

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007122.D
 Acq On : 18 Jan 2019 06:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 18 07:34:54 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	503921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	752459	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	698275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	358218	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	264109	50.15	ug/l	0.00
Spiked Amount			Recovery	=	100.30%	
35) Dibromofluoromethane	5.50	113	239085	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
50) Toluene-d8	8.71	98	894440	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.13	95	321830	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	197298	47.677	ug/l	99
3) Chloromethane	1.33	50	237072	49.212	ug/l	98
4) Vinyl Chloride	1.41	62	241699	46.641	ug/l	97
5) Bromomethane	1.64	94	220901	39.899	ug/l	95
6) Chloroethane	1.71	64	162000	44.772	ug/l	97
7) Trichlorofluoromethane	1.93	101	390471	46.634	ug/l	98
8) Diethyl Ether	2.19	74	155164	46.580	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	226526	45.189	ug/l	99
10) Methyl Iodide	2.51	142	334067	49.404	ug/l	99
11) Tert butyl alcohol	3.07	59	295917	238.199	ug/l	100
12) 1,1-Dichloroethene	2.37	96	213180	46.029	ug/l	99
13) Acrolein	2.29	56	121226	226.550	ug/l	99
14) Allyl chloride	2.73	41	359504	45.292	ug/l	99
15) Acrylonitrile	3.15	53	704523	247.037	ug/l	100
16) Acetone	2.45	43	604237	232.083	ug/l	98
17) Carbon Disulfide	2.57	76	473413	39.702	ug/l	98
18) Methyl Acetate	2.78	43	399178	52.943	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	774092	48.155	ug/l	100
20) Methylene Chloride	2.86	84	253552	51.216	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	233389	45.220	ug/l	98
22) Diisopropyl ether	3.87	45	723858	48.509	ug/l	95
23) Vinyl Acetate	3.82	43	2968930	235.925	ug/l	100
24) 1,1-Dichloroethane	3.70	63	391986	46.978	ug/l	99
25) 2-Butanone	4.70	43	910908	244.520	ug/l	99
26) 2,2-Dichloropropane	4.59	77	196046	30.555	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	260855	45.821	ug/l	98
28) Bromochloromethane	5.02	49	177288	48.496	ug/l	95
29) Tetrahydrofuran	5.15	42	589228	243.384	ug/l	97
30) Chloroform	5.21	83	426228	48.789	ug/l	100
31) Cyclohexane	5.58	56	336656	45.332	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	351430	47.460	ug/l	97
36) 1,1-Dichloropropene	5.80	75	301623	46.106	ug/l	99
37) Ethyl Acetate	4.85	43	338252	48.228	ug/l	98
38) Carbon Tetrachloride	5.78	117	305790	46.458	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	359754	43.135	ug/l	97
40) Benzene	6.14	78	934810	46.830	ug/l	98
41) Methacrylonitrile	5.06	41	189692	46.949	ug/l	99
42) 1,2-Dichloroethane	6.20	62	318316	46.146	ug/l	99
43) Isopropyl Acetate	6.46	43	547714	49.508	ug/l	98
44) Trichloroethene	7.21	130	271383	45.369	ug/l	94
45) 1,2-Dichloropropane	7.51	63	240014	47.826	ug/l	99
46) Dibromomethane	7.66	93	170504	48.343	ug/l	99
47) Bromodichloromethane	7.90	83	300367	50.033	ug/l	98
48) Methyl methacrylate	7.77	41	283212	49.850	ug/l	98
49) 1,4-Dioxane	7.75	88	129514	998.216	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1822908	256.394	ug/l	99
52) Toluene	8.79	92	611105	47.631	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	312891	47.002	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	346204	47.092	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	263553	51.321	ug/l	99
56) Ethyl methacrylate	9.18	69	385895	51.473	ug/l	96
57) 1,3-Dichloropropane	9.37	76	413612	49.162	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1006242	261.047	ug/l	98
59) 2-Hexanone	9.49	43	1365525	252.032	ug/l	99
60) Dibromochloromethane	9.59	129	265249	53.192	ug/l	98
61) 1,2-Dibromoethane	9.67	107	280928	49.691	ug/l	100
64) Tetrachloroethene	9.34	164	272239	45.032	ug/l	96
65) Chlorobenzene	10.14	112	711907	46.745	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	255871	49.943	ug/l	100
67) Ethyl Benzene	10.25	91	1166679	46.403	ug/l	98
68) m/p-Xylenes	10.36	106	912364	92.105	ug/l	98
69) o-Xylene	10.69	106	458921	47.505	ug/l	99
70) Styrene	10.71	104	739072	48.304	ug/l	99
71) Bromoform	10.86	173	199307	44.098	ug/l	98
73) Isopropylbenzene	11.02	105	1205053	47.707	ug/l	99
74) N-amyl acetate	10.90	43	491473	48.326	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	382780	47.734	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	422861	58.252	ug/l	93
77) Bromobenzene	11.26	156	327967	47.122	ug/l	99
78) n-propylbenzene	11.36	91	1315474	47.440	ug/l	100
79) 2-Chlorotoluene	11.42	91	783523	46.940	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	996302	47.204	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	90118	38.413	ug/l	97
82) 4-Chlorotoluene	11.51	91	907228	46.942	ug/l	99
83) tert-Butylbenzene	11.77	119	1004158	47.685	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1010655	47.618	ug/l	100
85) sec-Butylbenzene	11.94	105	1196012	47.557	ug/l	99
86) p-Isopropyltoluene	12.06	119	1072716	47.686	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	576560	45.832	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	578119	48.507	ug/l	100
89) n-Butylbenzene	12.38	91	901587	47.016	ug/l	99
90) Hexachloroethane	12.60	117	167133	46.741	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	578051	46.562	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	77196	48.675	ug/l	97

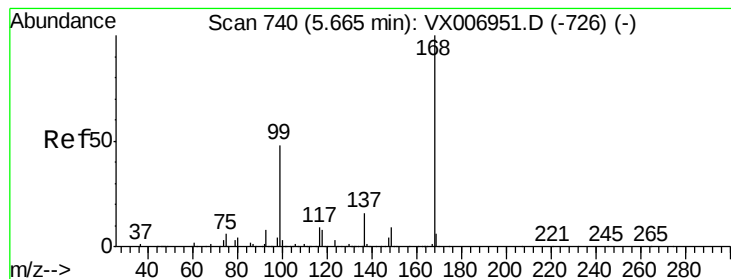
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	399440	46.898	ug/l	100
94) Hexachlorobutadiene	13.78	225	183105	48.445	ug/l	98
95) Naphthalene	13.83	128	1245546	48.260	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	402279	47.545	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

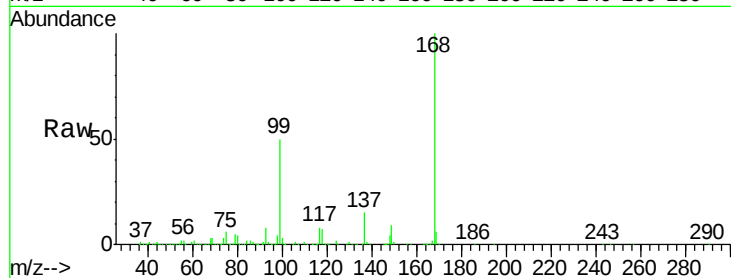
VSTDCCC050EC

Tot Ion:168 Resp: 503921

Ion Ratio Lower Upper

168 100

99 49.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): VX006951.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX006951.D (-726) (-)

5.67

200000

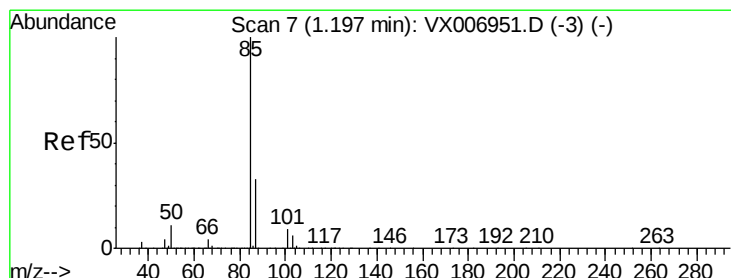
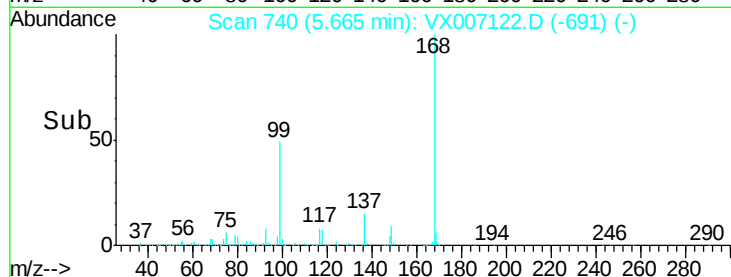
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.677 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007122.D

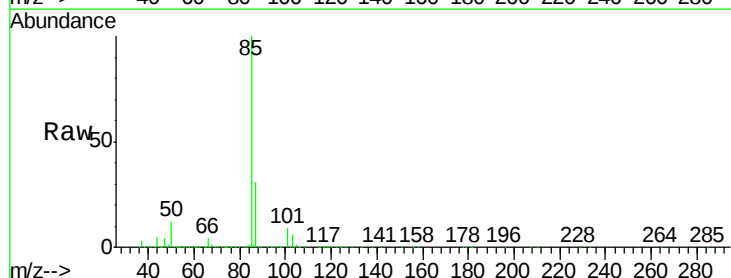
Acq: 18 Jan 2019 06:55

Tgt Ion: 85 Resp: 197298

Ion Ratio Lower Upper

85 100

87 31.1 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX006951.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX006951.D (-3) (-)

1.20

200000

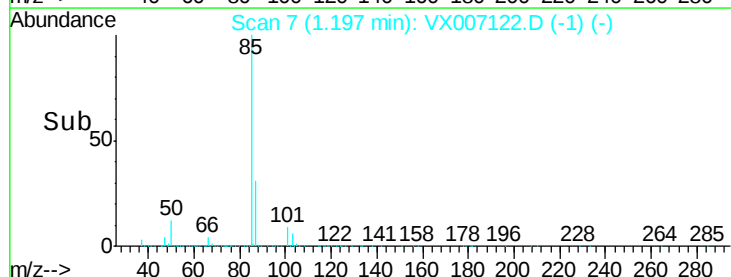
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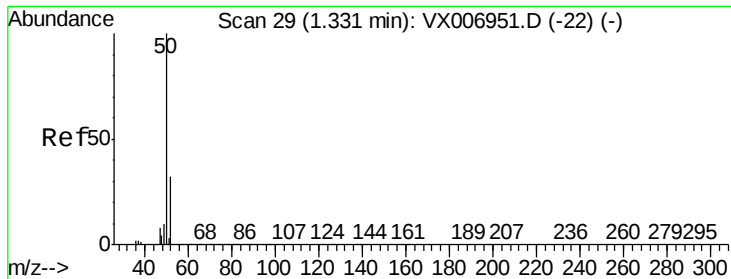
100000

50000

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Time-->

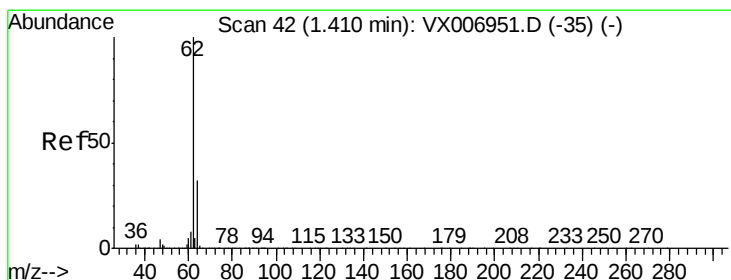
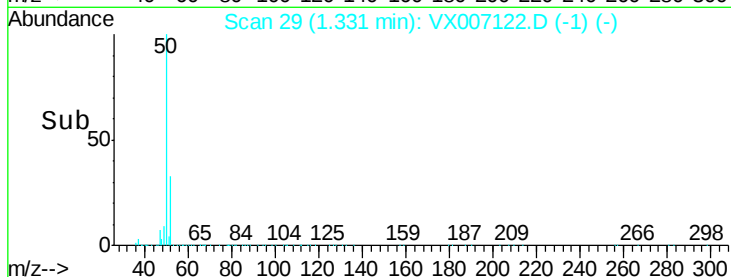
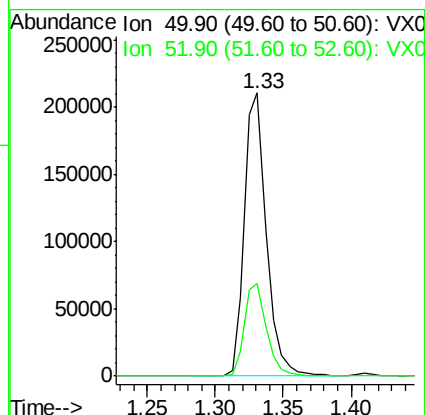
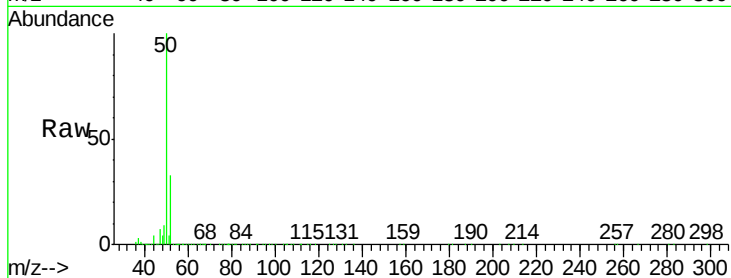




#3
Chloromethane
Concen: 49.212 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

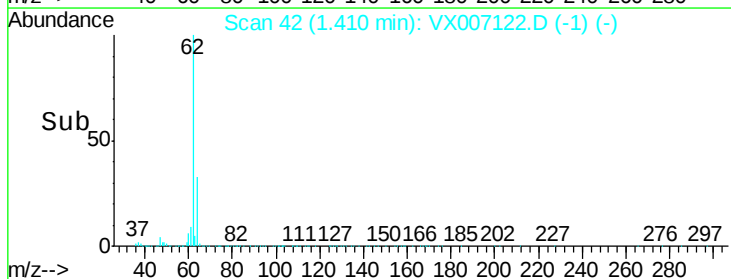
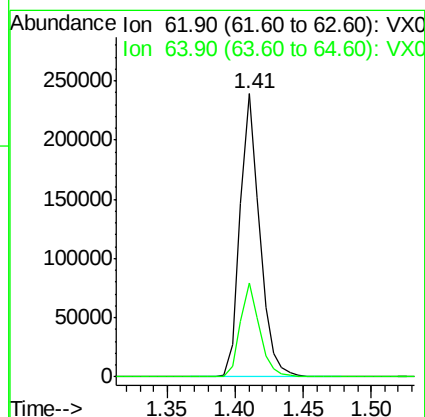
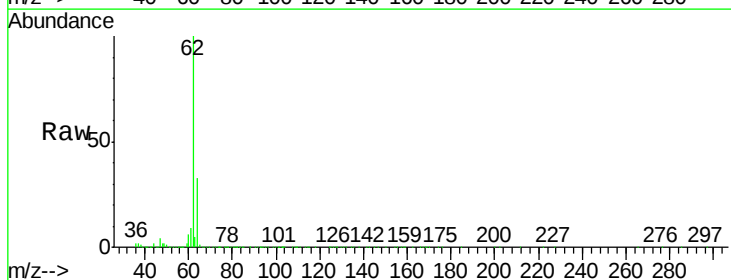
Instrument :
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ClientSampleId :
VSTDCCC050EC

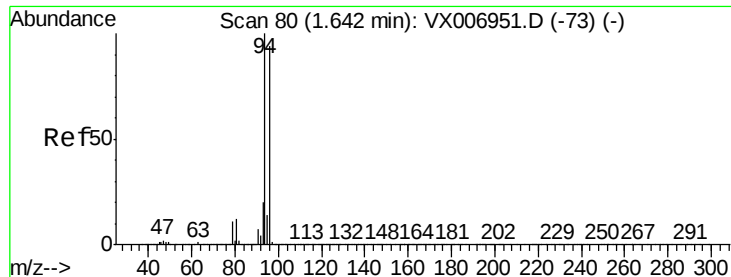
Tot Ion: 50 Resp: 237072
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.2



#4
Vinyl Chloride
Concen: 46.641 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion: 62 Resp: 241699
Ion Ratio Lower Upper
62 100
64 33.1 25.1 37.7





#5

Bromomethane

Concen: 39.899 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

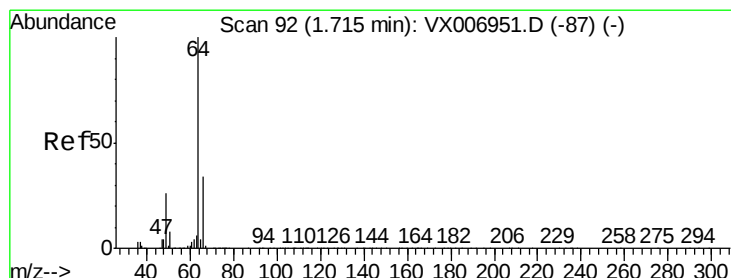
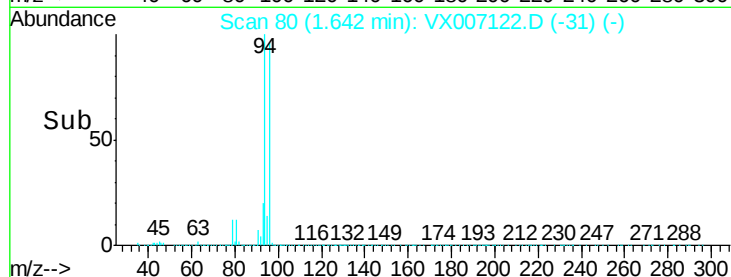
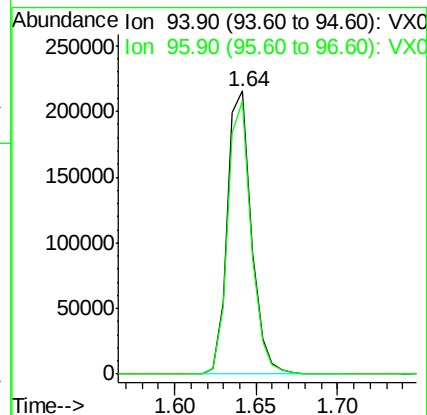
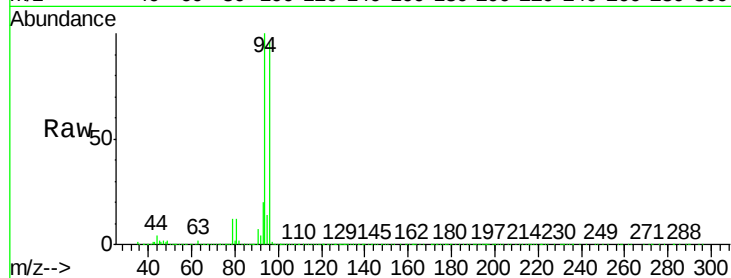
VSTDCCC050EC

Tot Ion: 94 Resp: 220901

Ion Ratio Lower Upper

94 100

96 96.4 73.4 110.2



#6

Chloroethane

Concen: 44.772 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX007122.D

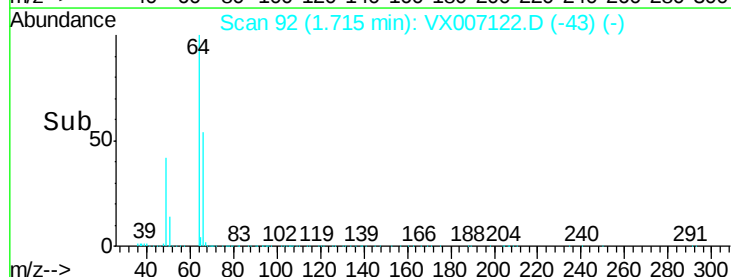
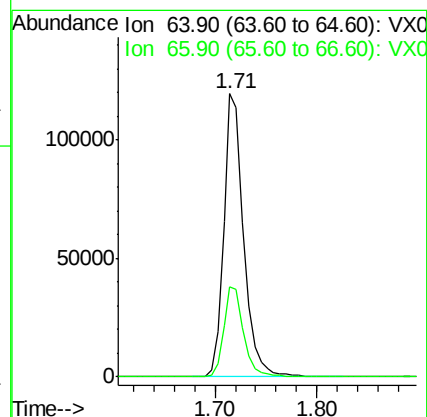
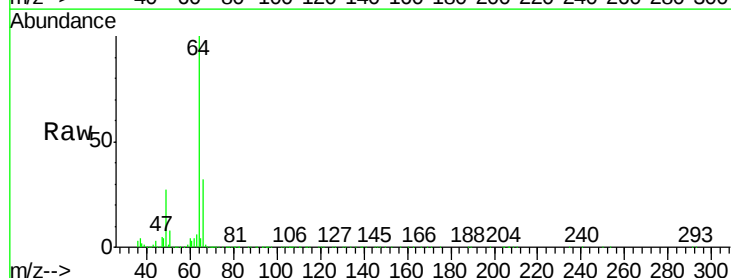
Acq: 18 Jan 2019 06:55

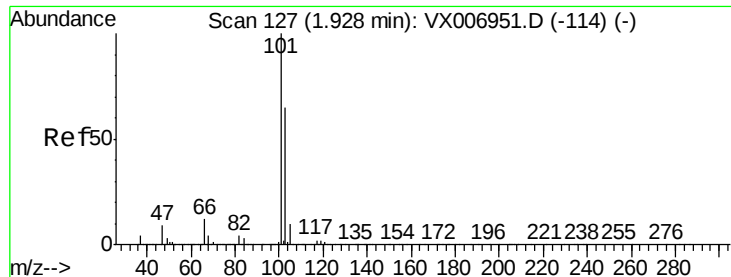
Tgt Ion: 64 Resp: 162000

Ion Ratio Lower Upper

64 100

66 31.6 26.4 39.6



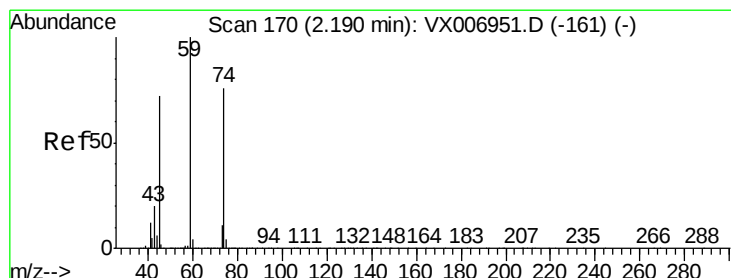
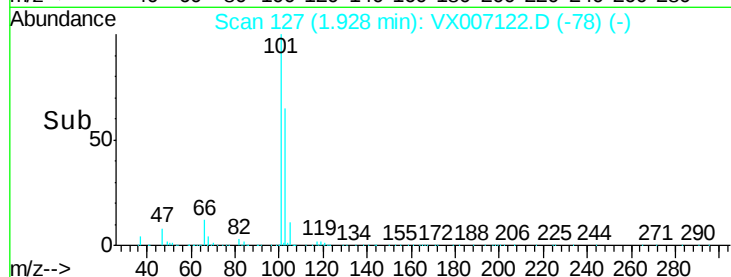
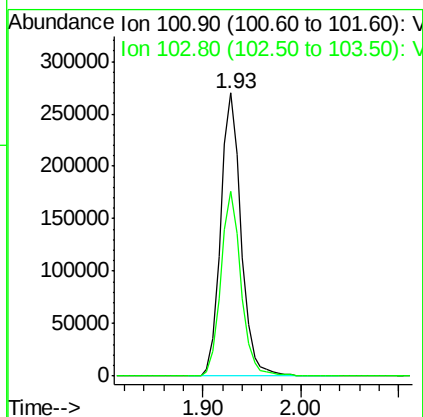
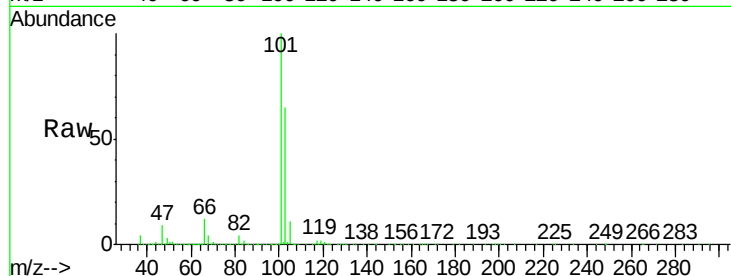


#7

Trichlorofluoromethane
Concen: 46.634 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Instrument :
MSVOA_X
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VSTDCCC050EC

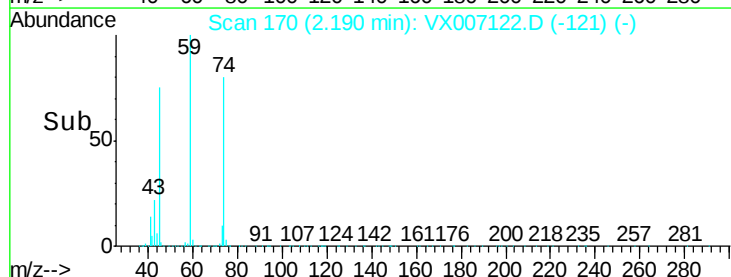
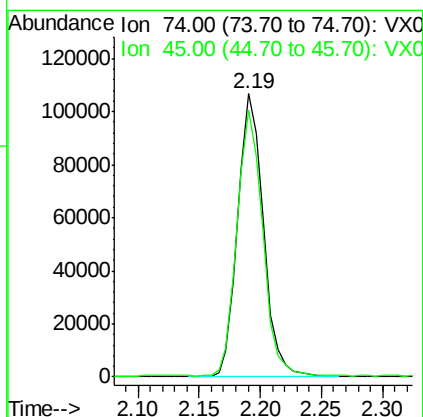
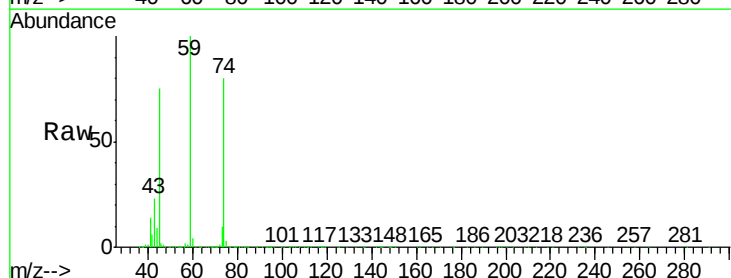
Tot Ion:101 Resp: 390471
Ion Ratio Lower Upper
101 100
103 65.2 53.2 79.8

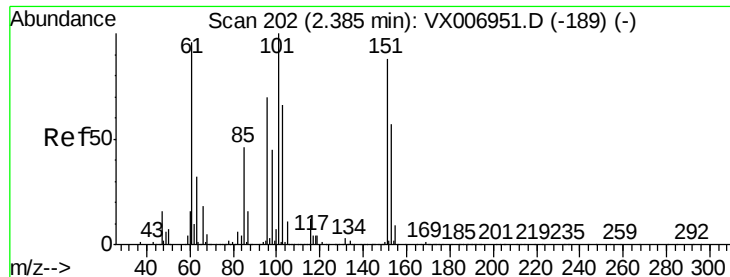


#8

Diethyl Ether
Concen: 46.580 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion: 74 Resp: 155164
Ion Ratio Lower Upper
74 100
45 93.8 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.189 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

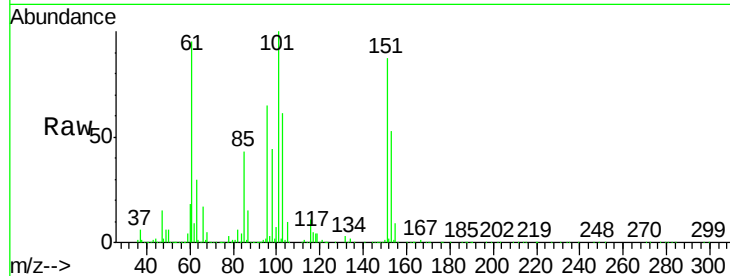
Tot Ion:101 Resp: 226526

Ion Ratio Lower Upper

101 100

85 44.2 35.1 52.7

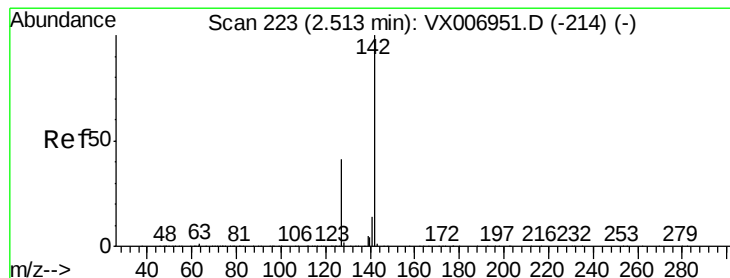
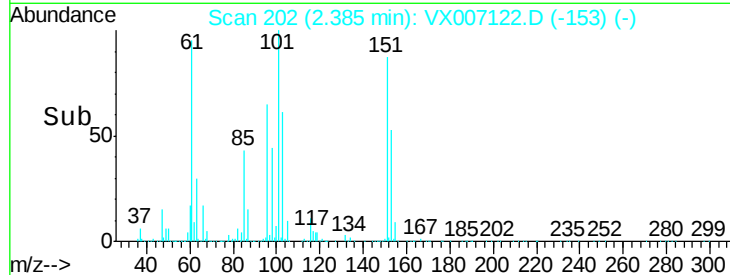
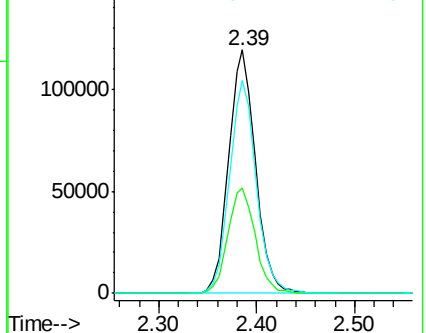
151 87.4 68.9 103.3



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: 49.404 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

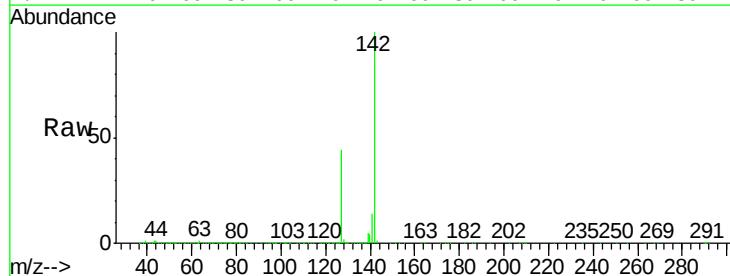
Tgt Ion:142 Resp: 334067

Ion Ratio Lower Upper

142 100

127 43.0 33.9 50.9

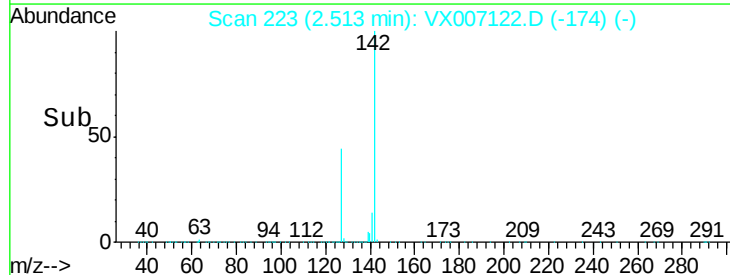
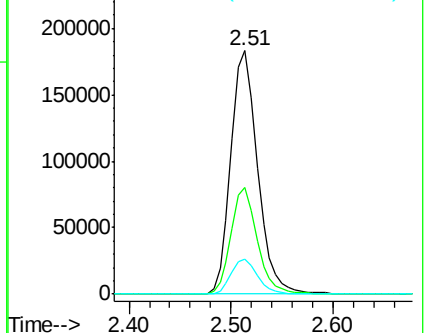
141 14.3 11.4 17.0

