

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120718\
 Data File : VX006358.D
 Acq On : 07 Dec 2018 20:05
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 08 00:14:07 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	635326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	975934	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	881209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	454693	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	334898	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	5.50	113	324039	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	8.71	98	1142457	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.13	95	434081	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	314408	50.542	ug/l	99
3) Chloromethane	1.33	50	294484	46.066	ug/l	100
4) Vinyl Chloride	1.41	62	323677	47.045	ug/l	100
5) Bromomethane	1.64	94	268131	56.234	ug/l	99
6) Chloroethane	1.71	64	207963	49.298	ug/l	97
7) Trichlorofluoromethane	1.93	101	513020	48.576	ug/l	98
8) Diethyl Ether	2.19	74	197352	49.375	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	294608	49.058	ug/l	98
10) Methyl Iodide	2.51	142	429427	47.450	ug/l	97
11) Tert butyl alcohol	3.07	59	403768	227.644	ug/l	100
12) 1,1-Dichloroethene	2.37	96	275951	48.001	ug/l	96
13) Acrolein	2.29	56	204238	210.679	ug/l	98
14) Allyl chloride	2.73	41	502044	44.209	ug/l	99
15) Acrylonitrile	3.15	53	886131	239.414	ug/l	100
16) Acetone	2.45	43	729196	239.577	ug/l	97
17) Carbon Disulfide	2.57	76	738261	41.675	ug/l	99
18) Methyl Acetate	2.78	43	503973	49.513	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	1007380	49.121	ug/l	99
20) Methylene Chloride	2.86	84	310337	47.909	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	292438	47.735	ug/l	100
22) Diisopropyl ether	3.87	45	899327	50.701	ug/l	98
23) Vinyl Acetate	3.82	43	3722911	246.078	ug/l	99
24) 1,1-Dichloroethane	3.70	63	523865	51.671	ug/l	99
25) 2-Butanone	4.70	43	1085133	249.864	ug/l	100
26) 2,2-Dichloropropane	4.58	77	425505	45.476	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	352837	51.633	ug/l	97
28) Bromochloromethane	5.02	49	229164	51.748	ug/l	96
29) Tetrahydrofuran	5.15	42	721506	239.043	ug/l	97
30) Chloroform	5.21	83	551859	51.797	ug/l	97
31) Cyclohexane	5.57	56	443614	47.346	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	501846	49.505	ug/l	99
36) 1,1-Dichloropropene	5.80	75	391959	47.693	ug/l	100
37) Ethyl Acetate	4.85	43	423944	46.063	ug/l	99
38) Carbon Tetrachloride	5.78	117	453178	46.873	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	498729	46.751	ug/l	98
40) Benzene	6.14	78	1204707	48.943	ug/l	99
41) Methacrylonitrile	5.06	41	236766	46.752	ug/l	99
42) 1,2-Dichloroethane	6.20	62	404334	50.191	ug/l	100
43) Isopropyl Acetate	6.46	43	696136	45.366	ug/l	99
44) Trichloroethene	7.21	130	362404	48.600	ug/l	100
45) 1,2-Dichloropropane	7.51	63	298512	47.717	ug/l	100
46) Dibromomethane	7.66	93	222207	49.181	ug/l	97
47) Bromodichloromethane	7.90	83	417213	47.684	ug/l	99
48) Methyl methacrylate	7.77	41	341381	45.730	ug/l	97
49) 1,4-Dioxane	7.75	88	174967	950.967	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2096425	234.685	ug/l	99
52) Toluene	8.79	92	790770	48.831	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	466259	45.566	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	496996	46.775	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	331315	50.360	ug/l	99
56) Ethyl methacrylate	9.18	69	493030	47.937	ug/l	98
57) 1,3-Dichloropropane	9.37	76	521785	50.156	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1249568	239.422	ug/l	100
59) 2-Hexanone	9.49	43	1553468	227.622	ug/l	99
60) Dibromochloromethane	9.59	129	379136	46.735	ug/l	99
61) 1,2-Dibromoethane	9.67	107	361030	49.078	ug/l	100
64) Tetrachloroethene	9.34	164	320476	48.291	ug/l	97
65) Chlorobenzene	10.14	112	934751	49.970	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	356101	48.996	ug/l	99
67) Ethyl Benzene	10.25	91	1520746	48.880	ug/l	99
68) m/p-Xylenes	10.36	106	1216996	97.652	ug/l	99
69) o-Xylene	10.70	106	604000	49.066	ug/l	100
70) Styrene	10.71	104	968618	48.650	ug/l	98
71) Bromoform	10.86	173	301911	44.005	ug/l #	100
73) Isopropylbenzene	11.02	105	1595045	50.797	ug/l	100
74) N-amyl acetate	10.90	43	609242	45.057	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	492774	49.053	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	575597	65.585	ug/l	87
77) Bromobenzene	11.26	156	429558	49.294	ug/l	99
78) n-propylbenzene	11.36	91	1751827	50.189	ug/l	100
79) 2-Chlorotoluene	11.42	91	1033325	49.808	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1312543	50.239	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	157710	42.171	ug/l	92
82) 4-Chlorotoluene	11.51	91	1191283	49.389	ug/l	100
83) tert-Butylbenzene	11.77	119	1390095	49.868	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1349041	50.006	ug/l	99
85) sec-Butylbenzene	11.94	105	1619909	51.081	ug/l	100
86) p-Isopropyltoluene	12.06	119	1438182	50.364	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	770767	49.709	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	762217	48.432	ug/l	99
89) n-Butylbenzene	12.39	91	1200163	49.257	ug/l	99
90) Hexachloroethane	12.60	117	271601	46.667	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	755817	49.115	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	112608	43.729	ug/l	96

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QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

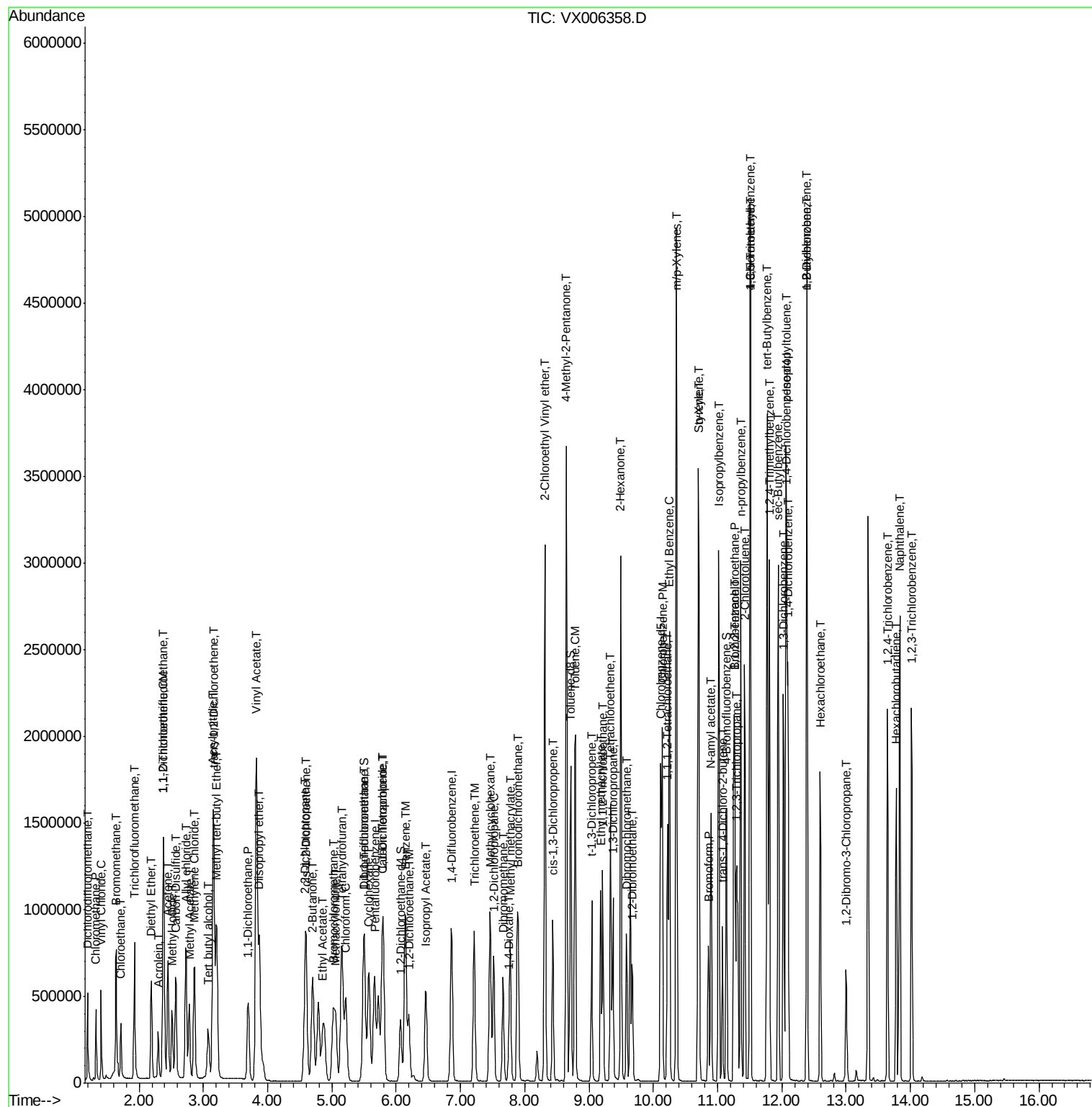
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	545719	48.607	ug/l	99
94) Hexachlorobutadiene	13.78	225	244744	49.293	ug/l	99
95) Naphthalene	13.83	128	1725597	49.411	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	542005	48.741	ug/l	99

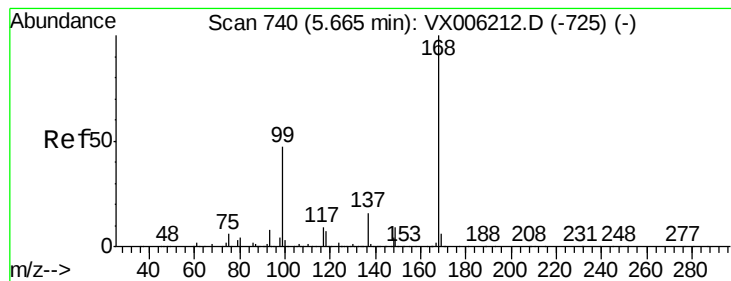
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

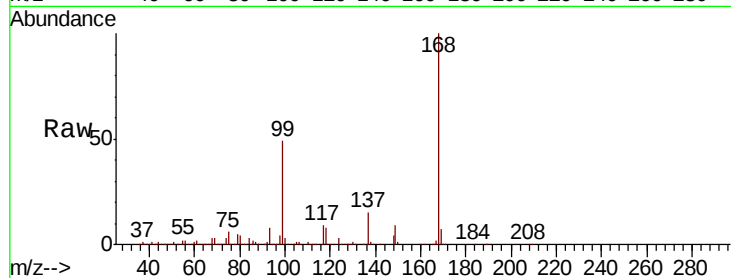
VSTDCCC050EC

Tot Ion:168 Resp: 635326

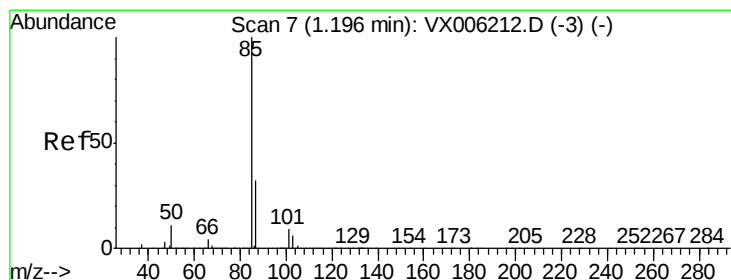
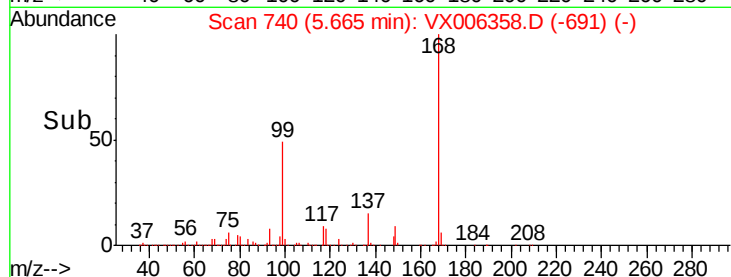
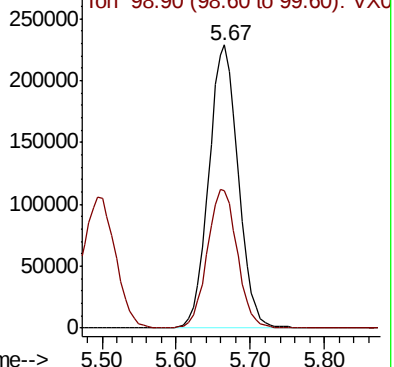
Ion Ratio Lower Upper

168 100

99 48.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006358.D (-691) (-)



#2

Dichlorodifluoromethane

Concen: 50.542 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006358.D

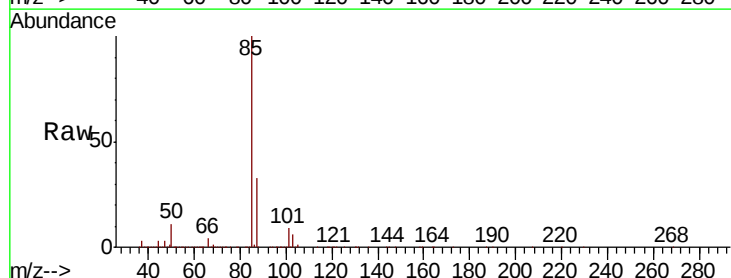
Acq: 07 Dec 2018 20:05

Tgt Ion: 85 Resp: 314408

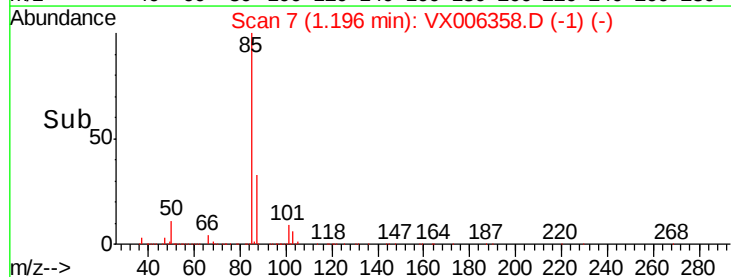
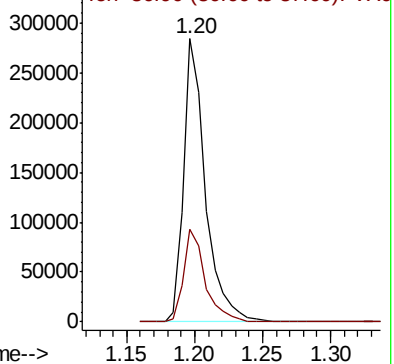
Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX006358.D (-1) (-)





#3

Chloromethane

Concen: 46.066 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

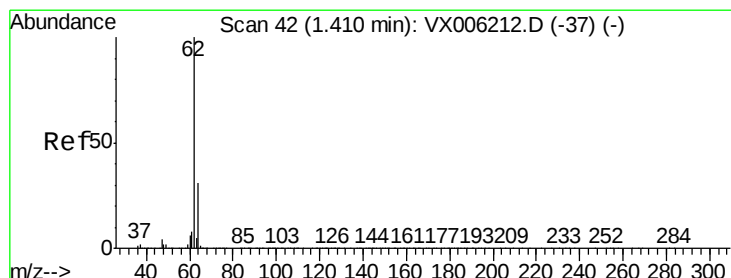
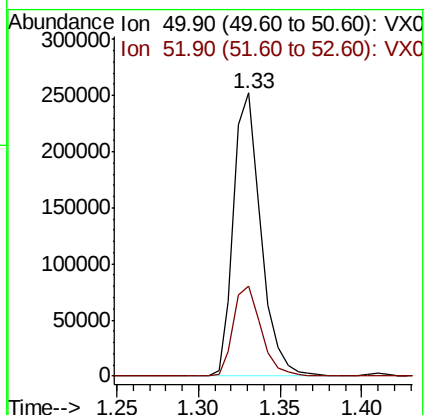
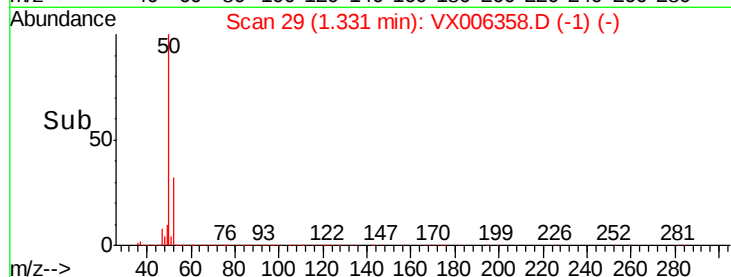
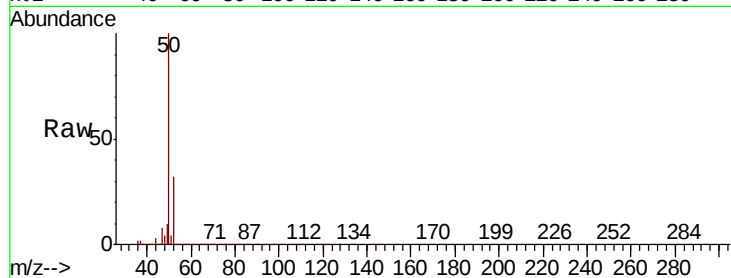
VSTDCCC050EC

Tot Ion: 50 Resp: 294484

Ion Ratio Lower Upper

50 100

52 31.8 25.2 37.8



#4

Vinyl Chloride

Concen: 47.045 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006358.D

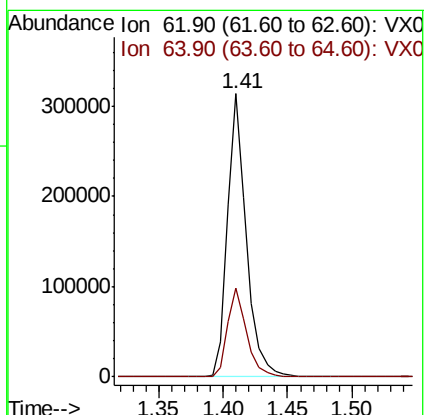
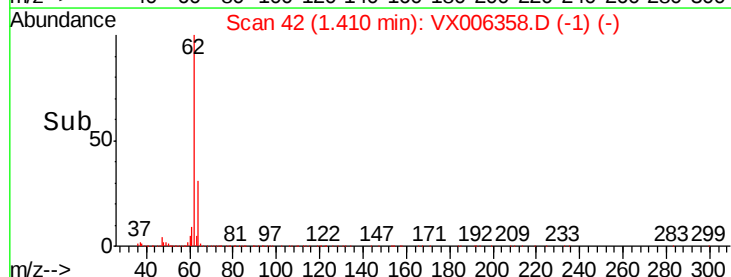
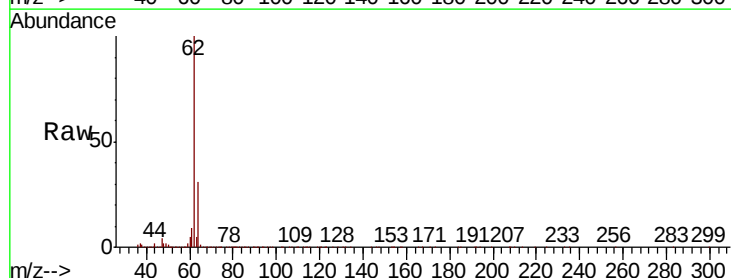
Acq: 07 Dec 2018 20:05

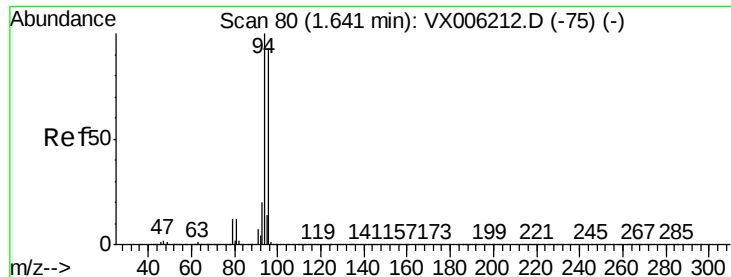
Tgt Ion: 62 Resp: 323677

Ion Ratio Lower Upper

62 100

64 31.2 24.9 37.3





#5

Bromomethane

Concen: 56.234 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

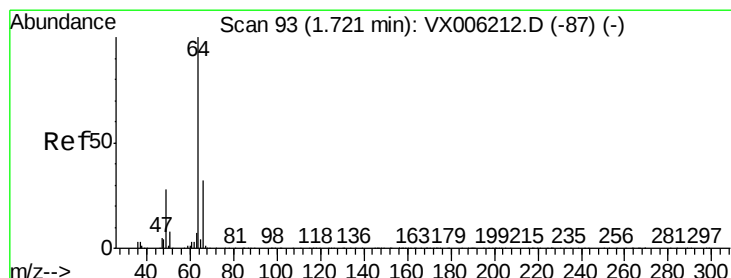
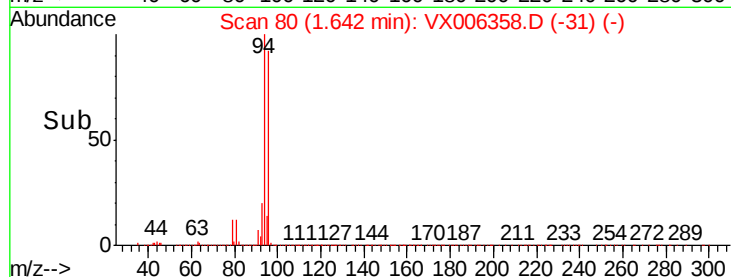
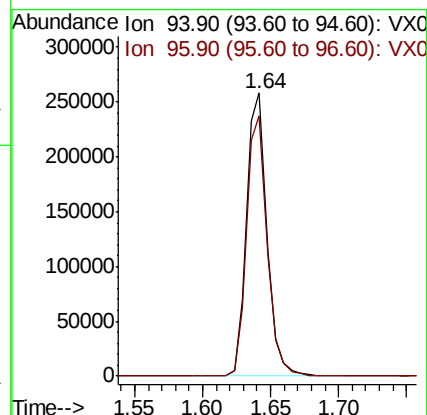
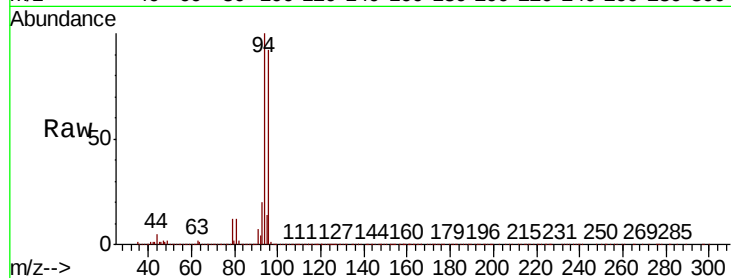
VSTDCCC050EC

Tot Ion: 94 Resp: 268131

Ion Ratio Lower Upper

94 100

96 92.1 74.5 111.7



#6

Chloroethane

Concen: 49.298 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006358.D

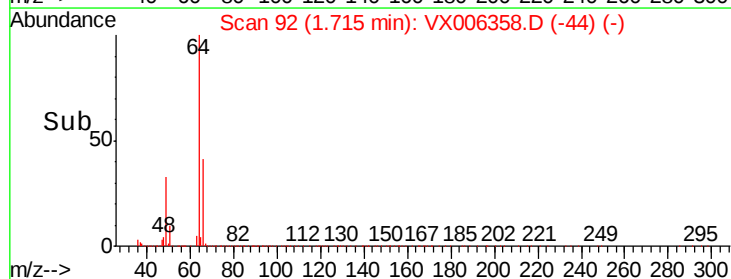
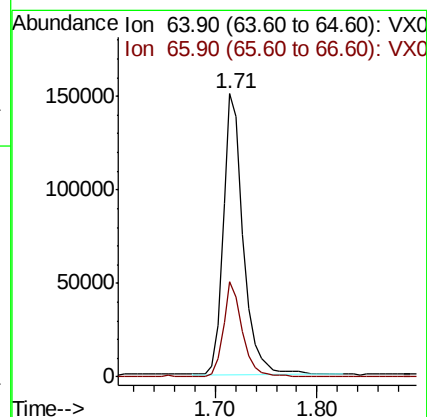
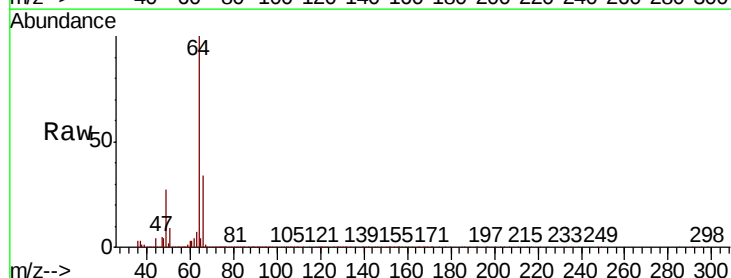
Acq: 07 Dec 2018 20:05

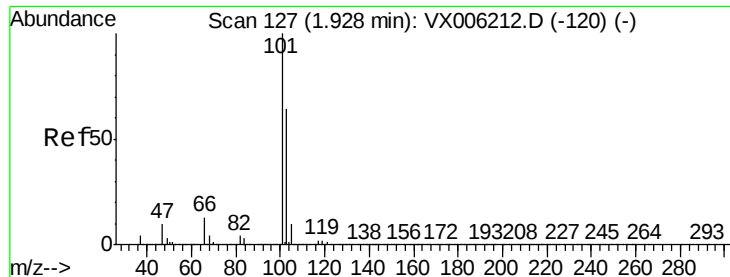
Tgt Ion: 64 Resp: 207963

Ion Ratio Lower Upper

64 100

66 34.0 25.9 38.9



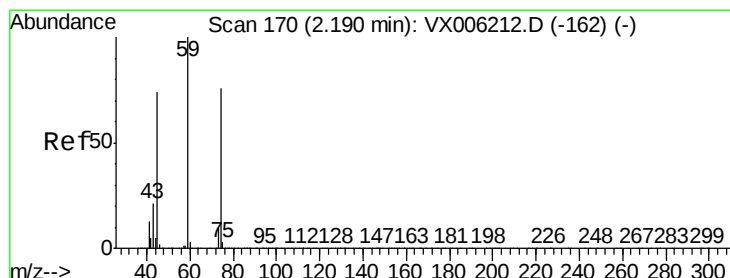
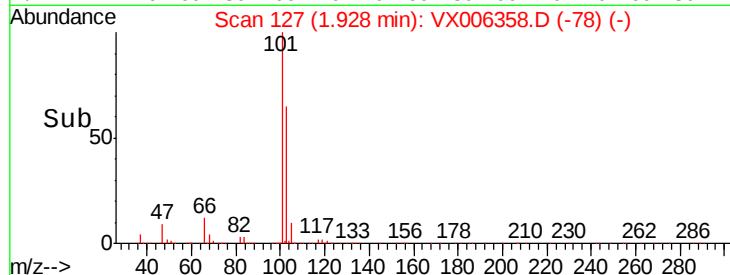
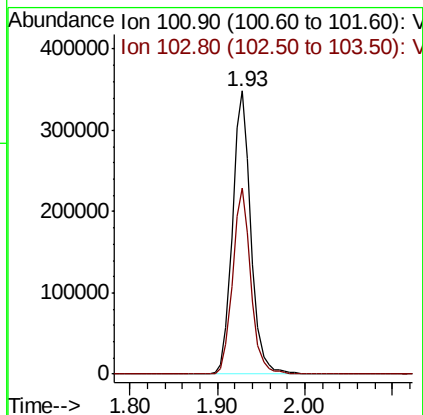
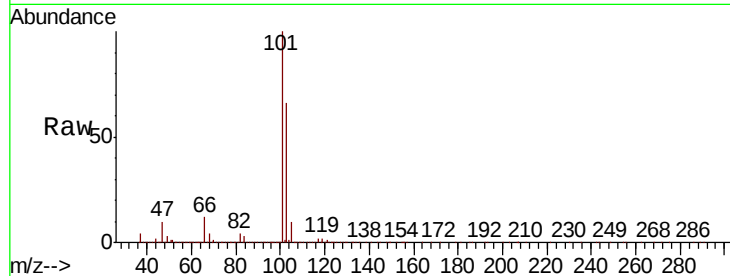


#7

Trichlorofluoromethane
Concen: 48.576 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Instrument :
MSVOA_X
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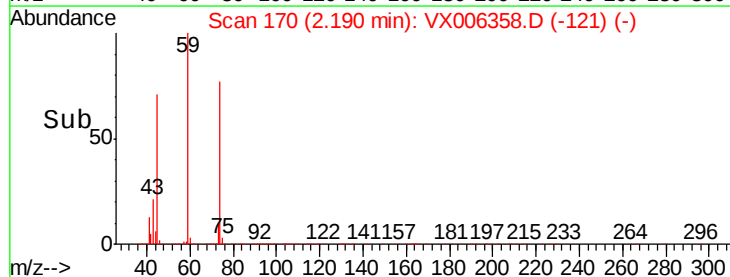
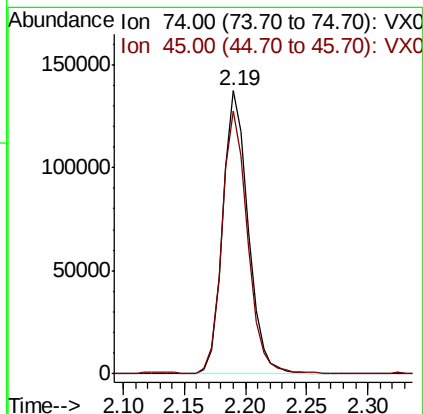
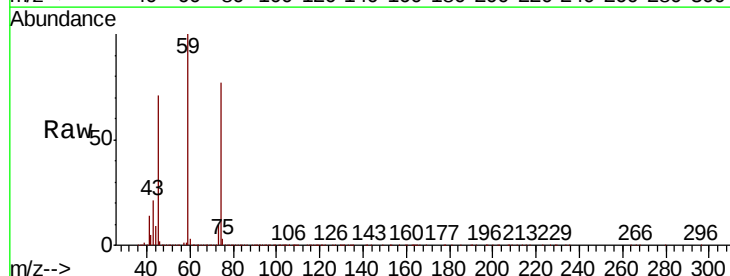
Tot Ion:101 Resp: 513020
Ion Ratio Lower Upper
101 100
103 65.5 51.0 76.4

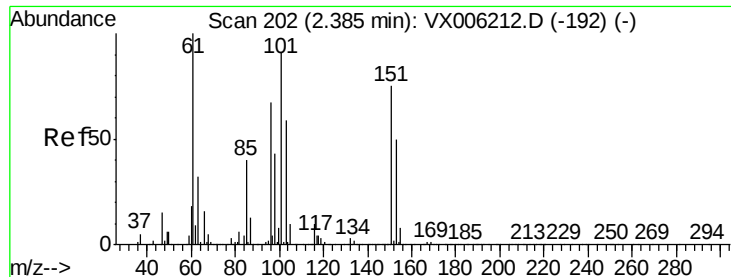


#8

Diethyl Ether
Concen: 49.375 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Tgt Ion: 74 Resp: 197352
Ion Ratio Lower Upper
74 100
45 92.5 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.058 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

