

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
 Data File : VX007124.D
 Acq On : 18 Jan 2019 10:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 18 21:45:06 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	5.66	168	513194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	734737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	681648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	350751	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	253760	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	
35) Dibromofluoromethane	5.50	113	230691	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
50) Toluene-d8	8.71	98	866031	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	316945	52.79	ug/l	0.00
Spiked Amount			Recovery	=	105.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	211750	50.245	ug/l	99
3) Chloromethane	1.33	50	227616	46.395	ug/l	97
4) Vinyl Chloride	1.41	62	244627	46.353	ug/l	99
5) Bromomethane	1.64	94	239948	42.556	ug/l	97
6) Chloroethane	1.72	64	161723	43.887	ug/l	98
7) Trichlorofluoromethane	1.93	101	405745	47.583	ug/l	98
8) Diethyl Ether	2.19	74	155029	45.698	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	245209	48.032	ug/l	99
10) Methyl Iodide	2.51	142	350017	50.828	ug/l	100
11) Tert butyl alcohol	3.07	59	285453	225.624	ug/l	99
12) 1,1-Dichloroethene	2.37	96	220548	46.760	ug/l	99
13) Acrolein	2.29	56	131961	241.943	ug/l	99
14) Allyl chloride	2.73	41	380634	47.088	ug/l	99
15) Acrylonitrile	3.15	53	694783	239.220	ug/l	99
16) Acetone	2.45	43	725381	273.579	ug/l	100
17) Carbon Disulfide	2.57	76	493676	40.654	ug/l	99
18) Methyl Acetate	2.78	43	380893	49.605	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	773615	47.256	ug/l	99
20) Methylene Chloride	2.86	84	252495	50.068	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	235207	44.748	ug/l	99
22) Diisopropyl ether	3.87	45	737081	48.503	ug/l	95
23) Vinyl Acetate	3.82	43	3183525	248.407	ug/l	99
24) 1,1-Dichloroethane	3.70	63	427615	50.322	ug/l	100
25) 2-Butanone	4.70	43	954204	251.514	ug/l	100
26) 2,2-Dichloropropane	4.59	77	312718	47.858	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	270835	46.714	ug/l	98
28) Bromochloromethane	5.02	49	173638	46.639	ug/l	97
29) Tetrahydrofuran	5.15	42	586711	237.966	ug/l	97
30) Chloroform	5.21	83	432577	48.621	ug/l	99
31) Cyclohexane	5.57	56	355516	47.007	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	365385	48.453	ug/l	98
36) 1,1-Dichloropropene	5.80	75	311046	48.693	ug/l	98
37) Ethyl Acetate	4.85	43	337835	49.330	ug/l	99
38) Carbon Tetrachloride	5.78	117	318474	49.552	ug/l	99

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 VSTDCCC050

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	400903	49.229	ug/l	96
40) Benzene	6.14	78	951960	48.840	ug/l	99
41) Methacrylonitrile	5.06	41	186950	47.386	ug/l	99
42) 1,2-Dichloroethane	6.20	62	328152	48.720	ug/l	99
43) Isopropyl Acetate	6.46	43	544392	50.395	ug/l	98
44) Trichloroethene	7.21	130	285118	48.815	ug/l	96
45) 1,2-Dichloropropane	7.51	63	242134	49.413	ug/l	99
46) Dibromomethane	7.66	93	172134	49.982	ug/l	98
47) Bromodichloromethane	7.90	83	305799	52.166	ug/l	99
48) Methyl methacrylate	7.77	41	281490	50.742	ug/l	98
49) 1,4-Dioxane	7.75	88	122594	967.407	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1803827	259.830	ug/l	100
52) Toluene	8.78	92	623085	49.736	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	346140	53.251	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	374164	52.123	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	266133	53.073	ug/l	98
56) Ethyl methacrylate	9.18	69	388546	53.077	ug/l	97
57) 1,3-Dichloropropane	9.37	76	420598	51.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1045677	277.821	ug/l	99
59) 2-Hexanone	9.49	43	1399660	264.564	ug/l	100
60) Dibromochloromethane	9.58	129	272396	55.943	ug/l	98
61) 1,2-Dibromoethane	9.67	107	287633	52.104	ug/l	100
64) Tetrachloroethene	9.34	164	290173	49.169	ug/l	96
65) Chlorobenzene	10.14	112	733141	49.313	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	265681	53.122	ug/l	98
67) Ethyl Benzene	10.25	91	1216016	49.545	ug/l	99
68) m/p-Xylenes	10.36	106	963669	99.657	ug/l	98
69) o-Xylene	10.70	106	472144	50.065	ug/l	98
70) Styrene	10.71	104	764564	51.189	ug/l	99
71) Bromoform	10.86	173	202406	45.686	ug/l	97
73) Isopropylbenzene	11.02	105	1265863	51.182	ug/l	99
74) N-amyl acetate	10.90	43	491589	49.366	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	381032	48.528	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	445273	62.646	ug/l	93
77) Bromobenzene	11.26	156	338955	49.738	ug/l	98
78) n-propylbenzene	11.36	91	1430170	52.674	ug/l	98
79) 2-Chlorotoluene	11.42	91	822764	50.340	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1051190	50.865	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	108614	46.409	ug/l	97
82) 4-Chlorotoluene	11.51	91	972373	51.384	ug/l	100
83) tert-Butylbenzene	11.77	119	1068616	51.826	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1069228	51.451	ug/l	100
85) sec-Butylbenzene	11.94	105	1291037	52.428	ug/l	100
86) p-Isopropyltoluene	12.06	119	1165877	52.931	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	608815	49.426	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	614265	52.625	ug/l	99
89) n-Butylbenzene	12.39	91	1006191	53.587	ug/l	99
90) Hexachloroethane	12.60	117	177375	50.417	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	601641	49.494	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	79188	50.994	ug/l	99

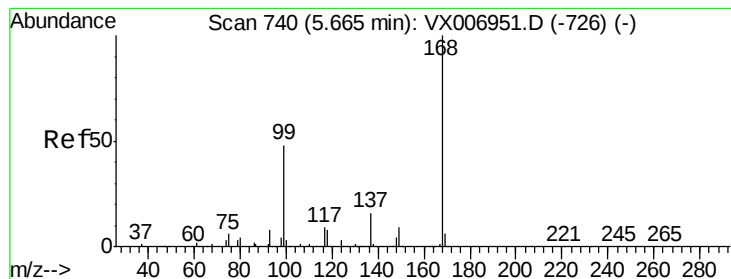
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	436488	52.338	ug/l	99
94) Hexachlorobutadiene	13.78	225	208500	56.338	ug/l	98
95) Naphthalene	13.83	128	1301412	51.498	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	427356	51.585	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

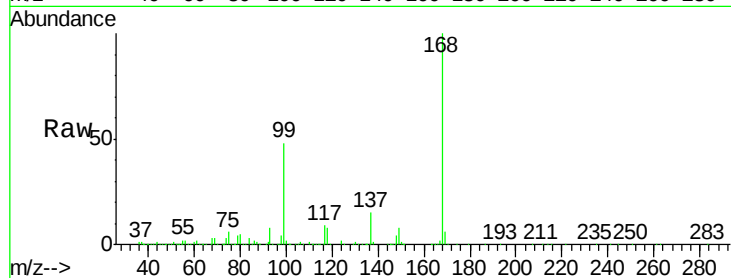
VSTDCCC050

Tot Ion:168 Resp: 513194

Ion Ratio Lower Upper

168 100

99 47.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

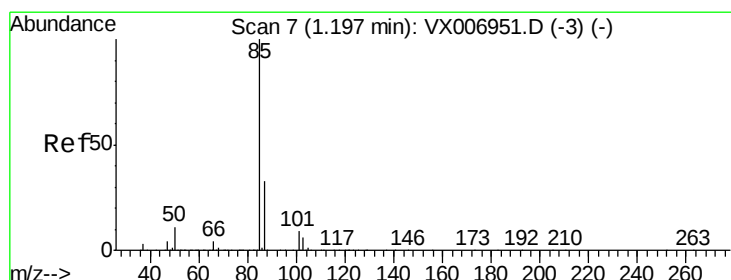
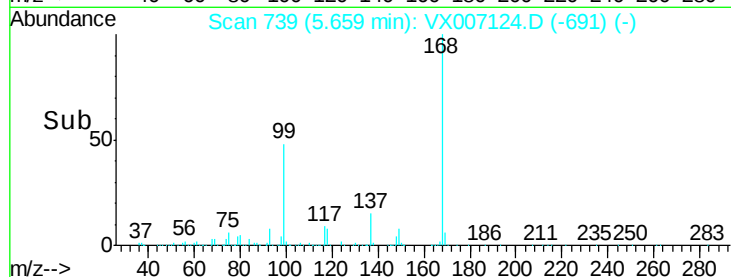
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.245 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007124.D

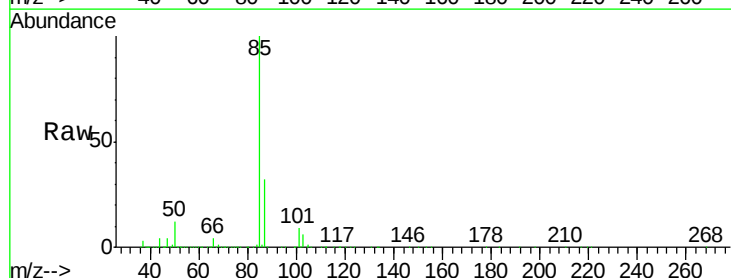
Acq: 18 Jan 2019 10:13

Tgt Ion: 85 Resp: 211750

Ion Ratio Lower Upper

85 100

87 32.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

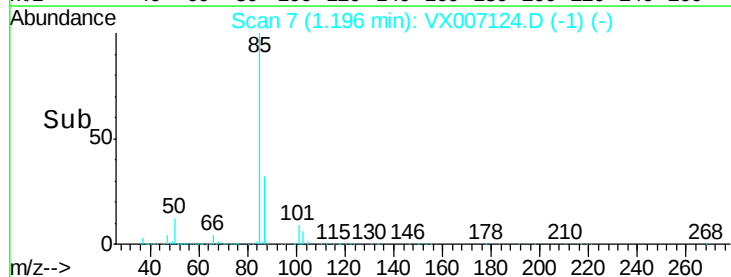
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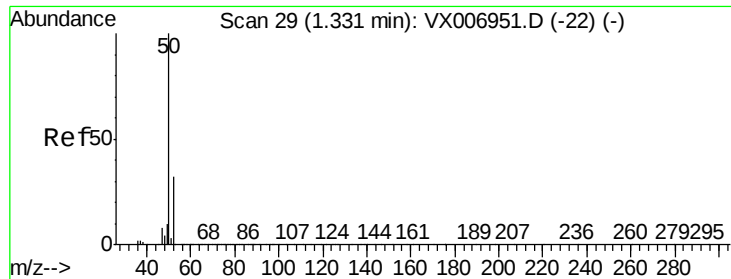
50000

0

1.15 1.20 1.25 1.30

Time-->

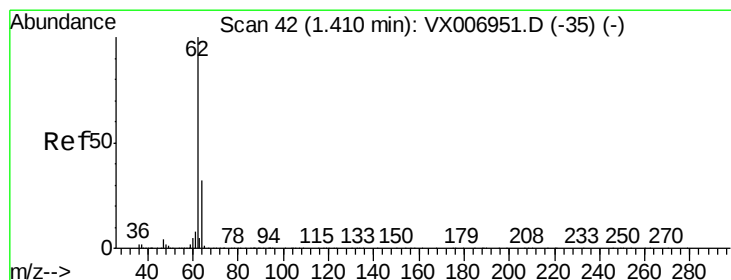
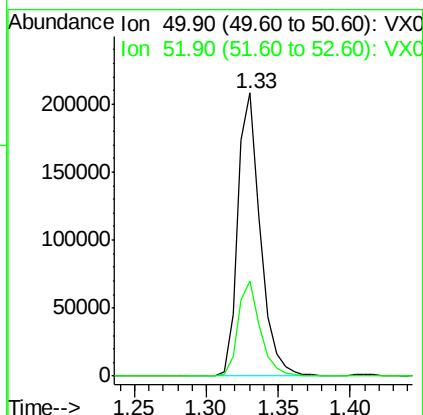
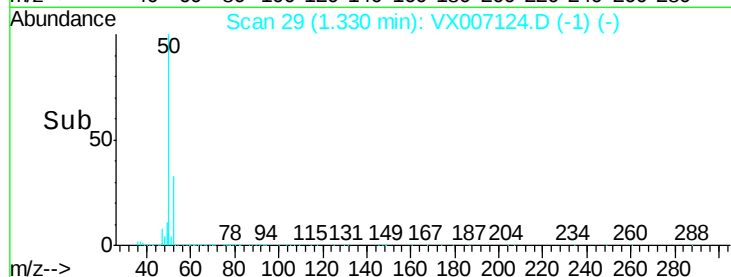
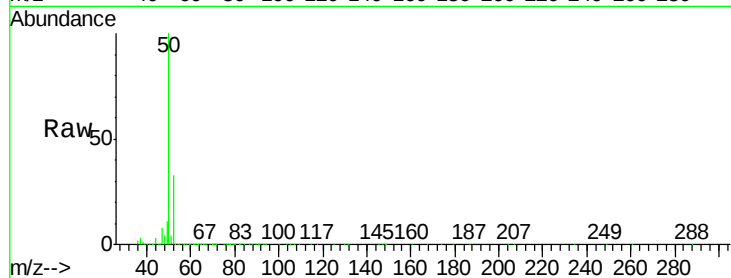




#3
Chloromethane
Concen: 46.395 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

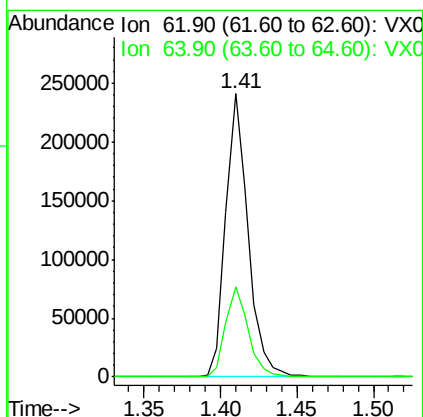
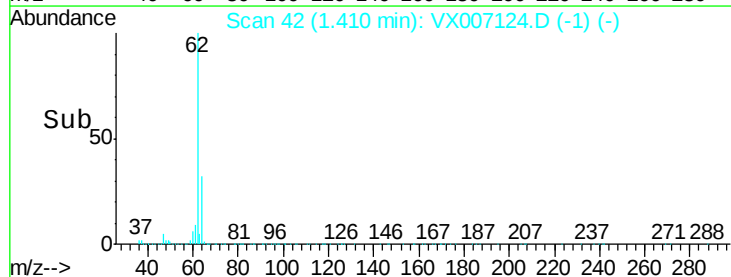
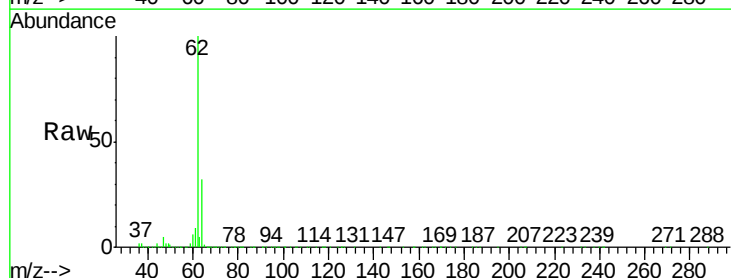
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

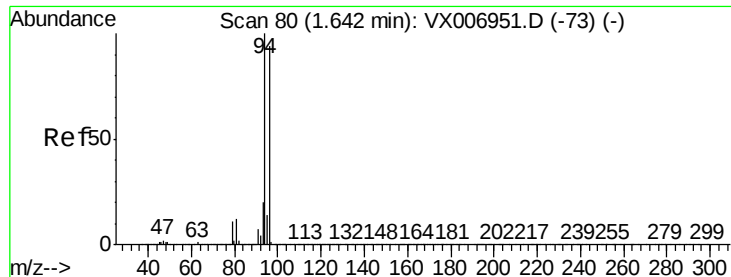
Tot Ion: 50 Resp: 227616
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2



#4
Vinyl Chloride
Concen: 46.353 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion: 62 Resp: 244627
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7





#5

Bromomethane

Concen: 42.556 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampled :

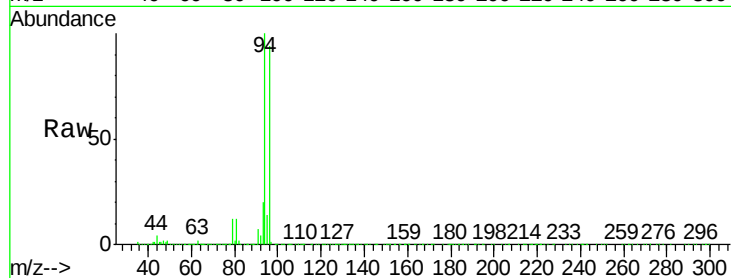
VSTDCCC050

Tot Ion: 94 Resp: 239948

Ion Ratio Lower Upper

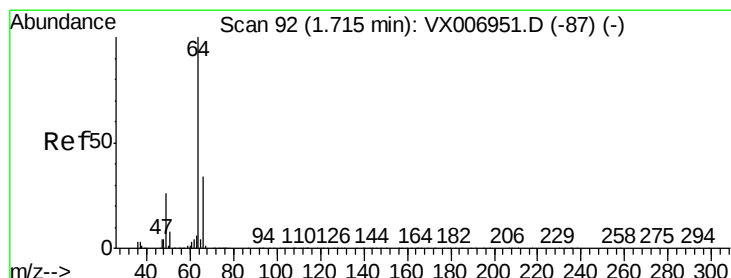
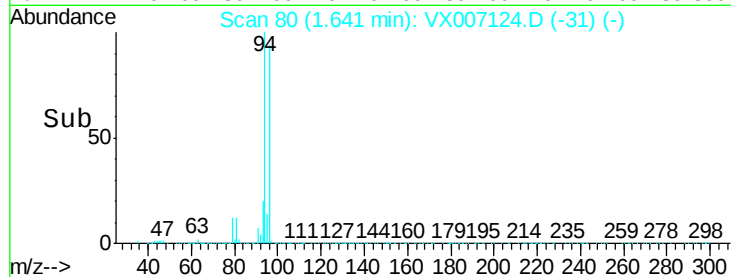
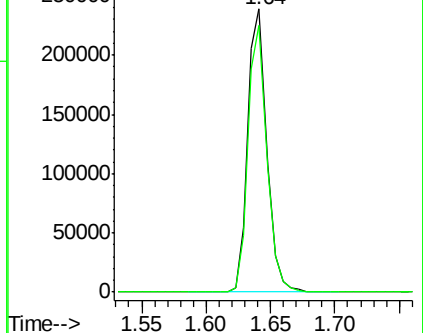
94 100

96 94.4 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.887 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007124.D

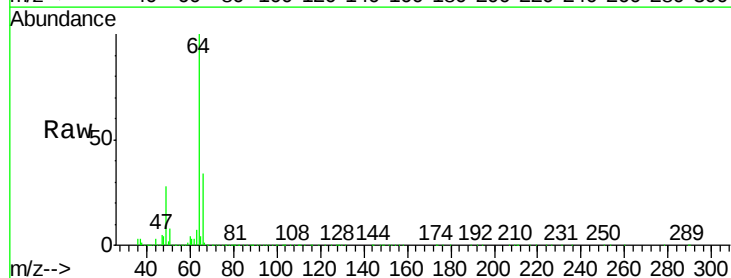
Acq: 18 Jan 2019 10:13

Tgt Ion: 64 Resp: 161723

Ion Ratio Lower Upper

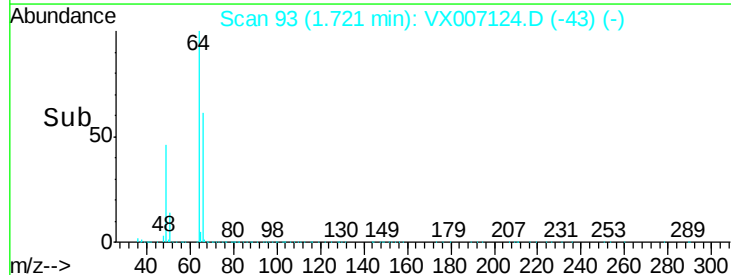
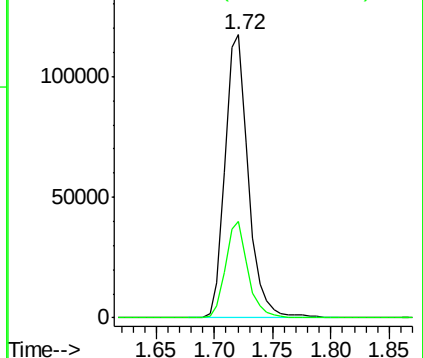
64 100

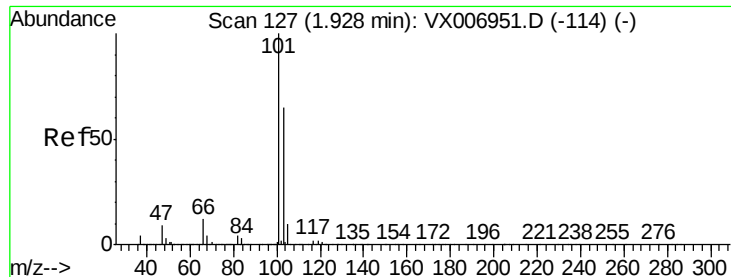
66 33.9 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



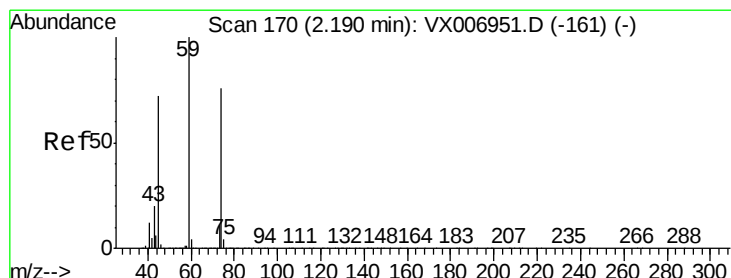
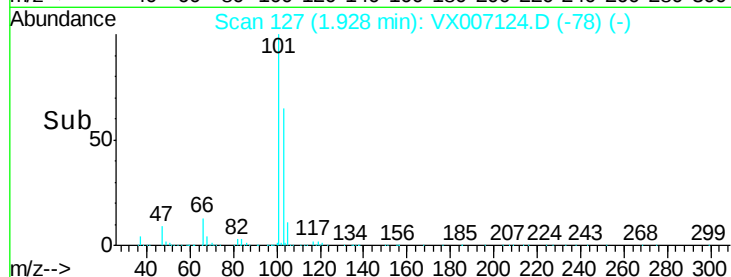
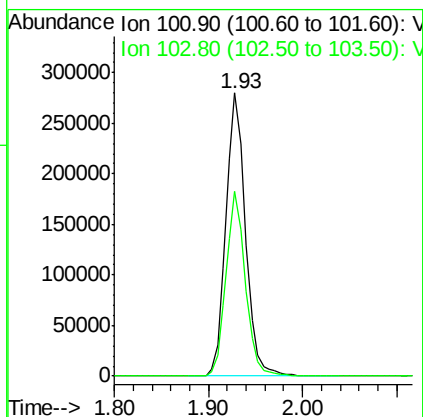
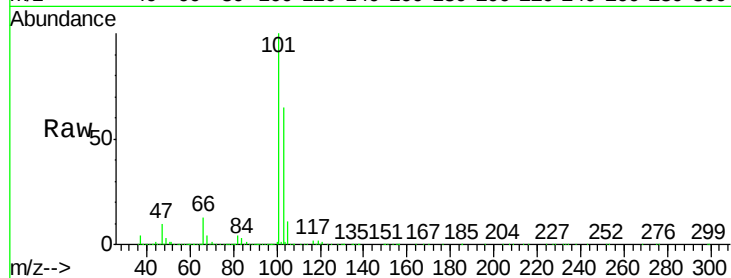


#7

Trichlorofluoromethane
Concen: 47.583 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Instrument :
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ClientSampleId :
VSTDCCC050

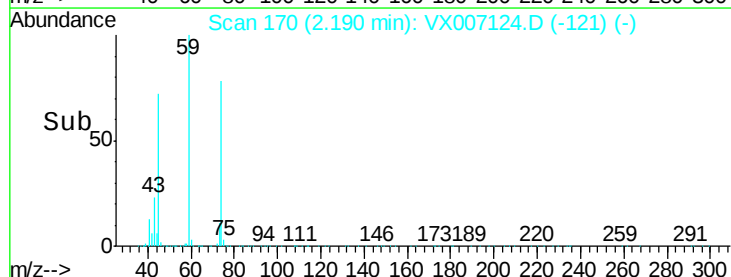
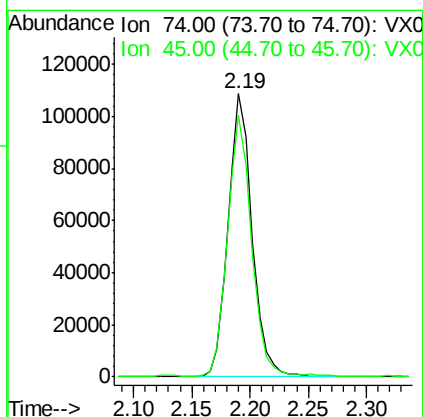
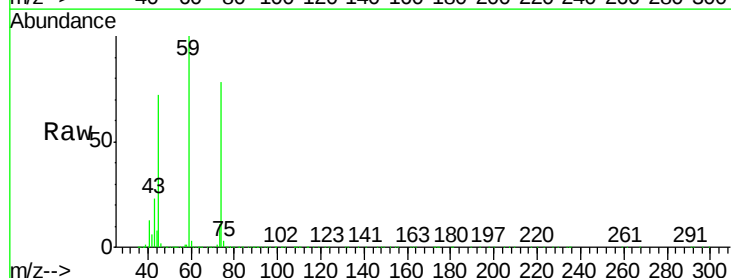
Tot Ion:101 Resp: 405745
Ion Ratio Lower Upper
101 100
103 65.2 53.2 79.8

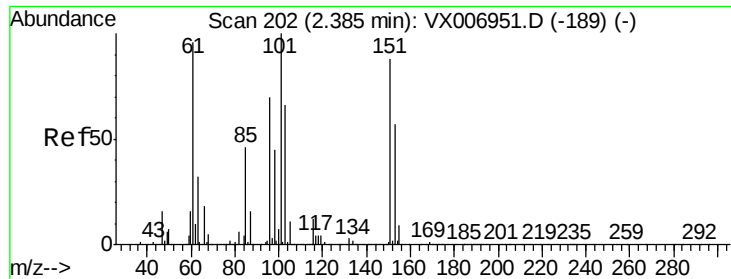


#8

Diethyl Ether
Concen: 45.698 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion: 74 Resp: 155029
Ion Ratio Lower Upper
74 100
45 92.0 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.032 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

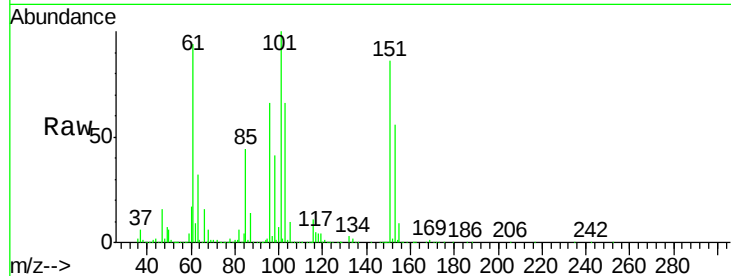
Tot Ion:101 Resp: 245209

Ion Ratio Lower Upper

101 100

85 44.1 35.1 52.7

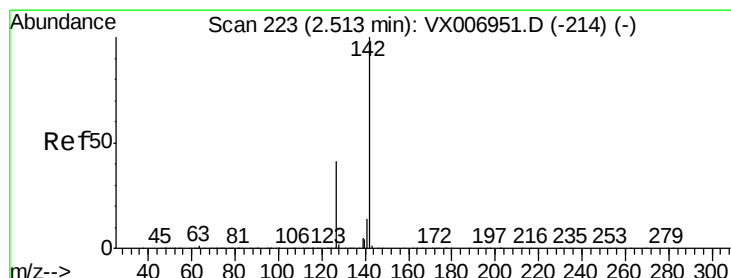
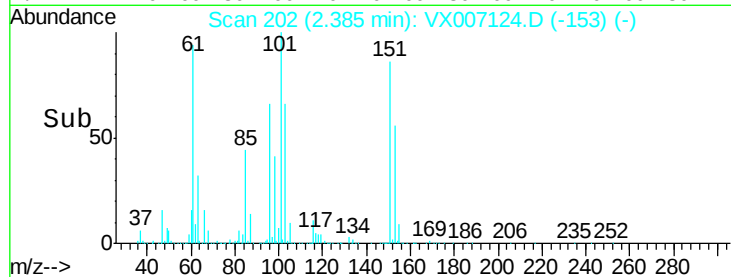
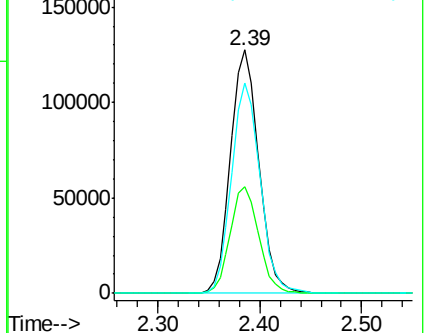
151 87.2 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.828 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

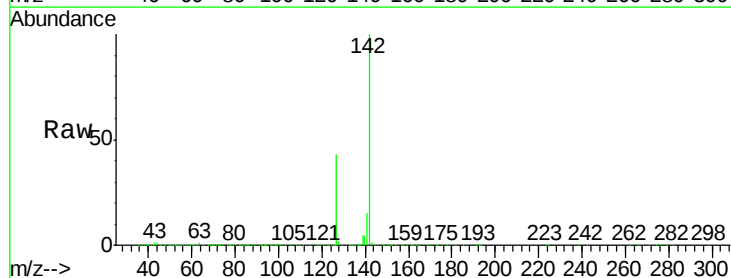
Tgt Ion:142 Resp: 350017

Ion Ratio Lower Upper

142 100

127 42.7 33.9 50.9

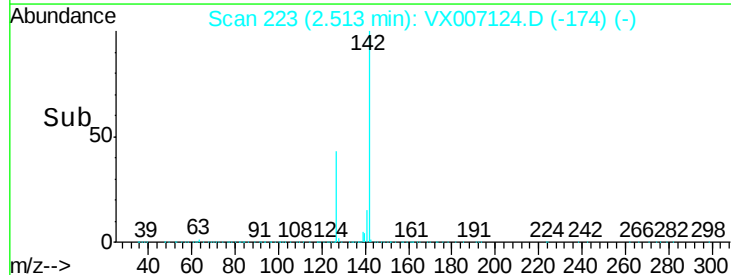
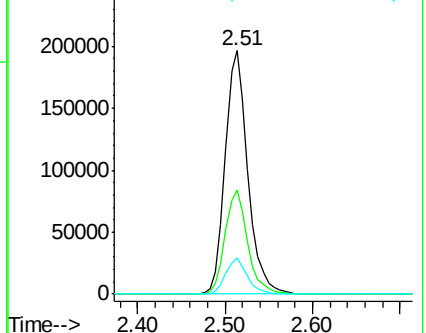
141 14.4 11.4 17.0