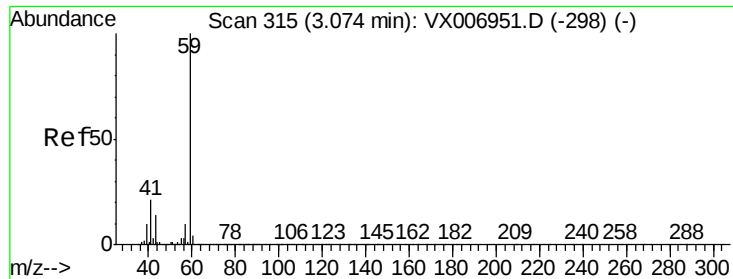


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



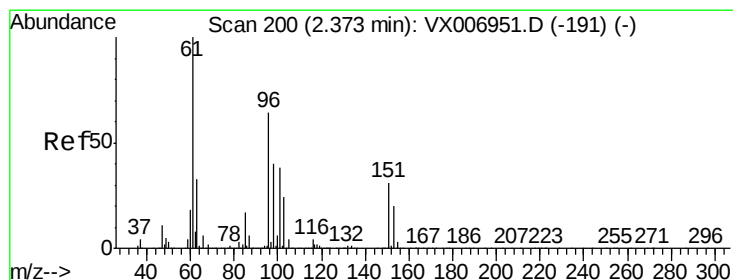
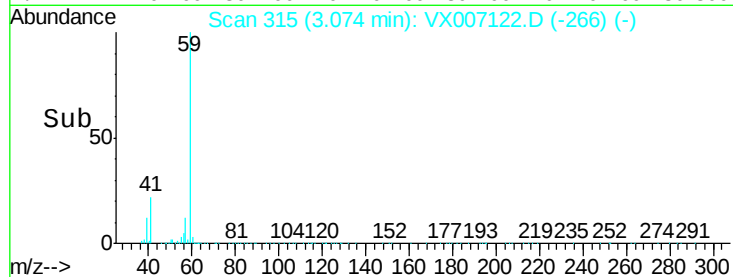
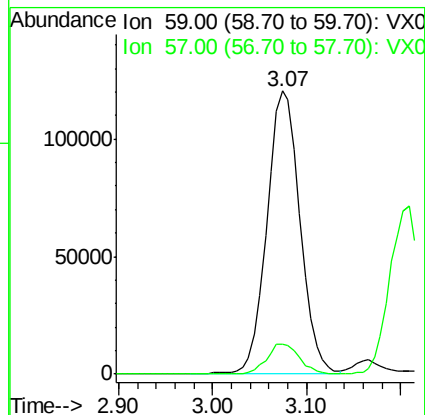
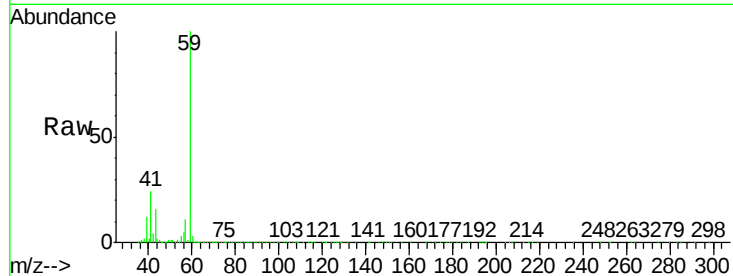


#11

Tert butyl alcohol
Concen: 238.199 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

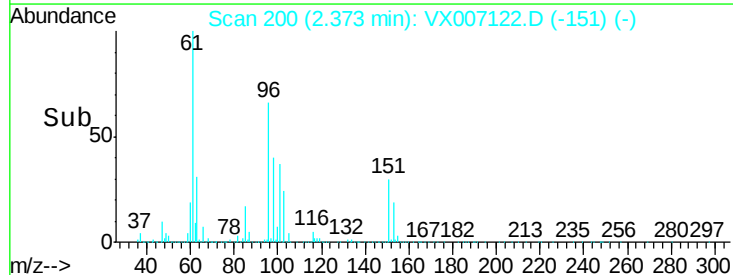
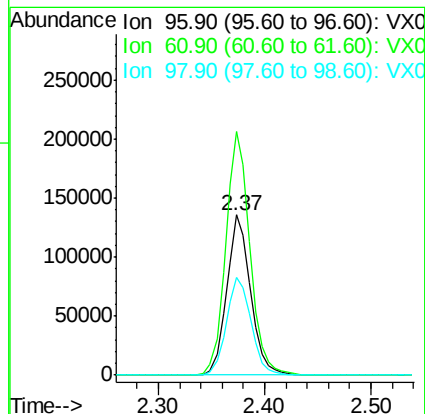
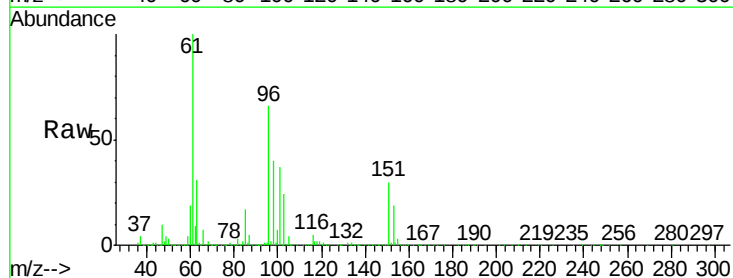
Tot Ion: 59 Resp: 295917
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

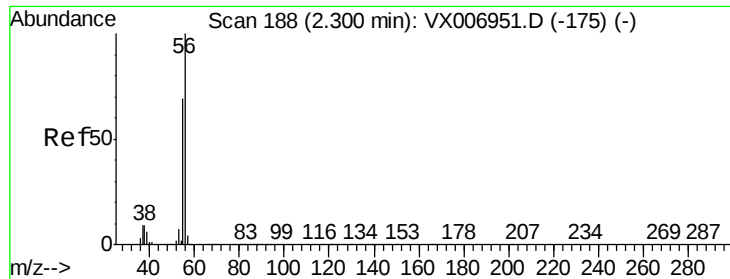


#12

1,1-Dichloroethene
Concen: 46.029 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion: 96 Resp: 213180
Ion Ratio Lower Upper
96 100
61 151.8 121.4 182.2
98 61.1 51.9 77.9

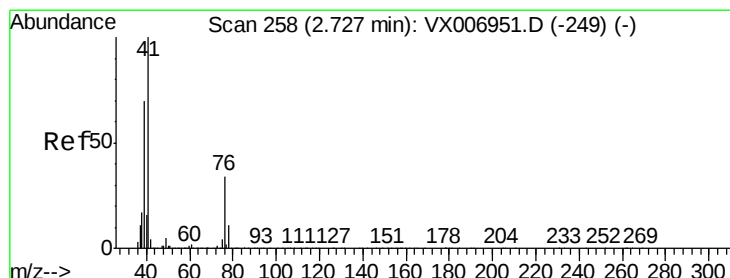
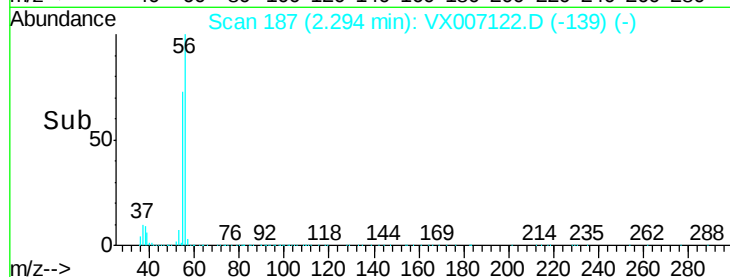
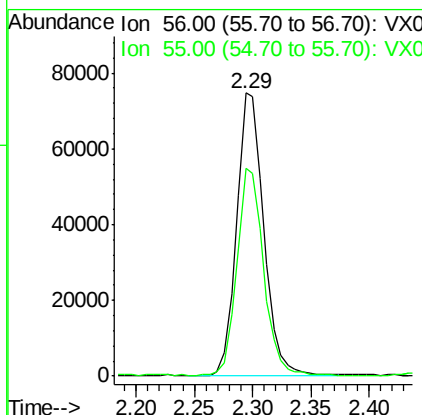
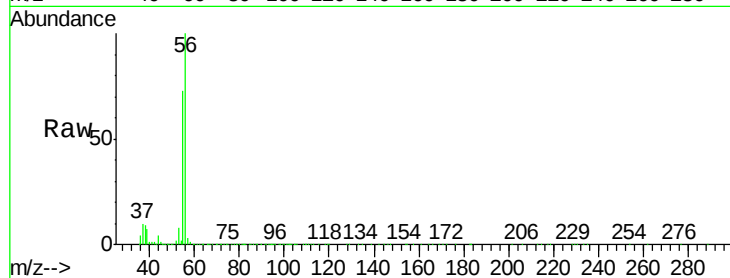




#13
Acrolein
Concen: 226.550 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

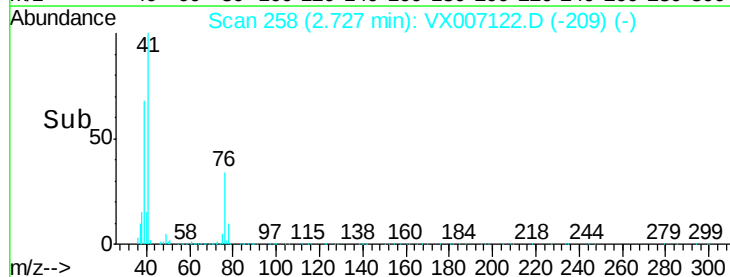
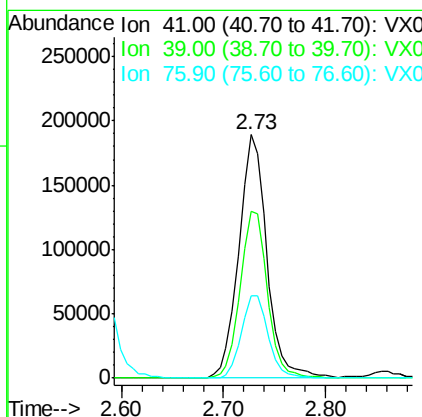
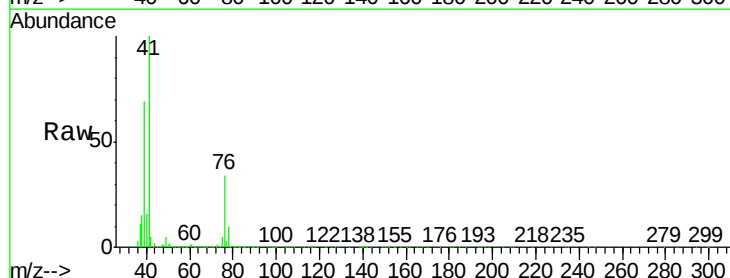
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

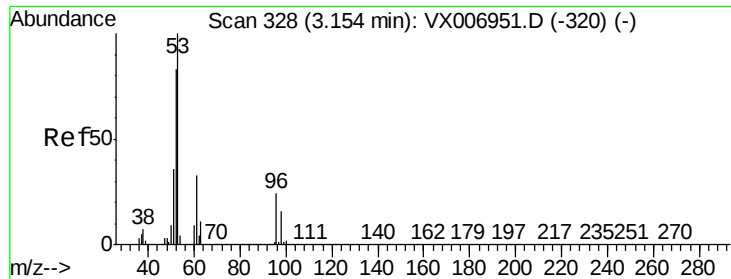
Tot Ion: 56 Resp: 121226
Ion Ratio Lower Upper
56 100
55 71.9 58.2 87.4



#14
Allyl chloride
Concen: 45.292 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion: 41 Resp: 359504
Ion Ratio Lower Upper
41 100
39 66.5 53.6 80.4
76 32.5 27.4 41.2





#15

Acrylonitrile

Concen: 247.037 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

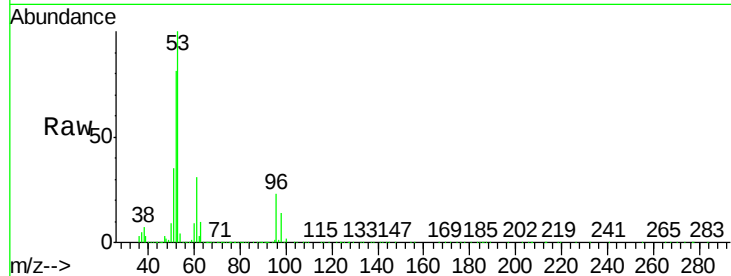
Tot Ion: 53 Resp: 704523

Ion Ratio Lower Upper

53 100

52 82.1 66.0 99.0

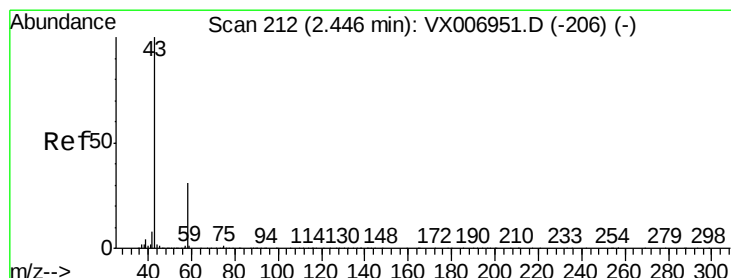
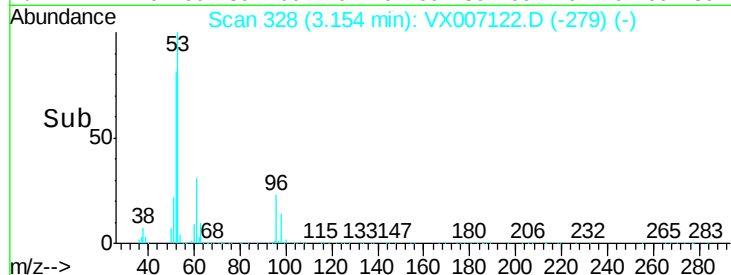
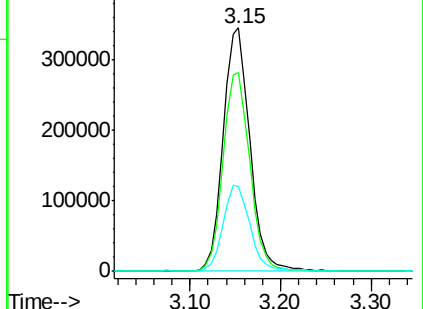
51 35.8 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 232.083 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007122.D

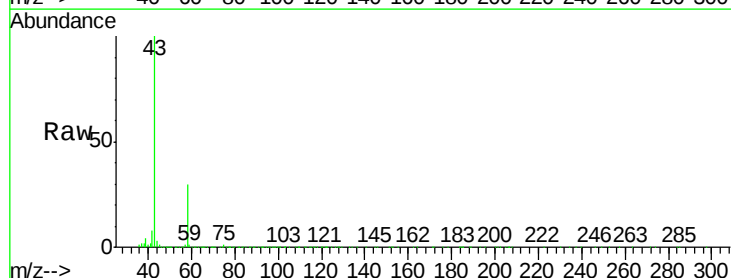
Acq: 18 Jan 2019 06:55

Tgt Ion: 43 Resp: 604237

Ion Ratio Lower Upper

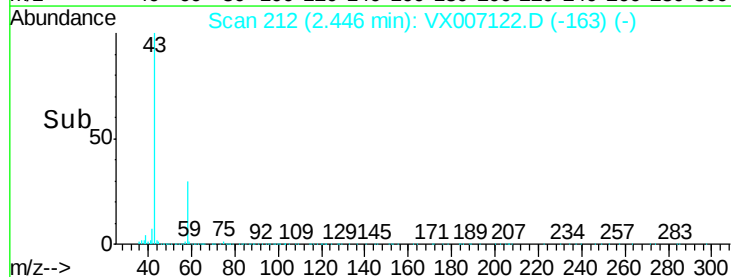
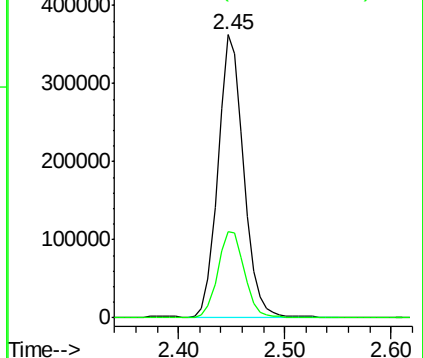
43 100

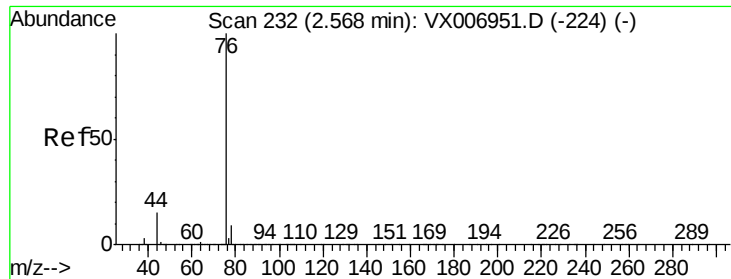
58 30.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 39.702 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

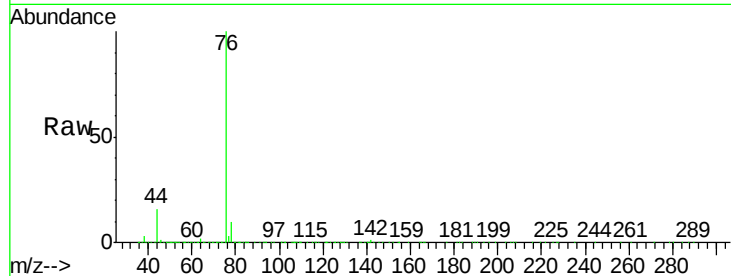
VSTDCCC050EC

Tot Ion: 76 Resp: 473413

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

300000

250000

200000

150000

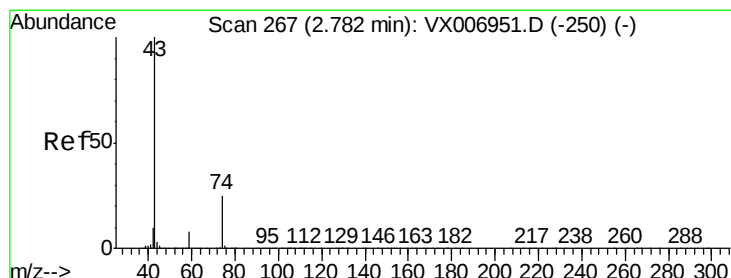
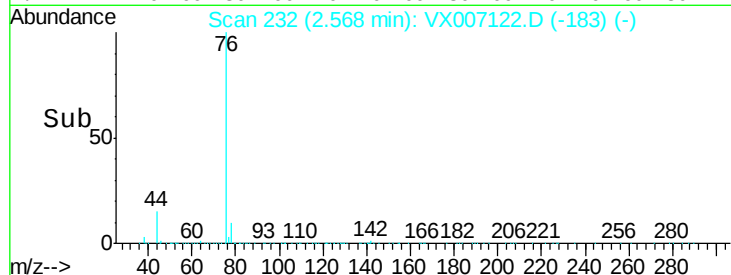
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 52.943 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007122.D

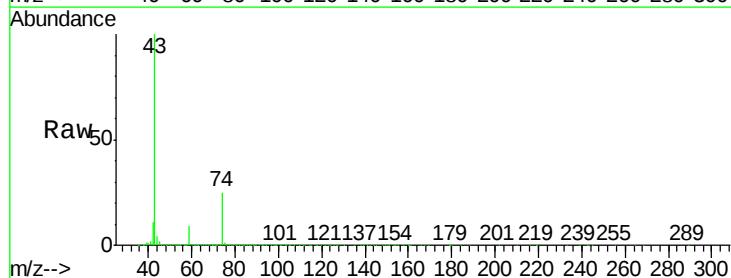
Acq: 18 Jan 2019 06:55

Tgt Ion: 43 Resp: 399178

Ion Ratio Lower Upper

43 100

74 24.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

250000

200000

150000

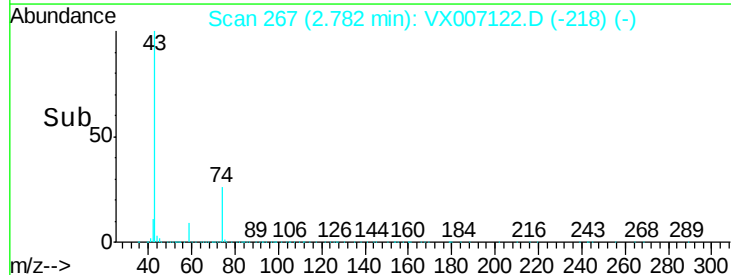
100000

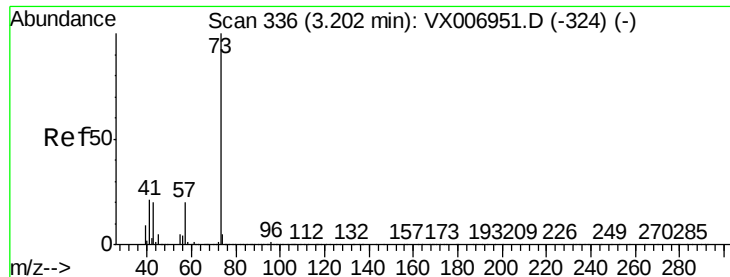
50000

0

2.70 2.75 2.80 2.85

Time-->



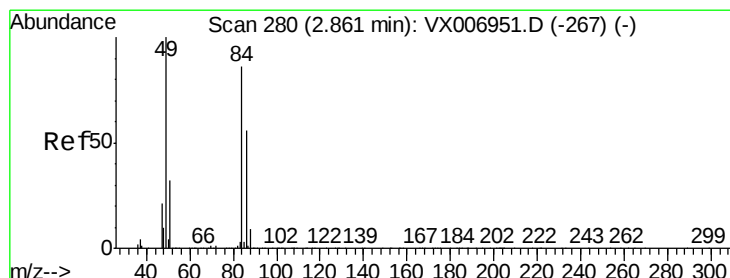
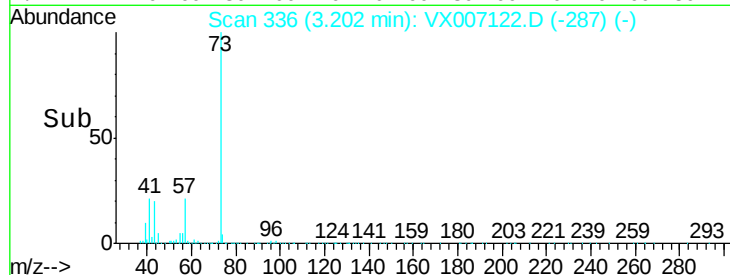
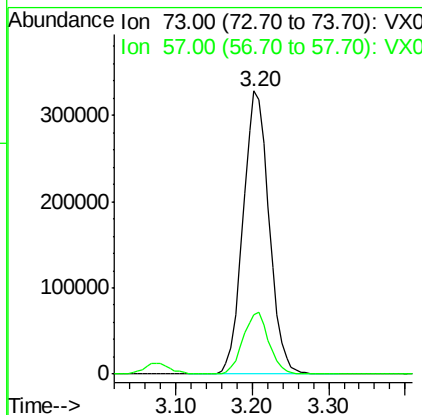
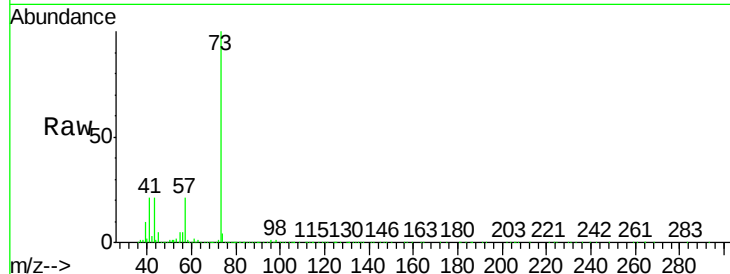


#19

Methyl tert-butyl Ether
 Concen: 48.155 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

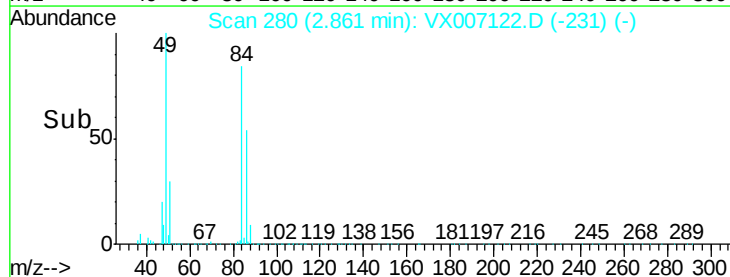
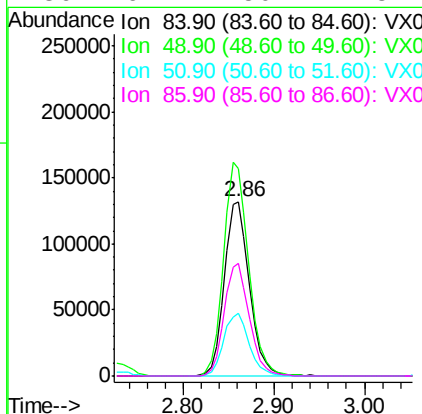
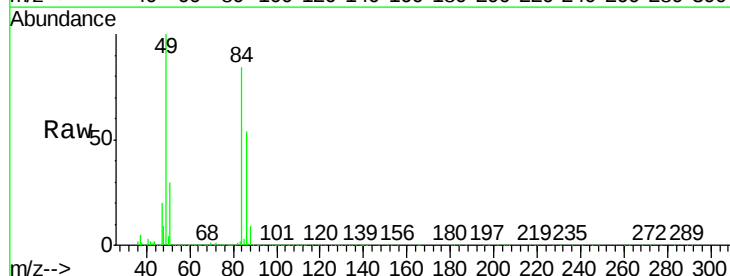
Tot Ion: 73 Resp: 774092
 Ion Ratio Lower Upper
 73 100
 57 21.1 16.8 25.2

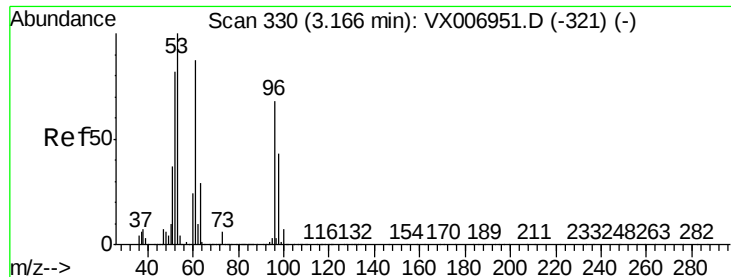


#20

Methylene Chloride
 Concen: 51.216 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Tgt Ion: 84 Resp: 253552
 Ion Ratio Lower Upper
 84 100
 49 118.9 91.8 137.6
 51 35.8 28.5 42.7
 86 64.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 45.220 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

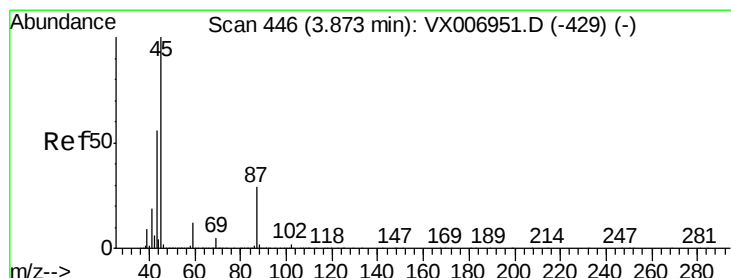
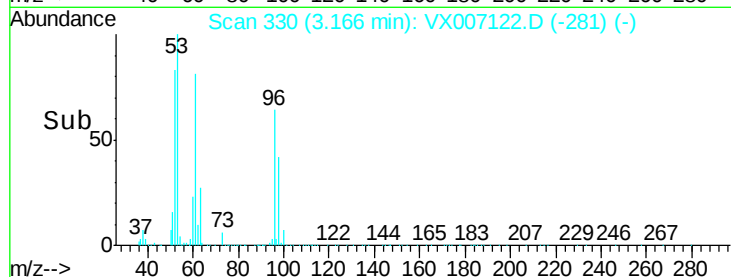
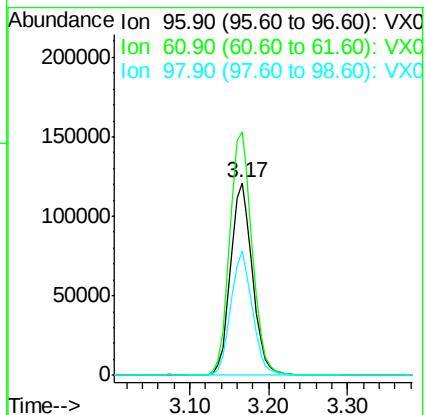
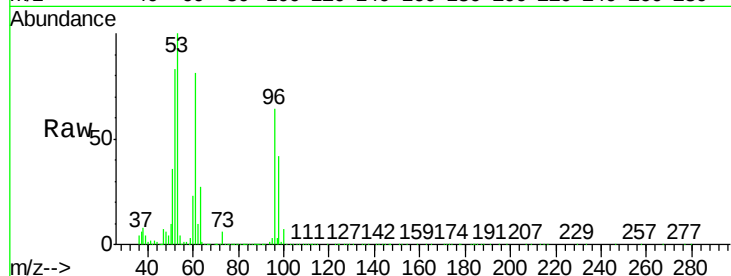
Tot Ion: 96 Resp: 233389

Ion Ratio Lower Upper

96 100

61 126.0 103.7 155.5

98 64.4 51.0 76.6



#22

Diisopropyl ether

Concen: 48.509 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Tgt Ion: 45 Resp: 723858

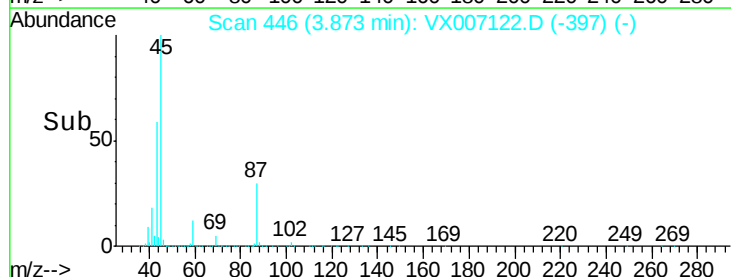
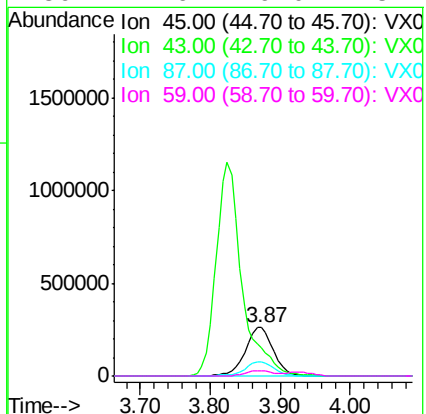
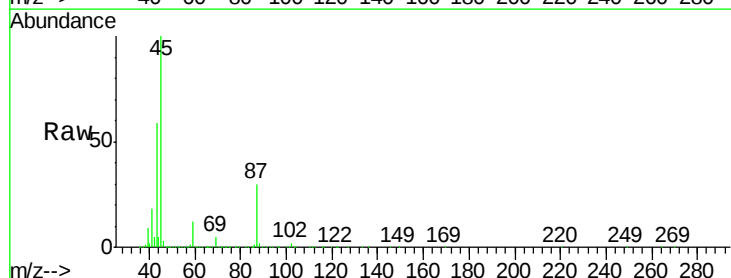
Ion Ratio Lower Upper