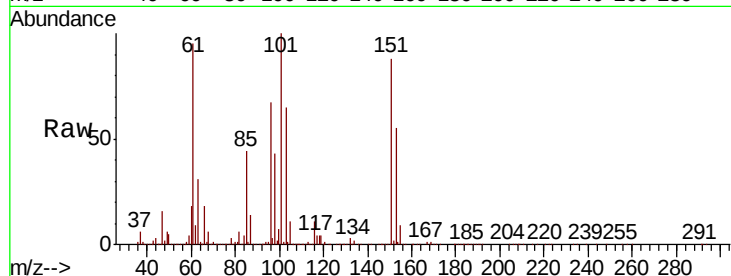
Tot Ion:101 Resp: 294608

Ion Ratio Lower Upper

101 100

85 43.8 35.5 53.3

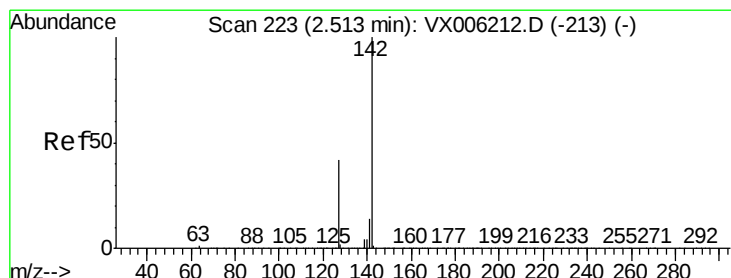
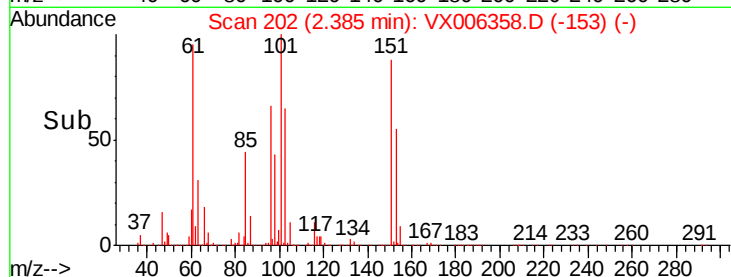
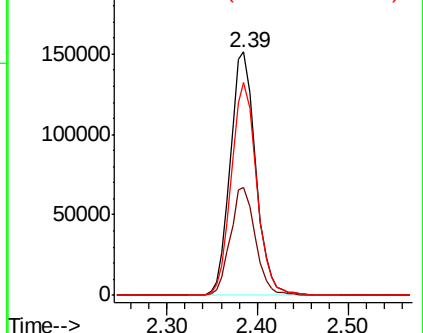
151 87.6 68.6 103.0



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: 47.450 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

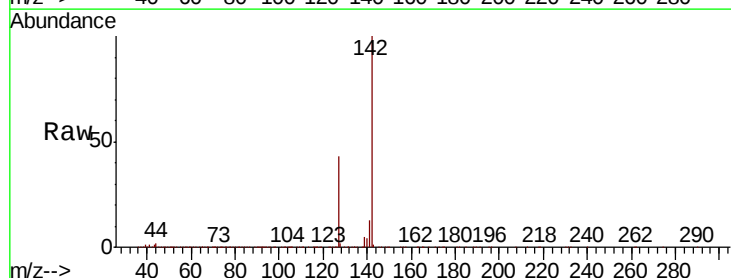
Tgt Ion:142 Resp: 429427

Ion Ratio Lower Upper

142 100

127 41.4 34.8 52.2

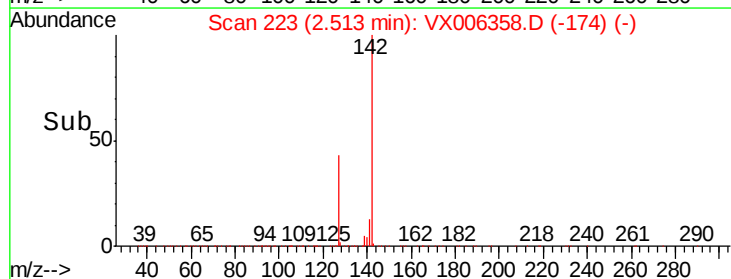
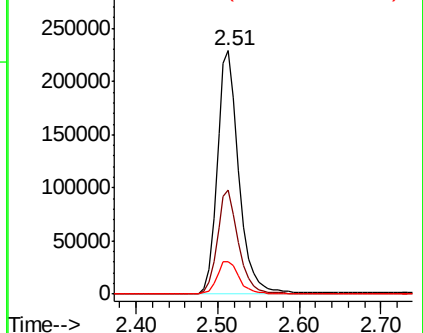
141 13.8 11.4 17.2

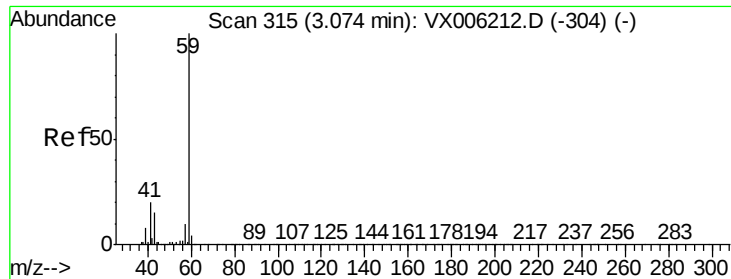


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

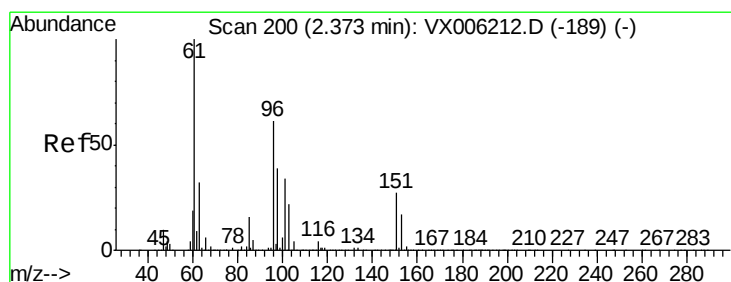
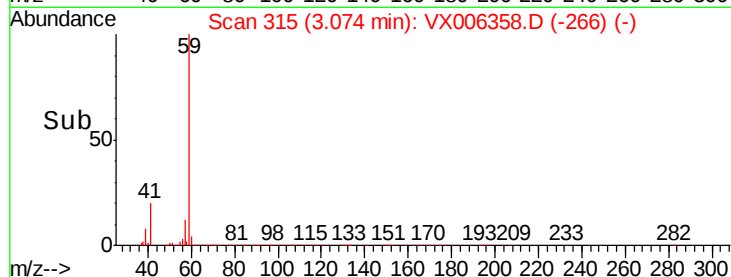
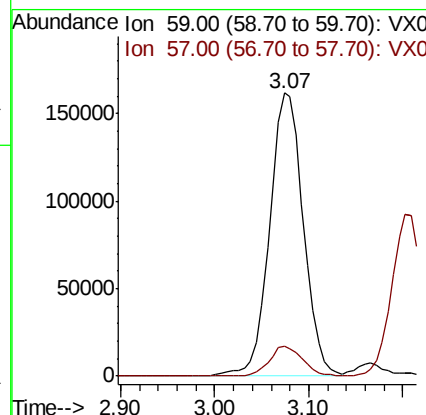
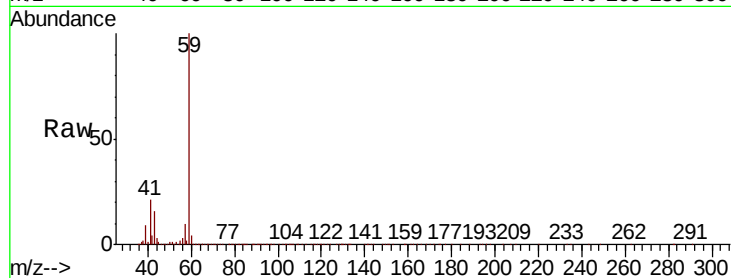




#11
Tert butyl alcohol
Concen: 227.644 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

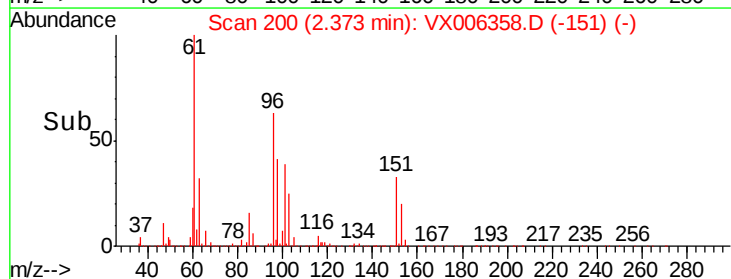
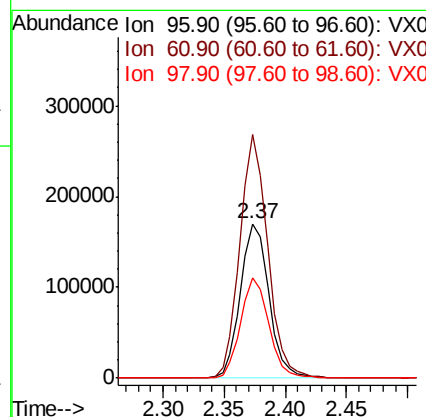
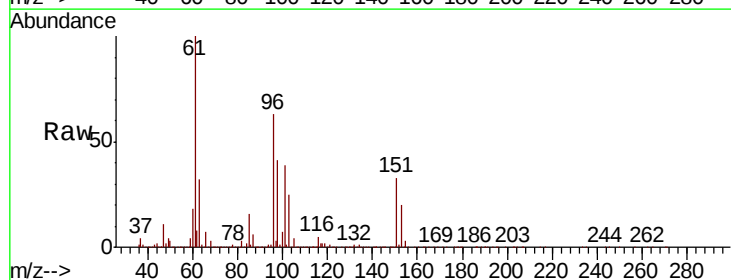
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

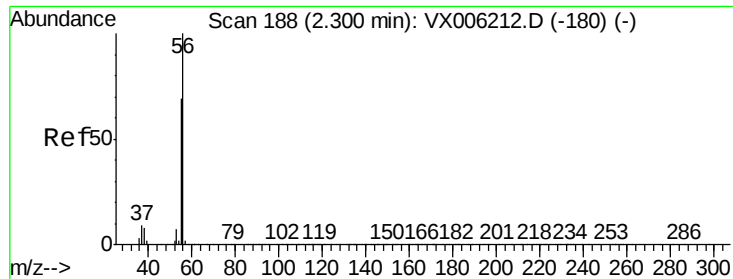
Tot Ion: 59 Resp: 403768
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 48.001 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Tgt Ion: 96 Resp: 275951
Ion Ratio Lower Upper
96 100
61 157.6 131.7 197.5
98 65.1 51.8 77.6





#13

Acrolein

Concen: 210.679 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

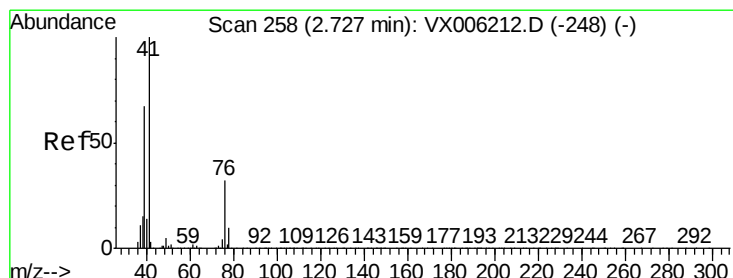
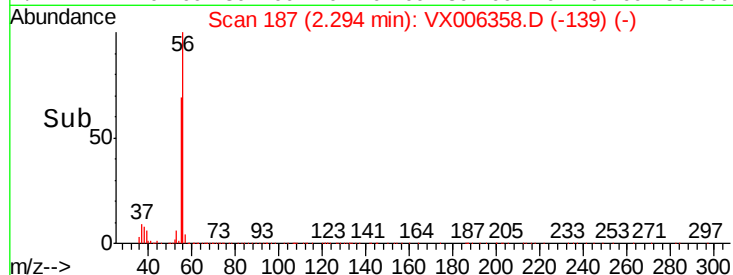
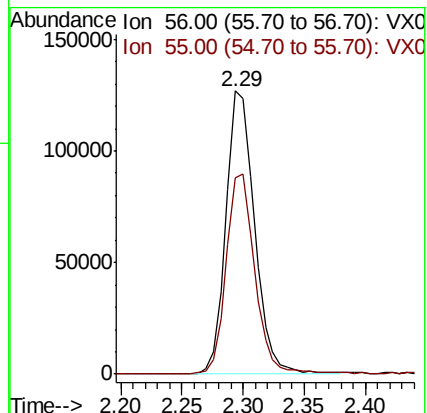
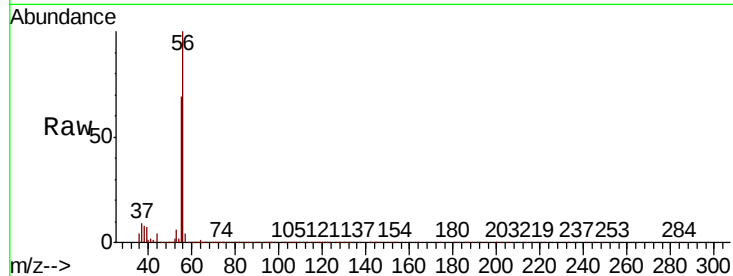
VSTDCCC050EC

Tot Ion: 56 Resp: 204238

Ion Ratio Lower Upper

56 100

55 70.6 57.8 86.6



#14

Allyl chloride

Concen: 44.209 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

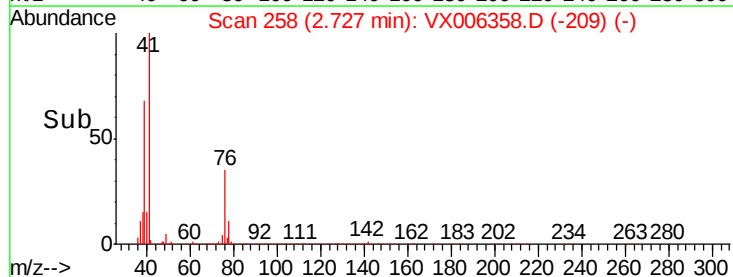
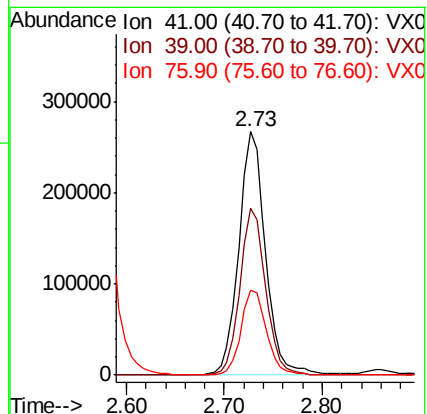
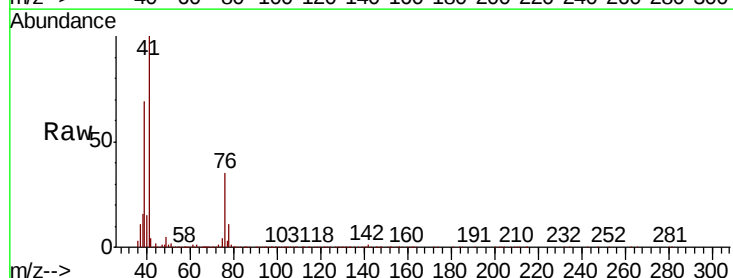
Tgt Ion: 41 Resp: 502044

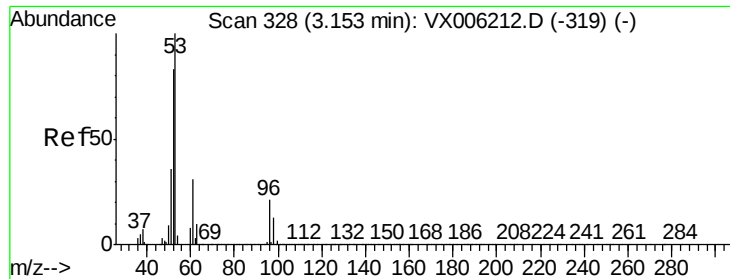
Ion Ratio Lower Upper

41 100

39 66.0 52.4 78.6

76 33.4 25.4 38.0





#15

Acrylonitrile

Concen: 239.414 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

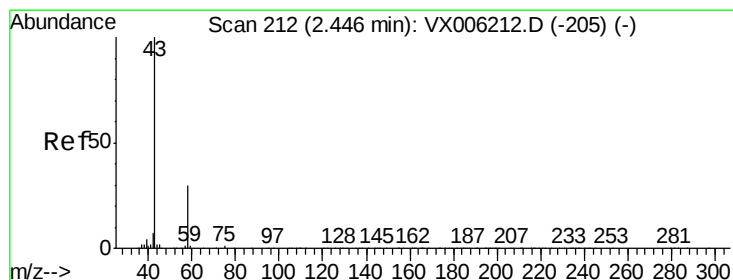
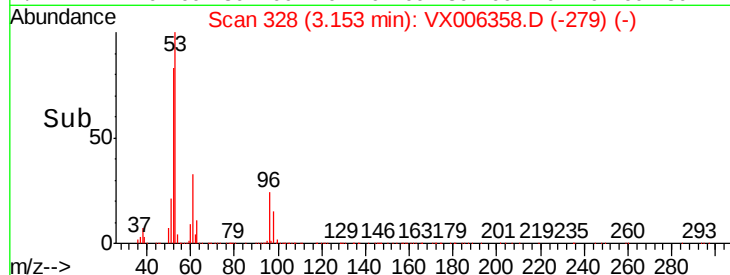
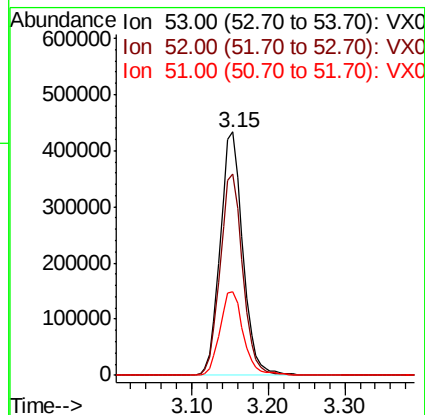
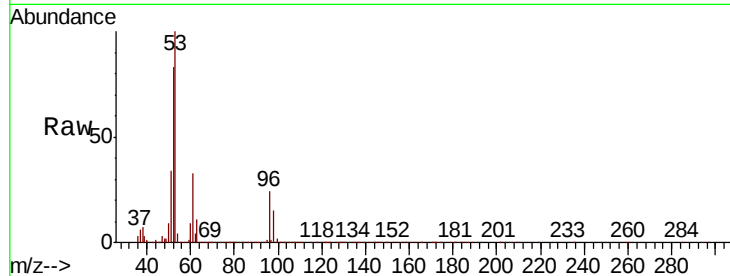
Tot Ion: 53 Resp: 886131

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.4

51 35.8 28.7 43.1



#16

Acetone

Concen: 239.577 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006358.D

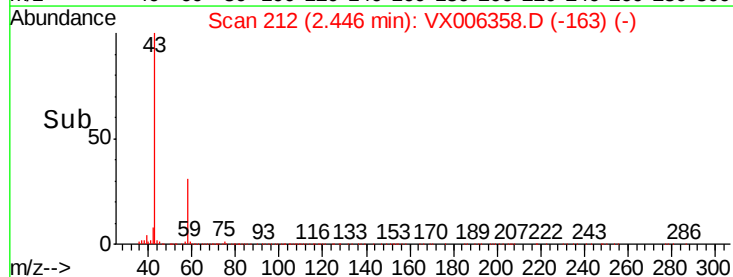
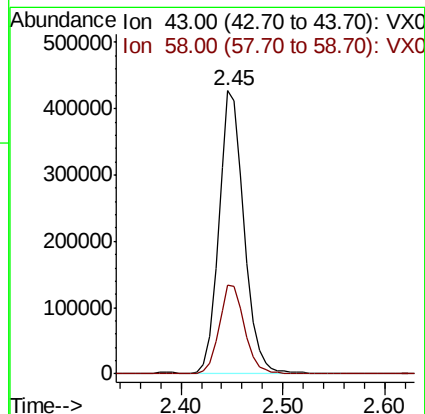
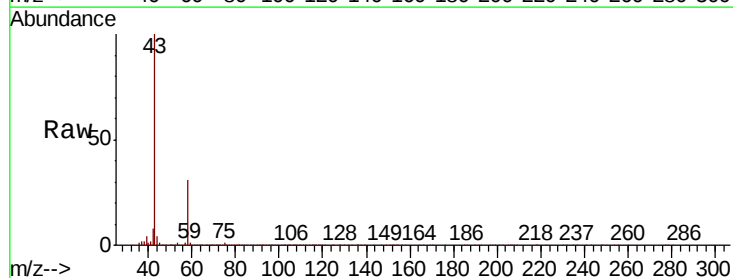
Acq: 07 Dec 2018 20:05

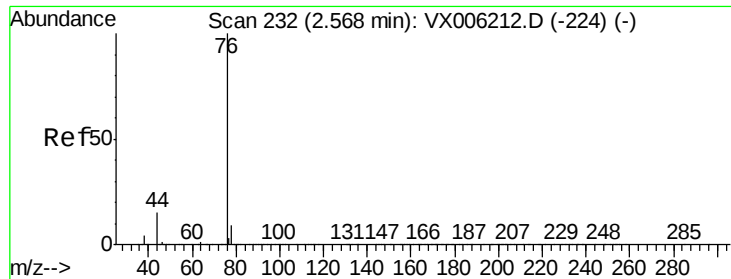
Tgt Ion: 43 Resp: 729196

Ion Ratio Lower Upper

43 100

58 31.4 24.0 36.0





#17

Carbon Disulfide

Concen: 41.675 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

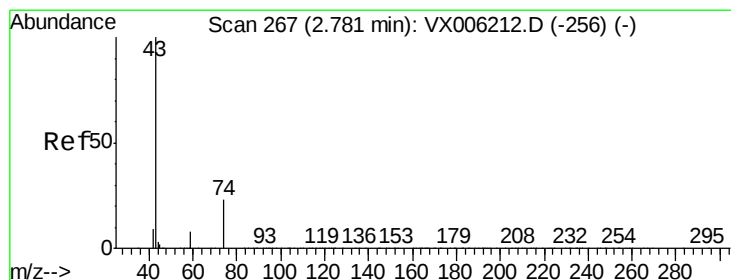
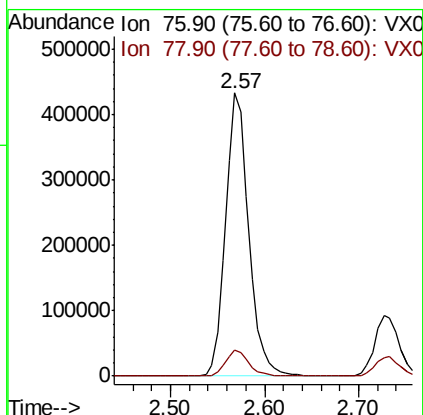
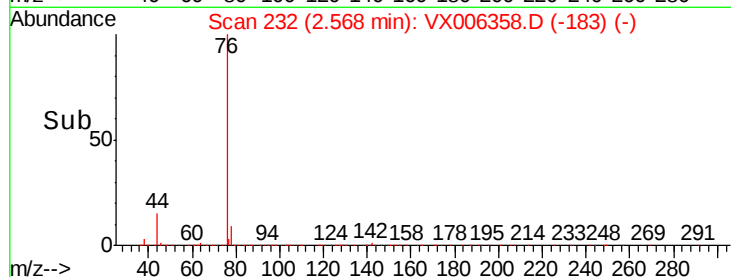
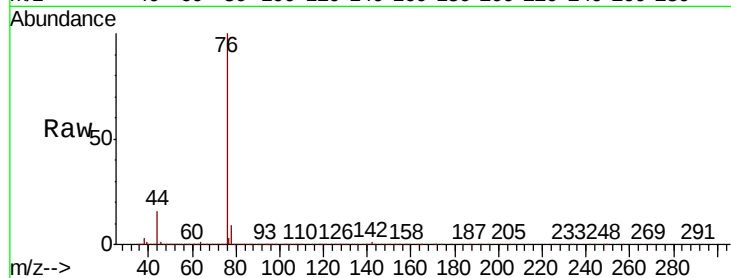
VSTDCCC050EC

Tot Ion: 76 Resp: 738261

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



#18

Methyl Acetate

Concen: 49.513 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006358.D

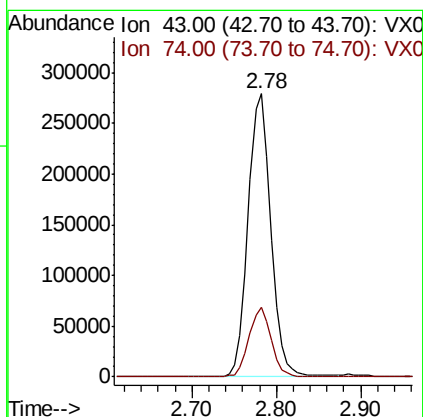
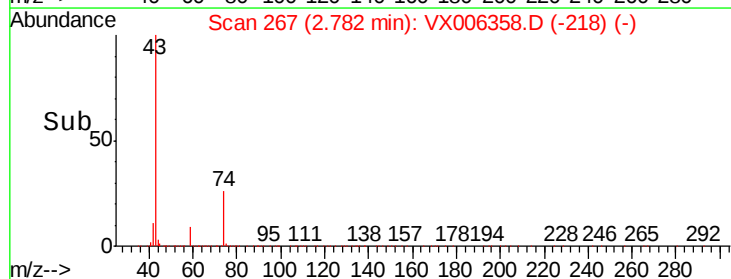
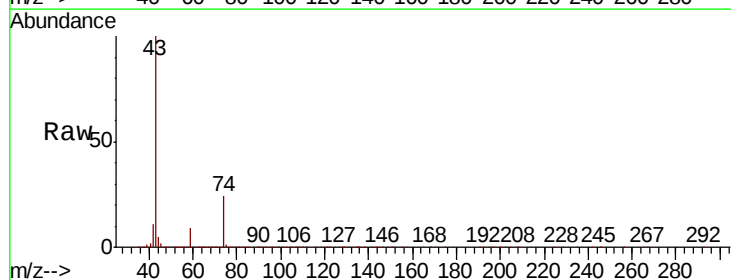
Acq: 07 Dec 2018 20:05

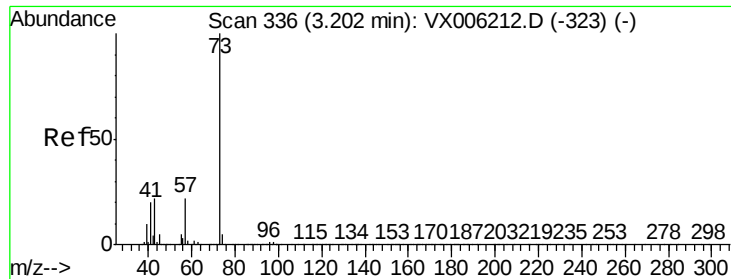
Tgt Ion: 43 Resp: 503973

Ion Ratio Lower Upper

43 100

74 24.5 17.9 26.9

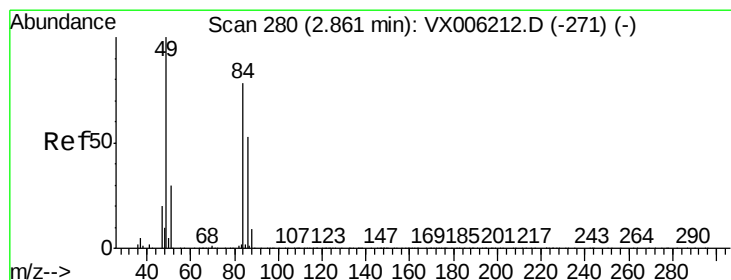
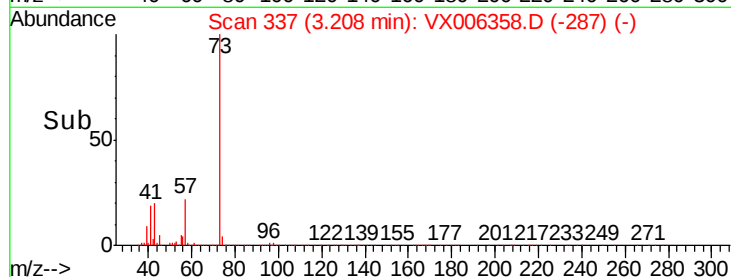
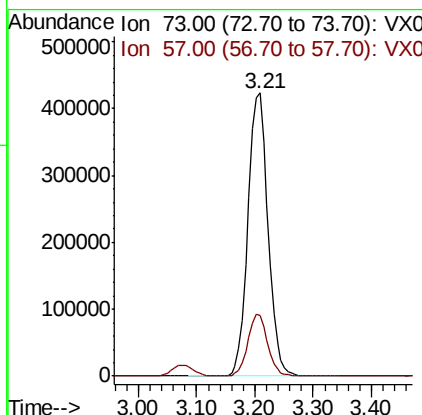
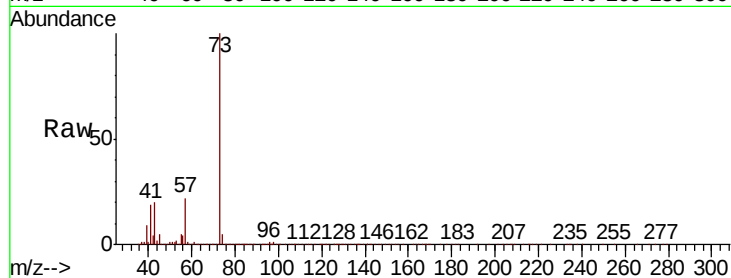




#19
Methvl tert-butvl Ether
Concen: 49.121 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

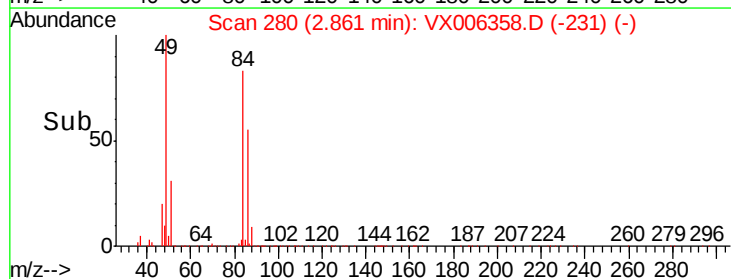
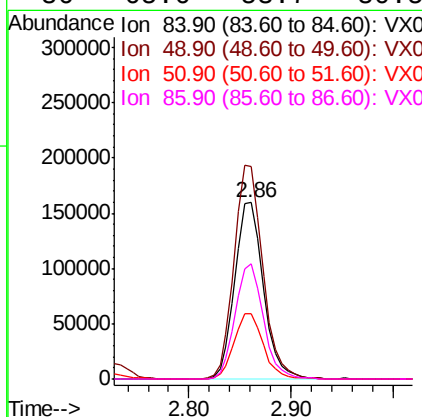
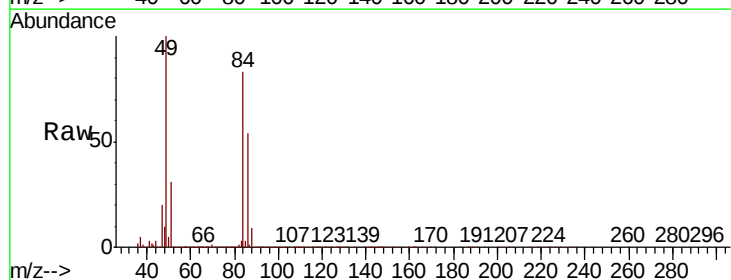
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1007380
Ion Ratio Lower Upper
73 100
57 21.6 17.5 26.3



#20
Methylene Chloride
Concen: 47.909 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Tgt Ion: 84 Resp: 310337
Ion Ratio Lower Upper
84 100
49 120.4 102.2 153.4
51 37.1 31.1 46.7
86 65.6 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 47.735 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

