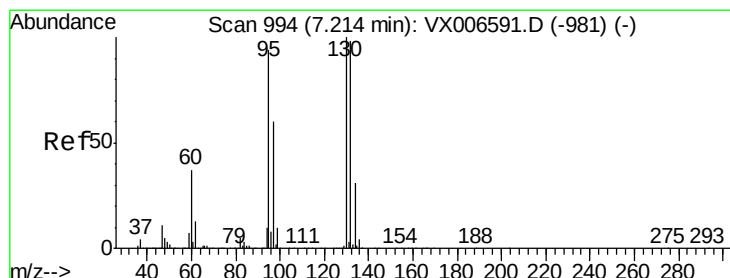
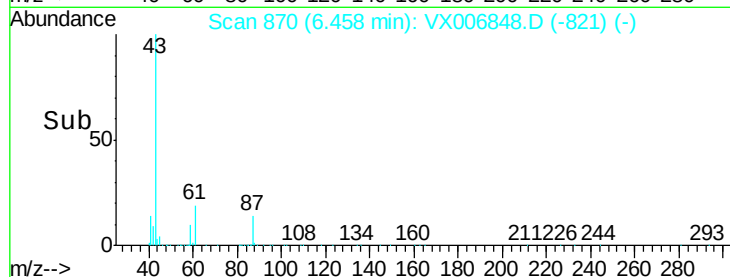
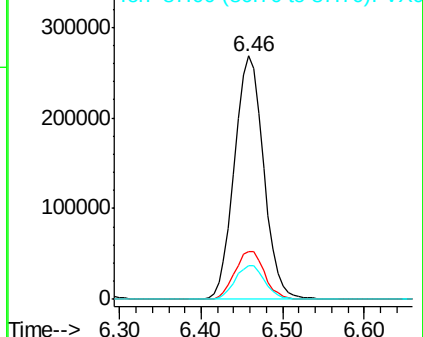
87 14.2 12.4 18.6



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: 50.032 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006848.D

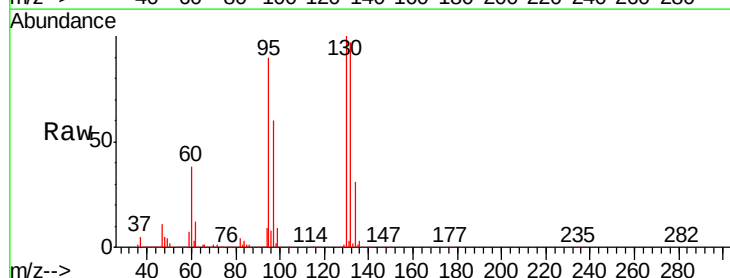
Acq: 28 Dec 2018 09:12

Tgt Ion: 130 Resp: 332412

Ion Ratio Lower Upper

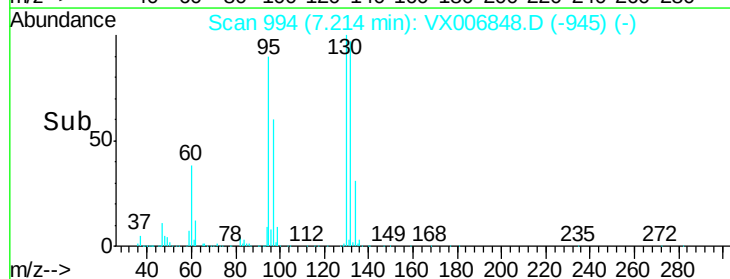
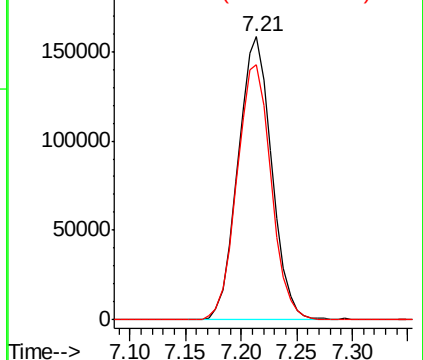
130 100

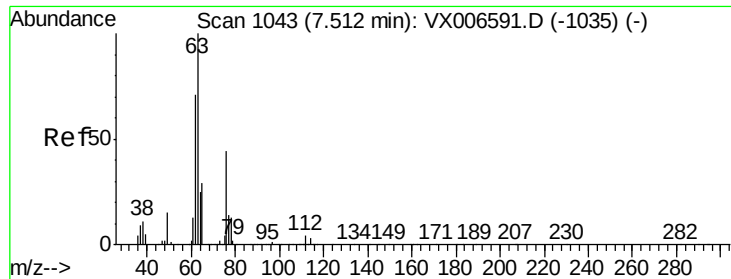
95 90.2 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

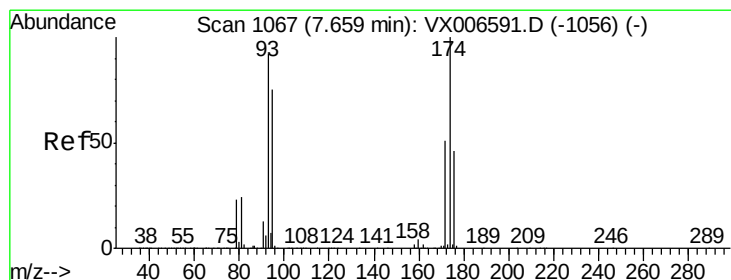
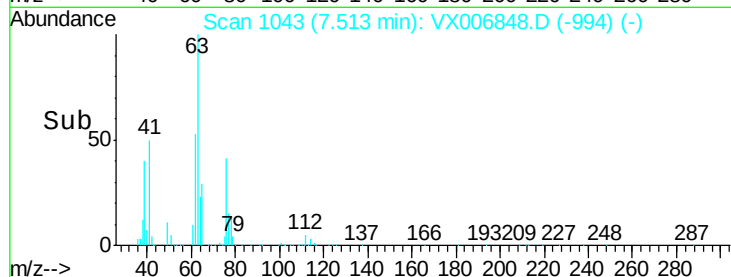
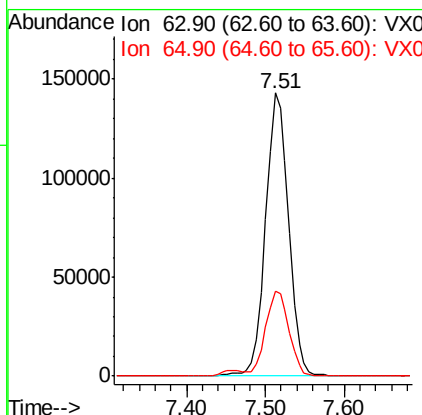
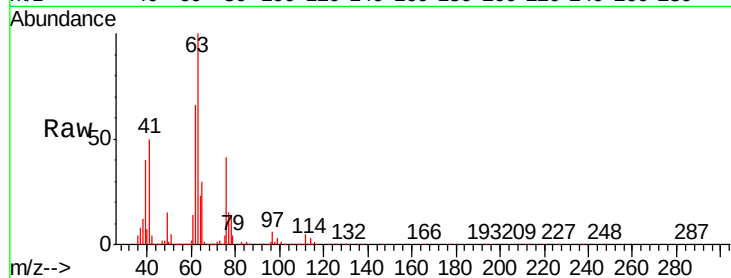




#45
 1,2-Dichloropropane
 Concen: 54.375 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

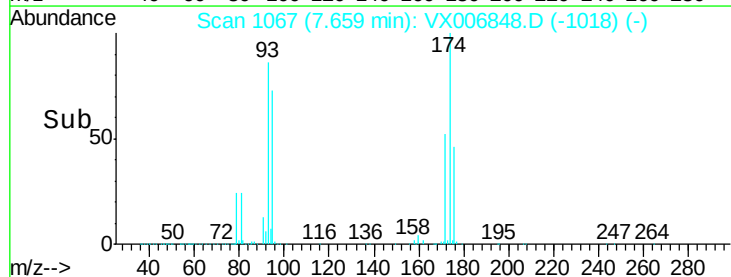
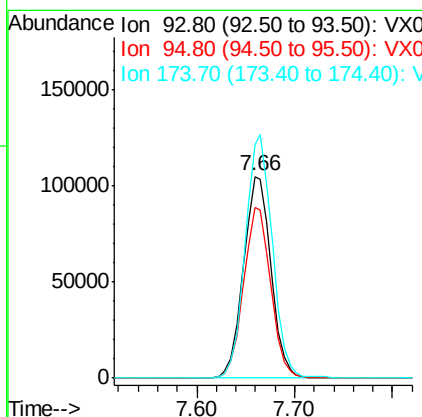
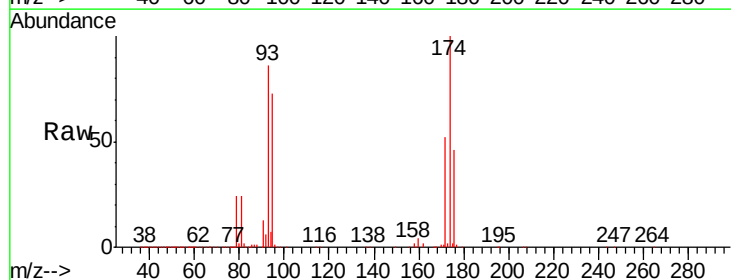
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

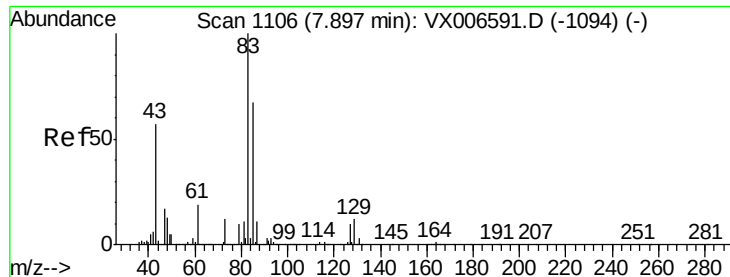
Tgt Ion: 63 Resp: 290463
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.4 38.0



#46
 Dibromomethane
 Concen: 51.963 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion: 93 Resp: 204173
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.2 99.4
 174 118.7 91.0 136.4





#47

Bromodichloromethane

Concen: 57.146 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

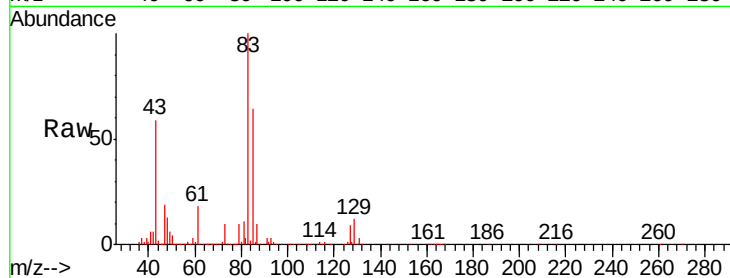
Tgt Ion: 83 Resp: 372779

Ion Ratio Lower Upper

83 100

85 63.7 53.2 79.8

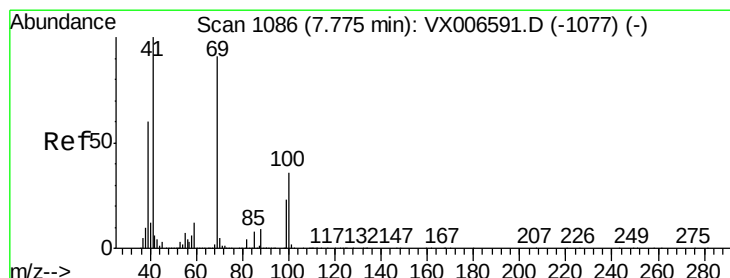
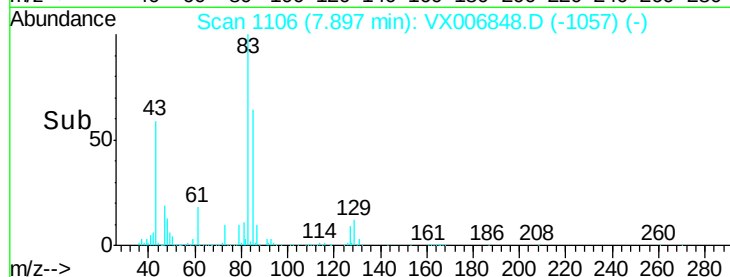
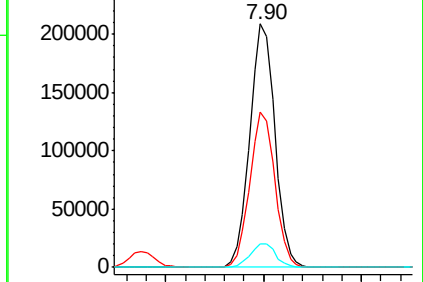
127 9.5 7.8 11.6



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: 57.204 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

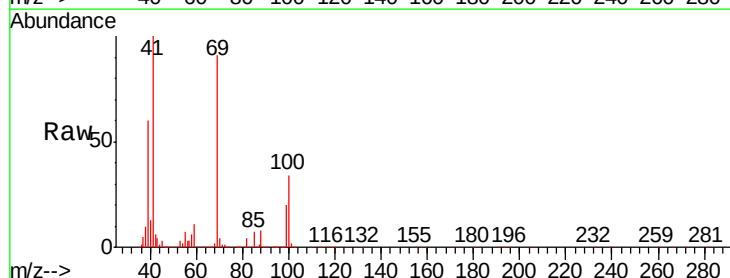
Tgt Ion: 41 Resp: 332683

Ion Ratio Lower Upper

41 100

69 89.4 72.4 108.6

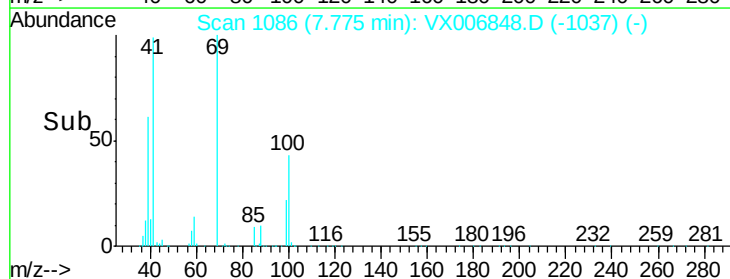
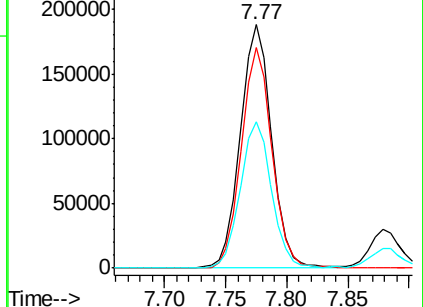
39 60.2 45.8 68.8

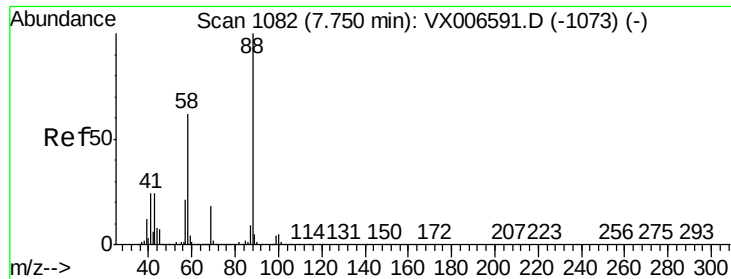


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 870.107 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

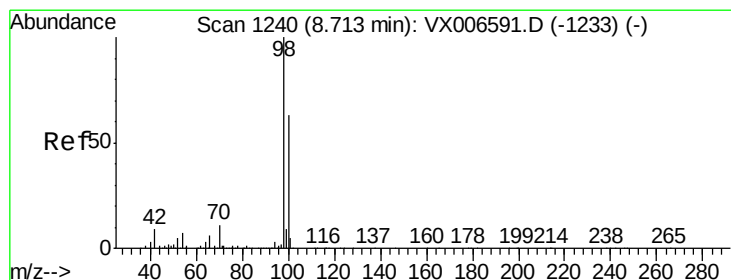
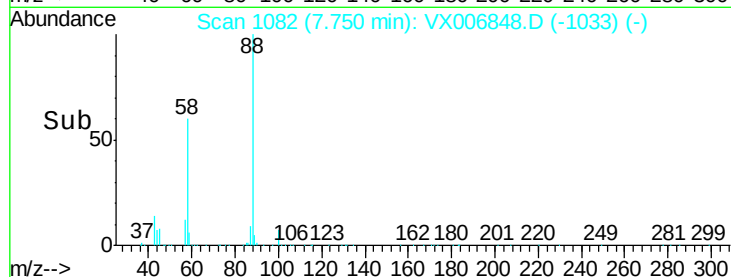
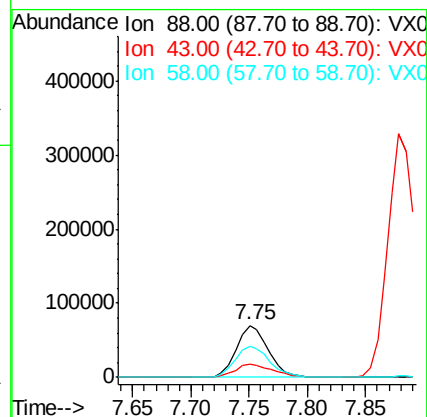
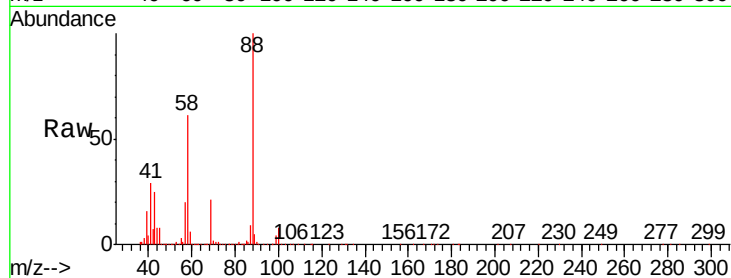
Tgt Ion: 88 Resp: 132794

