

Data Path : C:\USERS\EUSER\DESKTOP\MANSI\X\VX1210118\
 Data File : VX006409.D
 Acq On : 11 Dec 2018 09:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 20 01:05:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	545427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	860579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	795406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	412010	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	291915	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	
35) Dibromofluoromethane	5.50	113	273942	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
50) Toluene-d8	8.71	98	994092	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
62) 4-Bromofluorobenzene	11.14	95	386875	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	268102	50.202	ug/l	99
3) Chloromethane	1.33	50	255789	46.608	ug/l	98
4) Vinyl Chloride	1.41	62	282530	47.833	ug/l	100
5) Bromomethane	1.64	94	239245	58.446	ug/l	98
6) Chloroethane	1.71	64	176009	48.601	ug/l	100
7) Trichlorofluoromethane	1.93	101	439882	48.516	ug/l	96
8) Diethyl Ether	2.19	74	171392	49.948	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	256348	49.723	ug/l	99
10) Methyl Iodide	2.51	142	393478	50.644	ug/l	99
11) Tert butyl alcohol	3.07	59	364113	239.123	ug/l	100
12) 1,1-Dichloroethene	2.37	96	239506	48.529	ug/l	93
13) Acrolein	2.30	56	182417	219.184	ug/l	99
14) Allyl chloride	2.73	41	408626	41.913	ug/l	98
15) Acrylonitrile	3.15	53	788065	248.013	ug/l	99
16) Acetone	2.45	43	644792	246.764	ug/l	95
17) Carbon Disulfide	2.57	76	603641	39.692	ug/l	100
18) Methyl Acetate	2.78	43	447727	51.237	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	866483	49.214	ug/l	99
20) Methylene Chloride	2.85	84	274130	49.294	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	255175	48.517	ug/l	94
22) Diisopropyl ether	3.87	45	778797	51.142	ug/l	99
23) Vinyl Acetate	3.82	43	3148242	242.392	ug/l	98
24) 1,1-Dichloroethane	3.70	63	444293	51.045	ug/l	99
25) 2-Butanone	4.70	43	963384	258.393	ug/l	99
26) 2,2-Dichloropropane	4.59	77	249165	31.019	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	306603	52.262	ug/l	93
28) Bromochloromethane	5.02	49	205249	53.987	ug/l	99
29) Tetrahydrofuran	5.15	42	649408	250.619	ug/l	97
30) Chloroform	5.21	83	481831	52.678	ug/l	98
31) Cyclohexane	5.57	56	382936	47.606	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	433909	49.858	ug/l	99
36) 1,1-Dichloropropene	5.80	75	339508	46.848	ug/l	100
37) Ethyl Acetate	4.85	43	378070	46.585	ug/l	99
38) Carbon Tetrachloride	5.79	117	383308	44.960	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	428970	45.602	ug/l	99
40) Benzene	6.14	78	1061753	48.917	ug/l	98
41) Methacrylonitrile	5.06	41	206745	46.297	ug/l	96
42) 1,2-Dichloroethane	6.20	62	362459	51.024	ug/l	100
43) Isopropyl Acetate	6.46	43	613910	45.370	ug/l	99
44) Trichloroethene	7.21	130	312670	47.551	ug/l	97
45) 1,2-Dichloropropane	7.52	63	263315	47.733	ug/l	99
46) Dibromomethane	7.66	93	193346	48.530	ug/l	95
47) Bromodichloromethane	7.90	83	364038	47.184	ug/l	99
48) Methyl methacrylate	7.77	41	305267	46.374	ug/l	97
49) 1,4-Dioxane	7.75	88	158711	978.241	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1889113	239.825	ug/l	98
52) Toluene	8.79	92	703641	49.275	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	378368	41.933	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	406182	43.352	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	297641	51.306	ug/l	99
56) Ethyl methacrylate	9.18	69	445700	49.144	ug/l	96
57) 1,3-Dichloropropane	9.37	76	468208	51.039	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1096661	238.290	ug/l	99
59) 2-Hexanone	9.49	43	1417197	235.489	ug/l	99
60) Dibromochloromethane	9.59	129	330355	46.181	ug/l	100
61) 1,2-Dibromoethane	9.67	107	320543	49.415	ug/l	99
64) Tetrachloroethene	9.34	164	288151	48.104	ug/l	97
65) Chlorobenzene	10.14	112	823542	48.774	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	304991	46.490	ug/l	99
67) Ethyl Benzene	10.25	91	1355188	48.257	ug/l	99
68) m/p-Xylenes	10.36	106	1085434	96.491	ug/l	100
69) o-Xylene	10.70	106	539121	48.519	ug/l	100
70) Styrene	10.71	104	873930	48.629	ug/l	99
71) Bromoform	10.86	173	255605	41.274	ug/l #	99
73) Isopropylbenzene	11.02	105	1417295	49.812	ug/l	100
74) N-amyl acetate	10.90	43	542492	44.276	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	443295	48.699	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	496313	62.410	ug/l	87
77) Bromobenzene	11.26	156	382262	48.411	ug/l	98
78) n-propylbenzene	11.36	91	1563593	49.437	ug/l	99
79) 2-Chlorotoluene	11.42	91	935030	49.740	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1162046	49.086	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	118568	34.989	ug/l	89
82) 4-Chlorotoluene	11.51	91	1060912	48.540	ug/l	99
83) tert-Butylbenzene	11.77	119	1224598	48.482	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1213074	49.624	ug/l	100
85) sec-Butylbenzene	11.94	105	1425942	49.623	ug/l	100
86) p-Isopropyltoluene	12.07	119	1277863	49.385	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	687329	48.920	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	682328	47.847	ug/l	100
89) n-Butylbenzene	12.39	91	1068824	48.411	ug/l	99
90) Hexachloroethane	12.60	117	227772	43.190	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	674741	48.388	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	102785	44.049	ug/l	94

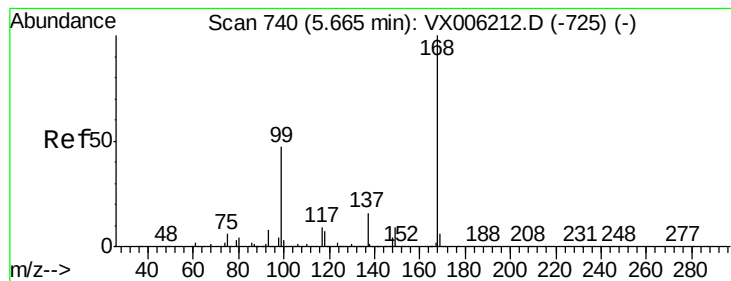
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	478726	47.058	ug/l	100
94) Hexachlorobutadiene	13.79	225	208933	46.440	ug/l	99
95) Naphthalene	13.83	128	1567636	49.538	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	486693	48.301	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

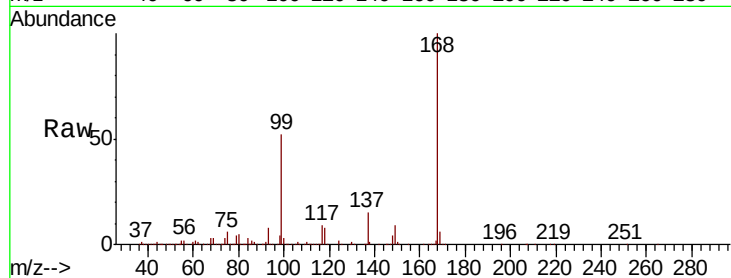
VSTDCCC050EC

Tot Ion:168 Resp: 545427

Ion Ratio Lower Upper

168 100

99 51.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

100000

50000

0

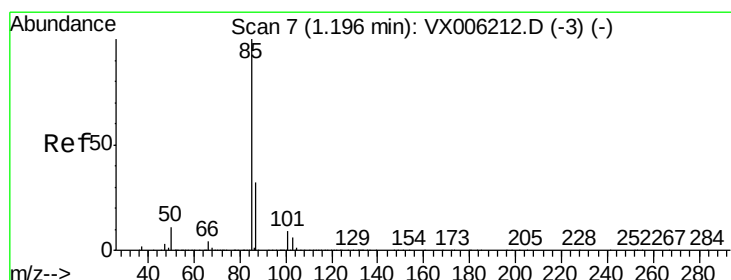
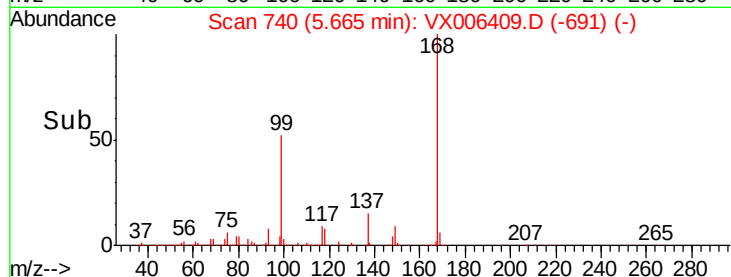
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 50.202 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006409.D

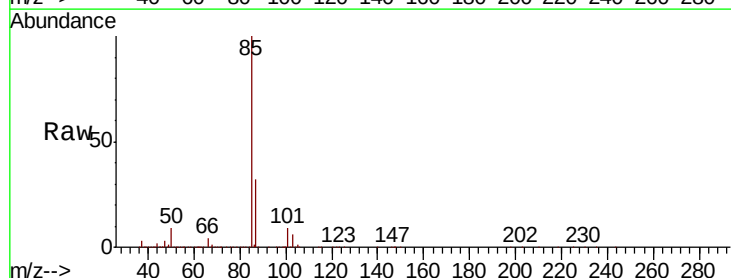
Acq: 11 Dec 2018 09:31

Tgt Ion: 85 Resp: 268102

Ion Ratio Lower Upper

85 100

87 31.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

150000

100000

50000

0

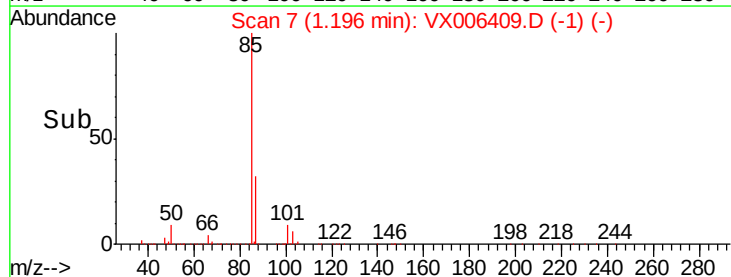
Time-->

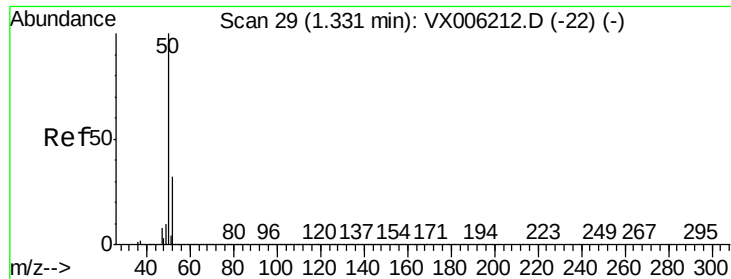
1.15

1.20

1.25

1.30

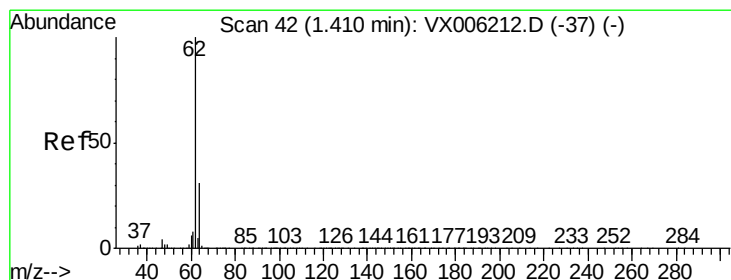
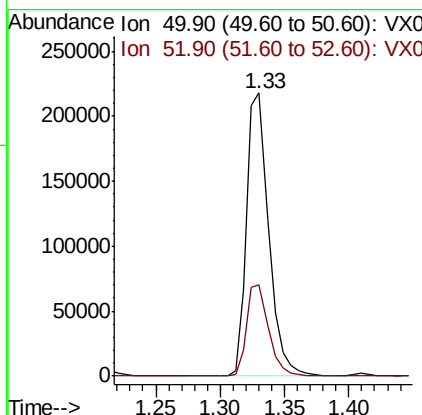
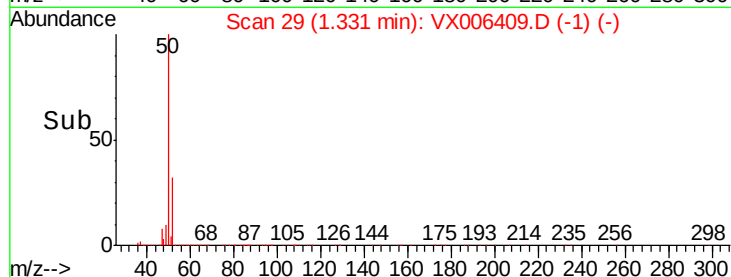
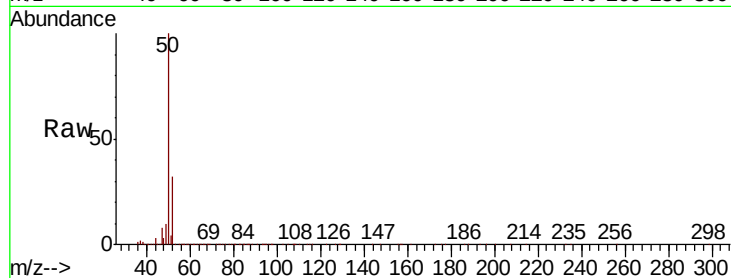




#3
Chloromethane
Concen: 46.608 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

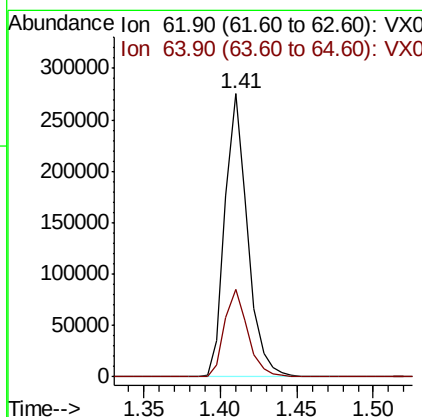
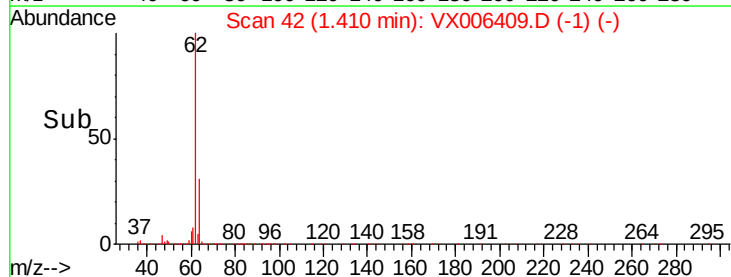
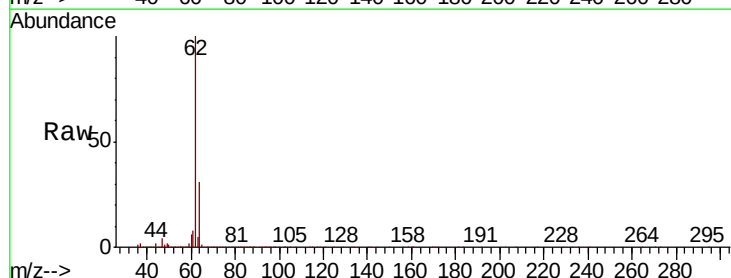
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

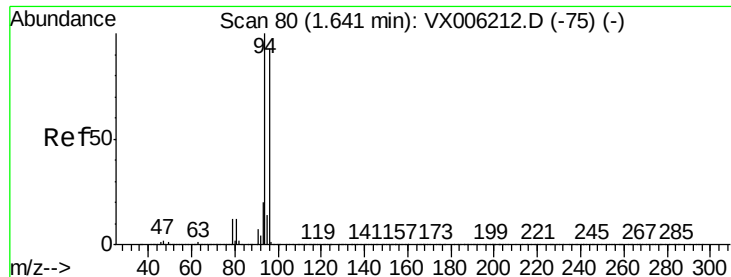
Tot Ion: 50 Resp: 255789
Ion Ratio Lower Upper
50 100
52 32.3 25.2 37.8



#4
Vinyl Chloride
Concen: 47.833 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion: 62 Resp: 282530
Ion Ratio Lower Upper
62 100
64 31.1 24.9 37.3





#5

Bromomethane

Concen: 58.446 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

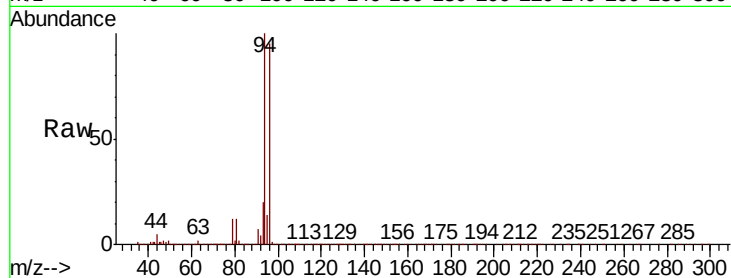
VSTDCCC050EC

Tot Ion: 94 Resp: 239245

Ion Ratio Lower Upper

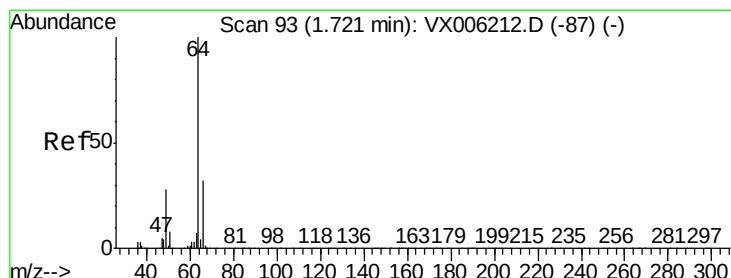
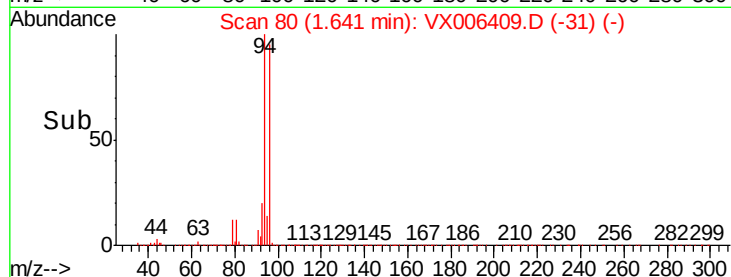
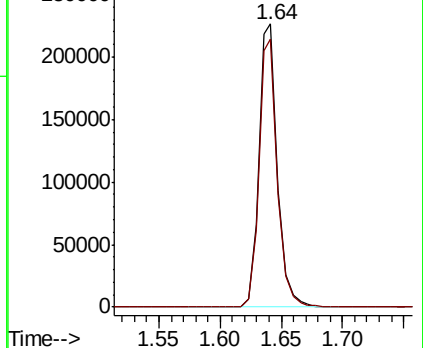
94 100

96 94.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.601 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006409.D

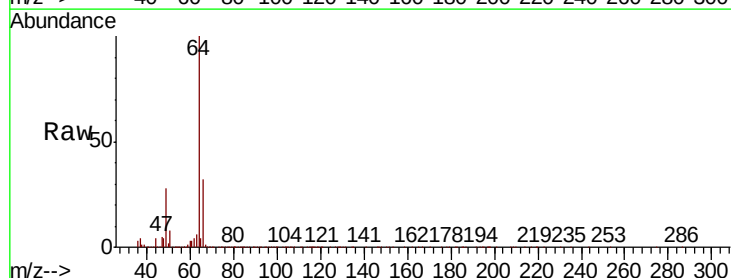
Acq: 11 Dec 2018 09:31

Tgt Ion: 64 Resp: 176009

Ion Ratio Lower Upper

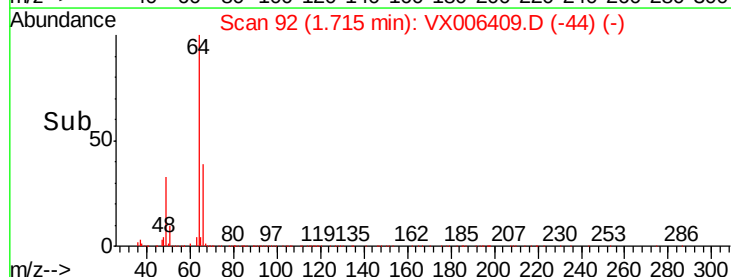
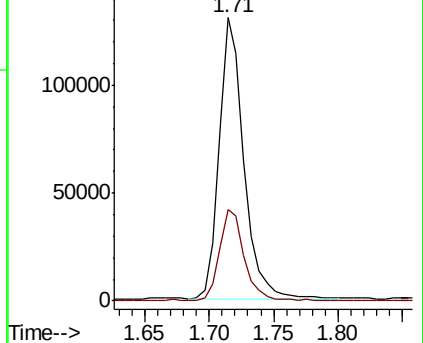
64 100

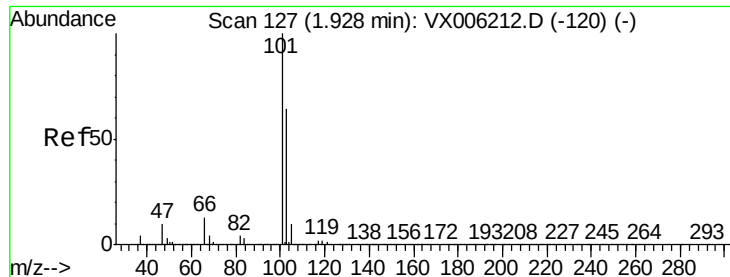
66 32.5 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



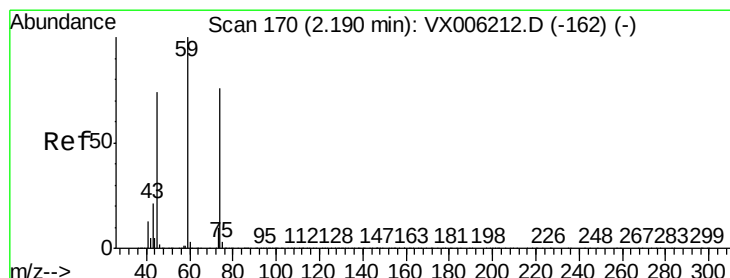
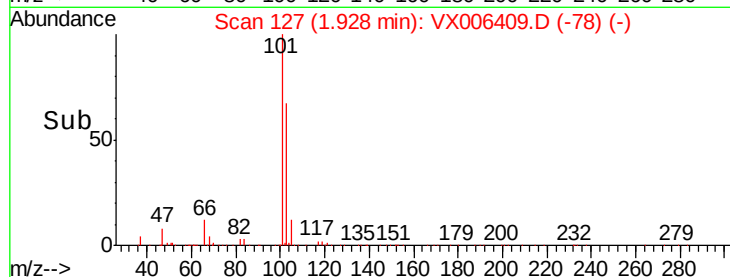
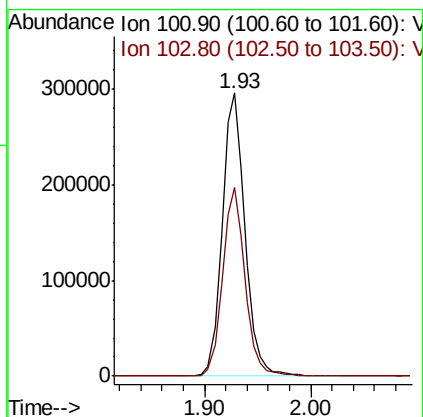
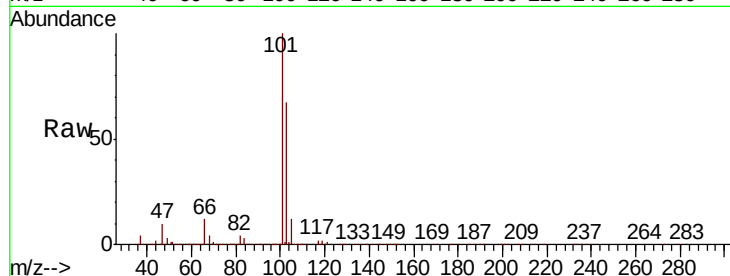


#7

Trichlorofluoromethane
Concen: 48.516 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

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VSTDCCC050EC

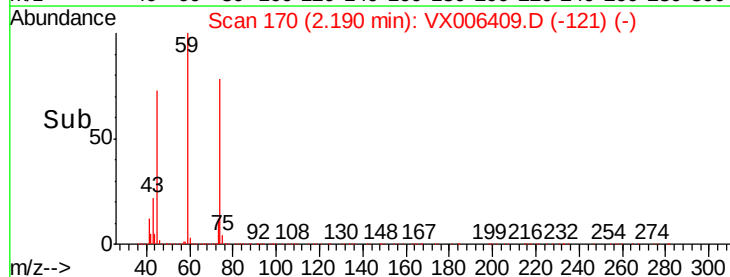
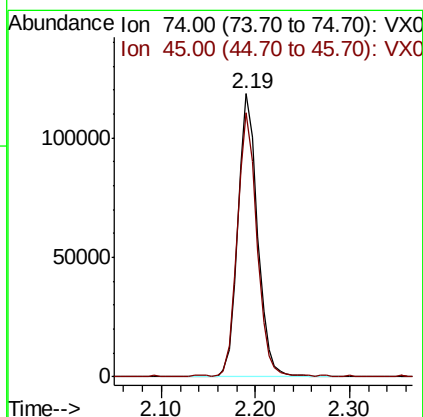
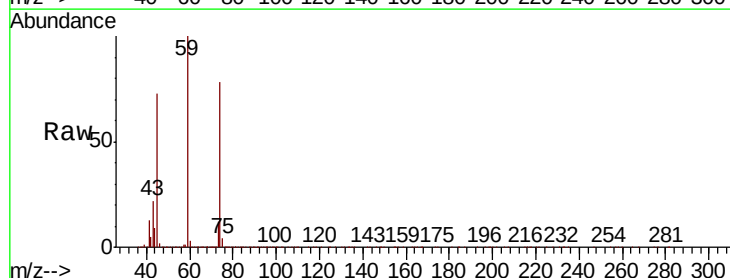
Tot Ion:101 Resp: 439882
Ion Ratio Lower Upper
101 100
103 66.6 51.0 76.4

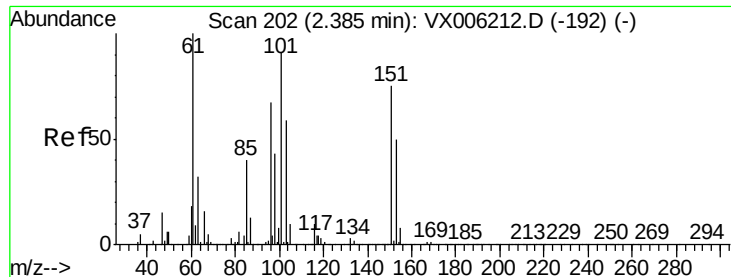


#8

Diethyl Ether
Concen: 49.948 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion: 74 Resp: 171392
Ion Ratio Lower Upper
74 100
45 92.6 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.723 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

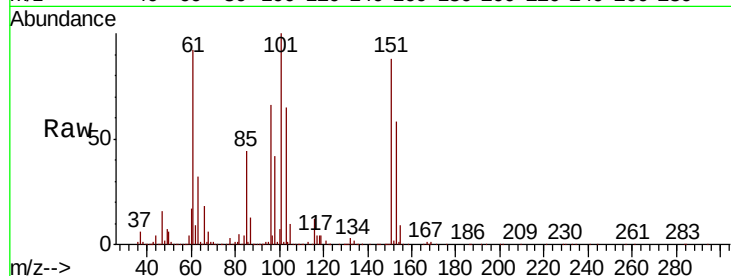
Tot Ion:101 Resp: 256348

Ion Ratio Lower Upper

101 100

85 43.0 35.5 53.3

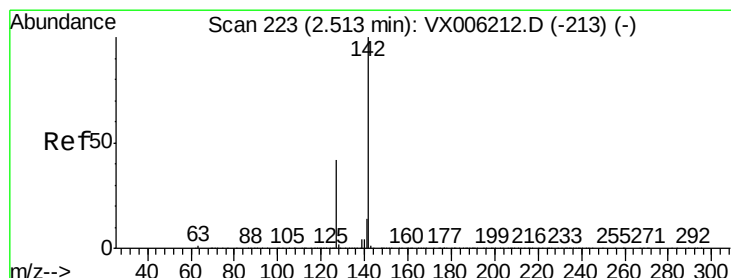
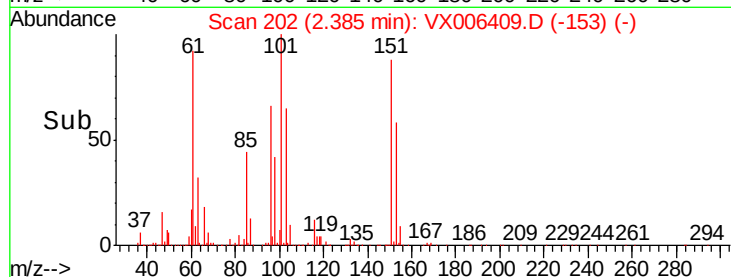
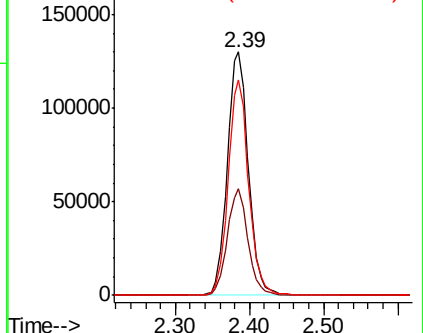
151 86.1 68.6 103.0



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: 50.644 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

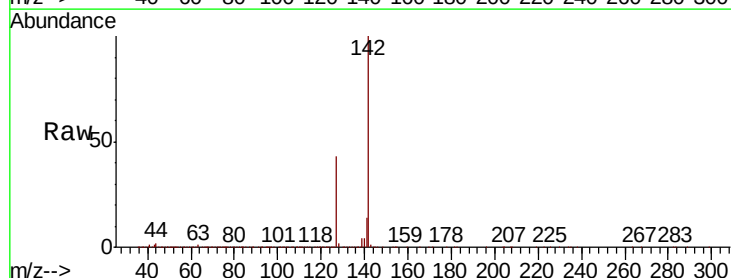
Tgt Ion:142 Resp: 393478

Ion Ratio Lower Upper

142 100

127 42.5 34.8 52.2

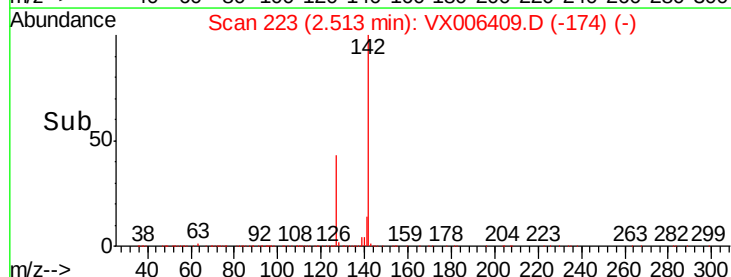
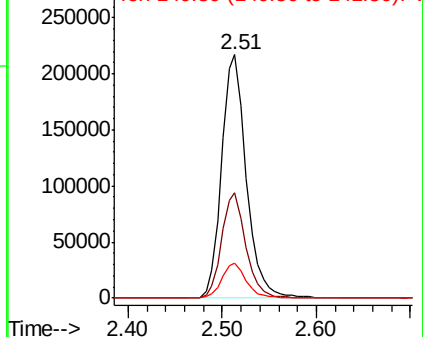
141 14.0 11.4 17.2