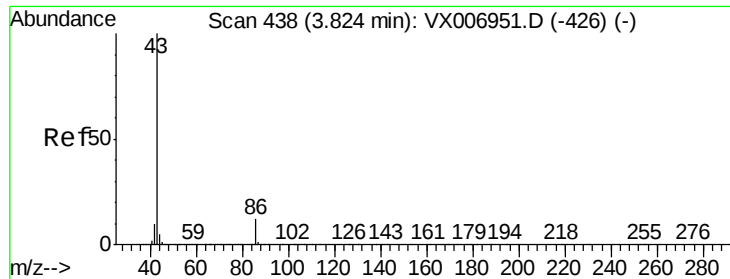
45 100

43 58.8 51.2 76.8

87 30.1 25.8 38.6

59 11.6 9.0 13.4





#23

Vinyl Acetate

Concen: 235.925 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

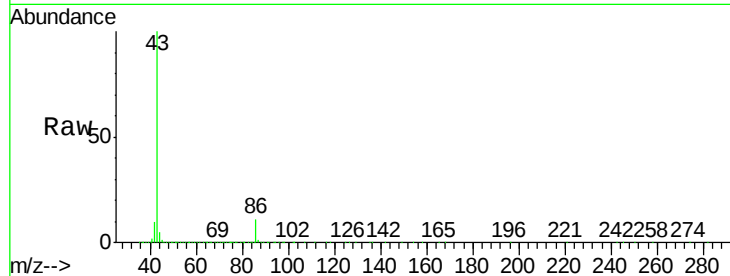
VSTDCCC050EC

Tot Ion: 43 Resp: 2968930

Ion Ratio Lower Upper

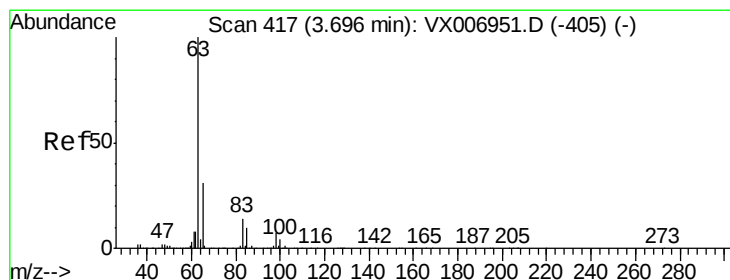
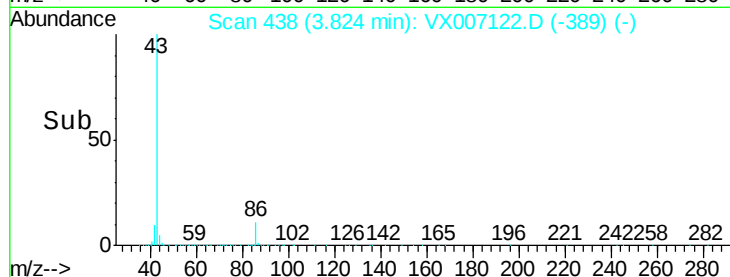
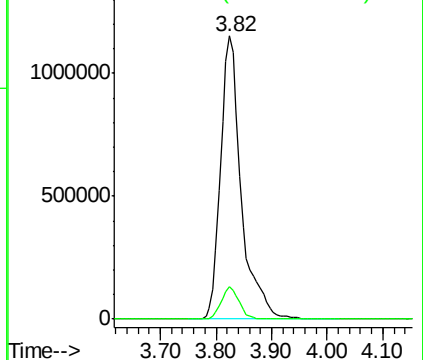
43 100

86 11.3 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.978 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

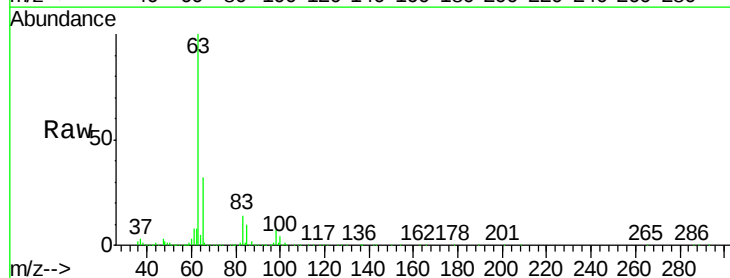
Tgt Ion: 63 Resp: 391986

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

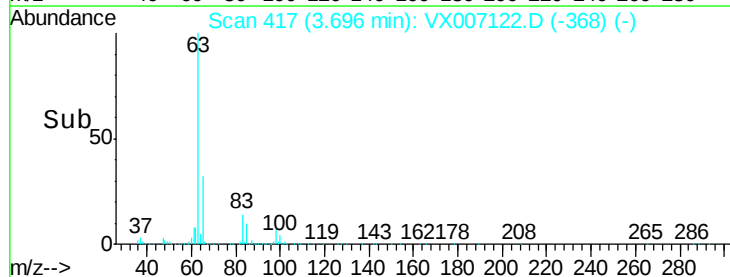
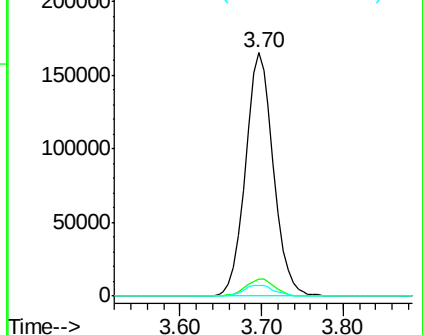
100 4.4 2.4 7.2

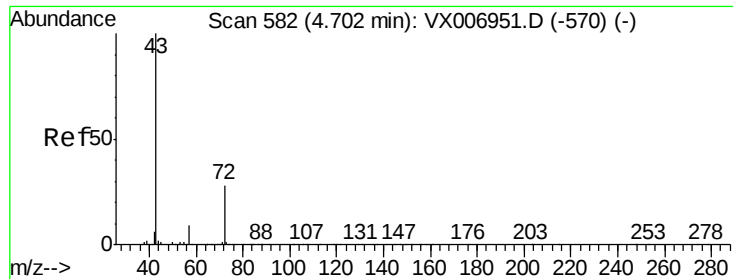


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 244.520 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

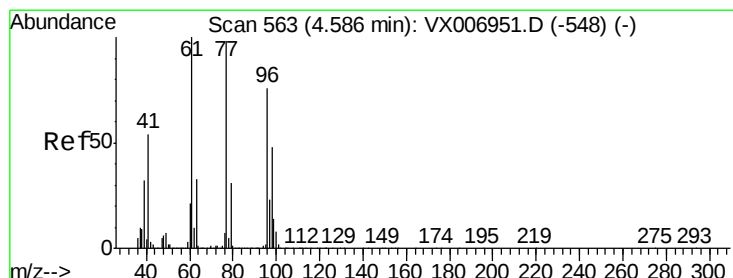
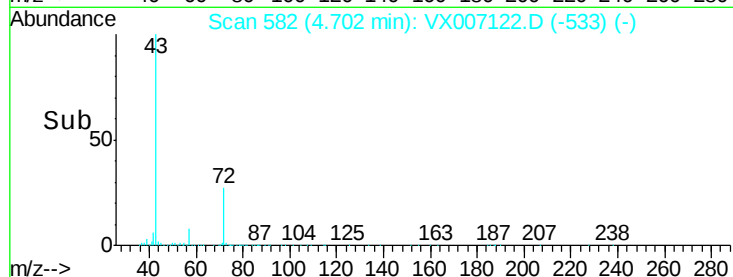
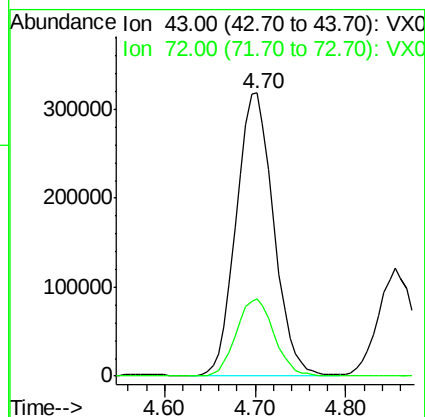
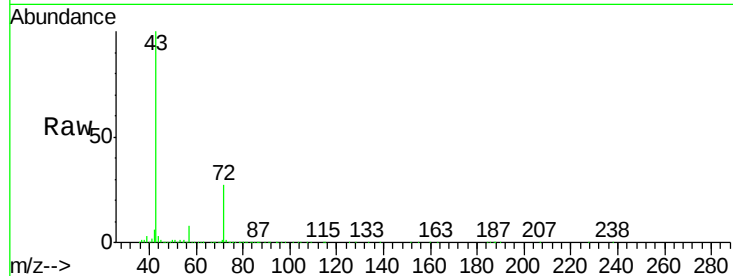
VSTDCCC050EC

Tot Ion: 43 Resp: 910908

Ion Ratio Lower Upper

43 100

72 27.3 22.4 33.6



#26

2,2-Dichloropropane

Concen: 30.555 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007122.D

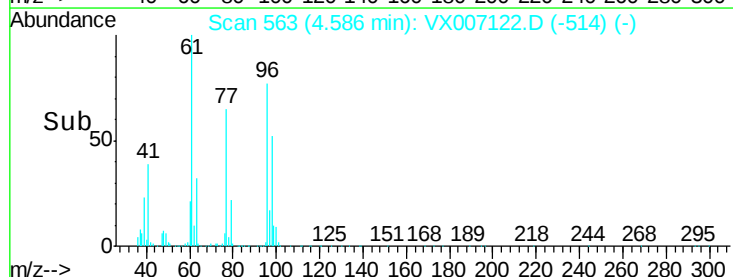
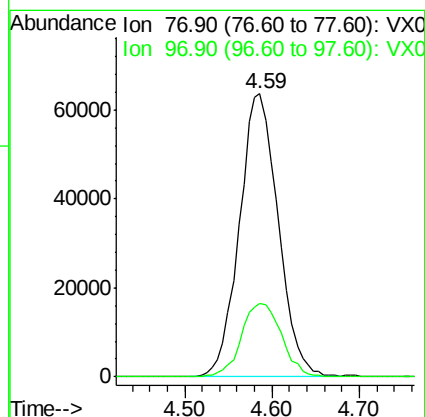
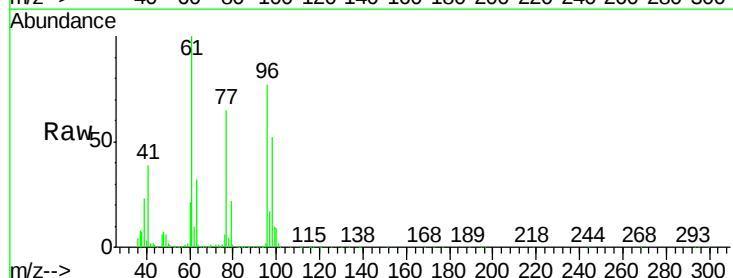
Acq: 18 Jan 2019 06:55

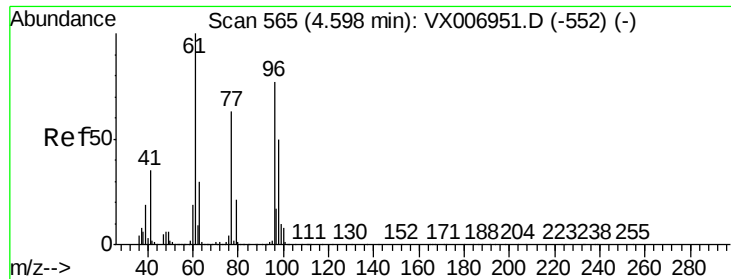
Tgt Ion: 77 Resp: 196046

Ion Ratio Lower Upper

77 100

97 27.0 12.4 37.4



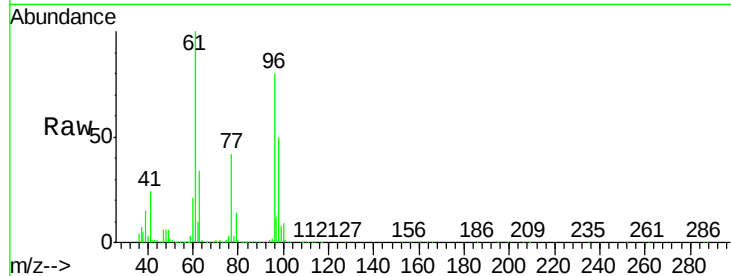


#27

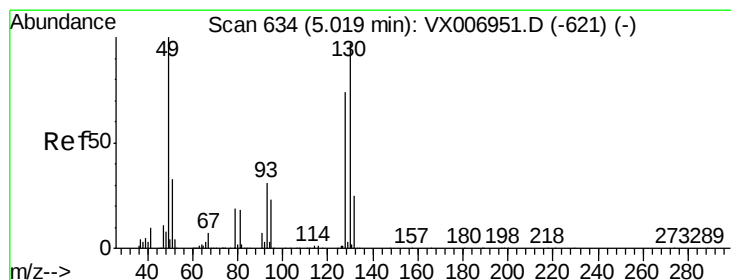
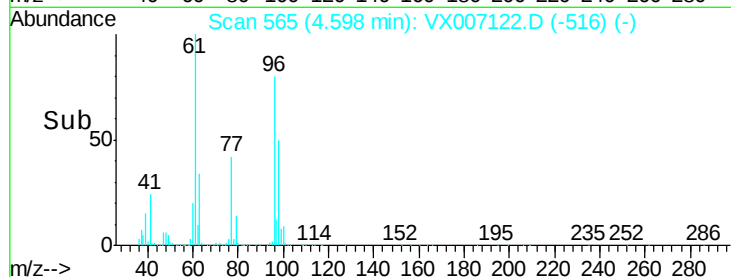
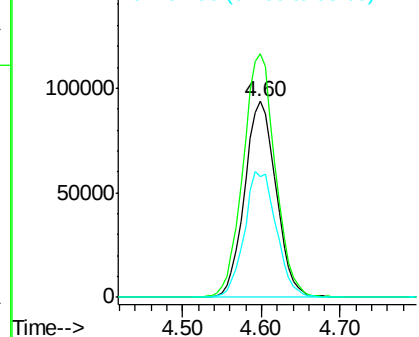
cis-1,2-Dichloroethene
Concen: 45.821 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.3	0.0	258.6
98	64.9	0.0	132.0



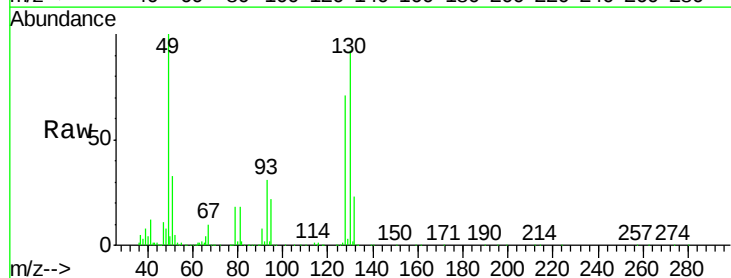
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



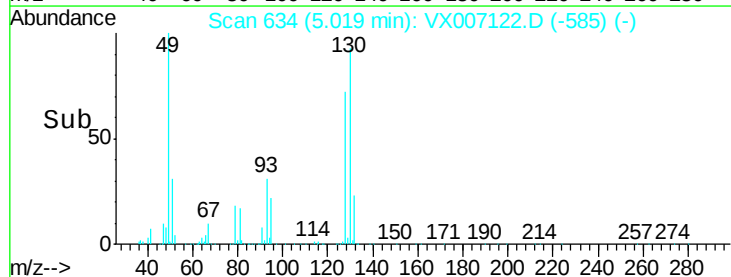
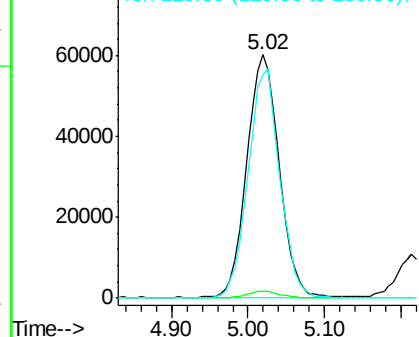
#28

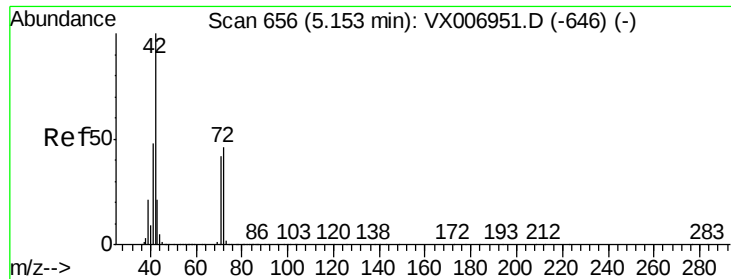
Bromochloromethane
Concen: 48.496 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.4
130	92.5	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

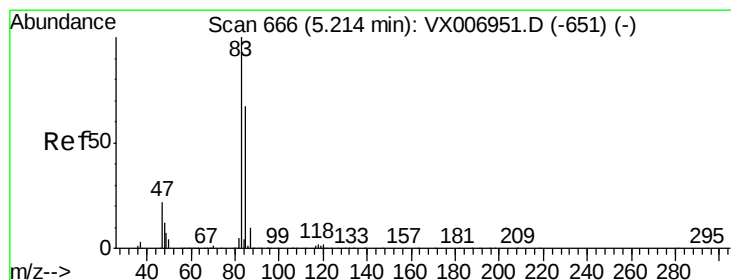
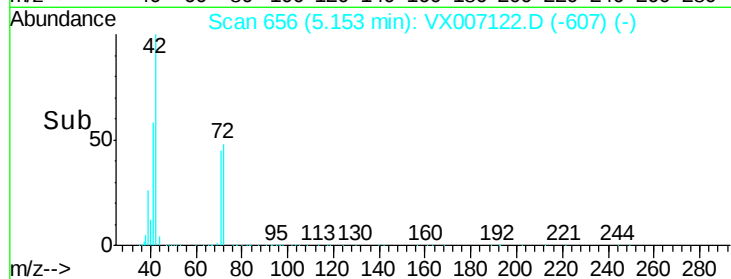
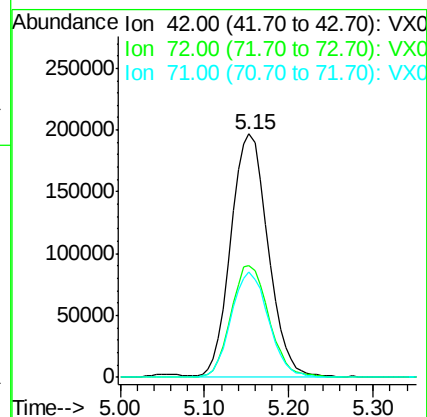
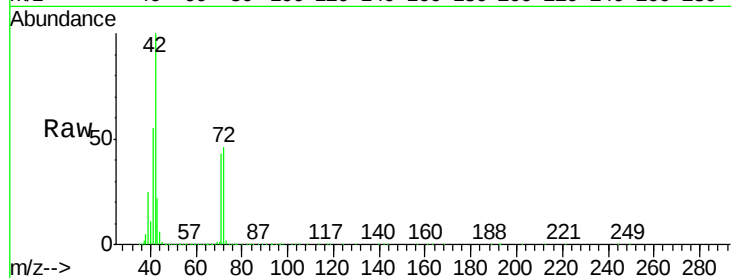




#29
Tetrahydrofuran
Concen: 243.384 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

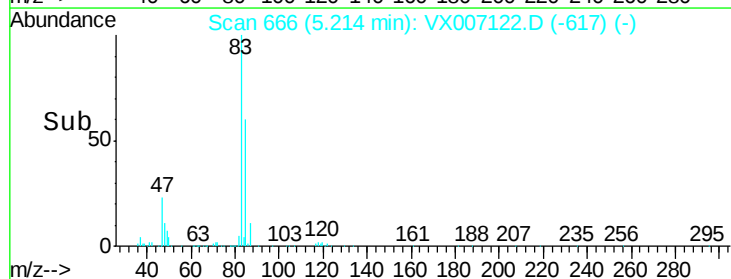
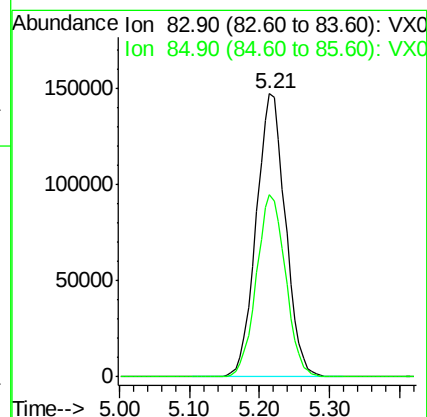
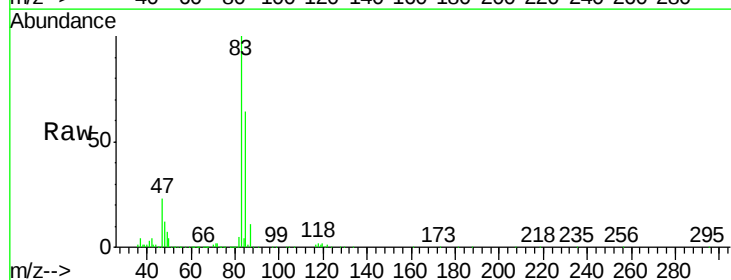
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

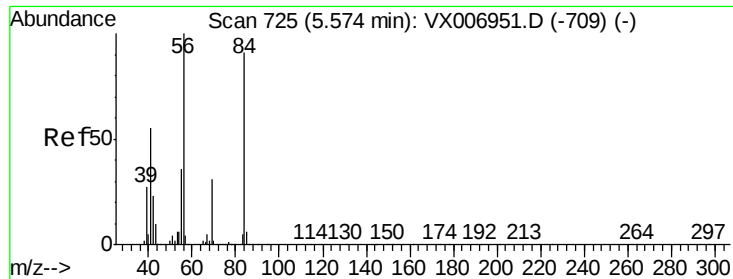
Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	38.9	58.3
71	43.5	36.2	54.4



#30
Chloroform
Concen: 48.789 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.2	76.8





#31

Cyclohexane

Concen: 45.332 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

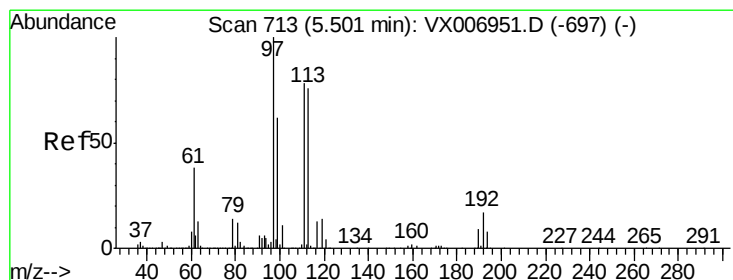
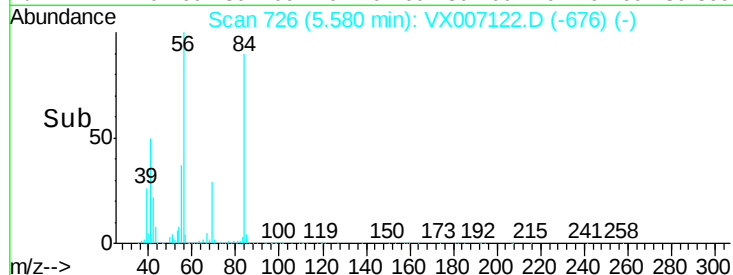
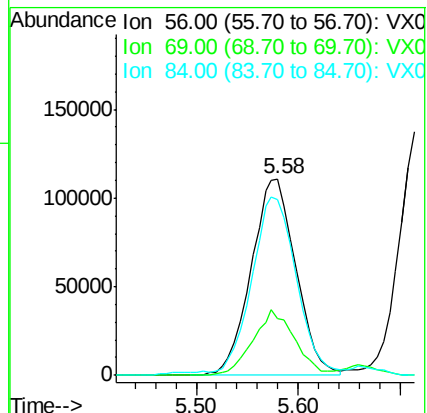
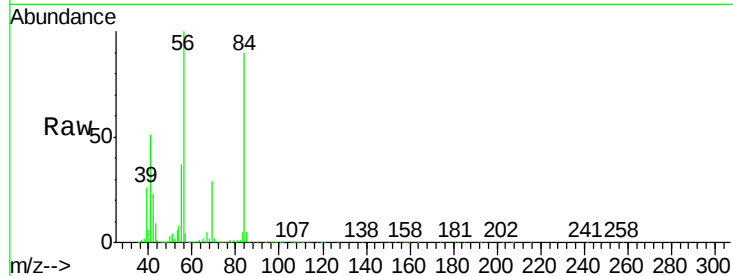
Tot Ion: 56 Resp: 336656

Ion Ratio Lower Upper

56 100

69 28.9 24.4 36.6

84 88.3 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 47.460 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

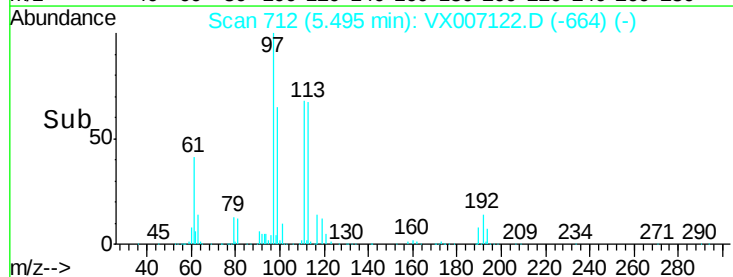
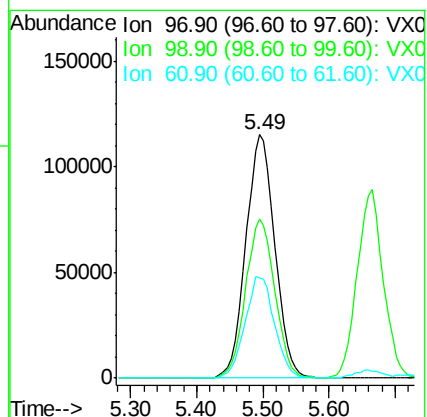
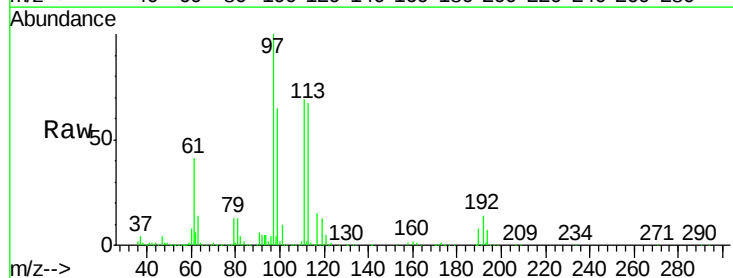
Tgt Ion: 97 Resp: 351430

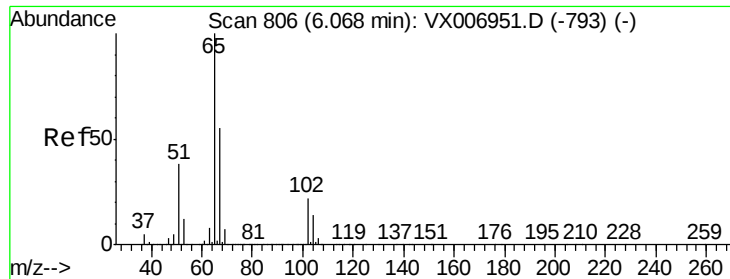
Ion Ratio Lower Upper

97 100

99 65.5 51.7 77.5

61 42.3 31.3 46.9

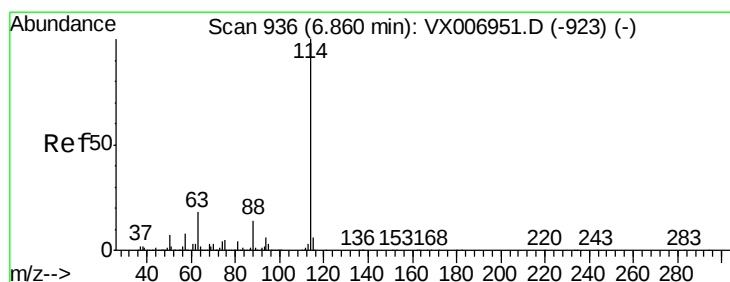
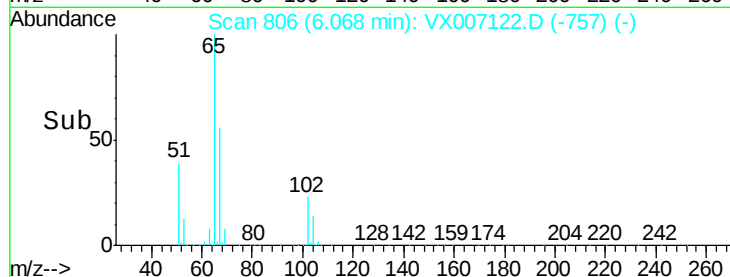
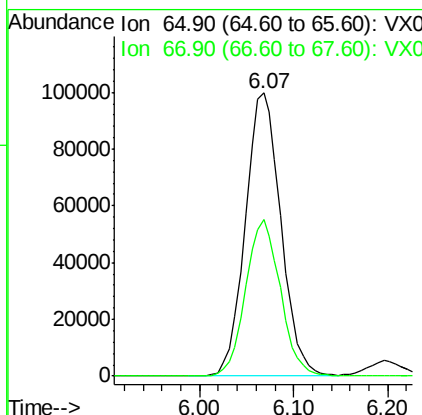
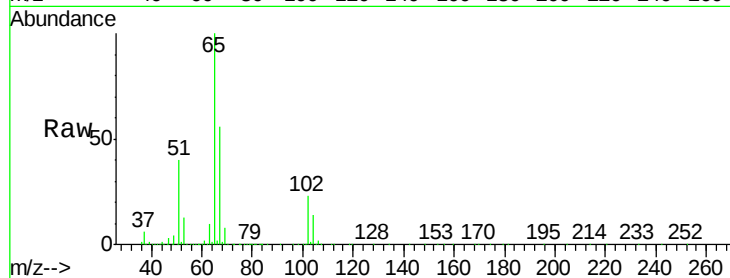




#33
 1,2-Dichloroethane-d4
 Concen: 50.150 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

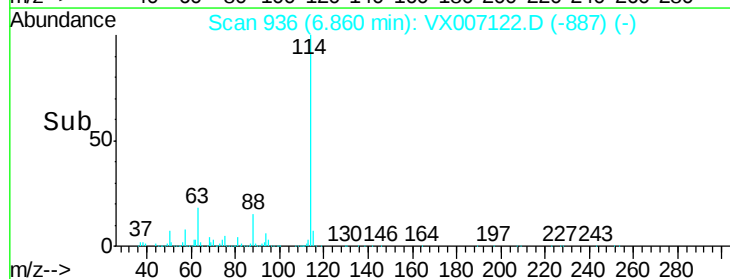
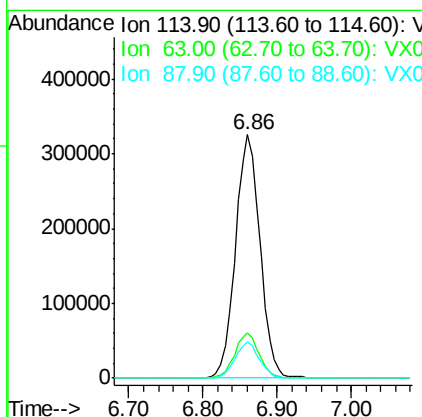
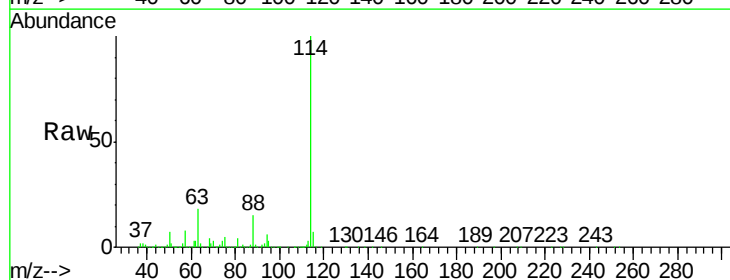
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