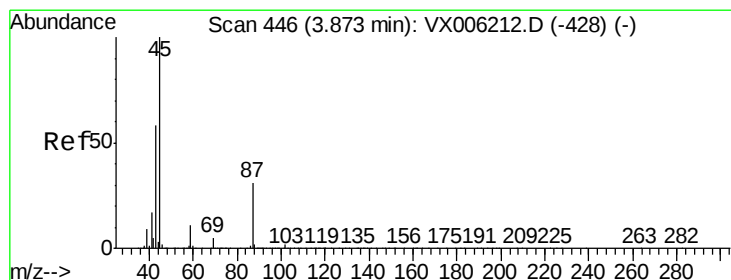
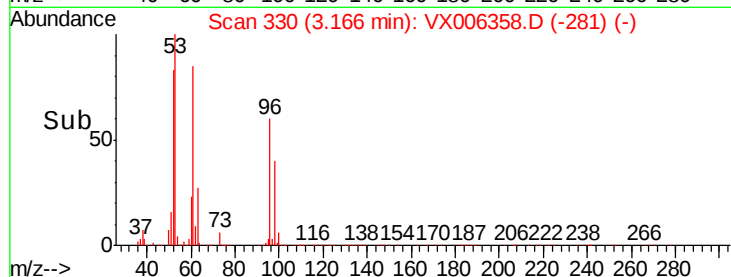
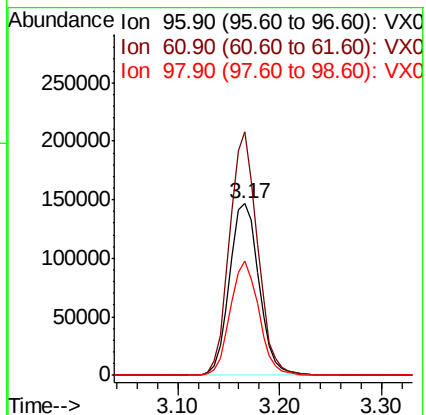
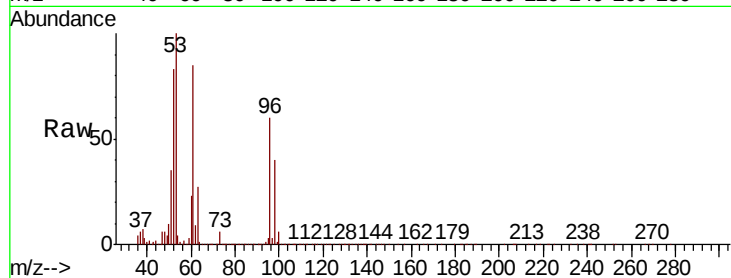
Tot Ion: 96 Resp: 292438

Ion Ratio Lower Upper

96 100

61 141.8 113.3 169.9

98 66.8 53.2 79.8



#22

Diisopropyl ether

Concen: 50.701 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Tgt Ion: 45 Resp: 899327

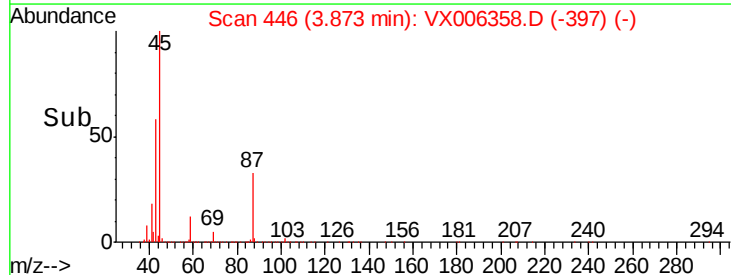
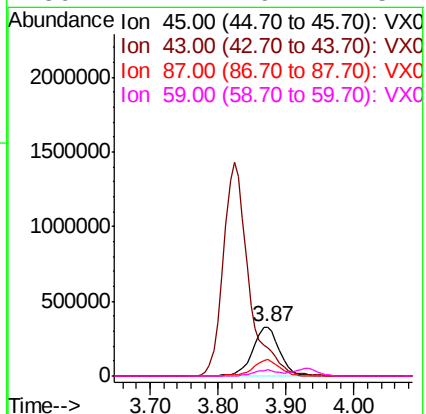
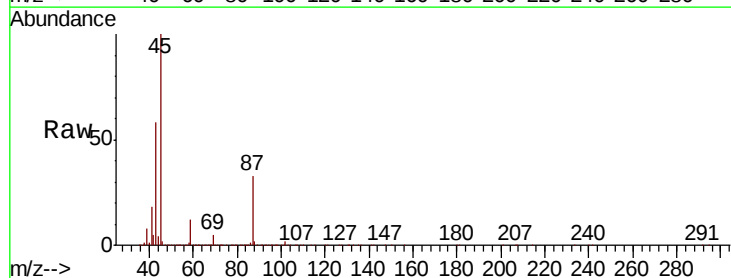
Ion Ratio Lower Upper

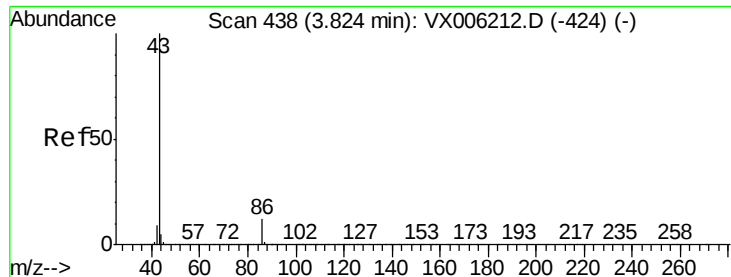
45 100

43 57.7 46.2 69.2

87 33.2 24.9 37.3

59 12.4 9.1 13.7





#23

Vinyl Acetate

Concen: 246.078 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

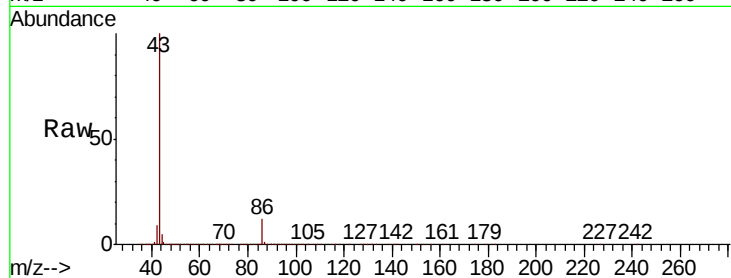
VSTDCCC050EC

Tot Ion: 43 Resp: 3722911

Ion Ratio Lower Upper

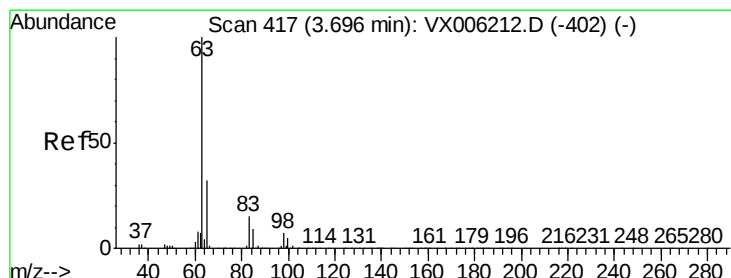
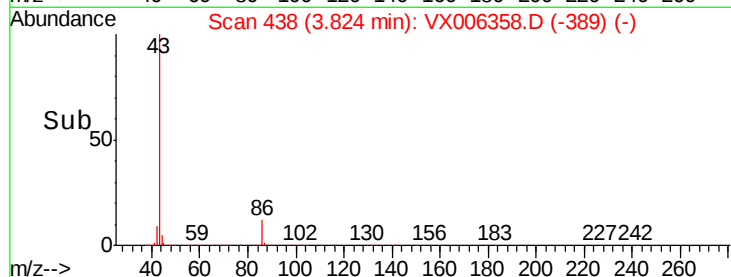
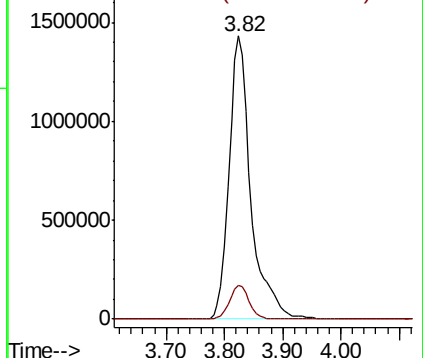
43 100

86 11.9 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.671 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

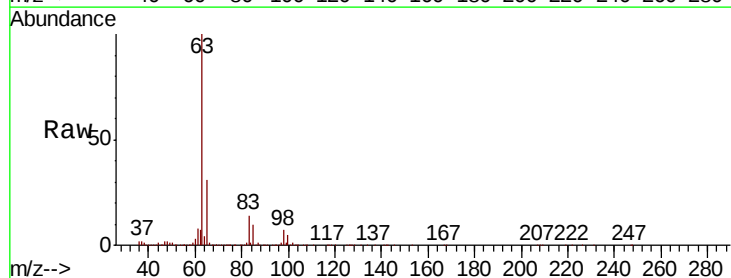
Tgt Ion: 63 Resp: 523865

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

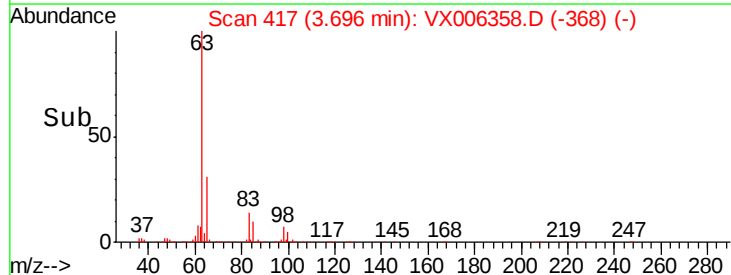
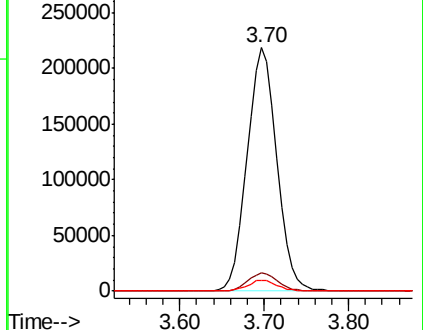
100 4.6 2.5 7.4

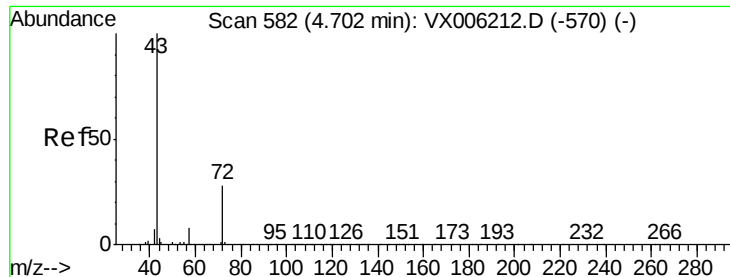


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 249.864 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

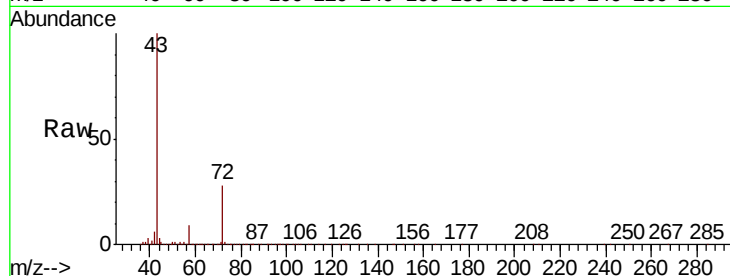
VSTDCCC050EC

Tot Ion: 43 Resp: 1085133

Ion Ratio Lower Upper

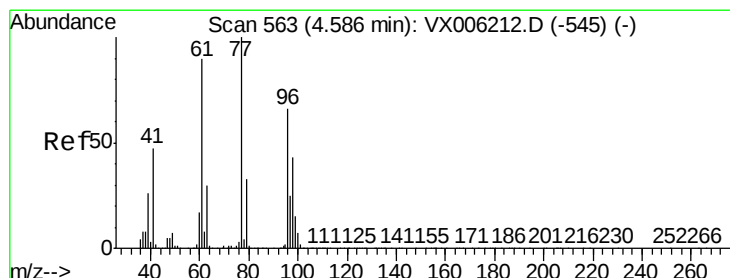
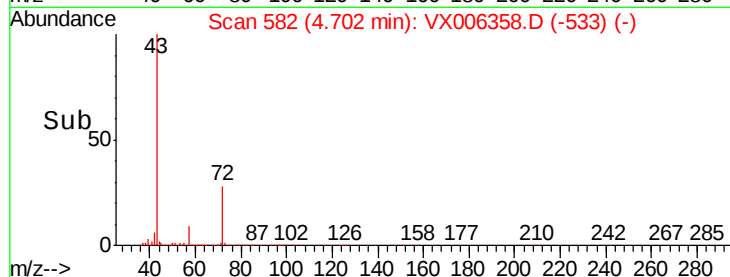
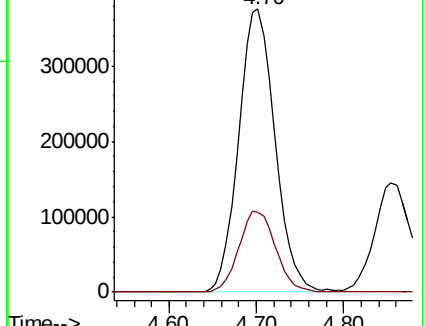
43 100

72 28.1 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.476 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006358.D

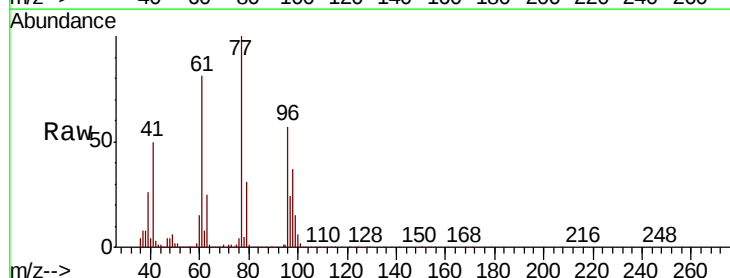
Acq: 07 Dec 2018 20:05

Tgt Ion: 77 Resp: 425505

Ion Ratio Lower Upper

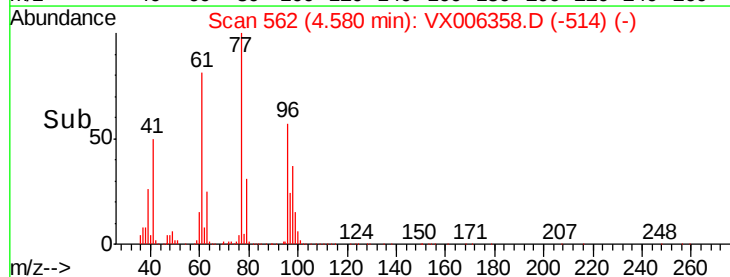
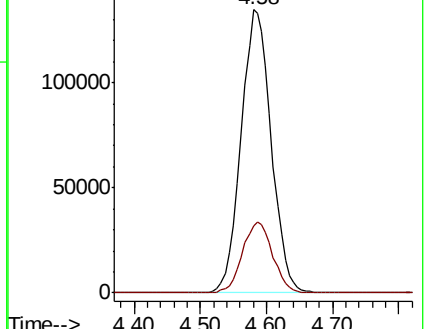
77 100

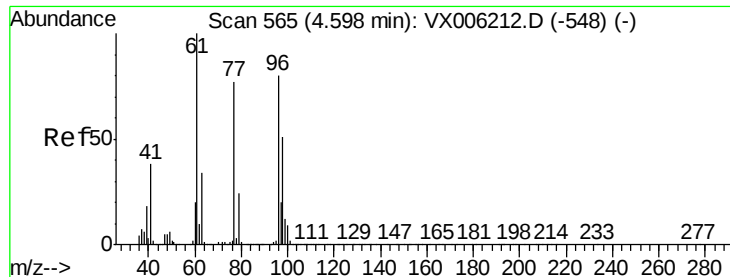
97 25.1 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



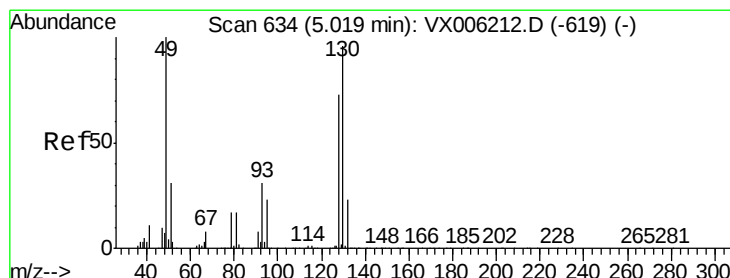
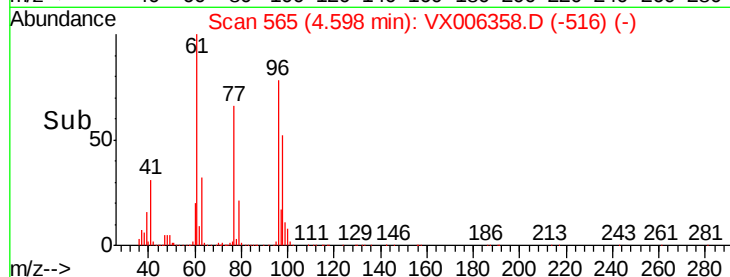
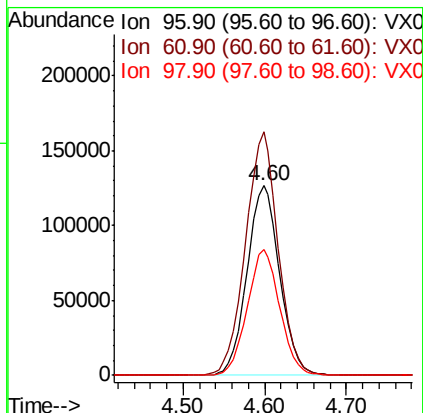
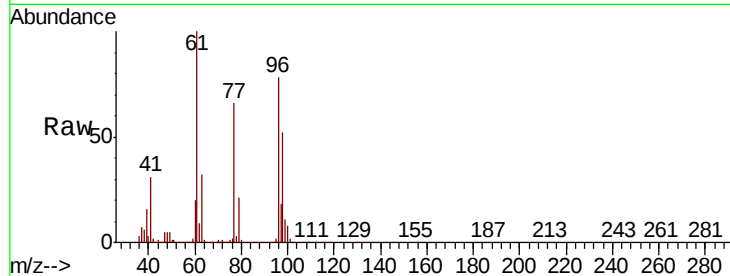


#27

cis-1,2-Dichloroethene
Concen: 51.633 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

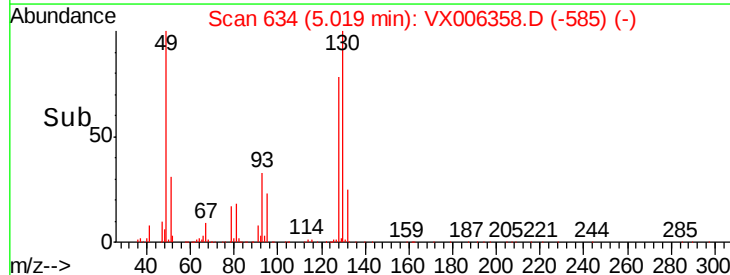
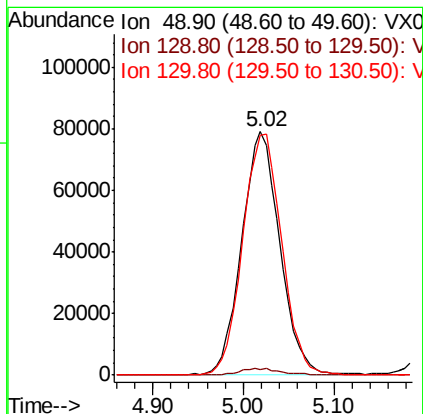
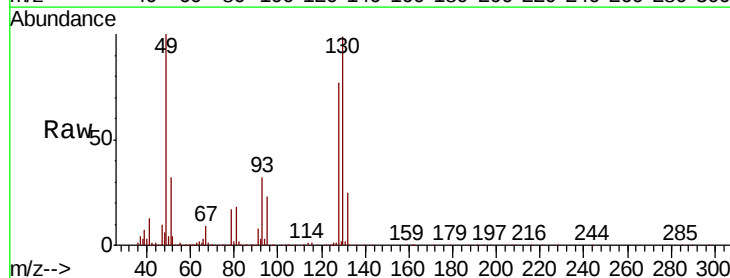
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	265.0
98	66.2	0.0	130.2

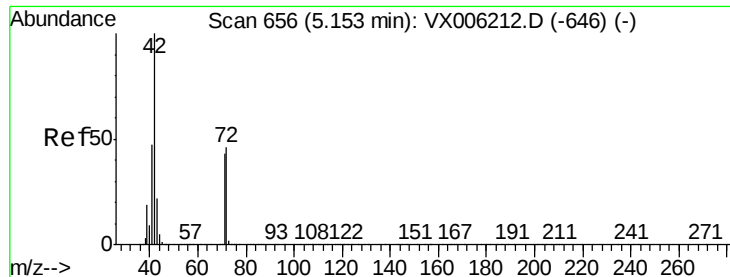


#28

Bromochloromethane
Concen: 51.748 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.0
130	101.8	78.3	117.5





#29

Tetrahydrofuran

Concen: 239.043 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

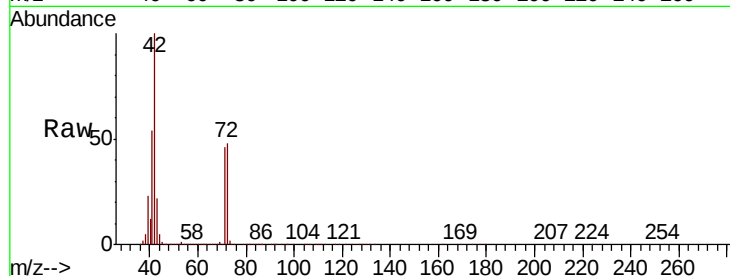
Tot Ion: 42 Resp: 721506

Ion Ratio Lower Upper

42 100

72 49.3 37.8 56.8

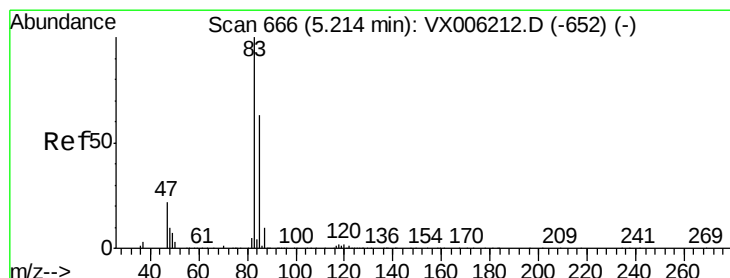
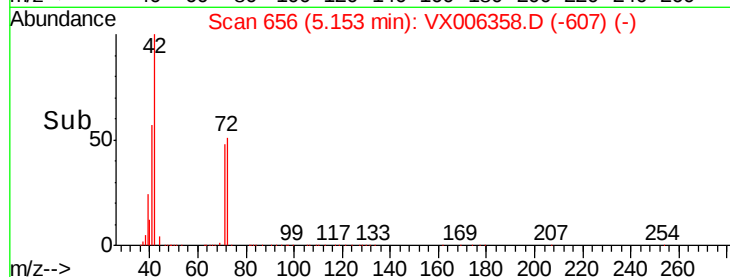
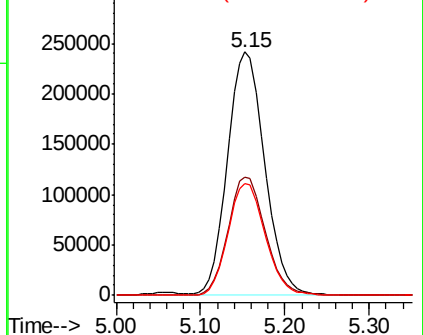
71 46.1 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 51.797 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006358.D

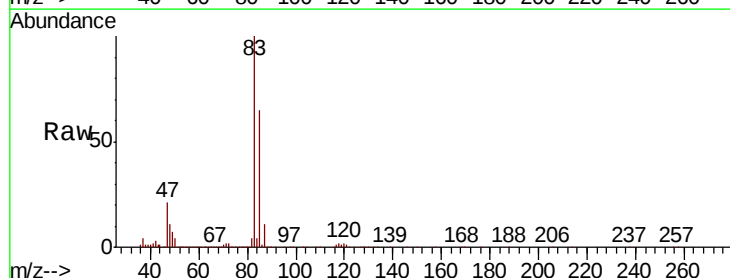
Acq: 07 Dec 2018 20:05

Tgt Ion: 83 Resp: 551859

Ion Ratio Lower Upper

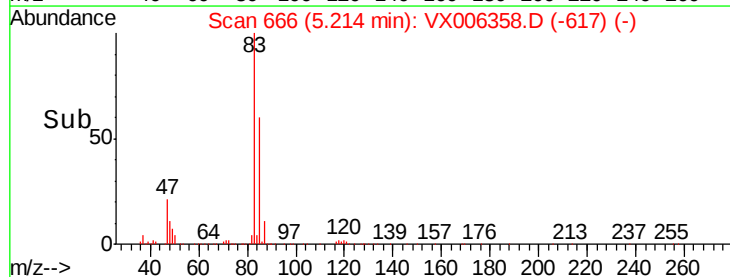
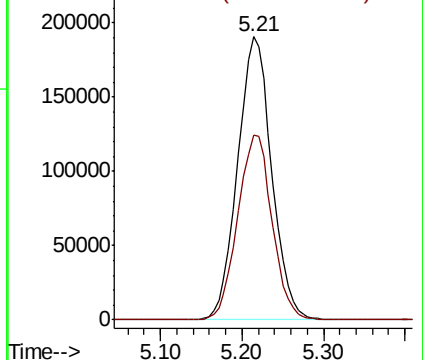
83 100

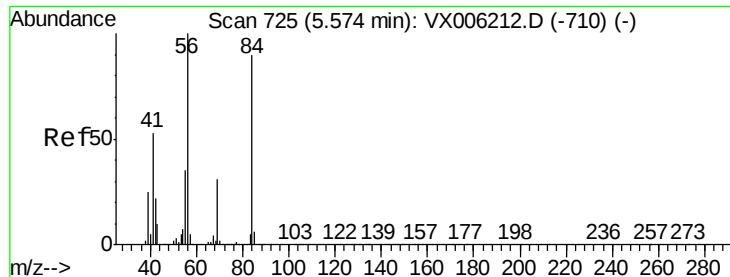
85 65.2 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

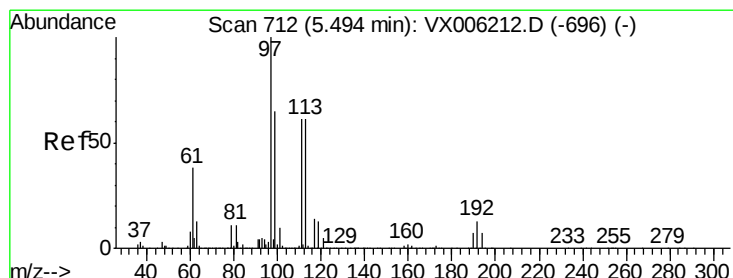
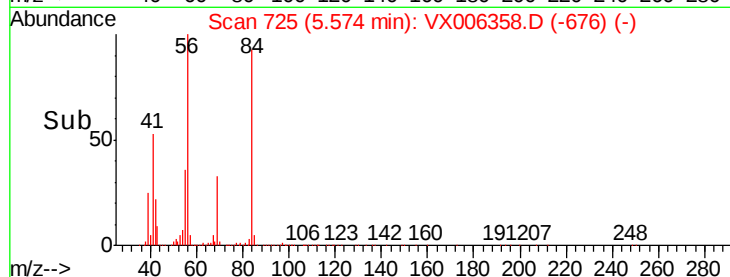
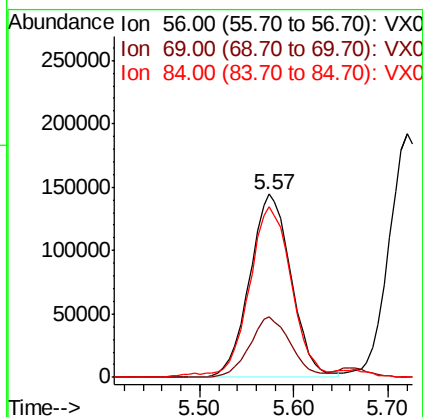
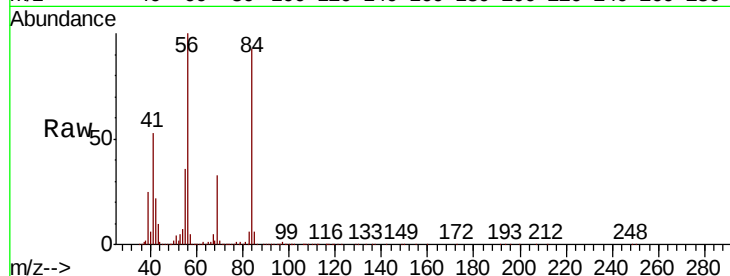




#31
Cyclohexane
Concen: 47.346 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

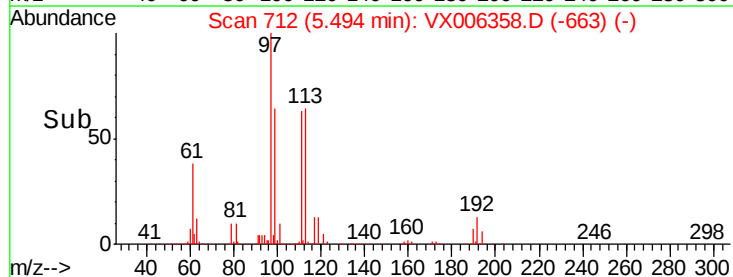
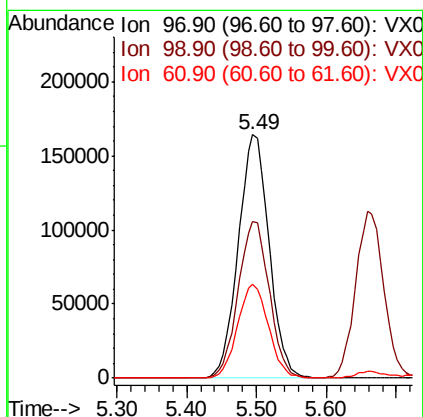
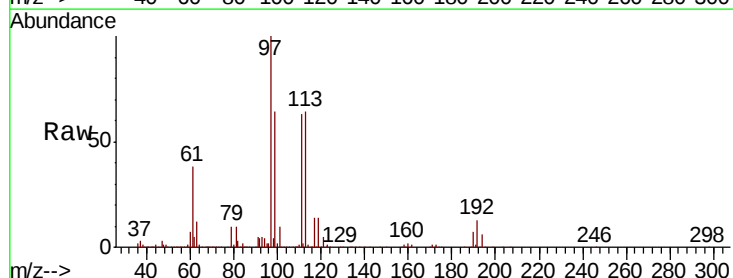
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 443614
Ion Ratio Lower Upper
56 100
69 33.3 24.5 36.7
84 91.4 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.505 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Tgt Ion: 97 Resp: 501846
Ion Ratio Lower Upper
97 100
99 65.1 51.6 77.4
61 38.7 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 51.637 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