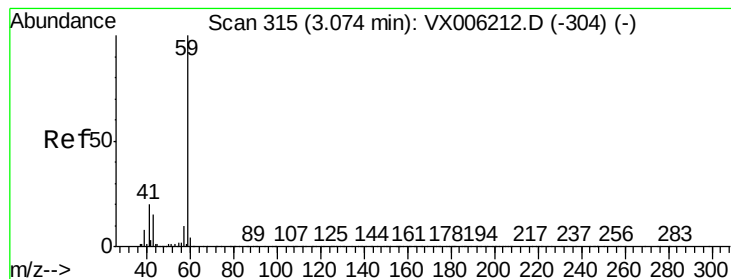


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



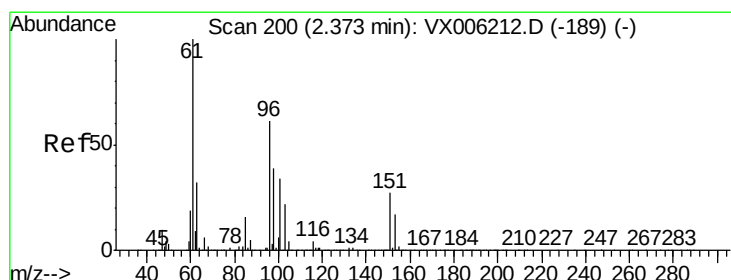
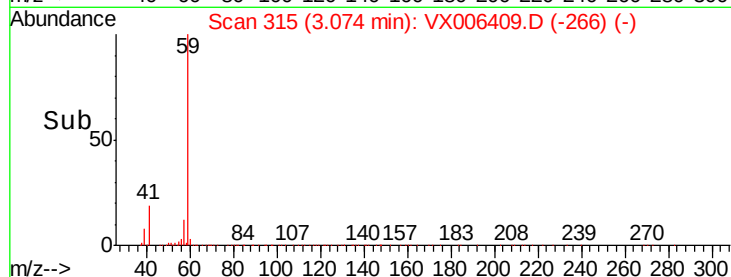
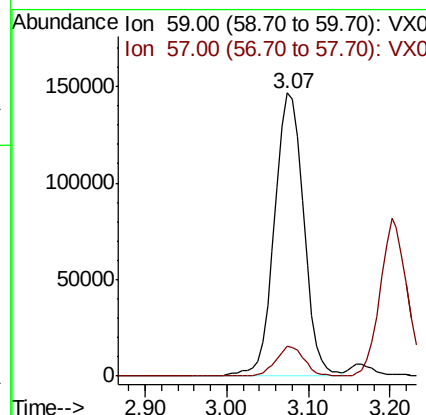
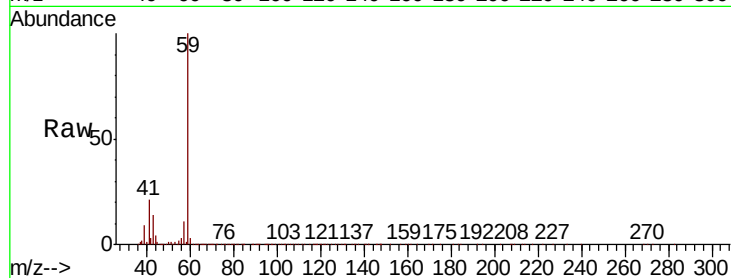


#11

Tert butyl alcohol
Concen: 239.123 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

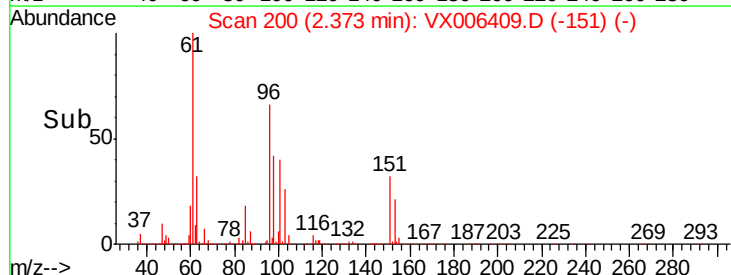
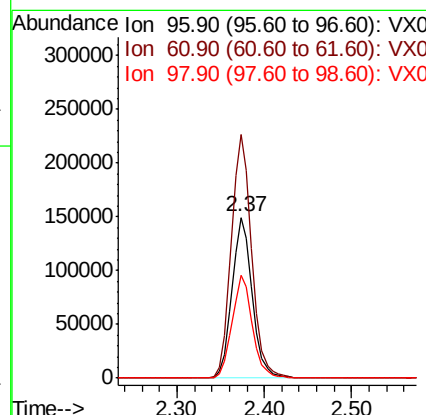
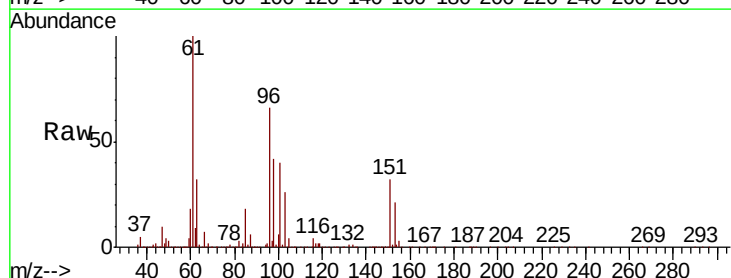
Tot Ion: 59 Resp: 364113
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

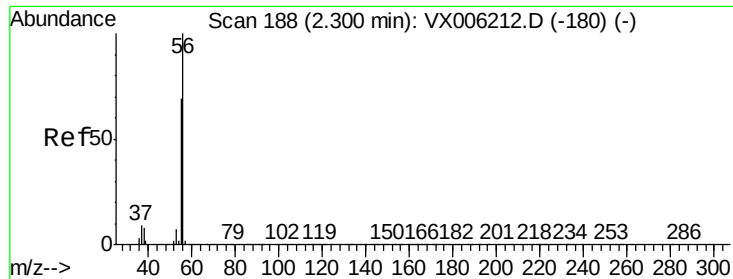


#12

1,1-Dichloroethene
Concen: 48.529 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion: 96 Resp: 239506
Ion Ratio Lower Upper
96 100
61 151.4 131.7 197.5
98 63.9 51.8 77.6

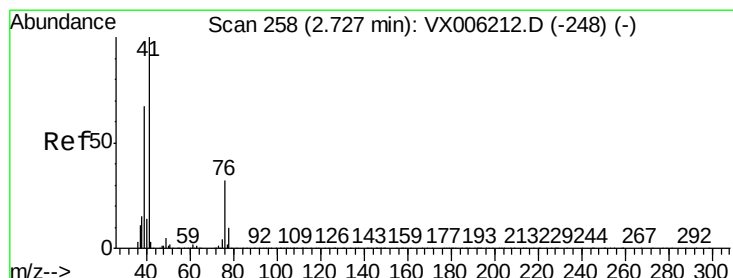
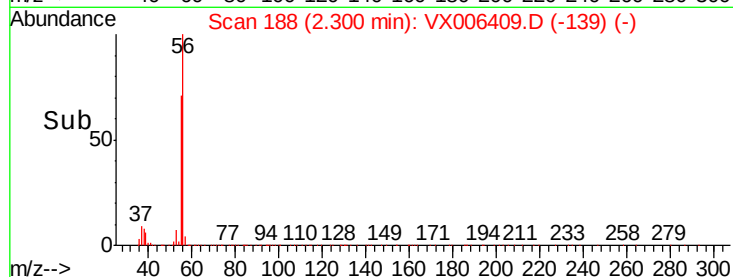
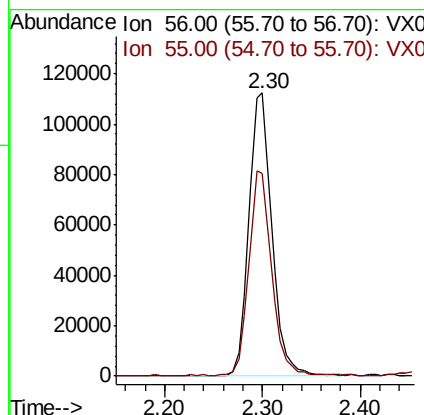
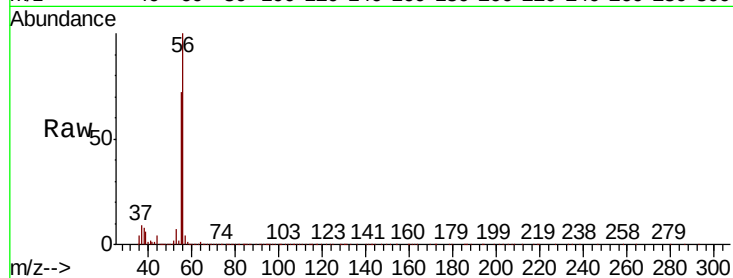




#13
Acrolein
Concen: 219.184 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

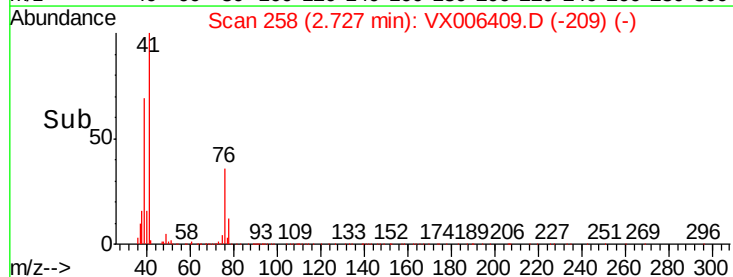
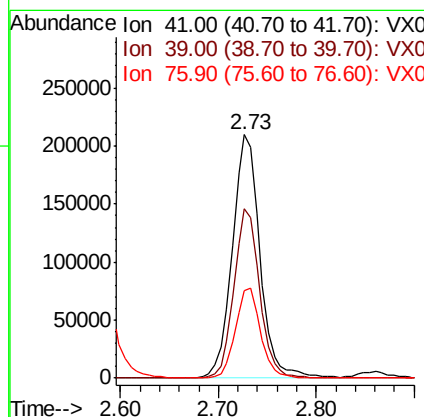
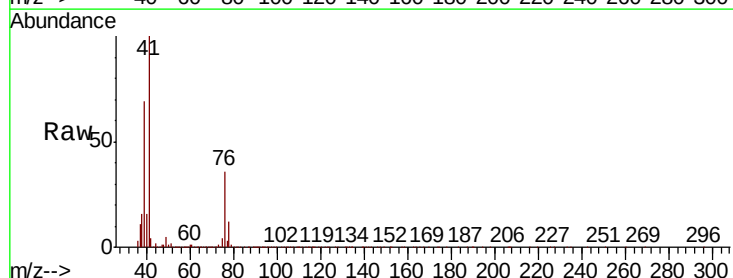
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

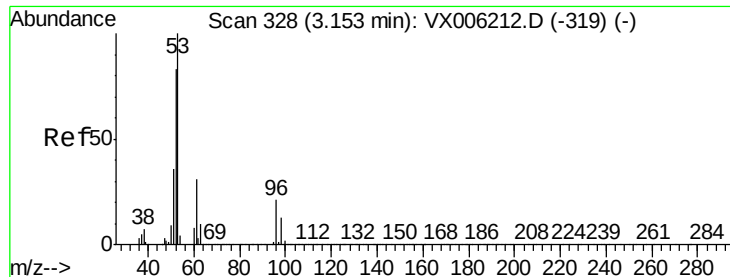
Tot Ion: 56 Resp: 182417
Ion Ratio Lower Upper
56 100
55 71.5 57.8 86.6



#14
Allyl chloride
Concen: 41.913 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion: 41 Resp: 408626
Ion Ratio Lower Upper
41 100
39 64.7 52.4 78.6
76 33.8 25.4 38.0





#15

Acrylonitrile

Concen: 248.013 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

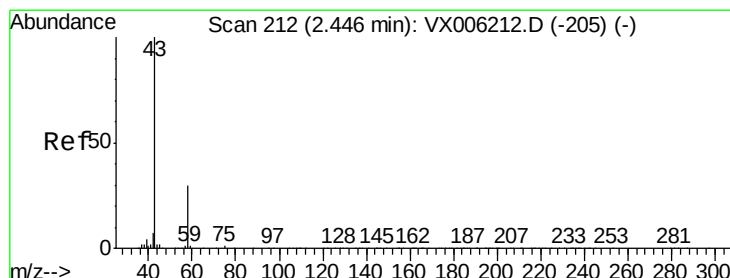
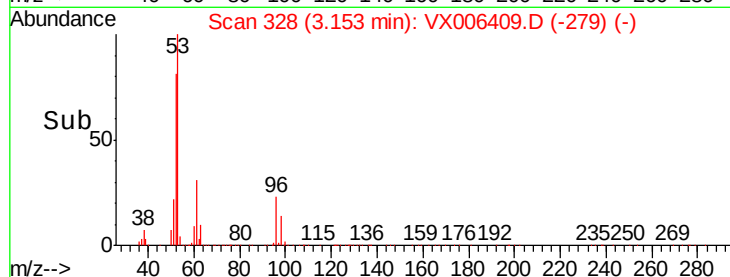
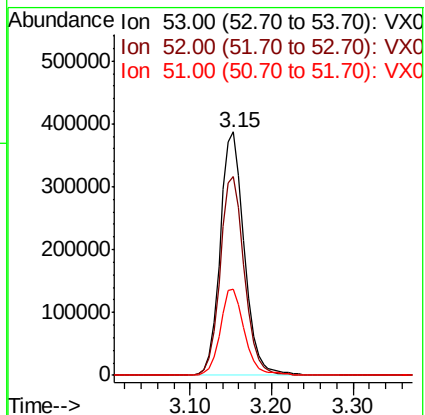
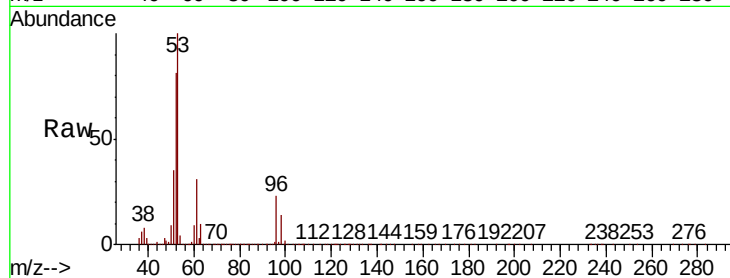
Tot Ion: 53 Resp: 788065

Ion Ratio Lower Upper

53 100

52 82.1 66.2 99.4

51 35.6 28.7 43.1



#16

Acetone

Concen: 246.764 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006409.D

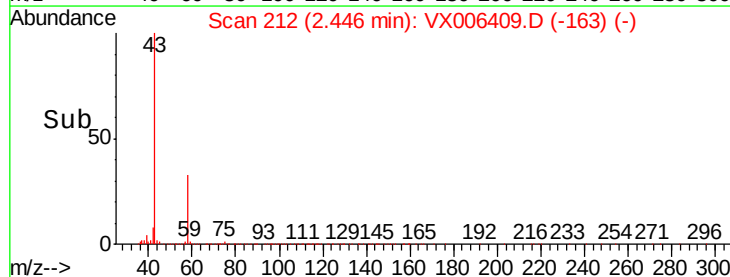
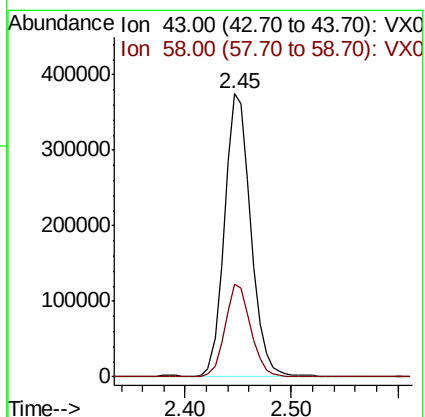
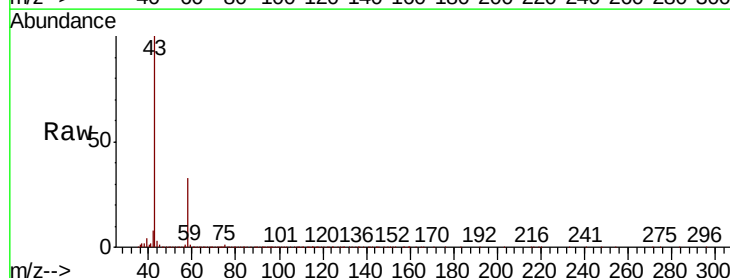
Acq: 11 Dec 2018 09:31

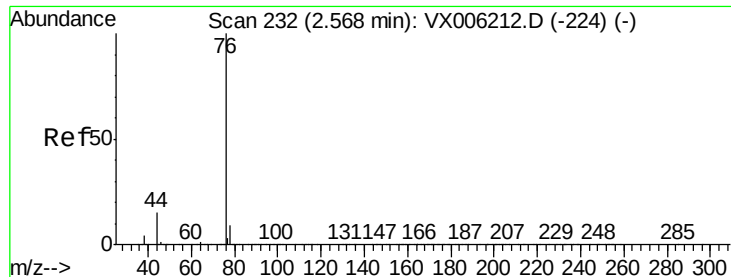
Tgt Ion: 43 Resp: 644792

Ion Ratio Lower Upper

43 100

58 32.5 24.0 36.0





#17

Carbon Disulfide

Concen: 39.692 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

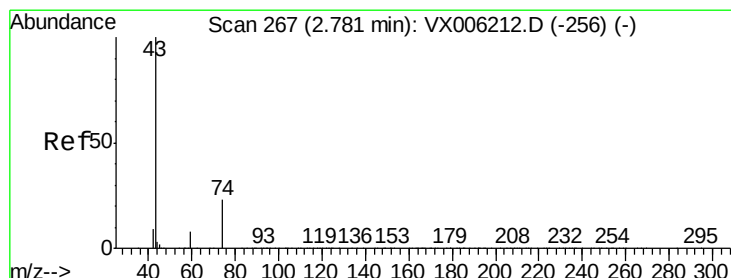
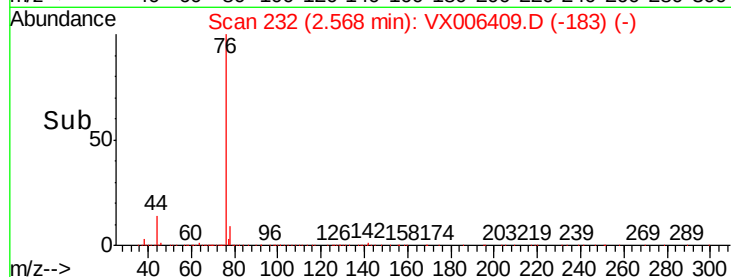
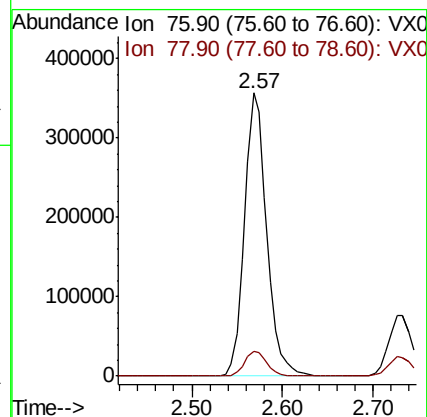
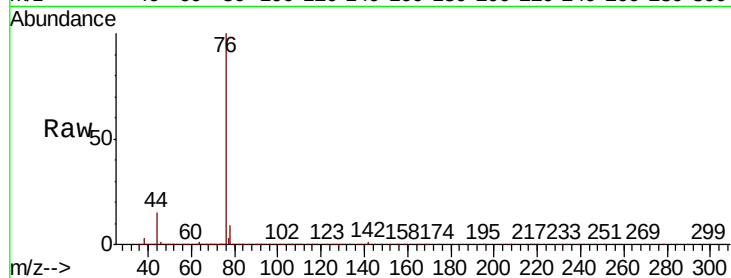
VSTDCCC050EC

Tot Ion: 76 Resp: 603641

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7



#18

Methyl Acetate

Concen: 51.237 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006409.D

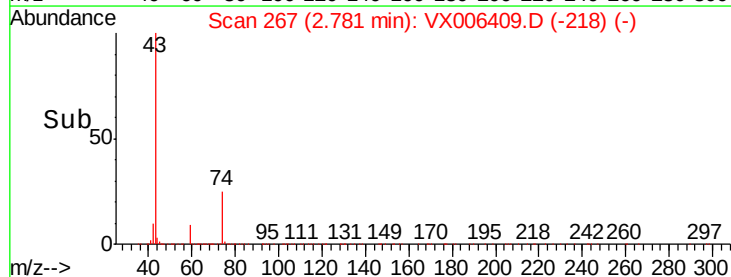
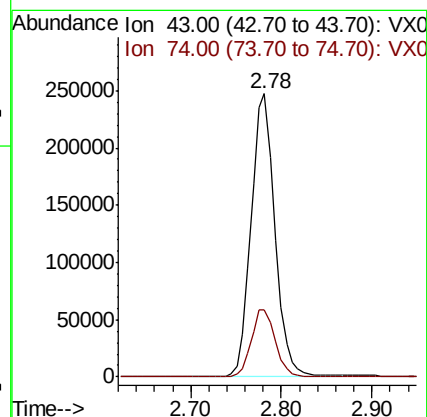
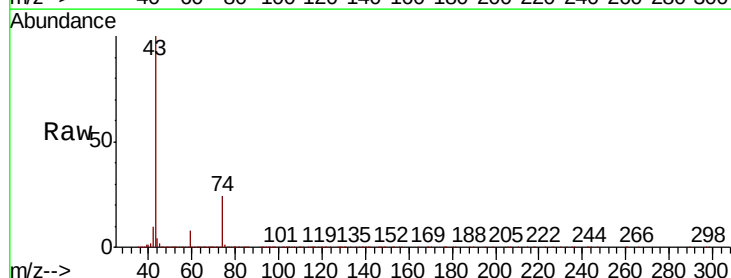
Acq: 11 Dec 2018 09:31

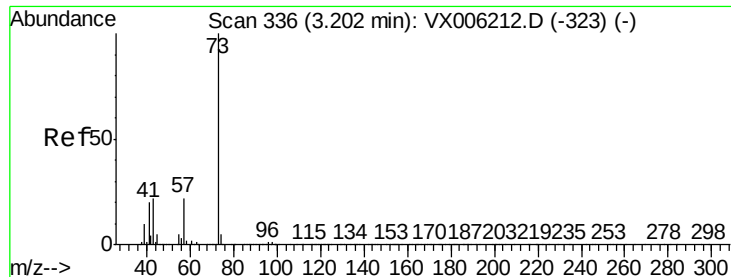
Tgt Ion: 43 Resp: 447727

Ion Ratio Lower Upper

43 100

74 24.1 17.9 26.9



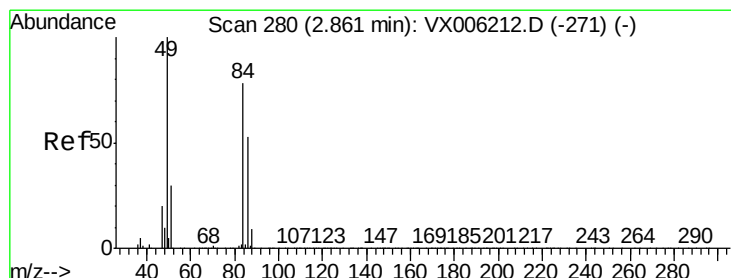
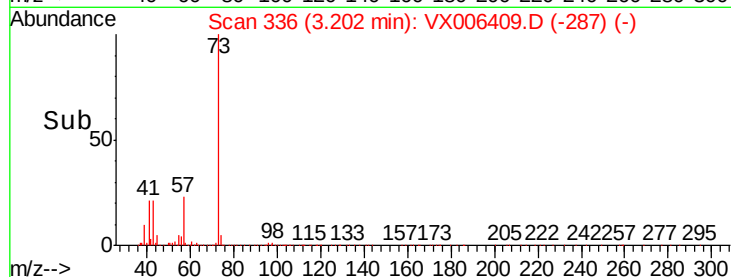
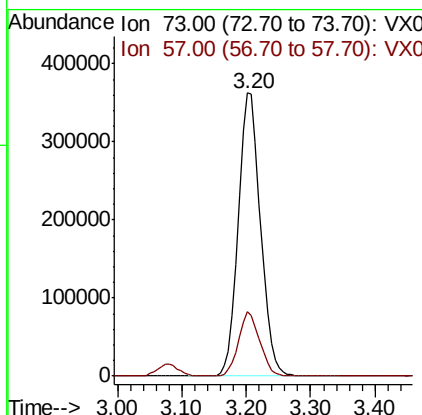
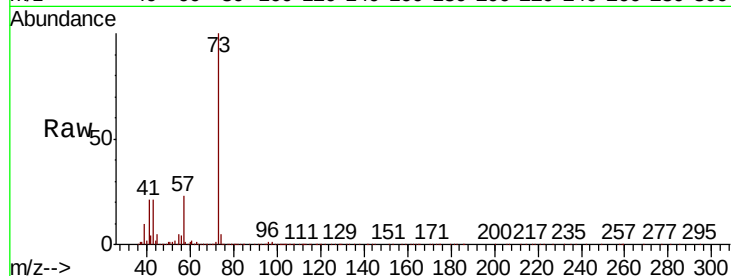


#19

Methyl tert-butyl Ether
 Concen: 49.214 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

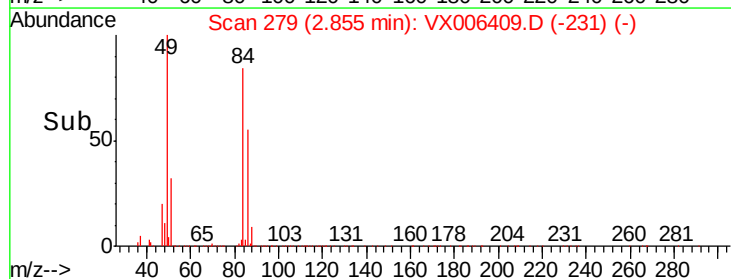
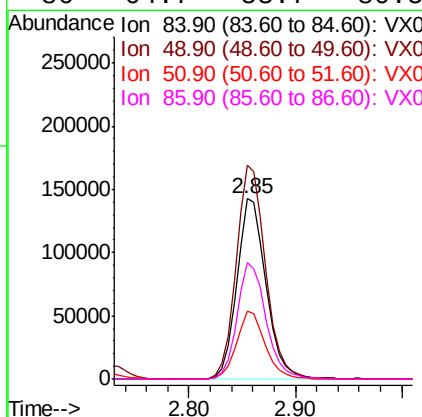
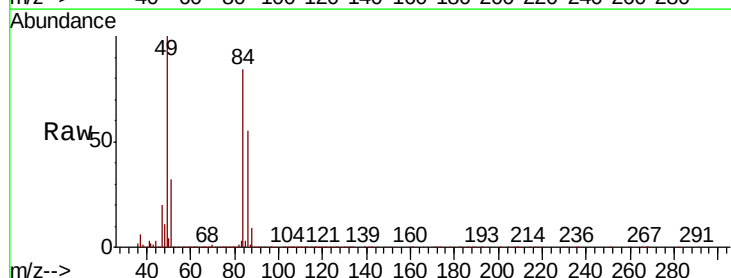
Tot Ion: 73 Resp: 866483
 Ion Ratio Lower Upper
 73 100
 57 22.5 17.5 26.3

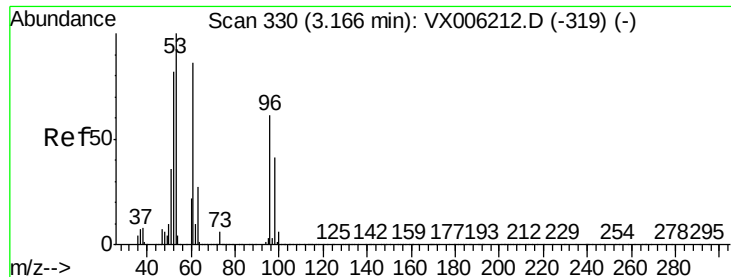


#20

Methylene Chloride
 Concen: 49.294 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion: 84 Resp: 274130
 Ion Ratio Lower Upper
 84 100
 49 118.5 102.2 153.4
 51 37.3 31.1 46.7
 86 64.7 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 48.517 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

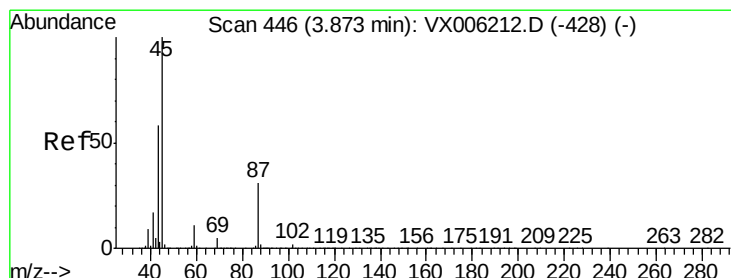
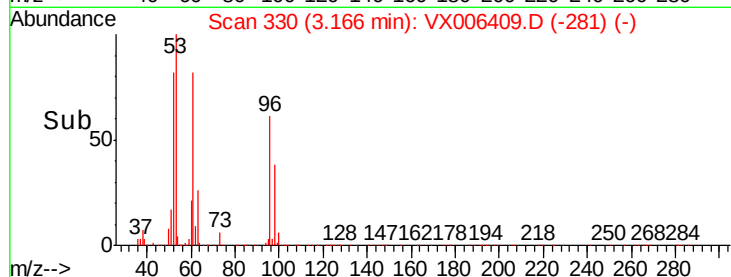
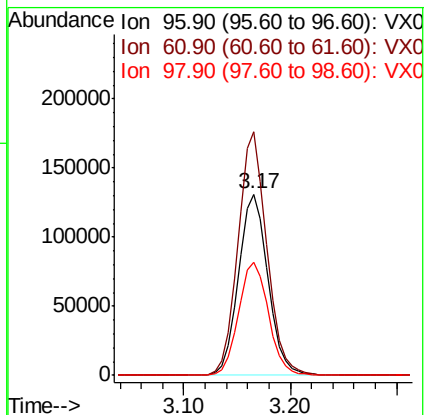
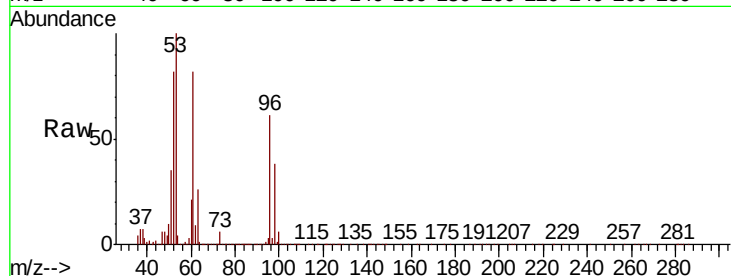
Tot Ion: 96 Resp: 255175

Ion Ratio Lower Upper

96 100

61 134.4 113.3 169.9

98 62.6 53.2 79.8



#22

Diisopropyl ether

Concen: 51.142 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Tgt Ion: 45 Resp: 778797

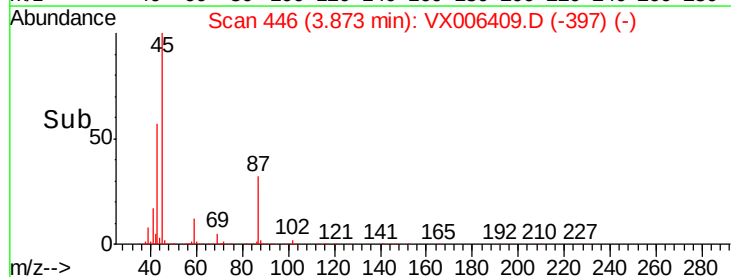
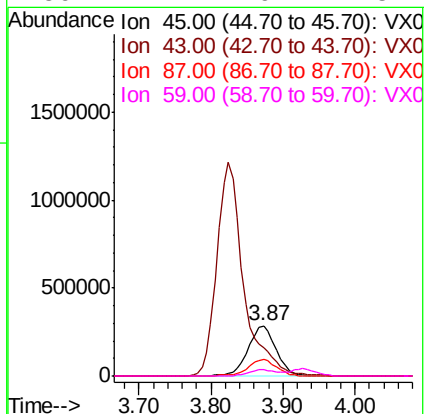
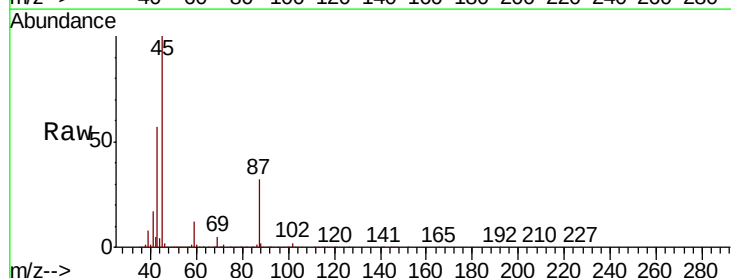
Ion Ratio Lower Upper