Ion Ratio Lower Upper

88 100

43 30.1 22.2 33.4

58 65.7 51.0 76.4



#50

Toluene-d8

Concen: 55.128 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006848.D

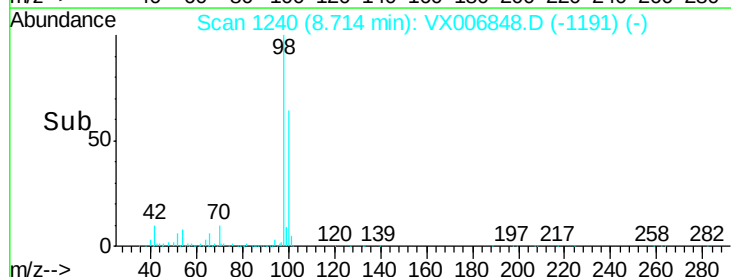
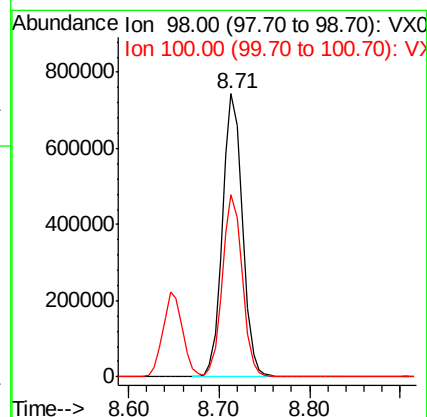
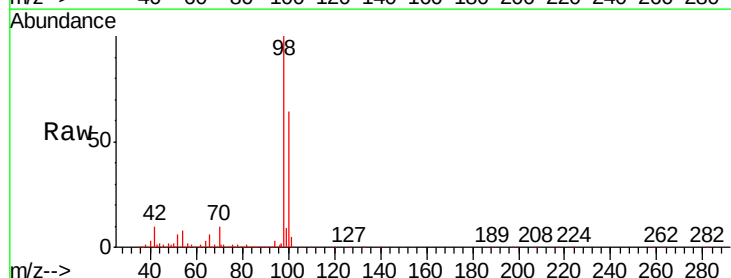
Acq: 28 Dec 2018 09:12

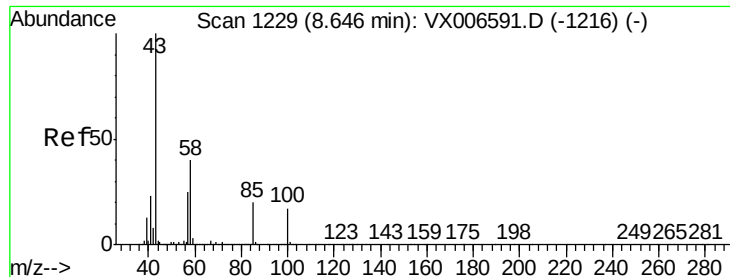
Tgt Ion: 98 Resp: 1145983

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0

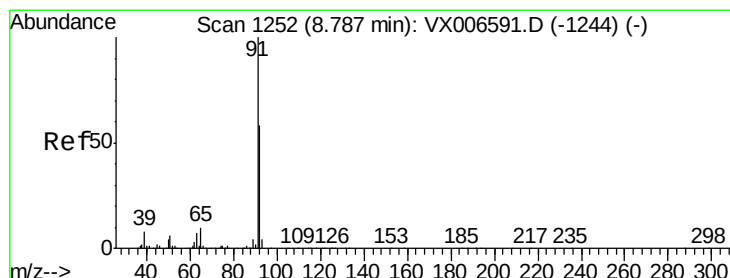
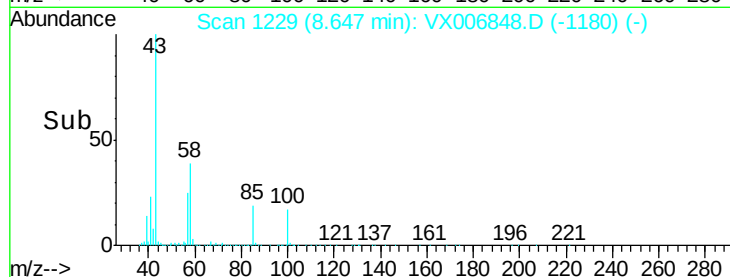
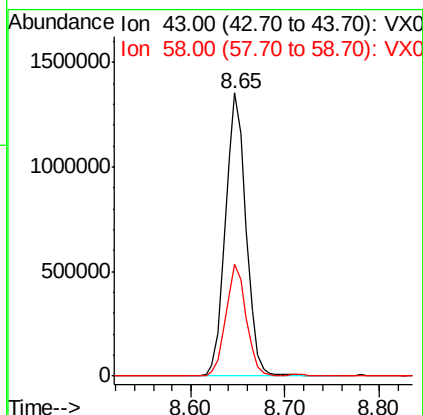
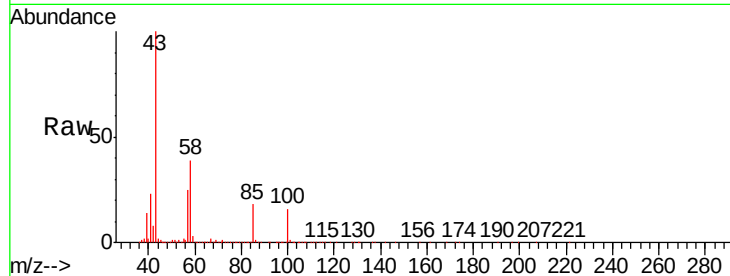




#51
 4-Methyl-2-Pentanone
 Concen: 281.985 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

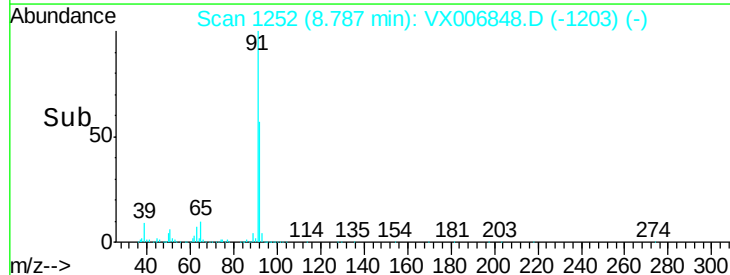
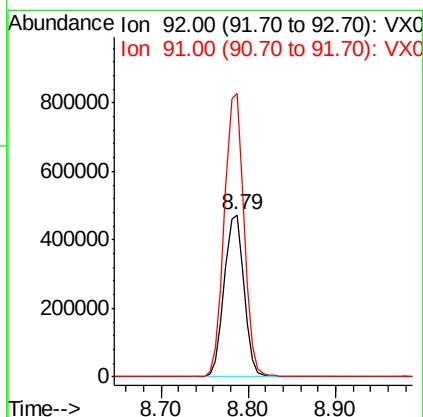
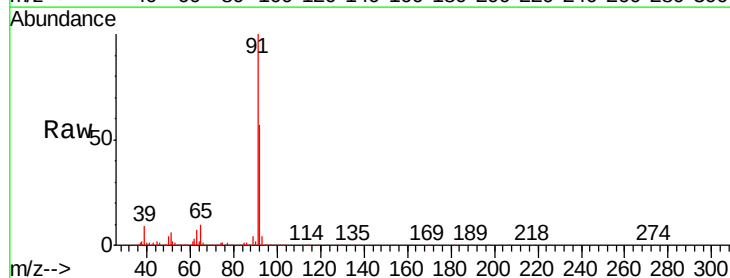
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

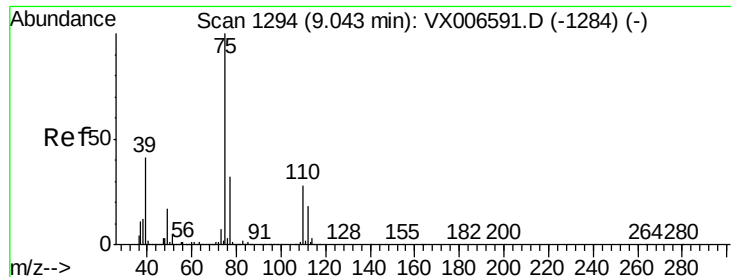
Tgt Ion: 43 Resp: 2051911
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.8 47.6



#52
 Toluene
 Concen: 52.491 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion: 92 Resp: 744391
 Ion Ratio Lower Upper
 92 100
 91 173.2 137.6 206.4

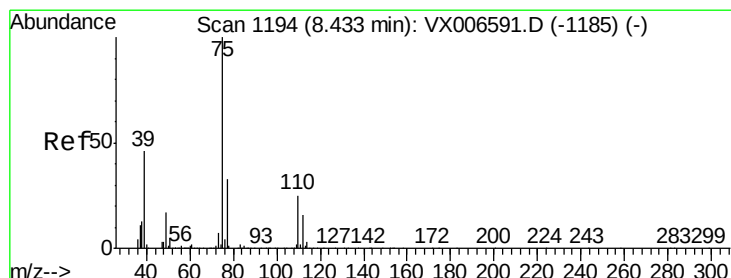
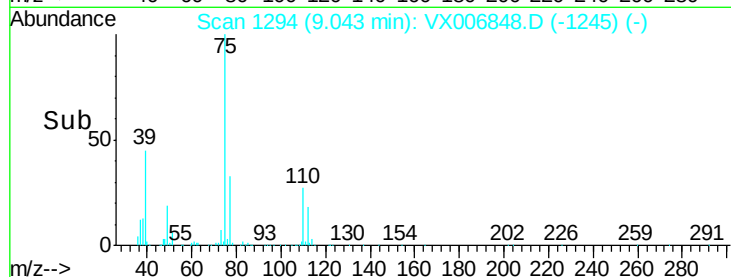
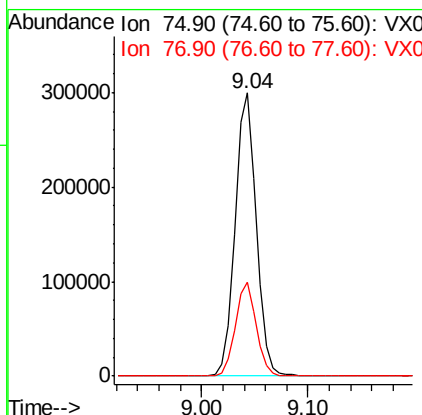
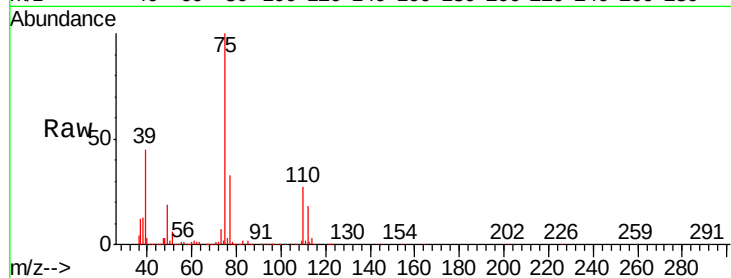




#53
t-1,3-Dichloropropene
Concen: 59.832 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

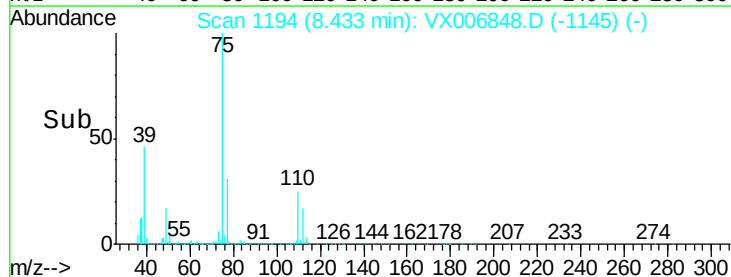
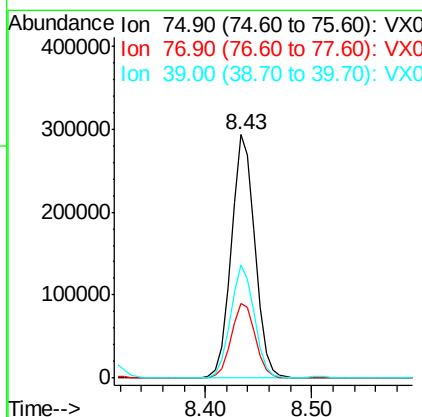
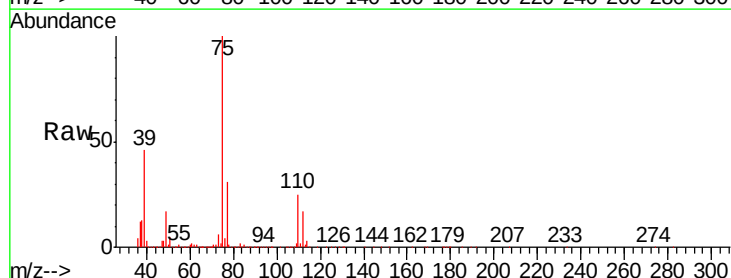
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

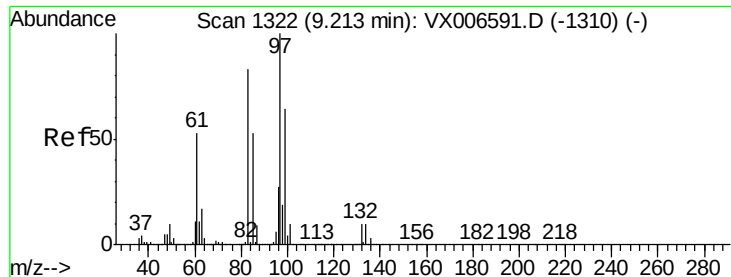
Tgt Ion: 75 Resp: 418597
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 59.430 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion: 75 Resp: 456217
Ion Ratio Lower Upper
75 100
77 30.6 26.2 39.2
39 46.1 36.7 55.1

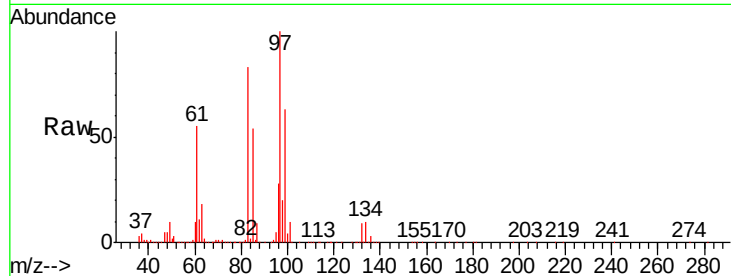




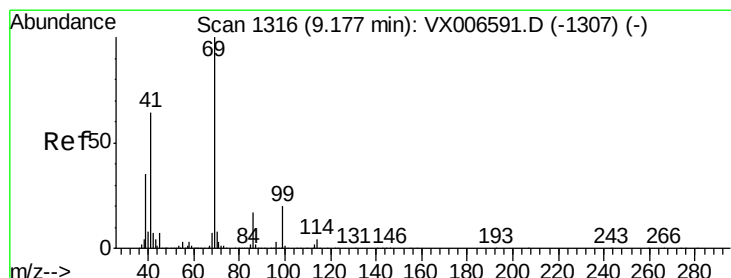
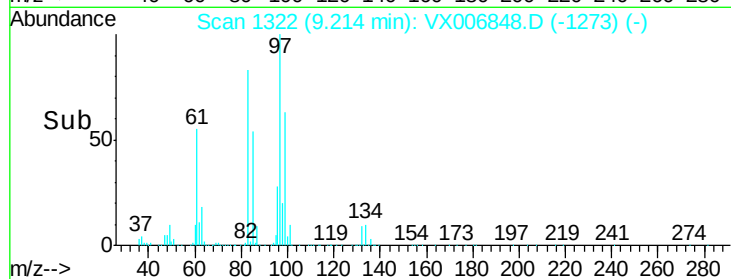
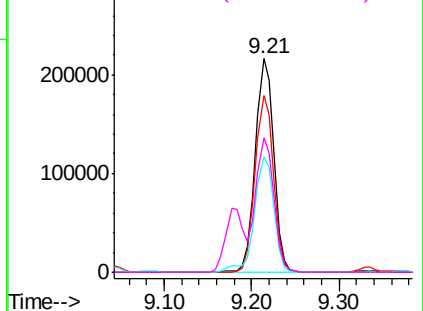
#55
 1,1,2-Trichloroethane
 Concen: 54.226 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	314764
Ion	Ratio	Lower	Upper
97	100		
83	82.7	66.6	99.8
85	53.7	42.7	64.1
99	63.0	50.8	76.2

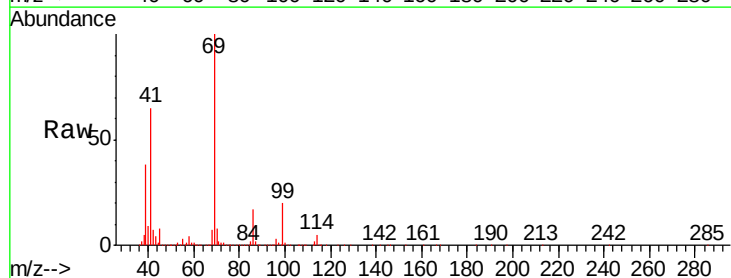


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

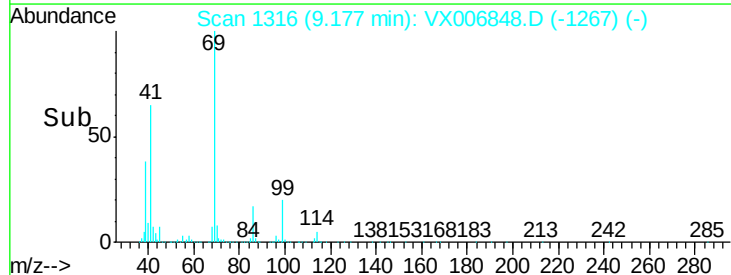
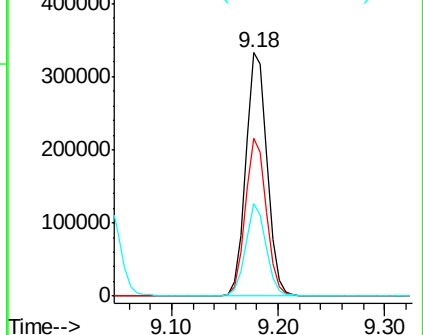


