

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
 Data File : VX006561.D
 Acq On : 17 Dec 2018 09:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 18 00:28:33 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	5.66	168	625125	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	941609	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	858579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	459673	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	348365	54.59	ug/l	0.00
Spiked Amount			Recovery	=	109.18%	
35) Dibromofluoromethane	5.50	113	320741	52.61	ug/l	0.00
Spiked Amount			Recovery	=	105.22%	
50) Toluene-d8	8.71	98	1156206	52.14	ug/l	0.00
Spiked Amount			Recovery	=	104.28%	
62) 4-Bromofluorobenzene	11.13	95	451915	54.08	ug/l	0.00
Spiked Amount			Recovery	=	108.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	288427	47.122	ug/l	100
3) Chloromethane	1.33	50	296438	47.129	ug/l	96
4) Vinyl Chloride	1.41	62	319745	47.232	ug/l	97
5) Bromomethane	1.64	94	287465	61.272	ug/l	96
6) Chloroethane	1.71	64	205288	49.458	ug/l	99
7) Trichlorofluoromethane	1.93	101	515354	49.593	ug/l	97
8) Diethyl Ether	2.19	74	188178	47.848	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	304270	51.494	ug/l	99
10) Methyl Iodide	2.51	142	366951	41.208	ug/l	98
11) Tert butyl alcohol	3.07	59	354857	203.333	ug/l	99
12) 1,1-Dichloroethene	2.37	96	279938	49.489	ug/l	94
13) Acrolein	2.29	56	296478	310.818	ug/l	99
14) Allyl chloride	2.73	41	492464	44.073	ug/l	98
15) Acrylonitrile	3.15	53	830187	227.960	ug/l	100
16) Acetone	2.45	43	782858	261.405	ug/l	98
17) Carbon Disulfide	2.57	76	819965	47.043	ug/l	99
18) Methyl Acetate	2.78	43	453495	45.280	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	962316	47.689	ug/l	99
20) Methylene Chloride	2.86	84	308448	48.394	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	302928	50.254	ug/l	93
22) Diisopropyl ether	3.87	45	944219	54.100	ug/l	96
23) Vinyl Acetate	3.82	43	3843384	258.187	ug/l	98
24) 1,1-Dichloroethane	3.70	63	533887	53.518	ug/l	99
25) 2-Butanone	4.70	43	1106672	258.982	ug/l	100
26) 2,2-Dichloropropane	4.58	77	463487	50.343	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	347641	51.703	ug/l	99
28) Bromochloromethane	5.01	49	222101	50.972	ug/l	97
29) Tetrahydrofuran	5.15	42	716954	241.412	ug/l	98
30) Chloroform	5.21	83	563121	53.716	ug/l	97
31) Cyclohexane	5.57	56	476450	51.680	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	508210	50.951	ug/l	99
36) 1,1-Dichloropropene	5.79	75	412773	52.057	ug/l	99
37) Ethyl Acetate	4.85	43	405274	45.640	ug/l	99
38) Carbon Tetrachloride	5.78	117	445759	47.786	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	561841	54.587	ug/l	98
40) Benzene	6.14	78	1236767	52.077	ug/l	100
41) Methacrylonitrile	5.06	41	229720	47.015	ug/l	98
42) 1,2-Dichloroethane	6.20	62	418642	53.861	ug/l	99
43) Isopropyl Acetate	6.46	43	675882	45.652	ug/l	100
44) Trichloroethene	7.21	130	370344	51.475	ug/l	94
45) 1,2-Dichloropropane	7.51	63	312222	51.728	ug/l	99
46) Dibromomethane	7.66	93	228893	52.508	ug/l	95
47) Bromodichloromethane	7.90	83	437078	51.776	ug/l	100
48) Methyl methacrylate	7.77	41	333561	46.312	ug/l	97
49) 1,4-Dioxane	7.75	88	170833	962.345	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2134773	247.689	ug/l	98
52) Toluene	8.78	92	828488	53.025	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	480800	48.700	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	517187	50.449	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	337667	53.197	ug/l	98
56) Ethyl methacrylate	9.18	69	470076	47.371	ug/l	99
57) 1,3-Dichloropropane	9.37	76	538104	53.610	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1182218	234.775	ug/l	99
59) 2-Hexanone	9.49	43	1654324	251.236	ug/l	100
60) Dibromochloromethane	9.58	129	384736	49.154	ug/l	100
61) 1,2-Dibromoethane	9.67	107	368144	51.870	ug/l	99
64) Tetrachloroethene	9.34	164	350135	54.151	ug/l	98
65) Chlorobenzene	10.13	112	970773	53.264	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	340325	48.059	ug/l	98
67) Ethyl Benzene	10.25	91	1613652	53.233	ug/l	100
68) m/p-Xylenes	10.36	106	1295669	106.705	ug/l	99
69) o-Xylene	10.69	106	634519	52.903	ug/l	99
70) Styrene	10.71	104	1038570	53.539	ug/l	99
71) Bromoform	10.85	173	303642	45.424	ug/l	100
73) Isopropylbenzene	11.02	105	1697274	53.467	ug/l	99
74) N-amyl acetate	10.90	43	572948	41.913	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	503209	49.549	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	587517	66.218	ug/l	87
77) Bromobenzene	11.26	156	449006	50.968	ug/l	98
78) n-propylbenzene	11.36	91	1912016	54.185	ug/l	100
79) 2-Chlorotoluene	11.42	91	1109545	52.903	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1419940	53.761	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	158659	41.965	ug/l	89
82) 4-Chlorotoluene	11.51	91	1307302	53.612	ug/l	100
83) tert-Butylbenzene	11.77	119	1455854	51.661	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1456739	53.413	ug/l	99
85) sec-Butylbenzene	11.94	105	1754586	54.729	ug/l	100
86) p-Isopropyltoluene	12.06	119	1579818	54.724	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	822191	52.451	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	828162	52.052	ug/l	99
89) n-Butylbenzene	12.38	91	1379642	56.010	ug/l	99
90) Hexachloroethane	12.60	117	255971	43.505	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	798196	51.307	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	110406	42.409	ug/l	93

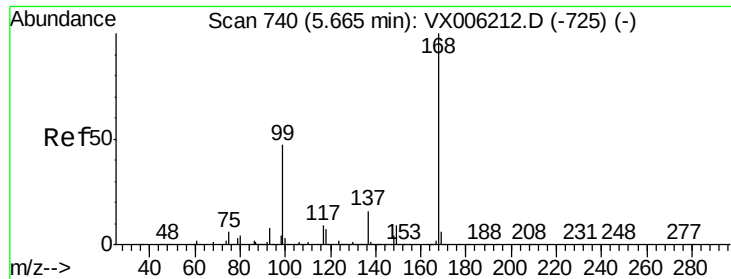
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	592515	52.204	ug/l	100
94) Hexachlorobutadiene	13.78	225	277691	55.323	ug/l	99
95) Naphthalene	13.83	128	1780634	50.434	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	581578	51.733	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

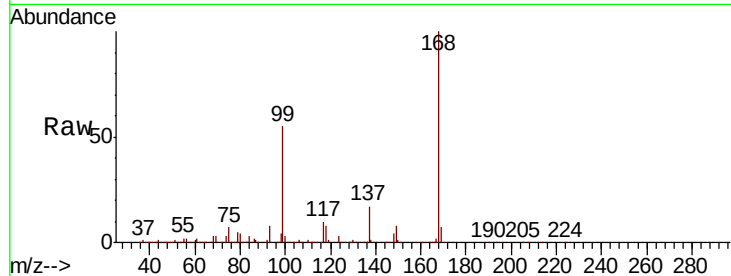
VSTDCCC050

Tot Ion:168 Resp: 625125

Ion Ratio Lower Upper

168 100

99 54.3 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

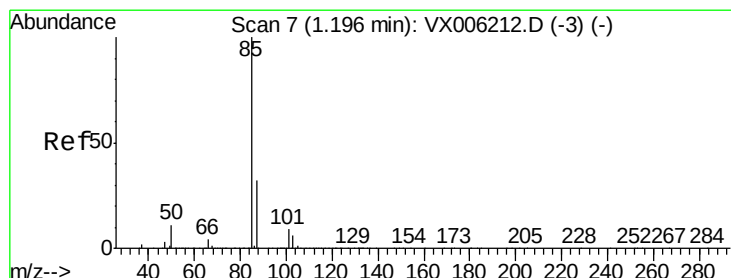
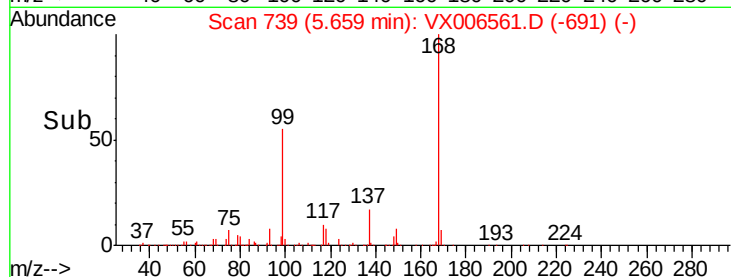
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.122 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX006561.D

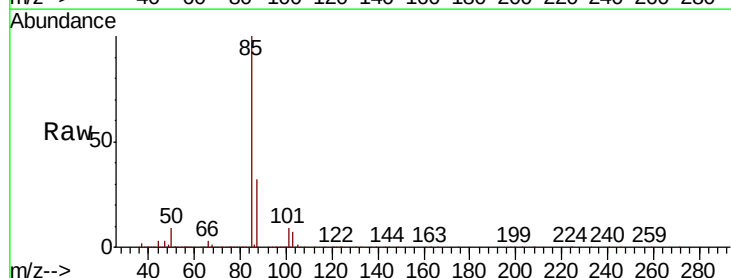
Acq: 17 Dec 2018 09:36

Tgt Ion: 85 Resp: 288427

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

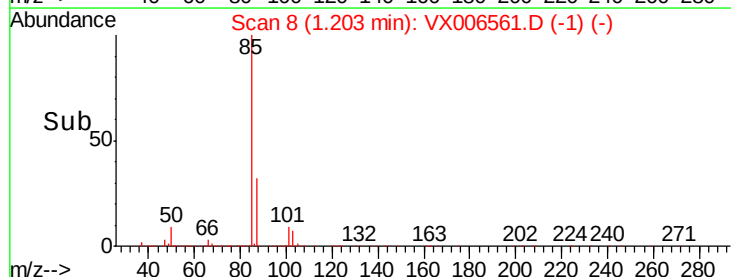
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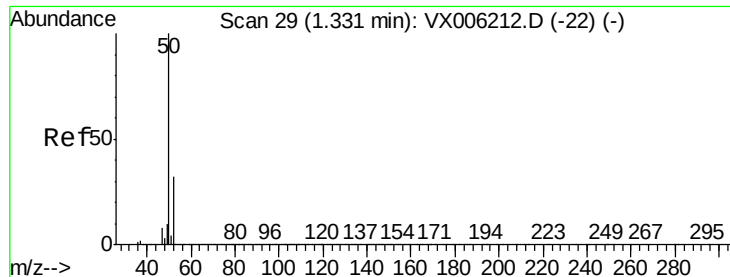
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.129 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

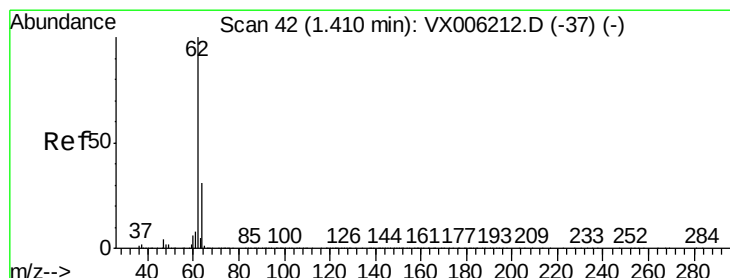
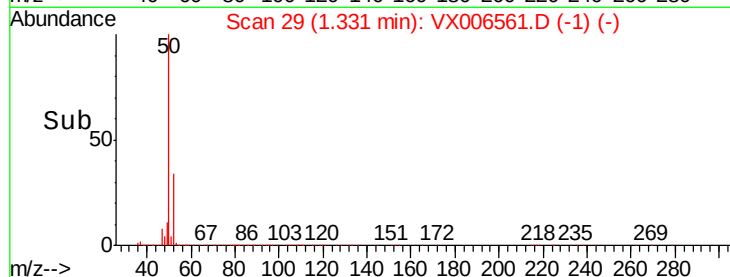
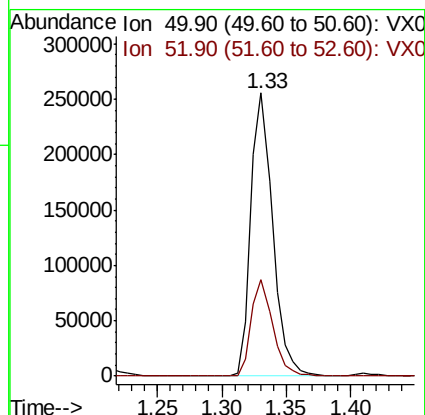
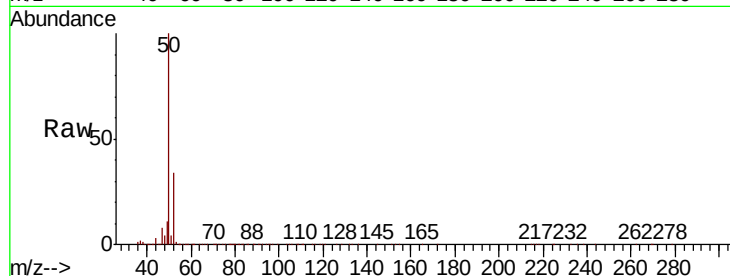
VSTDCCC050

Tot Ion: 50 Resp: 296438

Ion Ratio Lower Upper

50 100

52 34.0 25.2 37.8



#4

Vinyl Chloride

Concen: 47.232 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006561.D

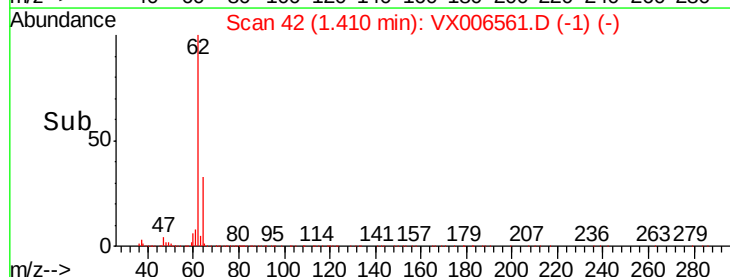
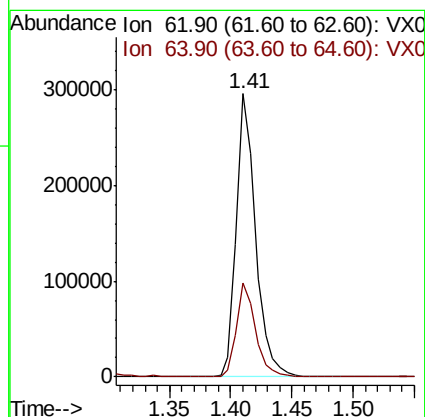
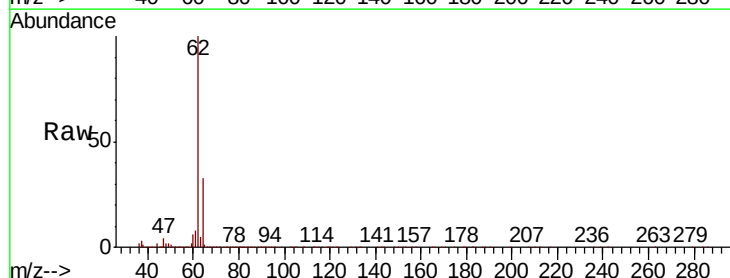
Acq: 17 Dec 2018 09:36

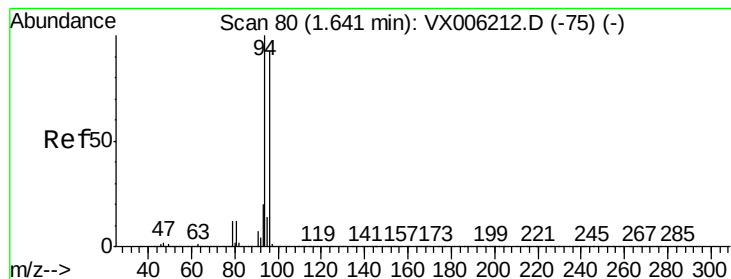
Tgt Ion: 62 Resp: 319745

Ion Ratio Lower Upper

62 100

64 32.9 24.9 37.3





#5

Bromomethane

Concen: 61.272 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

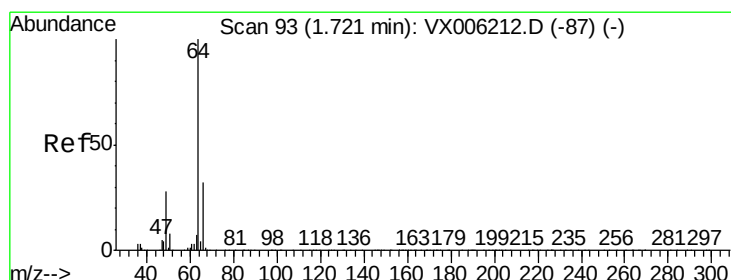
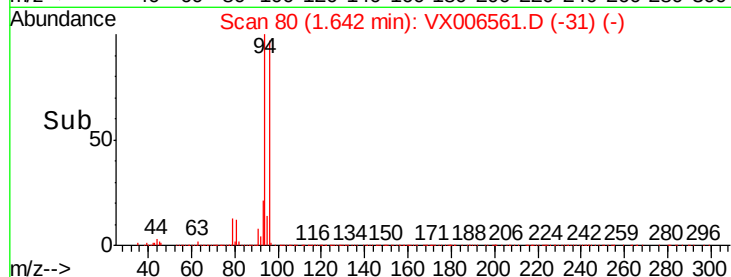
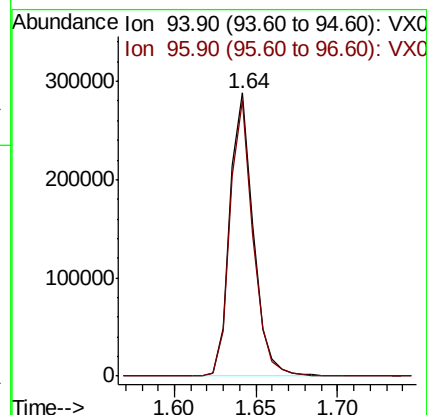
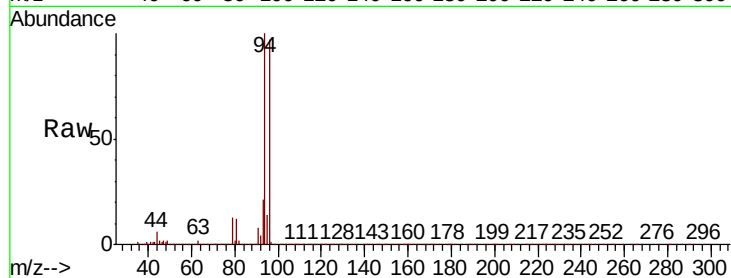
VSTDCCC050

Tot Ion: 94 Resp: 287465

Ion Ratio Lower Upper

94 100

96 97.3 74.5 111.7



#6

Chloroethane

Concen: 49.458 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006561.D

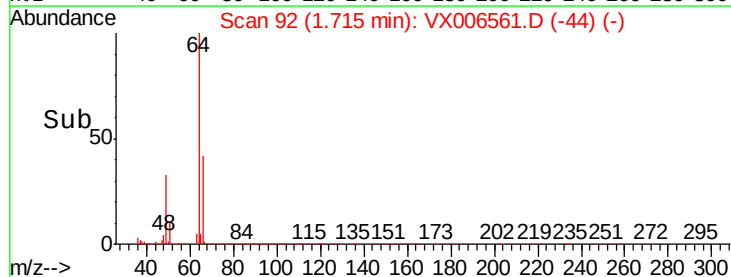
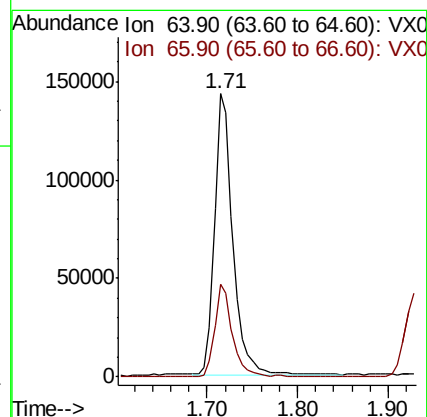
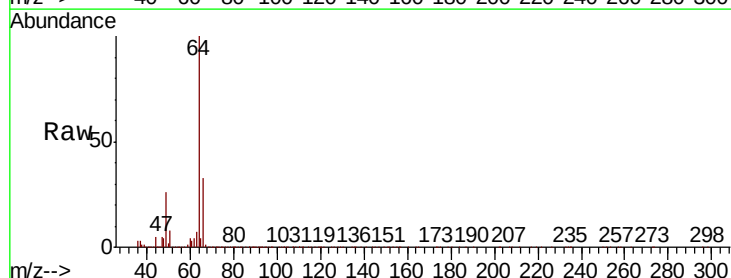
Acq: 17 Dec 2018 09:36

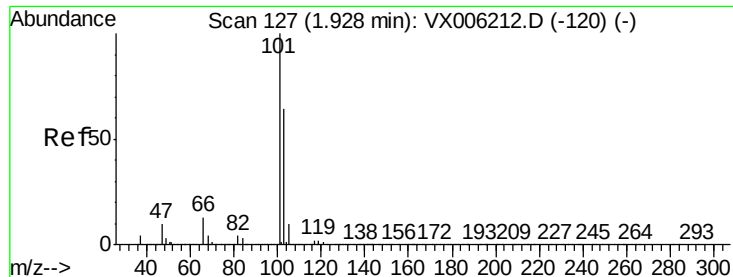
Tgt Ion: 64 Resp: 205288

Ion Ratio Lower Upper

64 100

66 32.7 25.9 38.9



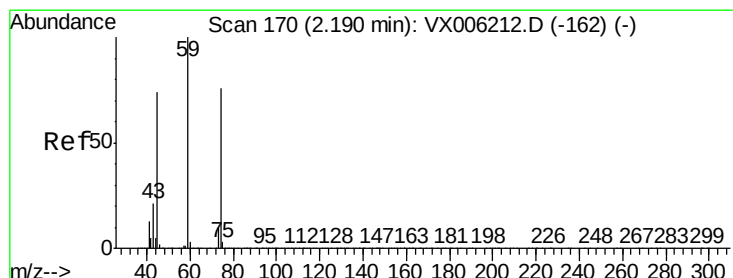
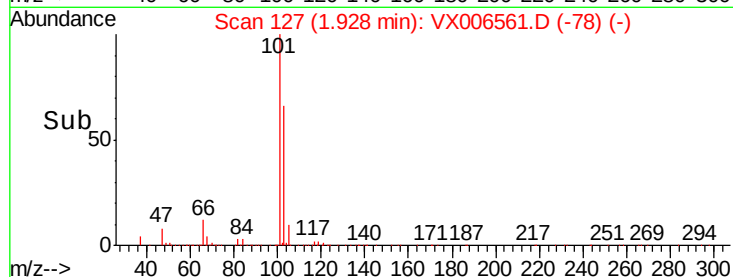
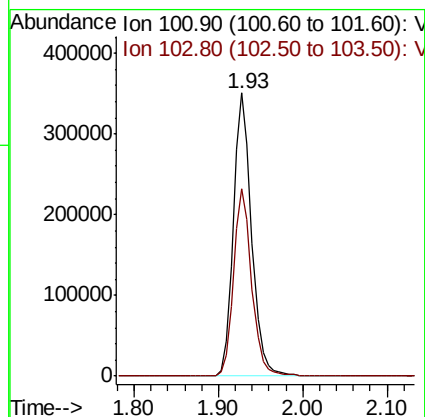
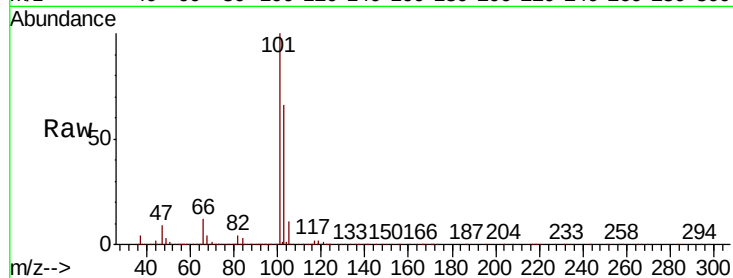


#7

Trichlorofluoromethane
Concen: 49.593 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

