

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012119\
 Data File : VX007170.D
 Acq On : 21 Jan 2019 20:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 22 00:09:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	457092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	676500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	638906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	343576	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	232765	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	5.50	113	208044	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	8.71	98	779269	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.13	95	292337	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	181694	48.405	ug/l	98
3) Chloromethane	1.33	50	204530	46.806	ug/l	97
4) Vinyl Chloride	1.41	62	217056	46.177	ug/l	98
5) Bromomethane	1.64	94	226047	45.011	ug/l	97
6) Chloroethane	1.71	64	142225	43.333	ug/l	98
7) Trichlorofluoromethane	1.93	101	349382	46.002	ug/l	99
8) Diethyl Ether	2.19	74	139356	46.120	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	210542	46.303	ug/l	98
10) Methyl Iodide	2.51	142	289581	47.213	ug/l	99
11) Tert butyl alcohol	3.07	59	246933	219.133	ug/l	100
12) 1,1-Dichloroethene	2.37	96	193770	46.124	ug/l	94
13) Acrolein	2.29	56	142579	292.839	ug/l	97
14) Allyl chloride	2.73	41	333160	46.274	ug/l	100
15) Acrylonitrile	3.15	53	613304	237.083	ug/l	100
16) Acetone	2.45	43	511526	216.602	ug/l	99
17) Carbon Disulfide	2.57	76	429909	39.748	ug/l	99
18) Methyl Acetate	2.78	43	335979	49.127	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	697243	47.818	ug/l	99
20) Methylene Chloride	2.86	84	227212	50.591	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	208062	44.442	ug/l	93
22) Diisopropyl ether	3.87	45	665474	49.165	ug/l	99
23) Vinyl Acetate	3.82	43	2700014	236.537	ug/l	100
24) 1,1-Dichloroethane	3.70	63	367337	48.535	ug/l	99
25) 2-Butanone	4.69	43	789079	233.517	ug/l	98
26) 2,2-Dichloropropane	4.59	77	258879	44.481	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	241334	46.735	ug/l	98
28) Bromochloromethane	5.01	49	152584	46.014	ug/l	96
29) Tetrahydrofuran	5.15	42	507907	231.288	ug/l	98
30) Chloroform	5.21	83	387748	48.932	ug/l	97
31) Cyclohexane	5.57	56	309948	46.012	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	325041	48.393	ug/l	98
36) 1,1-Dichloropropene	5.80	75	276666	47.039	ug/l	99
37) Ethyl Acetate	4.85	43	299099	47.434	ug/l	98
38) Carbon Tetrachloride	5.78	117	286002	48.331	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012119\
 Data File : VX007170.D
 Acq On : 21 Jan 2019 20:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 22 00:09:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	341571	45.554	ug/l	100
40) Benzene	6.14	78	854858	47.634	ug/l	99
41) Methacrylonitrile	5.06	41	170256	46.870	ug/l	98
42) 1,2-Dichloroethane	6.20	62	293277	47.290	ug/l	100
43) Isopropyl Acetate	6.46	43	483078	48.569	ug/l	97
44) Trichloroethene	7.21	130	249707	46.432	ug/l	99
45) 1,2-Dichloropropane	7.51	63	221392	49.069	ug/l	99
46) Dibromomethane	7.66	93	152968	48.241	ug/l	96
47) Bromodichloromethane	7.90	83	278593	51.616	ug/l	97
48) Methyl methacrylate	7.77	41	252243	49.384	ug/l	97
49) 1,4-Dioxane	7.75	88	111977	959.625	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1633182	255.502	ug/l	99
52) Toluene	8.78	92	565410	49.017	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	302688	50.574	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	338083	51.151	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	242095	52.436	ug/l	99
56) Ethyl methacrylate	9.18	69	355637	52.764	ug/l	95
57) 1,3-Dichloropropane	9.37	76	384663	50.855	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	877743	253.279	ug/l	99
59) 2-Hexanone	9.49	43	1225529	251.591	ug/l	99
60) Dibromochloromethane	9.58	129	247202	55.139	ug/l	99
61) 1,2-Dibromoethane	9.67	107	257904	50.740	ug/l	99
64) Tetrachloroethene	9.34	164	253464	45.822	ug/l	97
65) Chlorobenzene	10.13	112	667589	47.908	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	240517	51.308	ug/l	100
67) Ethyl Benzene	10.25	91	1110065	48.254	ug/l	100
68) m/p-Xylenes	10.36	106	882018	97.315	ug/l	99
69) o-Xylene	10.69	106	437476	49.493	ug/l	98
70) Styrene	10.71	104	713116	50.939	ug/l	99
71) Bromoform	10.86	173	189408	45.620	ug/l	98
73) Isopropylbenzene	11.02	105	1164207	48.054	ug/l	99
74) N-amyl acetate	10.90	43	452135	46.352	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	357757	46.515	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	395248	56.769	ug/l	93
77) Bromobenzene	11.26	156	314025	47.042	ug/l	99
78) n-propylbenzene	11.36	91	1312560	49.352	ug/l	99
79) 2-Chlorotoluene	11.42	91	765982	47.845	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	958527	47.350	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	93114	41.089	ug/l	98
82) 4-Chlorotoluene	11.51	91	890255	48.027	ug/l	99
83) tert-Butylbenzene	11.77	119	959009	47.482	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	979754	48.130	ug/l	99
85) sec-Butylbenzene	11.94	105	1173235	48.639	ug/l	100
86) p-Isopropyltoluene	12.06	119	1053106	48.810	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	562871	46.650	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	565302	49.451	ug/l	100
89) n-Butylbenzene	12.38	91	891960	48.496	ug/l	99
90) Hexachloroethane	12.60	117	159929	46.639	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	565861	47.523	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	73070	48.036	ug/l	100

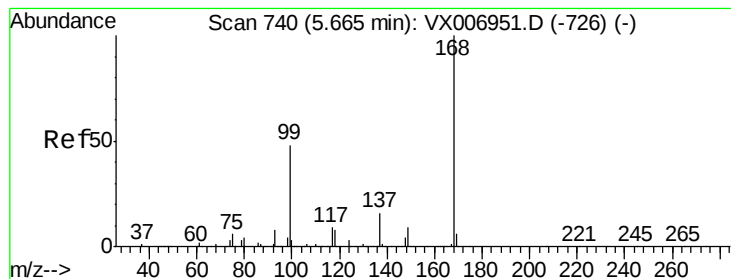
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012119\
Data File : VX007170.D
Acq On : 21 Jan 2019 20:13
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jan 22 00:09:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	389280	47.652	ug/l	99
94) Hexachlorobutadiene	13.78	225	178833	49.331	ug/l	98
95) Naphthalene	13.83	128	1186925	47.948	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	386867	47.673	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

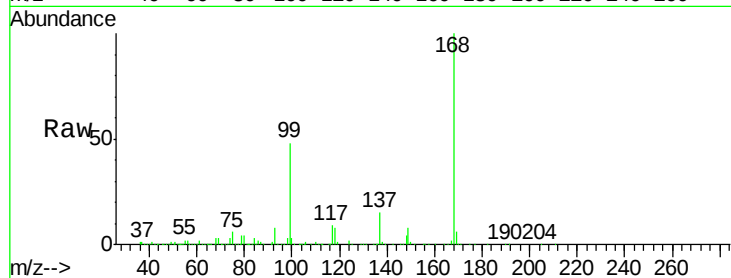
VSTDCCC050EC

Tot Ion:168 Resp: 457092

Ion Ratio Lower Upper

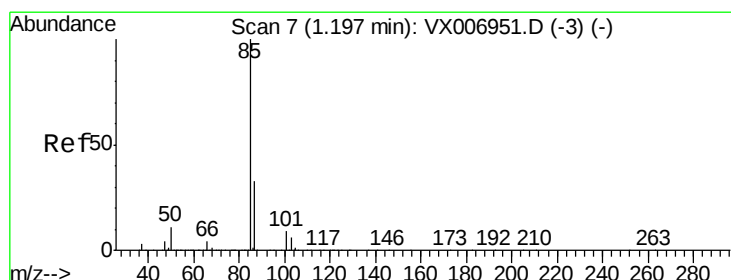
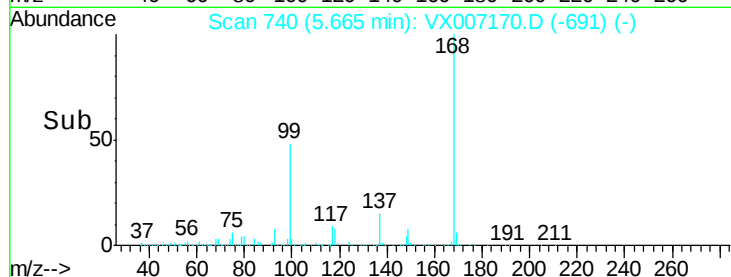
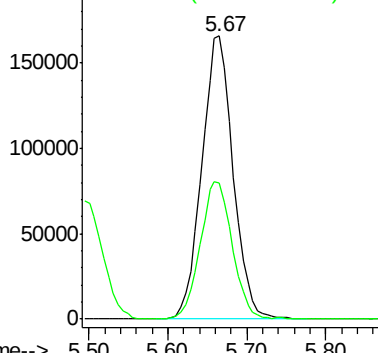
168 100

99 48.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.405 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007170.D

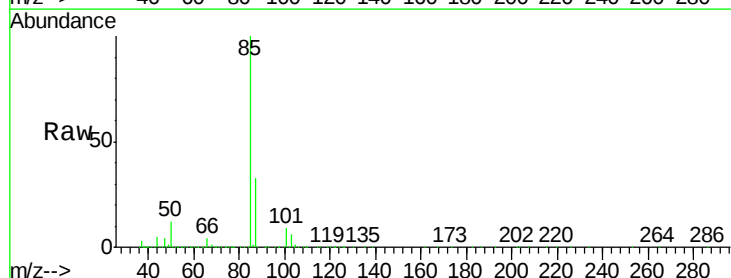
Acq: 21 Jan 2019 20:13

Tgt Ion: 85 Resp: 181694

Ion Ratio Lower Upper

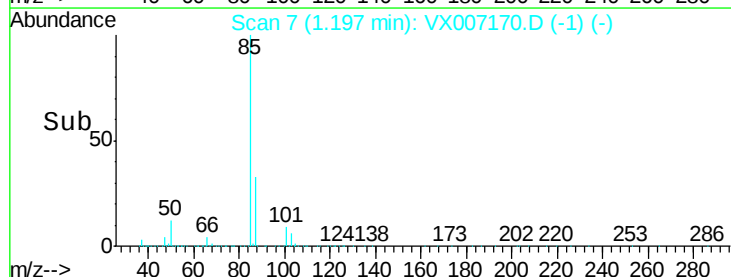
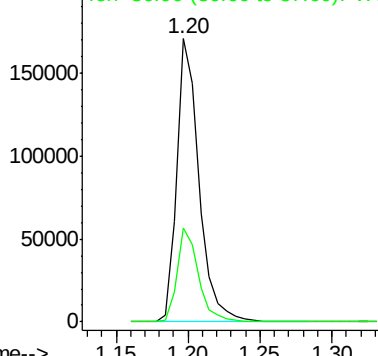
85 100

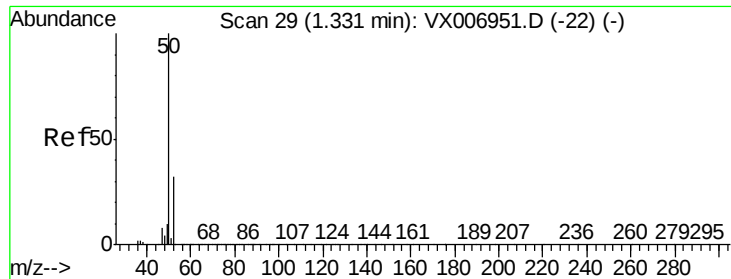
87 33.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.806 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

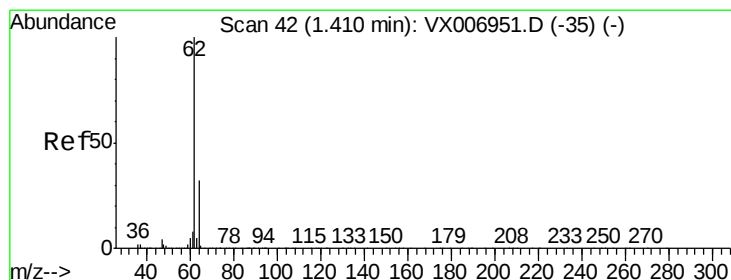
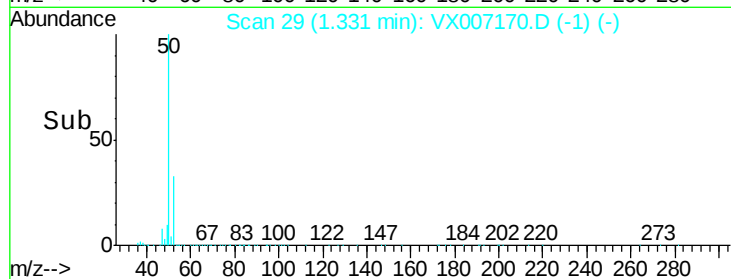
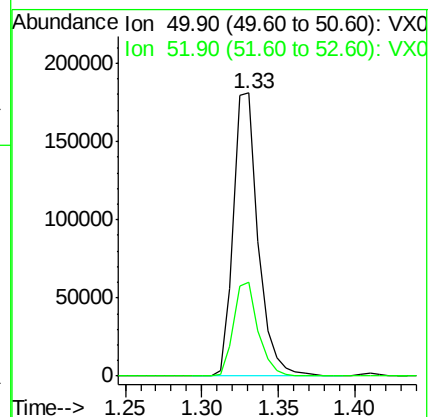
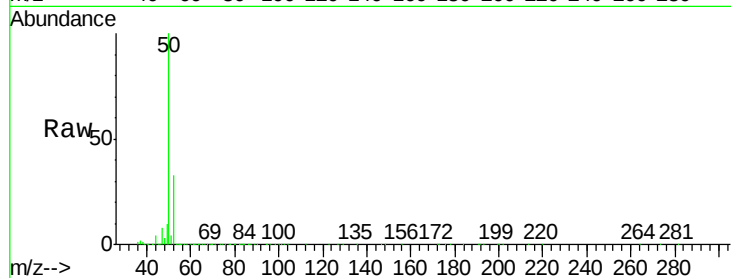
VSTDCCC050EC

Tot Ion: 50 Resp: 204530

Ion Ratio Lower Upper

50 100

52 33.3 25.4 38.2



#4

Vinyl Chloride

Concen: 46.177 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007170.D

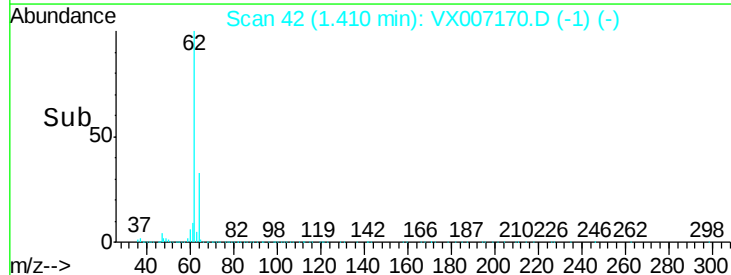
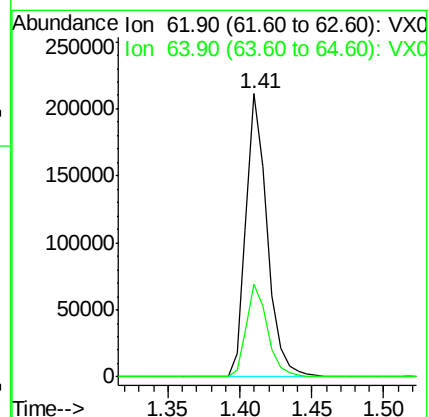
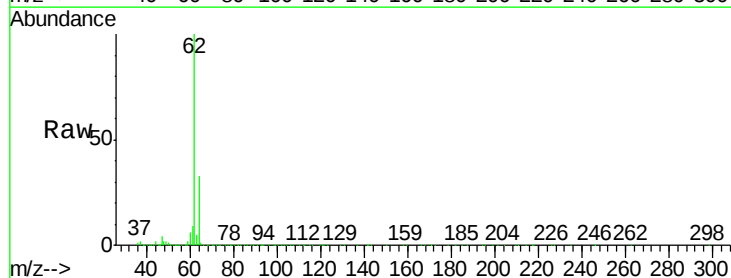
Acq: 21 Jan 2019 20:13

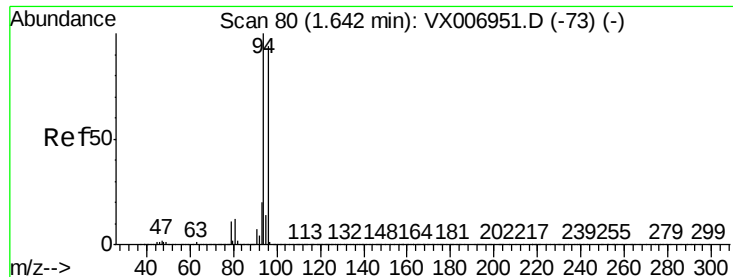
Tgt Ion: 62 Resp: 217056

Ion Ratio Lower Upper

62 100

64 32.8 25.1 37.7





#5

Bromomethane

Concen: 45.011 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

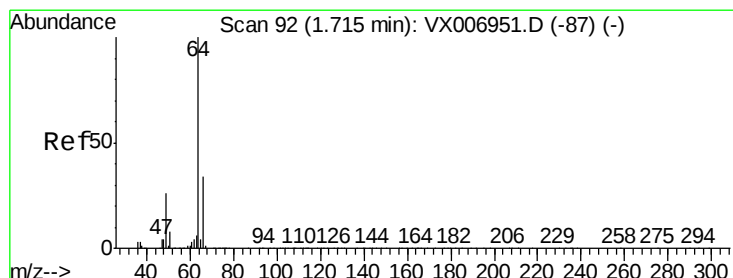
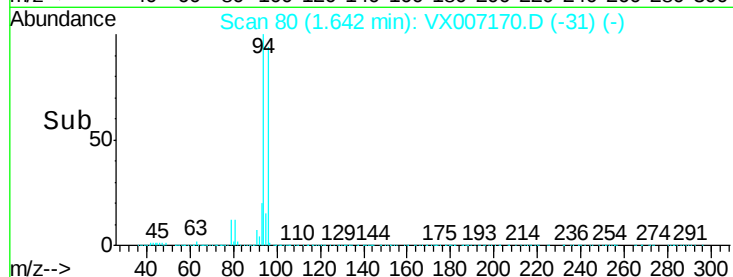
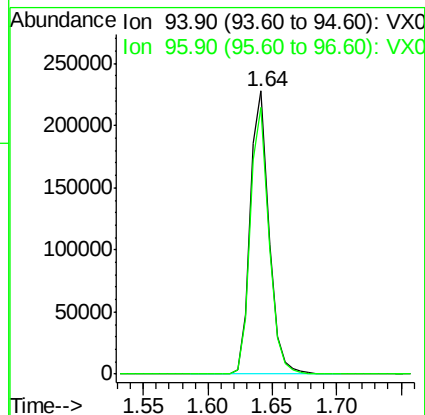
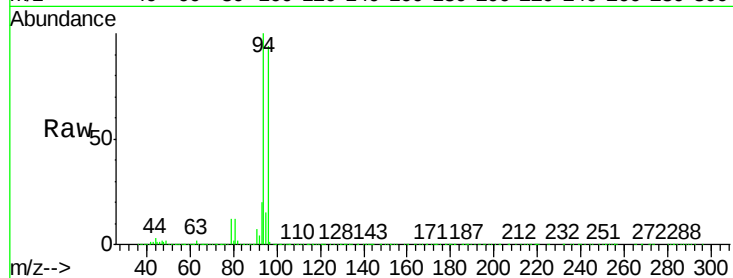
VSTDCCC050EC

Tot Ion: 94 Resp: 226047

Ion Ratio Lower Upper

94 100

96 94.3 73.4 110.2



#6

Chloroethane

Concen: 43.333 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX007170.D

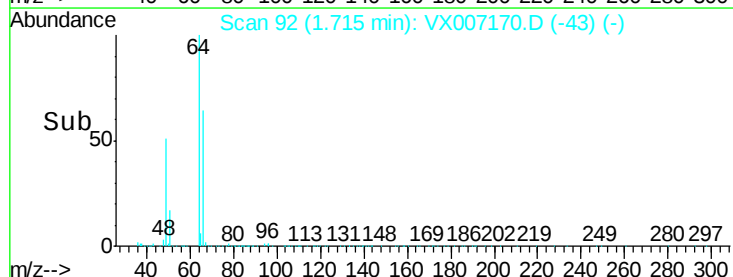
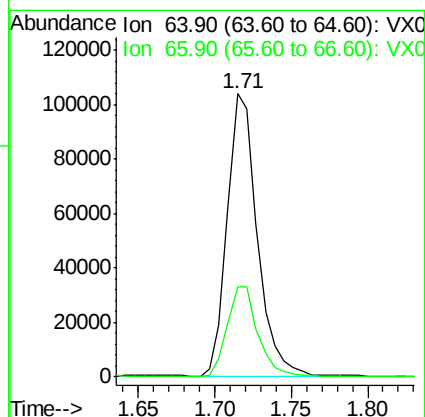
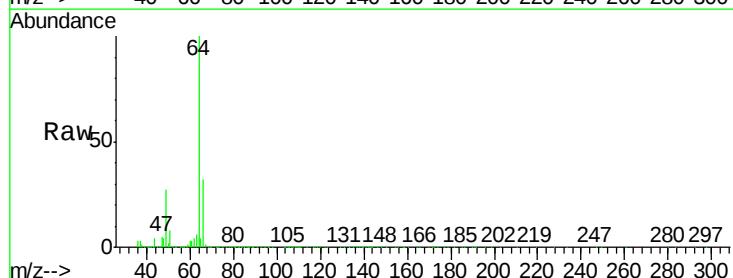
Acq: 21 Jan 2019 20:13

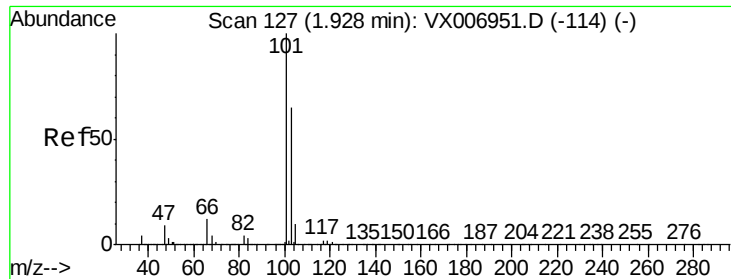
Tgt Ion: 64 Resp: 142225

Ion Ratio Lower Upper

64 100

66 31.6 26.4 39.6



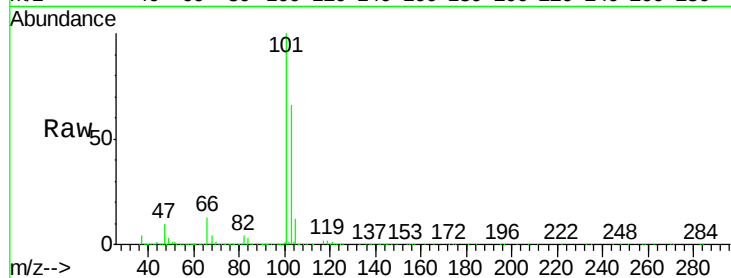


#7

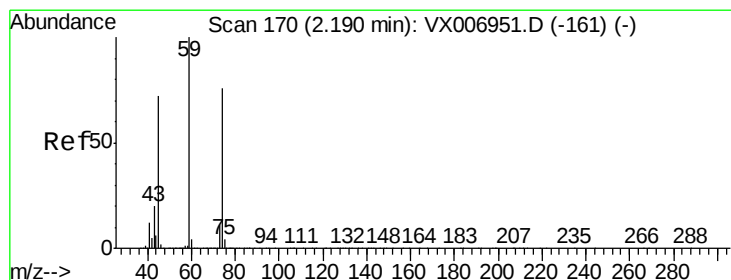
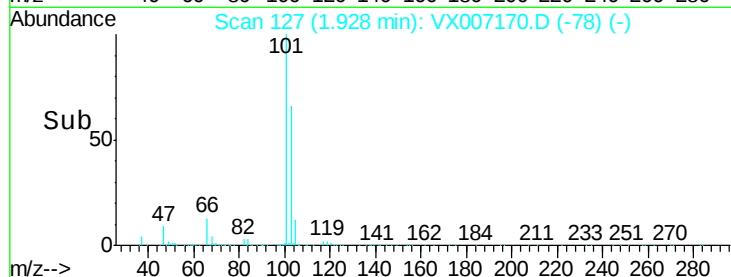
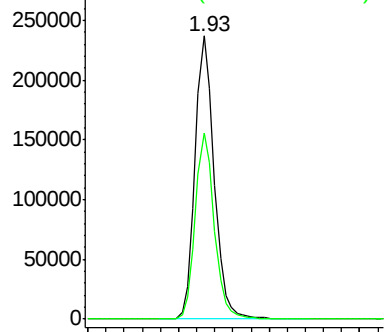
Trichlorofluoromethane
Concen: 46.002 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 349382
Ion Ratio Lower Upper
101 100
103 65.5 53.2 79.8



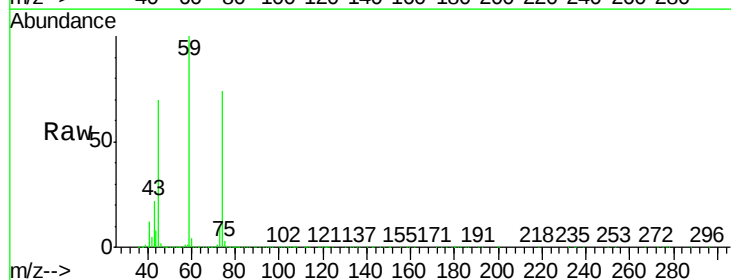
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



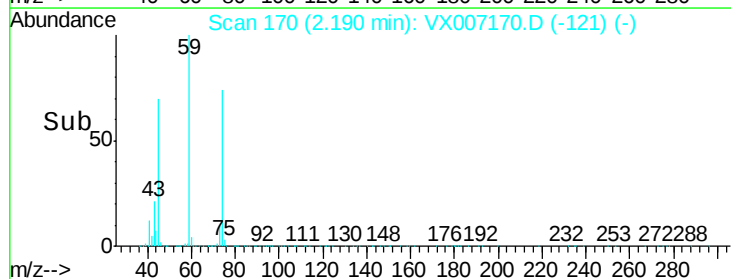
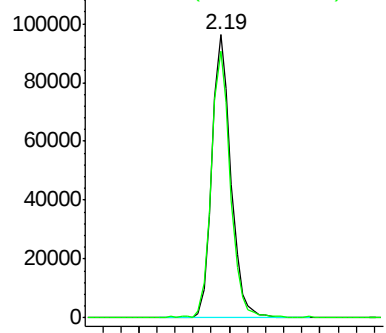
#8

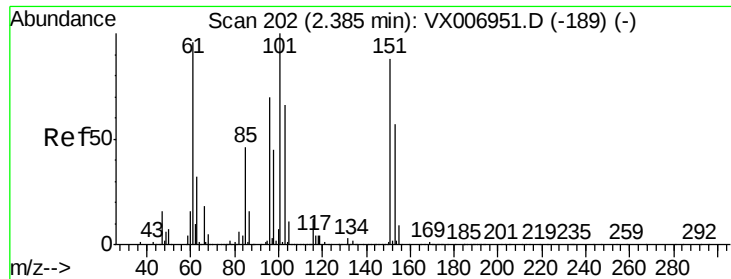
Diethyl Ether
Concen: 46.120 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

Tgt Ion: 74 Resp: 139356
Ion Ratio Lower Upper
74 100
45 93.5 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.303 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

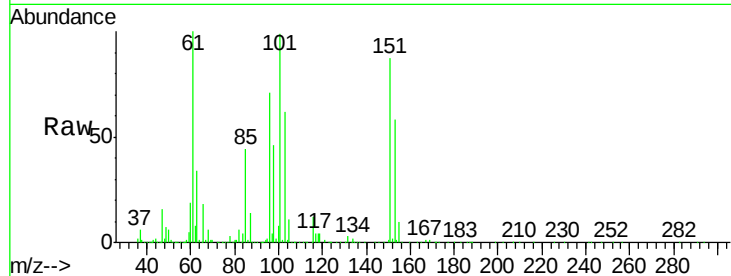
Tot Ion:101 Resp: 210542

Ion Ratio Lower Upper

101 100

85 44.4 35.1 52.7

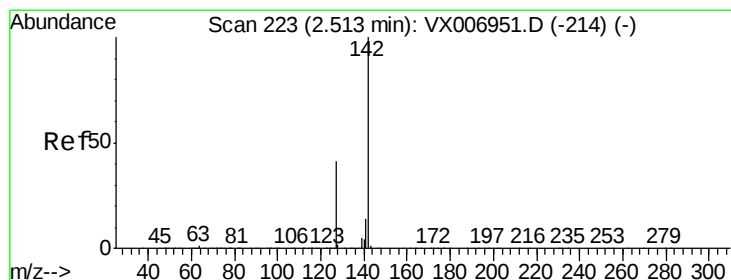
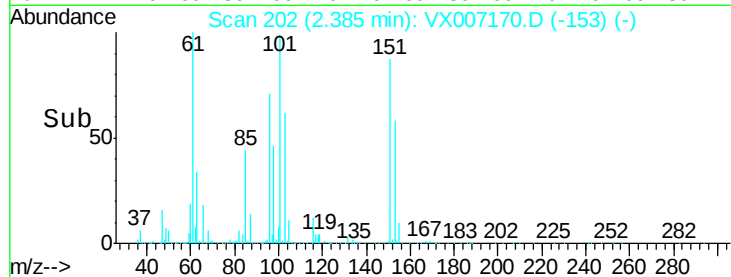
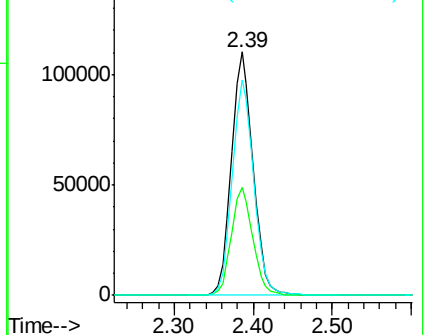
151 88.5 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.213 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

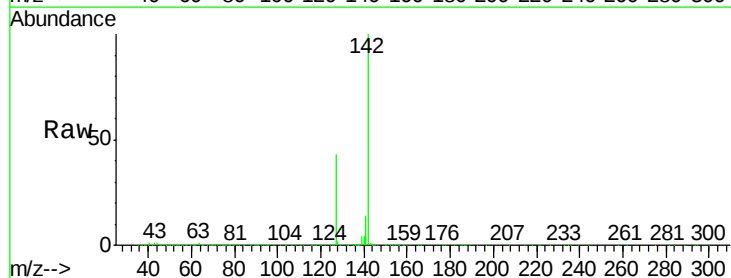
Tgt Ion:142 Resp: 289581

Ion Ratio Lower Upper

142 100

127 42.9 33.9 50.9

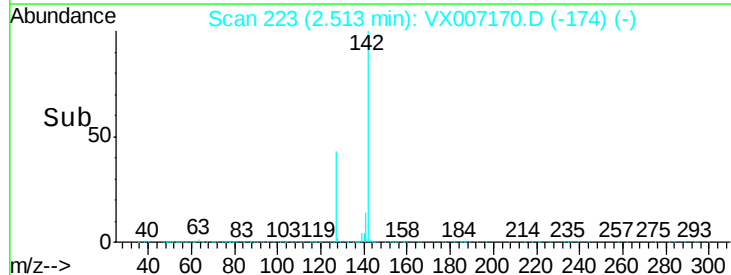
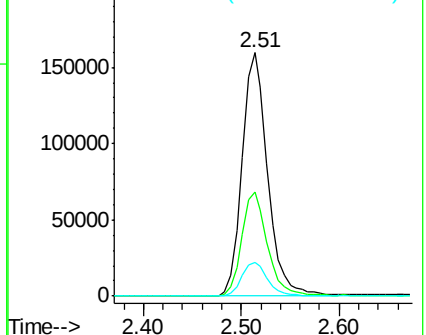
141 14.2 11.4 17.0