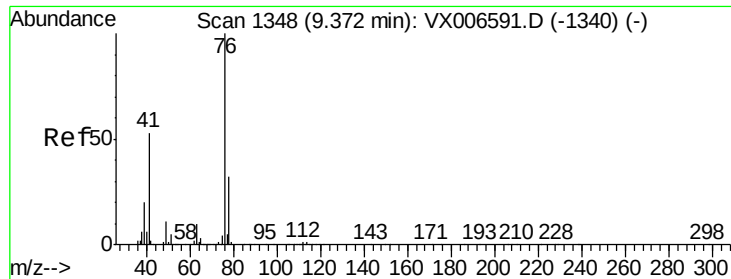
#56
 Ethyl methacrylate
 Concen: 57.109 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion:	69	Resp:	468529
Ion	Ratio	Lower	Upper
69	100		
41	63.5	48.7	73.1
39	36.4	27.0	40.6



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

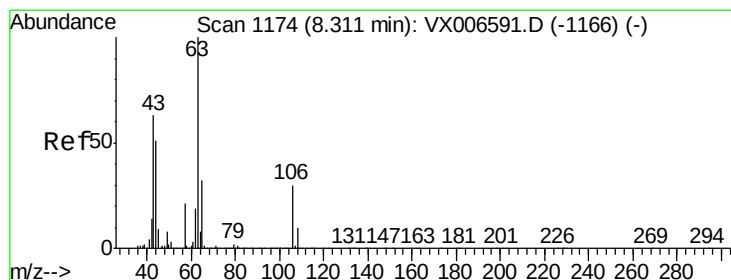
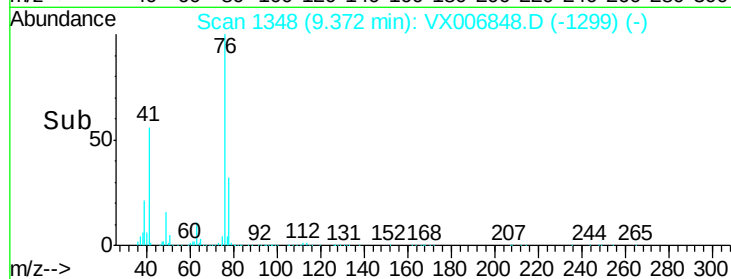
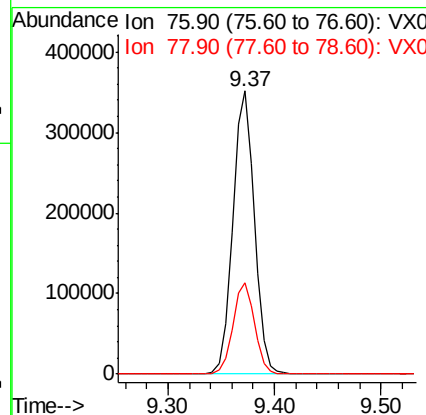
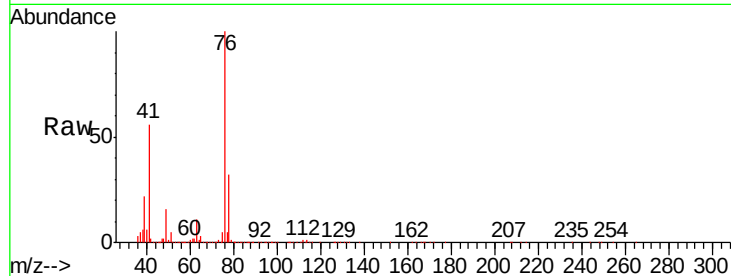




#57
 1,3-Dichloropropane
 Concen: 53.400 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

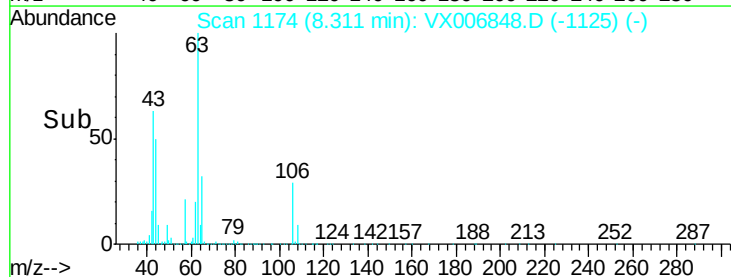
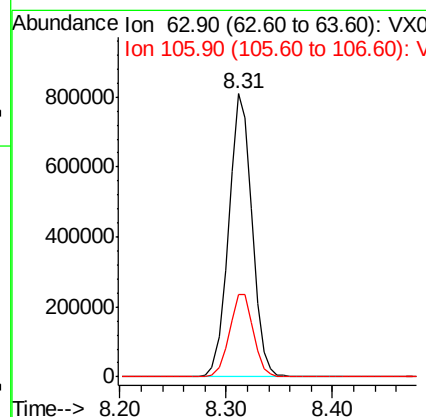
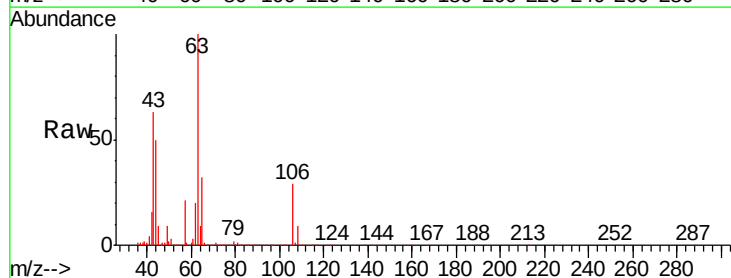
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

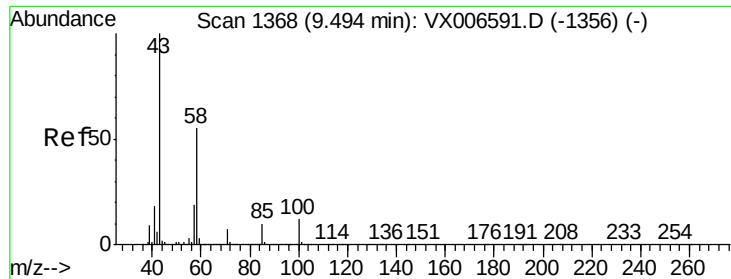
Tgt Ion: 76 Resp: 498708
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 284.311 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion: 63 Resp: 1239902
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.6 36.8

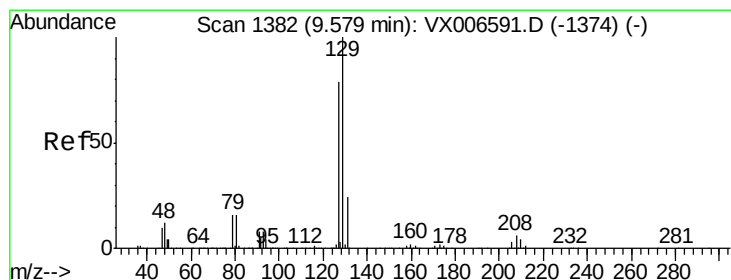
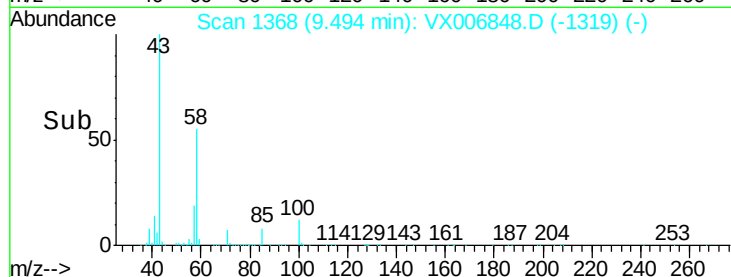
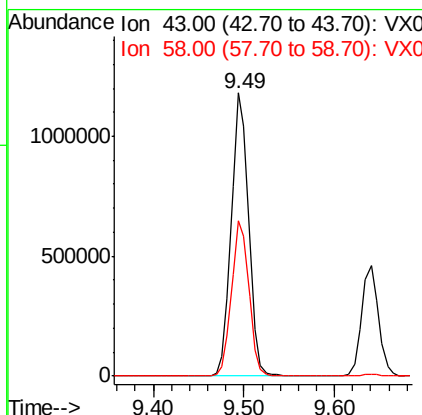
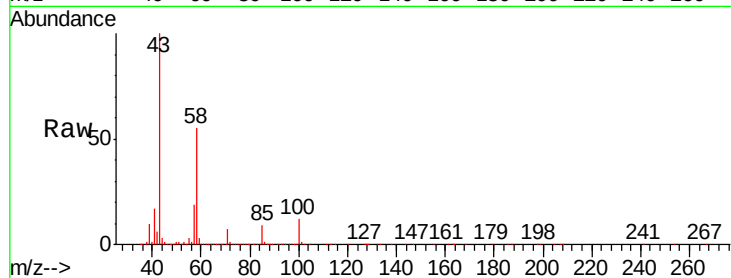




#59
2-Hexanone
Concen: 281.730 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

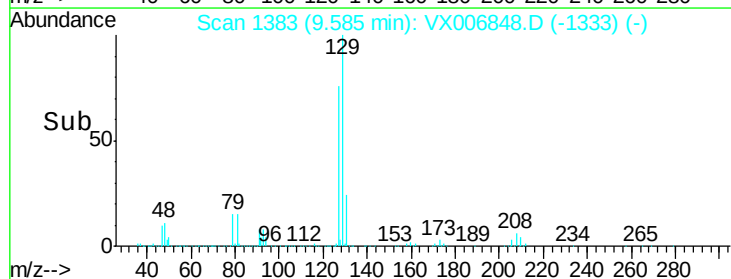
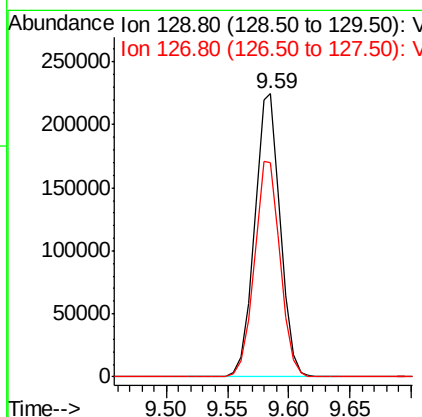
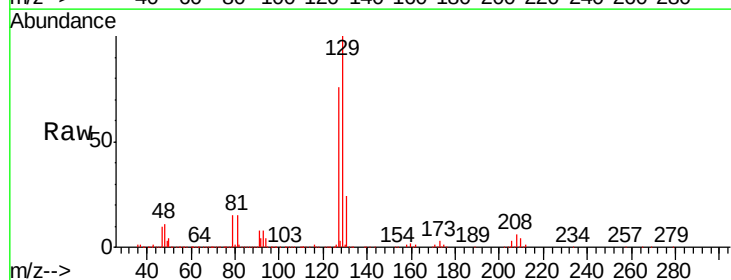
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

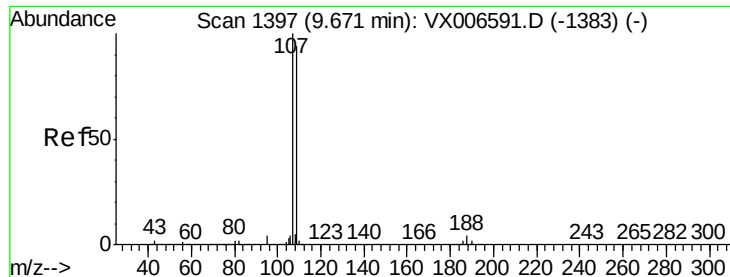
Tgt Ion: 43 Resp: 1568533
Ion Ratio Lower Upper
43 100
58 55.1 27.7 83.1



#60
Dibromochloromethane
Concen: 53.784 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion: 129 Resp: 327644
Ion Ratio Lower Upper
129 100
127 76.7 39.3 117.8





#61

1,2-Dibromoethane

Concen: 54.421 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

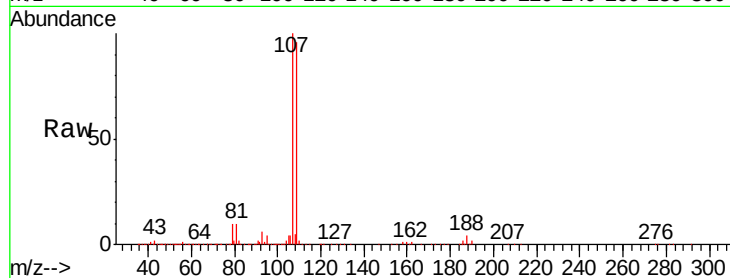
VSTDCCC050

Tgt Ion: 107 Resp: 335808

Ion Ratio Lower Upper

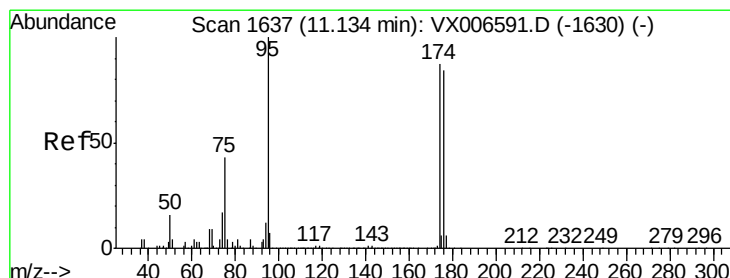
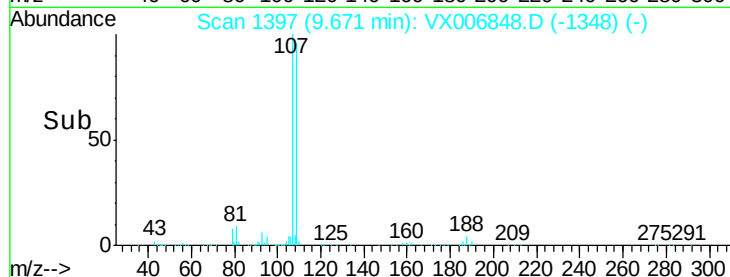
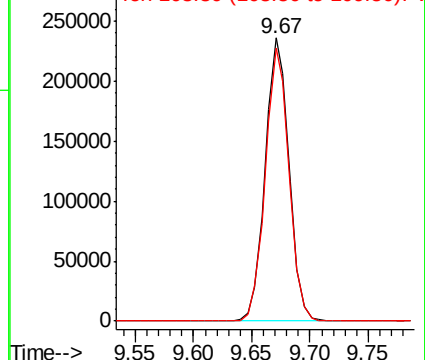
107 100

109 96.3 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: 54.841 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

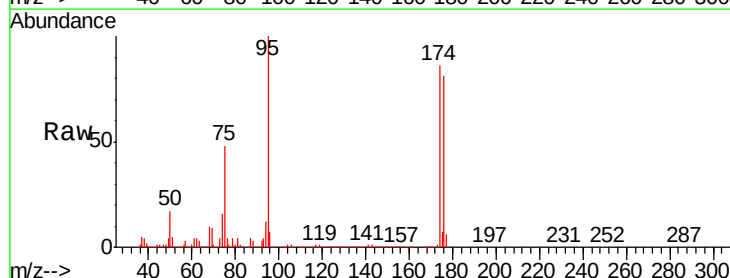
Tgt Ion: 95 Resp: 417519

Ion Ratio Lower Upper

95 100

174 95.5 0.0 182.2

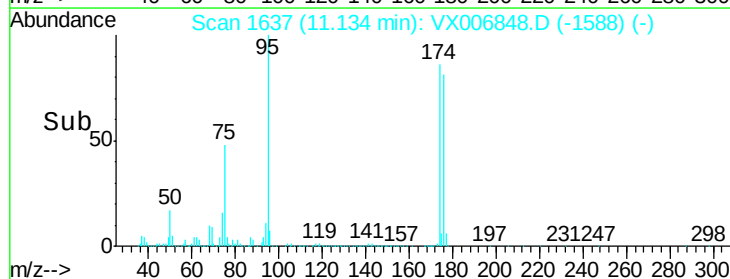
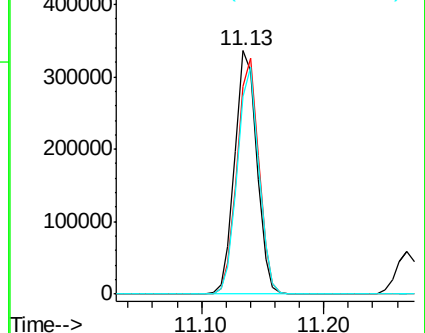
176 91.3 0.0 178.8