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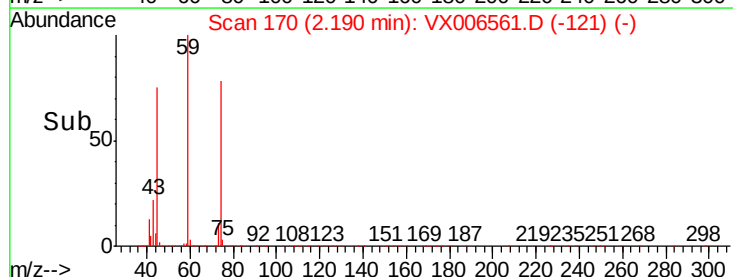
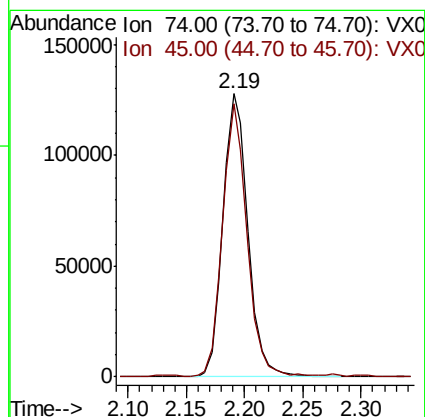
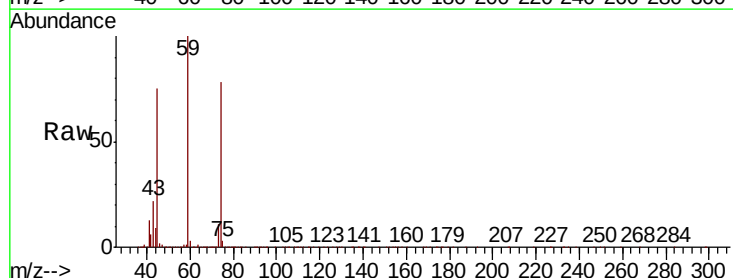
Tot Ion:101 Resp: 515354
Ion Ratio Lower Upper
101 100
103 66.3 51.0 76.4

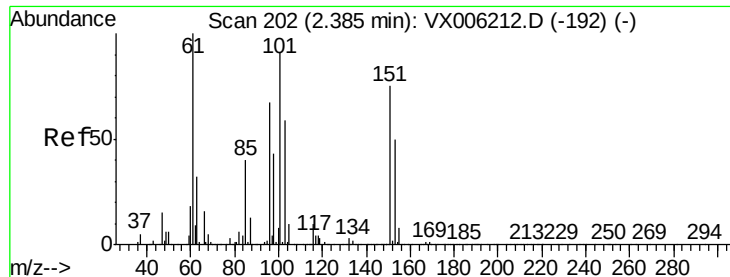


#8

Diethyl Ether
Concen: 47.848 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

Tgt Ion: 74 Resp: 188178
Ion Ratio Lower Upper
74 100
45 93.9 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.494 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

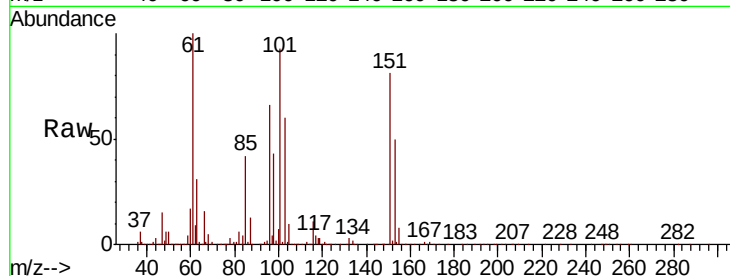
Tot Ion:101 Resp: 304270

Ion Ratio Lower Upper

101 100

85 44.1 35.5 53.3

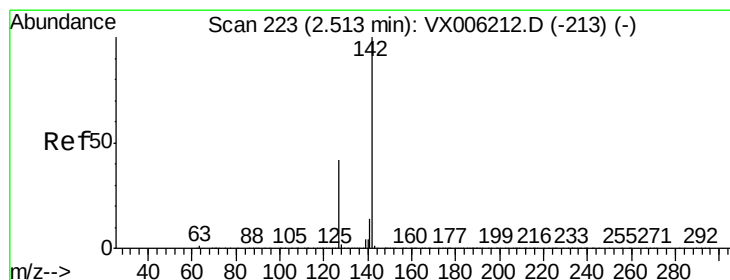
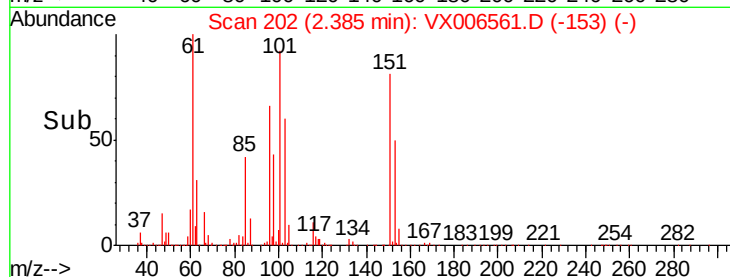
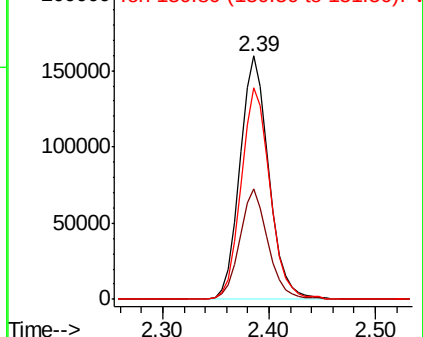
151 87.1 68.6 103.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 41.208 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

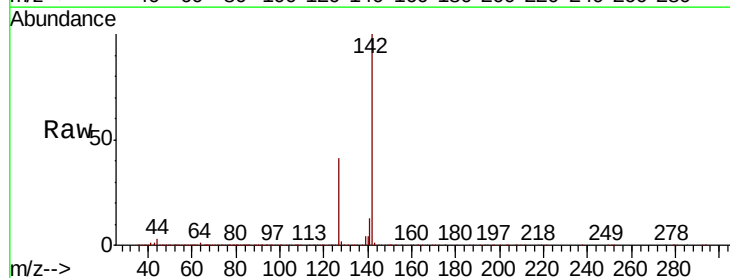
Tgt Ion:142 Resp: 366951

Ion Ratio Lower Upper

142 100

127 41.6 34.8 52.2

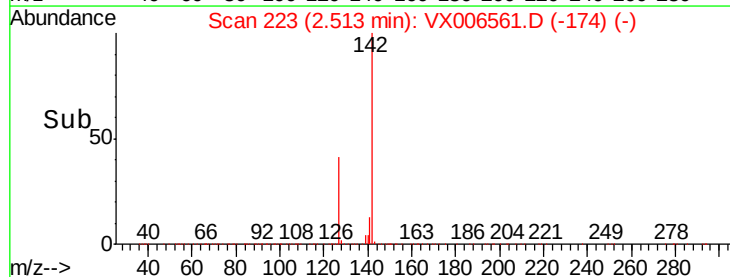
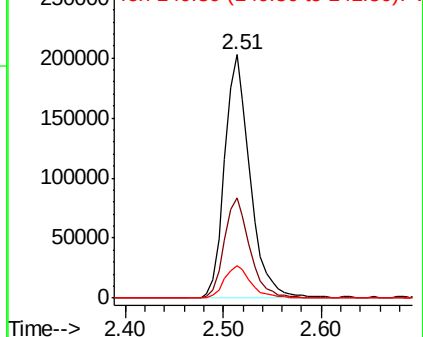
141 13.9 11.4 17.2

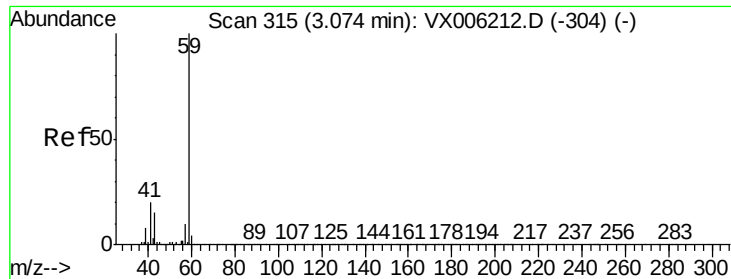


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

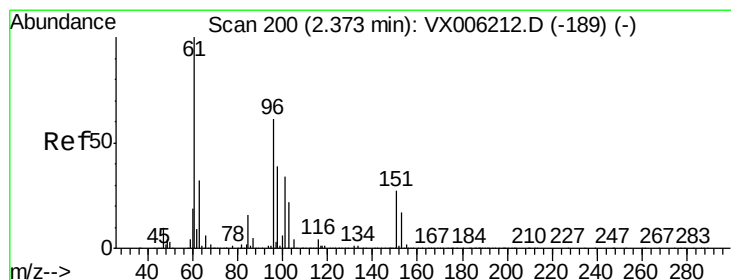
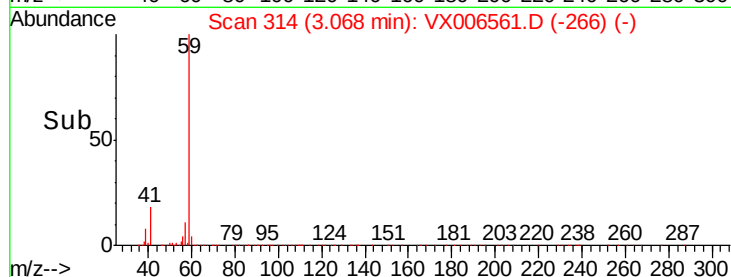
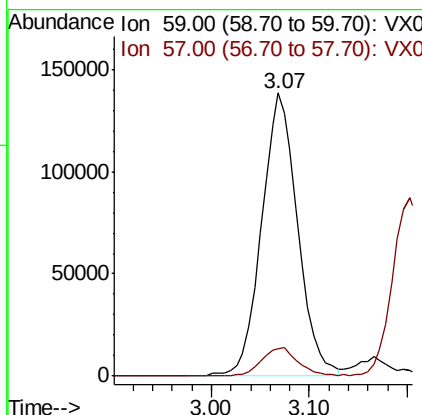
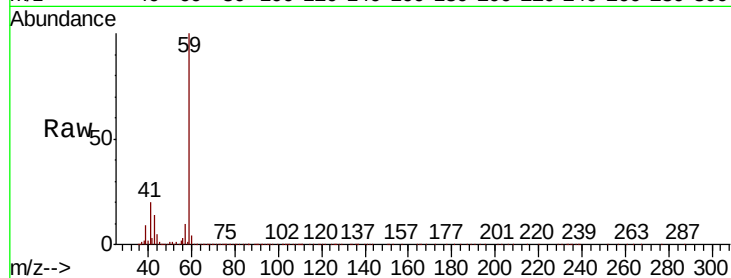




#11
Tert butyl alcohol
Concen: 203.333 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

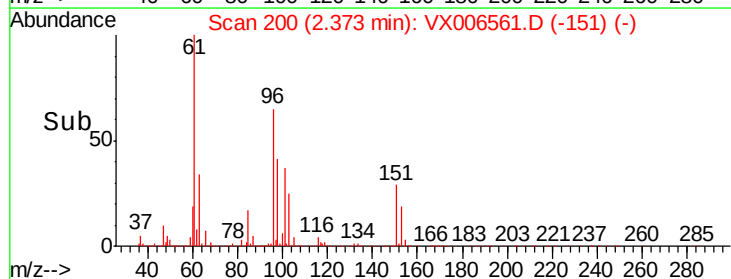
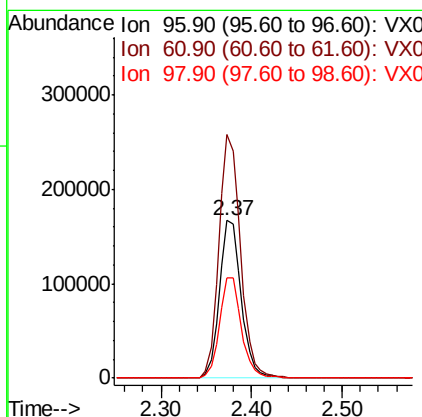
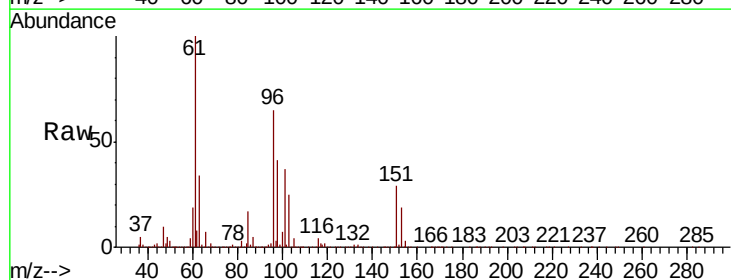
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

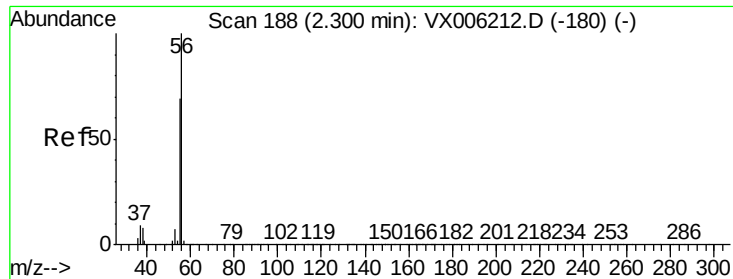
Tot Ion: 59 Resp: 354857
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.489 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

Tgt Ion: 96 Resp: 279938
Ion Ratio Lower Upper
96 100
61 154.7 131.7 197.5
98 63.6 51.8 77.6





#13

Acrolein

Concen: 310.818 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

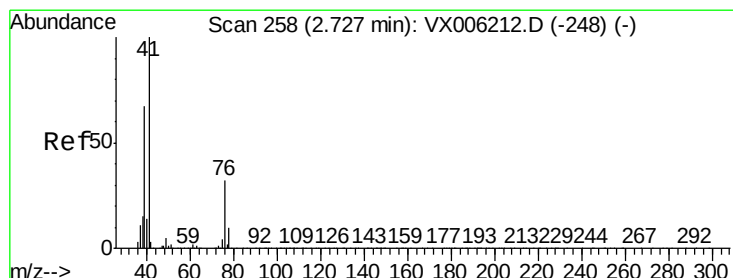
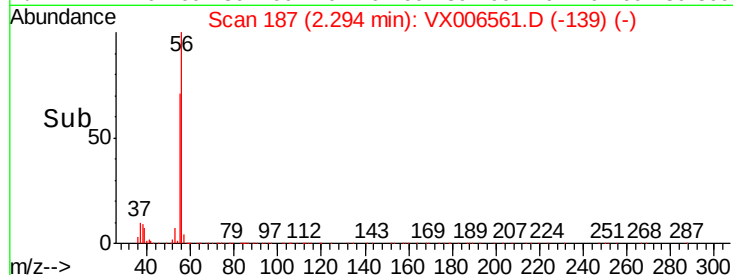
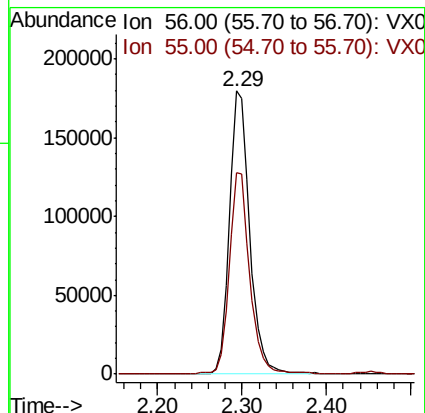
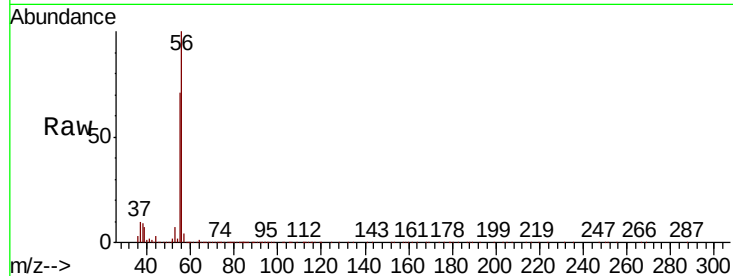
VSTDCCC050

Tot Ion: 56 Resp: 296478

Ion Ratio Lower Upper

56 100

55 71.0 57.8 86.6



#14

Allyl chloride

Concen: 44.073 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

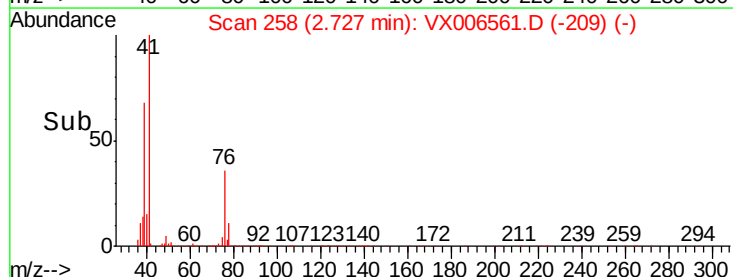
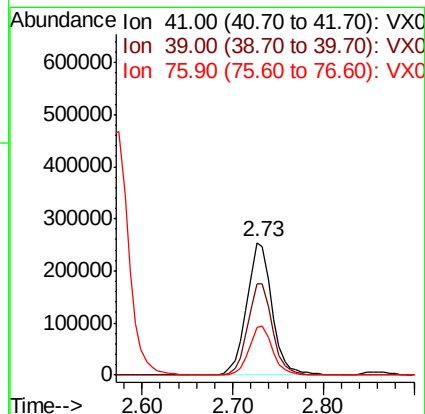
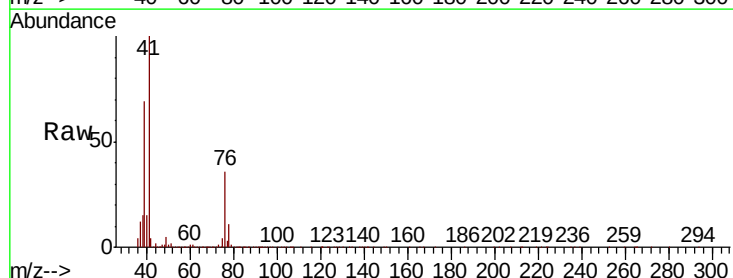
Tgt Ion: 41 Resp: 492464

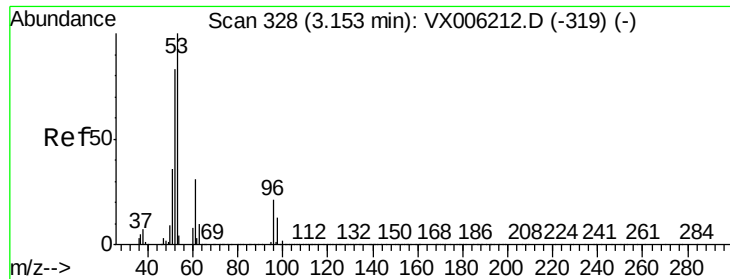
Ion Ratio Lower Upper

41 100

39 66.6 52.4 78.6

76 34.2 25.4 38.0

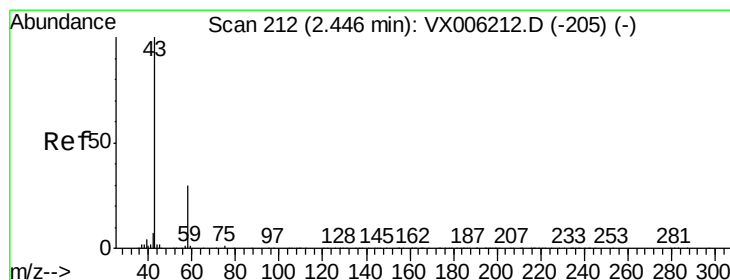
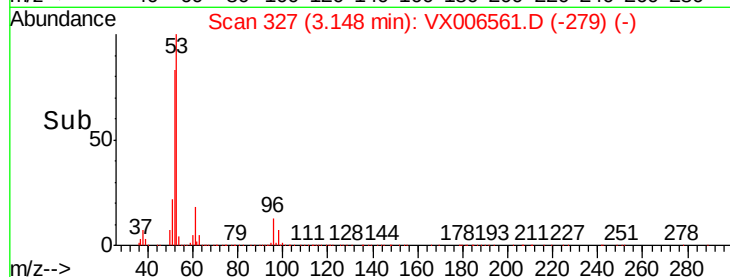
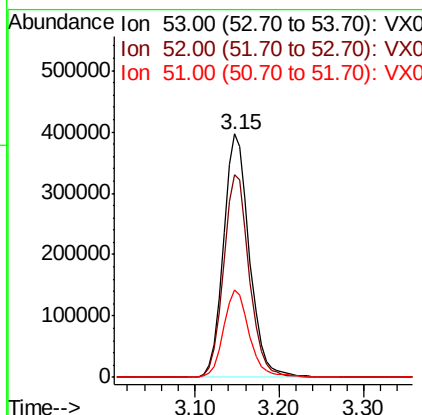
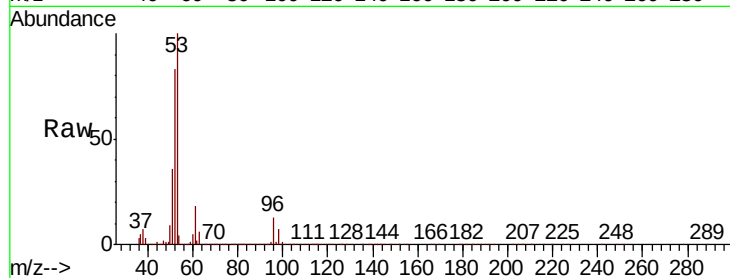




#15
 Acrylonitrile
 Concen: 227.960 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX006561.D
 Acq: 17 Dec 2018 09:36

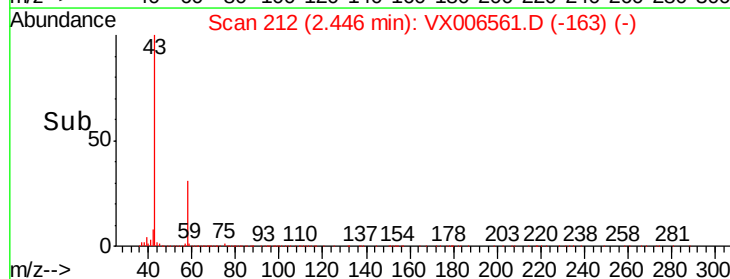
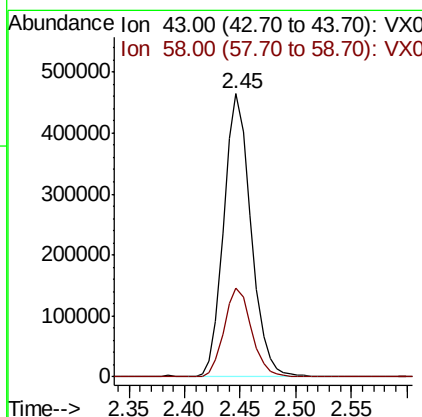
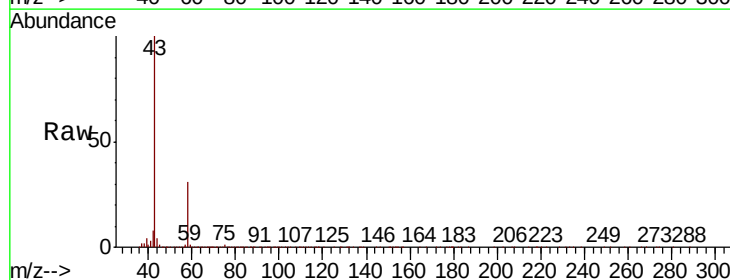
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

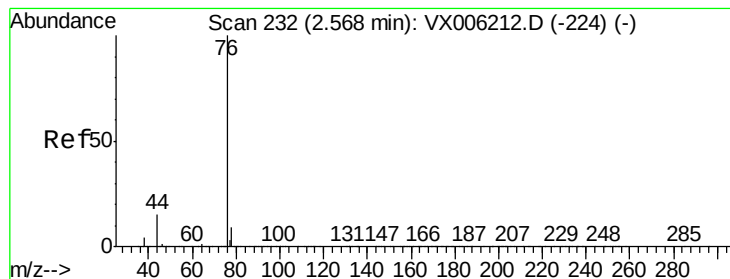
Tot Ion:	53	Resp:	830187
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.4
51	35.6	28.7	43.1



#16
 Acetone
 Concen: 261.405 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006561.D
 Acq: 17 Dec 2018 09:36

Tgt Ion:	43	Resp:	782858
Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.0	36.0





#17

Carbon Disulfide

Concen: 47.043 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

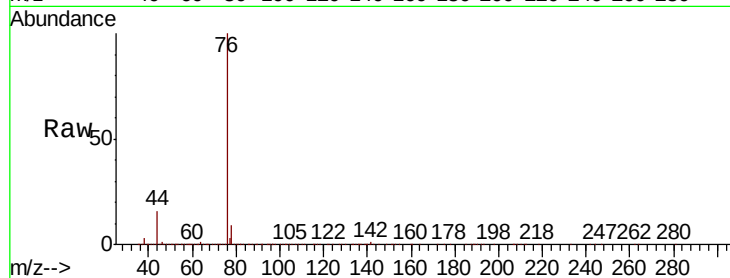
VSTDCCC050

Tot Ion: 76 Resp: 819965

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

500000

400000

300000

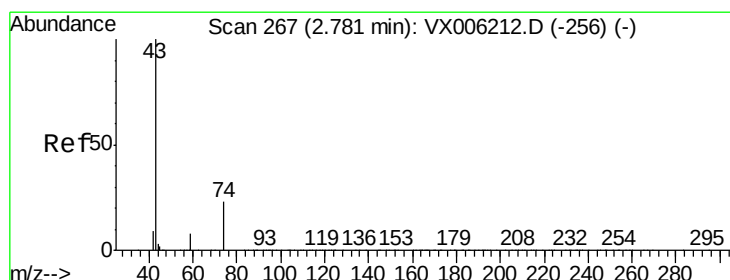
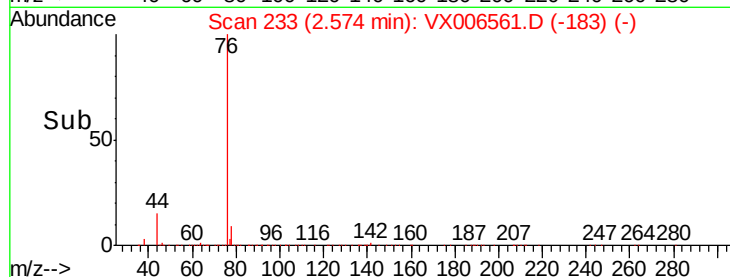
200000