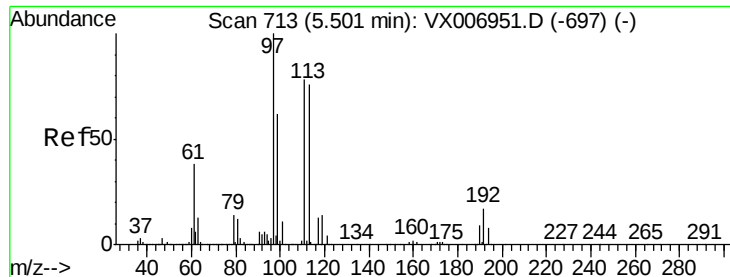
Tot Ion: 65 Resp: 264109
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Tgt Ion: 114 Resp: 752459
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.8
 88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.616 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

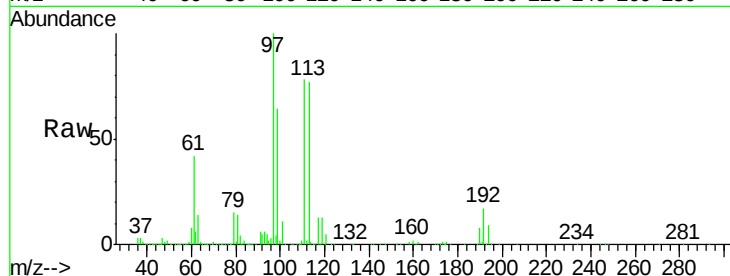
Tot Ion:113 Resp: 239085

Ion Ratio Lower Upper

113 100

111 103.4 81.6 122.4

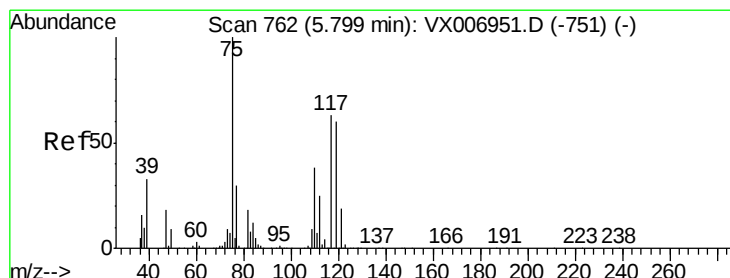
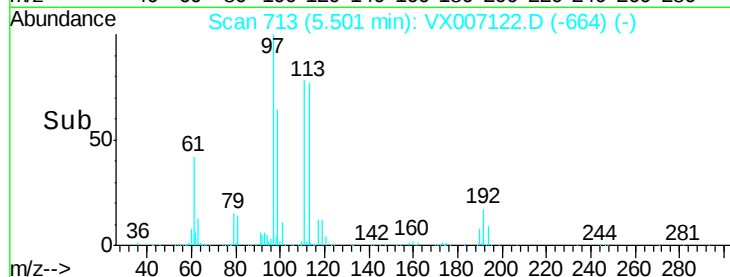
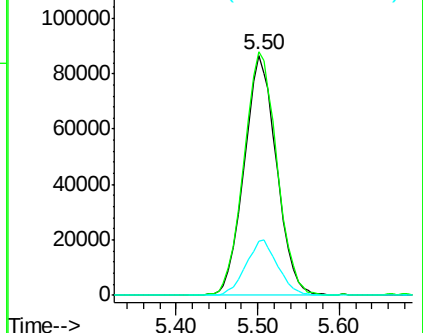
192 22.8 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.106 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

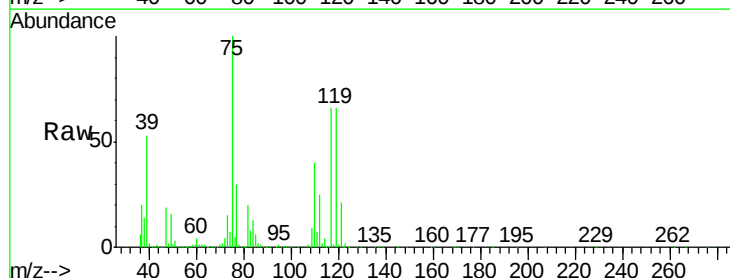
Tgt Ion: 75 Resp: 301623

Ion Ratio Lower Upper

75 100

110 39.3 20.2 60.5

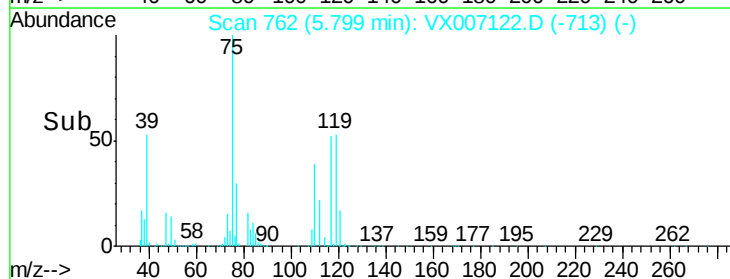
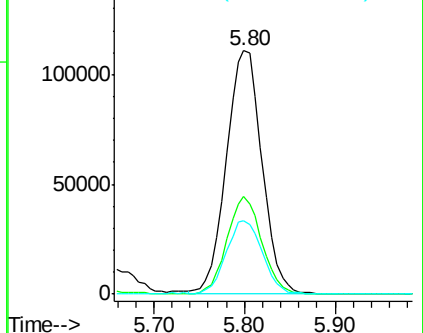
77 30.5 24.8 37.2

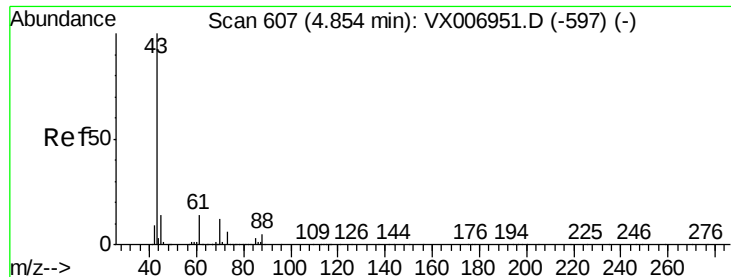


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

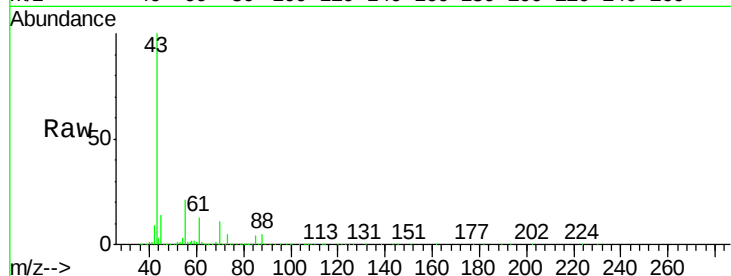




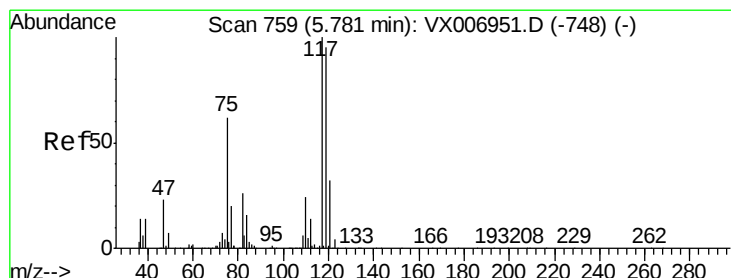
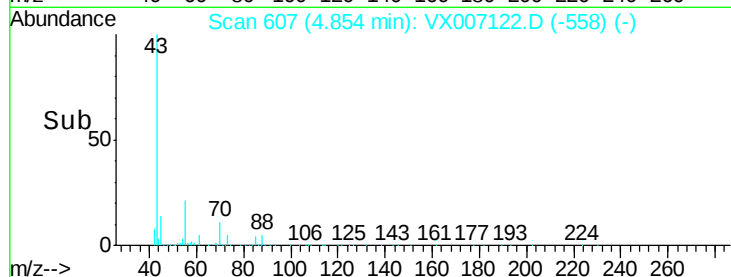
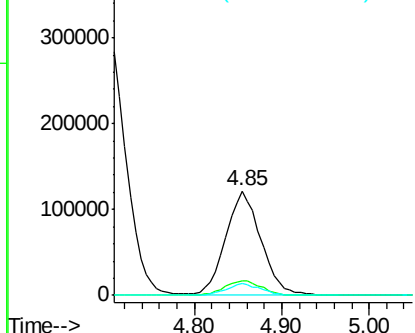
#37
Ethyl Acetate
Concen: 48.228 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 338252
Ion Ratio Lower Upper
43 100
61 14.7 11.9 17.9
70 10.9 9.7 14.5

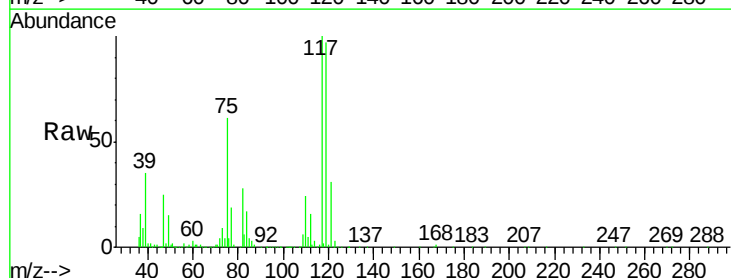


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

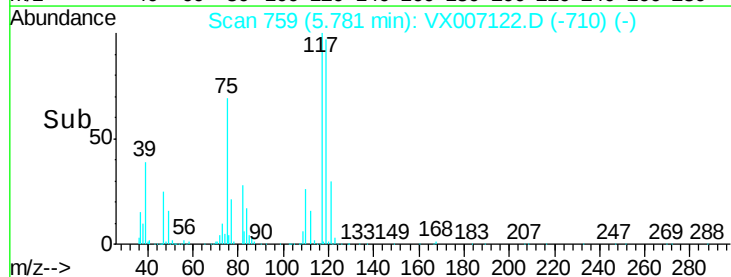
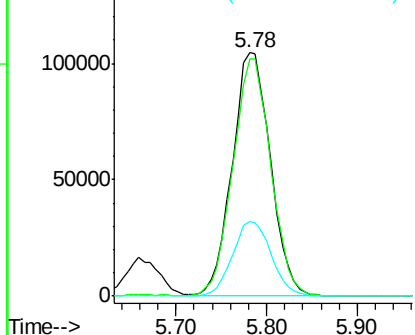


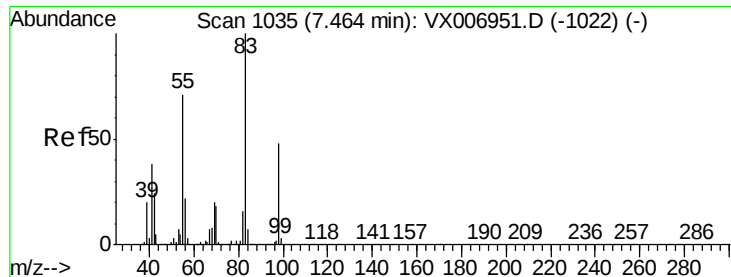
#38
Carbon Tetrachloride
Concen: 46.458 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion: 117 Resp: 305790
Ion Ratio Lower Upper
117 100
119 97.2 79.4 119.2
121 30.7 24.0 36.0



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

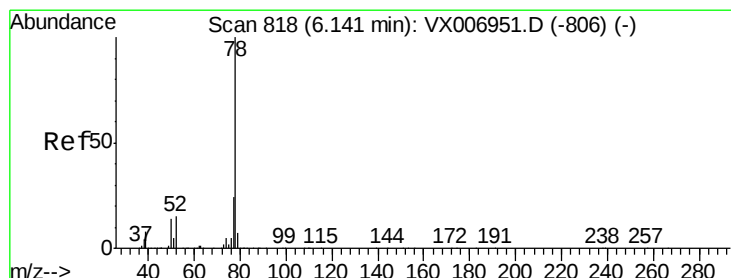
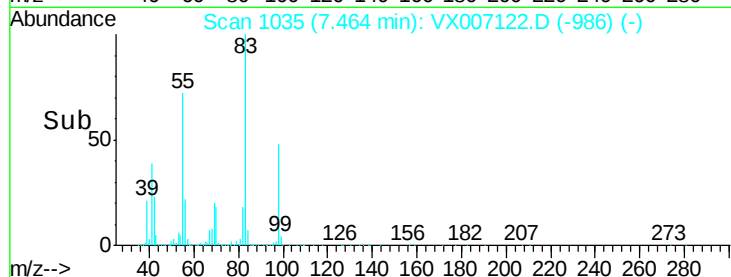
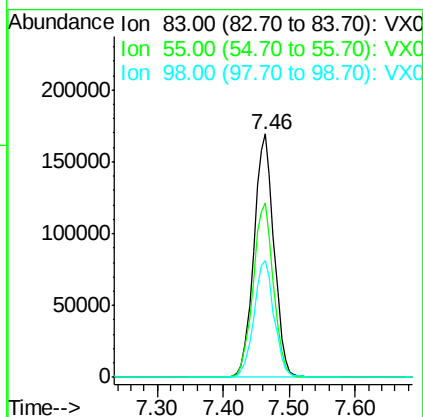
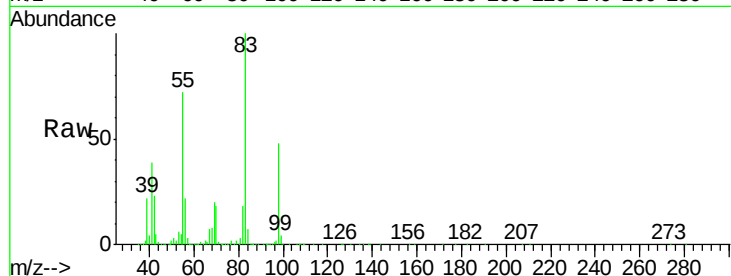




#39
Methvlcvclohexane
Concen: 43.135 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

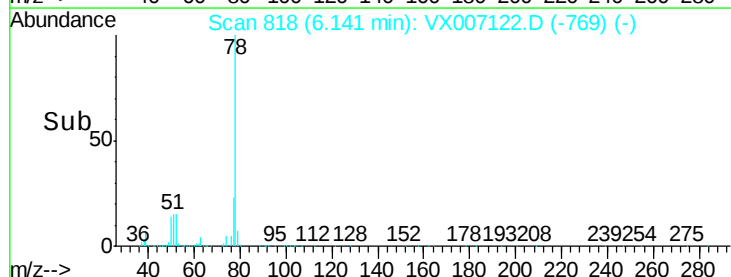
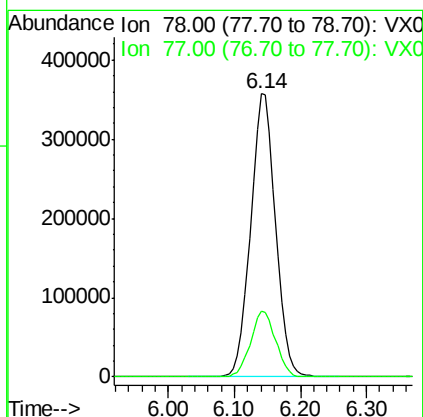
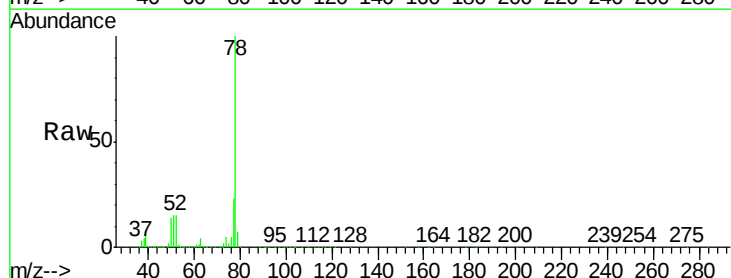
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

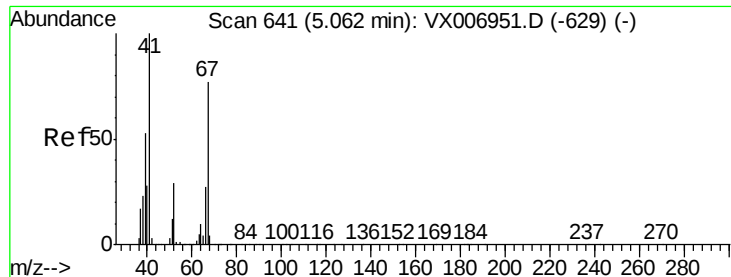
Tot Ion: 83 Resp: 359754
Ion Ratio Lower Upper
83 100
55 71.8 54.9 82.3
98 47.9 37.9 56.9



#40
Benzene
Concen: 46.830 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion: 78 Resp: 934810
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8

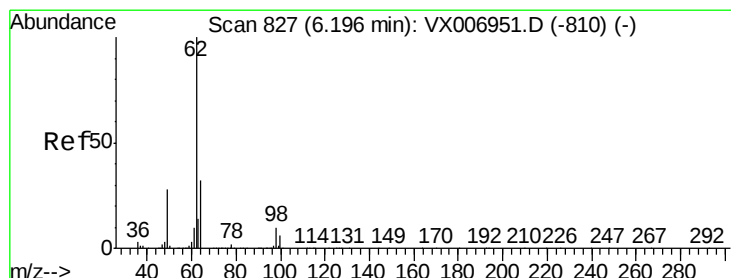
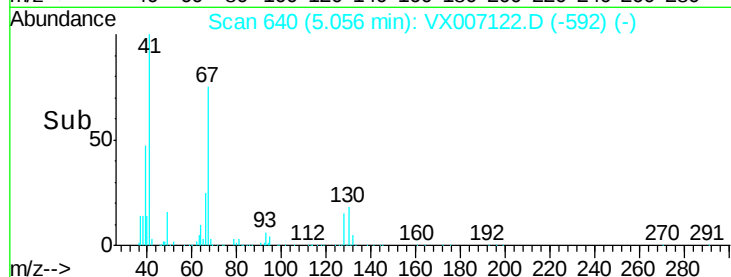
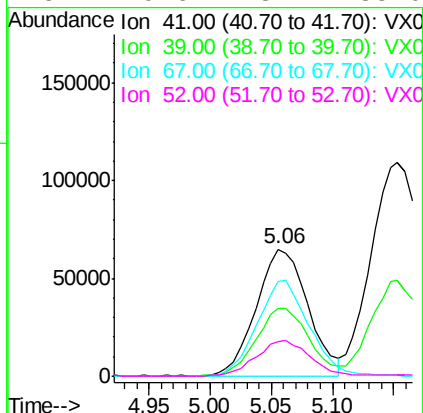
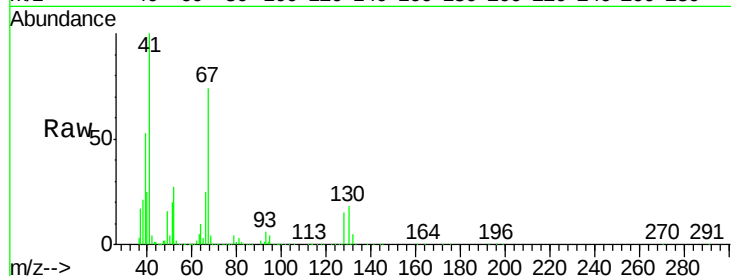




#41
Methacrylonitrile
Concen: 46.949 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

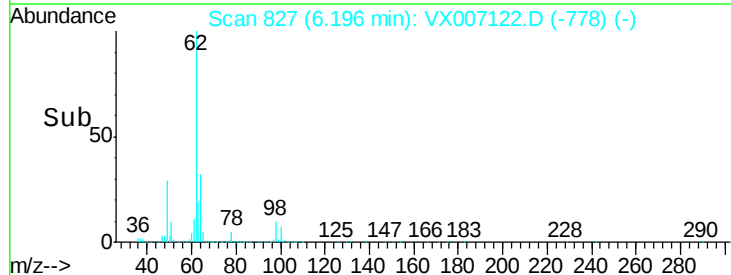
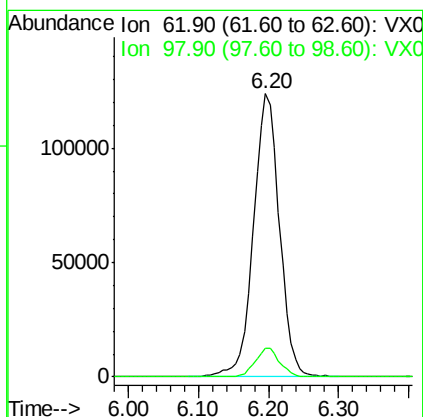
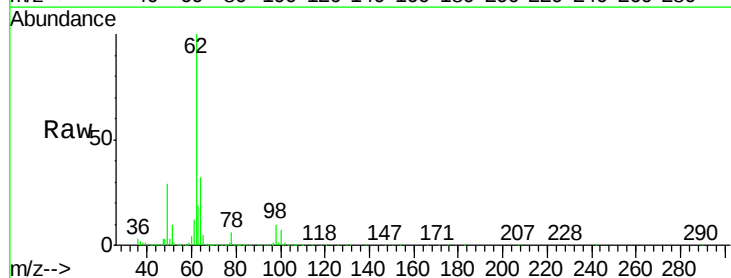
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

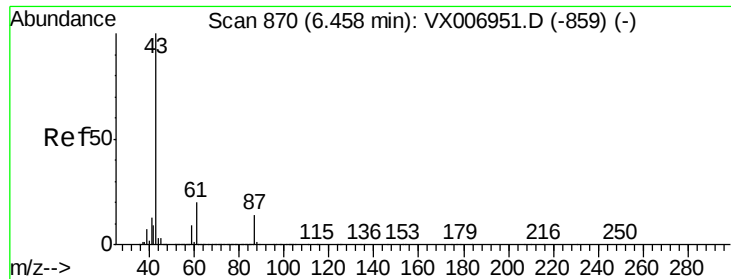
Tot Ion:	41	Resp:	189692
Ion	Ratio	Lower	Upper
41	100		
39	54.6	42.8	64.2
67	76.1	62.1	93.1
52	29.6	23.4	35.0



#42
1,2-Dichloroethane
Concen: 46.146 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion:	62	Resp:	318316
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.2



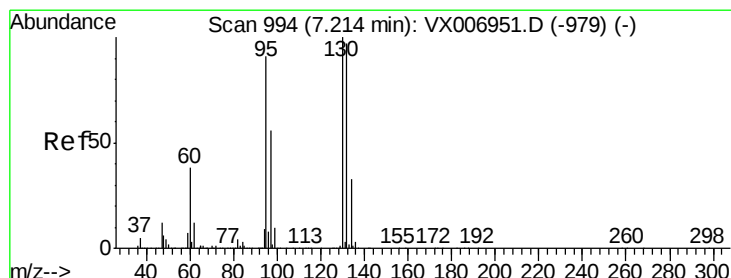
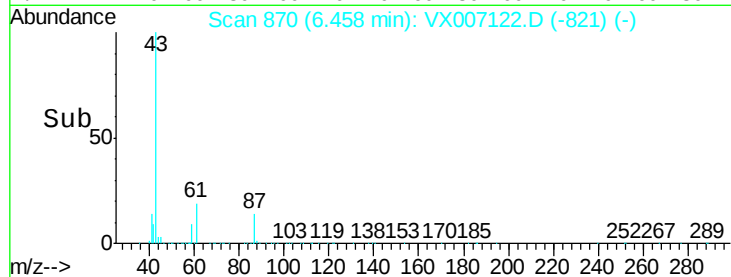
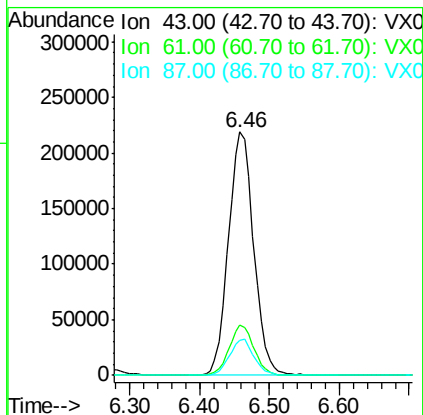
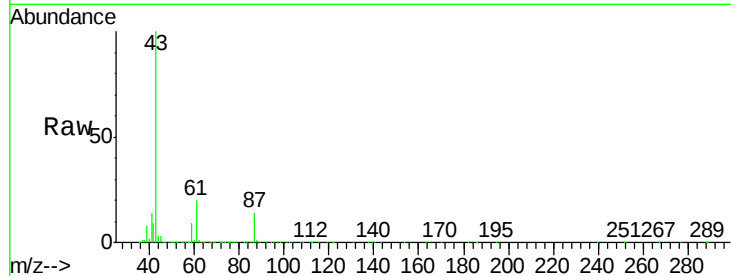


#43

Isopropyl Acetate
 Concen: 49.508 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

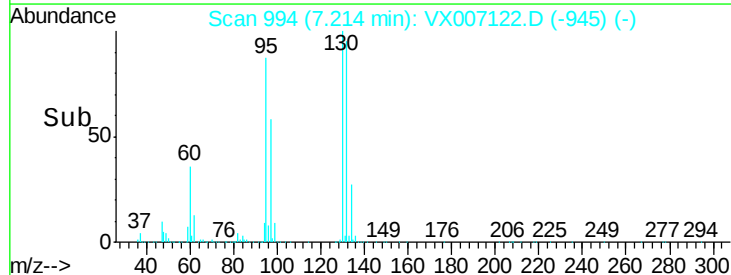
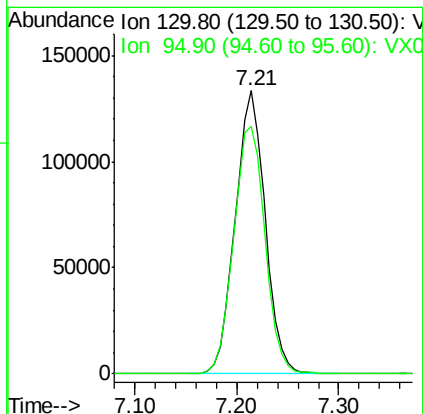
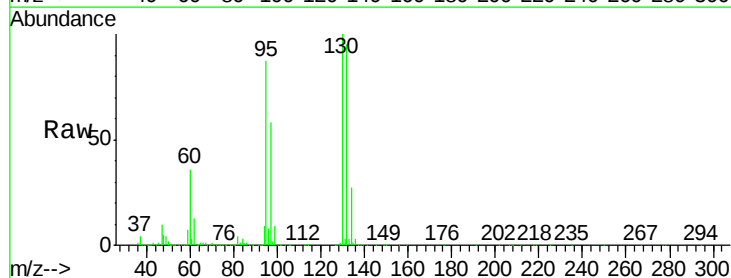
Tot Ion: 43 Resp: 547714
 Ion Ratio Lower Upper
 43 100
 61 20.1 16.8 25.2
 87 14.3 12.4 18.6

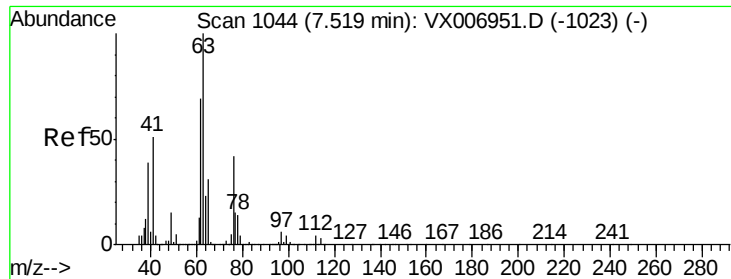


#44

Trichloroethene
 Concen: 45.369 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Tgt Ion: 130 Resp: 271383
 Ion Ratio Lower Upper
 130 100
 95 87.4 0.0 187.0





#45

1,2-Dichloropropane

Concen: 47.826 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

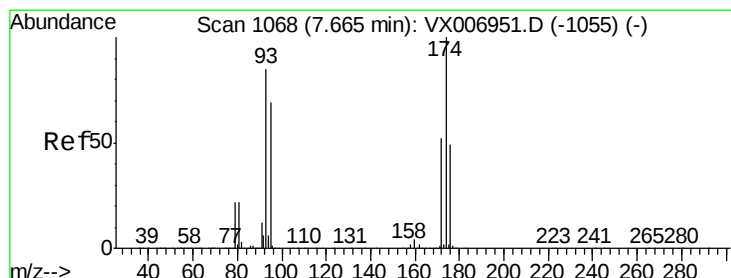
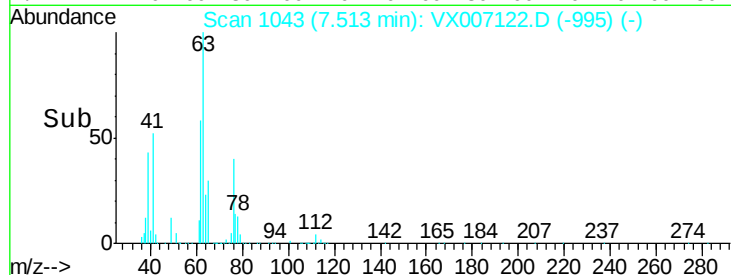
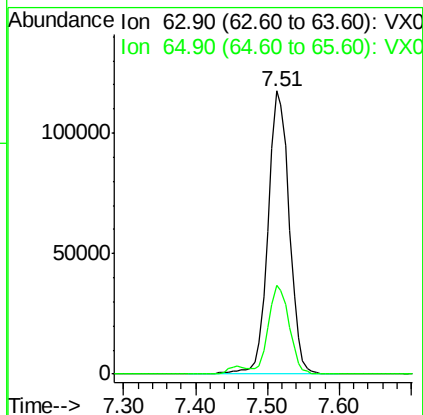
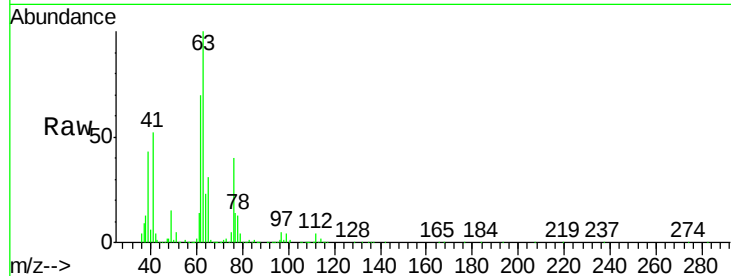
VSTDCCC050EC

Tot Ion: 63 Resp: 240014

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.0



#46

Dibromomethane

Concen: 48.343 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

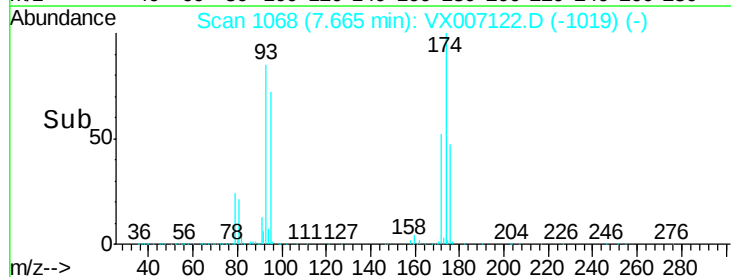
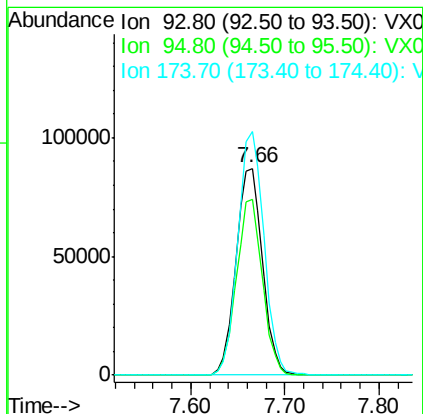
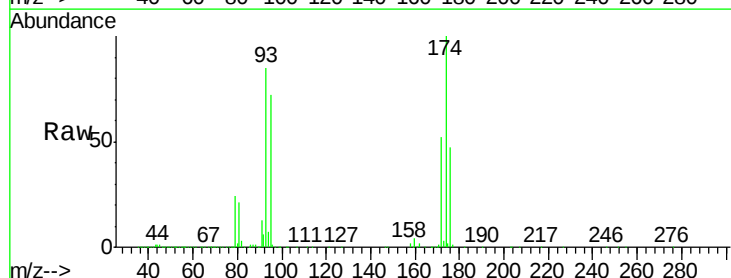
Tgt Ion: 93 Resp: 170504