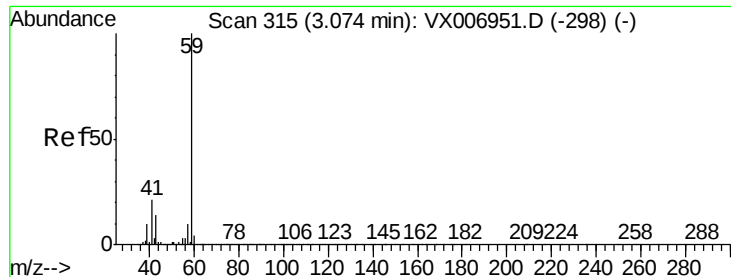


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



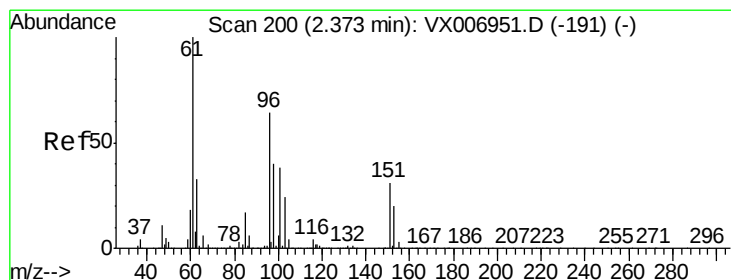
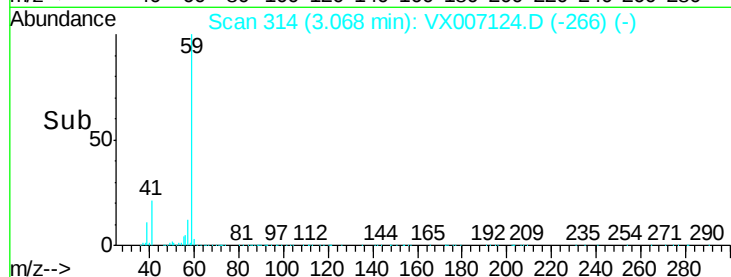
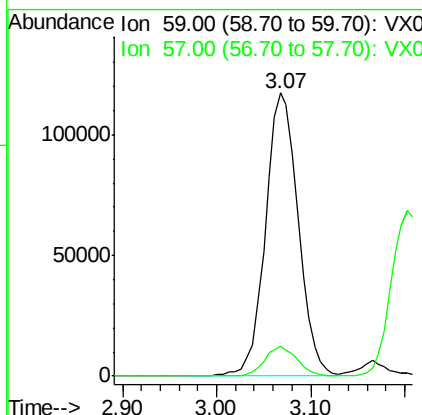
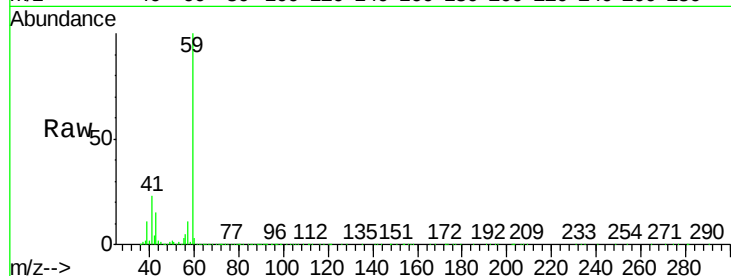


#11

Tert butyl alcohol
 Concen: 225.624 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

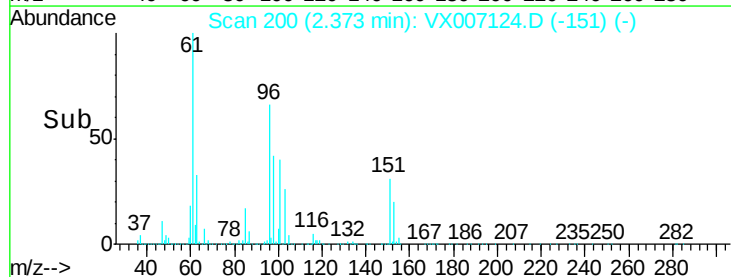
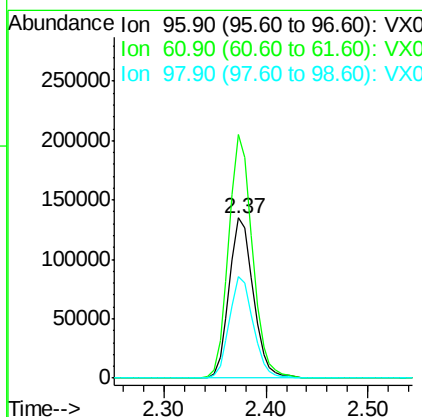
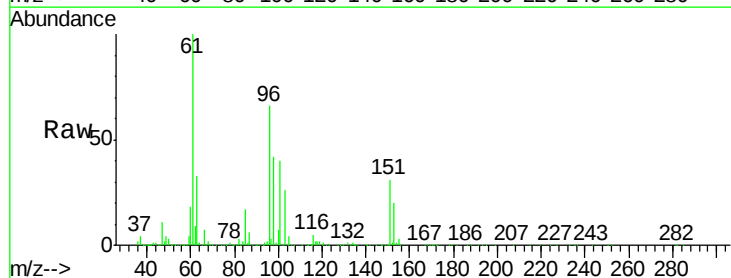
Tot Ion: 59 Resp: 285453
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.5 12.7

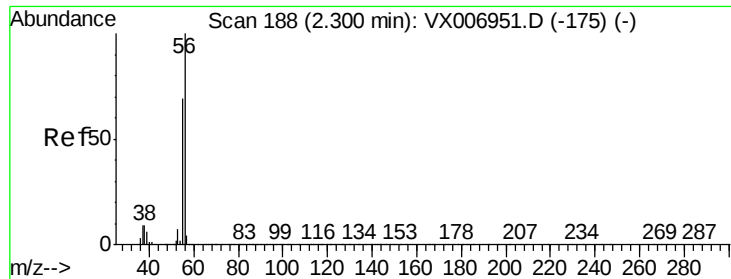


#12

1,1-Dichloroethene
 Concen: 46.760 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

Tgt Ion: 96 Resp: 220548
 Ion Ratio Lower Upper
 96 100
 61 152.0 121.4 182.2
 98 63.4 51.9 77.9





#13

Acrolein

Concen: 241.943 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

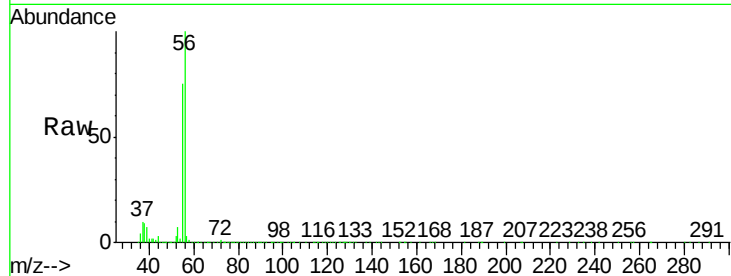
VSTDCCC050

Tot Ion: 56 Resp: 131961

Ion Ratio Lower Upper

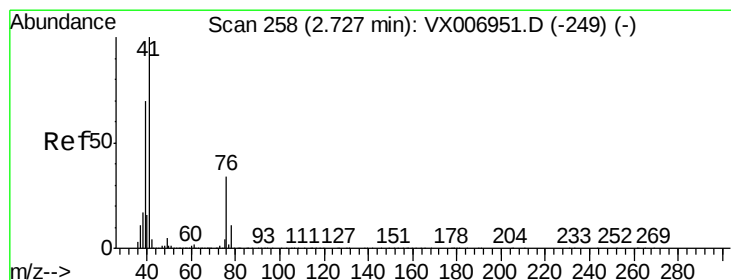
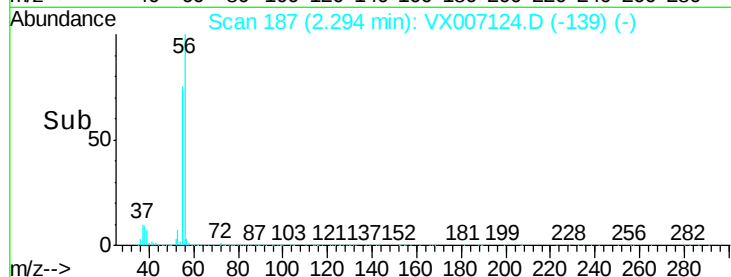
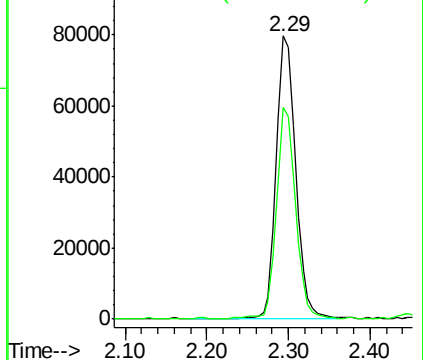
56 100

55 72.2 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.088 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

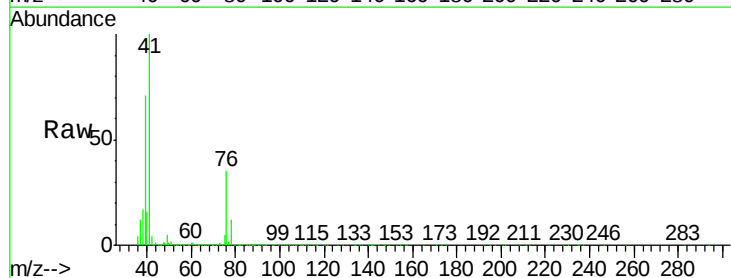
Tgt Ion: 41 Resp: 380634

Ion Ratio Lower Upper

41 100

39 67.8 53.6 80.4

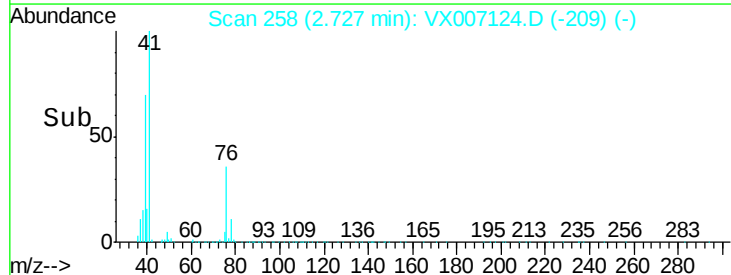
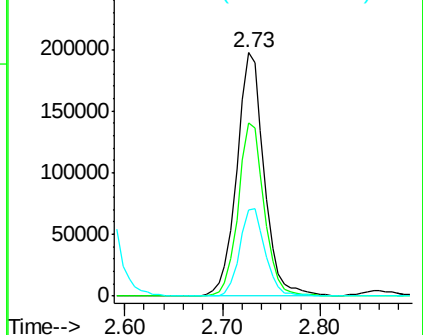
76 33.2 27.4 41.2

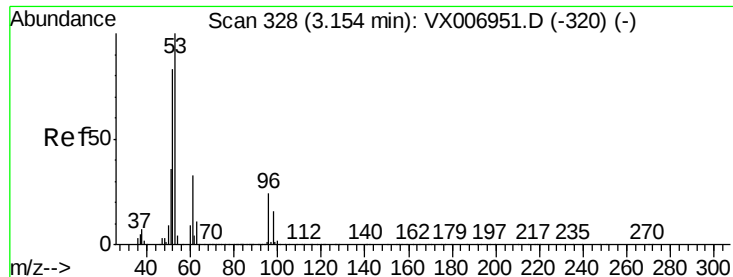


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 239.220 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

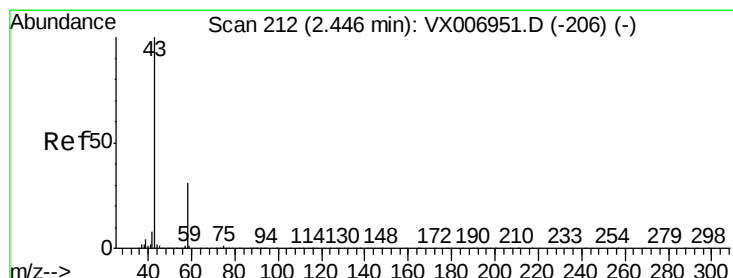
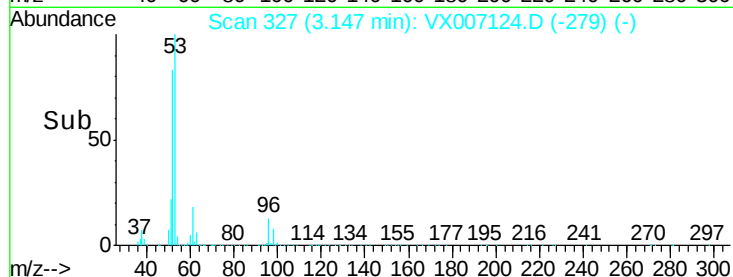
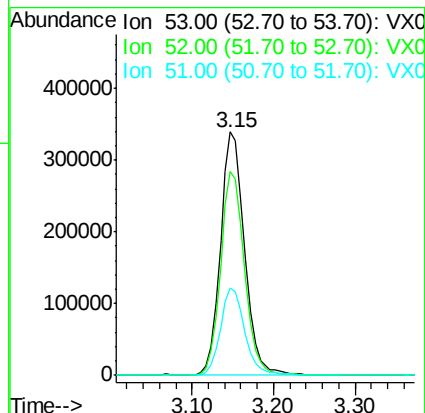
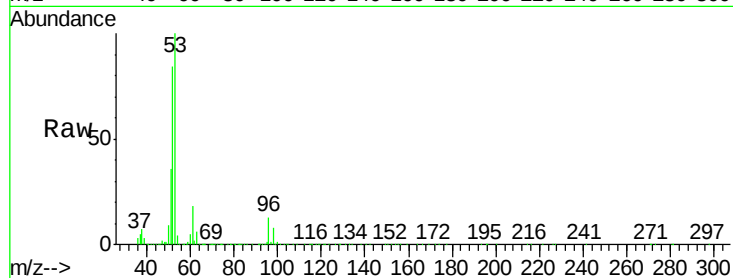
Tot Ion: 53 Resp: 694783

Ion Ratio Lower Upper

53 100

52 82.9 66.0 99.0

51 36.5 28.6 42.8



#16

Acetone

Concen: 273.579 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007124.D

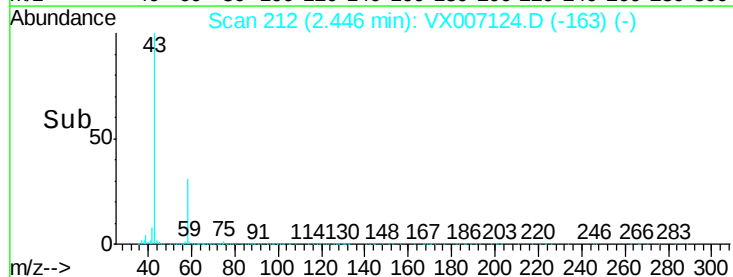
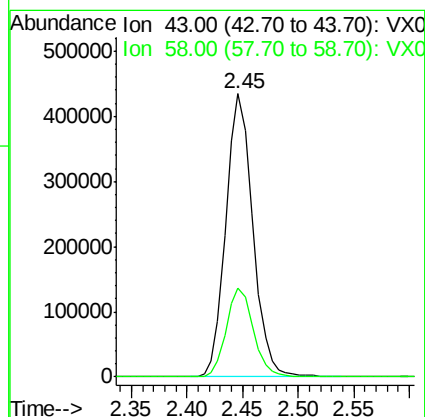
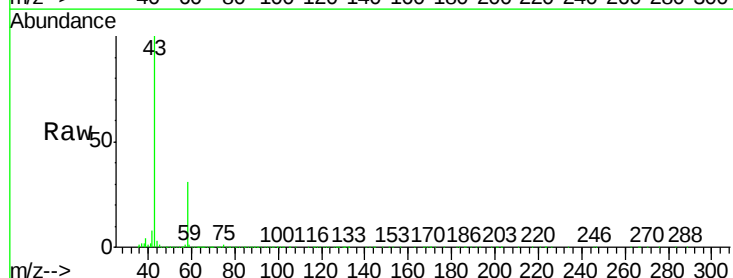
Acq: 18 Jan 2019 10:13

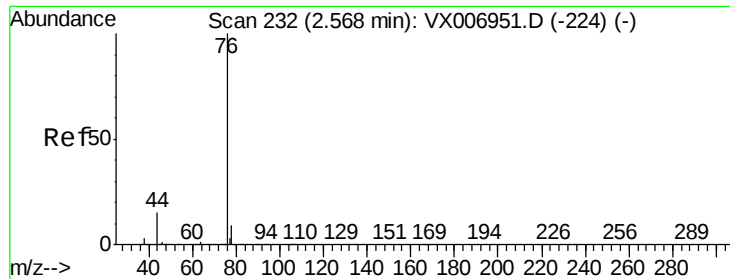
Tgt Ion: 43 Resp: 725381

Ion Ratio Lower Upper

43 100

58 31.4 25.0 37.6

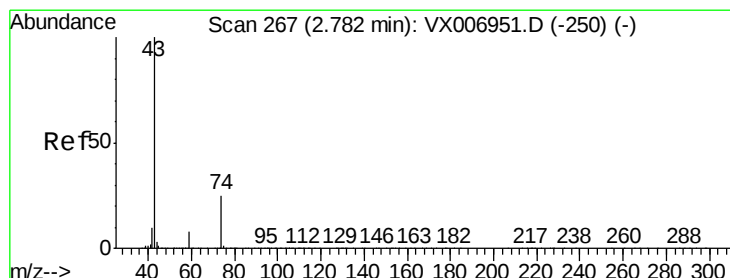
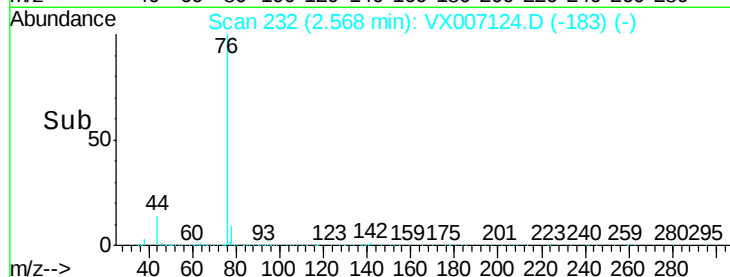
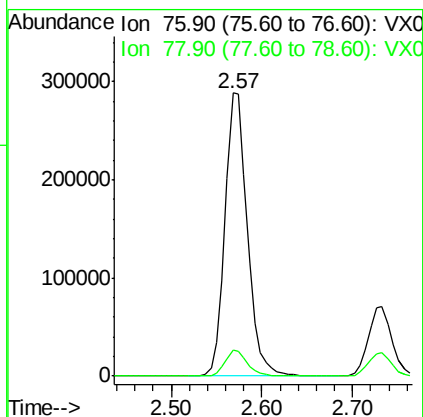
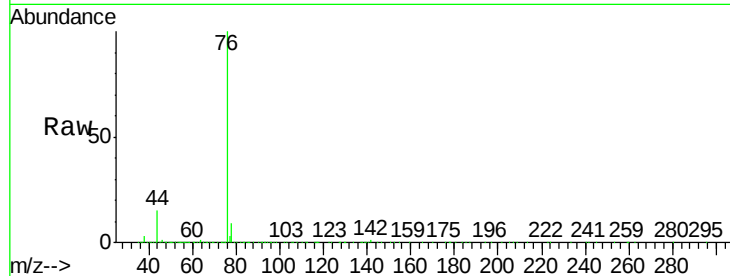




#17
Carbon Disulfide
Concen: 40.654 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

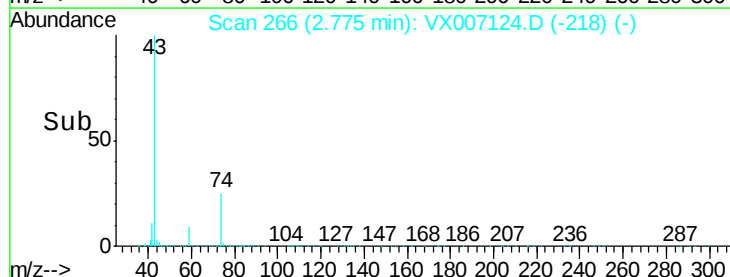
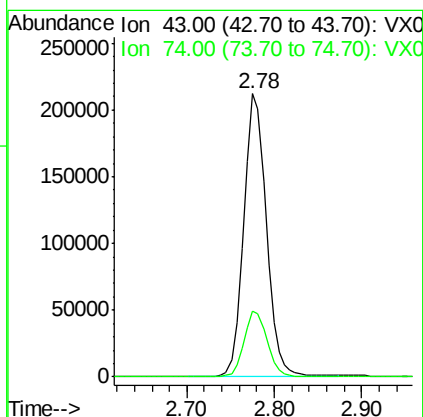
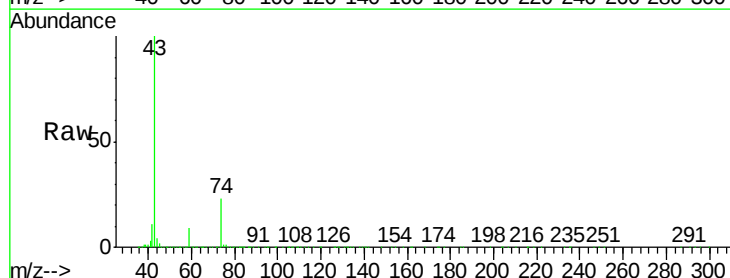
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

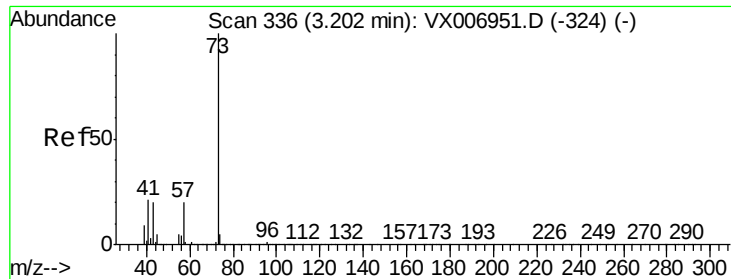
Tot Ion: 76 Resp: 493676
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 49.605 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion: 43 Resp: 380893
Ion Ratio Lower Upper
43 100
74 23.8 18.6 28.0

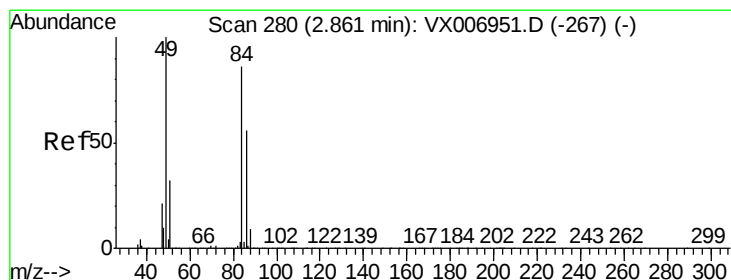
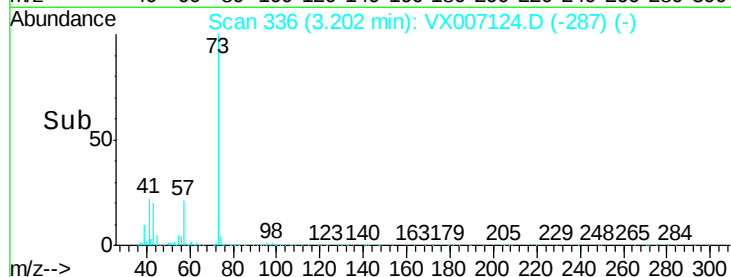
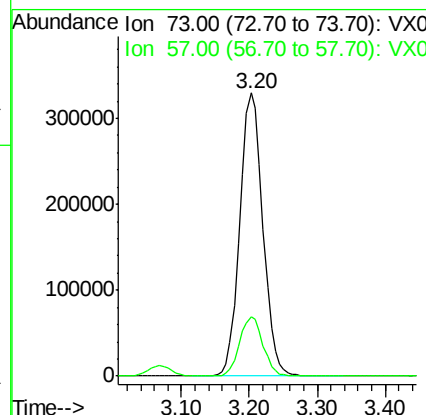
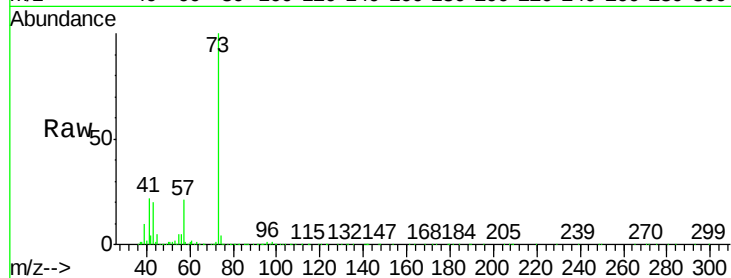




#19
Methyl tert-butyl Ether
Concen: 47.256 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

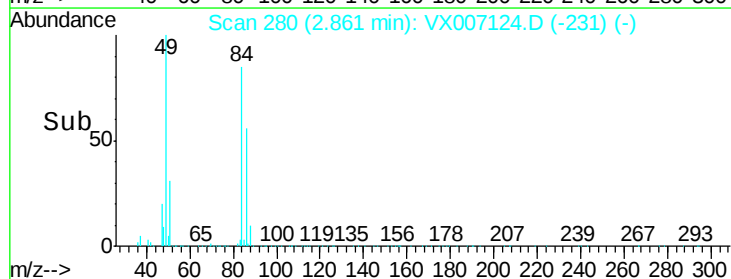
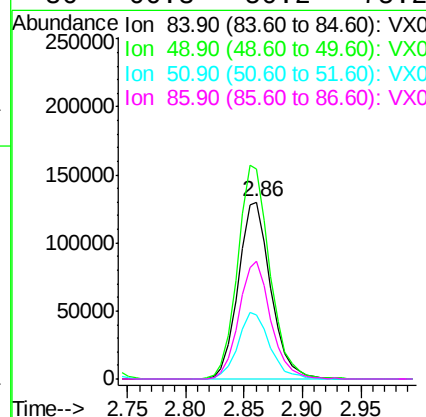
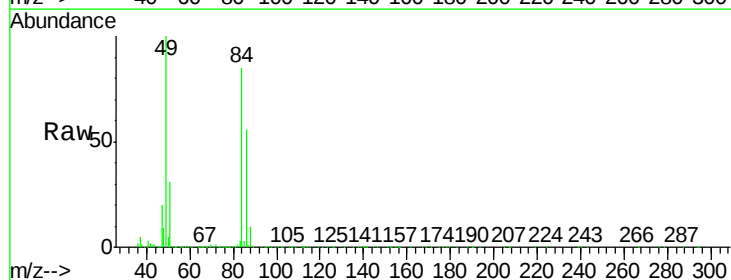
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

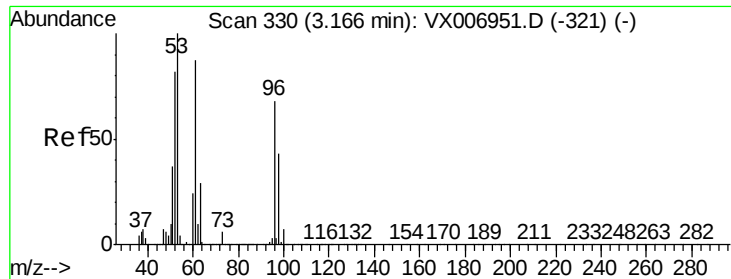
Tot Ion: 73 Resp: 773615
Ion Ratio Lower Upper
73 100
57 20.7 16.8 25.2



#20
Methylene Chloride
Concen: 50.068 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion: 84 Resp: 252495
Ion Ratio Lower Upper
84 100
49 118.1 91.8 137.6
51 36.2 28.5 42.7
86 66.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 44.748 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

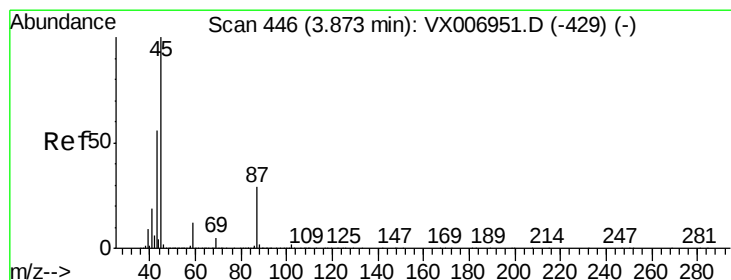
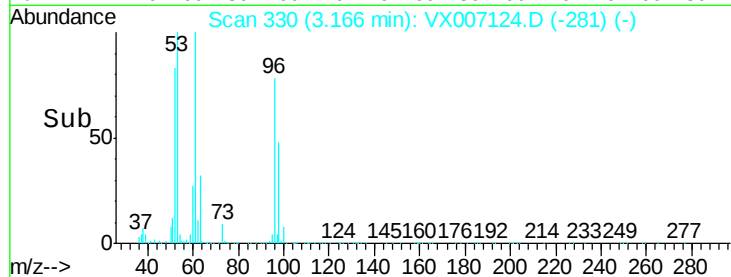
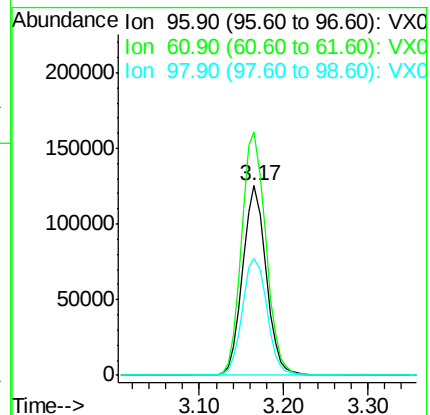
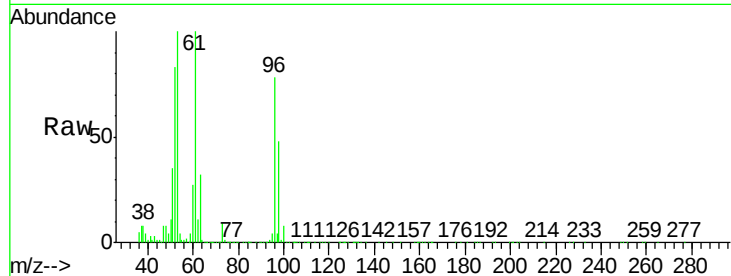
Tot Ion: 96 Resp: 235207

Ion Ratio Lower Upper

96 100

61 128.4 103.7 155.5

98 61.9 51.0 76.6



#22

Diisopropyl ether

Concen: 48.503 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Tgt Ion: 45 Resp: 737081

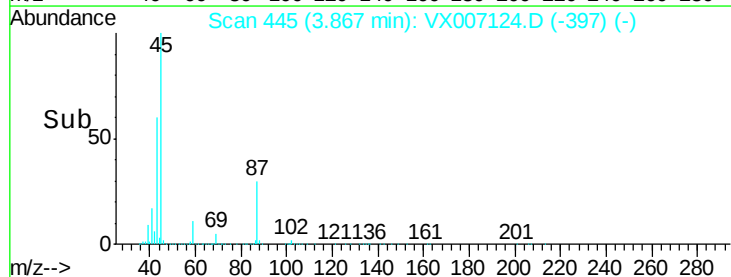
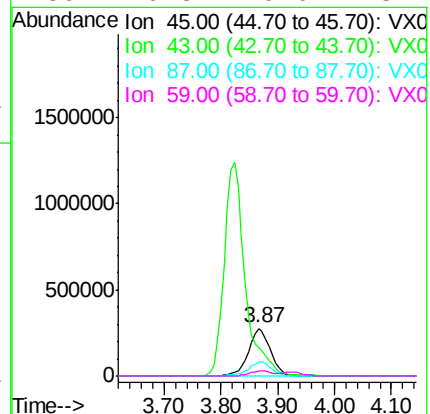
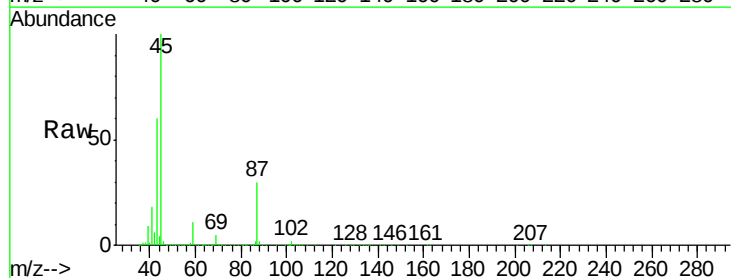
Ion Ratio Lower Upper