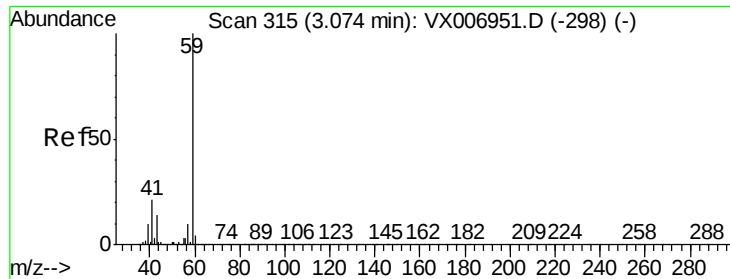


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



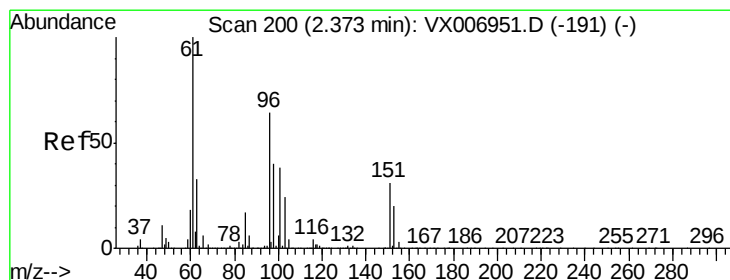
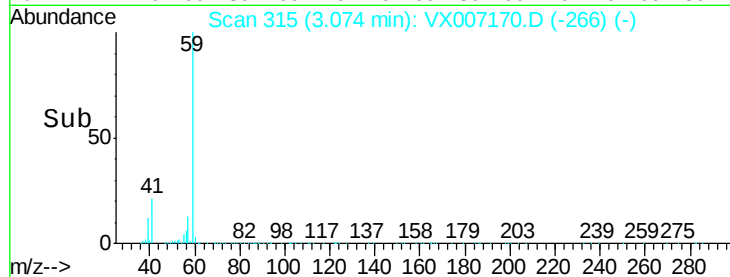
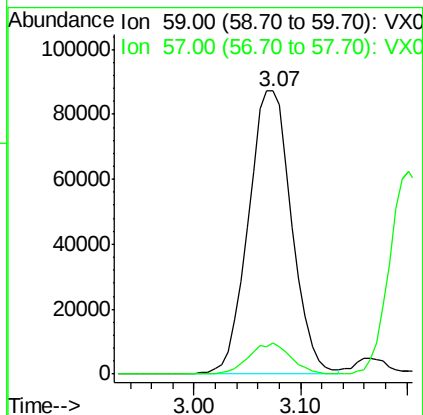
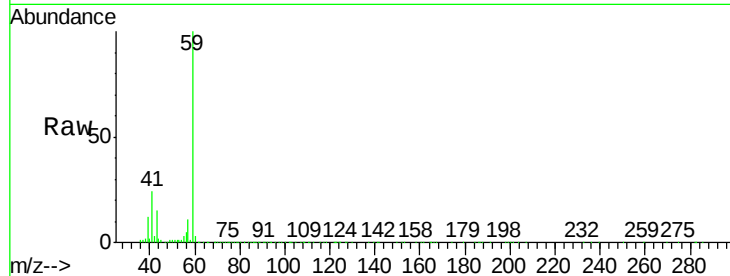


#11

Tert butyl alcohol
Concen: 219.133 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

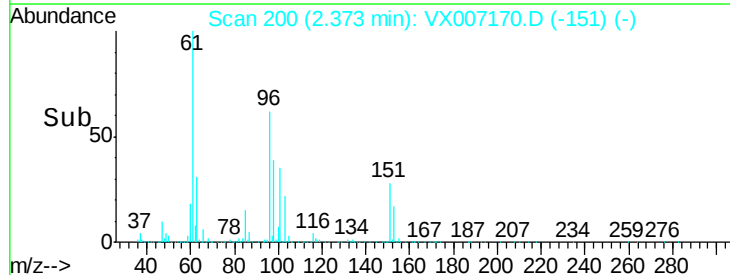
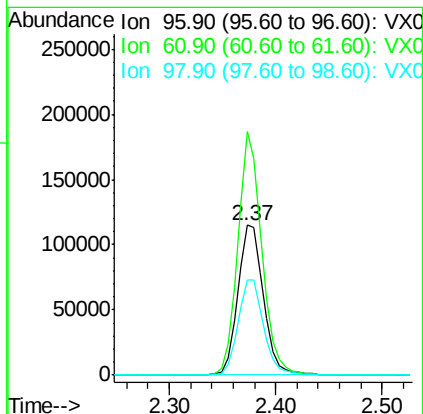
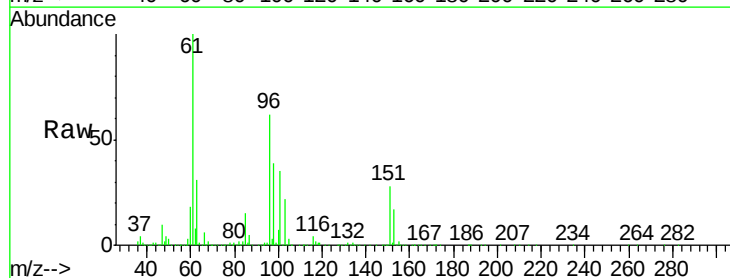
Tot Ion: 59 Resp: 246933
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

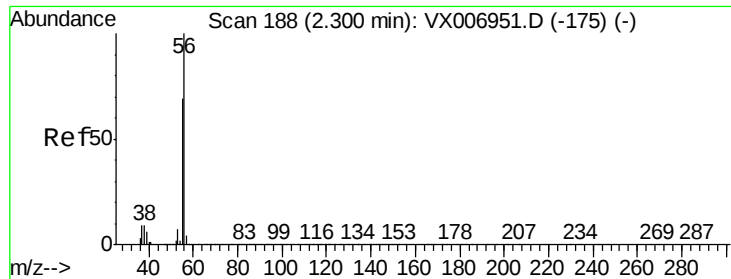


#12

1,1-Dichloroethene
Concen: 46.124 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

Tgt Ion: 96 Resp: 193770
Ion Ratio Lower Upper
96 100
61 162.3 121.4 182.2
98 63.7 51.9 77.9





#13

Acrolein

Concen: 292.839 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

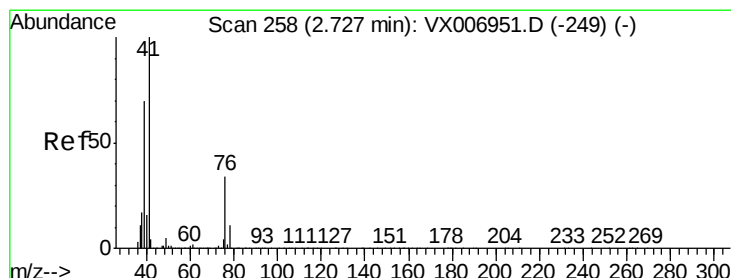
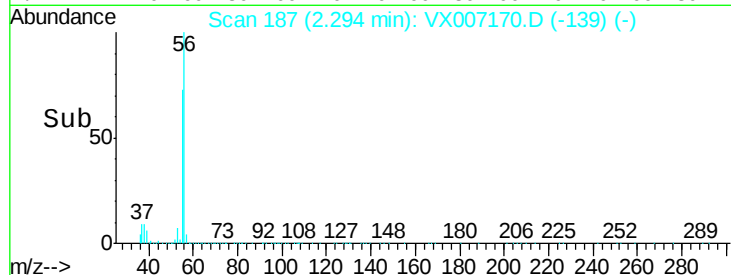
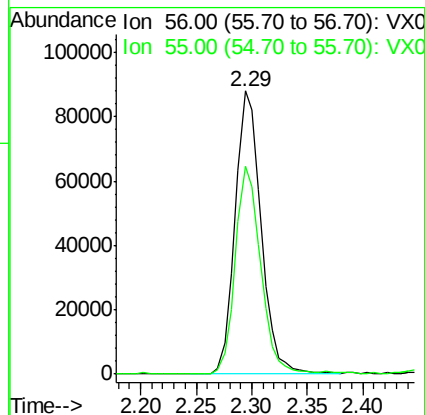
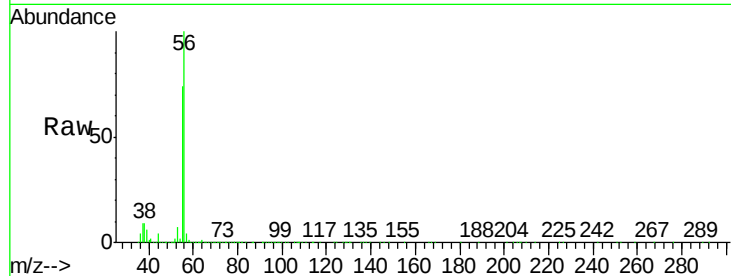
VSTDCCC050EC

Tot Ion: 56 Resp: 142579

Ion Ratio Lower Upper

56 100

55 70.7 58.2 87.4



#14

Allyl chloride

Concen: 46.274 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

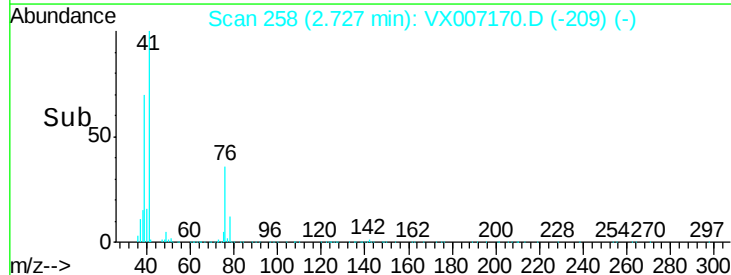
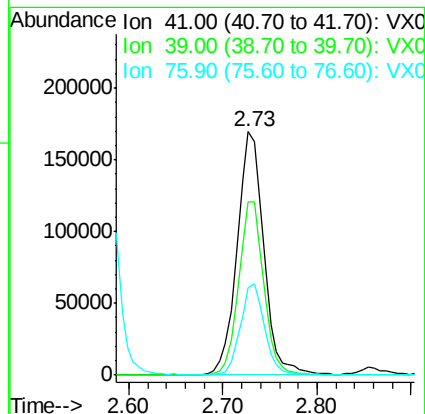
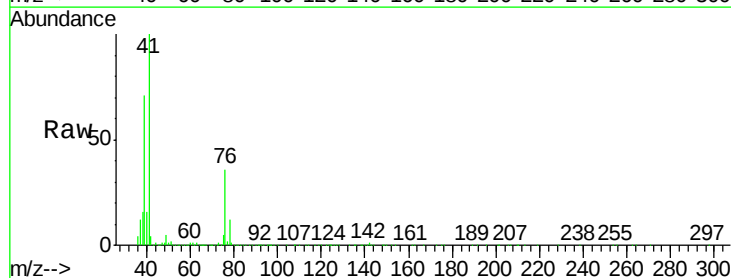
Tgt Ion: 41 Resp: 333160

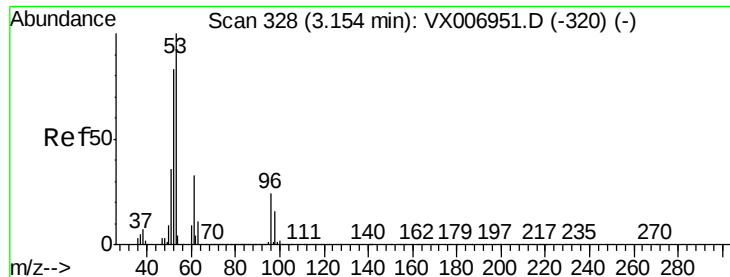
Ion Ratio Lower Upper

41 100

39 67.0 53.6 80.4

76 34.1 27.4 41.2





#15

Acrylonitrile

Concen: 237.083 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

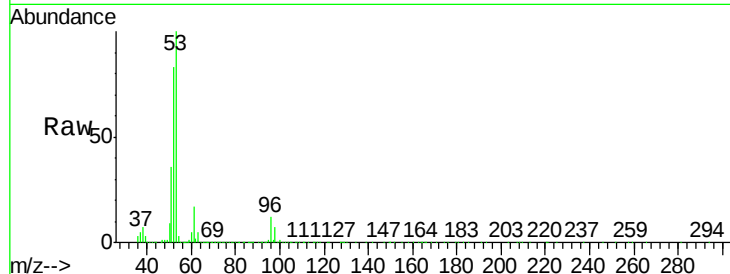
Tot Ion: 53 Resp: 613304

Ion Ratio Lower Upper

53 100

52 82.7 66.0 99.0

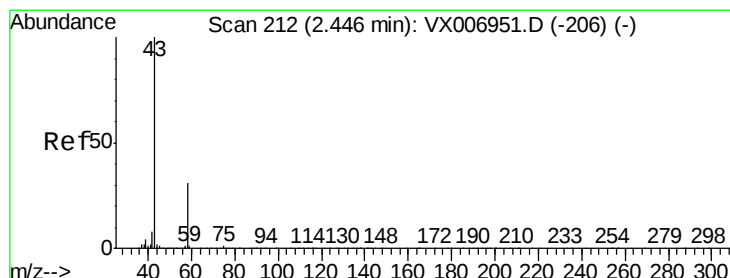
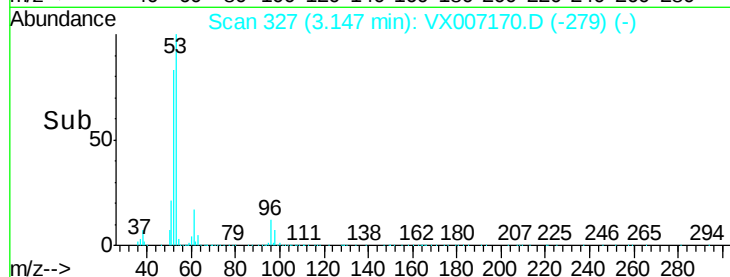
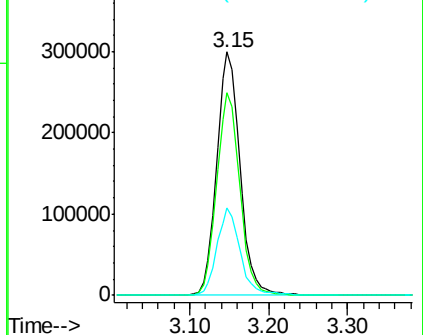
51 35.4 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 216.602 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007170.D

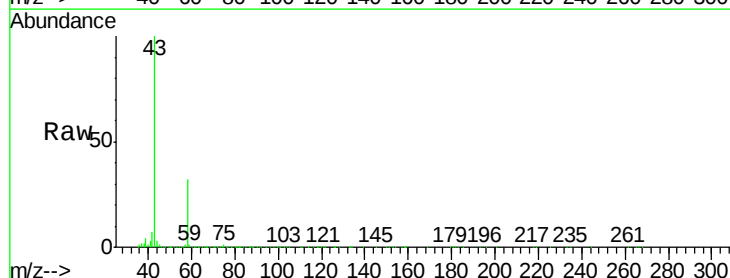
Acq: 21 Jan 2019 20:13

Tgt Ion: 43 Resp: 511526

Ion Ratio Lower Upper

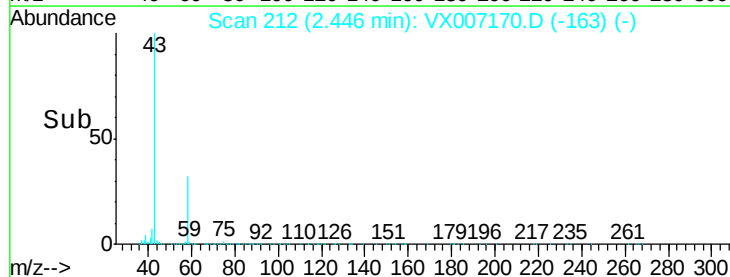
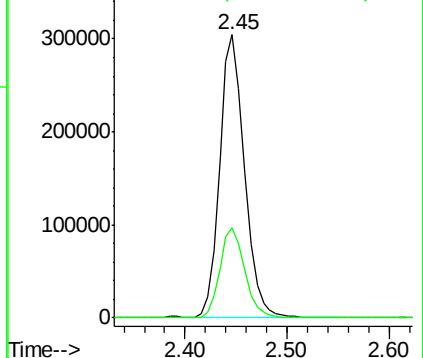
43 100

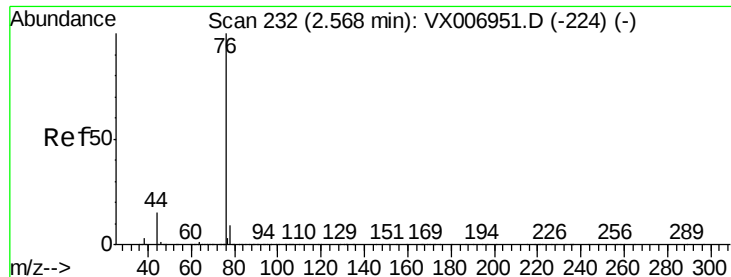
58 32.0 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

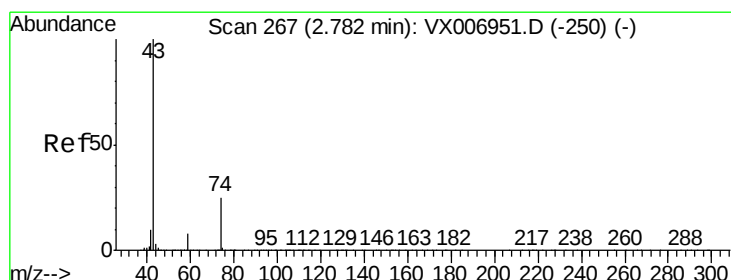
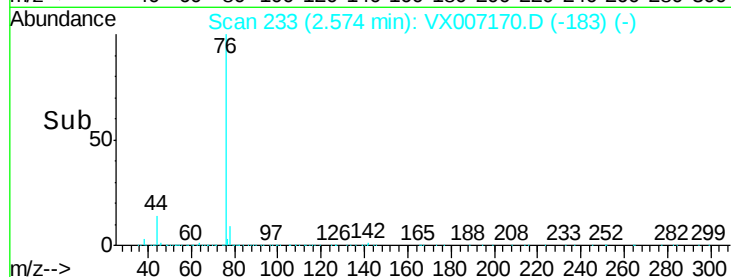
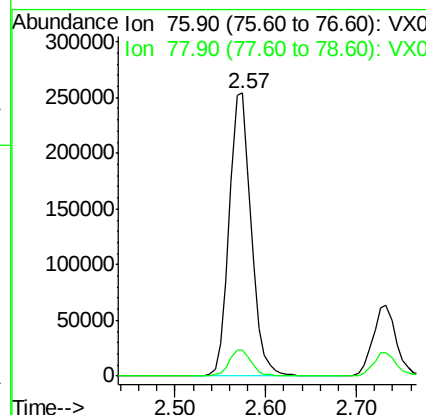
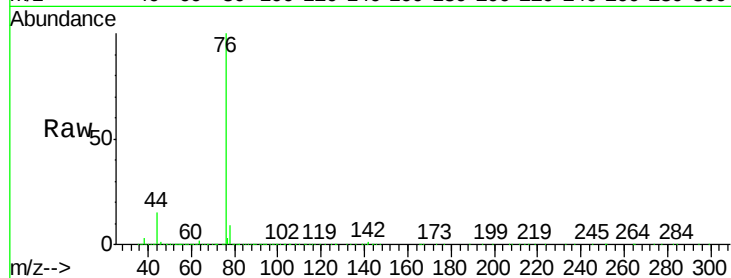




#17
Carbon Disulfide
Concen: 39.748 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

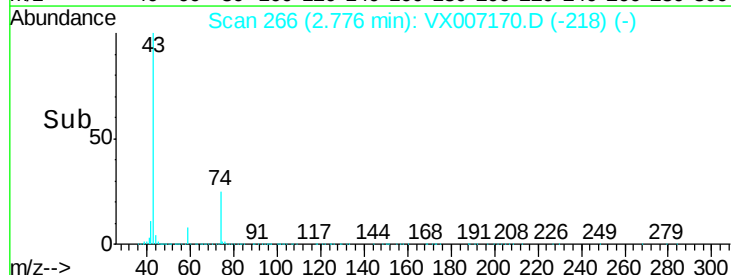
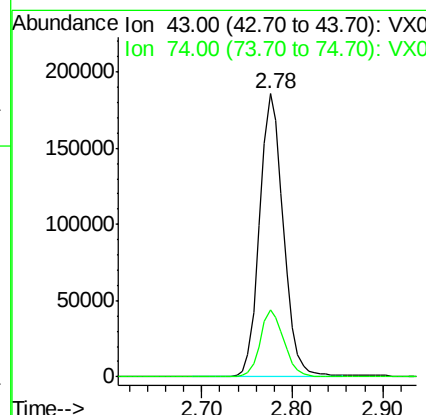
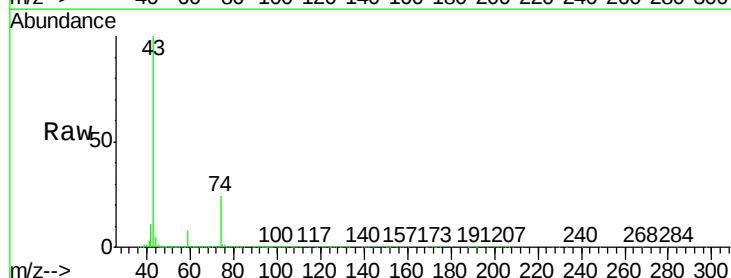
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

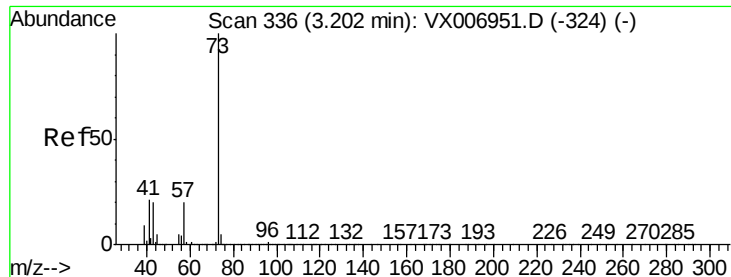
Tot Ion: 76 Resp: 429909
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 49.127 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

Tgt Ion: 43 Resp: 335979
Ion Ratio Lower Upper
43 100
74 24.1 18.6 28.0



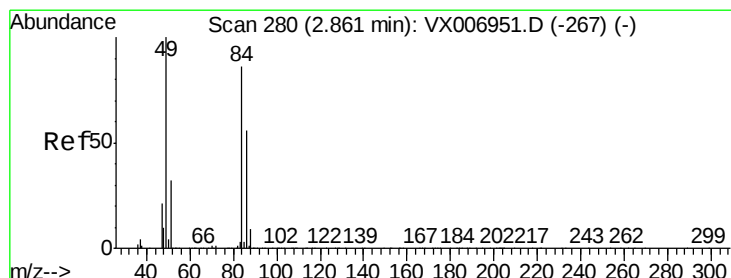
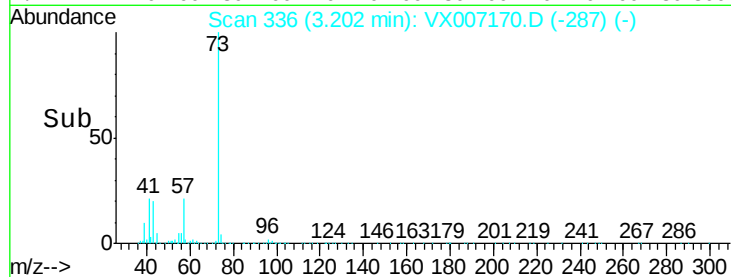
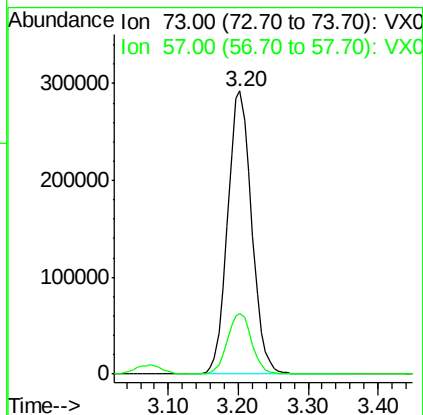
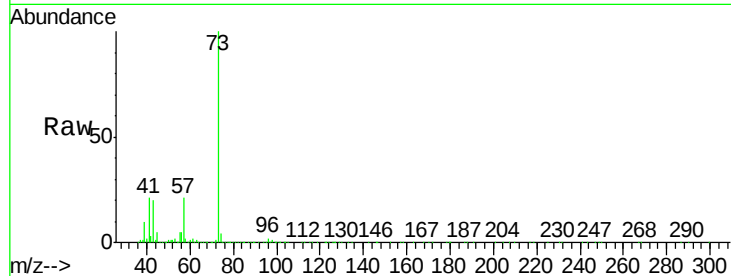


#19

Methyl tert-butyl Ether
 Concen: 47.818 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007170.D
 Acq: 21 Jan 2019 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

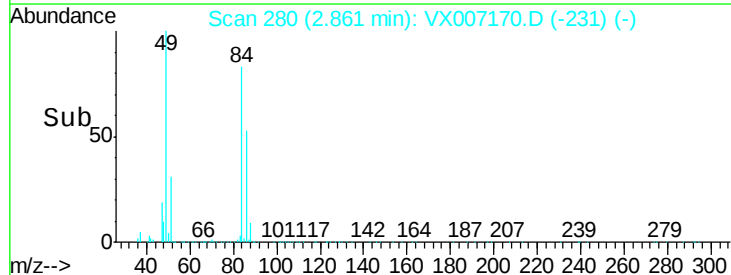
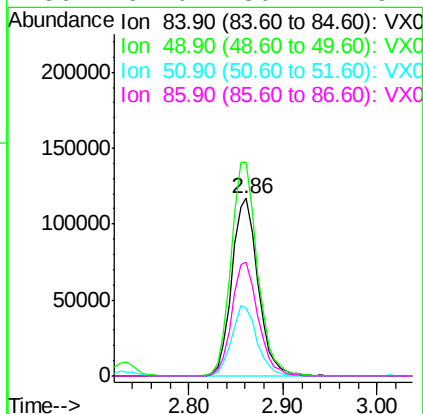
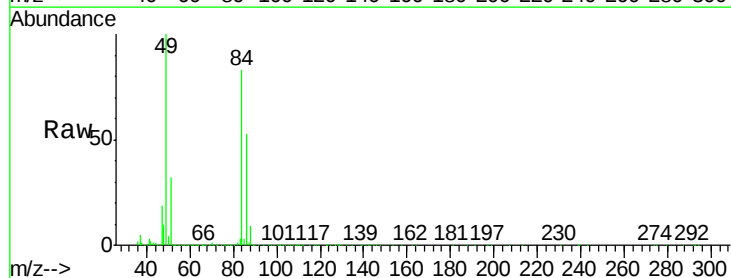
Tot Ion: 73 Resp: 697243
 Ion Ratio Lower Upper
 73 100
 57 21.3 16.8 25.2

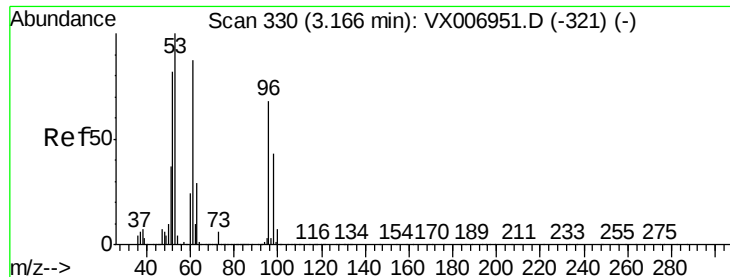


#20

Methylene Chloride
 Concen: 50.591 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007170.D
 Acq: 21 Jan 2019 20:13

Tgt Ion: 84 Resp: 227212
 Ion Ratio Lower Upper
 84 100
 49 120.2 91.8 137.6
 51 37.7 28.5 42.7
 86 64.0 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 44.442 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

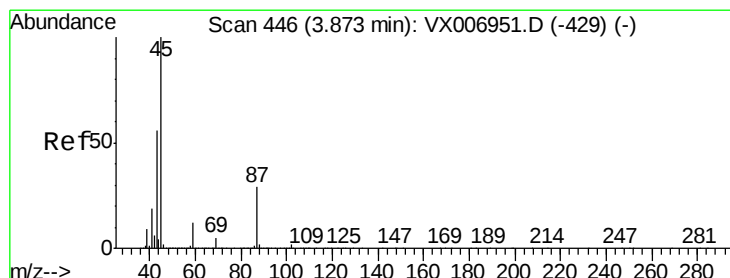
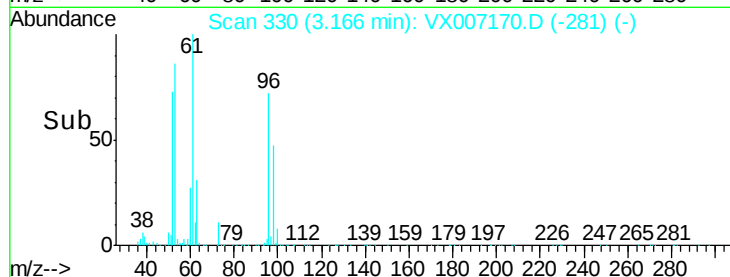
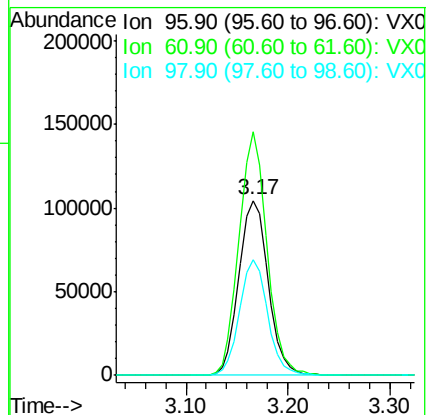
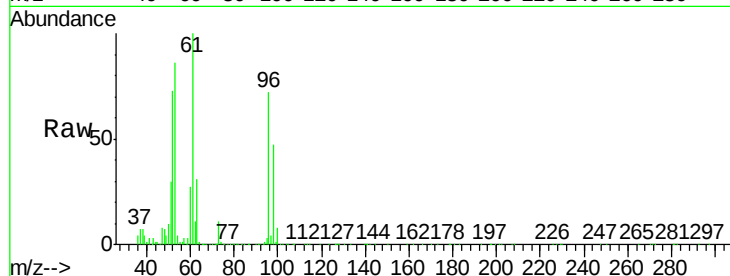
Tot Ion: 96 Resp: 208062