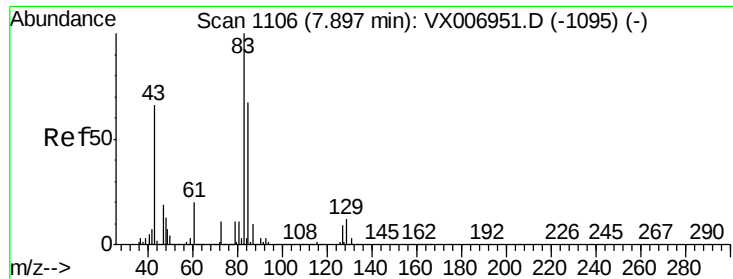
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 116.1 91.0 136.4





#47

Bromodichloromethane

Concen: 50.033 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

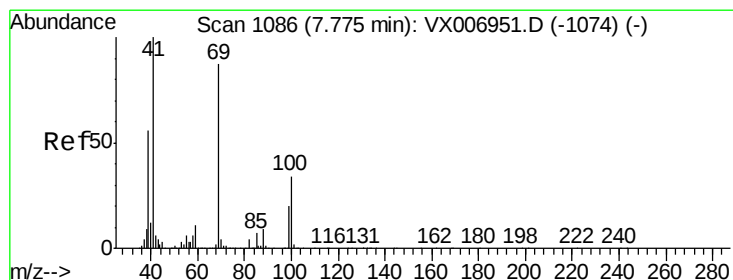
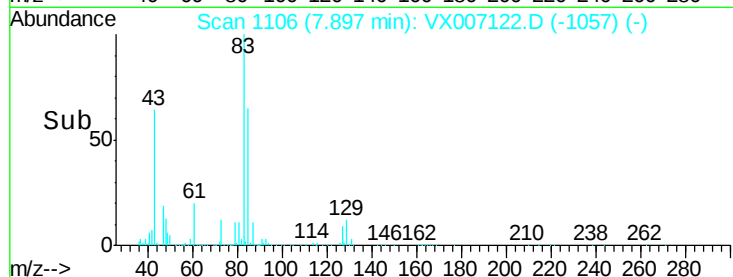
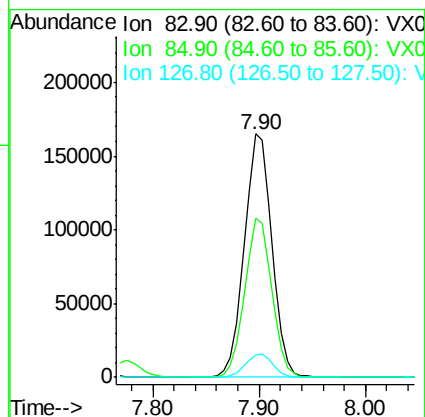
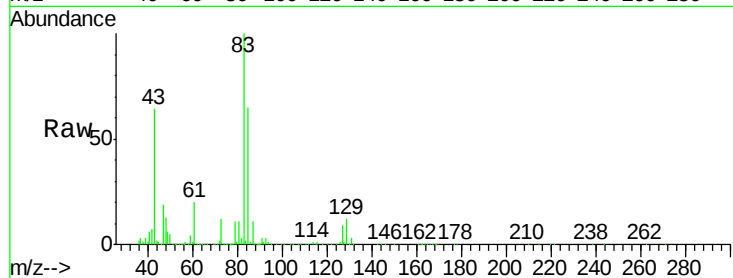
Tot Ion: 83 Resp: 300367

Ion Ratio Lower Upper

83 100

85 65.3 53.2 79.8

127 9.0 7.8 11.6



#48

Methyl methacrylate

Concen: 49.850 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

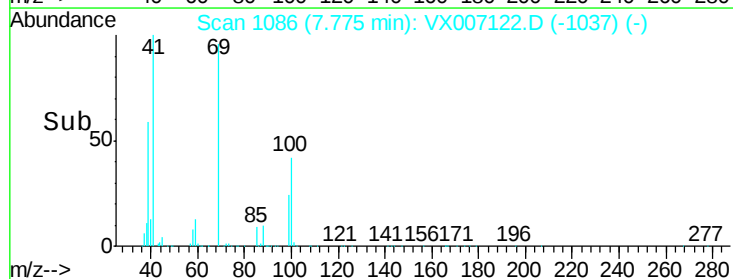
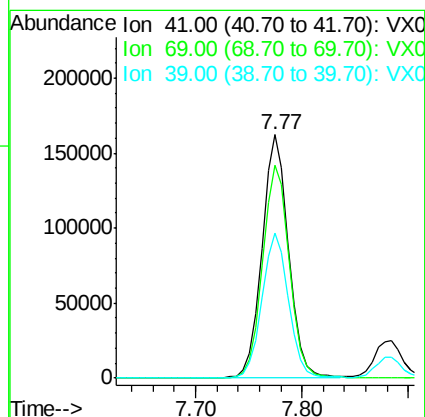
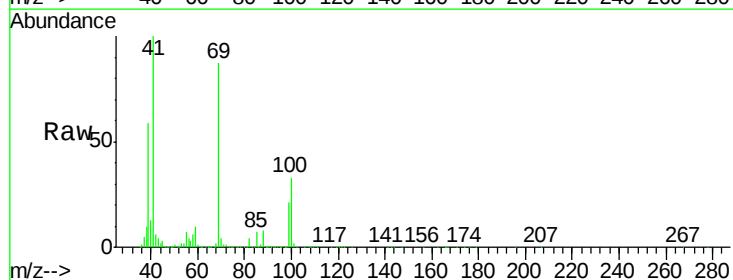
Tgt Ion: 41 Resp: 283212

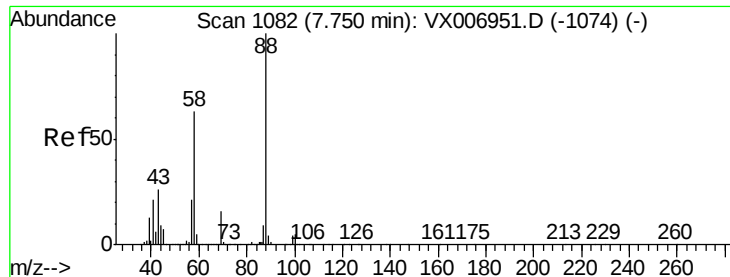
Ion Ratio Lower Upper

41 100

69 88.7 72.4 108.6

39 59.1 45.8 68.8





#49

1,4-Dioxane

Concen: 998.216 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

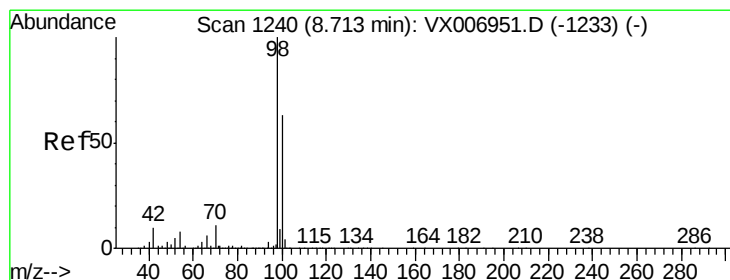
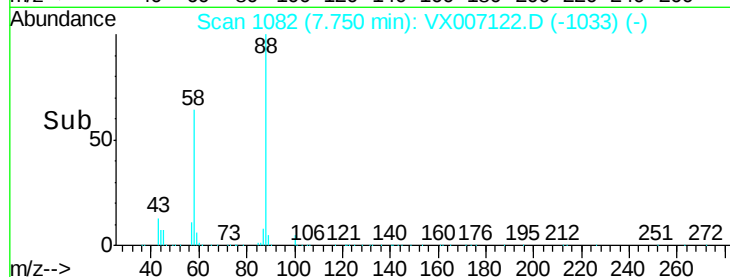
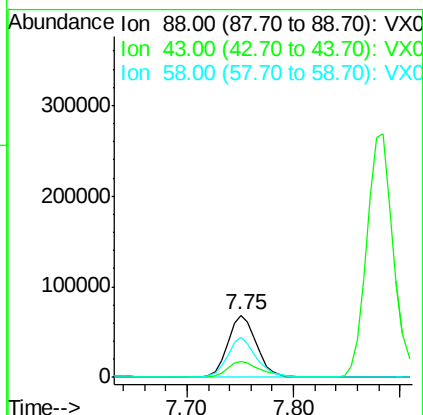
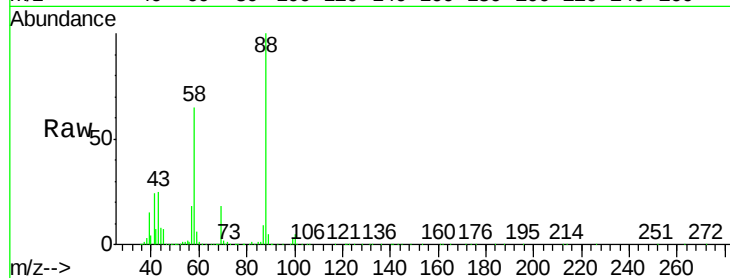
Tot Ion: 88 Resp: 129514

Ion Ratio Lower Upper

88 100

43 28.1 22.2 33.4

58 64.4 51.0 76.4



#50

Toluene-d8

Concen: 50.711 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007122.D

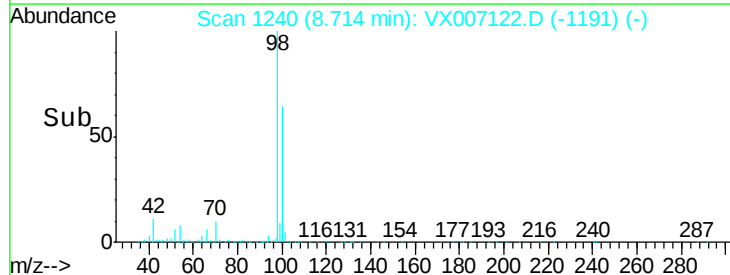
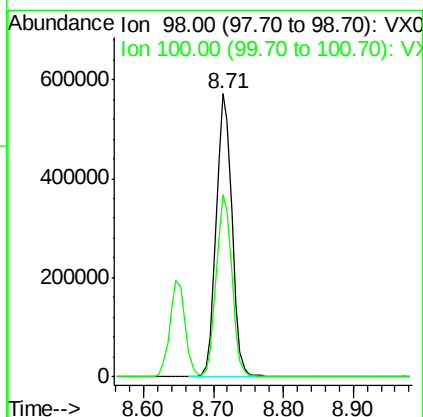
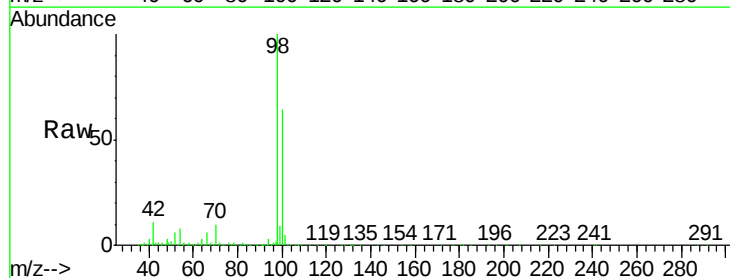
Acq: 18 Jan 2019 06:55

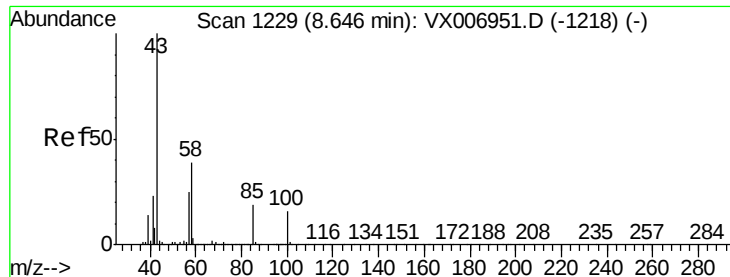
Tgt Ion: 98 Resp: 894440

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0

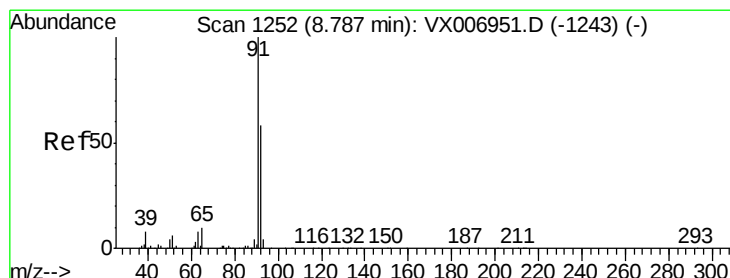
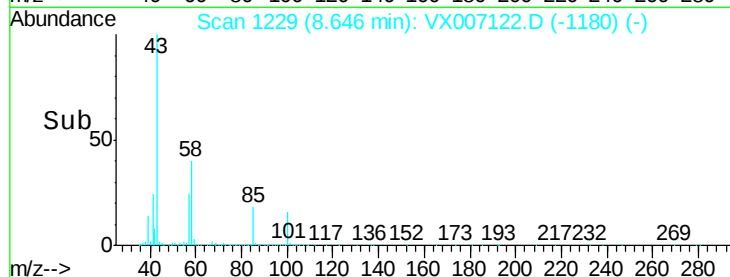
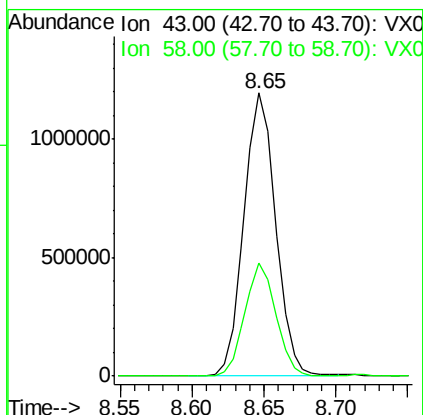
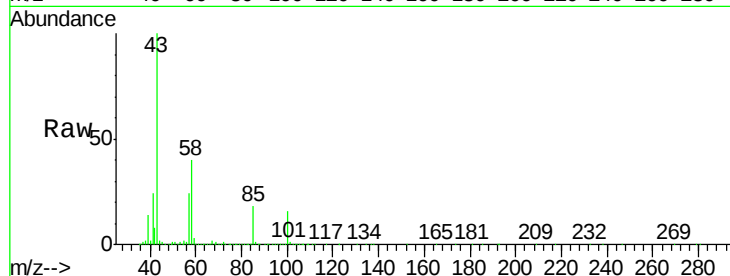




#51
4-Methyl-2-Pentanone
Concen: 256.394 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

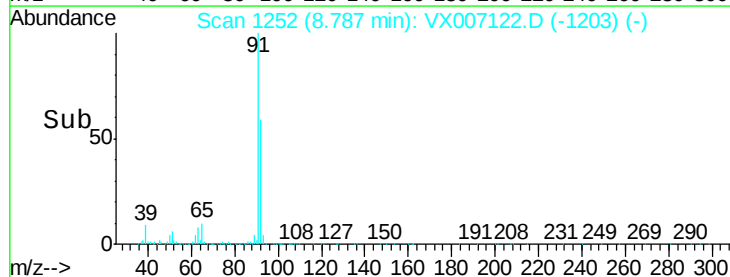
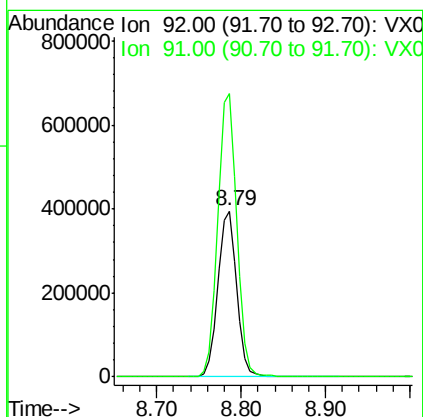
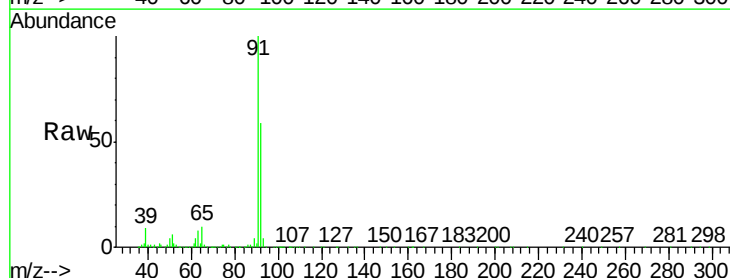
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1822908
Ion Ratio Lower Upper
43 100
58 39.2 31.8 47.6



#52
Toluene
Concen: 47.631 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion: 92 Resp: 611105
Ion Ratio Lower Upper
92 100
91 173.8 137.6 206.4

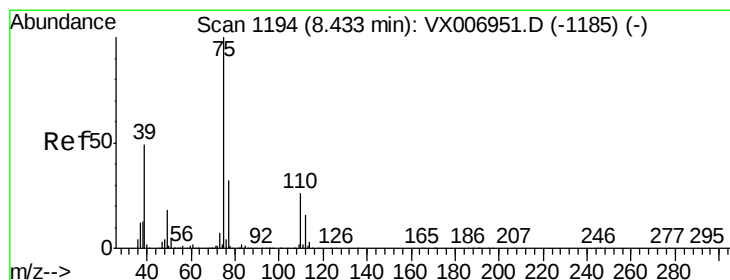
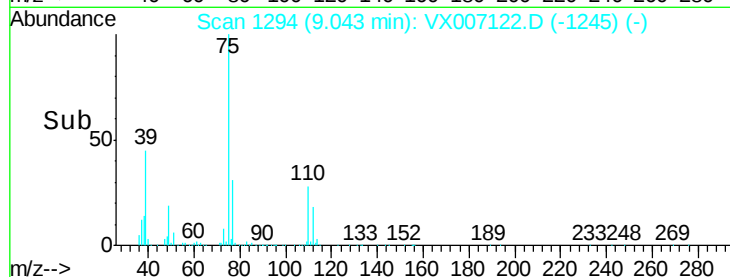
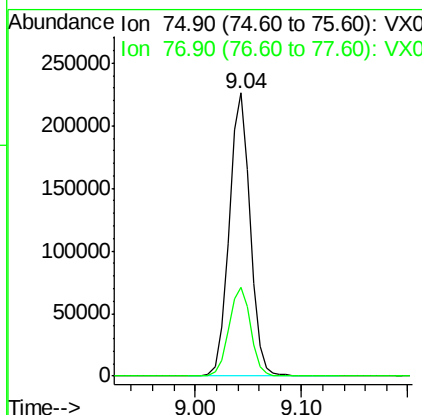
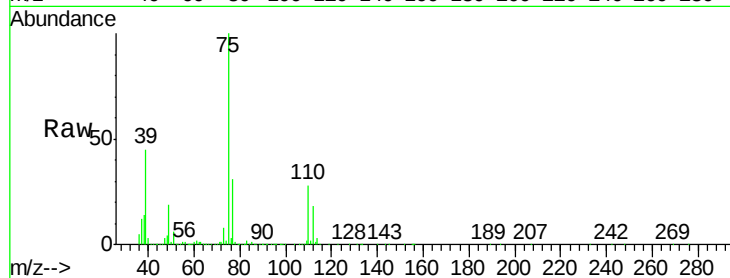




#53
t-1,3-Dichloropropene
Concen: 47.002 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

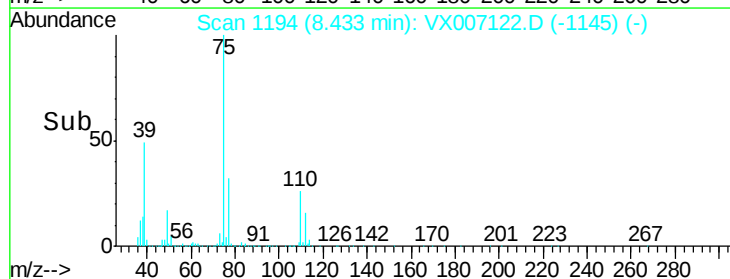
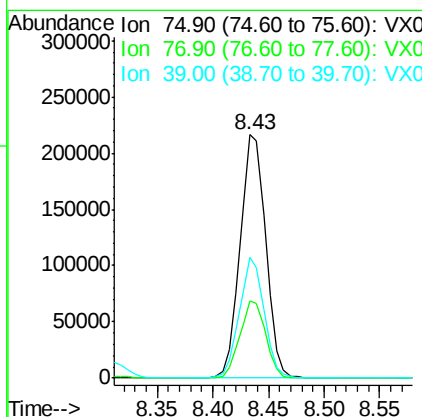
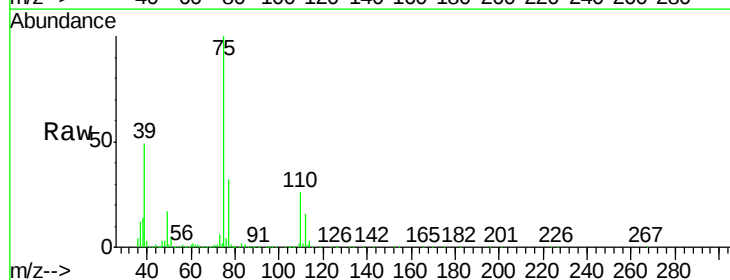
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 312891
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 47.092 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion: 75 Resp: 346204
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2
39 49.3 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 51.321 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 263553

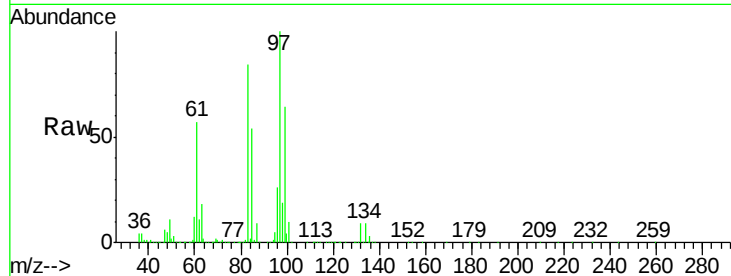
Ion Ratio Lower Upper

97 100

83 83.5 66.6 99.8

85 54.4 42.7 64.1

99 64.5 50.8 76.2

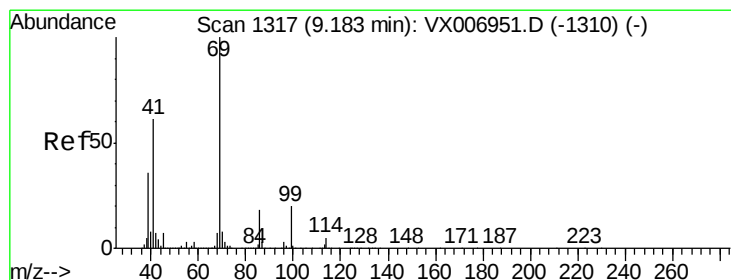
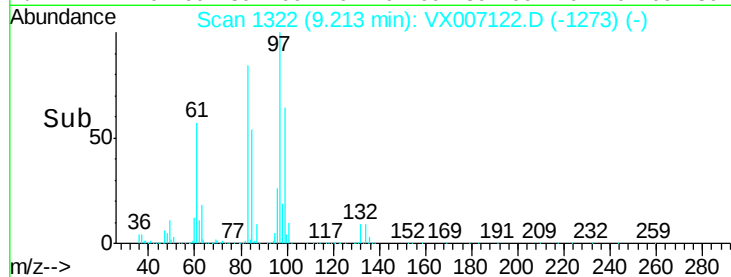
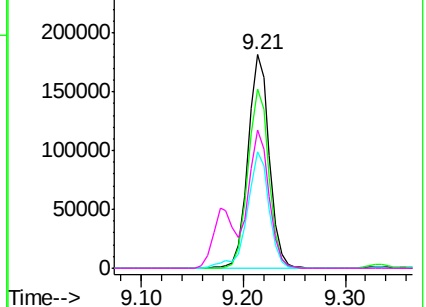


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.473 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

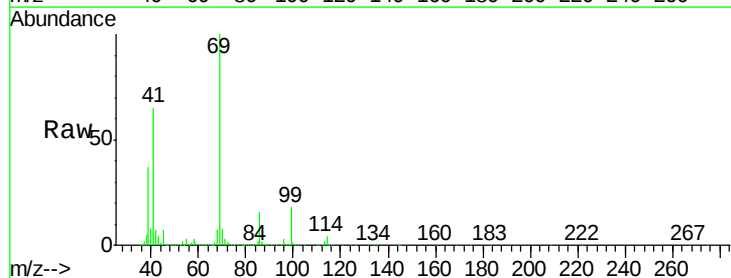
Tgt Ion: 69 Resp: 385895

Ion Ratio Lower Upper

69 100

41 63.9 48.7 73.1

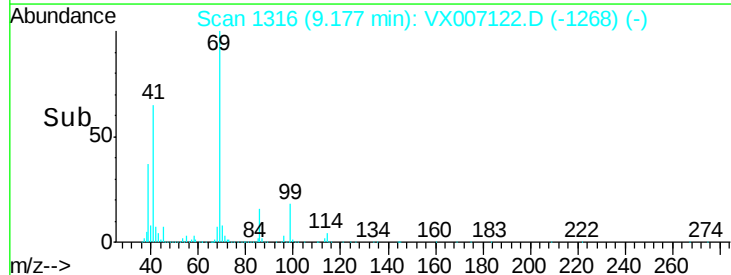
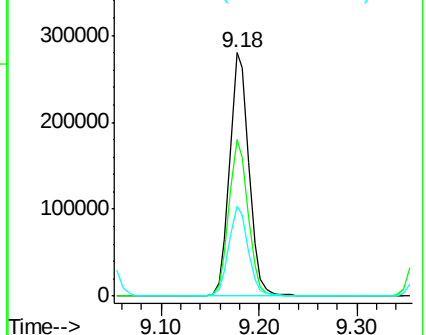
39 36.9 27.0 40.6

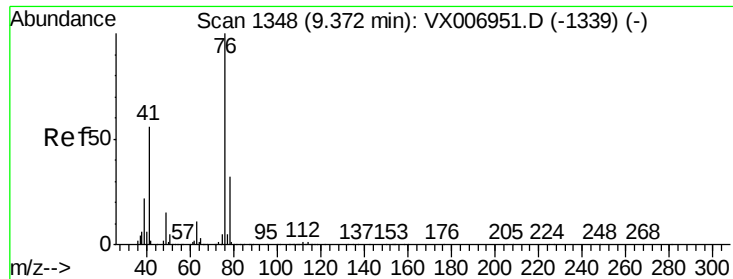


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.162 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

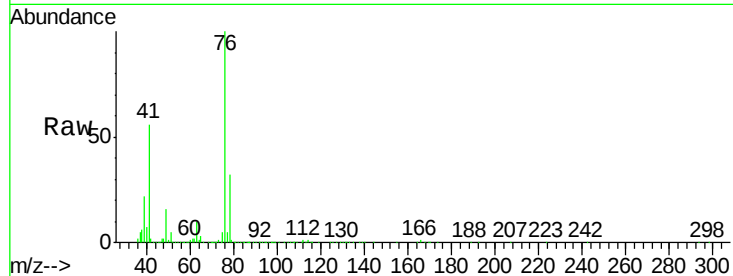
VSTDCCC050EC

Tot Ion: 76 Resp: 413612

Ion Ratio Lower Upper

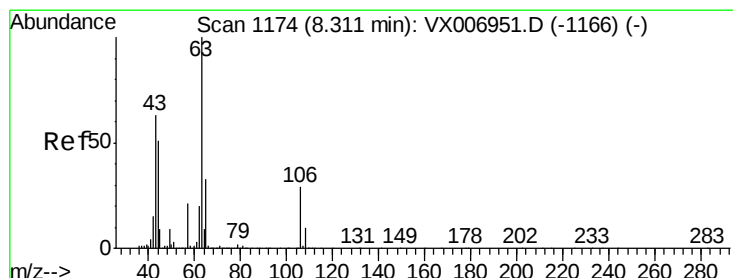
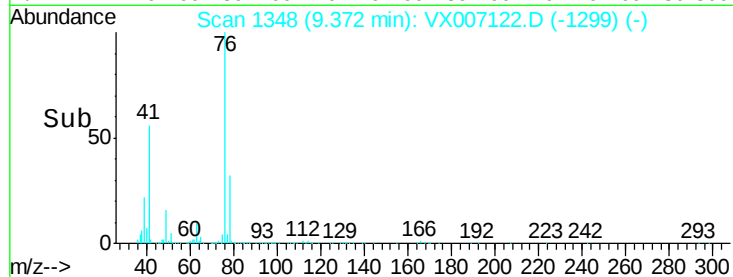
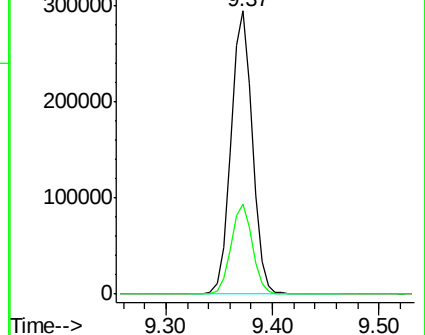
76 100

78 31.9 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 261.047 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007122.D

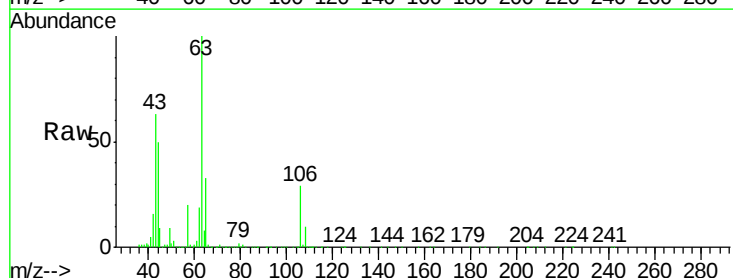
Acq: 18 Jan 2019 06:55

Tgt Ion: 63 Resp: 1006242

Ion Ratio Lower Upper

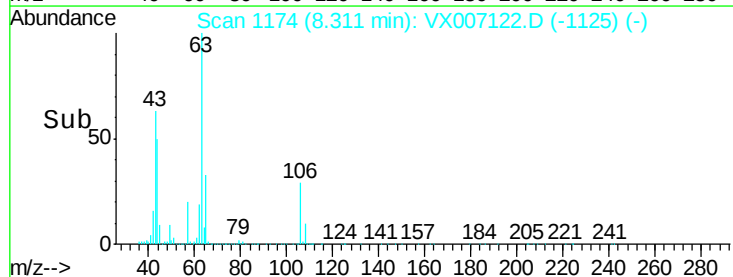
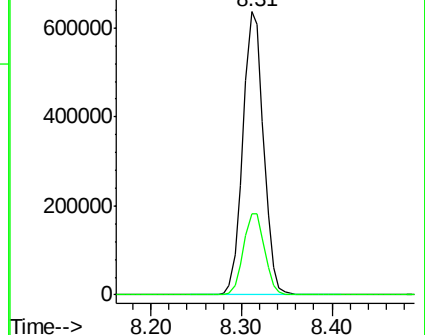
63 100

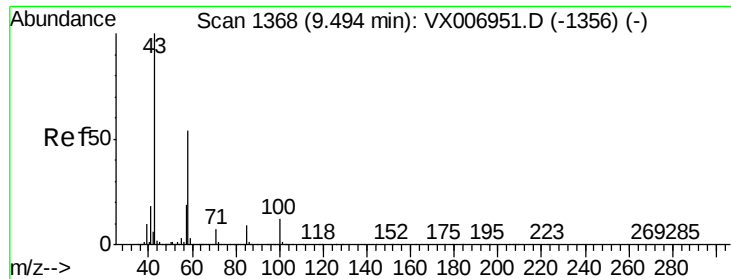
106 29.8 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