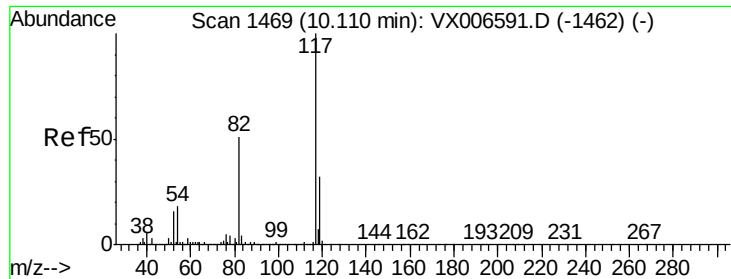


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

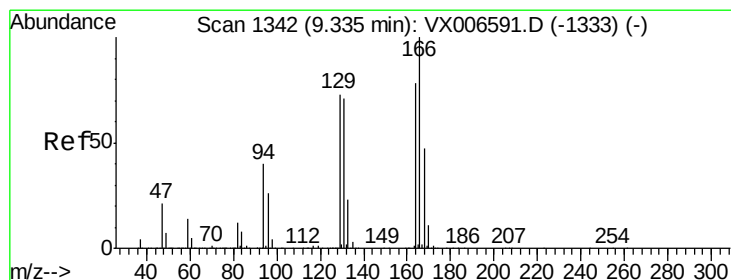
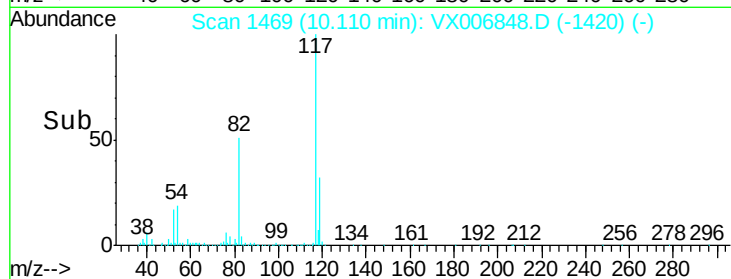
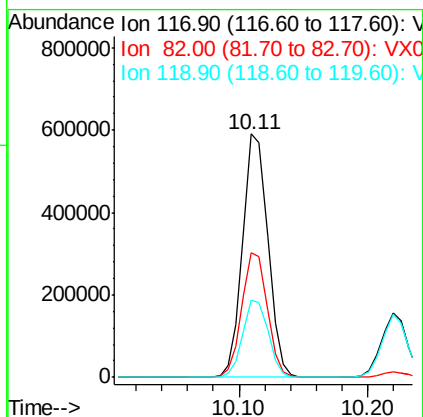
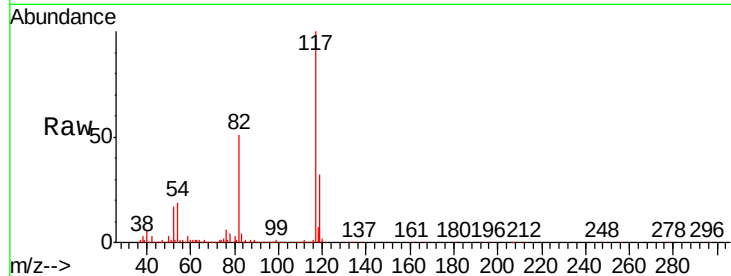




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

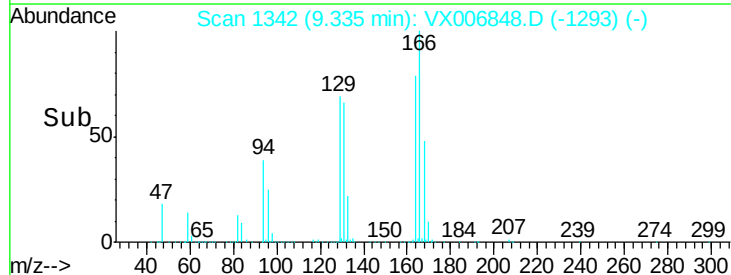
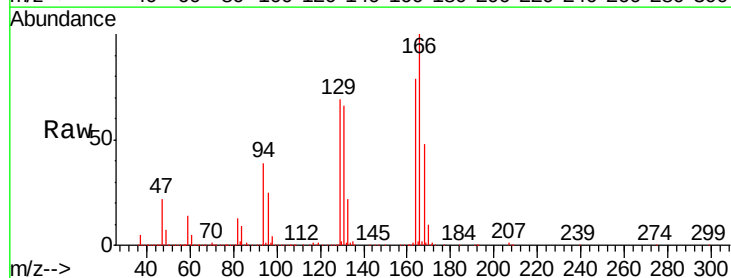
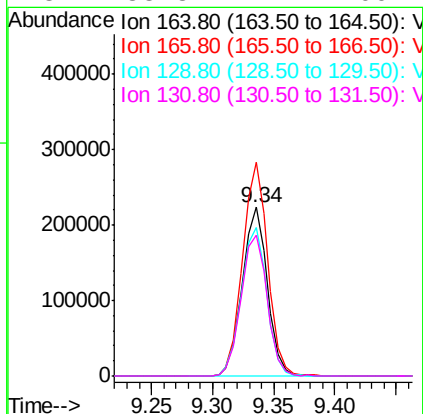
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

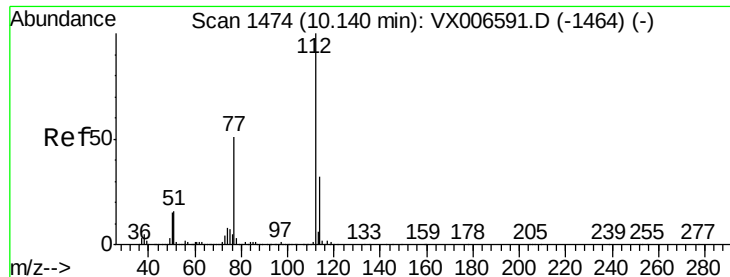
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.0	61.6
119	31.7	25.4	38.0



#64
Tetrachloroethene
Concen: 49.875 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	102.5	153.7
129	87.8	75.1	112.7
131	83.8	72.7	109.1

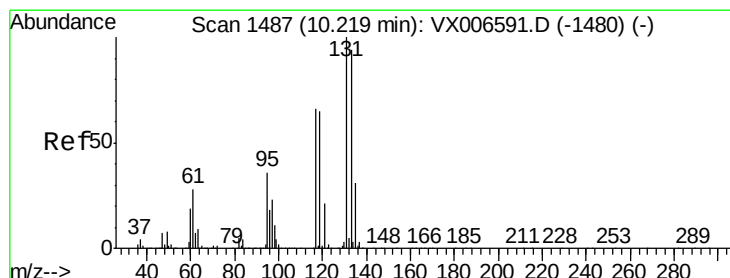
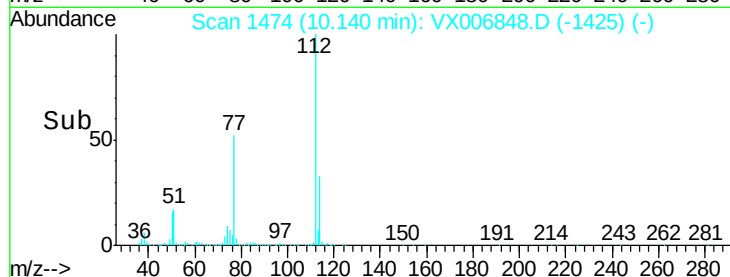
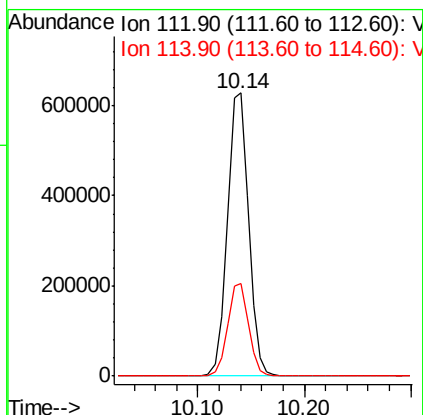
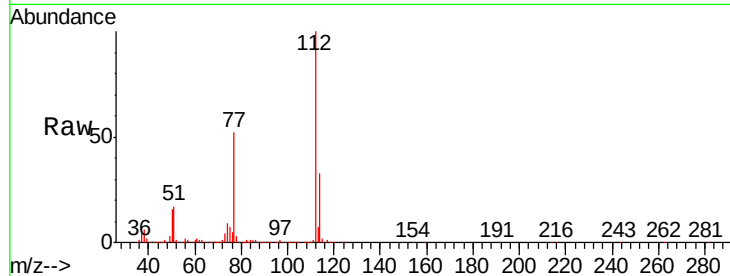




#65
Chlorobenzene
Concen: 51.627 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

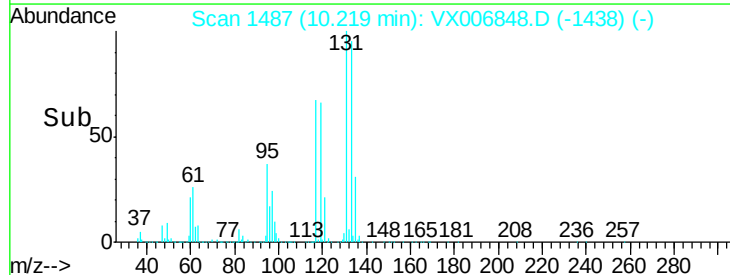
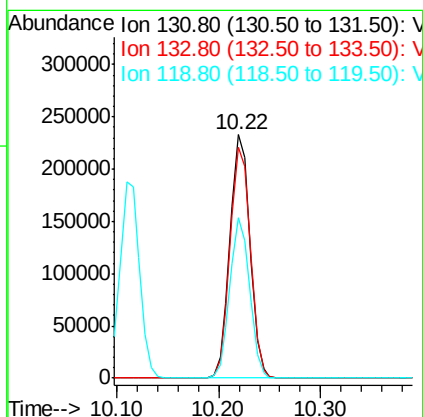
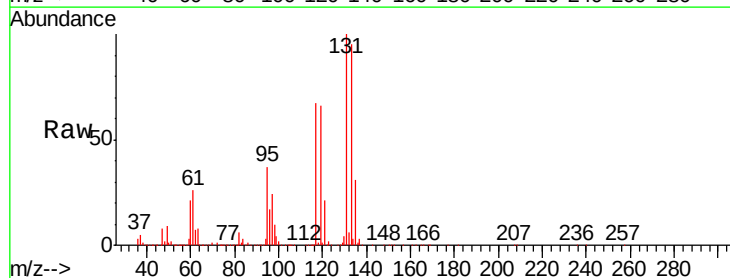
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

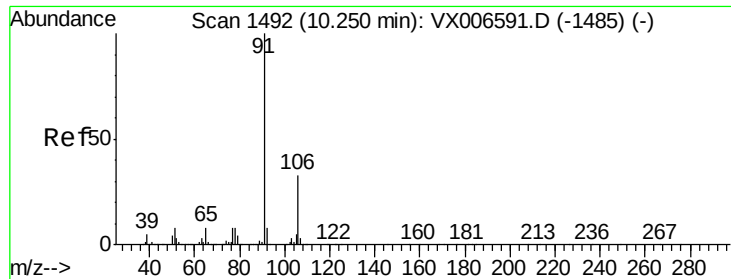
Tgt Ion:112 Resp: 877509
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 59.448 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion:131 Resp: 315256
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.2
119 64.6 32.6 97.8





#67

Ethyl Benzene

Concen: 52.045 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

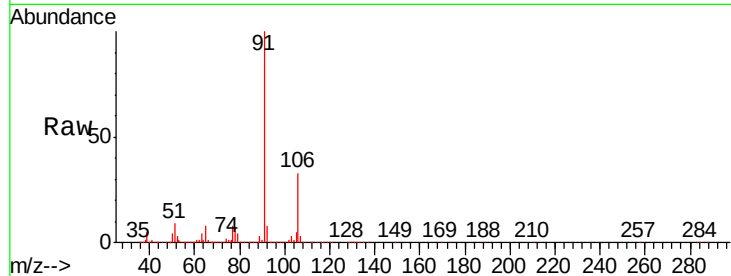
VSTDCCC050

Tgt Ion: 91 Resp: 1445527

Ion Ratio Lower Upper

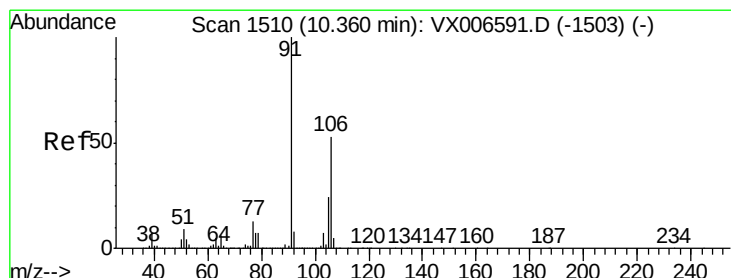
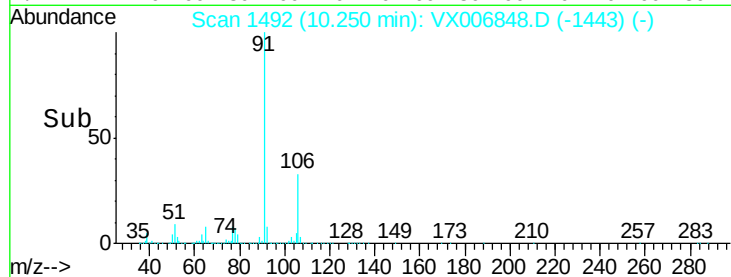
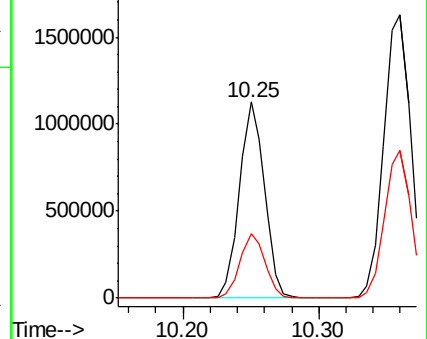
91 100

106 32.9 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX006591.D (-1485) (-)



#68

m/p-Xylenes

Concen: 104.651 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006848.D

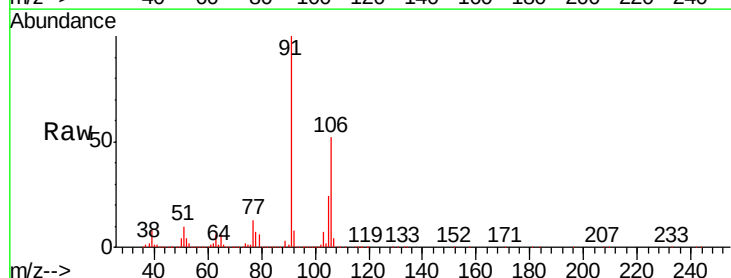
Acq: 28 Dec 2018 09:12

Tgt Ion: 106 Resp: 1146946

Ion Ratio Lower Upper

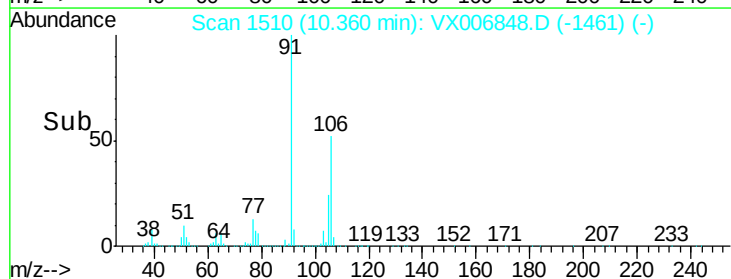
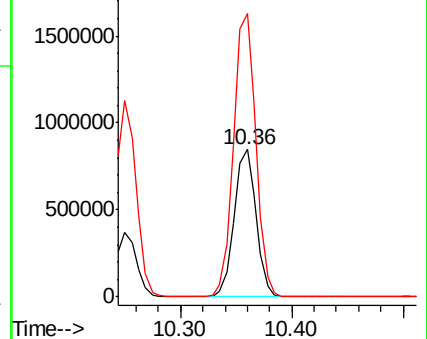
106 100

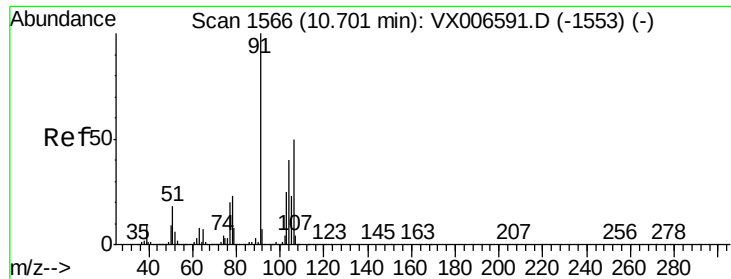
91 196.1 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): VX006591.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX006591.D (-1503) (-)

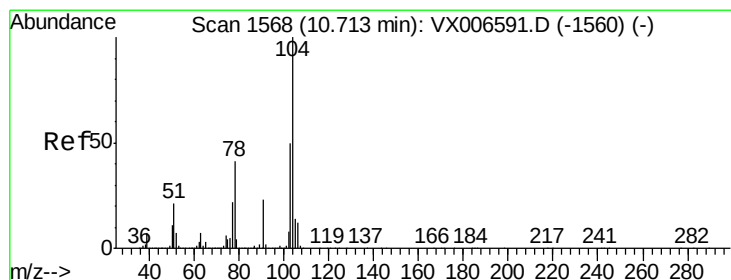
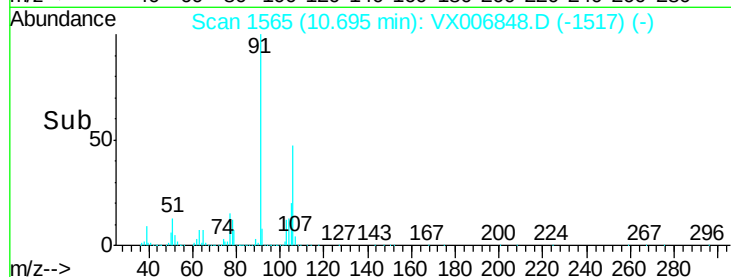
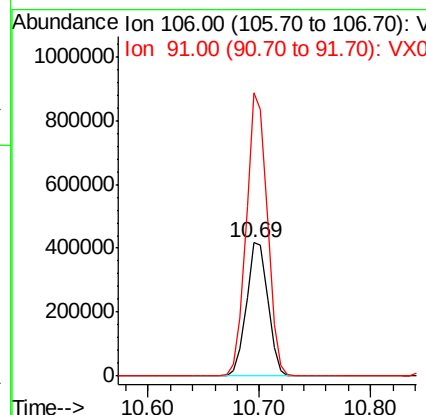
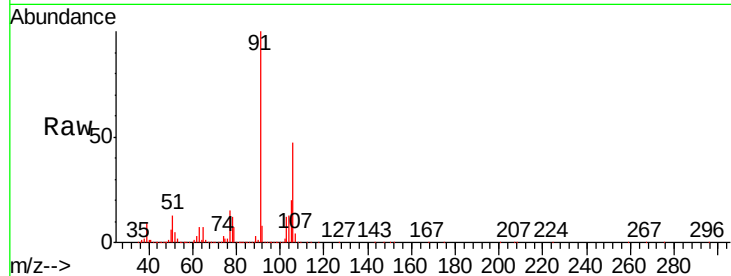