Ion Ratio Lower Upper

96 100

61 139.4 103.7 155.5

98 66.0 51.0 76.6



#22

Diisopropyl ether

Concen: 49.165 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Tgt Ion: 45 Resp: 665474

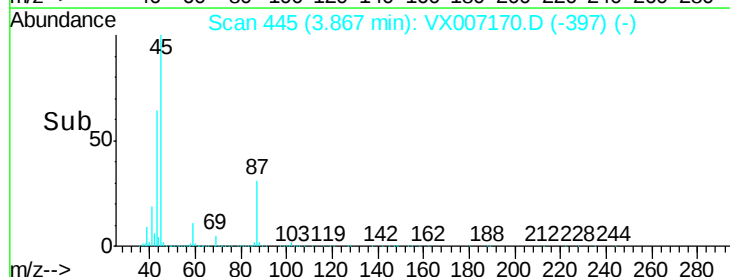
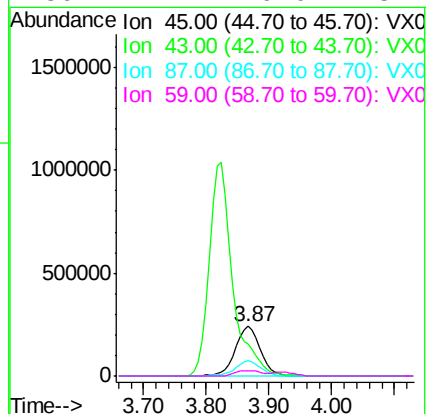
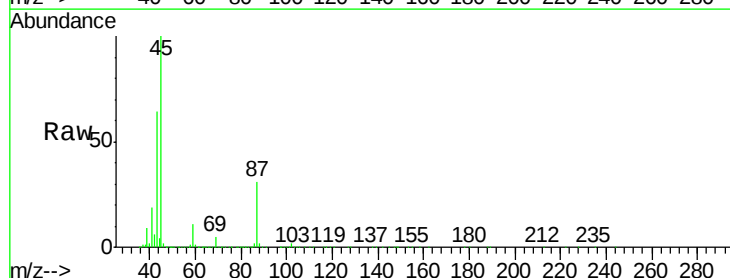
Ion Ratio Lower Upper

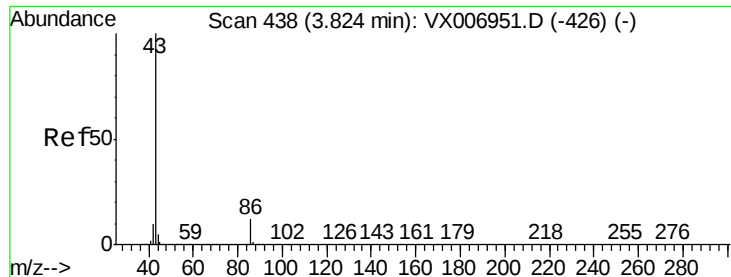
45 100

43 63.5 51.2 76.8

87 30.8 25.8 38.6

59 11.2 9.0 13.4





#23

Vinyl Acetate

Concen: 236.537 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

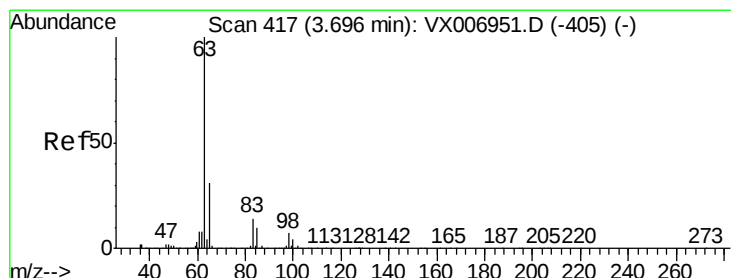
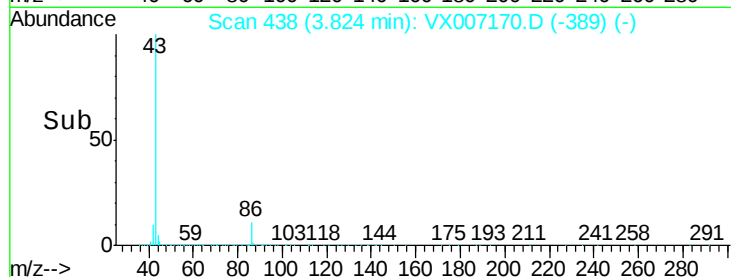
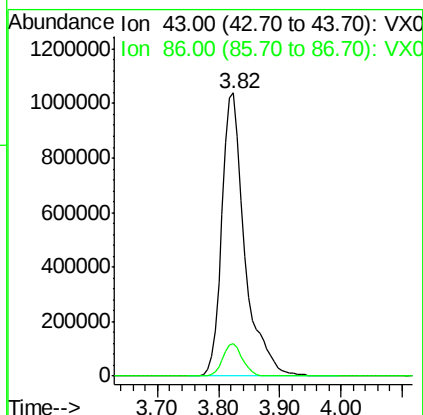
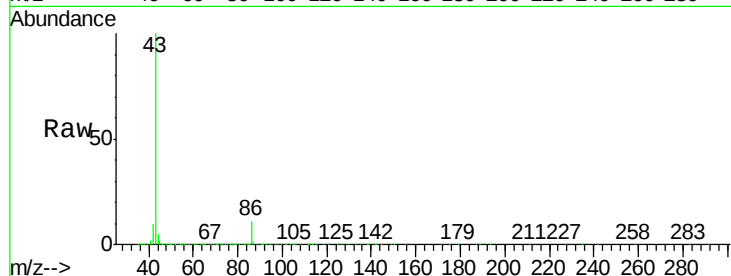
VSTDCCC050EC

Tot Ion: 43 Resp: 2700014

Ion Ratio Lower Upper

43 100

86 11.3 9.2 13.8



#24

1,1-Dichloroethane

Concen: 48.535 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

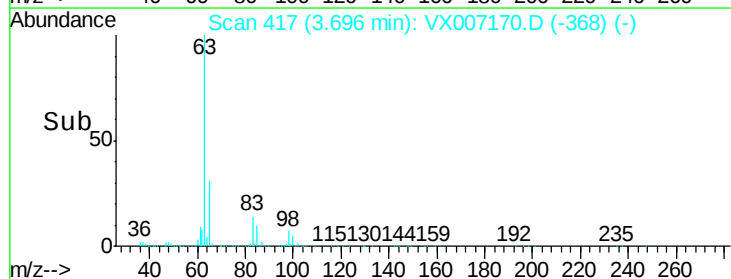
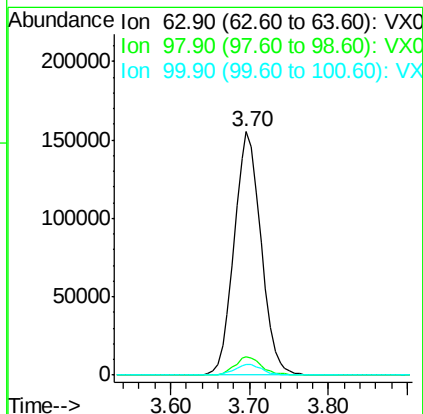
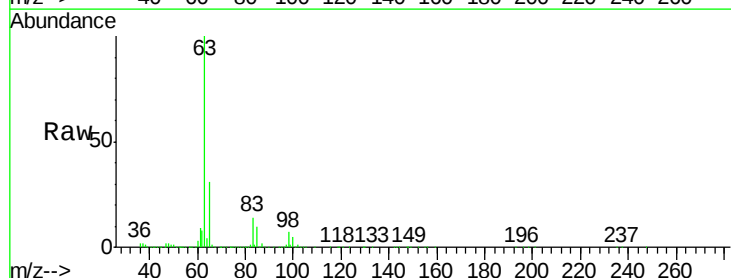
Tgt Ion: 63 Resp: 367337

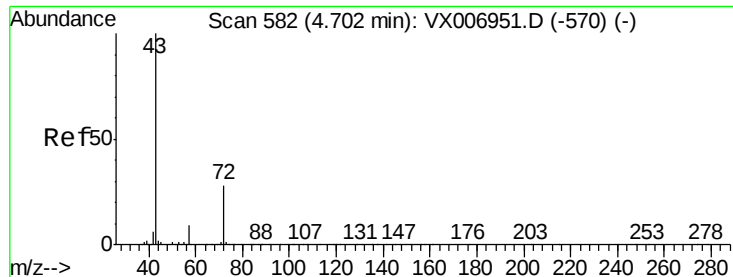
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 233.517 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

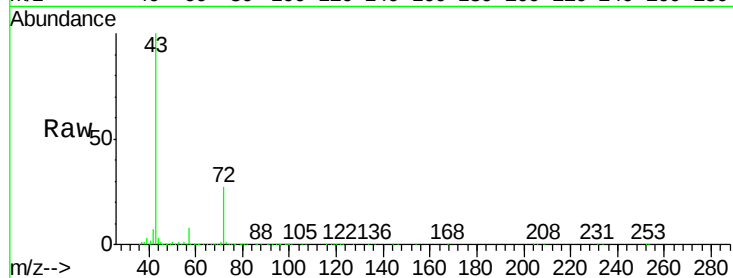
VSTDCCC050EC

Tot Ion: 43 Resp: 789079

Ion Ratio Lower Upper

43 100

72 26.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

150000

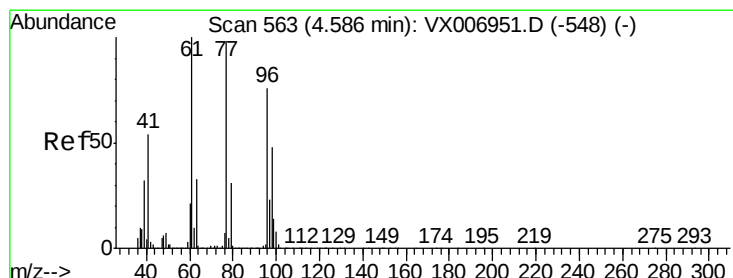
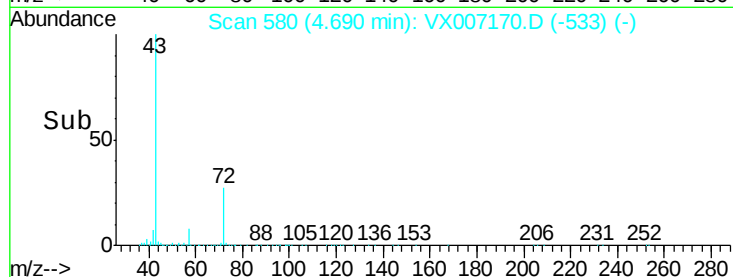
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 44.481 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007170.D

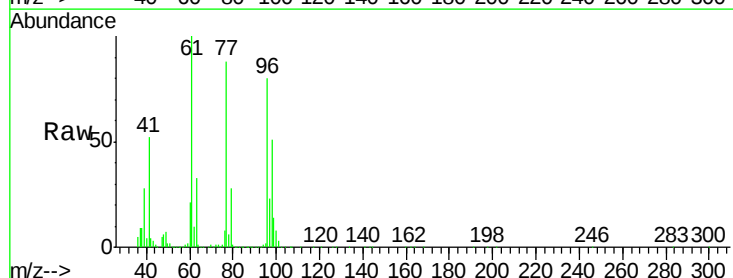
Acq: 21 Jan 2019 20:13

Tgt Ion: 77 Resp: 258879

Ion Ratio Lower Upper

77 100

97 25.0 12.4 37.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

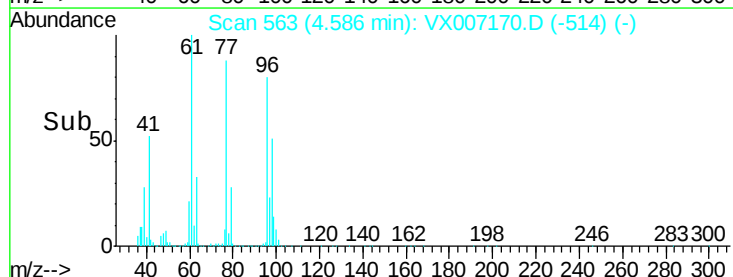
40000

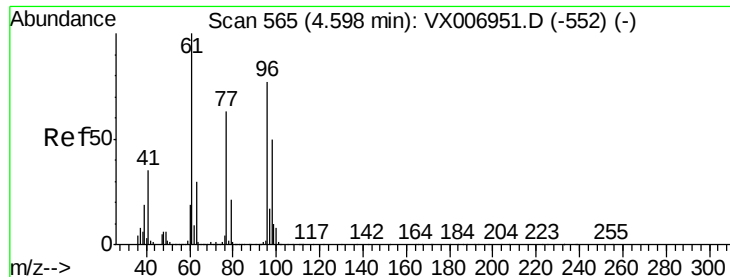
20000

0

4.40 4.50 4.60 4.70

Time-->



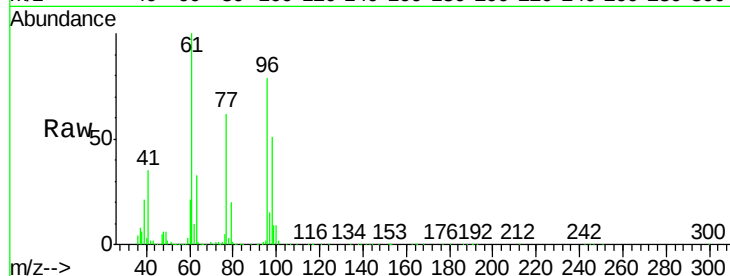


#27

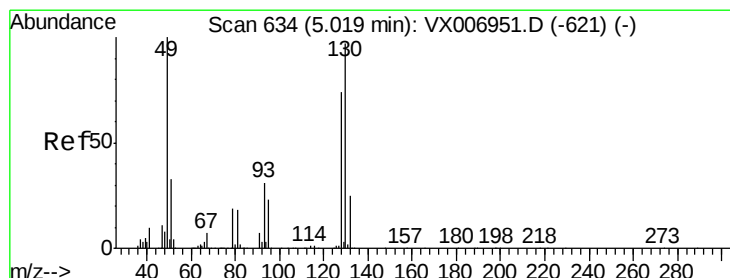
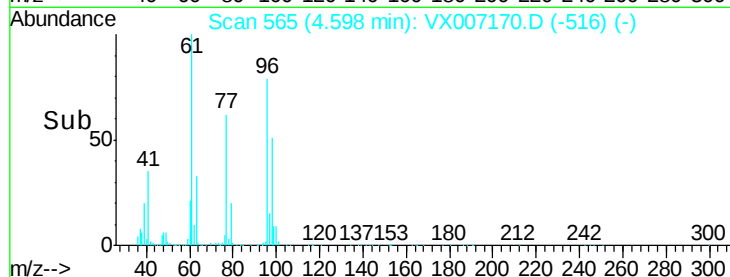
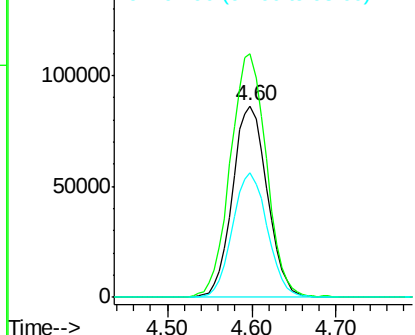
cis-1,2-Dichloroethene
 Concen: 46.735 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007170.D
 Acq: 21 Jan 2019 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.8	0.0	258.6
98	65.6	0.0	132.0



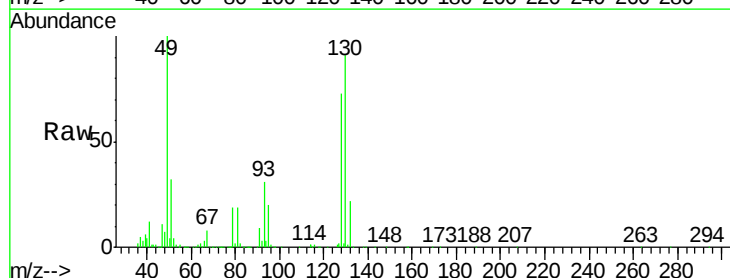
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



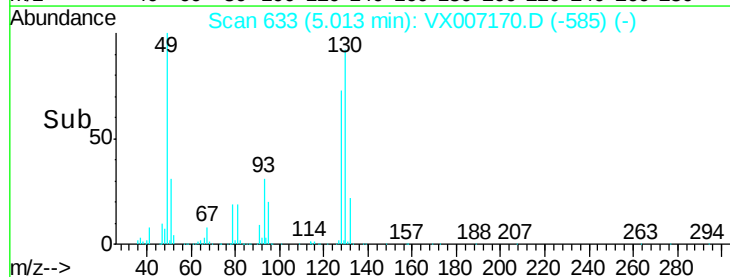
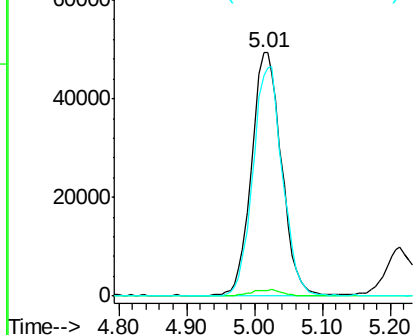
#28

Bromochloromethane
 Concen: 46.014 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX007170.D
 Acq: 21 Jan 2019 20:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	5.4
130	92.7	77.7	116.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 231.288 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

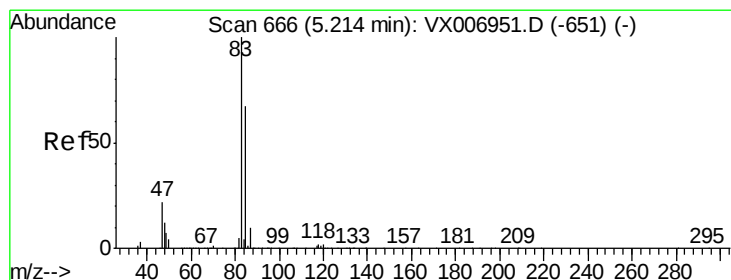
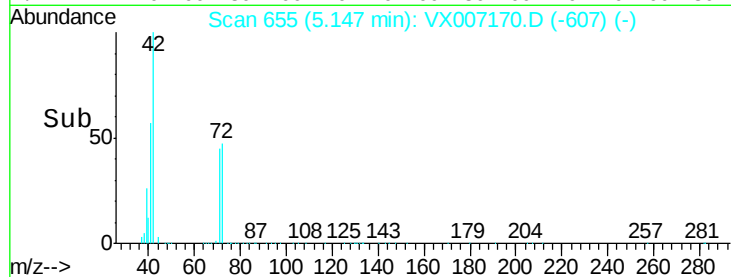
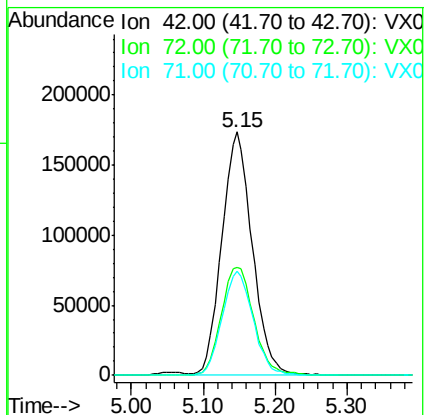
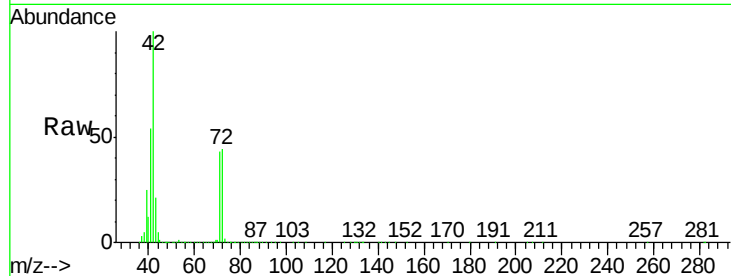
Tot Ion: 42 Resp: 507907

Ion Ratio Lower Upper

42 100

72 47.5 38.9 58.3

71 43.6 36.2 54.4



#30

Chloroform

Concen: 48.932 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007170.D

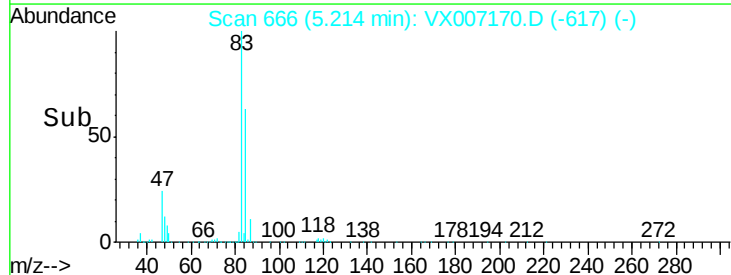
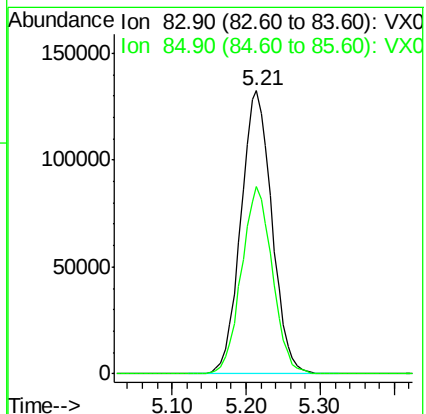
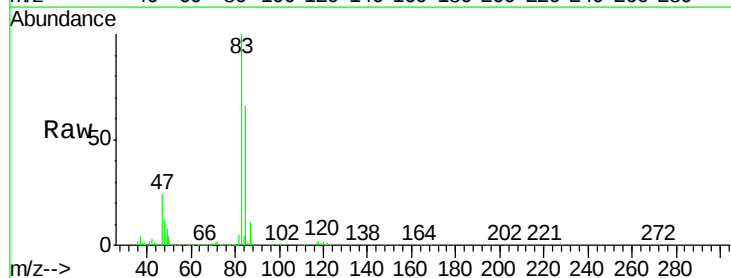
Acq: 21 Jan 2019 20:13

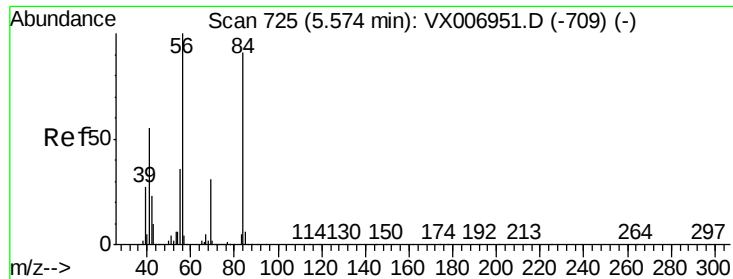
Tgt Ion: 83 Resp: 387748

Ion Ratio Lower Upper

83 100

85 66.0 51.2 76.8

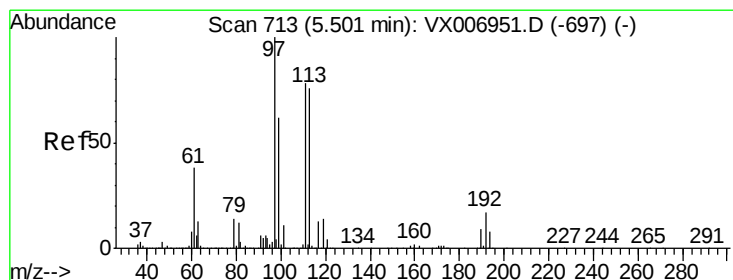
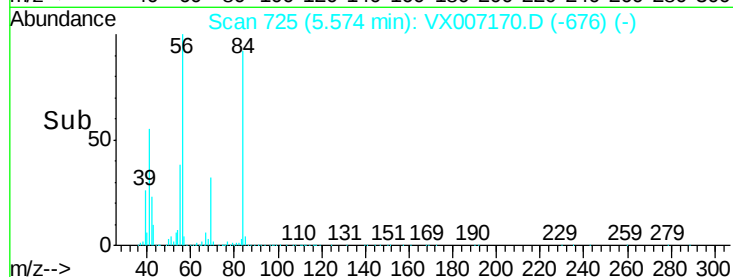
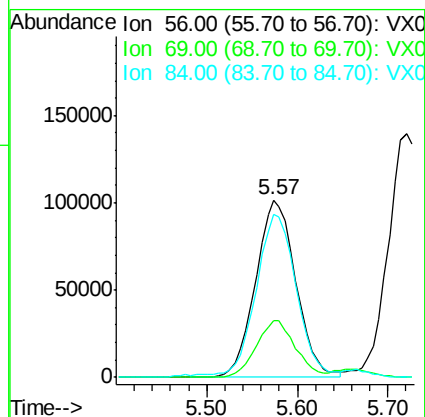
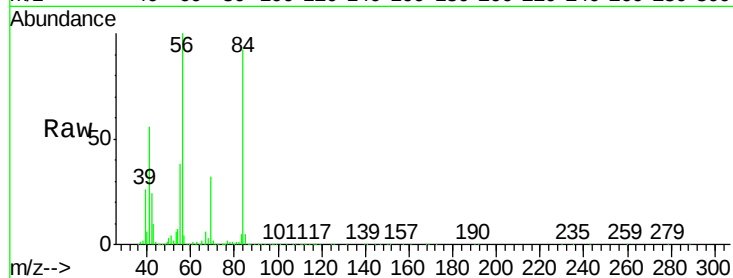




#31
Cyclohexane
Concen: 46.012 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

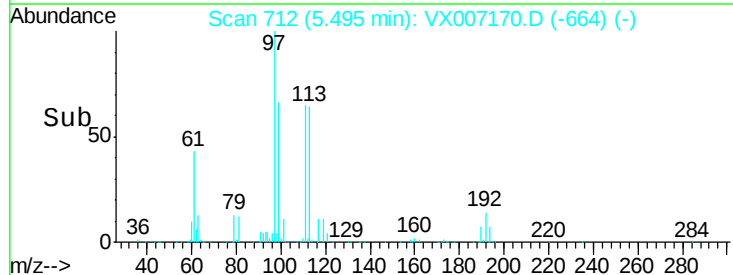
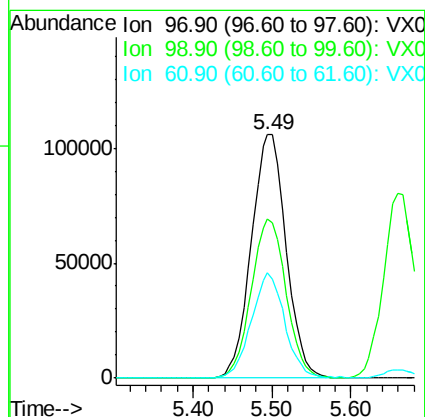
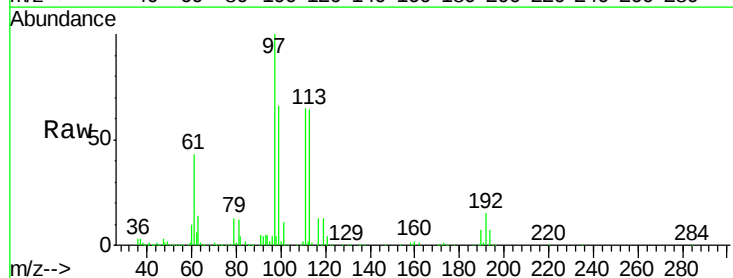
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

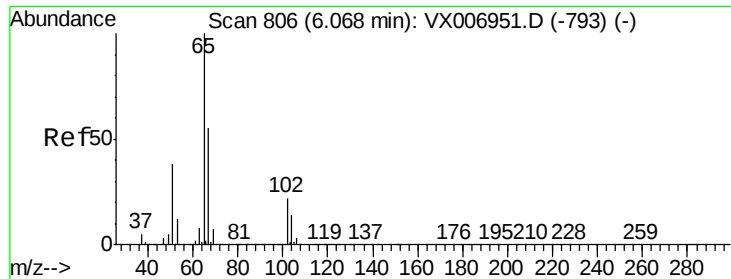
Tot Ion: 56 Resp: 309948
Ion Ratio Lower Upper
56 100
69 32.0 24.4 36.6
84 90.6 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 48.393 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

Tgt Ion: 97 Resp: 325041
Ion Ratio Lower Upper
97 100
99 65.4 51.7 77.5
61 41.4 31.3 46.9

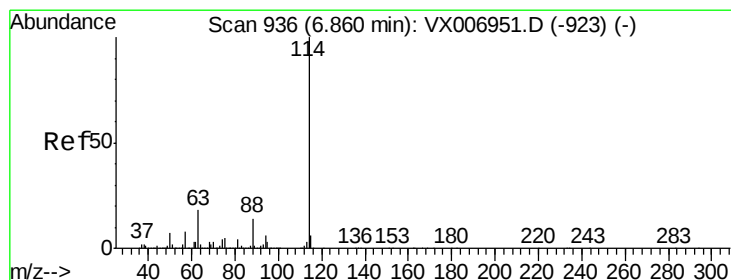
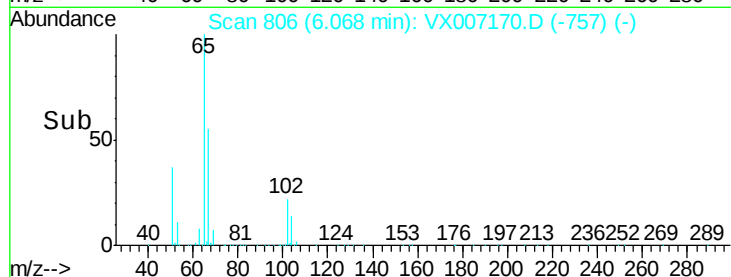
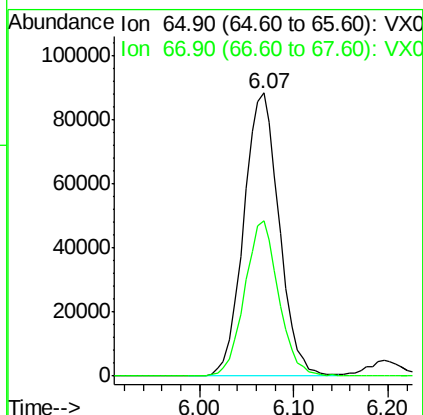
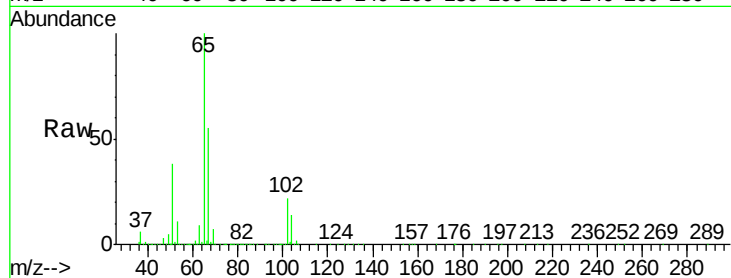




#33
 1,2-Dichloroethane-d4
 Concen: 48.726 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007170.D
 Acq: 21 Jan 2019 20:13