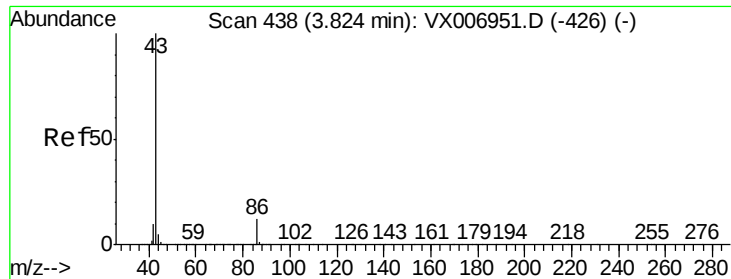
45 100

43 60.1 51.2 76.8

87 29.5 25.8 38.6

59 10.8 9.0 13.4





#23

Vinyl Acetate

Concen: 248.407 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampled :

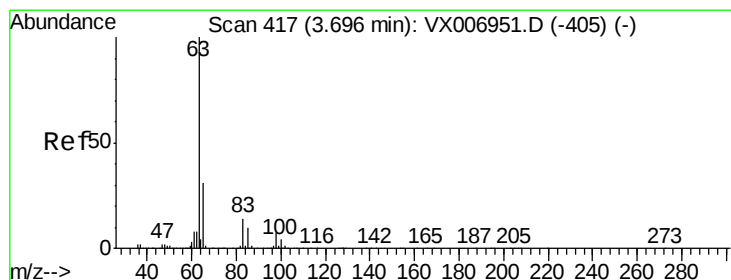
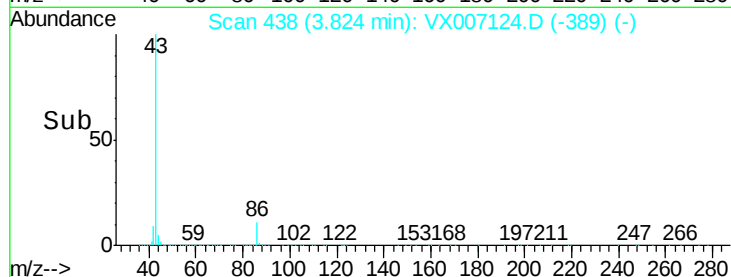
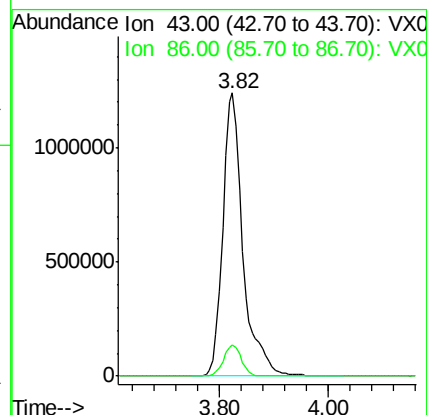
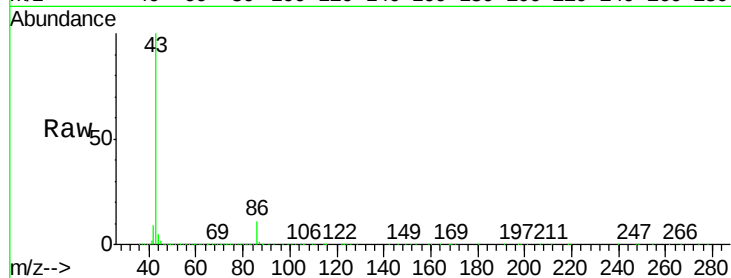
VSTDCCC050

Tot Ion: 43 Resp: 3183525

Ion Ratio Lower Upper

43 100

86 11.0 9.2 13.8



#24

1,1-Dichloroethane

Concen: 50.322 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

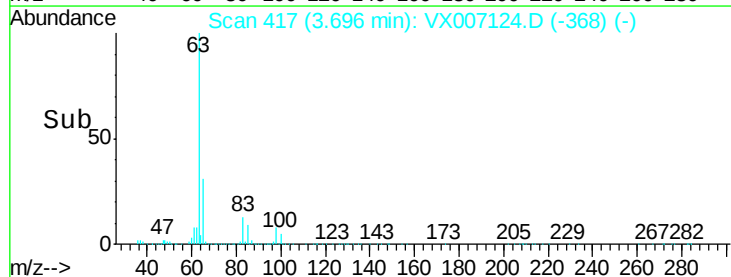
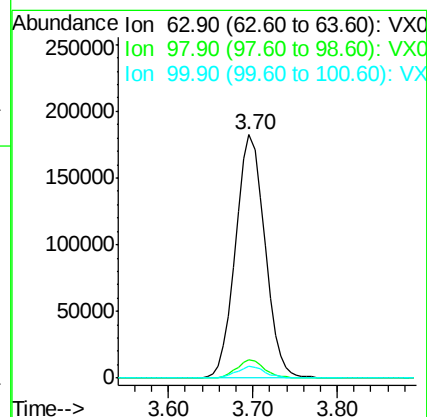
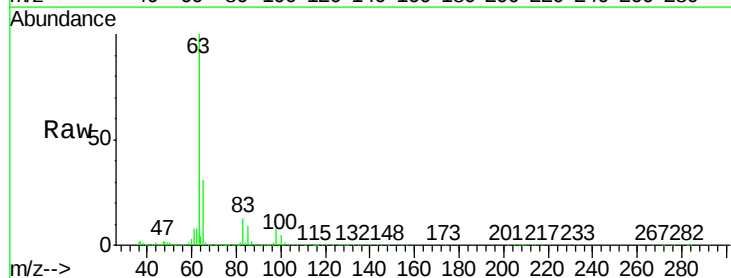
Tgt Ion: 63 Resp: 427615

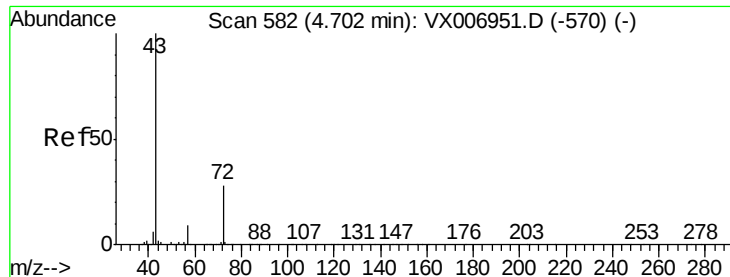
Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 251.514 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

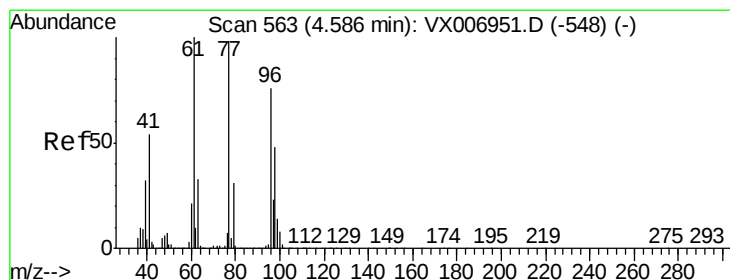
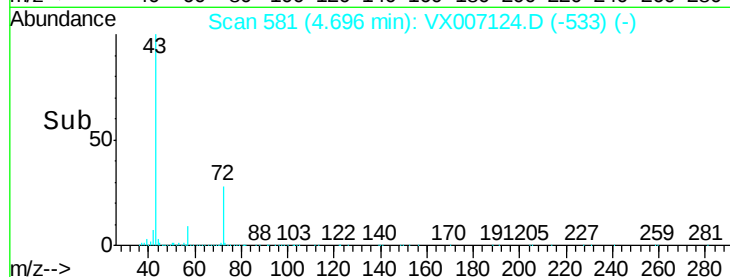
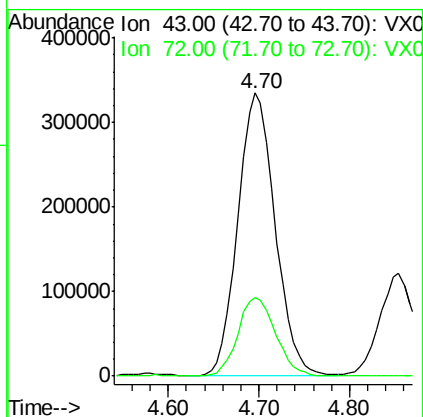
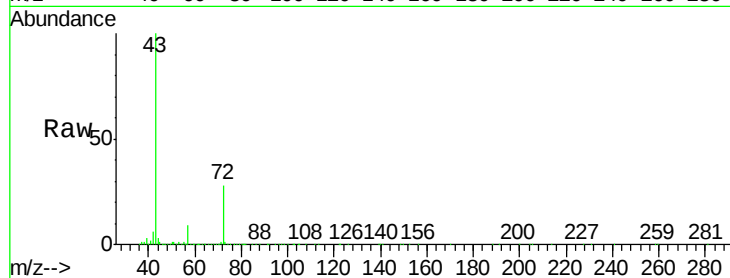
VSTDCCC050

Tot Ion: 43 Resp: 954204

Ion Ratio Lower Upper

43 100

72 27.9 22.4 33.6



#26

2,2-Dichloropropane

Concen: 47.858 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007124.D

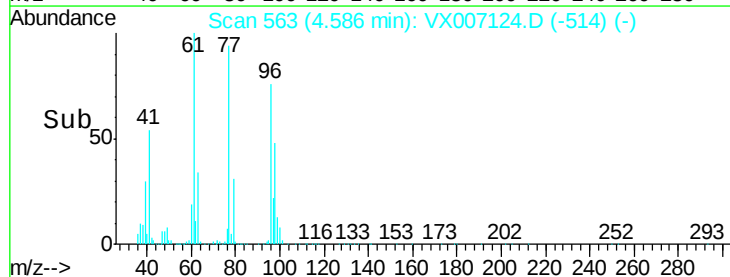
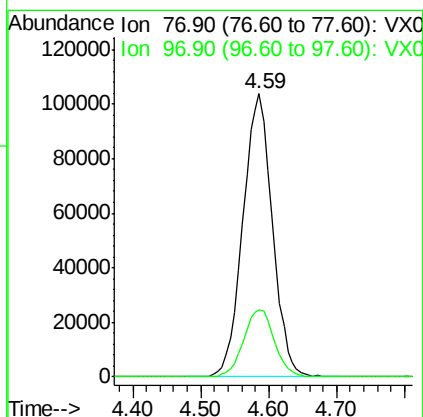
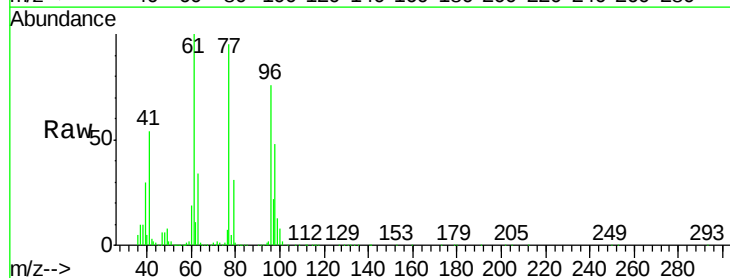
Acq: 18 Jan 2019 10:13

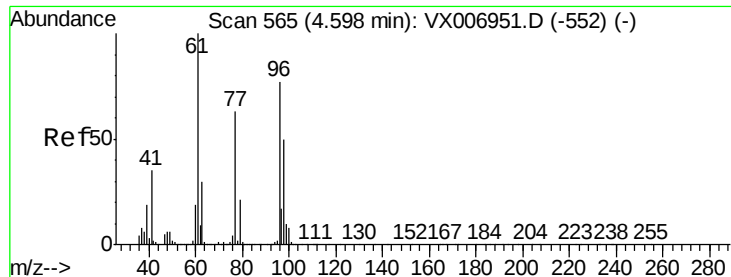
Tgt Ion: 77 Resp: 312718

Ion Ratio Lower Upper

77 100

97 25.0 12.4 37.4



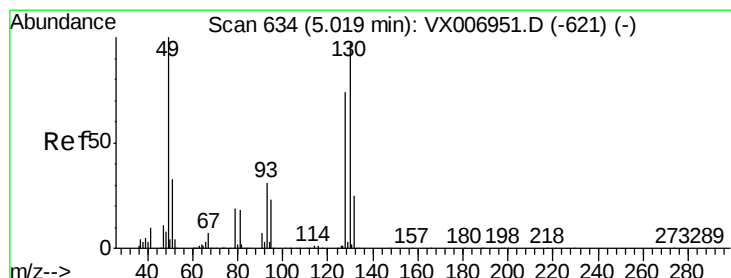
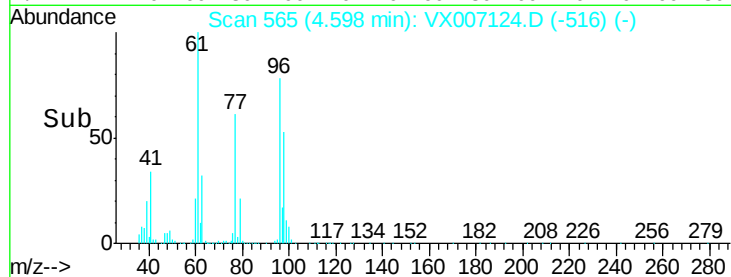
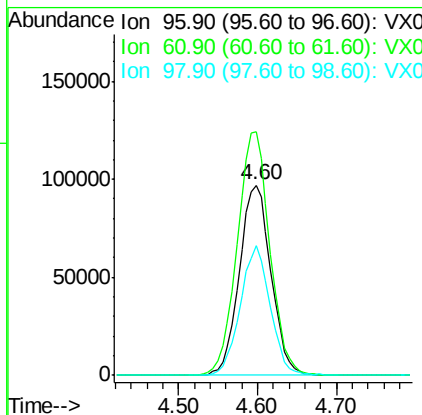
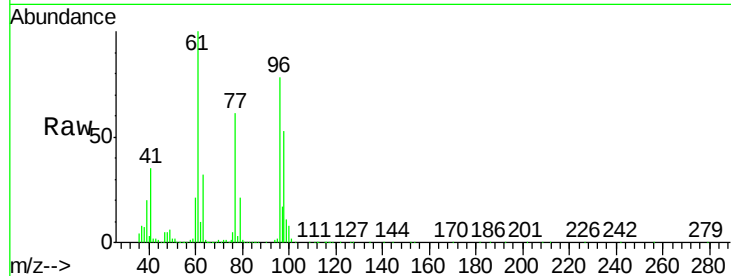


#27

cis-1,2-Dichloroethene
Concen: 46.714 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

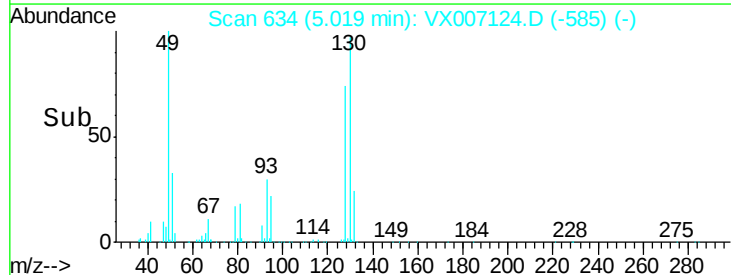
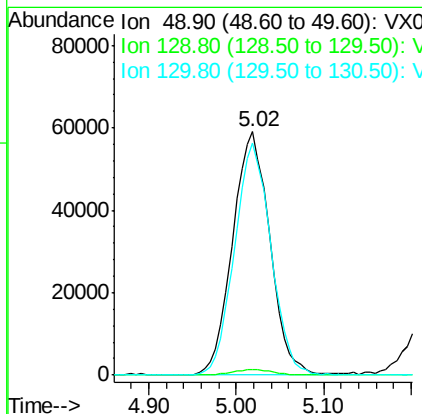
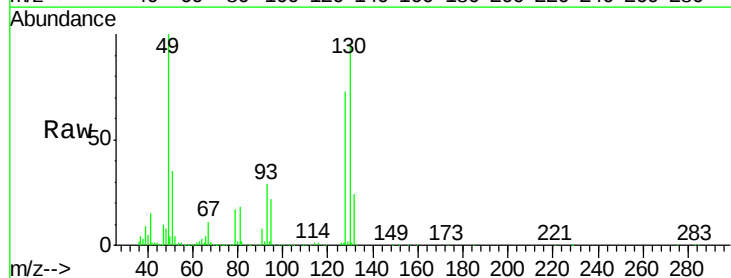
Tot Ion	Ratio	Lower	Upper
96	100		
61	131.5	0.0	258.6
98	64.6	0.0	132.0

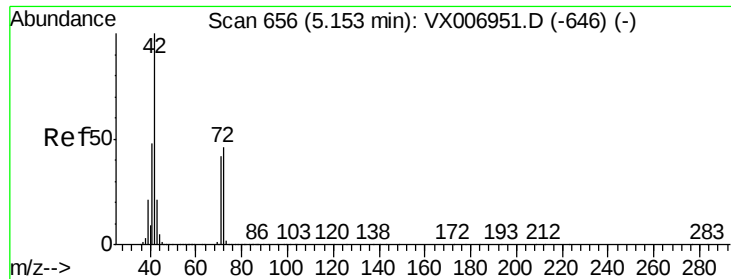


#28

Bromochloromethane
Concen: 46.639 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	94.0	77.7	116.5

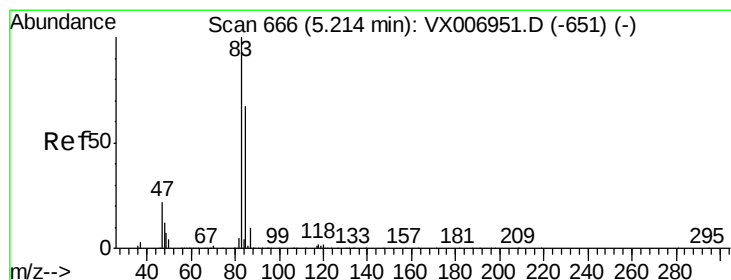
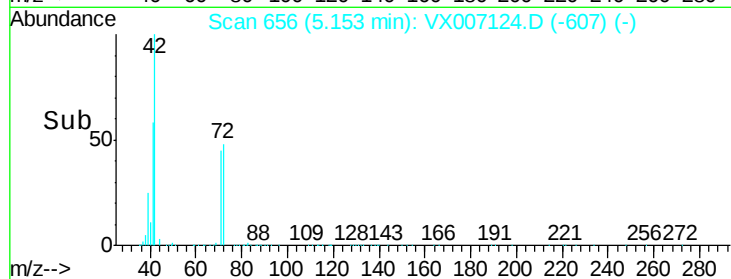
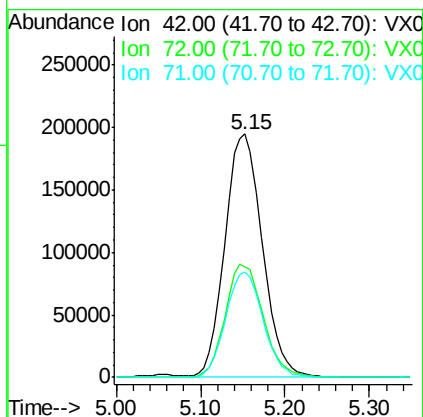
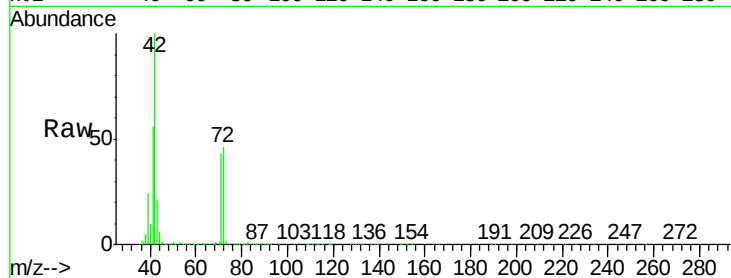




#29
Tetrahydrofuran
Concen: 237.966 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

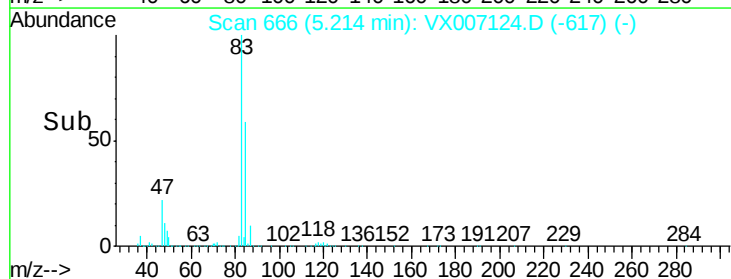
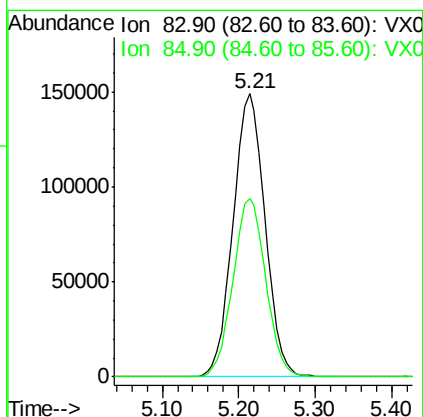
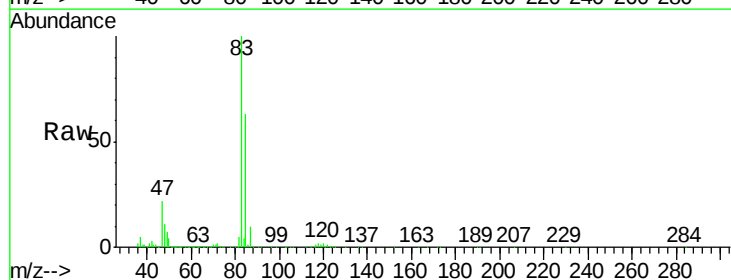
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

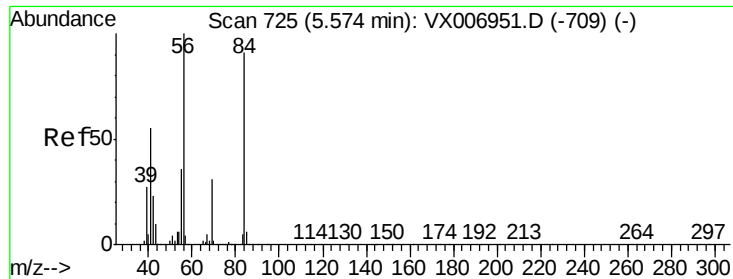
Tot Ion: 42 Resp: 586711
Ion Ratio Lower Upper
42 100
72 47.1 38.9 58.3
71 43.4 36.2 54.4



#30
Chloroform
Concen: 48.621 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion: 83 Resp: 432577
Ion Ratio Lower Upper
83 100
85 63.1 51.2 76.8

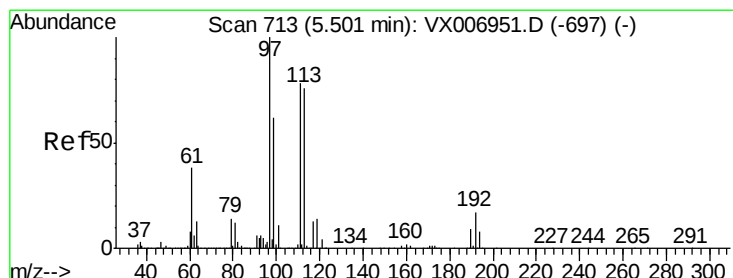
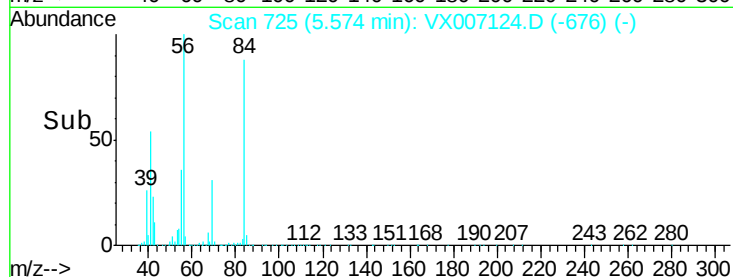
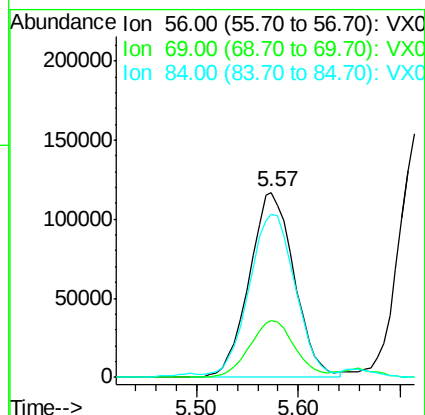
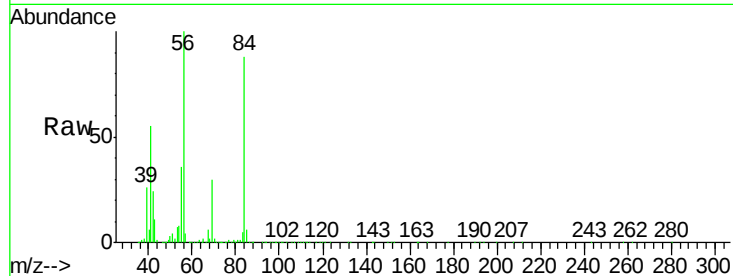




#31
Cyclohexane
Concen: 47.007 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

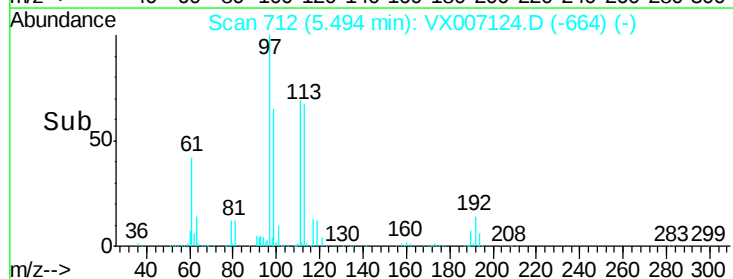
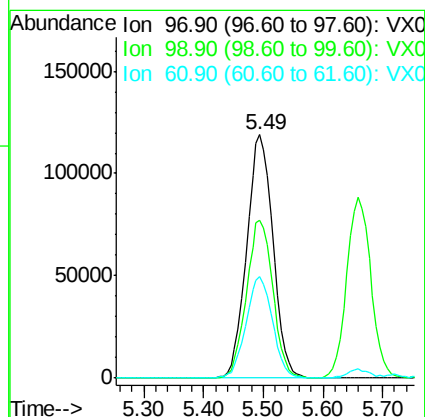
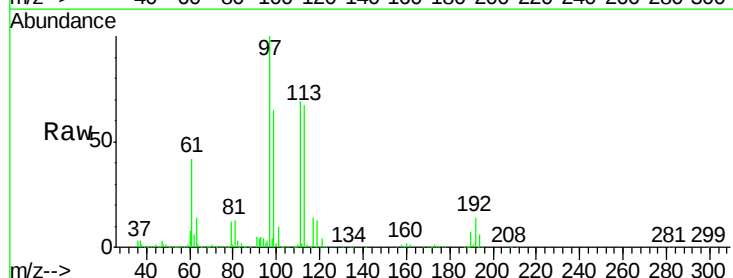
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

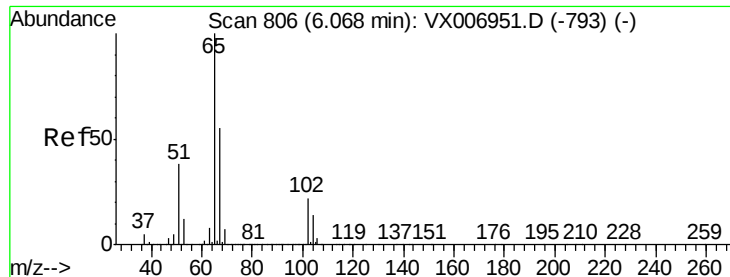
Tot Ion: 56 Resp: 355516
Ion Ratio Lower Upper
56 100
69 30.4 24.4 36.6
84 86.1 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 48.453 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion: 97 Resp: 365385
Ion Ratio Lower Upper
97 100
99 65.1 51.7 77.5
61 41.7 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 47.314 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

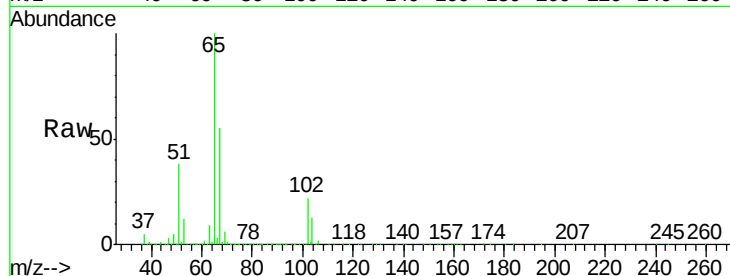
VSTDCCC050

Tot Ion: 65 Resp: 253760

Ion Ratio Lower Upper

65 100

67 53.9 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

100000

80000

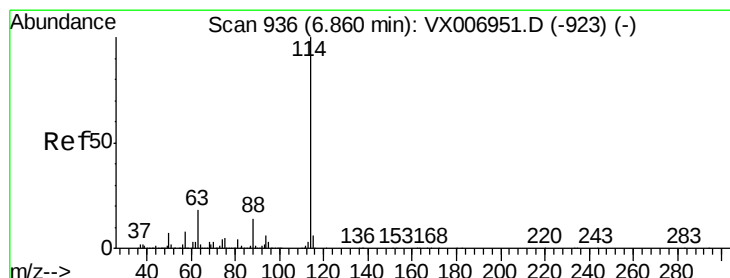
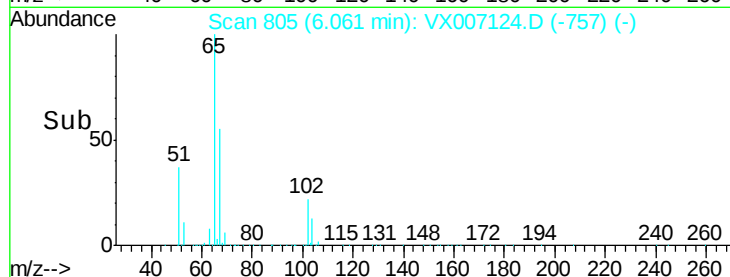
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

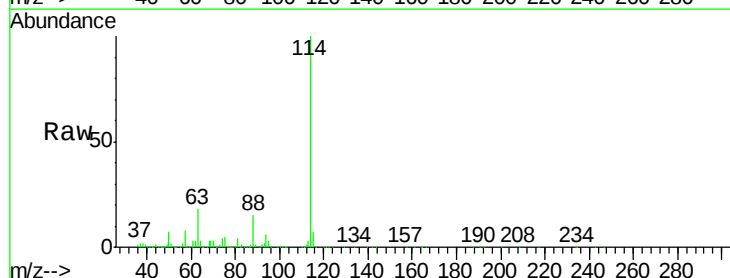
Tgt Ion: 114 Resp: 734737

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.8

88 15.1 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

400000

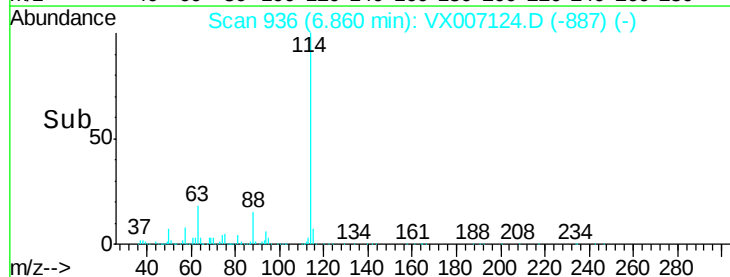
300000

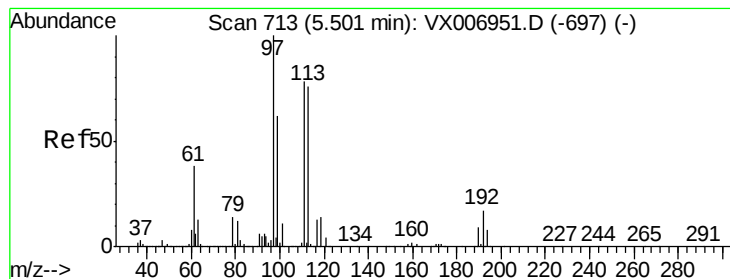
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.029 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