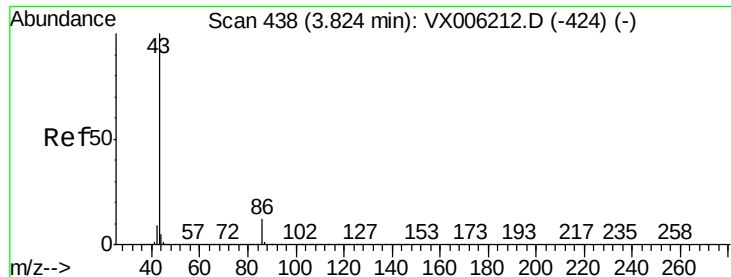
45 100

43 57.1 46.2 69.2

87 32.4 24.9 37.3

59 11.7 9.1 13.7





#23

Vinyl Acetate

Concen: 242.392 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

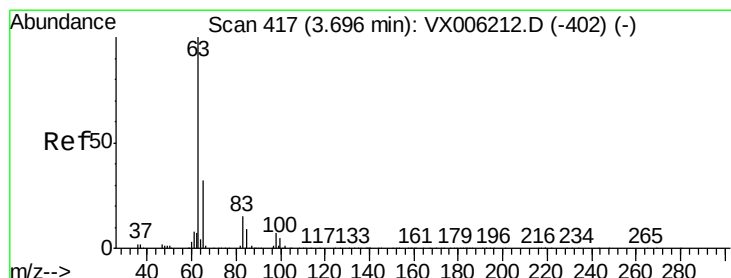
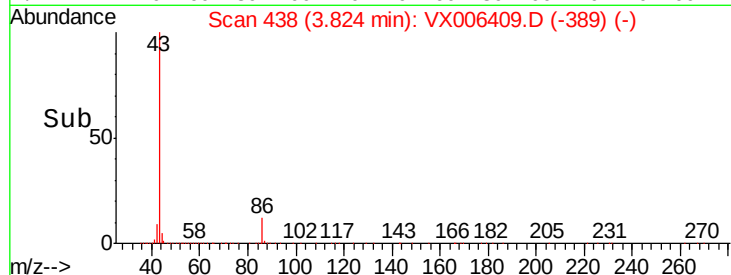
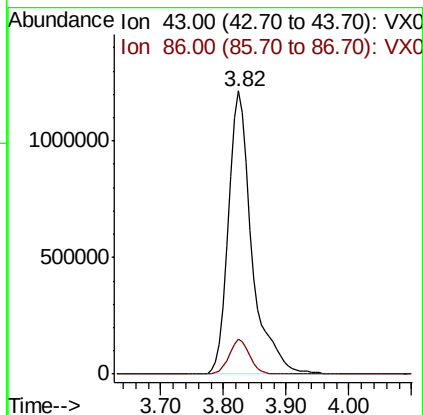
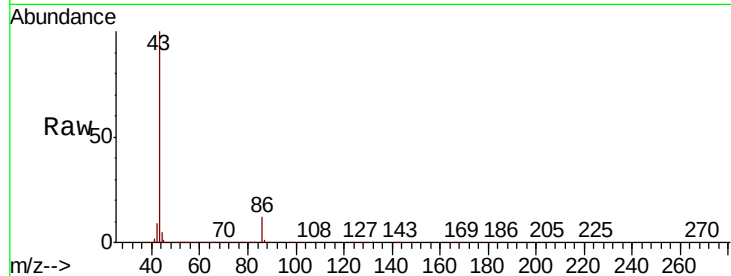
VSTDCCC050EC

Tot Ion: 43 Resp: 3148242

Ion Ratio Lower Upper

43 100

86 12.3 9.4 14.0



#24

1,1-Dichloroethane

Concen: 51.045 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

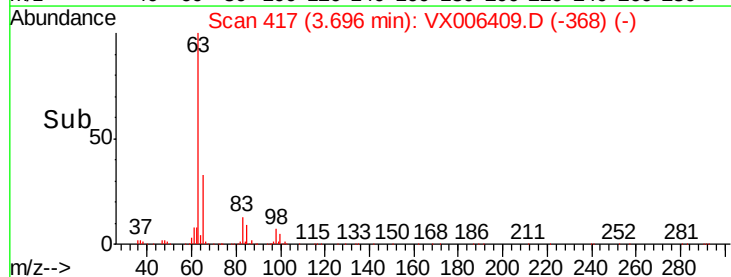
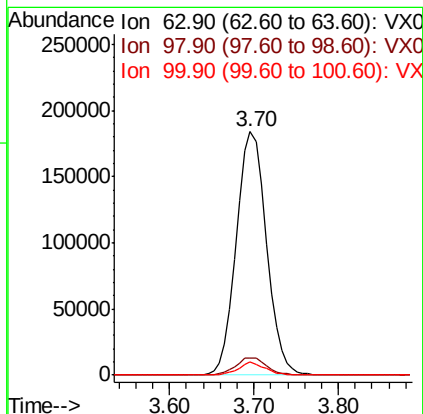
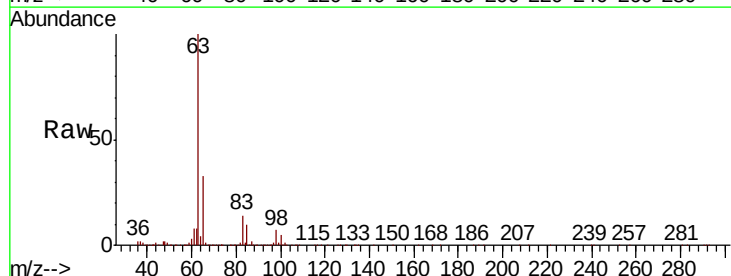
Tgt Ion: 63 Resp: 444293

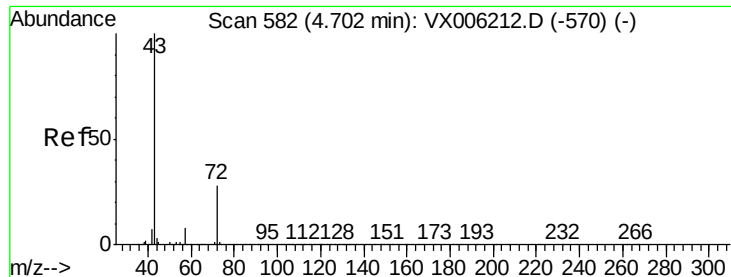
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

100 5.3 2.5 7.4





#25

2-Butanone

Concen: 258.393 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

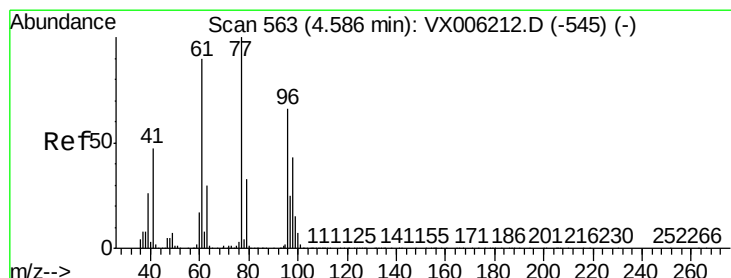
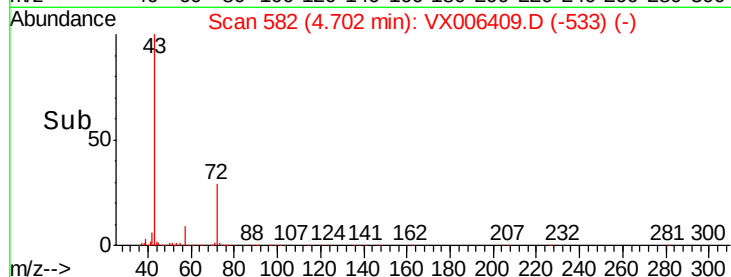
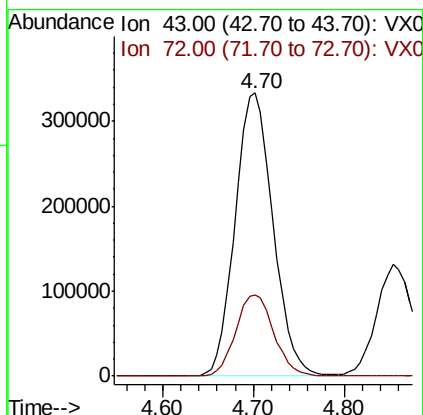
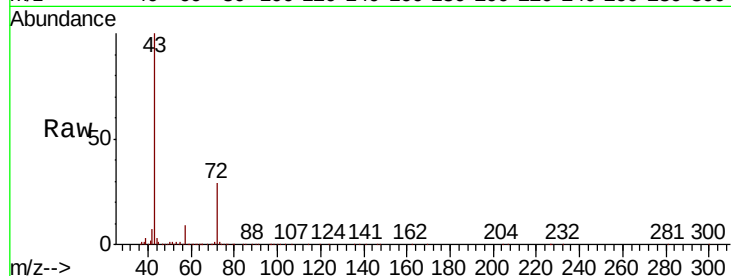
VSTDCCC050EC

Tot Ion: 43 Resp: 963384

Ion Ratio Lower Upper

43 100

72 28.8 22.6 33.8



#26

2,2-Dichloropropane

Concen: 31.019 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006409.D

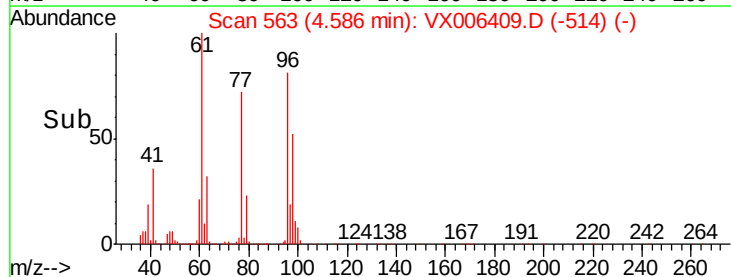
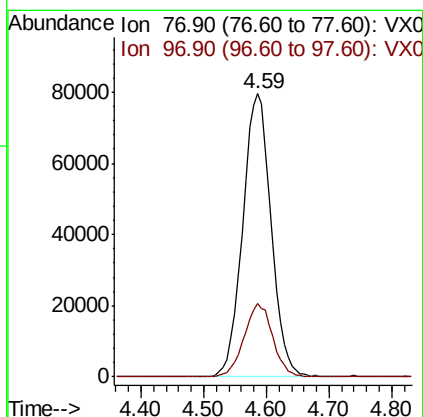
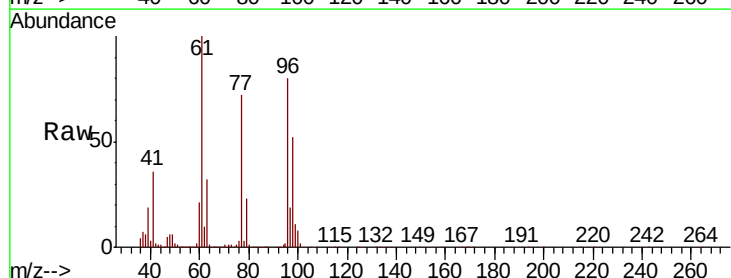
Acq: 11 Dec 2018 09:31

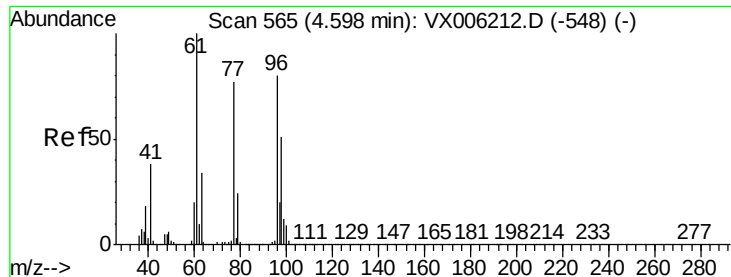
Tgt Ion: 77 Resp: 249165

Ion Ratio Lower Upper

77 100

97 26.0 12.3 36.8



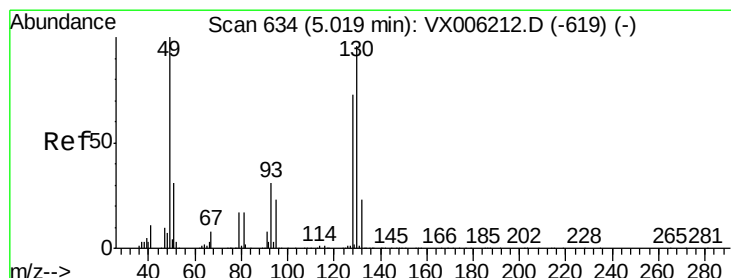
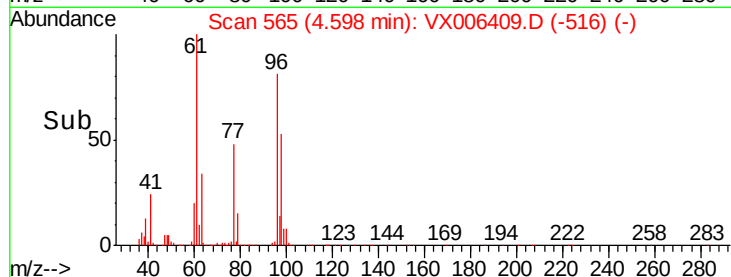
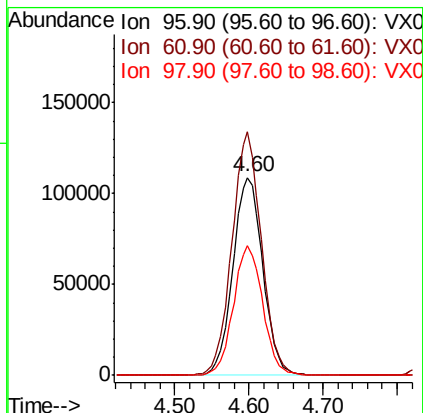
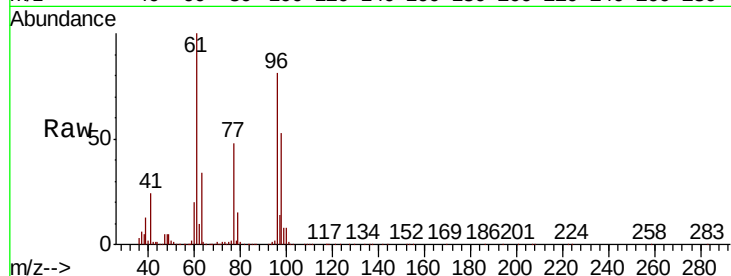


#27

cis-1,2-Dichloroethene
Concen: 52.262 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

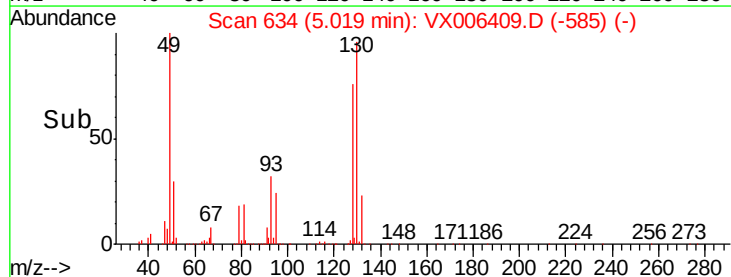
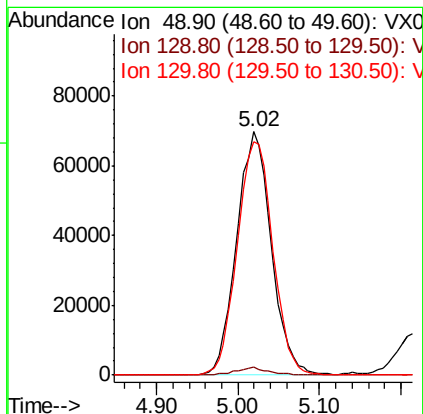
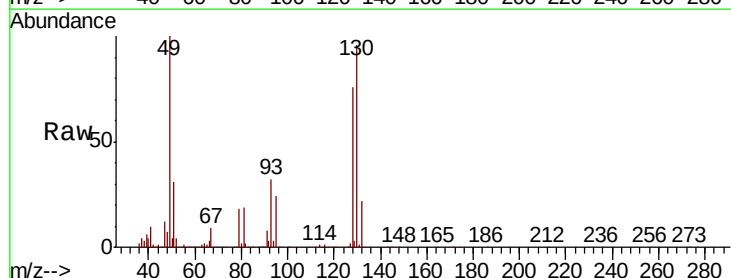
Tot Ion	Ratio	Lower	Upper
96	100		
61	121.3	0.0	265.0
98	64.3	0.0	130.2

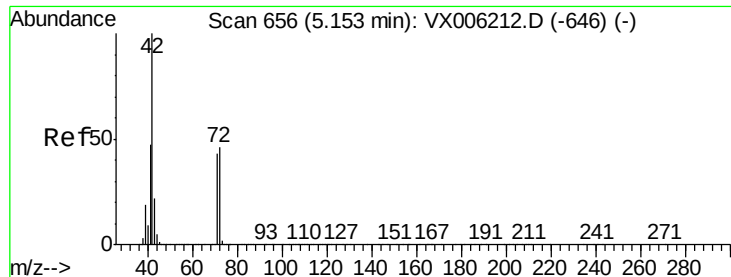


#28

Bromochloromethane
Concen: 53.987 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.0
130	99.0	78.3	117.5

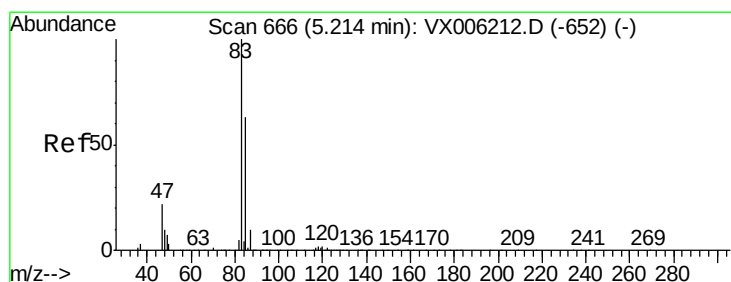
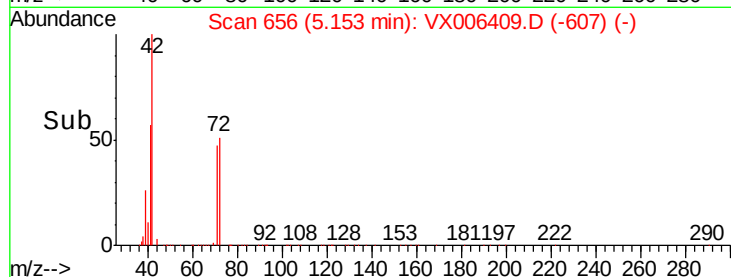
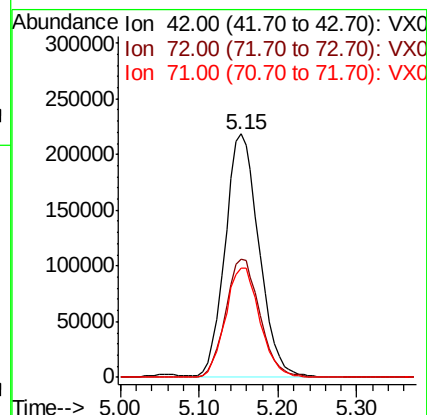
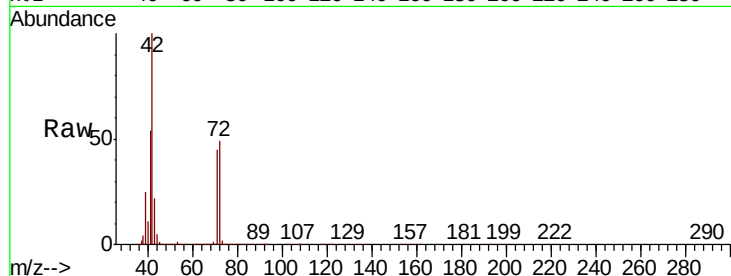




#29
Tetrahydrofuran
Concen: 250.619 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

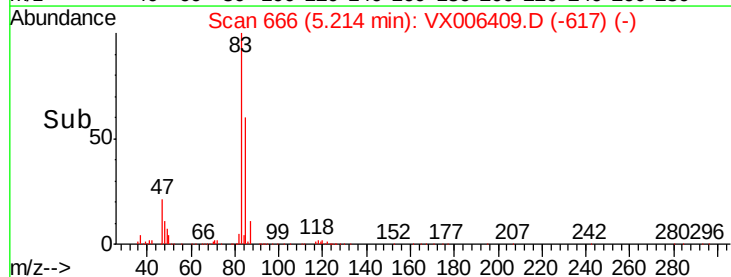
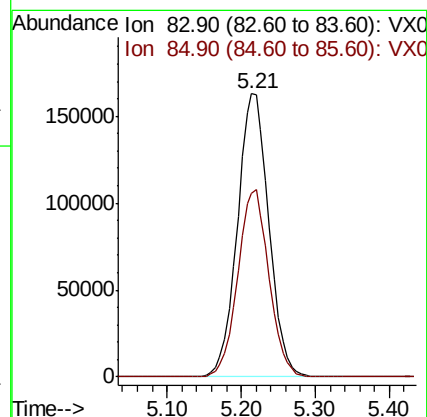
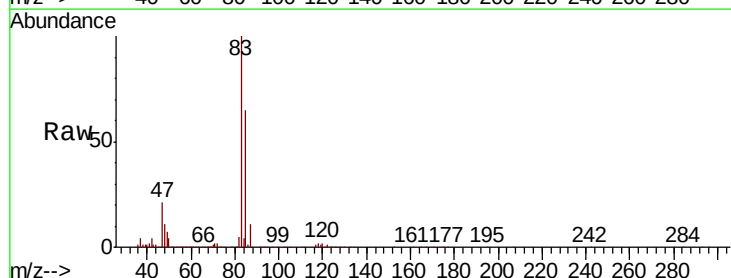
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

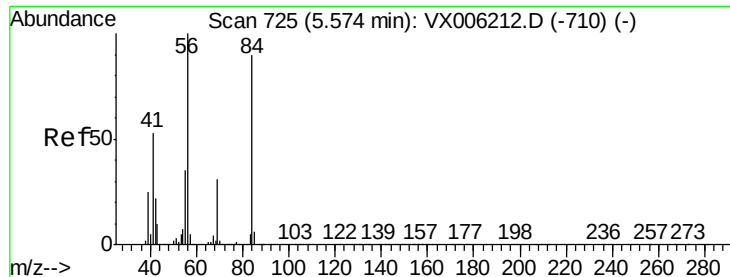
Tot Ion: 42 Resp: 649408
Ion Ratio Lower Upper
42 100
72 49.6 37.8 56.8
71 45.9 35.2 52.8



#30
Chloroform
Concen: 52.678 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion: 83 Resp: 481831
Ion Ratio Lower Upper
83 100
85 64.7 50.3 75.5

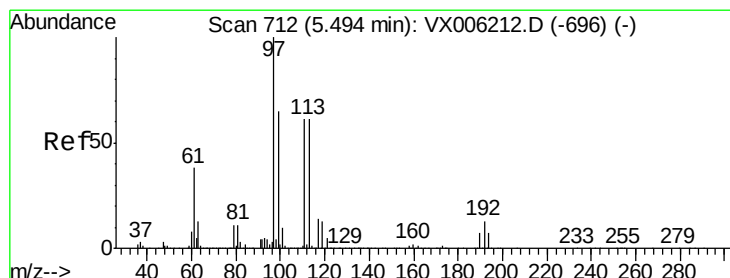
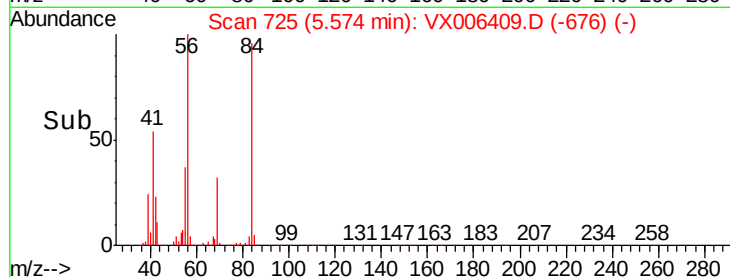
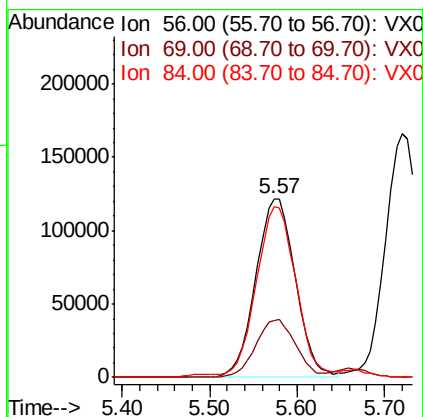
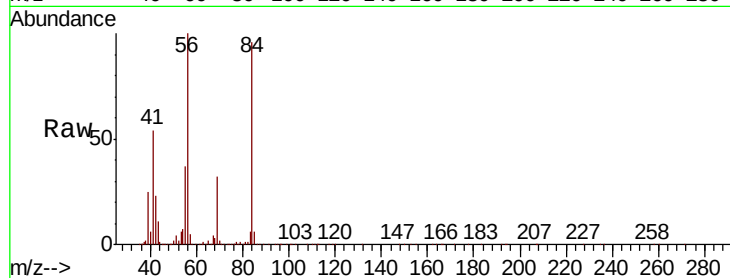




#31
Cyclohexane
Concen: 47.606 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

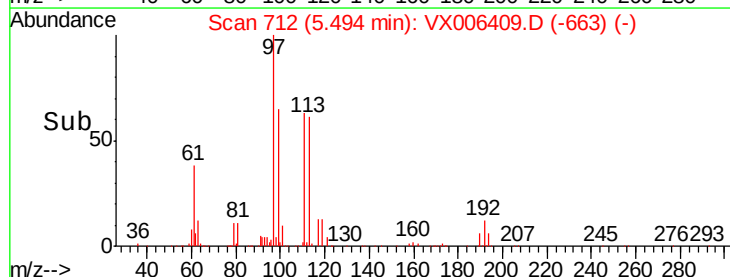
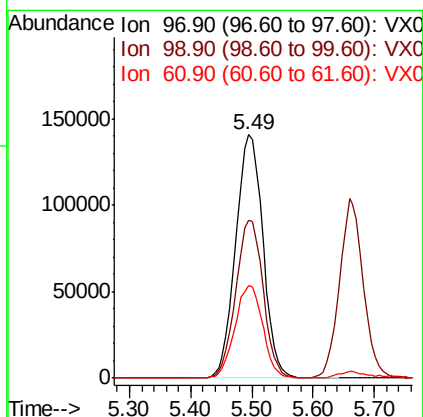
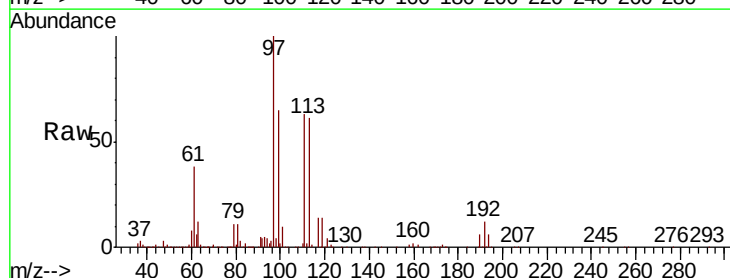
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

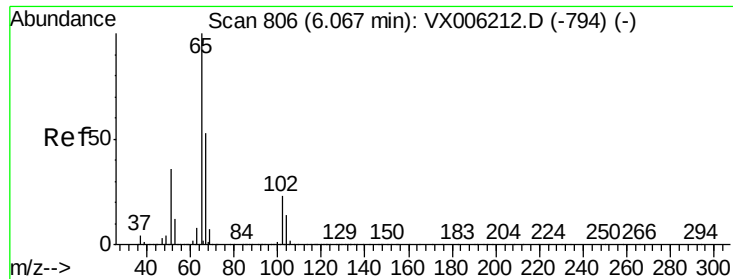
Tot Ion: 56 Resp: 382936
Ion Ratio Lower Upper
56 100
69 31.9 24.5 36.7
84 94.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.858 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion: 97 Resp: 433909
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 38.8 30.6 46.0

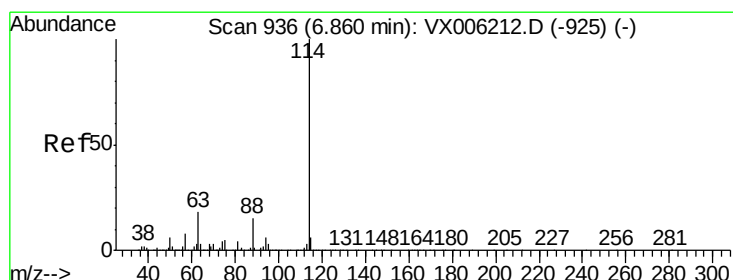
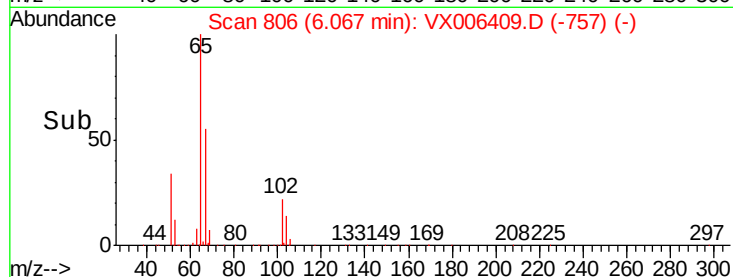
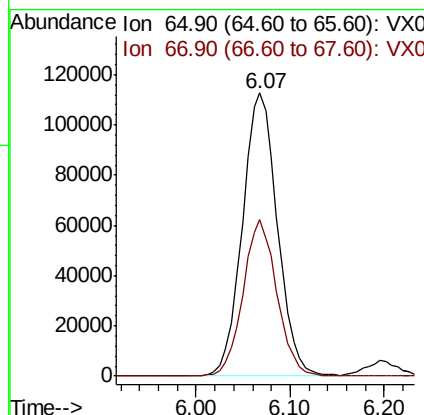
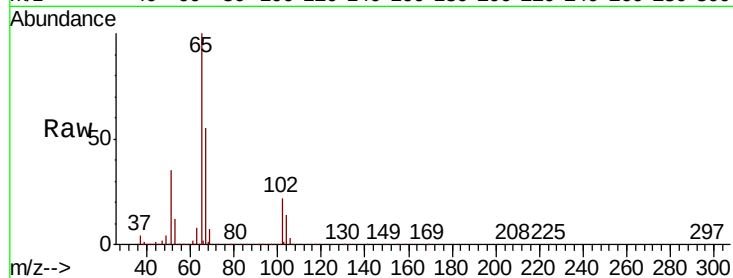




#33
 1,2-Dichloroethane-d4
 Concen: 52.428 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

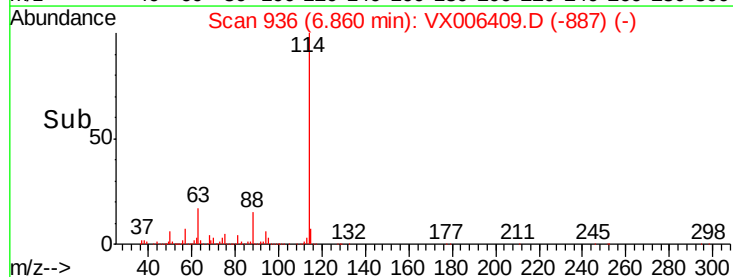
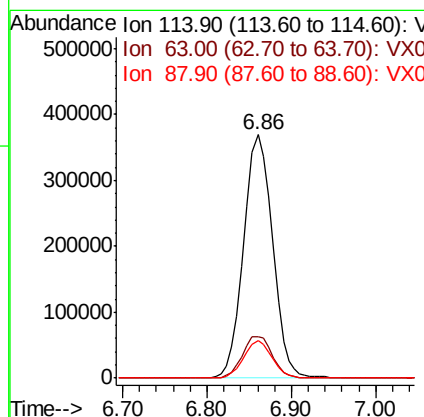
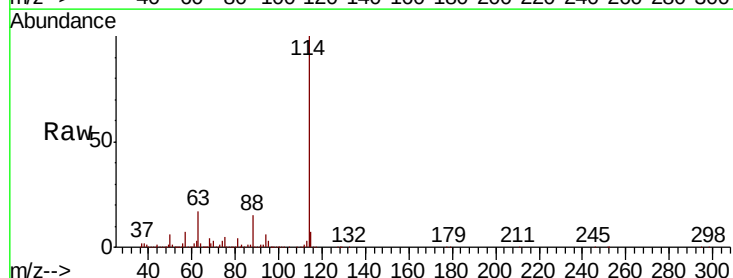
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

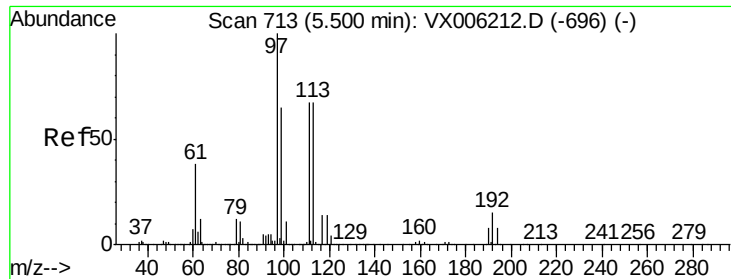
Tot Ion: 65 Resp: 291915
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion: 114 Resp: 860579
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.6
 88 15.4 0.0 29.0