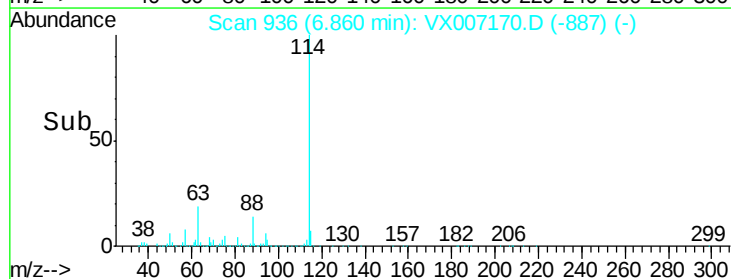
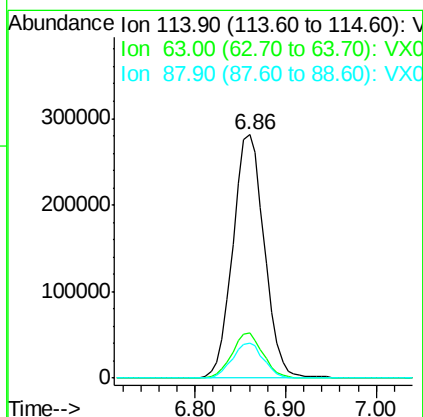
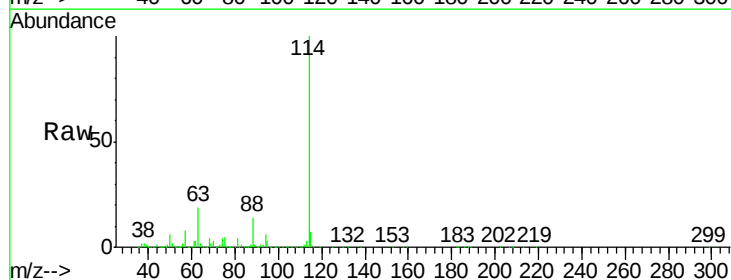
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

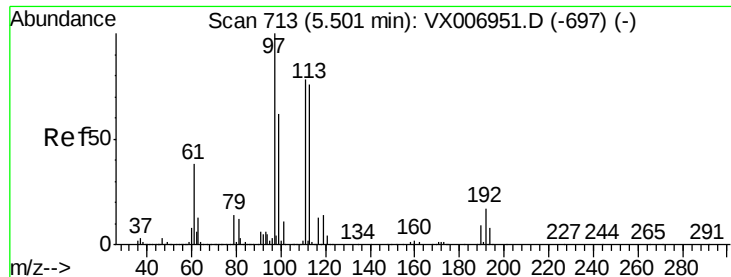
Tot Ion: 65 Resp: 232765
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007170.D
 Acq: 21 Jan 2019 20:13

Tgt Ion: 114 Resp: 676500
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 34.8
 88 14.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.022 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

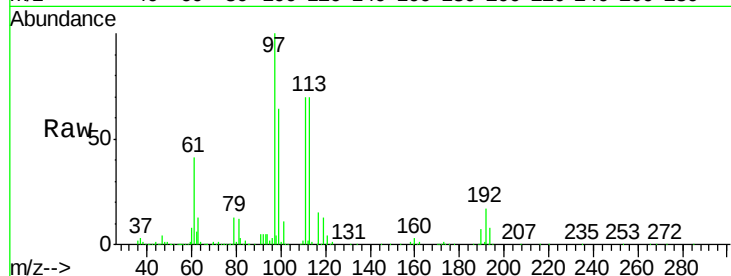
Tot Ion:113 Resp: 208044

Ion Ratio Lower Upper

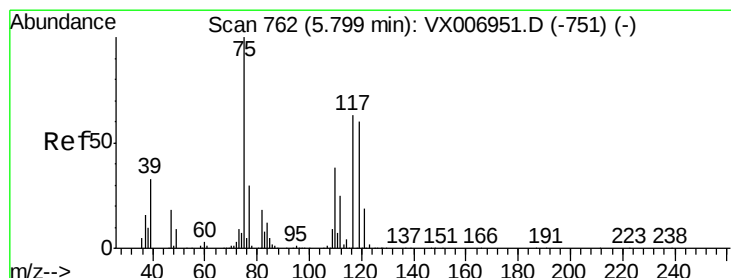
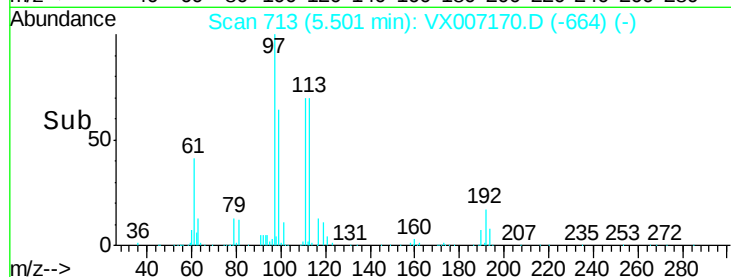
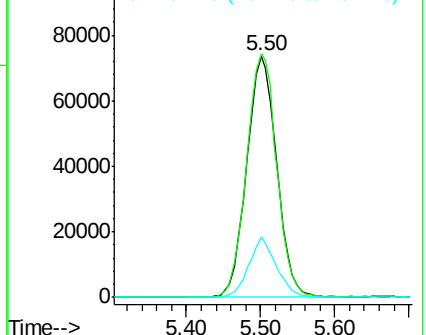
113 100

111 102.0 81.6 122.4

192 23.0 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: 47.039 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

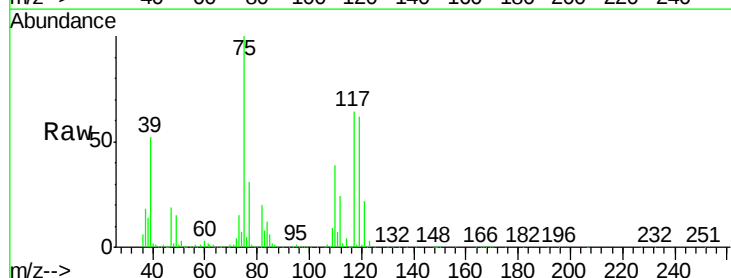
Tgt Ion: 75 Resp: 276666

Ion Ratio Lower Upper

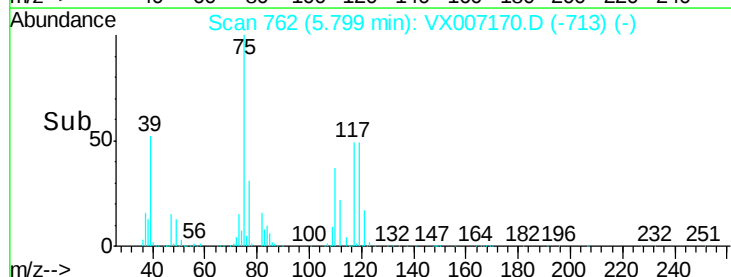
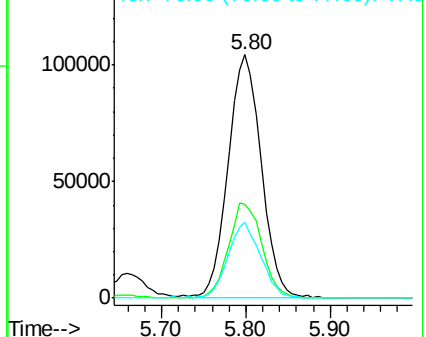
75 100

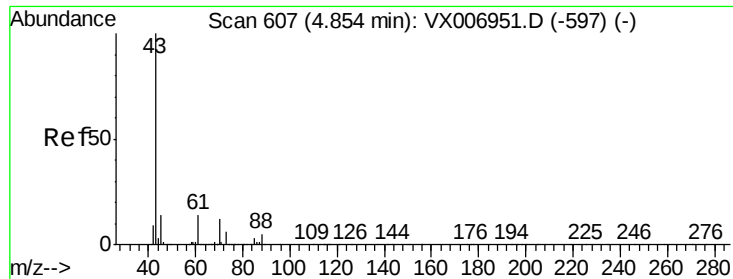
110 39.5 20.2 60.5

77 30.4 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

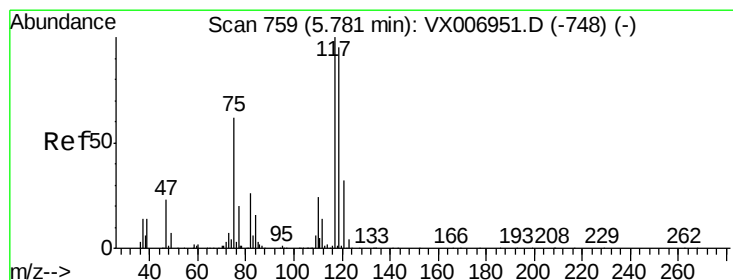
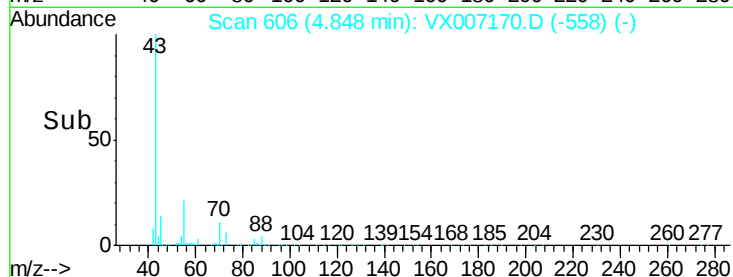
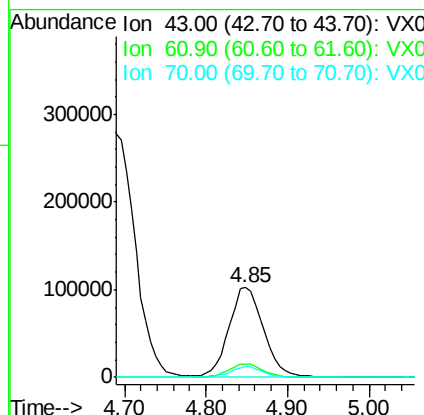
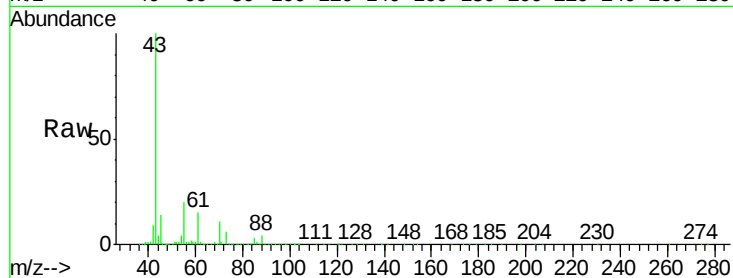




#37
Ethyl Acetate
Concen: 47.434 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

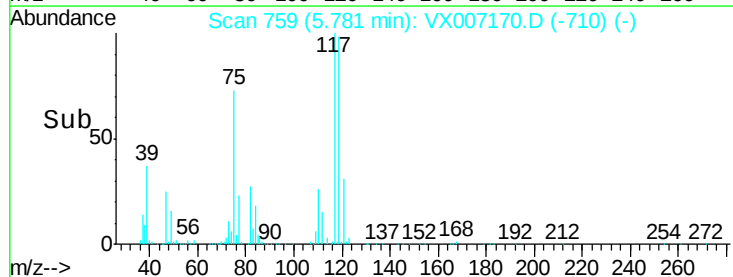
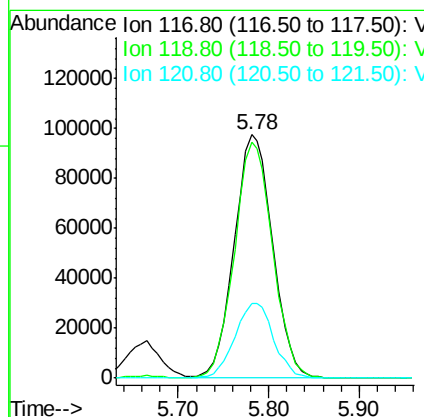
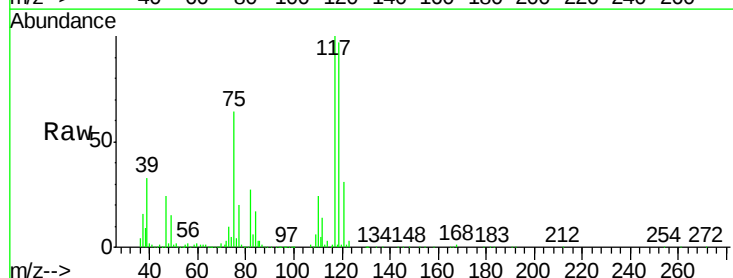
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

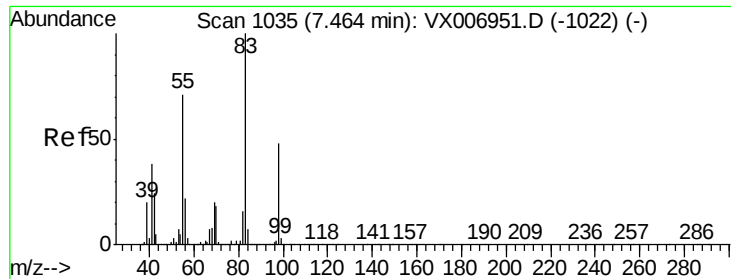
Tot Ion: 43 Resp: 299099
Ion Ratio Lower Upper
43 100
61 14.5 11.9 17.9
70 11.2 9.7 14.5



#38
Carbon Tetrachloride
Concen: 48.331 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

Tgt Ion: 117 Resp: 286002
Ion Ratio Lower Upper
117 100
119 96.8 79.4 119.2
121 30.4 24.0 36.0

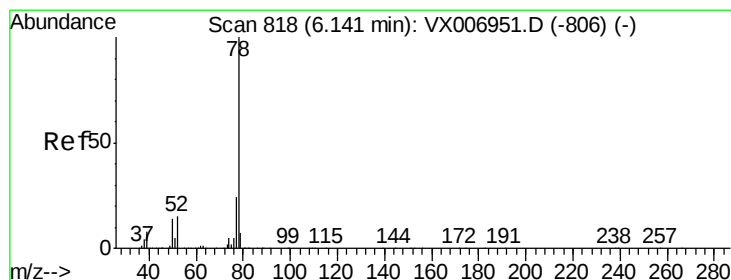
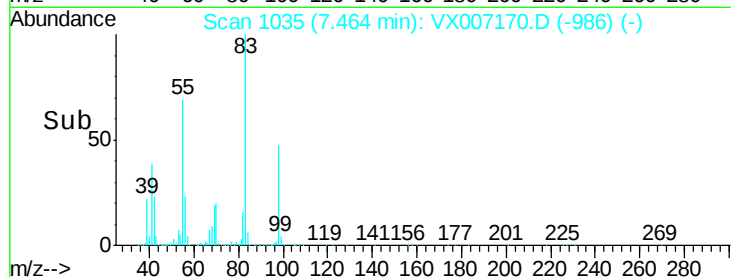
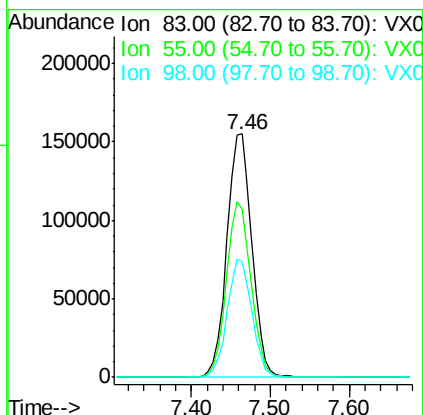
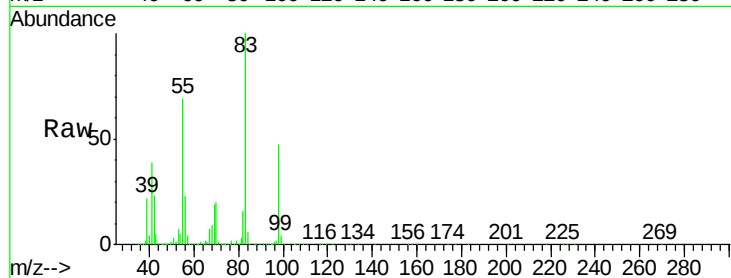




#39
Methvlcvclohexane
Concen: 45.554 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

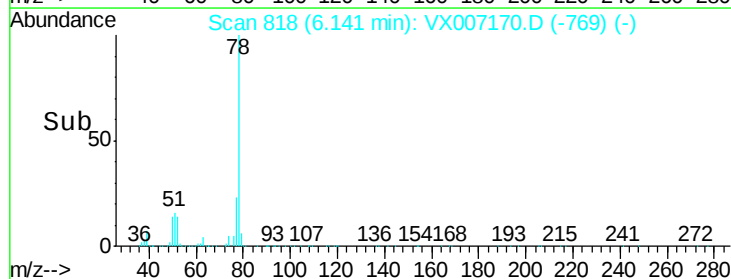
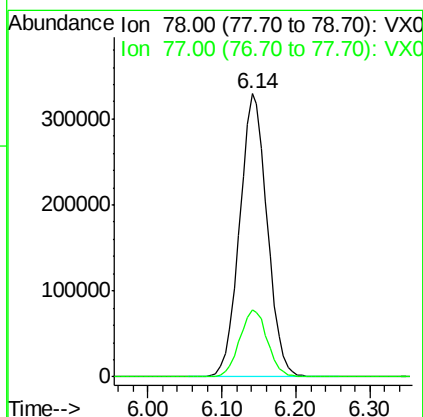
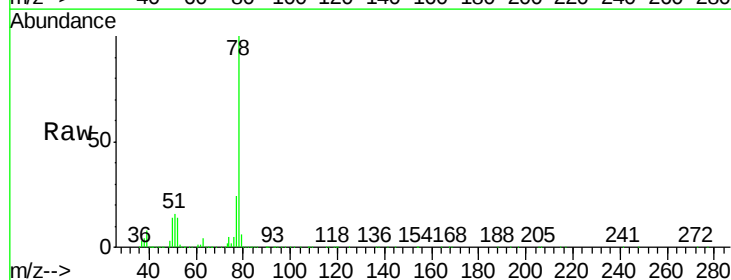
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

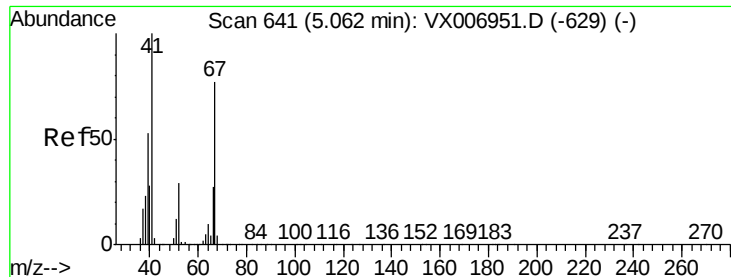
Tot Ion	83.00	Resp	341571
Ion	Ratio	Lower	Upper
83	100		
55	69.0	54.9	82.3
98	47.4	37.9	56.9



#40
Benzene
Concen: 47.634 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

Tgt Ion	78.00	Resp	854858
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8





#41

Methacrylonitrile

Concen: 46.870 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 170256

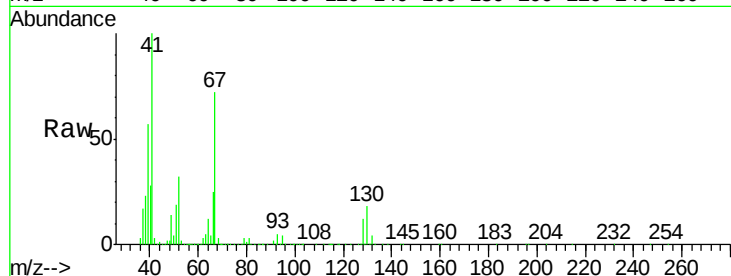
Ion Ratio Lower Upper

41 100

39 55.1 42.8 64.2

67 75.6 62.1 93.1

52 29.0 23.4 35.0

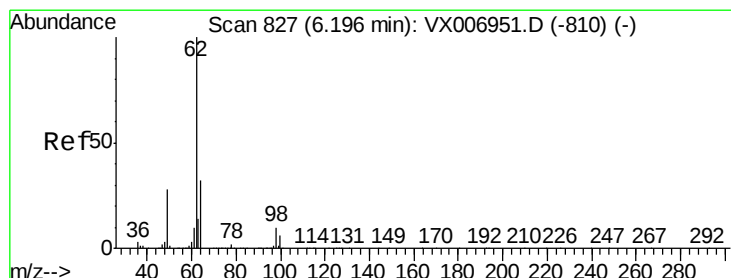
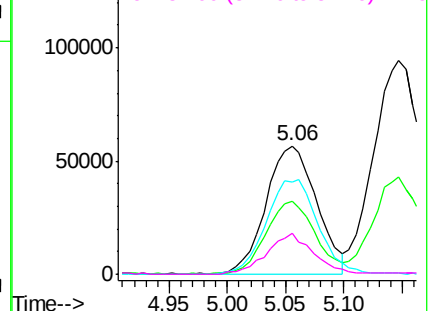
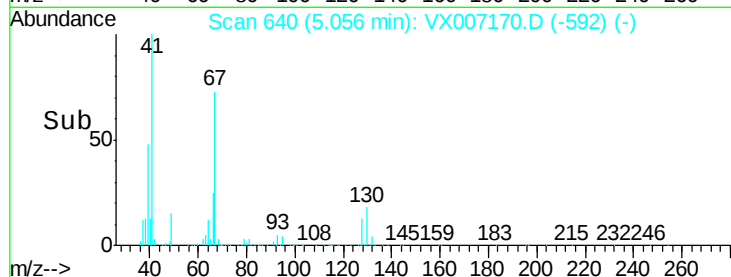


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.290 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007170.D

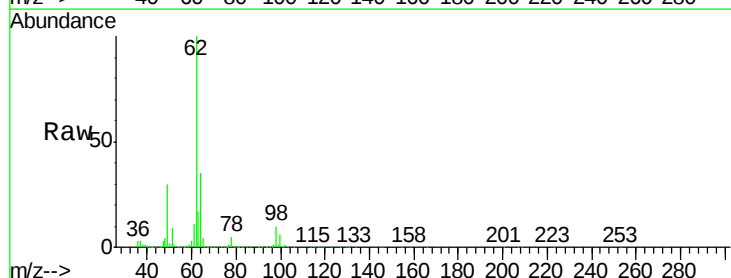
Acq: 21 Jan 2019 20:13

Tgt Ion: 62 Resp: 293277

Ion Ratio Lower Upper

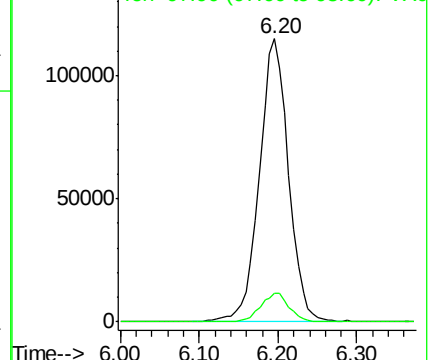
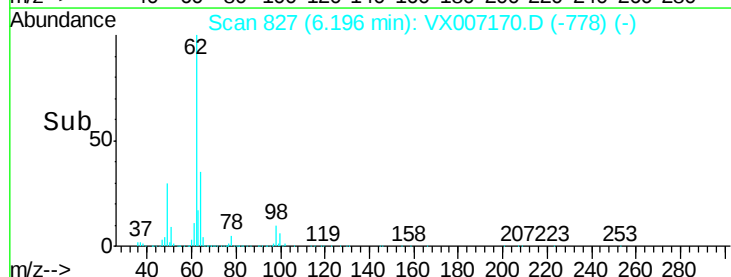
62 100

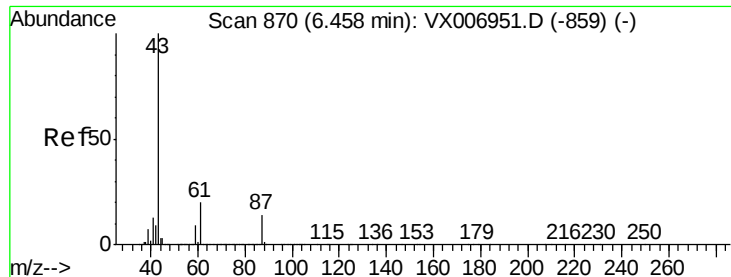
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



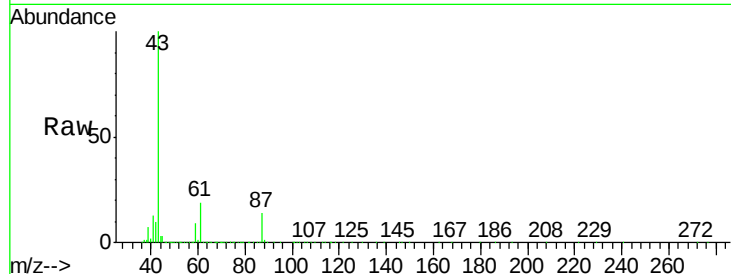


#43

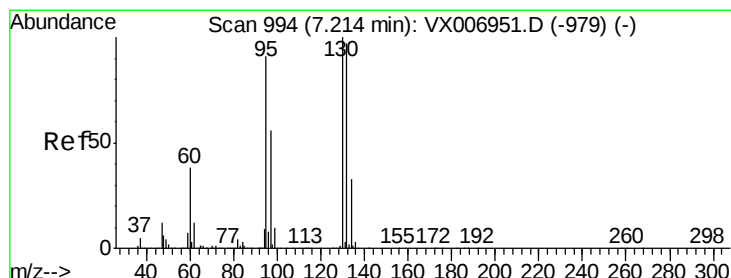
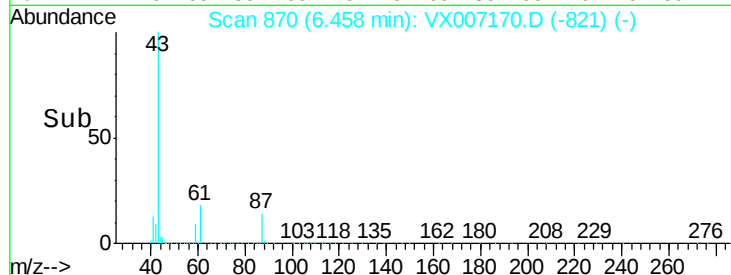
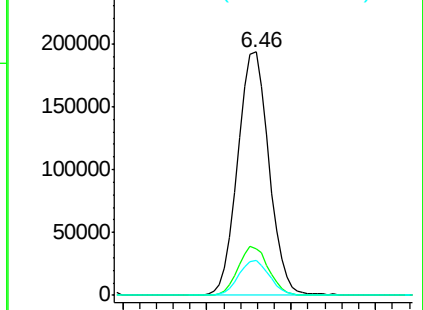
Isopropyl Acetate
 Concen: 48.569 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007170.D
 Acq: 21 Jan 2019 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	483078
Ion Ratio	Lower	Upper	
43	100		
61	19.8	16.8	25.2
87	14.2	12.4	18.6



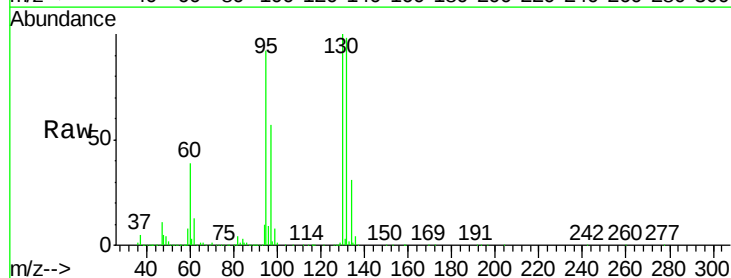
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



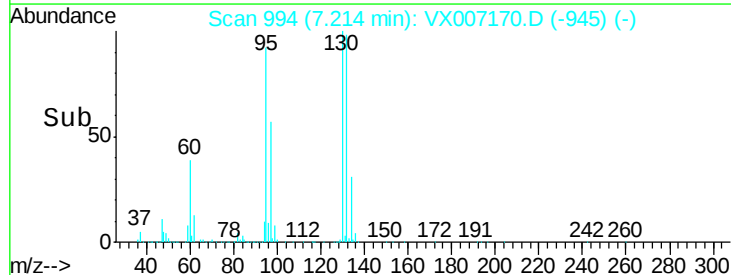
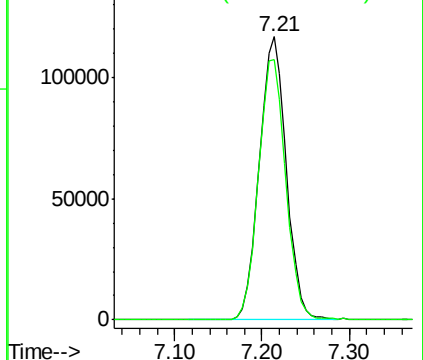
#44

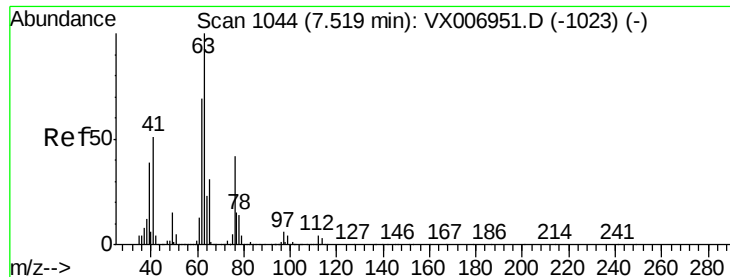
Trichloroethene
 Concen: 46.432 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007170.D
 Acq: 21 Jan 2019 20:13

Tgt Ion	130	Resp	249707
Ion Ratio	Lower	Upper	
130	100		
95	92.1	0.0	187.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.069 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

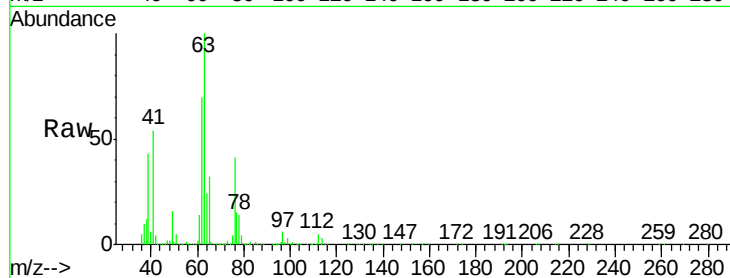
VSTDCCC050EC

Tot Ion: 63 Resp: 221392

Ion Ratio Lower Upper

63 100

65 32.1 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

120000

100000

80000

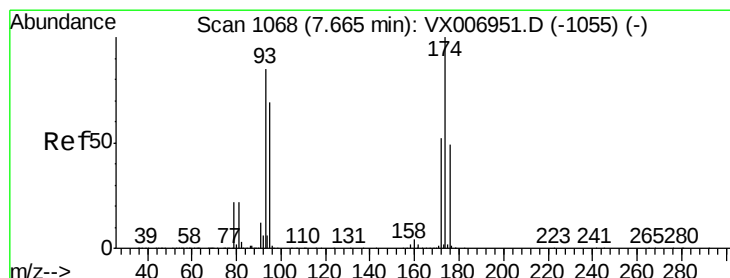
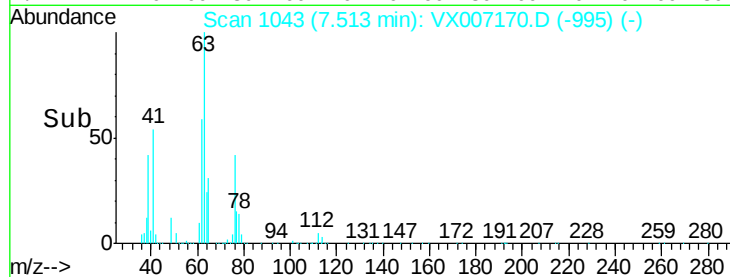
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 48.241 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