100000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 45.280 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006561.D

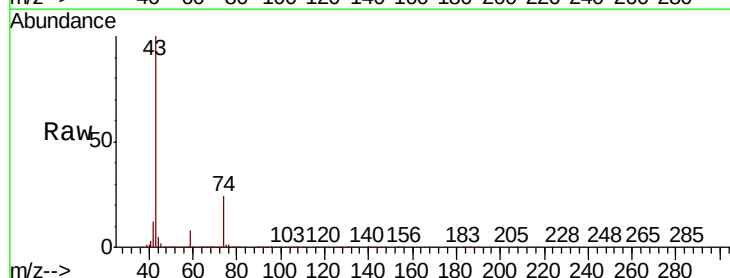
Acq: 17 Dec 2018 09:36

Tgt Ion: 43 Resp: 453495

Ion Ratio Lower Upper

43 100

74 24.3 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

300000

250000

200000

150000

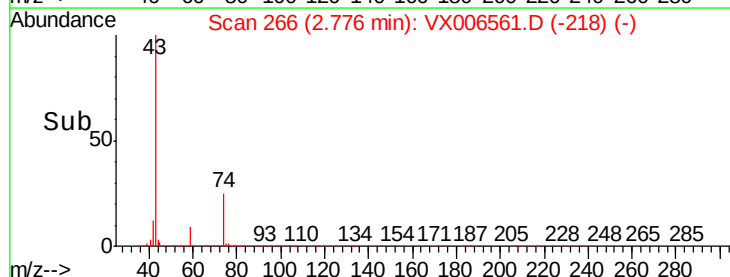
100000

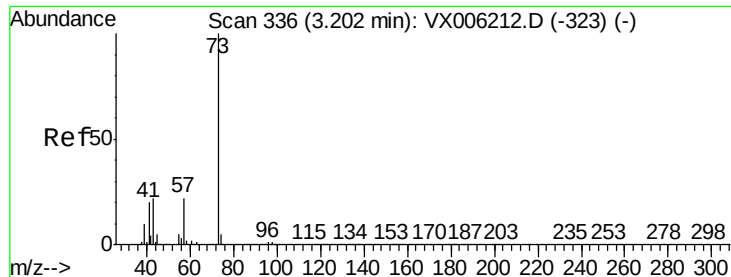
50000

0

Time-->

2.70 2.75 2.80 2.85

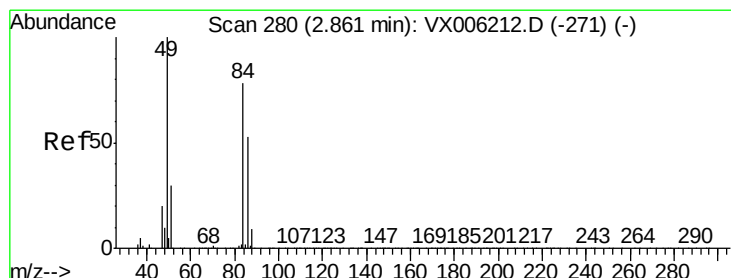
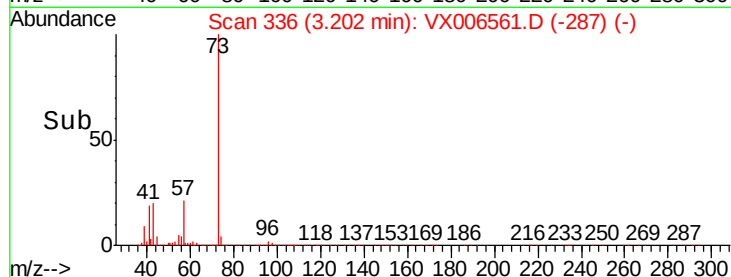
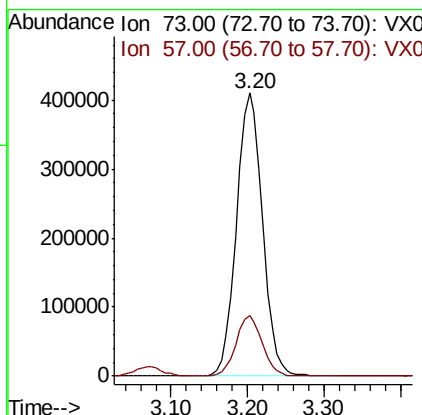
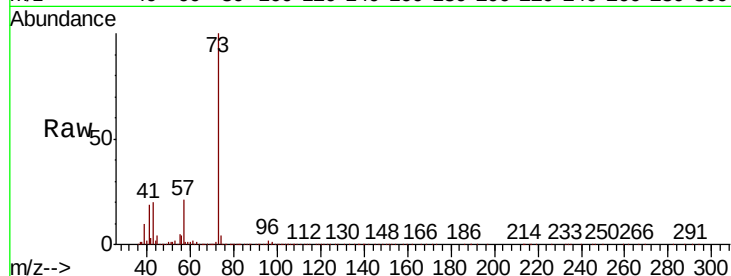




#19
Methyl tert-butyl Ether
Concen: 47.689 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

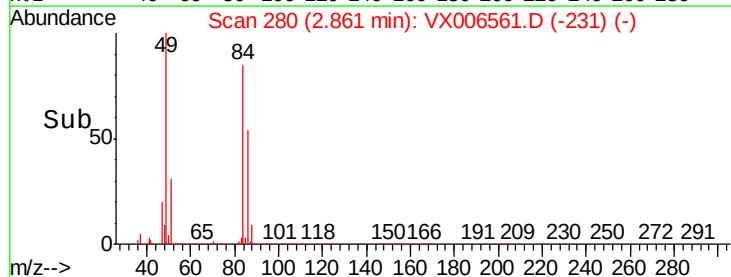
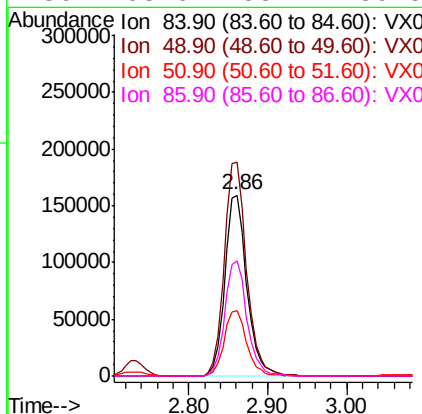
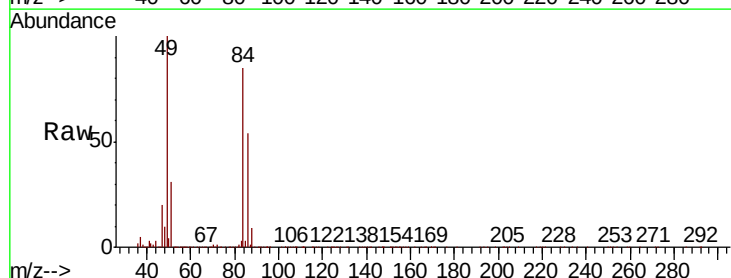
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

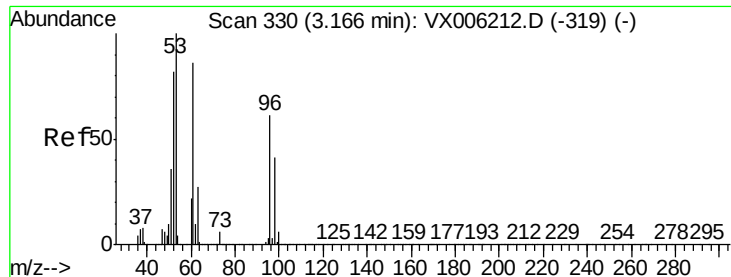
Tot Ion: 73 Resp: 962316
Ion Ratio Lower Upper
73 100
57 21.3 17.5 26.3



#20
Methylene Chloride
Concen: 48.394 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

Tgt Ion: 84 Resp: 308448
Ion Ratio Lower Upper
84 100
49 117.9 102.2 153.4
51 36.2 31.1 46.7
86 63.6 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 50.254 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

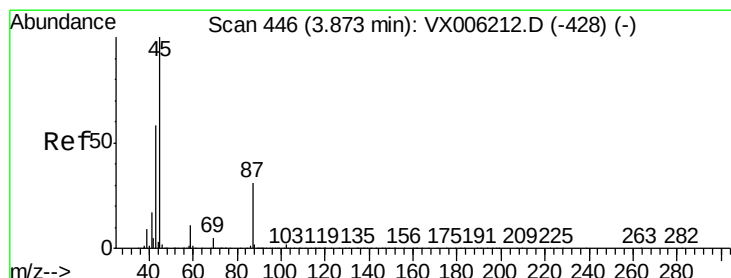
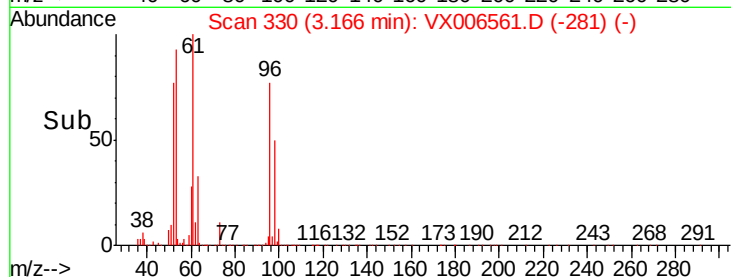
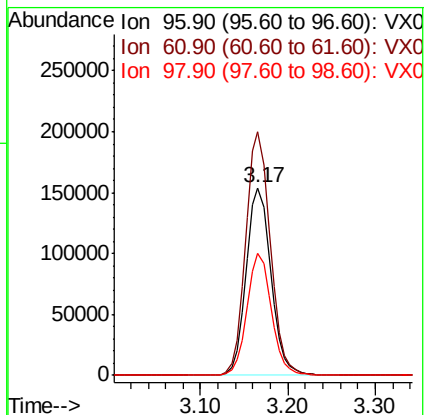
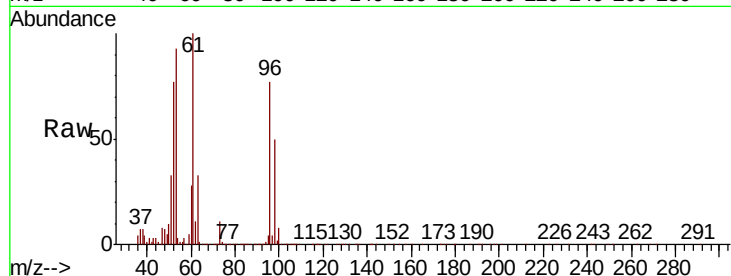
Tot Ion: 96 Resp: 302928

Ion Ratio Lower Upper

96 100

61 129.6 113.3 169.9

98 64.8 53.2 79.8



#22

Diisopropyl ether

Concen: 54.100 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Tgt Ion: 45 Resp: 944219

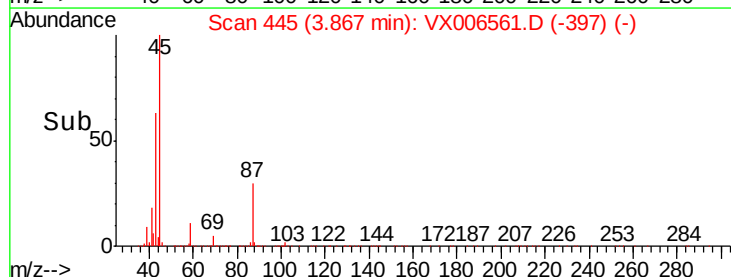
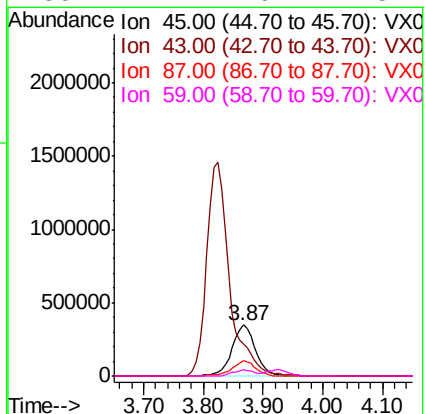
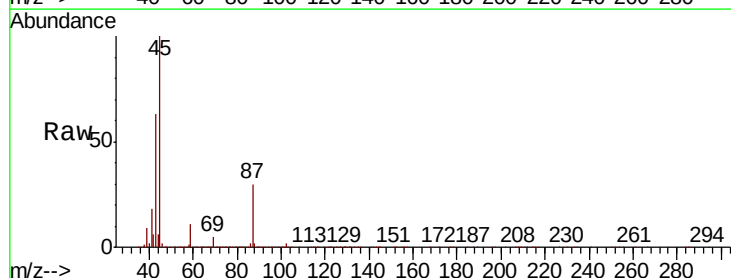
Ion Ratio Lower Upper

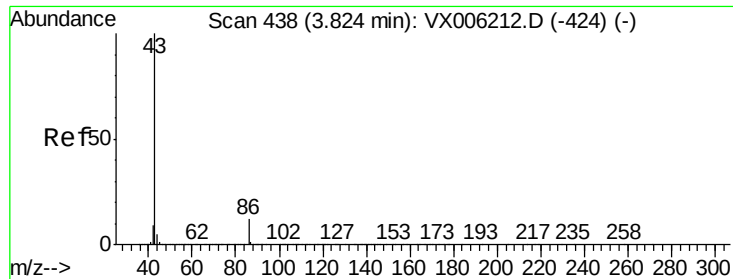
45 100

43 62.7 46.2 69.2

87 30.1 24.9 37.3

59 11.4 9.1 13.7





#23

Vinyl Acetate

Concen: 258.187 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

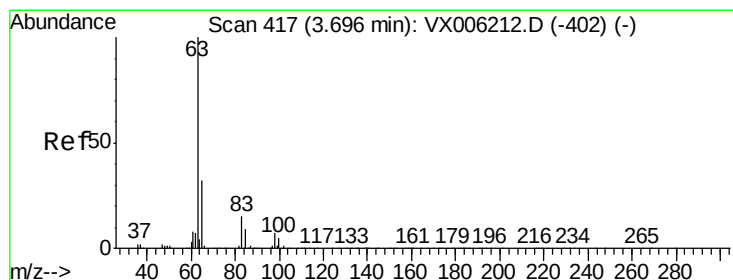
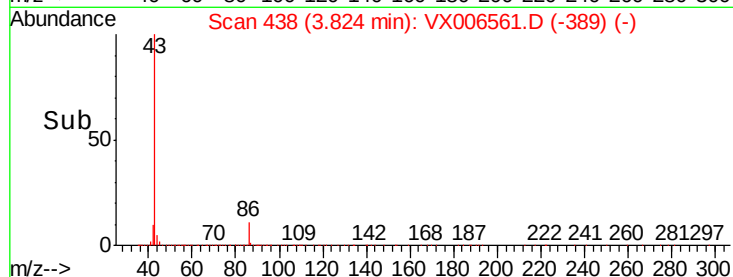
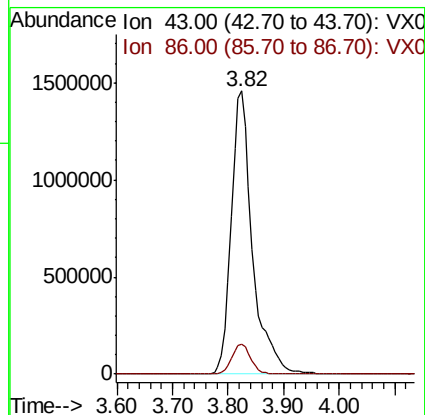
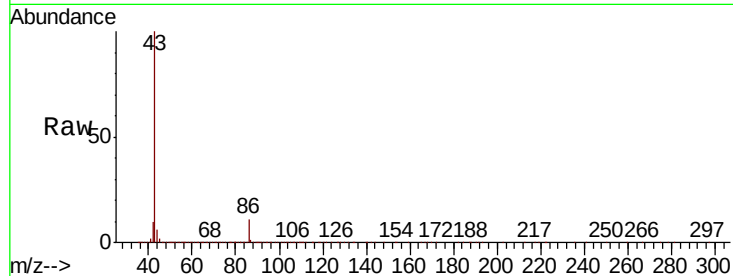
VSTDCCC050

Tot Ion: 43 Resp: 3843384

Ion Ratio Lower Upper

43 100

86 10.8 9.4 14.0



#24

1,1-Dichloroethane

Concen: 53.518 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

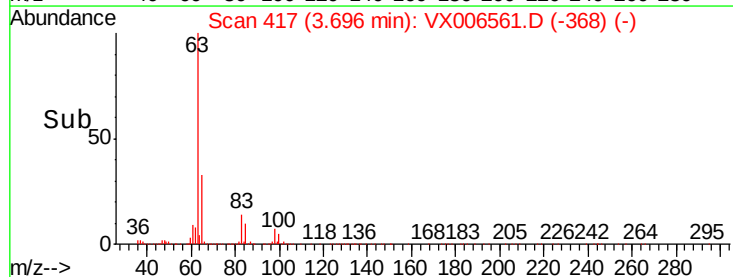
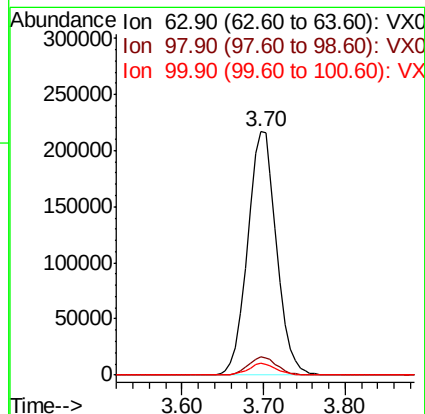
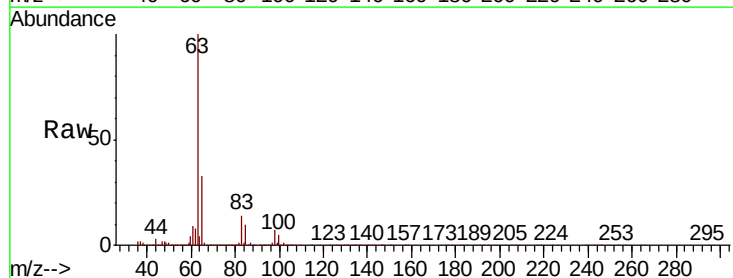
Tgt Ion: 63 Resp: 533887

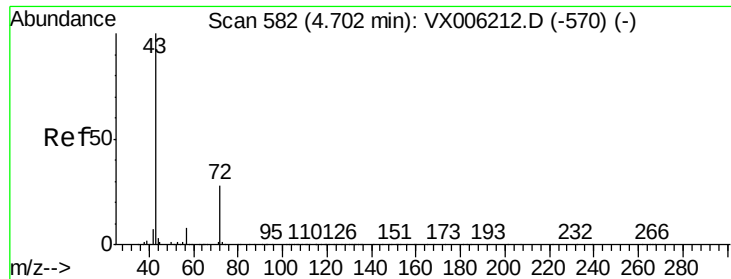
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 258.982 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

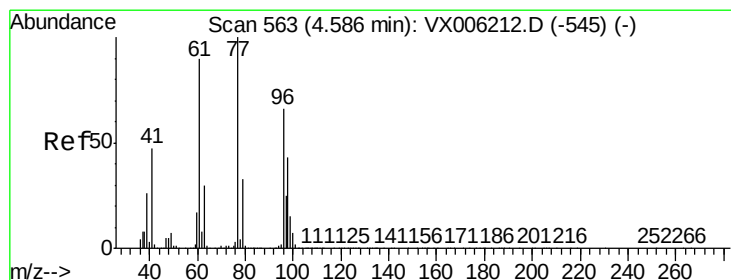
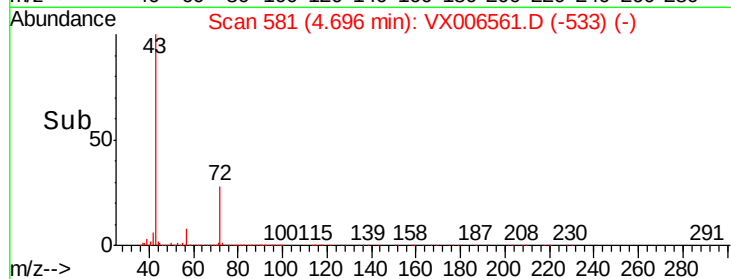
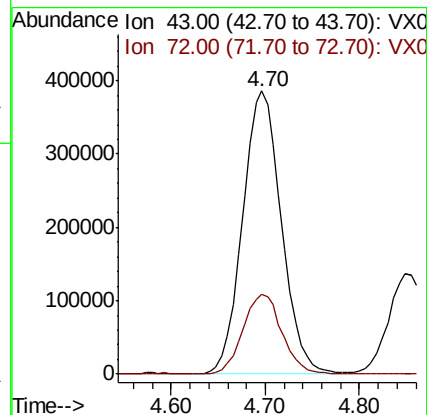
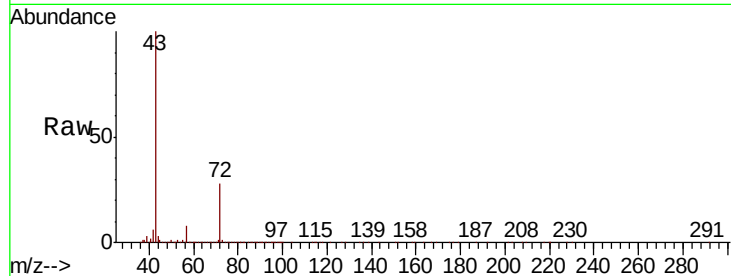
VSTDCCC050

Tot Ion: 43 Resp: 1106672

Ion Ratio Lower Upper

43 100

72 28.1 22.6 33.8



#26

2,2-Dichloropropane

Concen: 50.343 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006561.D

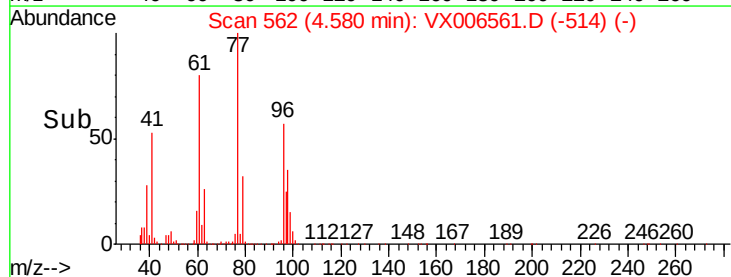
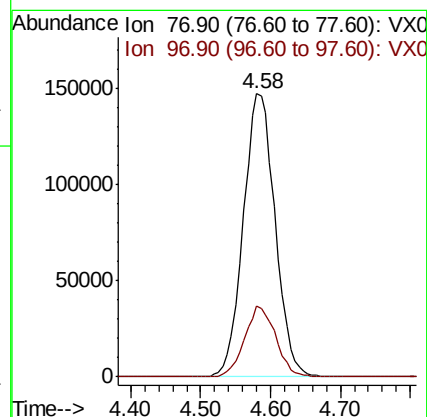
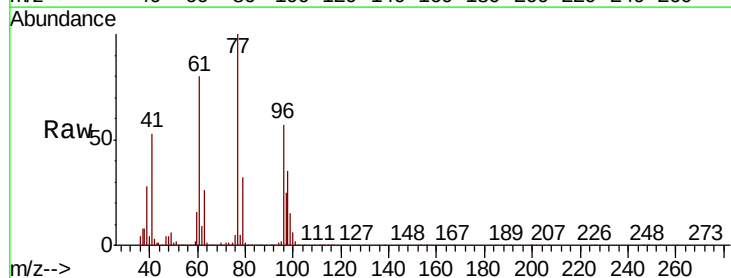
Acq: 17 Dec 2018 09:36