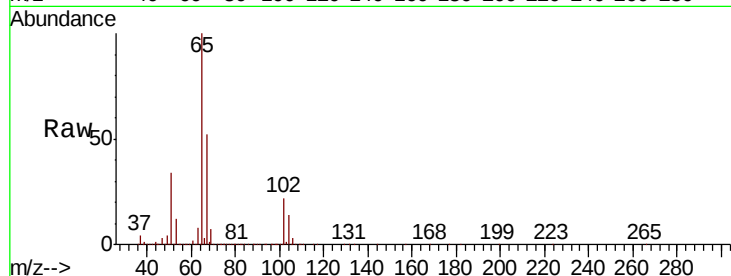
VSTDCCC050EC

Tot Ion: 65 Resp: 334898

Ion Ratio Lower Upper

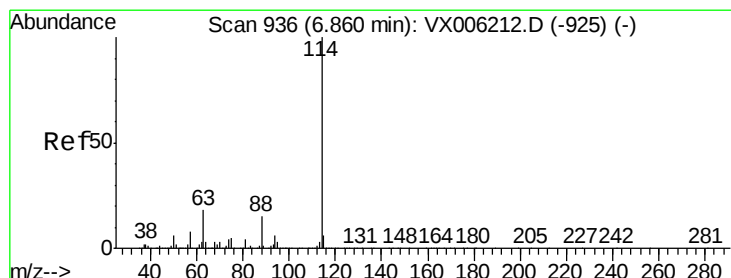
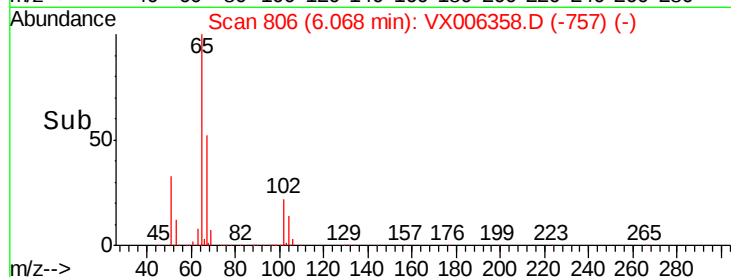
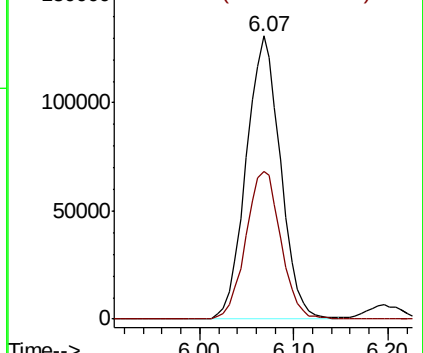
65 100

67 53.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

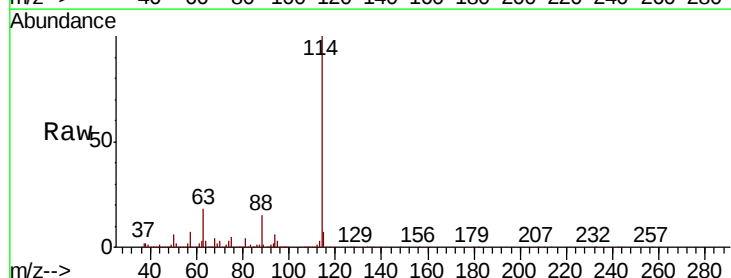
Tgt Ion: 114 Resp: 975934

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

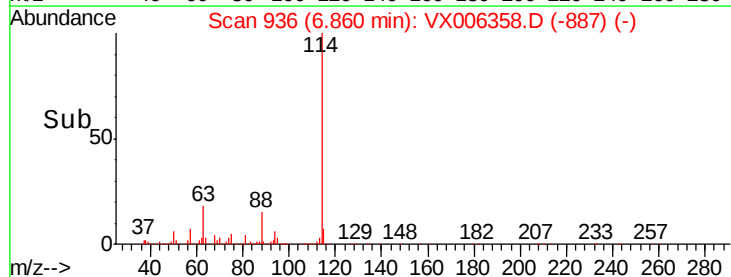
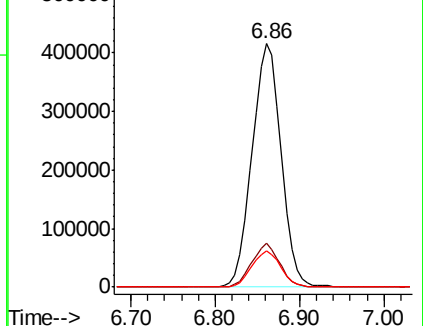
88 14.6 0.0 29.0

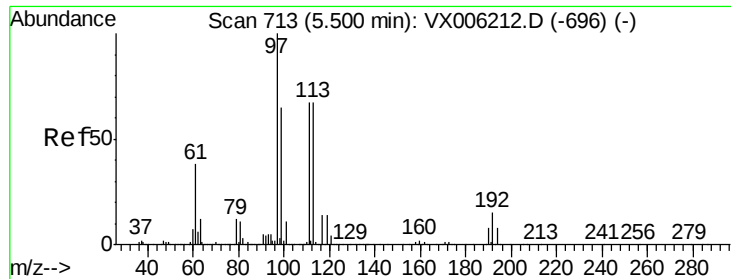


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

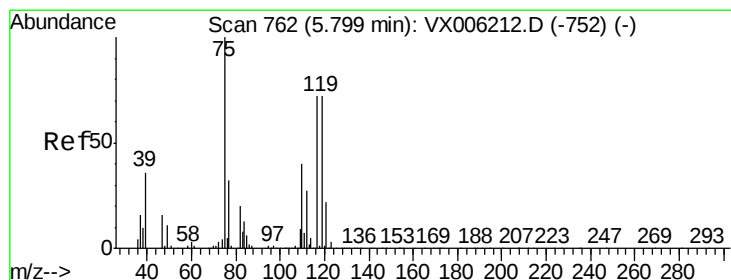
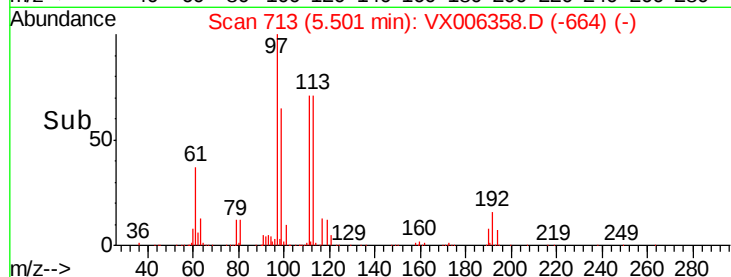
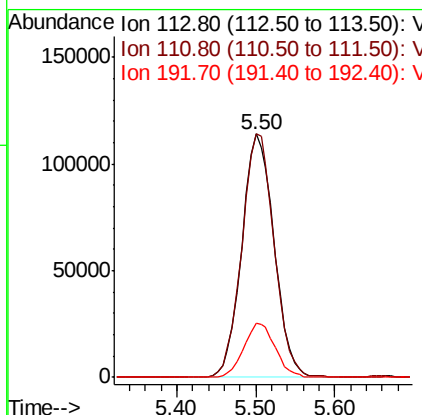
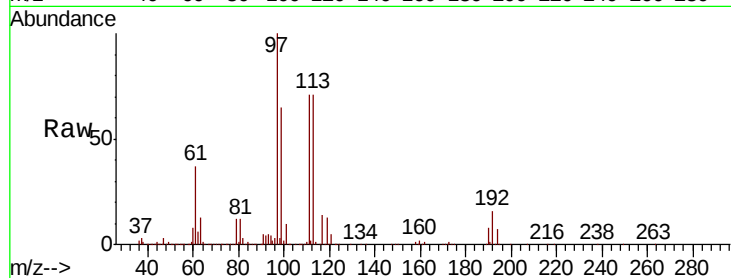




#35
 Dibromofluoromethane
 Concen: 51.282 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006358.D
 Acq: 07 Dec 2018 20:05

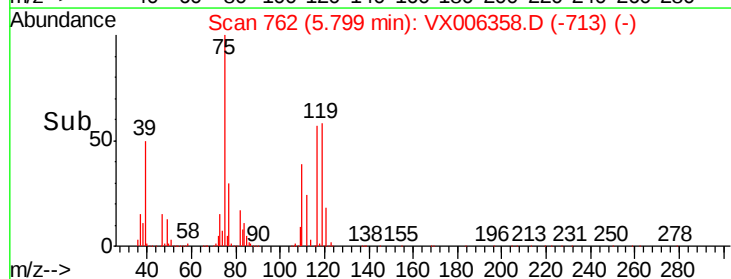
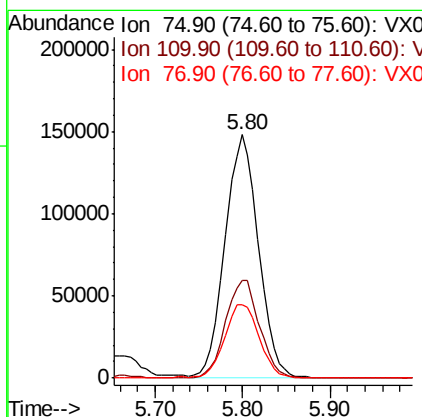
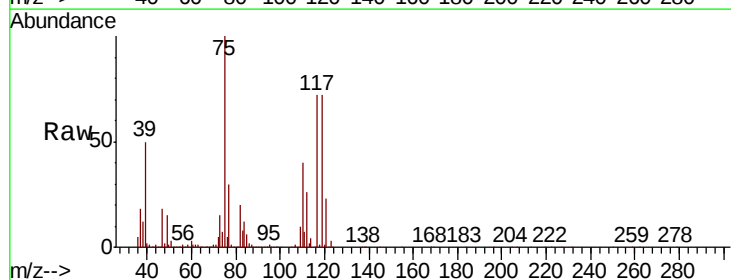
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

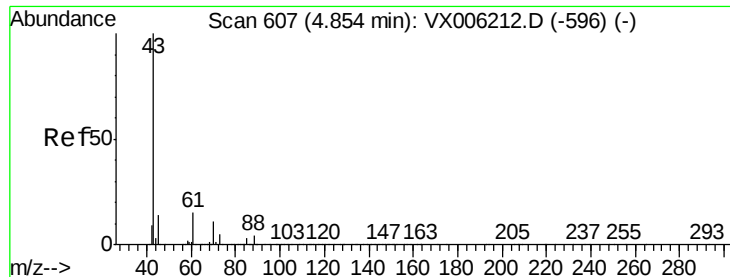
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.1	121.7
192	21.7	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 47.693 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX006358.D
 Acq: 07 Dec 2018 20:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	41.0	20.4	61.3
77	31.3	24.9	37.3

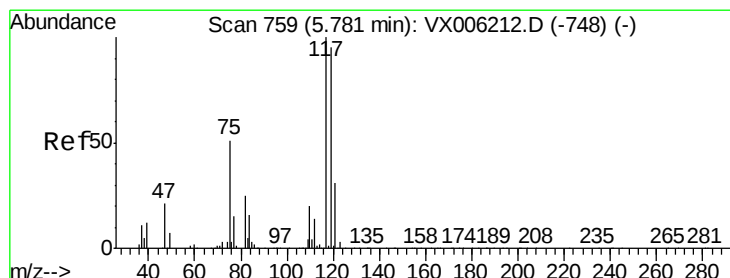
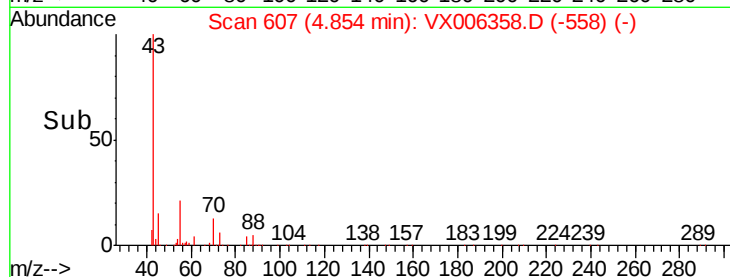
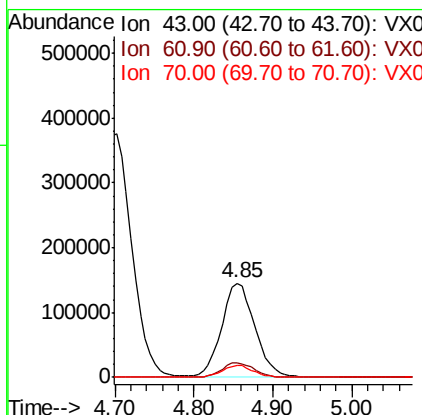
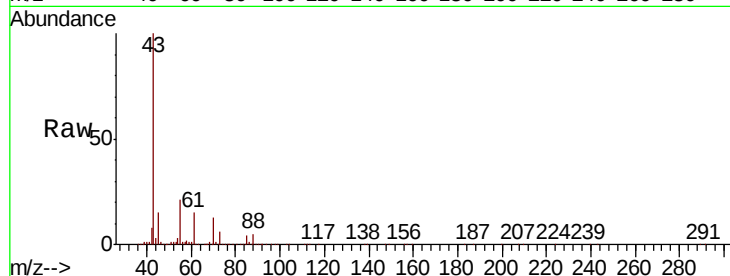




#37
Ethyl Acetate
Concen: 46.063 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

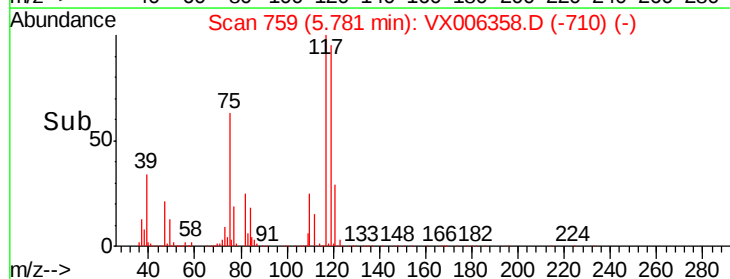
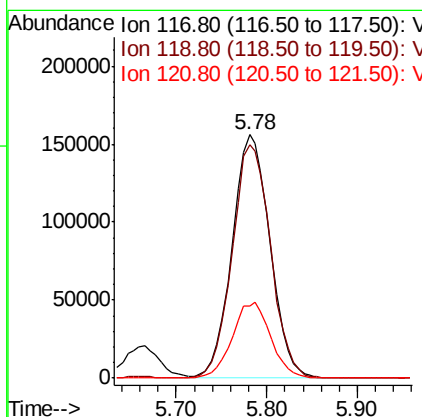
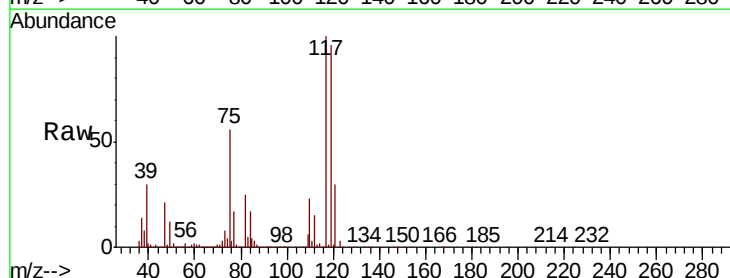
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 423944
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 11.9 9.0 13.6



#38
Carbon Tetrachloride
Concen: 46.873 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Tgt Ion: 117 Resp: 453178
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
121 29.8 24.6 37.0

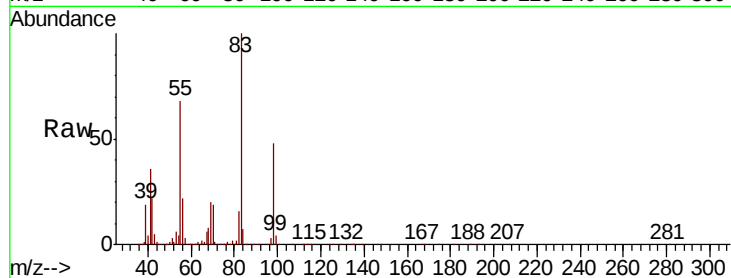




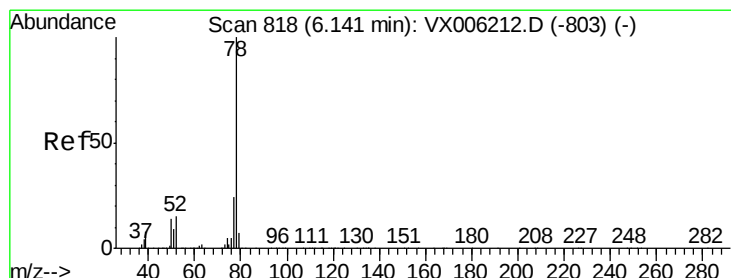
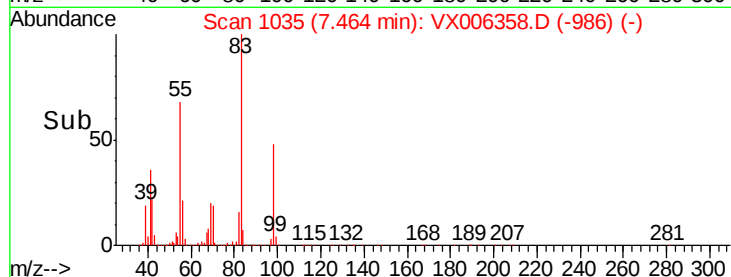
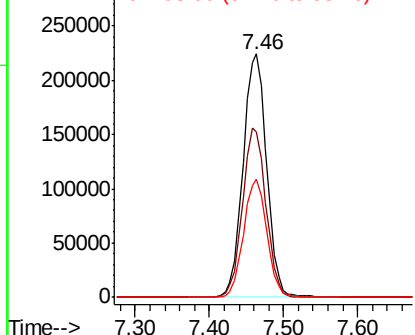
#39
Methvlcvclohexane
Concen: 46.751 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.0	56.4	84.6
98	48.5	39.0	58.6

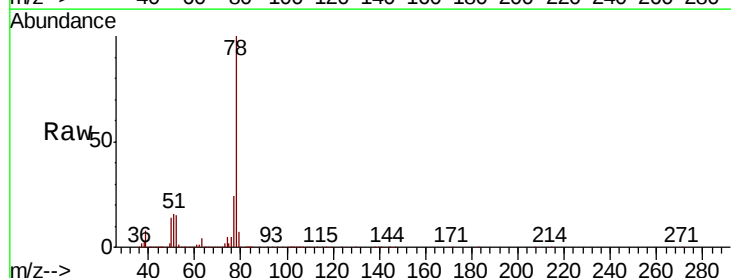


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

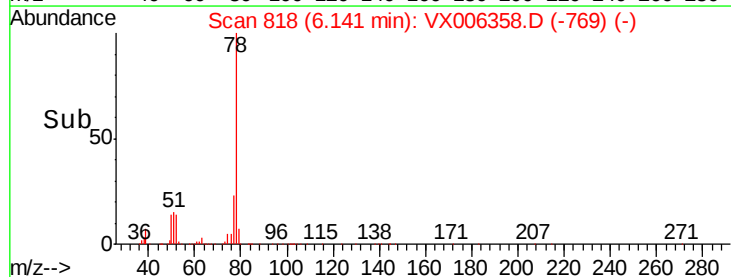
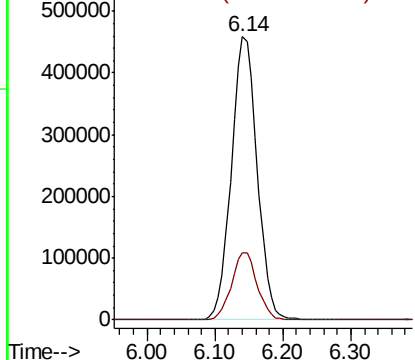


#40
Benzene
Concen: 48.943 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

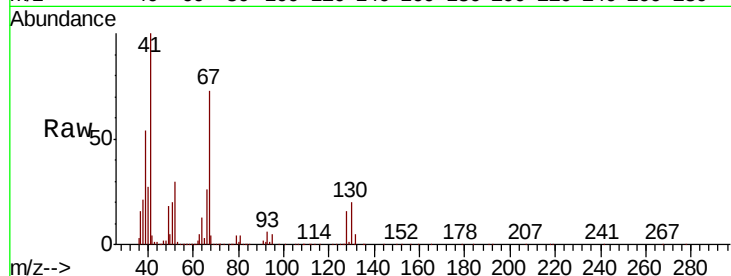




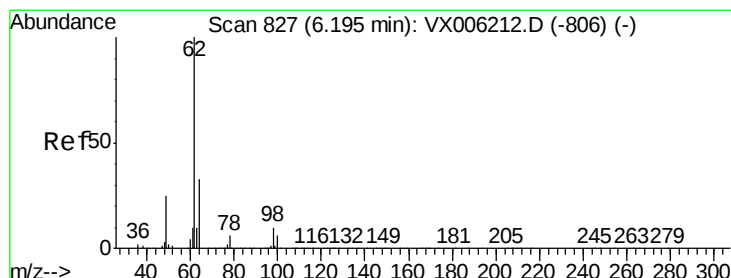
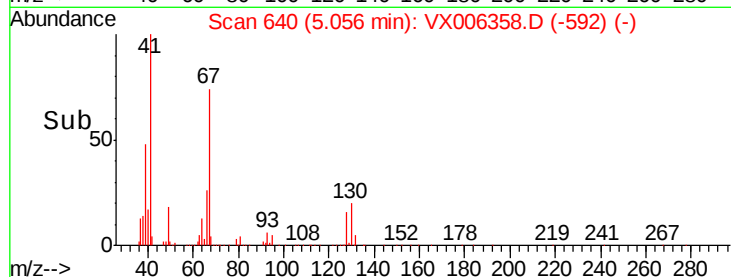
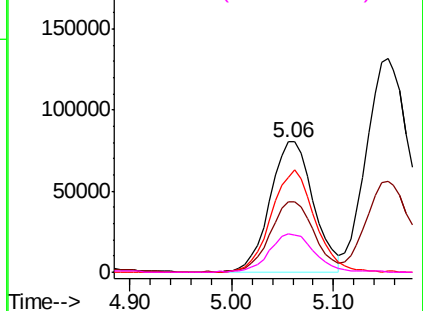
#41
Methacrylonitrile
Concen: 46.752 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	236766
Ion	Ratio	Lower	Upper
41	100		
39	54.3	44.0	66.0
67	78.1	61.4	92.0
52	30.4	23.5	35.3

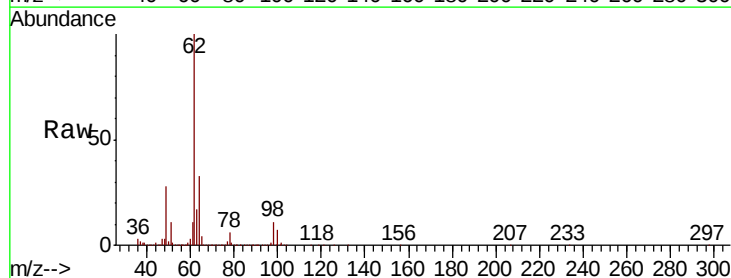


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

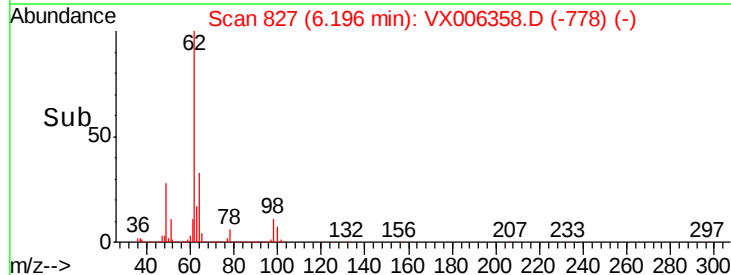
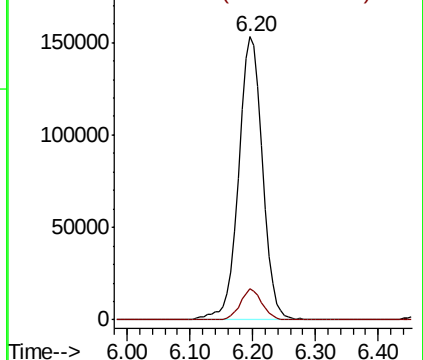


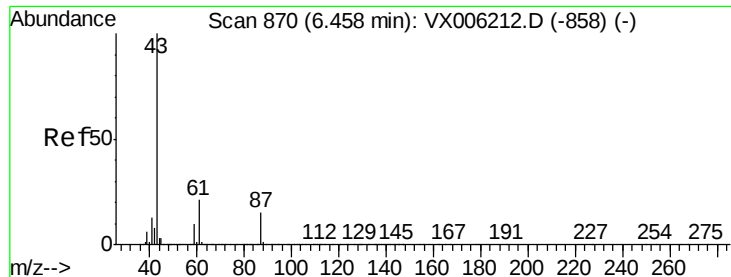
#42
1,2-Dichloroethane
Concen: 50.191 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Tgt Ion:	62	Resp:	404334
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



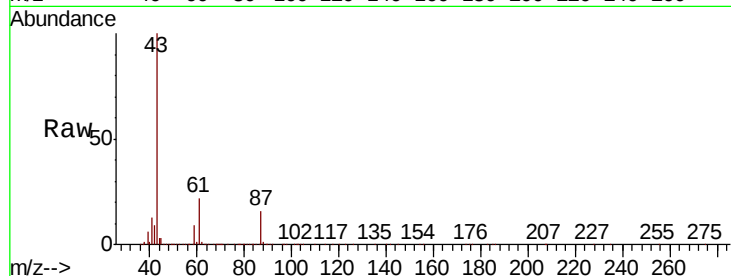


#43

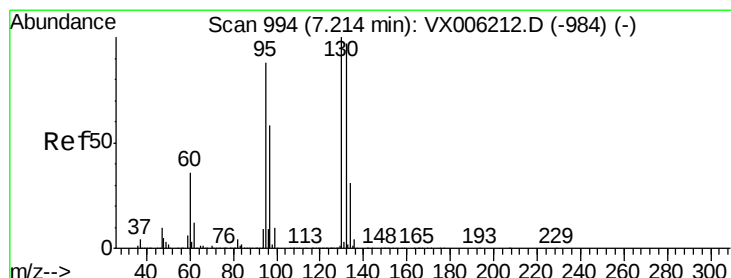
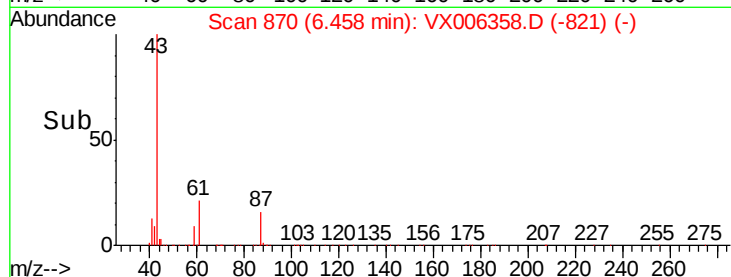
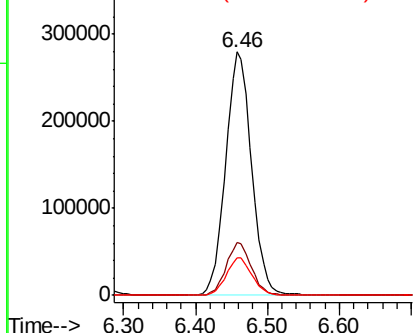
Isopropyl Acetate
 Concen: 45.366 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006358.D
 Acq: 07 Dec 2018 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.8	25.2
87	15.4	11.9	17.9



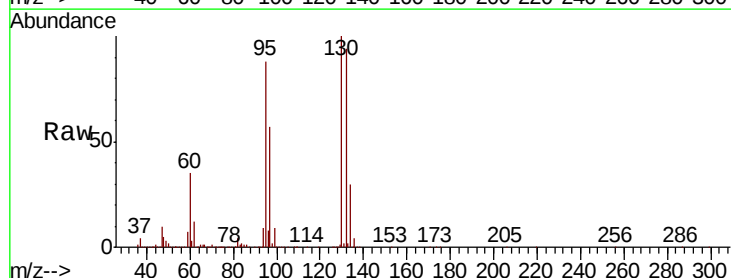
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



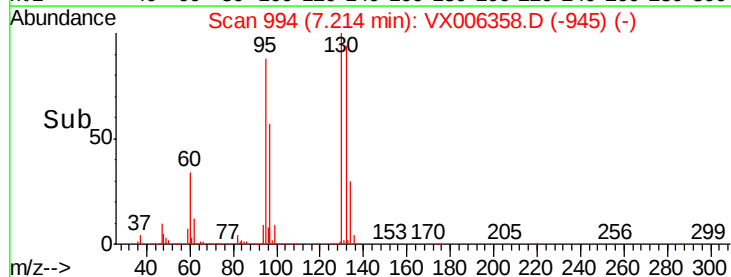
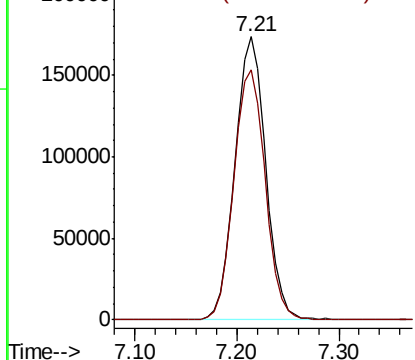
#44

Trichloroethene
 Concen: 48.600 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006358.D
 Acq: 07 Dec 2018 20:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.2	0.0	175.8



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

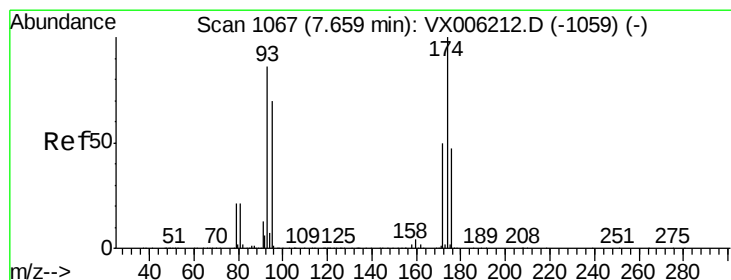
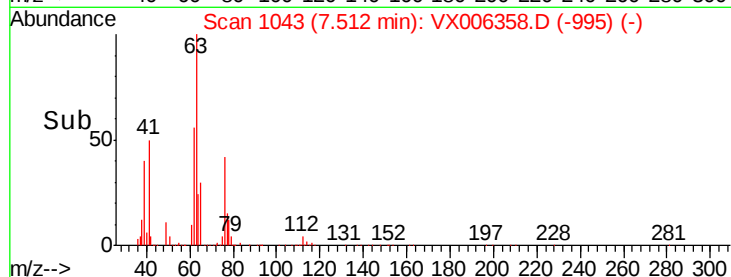
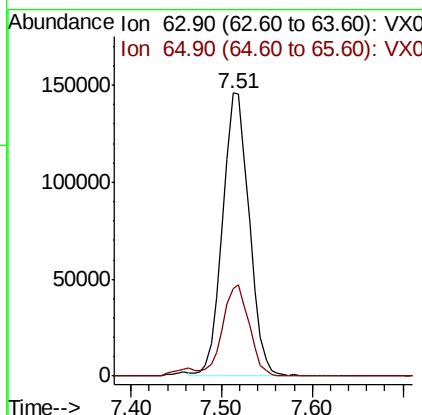
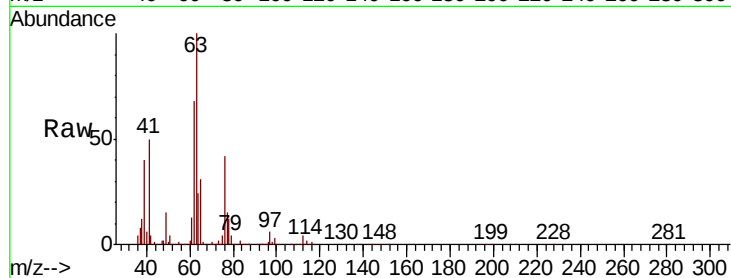




#45
 1,2-Dichloropropane
 Concen: 47.717 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX006358.D
 Acq: 07 Dec 2018 20:05

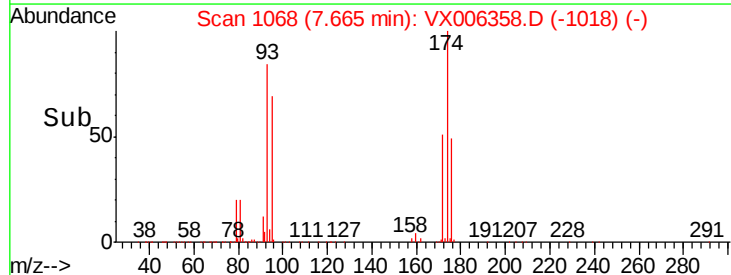
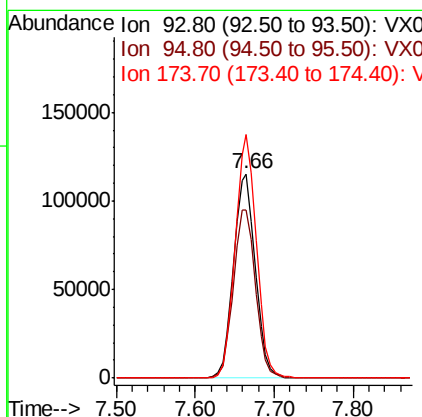
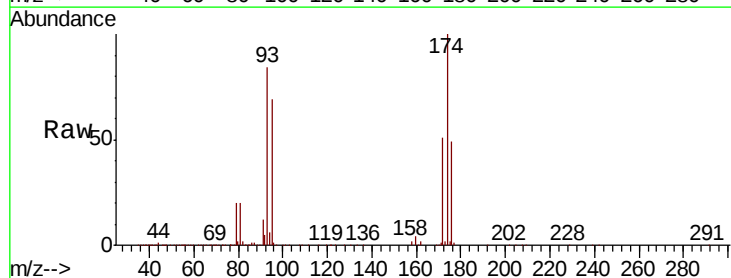
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