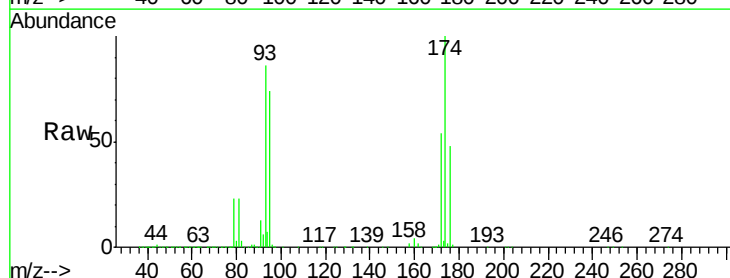
Tgt Ion: 93 Resp: 152968

Ion Ratio Lower Upper

93 100

95 84.9 66.2 99.4

174 119.3 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

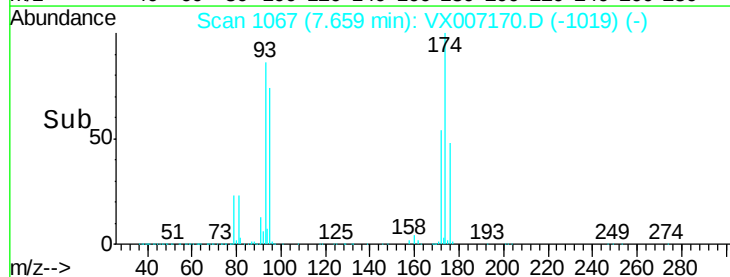
60000

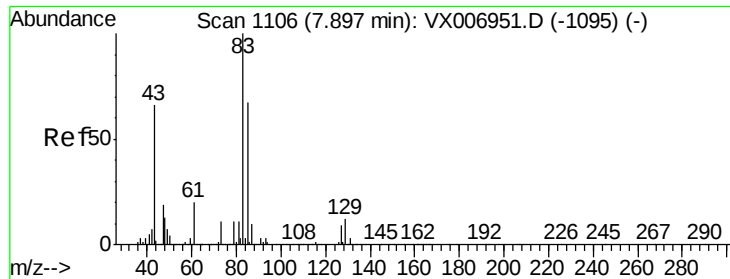
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 51.616 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

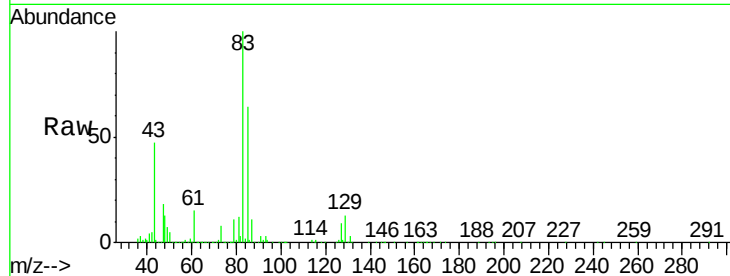
Tot Ion: 83 Resp: 278593

Ion Ratio Lower Upper

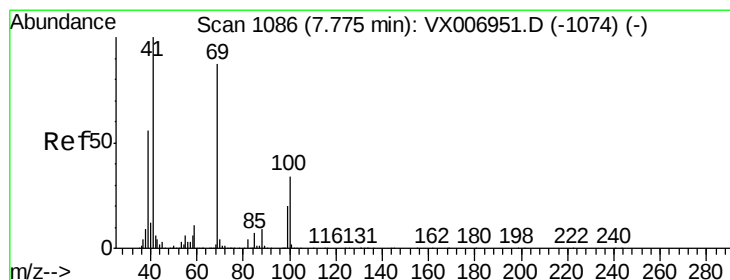
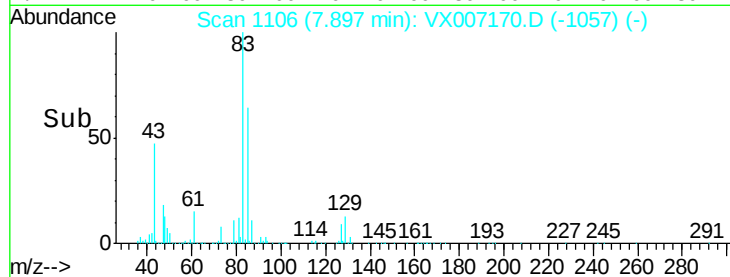
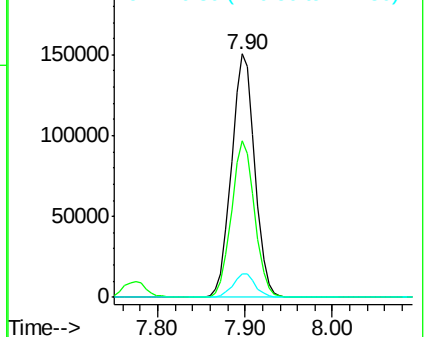
83 100

85 64.2 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: 49.384 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

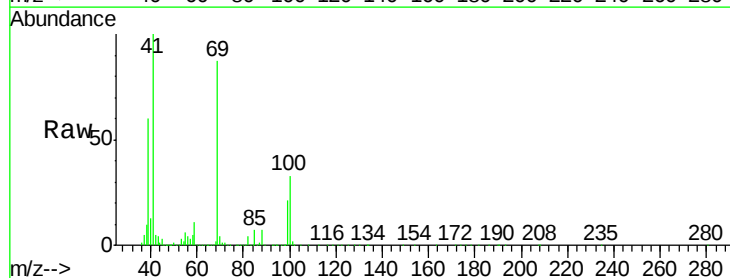
Tgt Ion: 41 Resp: 252243

Ion Ratio Lower Upper

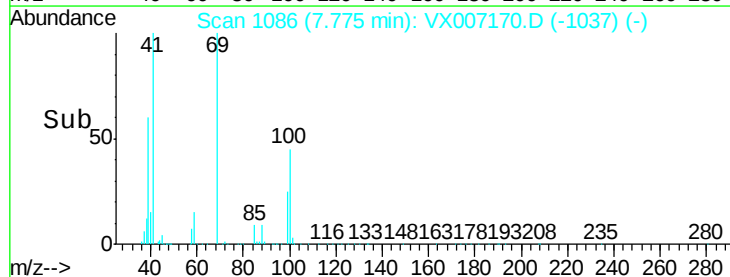
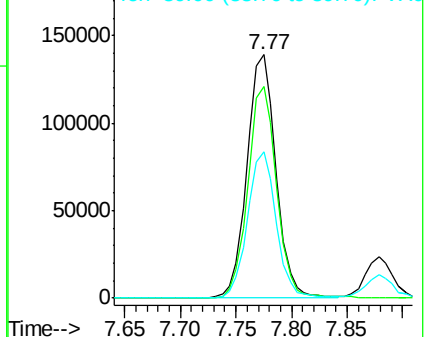
41 100

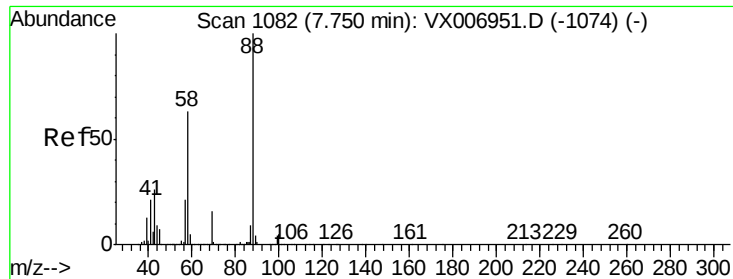
69 86.8 72.4 108.6

39 59.0 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

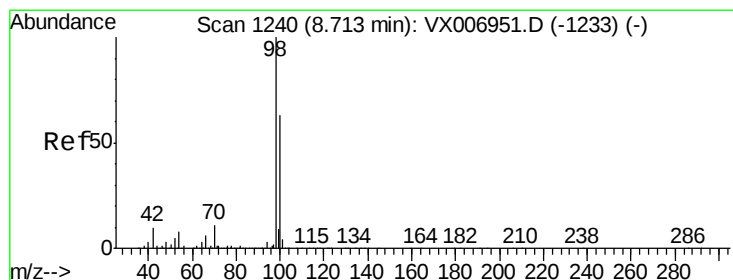
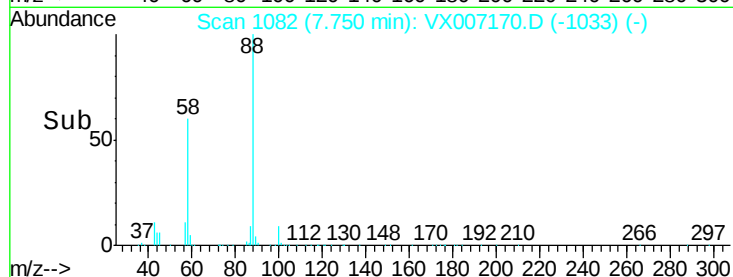
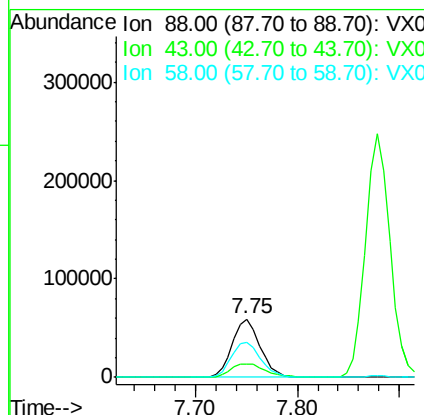
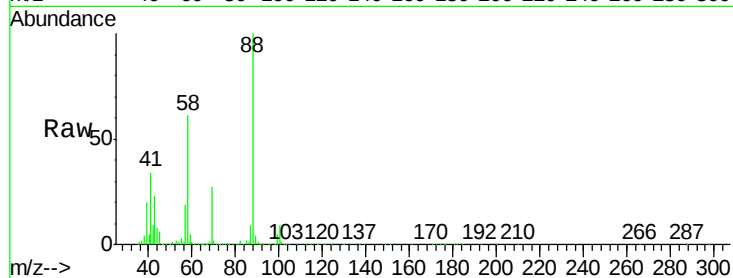




#49
1,4-Dioxane
Concen: 959.625 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

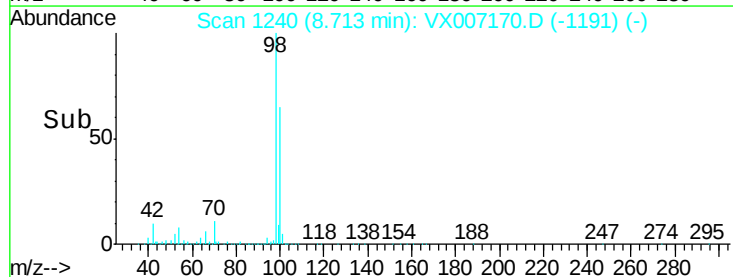
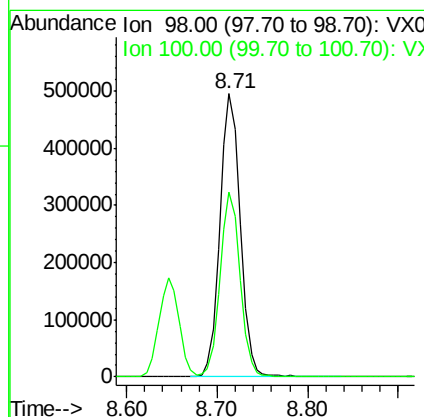
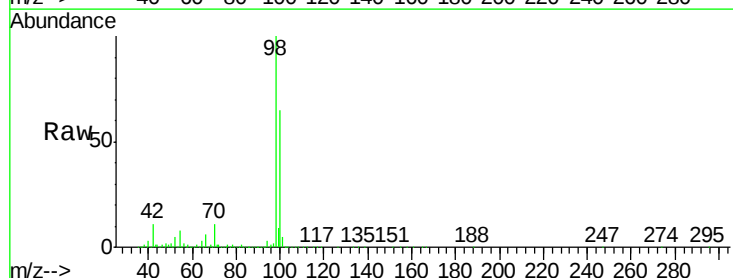
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

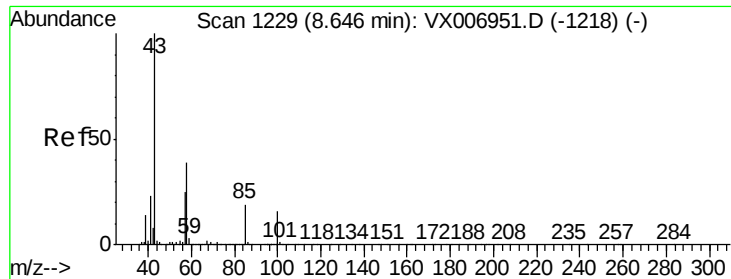
Tot Ion: 88 Resp: 111977
Ion Ratio Lower Upper
88 100
43 29.5 22.2 33.4
58 64.0 51.0 76.4



#50
Toluene-d8
Concen: 49.142 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

Tgt Ion: 98 Resp: 779269
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 255.502 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

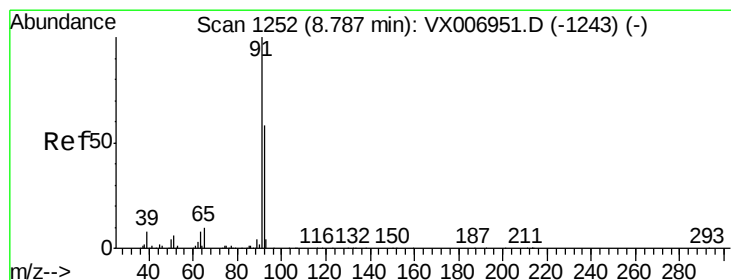
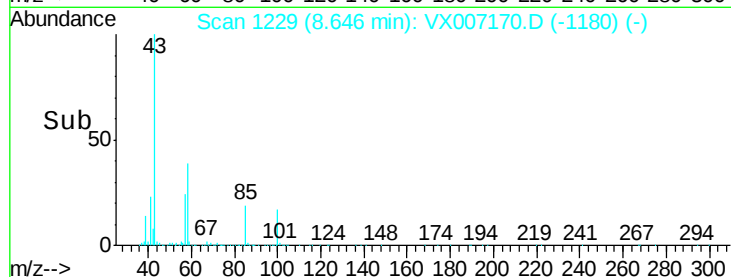
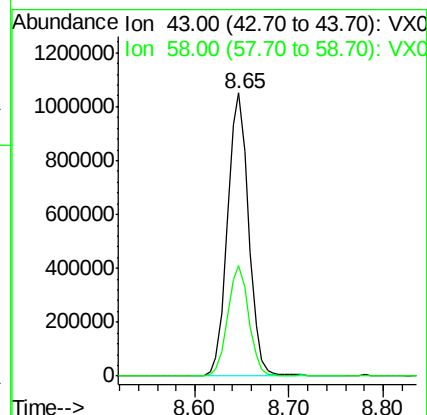
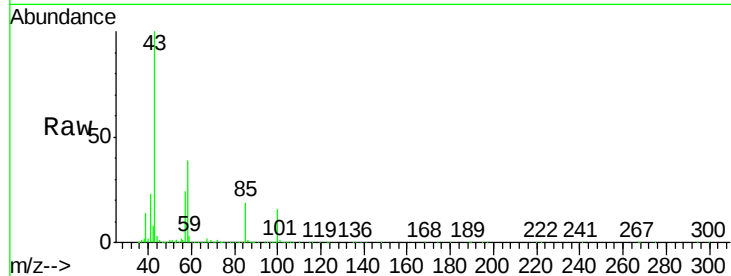
VSTDCCC050EC

Tot Ion: 43 Resp: 1633182

Ion Ratio Lower Upper

43 100

58 38.9 31.8 47.6



#52

Toluene

Concen: 49.017 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007170.D

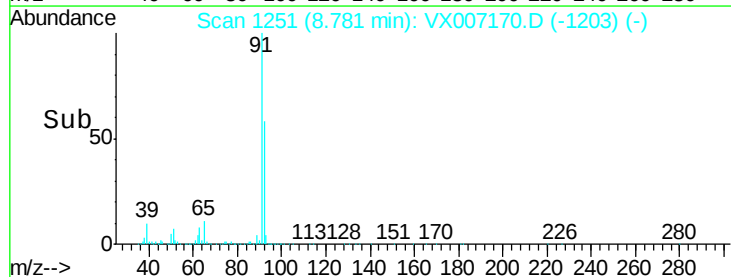
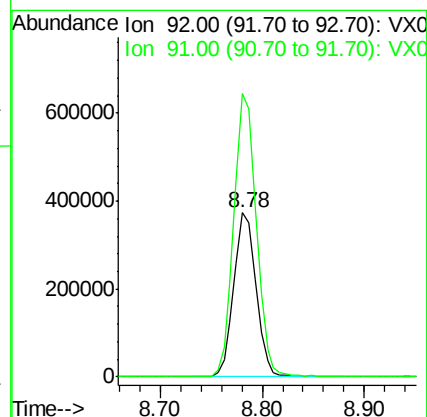
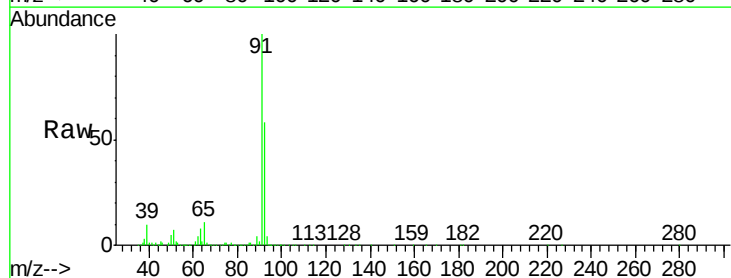
Acq: 21 Jan 2019 20:13

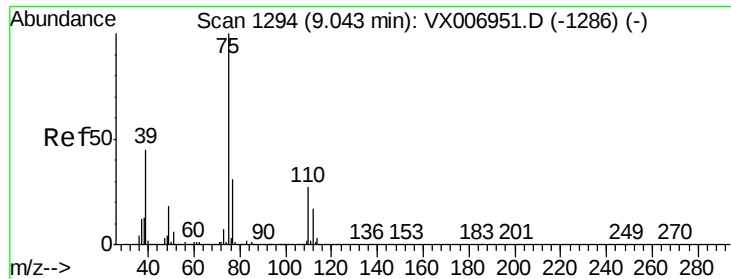
Tgt Ion: 92 Resp: 565410

Ion Ratio Lower Upper

92 100

91 174.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 50.574 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

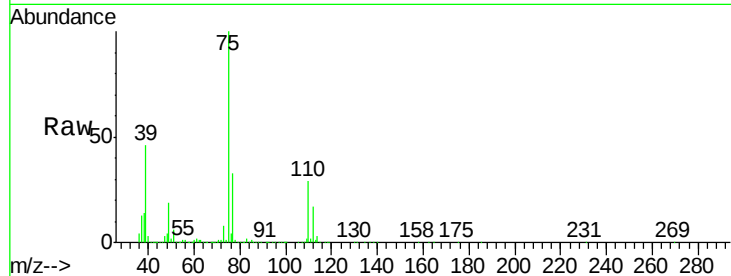
VSTDCCC050EC

Tot Ion: 75 Resp: 302688

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

200000

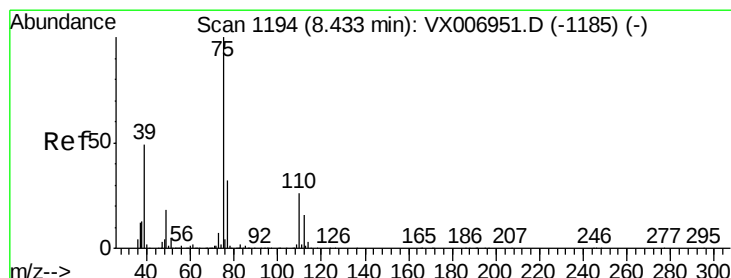
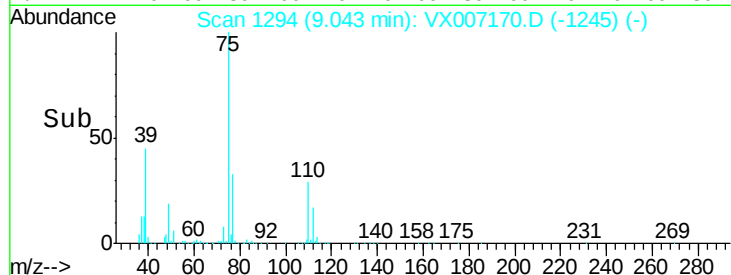
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.151 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

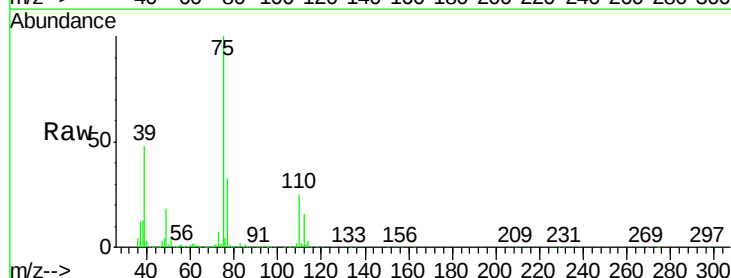
Tgt Ion: 75 Resp: 338083

Ion Ratio Lower Upper

75 100

77 33.4 26.2 39.2

39 47.7 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

300000

250000

200000

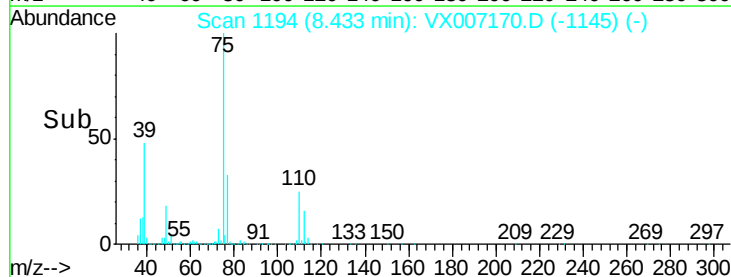
150000

100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.436 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 242095

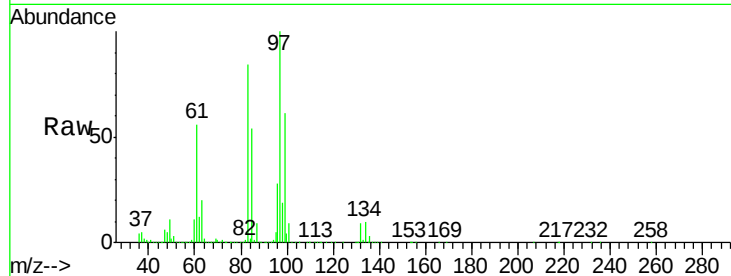
Ion	Ratio	Lower	Upper
97	100		
83	83.9	66.6	99.8
85	53.6	42.7	64.1
99	61.0	50.8	76.2

97 100

83 83.9 66.6 99.8

85 53.6 42.7 64.1

99 61.0 50.8 76.2



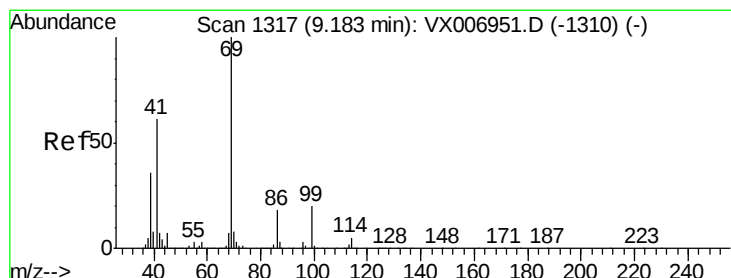
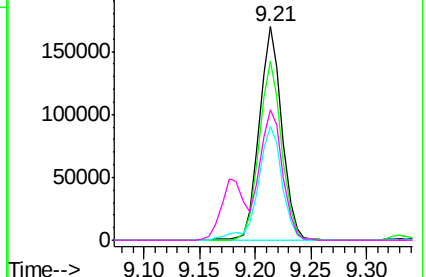
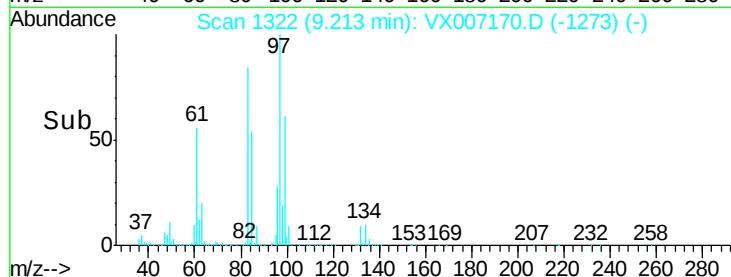
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

Time-->



#56

Ethyl methacrylate

Concen: 52.764 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

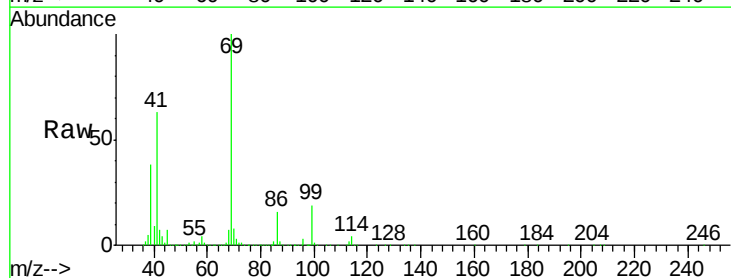
Tgt Ion: 69 Resp: 355637

Ion	Ratio	Lower	Upper
69	100		
41	63.8	48.7	73.1
39	37.3	27.0	40.6

69 100

41 63.8 48.7 73.1

39 37.3 27.0 40.6

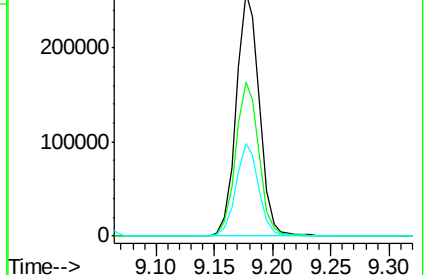
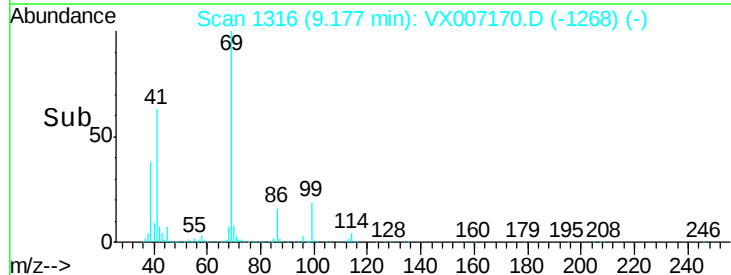


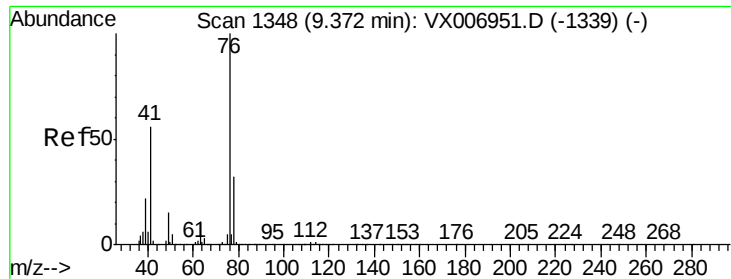
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->





#57

1,3-Dichloropropane

Concen: 50.855 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

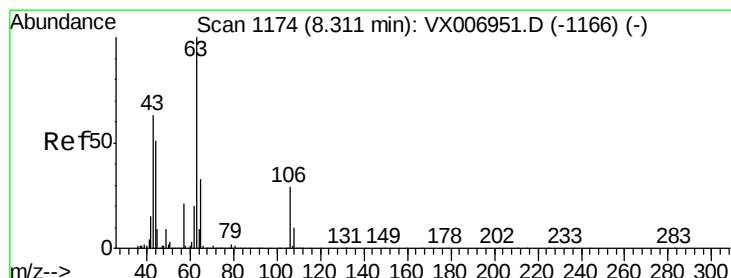
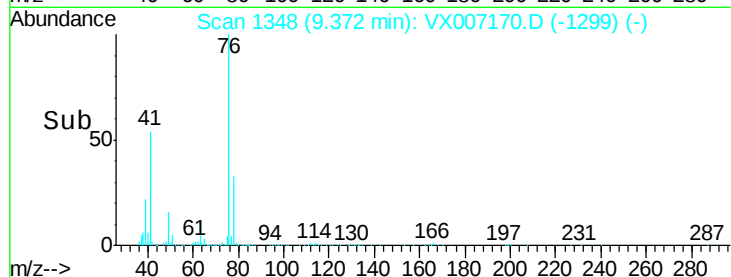
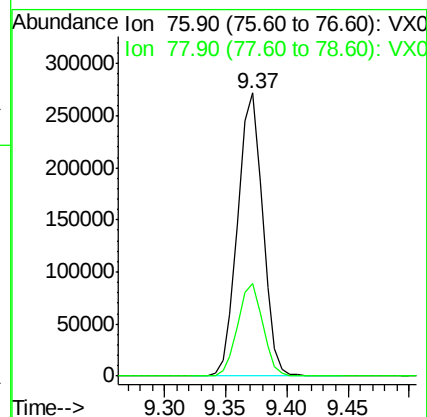
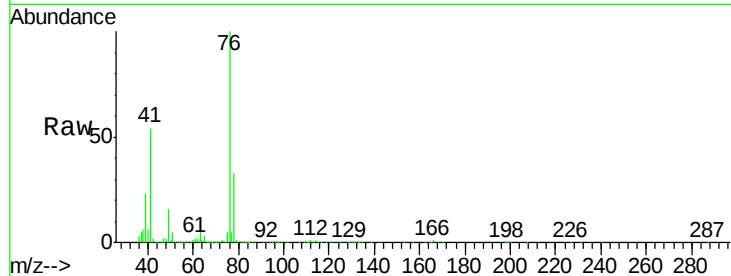
VSTDCCC050EC

Tot Ion: 76 Resp: 384663

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 253.279 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007170.D

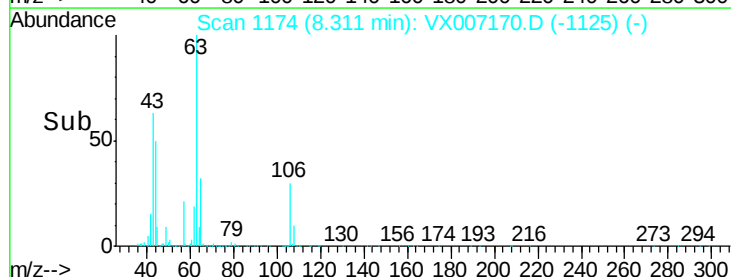
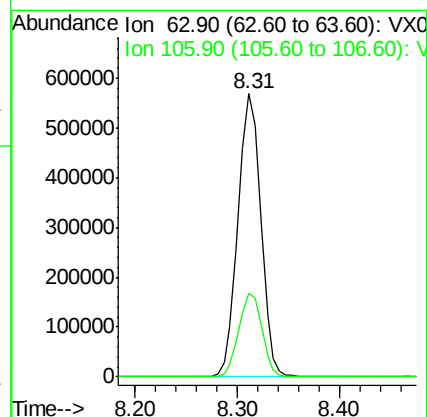
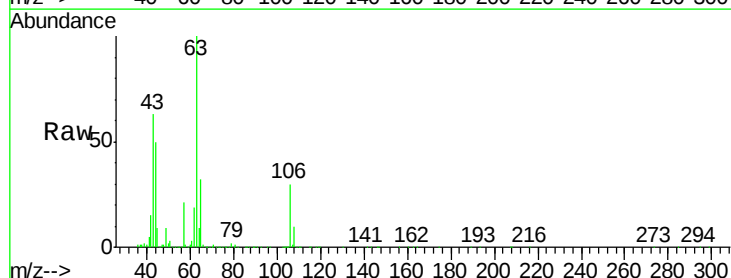
Acq: 21 Jan 2019 20:13