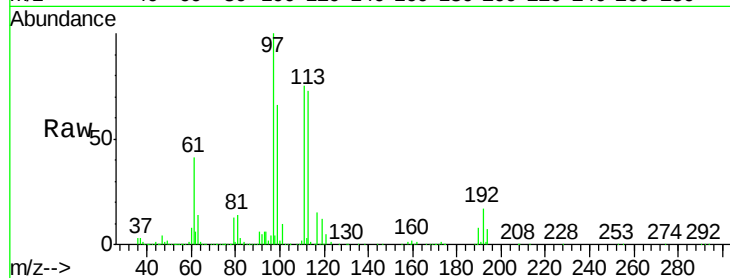
Tot Ion:113 Resp: 230691

Ion Ratio Lower Upper

113 100

111 103.3 81.6 122.4

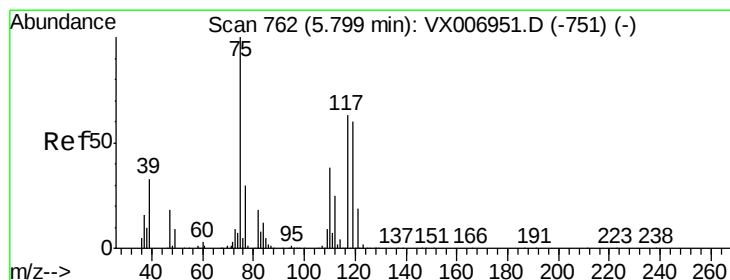
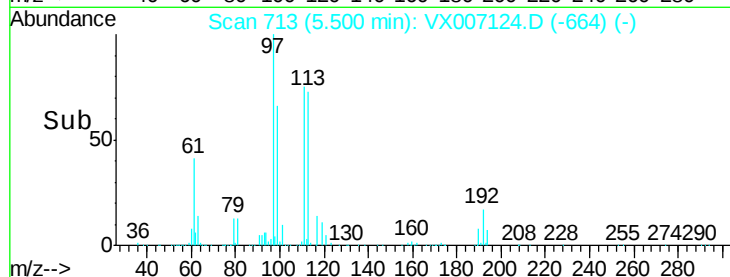
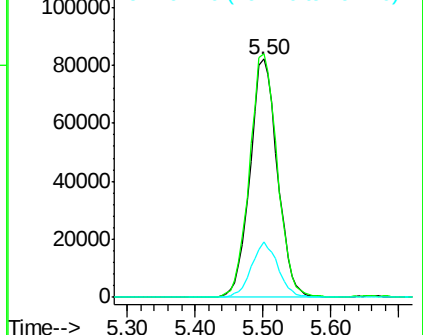
192 22.5 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.693 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

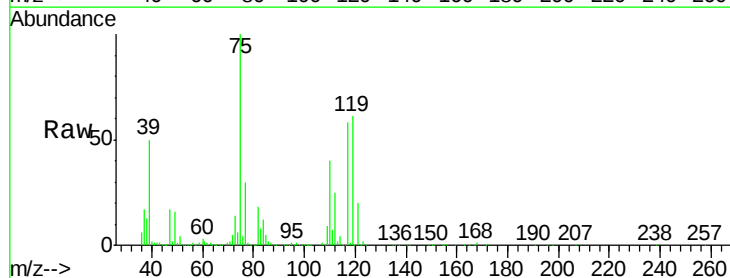
Tgt Ion: 75 Resp: 311046

Ion Ratio Lower Upper

75 100

110 39.2 20.2 60.5

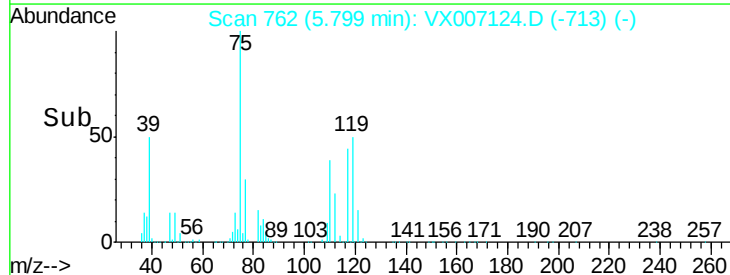
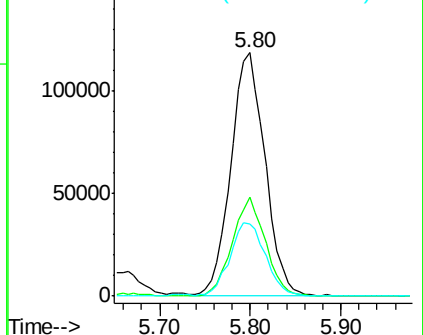
77 31.7 24.8 37.2

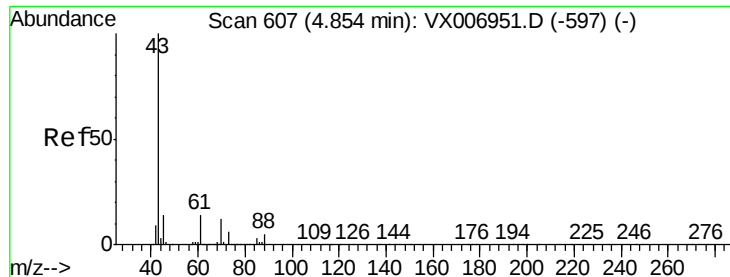


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

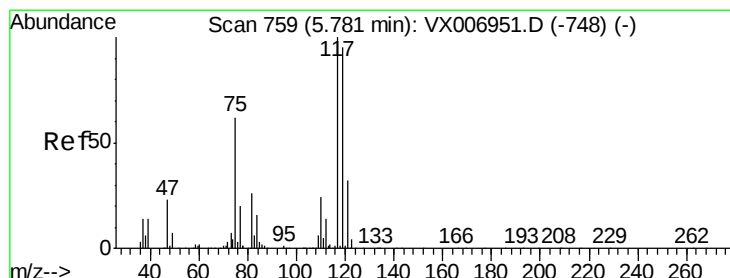
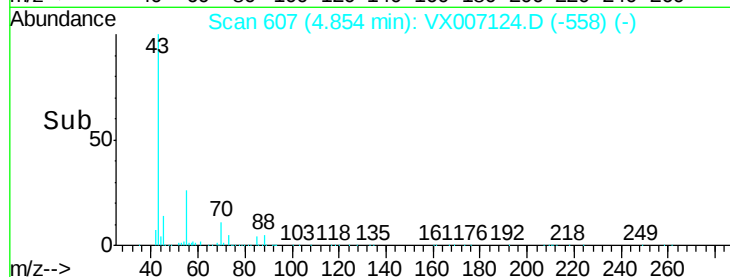
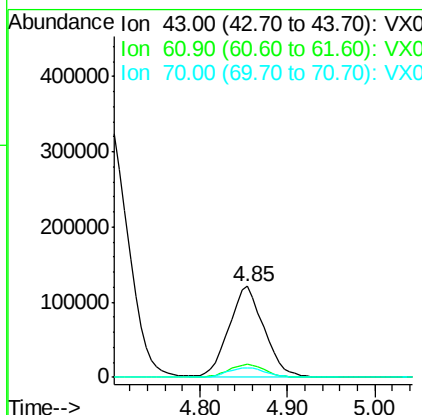
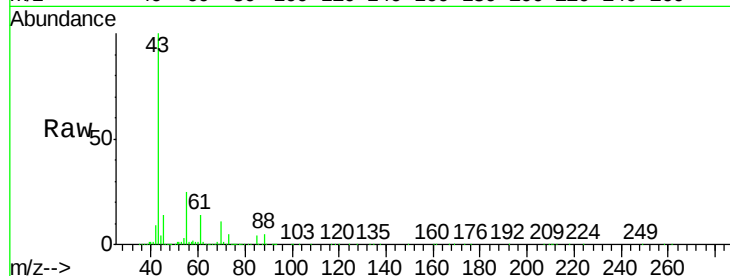




#37
Ethyl Acetate
Concen: 49.330 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

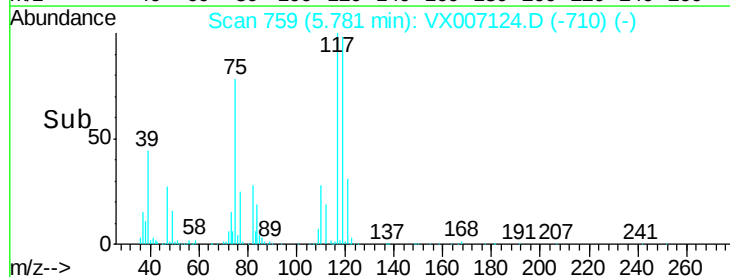
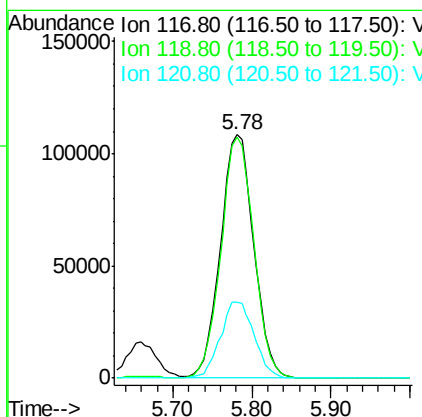
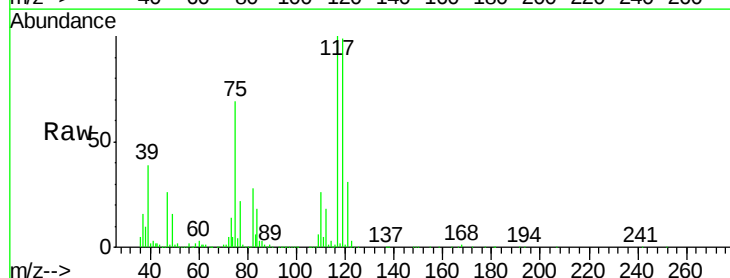
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

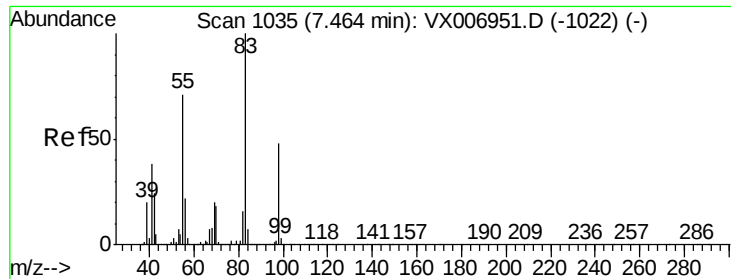
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.9	17.9
70	11.4	9.7	14.5



#38
Carbon Tetrachloride
Concen: 49.552 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	79.4	119.2
121	31.0	24.0	36.0

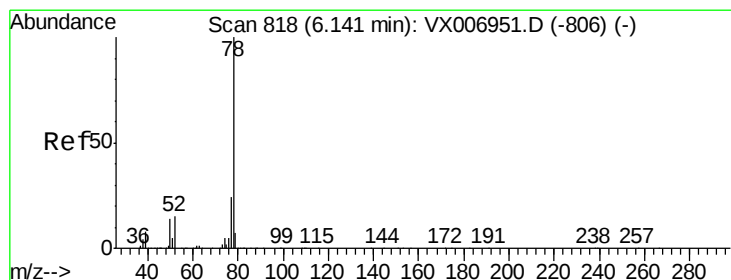
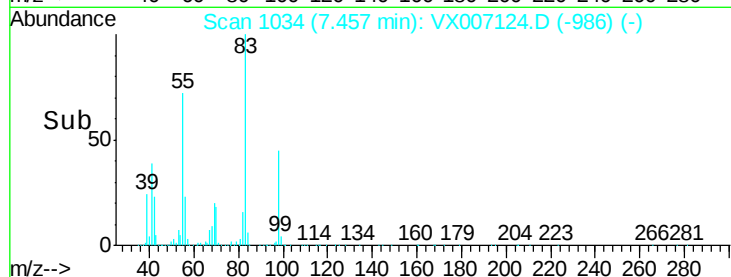
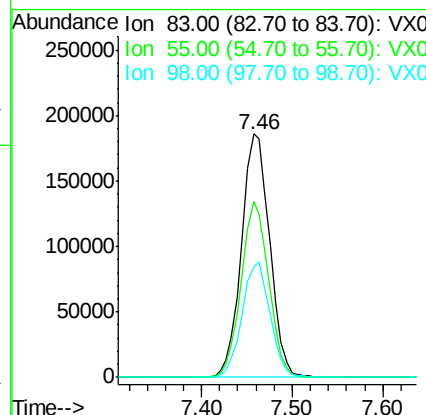
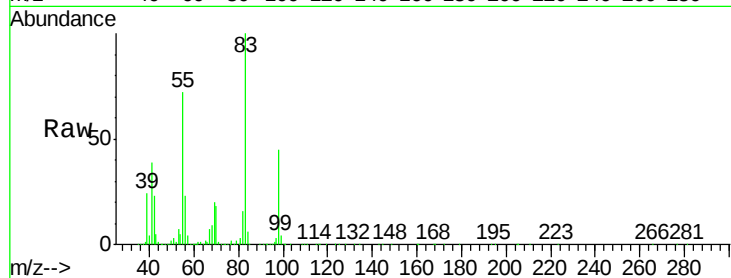




#39
Methvlcvclohexane
Concen: 49.229 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

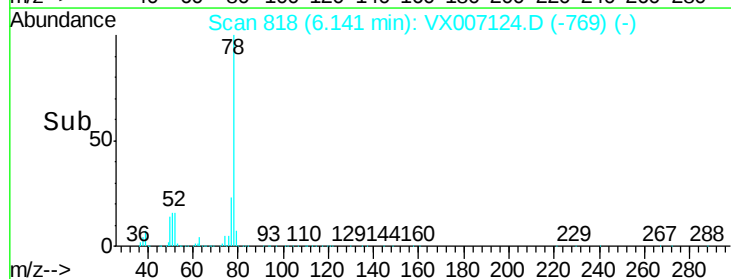
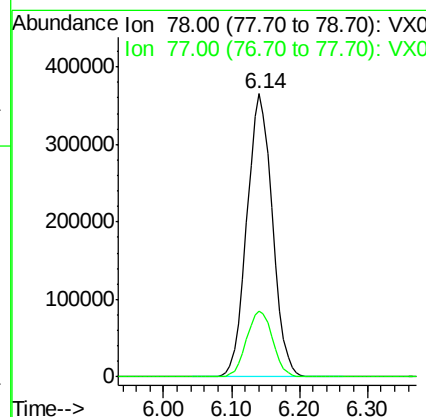
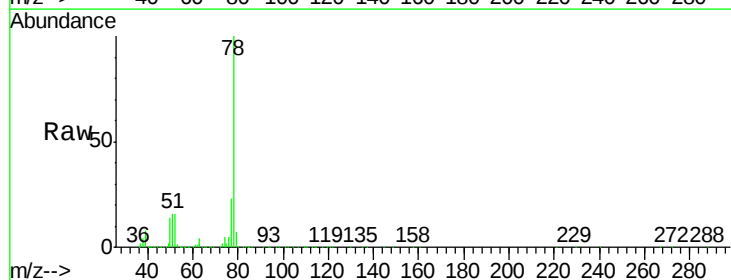
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

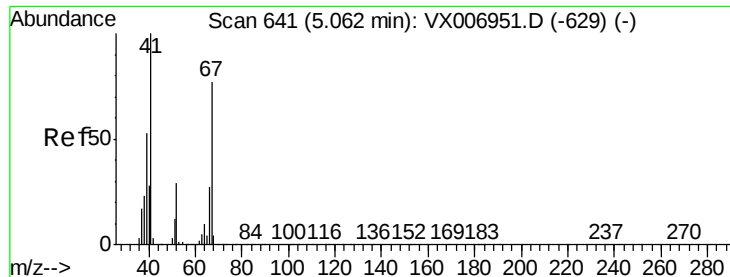
Tot Ion	83.00	Resp	400903
Ion Ratio	Lower	Upper	
83	100		
55	71.9	54.9	82.3
98	45.5	37.9	56.9



#40
Benzene
Concen: 48.840 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion	78.00	Resp	951960
Ion Ratio	Lower	Upper	
78	100		
77	23.3	19.2	28.8





#41

Methacrylonitrile

Concen: 47.386 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 186950

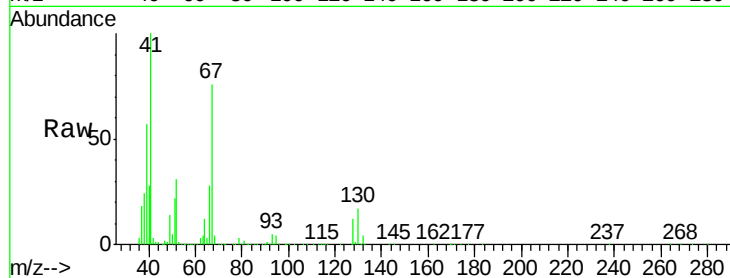
Ion Ratio Lower Upper

41 100

39 54.1 42.8 64.2

67 76.7 62.1 93.1

52 30.1 23.4 35.0

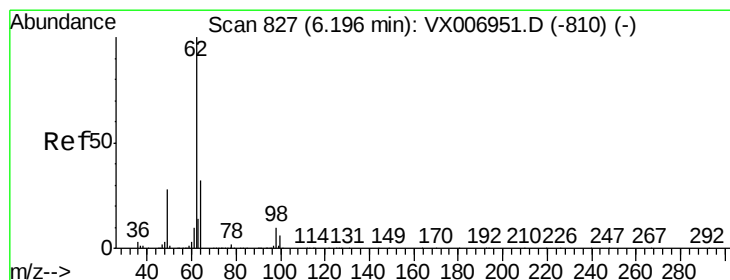
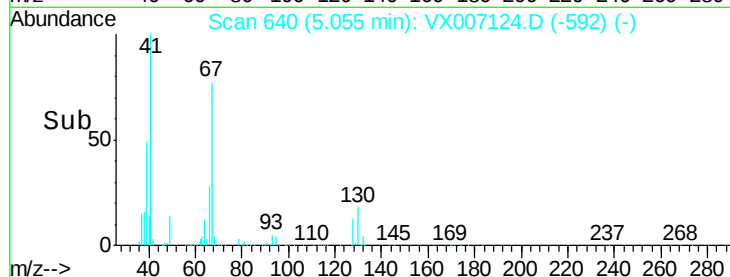
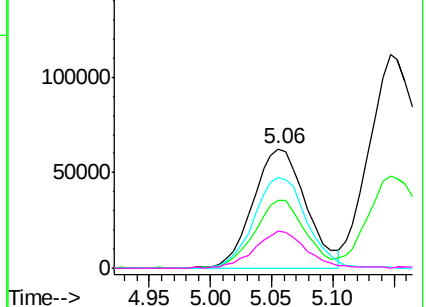


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.720 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007124.D

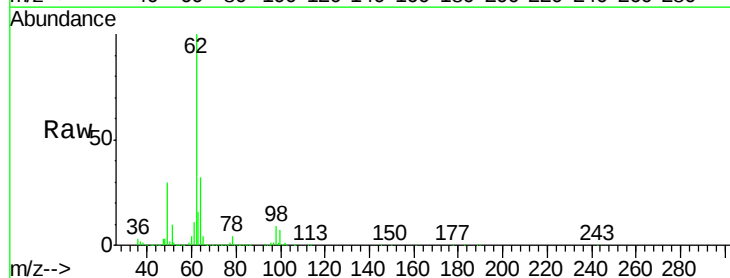
Acq: 18 Jan 2019 10:13

Tgt Ion: 62 Resp: 328152

Ion Ratio Lower Upper

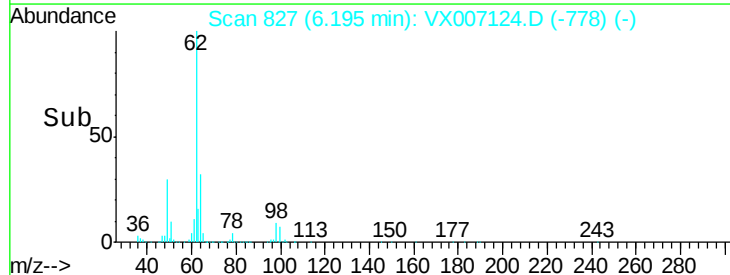
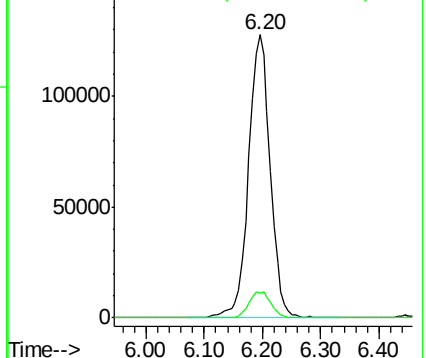
62 100

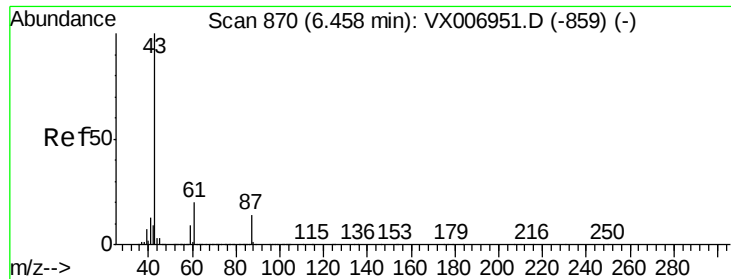
98 9.7 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.395 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

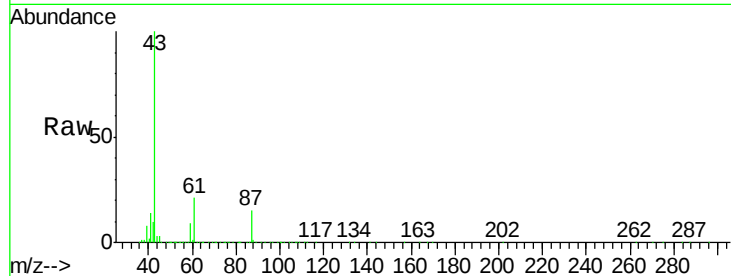
Tot Ion: 43 Resp: 544392

Ion Ratio Lower Upper

43 100

61 20.2 16.8 25.2

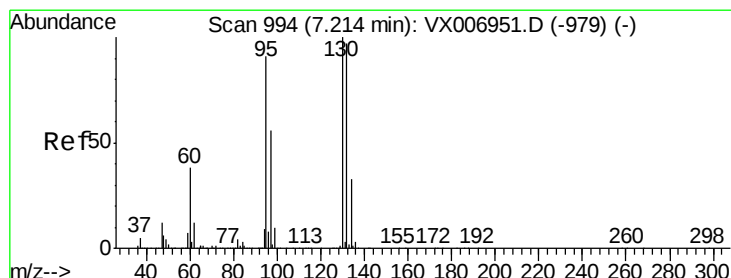
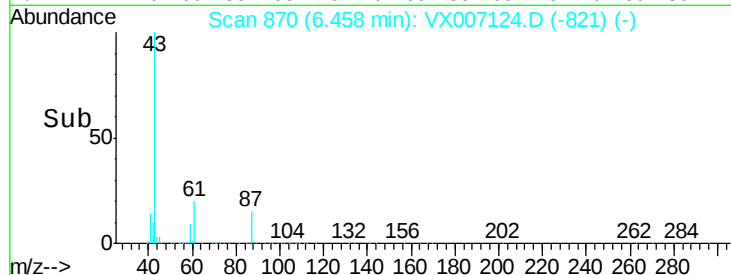
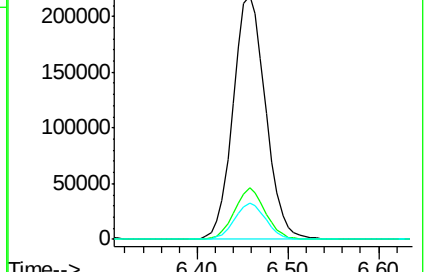
87 14.5 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX006951.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX006951.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX006951.D (-859) (-)



#44

Trichloroethene

Concen: 48.815 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007124.D

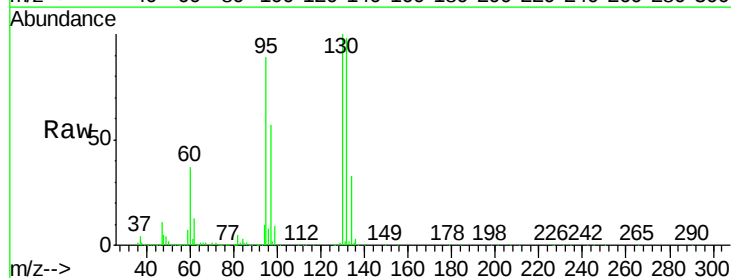
Acq: 18 Jan 2019 10:13

Tgt Ion: 130 Resp: 285118

Ion Ratio Lower Upper

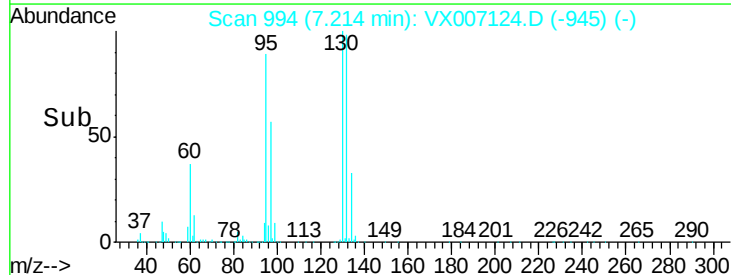
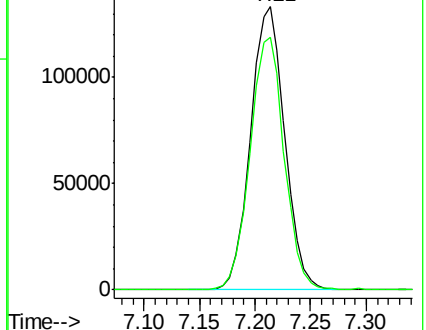
130 100

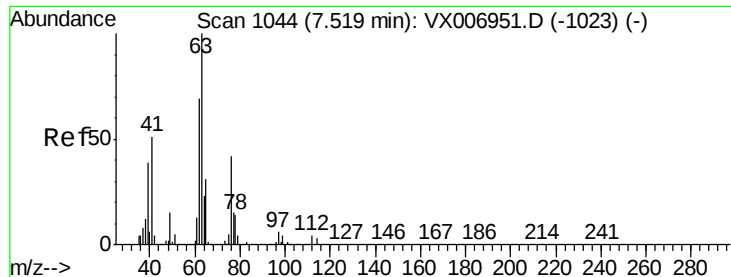
95 89.4 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): VX006951.D (-979) (-)

Ion 94.90 (94.60 to 95.60): VX006951.D (-979) (-)





#45

1,2-Dichloropropane

Concen: 49.413 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

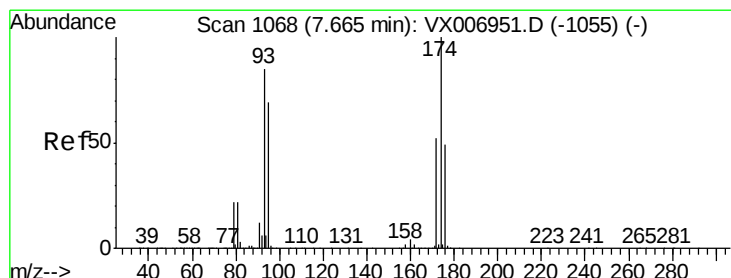
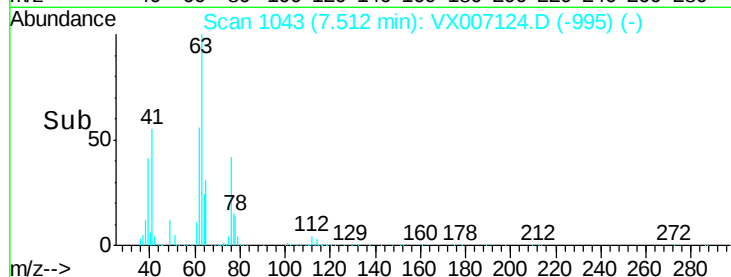
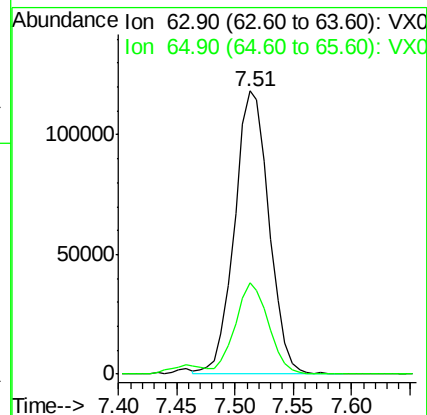
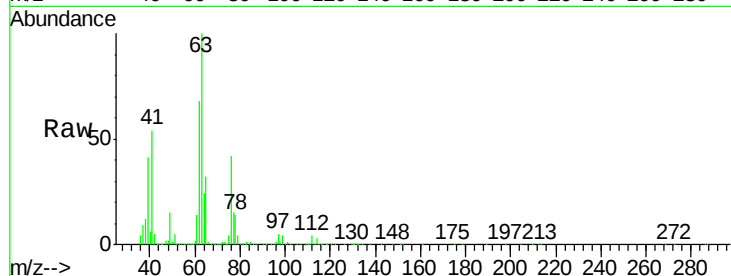
VSTDCCC050

Tot Ion: 63 Resp: 242134

Ion Ratio Lower Upper

63 100

65 32.1 25.4 38.0



#46

Dibromomethane

Concen: 49.982 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

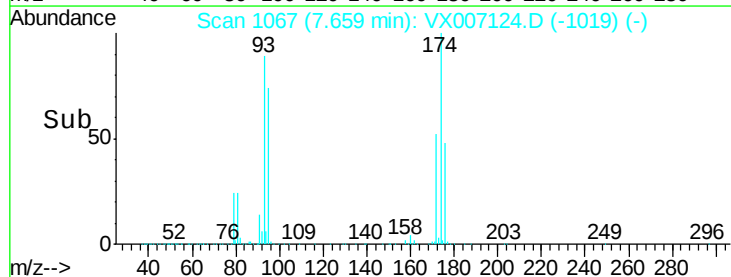
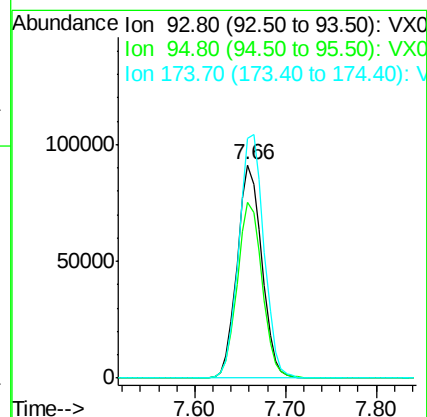
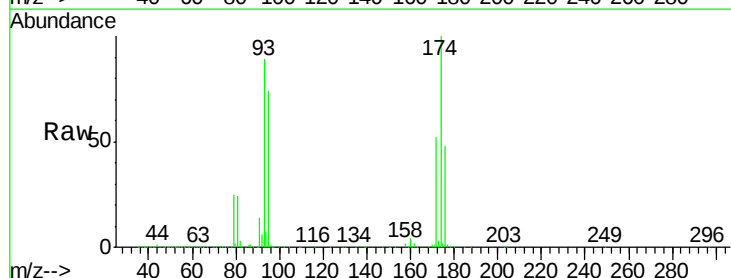
Tgt Ion: 93 Resp: 172134

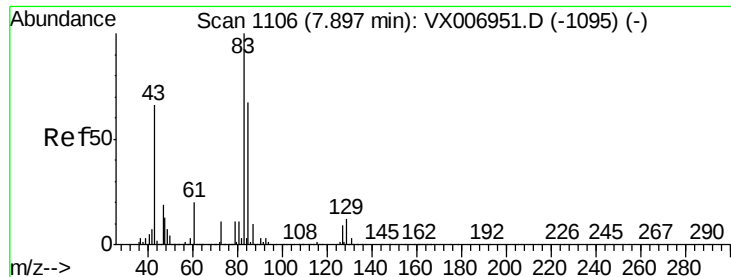
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 116.7 91.0 136.4