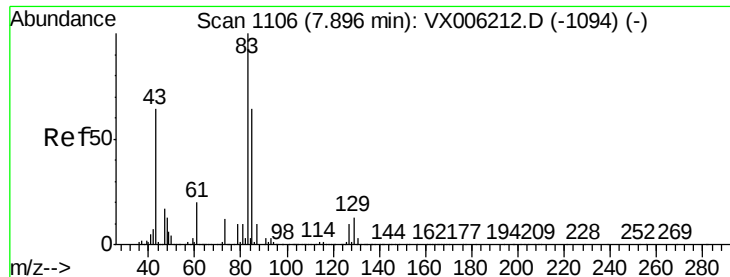
Tot Ion: 63 Resp: 298512
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.3 36.5



#46
 Dibromomethane
 Concen: 49.181 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006358.D
 Acq: 07 Dec 2018 20:05

Tgt Ion: 93 Resp: 222207
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.2 99.4
 174 115.9 97.2 145.8





#47

Bromodichloromethane

Concen: 47.684 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

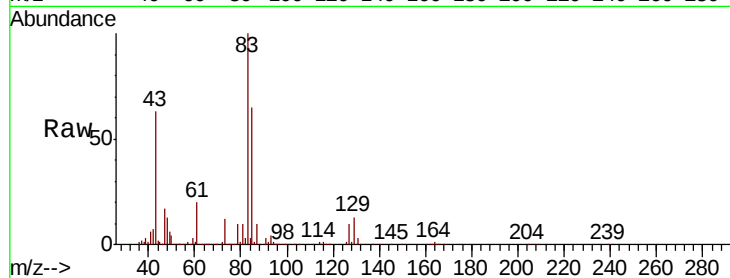
Tot Ion: 83 Resp: 417213

Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.0

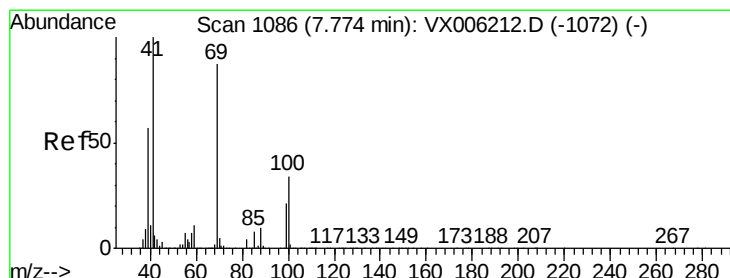
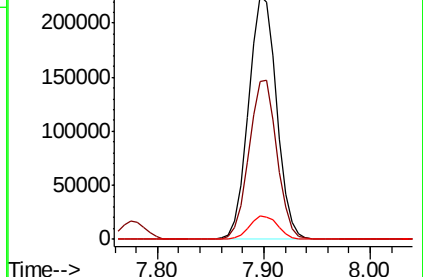
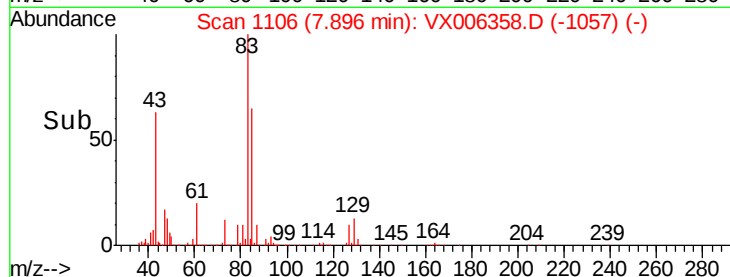
127 9.8 7.9 11.9



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: 45.730 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

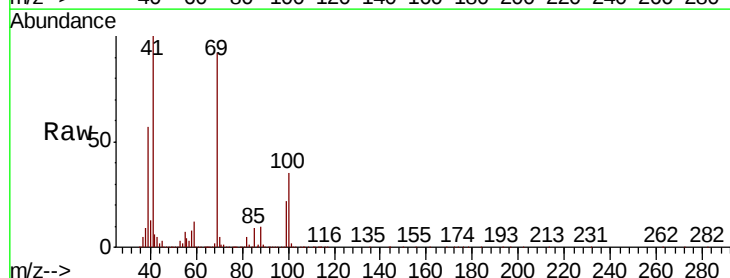
Tgt Ion: 41 Resp: 341381

Ion Ratio Lower Upper

41 100

69 92.6 70.3 105.5

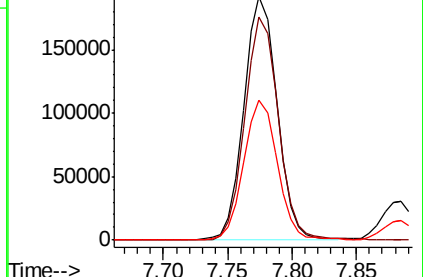
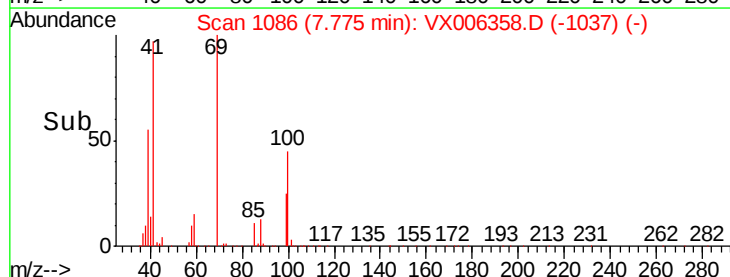
39 57.3 45.3 67.9

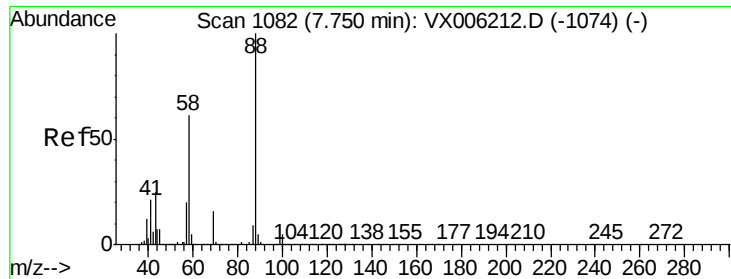


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

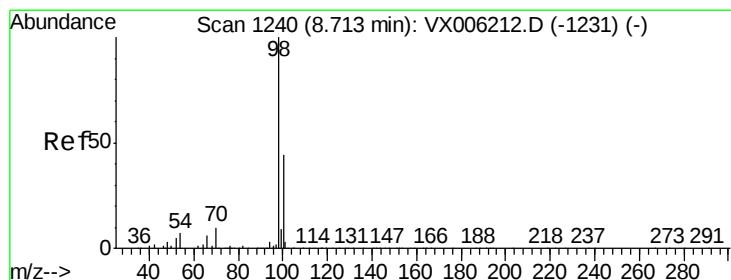
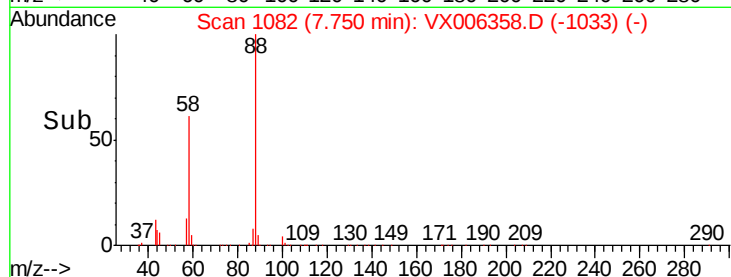
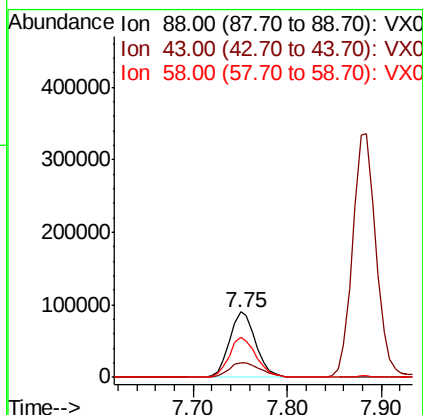
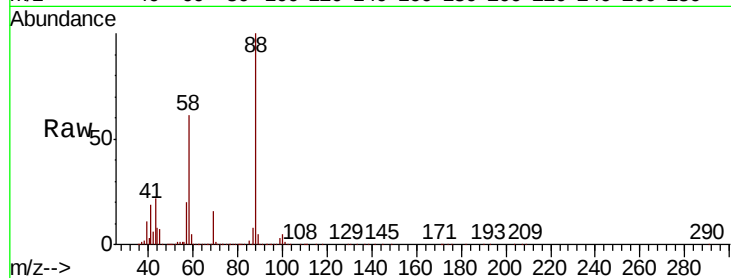




#49
1,4-Dioxane
Concen: 950.967 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

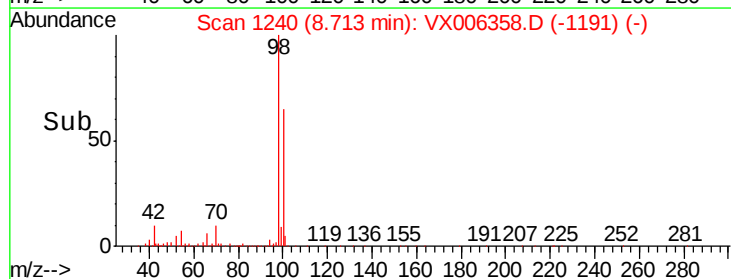
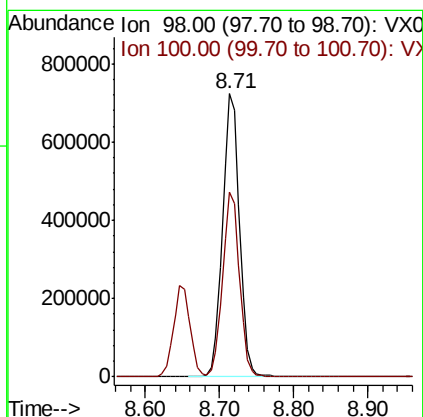
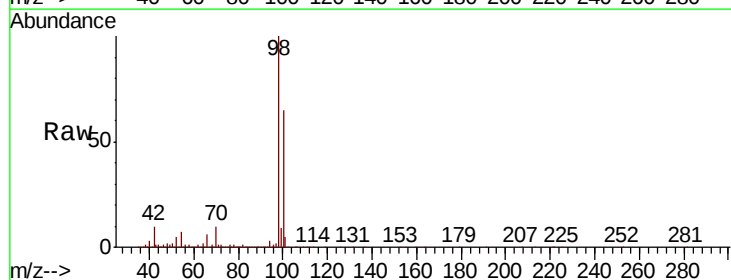
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.8	23.2	34.8
58	63.5	51.4	77.0



#50
Toluene-d8
Concen: 49.706 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 234.685 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

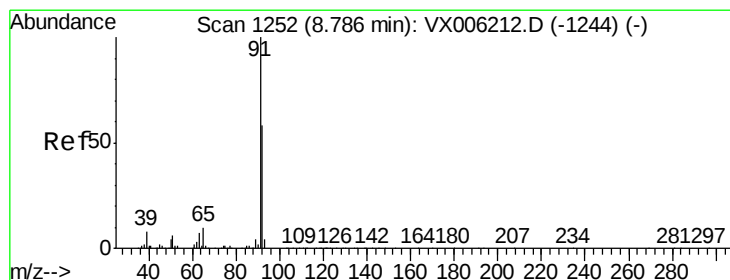
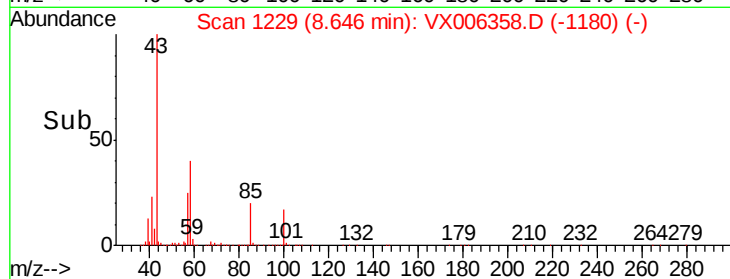
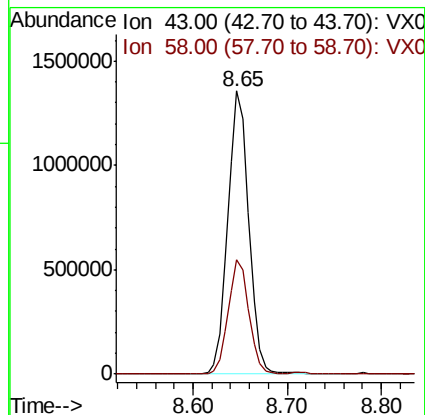
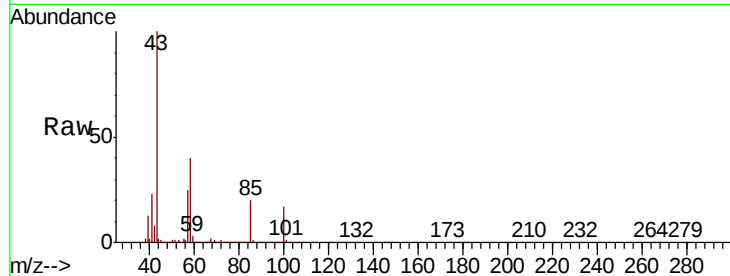
VSTDCCC050EC

Tot Ion: 43 Resp: 2096425

Ion Ratio Lower Upper

43 100

58 39.9 31.3 46.9



#52

Toluene

Concen: 48.831 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006358.D

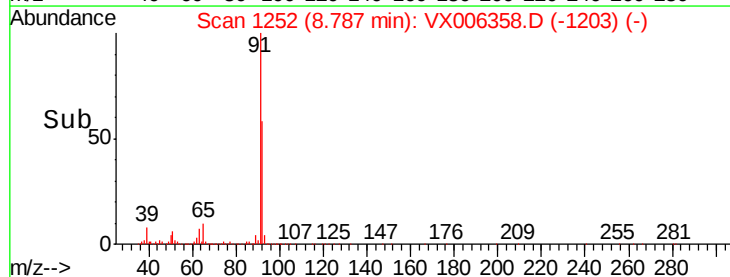
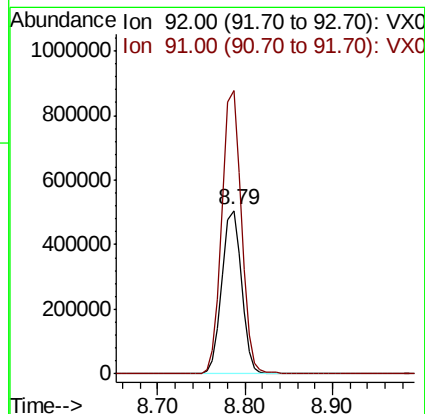
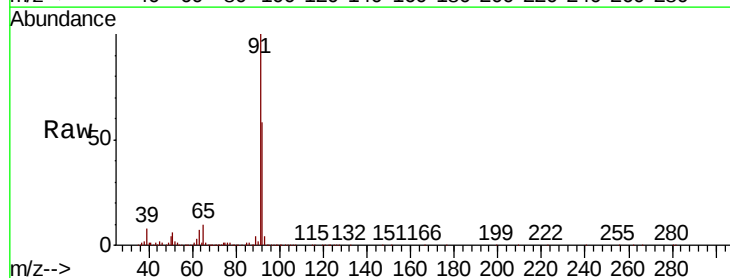
Acq: 07 Dec 2018 20:05

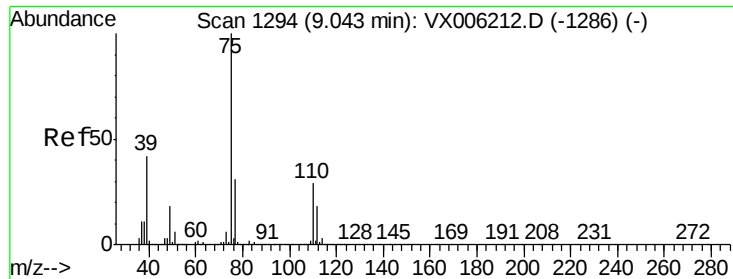
Tgt Ion: 92 Resp: 790770

Ion Ratio Lower Upper

92 100

91 172.1 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 45.566 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

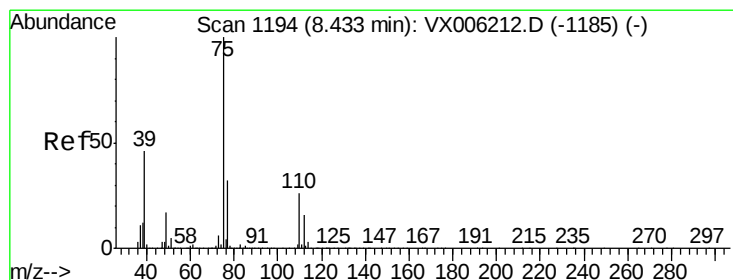
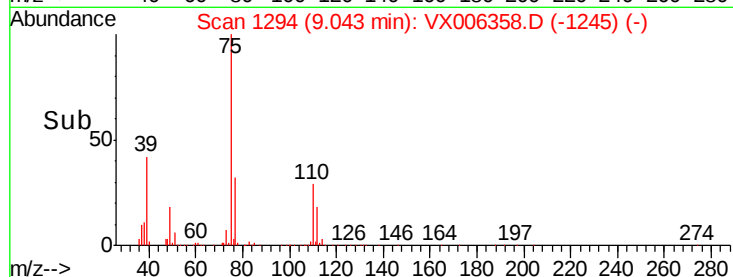
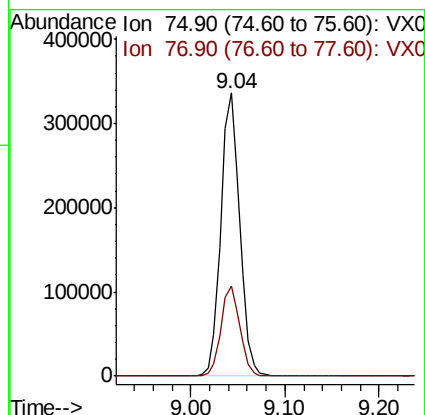
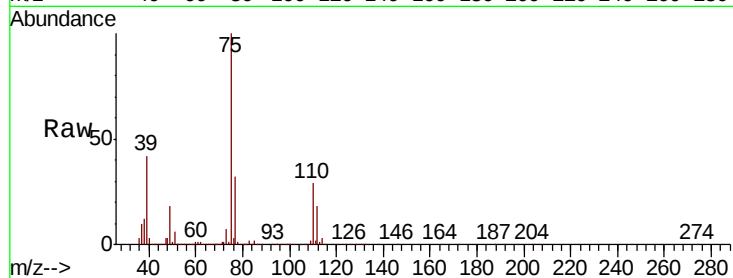
VSTDCCC050EC

Tot Ion: 75 Resp: 466259

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 46.775 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

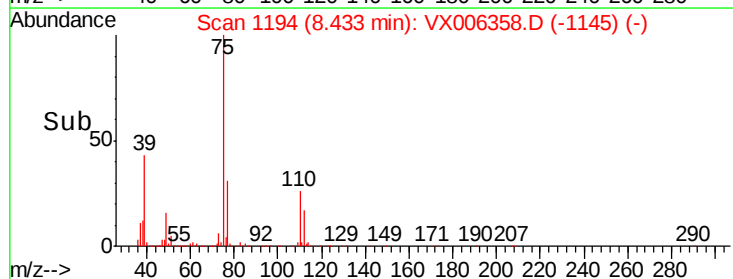
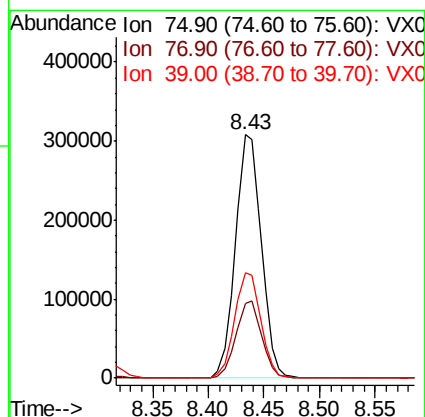
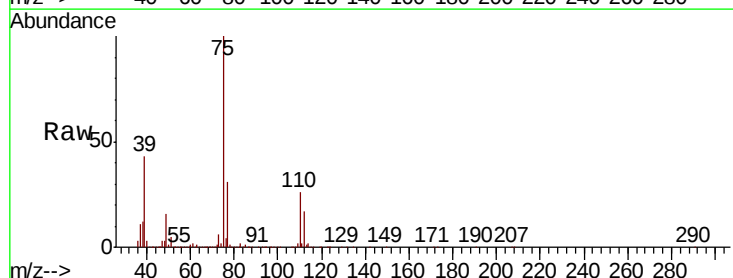
Tgt Ion: 75 Resp: 496996

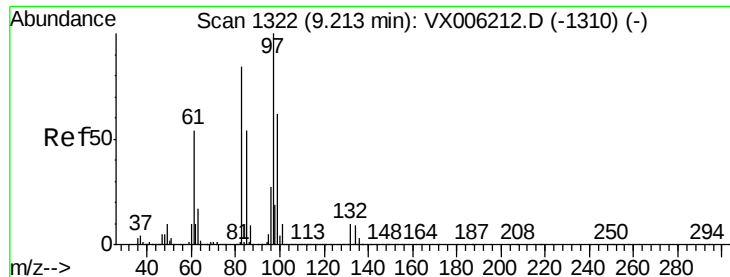
Ion Ratio Lower Upper

75 100

77 30.8 25.6 38.4

39 42.9 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 50.360 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 331315

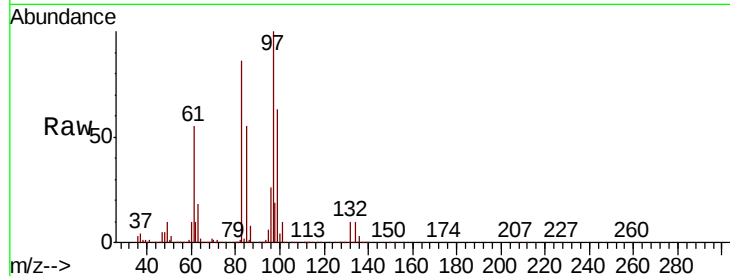
Ion Ratio Lower Upper

97 100

83 86.0 67.1 100.7

85 54.5 43.2 64.8

99 62.6 49.8 74.6

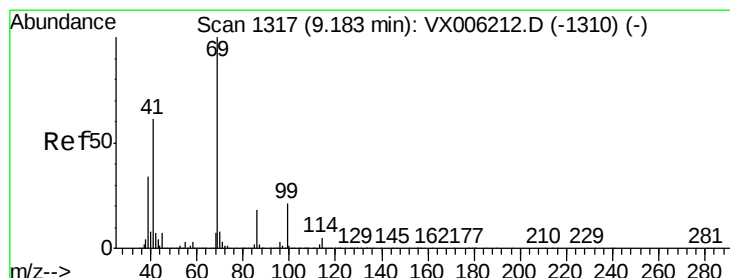
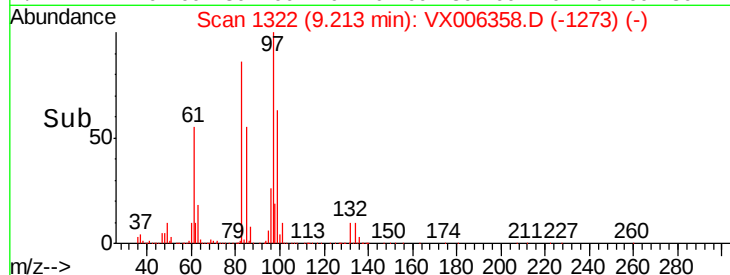
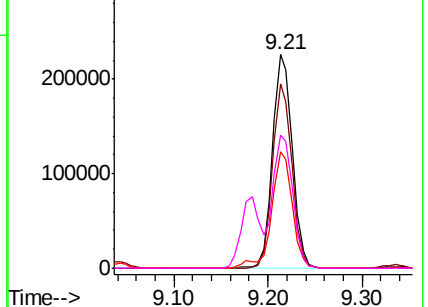


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 47.937 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

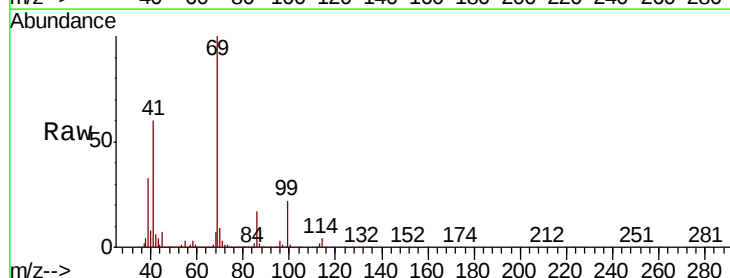
Tgt Ion: 69 Resp: 493030

Ion Ratio Lower Upper

69 100

41 61.6 50.6 76.0

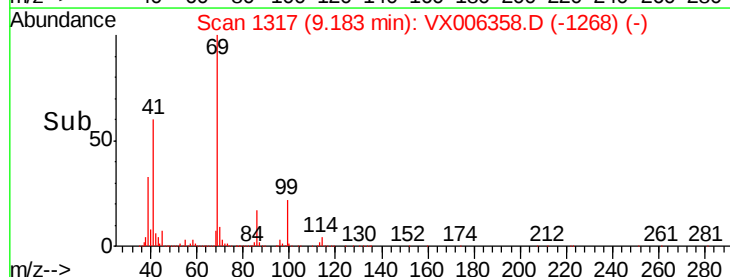
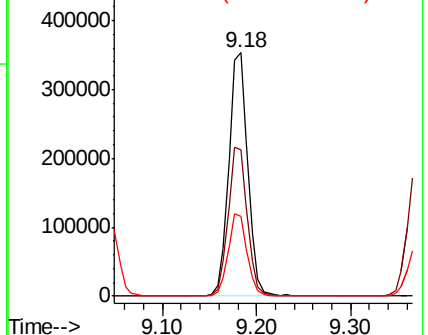
39 33.3 27.6 41.4

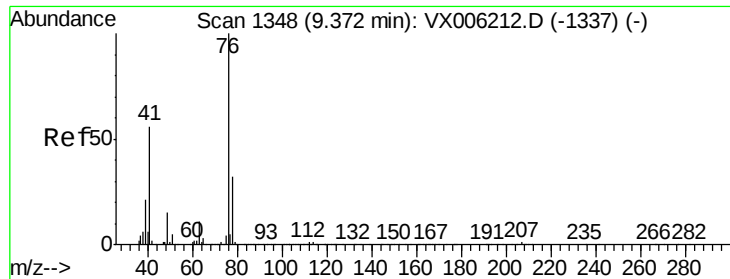


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.156 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

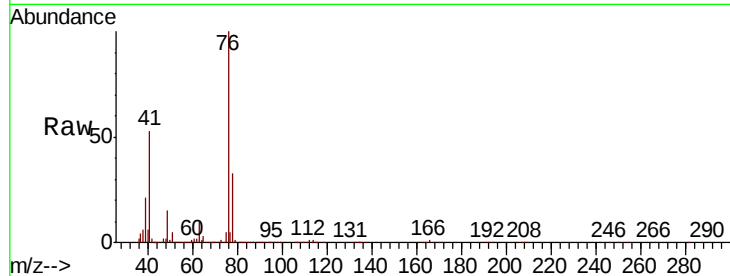
VSTDCCC050EC

Tot Ion: 76 Resp: 521785

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

400000

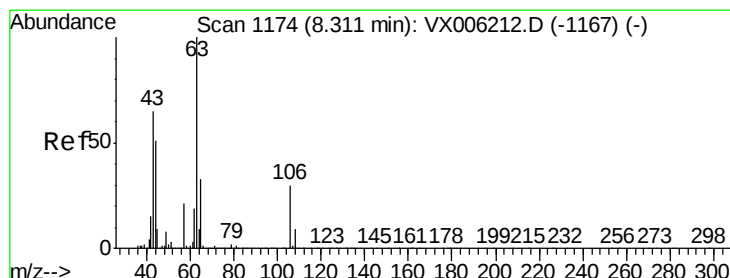
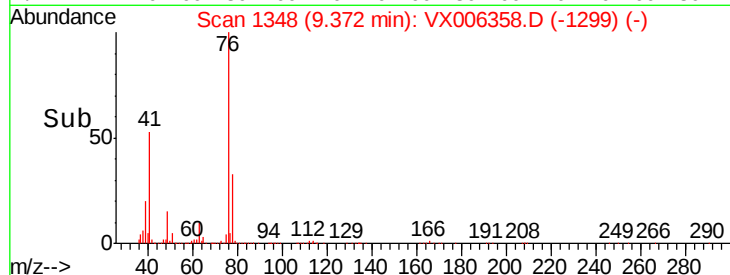
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 239.422 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006358.D