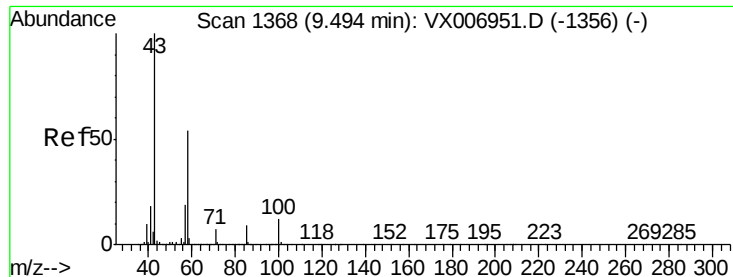
Tgt Ion: 63 Resp: 877743

Ion Ratio Lower Upper

63 100

106 30.2 24.6 36.8

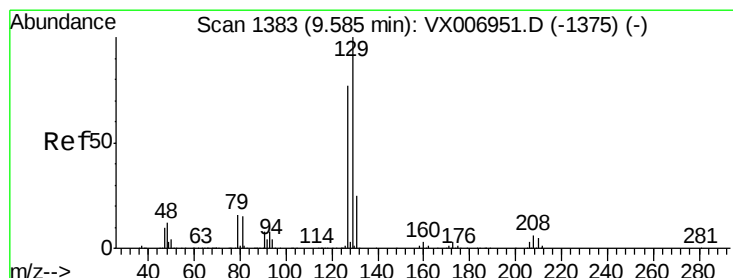
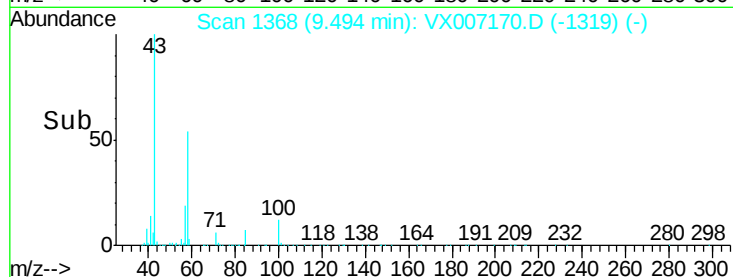
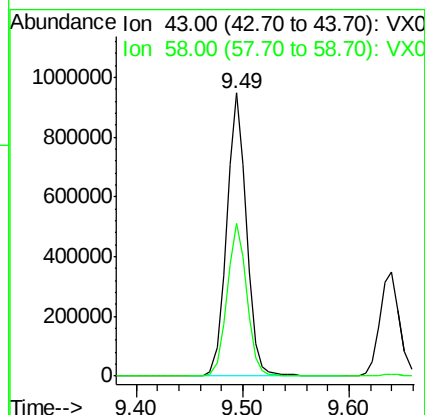
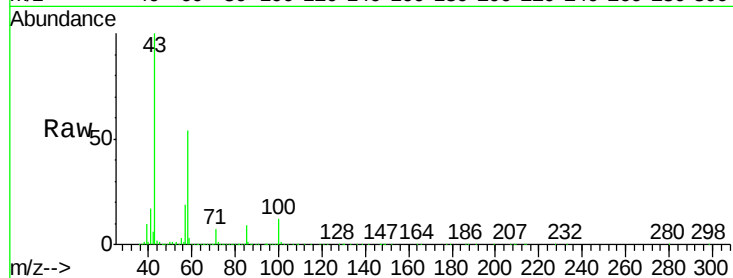




#59
2-Hexanone
Concen: 251.591 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

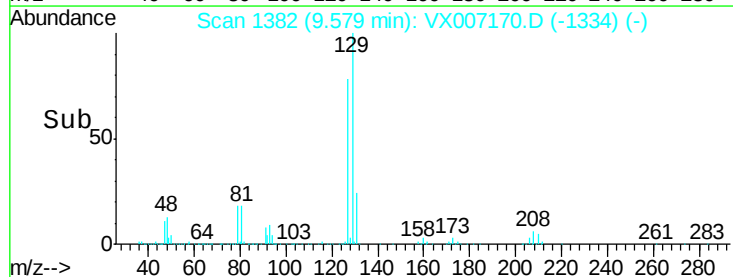
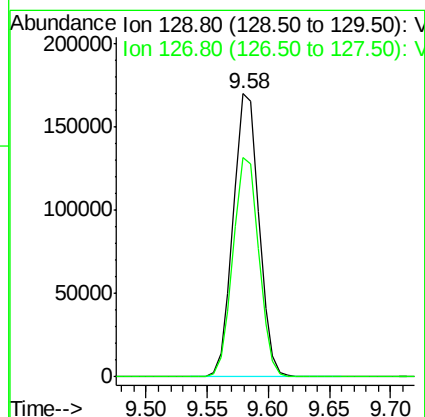
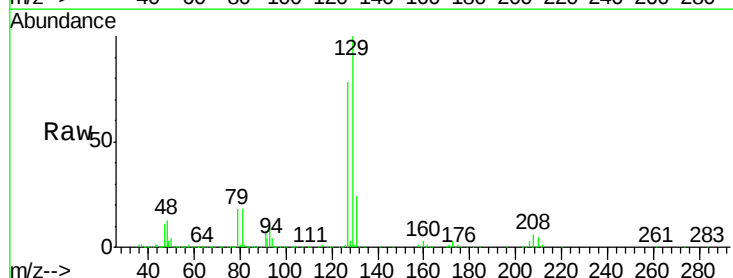
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

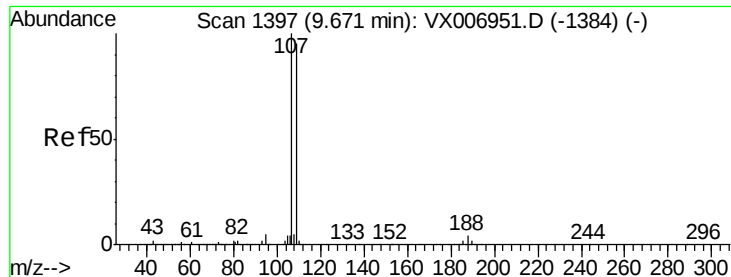
Tot Ion: 43 Resp: 1225529
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.1



#60
Dibromochloromethane
Concen: 55.139 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

Tgt Ion: 129 Resp: 247202
Ion Ratio Lower Upper
129 100
127 77.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 50.740 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

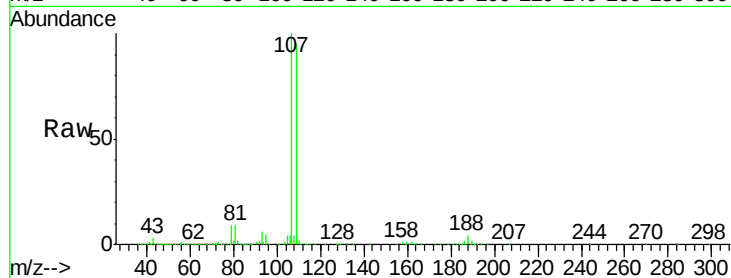
VSTDCCC050EC

Tot Ion:107 Resp: 257904

Ion Ratio Lower Upper

107 100

109 93.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

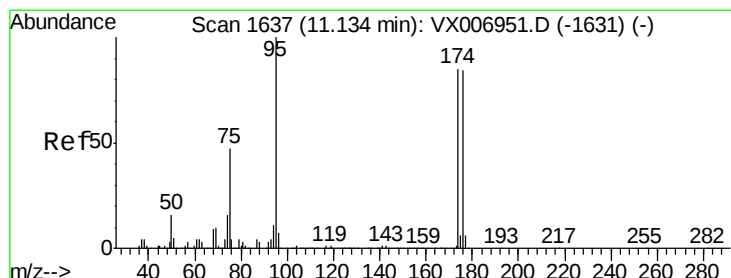
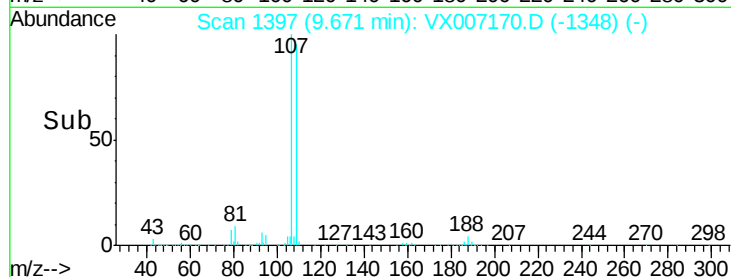
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.880 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

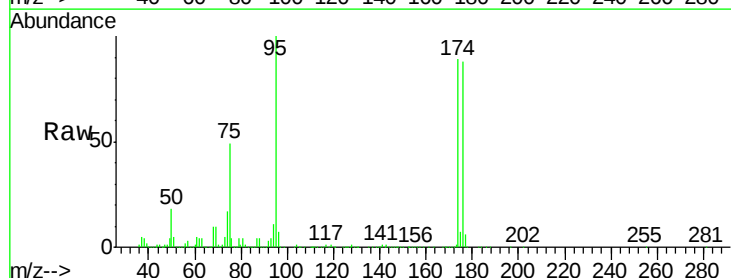
Tgt Ion: 95 Resp: 292337

Ion Ratio Lower Upper

95 100

174 94.1 0.0 182.2

176 91.0 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

300000

250000

200000

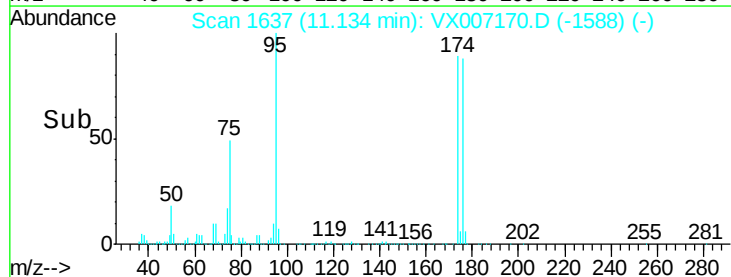
150000

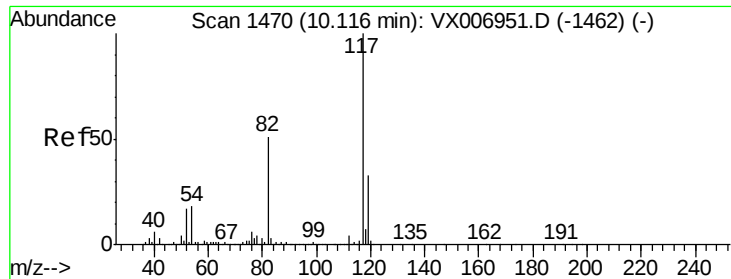
100000

50000

0

Time-->

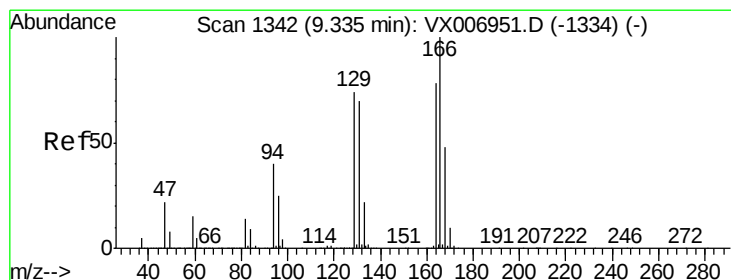
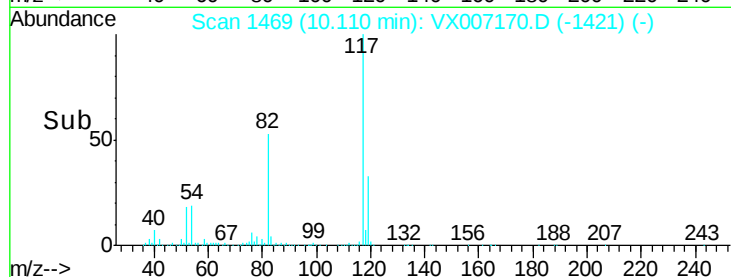
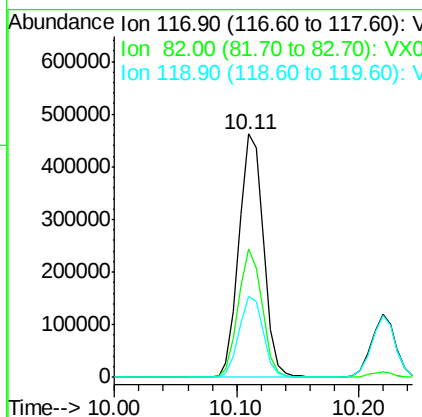
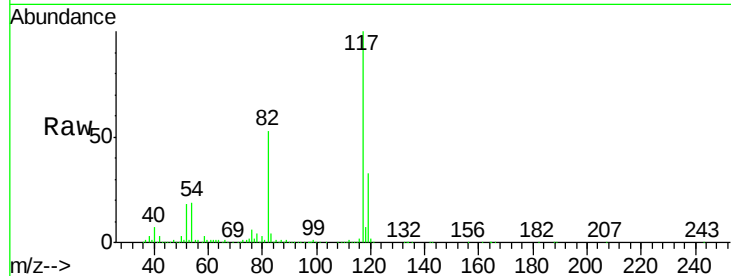




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

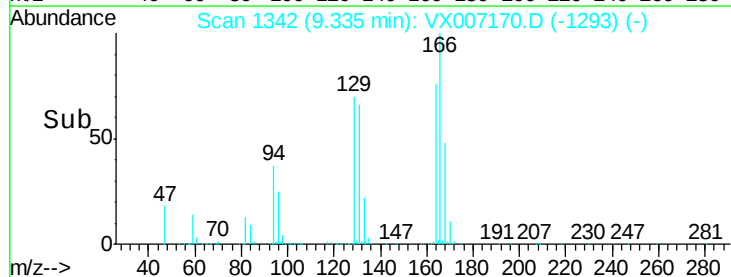
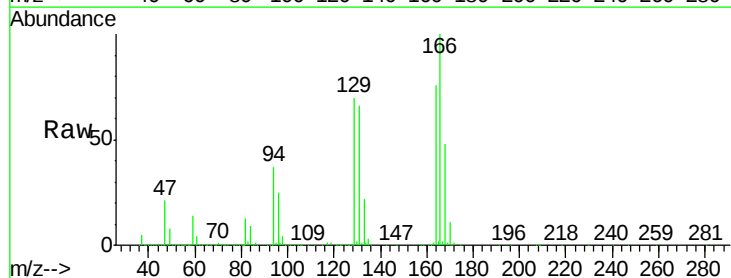
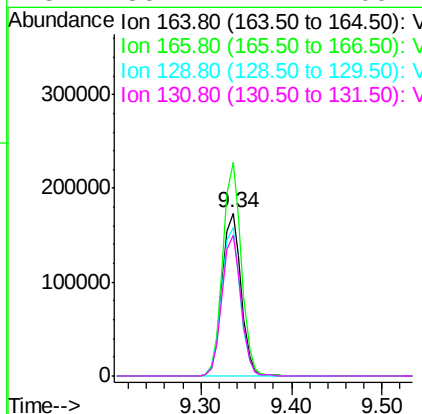
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

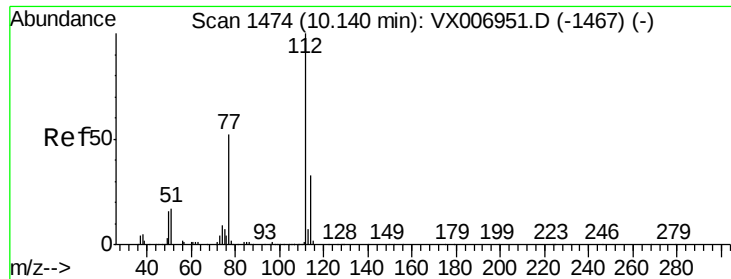
Tot Ion:117 Resp: 638906
Ion Ratio Lower Upper
117 100
82 52.7 41.0 61.6
119 33.5 25.4 38.0



#64
Tetrachloroethene
Concen: 45.822 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

Tgt Ion:164 Resp: 253464
Ion Ratio Lower Upper
164 100
166 131.2 102.5 153.7
129 91.4 75.1 112.7
131 86.2 72.7 109.1





#65

Chlorobenzene

Concen: 47.908 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

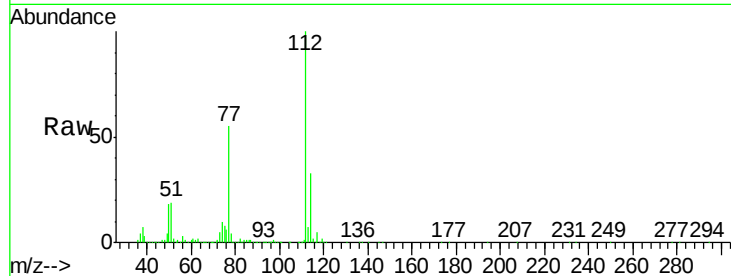
VSTDCCC050EC

Tot Ion:112 Resp: 667589

Ion Ratio Lower Upper

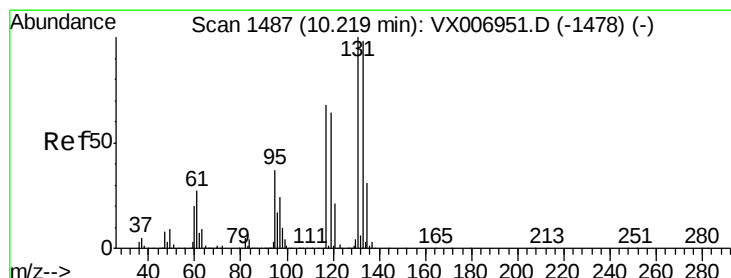
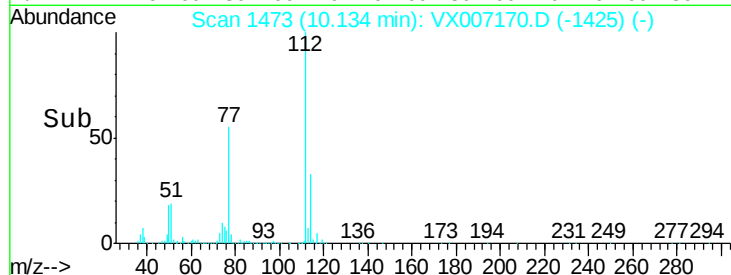
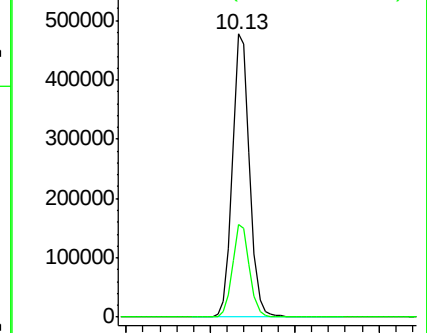
112 100

114 32.6 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.308 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

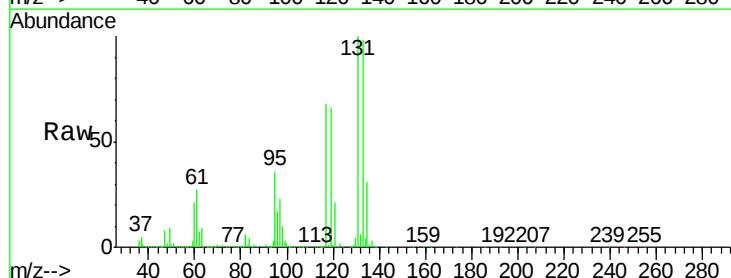
Tgt Ion:131 Resp: 240517

Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.2

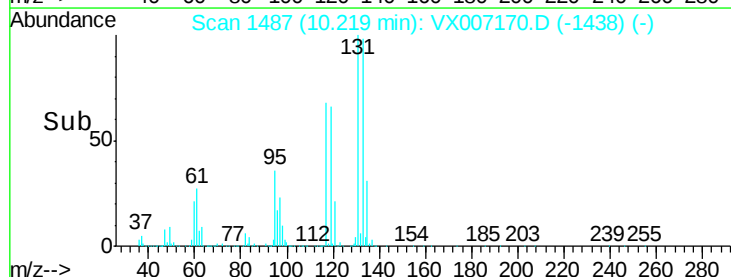
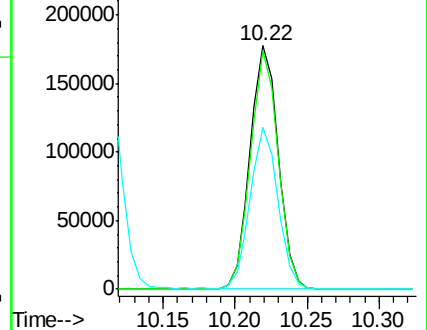
119 65.6 32.6 97.8

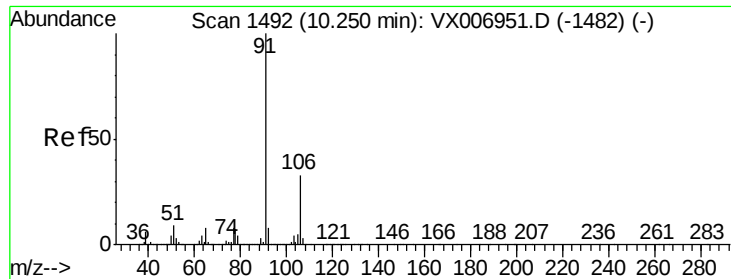


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.254 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

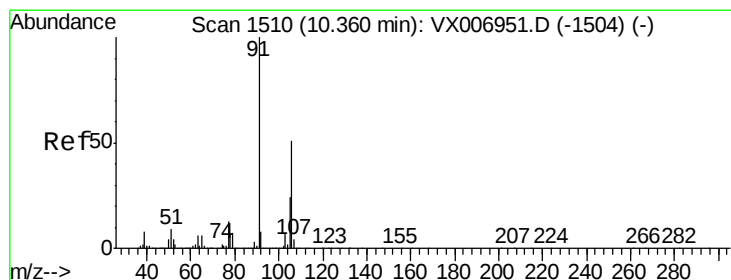
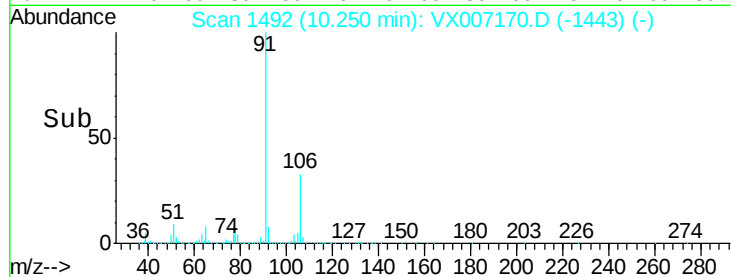
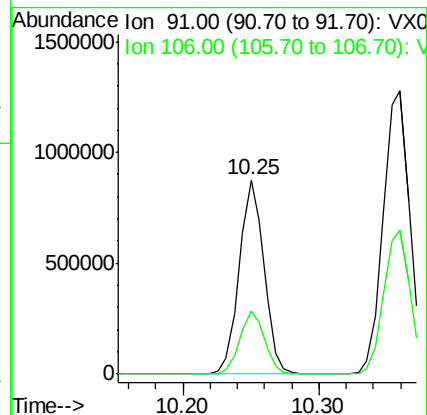
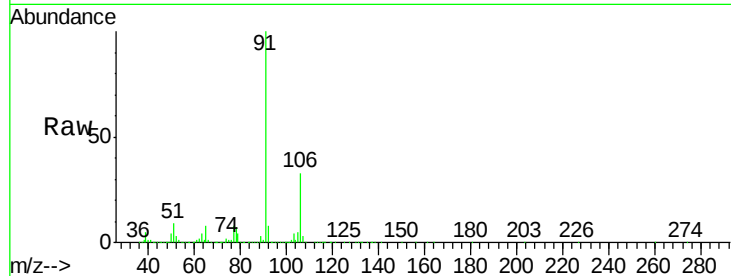
VSTDCCC050EC

Tot Ion: 91 Resp: 1110065

Ion Ratio Lower Upper

91 100

106 32.8 26.4 39.6



#68

m/p-Xylenes

Concen: 97.315 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007170.D

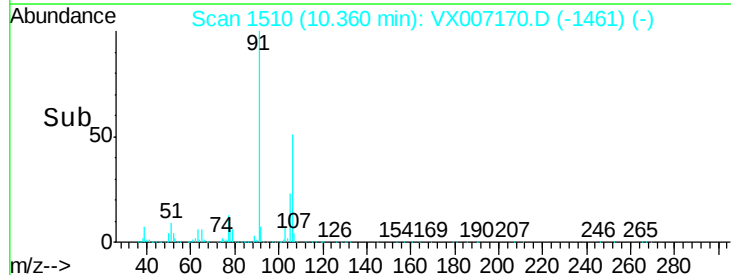
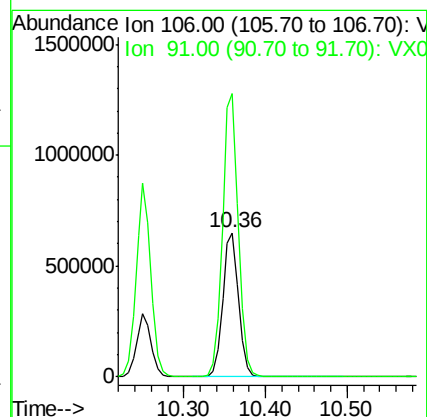
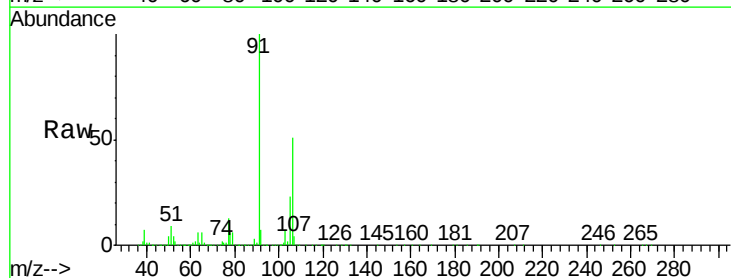
Acq: 21 Jan 2019 20:13

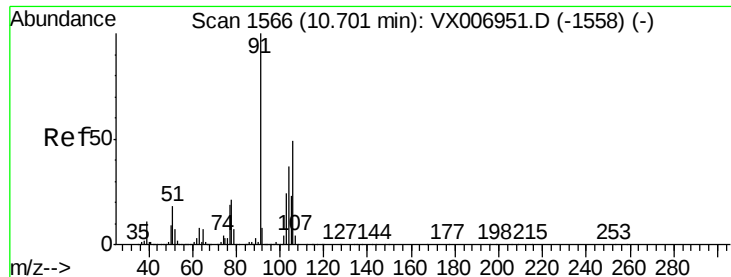
Tgt Ion: 106 Resp: 882018

Ion Ratio Lower Upper

106 100

91 196.8 155.8 233.6

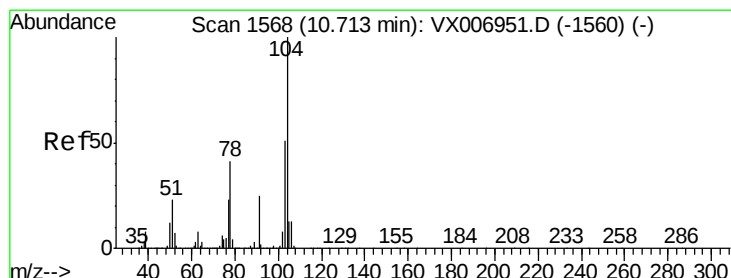
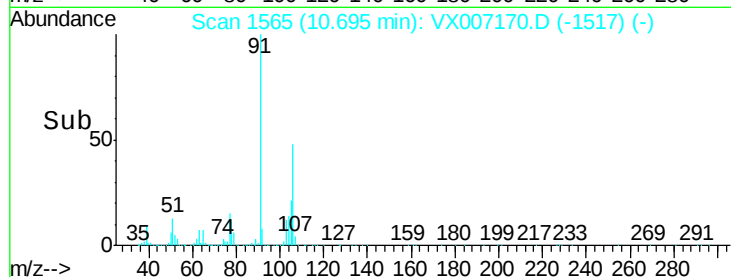
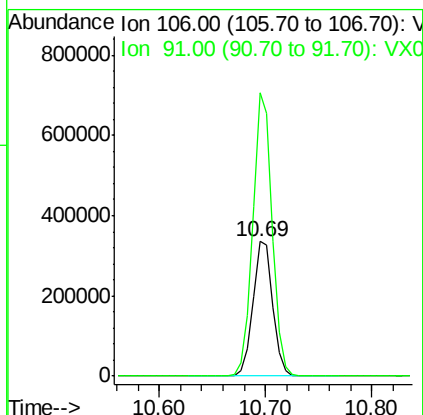
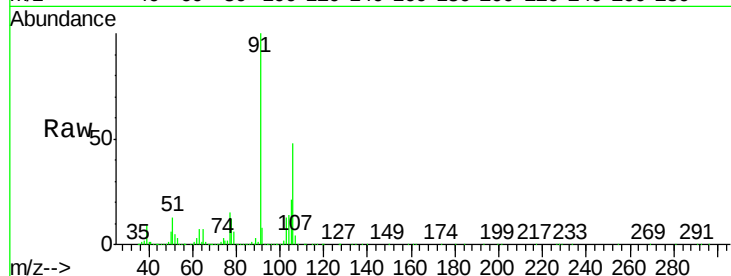




#69
o-Xylene
Concen: 49.493 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

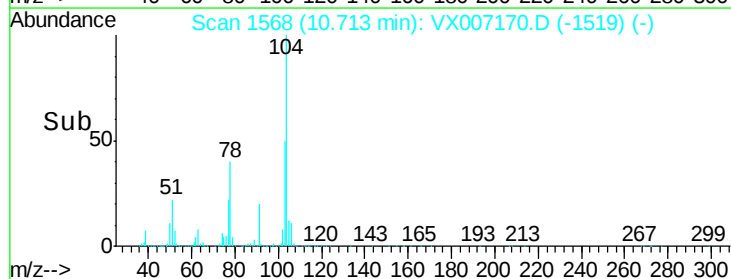
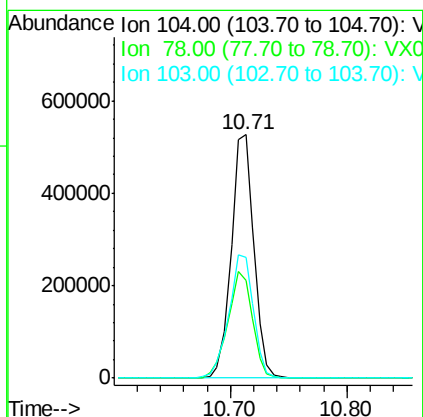
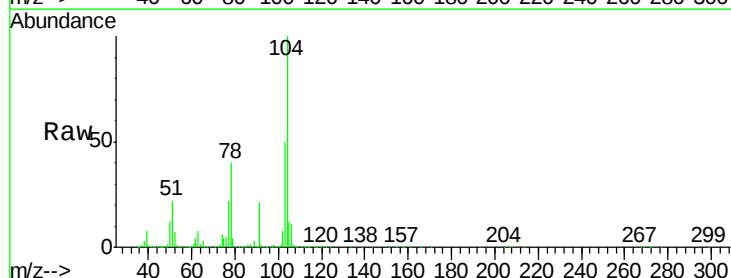
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