#47

Bromodichloromethane

Concen: 52.166 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

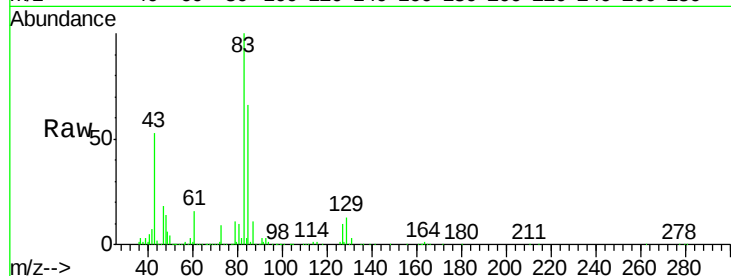
Tot Ion: 83 Resp: 305799

Ion Ratio Lower Upper

83 100

85 65.5 53.2 79.8

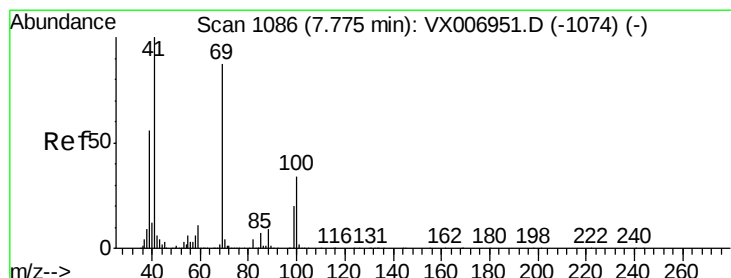
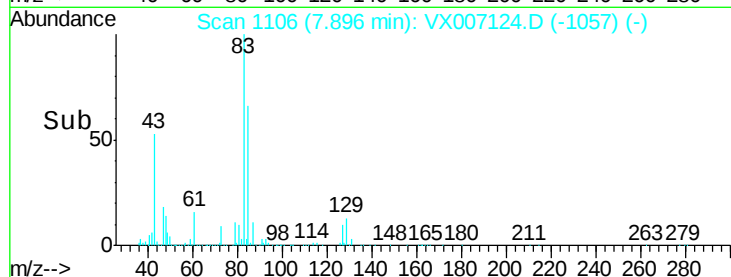
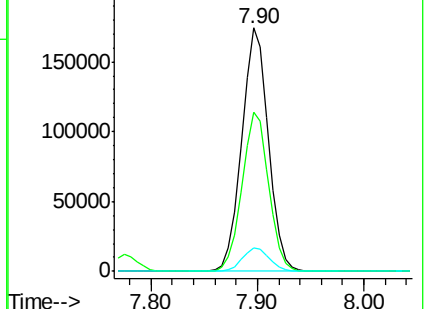
127 9.8 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.742 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

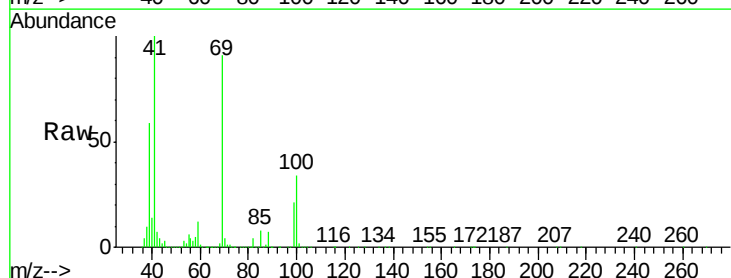
Tgt Ion: 41 Resp: 281490

Ion Ratio Lower Upper

41 100

69 88.2 72.4 108.6

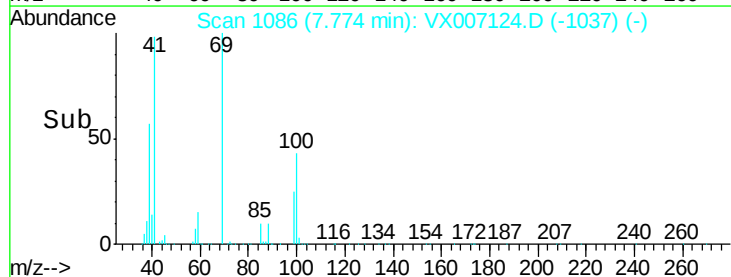
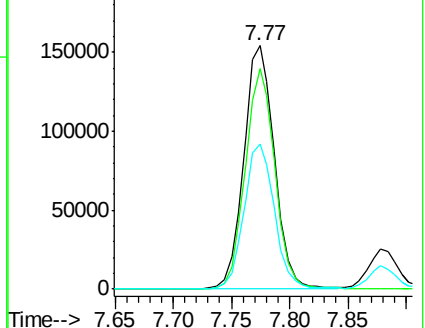
39 58.9 45.8 68.8

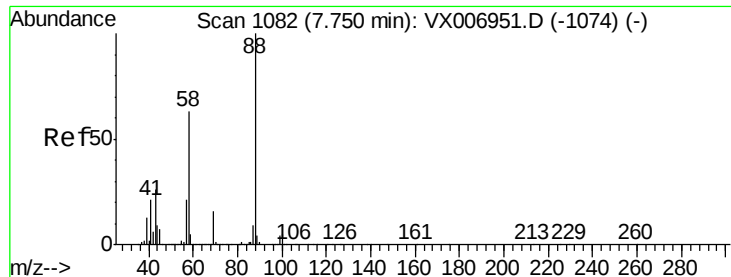


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

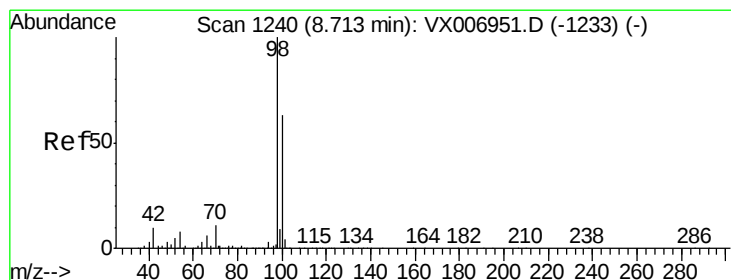
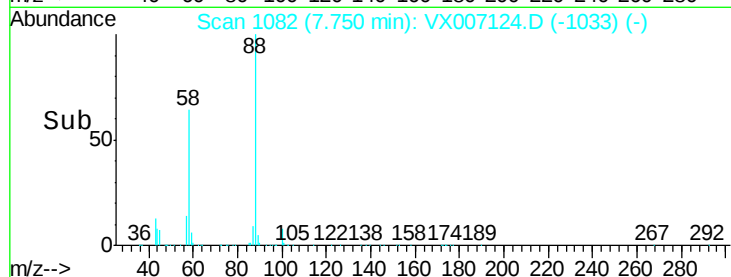
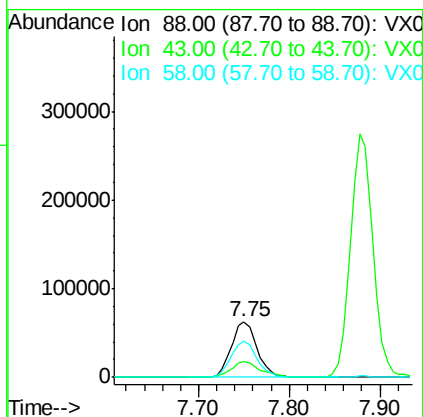
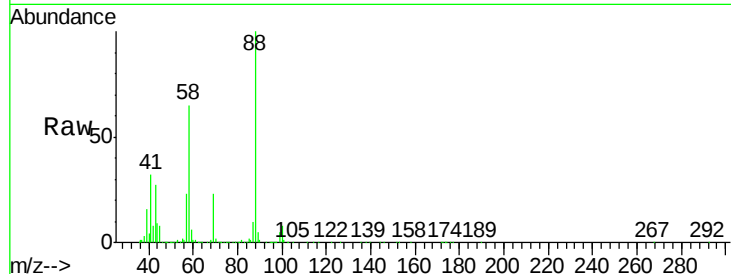




#49
1,4-Dioxane
Concen: 967.407 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

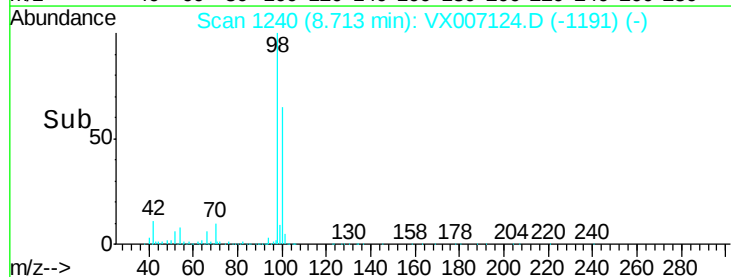
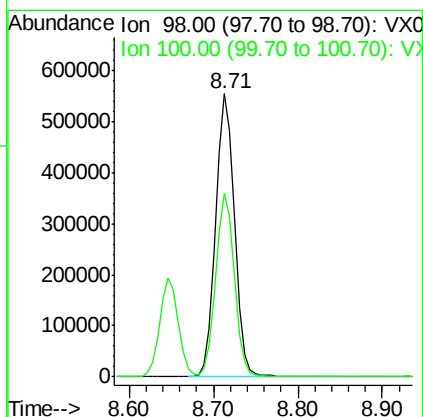
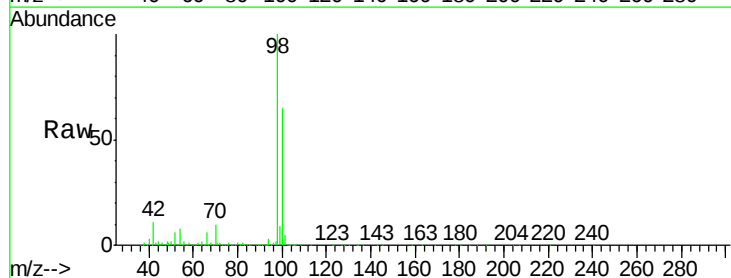
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

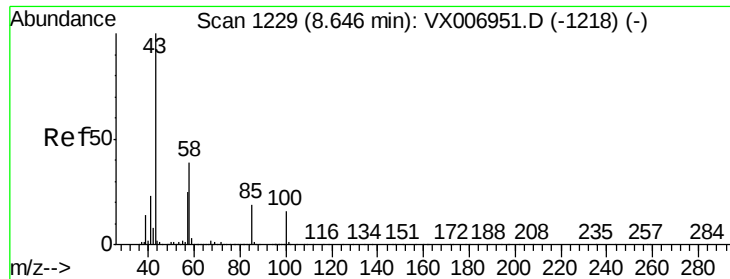
Tot Ion: 88 Resp: 122594
Ion Ratio Lower Upper
88 100
43 31.6 22.2 33.4
58 65.8 51.0 76.4



#50
Toluene-d8
Concen: 50.285 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion: 98 Resp: 866031
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 259.830 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

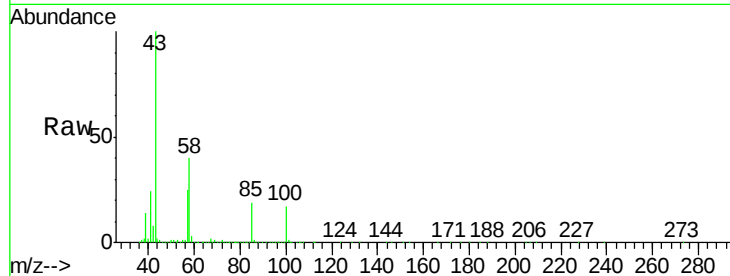
VSTDCCC050

Tot Ion: 43 Resp: 1803827

Ion Ratio Lower Upper

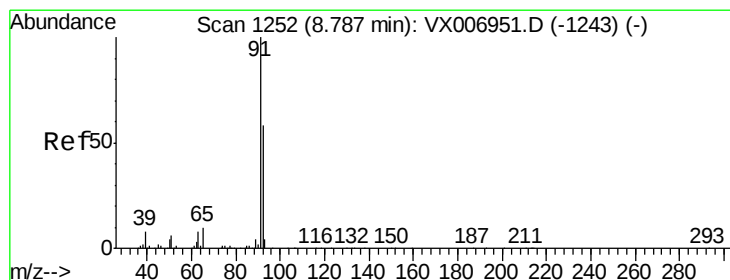
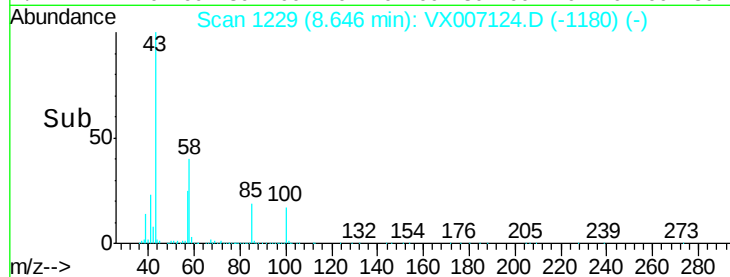
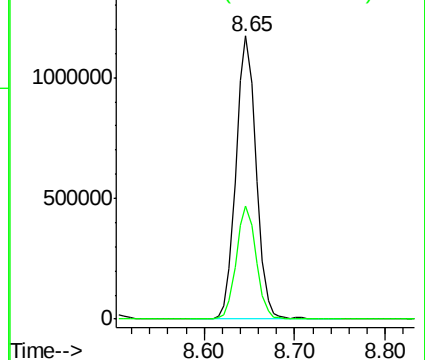
43 100

58 39.4 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.736 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007124.D

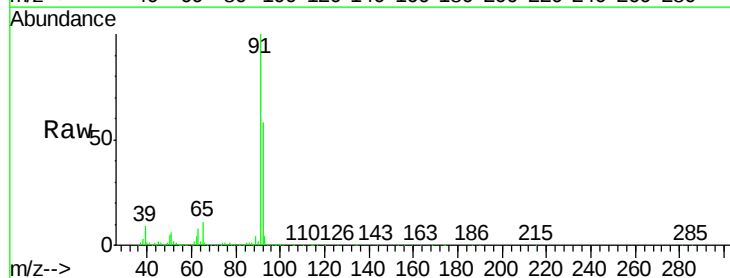
Acq: 18 Jan 2019 10:13

Tgt Ion: 92 Resp: 623085

Ion Ratio Lower Upper

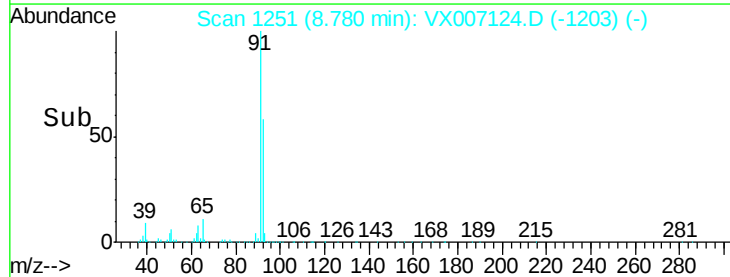
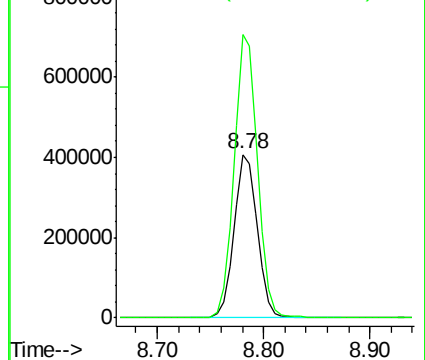
92 100

91 175.0 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 53.251 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

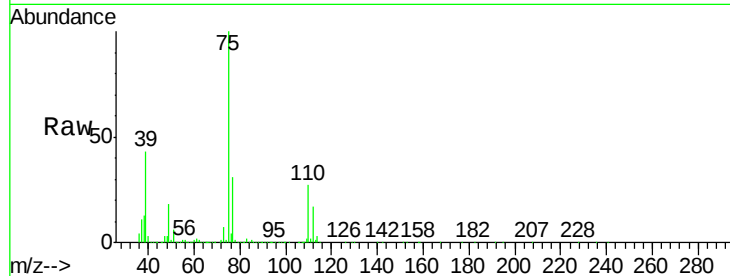
VSTDCCC050

Tot Ion: 75 Resp: 346140

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

250000

200000

150000

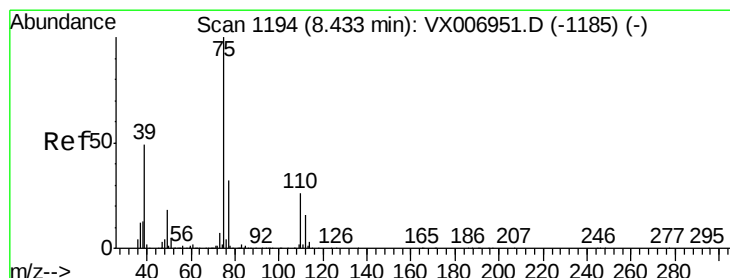
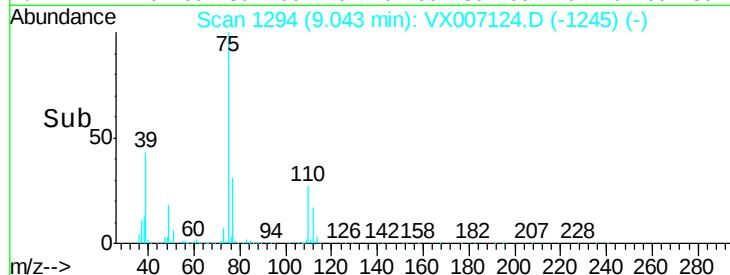
100000

50000

0

Time-->

8.95 9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 52.123 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

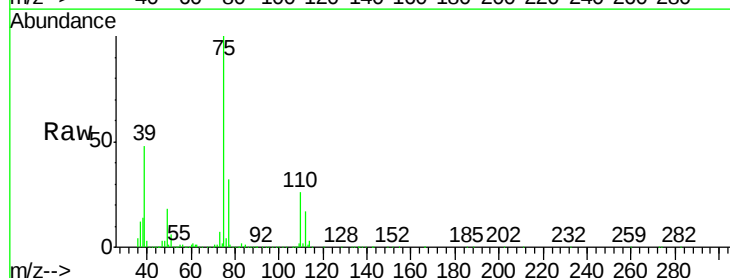
Tgt Ion: 75 Resp: 374164

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

39 47.9 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

300000

250000

200000

150000

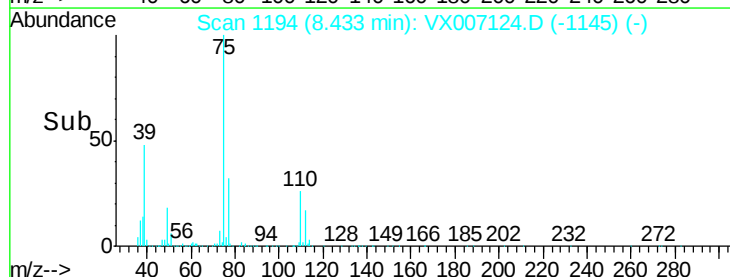
100000

50000

0

Time-->

8.35 8.40 8.45 8.50 8.55





#55

1,1,2-Trichloroethane

Concen: 53.073 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 266133

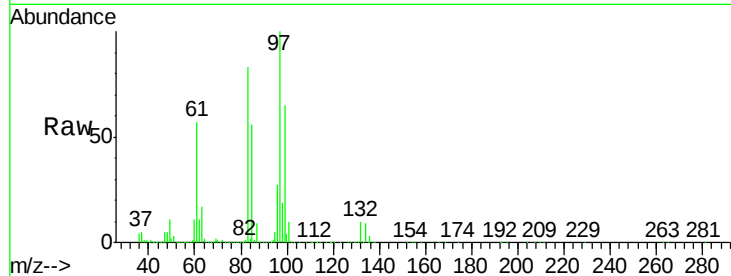
Ion Ratio Lower Upper

97 100

83 82.5 66.6 99.8

85 55.5 42.7 64.1

99 64.7 50.8 76.2

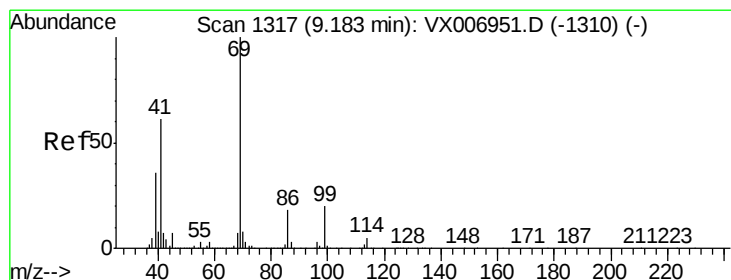
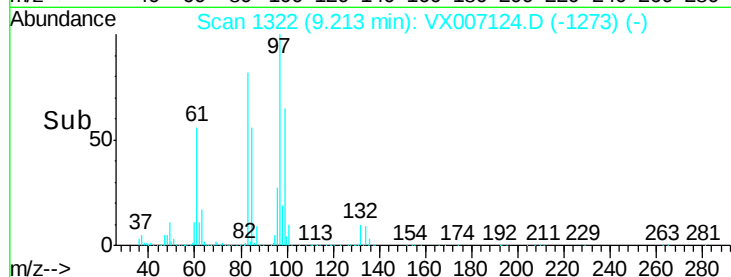
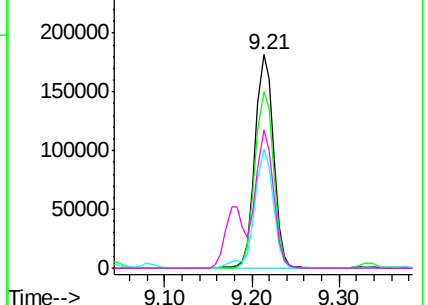


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 53.077 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

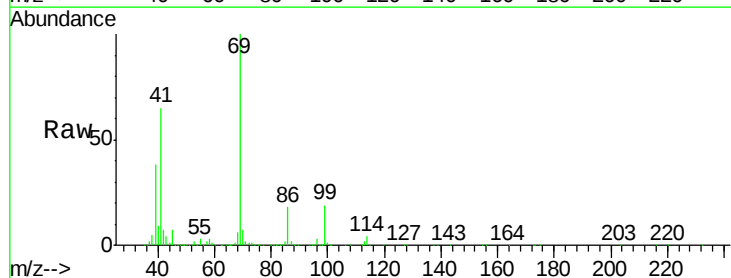
Tgt Ion: 69 Resp: 388546

Ion Ratio Lower Upper

69 100

41 62.9 48.7 73.1

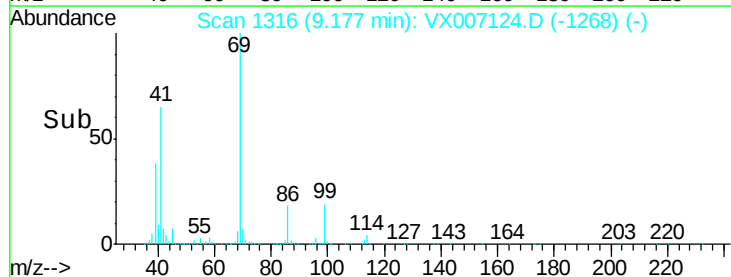
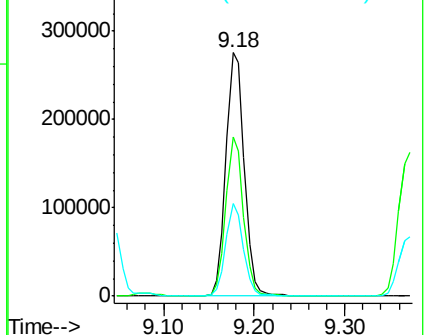
39 36.6 27.0 40.6

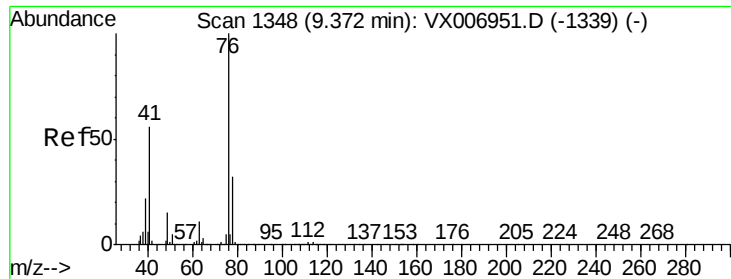


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 51.198 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

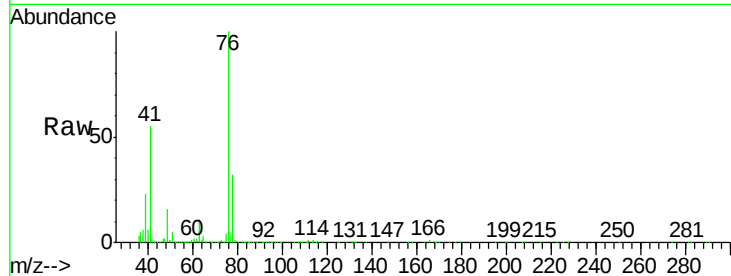
VSTDCCC050

Tot Ion: 76 Resp: 420598

Ion Ratio Lower Upper

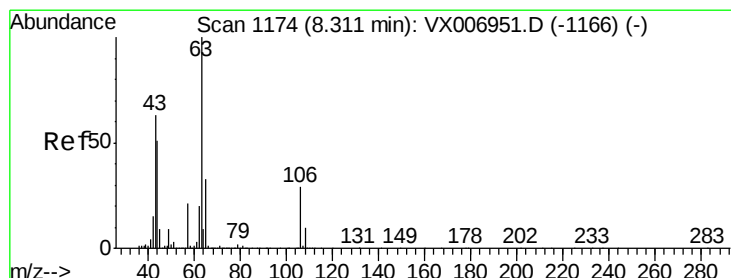
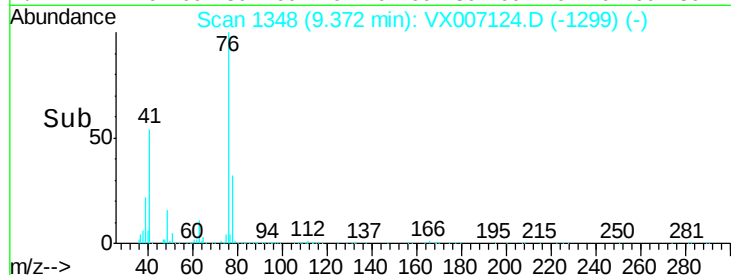
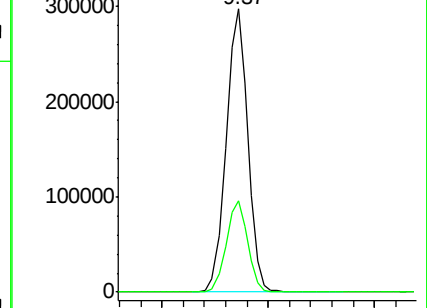
76 100

78 32.1 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: 277.821 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007124.D

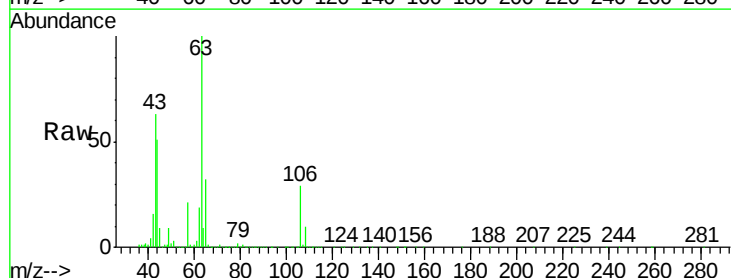
Acq: 18 Jan 2019 10:13

Tgt Ion: 63 Resp: 1045677

Ion Ratio Lower Upper

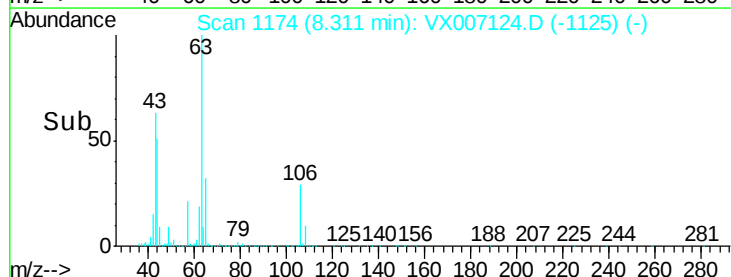
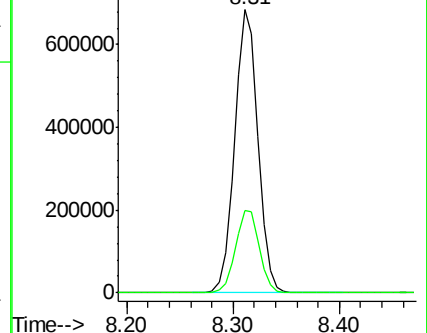
63 100

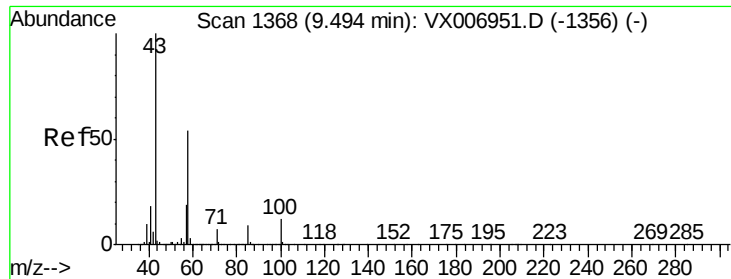
106 30.1 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

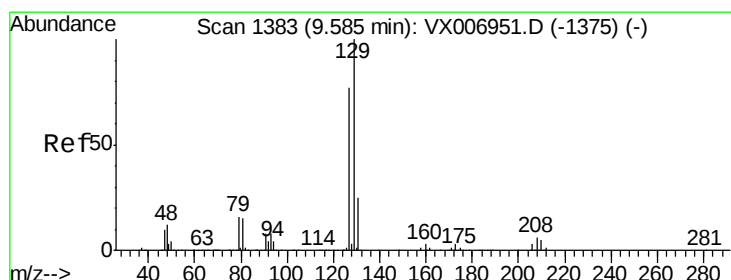
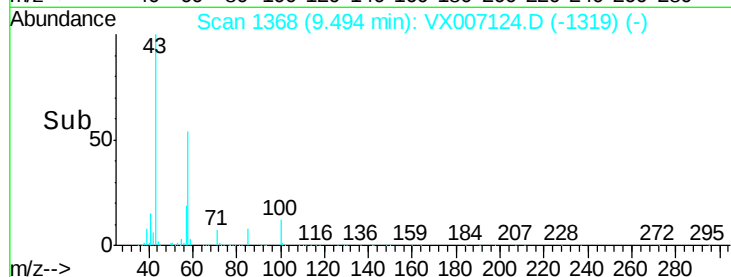
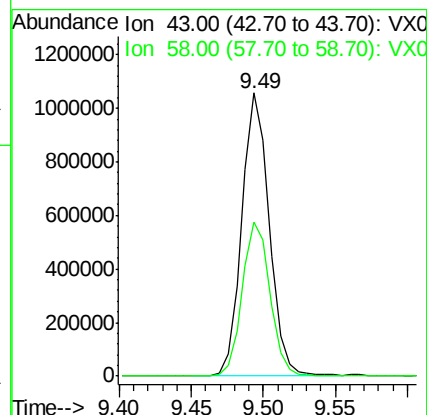
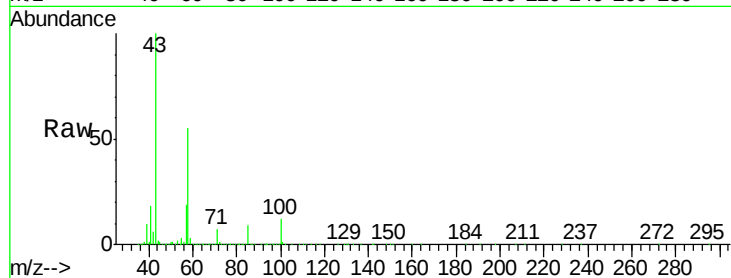