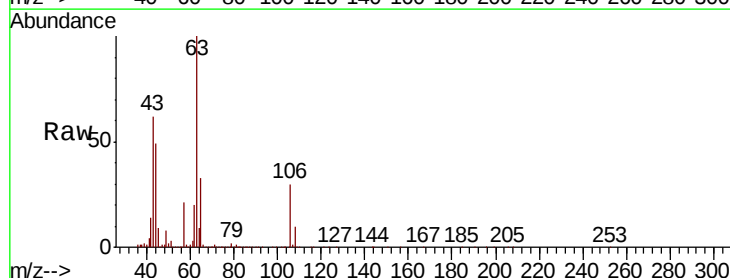
Acq: 07 Dec 2018 20:05

Tgt Ion: 63 Resp: 1249568

Ion Ratio Lower Upper

63 100

106 31.3 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

800000

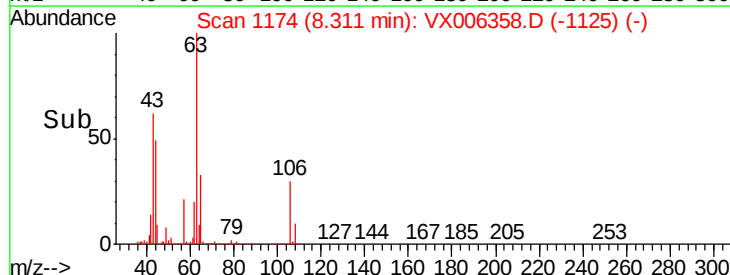
600000

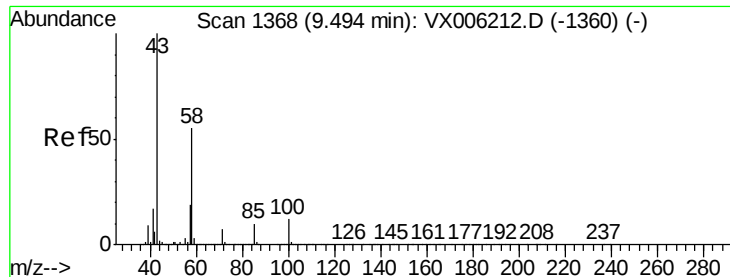
400000

200000

0

Time-->

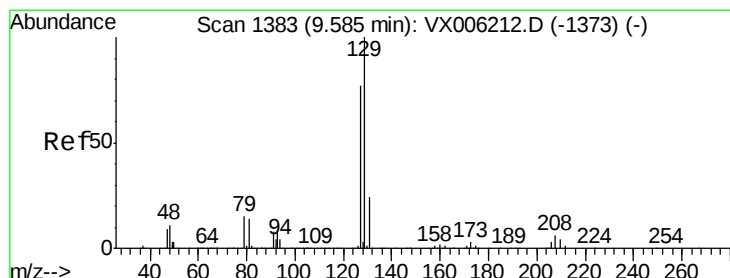
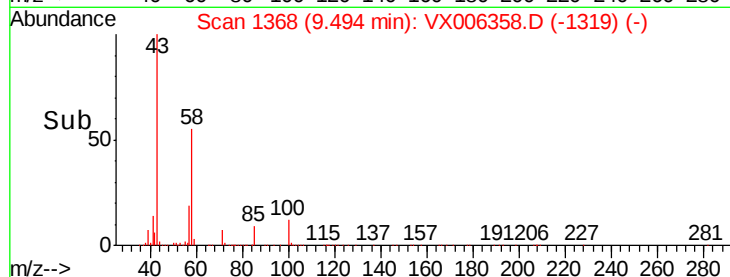
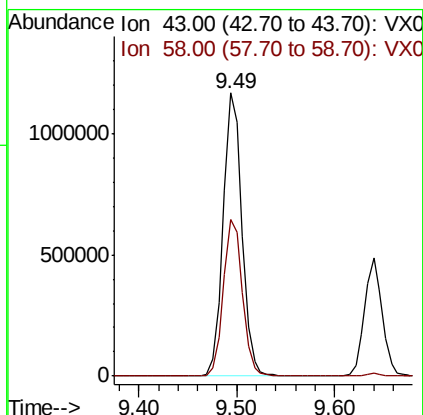
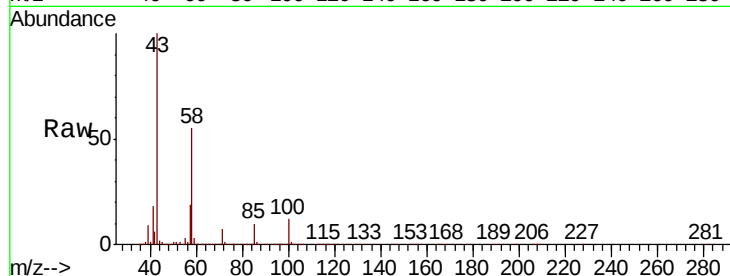




#59
2-Hexanone
Concen: 227.622 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

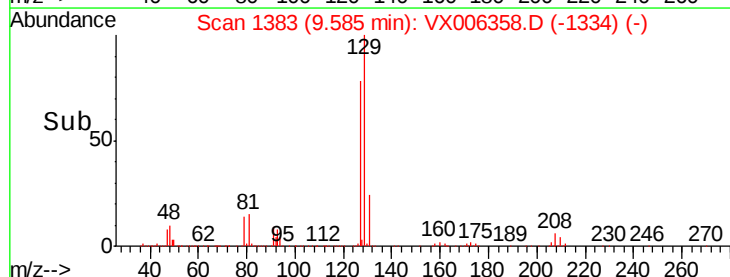
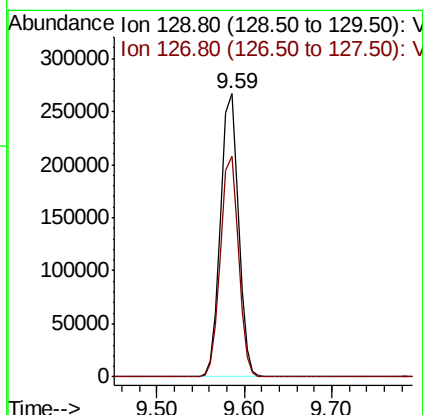
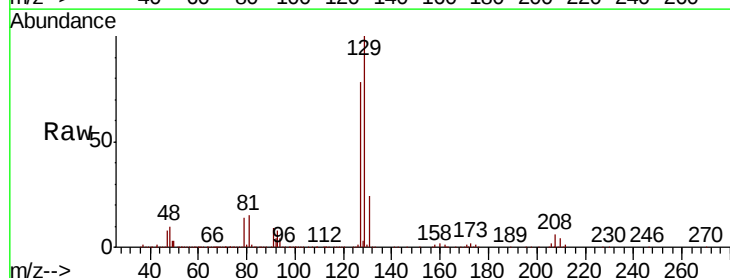
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1553468
Ion Ratio Lower Upper
43 100
58 56.4 27.7 83.1



#60
Dibromochloromethane
Concen: 46.735 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Tgt Ion: 129 Resp: 379136
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8

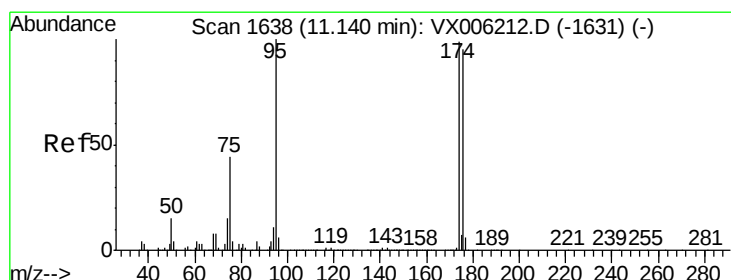
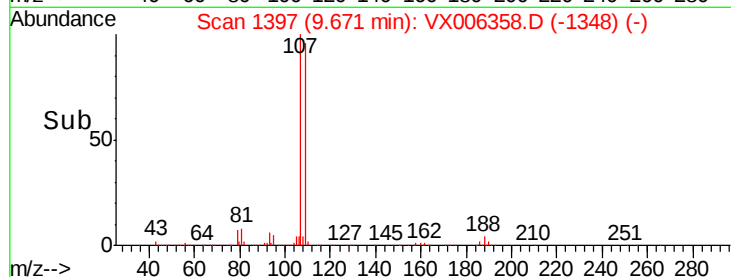
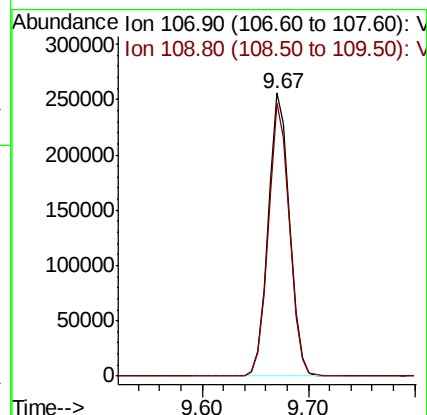
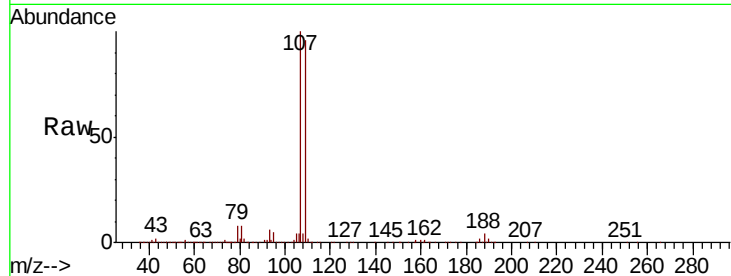




#61
 1,2-Dibromoethane
 Concen: 49.078 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX006358.D
 Acq: 07 Dec 2018 20:05

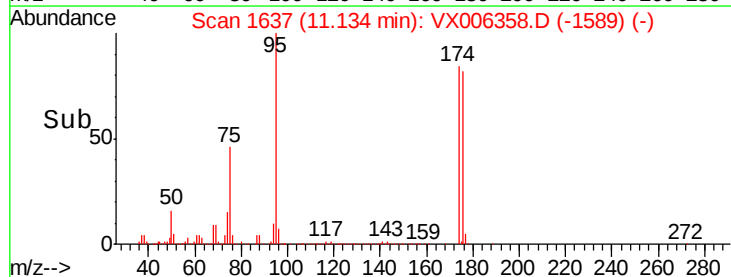
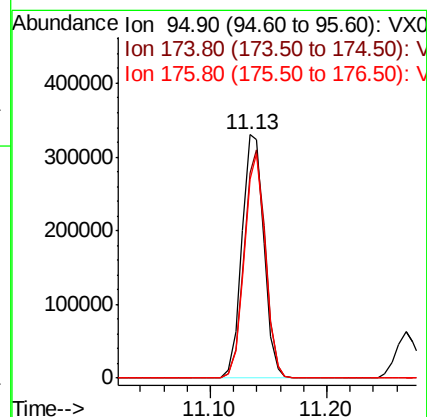
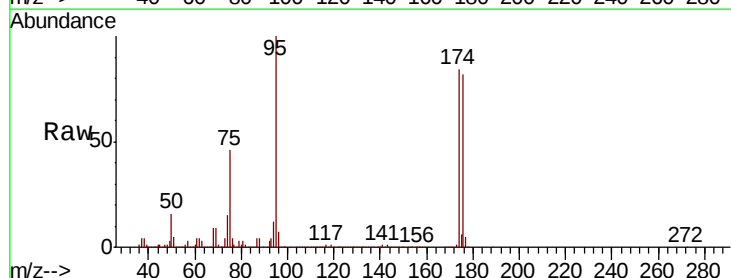
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:107 Resp: 361030
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 50.119 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006358.D
 Acq: 07 Dec 2018 20:05

Tgt Ion: 95 Resp: 434081
 Ion Ratio Lower Upper
 95 100
 174 91.2 0.0 187.0
 176 88.3 0.0 181.8

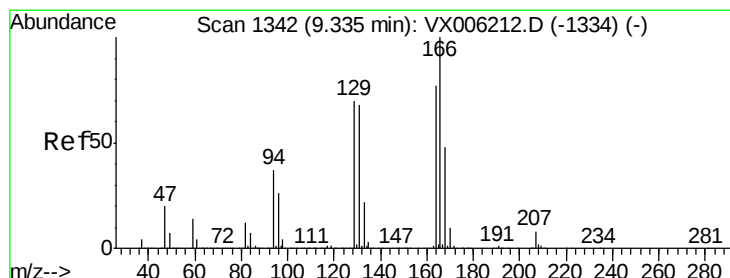
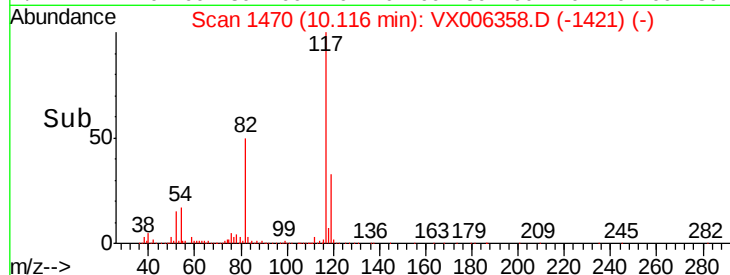
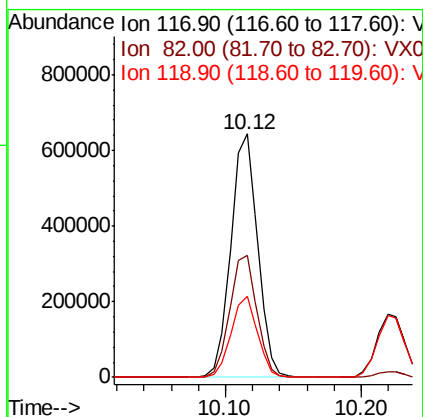
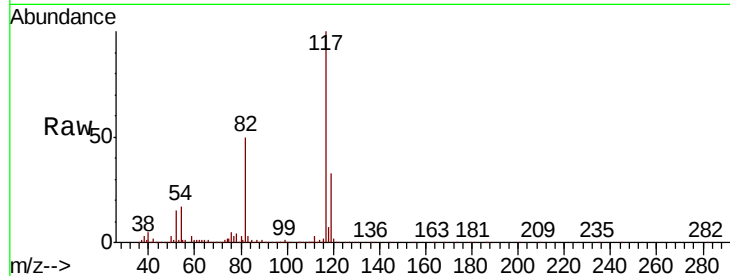




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

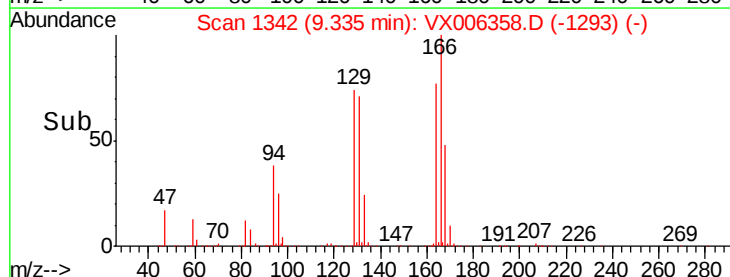
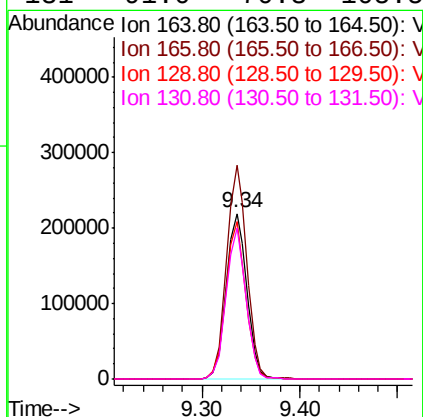
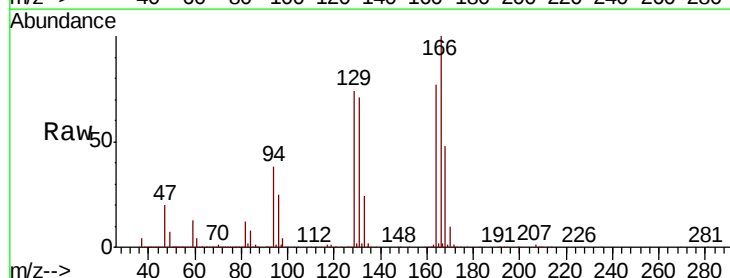
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

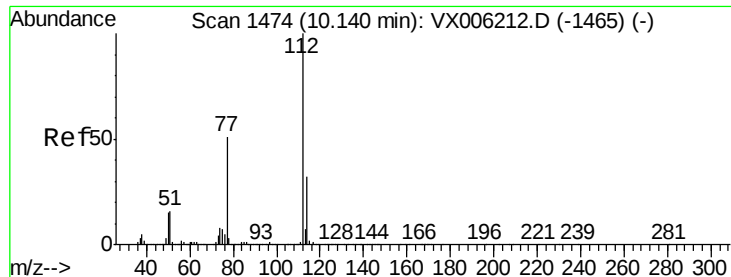
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.9	39.6	59.4
119	33.1	26.3	39.5



#64
Tetrachloroethene
Concen: 48.291 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	104.2	156.2
129	95.3	72.6	108.8
131	91.0	70.3	105.5

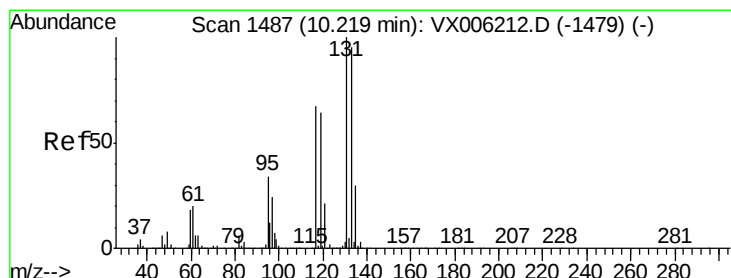
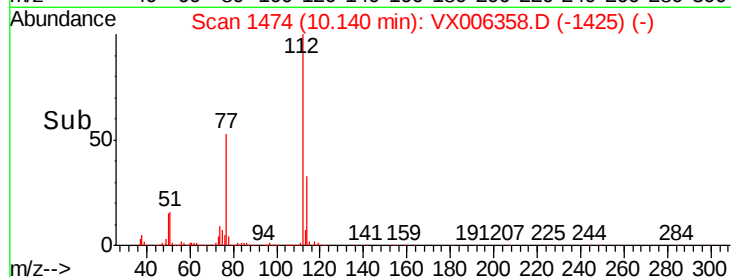
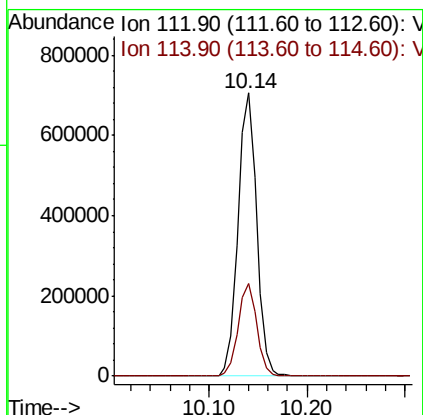
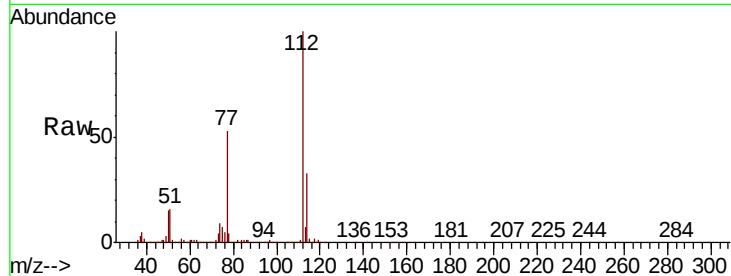




#65
Chlorobenzene
Concen: 49.970 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

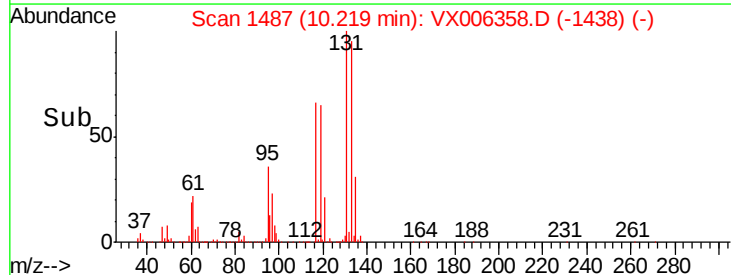
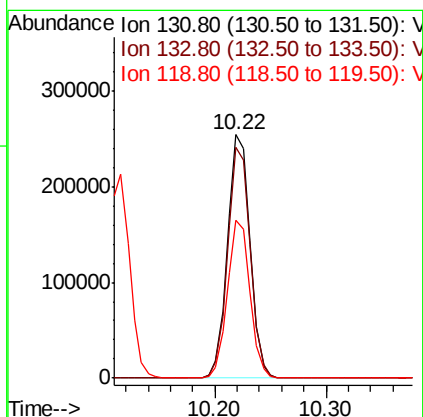
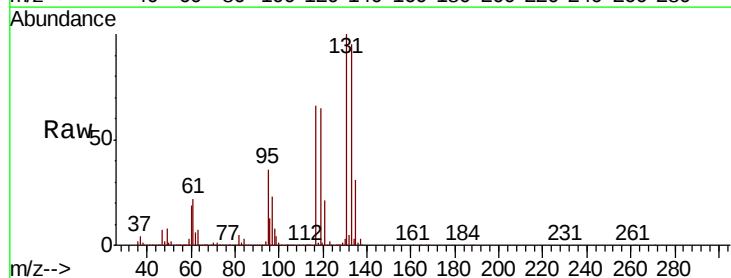
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

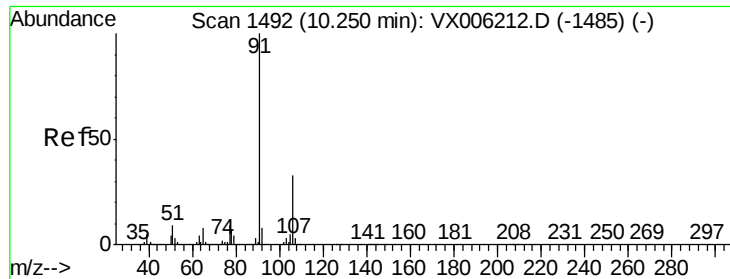
Tot Ion:112 Resp: 934751
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.996 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Tgt Ion:131 Resp: 356101
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.4
119 64.7 32.1 96.3

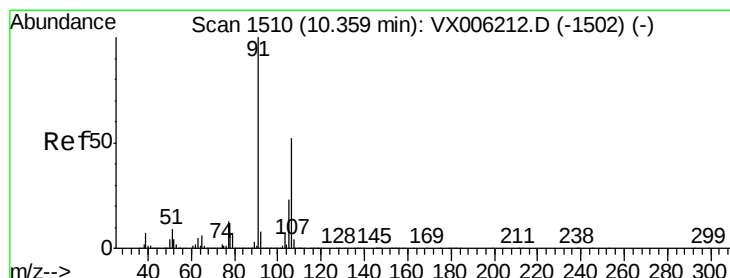
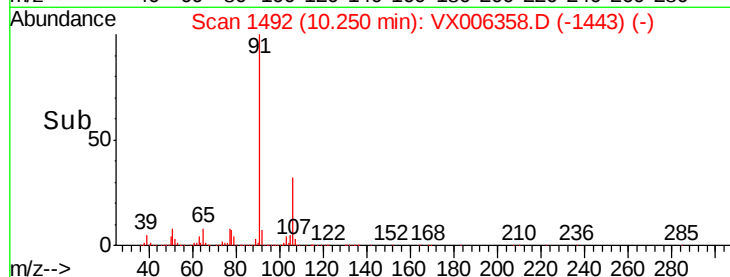
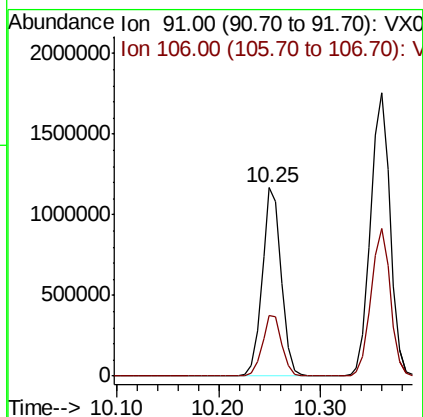
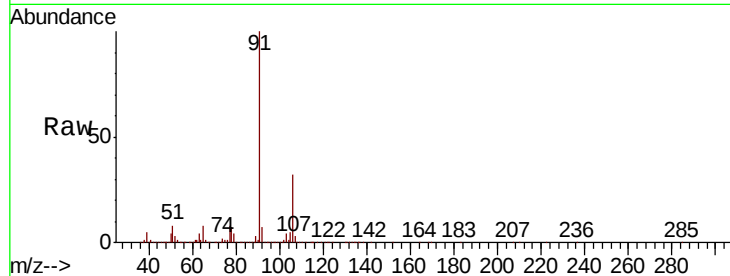




#67
Ethyl Benzene
Concen: 48.880 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

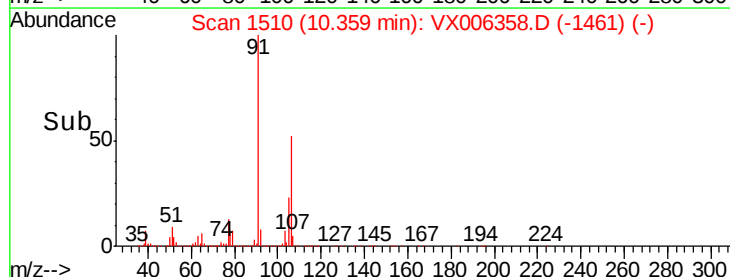
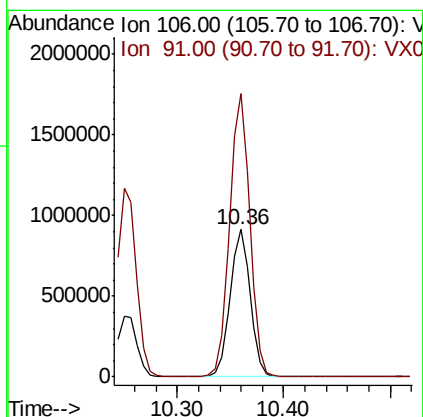
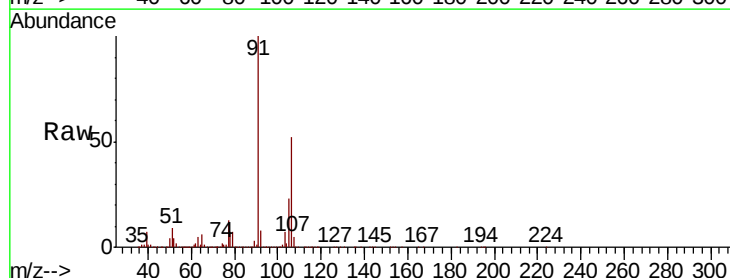
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1520746
Ion Ratio Lower Upper
91 100
106 32.3 26.5 39.7



#68
m/p-Xylenes
Concen: 97.652 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Tgt Ion: 106 Resp: 1216996
Ion Ratio Lower Upper
106 100
91 193.1 155.2 232.8

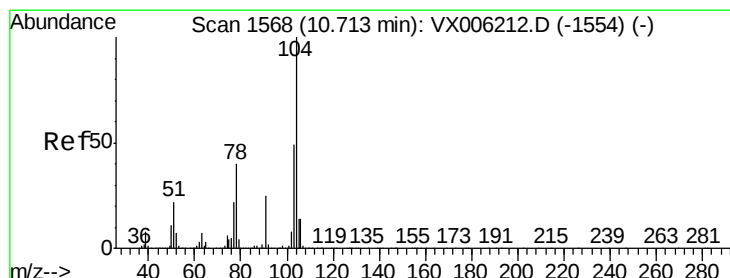
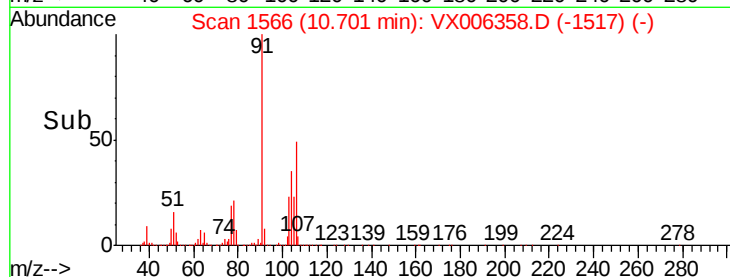
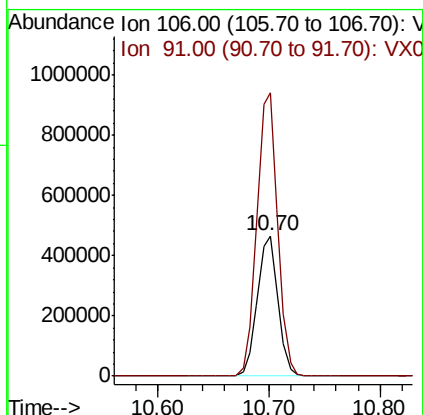
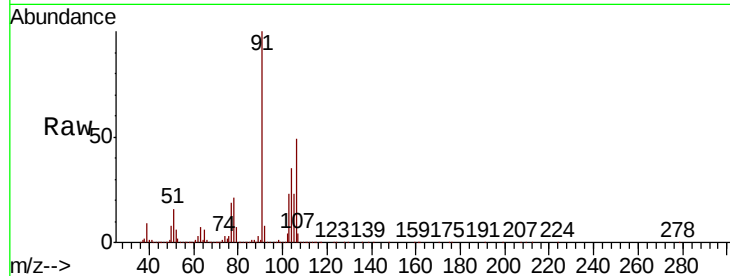




#69
o-Xylene
Concen: 49.066 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

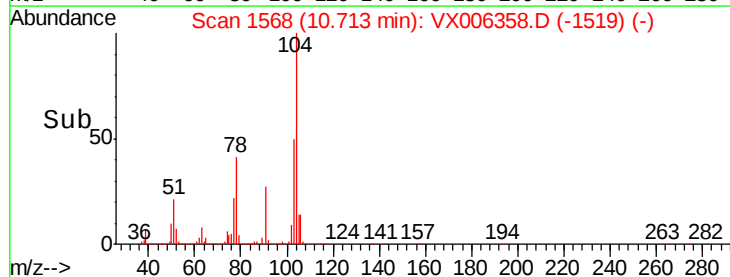
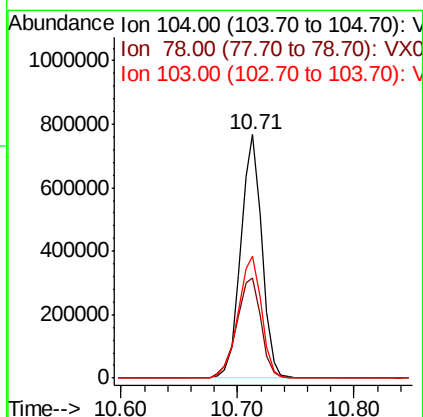
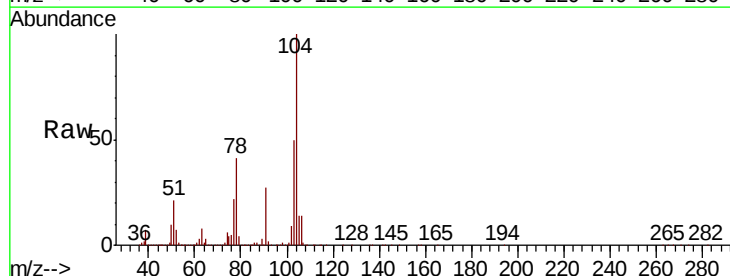
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

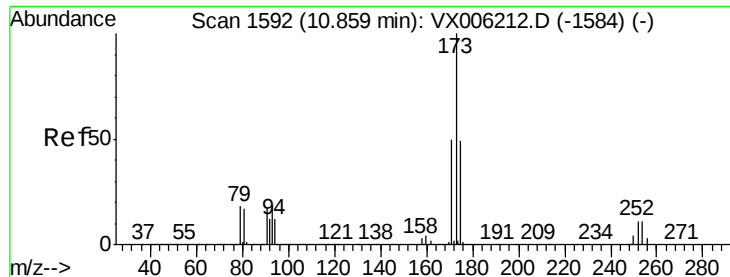
Tot Ion:106 Resp: 604000
Ion Ratio Lower Upper
106 100
91 202.9 101.8 305.6



#70
Styrene
Concen: 48.650 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Tgt Ion:104 Resp: 968618
Ion Ratio Lower Upper
104 100
78 47.6 37.2 55.8
103 55.7 43.5 65.3





#71

Bromoform

Concen: 44.005 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

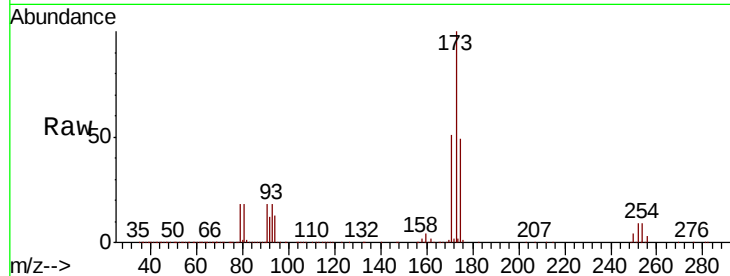
Tot Ion:173 Resp: 301911

Ion Ratio Lower Upper

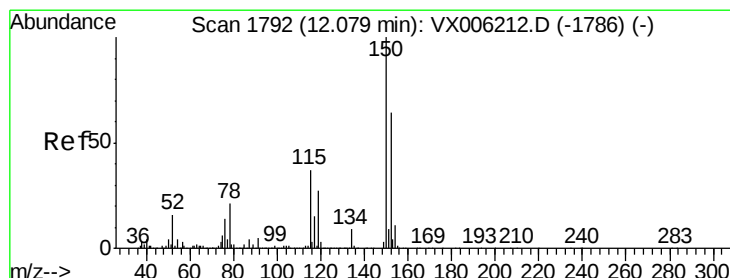
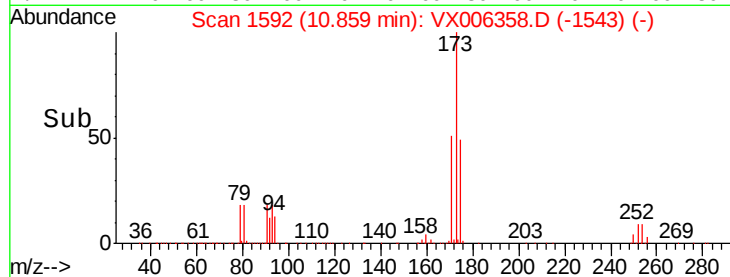
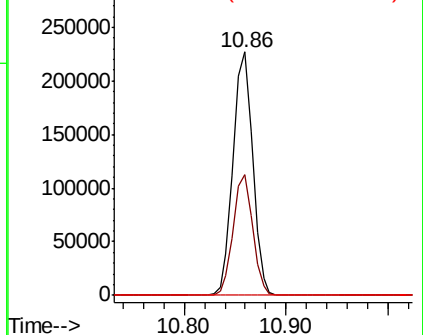
173 100