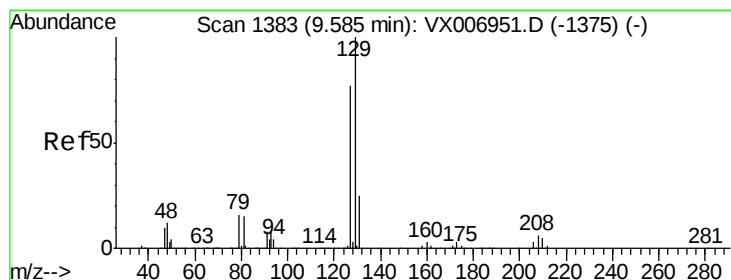
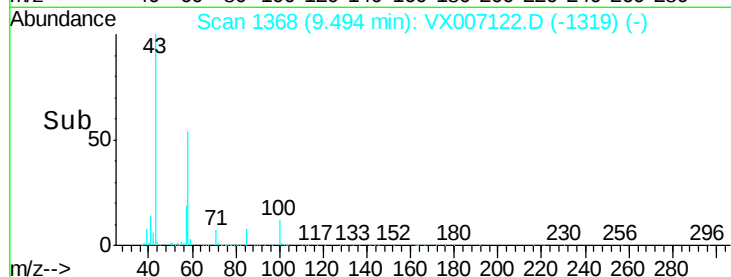
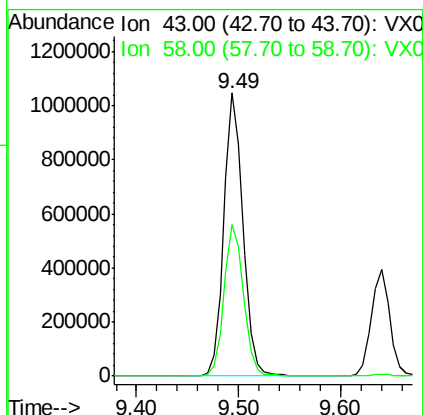
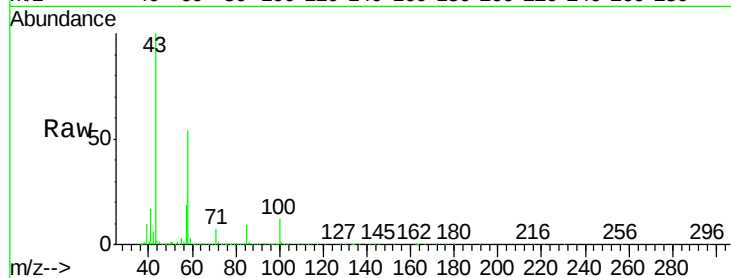




#59
2-Hexanone
Concen: 252.032 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

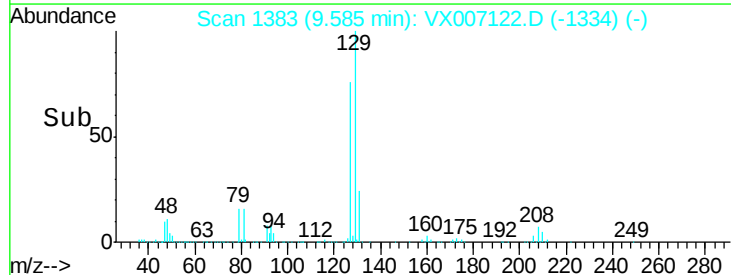
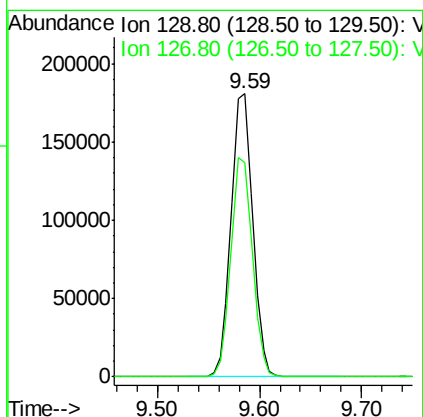
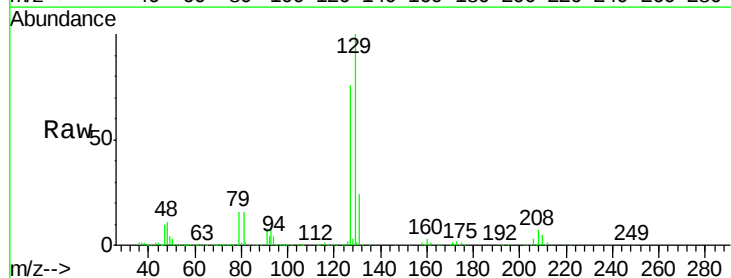
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

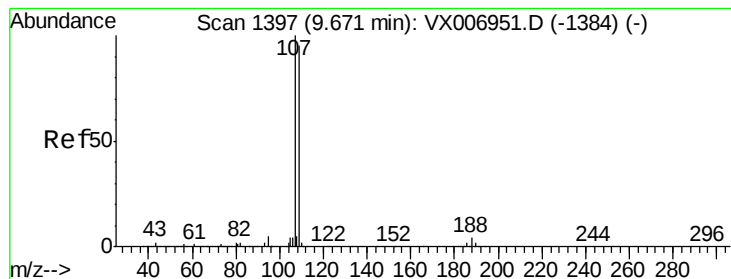
Tot Ion: 43 Resp: 1365525
Ion Ratio Lower Upper
43 100
58 54.4 27.7 83.1



#60
Dibromochloromethane
Concen: 53.192 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion: 129 Resp: 265249
Ion Ratio Lower Upper
129 100
127 76.9 39.3 117.8





#61

1,2-Dibromoethane

Concen: 49.691 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

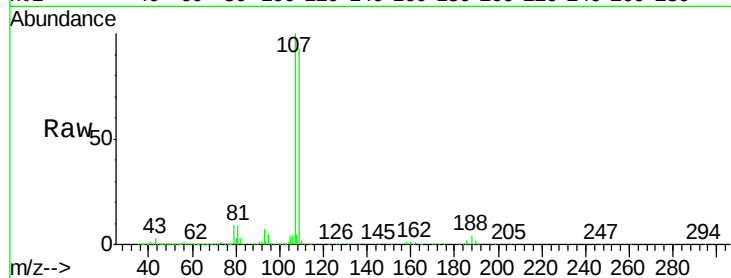
VSTDCCC050EC

Tot Ion:107 Resp: 280928

Ion Ratio Lower Upper

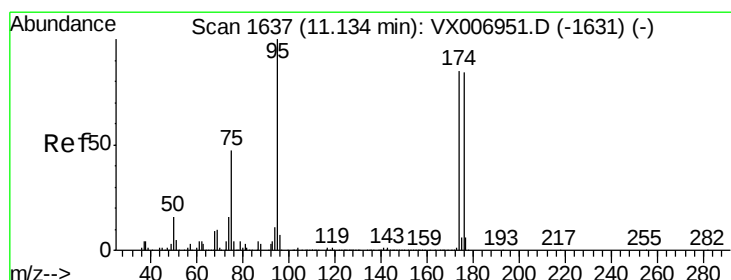
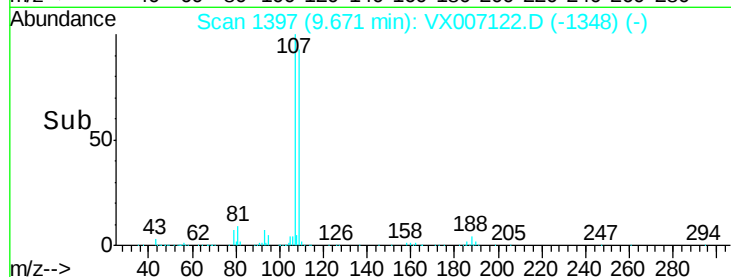
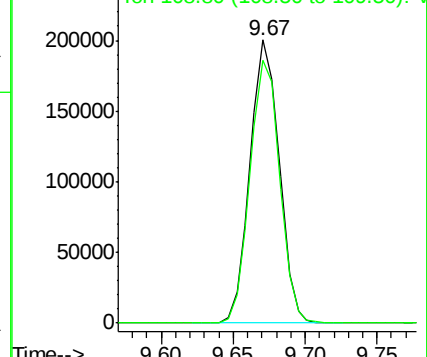
107 100

109 94.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.338 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

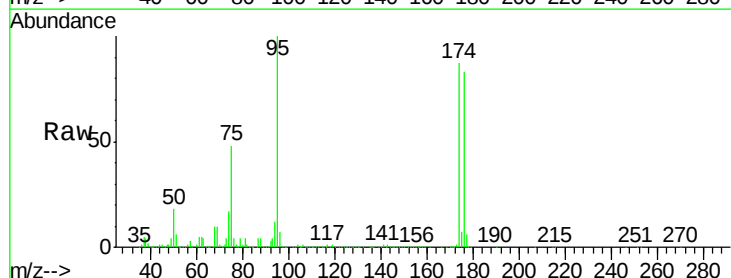
Tgt Ion: 95 Resp: 321830

Ion Ratio Lower Upper

95 100

174 94.5 0.0 182.2

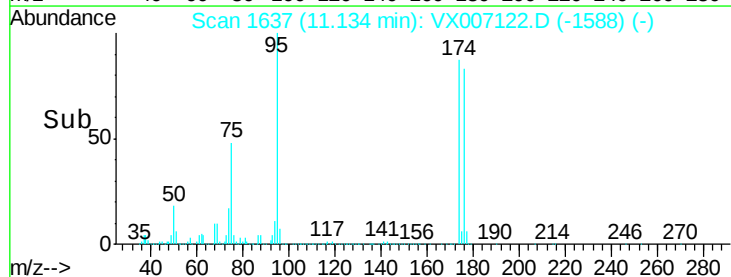
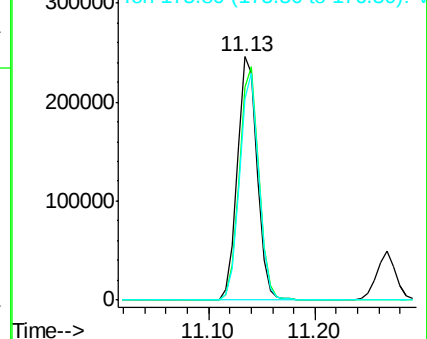
176 90.4 0.0 178.8

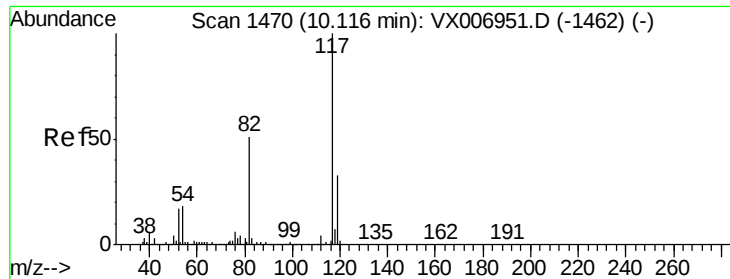


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

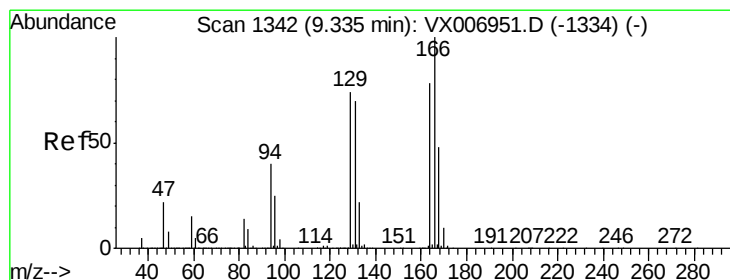
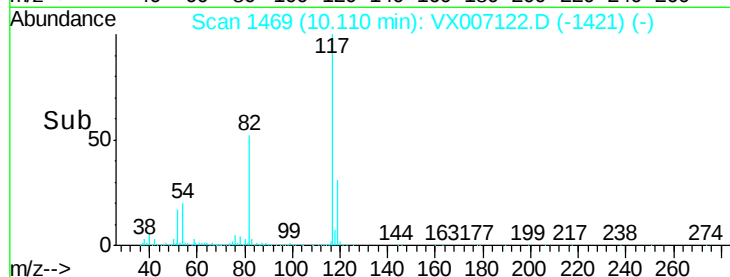
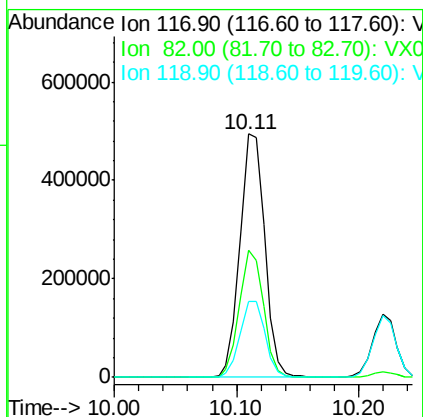
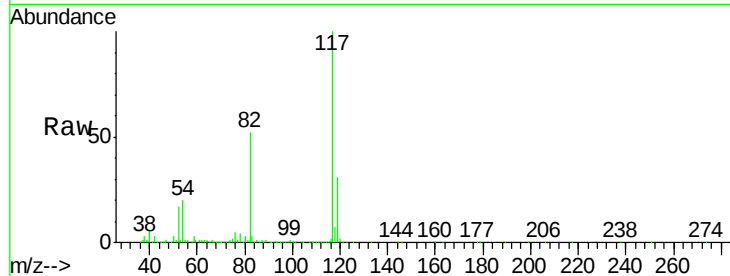




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

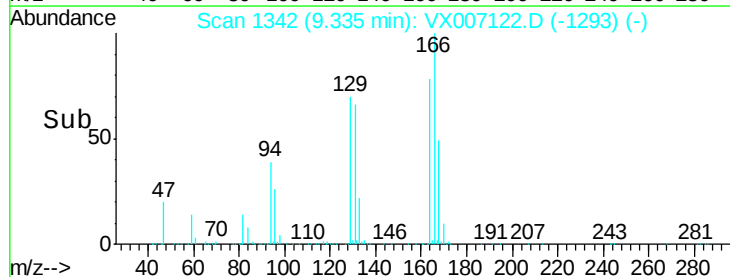
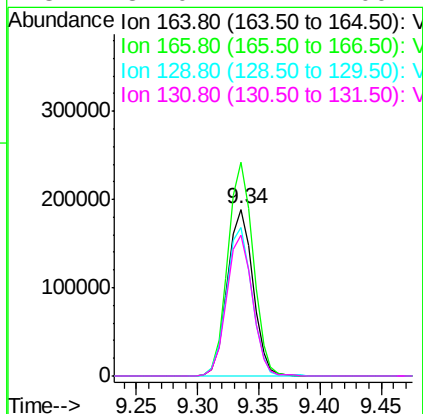
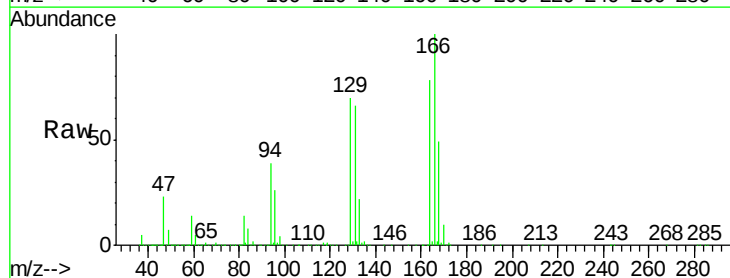
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

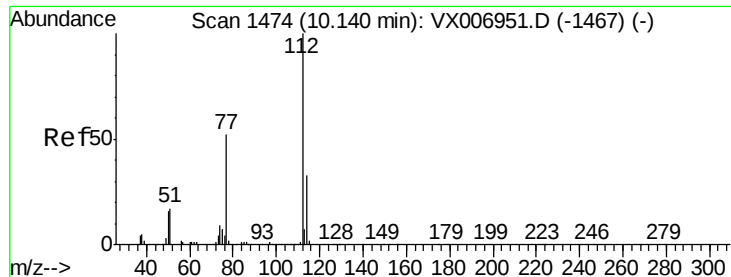
Tot Ion:117 Resp: 698275
Ion Ratio Lower Upper
117 100
82 52.1 41.0 61.6
119 31.1 25.4 38.0



#64
Tetrachloroethene
Concen: 45.032 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion:164 Resp: 272239
Ion Ratio Lower Upper
164 100
166 127.8 102.5 153.7
129 88.9 75.1 112.7
131 84.0 72.7 109.1





#65

Chlorobenzene

Concen: 46.745 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

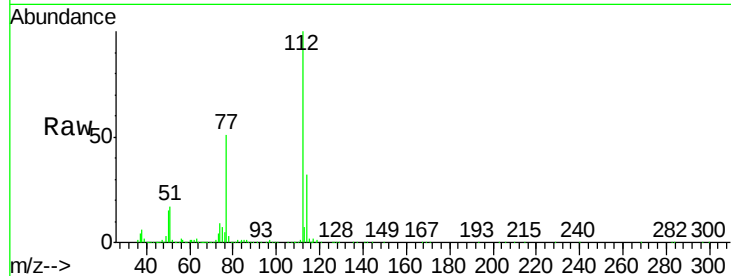
VSTDCCC050EC

Tot Ion:112 Resp: 711907

Ion Ratio Lower Upper

112 100

114 31.8 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

600000

500000

400000

300000

200000

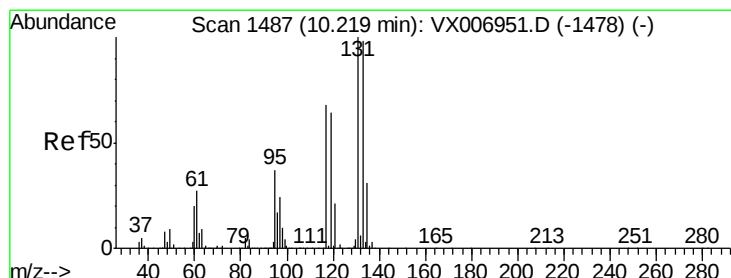
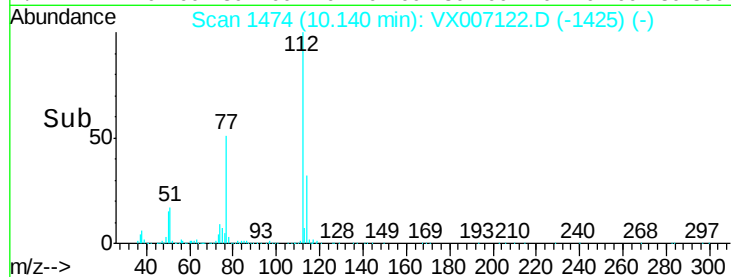
100000

0

10.14

10.10 10.12 10.14 10.16 10.18 10.20 10.22 10.24 10.26 10.28 10.30

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 49.943 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

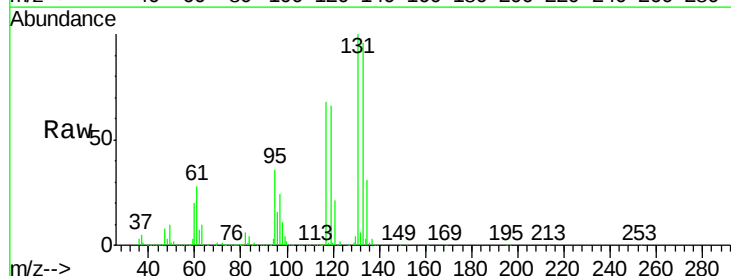
Tgt Ion:131 Resp: 255871

Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.2

119 65.4 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

250000

200000

150000

100000

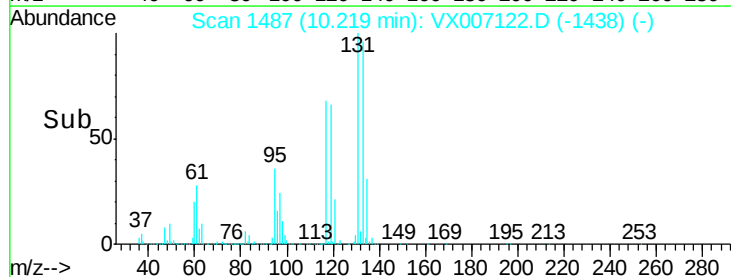
50000

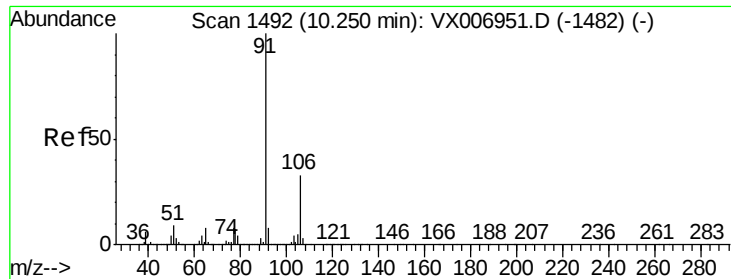
0

10.22

10.20 10.22 10.24 10.26 10.28 10.30

Time-->





#67

Ethyl Benzene

Concen: 46.403 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

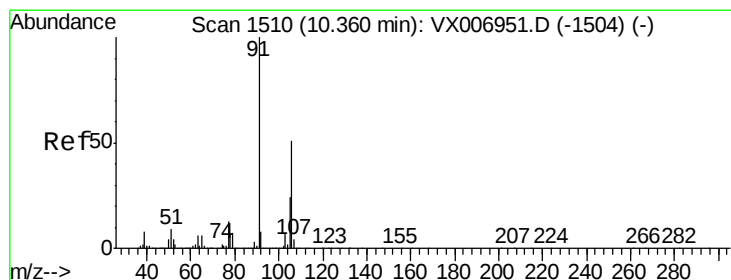
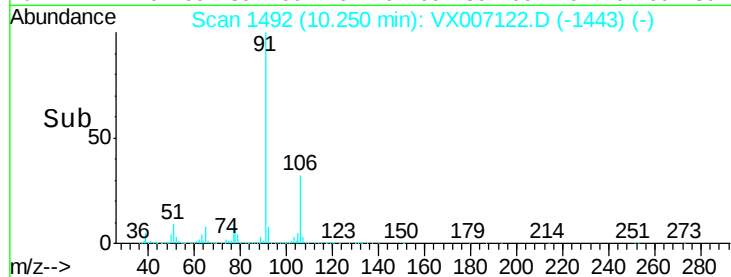
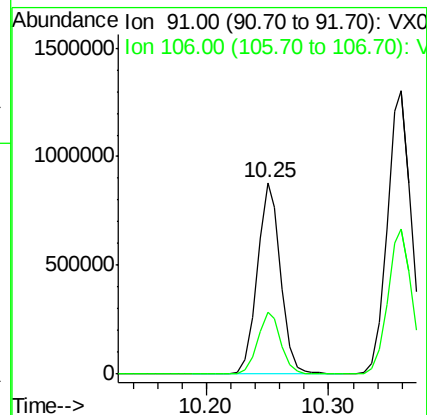
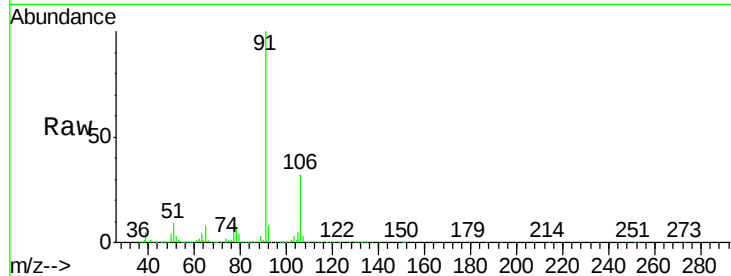
VSTDCCC050EC

Tot Ion: 91 Resp: 1166679

Ion Ratio Lower Upper

91 100

106 32.1 26.4 39.6



#68

m/p-Xylenes

Concen: 92.105 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007122.D

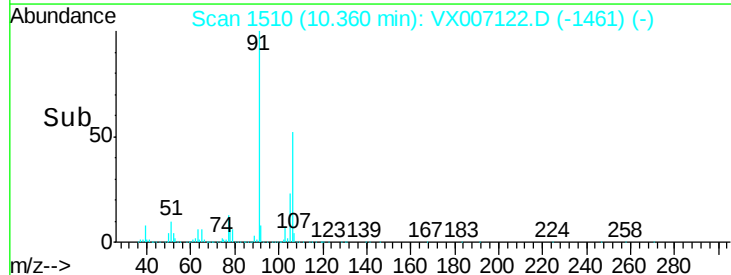
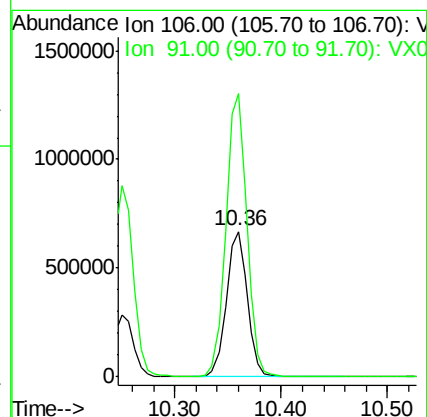
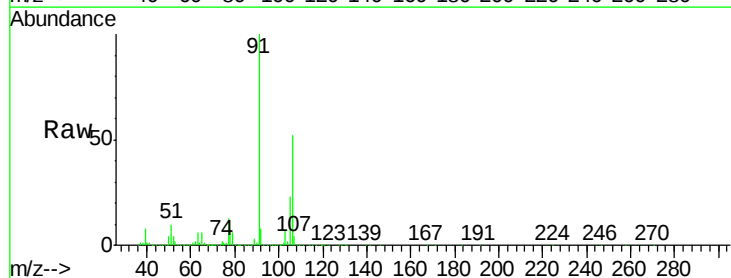
Acq: 18 Jan 2019 06:55

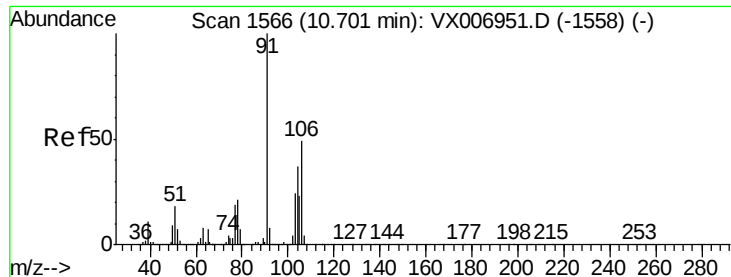
Tgt Ion: 106 Resp: 912364

Ion Ratio Lower Upper

106 100

91 197.0 155.8 233.6

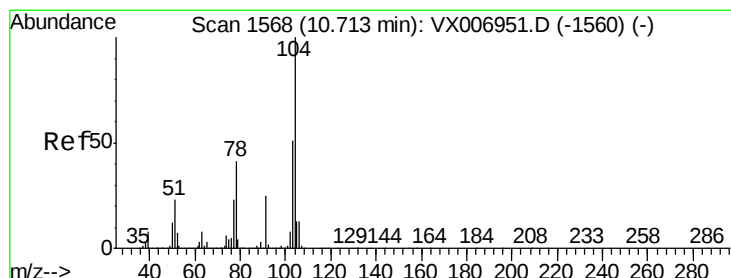
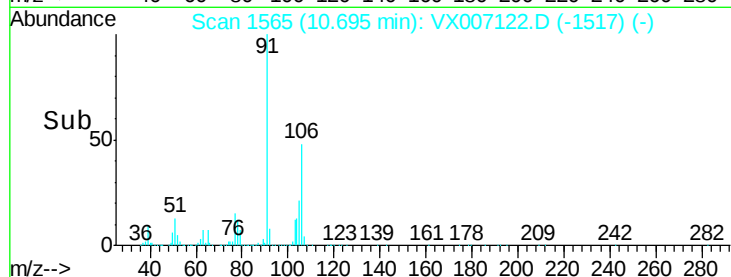
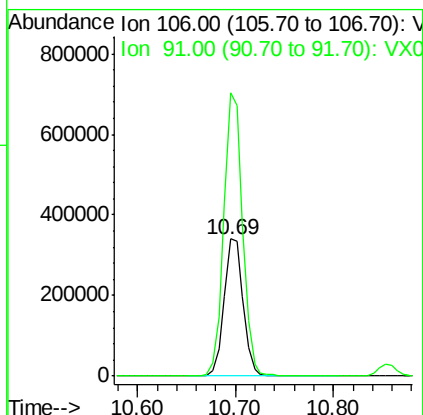
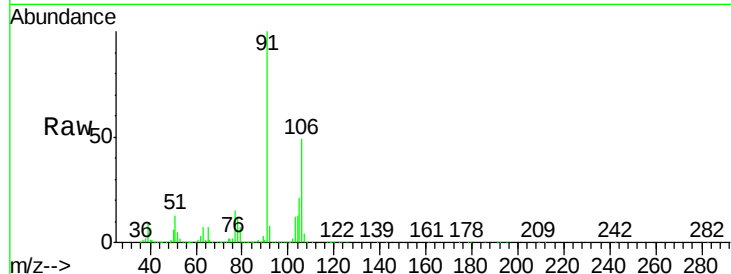




#69
o-Xylene
Concen: 47.505 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

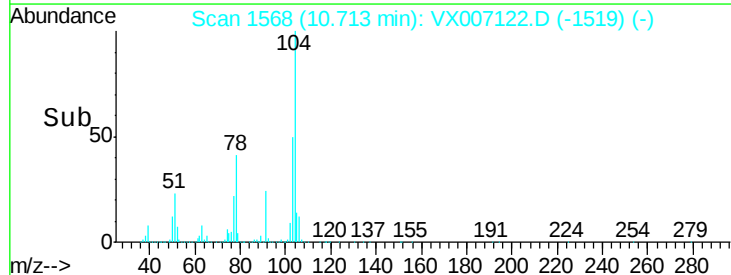
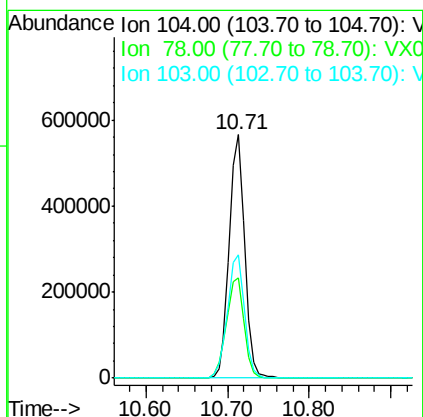
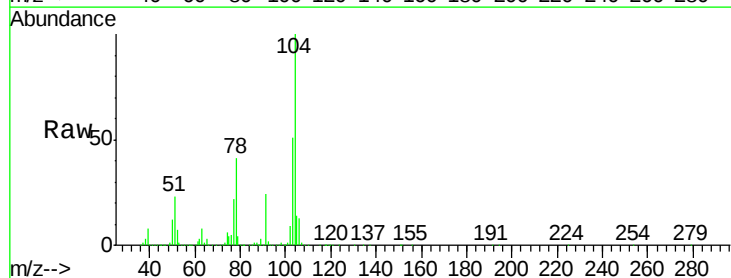
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

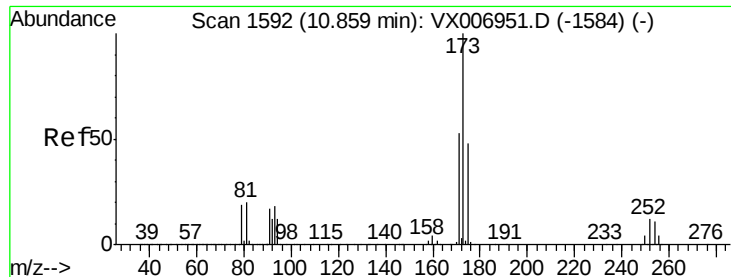
Tot Ion:106 Resp: 458921
Ion Ratio Lower Upper
106 100
91 204.0 101.3 303.7