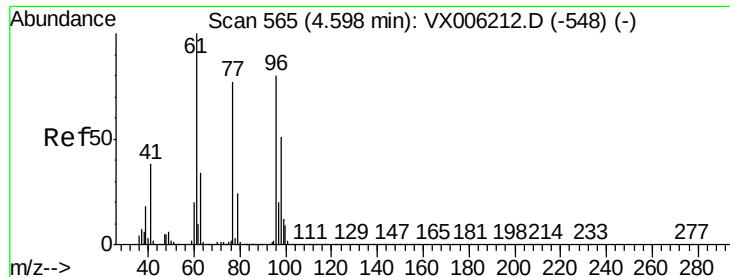
Tgt Ion: 77 Resp: 463487

Ion Ratio Lower Upper

77 100

97 24.3 12.3 36.8



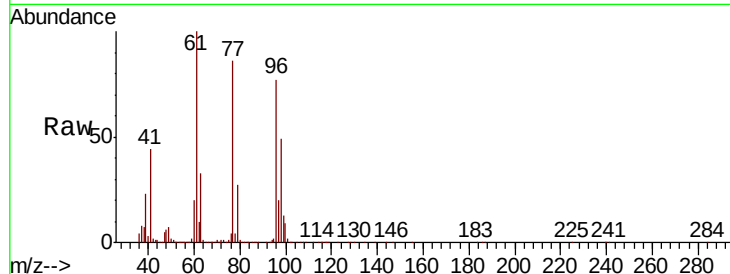


#27

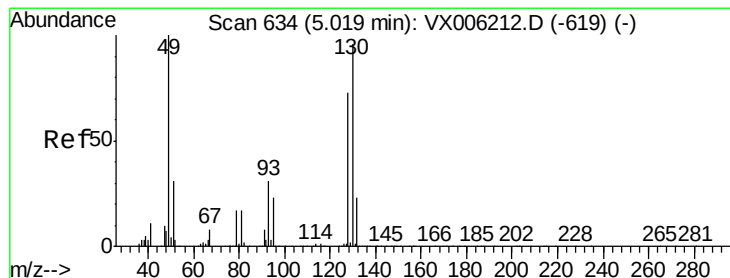
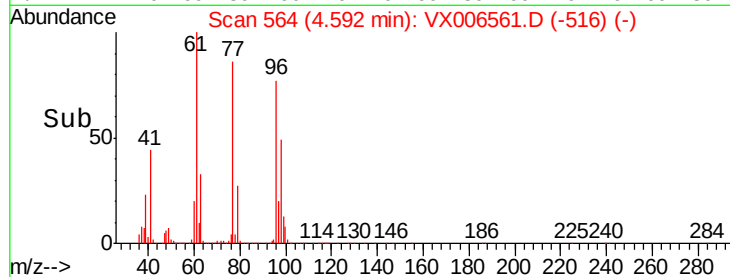
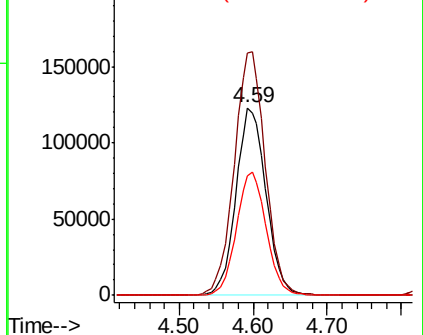
cis-1,2-Dichloroethene
 Concen: 51.703 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX006561.D
 Acq: 17 Dec 2018 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	265.0
98	65.2	0.0	130.2



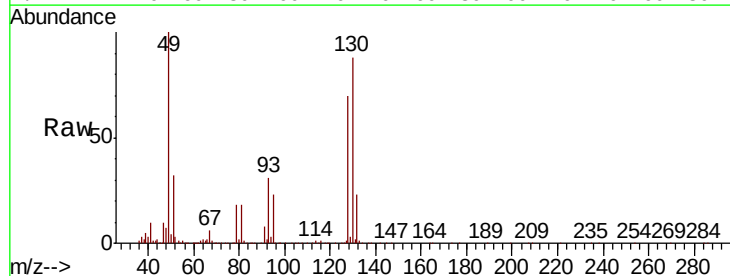
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



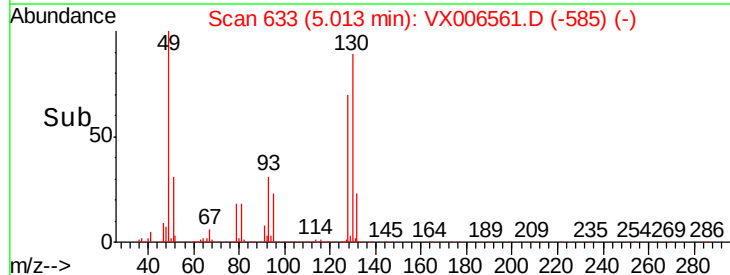
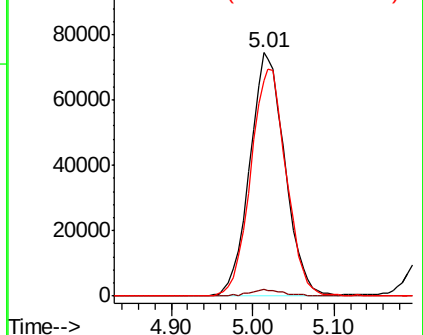
#28

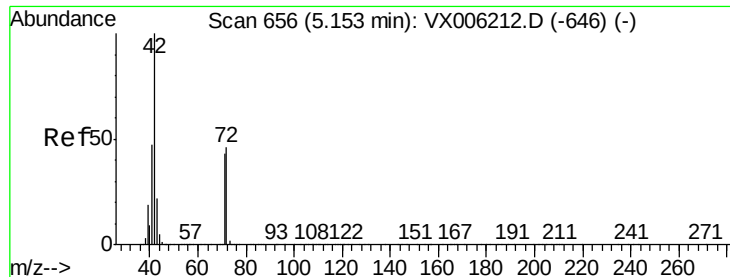
Bromochloromethane
 Concen: 50.972 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX006561.D
 Acq: 17 Dec 2018 09:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	94.5	78.3	117.5



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





#29

Tetrahydrofuran

Concen: 241.412 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

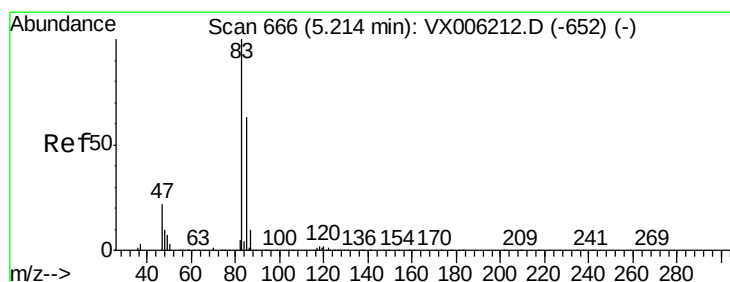
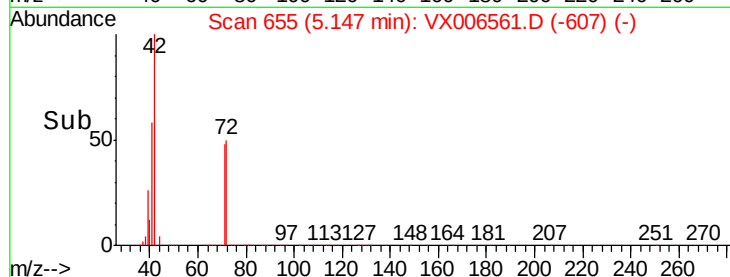
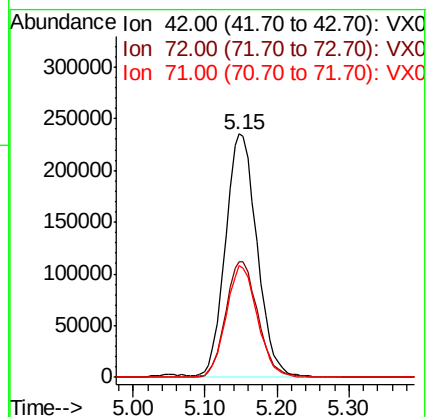
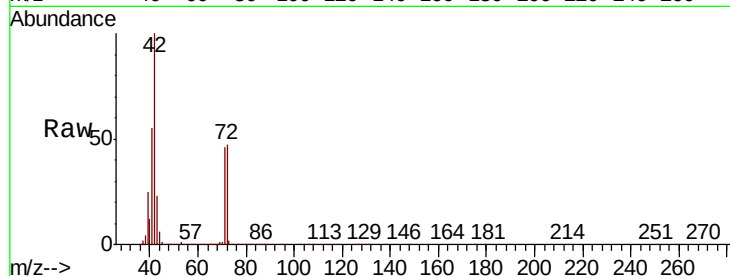
Tot Ion: 42 Resp: 716954

Ion Ratio Lower Upper

42 100

72 48.7 37.8 56.8

71 45.4 35.2 52.8



#30

Chloroform

Concen: 53.716 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006561.D

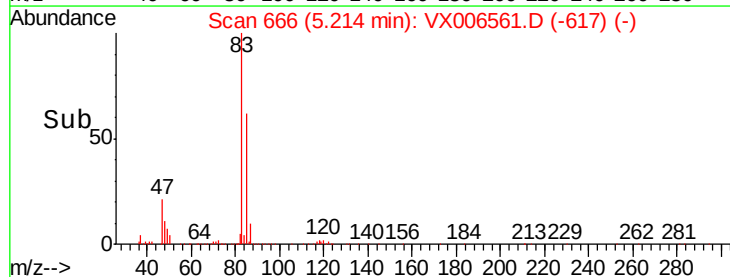
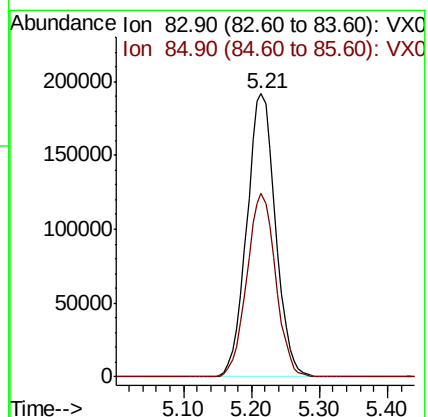
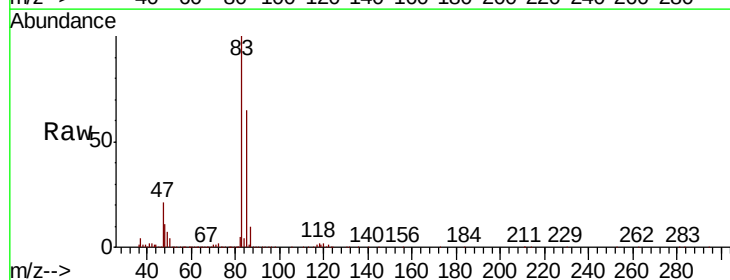
Acq: 17 Dec 2018 09:36

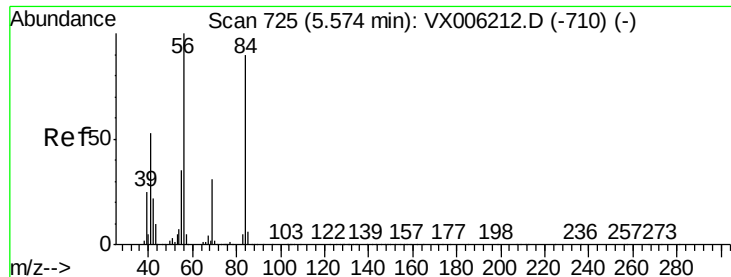
Tgt Ion: 83 Resp: 563121

Ion Ratio Lower Upper

83 100

85 64.9 50.3 75.5

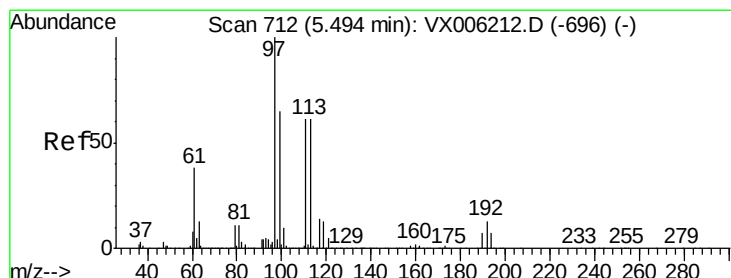
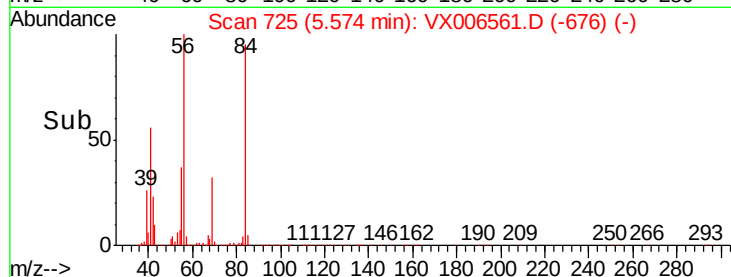
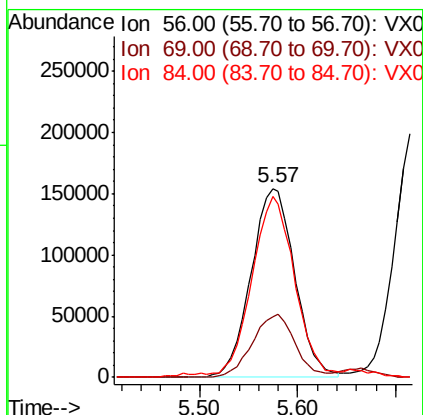
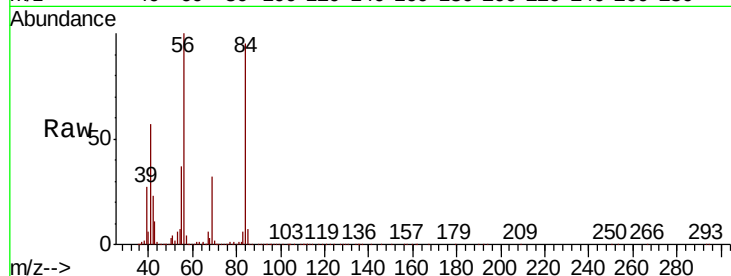




#31
Cyclohexane
Concen: 51.680 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

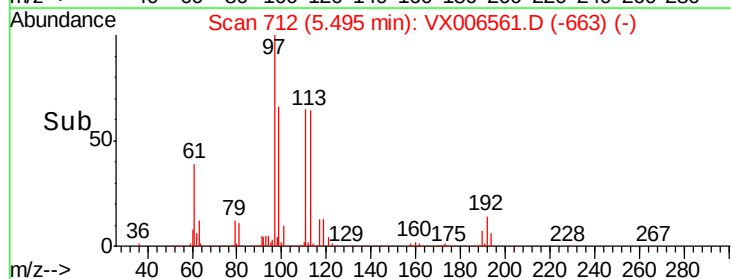
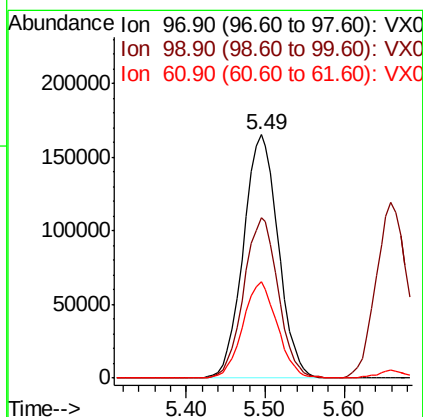
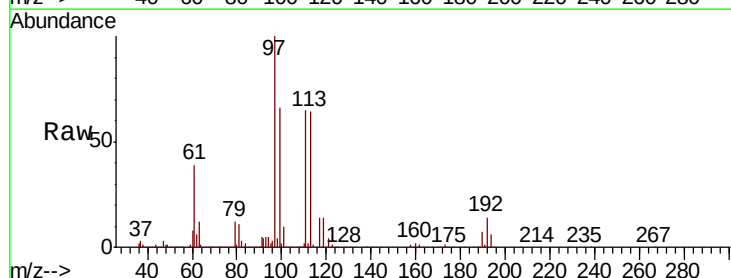
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

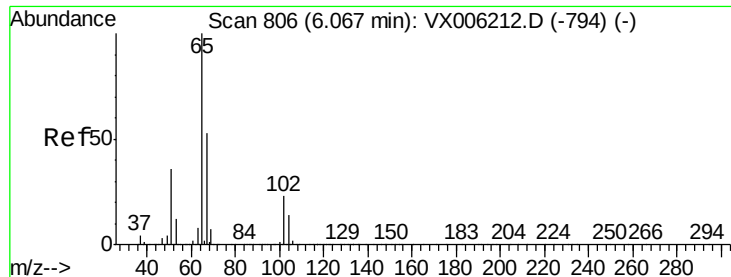
Tot Ion: 56 Resp: 476450
Ion Ratio Lower Upper
56 100
69 32.0 24.5 36.7
84 93.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 50.951 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

Tgt Ion: 97 Resp: 508210
Ion Ratio Lower Upper
97 100
99 65.0 51.6 77.4
61 38.8 30.6 46.0

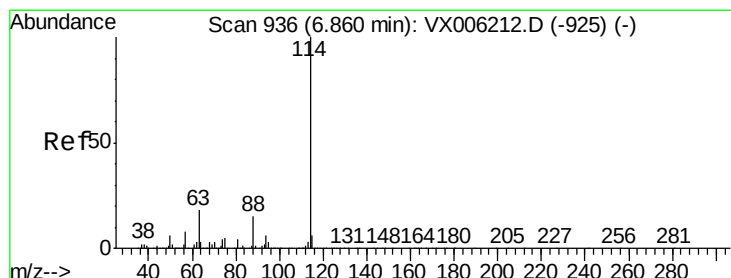
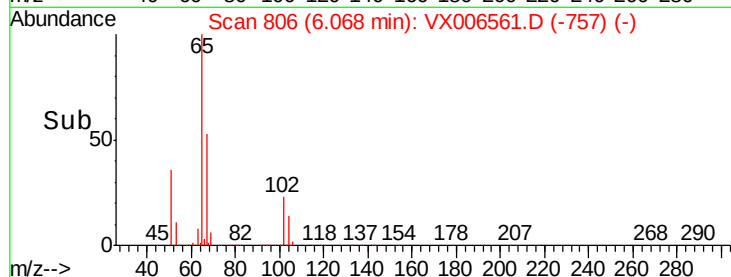
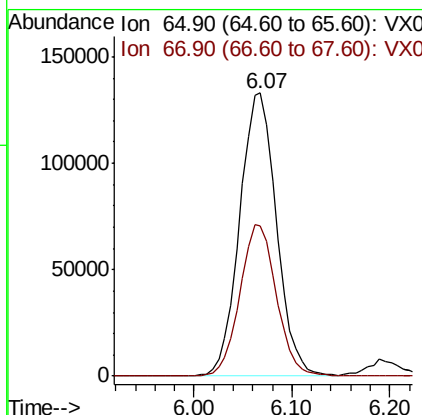
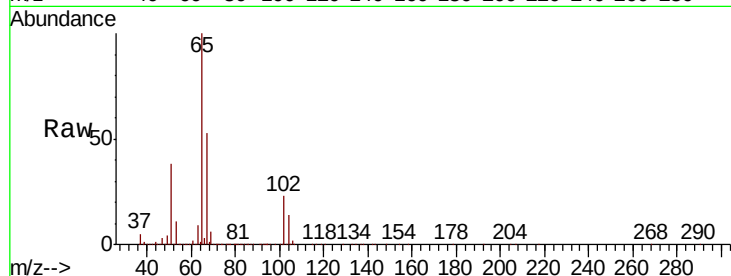




#33
 1,2-Dichloroethane-d4
 Concen: 54.590 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006561.D
 Acq: 17 Dec 2018 09:36

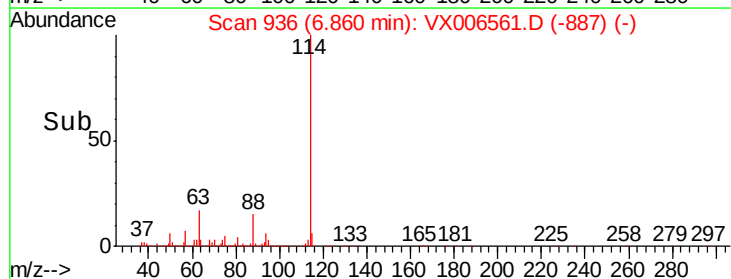
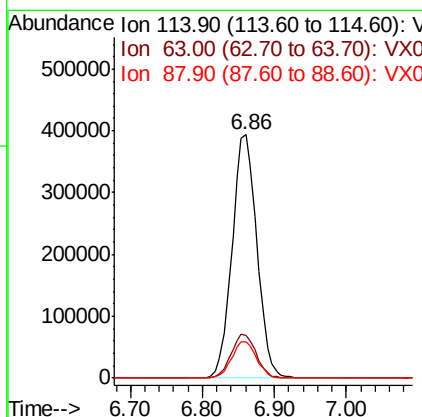
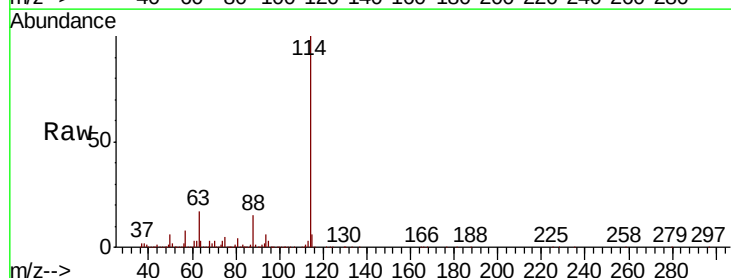
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

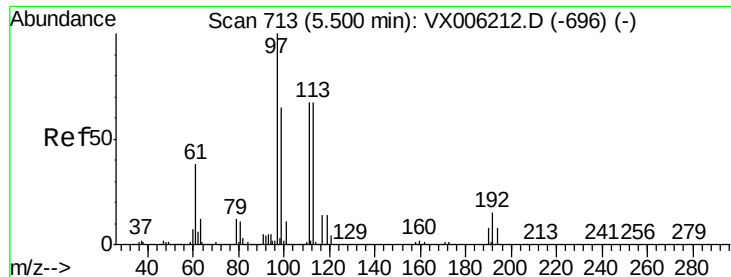
Tot Ion: 65 Resp: 348365
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006561.D
 Acq: 17 Dec 2018 09:36

Tgt Ion: 114 Resp: 941609
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.6
 88 14.6 0.0 29.0

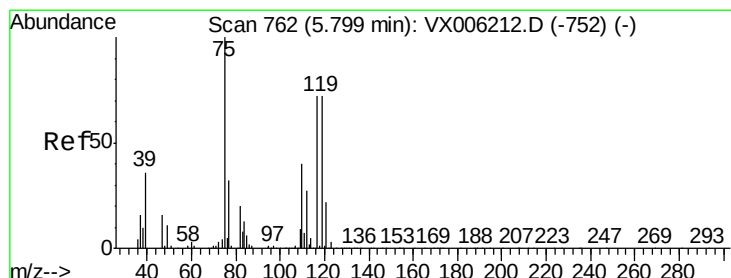
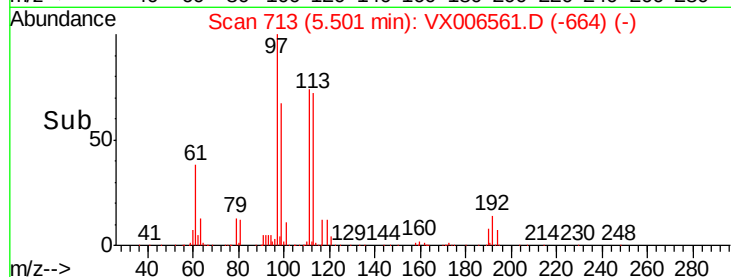
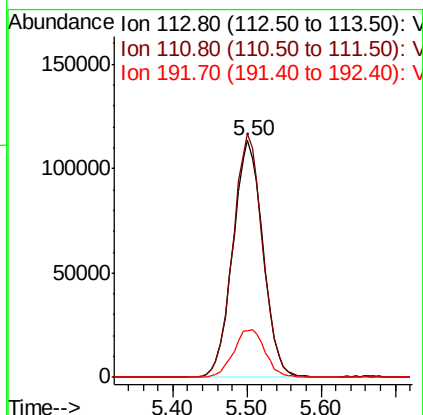
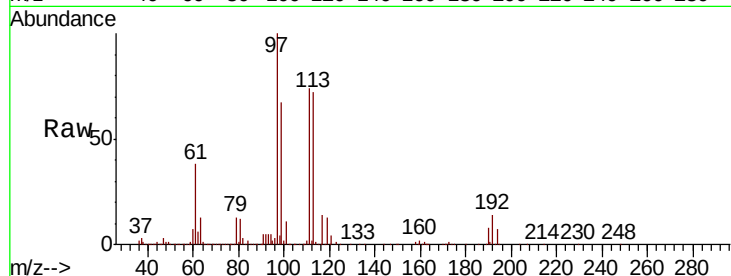




#35
 Dibromofluoromethane
 Concen: 52.610 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006561.D
 Acq: 17 Dec 2018 09:36

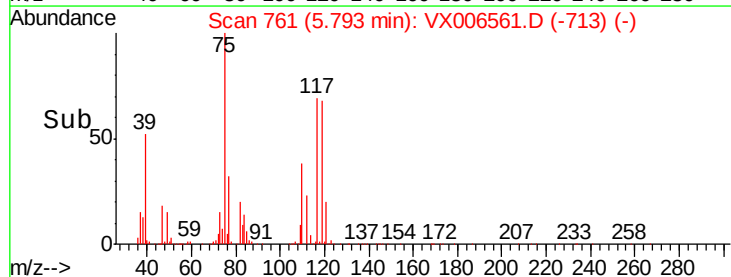
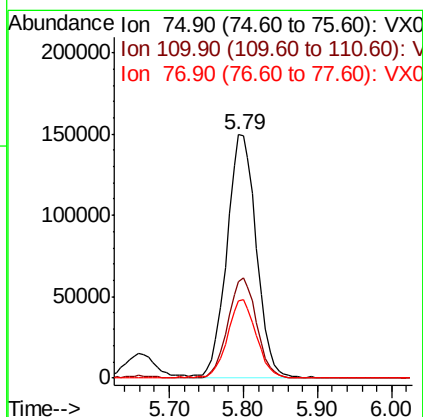
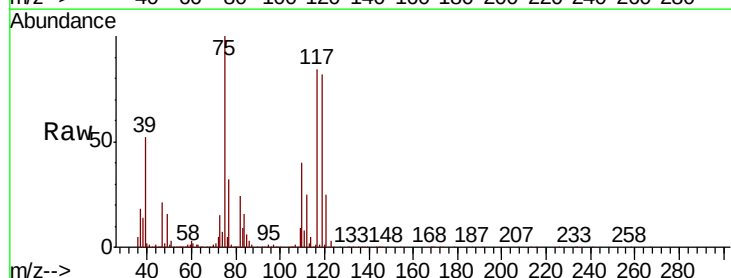
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