175 49.1 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: VX006358.D

Acq: 07 Dec 2018 20:05

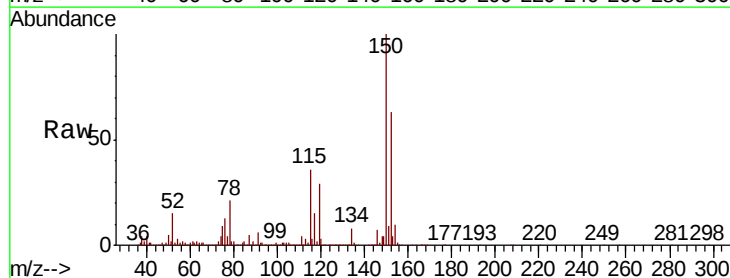
Tgt Ion:152 Resp: 454693

Ion Ratio Lower Upper

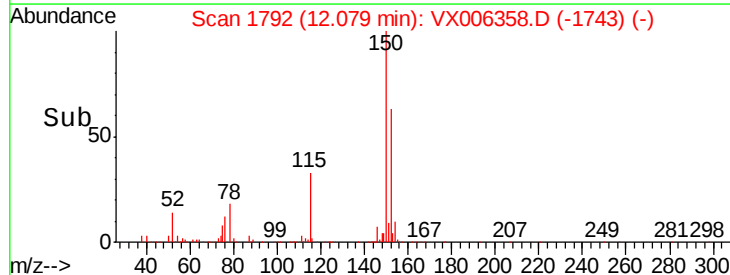
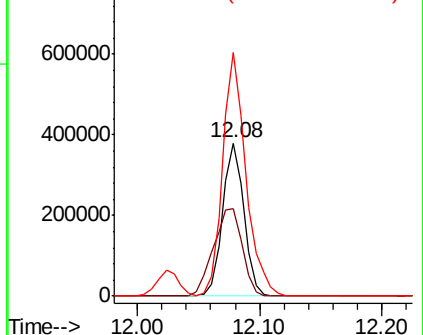
152 100

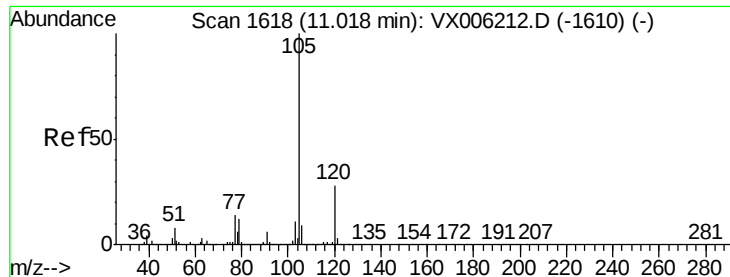
115 78.4 39.0 116.9

150 174.2 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: 50.797 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

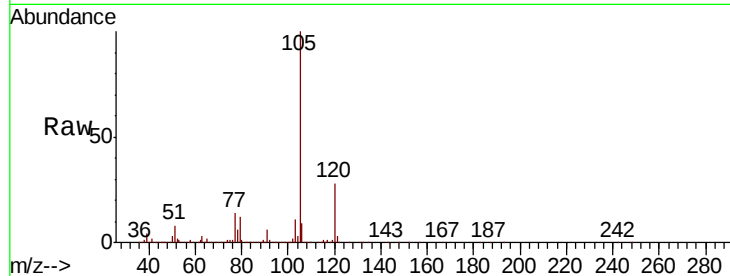
VSTDCCC050EC

Tot Ion:105 Resp: 1595045

Ion Ratio Lower Upper

105 100

120 28.1 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

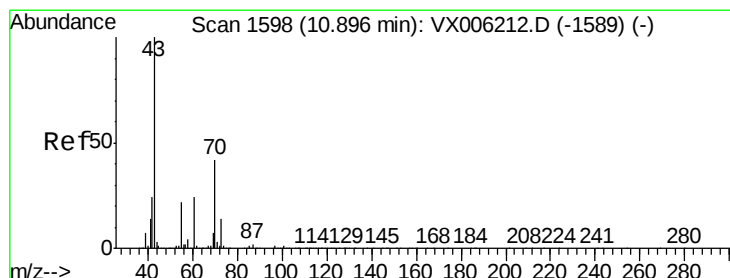
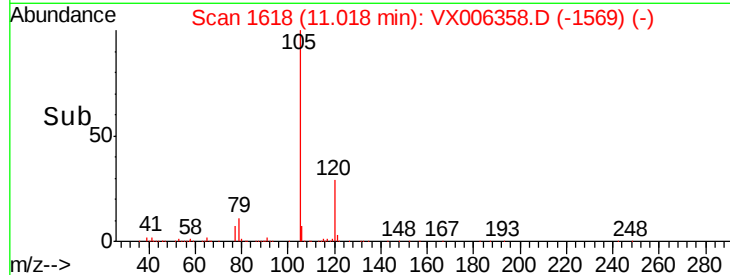
1500000

1000000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 45.057 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Tgt Ion: 43 Resp: 609242

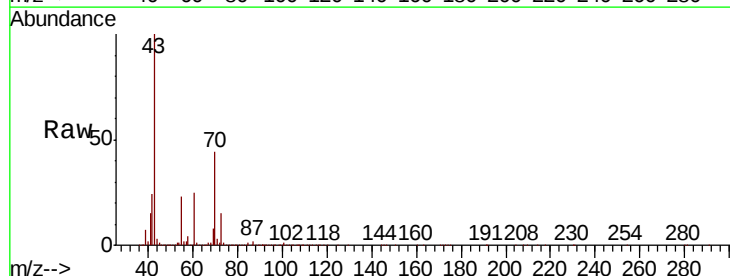
Ion Ratio Lower Upper

43 100

70 44.7 34.1 51.1

55 23.7 17.8 26.8

61 25.7 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

800000

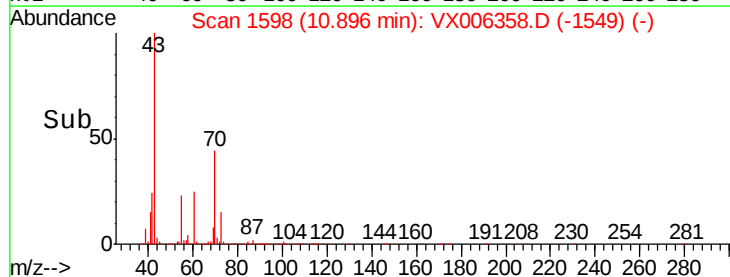
600000

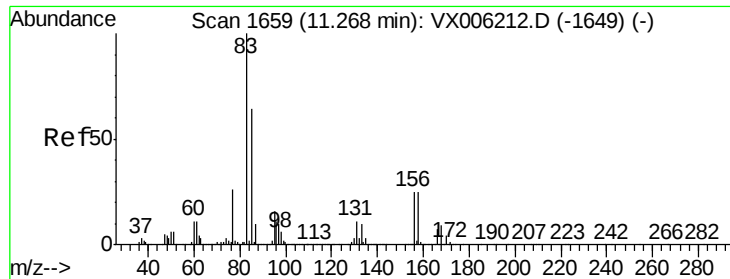
400000

200000

0

Time--> 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 49.053 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

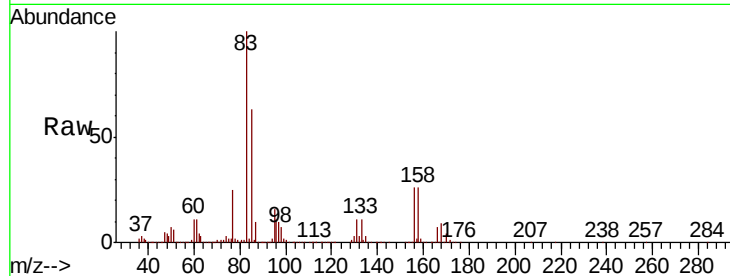
Tot Ion: 83 Resp: 492774

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

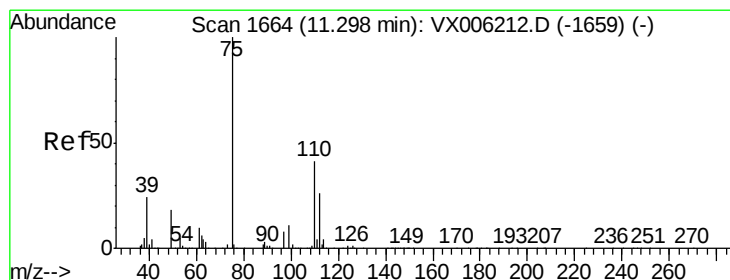
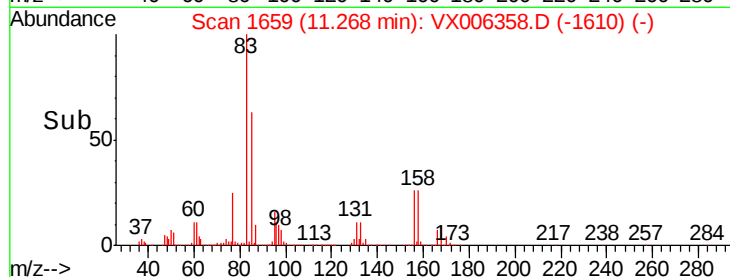
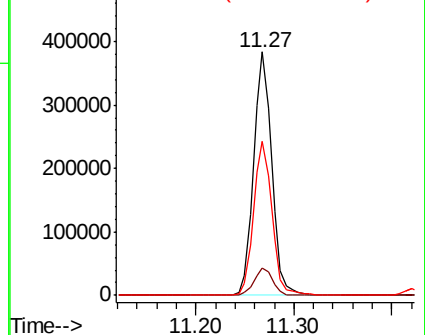
85 64.0 32.1 96.5



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: 65.585 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006358.D

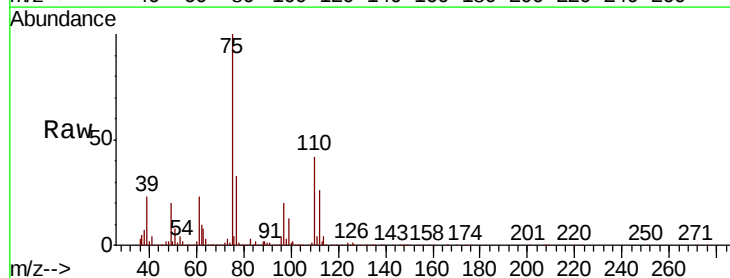
Acq: 07 Dec 2018 20:05

Tgt Ion: 75 Resp: 575597

Ion Ratio Lower Upper

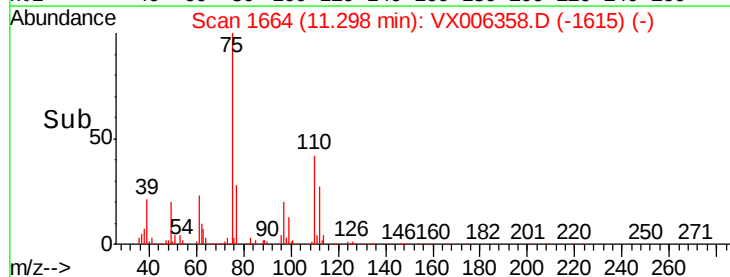
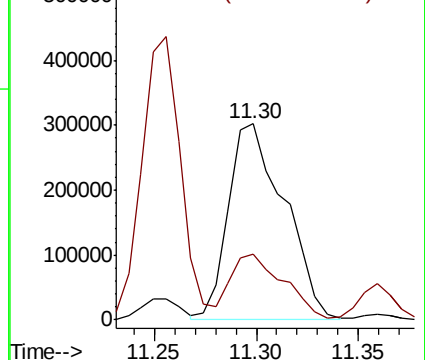
75 100

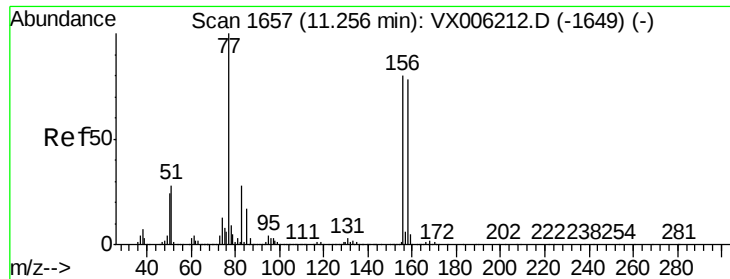
77 31.7 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.294 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

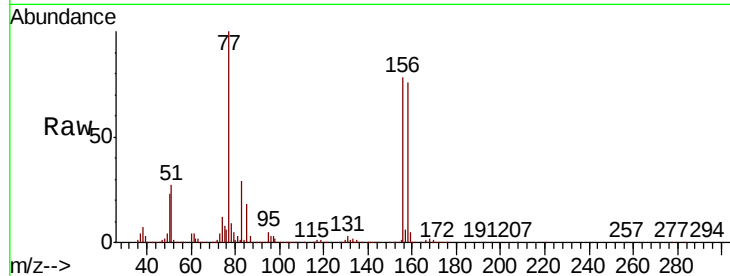
Tot Ion:156 Resp: 429558

Ion Ratio Lower Upper

156 100

77 134.2 66.2 198.6

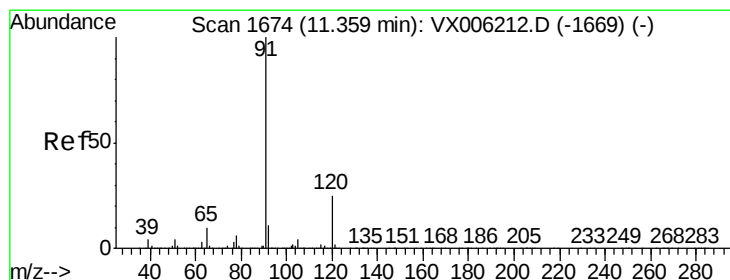
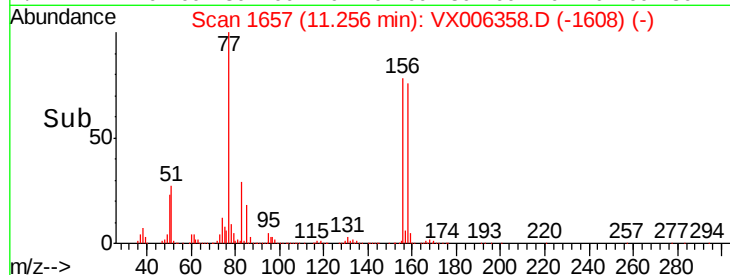
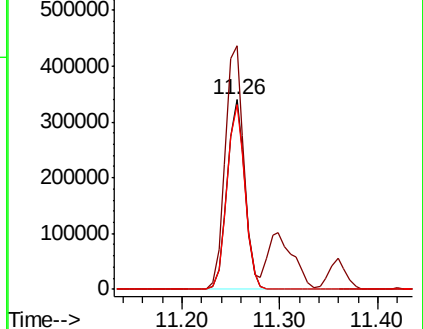
158 98.4 48.8 146.4



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: 50.189 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006358.D

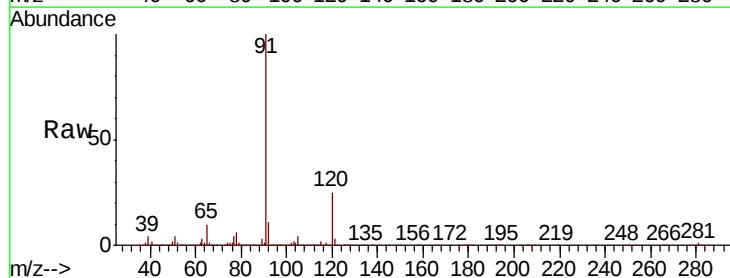
Acq: 07 Dec 2018 20:05

Tgt Ion: 91 Resp: 1751827

Ion Ratio Lower Upper

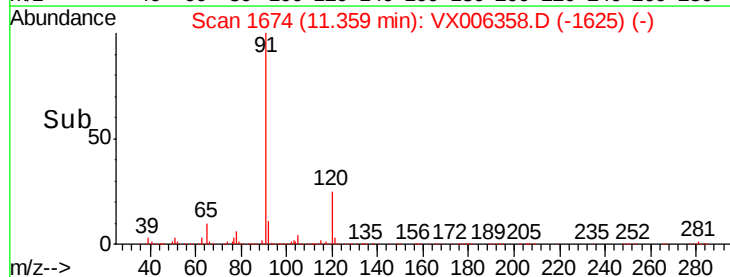
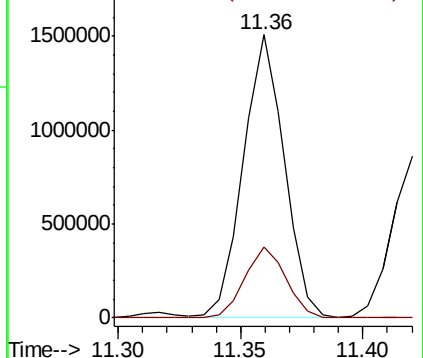
91 100

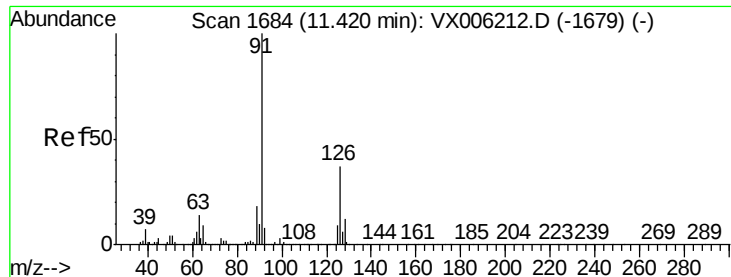
120 25.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.808 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

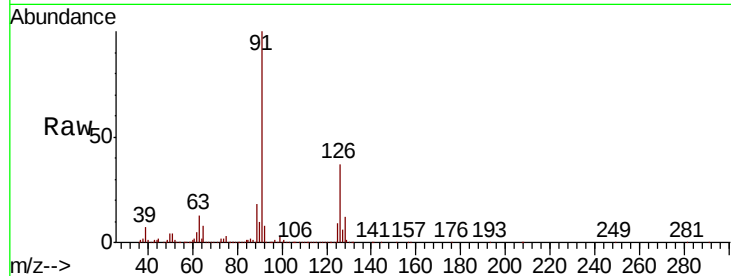
VSTDCCC050EC

Tot Ion: 91 Resp: 1033325

Ion Ratio Lower Upper

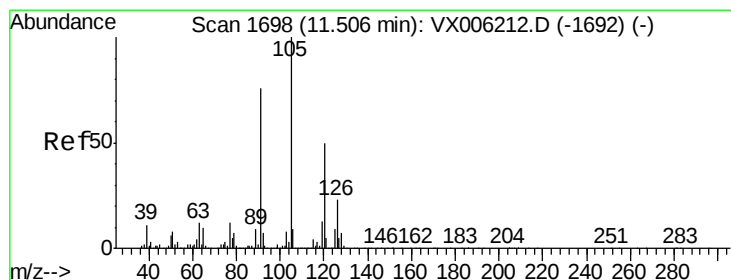
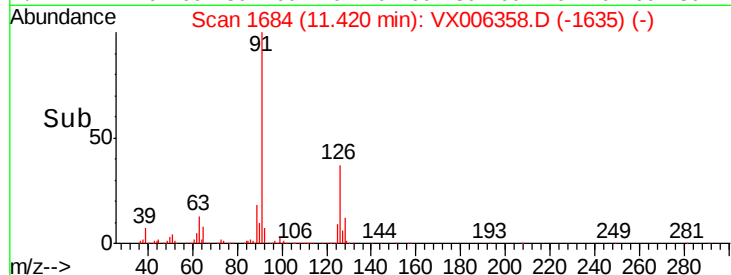
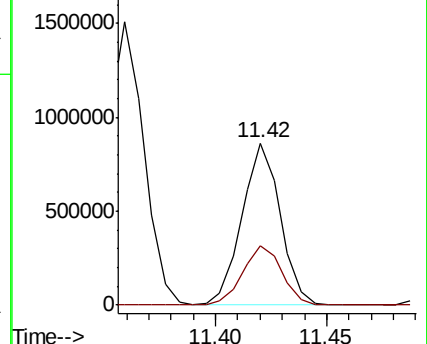
91 100

126 37.8 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.239 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006358.D

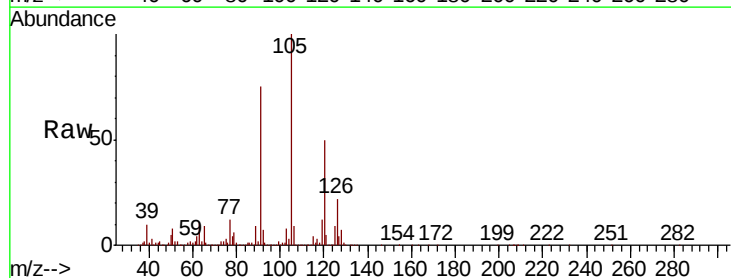
Acq: 07 Dec 2018 20:05

Tgt Ion:105 Resp: 1312543

Ion Ratio Lower Upper

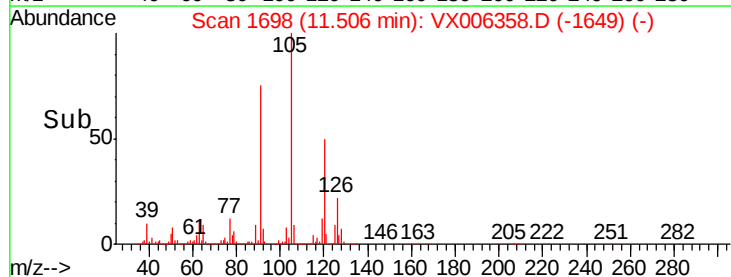
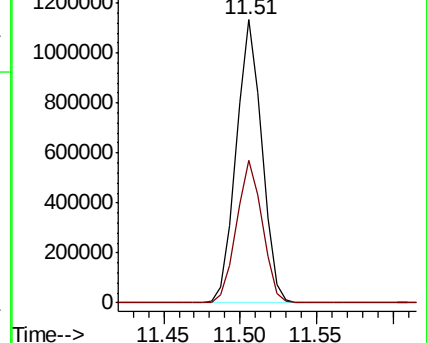
105 100

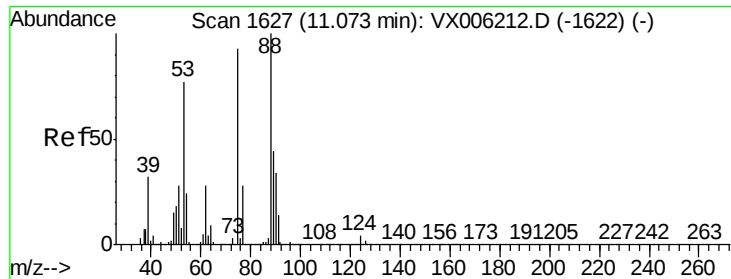
120 50.6 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

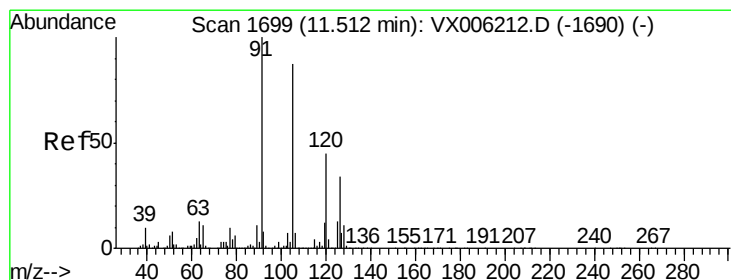
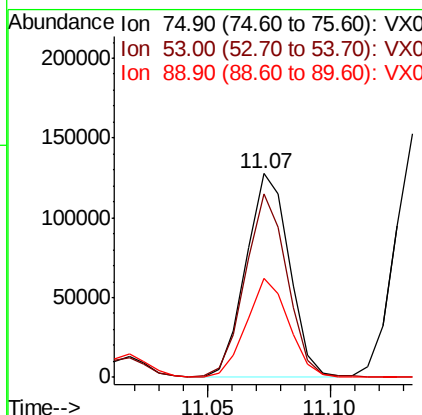
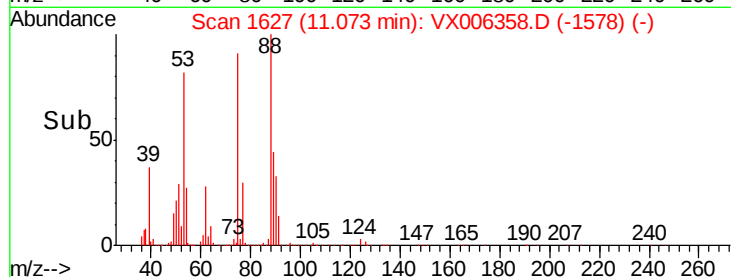
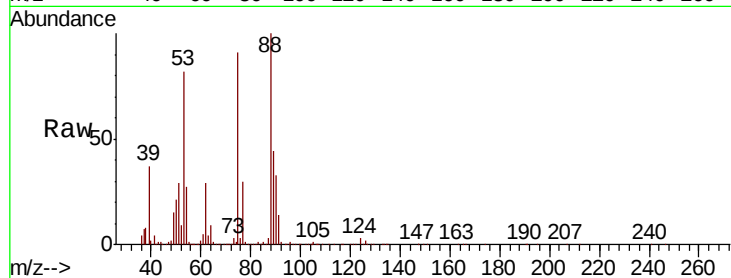




#81
trans-1,4-Dichloro-2-butene
Concen: 42.171 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

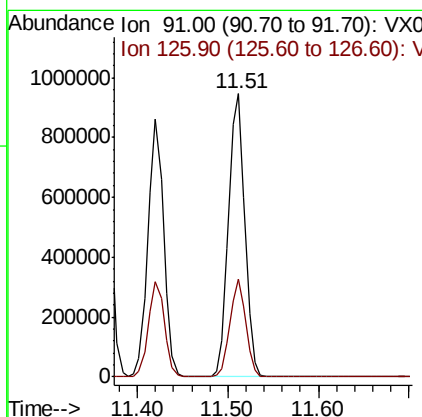
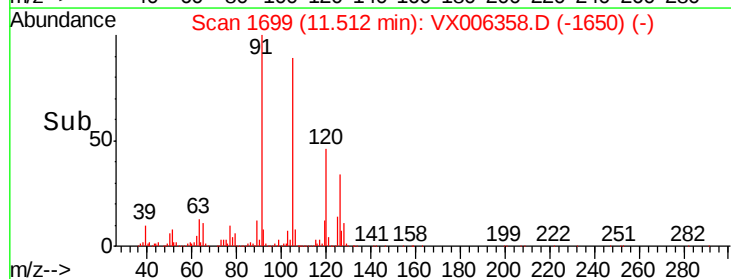
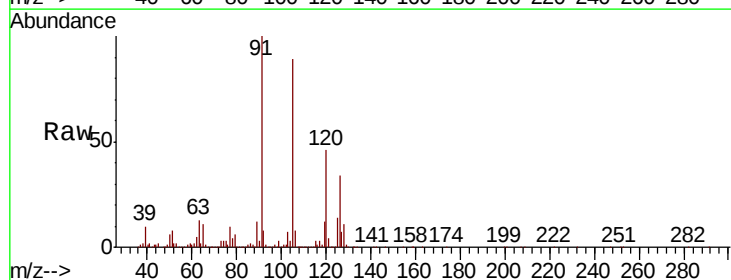
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

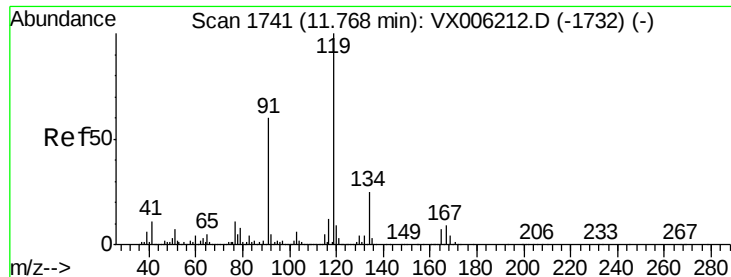
Tot Ion: 75 Resp: 157710
Ion Ratio Lower Upper
75 100
53 86.5 64.4 96.6
89 47.4 44.2 66.4



#82
4-Chlorotoluene
Concen: 49.389 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006358.D
Acq: 07 Dec 2018 20:05

Tgt Ion: 91 Resp: 1191283
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.4



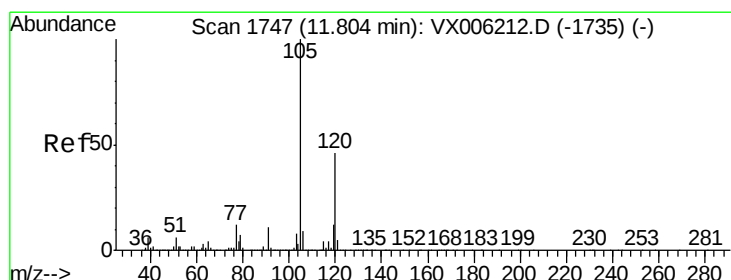
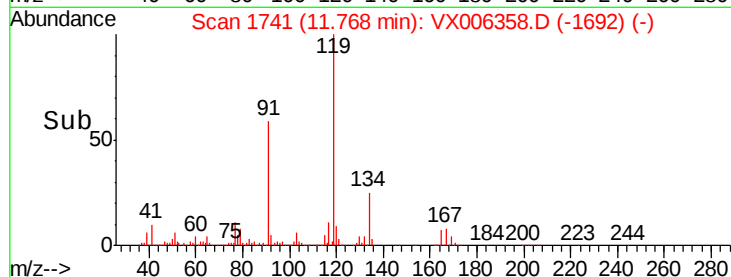
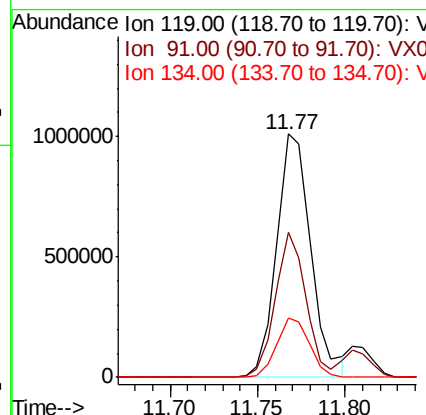
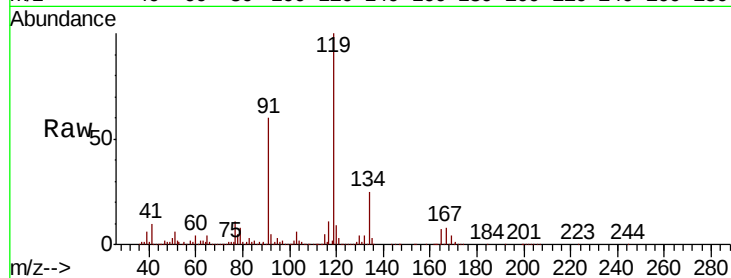


#83
 tert-Butylbenzene
 Concen: 49.868 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006358.D
 Acq: 07 Dec 2018 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 1390095