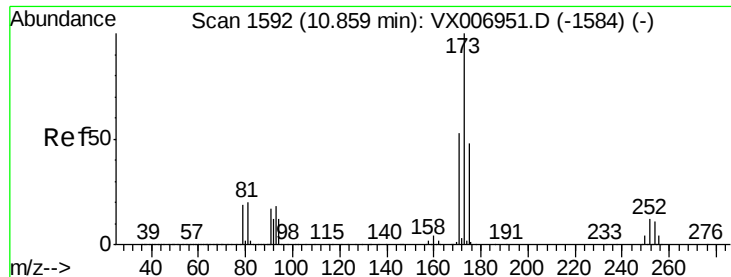
Tot Ion:106 Resp: 437476
Ion Ratio Lower Upper
106 100
91 205.5 101.3 303.7



#70
Styrene
Concen: 50.939 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

Tgt Ion:104 Resp: 713116
Ion Ratio Lower Upper
104 100
78 47.7 37.7 56.5
103 55.3 43.8 65.8





#71

Bromoform

Concen: 45.620 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

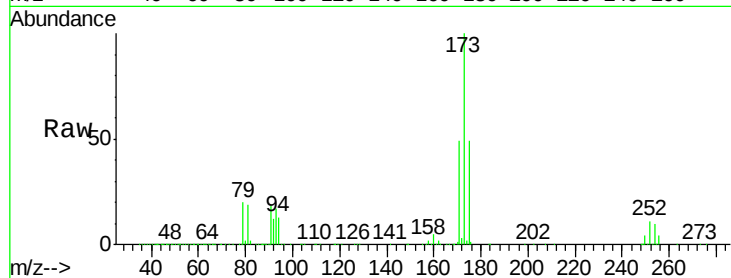
Tot Ion:173 Resp: 189408

Ion Ratio Lower Upper

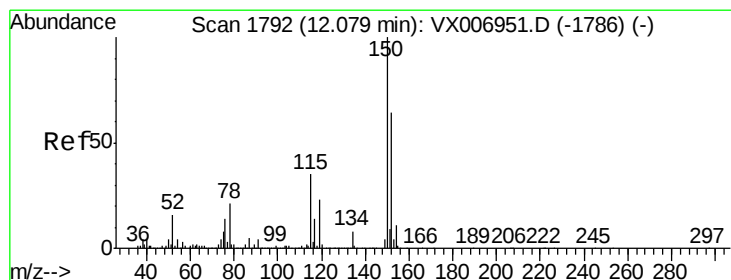
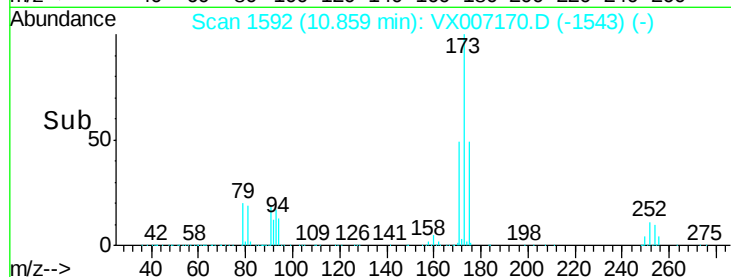
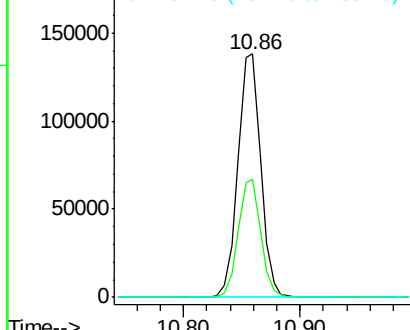
173 100

175 48.0 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

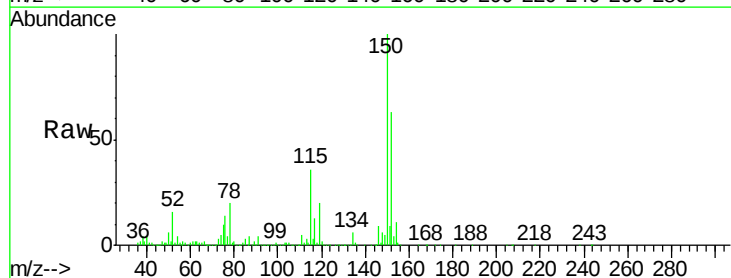
Tgt Ion:152 Resp: 343576

Ion Ratio Lower Upper

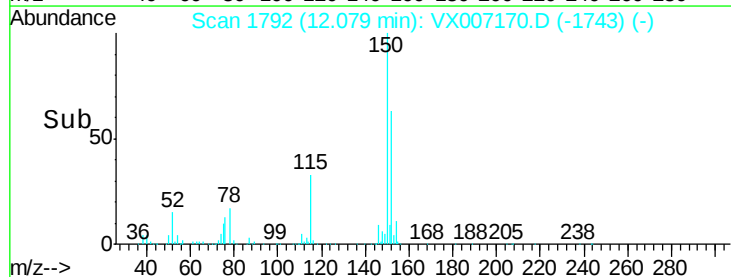
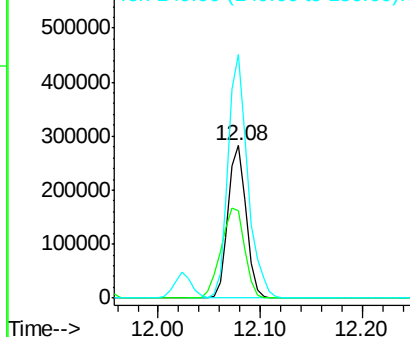
152 100

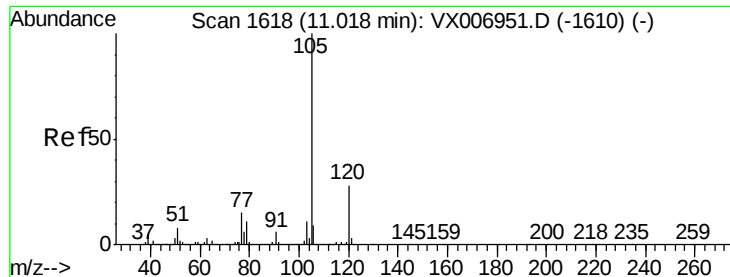
115 78.2 39.1 117.2

150 173.8 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: 48.054 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

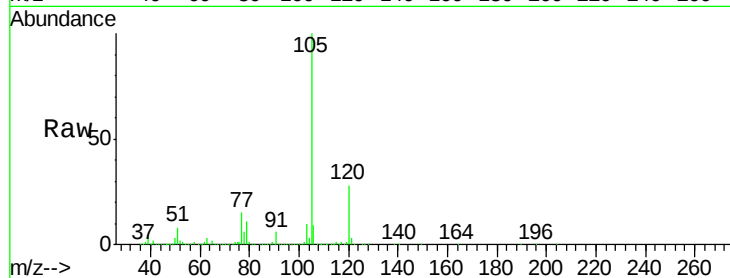
VSTDCCC050EC

Tot Ion:105 Resp: 1164207

Ion Ratio Lower Upper

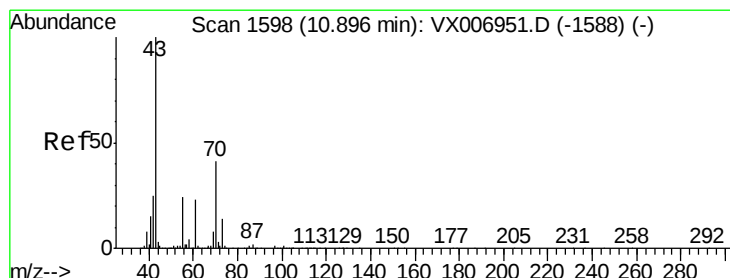
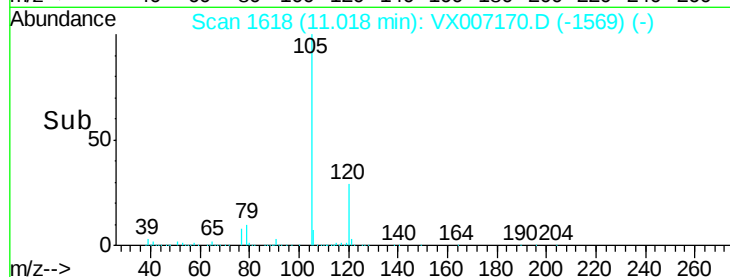
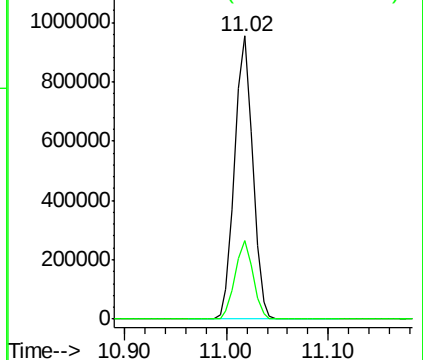
105 100

120 27.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.352 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Tgt Ion: 43 Resp: 452135

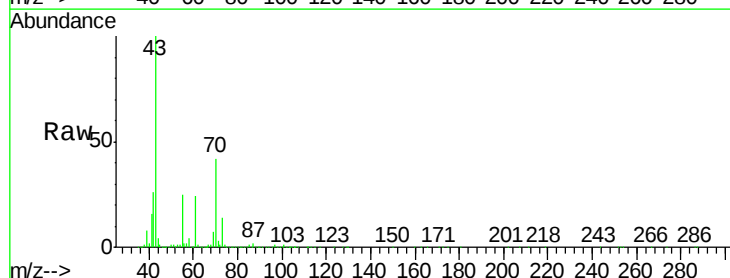
Ion Ratio Lower Upper

43 100

70 42.5 35.8 53.8

55 24.8 19.4 29.0

61 24.0 20.1 30.1

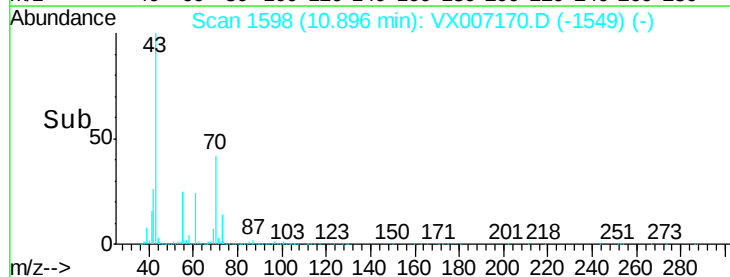
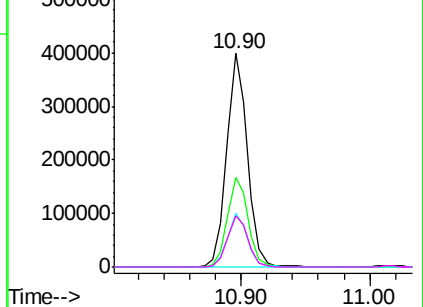


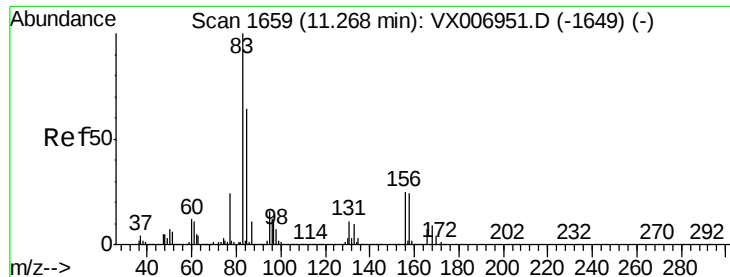
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.515 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

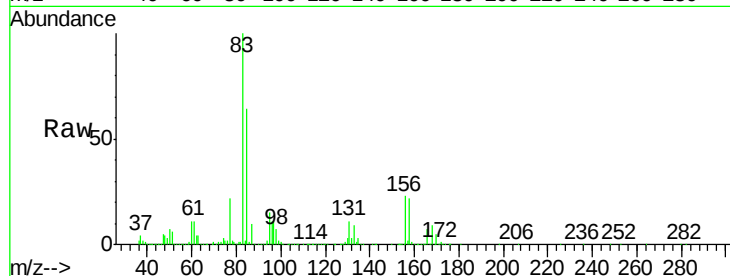
Tot Ion: 83 Resp: 357757

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

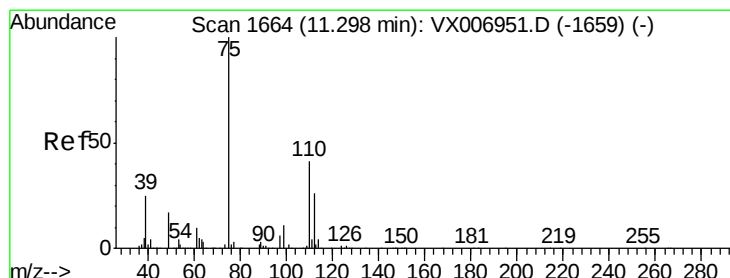
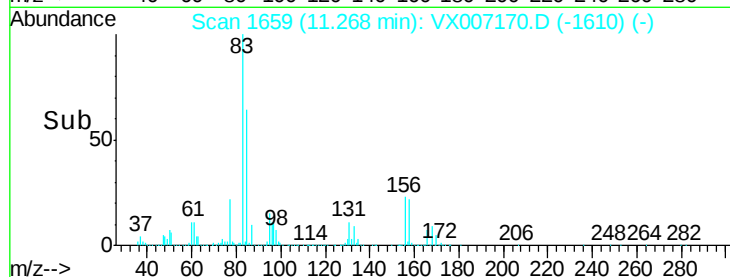
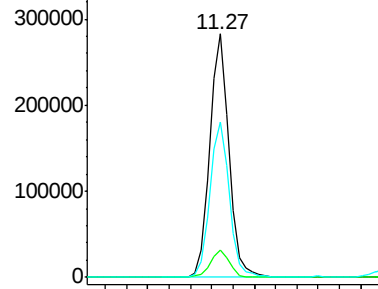
85 64.7 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 56.769 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007170.D

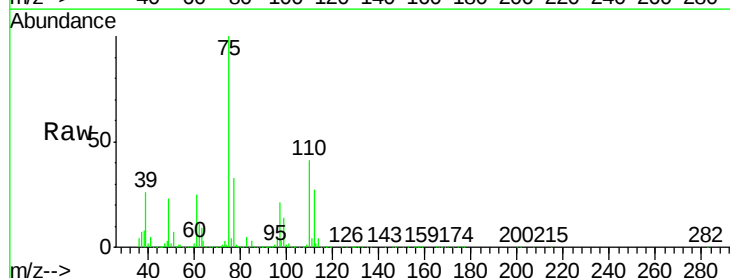
Acq: 21 Jan 2019 20:13

Tgt Ion: 75 Resp: 395248

Ion Ratio Lower Upper

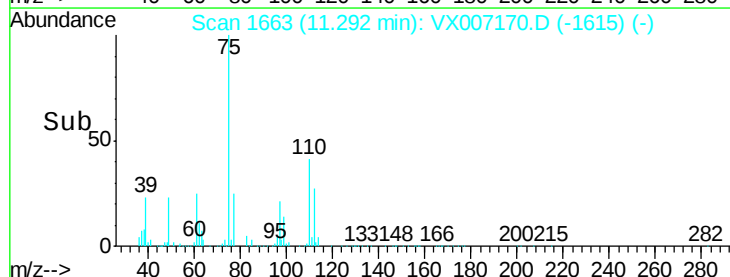
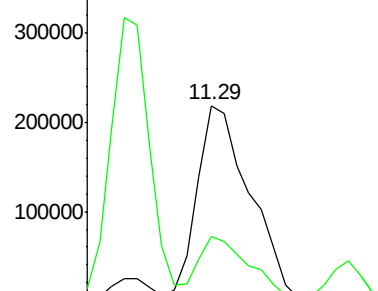
75 100

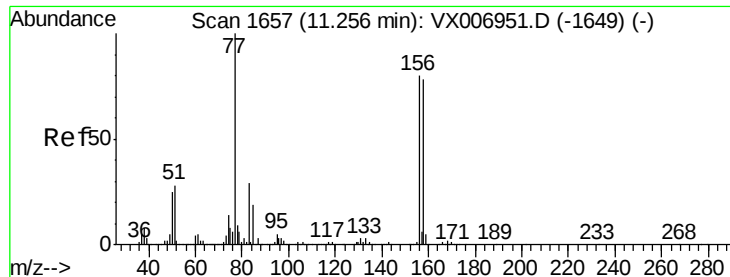
77 33.0 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.042 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

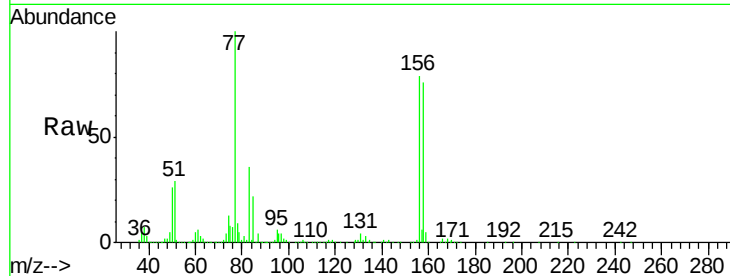
Tot Ion:156 Resp: 314025

Ion Ratio Lower Upper

156 100

77 134.0 68.0 204.0

158 96.4 48.3 144.8



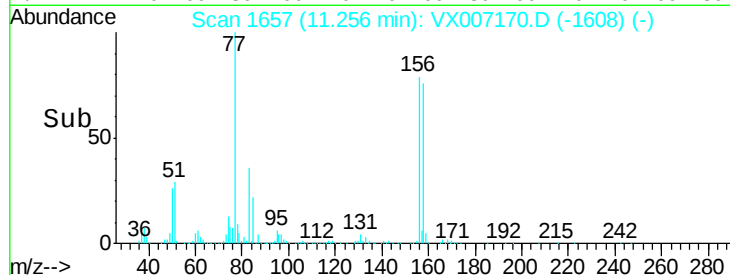
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

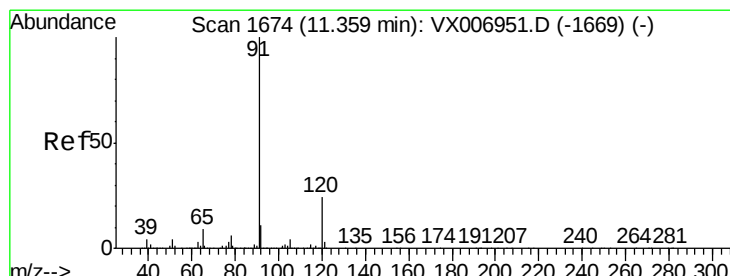
Ion 157.80 (157.50 to 158.50): V

Time-->

11.20 11.30



Time-->



#78

n-propylbenzene

Concen: 49.352 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007170.D

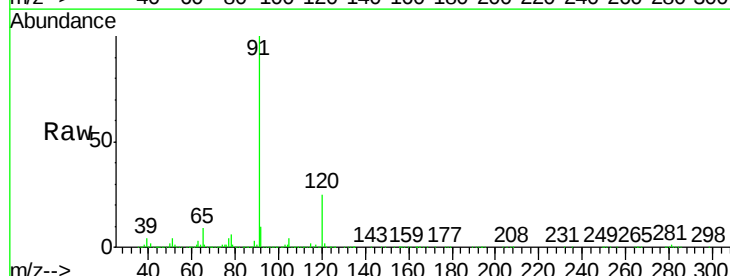
Acq: 21 Jan 2019 20:13

Tgt Ion: 91 Resp: 1312560

Ion Ratio Lower Upper

91 100

120 24.7 12.7 38.0

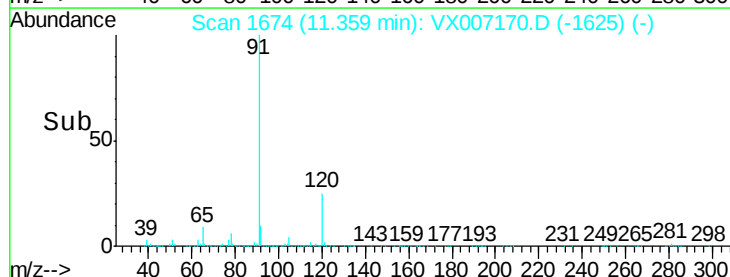


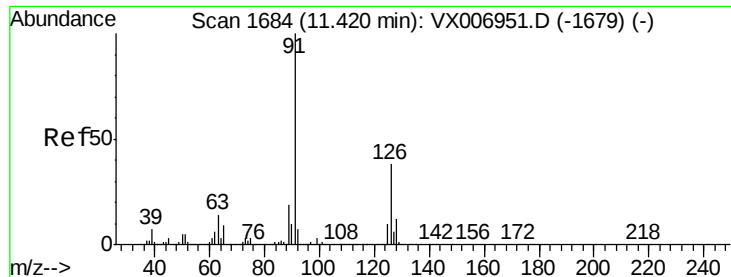
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

Time-->

11.30 11.35 11.40





#79

2-Chlorotoluene

Concen: 47.845 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

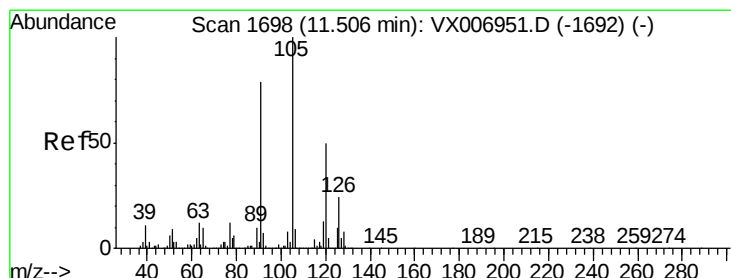
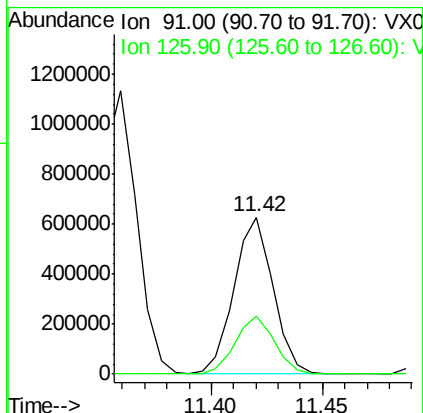
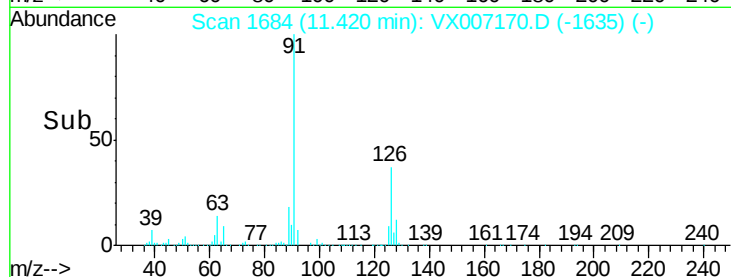
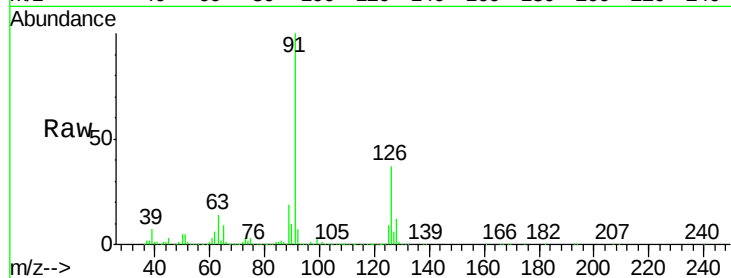
VSTDCCC050EC

Tot Ion: 91 Resp: 765982

Ion Ratio Lower Upper

91 100

126 36.9 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 47.350 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007170.D

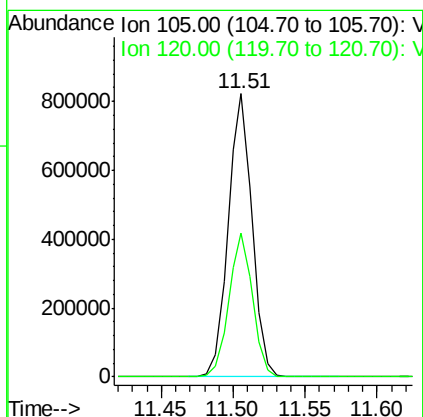
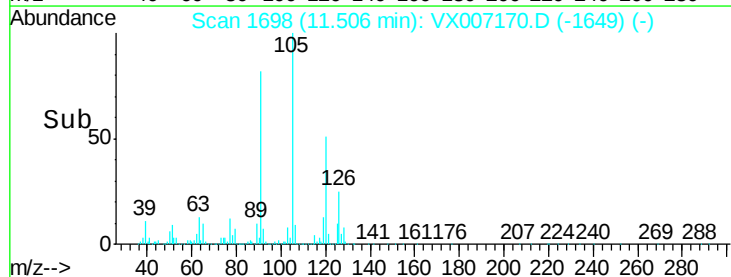
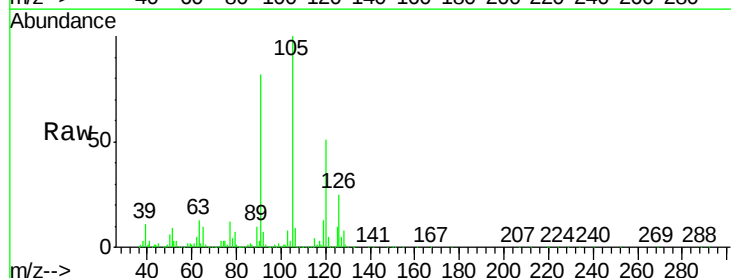
Acq: 21 Jan 2019 20:13

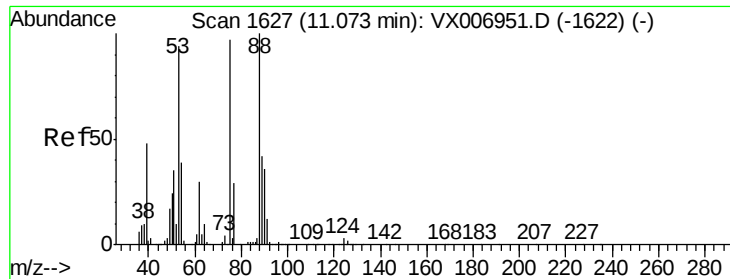
Tgt Ion: 105 Resp: 958527

Ion Ratio Lower Upper

105 100

120 50.3 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 41.089 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

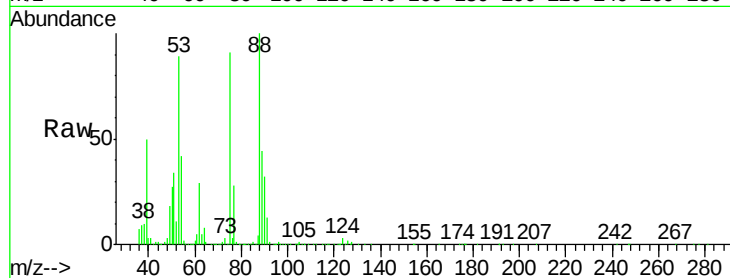
Tot Ion: 75 Resp: 93114

Ion Ratio Lower Upper

75 100

53 102.3 79.7 119.5

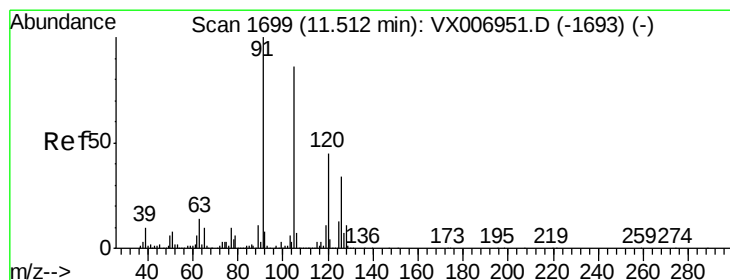
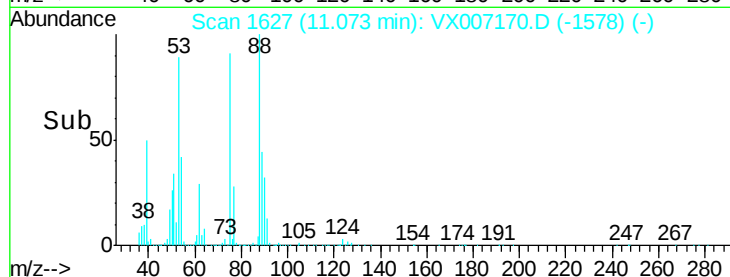
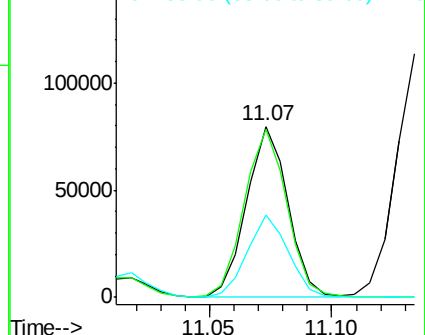
89 48.7 38.0 57.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.027 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007170.D

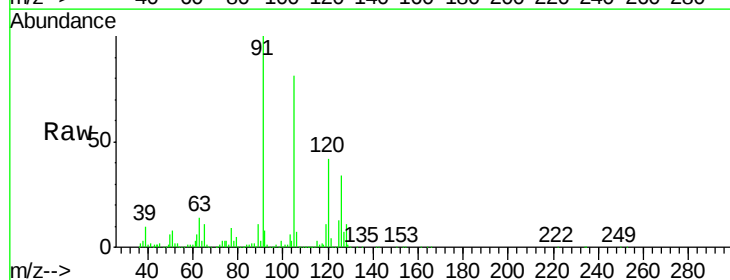
Acq: 21 Jan 2019 20:13

Tgt Ion: 91 Resp: 890255

Ion Ratio Lower Upper

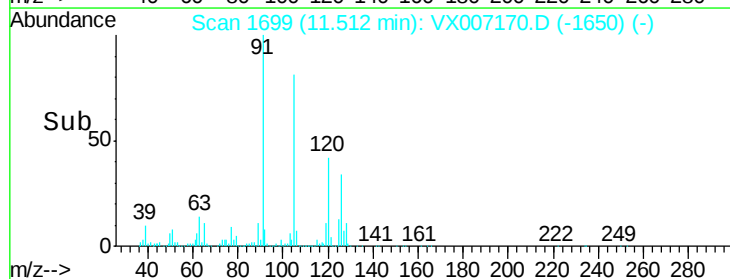
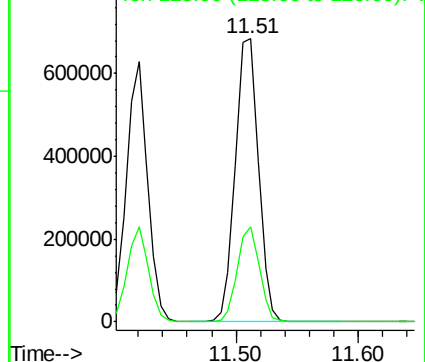
91 100

126 32.0 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 47.482 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