#59
2-Hexanone
Concen: 264.564 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

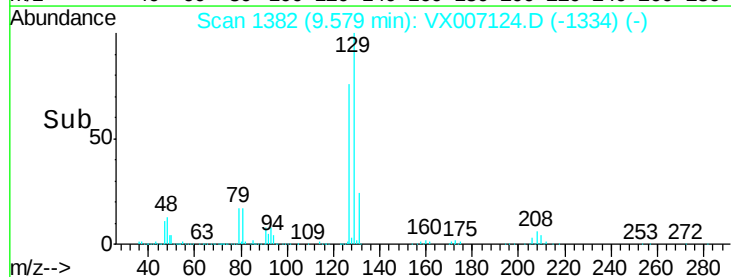
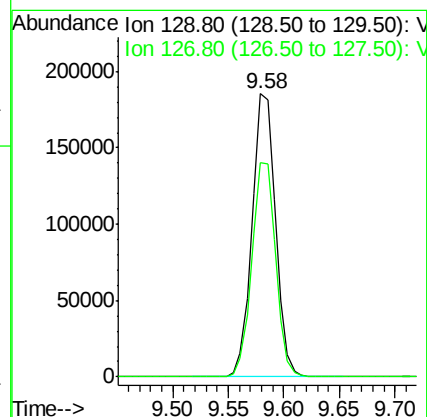
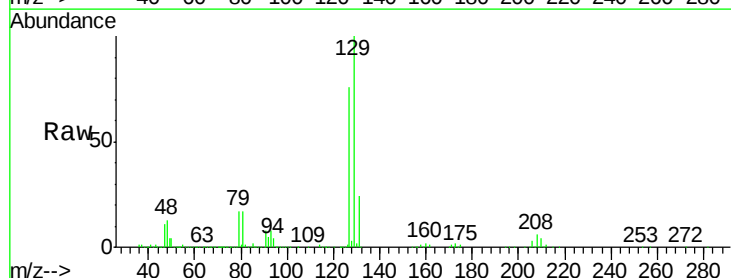
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

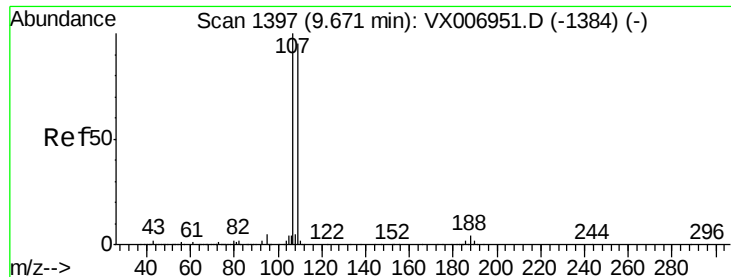
Tot Ion: 43 Resp: 1399660
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1



#60
Dibromochloromethane
Concen: 55.943 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion: 129 Resp: 272396
Ion Ratio Lower Upper
129 100
127 76.7 39.3 117.8





#61

1,2-Dibromoethane

Concen: 52.104 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

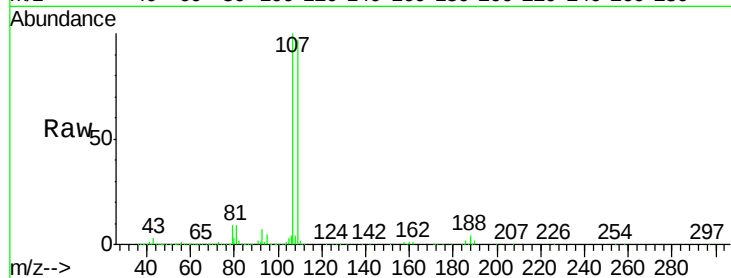
VSTDCCC050

Tot Ion:107 Resp: 287633

Ion Ratio Lower Upper

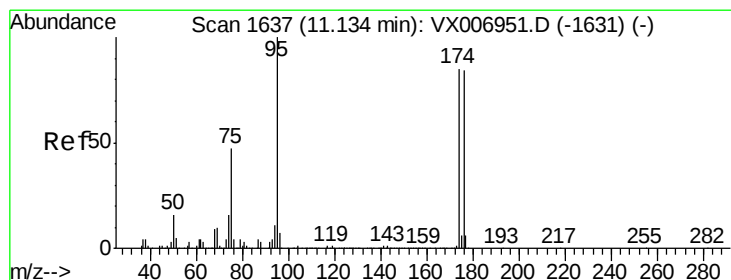
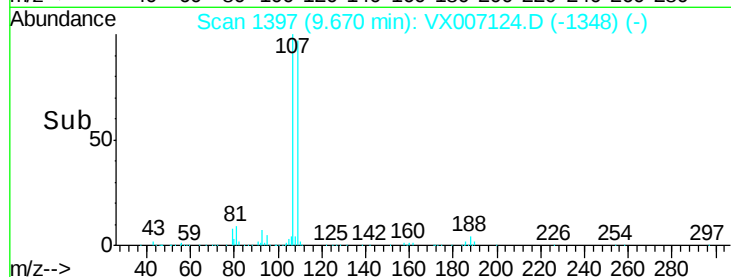
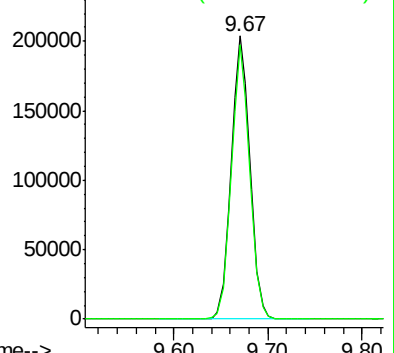
107 100

109 94.4 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: 52.787 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

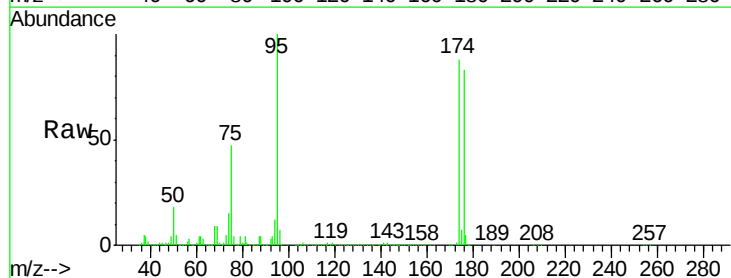
Tgt Ion: 95 Resp: 316945

Ion Ratio Lower Upper

95 100

174 93.4 0.0 182.2

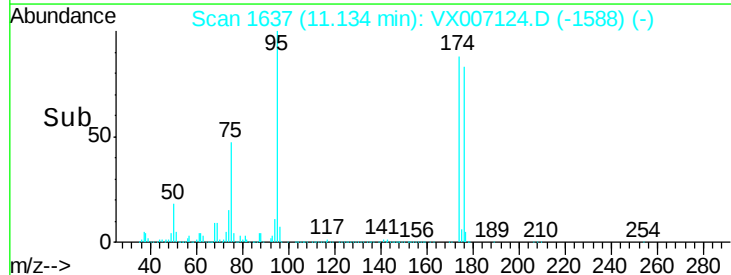
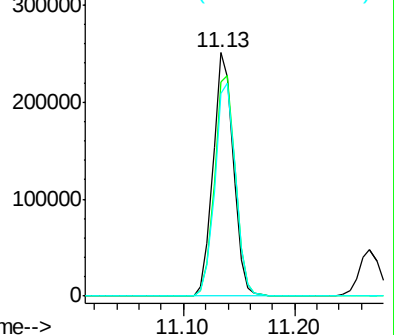
176 89.7 0.0 178.8

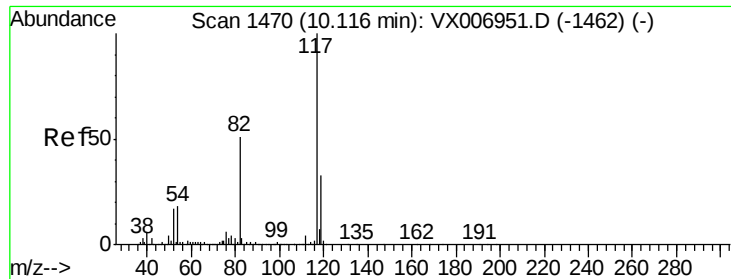


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

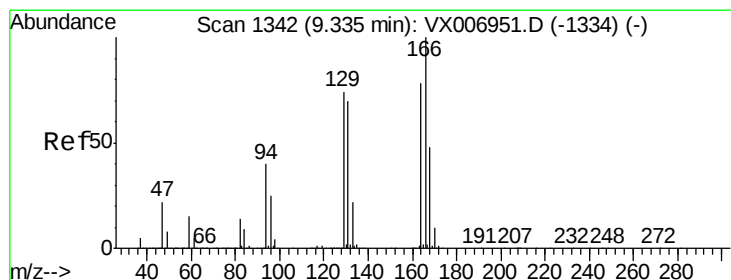
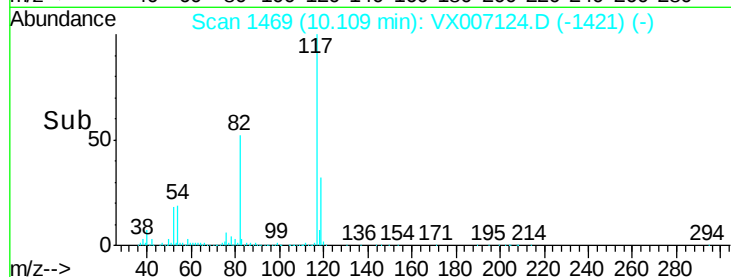
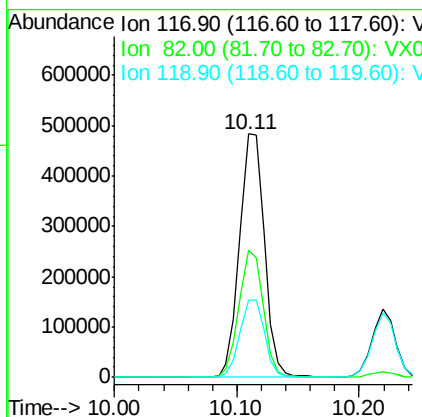
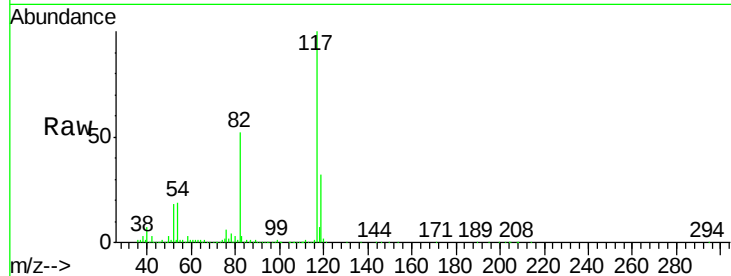




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

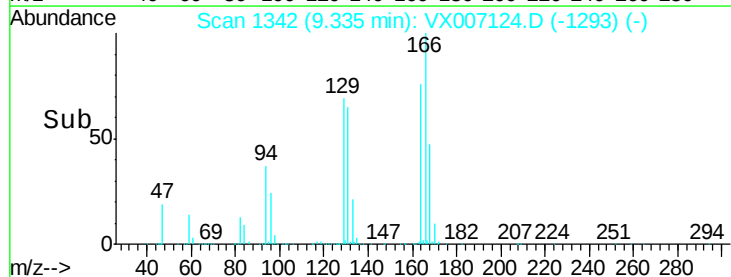
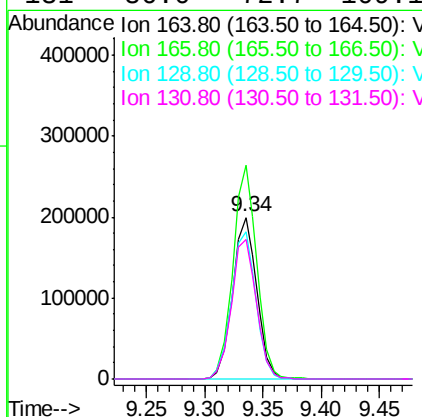
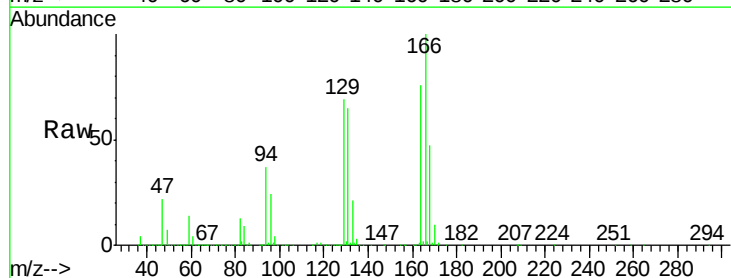
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

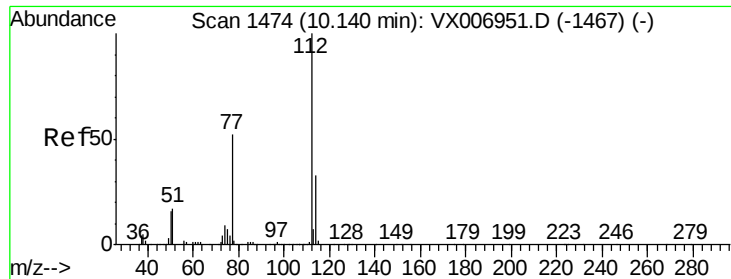
Tot Ion:117 Resp: 681648
Ion Ratio Lower Upper
117 100
82 52.0 41.0 61.6
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 49.169 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion:164 Resp: 290173
Ion Ratio Lower Upper
164 100
166 131.9 102.5 153.7
129 90.9 75.1 112.7
131 86.0 72.7 109.1

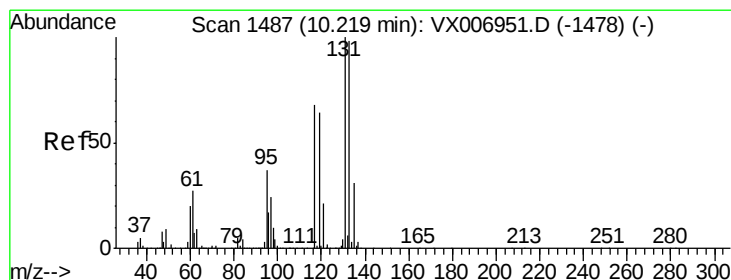
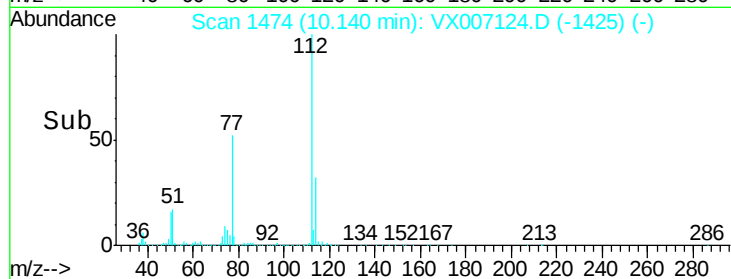
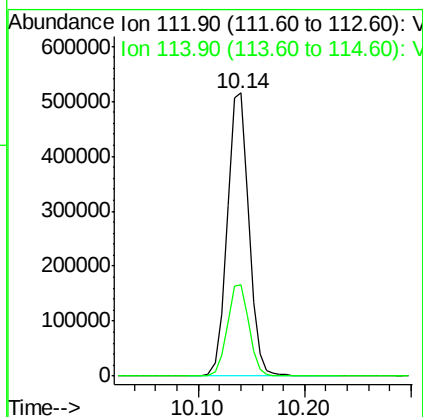
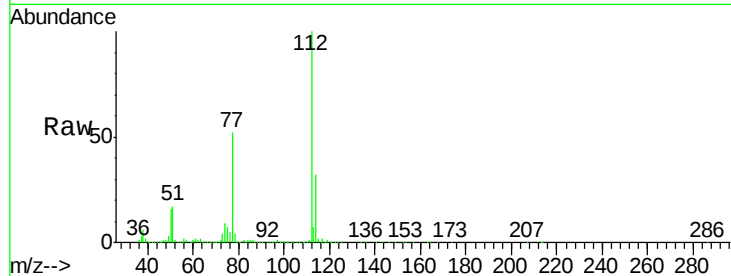




#65
Chlorobenzene
Concen: 49.313 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

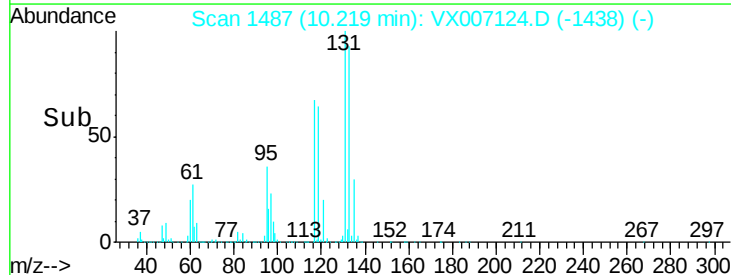
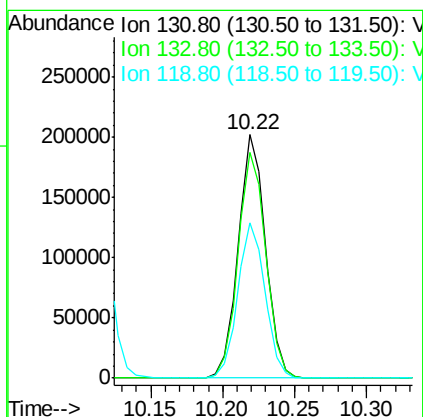
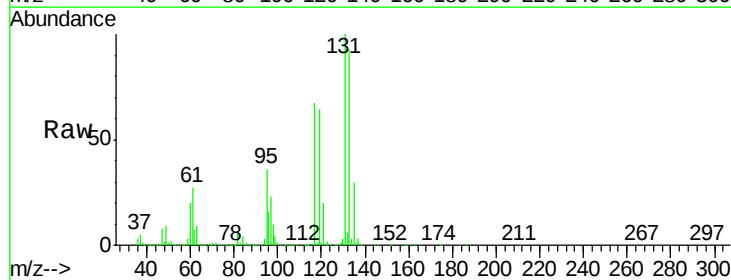
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

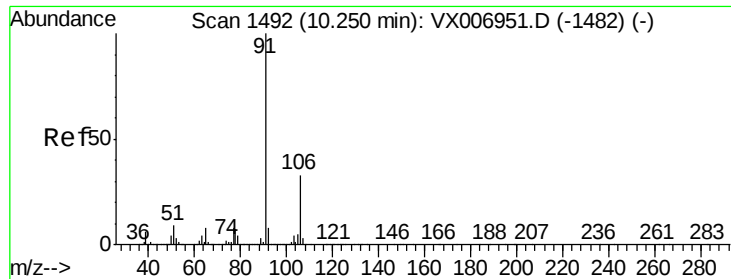
Tot Ion:112 Resp: 733141
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.122 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion:131 Resp: 265681
Ion Ratio Lower Upper
131 100
133 94.5 48.0 144.2
119 63.9 32.6 97.8





#67

Ethyl Benzene

Concen: 49.545 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

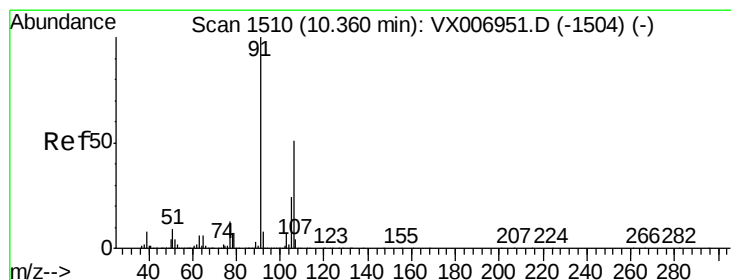
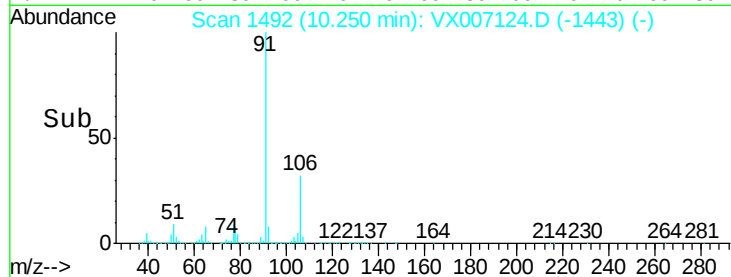
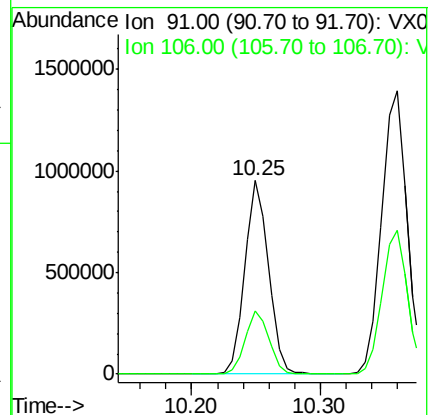
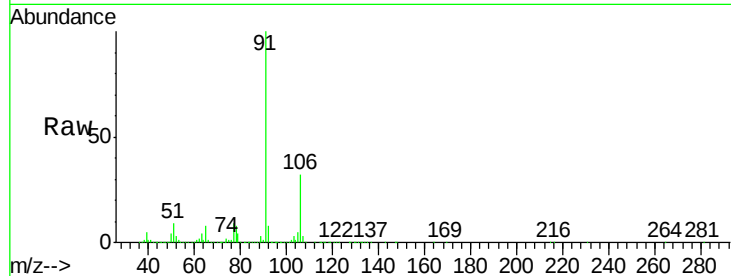
VSTDCCC050

Tot Ion: 91 Resp: 1216016

Ion Ratio Lower Upper

91 100

106 32.4 26.4 39.6



#68

m/p-Xylenes

Concen: 99.657 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007124.D

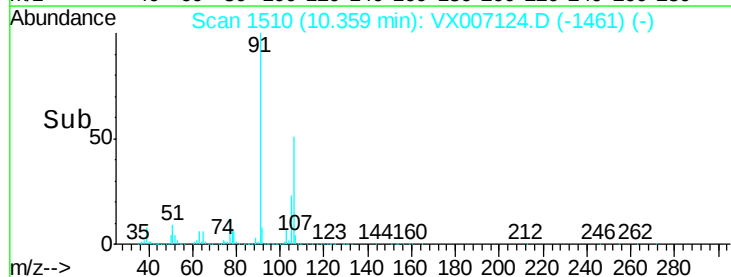
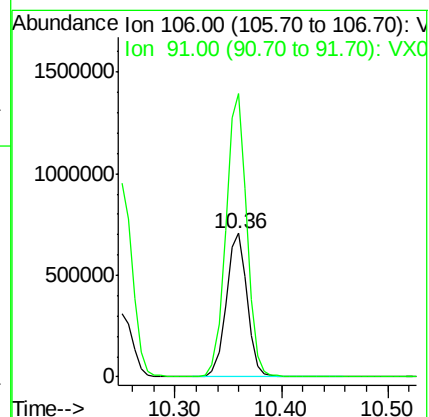
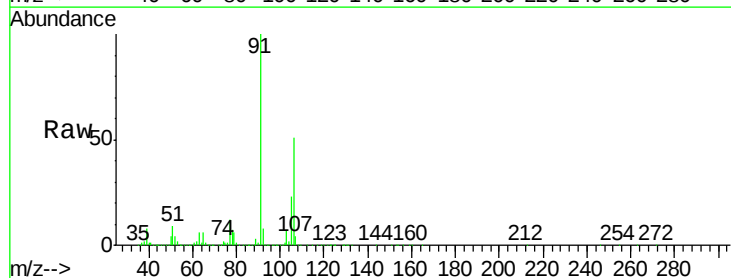
Acq: 18 Jan 2019 10:13

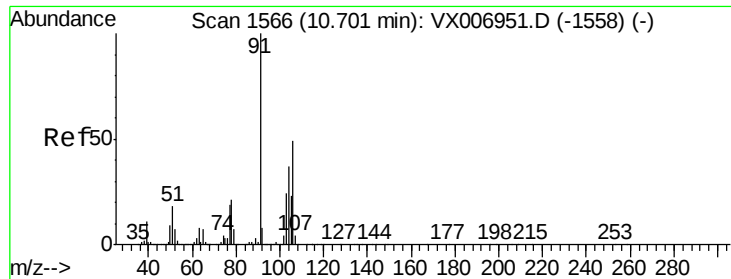
Tgt Ion: 106 Resp: 963669

Ion Ratio Lower Upper

106 100

91 197.0 155.8 233.6

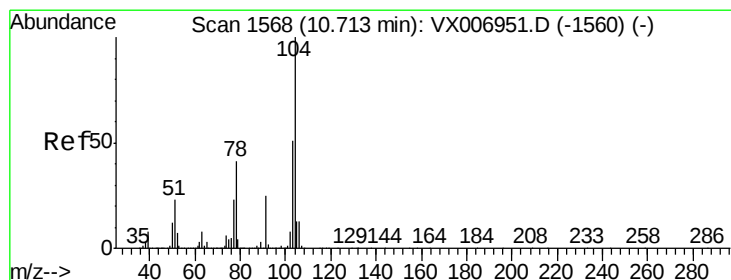
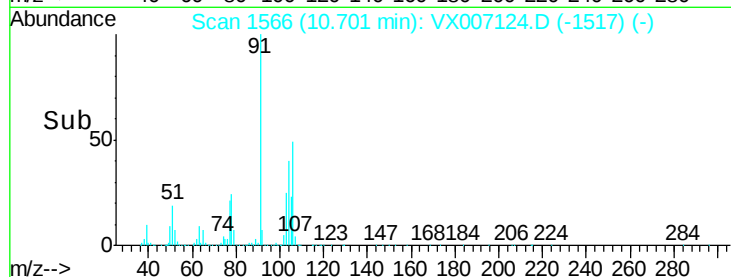
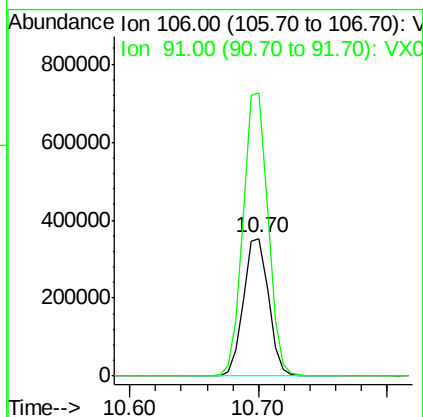
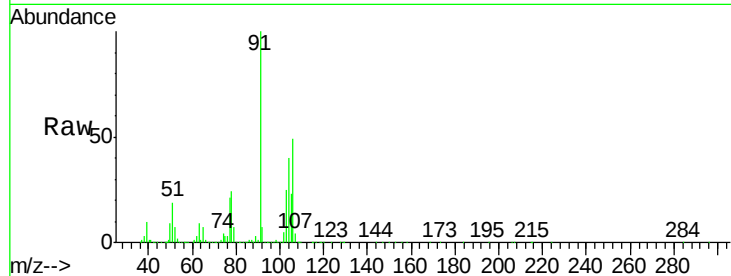




#69
o-Xylene
Concen: 50.065 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

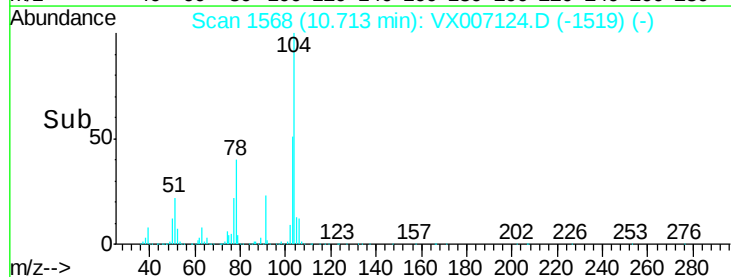
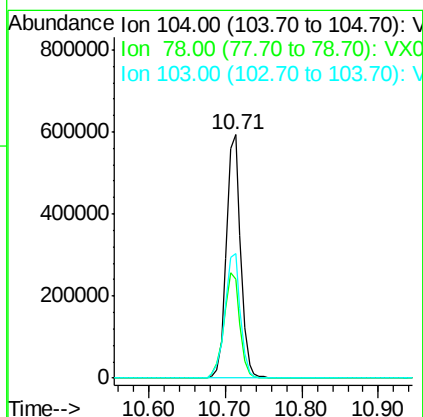
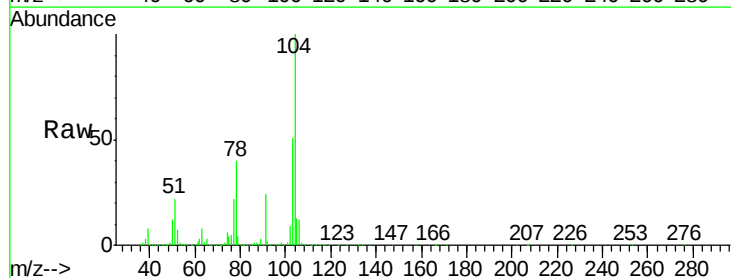
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

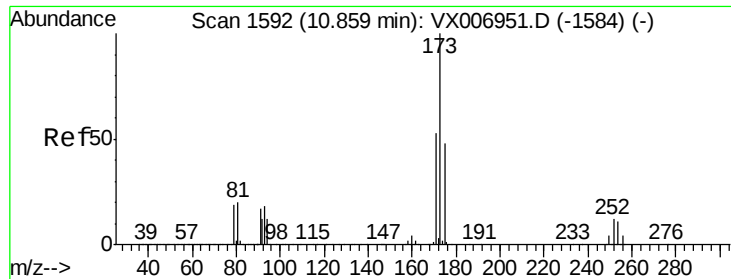
Tot Ion:106 Resp: 472144
Ion Ratio Lower Upper
106 100
91 205.6 101.3 303.7



#70
Styrene
Concen: 51.189 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion:104 Resp: 764564
Ion Ratio Lower Upper
104 100
78 48.0 37.7 56.5
103 55.9 43.8 65.8

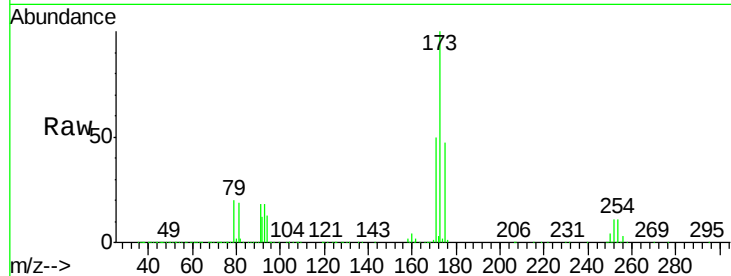




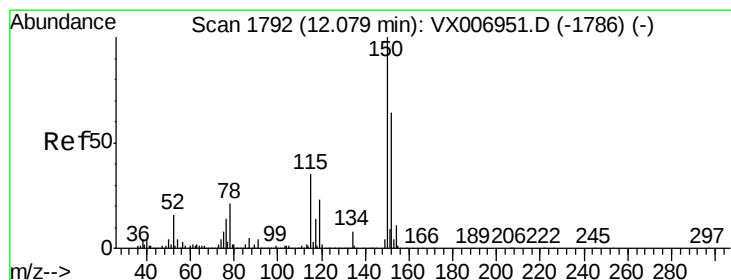
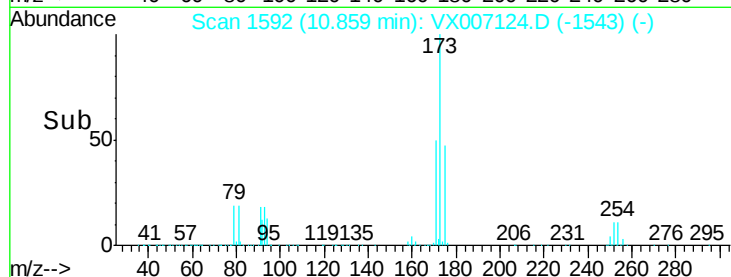
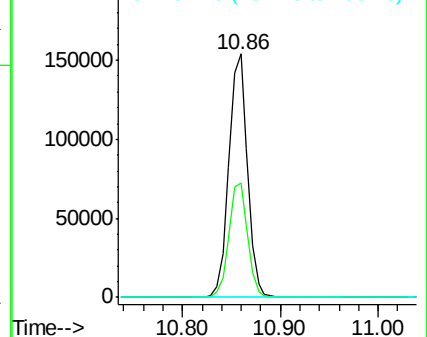
#71
Bromoform
Concen: 45.686 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 202406
Ion Ratio Lower Upper
173 100
175 47.5 24.7 74.1
254 0.2 0.2 0.2