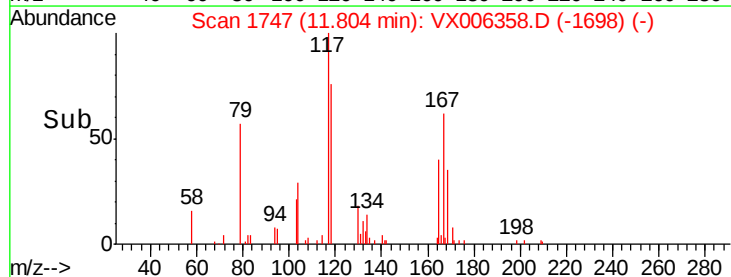
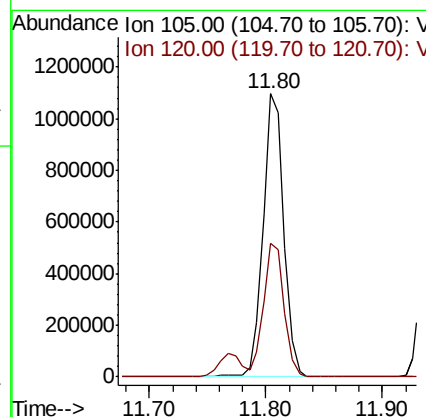
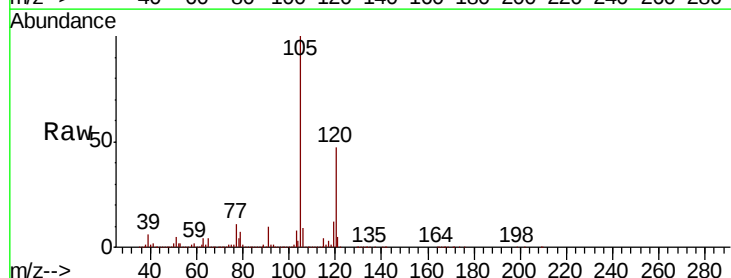
Ion	Ratio	Lower	Upper
119	100		
91	53.5	26.4	79.2
134	23.3	11.6	34.7

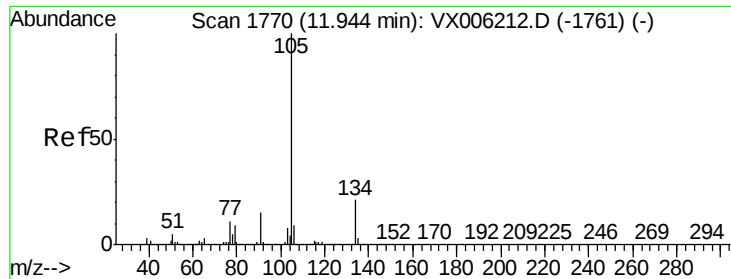


#84
 1,2,4-Trimethylbenzene
 Concen: 50.006 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006358.D
 Acq: 07 Dec 2018 20:05

Tgt Ion:105 Resp: 1349041

Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.4	70.0





#85

sec-Butylbenzene

Concen: 51.081 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

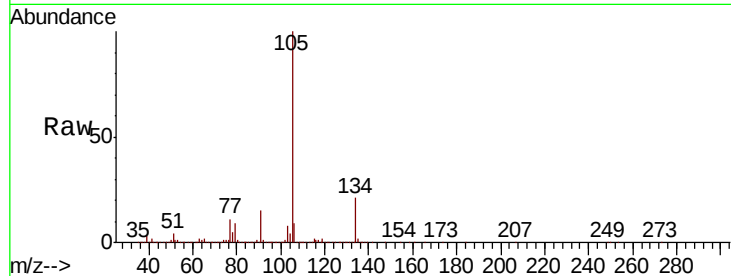
VSTDCCC050EC

Tot Ion:105 Resp: 1619909

Ion Ratio Lower Upper

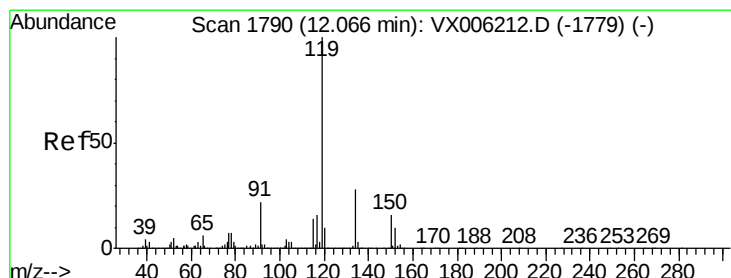
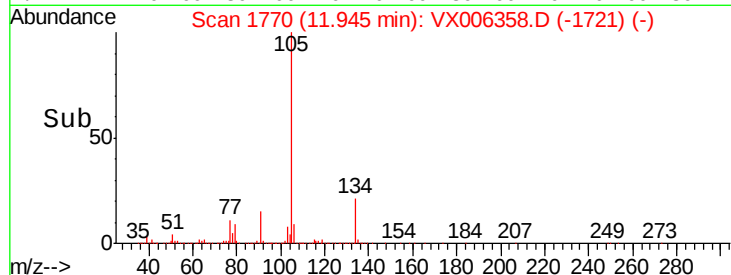
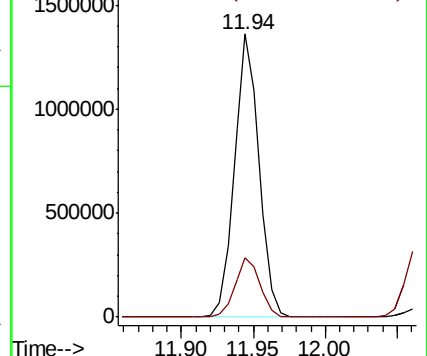
105 100

134 21.5 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.364 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

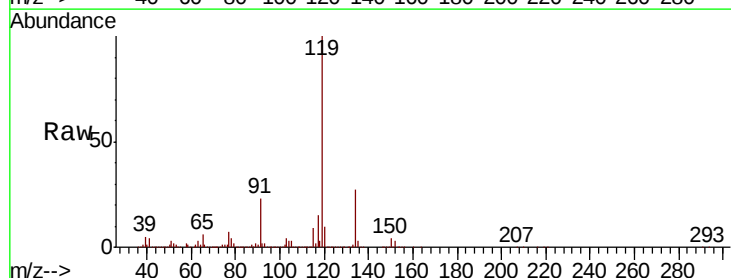
Tgt Ion:119 Resp: 1438182

Ion Ratio Lower Upper

119 100

134 27.6 13.9 41.6

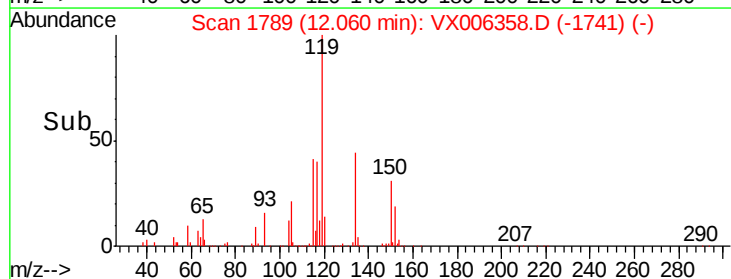
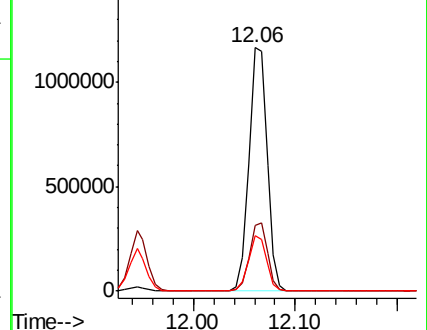
91 22.4 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.709 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

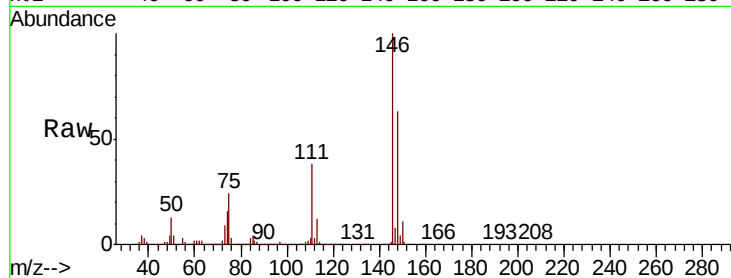
Tot Ion:146 Resp: 770767

Ion Ratio Lower Upper

146 100

111 37.5 18.4 55.2

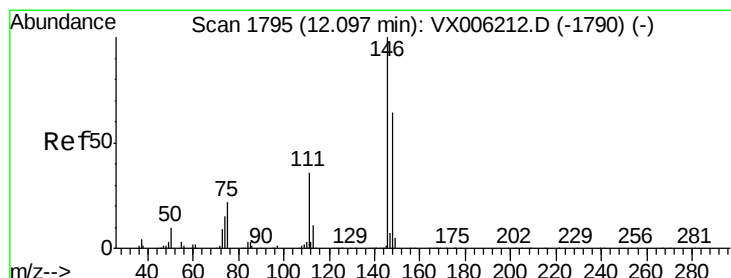
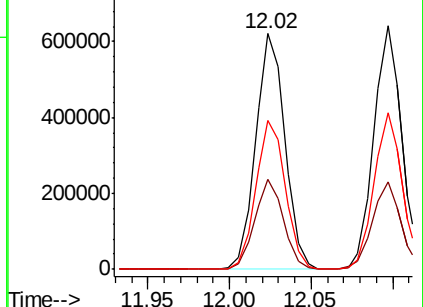
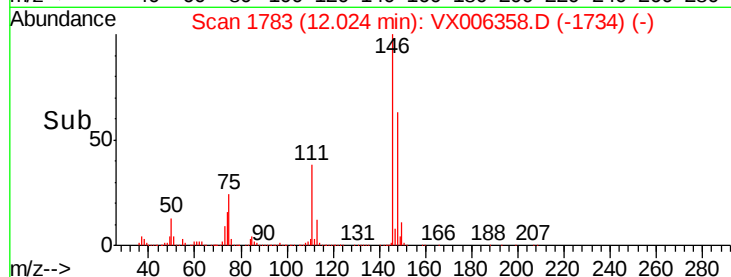
148 63.8 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.432 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

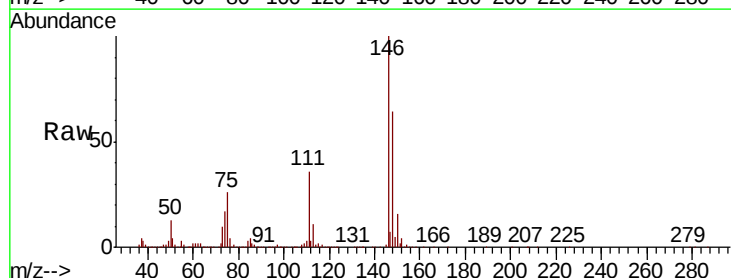
Tgt Ion:146 Resp: 762217

Ion Ratio Lower Upper

146 100

111 36.6 18.3 54.8

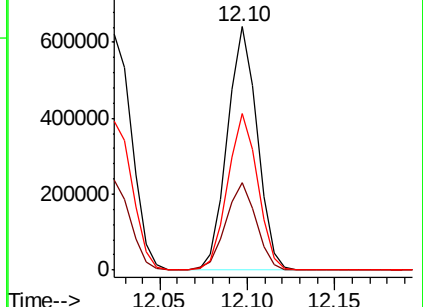
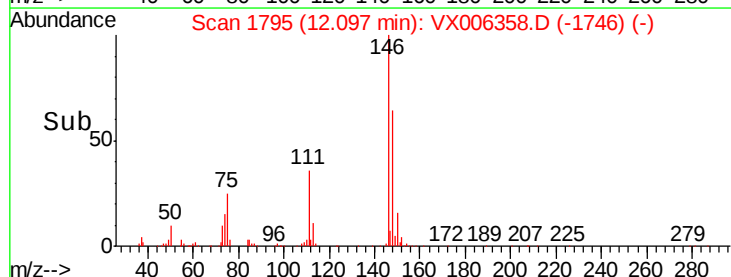
148 64.8 31.9 95.9

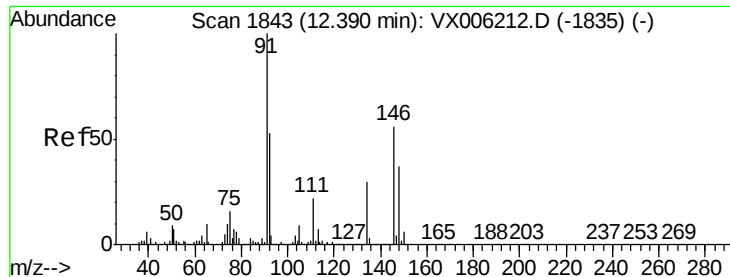


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 49.257 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

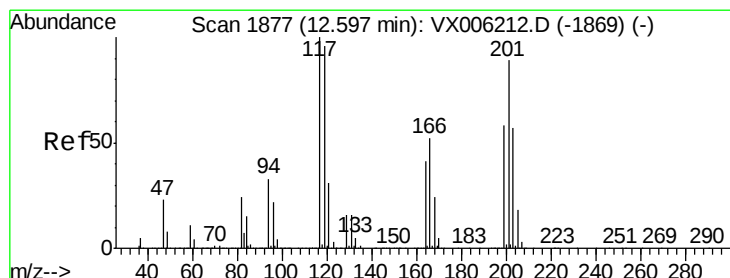
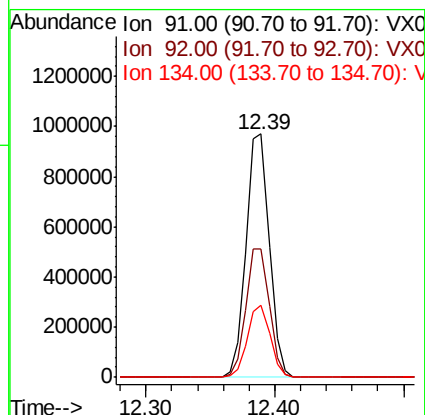
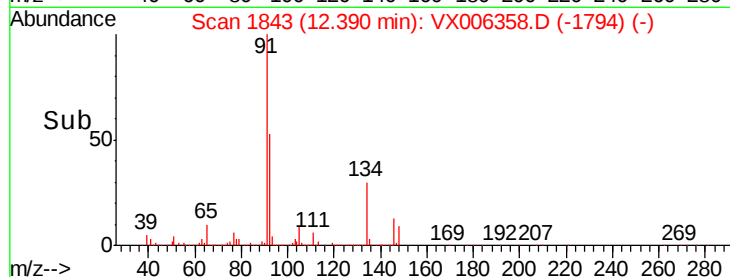
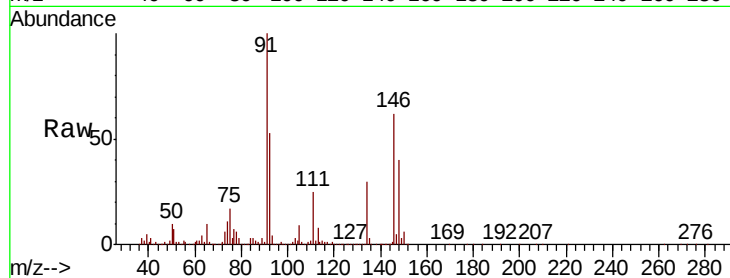
Tot Ion: 91 Resp: 1200163

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.8

134 29.2 14.8 44.3



#90

Hexachloroethane

Concen: 46.667 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006358.D

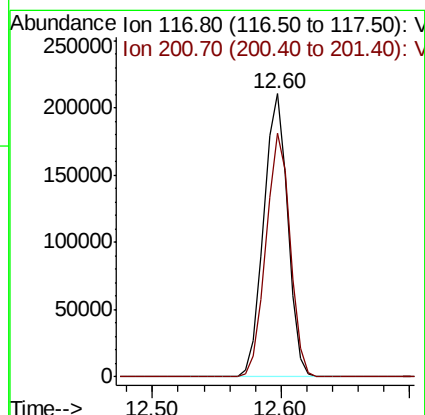
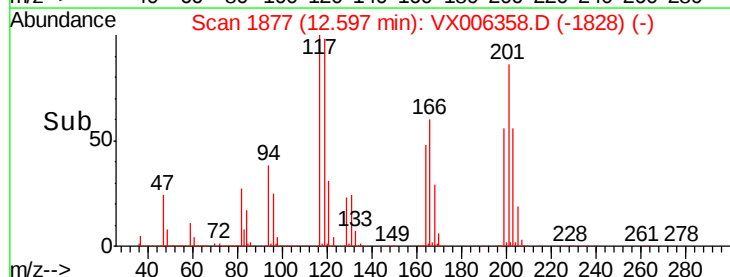
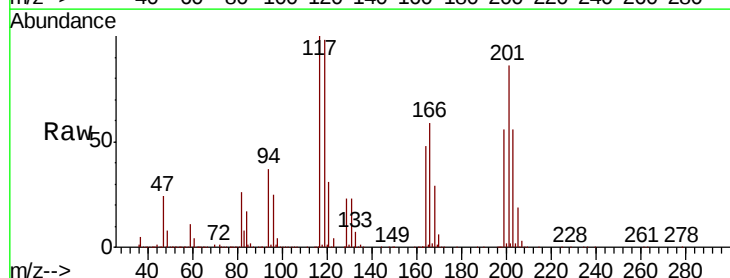
Acq: 07 Dec 2018 20:05

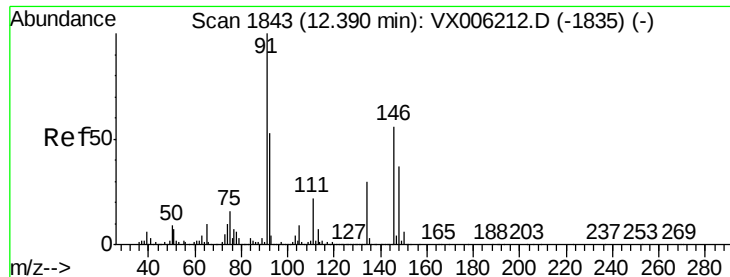
Tgt Ion: 117 Resp: 271601

Ion Ratio Lower Upper

117 100

201 86.6 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 49.115 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

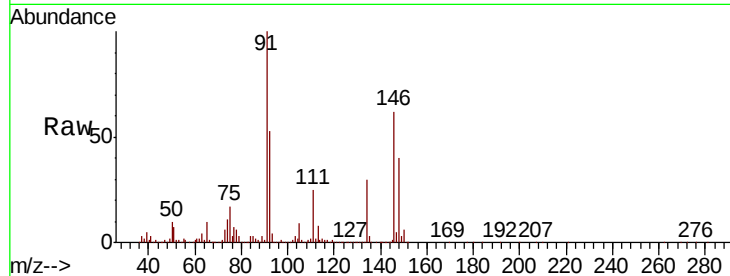
Tot Ion:146 Resp: 755817

Ion Ratio Lower Upper

146 100

111 39.0 19.1 57.3

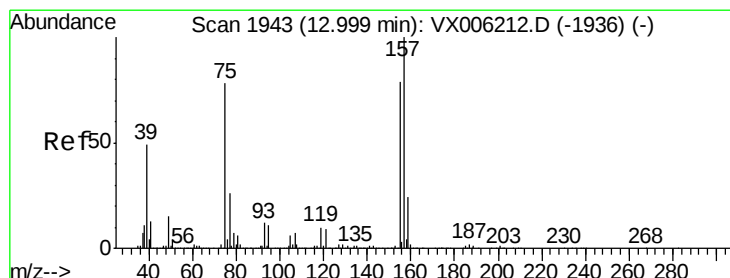
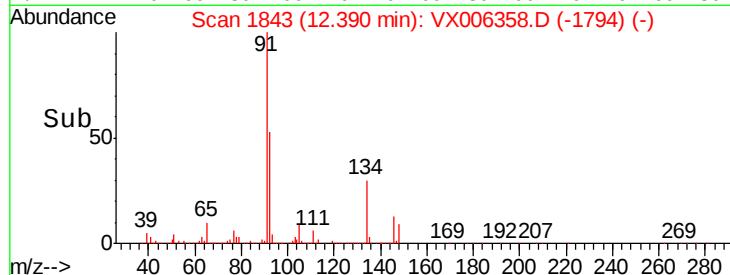
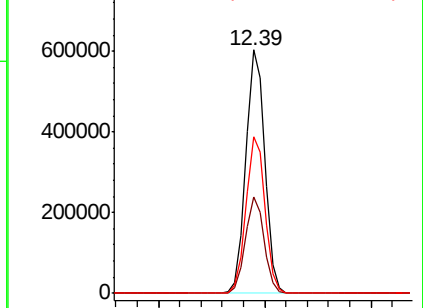
148 64.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.729 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

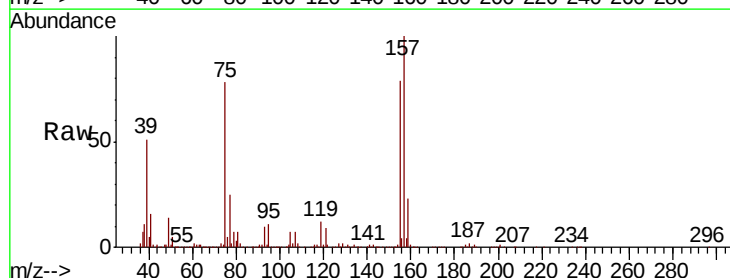
Tgt Ion: 75 Resp: 112608

Ion Ratio Lower Upper

75 100

155 102.2 53.4 160.3

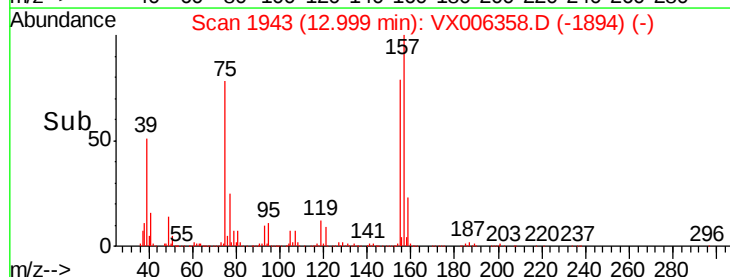
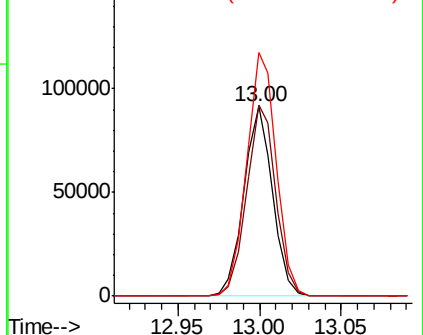
157 131.7 68.0 203.8

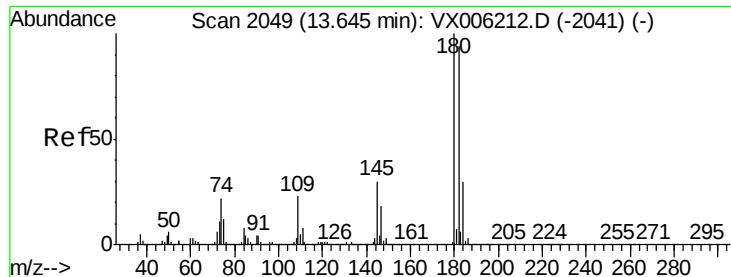


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

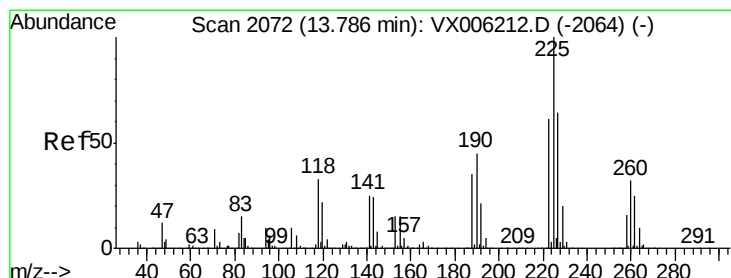
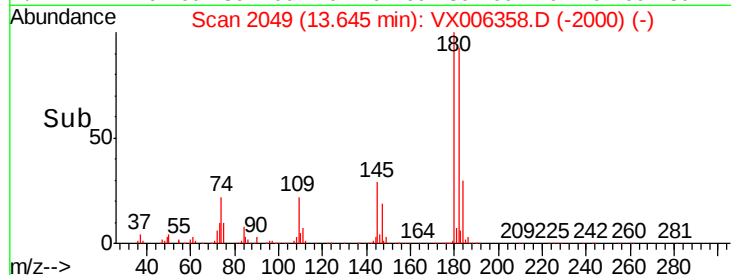
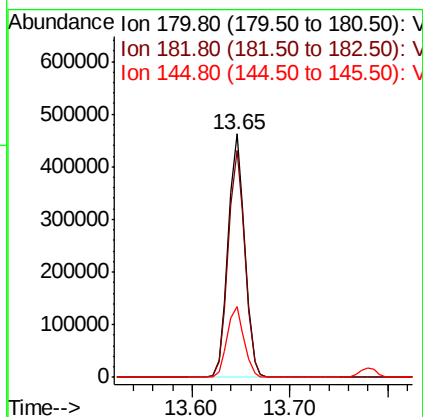
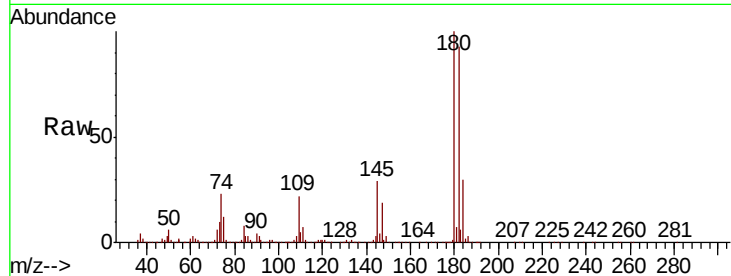




#93
 1,2,4-Trichlorobenzene
 Concen: 48.607 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006358.D
 Acq: 07 Dec 2018 20:05

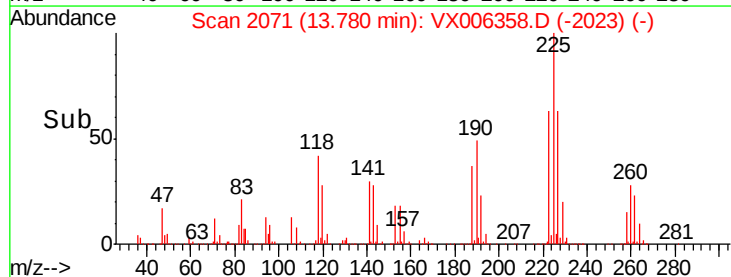
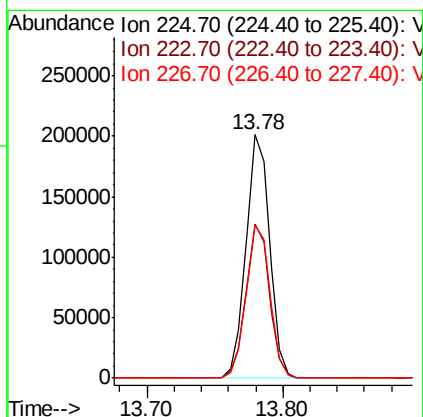
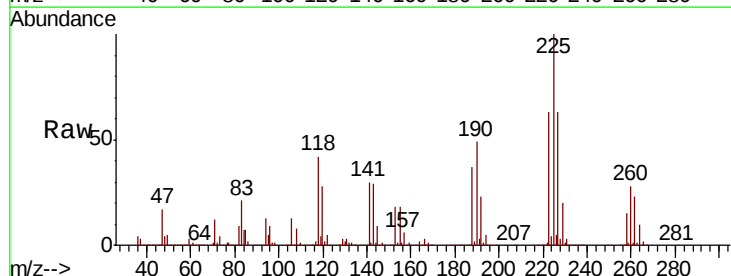
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

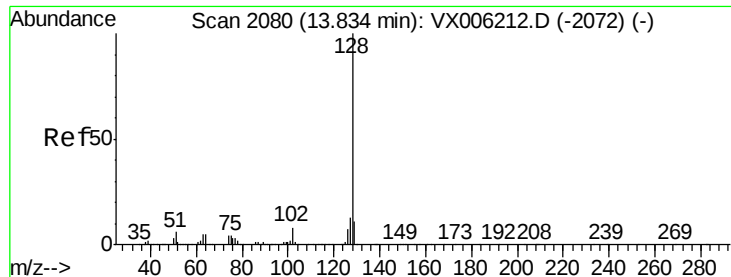
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.3	141.9
145	29.6	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 49.293 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006358.D
 Acq: 07 Dec 2018 20:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.2	93.6
227	63.3	31.9	95.5





#95

Naphthalene

Concen: 49.411 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Instrument :

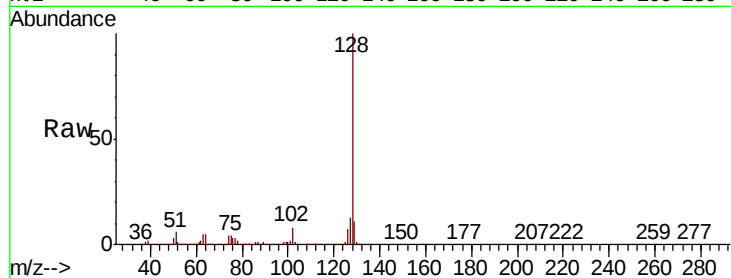
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1725597

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.1	8.9	13.3

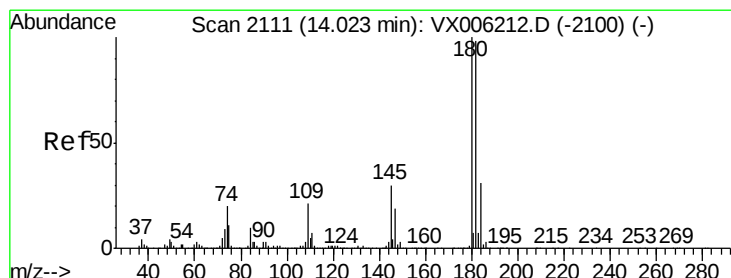
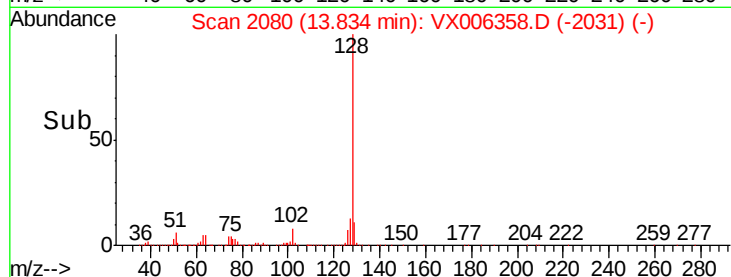
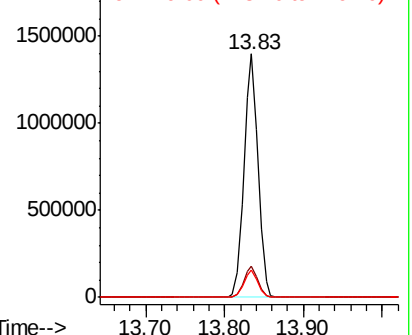


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.741 ug/l

RT: 14.02 min Scan# 2110

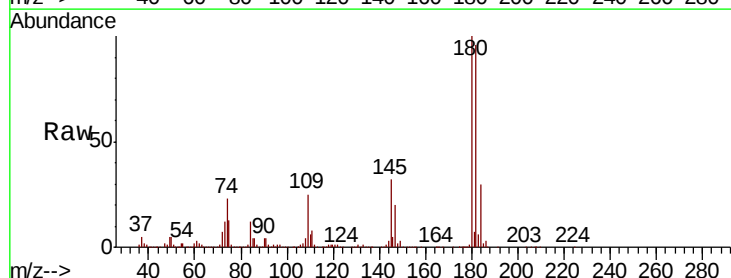
Delta R.T. -0.01 min

Lab File: VX006358.D

Acq: 07 Dec 2018 20:05

Tgt Ion:180 Resp: 542005

Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.4	145.2
145	31.7	15.6	46.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