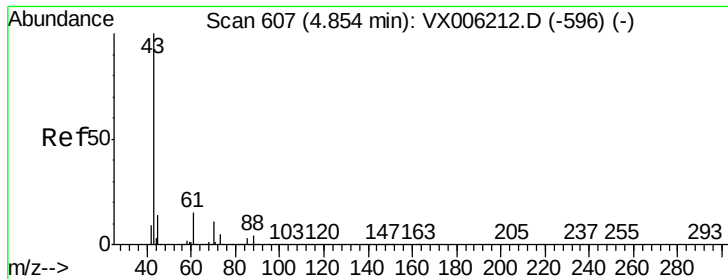
Tot Ion:113 Resp: 320741
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.1 121.7
 192 21.1 18.2 27.2



#36
 1,1-Dichloropropene
 Concen: 52.057 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX006561.D
 Acq: 17 Dec 2018 09:36

Tgt Ion: 75 Resp: 412773
 Ion Ratio Lower Upper
 75 100
 110 40.2 20.4 61.3
 77 31.1 24.9 37.3

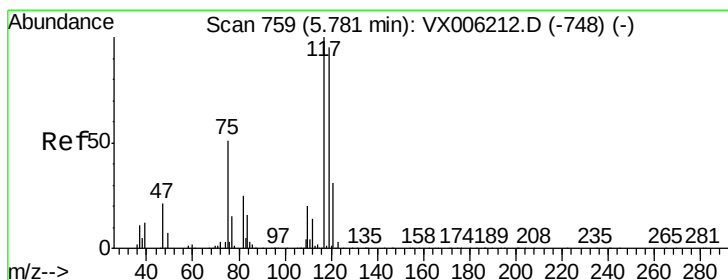
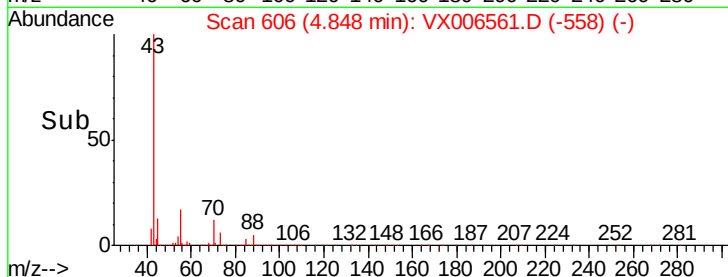
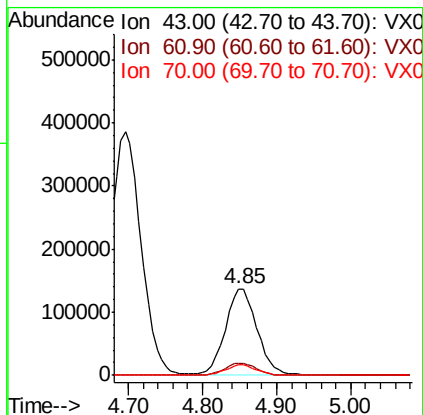
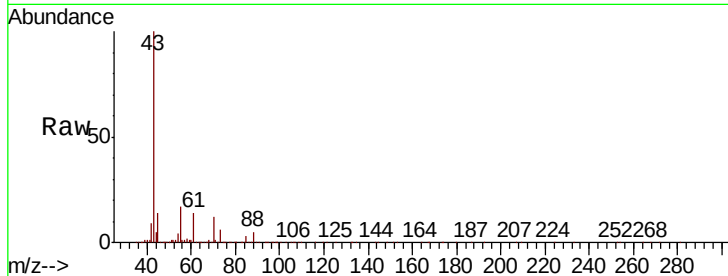




#37
Ethyl Acetate
Concen: 45.640 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

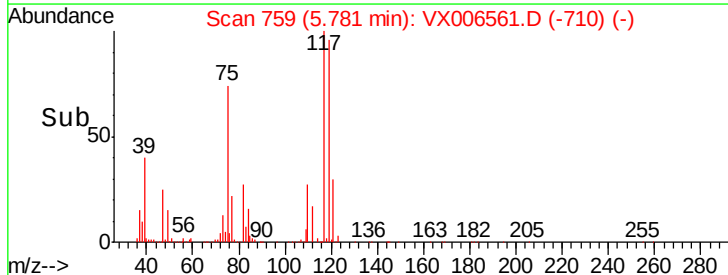
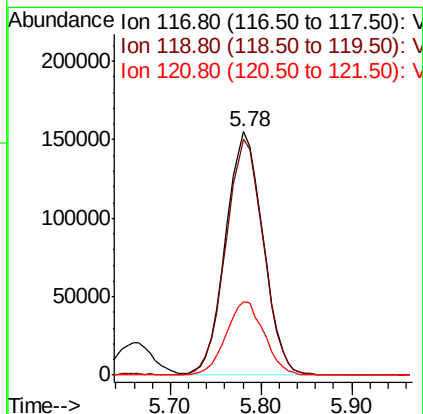
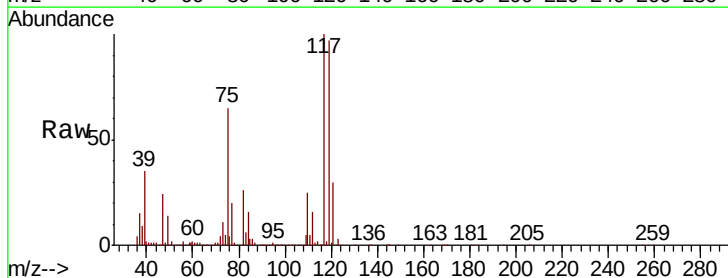
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

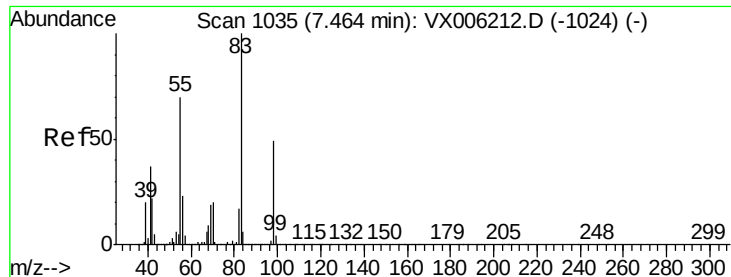
Tot Ion: 43 Resp: 405274
Ion Ratio Lower Upper
43 100
61 14.2 11.5 17.3
70 12.1 9.0 13.6



#38
Carbon Tetrachloride
Concen: 47.786 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

Tgt Ion: 117 Resp: 445759
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.8
121 29.9 24.6 37.0

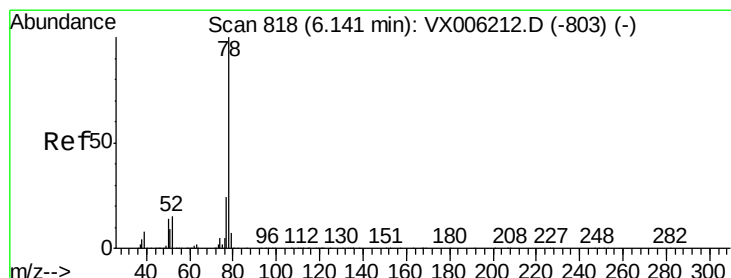
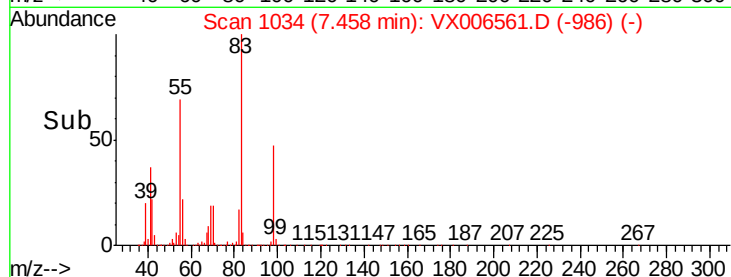
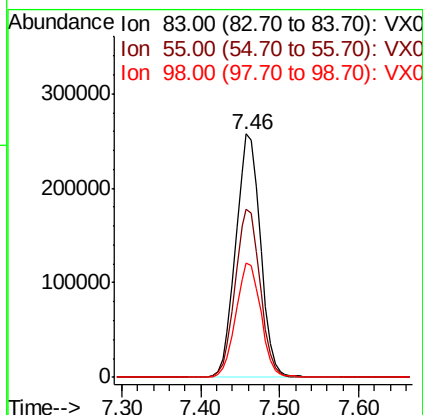
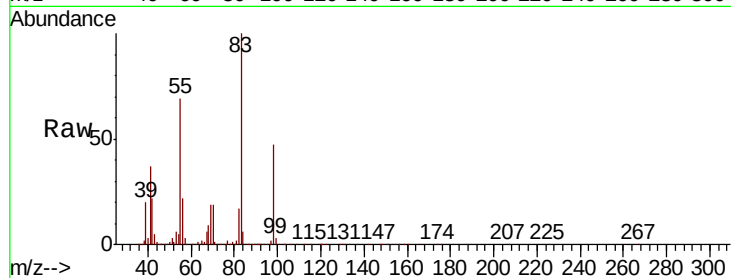




#39
Methylvlcyclohexane
Concen: 54.587 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

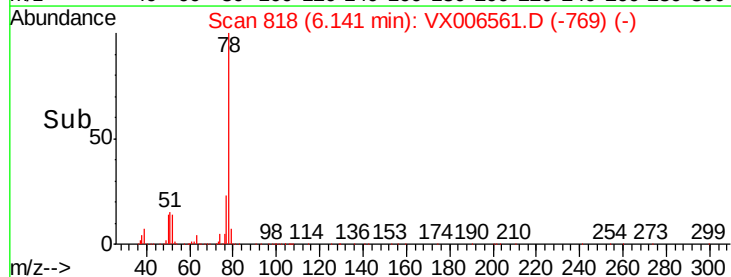
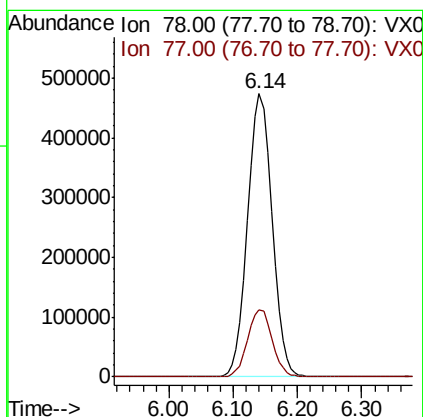
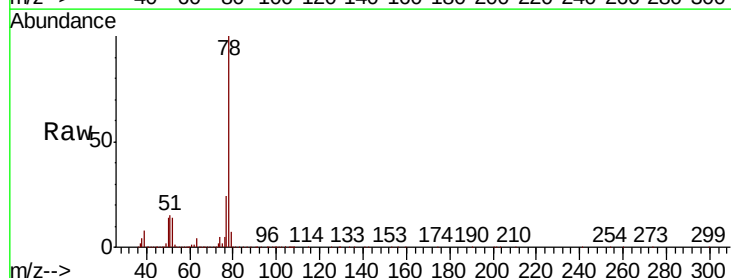
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

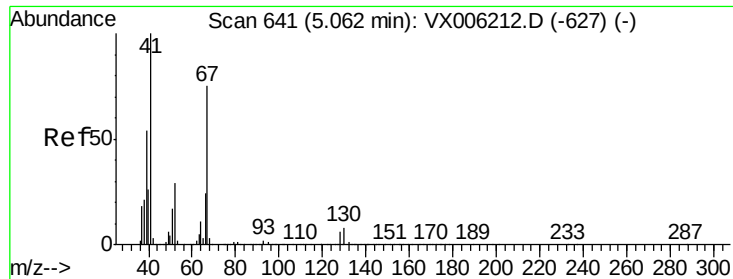
Tot Ion	83.00	Resp	561841
Ion	Ratio	Lower	Upper
83	100		
55	68.9	56.4	84.6
98	46.9	39.0	58.6



#40
Benzene
Concen: 52.077 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

Tgt Ion	78.00	Resp	1236767
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8

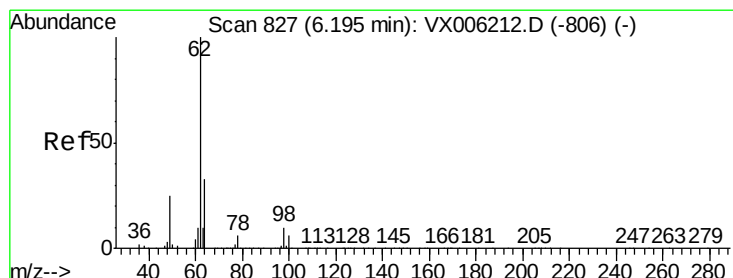
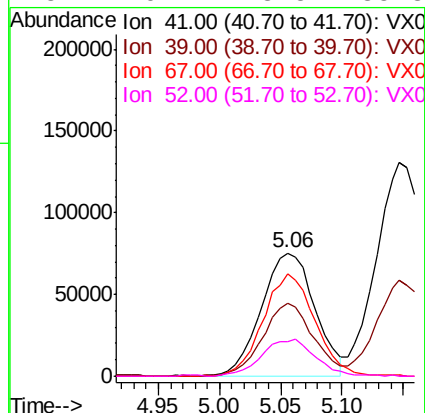
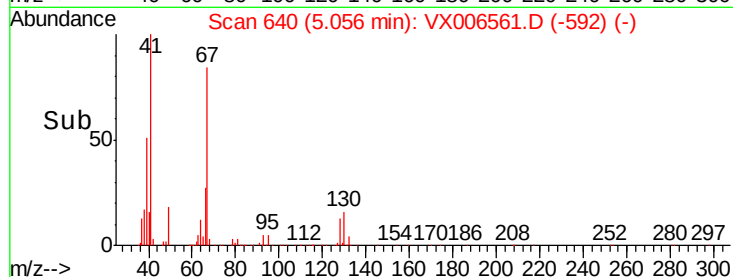
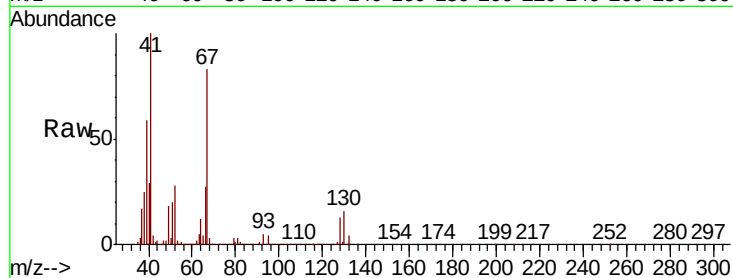




#41
Methacrylonitrile
Concen: 47.015 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

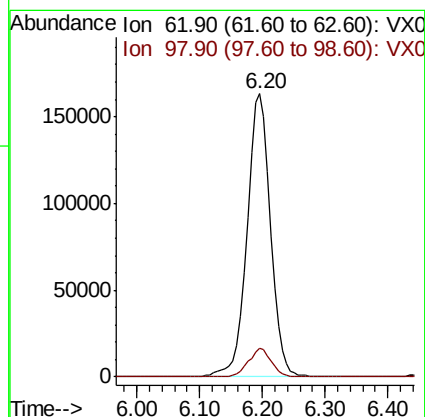
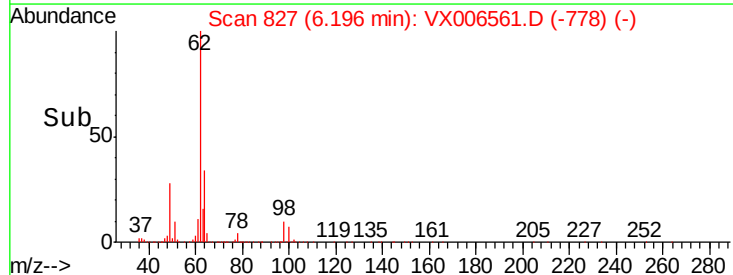
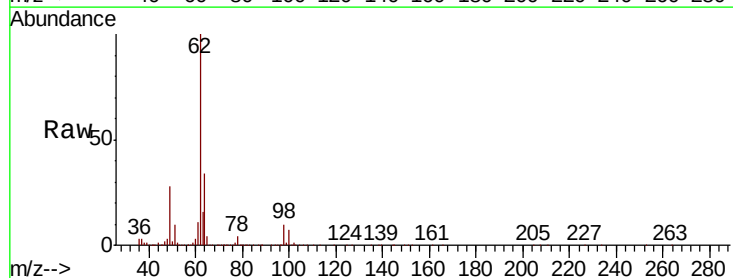
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

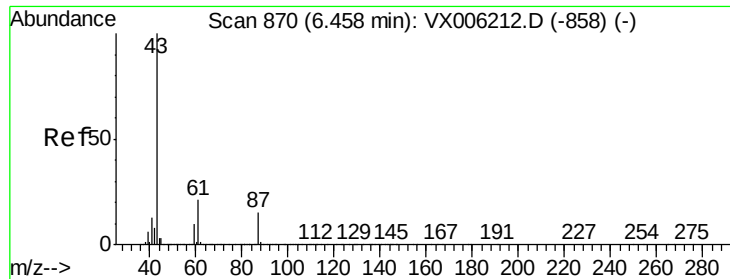
Tot Ion:	41	Resp:	229720
Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.0	66.0
67	80.7	61.4	92.0
52	29.7	23.5	35.3



#42
1,2-Dichloroethane
Concen: 53.861 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

Tgt Ion:	62	Resp:	418642
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2



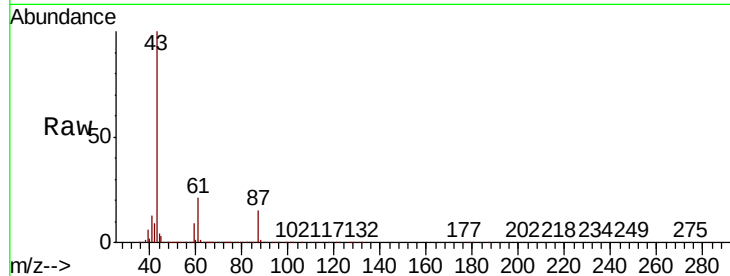


#43

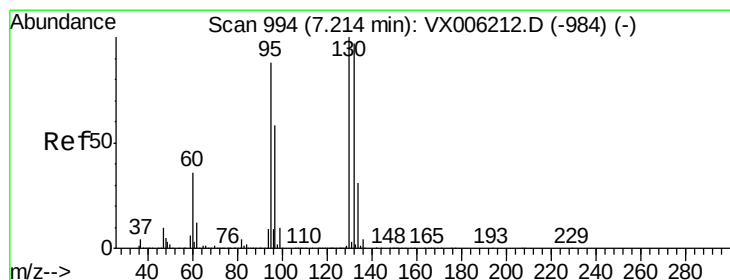
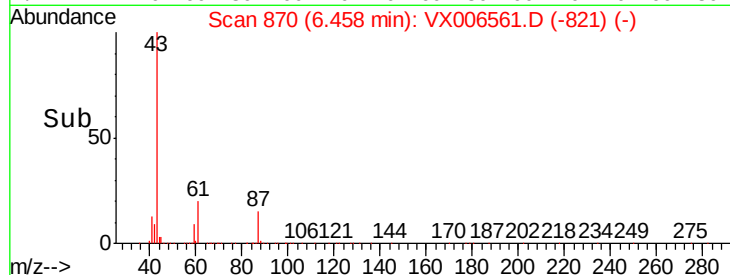
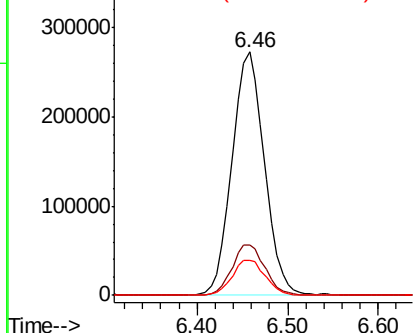
Isopropyl Acetate
 Concen: 45.652 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006561.D
 Acq: 17 Dec 2018 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.8	25.2
87	15.0	11.9	17.9



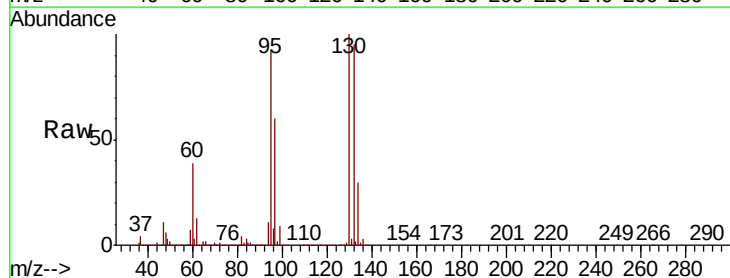
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



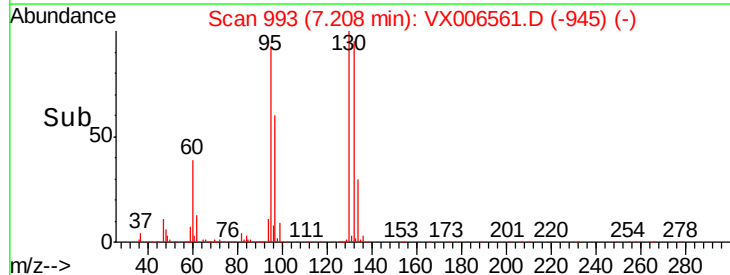
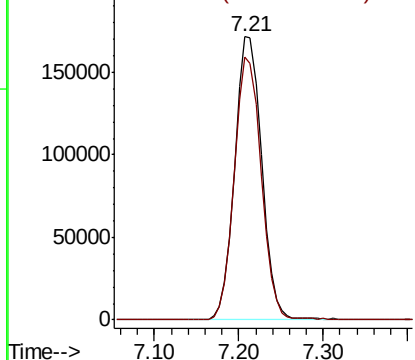
#44

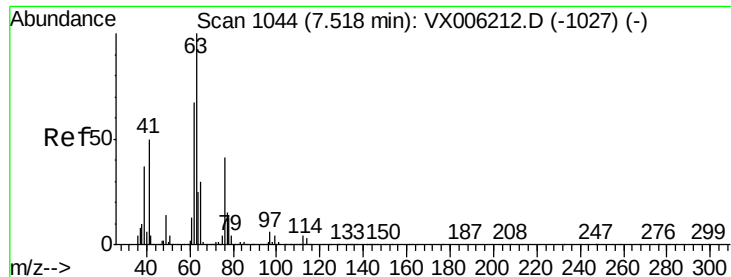
Trichloroethene
 Concen: 51.475 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX006561.D
 Acq: 17 Dec 2018 09:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	175.8



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





#45

1,2-Dichloropropane

Concen: 51.728 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

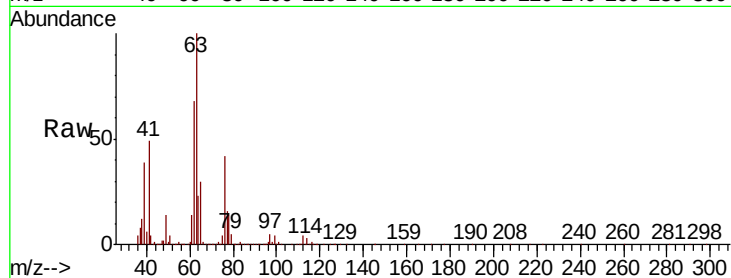
VSTDCCC050

Tot Ion: 63 Resp: 312222

Ion Ratio Lower Upper

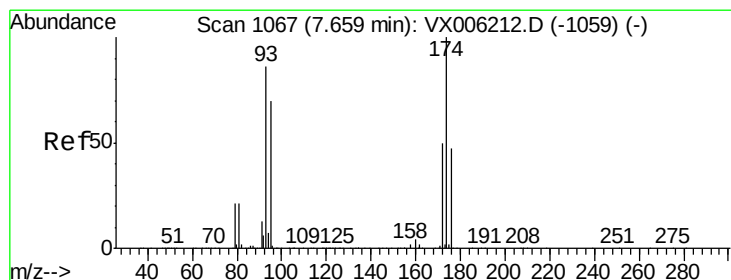
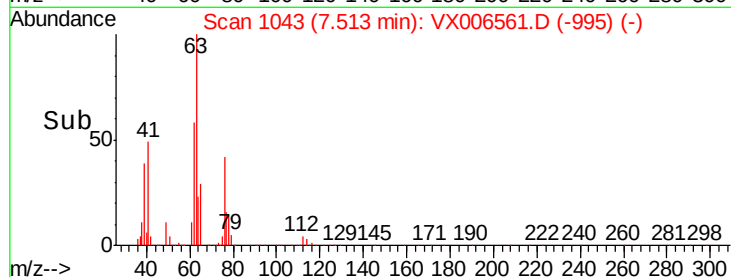
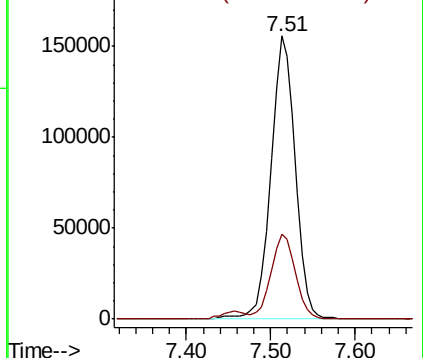
63 100