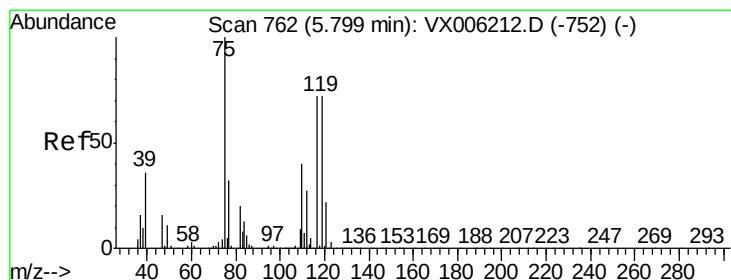
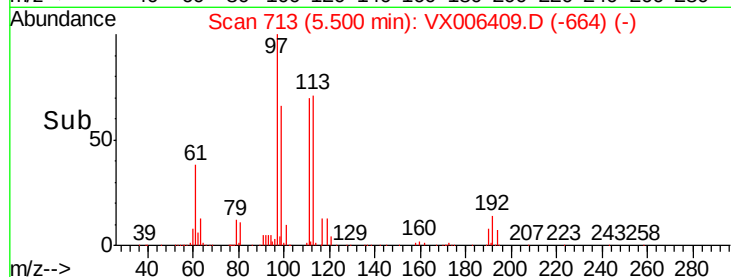
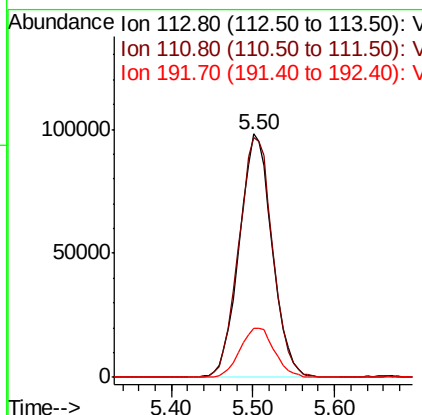
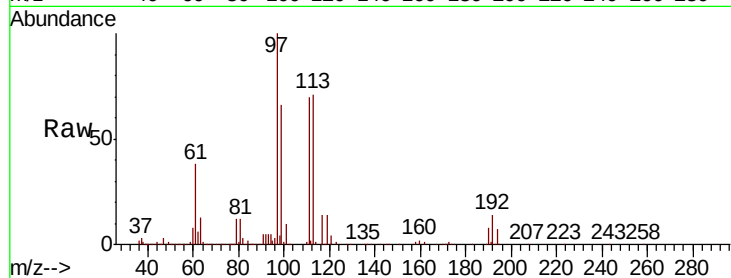




#35
 Dibromofluoromethane
 Concen: 49.165 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

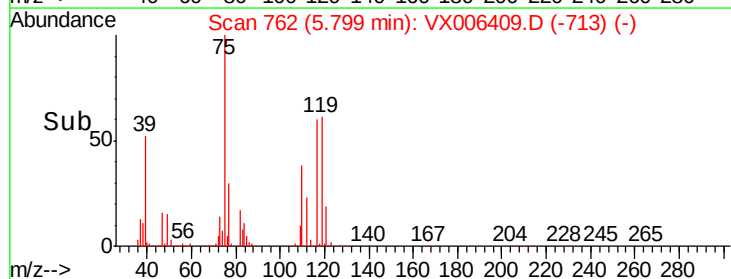
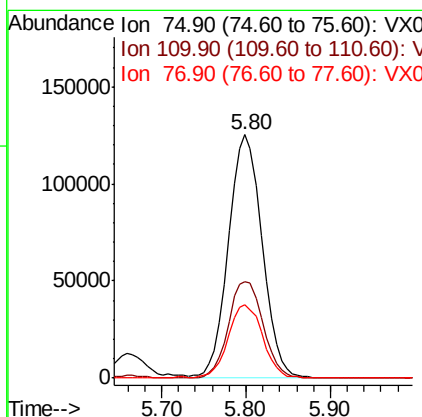
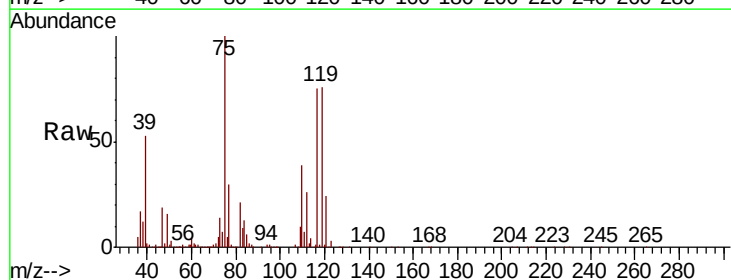
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

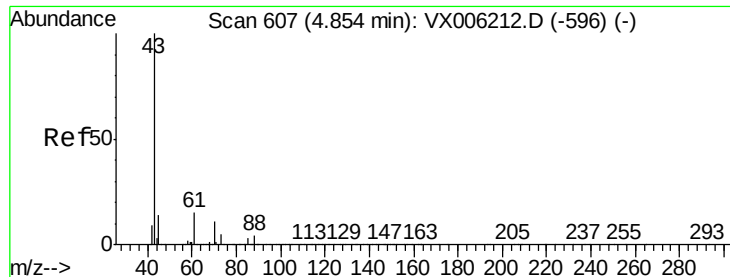
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.1	121.7
192	21.4	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 46.848 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.8	20.4	61.3
77	30.7	24.9	37.3

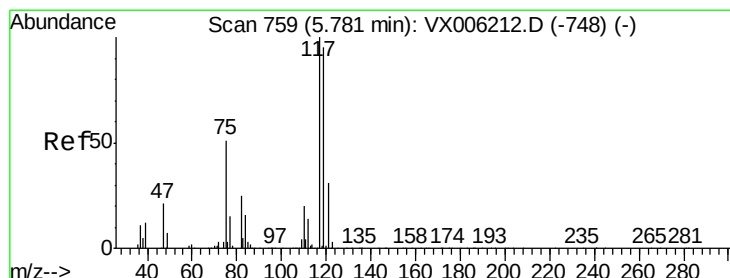
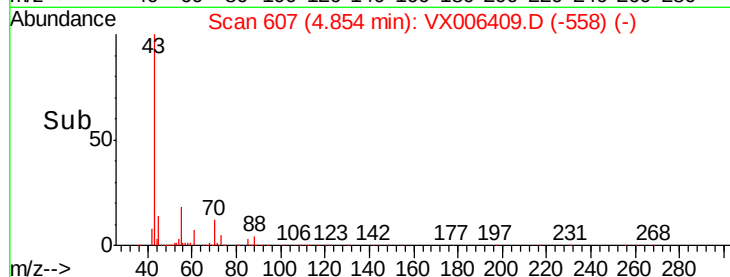
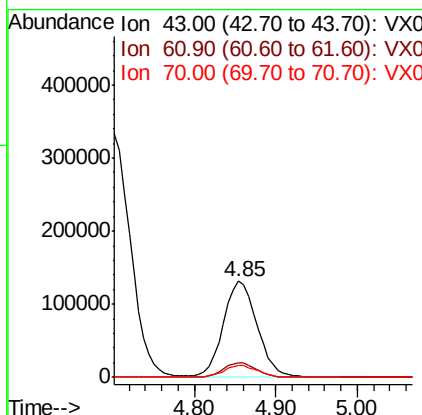
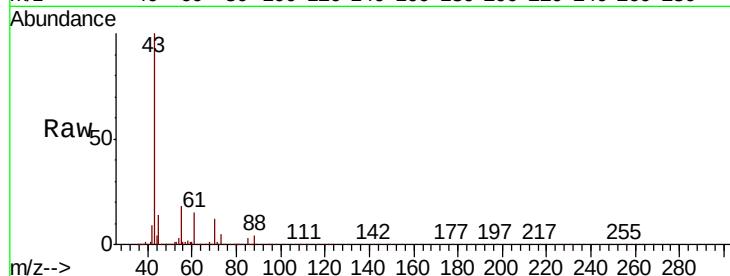




#37
Ethyl Acetate
Concen: 46.585 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

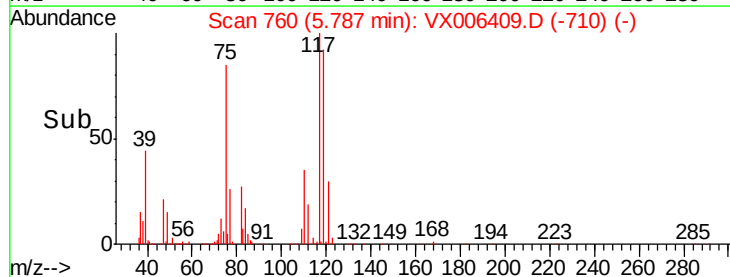
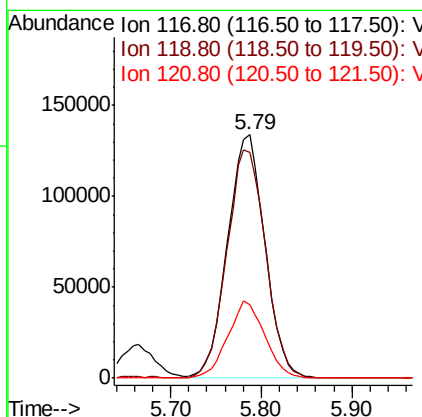
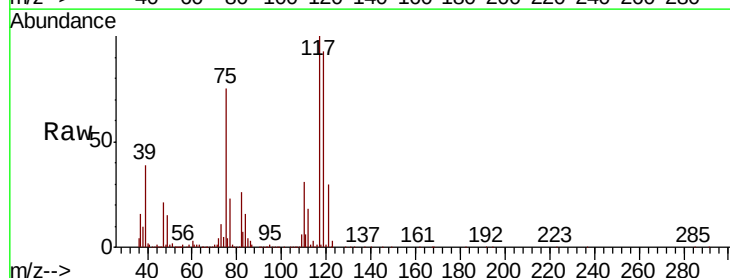
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

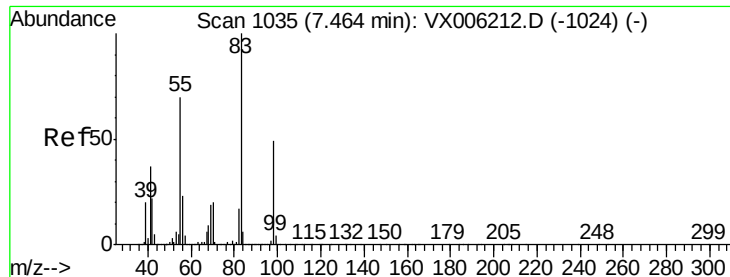
Tot Ion: 43 Resp: 378070
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 12.0 9.0 13.6



#38
Carbon Tetrachloride
Concen: 44.960 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion: 117 Resp: 383308
Ion Ratio Lower Upper
117 100
119 92.8 75.8 113.8
121 30.2 24.6 37.0

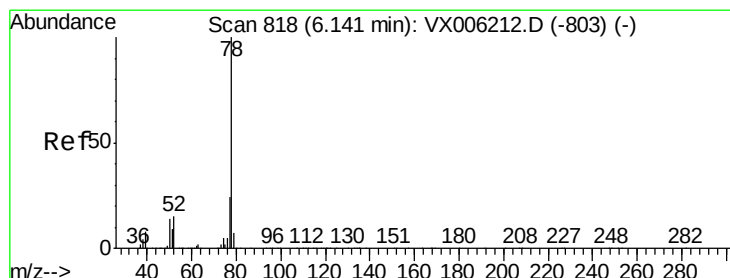
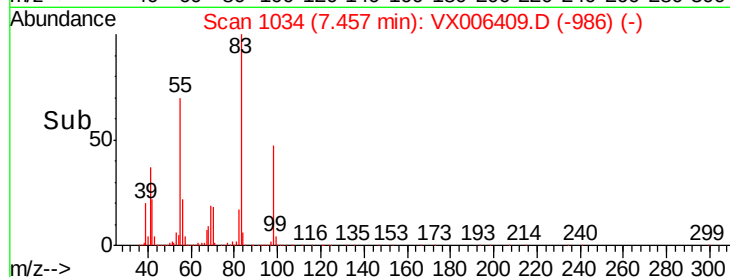
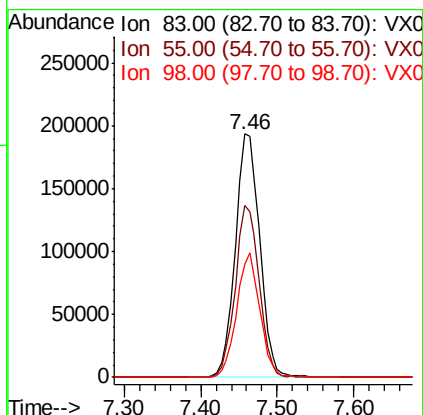
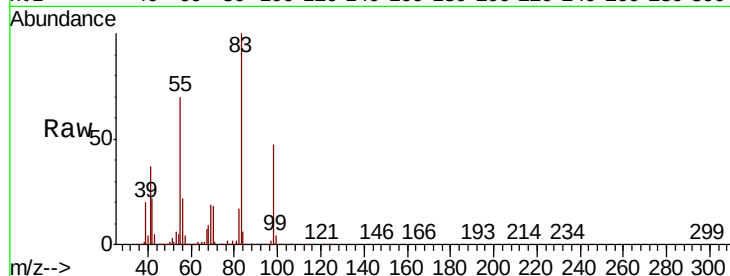




#39
Methylvlcyclohexane
Concen: 45.602 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

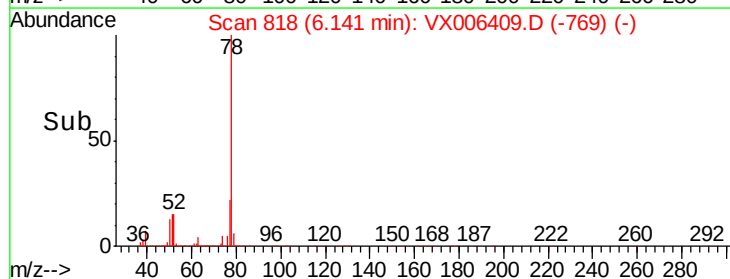
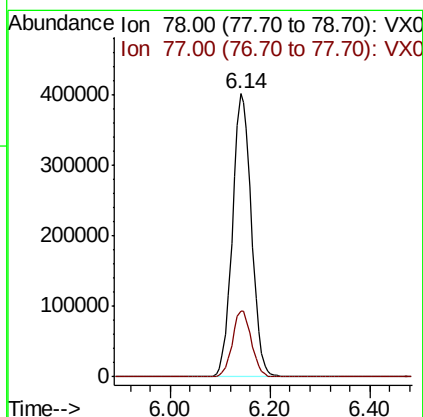
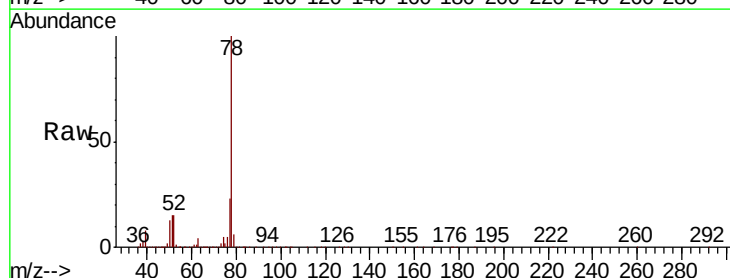
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

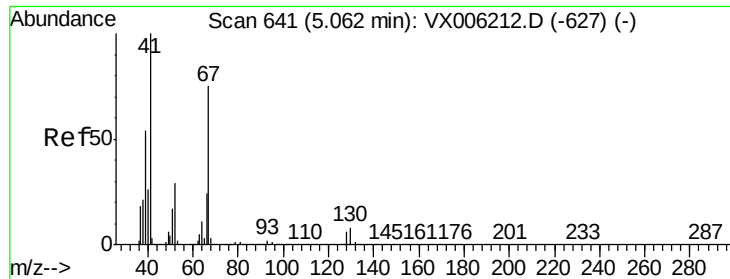
Tot Ion: 83 Resp: 428970
Ion Ratio Lower Upper
83 100
55 70.4 56.4 84.6
98 46.6 39.0 58.6



#40
Benzene
Concen: 48.917 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion: 78 Resp: 1061753
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8

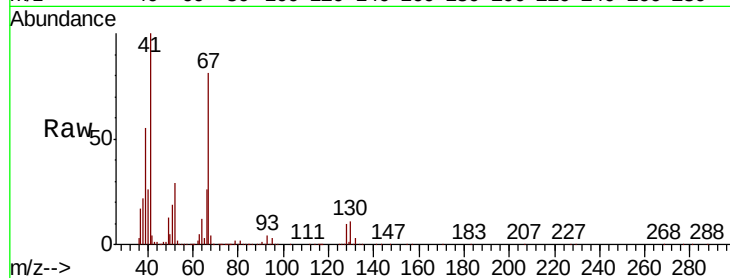




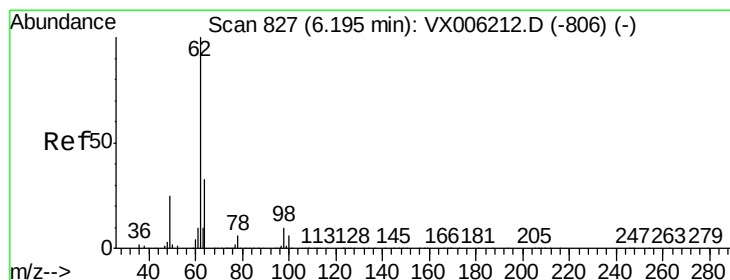
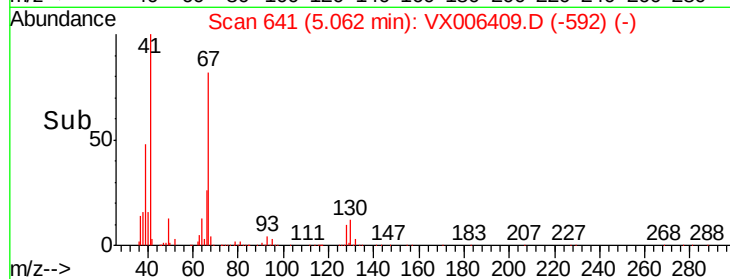
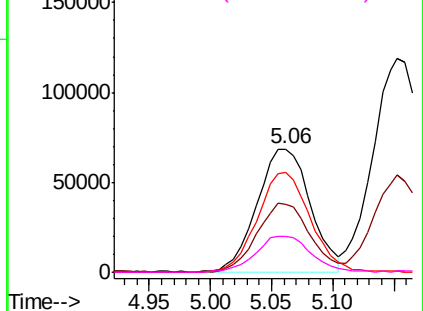
#41
Methacrylonitrile
Concen: 46.297 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	206745
Ion	Ratio	Lower	Upper
41	100		
39	56.5	44.0	66.0
67	81.5	61.4	92.0
52	30.0	23.5	35.3

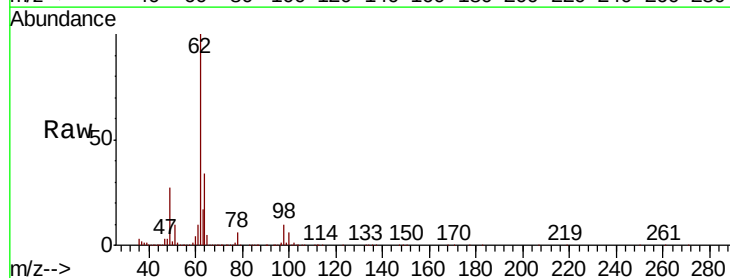


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

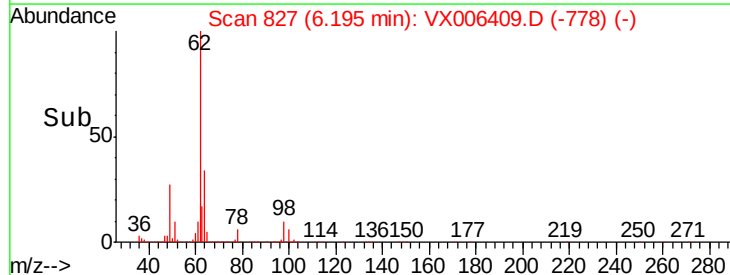
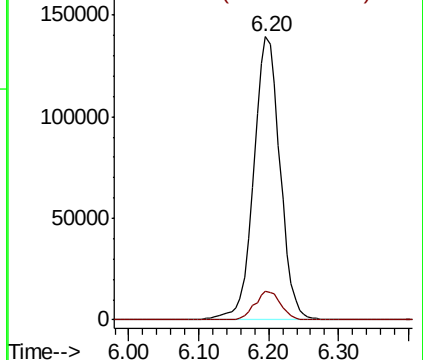


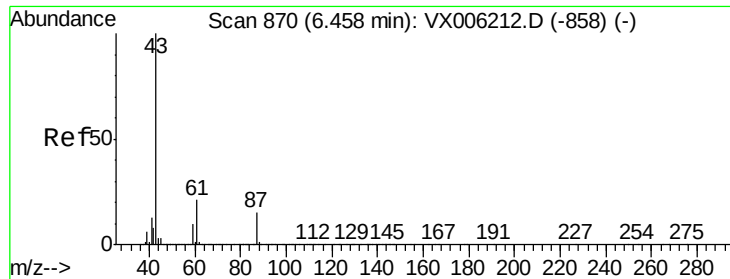
#42
1,2-Dichloroethane
Concen: 51.024 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion:	62	Resp:	362459
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 45.370 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

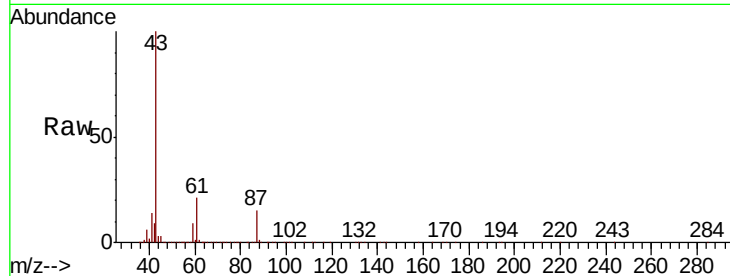
Tot Ion: 43 Resp: 613910

Ion Ratio Lower Upper

43 100

61 21.1 16.8 25.2

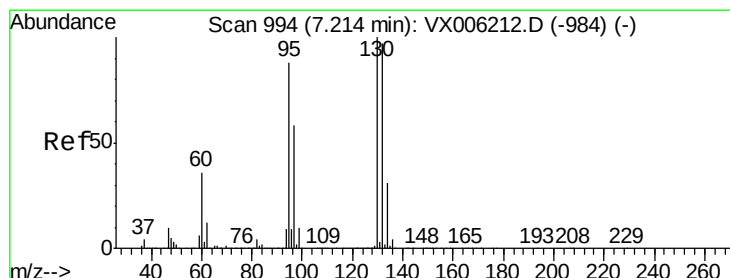
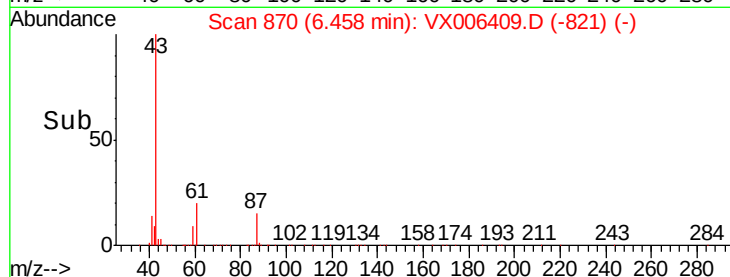
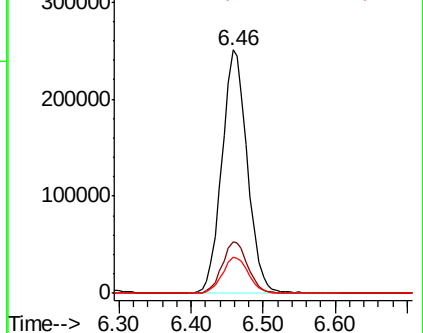
87 15.3 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.551 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006409.D

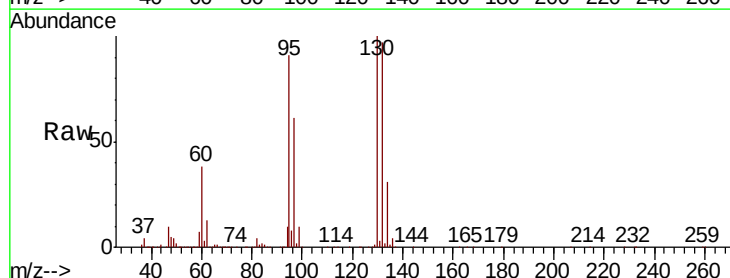
Acq: 11 Dec 2018 09:31

Tgt Ion:130 Resp: 312670

Ion Ratio Lower Upper

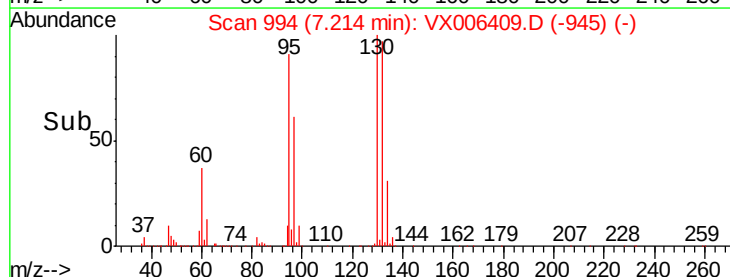
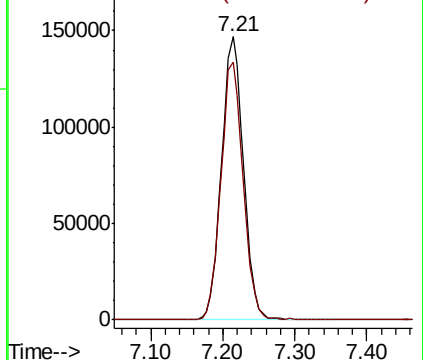
130 100

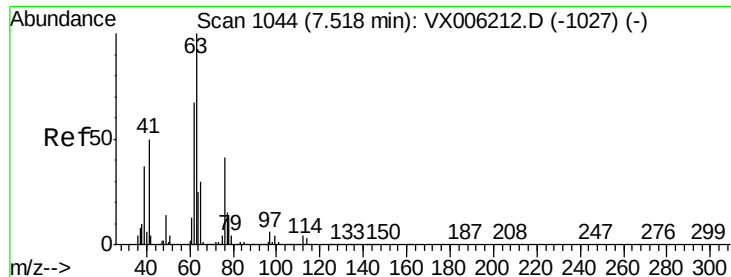
95 91.0 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

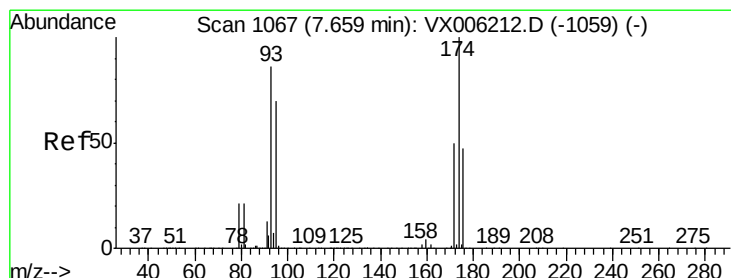
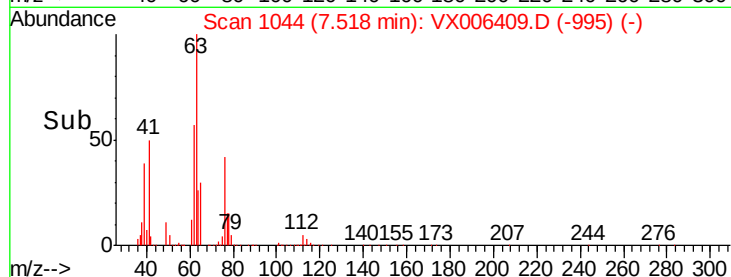
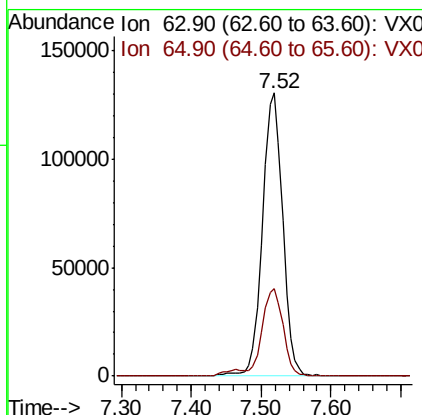
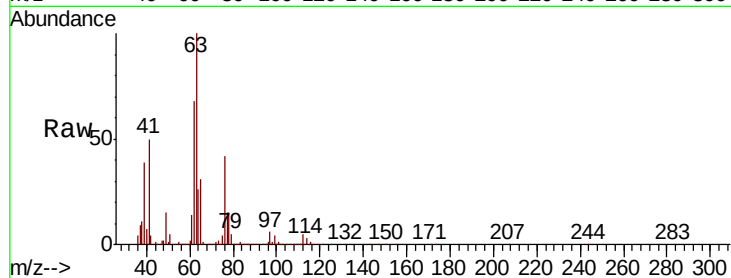




#45
 1,2-Dichloropropane
 Concen: 47.733 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

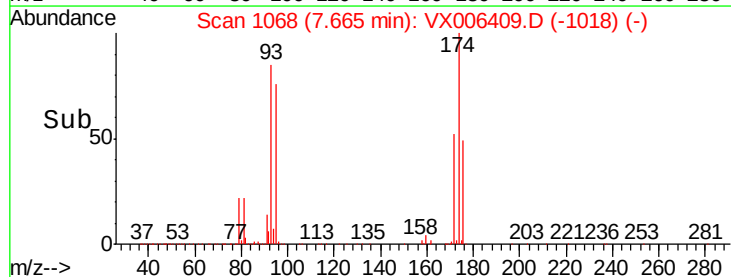
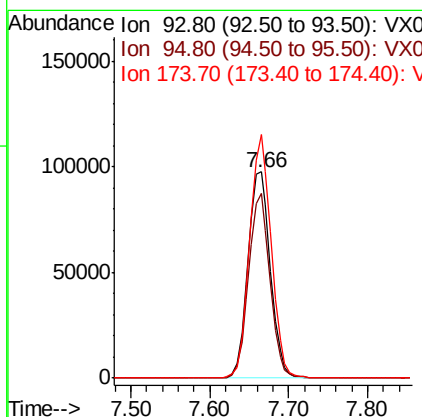
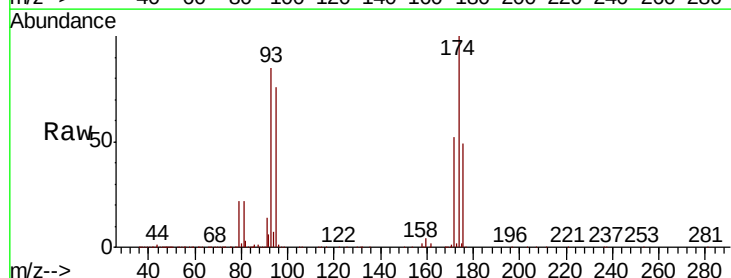
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

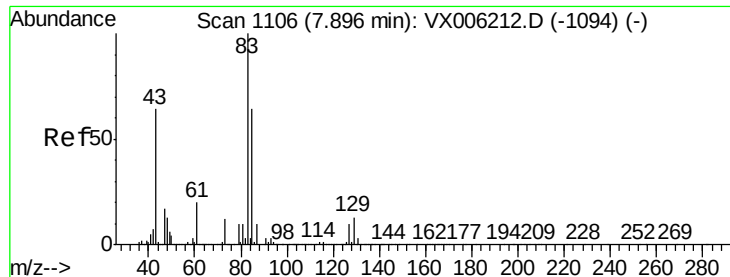
Tot Ion: 63 Resp: 263315
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.3 36.5



#46
 Dibromomethane
 Concen: 48.530 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion: 93 Resp: 193346
 Ion Ratio Lower Upper
 93 100
 95 85.4 66.2 99.4
 174 113.5 97.2 145.8