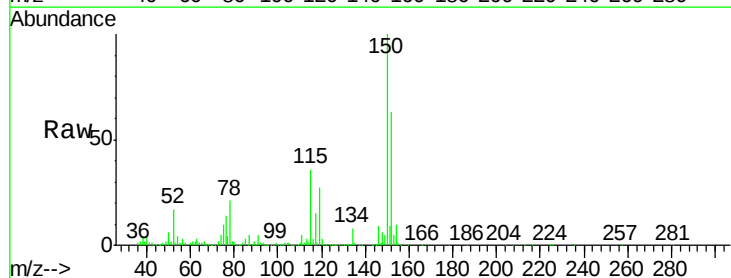


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

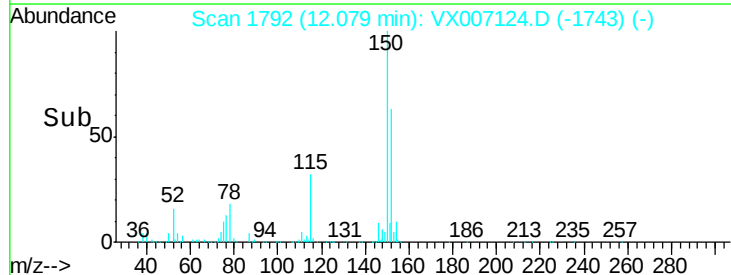
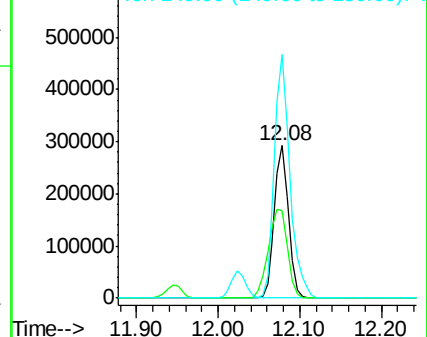


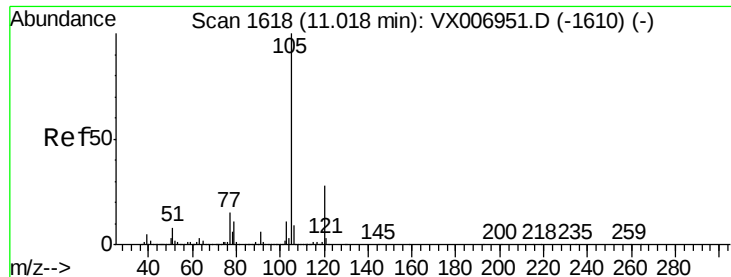
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion:152 Resp: 350751
Ion Ratio Lower Upper
152 100
115 79.4 39.1 117.2
150 175.2 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.182 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

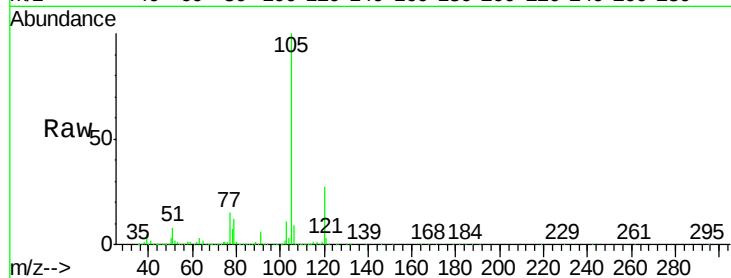
VSTDCCC050

Tot Ion:105 Resp: 1265863

Ion Ratio Lower Upper

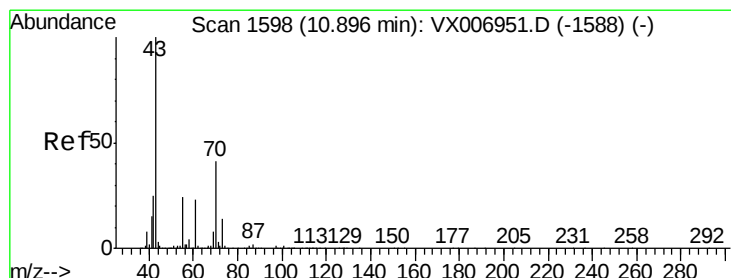
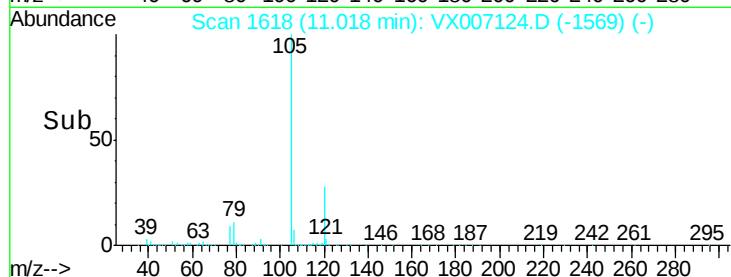
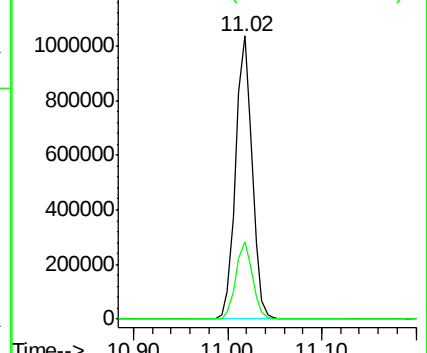
105 100

120 27.7 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: 49.366 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Tgt Ion: 43 Resp: 491589

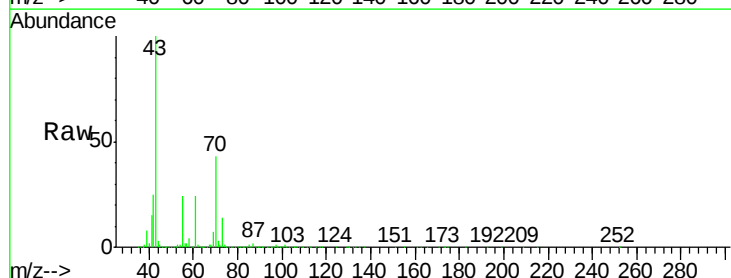
Ion Ratio Lower Upper

43 100

70 43.1 35.8 53.8

55 24.3 19.4 29.0

61 24.4 20.1 30.1

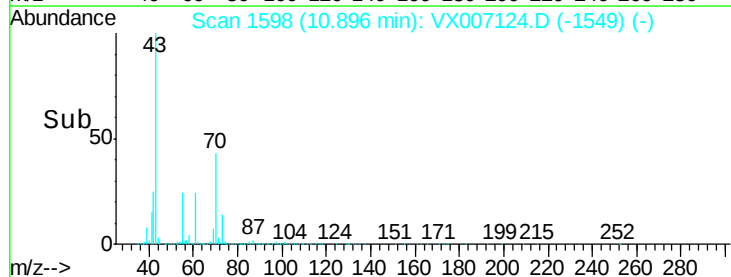
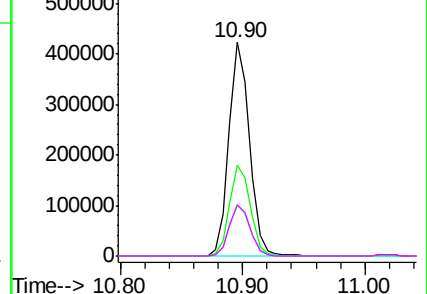


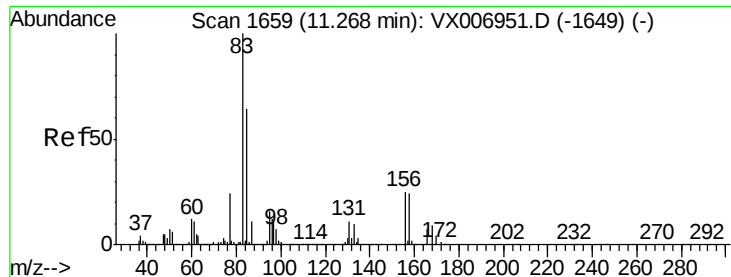
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.528 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

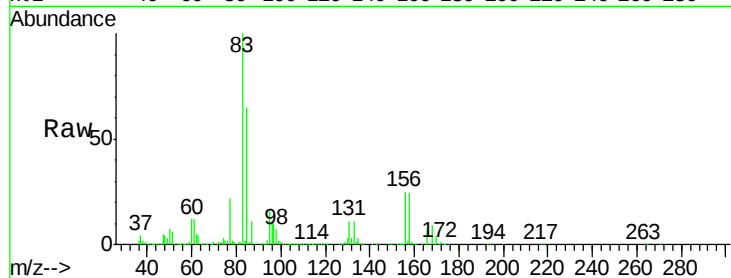
Tot Ion: 83 Resp: 381032

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.1

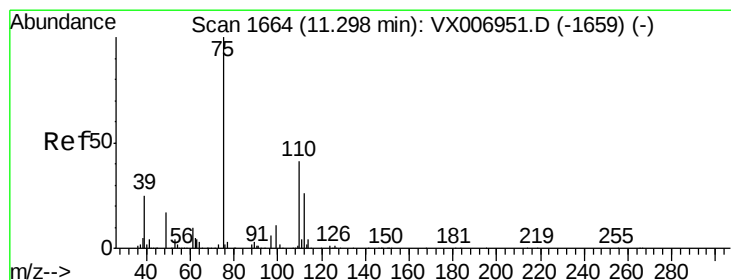
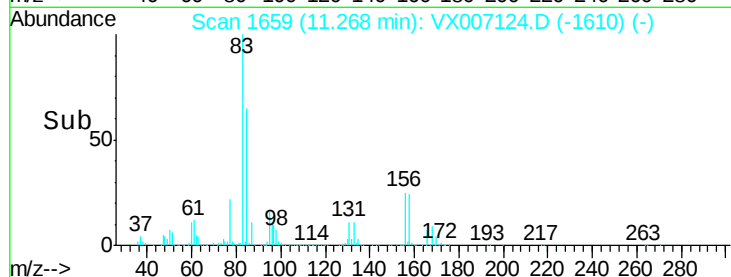
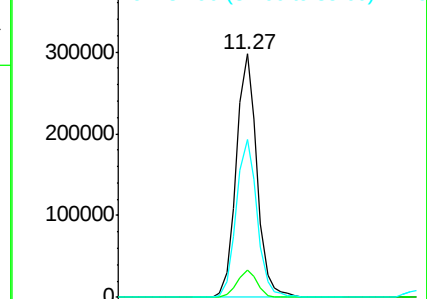
85 66.0 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.646 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007124.D

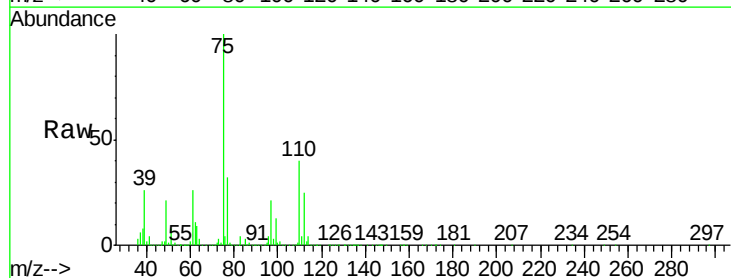
Acq: 18 Jan 2019 10:13

Tgt Ion: 75 Resp: 445273

Ion Ratio Lower Upper

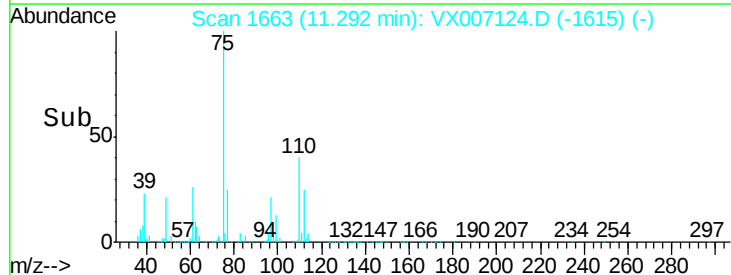
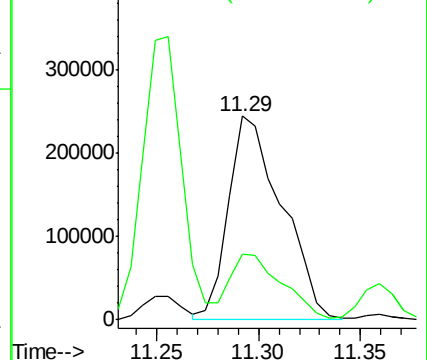
75 100

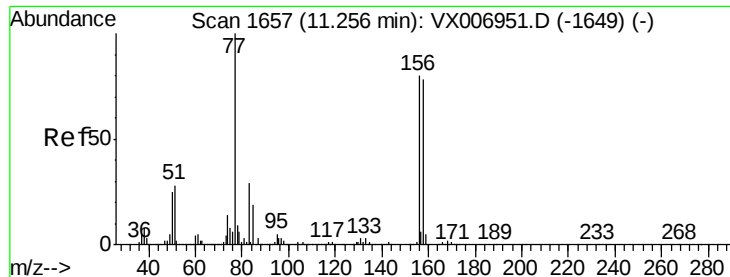
77 32.6 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.738 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

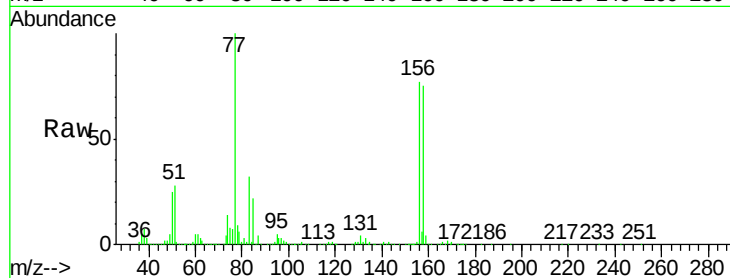
Tot Ion:156 Resp: 338955

Ion Ratio Lower Upper

156 100

77 132.5 68.0 204.0

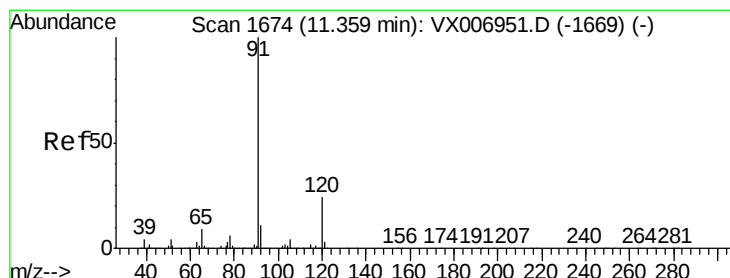
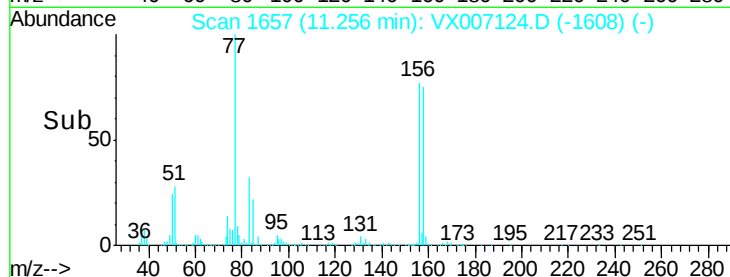
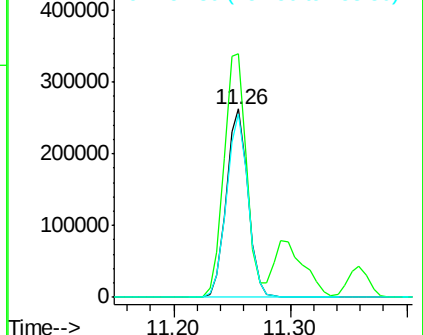
158 97.1 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.674 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007124.D

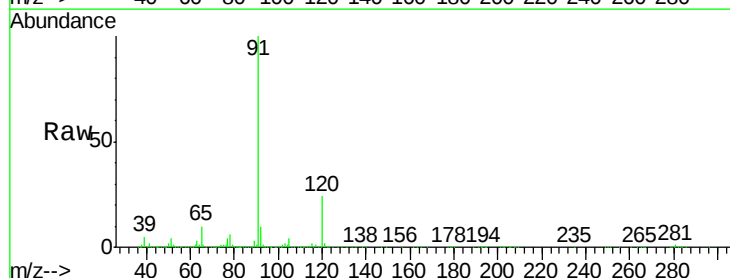
Acq: 18 Jan 2019 10:13

Tgt Ion: 91 Resp: 1430170

Ion Ratio Lower Upper

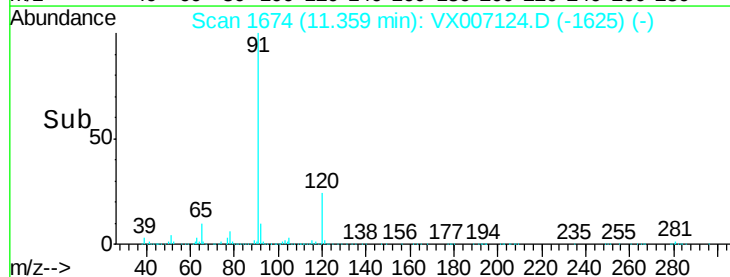
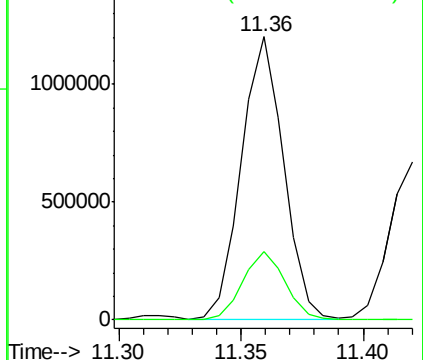
91 100

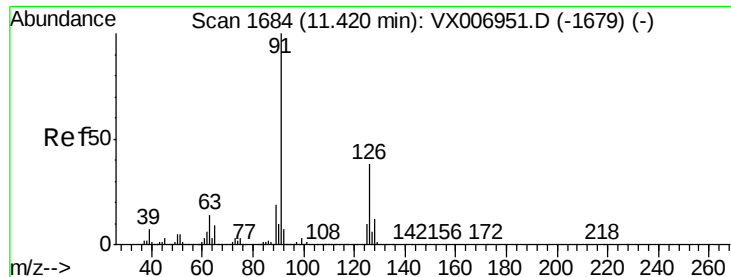
120 24.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.340 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

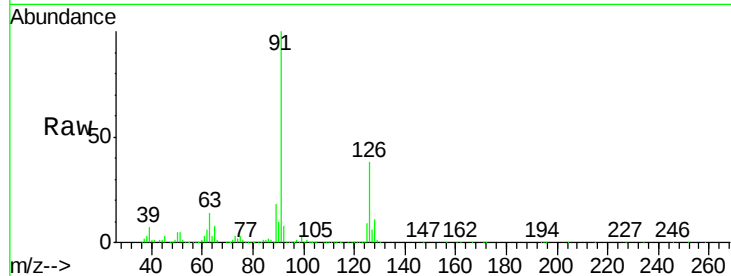
VSTDCCC050

Tot Ion: 91 Resp: 822764

Ion Ratio Lower Upper

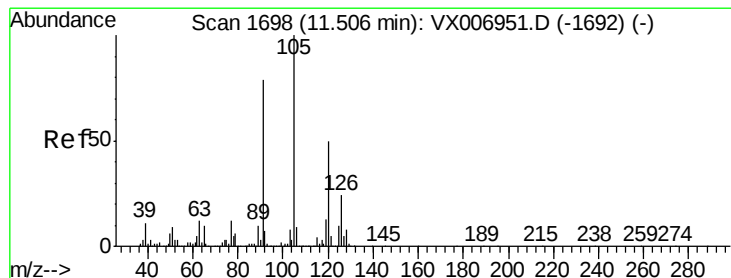
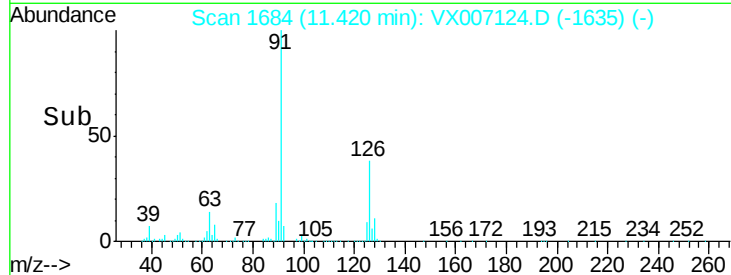
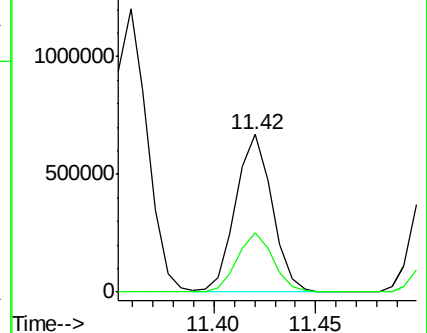
91 100

126 37.4 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.865 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007124.D

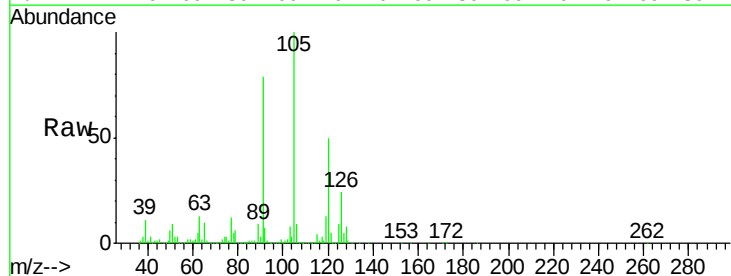
Acq: 18 Jan 2019 10:13

Tgt Ion:105 Resp: 1051190

Ion Ratio Lower Upper

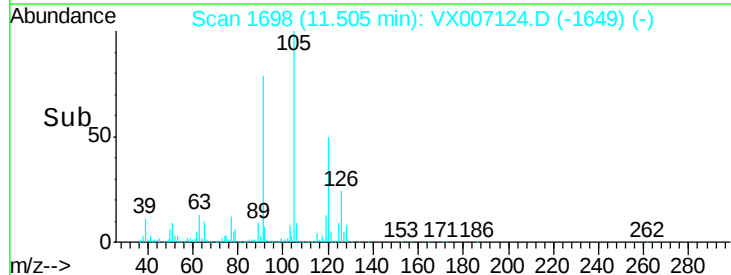
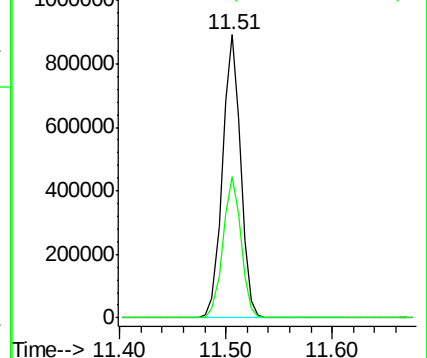
105 100

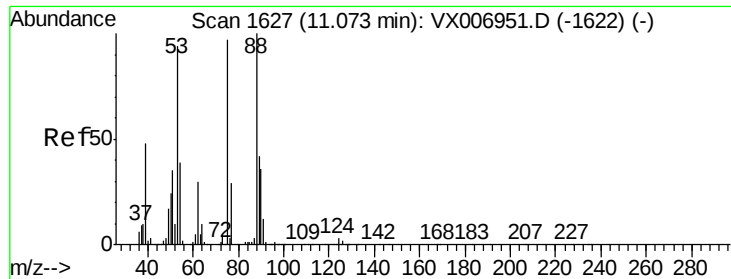
120 49.8 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.409 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

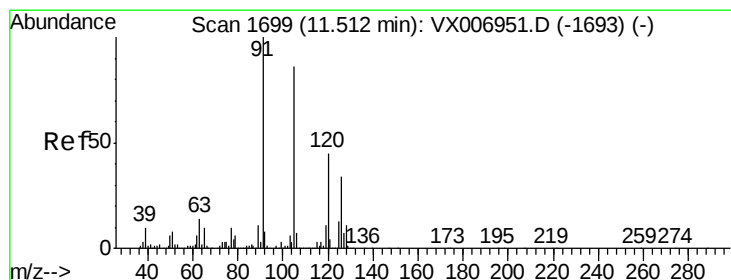
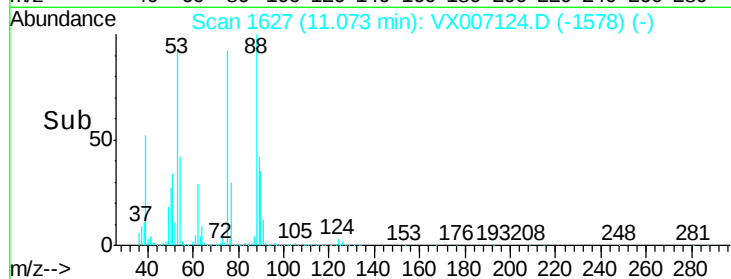
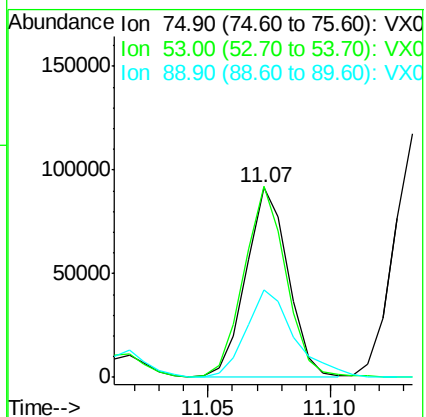
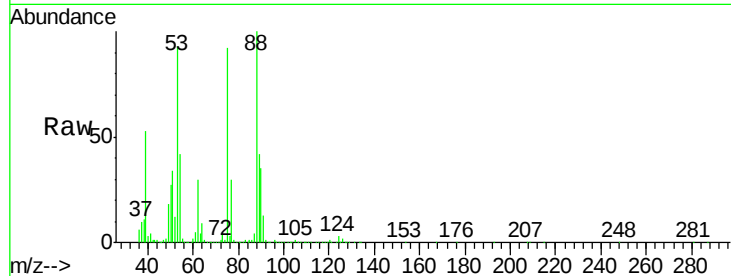
Tot Ion: 75 Resp: 108614

Ion Ratio Lower Upper

75 100

53 100.5 79.7 119.5

89 53.4 38.0 57.0



#82

4-Chlorotoluene

Concen: 51.384 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007124.D

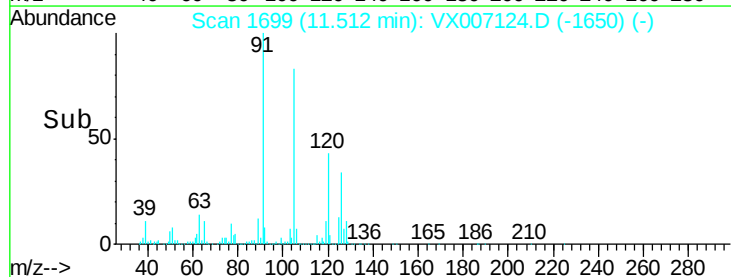
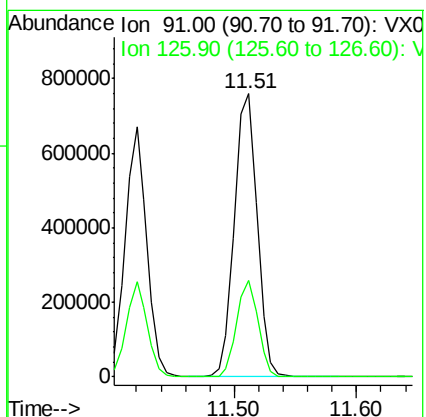
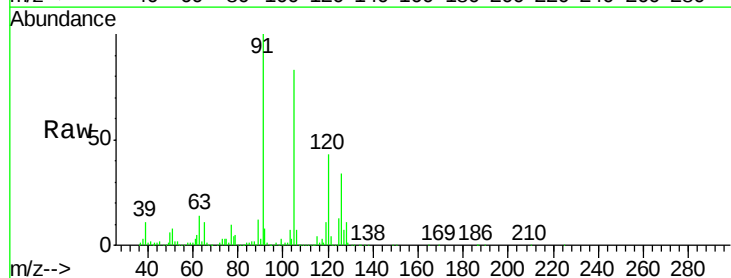
Acq: 18 Jan 2019 10:13

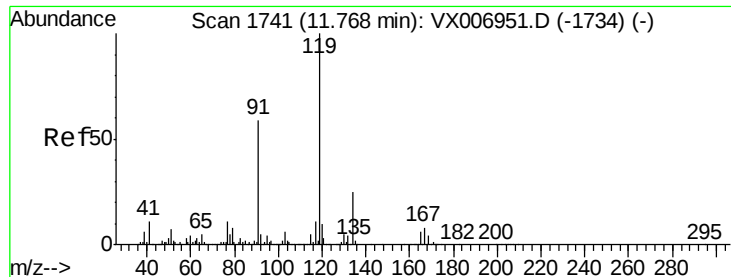
Tgt Ion: 91 Resp: 972373

Ion Ratio Lower Upper

91 100

126 32.4 16.3 48.9





#83

tert-Butylbenzene

Concen: 51.826 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

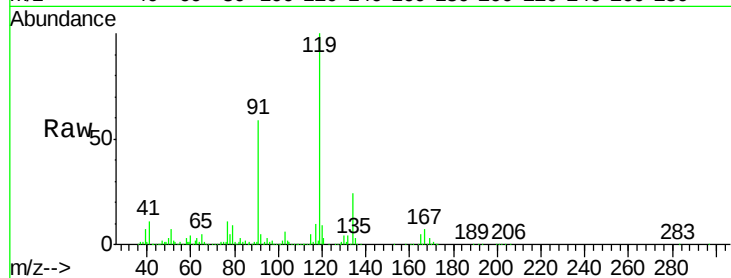
Tot Ion:119 Resp: 1068616

Ion Ratio Lower Upper

119 100

91 54.7 27.7 83.1

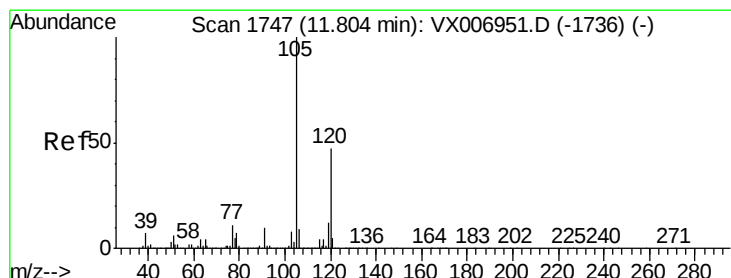
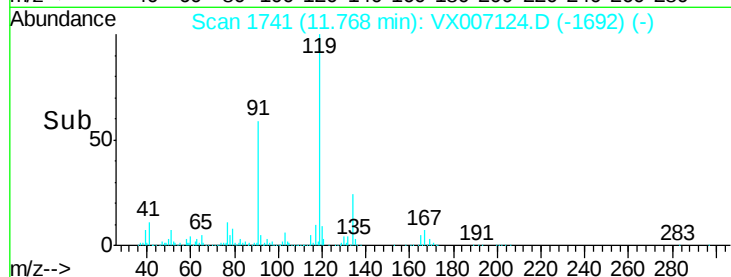
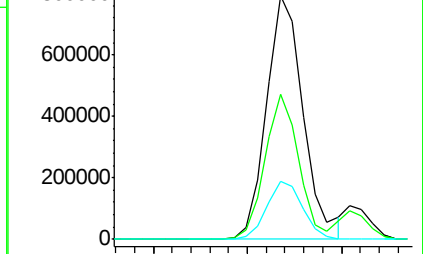
134 23.4 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.451 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007124.D