65 29.8 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.508 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

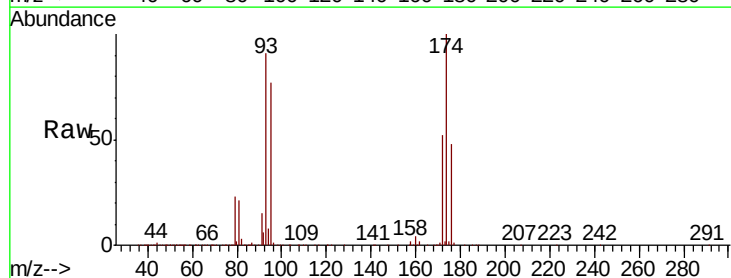
Tgt Ion: 93 Resp: 228893

Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

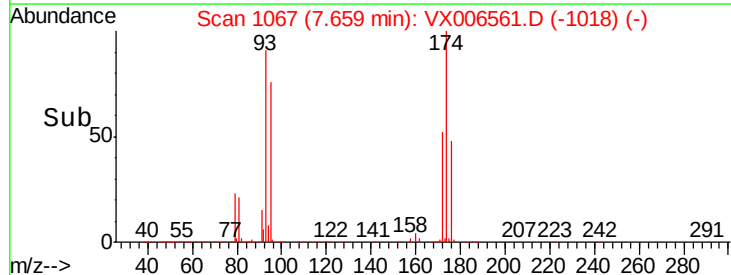
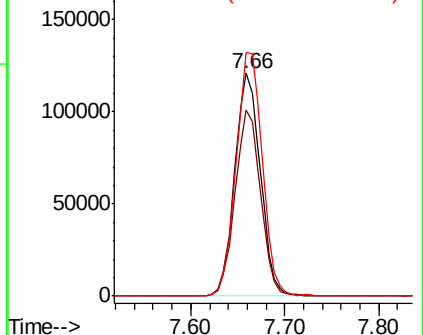
174 112.1 97.2 145.8

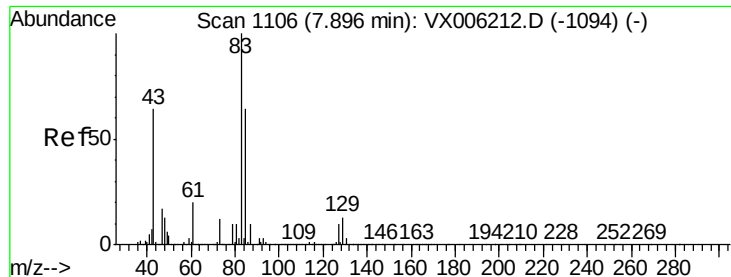


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.776 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

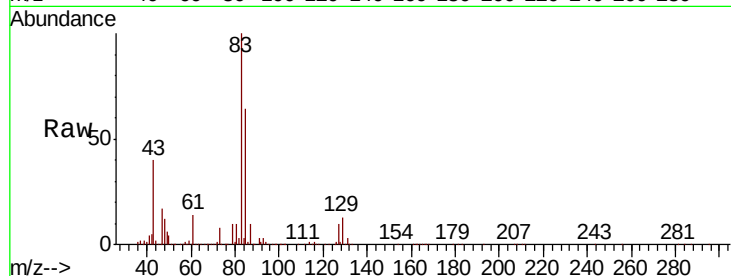
Tot Ion: 83 Resp: 437078

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.0

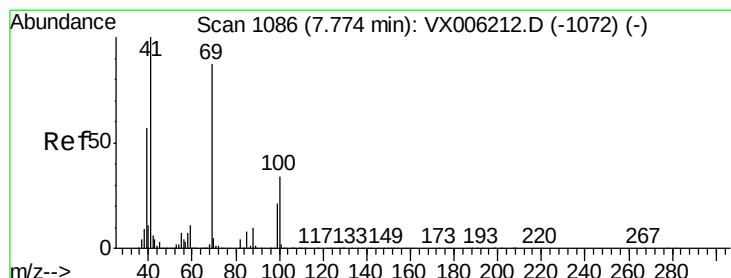
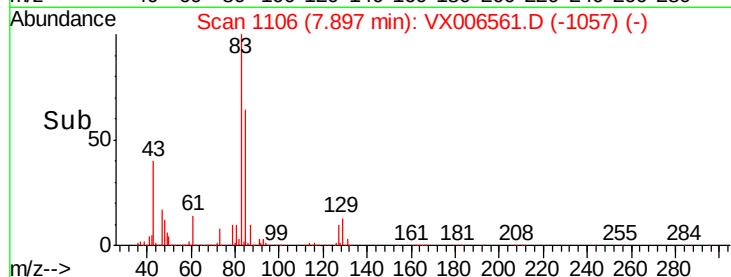
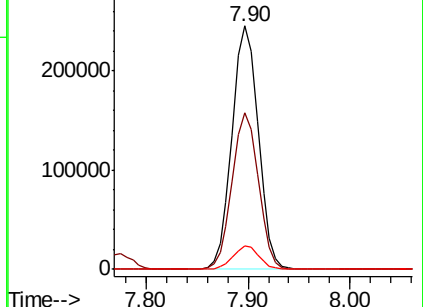
127 9.6 7.9 11.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 46.312 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

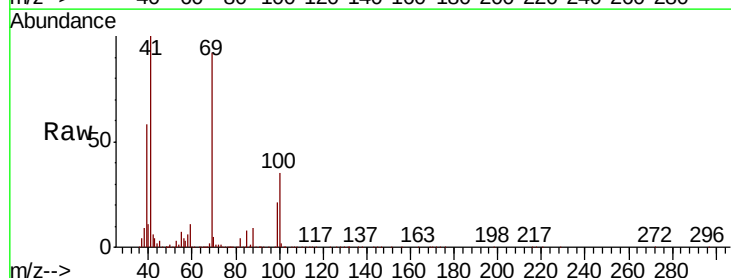
Tgt Ion: 41 Resp: 333561

Ion Ratio Lower Upper

41 100

69 90.6 70.3 105.5

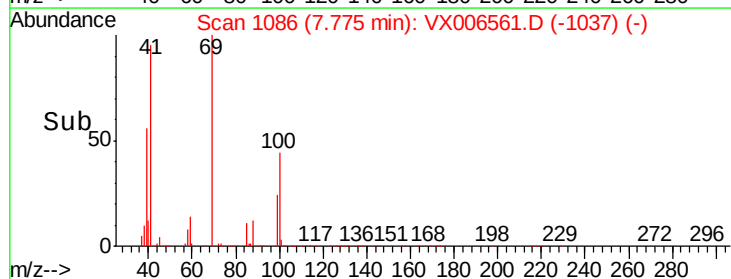
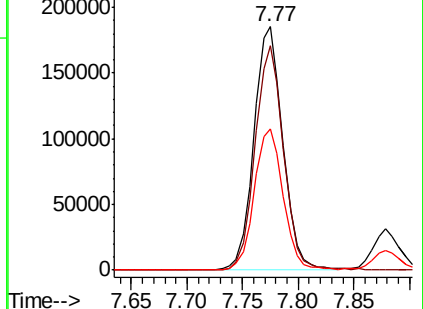
39 58.2 45.3 67.9

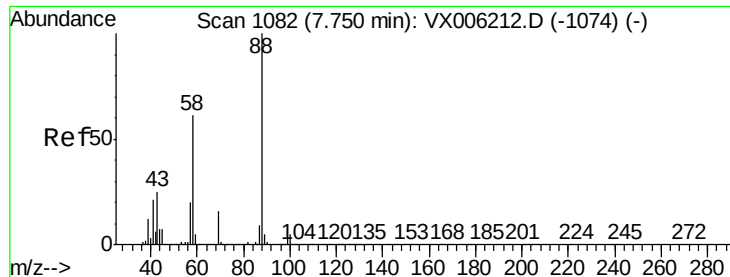


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 962.345 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

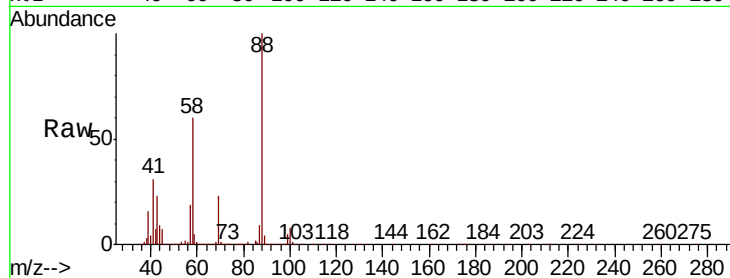
Tot Ion: 88 Resp: 170833

Ion	Ratio	Lower	Upper
88	100		
43	27.4	23.2	34.8
58	62.9	51.4	77.0

88 100

43 27.4 23.2 34.8

58 62.9 51.4 77.0

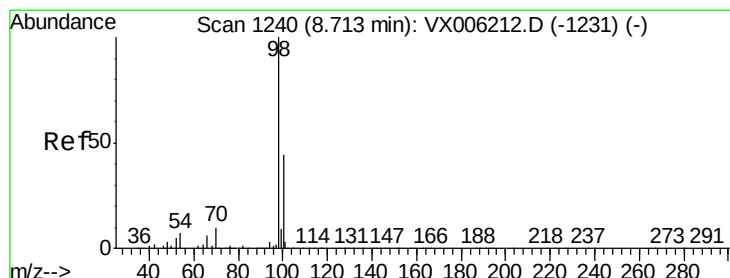
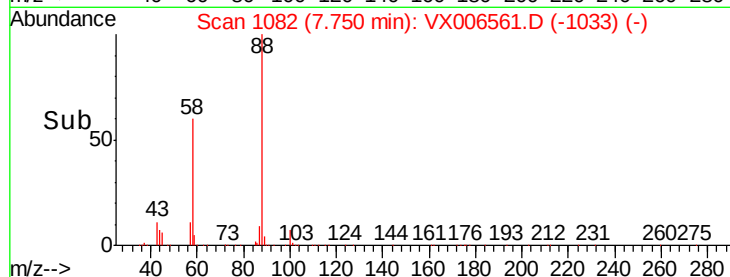
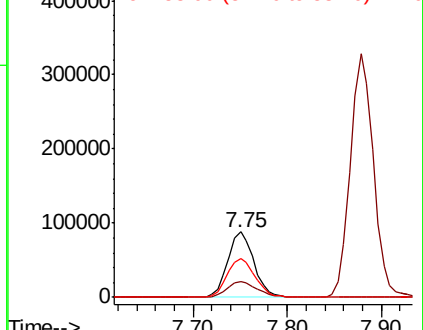


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.138 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006561.D

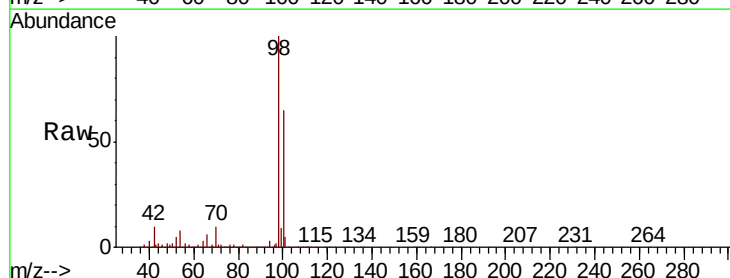
Acq: 17 Dec 2018 09:36

Tgt Ion: 98 Resp: 1156206

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.2

98 100

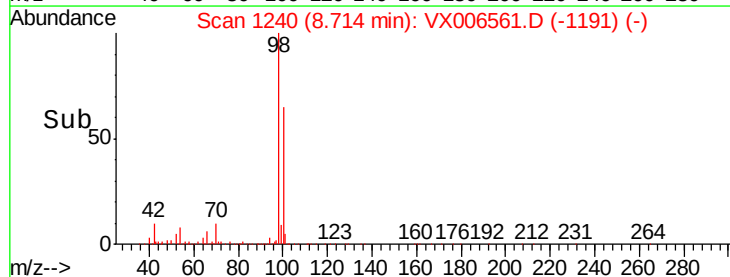
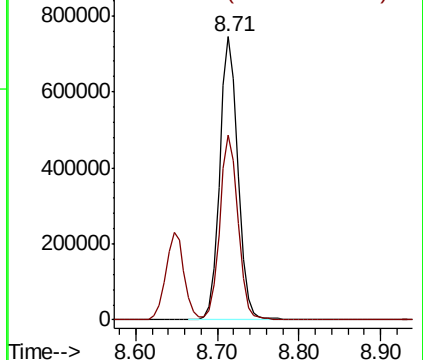
100 65.6 52.2 78.2

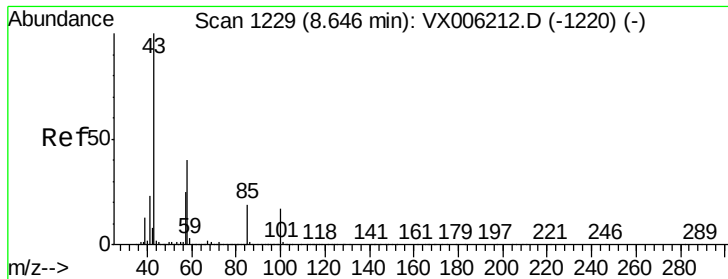


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 247.689 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

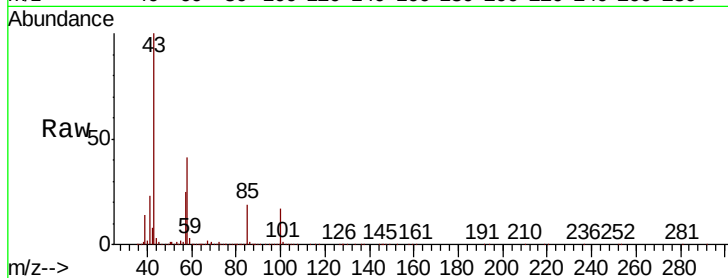
VSTDCCC050

Tot Ion: 43 Resp: 2134773

Ion Ratio Lower Upper

43 100

58 40.0 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

1500000

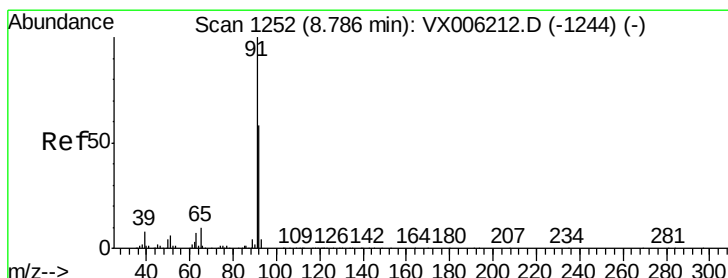
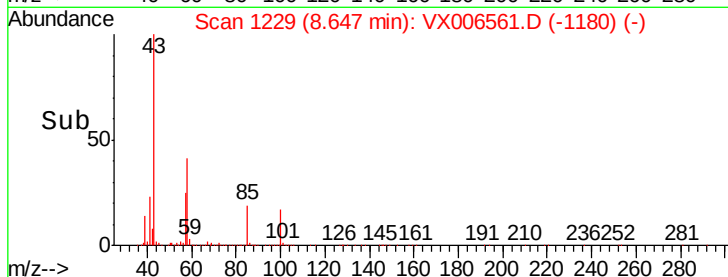
1000000

500000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 53.025 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006561.D

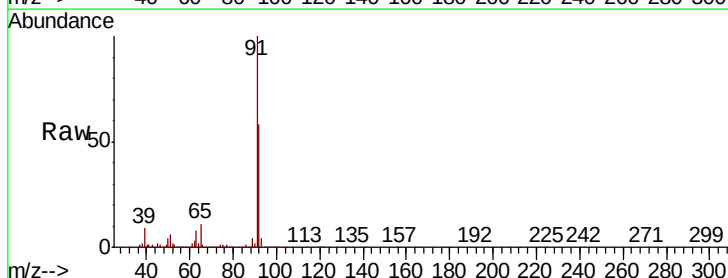
Acq: 17 Dec 2018 09:36

Tgt Ion: 92 Resp: 828488

Ion Ratio Lower Upper

92 100

91 172.1 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

1000000

800000

600000

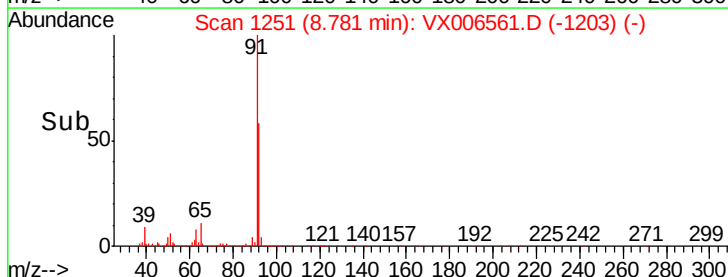
400000

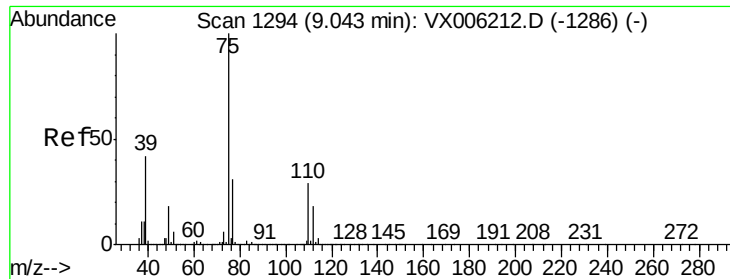
200000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.700 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

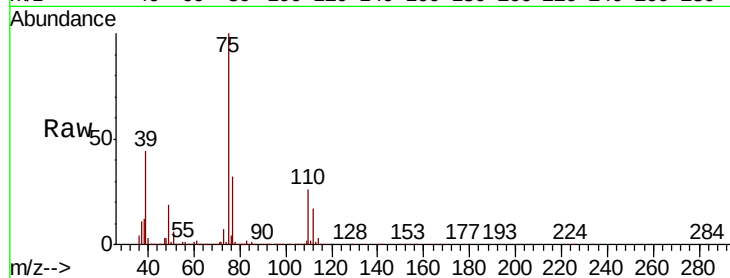
VSTDCCC050

Tot Ion: 75 Resp: 480800

Ion Ratio Lower Upper

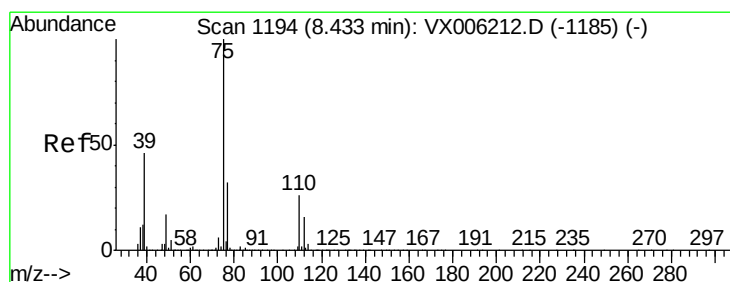
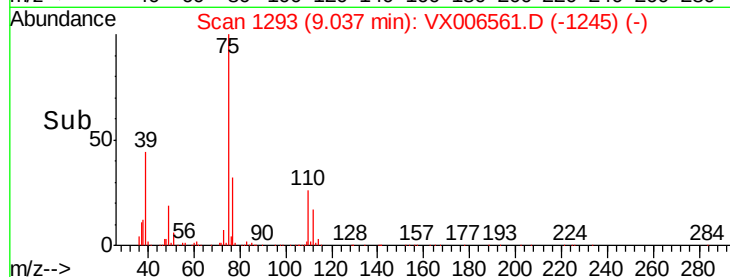
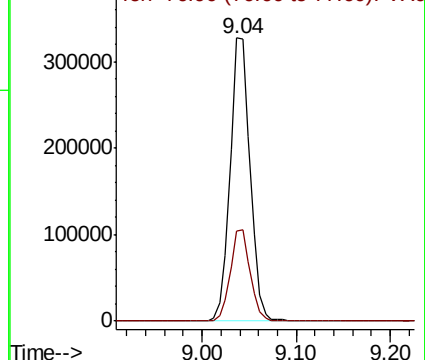
75 100

77 32.0 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.449 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

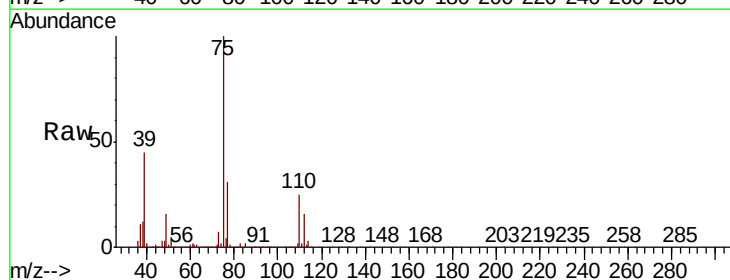
Tgt Ion: 75 Resp: 517187

Ion Ratio Lower Upper

75 100

77 30.8 25.6 38.4

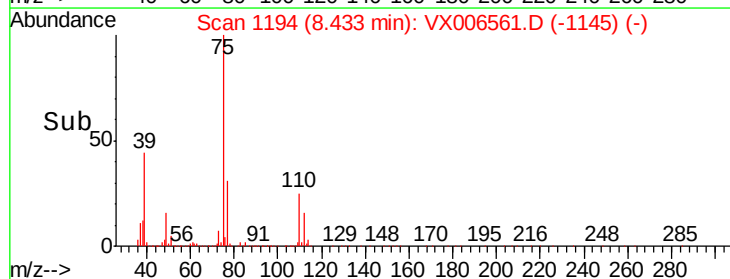
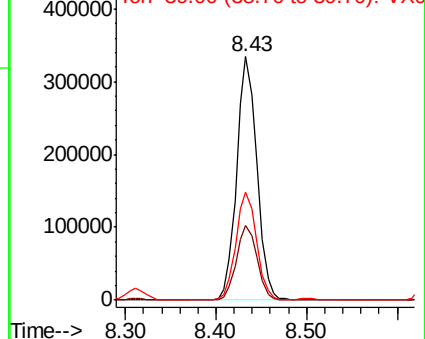
39 44.4 36.5 54.7

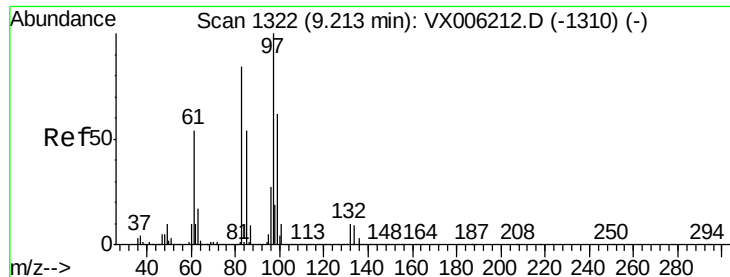


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

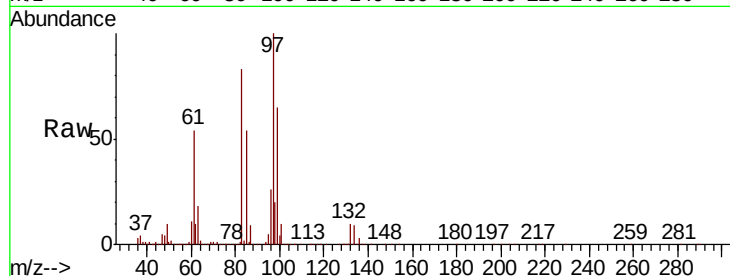




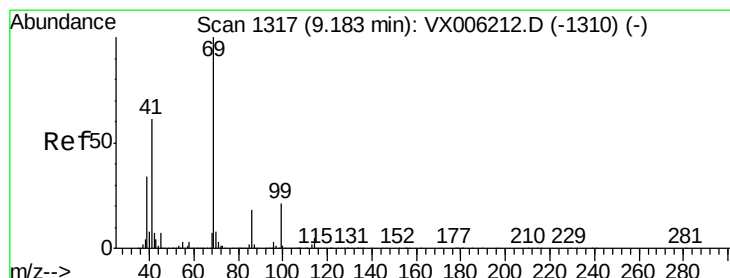
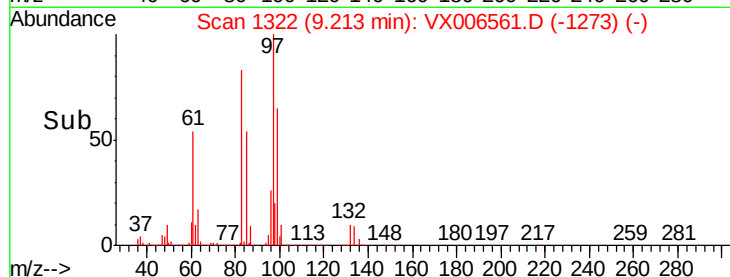
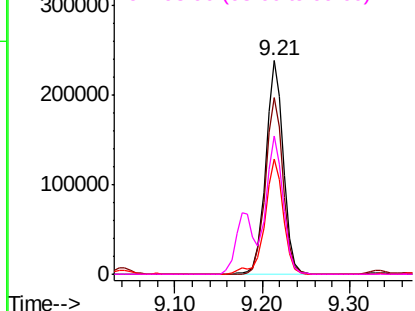
#55
 1,1,2-Trichloroethane
 Concen: 53.197 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006561.D
 Acq: 17 Dec 2018 09:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	337667
Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.1	100.7
85	53.8	43.2	64.8
99	64.7	49.8	74.6