#47

Bromodichloromethane

Concen: 47.184 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

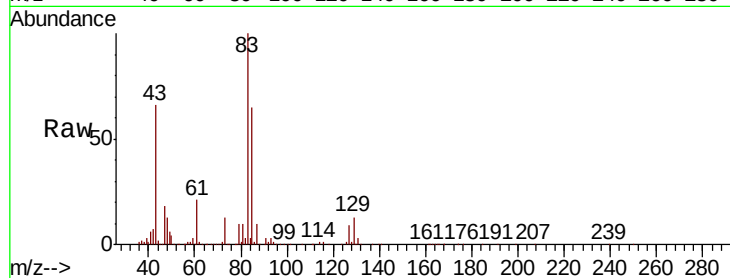
Tot Ion: 83 Resp: 364038

Ion Ratio Lower Upper

83 100

85 65.0 51.4 77.0

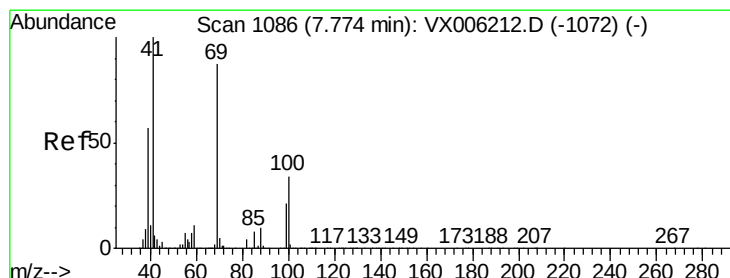
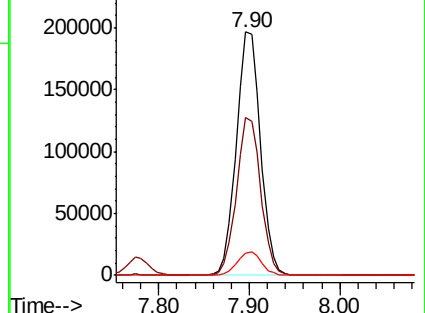
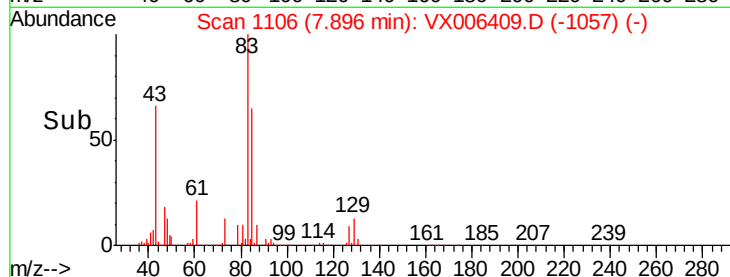
127 9.2 7.9 11.9



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: 46.374 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

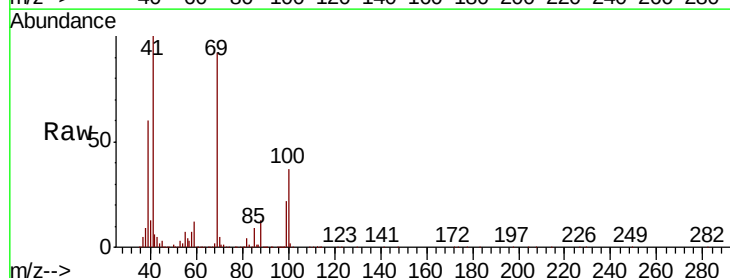
Tgt Ion: 41 Resp: 305267

Ion Ratio Lower Upper

41 100

69 92.0 70.3 105.5

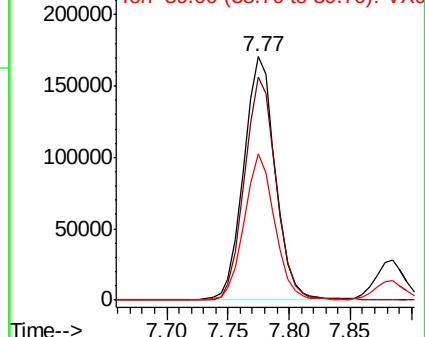
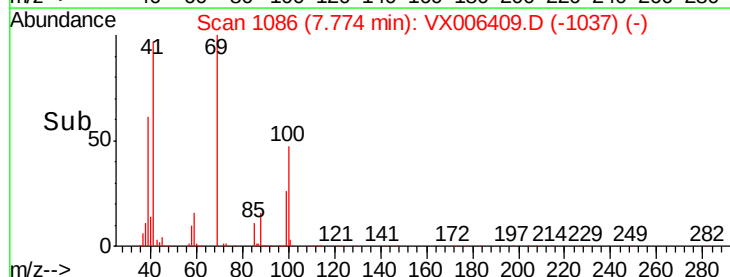
39 57.8 45.3 67.9

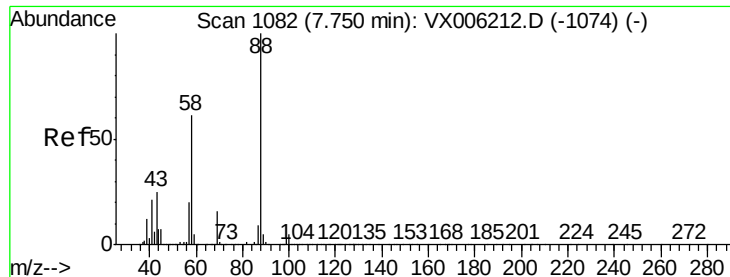


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 978.241 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

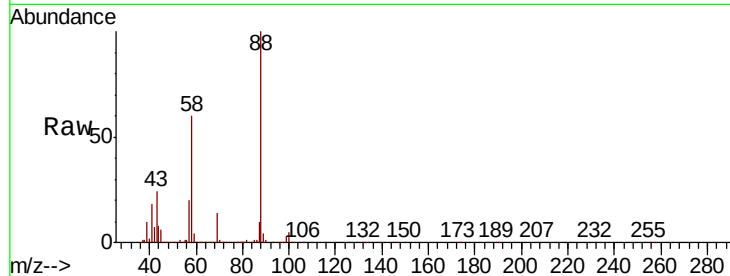
Tot Ion: 88 Resp: 158711

Ion Ratio Lower Upper

88 100

43 26.9 23.2 34.8

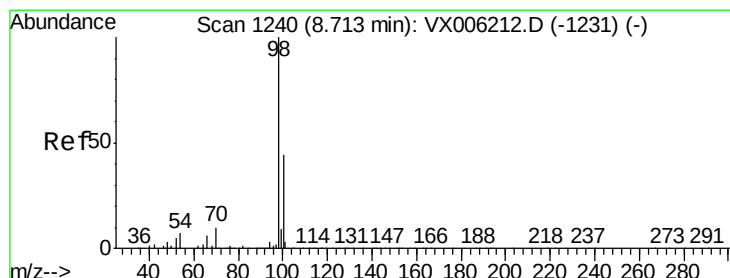
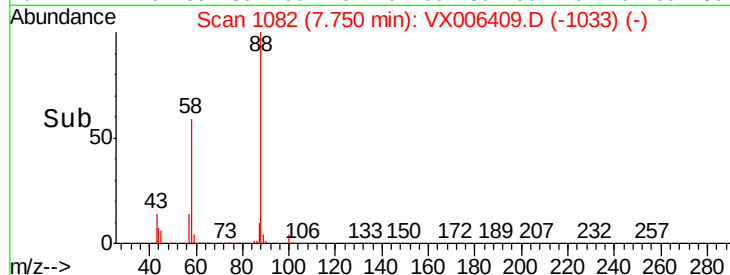
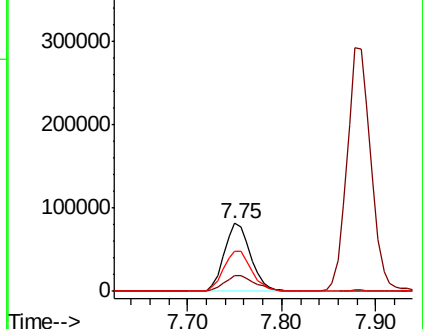
58 63.1 51.4 77.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.049 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006409.D

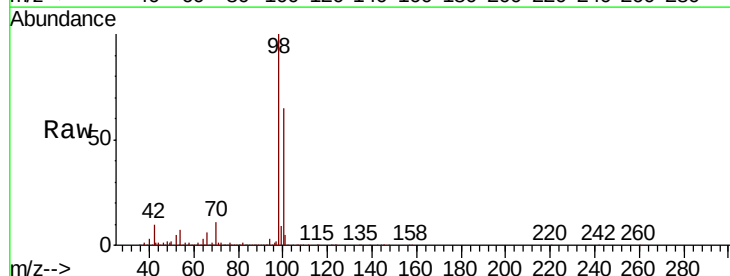
Acq: 11 Dec 2018 09:31

Tgt Ion: 98 Resp: 994092

Ion Ratio Lower Upper

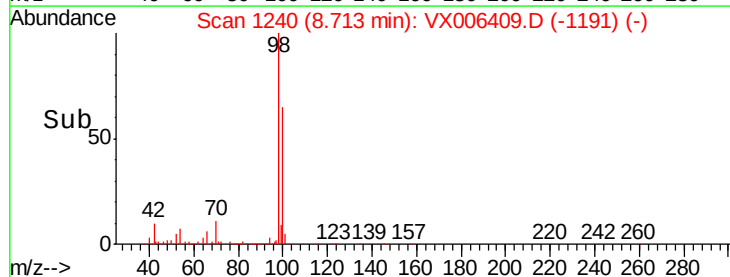
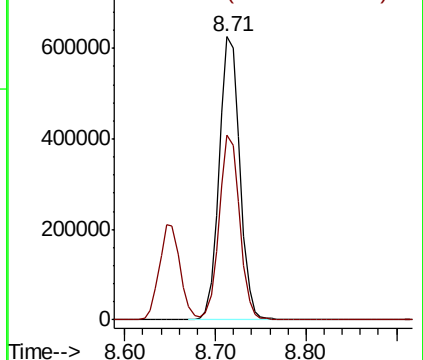
98 100

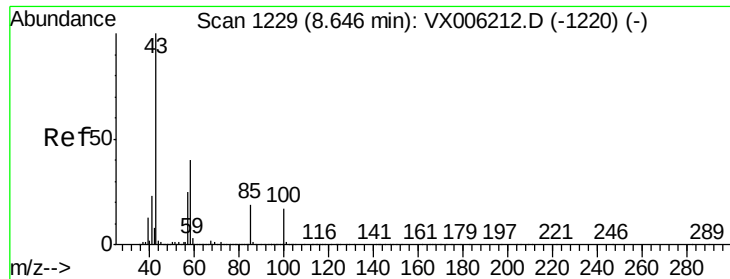
100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 239.825 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

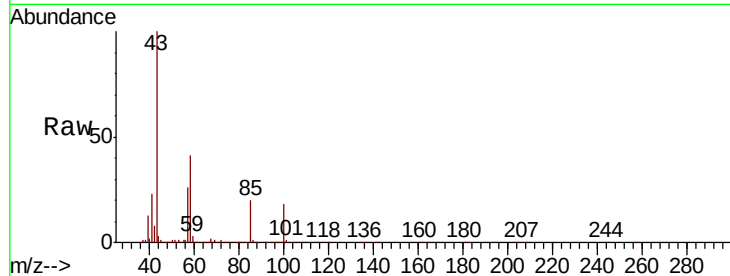
VSTDCCC050EC

Tot Ion: 43 Resp: 1889113

Ion Ratio Lower Upper

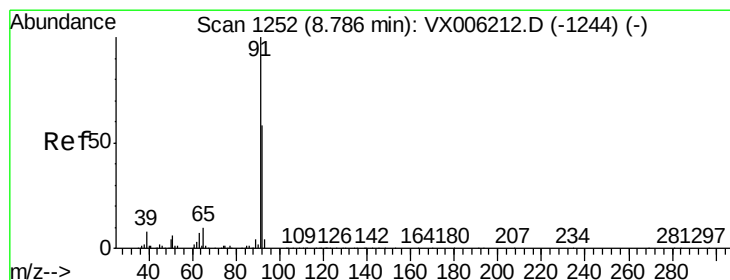
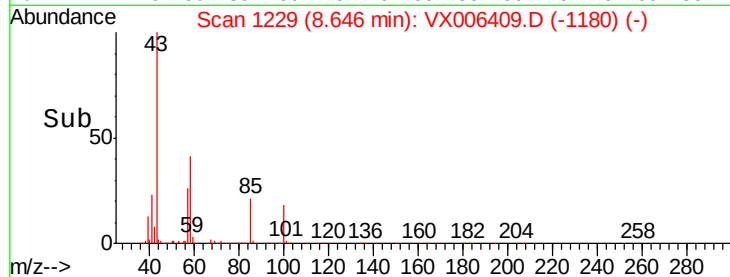
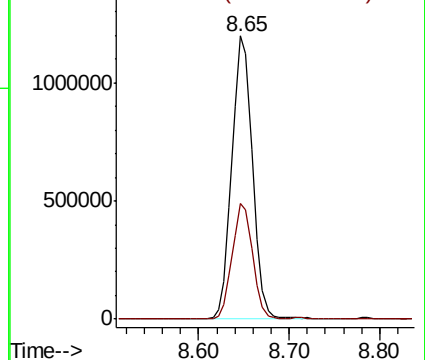
43 100

58 40.3 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.275 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006409.D

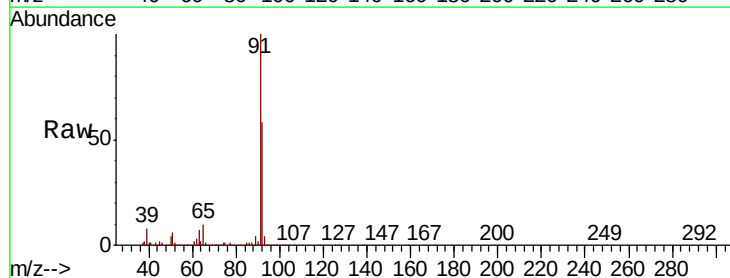
Acq: 11 Dec 2018 09:31

Tgt Ion: 92 Resp: 703641

Ion Ratio Lower Upper

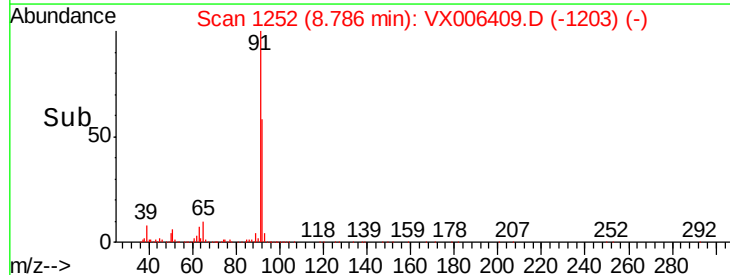
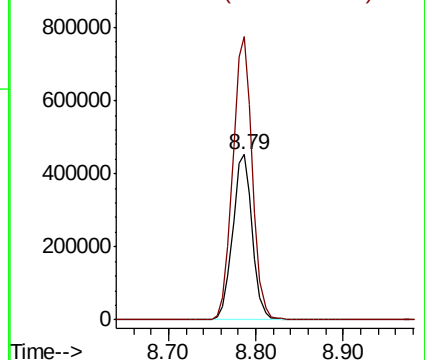
92 100

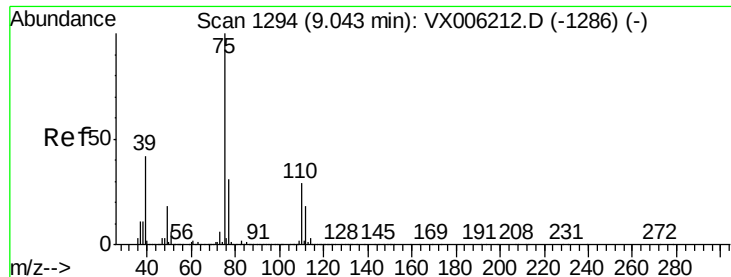
91 171.7 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

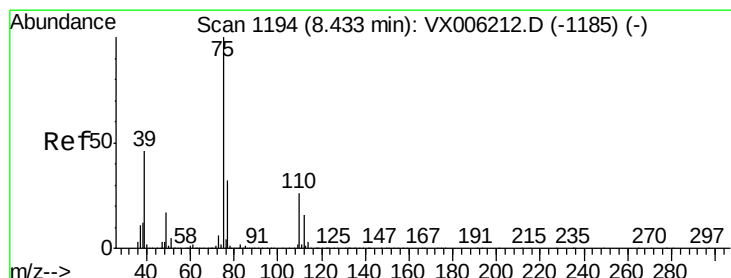
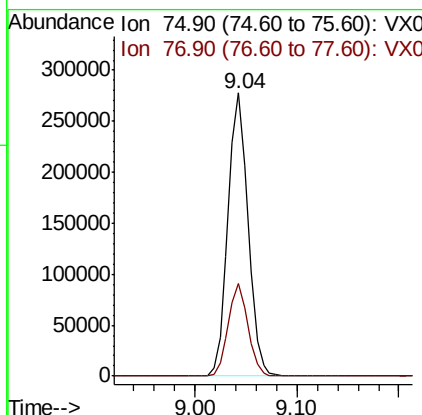
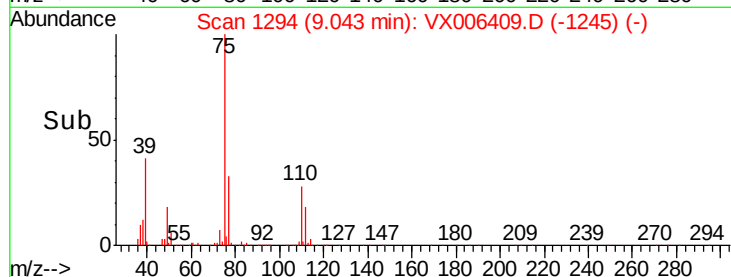
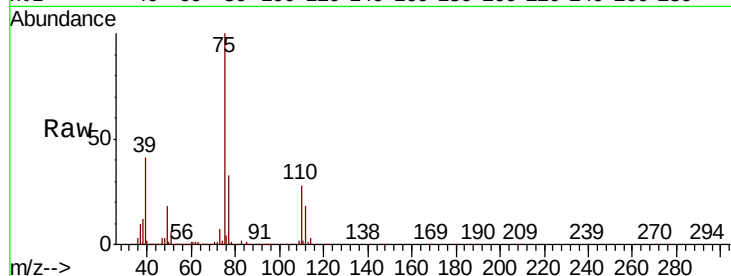




#53
 t-1,3-Dichloropropene
 Concen: 41.933 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

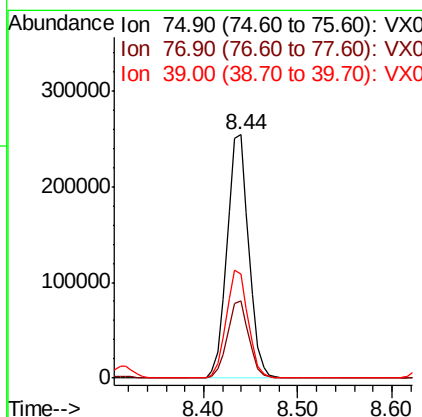
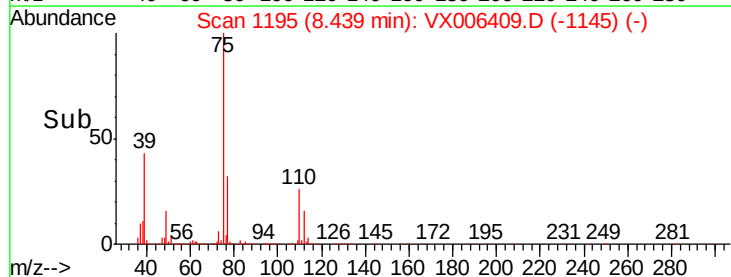
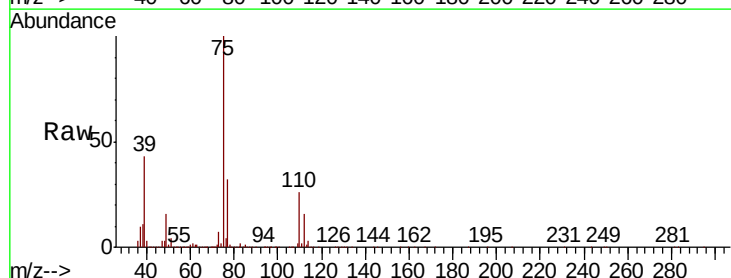
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

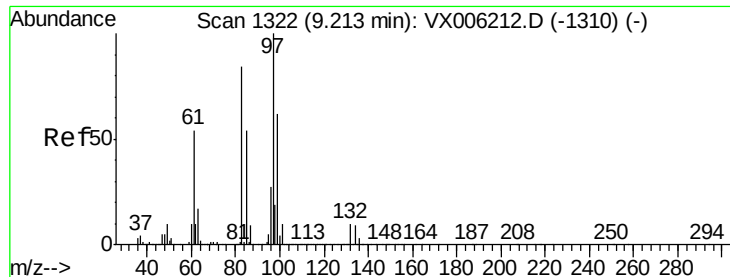
Tot Ion: 75 Resp: 378368
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 43.352 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion: 75 Resp: 406182
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4
 39 42.8 36.5 54.7

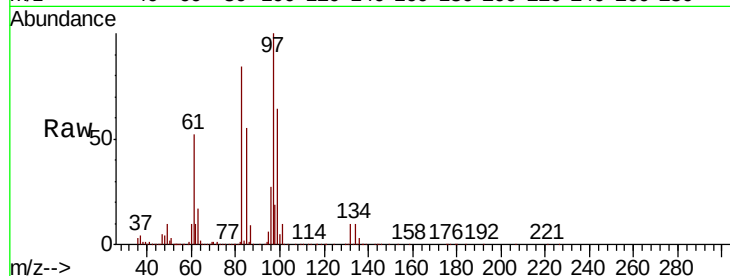




#55
 1,1,2-Trichloroethane
 Concen: 51.306 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	297641
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.1	100.7
85	55.2	43.2	64.8
99	63.6	49.8	74.6



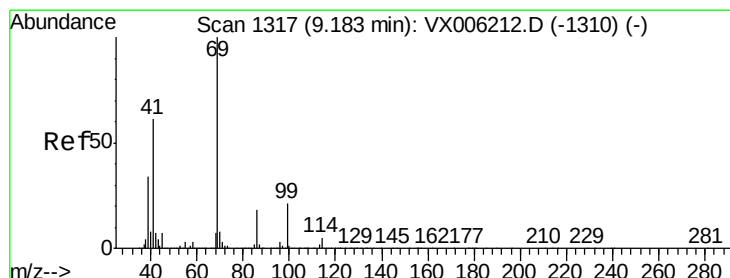
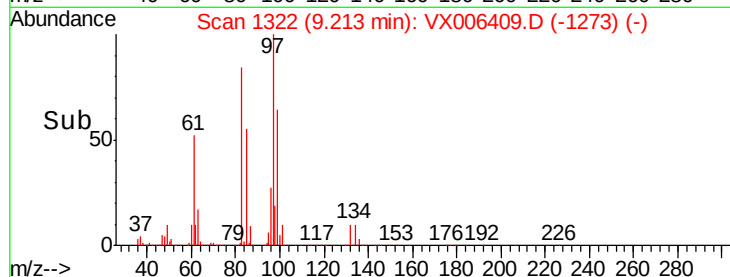
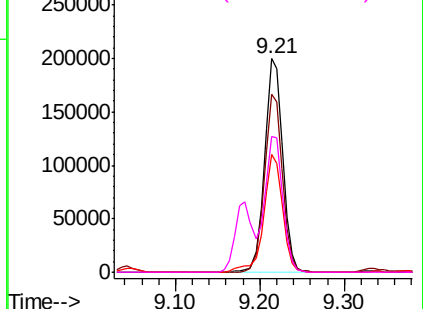
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

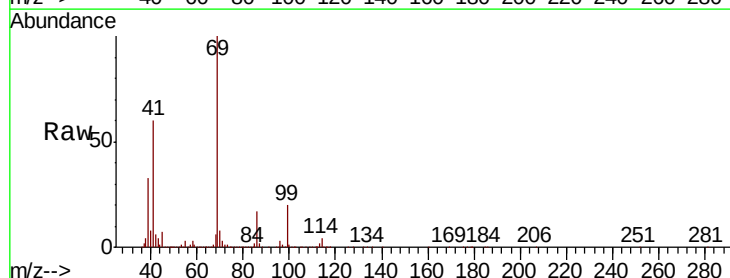
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 49.144 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion:	69	Resp:	445700
Ion	Ratio	Lower	Upper
69	100		
41	60.1	50.6	76.0
39	32.7	27.6	41.4

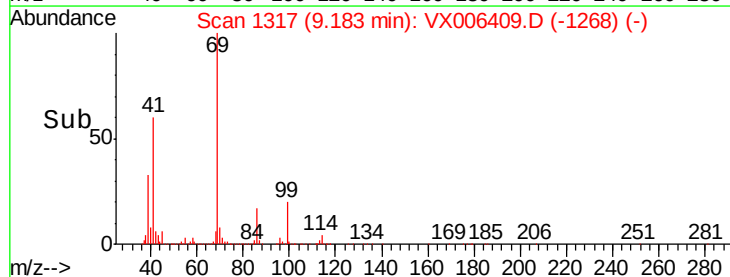
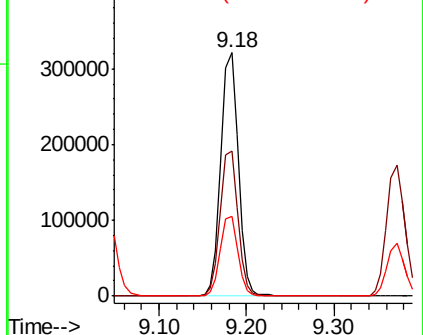


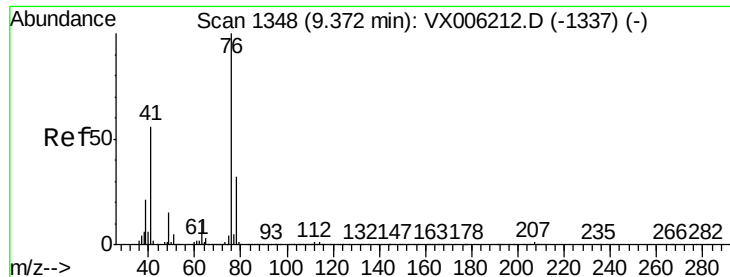
Abundance

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

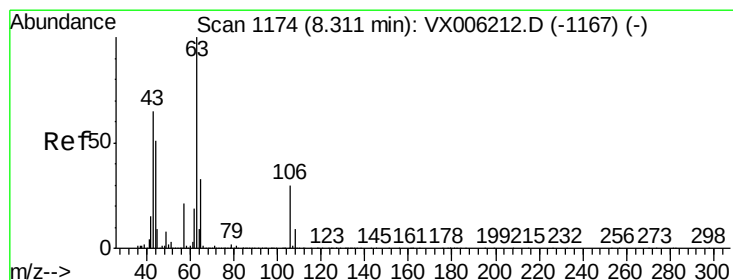
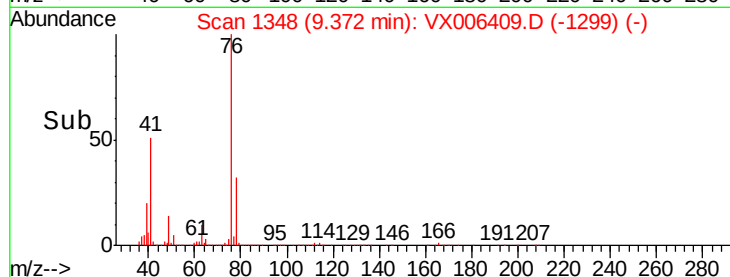
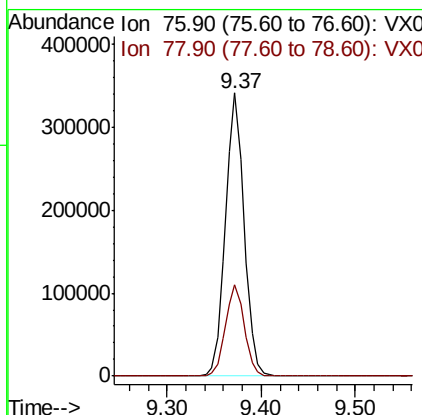
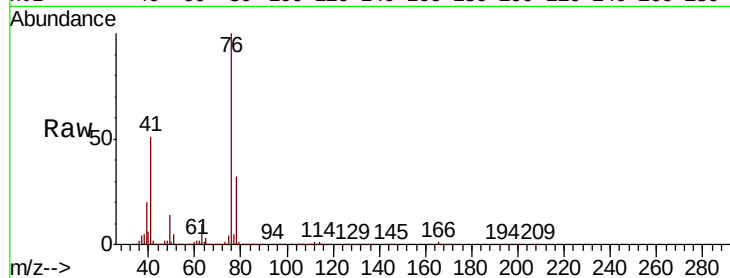




#57
 1,3-Dichloropropane
 Concen: 51.039 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

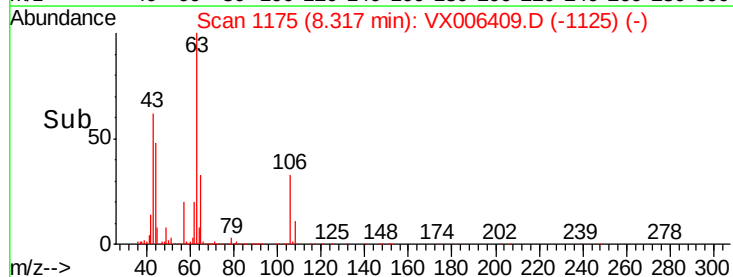
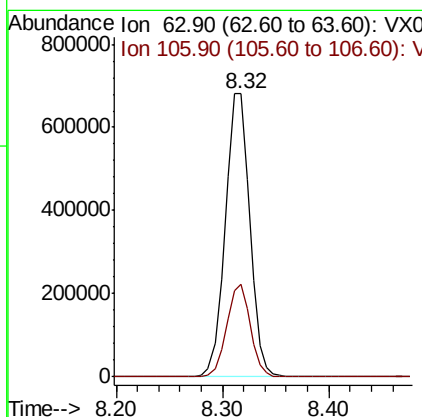
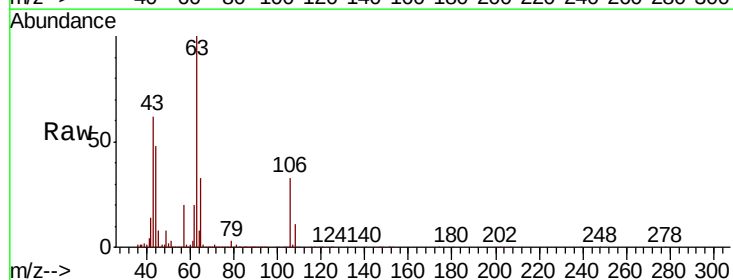
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

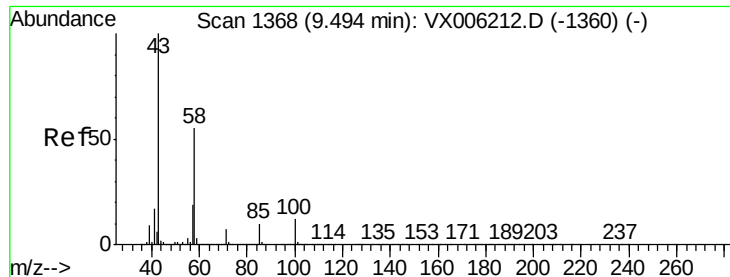
Tot Ion: 76 Resp: 468208
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 238.290 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion: 63 Resp: 1096661
 Ion Ratio Lower Upper
 63 100
 106 31.7 24.9 37.3