#70
Styrene
Concen: 48.304 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion:104 Resp: 739072
Ion Ratio Lower Upper
104 100
78 47.3 37.7 56.5
103 55.6 43.8 65.8





#71

Bromoform

Concen: 44.098 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

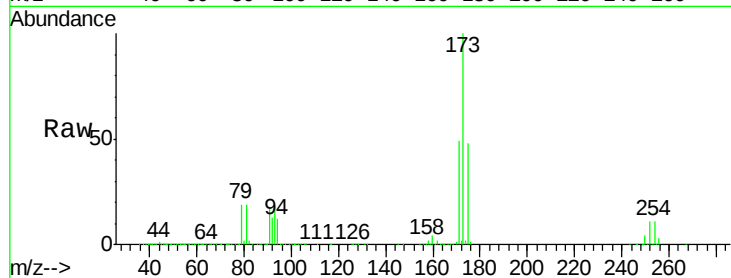
Tot Ion:173 Resp: 199307

Ion Ratio Lower Upper

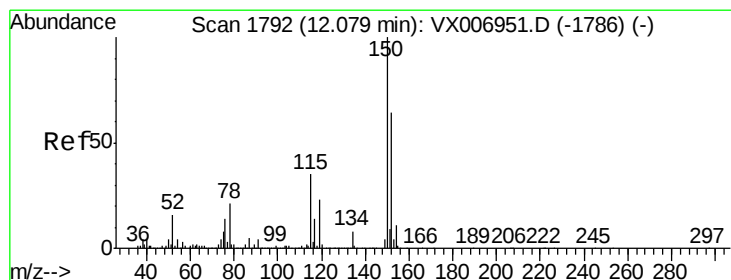
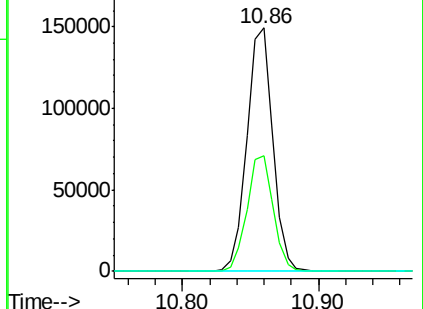
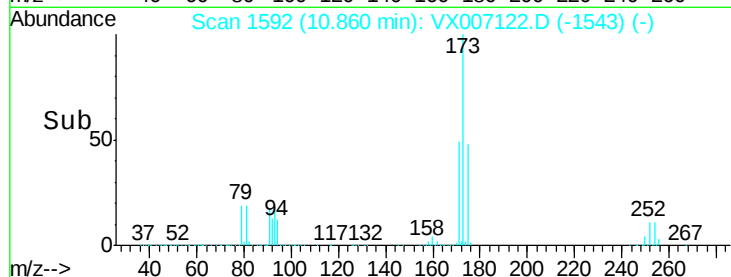
173 100

175 48.2 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: VX007122.D

Acq: 18 Jan 2019 06:55

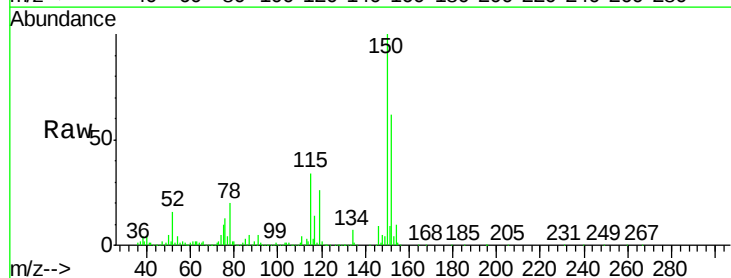
Tgt Ion:152 Resp: 358218

Ion Ratio Lower Upper

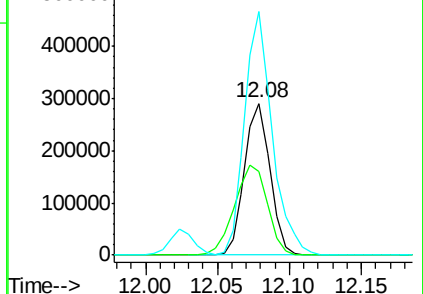
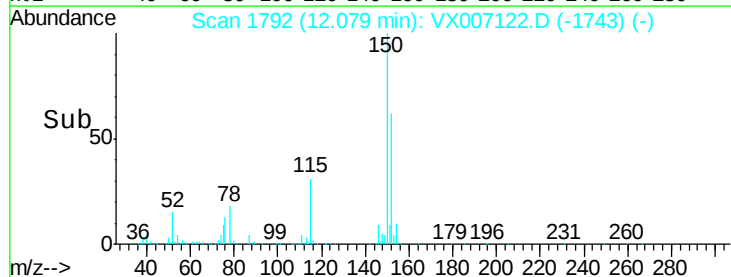
152 100

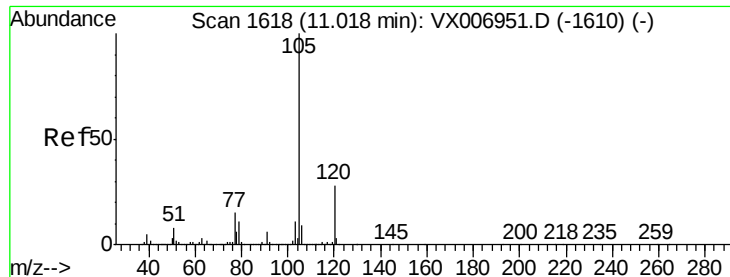
115 76.3 39.1 117.2

150 173.0 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: 47.707 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

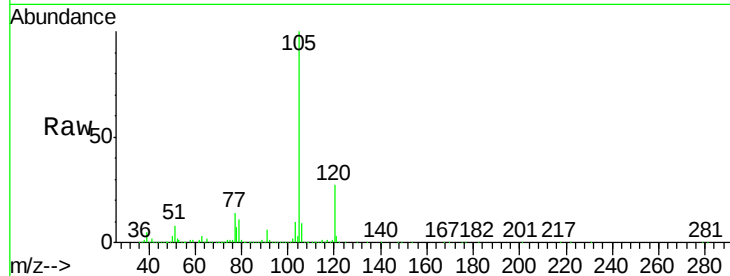
VSTDCCC050EC

Tot Ion:105 Resp: 1205053

Ion Ratio Lower Upper

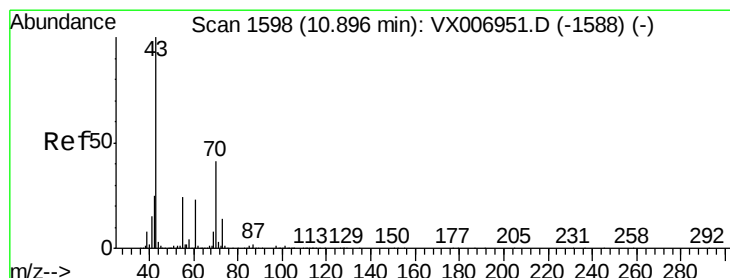
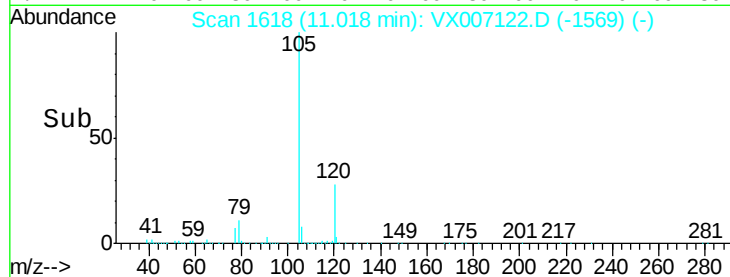
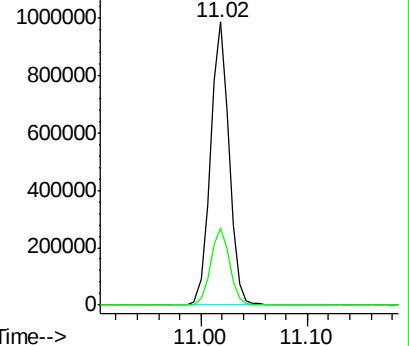
105 100

120 27.6 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: 48.326 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Tgt Ion: 43 Resp: 491473

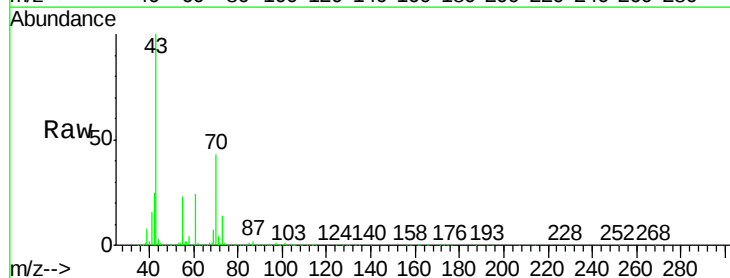
Ion Ratio Lower Upper

43 100

70 43.1 35.8 53.8

55 24.2 19.4 29.0

61 24.3 20.1 30.1

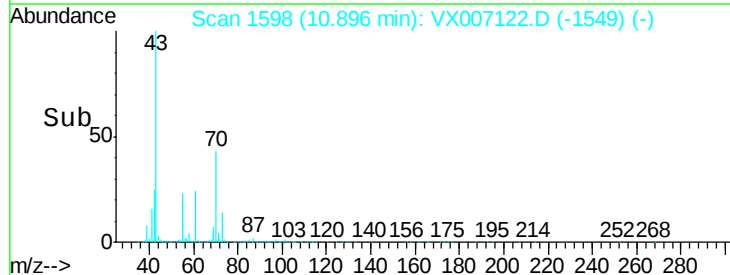
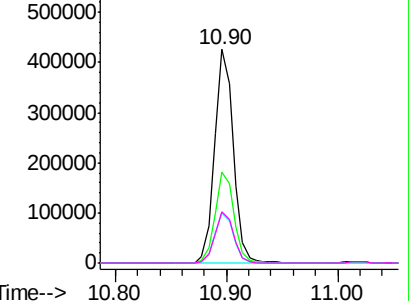


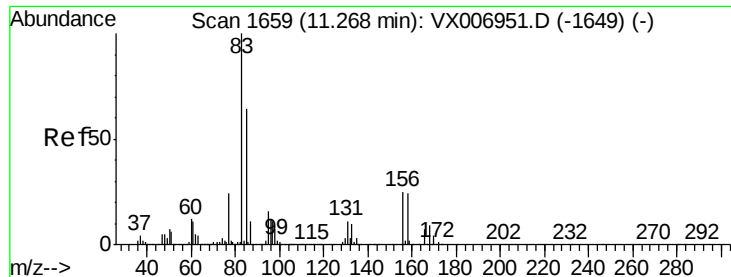
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.734 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

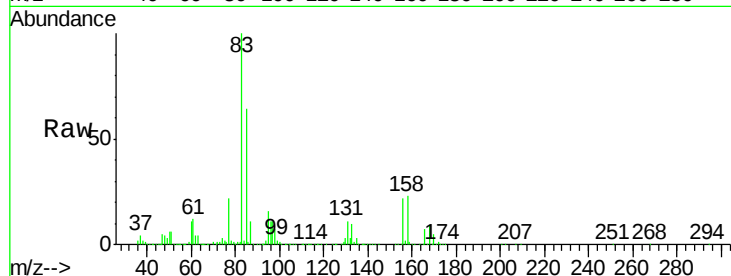
Tot Ion: 83 Resp: 382780

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

85 65.0 32.2 96.6



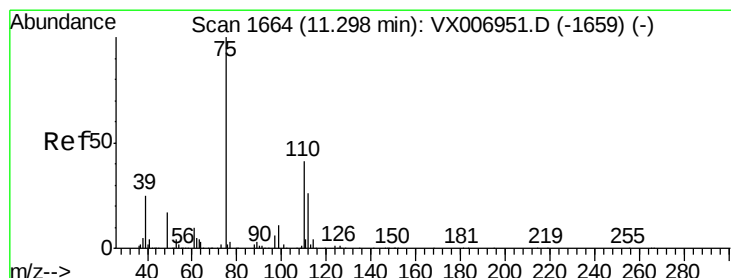
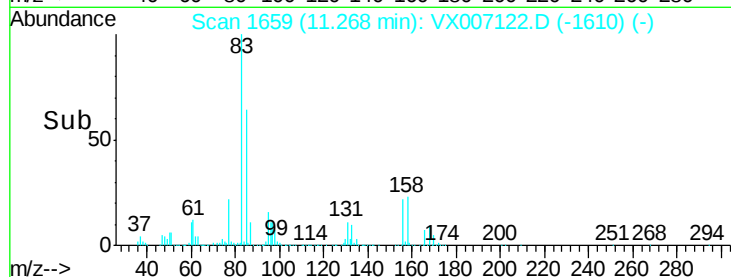
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

11.27

Time-->



#76

1,2,3-Trichloropropane

Concen: 58.252 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007122.D

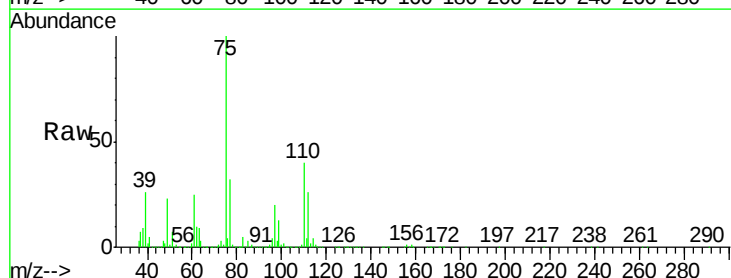
Acq: 18 Jan 2019 06:55

Tgt Ion: 75 Resp: 422861

Ion Ratio Lower Upper

75 100

77 32.9 18.5 55.5

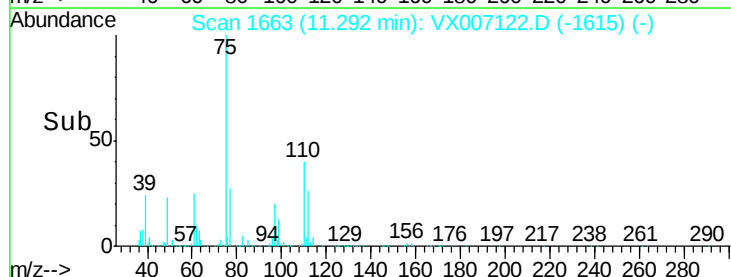


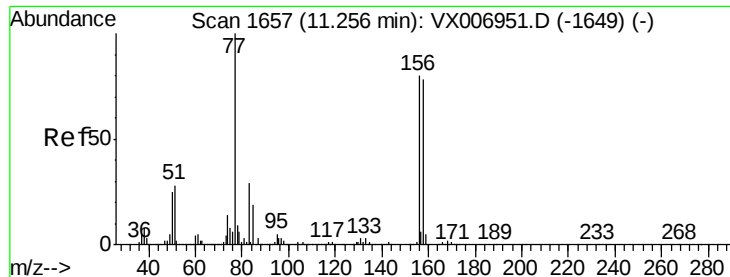
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.29

Time-->





#77

Bromobenzene

Concen: 47.122 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

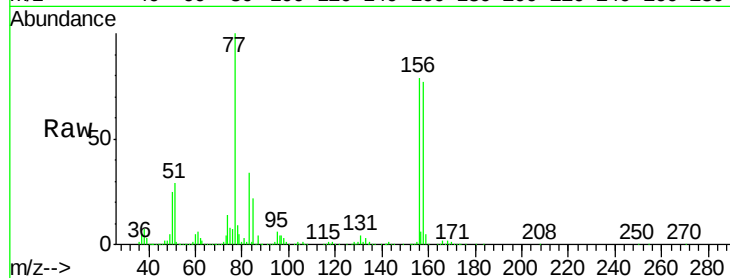
Tot Ion:156 Resp: 327967

Ion Ratio Lower Upper

156 100

77 133.0 68.0 204.0

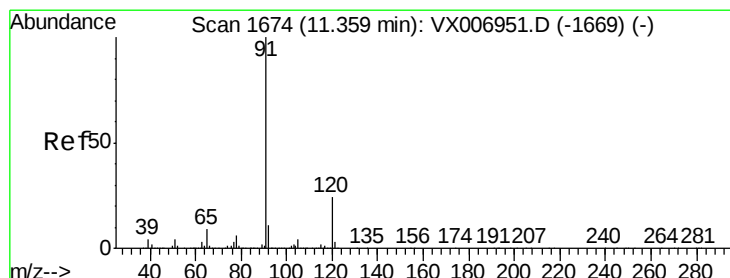
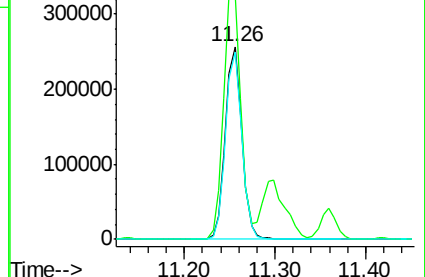
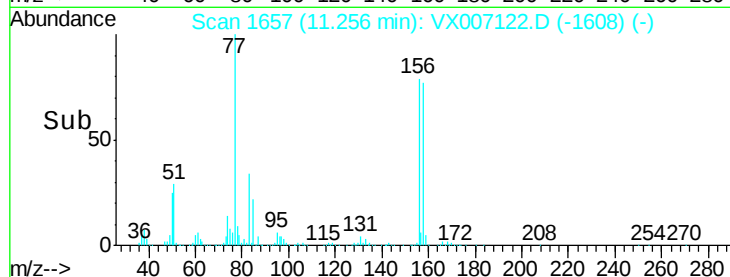
158 96.5 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.440 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007122.D

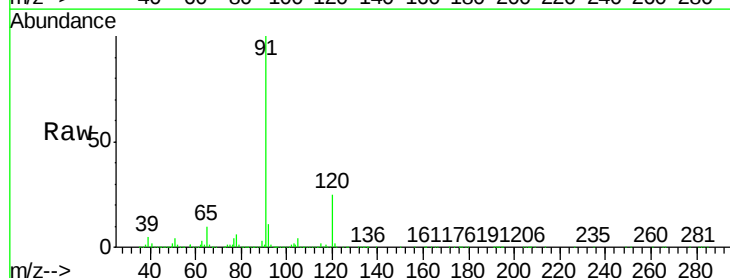
Acq: 18 Jan 2019 06:55

Tgt Ion: 91 Resp: 1315474

Ion Ratio Lower Upper

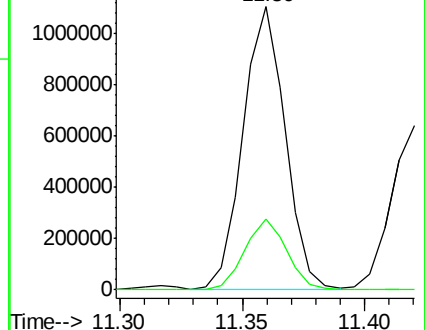
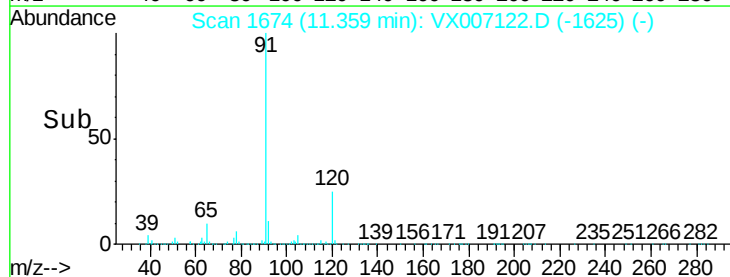
91 100

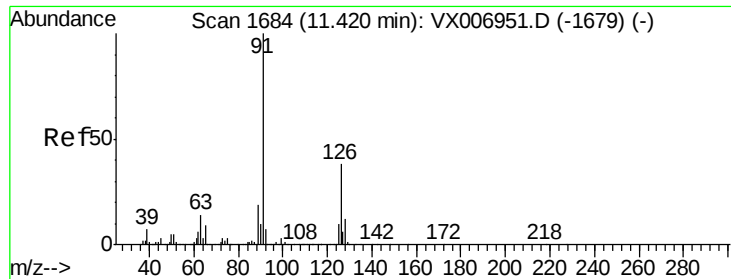
120 25.1 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

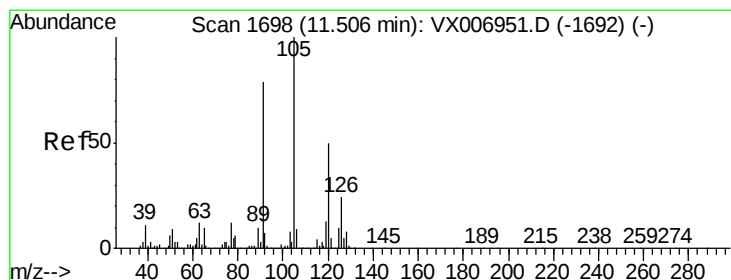
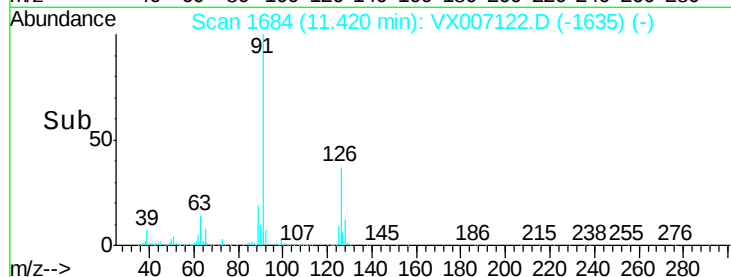
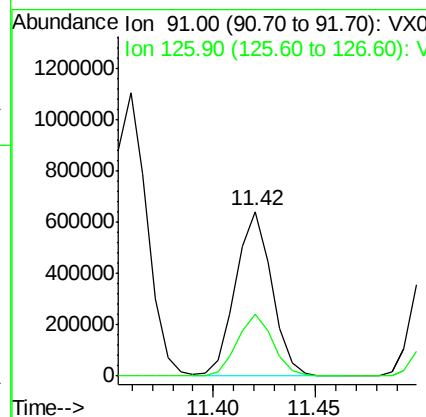
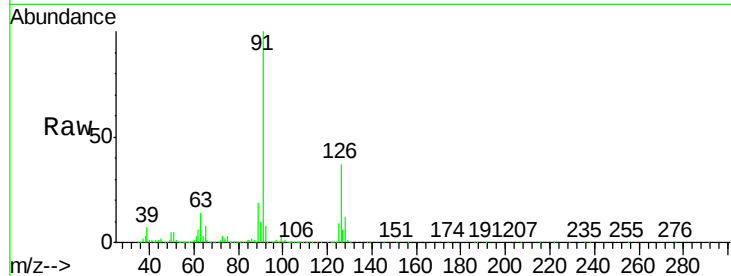




#79
 2-Chlorotoluene
 Concen: 46.940 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

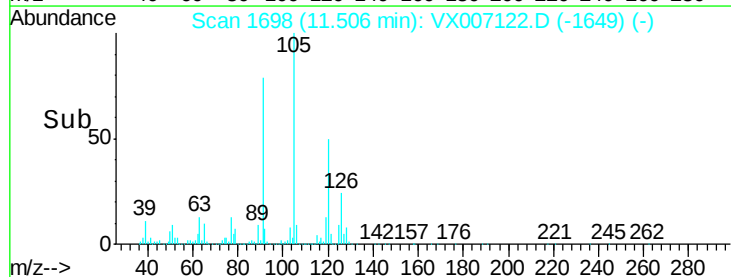
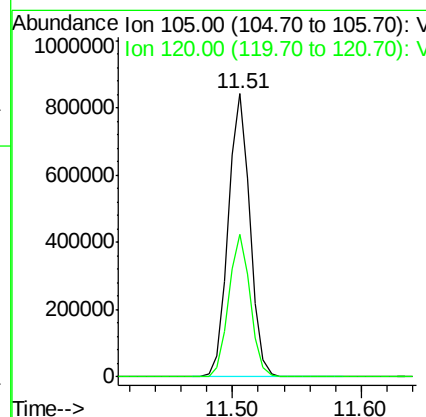
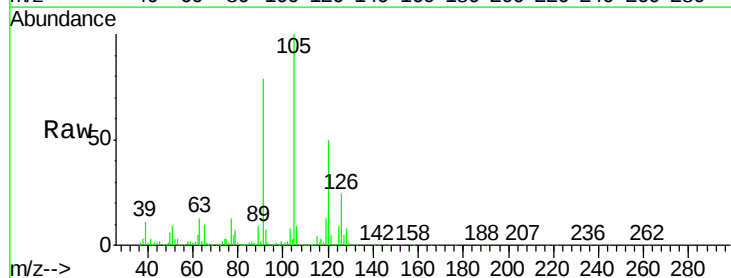
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

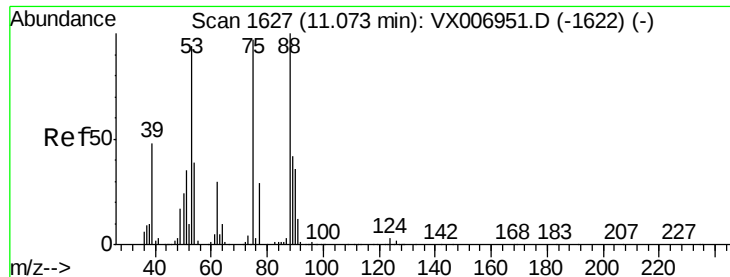
Tot Ion: 91 Resp: 783523
 Ion Ratio Lower Upper
 91 100
 126 37.5 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 47.204 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Tgt Ion: 105 Resp: 996302
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.1 75.3

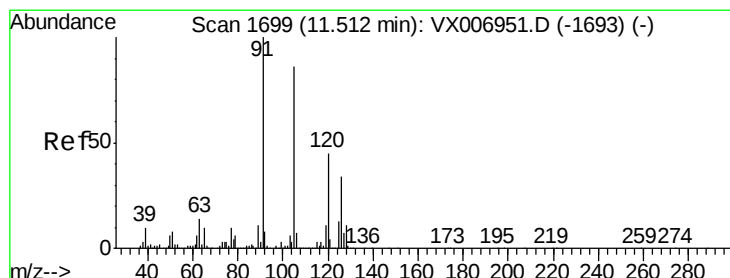
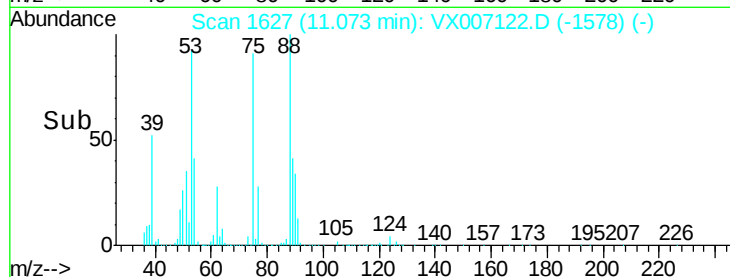
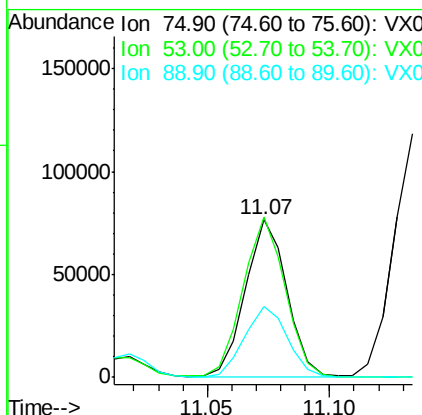
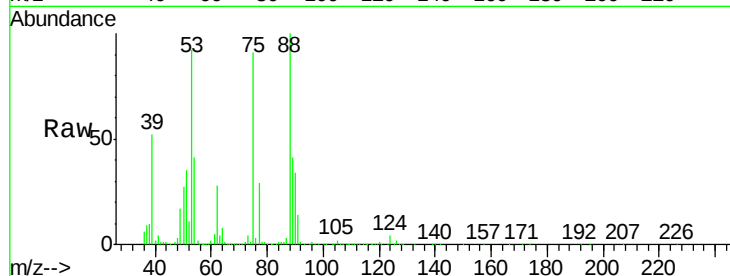




#81
trans-1,4-Dichloro-2-butene
Concen: 38.413 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

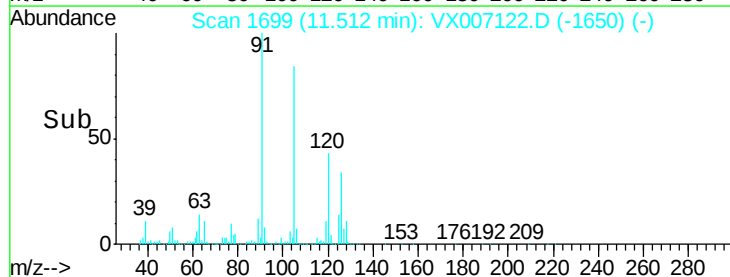
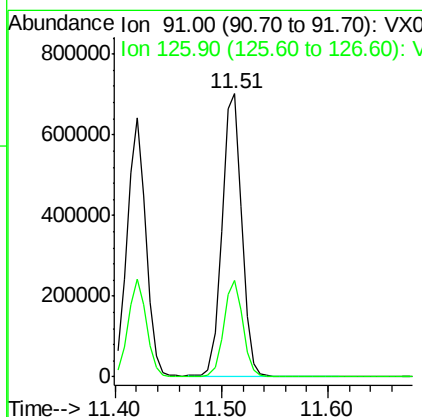
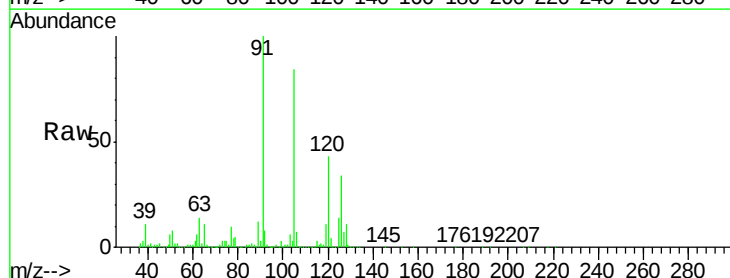
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 90118
Ion Ratio Lower Upper
75 100
53 103.9 79.7 119.5
89 47.8 38.0 57.0



#82
4-Chlorotoluene
Concen: 46.942 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion: 91 Resp: 907228
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.9





#83

tert-Butylbenzene

Concen: 47.685 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

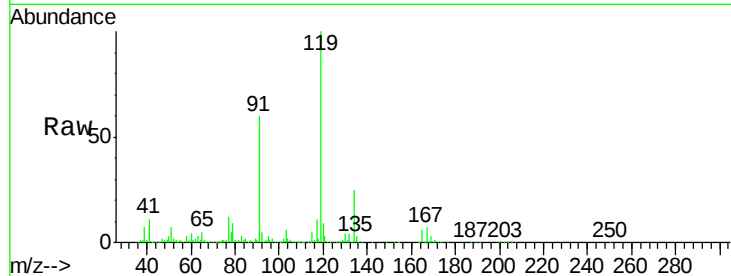
Tot Ion:119 Resp: 1004158

Ion Ratio Lower Upper

119 100

91 55.0 27.7 83.1

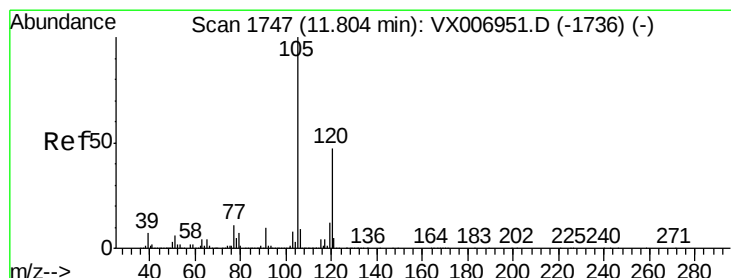
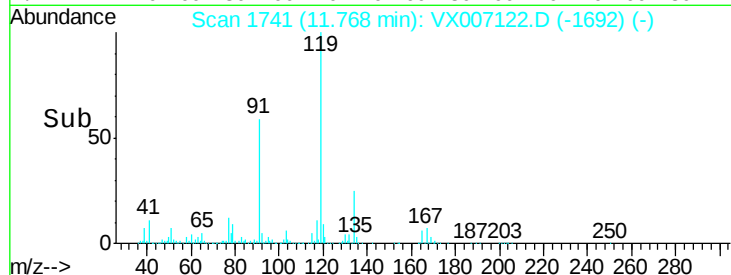
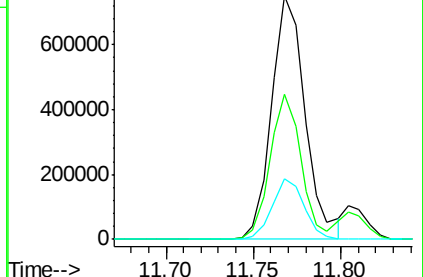
134 23.7 11.9 35.5