#69
o-Xylene
Concen: 51.760 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

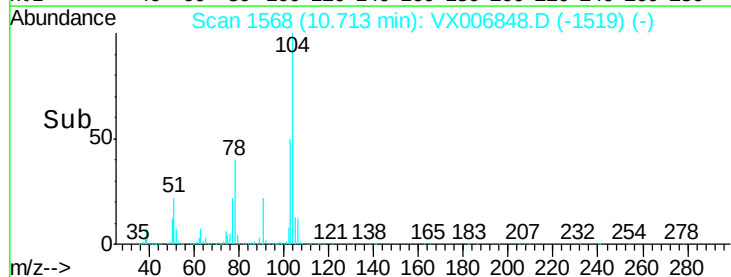
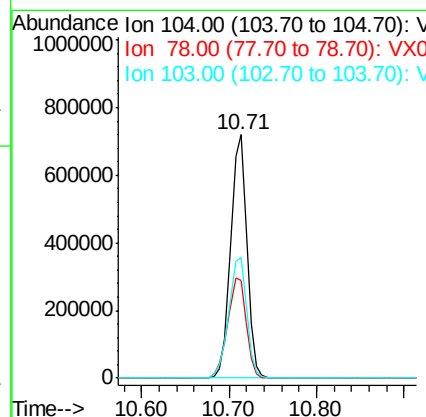
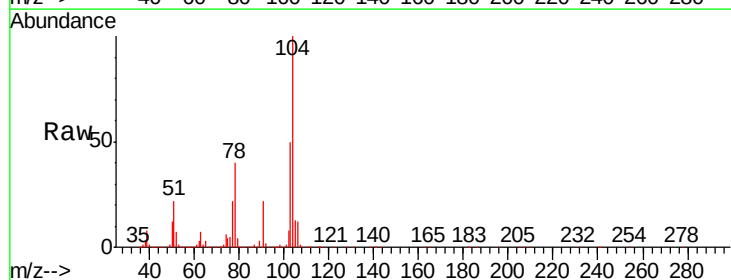
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

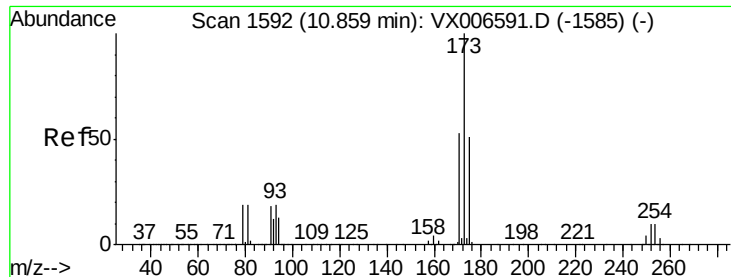
Tgt Ion:106 Resp: 560168
Ion Ratio Lower Upper
106 100
91 205.9 101.3 303.7



#70
Styrene
Concen: 54.144 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion:104 Resp: 927048
Ion Ratio Lower Upper
104 100
78 47.1 37.7 56.5
103 55.0 43.8 65.8





#71

Bromoform

Concen: 51.095 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

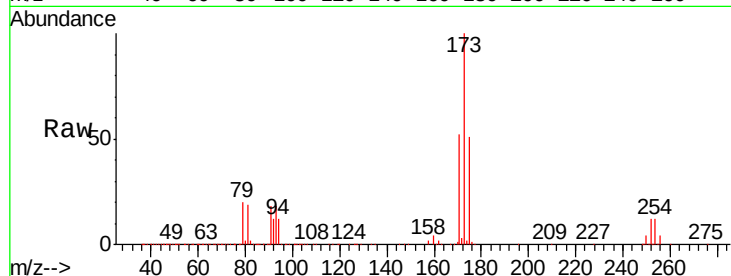
Tgt Ion:173 Resp: 244921

Ion Ratio Lower Upper

173 100

175 49.6 24.7 74.1

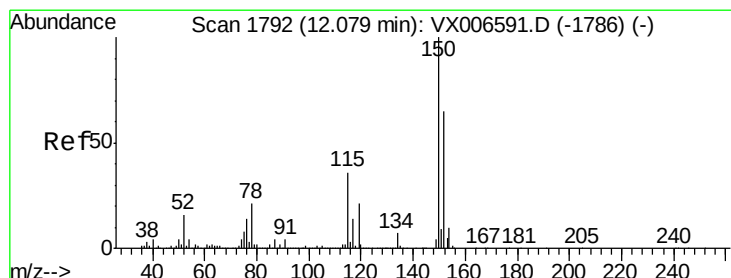
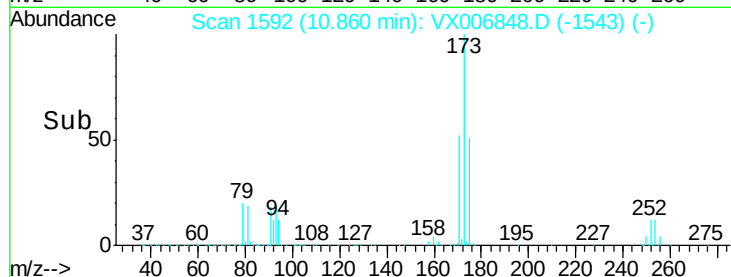
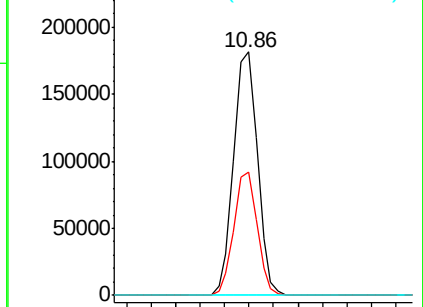
254 0.2 0.2 0.2



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: VX006848.D

Acq: 28 Dec 2018 09:12

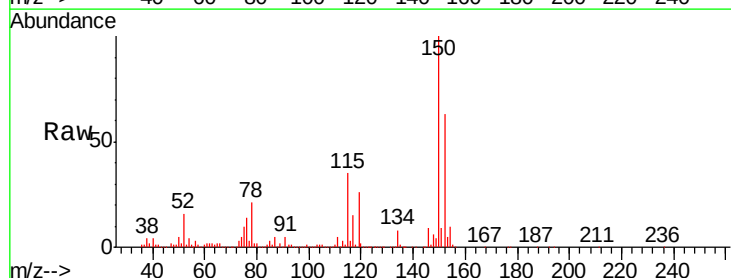
Tgt Ion:152 Resp: 411096

Ion Ratio Lower Upper

152 100

115 77.2 39.1 117.2

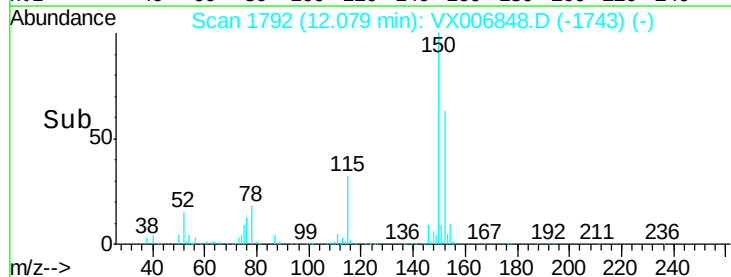
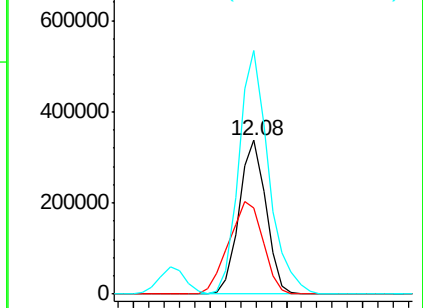
150 175.5 0.0 344.8

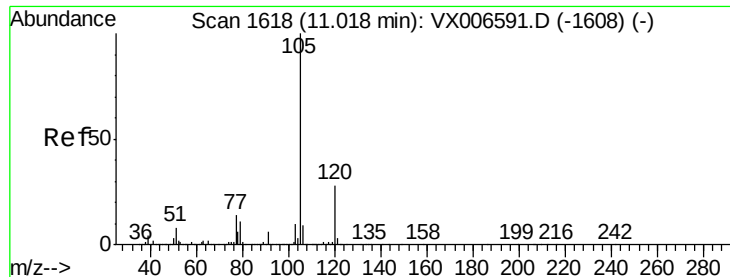


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.428 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

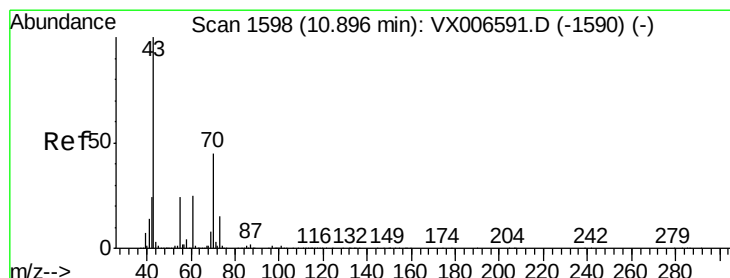
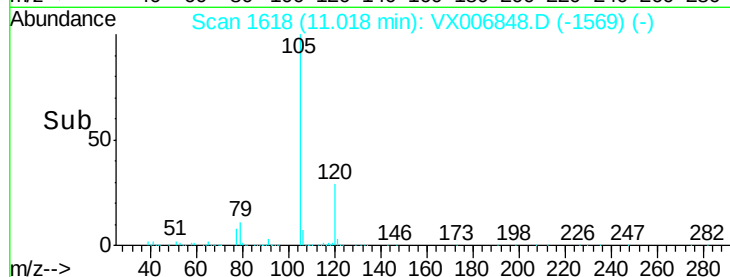
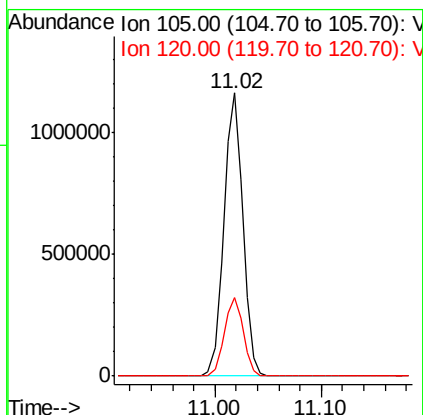
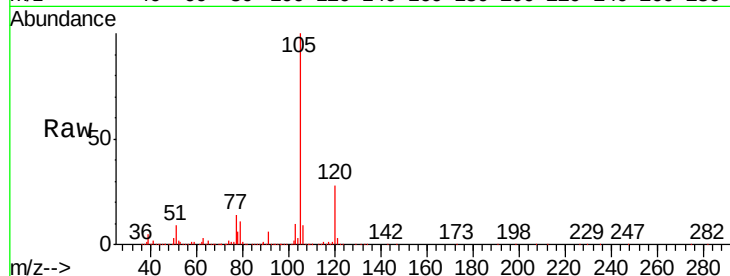
VSTDCCC050

Tgt Ion:105 Resp: 1446364

Ion Ratio Lower Upper

105 100

120 27.9 14.1 42.4



#74

N-ethyl acetate

Concen: 59.985 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Tgt Ion: 43 Resp: 603852

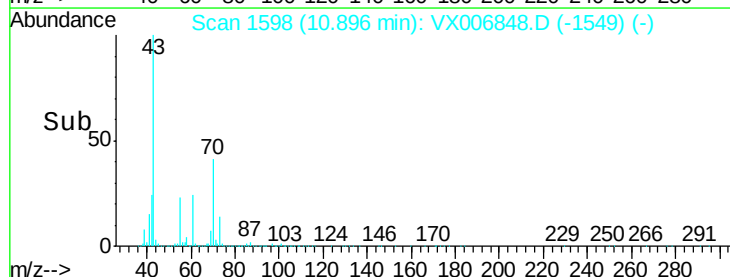
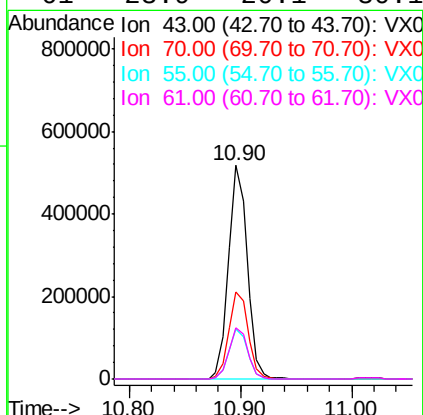
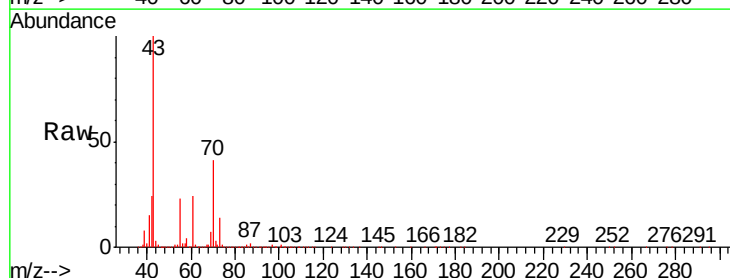
Ion Ratio Lower Upper

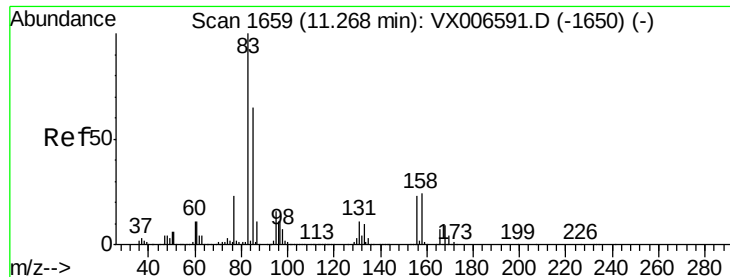
43 100

70 42.2 35.8 53.8

55 23.5 19.4 29.0

61 23.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 55.328 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

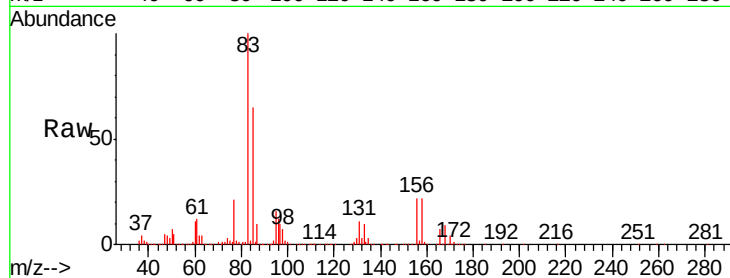
Tgt Ion: 83 Resp: 462771

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.1

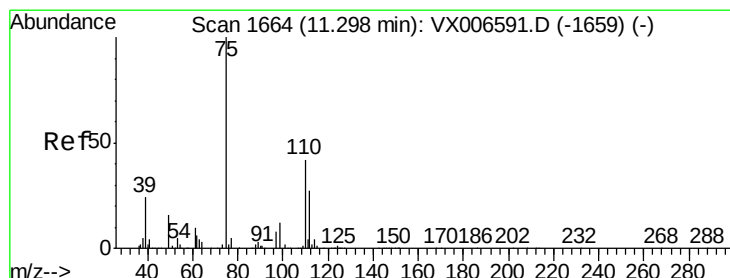
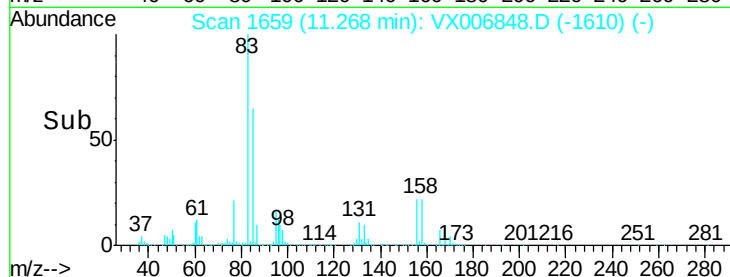
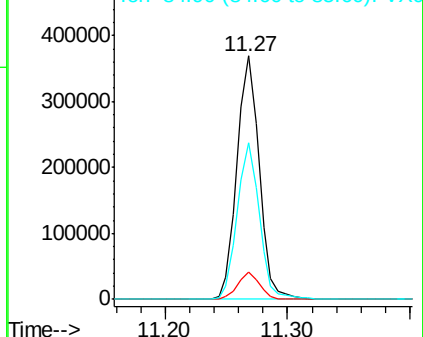
85 64.2 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.822 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006848.D