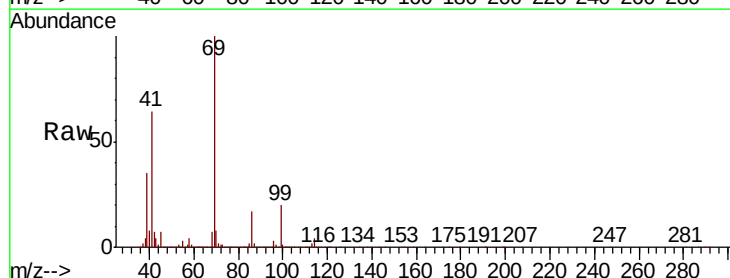


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

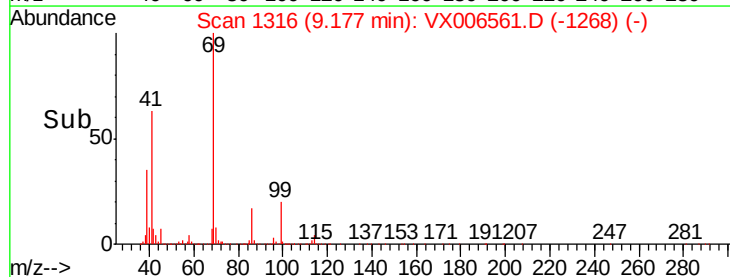
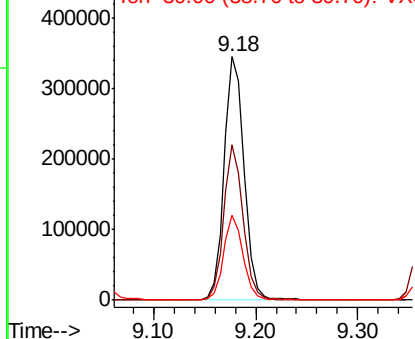


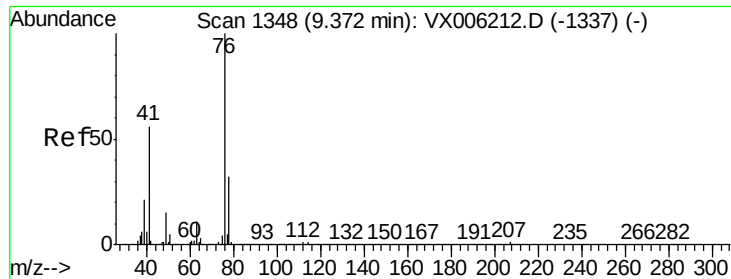
#56
 Ethyl methacrylate
 Concen: 47.371 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006561.D
 Acq: 17 Dec 2018 09:36

Tgt Ion:	69	Resp:	470076
Ion	Ratio	Lower	Upper
69	100		
41	61.9	50.6	76.0
39	34.4	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

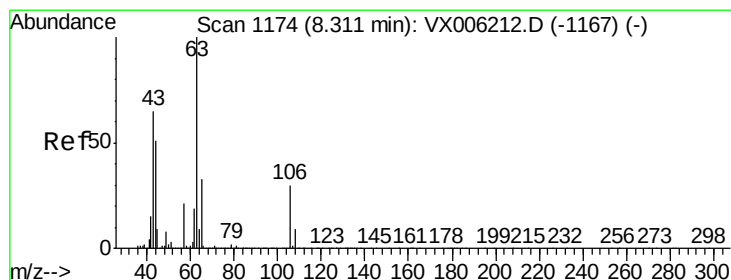
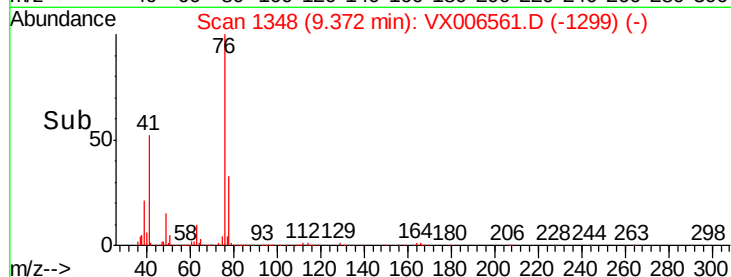
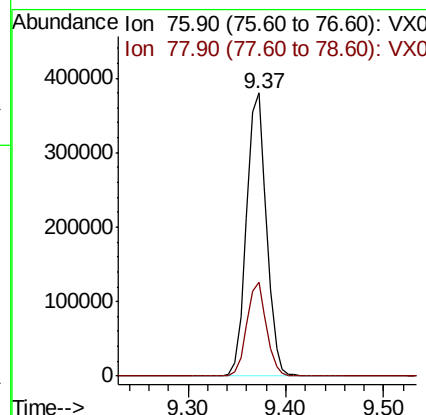
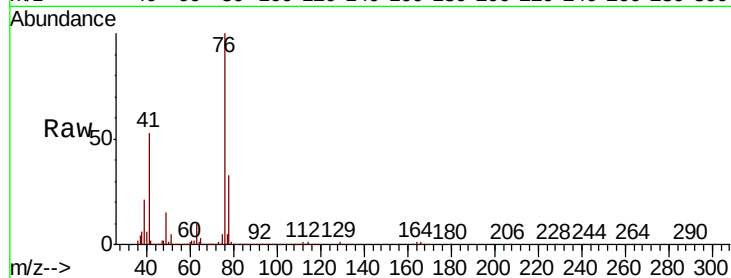




#57
 1,3-Dichloropropane
 Concen: 53.610 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006561.D
 Acq: 17 Dec 2018 09:36

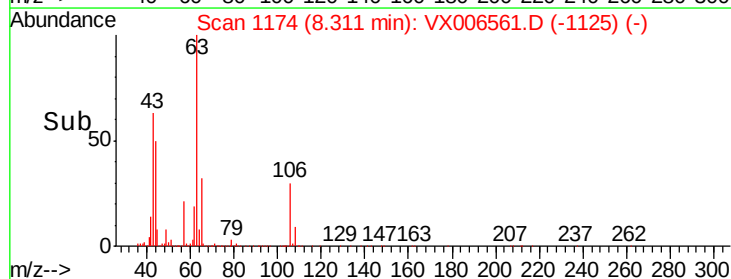
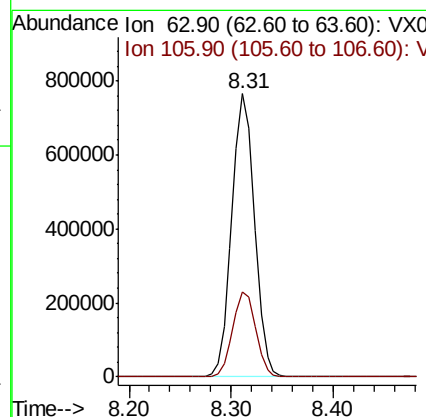
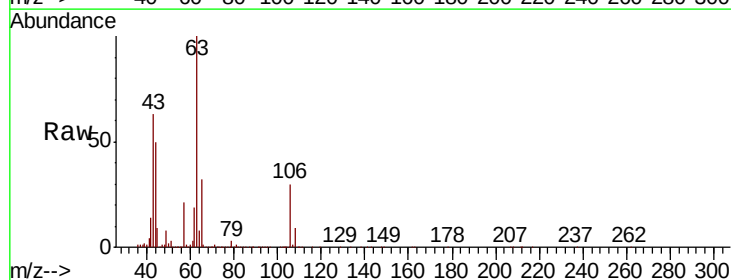
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

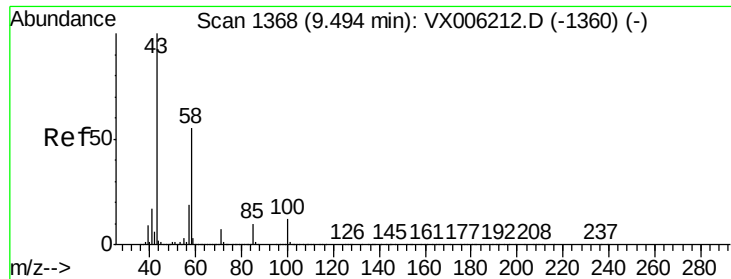
Tot Ion: 76 Resp: 538104
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 234.775 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006561.D
 Acq: 17 Dec 2018 09:36

Tgt Ion: 63 Resp: 1182218
 Ion Ratio Lower Upper
 63 100
 106 30.7 24.9 37.3

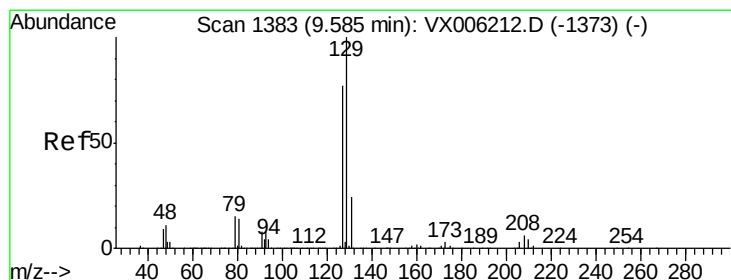
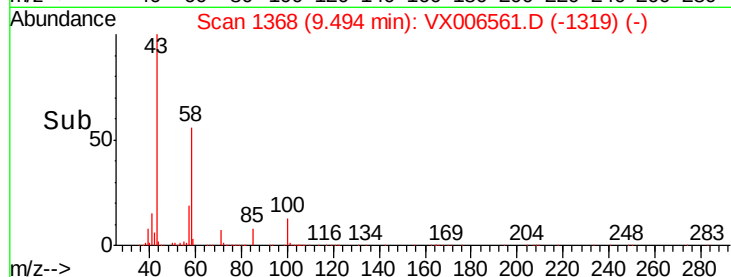
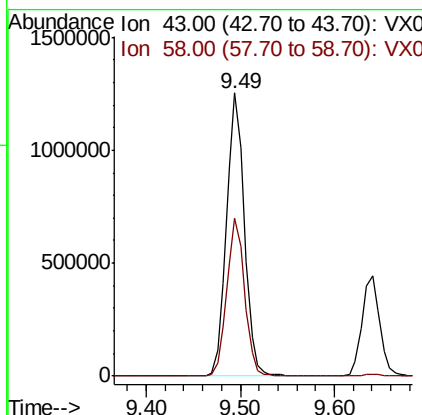
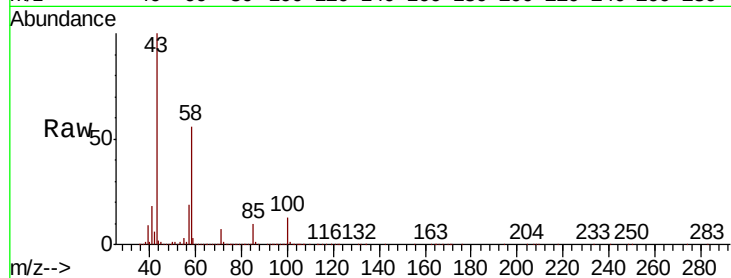




#59
2-Hexanone
Concen: 251.236 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

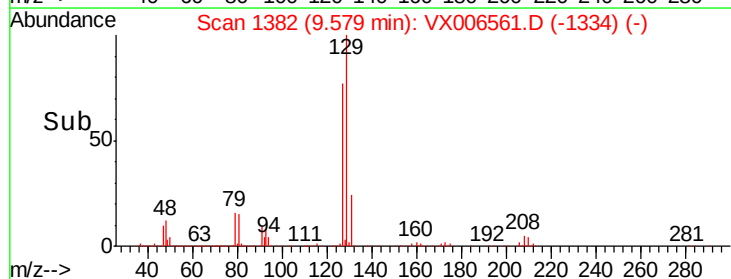
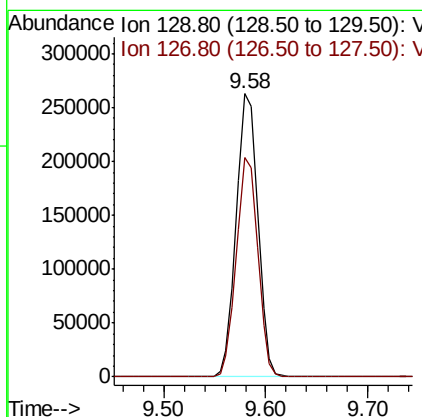
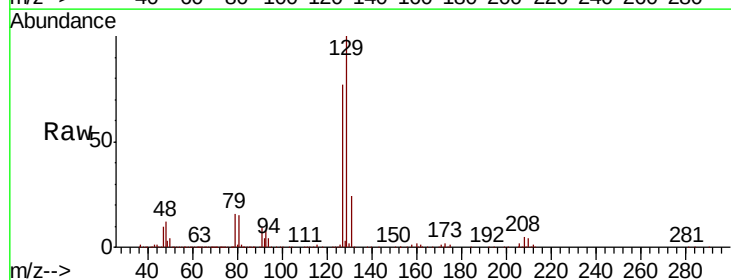
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

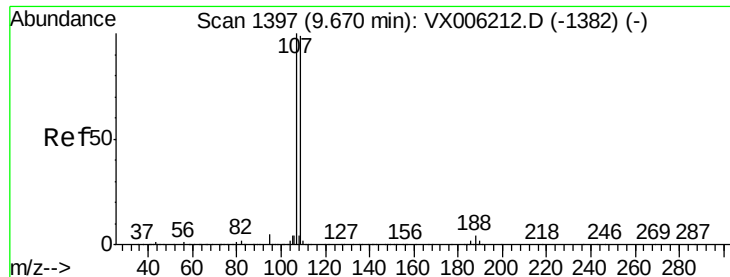
Tot Ion: 43 Resp: 1654324
Ion Ratio Lower Upper
43 100
58 55.6 27.7 83.1



#60
Dibromochloromethane
Concen: 49.154 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

Tgt Ion: 129 Resp: 384736
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 51.870 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

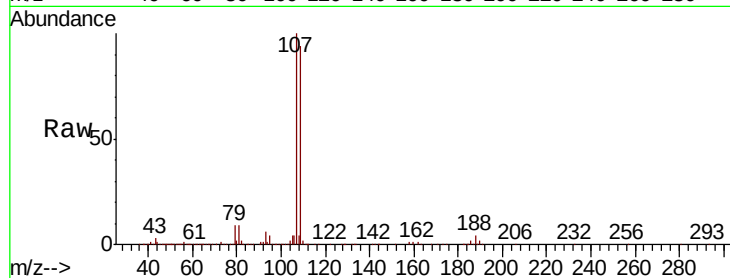
VSTDCCC050

Tot Ion:107 Resp: 368144

Ion Ratio Lower Upper

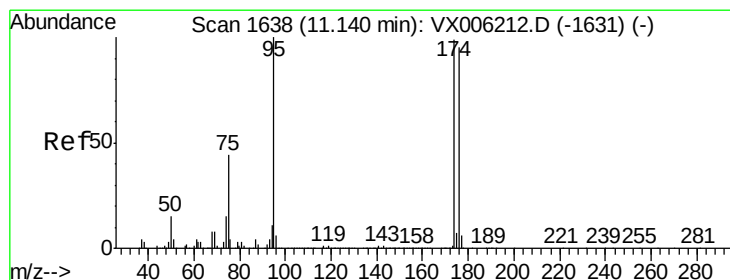
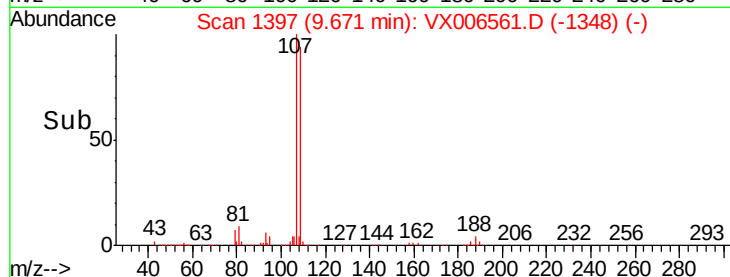
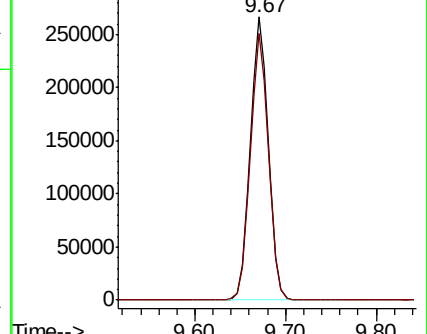
107 100

109 94.2 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.080 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

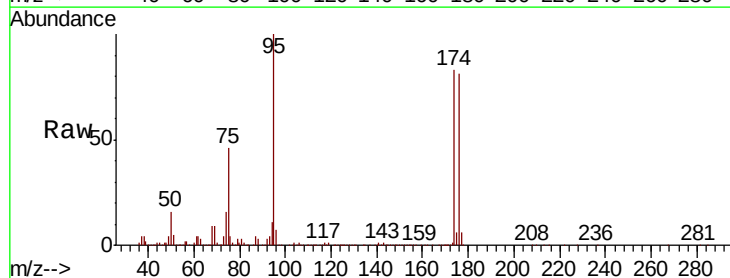
Tgt Ion: 95 Resp: 451915

Ion Ratio Lower Upper

95 100

174 89.7 0.0 187.0

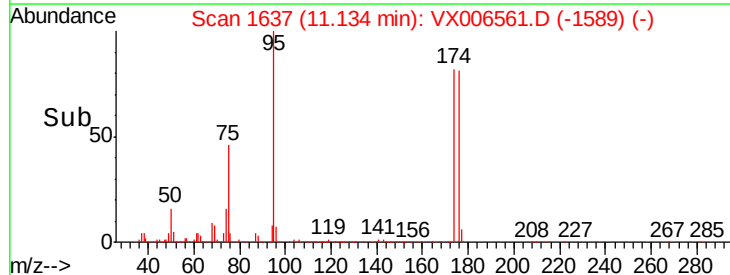
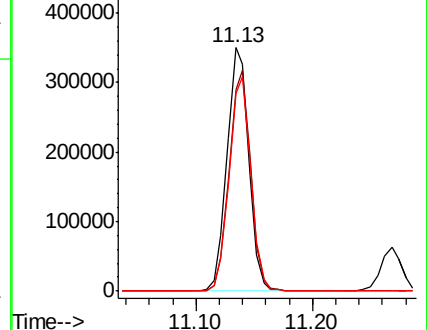
176 87.6 0.0 181.8

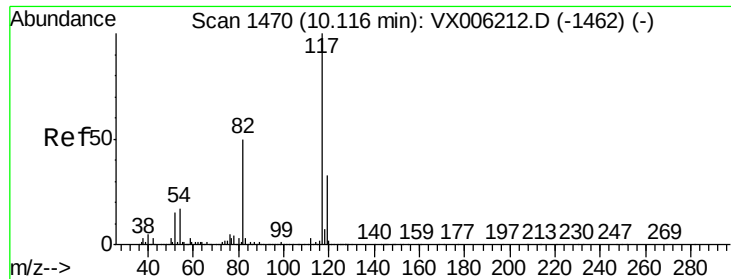


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

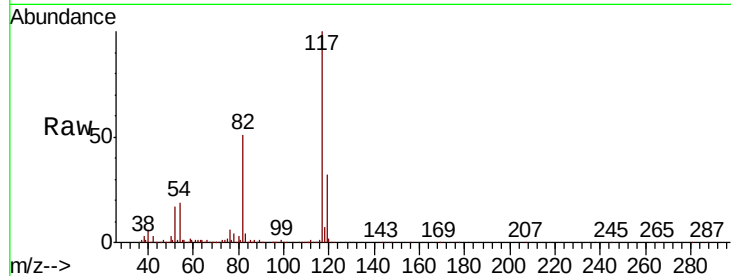




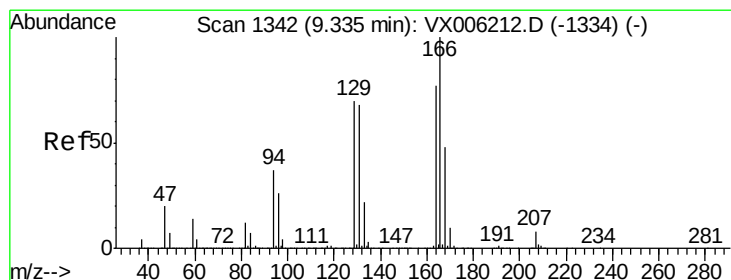
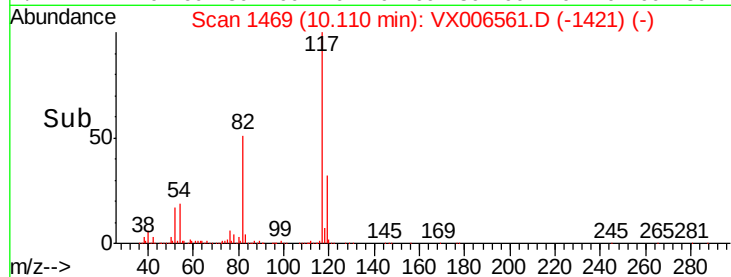
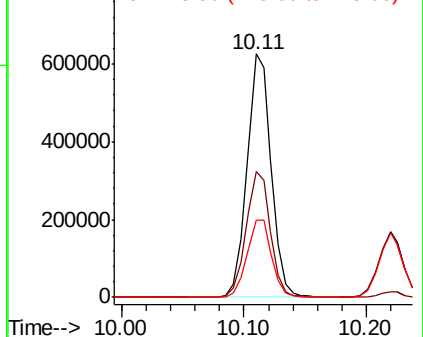
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 858579
Ion Ratio Lower Upper
117 100
82 51.5 39.6 59.4
119 31.7 26.3 39.5

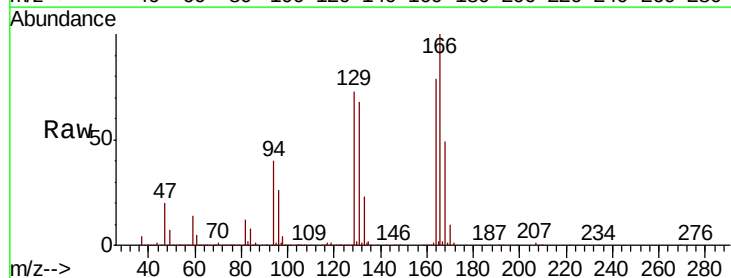


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

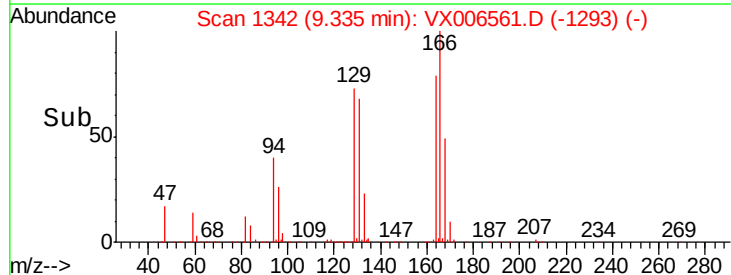
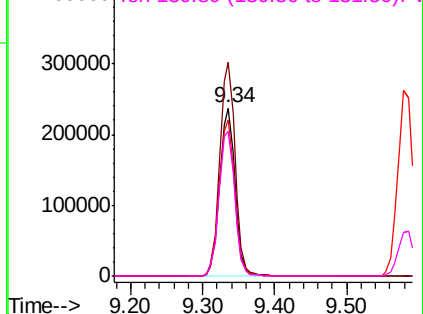


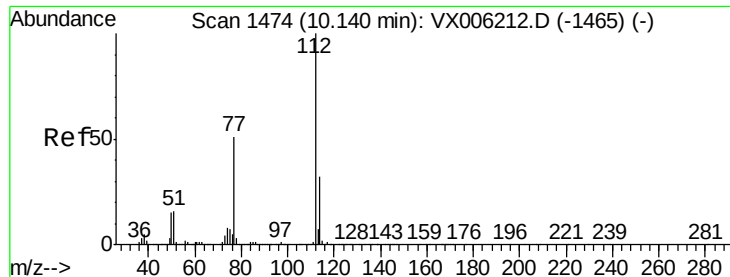
#64
Tetrachloroethene
Concen: 54.151 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

Tgt Ion:164 Resp: 350135
Ion Ratio Lower Upper
164 100
166 127.1 104.2 156.2
129 93.2 72.6 108.8
131 86.4 70.3 105.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