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: 47.618 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007122.D

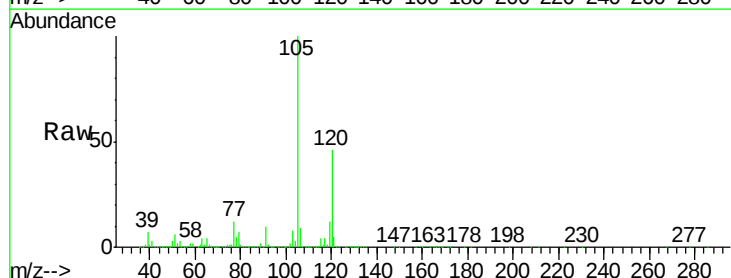
Acq: 18 Jan 2019 06:55

Tgt Ion:105 Resp: 1010655

Ion Ratio Lower Upper

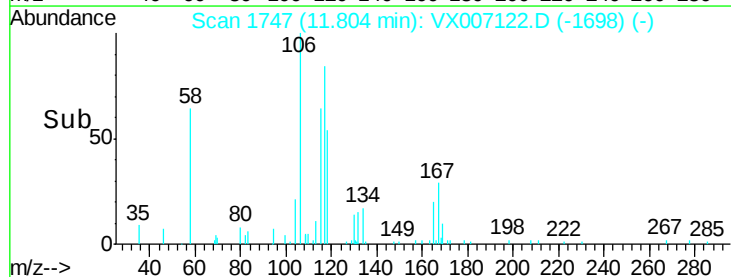
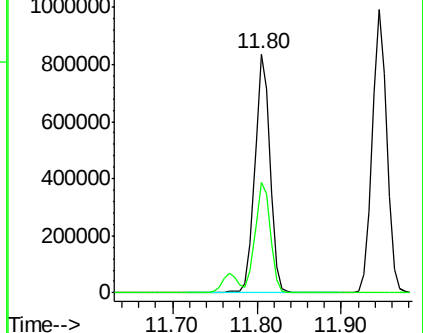
105 100

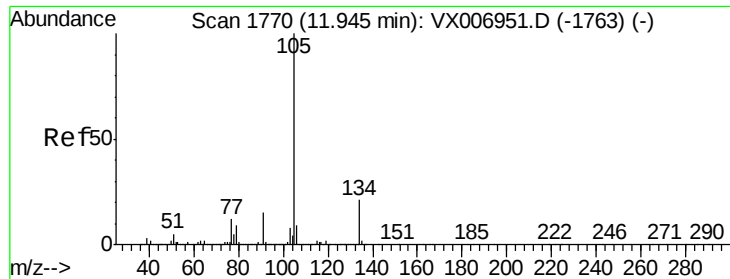
120 46.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.557 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

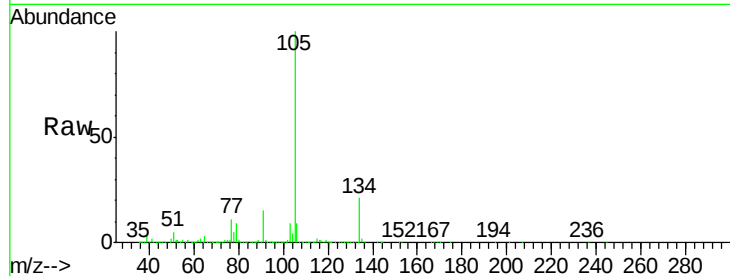
VSTDCCC050EC

Tot Ion:105 Resp: 1196012

Ion Ratio Lower Upper

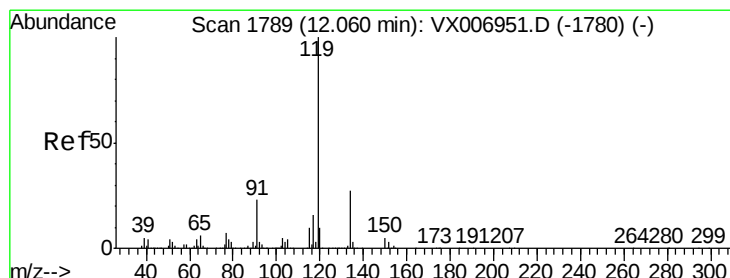
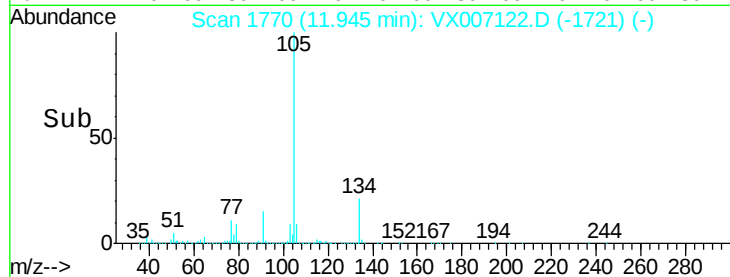
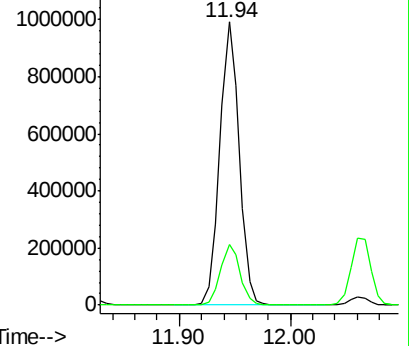
105 100

134 21.6 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.686 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

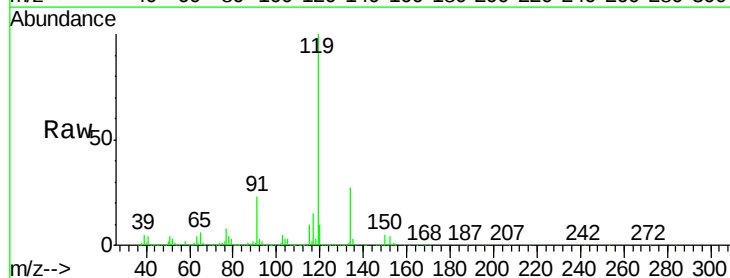
Tgt Ion:119 Resp: 1072716

Ion Ratio Lower Upper

119 100

134 27.3 14.0 41.9

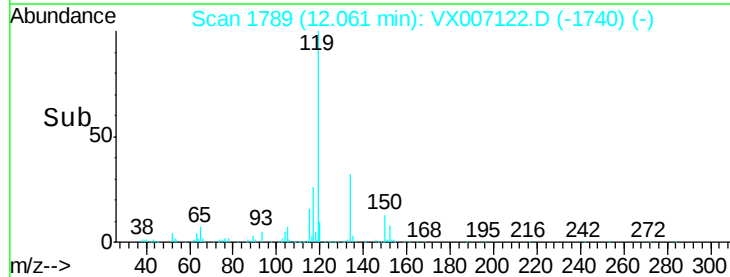
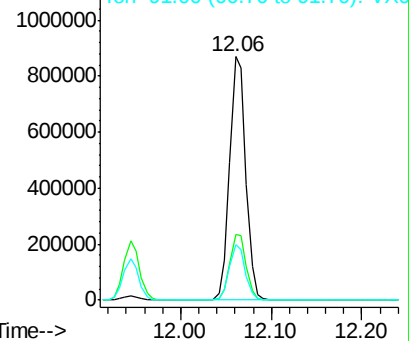
91 22.3 11.3 33.9

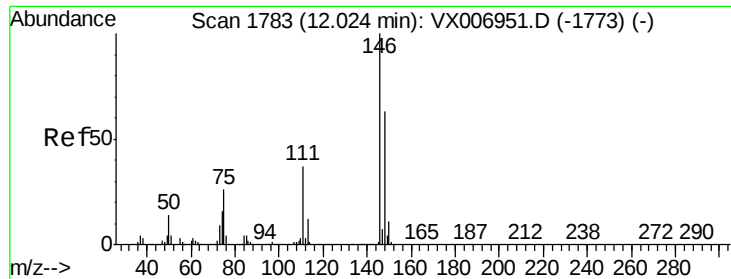


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

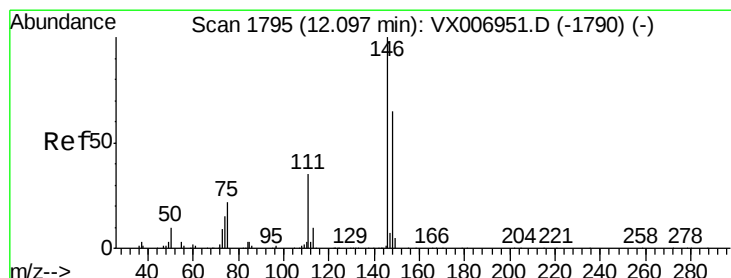
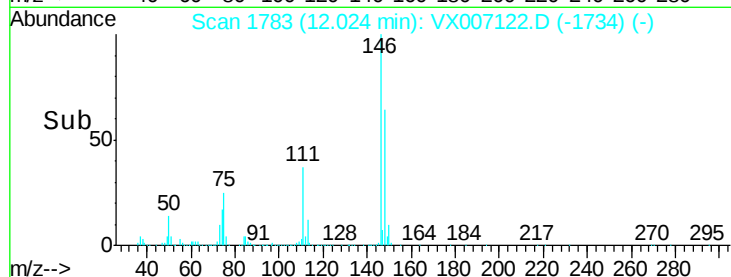
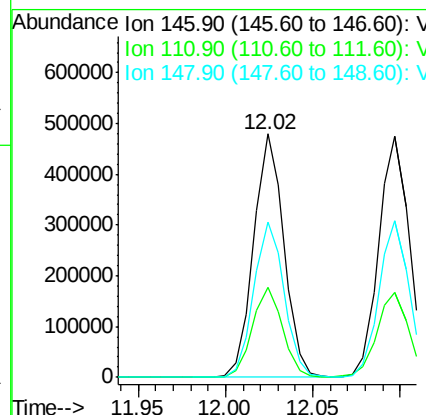
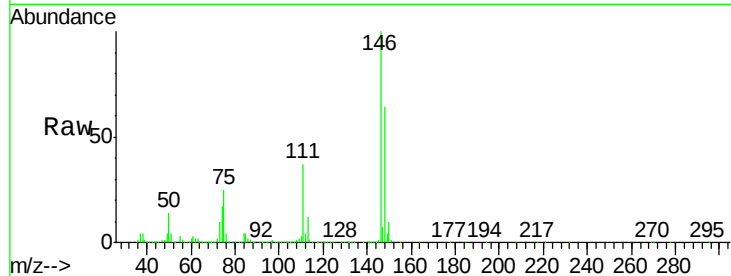




#87
 1,3-Dichlorobenzene
 Concen: 45.832 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

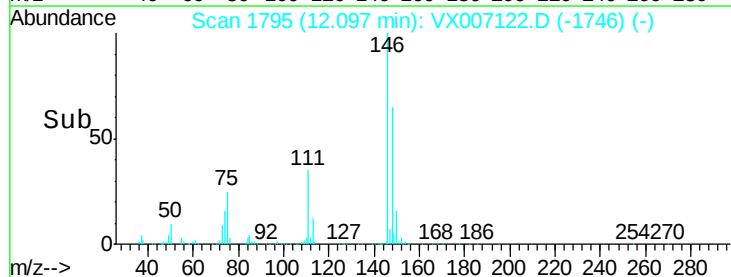
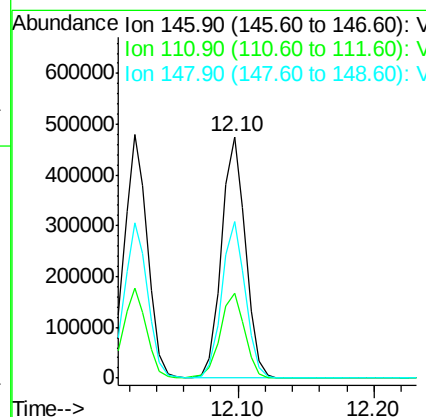
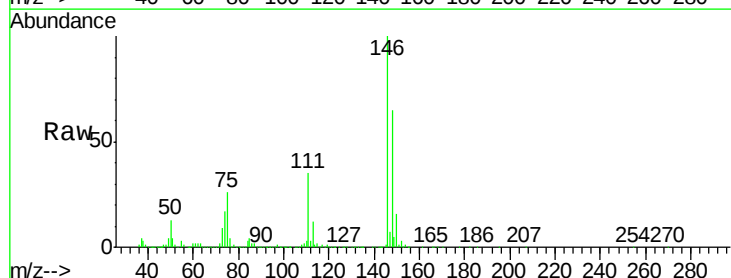
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 576560
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.6 55.8
 148 64.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.507 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Tgt Ion:146 Resp: 578119
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.1 54.1
 148 64.1 31.9 95.9

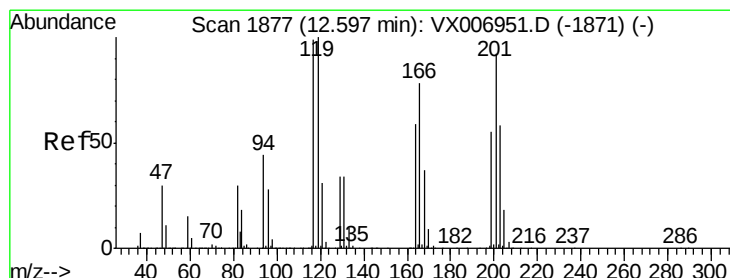
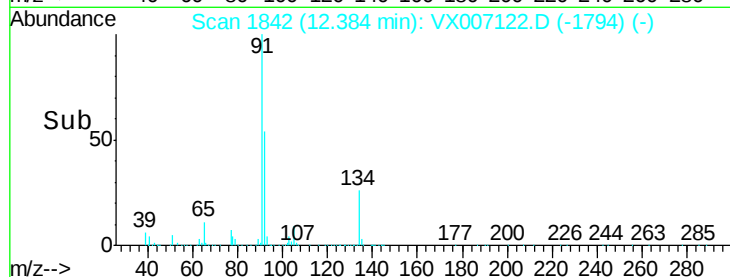
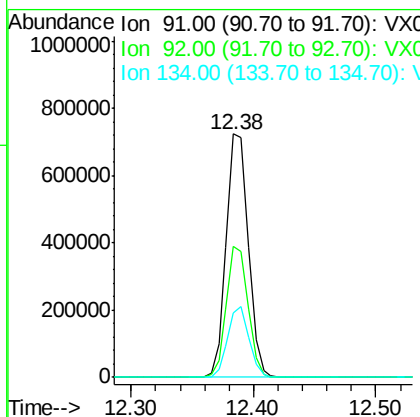
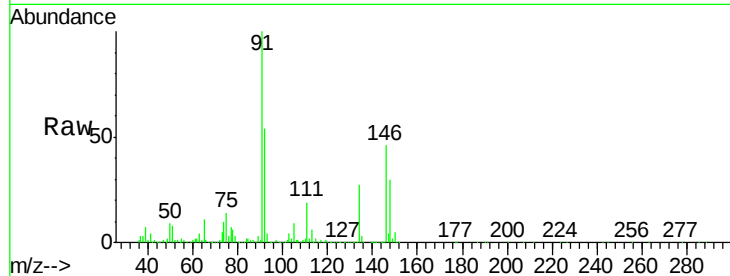




#89
n-Butylbenzene
Concen: 47.016 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

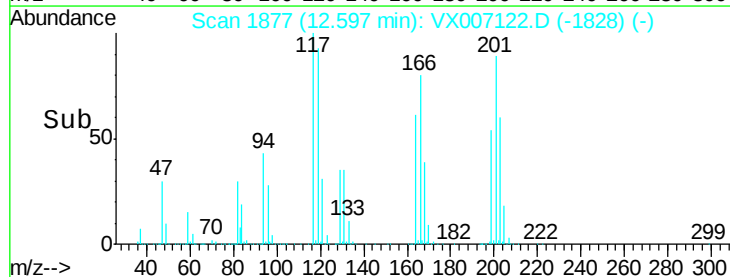
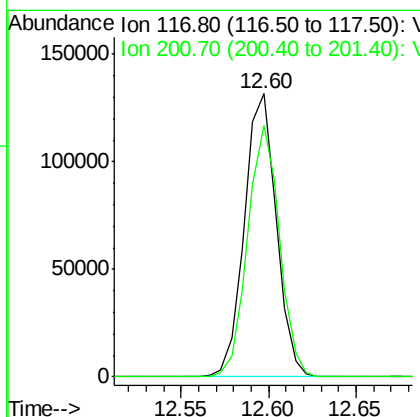
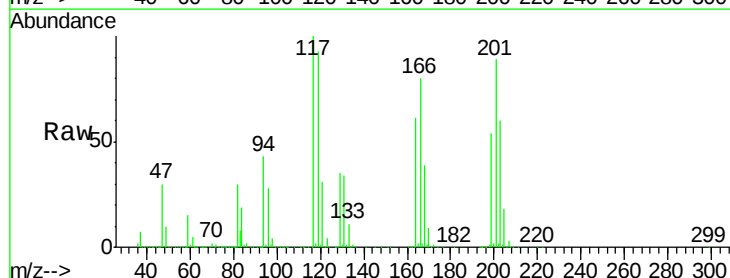
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

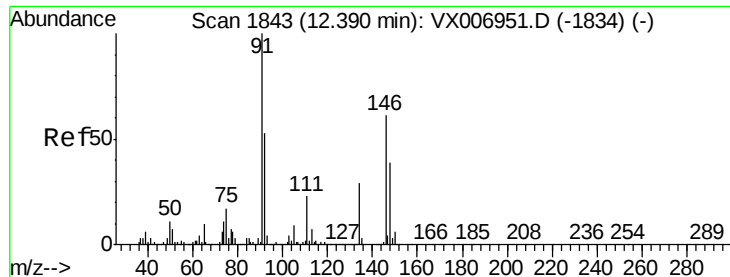
Tot Ion: 91 Resp: 901587
Ion Ratio Lower Upper
91 100
92 52.8 26.8 80.4
134 28.0 14.4 43.2



#90
Hexachloroethane
Concen: 46.741 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007122.D
Acq: 18 Jan 2019 06:55

Tgt Ion: 117 Resp: 167133
Ion Ratio Lower Upper
117 100
201 88.4 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 46.562 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

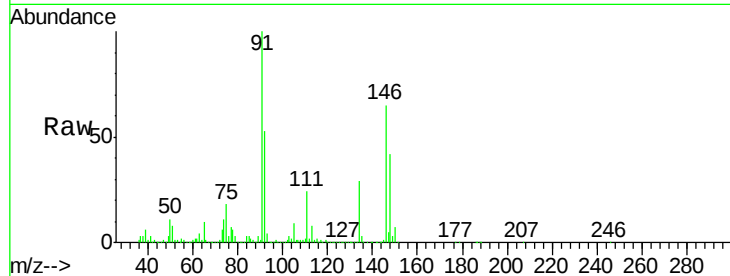
Tot Ion:146 Resp: 578051

Ion Ratio Lower Upper

146 100

111 37.9 19.4 58.2

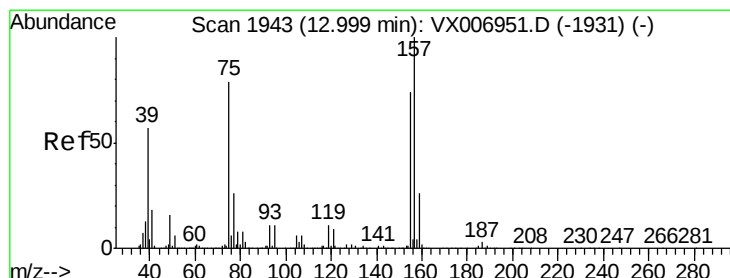
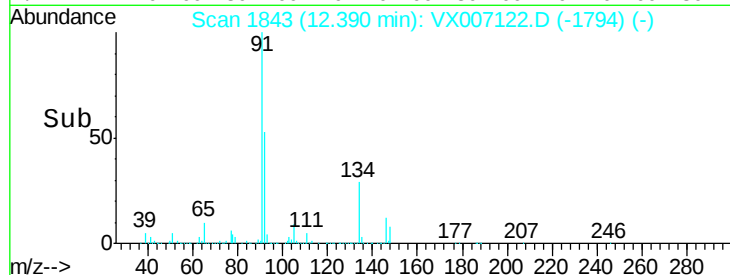
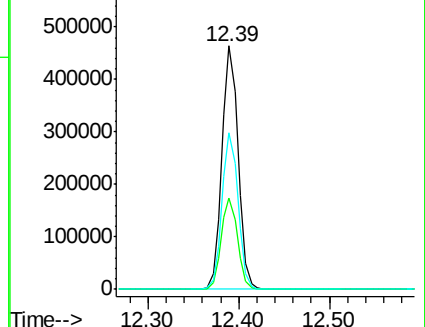
148 63.8 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.675 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

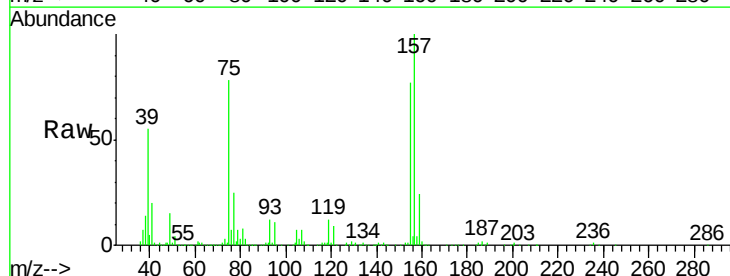
Tgt Ion: 75 Resp: 77196

Ion Ratio Lower Upper

75 100

155 103.6 50.6 151.8

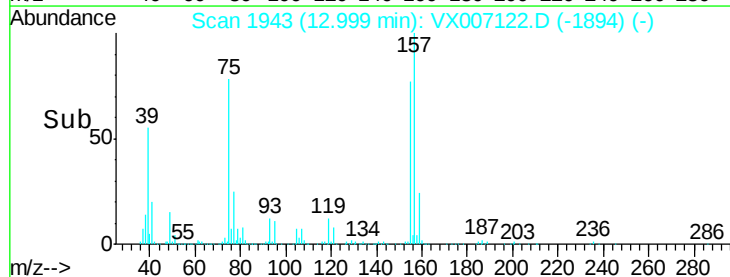
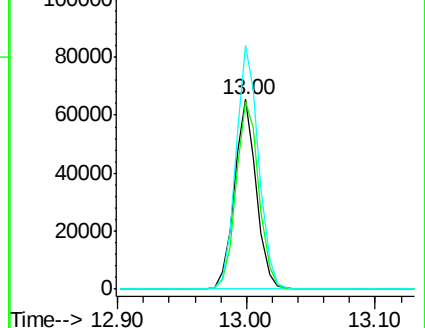
157 132.8 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

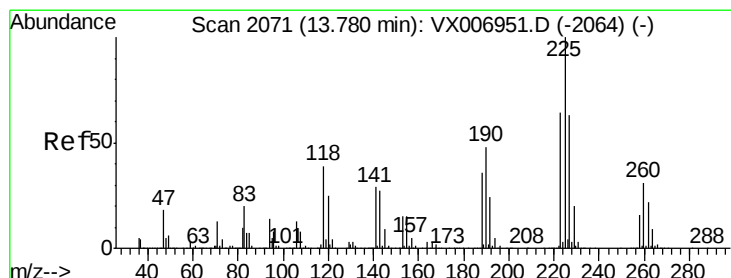
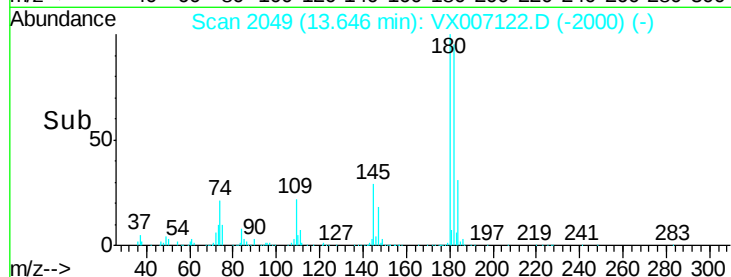
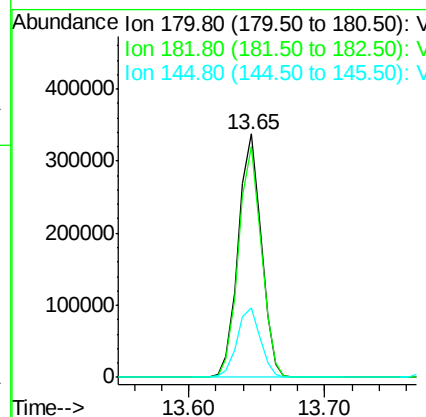
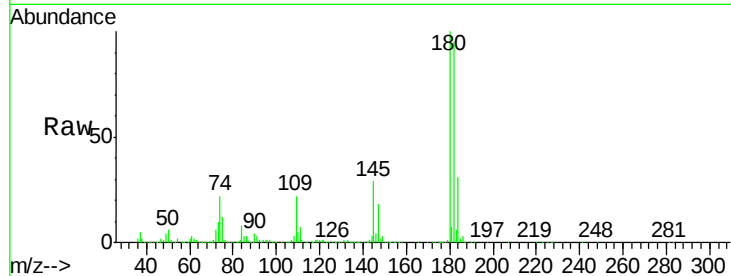




#93
 1,2,4-Trichlorobenzene
 Concen: 46.898 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

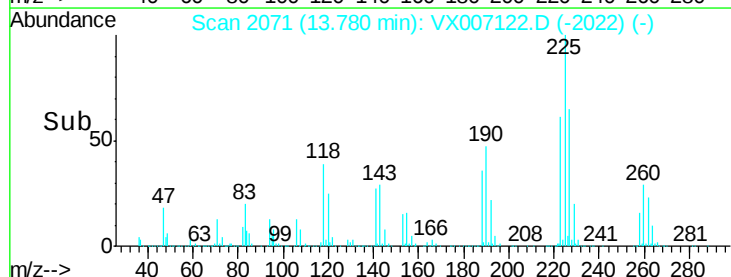
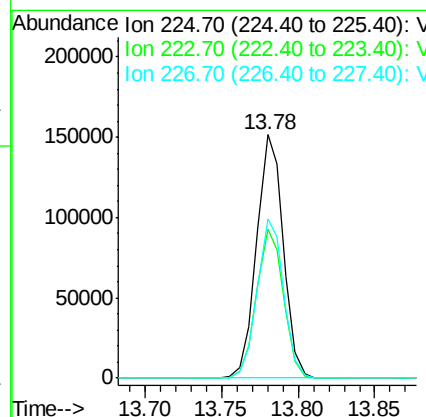
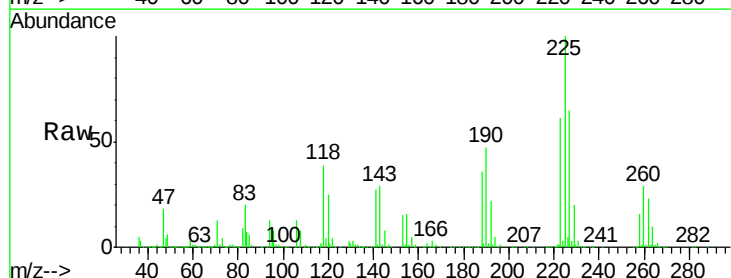
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 399440
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.3 142.0
 145 29.1 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 48.445 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007122.D
 Acq: 18 Jan 2019 06:55

Tgt Ion:225 Resp: 183105
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.1 96.3
 227 65.0 32.3 96.8





#95

Naphthalene

Concen: 48.260 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Instrument :

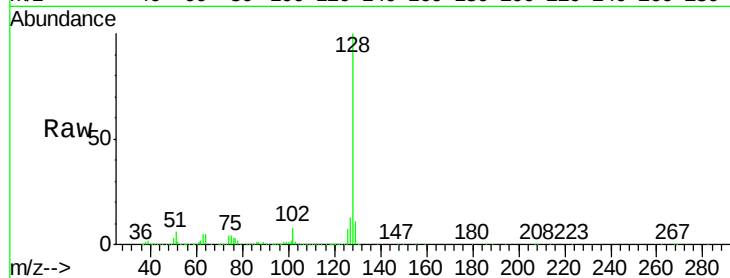
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1245546

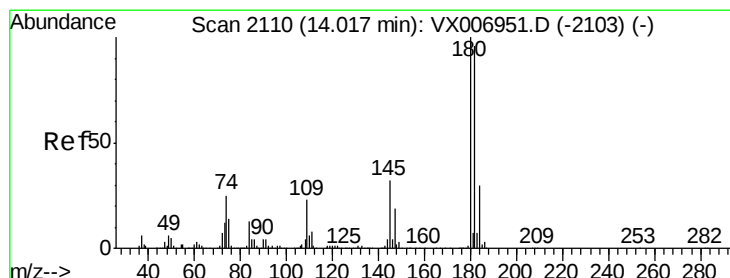
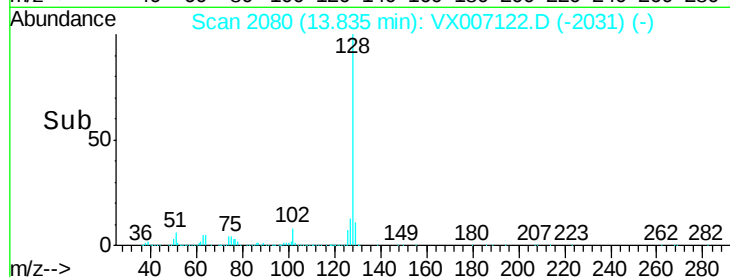
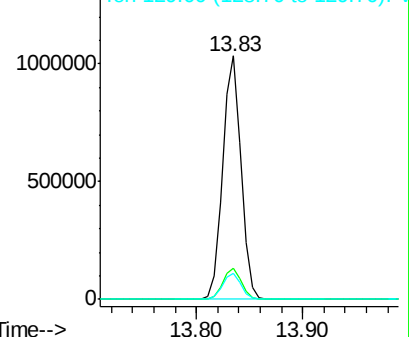
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	10.9	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.545 ug/l

RT: 14.02 min Scan# 2110

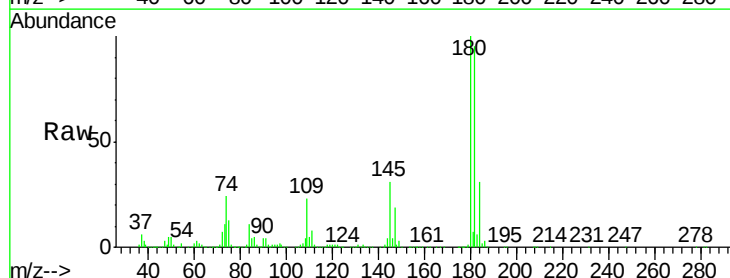
Delta R.T. 0.00 min

Lab File: VX007122.D

Acq: 18 Jan 2019 06:55

Tgt Ion:180 Resp: 402279

Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.5	145.5
145	30.3	16.0	47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