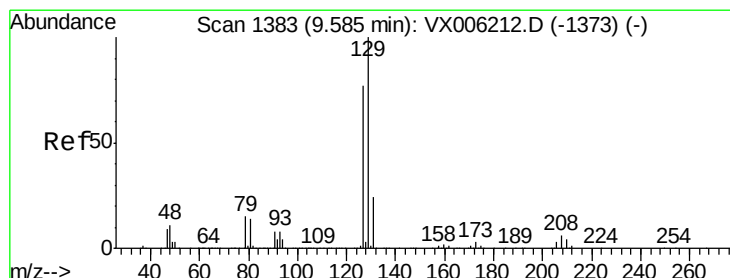
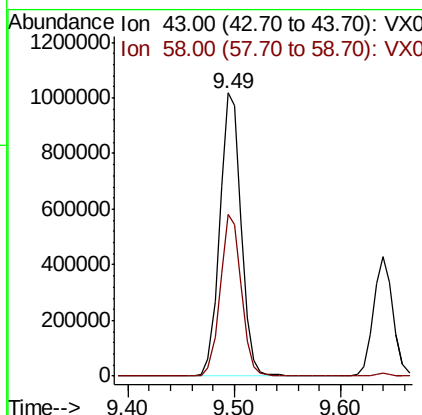
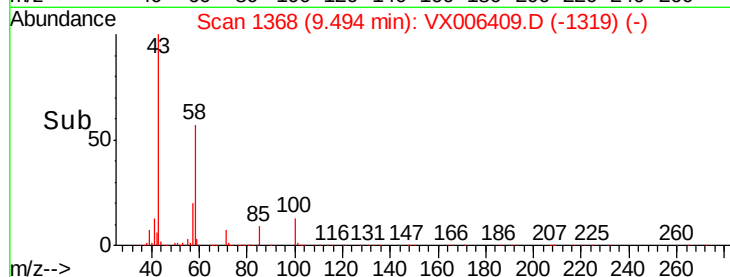
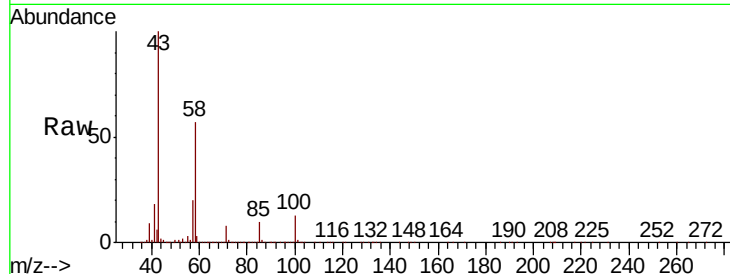




#59
2-Hexanone
Concen: 235.489 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

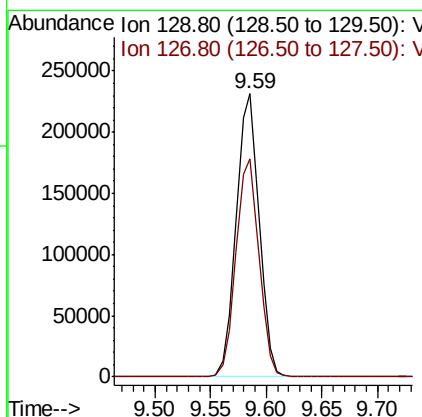
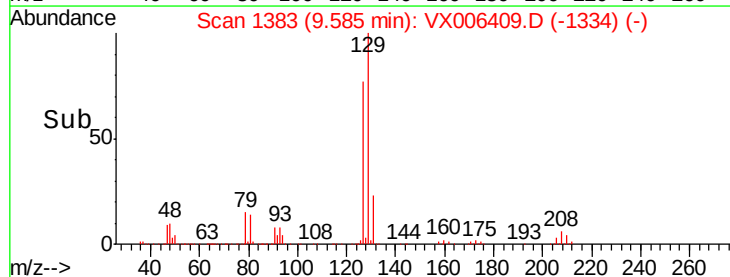
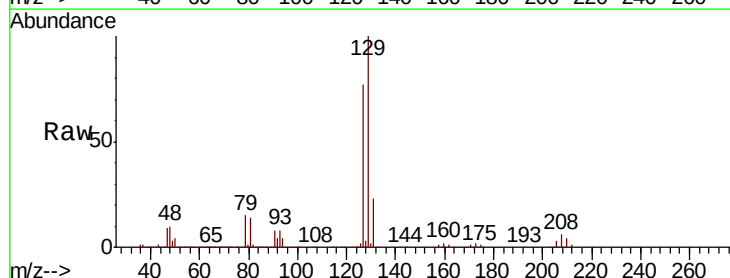
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

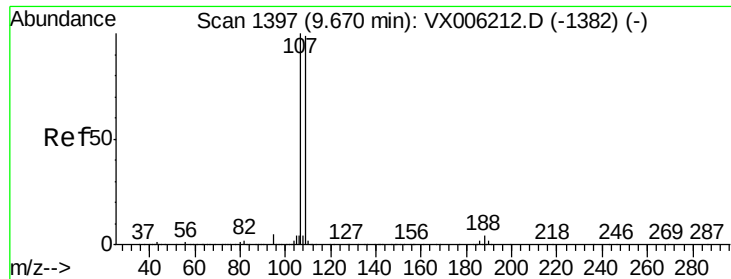
Tot Ion: 43 Resp: 1417197
Ion Ratio Lower Upper
43 100
58 56.4 27.7 83.1



#60
Dibromochloromethane
Concen: 46.181 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion: 129 Resp: 330355
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 49.415 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

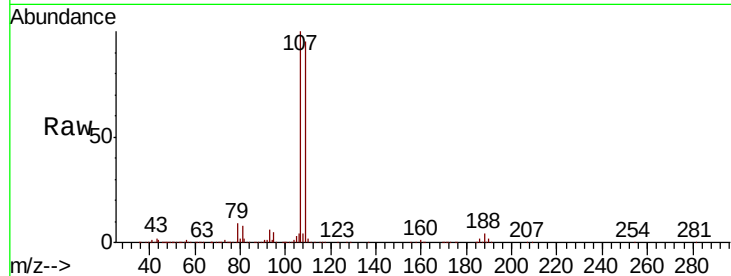
VSTDCCC050EC

Tot Ion:107 Resp: 320543

Ion Ratio Lower Upper

107 100

109 95.9 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

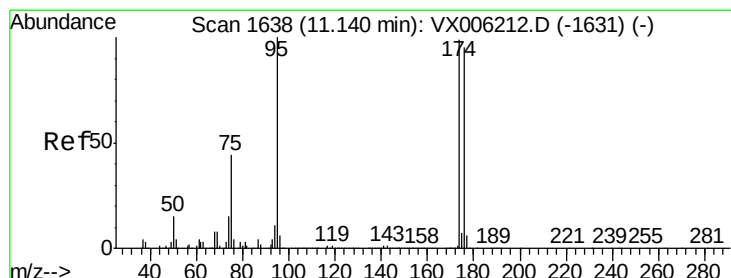
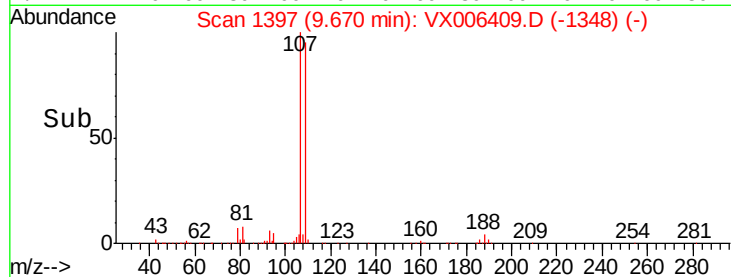
150000

100000

50000

0

Time--> 9.50 9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 50.656 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

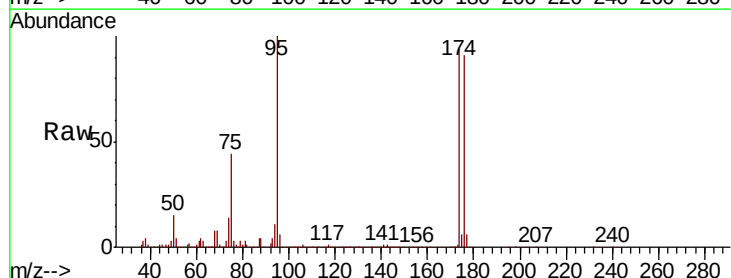
Tgt Ion: 95 Resp: 386875

Ion Ratio Lower Upper

95 100

174 88.7 0.0 187.0

176 87.0 0.0 181.8



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

400000

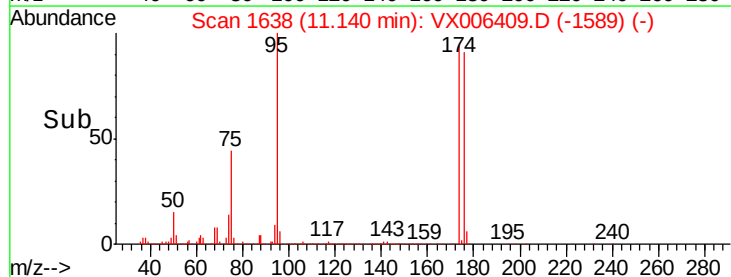
300000

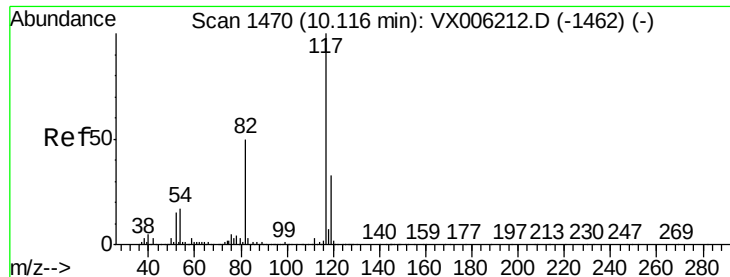
200000

100000

0

Time--> 11.10 11.20





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

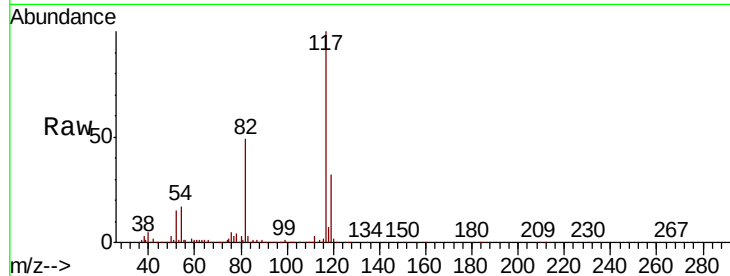
Tot Ion:117 Resp: 795406

Ion Ratio Lower Upper

117 100

82 49.3 39.6 59.4

119 32.1 26.3 39.5

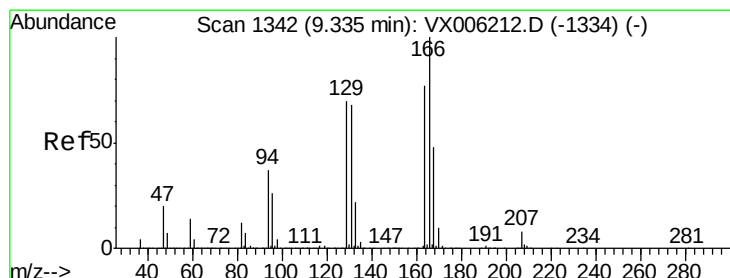
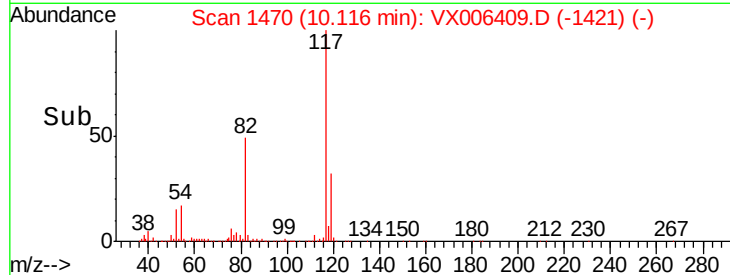
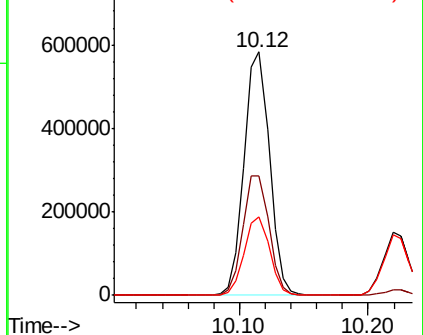


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 48.104 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Tgt Ion:164 Resp: 288151

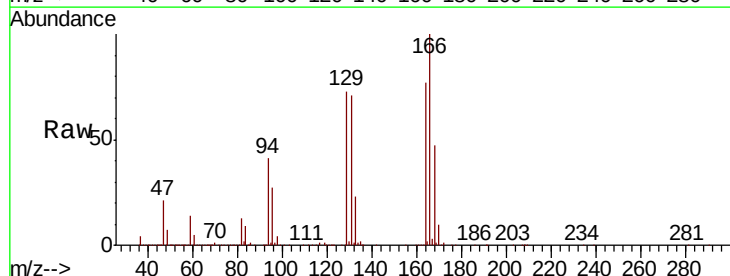
Ion Ratio Lower Upper

164 100

166 129.3 104.2 156.2

129 94.5 72.6 108.8

131 91.8 70.3 105.5



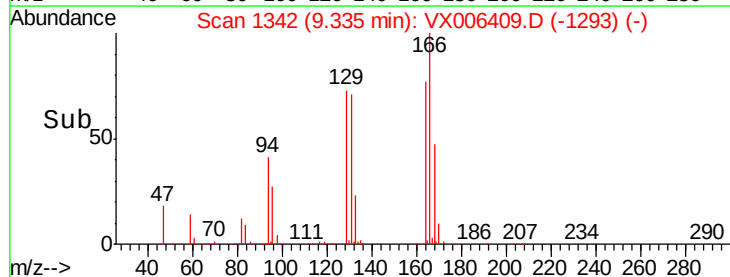
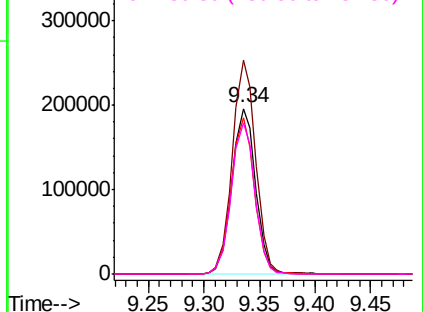
Abundance

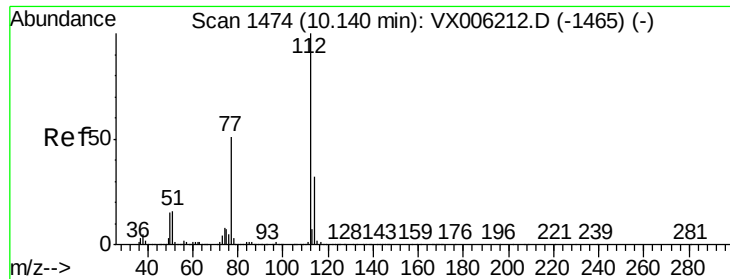
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

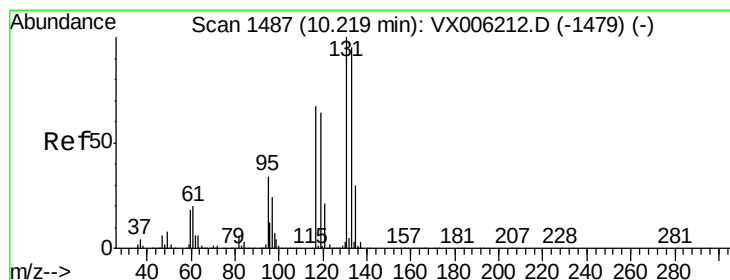
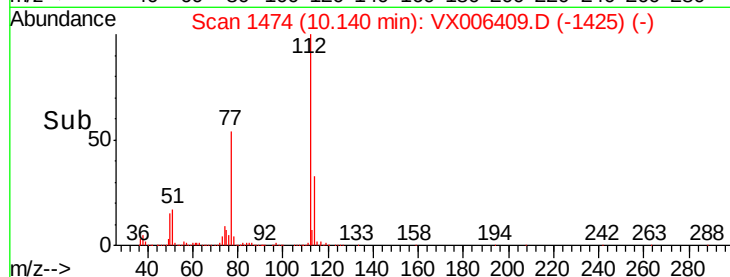
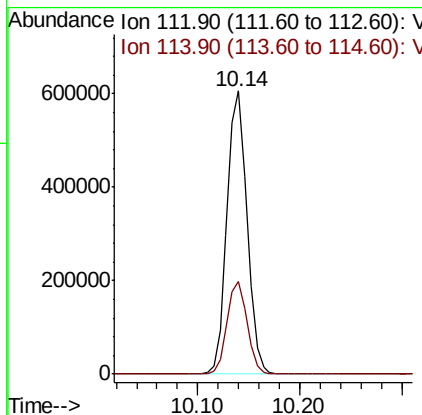
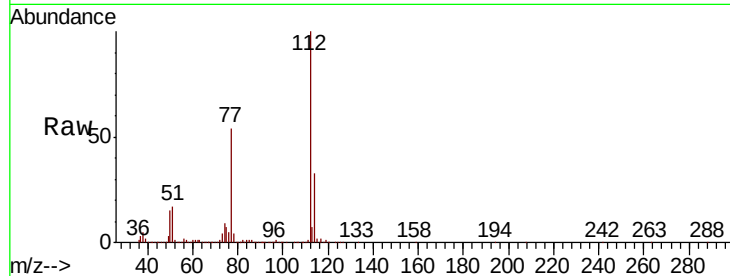




#65
Chlorobenzene
Concen: 48.774 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

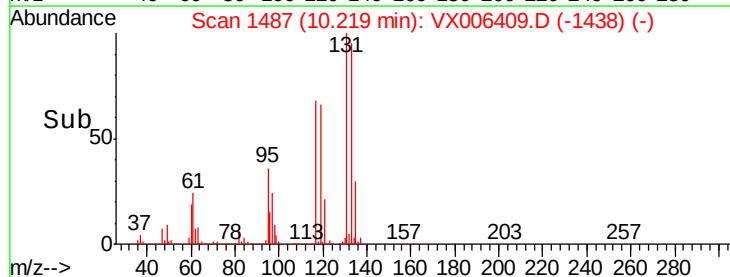
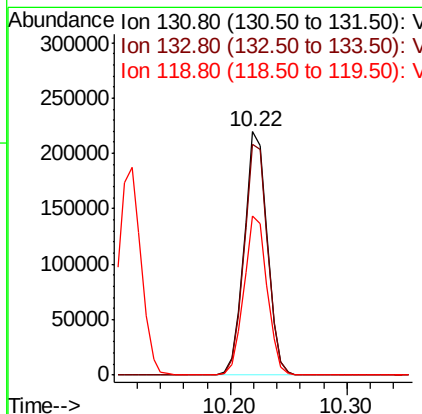
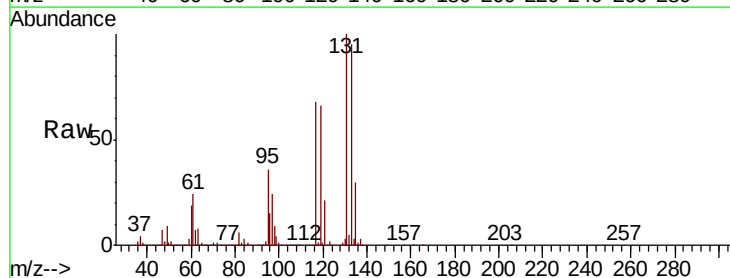
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

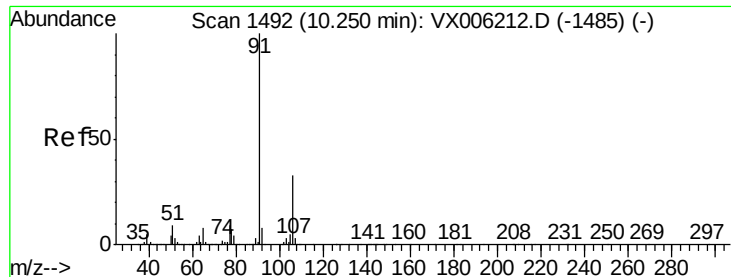
Tot Ion:112 Resp: 823542
Ion Ratio Lower Upper
112 100
114 32.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 46.490 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion:131 Resp: 304991
Ion Ratio Lower Upper
131 100
133 96.7 48.1 144.4
119 65.8 32.1 96.3

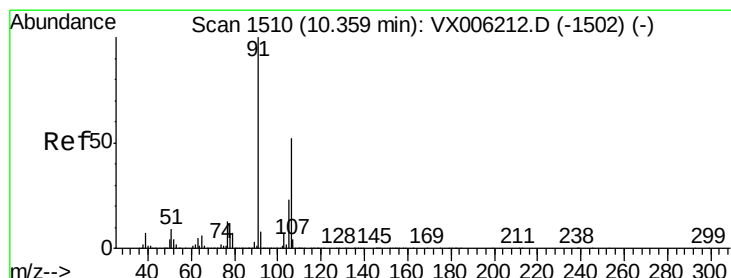
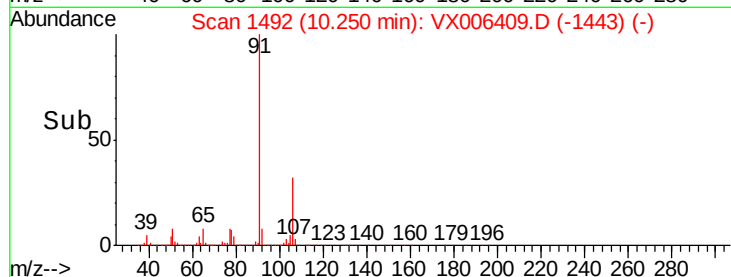
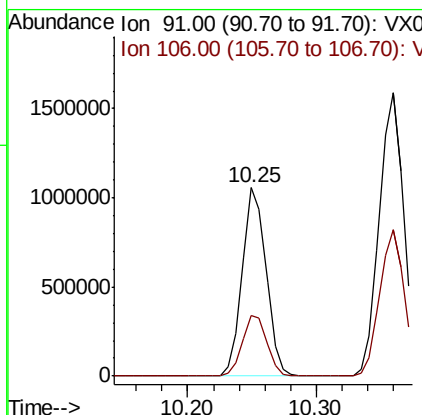
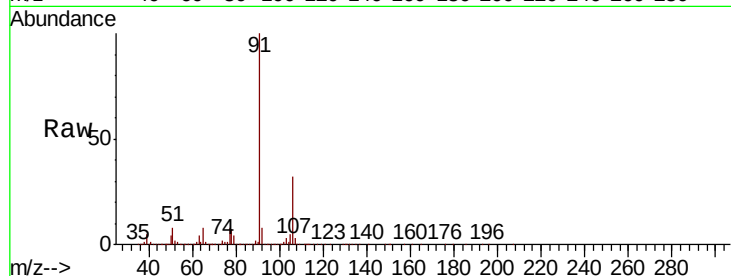




#67
Ethyl Benzene
Concen: 48.257 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

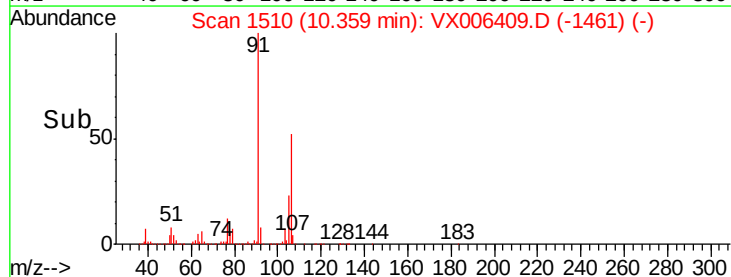
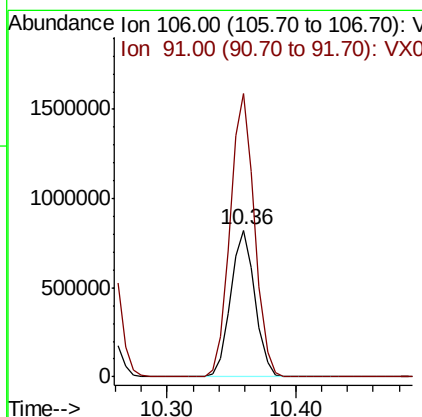
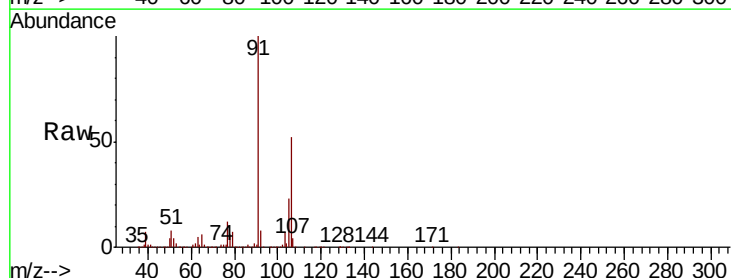
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

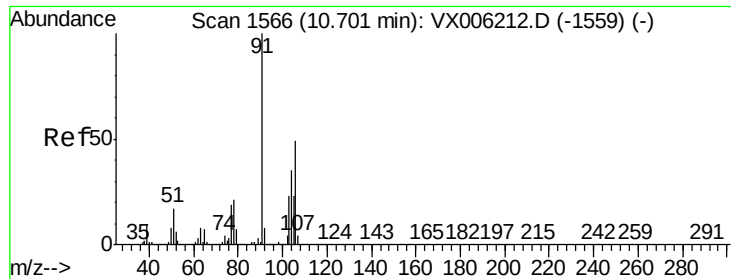
Tot Ion: 91 Resp: 1355188
Ion Ratio Lower Upper
91 100
106 32.4 26.5 39.7



#68
m/p-Xylenes
Concen: 96.491 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion: 106 Resp: 1085434
Ion Ratio Lower Upper
106 100
91 193.8 155.2 232.8

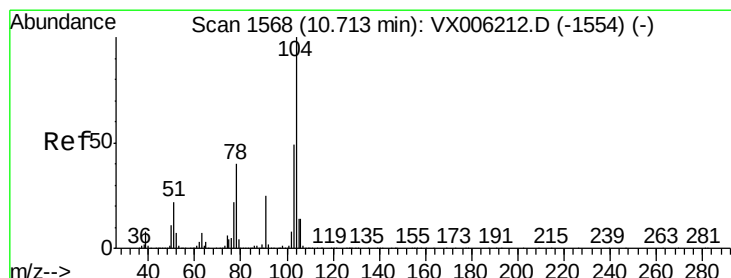
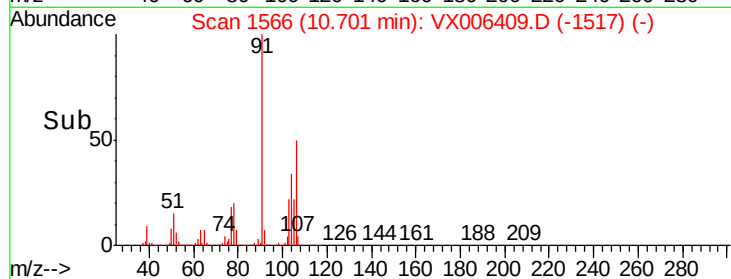
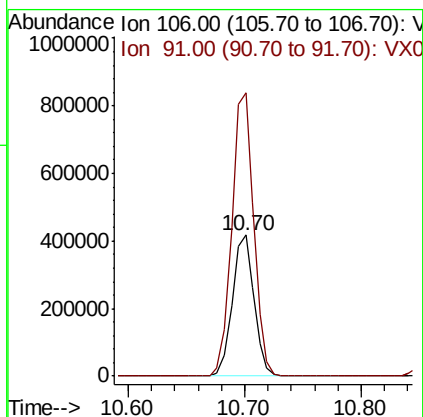
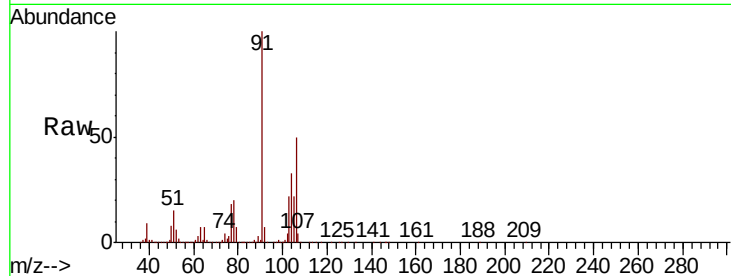




#69
o-Xylene
Concen: 48.519 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

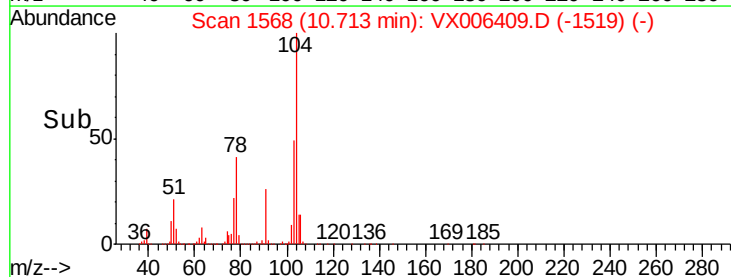
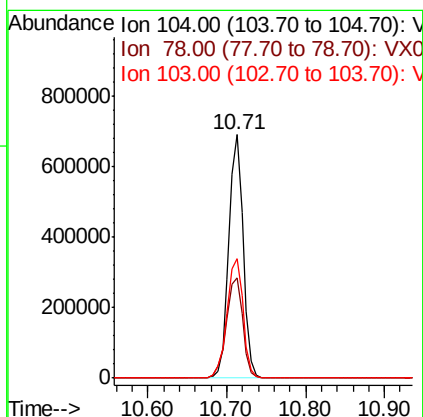
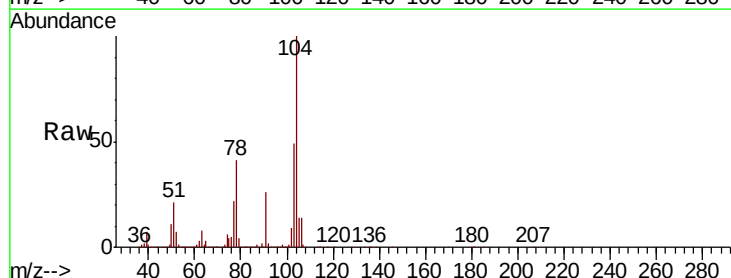
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

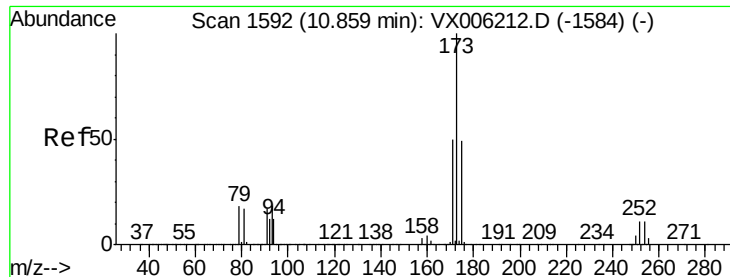
Tot Ion:106 Resp: 539121
Ion Ratio Lower Upper
106 100
91 203.7 101.8 305.6



#70
Styrene
Concen: 48.629 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion:104 Resp: 873930
Ion Ratio Lower Upper
104 100
78 46.9 37.2 55.8
103 55.0 43.5 65.3





#71

Bromoform

Concen: 41.274 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

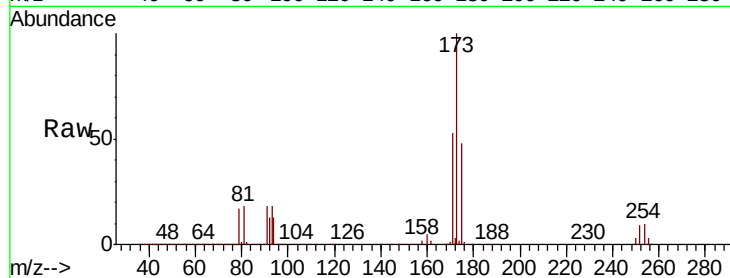
Tot Ion:173 Resp: 255605

Ion Ratio Lower Upper

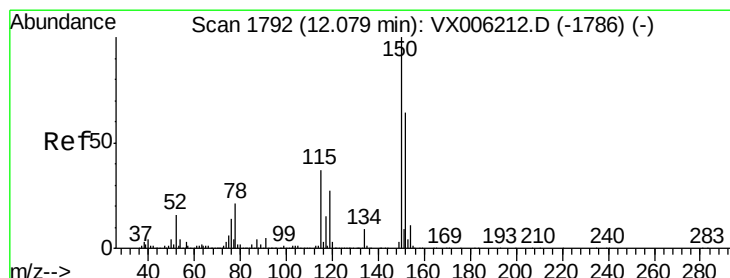
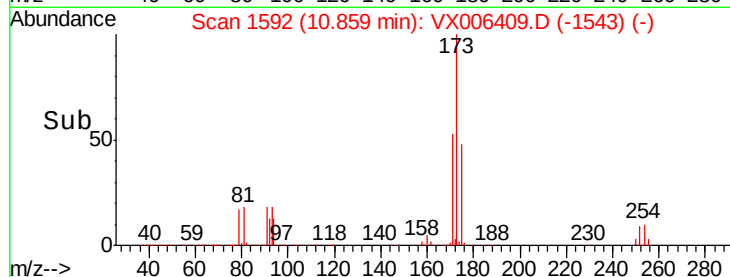
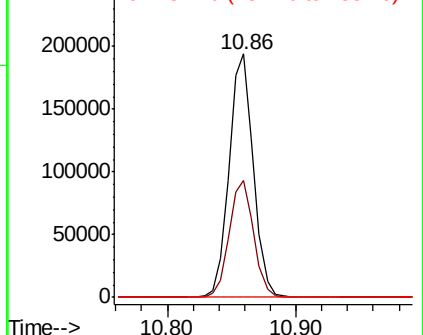
173 100