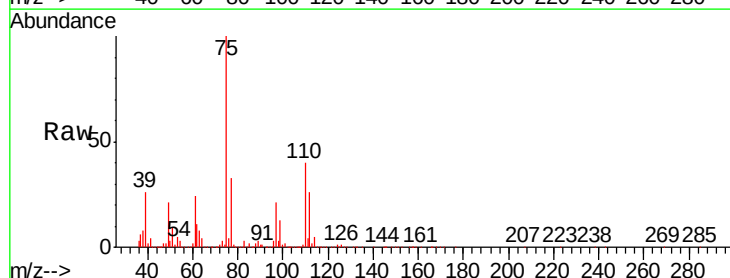
Acq: 28 Dec 2018 09:12

Tgt Ion: 75 Resp: 525792

Ion Ratio Lower Upper

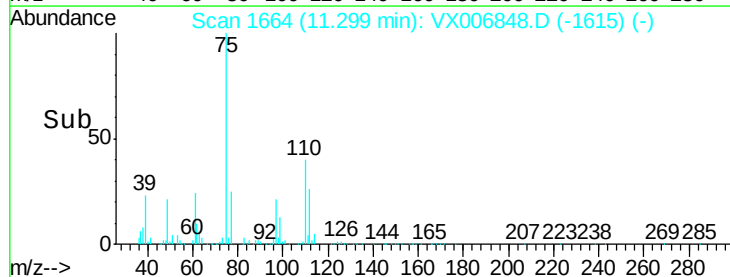
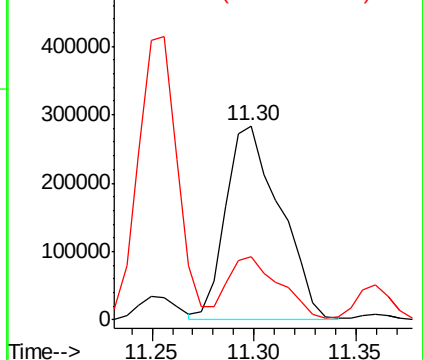
75 100

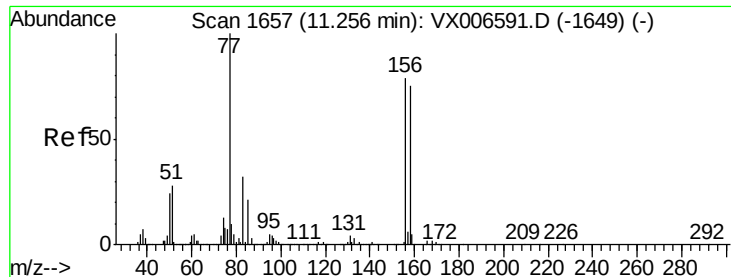
77 32.0 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 53.093 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

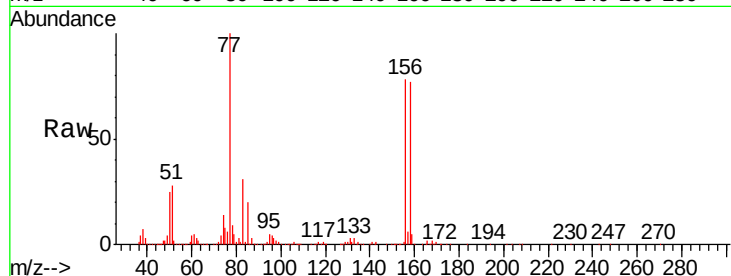
Tgt Ion:156 Resp: 403684

Ion Ratio Lower Upper

156 100

77 135.7 68.0 204.0

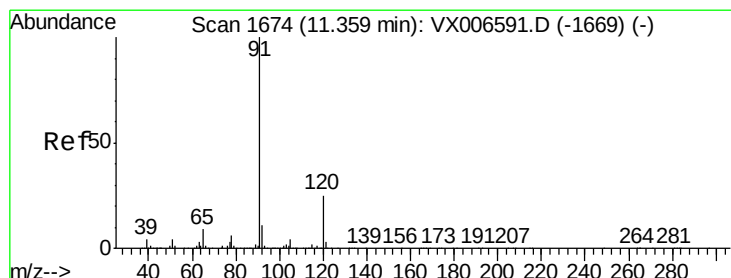
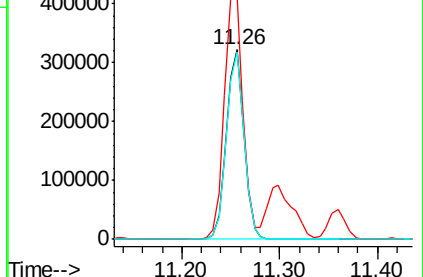
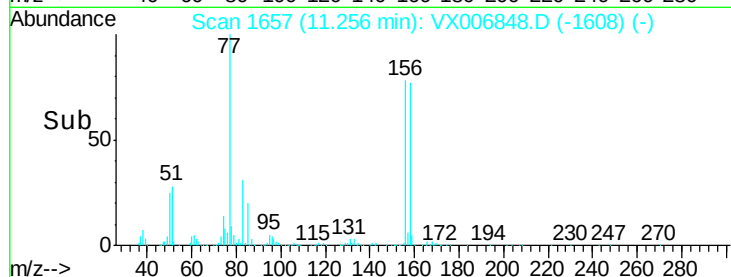
158 98.8 48.3 144.8



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: 52.191 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006848.D

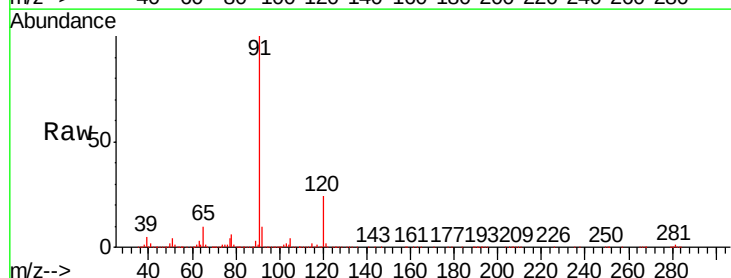
Acq: 28 Dec 2018 09:12

Tgt Ion: 91 Resp: 1616348

Ion Ratio Lower Upper

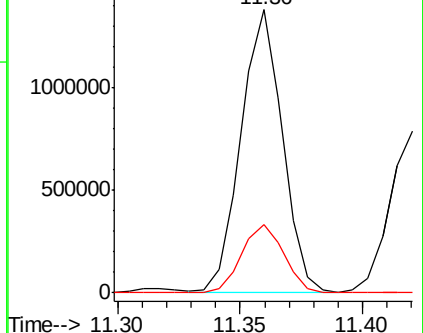
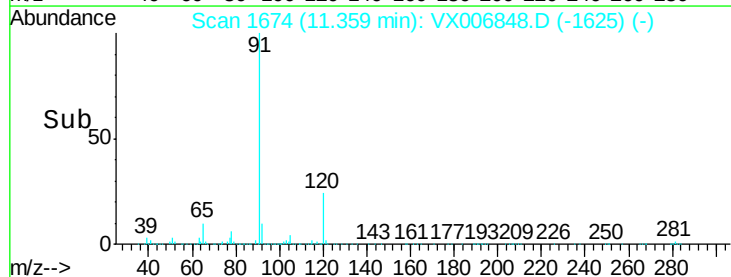
91 100

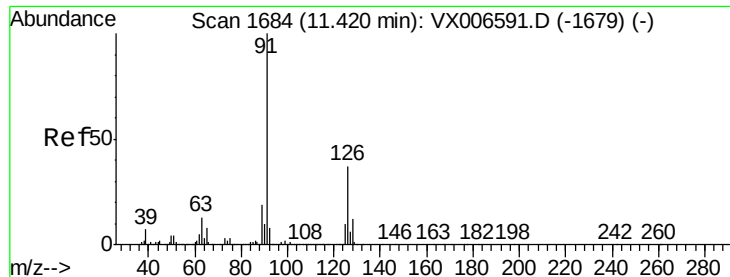
120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.124 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

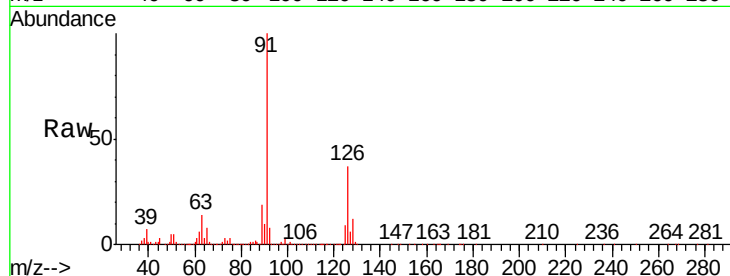
VSTDCCC050

Tgt Ion: 91 Resp: 959497

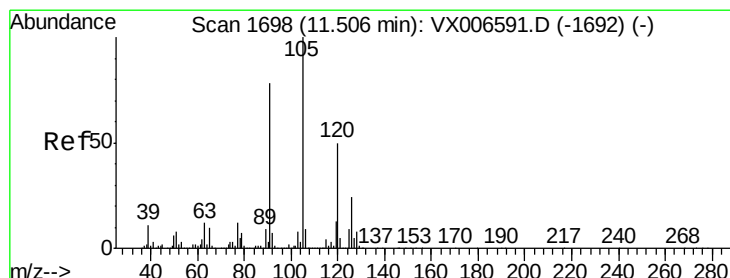
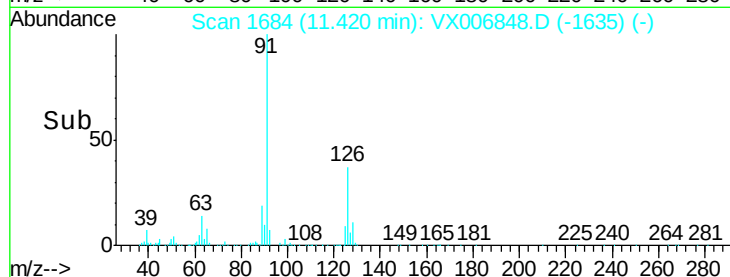
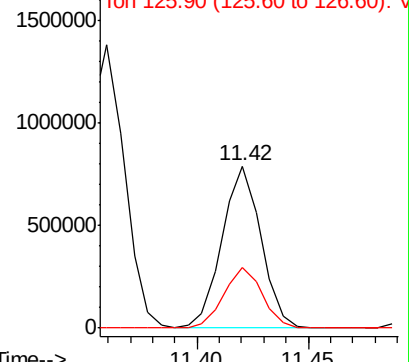
Ion Ratio Lower Upper

91 100

126 37.2 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.508 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006848.D

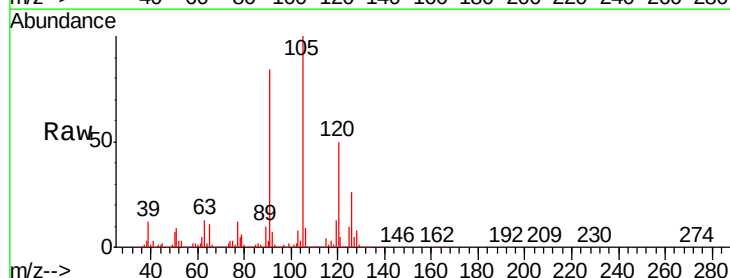
Acq: 28 Dec 2018 09:12

Tgt Ion: 105 Resp: 1170007

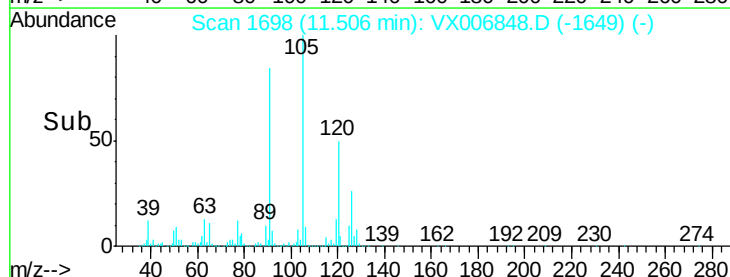
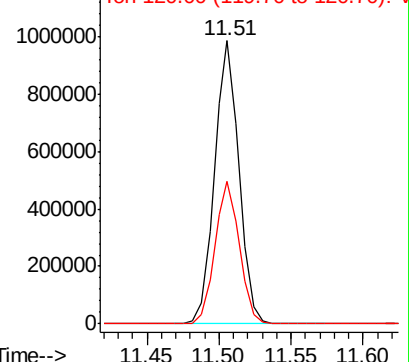
Ion Ratio Lower Upper

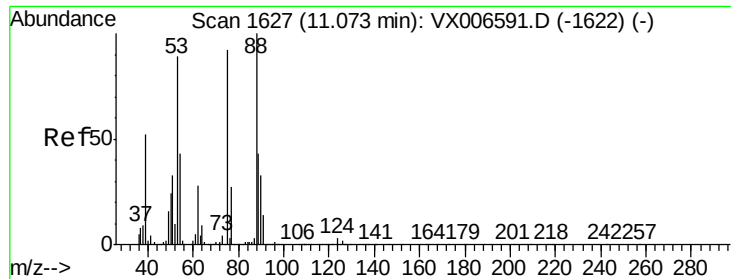
105 100

120 50.4 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006591.D (-1692) (-)

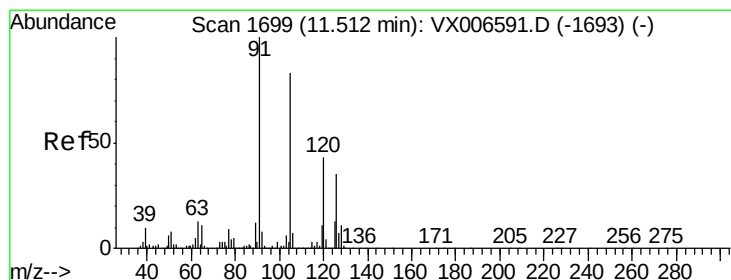
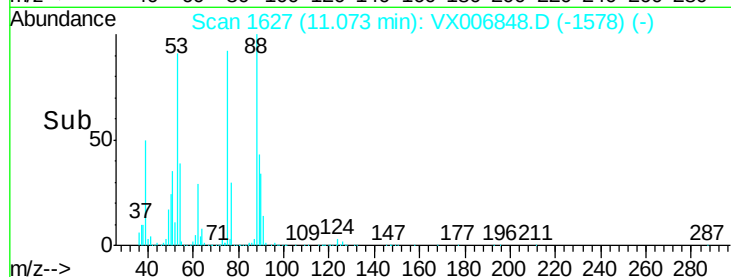
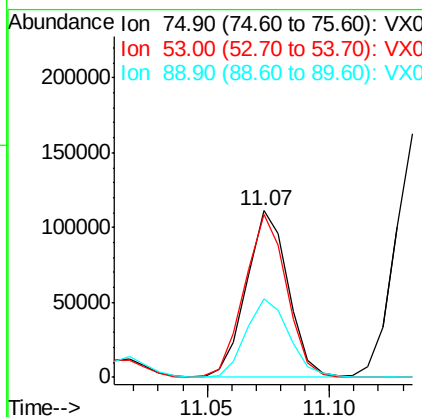
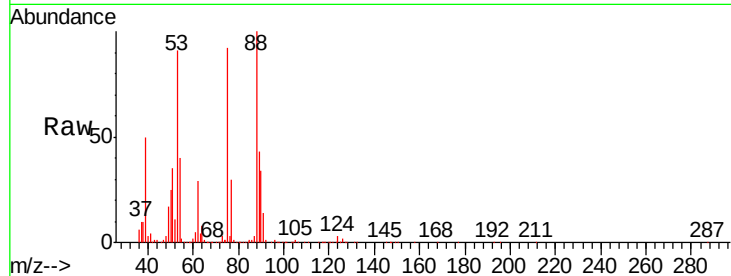




#81
trans-1,4-Dichloro-2-butene
Concen: 52.222 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

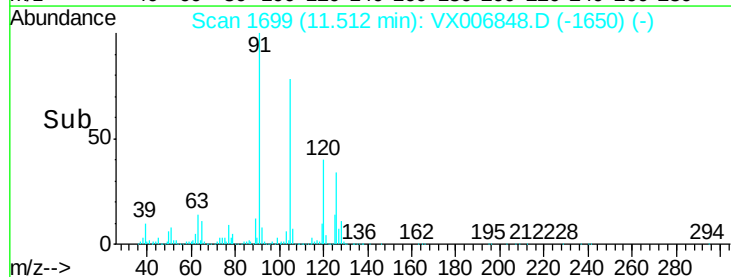
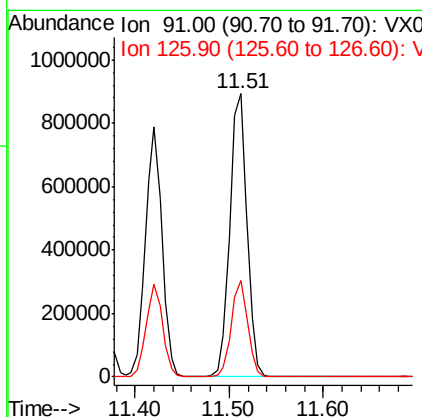
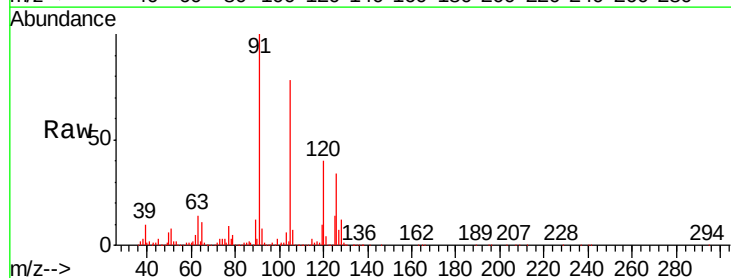
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

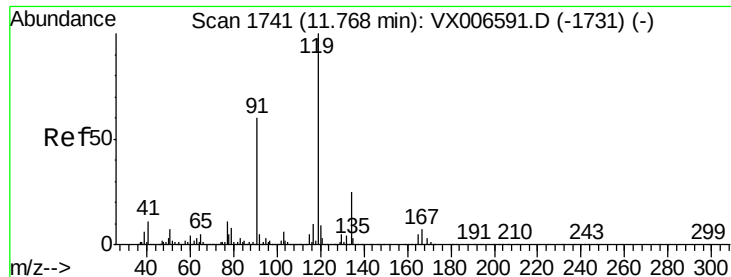
Tgt Ion: 75 Resp: 131616
Ion Ratio Lower Upper
75 100
53 98.8 79.7 119.5
89 49.4 38.0 57.0