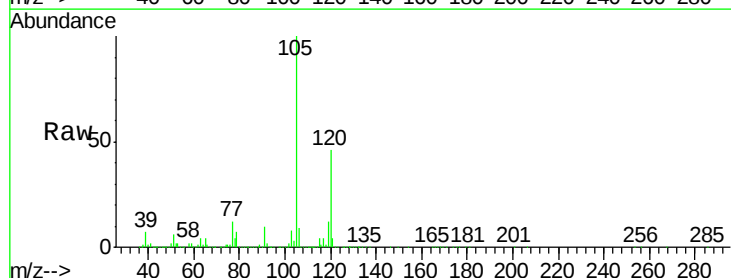
Acq: 18 Jan 2019 10:13

Tgt Ion:105 Resp: 1069228

Ion Ratio Lower Upper

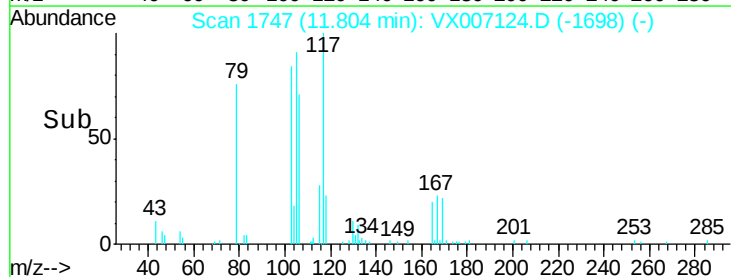
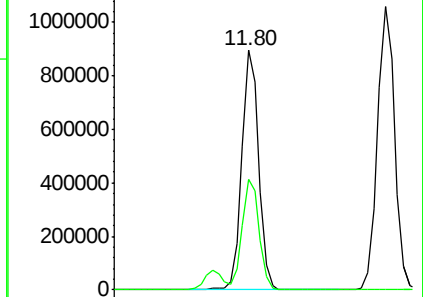
105 100

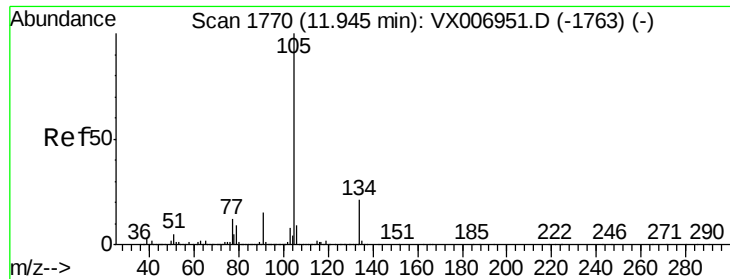
120 46.1 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.428 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

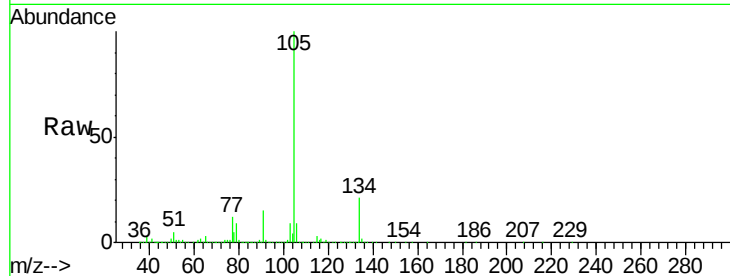
VSTDCCC050

Tot Ion:105 Resp: 1291037

Ion Ratio Lower Upper

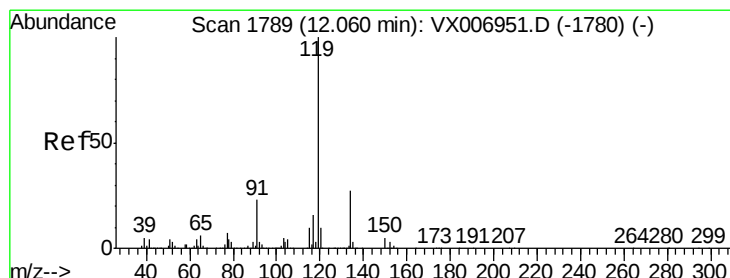
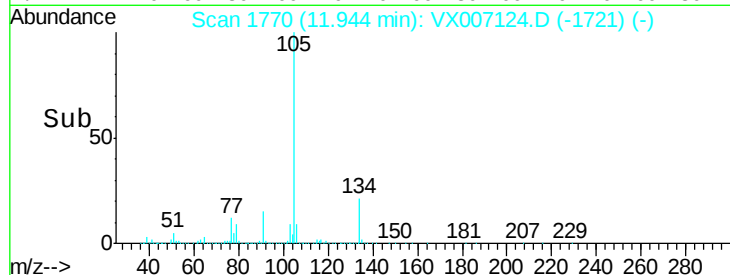
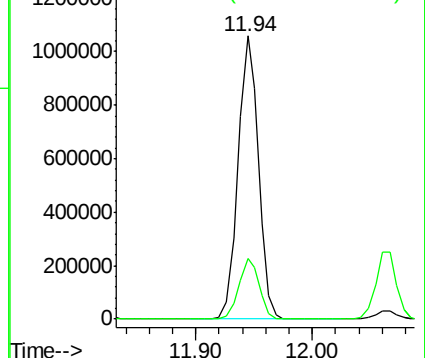
105 100

134 21.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.931 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

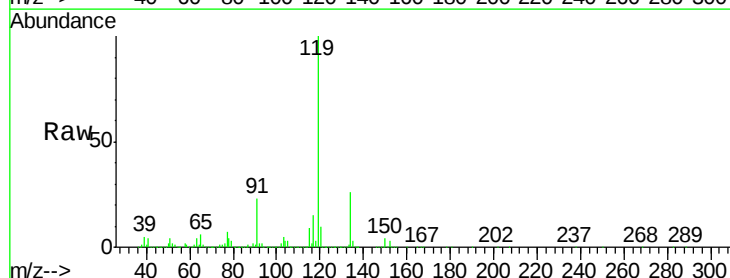
Tgt Ion:119 Resp: 1165877

Ion Ratio Lower Upper

119 100

134 26.8 14.0 41.9

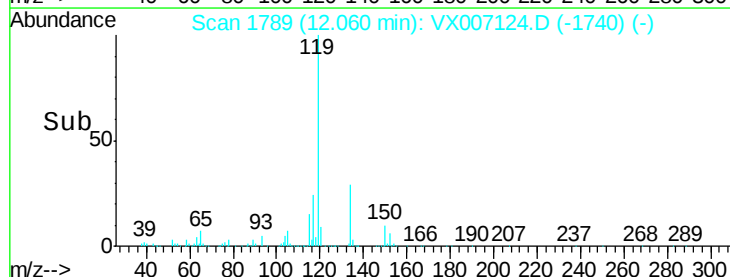
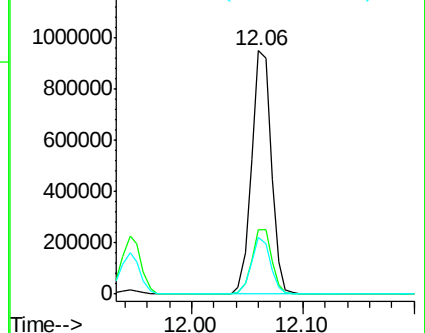
91 22.3 11.3 33.9

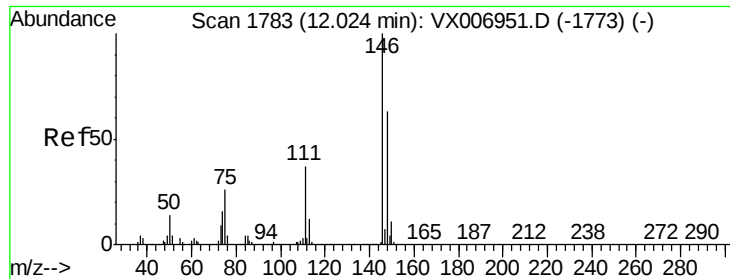


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

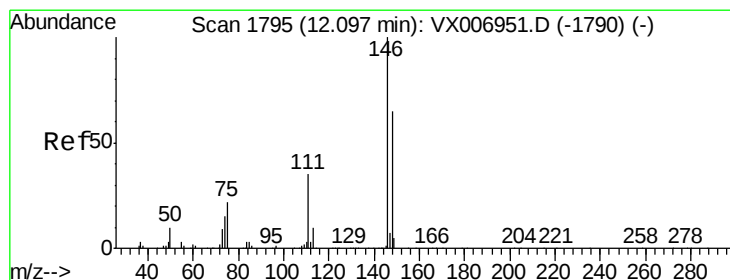
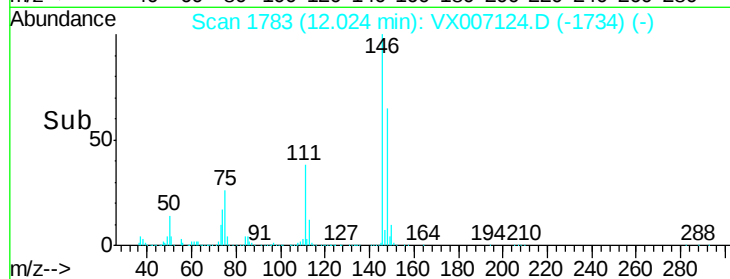
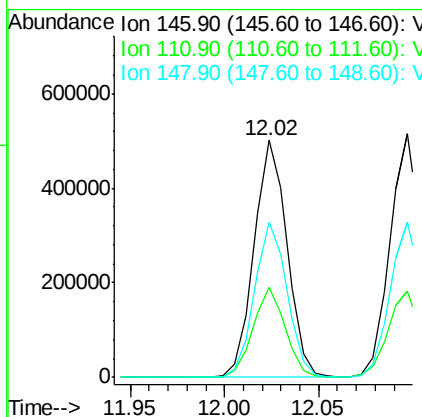
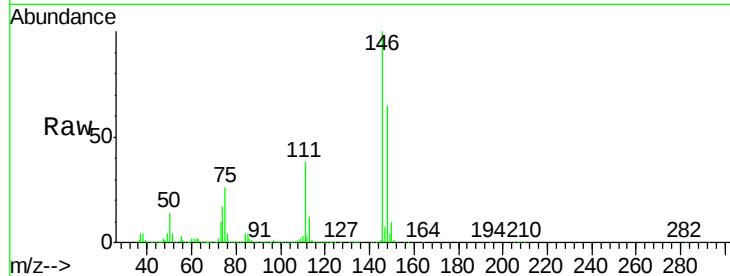




#87
 1,3-Dichlorobenzene
 Concen: 49.426 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

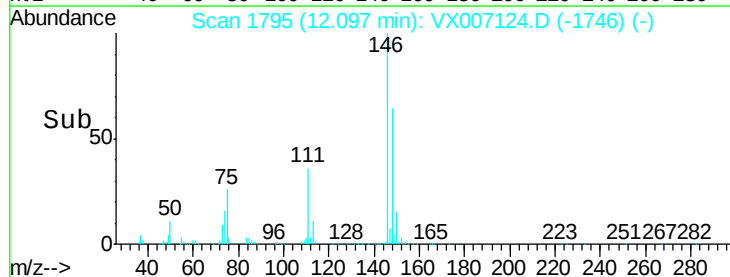
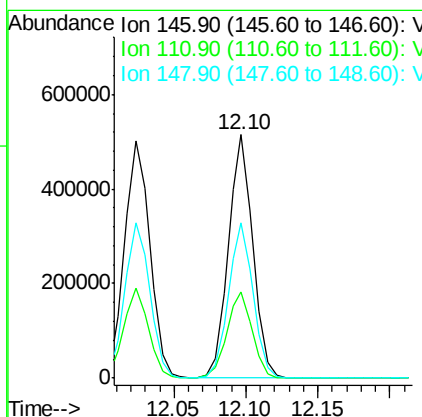
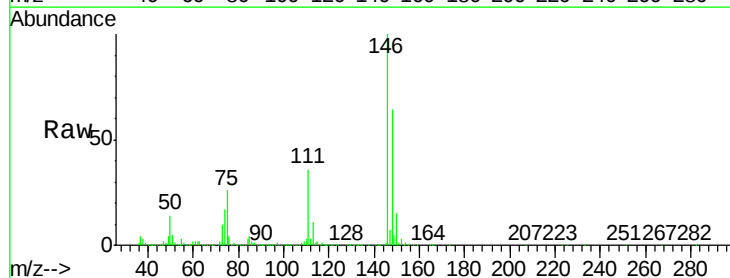
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

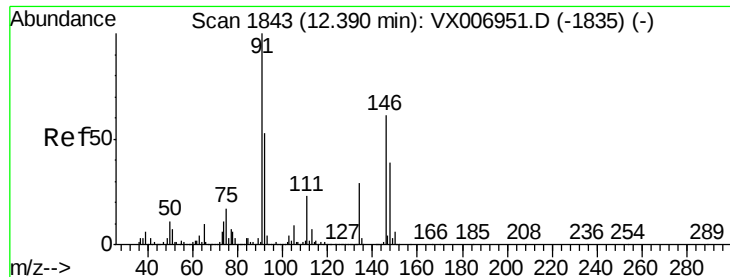
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	64.5	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 52.625 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.1
148	64.3	31.9	95.9

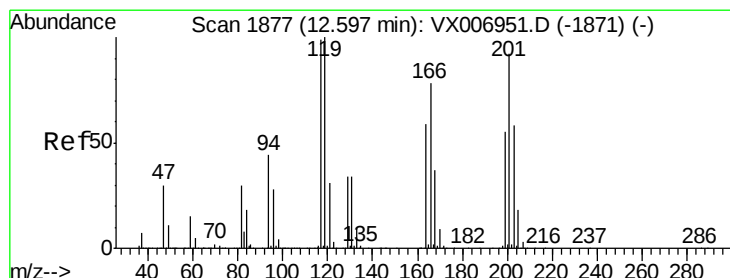
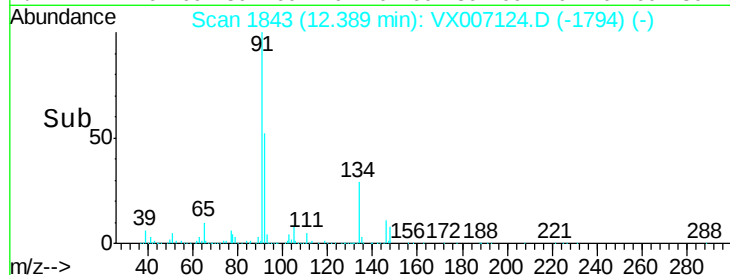
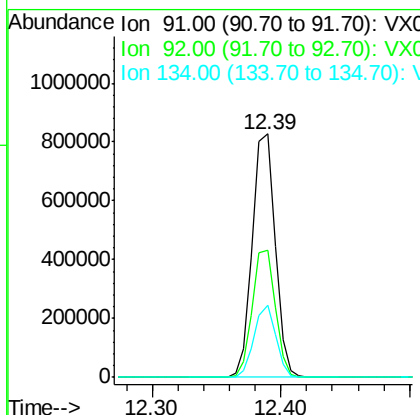
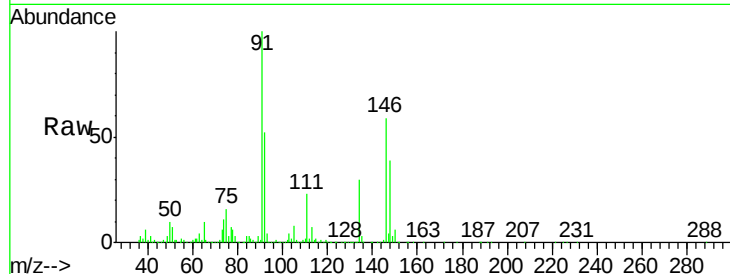




#89
n-Butylbenzene
Concen: 53.587 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

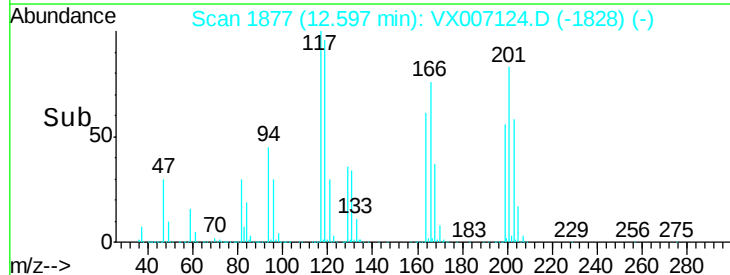
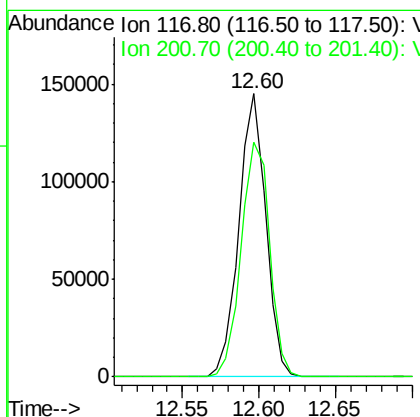
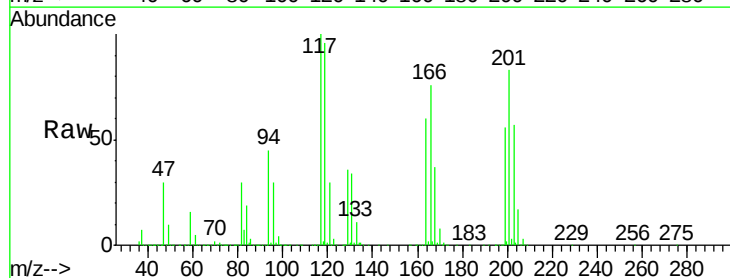
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

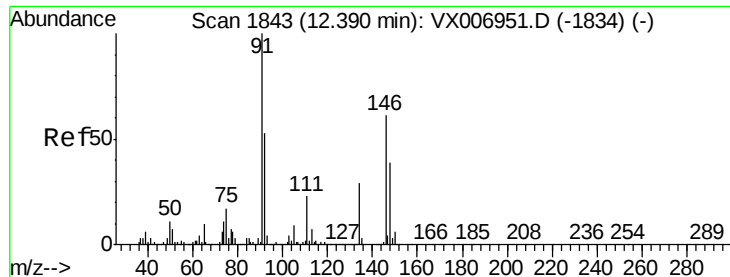
Tot Ion: 91 Resp: 1006191
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.4
134 28.3 14.4 43.2



#90
Hexachloroethane
Concen: 50.417 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007124.D
Acq: 18 Jan 2019 10:13

Tgt Ion: 117 Resp: 177375
Ion Ratio Lower Upper
117 100
201 87.6 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 49.494 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

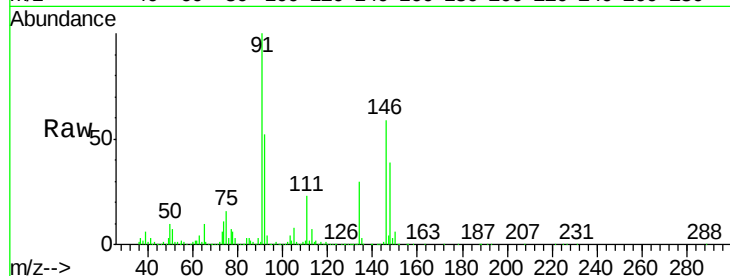
Tot Ion:146 Resp: 601641

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.2

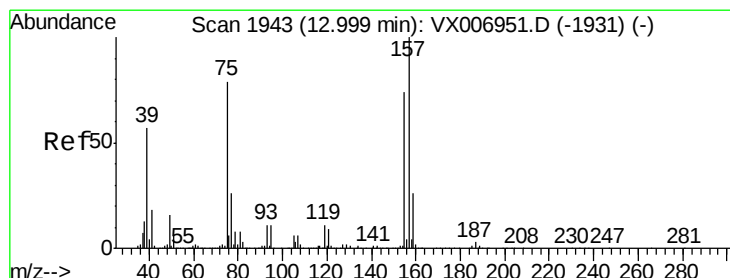
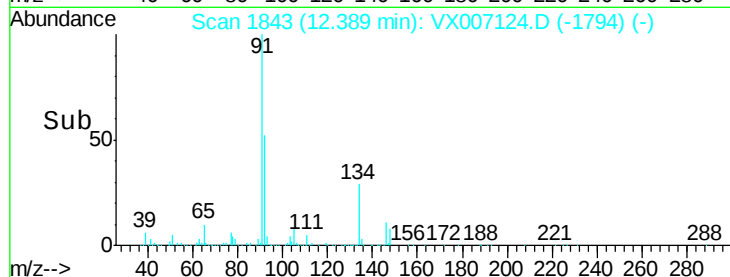
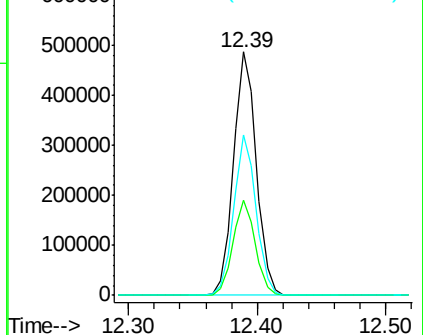
148 64.5 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.994 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

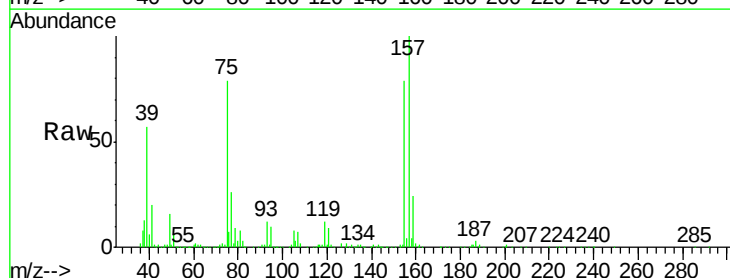
Tgt Ion: 75 Resp: 79188

Ion Ratio Lower Upper

75 100

155 102.6 50.6 151.8

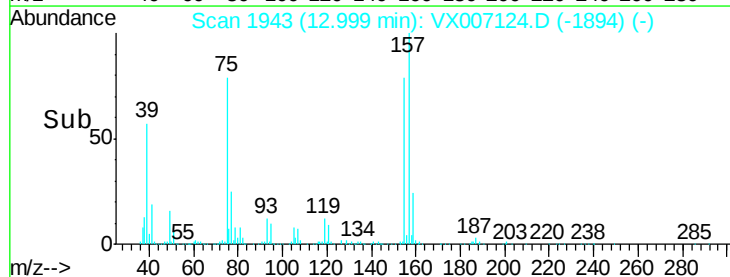
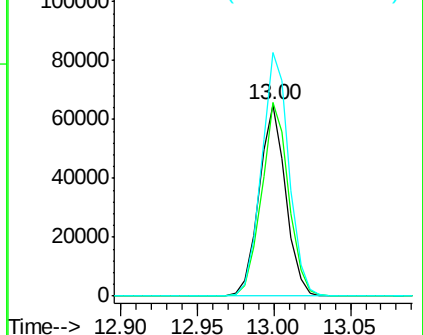
157 130.5 64.6 193.8

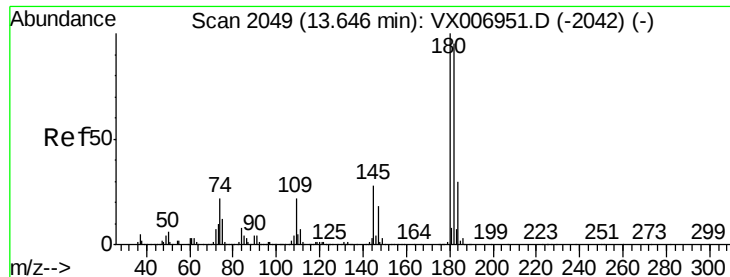


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

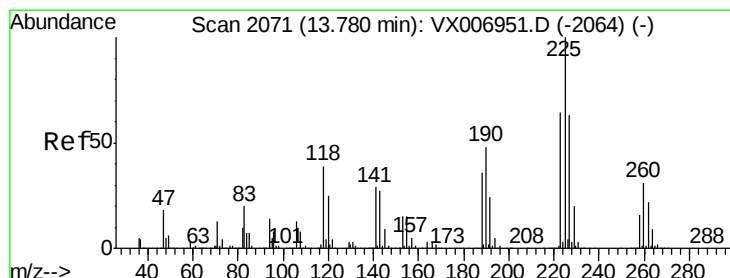
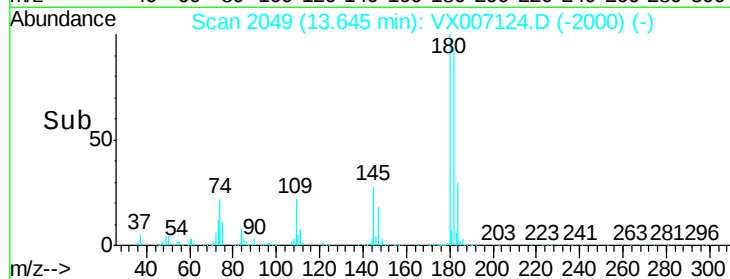
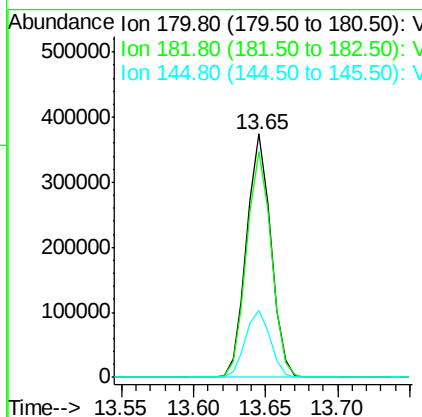
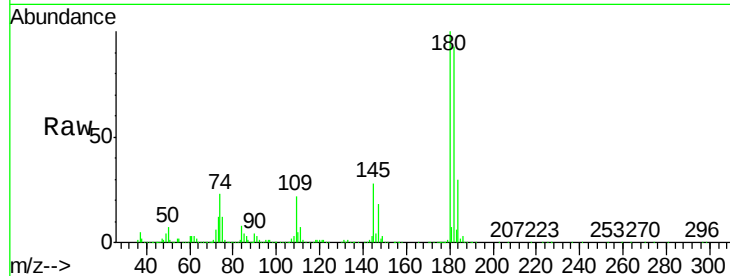




#93
 1,2,4-Trichlorobenzene
 Concen: 52.338 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

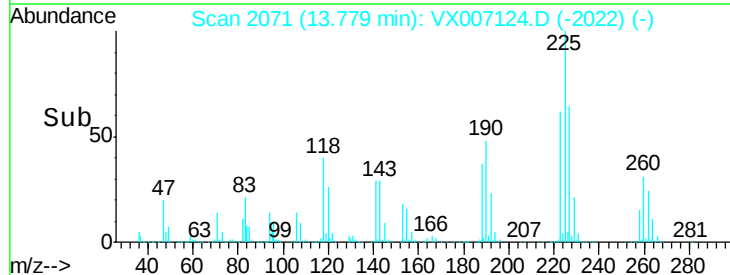
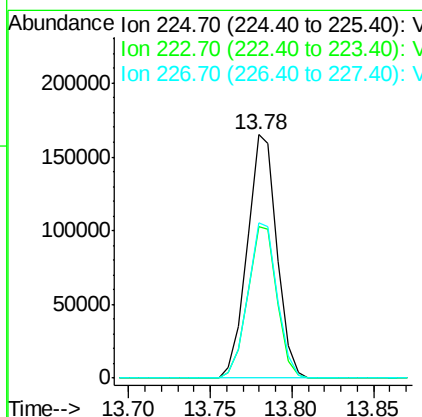
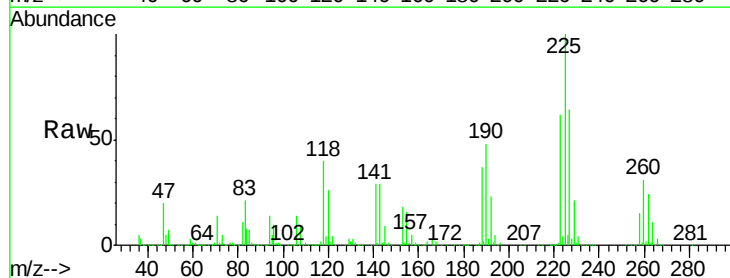
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 436488
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.3 142.0
 145 28.5 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 56.338 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007124.D
 Acq: 18 Jan 2019 10:13

Tgt Ion:225 Resp: 208500
 Ion Ratio Lower Upper
 225 100
 223 61.6 32.1 96.3
 227 63.3 32.3 96.8





#95

Naphthalene

Concen: 51.498 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

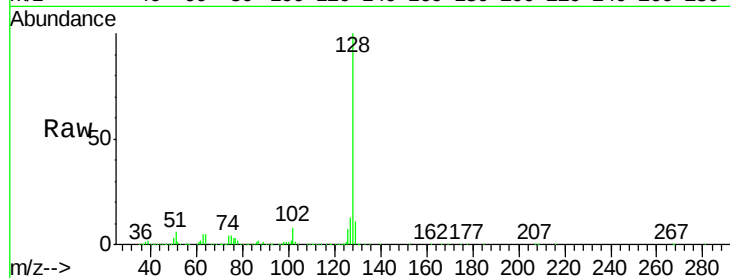
Tot Ion:128 Resp: 1301412

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

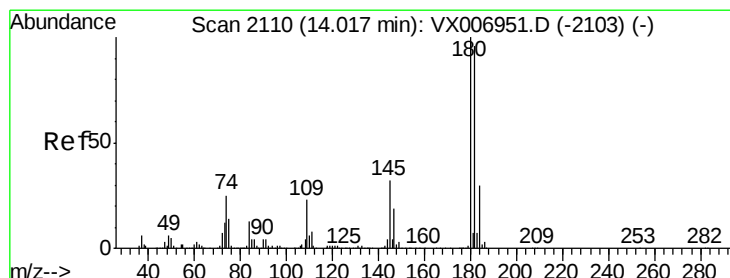
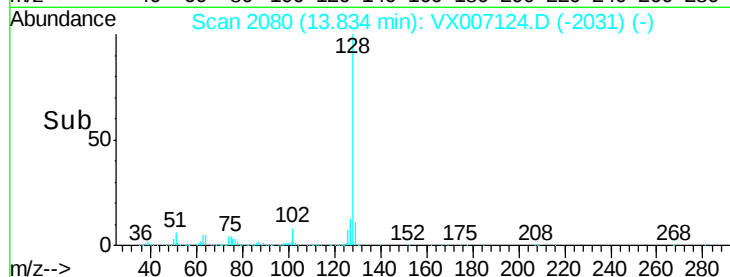
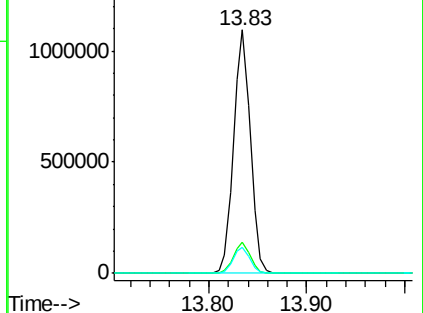
129 10.8 8.6 13.0



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: 51.585 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007124.D

Acq: 18 Jan 2019 10:13

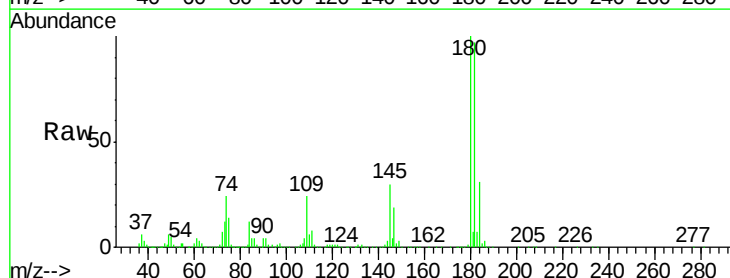
Tgt Ion:180 Resp: 427356

Ion Ratio Lower Upper

180 100

182 95.0 48.5 145.5

145 29.9 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