175 48.3 24.6 73.8

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: VX006409.D

Acq: 11 Dec 2018 09:31

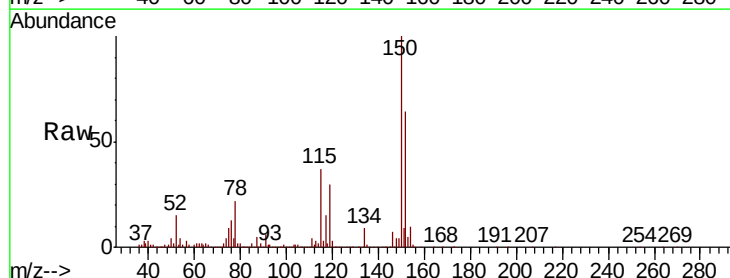
Tgt Ion:152 Resp: 412010

Ion Ratio Lower Upper

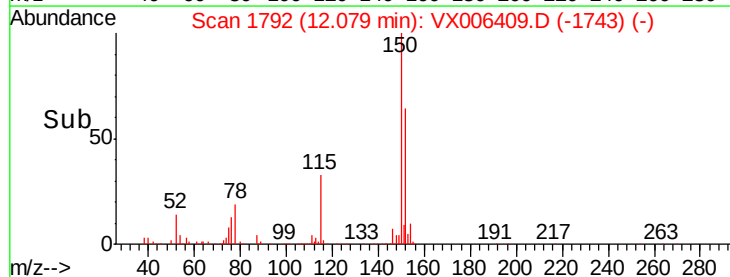
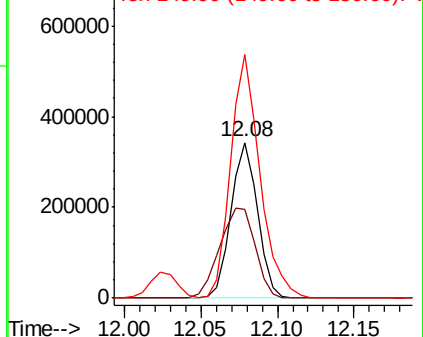
152 100

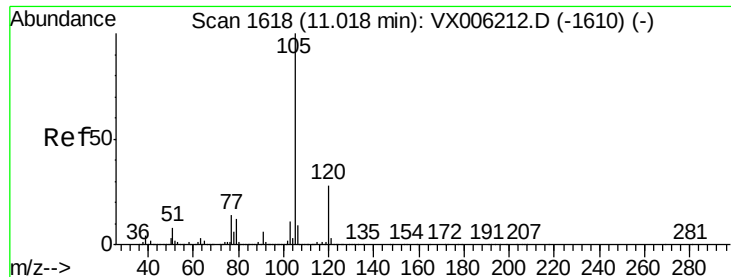
115 77.8 39.0 116.9

150 172.5 0.0 345.8



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: 49.812 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

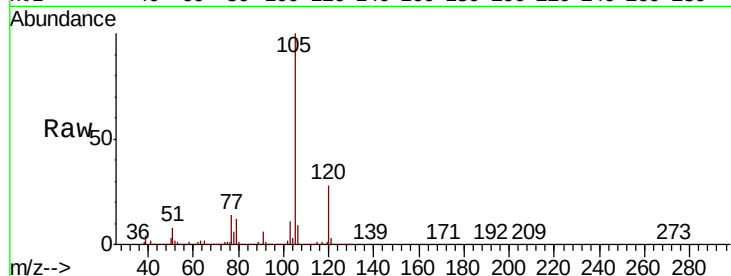
VSTDCCC050EC

Tot Ion:105 Resp: 1417295

Ion Ratio Lower Upper

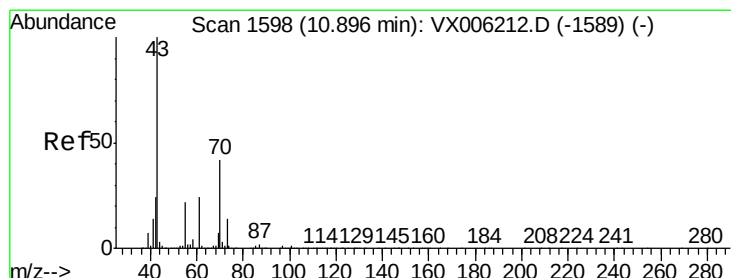
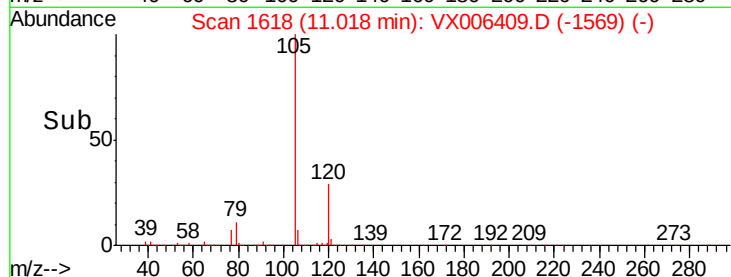
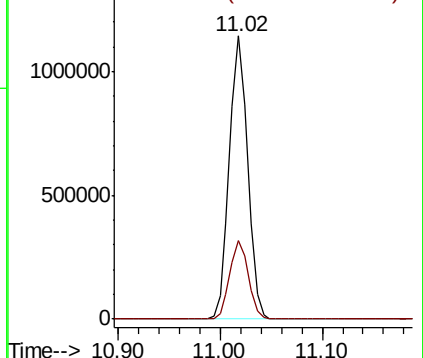
105 100

120 28.0 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.276 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Tgt Ion: 43 Resp: 542492

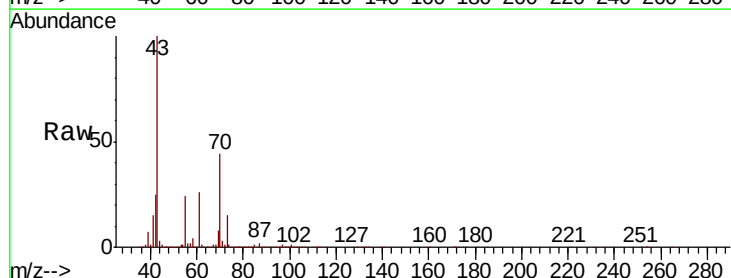
Ion Ratio Lower Upper

43 100

70 45.0 34.1 51.1

55 24.4 17.8 26.8

61 25.2 19.7 29.5

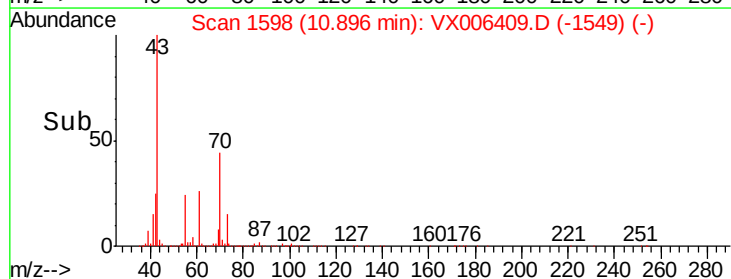
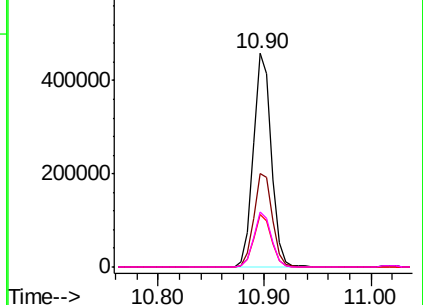


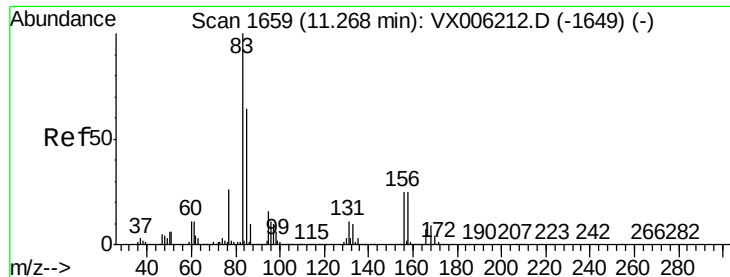
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.699 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

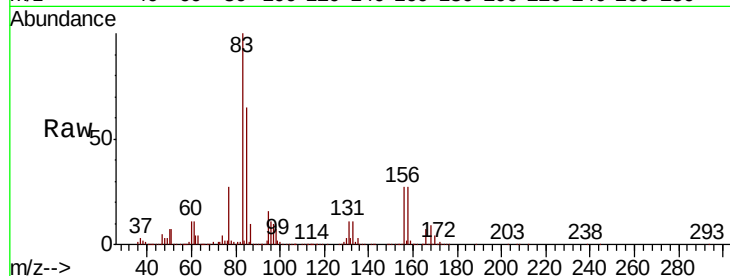
Tot Ion: 83 Resp: 443295

Ion Ratio Lower Upper

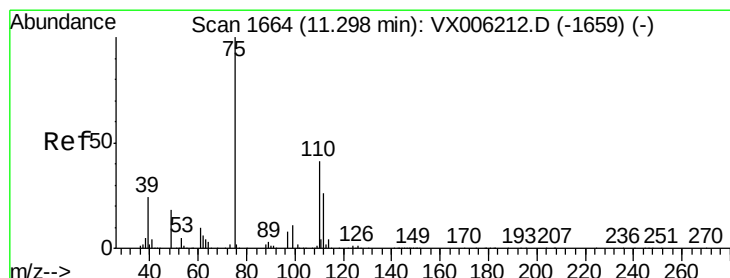
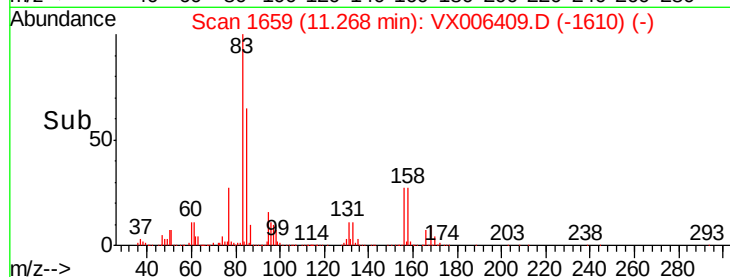
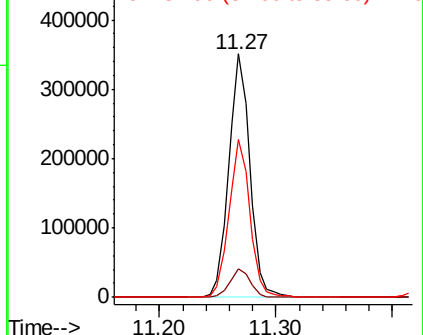
83 100

131 11.5 5.7 17.1

85 64.3 32.1 96.5



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: 62.410 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006409.D

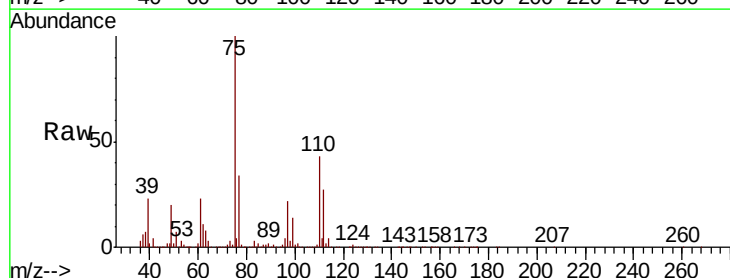
Acq: 11 Dec 2018 09:31

Tgt Ion: 75 Resp: 496313

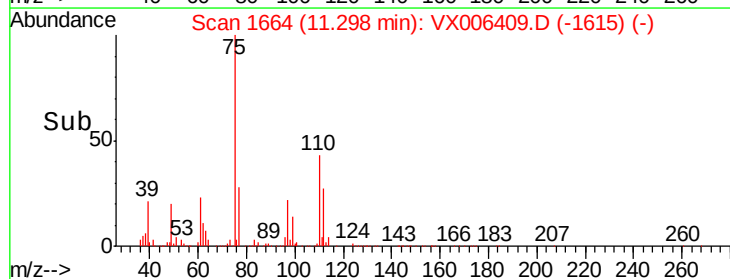
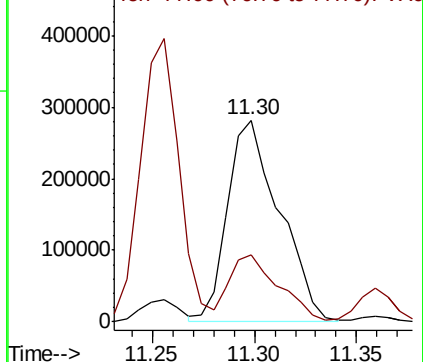
Ion Ratio Lower Upper

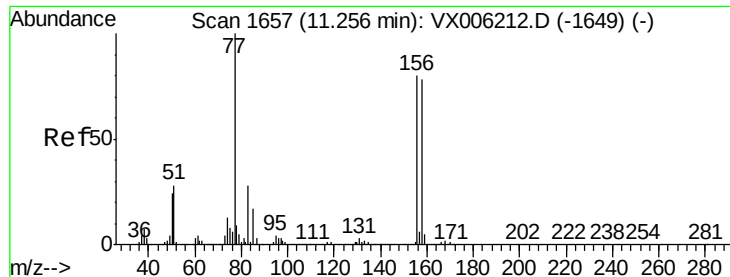
75 100

77 31.6 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.411 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

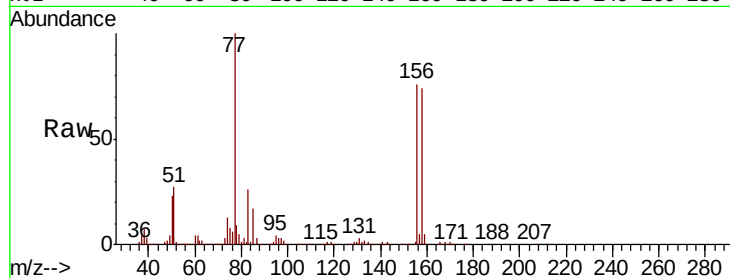
Tot Ion:156 Resp: 382262

Ion Ratio Lower Upper

156 100

77 135.8 66.2 198.6

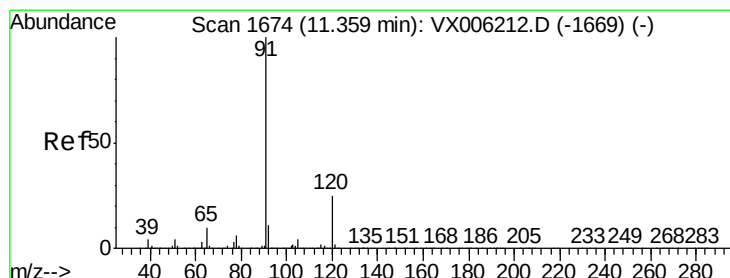
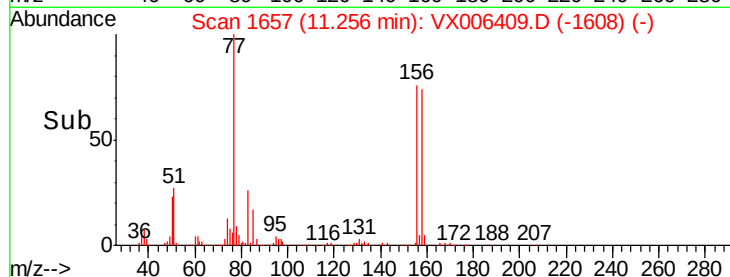
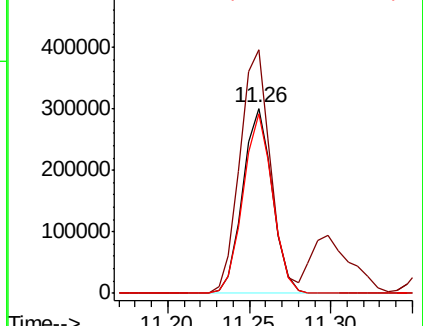
158 97.0 48.8 146.4



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: 49.437 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006409.D

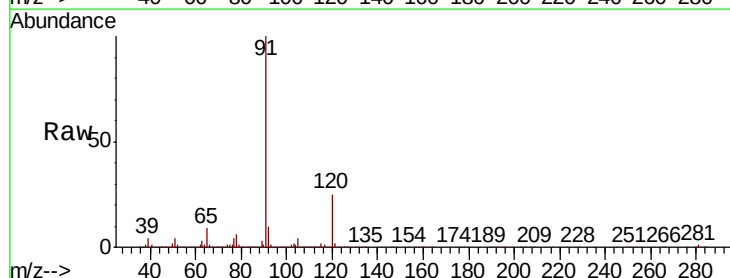
Acq: 11 Dec 2018 09:31

Tgt Ion: 91 Resp: 1563593

Ion Ratio Lower Upper

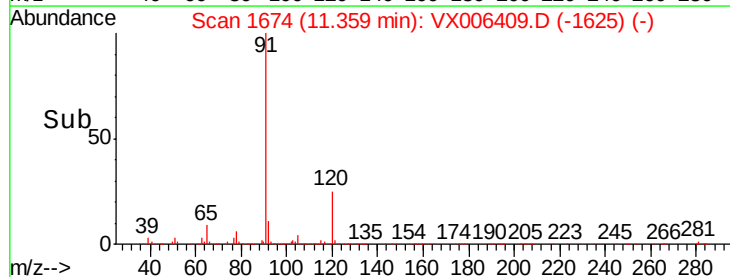
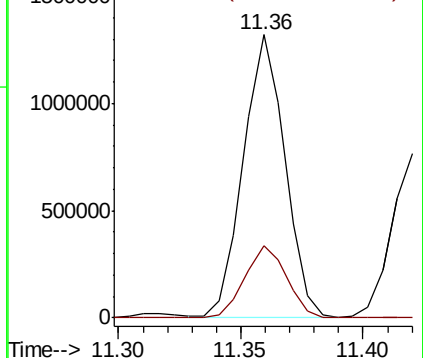
91 100

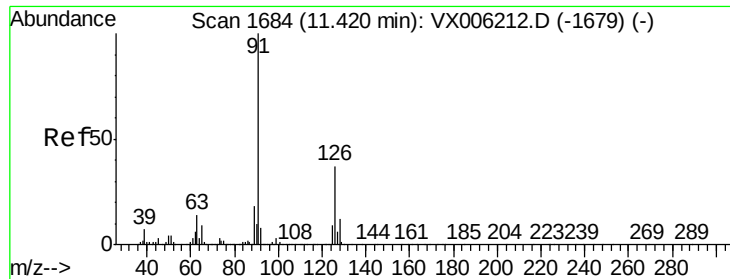
120 25.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

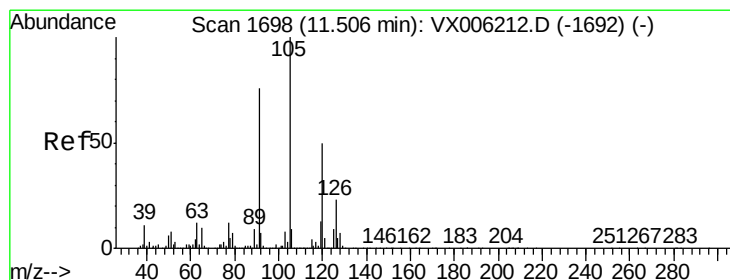
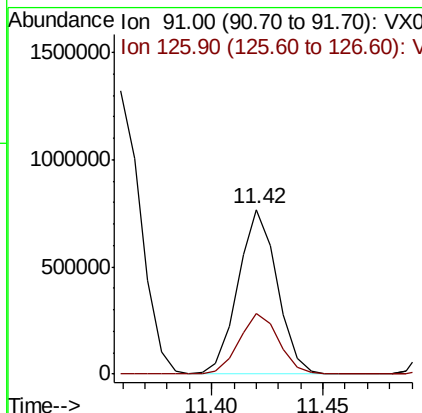
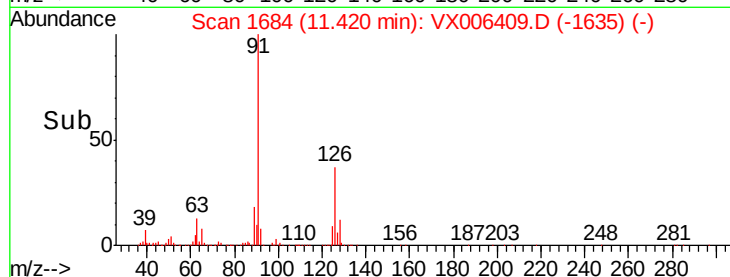
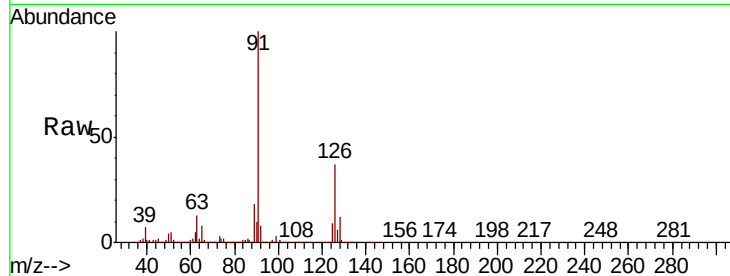




#79
 2-Chlorotoluene
 Concen: 49.740 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

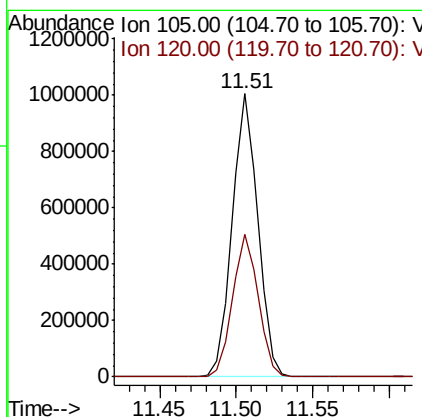
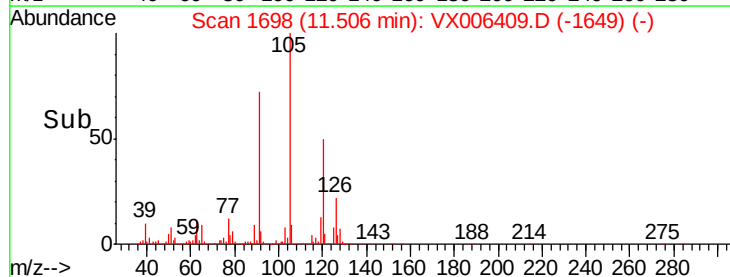
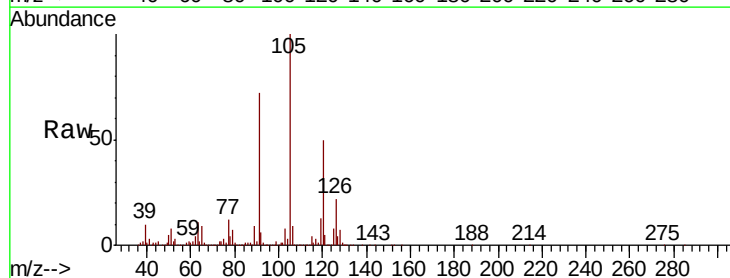
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

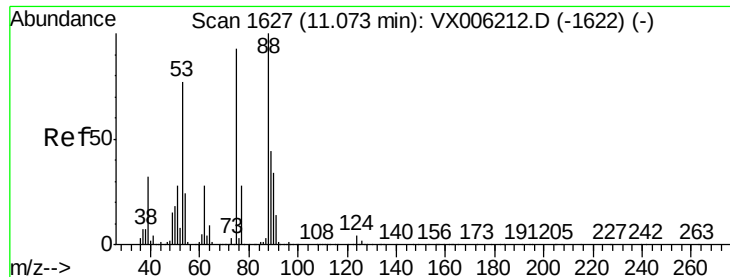
Tot Ion: 91 Resp: 935030
 Ion Ratio Lower Upper
 91 100
 126 37.7 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 49.086 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion: 105 Resp: 1162046
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.4 76.0

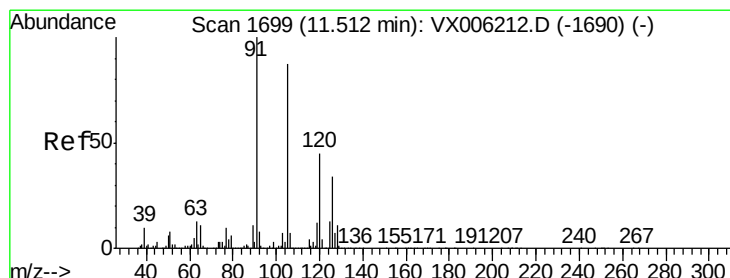
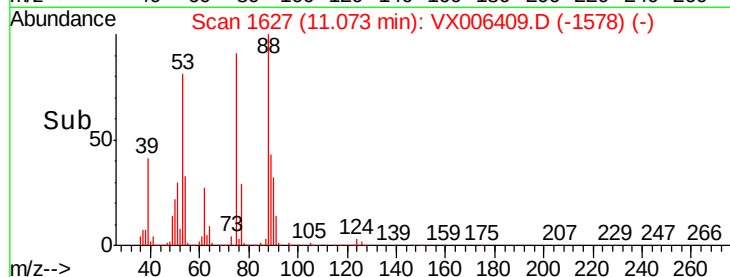
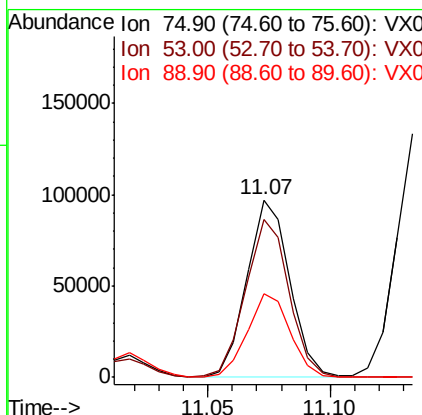
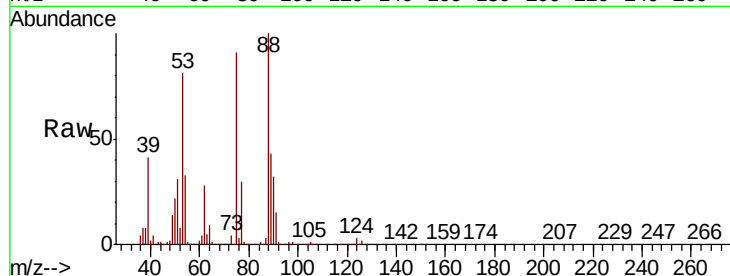




#81
trans-1,4-Dichloro-2-butene
Concen: 34.989 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

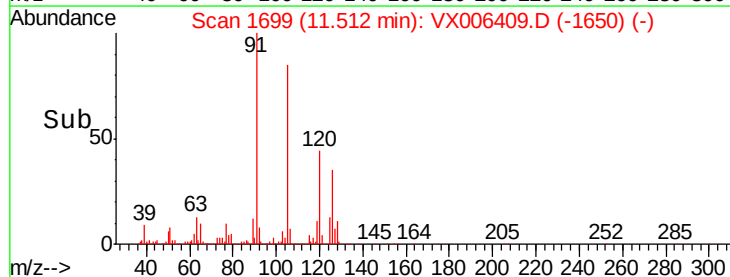
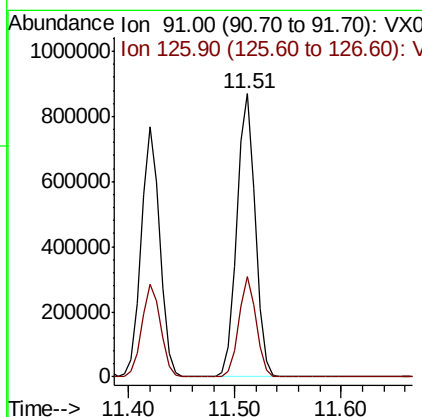
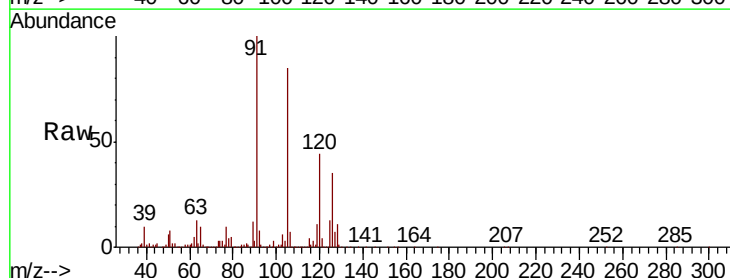
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

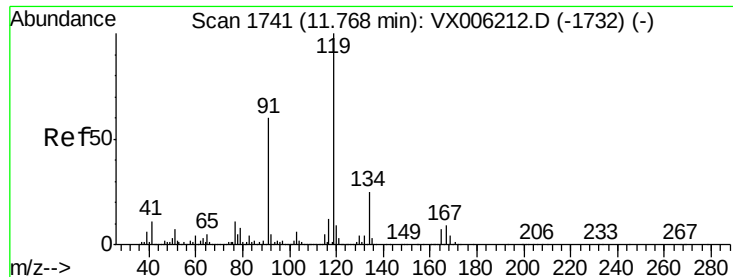
Tot Ion: 75 Resp: 118568
Ion Ratio Lower Upper
75 100
53 90.1 64.4 96.6
89 47.1 44.2 66.4



#82
4-Chlorotoluene
Concen: 48.540 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion: 91 Resp: 1060912
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.4

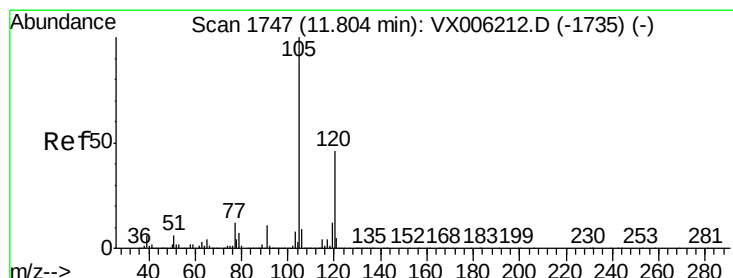
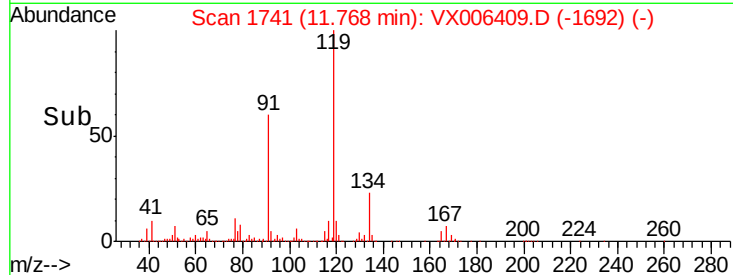
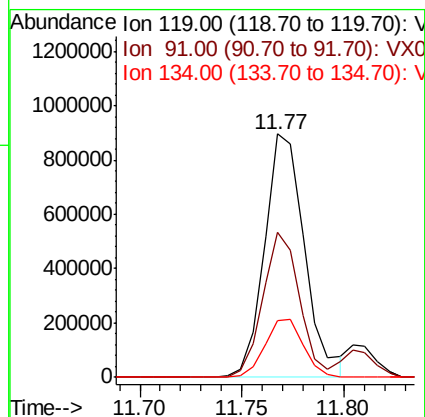
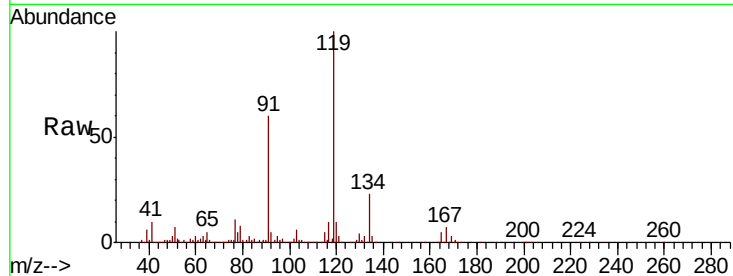




#83
tert-Butylbenzene
Concen: 48.482 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