#82
4-Chlorotoluene
Concen: 52.476 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion: 91 Resp: 1129729
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.9

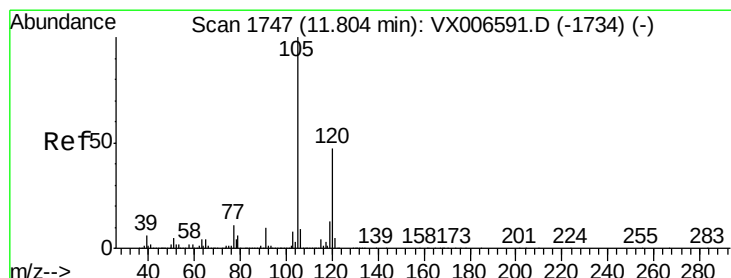
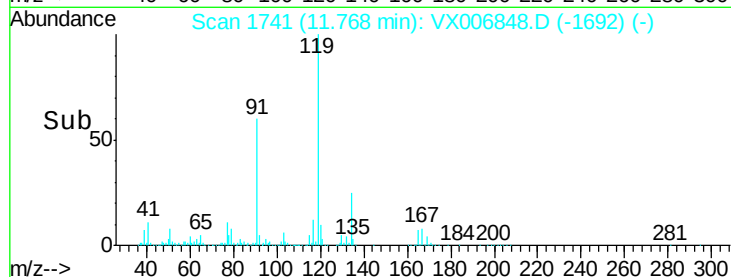
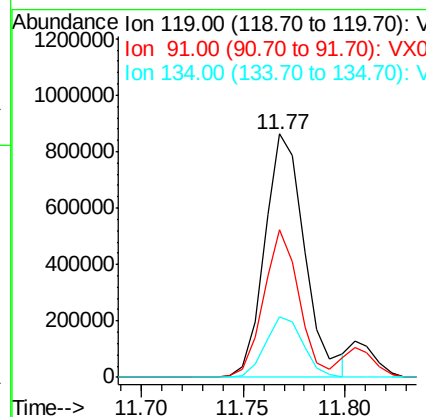
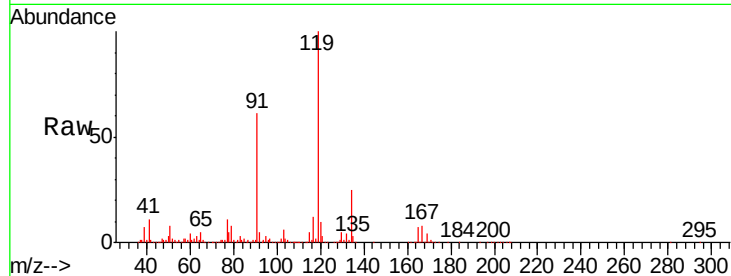




#83
 tert-Butylbenzene
 Concen: 50.848 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

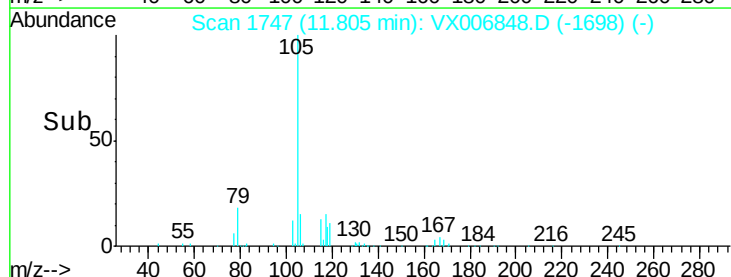
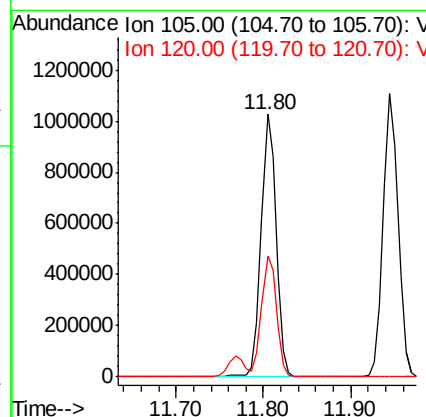
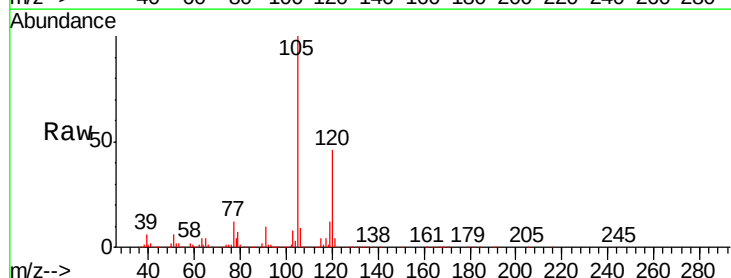
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

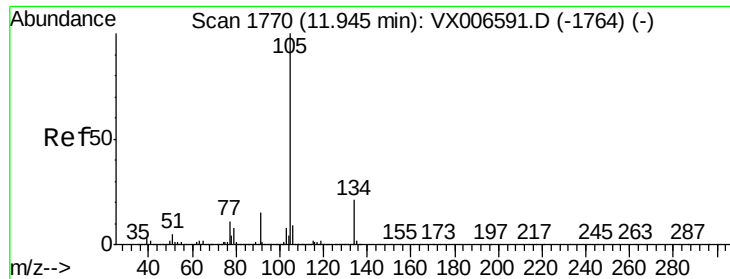
Tgt Ion:119 Resp: 1178879
 Ion Ratio Lower Upper
 119 100
 91 53.7 27.7 83.1
 134 23.4 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 49.524 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion:105 Resp: 1206662
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 46.544 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

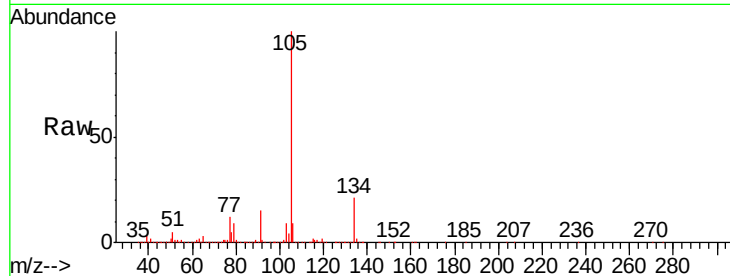
VSTDCCC050

Tgt Ion:105 Resp: 1323019

Ion Ratio Lower Upper

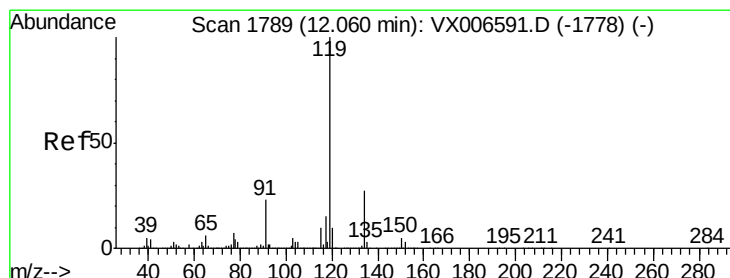
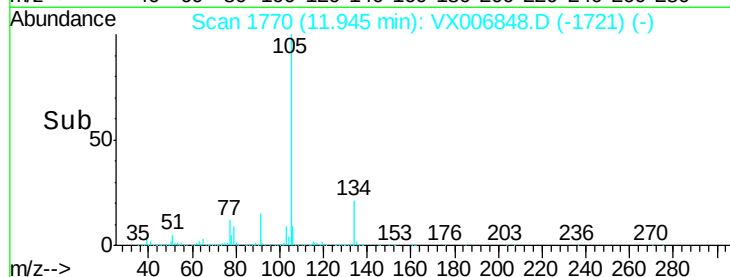
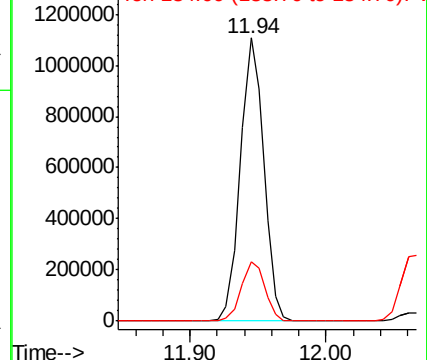
105 100

134 21.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.834 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

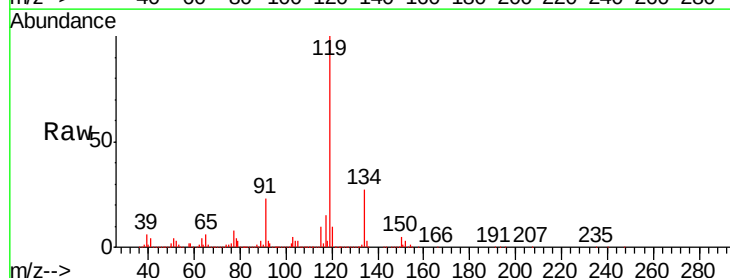
Tgt Ion:119 Resp: 1195225

Ion Ratio Lower Upper

119 100

134 27.3 14.0 41.9

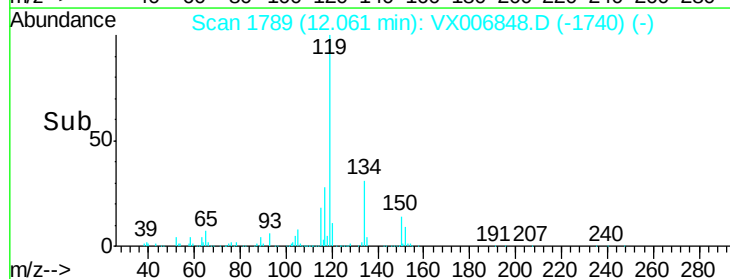
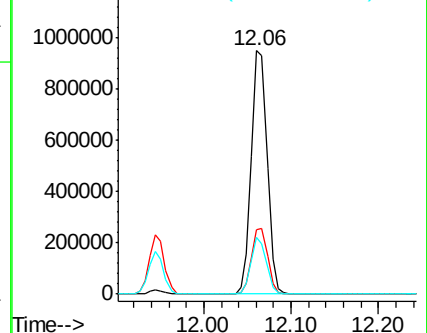
91 22.6 11.3 33.9

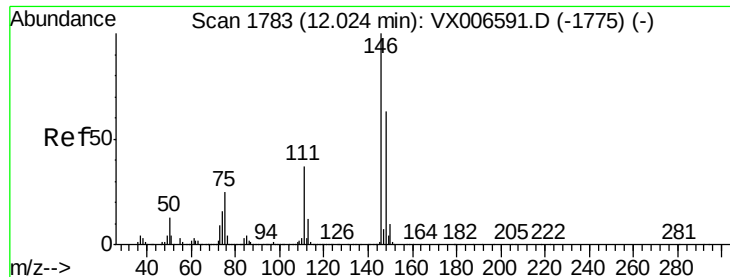


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 52.256 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

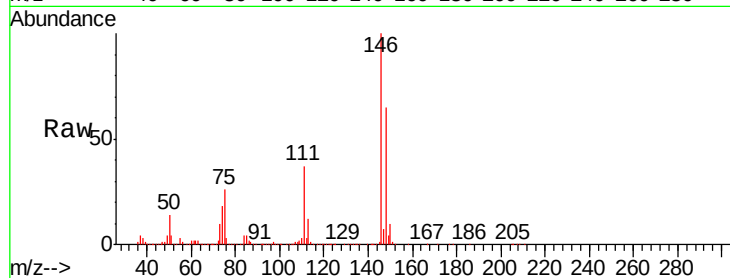
Tgt Ion:146 Resp: 716078

Ion Ratio Lower Upper

146 100

111 36.9 18.6 55.8

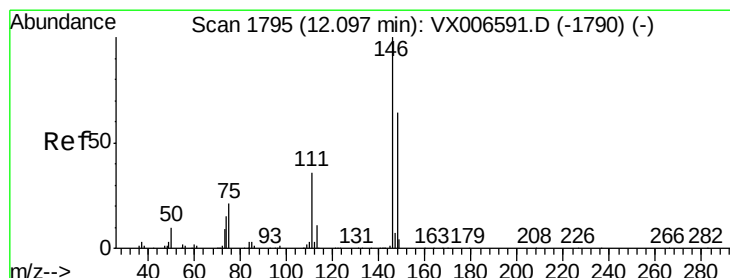
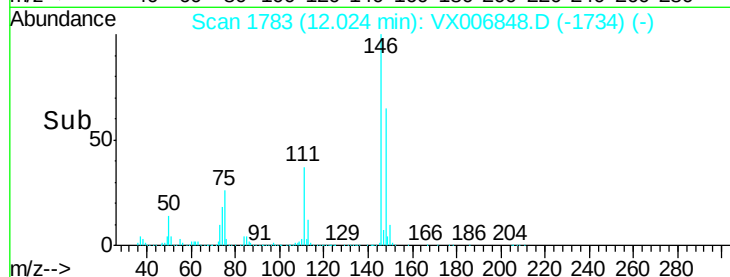
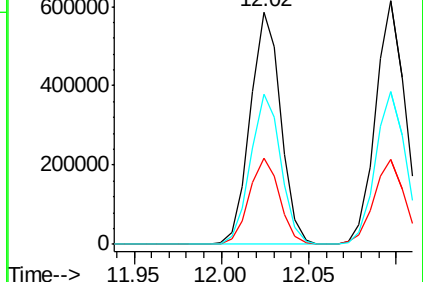
148 64.2 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 51.511 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

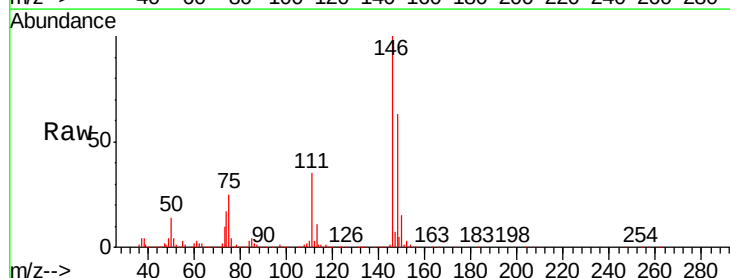
Tgt Ion:146 Resp: 723615

Ion Ratio Lower Upper

146 100

111 35.9 18.1 54.1

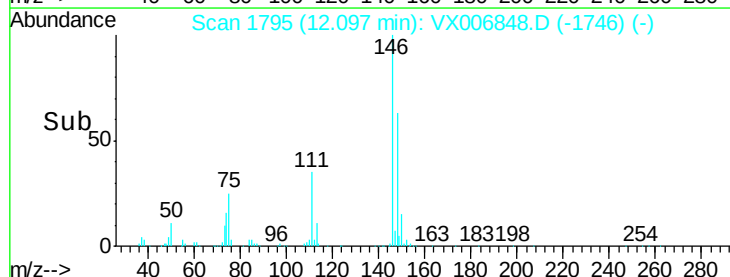
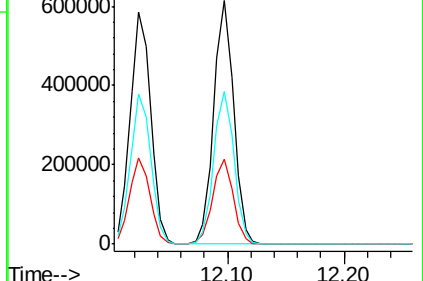
148 63.8 31.9 95.9

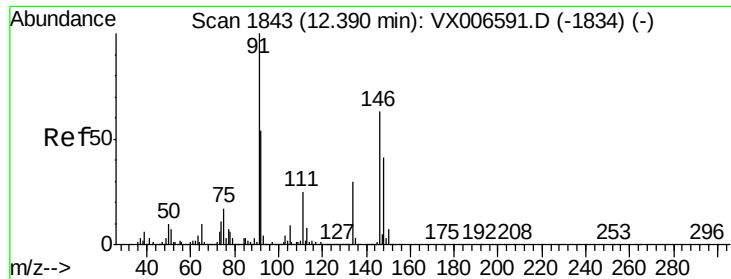


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 47.915 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

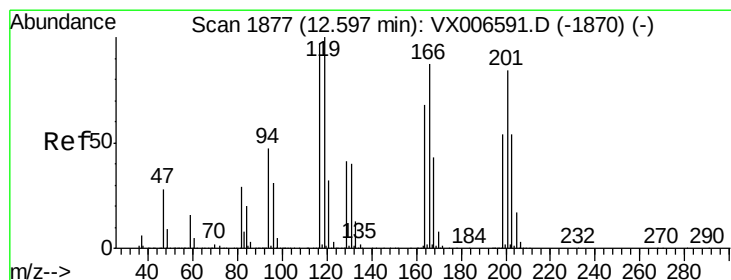
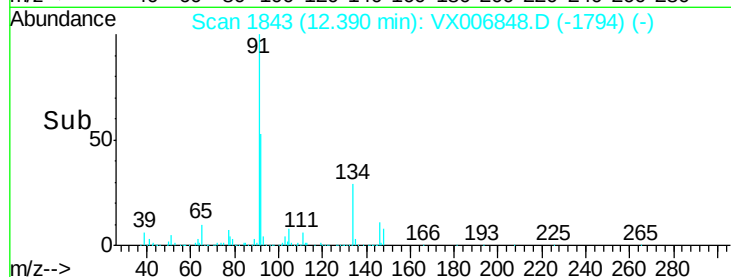
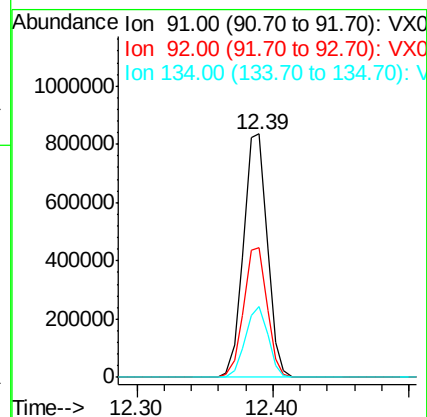
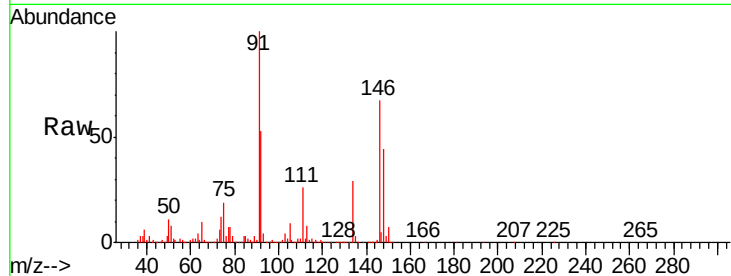
Tgt Ion: 91 Resp: 1018915