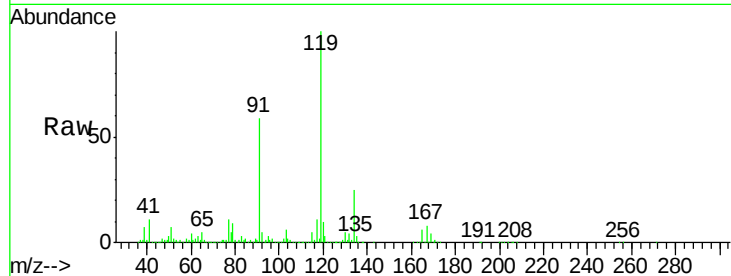
Tot Ion:119 Resp: 959009

Ion Ratio Lower Upper

119 100

91 56.5 27.7 83.1

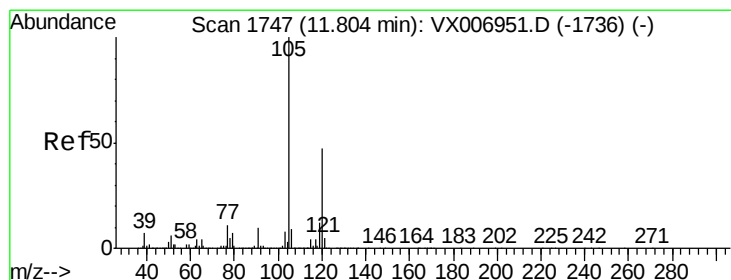
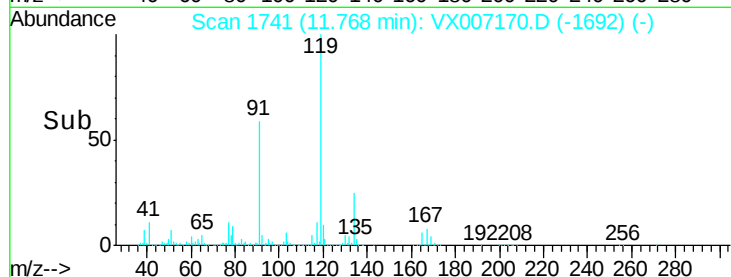
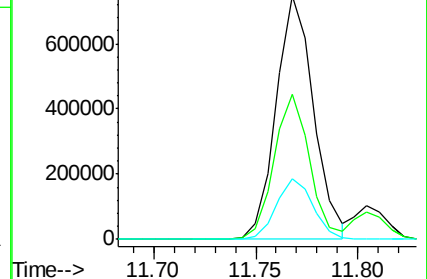
134 24.3 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.130 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007170.D

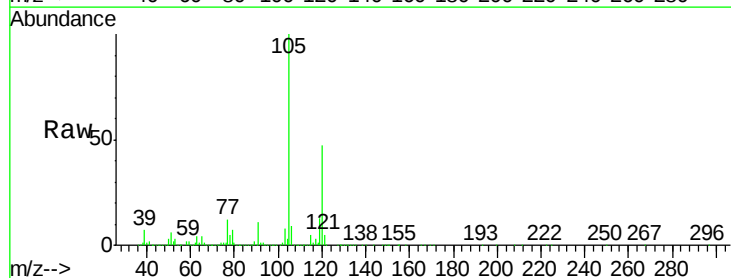
Acq: 21 Jan 2019 20:13

Tgt Ion:105 Resp: 979754

Ion Ratio Lower Upper

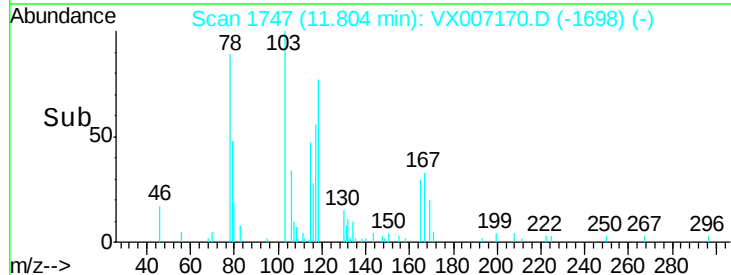
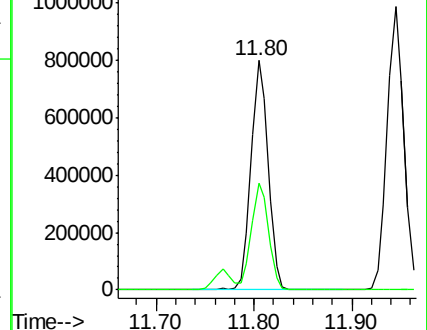
105 100

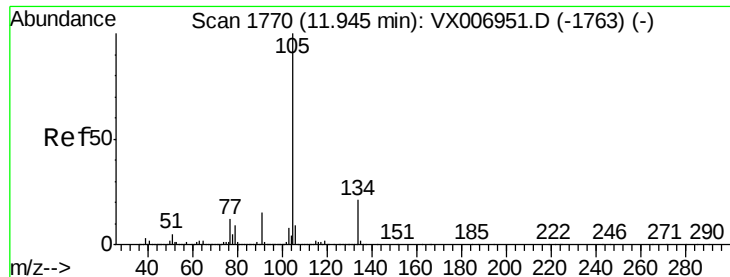
120 45.9 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.639 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

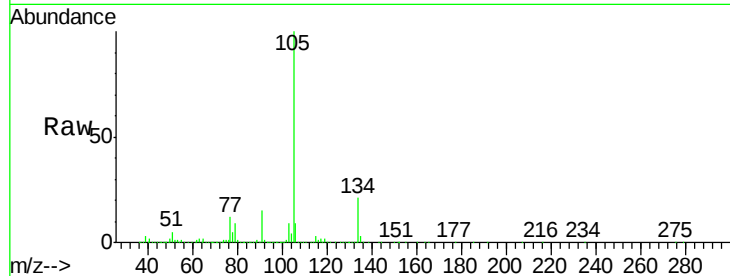
VSTDCCC050EC

Tot Ion:105 Resp: 1173235

Ion Ratio Lower Upper

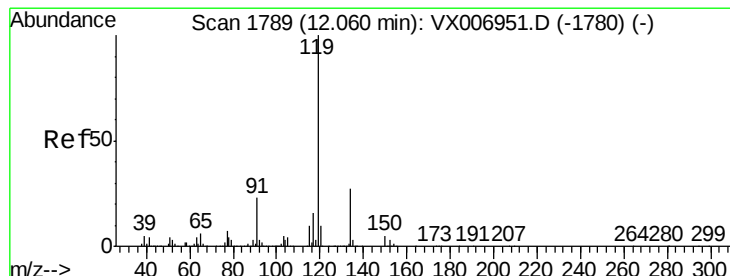
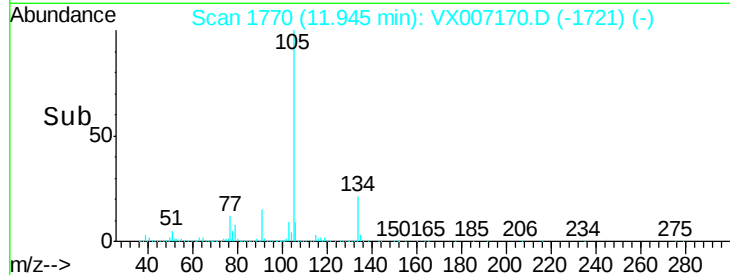
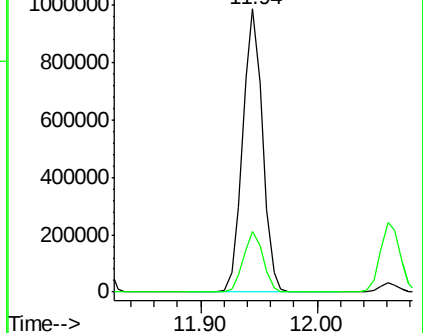
105 100

134 21.5 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: 48.810 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

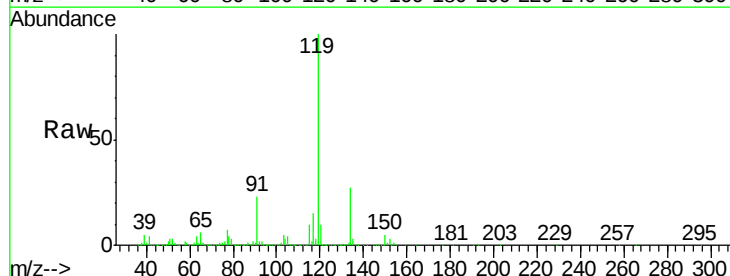
Tgt Ion:119 Resp: 1053106

Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

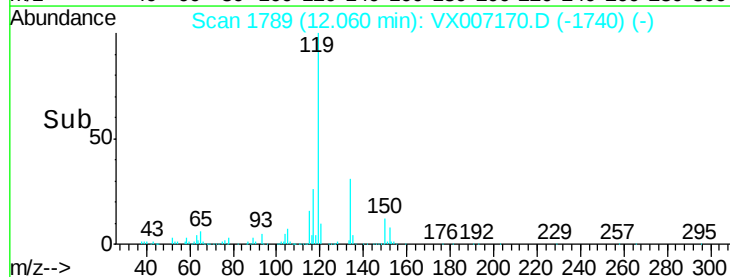
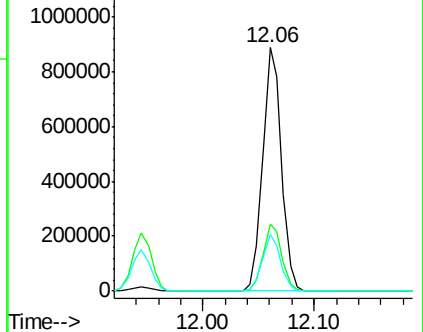
91 22.5 11.3 33.9



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): V

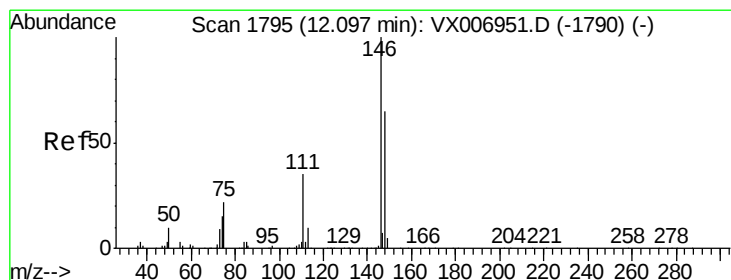
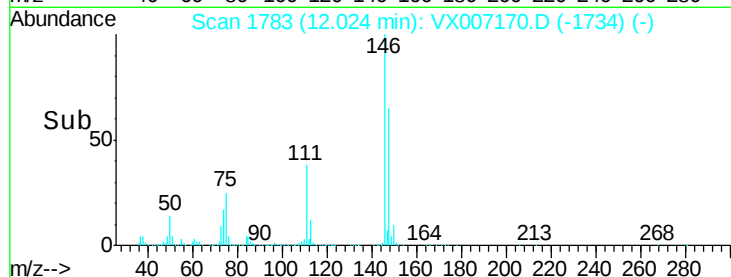
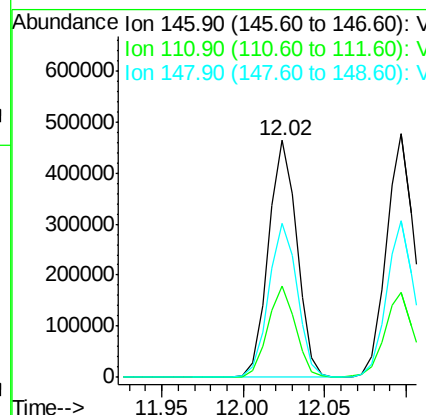
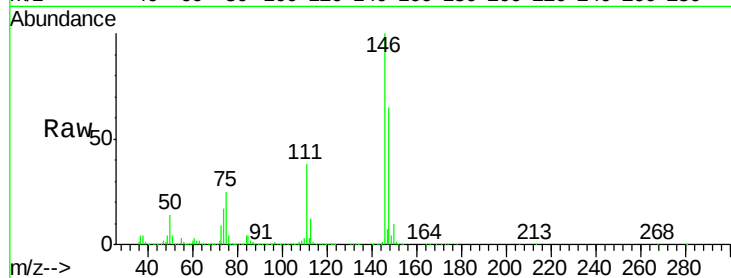




#87
 1,3-Dichlorobenzene
 Concen: 46.650 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007170.D
 Acq: 21 Jan 2019 20:13

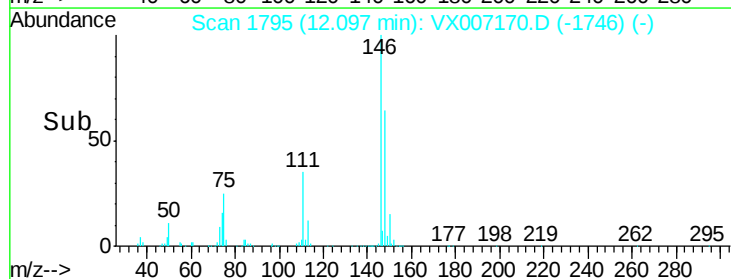
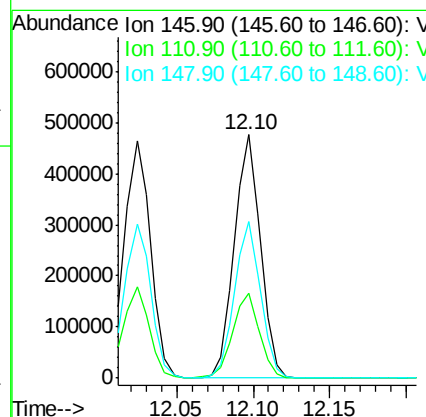
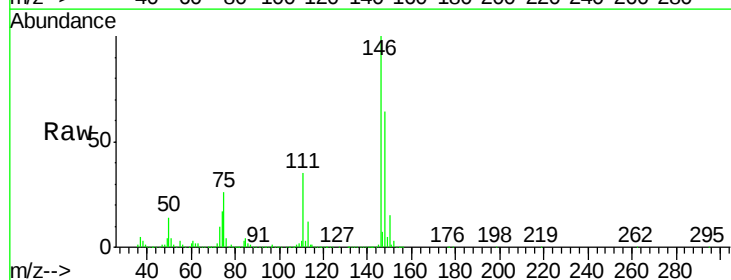
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 562871
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.6 55.8
 148 65.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.451 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007170.D
 Acq: 21 Jan 2019 20:13

Tgt Ion:146 Resp: 565302
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.1 54.1
 148 64.0 31.9 95.9

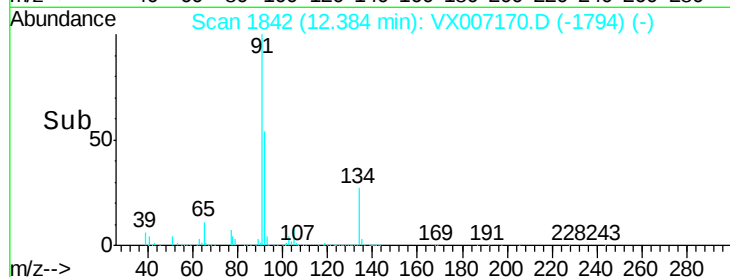
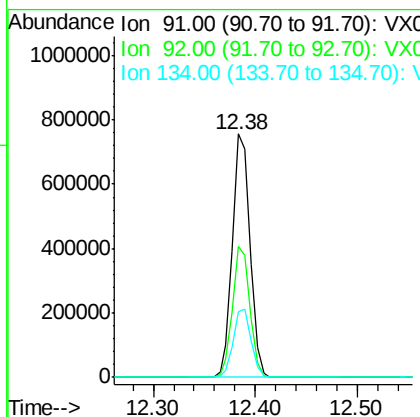
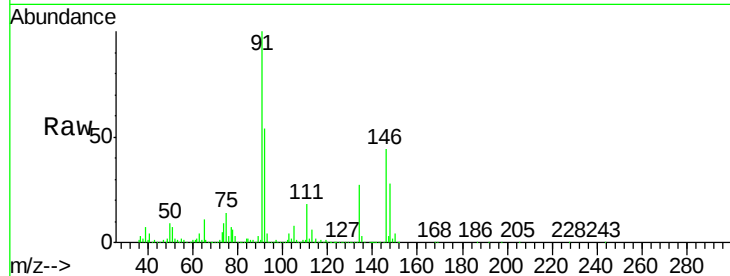




#89
n-Butylbenzene
Concen: 48.496 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

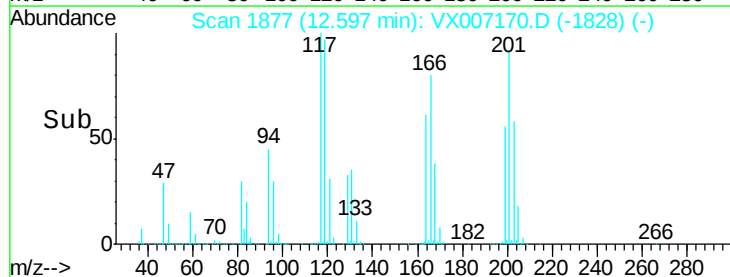
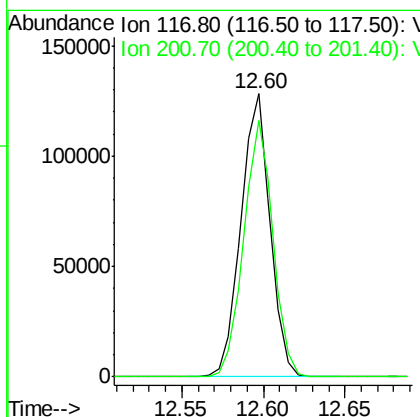
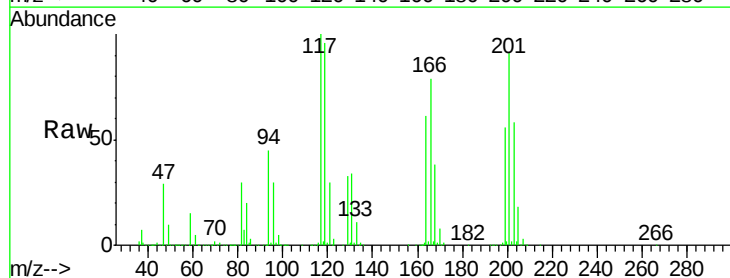
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

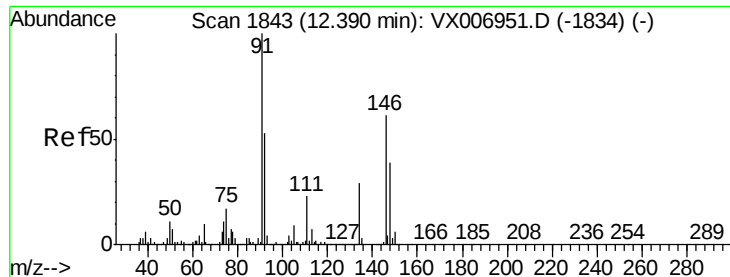
Tot Ion: 91 Resp: 891960
Ion Ratio Lower Upper
91 100
92 52.9 26.8 80.4
134 28.4 14.4 43.2



#90
Hexachloroethane
Concen: 46.639 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

Tgt Ion: 117 Resp: 159929
Ion Ratio Lower Upper
117 100
201 90.7 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 47.523 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

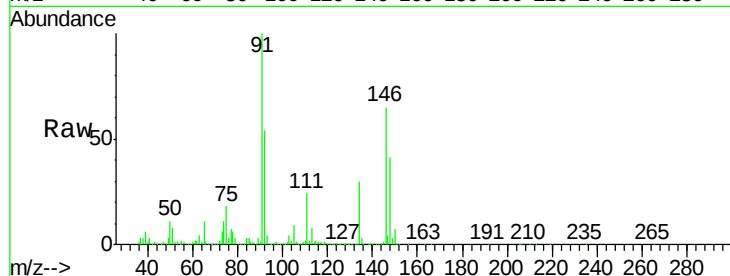
Tot Ion:146 Resp: 565861

Ion Ratio Lower Upper

146 100

111 37.8 19.4 58.2

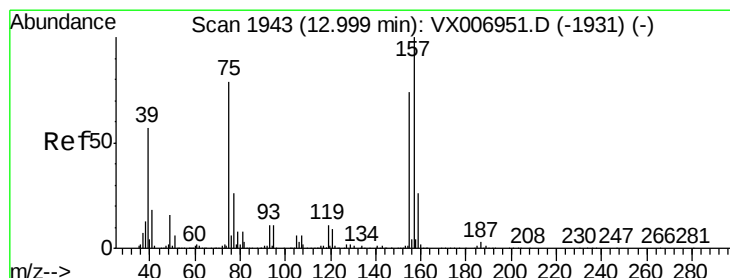
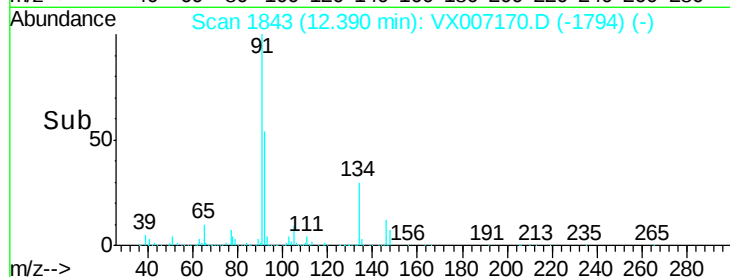
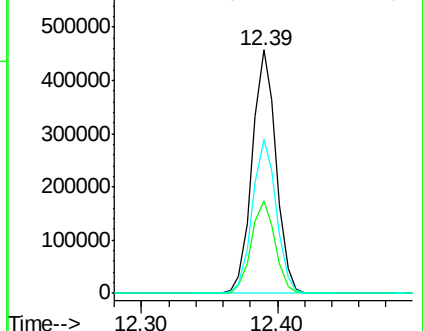
148 63.5 32.3 96.9



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: 48.036 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

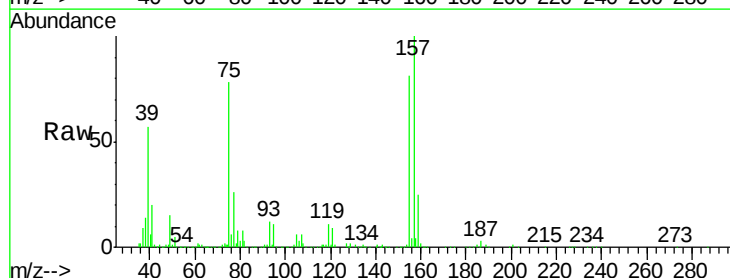
Tgt Ion: 75 Resp: 73070

Ion Ratio Lower Upper

75 100

155 101.8 50.6 151.8

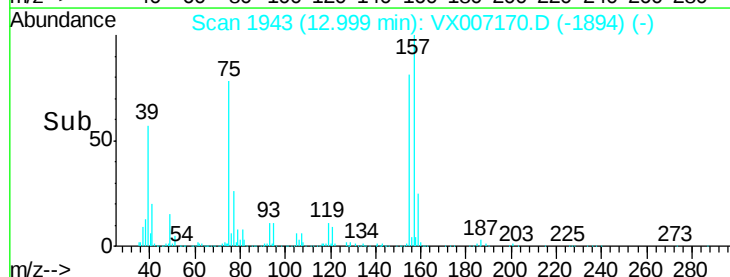
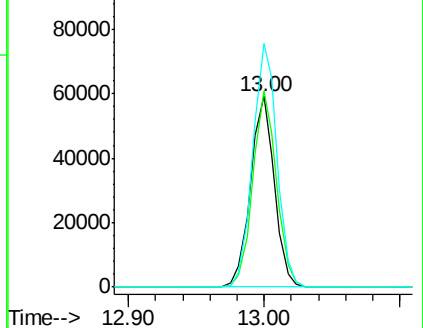
157 129.3 64.6 193.8

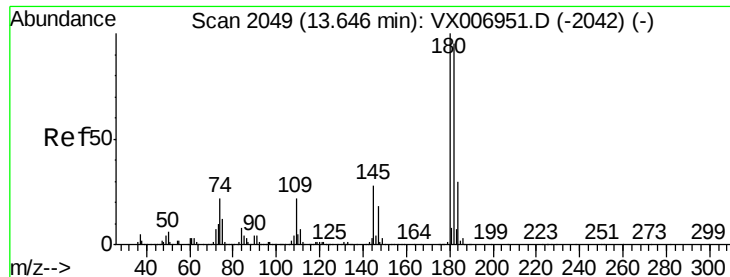


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

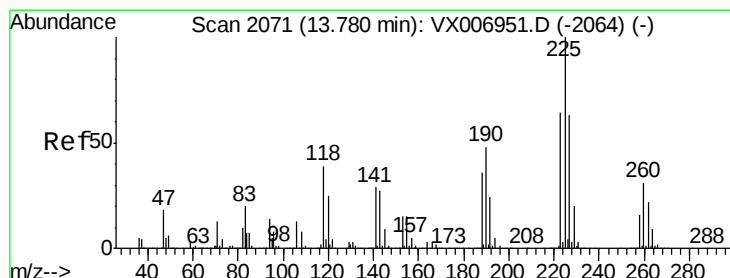
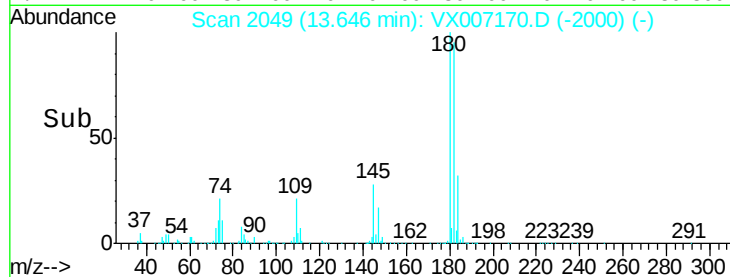
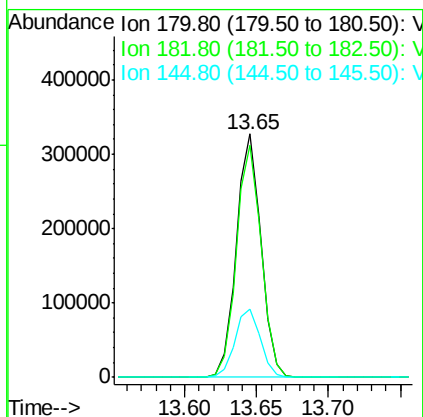
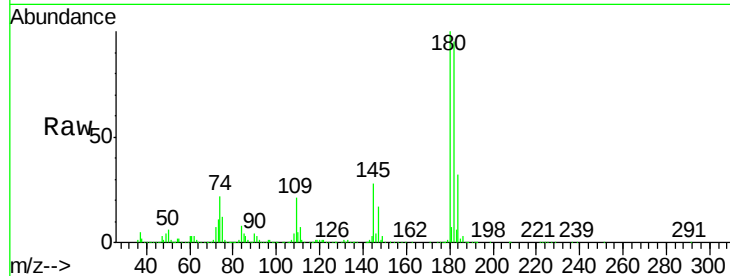




#93
 1,2,4-Trichlorobenzene
 Concen: 47.652 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007170.D
 Acq: 21 Jan 2019 20:13

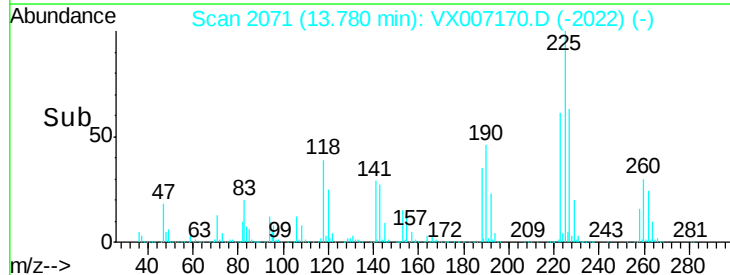
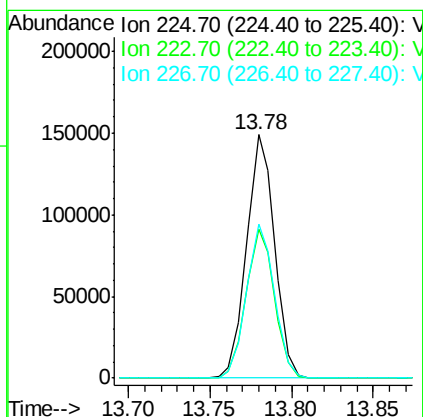
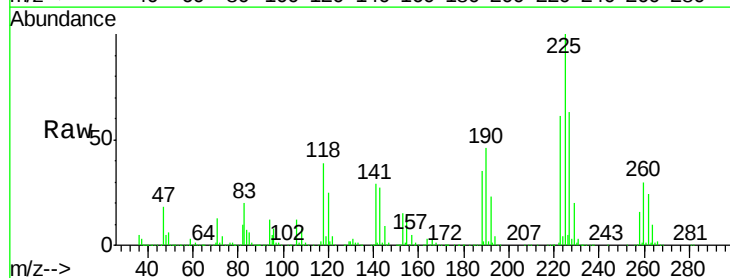
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 389280
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.3 142.0
 145 29.3 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 49.331 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007170.D
 Acq: 21 Jan 2019 20:13

Tgt Ion:225 Resp: 178833
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.1 96.3
 227 63.3 32.3 96.8

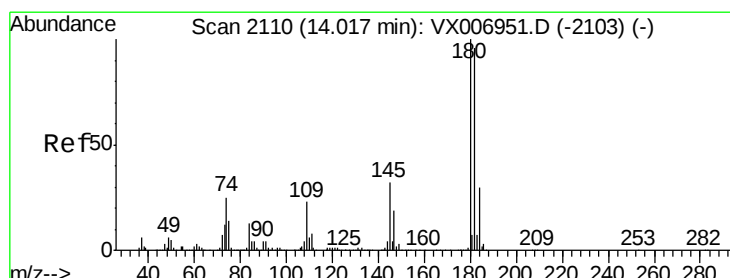
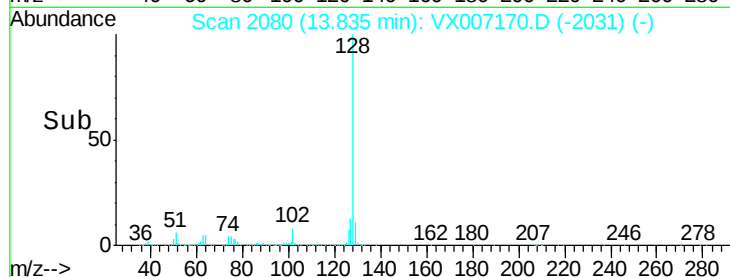
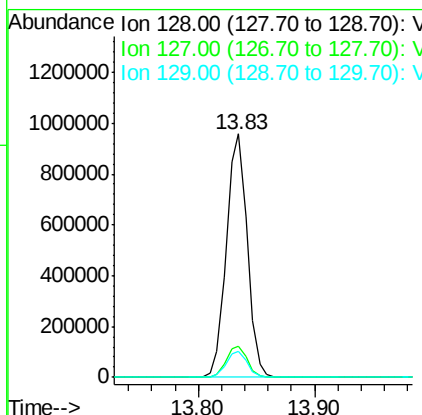
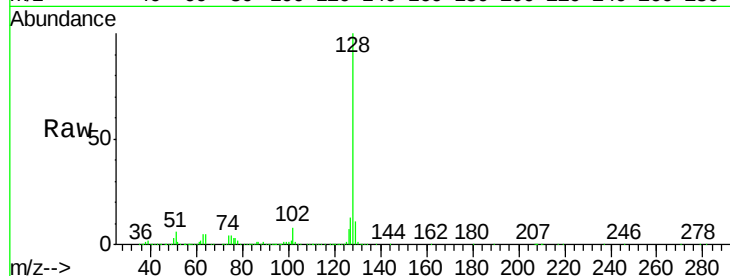




#95
Naphthalene
Concen: 47.948 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1186925
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.673 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007170.D
Acq: 21 Jan 2019 20:13

Tgt Ion:180 Resp: 386867
Ion Ratio Lower Upper
180 100
182 95.6 48.5 145.5
145 30.9 16.0 47.9