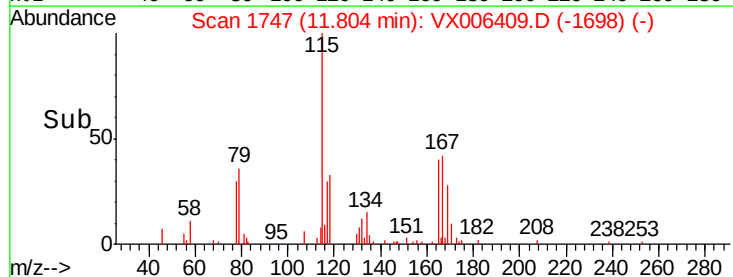
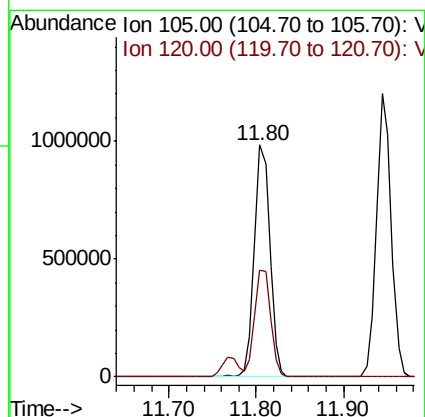
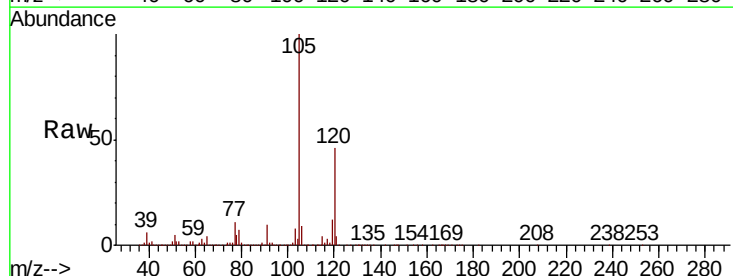
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

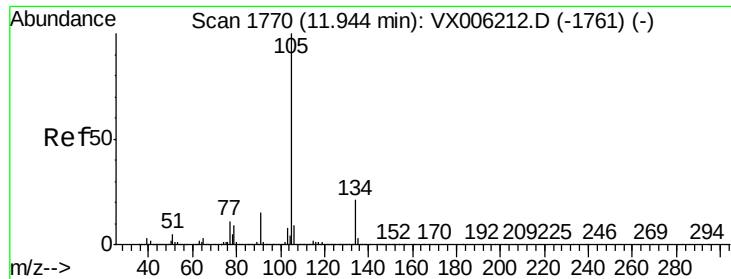
Tot Ion:119 Resp: 1224598
Ion Ratio Lower Upper
119 100
91 54.7 26.4 79.2
134 23.2 11.6 34.7



#84
1,2,4-Trimethylbenzene
Concen: 49.624 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion:105 Resp: 1213074
Ion Ratio Lower Upper
105 100
120 46.7 23.4 70.0





#85

sec-Butylbenzene

Concen: 49.623 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

Instrument :

MSVOA_X

ClientSampleId :

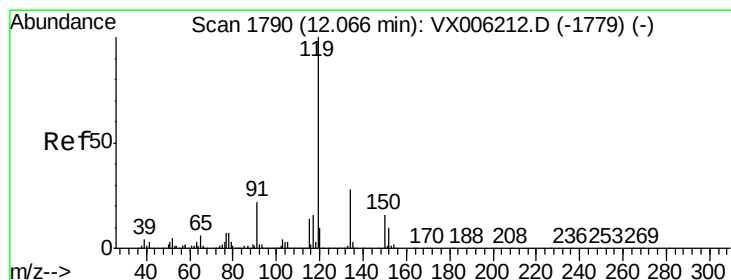
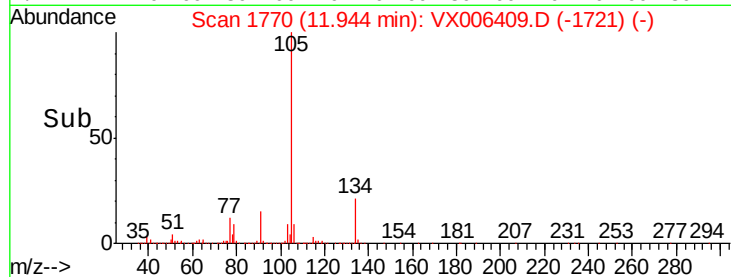
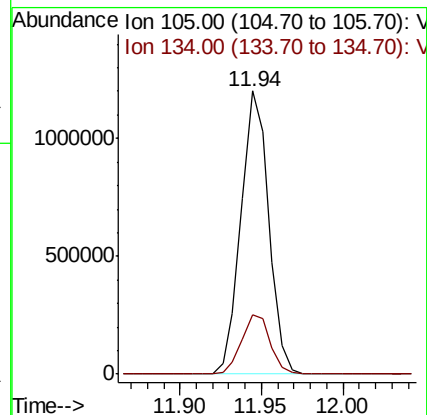
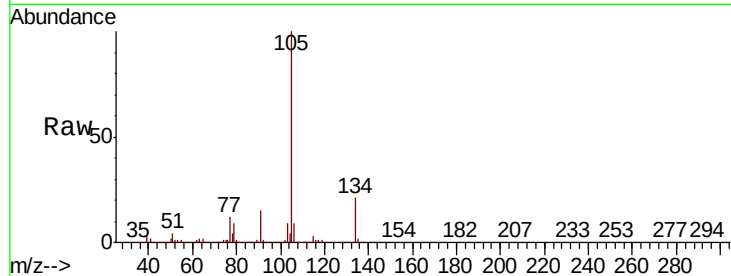
VSTDCCC050EC

Tot Ion:105 Resp: 1425942

Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.4



#86

p-Isopropyltoluene

Concen: 49.385 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006409.D

Acq: 11 Dec 2018 09:31

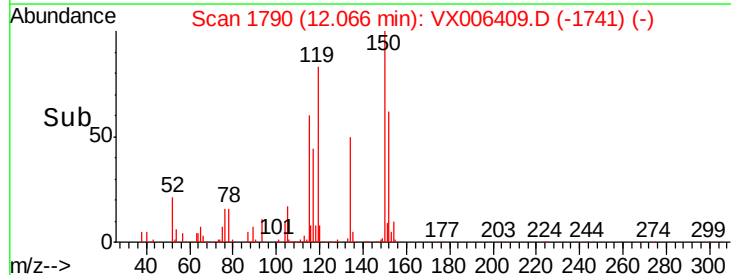
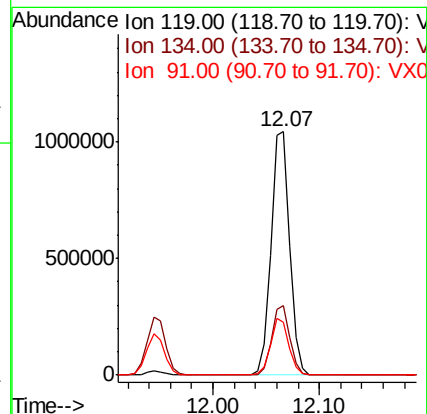
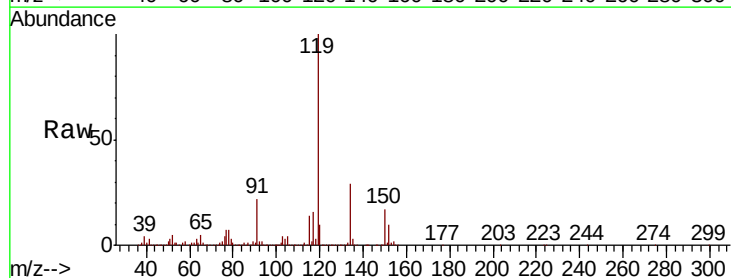
Tgt Ion:119 Resp: 1277863

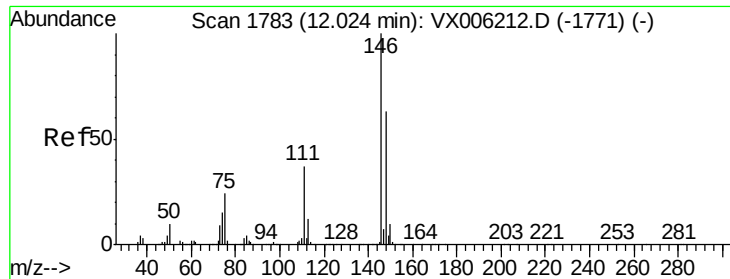
Ion Ratio Lower Upper

119 100

134 27.9 13.9 41.6

91 22.6 11.3 33.8

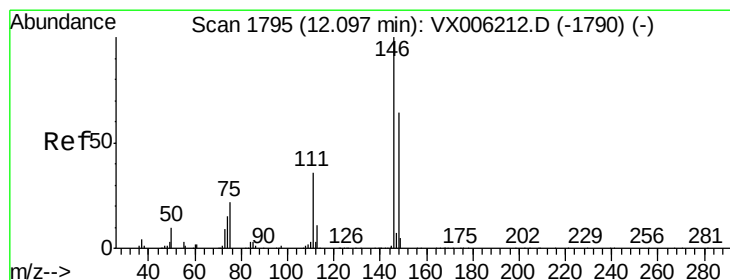
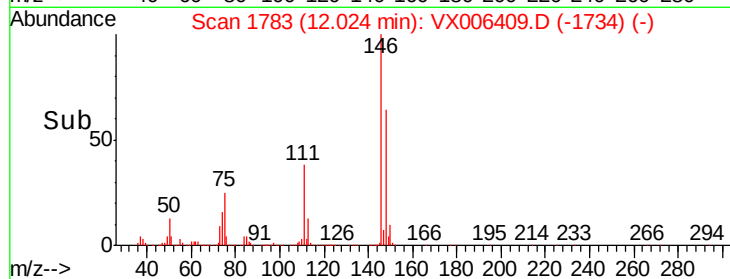
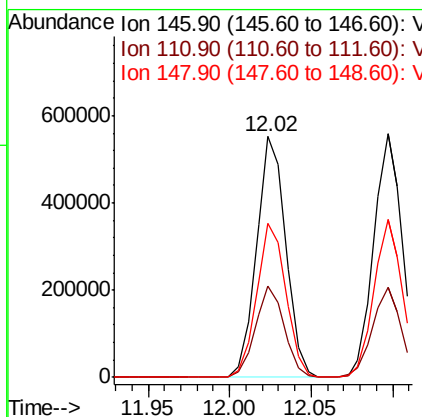
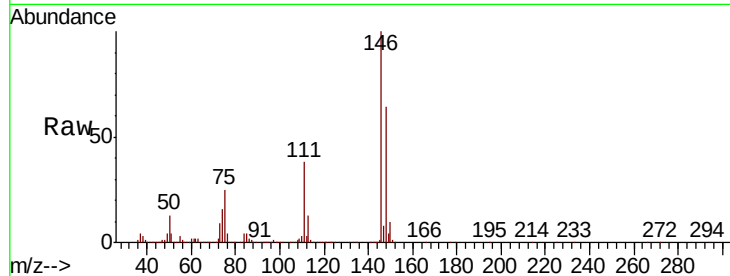




#87
 1,3-Dichlorobenzene
 Concen: 48.920 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

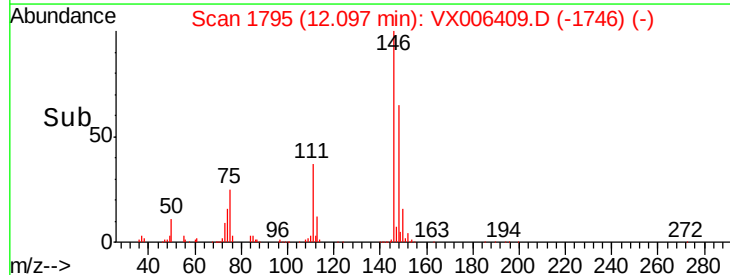
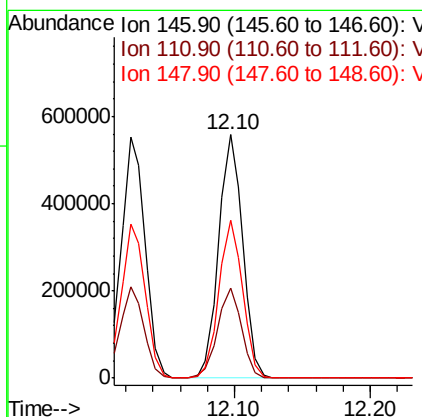
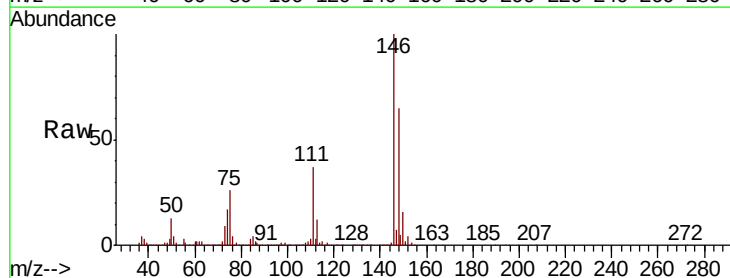
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

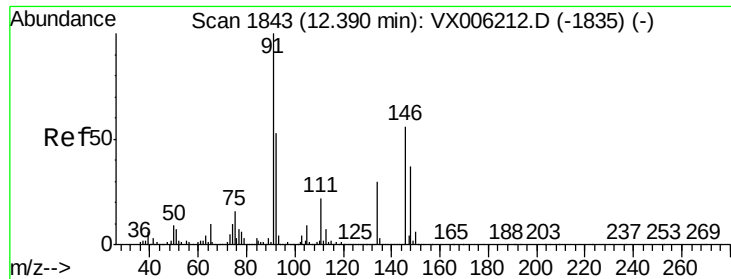
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.2
148	63.9	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 47.847 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.3	54.8
148	64.1	31.9	95.9

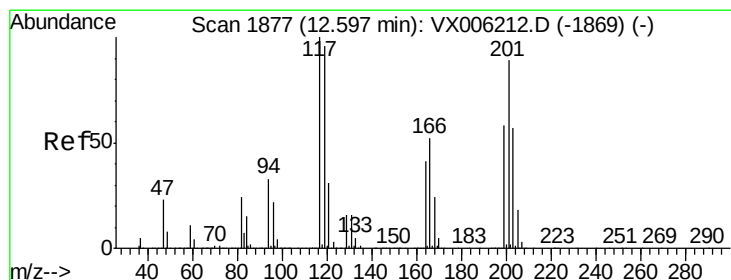
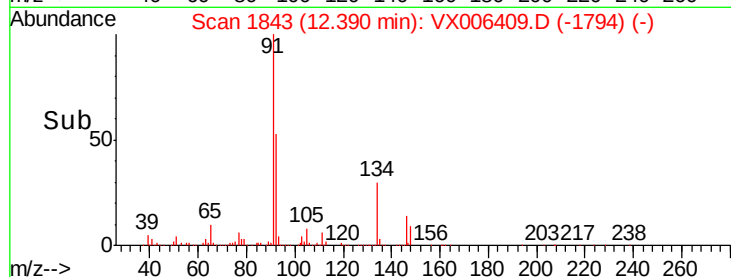
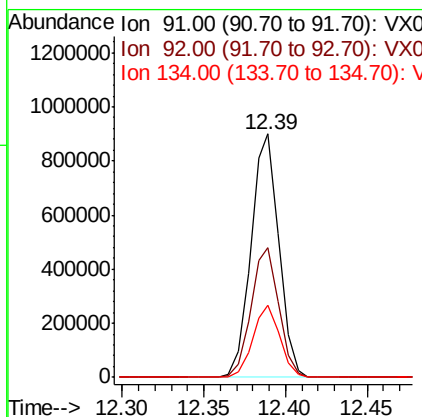
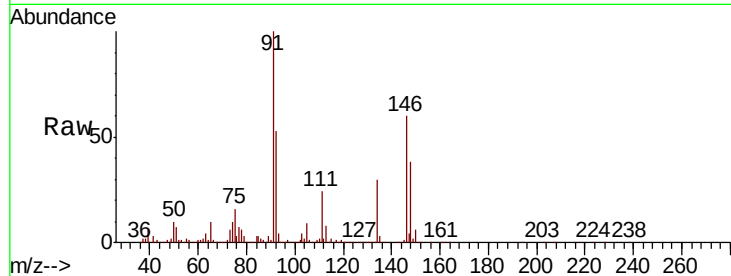




#89
n-Butylbenzene
Concen: 48.411 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

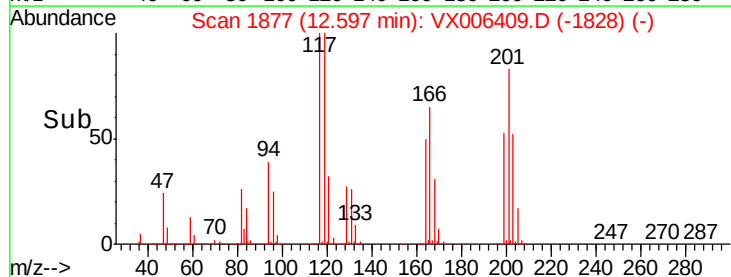
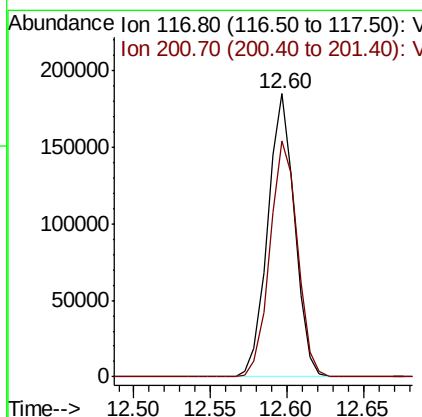
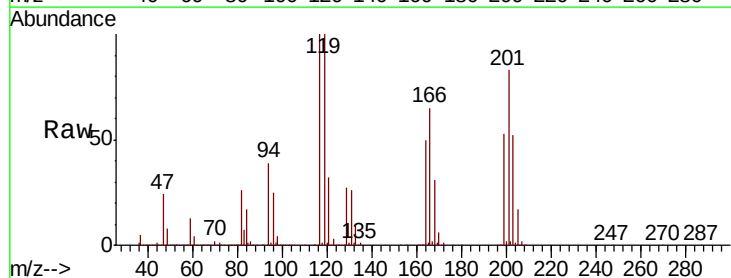
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

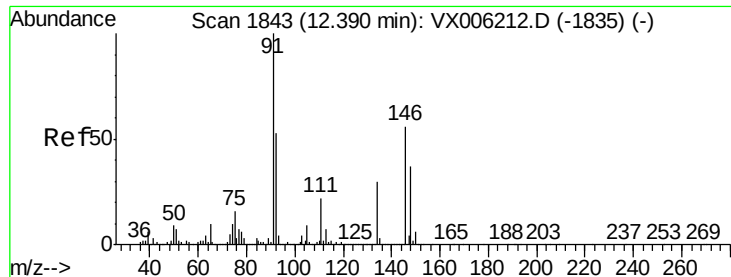
Tot Ion: 91 Resp: 1068824
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.8
134 28.9 14.8 44.3



#90
Hexachloroethane
Concen: 43.190 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion: 117 Resp: 227772
Ion Ratio Lower Upper
117 100
201 85.4 44.7 134.1

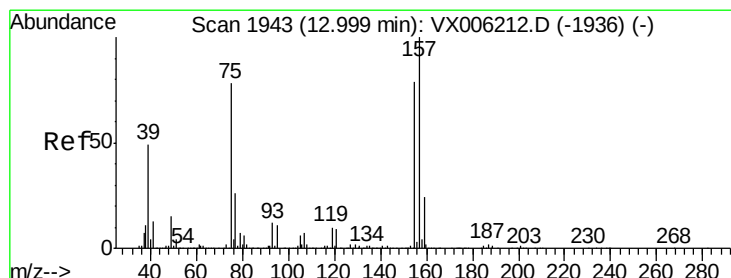
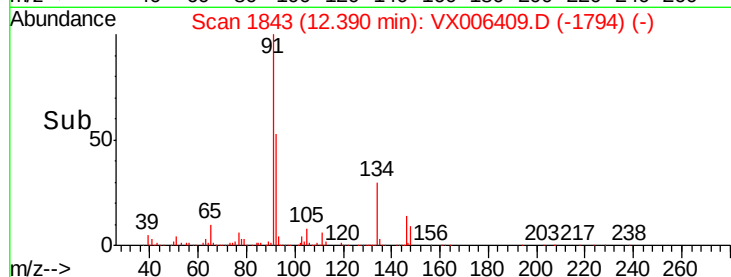
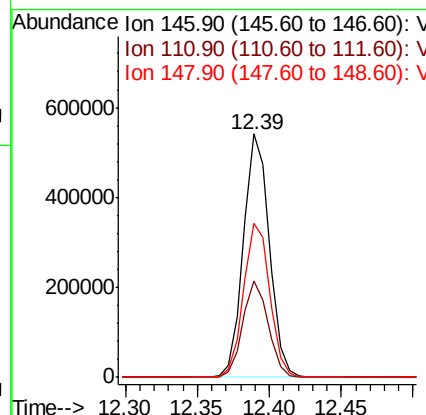
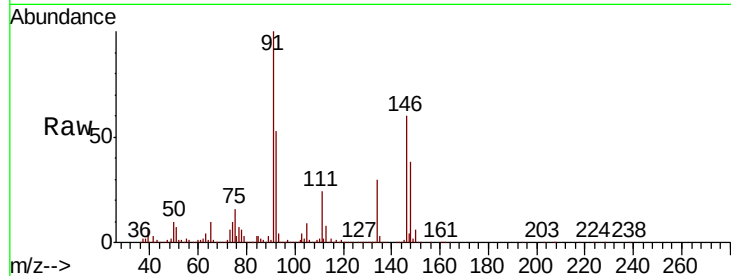




#91
 1,2-Dichlorobenzene
 Concen: 48.388 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

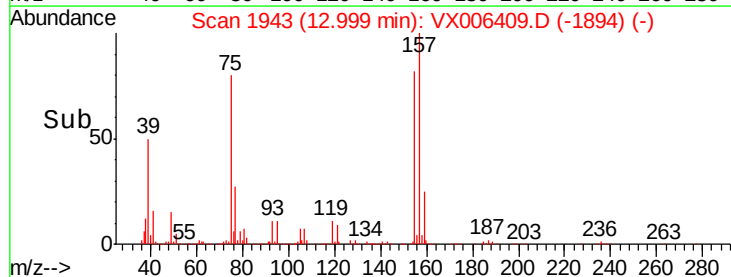
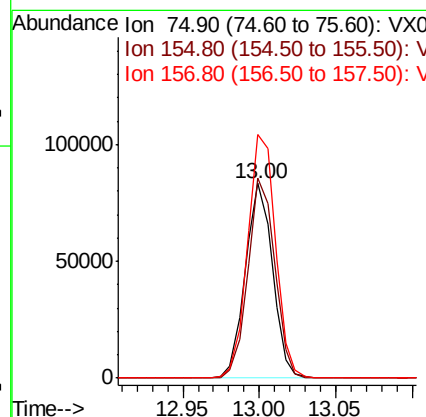
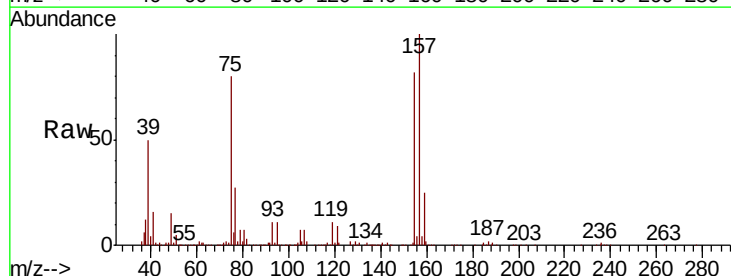
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

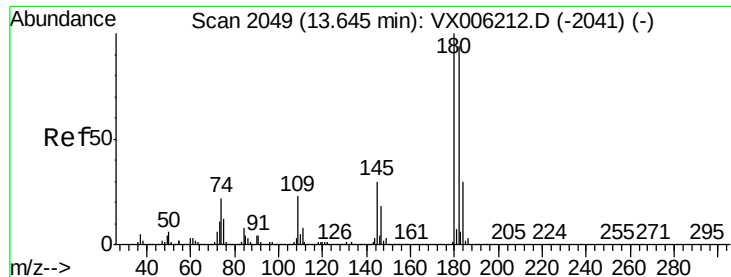
Tot Ion:146 Resp: 674741
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.1 57.3
 148 64.1 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.049 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion: 75 Resp: 102785
 Ion Ratio Lower Upper
 75 100
 155 101.6 53.4 160.3
 157 128.7 68.0 203.8

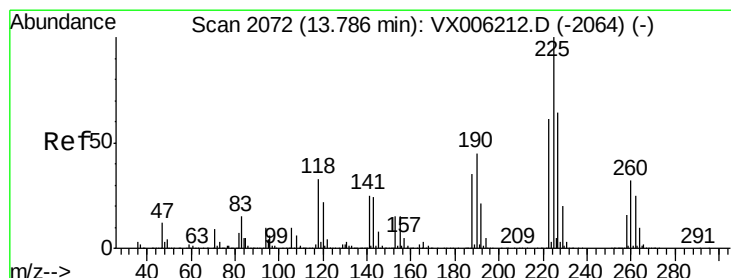
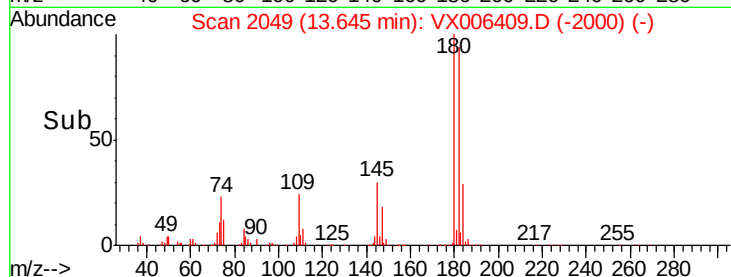
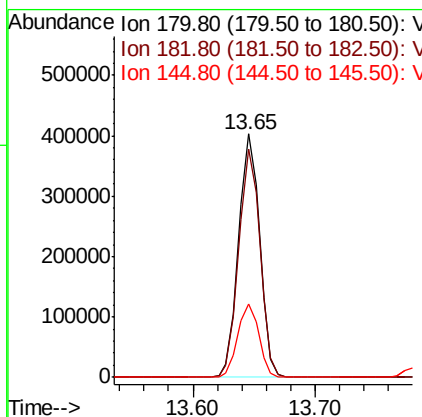
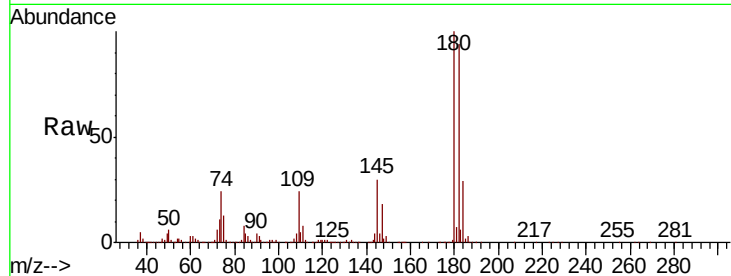




#93
 1,2,4-Trichlorobenzene
 Concen: 47.058 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

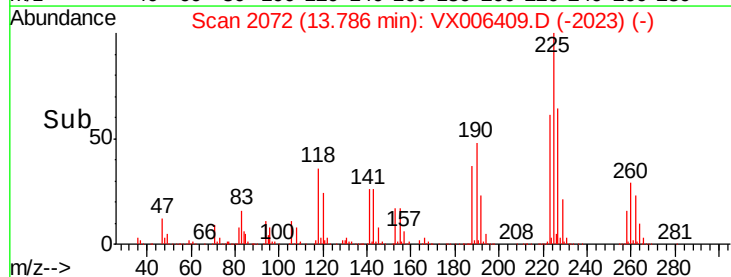
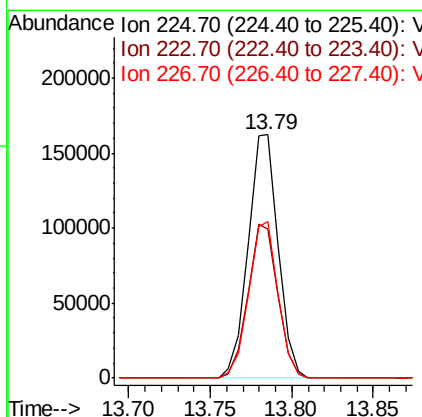
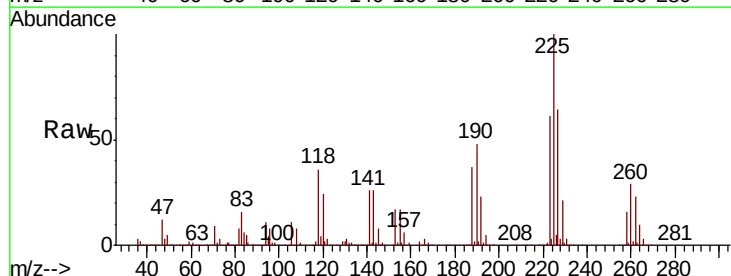
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

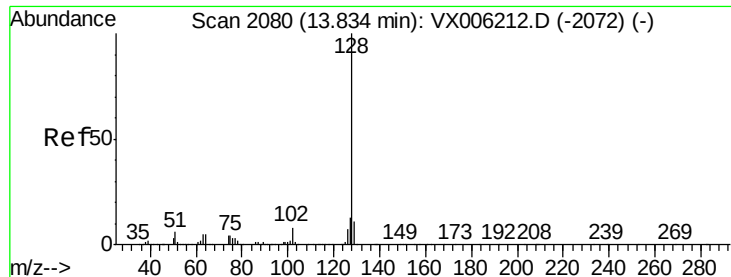
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.9
145	30.1	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 46.440 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006409.D
 Acq: 11 Dec 2018 09:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.2	93.6
227	62.8	31.9	95.5

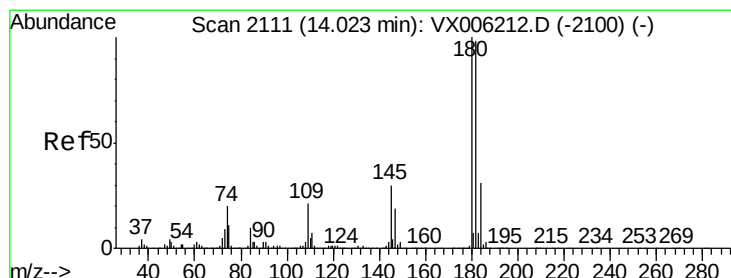
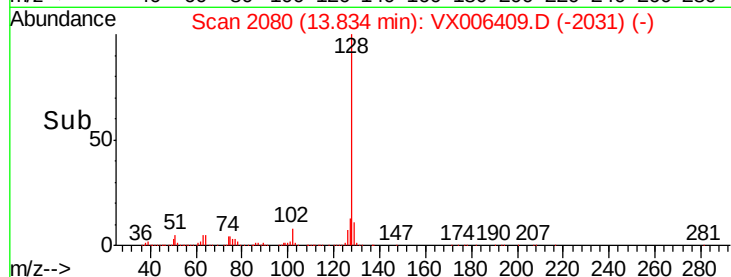
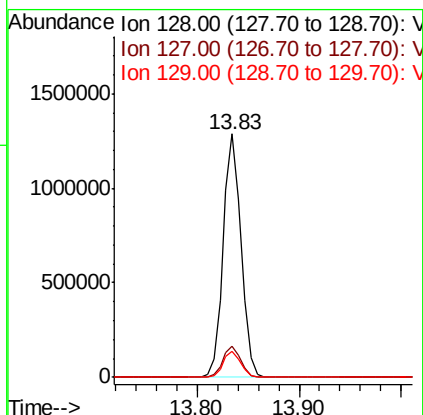
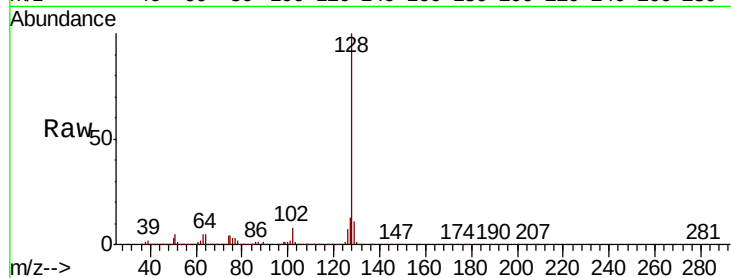




#95
Naphthalene
Concen: 49.538 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1567636
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 48.301 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006409.D
Acq: 11 Dec 2018 09:31

Tgt Ion:180 Resp: 486693
Ion Ratio Lower Upper
180 100
182 94.2 48.4 145.2
145 32.0 15.6 46.8