Ion Ratio Lower Upper

91 100

92 52.9 26.8 80.4

134 28.1 14.4 43.2



#90

Hexachloroethane

Concen: 45.994 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006848.D

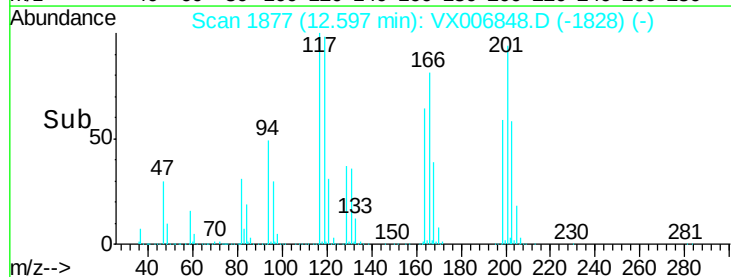
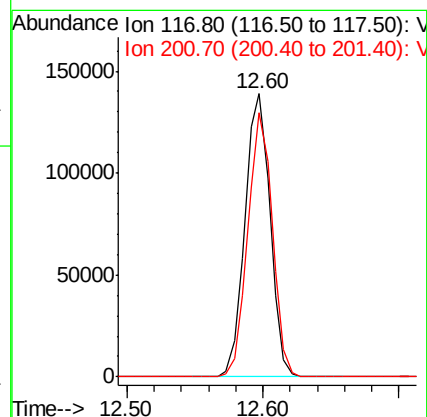
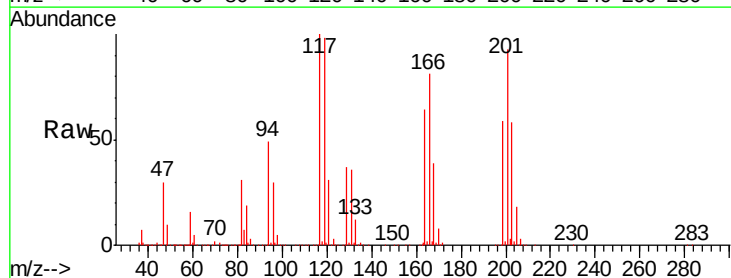
Acq: 28 Dec 2018 09:12

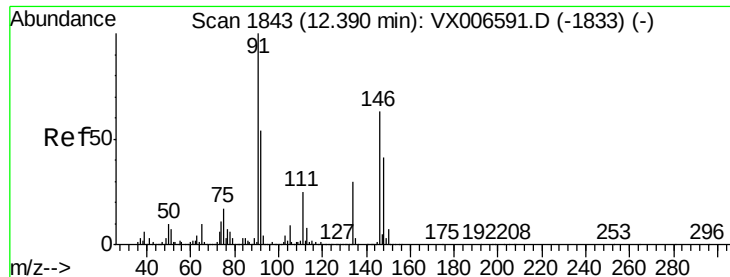
Tgt Ion: 117 Resp: 178756

Ion Ratio Lower Upper

117 100

201 91.7 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 51.350 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

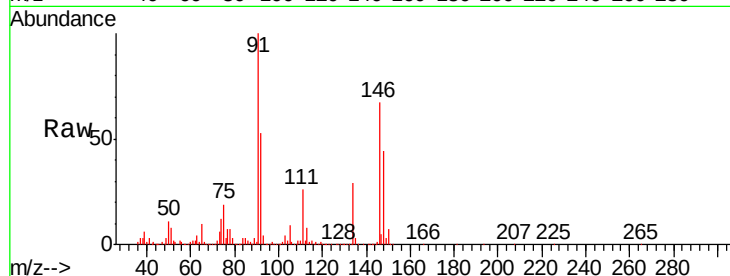
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

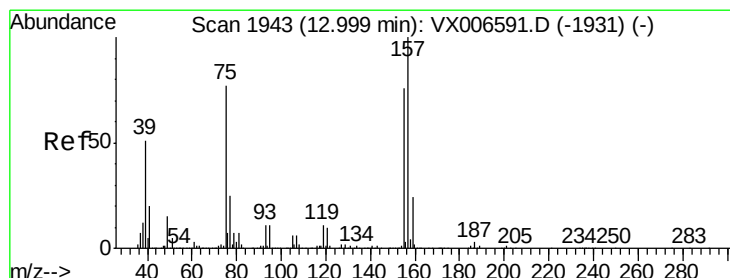
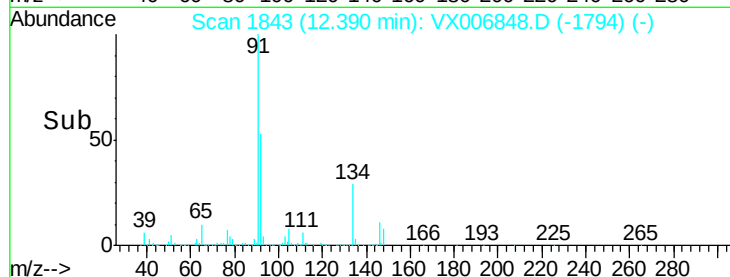
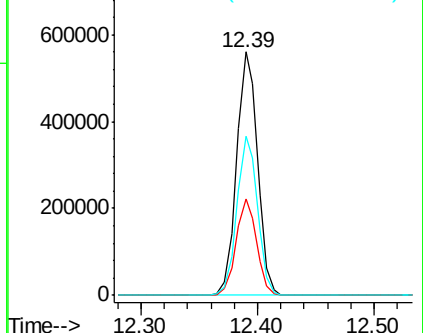
Tgt Ion:	146	Resp:	703900
Ion Ratio	Lower	Upper	
146	100		
111	38.7	19.4	58.2
148	64.2	32.3	96.9



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: 53.904 ug/l

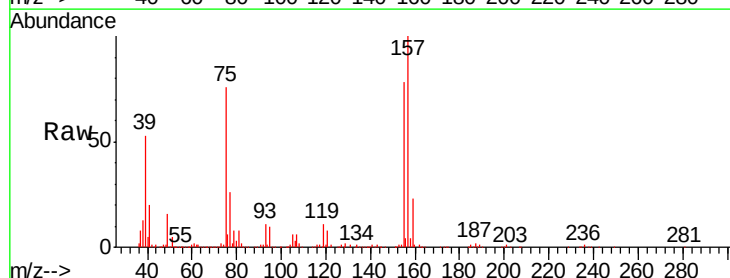
RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006848.D

Acq: 28 Dec 2018 09:12

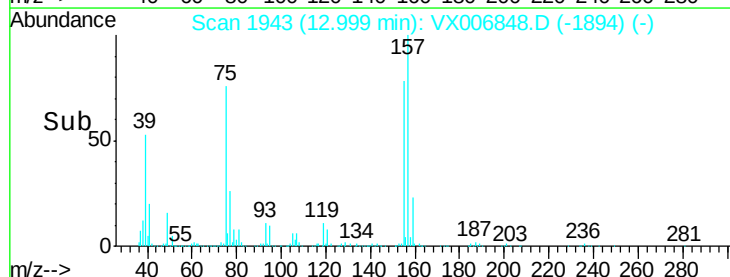
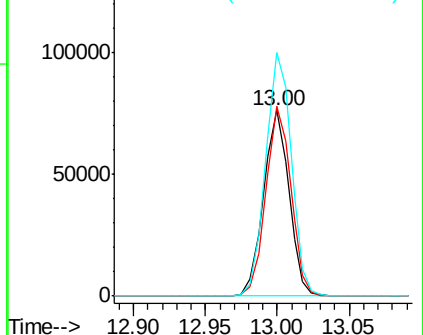
Tgt Ion:	75	Resp:	93289
Ion Ratio	Lower	Upper	
75	100		
155	100.7	50.6	151.8
157	132.1	64.6	193.8

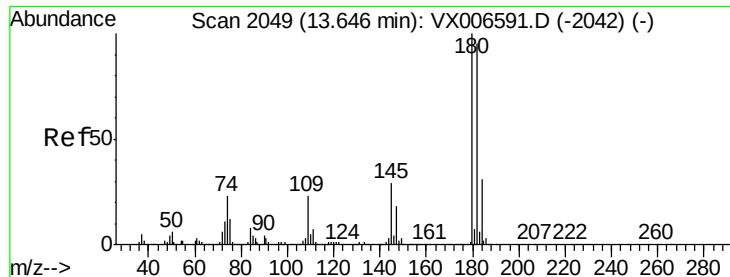


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

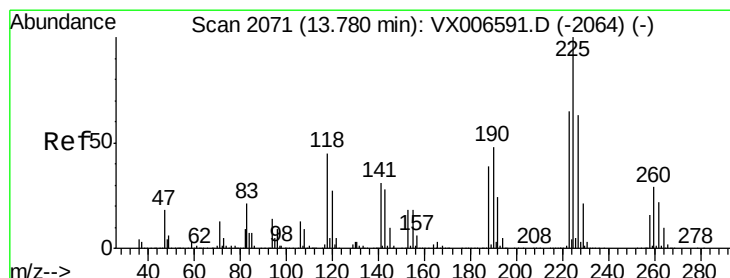
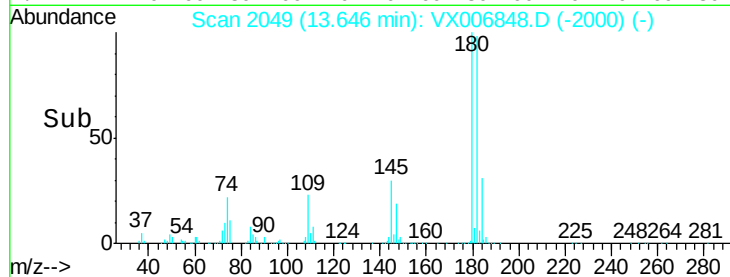
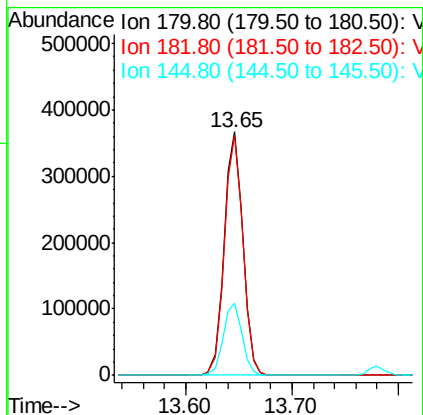
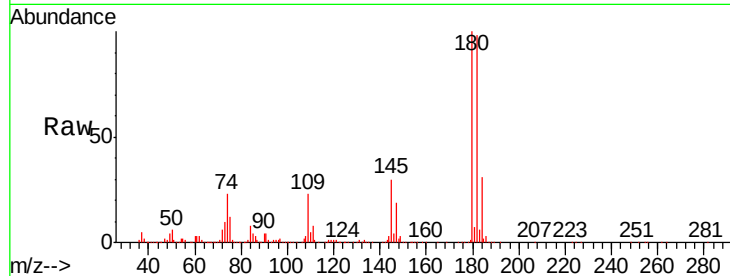




#93
 1,2,4-Trichlorobenzene
 Concen: 47.623 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

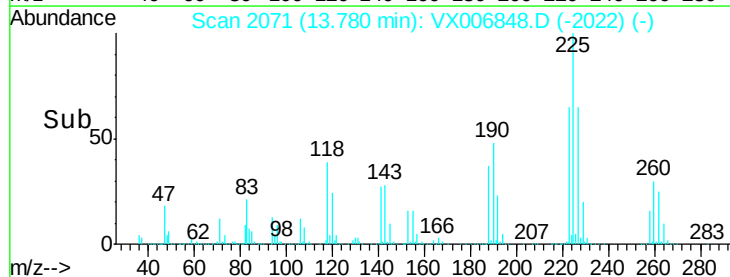
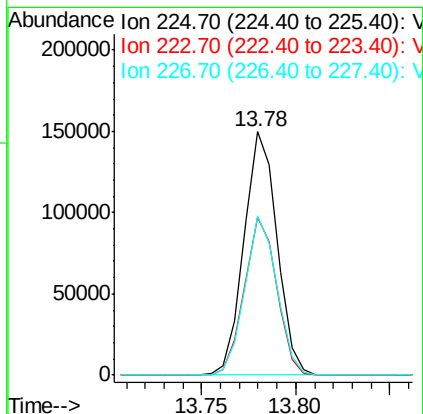
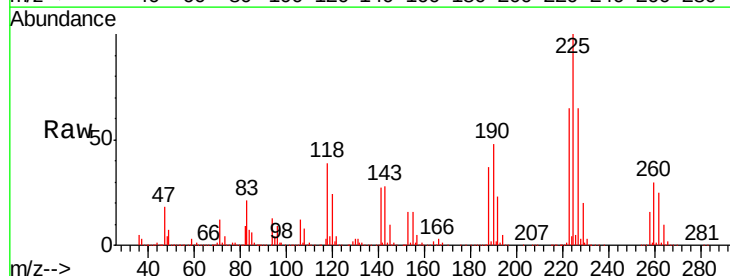
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

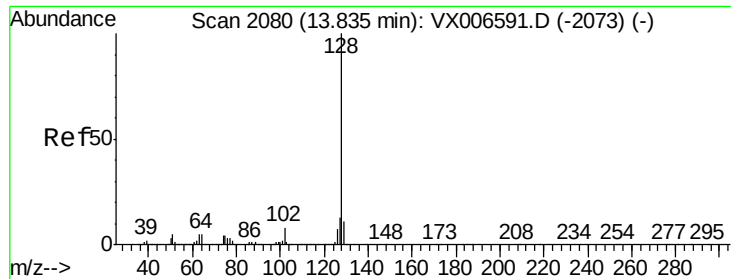
Tgt Ion:180 Resp: 450311
 Ion Ratio Lower Upper
 180 100
 182 97.2 47.3 142.0
 145 29.8 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 40.955 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006848.D
 Acq: 28 Dec 2018 09:12

Tgt Ion:225 Resp: 182531
 Ion Ratio Lower Upper
 225 100
 223 63.4 32.1 96.3
 227 63.4 32.3 96.8

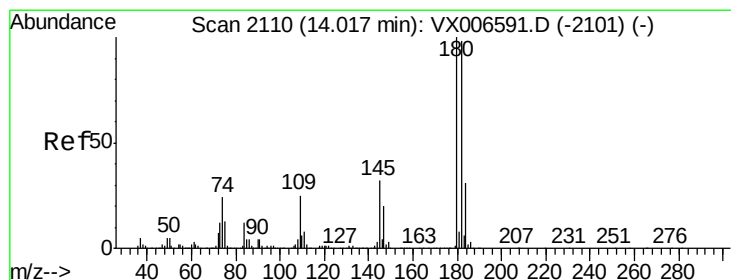
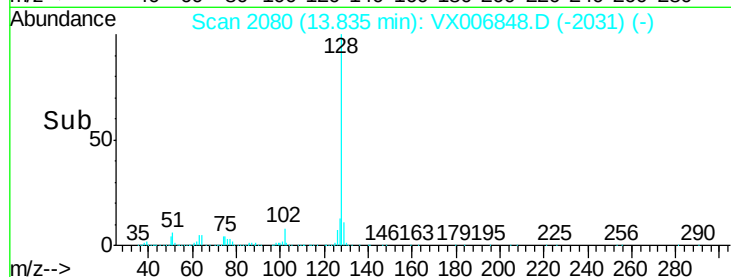
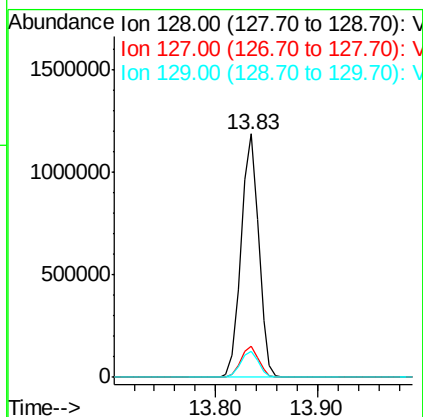
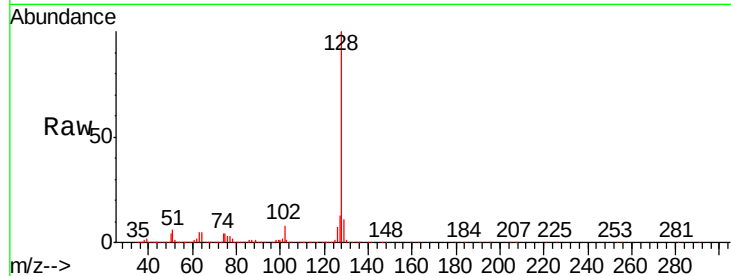




#95
Naphthalene
Concen: 46.427 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 1401126
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 45.434 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX006848.D
Acq: 28 Dec 2018 09:12

Tgt Ion:180 Resp: 443564
Ion Ratio Lower Upper
180 100
182 95.2 48.5 145.5
145 30.4 16.0 47.9