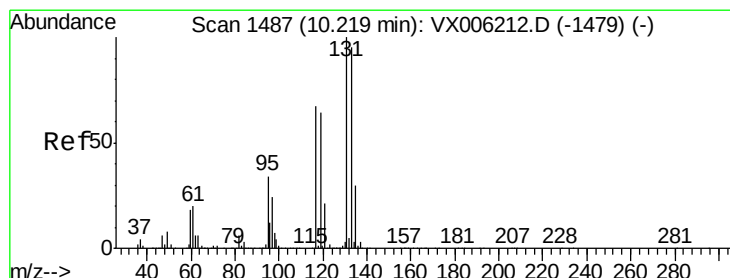
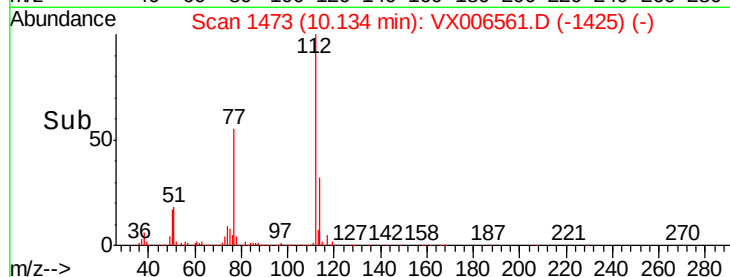
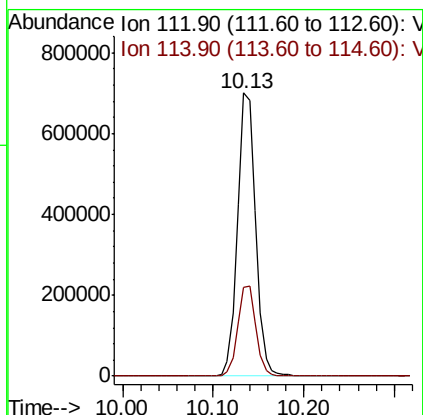
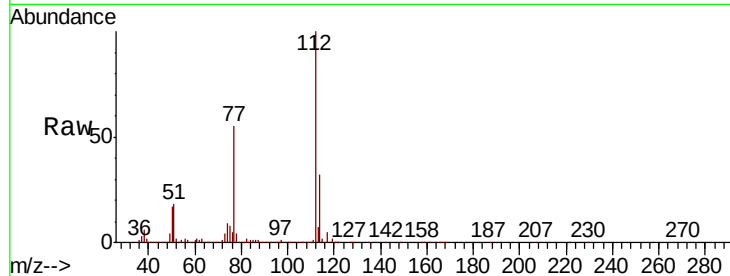




#65
Chlorobenzene
Concen: 53.264 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

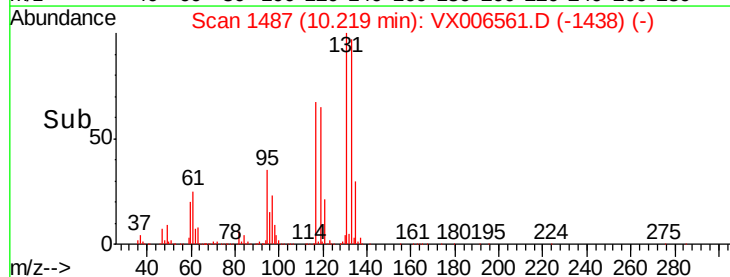
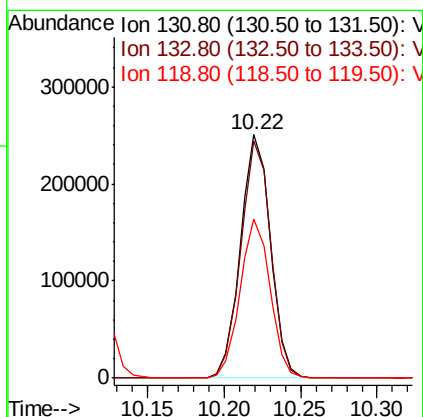
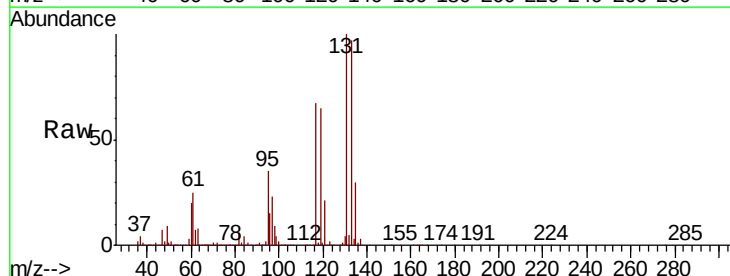
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

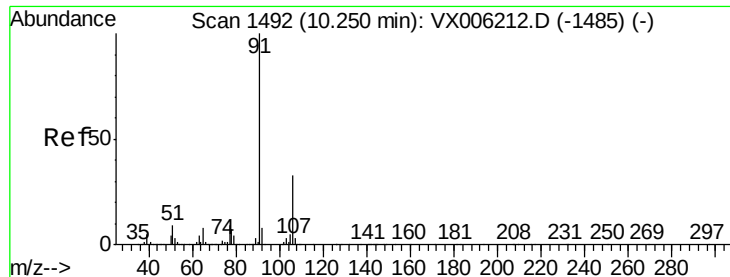
Tot Ion:112 Resp: 970773
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.059 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

Tgt Ion:131 Resp: 340325
Ion Ratio Lower Upper
131 100
133 97.8 48.1 144.4
119 65.6 32.1 96.3





#67

Ethyl Benzene

Concen: 53.233 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

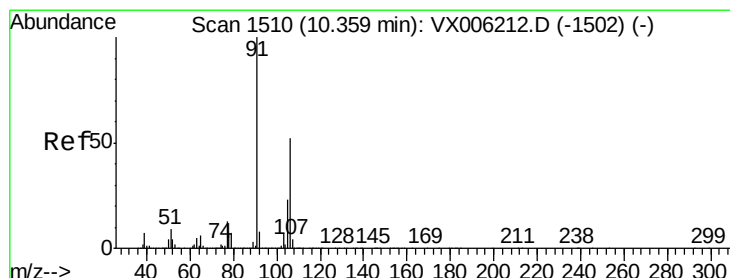
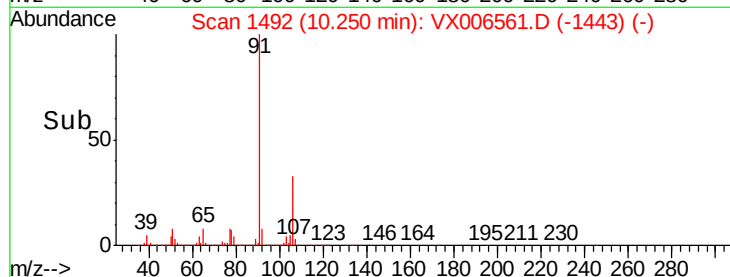
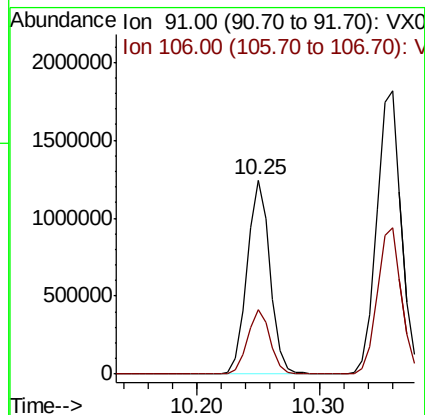
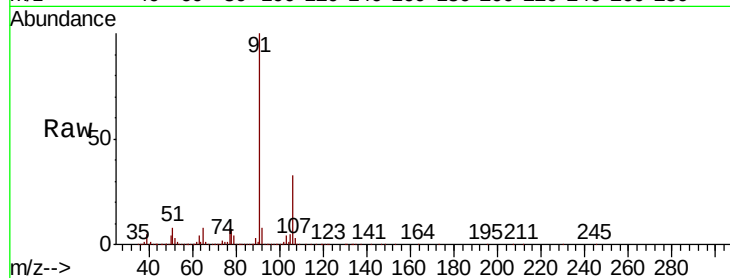
VSTDCCC050

Tot Ion: 91 Resp: 1613652

Ion Ratio Lower Upper

91 100

106 33.2 26.5 39.7



#68

m/p-Xylenes

Concen: 106.705 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006561.D

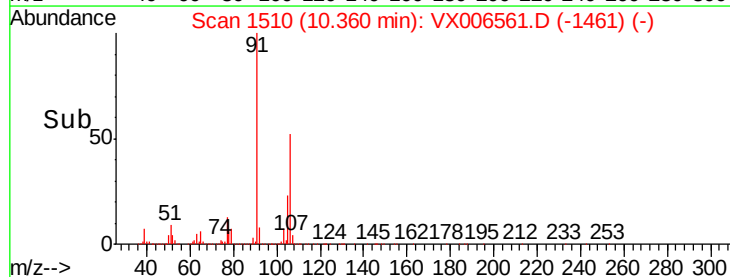
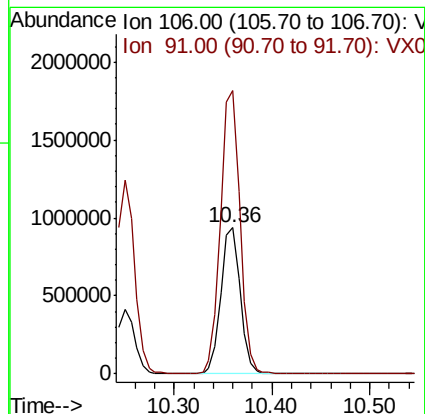
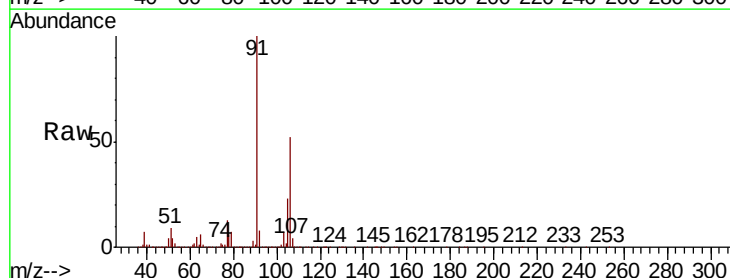
Acq: 17 Dec 2018 09:36

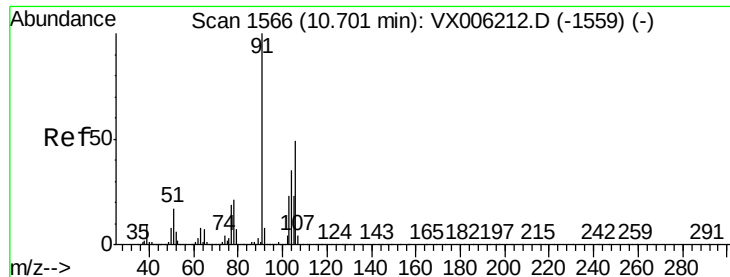
Tgt Ion: 106 Resp: 1295669

Ion Ratio Lower Upper

106 100

91 195.7 155.2 232.8

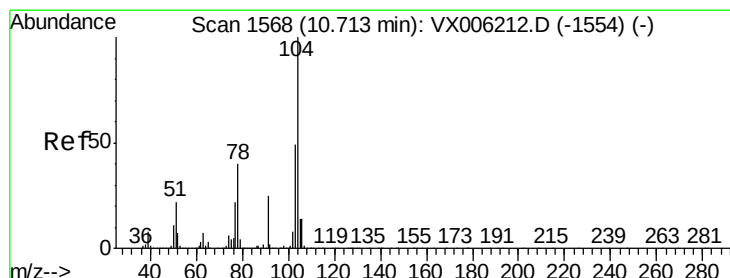
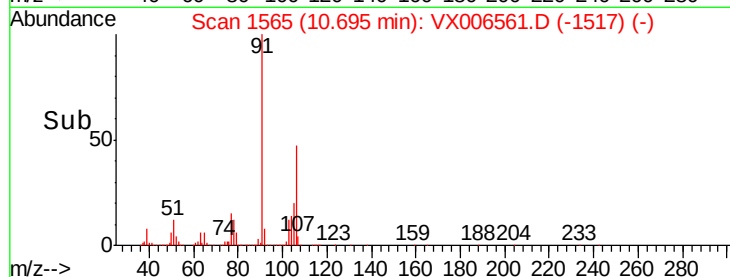
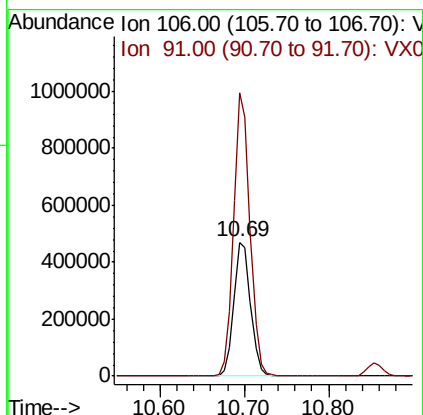
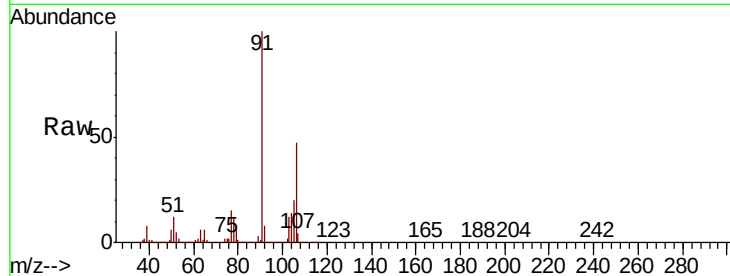




#69
o-Xylene
Concen: 52.903 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

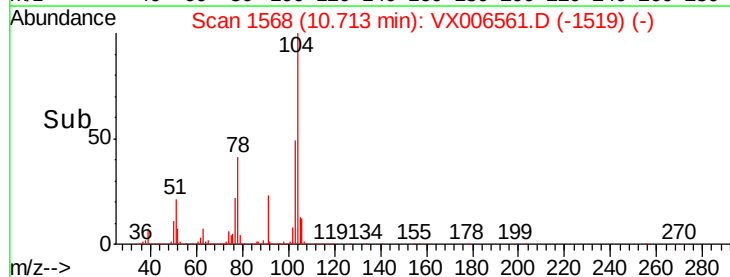
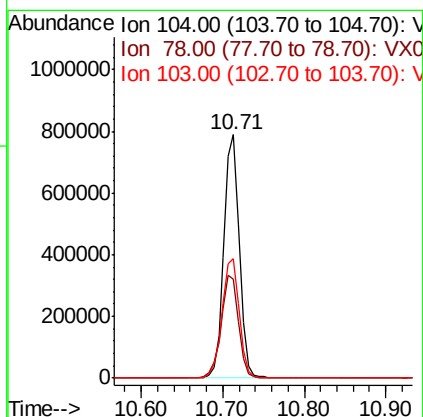
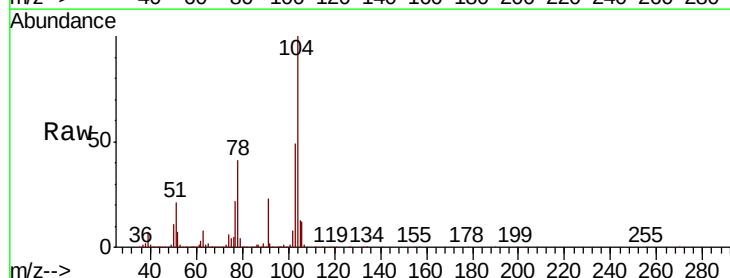
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

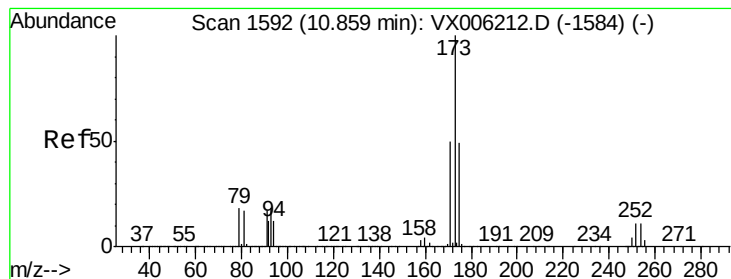
Tot Ion:106 Resp: 634519
Ion Ratio Lower Upper
106 100
91 205.8 101.8 305.6



#70
Styrene
Concen: 53.539 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006561.D
Acq: 17 Dec 2018 09:36

Tgt Ion:104 Resp: 1038570
Ion Ratio Lower Upper
104 100
78 47.5 37.2 55.8
103 54.7 43.5 65.3





#71

Bromoform

Concen: 45.424 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

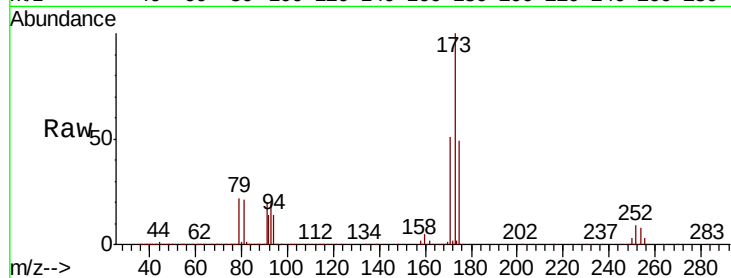
Tot Ion:173 Resp: 303642

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.8

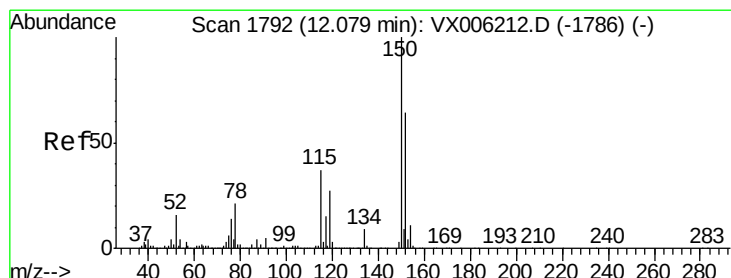
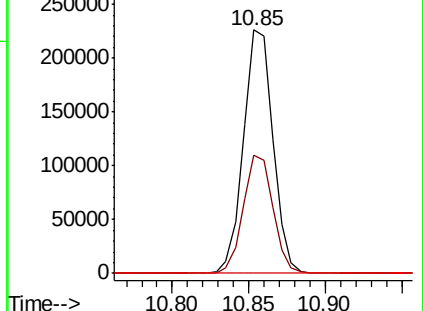
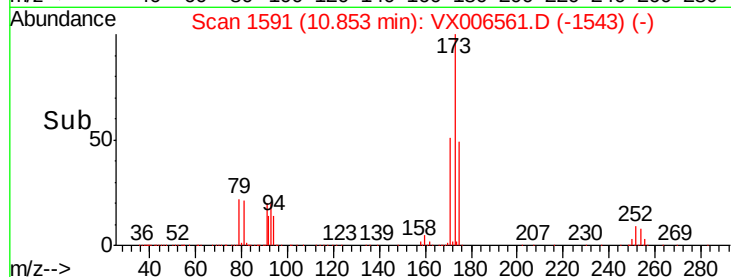
254 0.2 0.2 0.2



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: VX006561.D

Acq: 17 Dec 2018 09:36

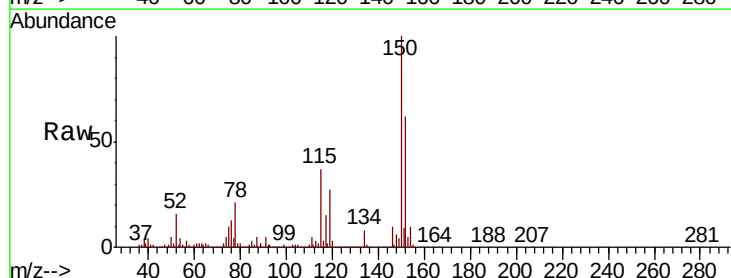
Tgt Ion:152 Resp: 459673

Ion Ratio Lower Upper

152 100

115 81.8 39.0 116.9

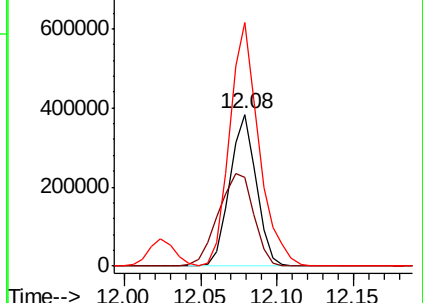
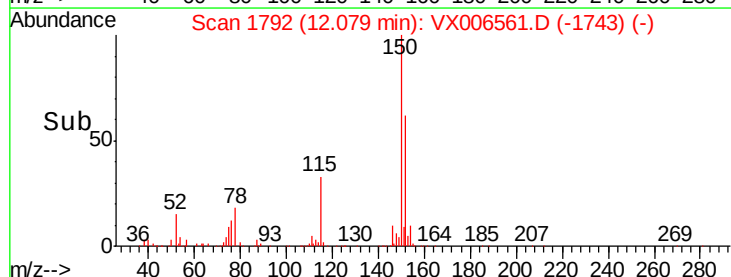
150 177.3 0.0 345.8

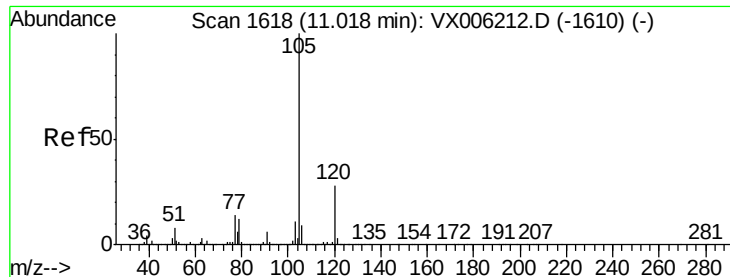


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.467 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

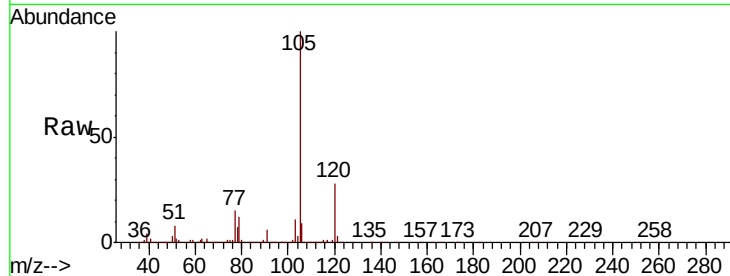
VSTDCCC050

Tot Ion:105 Resp: 1697274

Ion Ratio Lower Upper

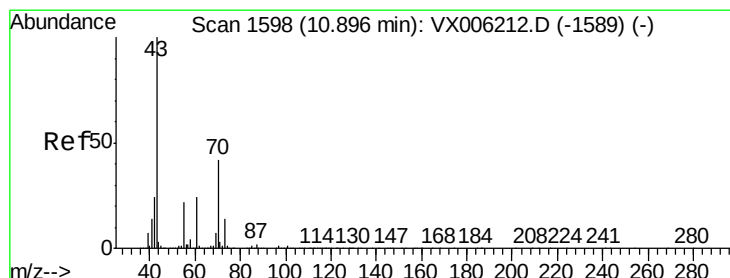
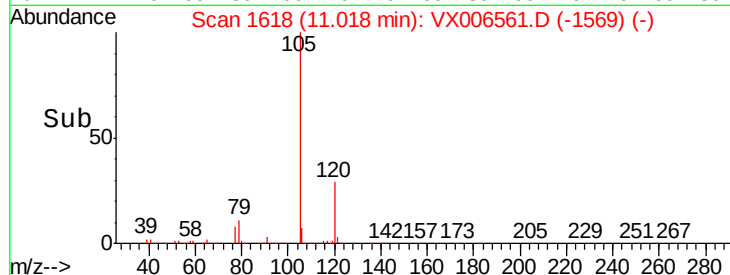
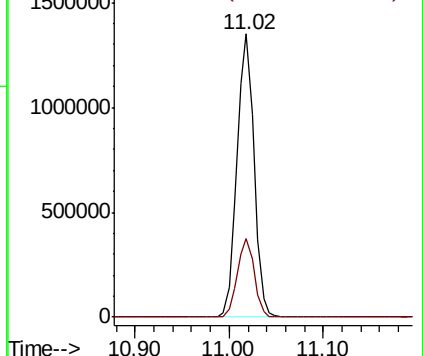
105 100

120 27.8 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 41.913 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Tgt Ion: 43 Resp: 572948

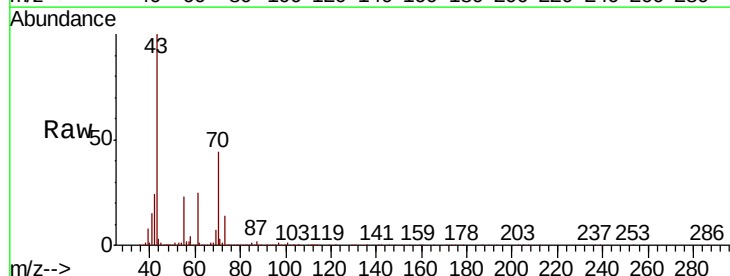
Ion Ratio Lower Upper

43 100

70 44.1 34.1 51.1

55 23.5 17.8 26.8

61 24.9 19.7 29.5

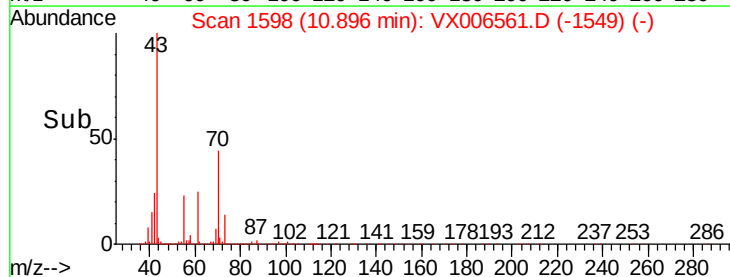
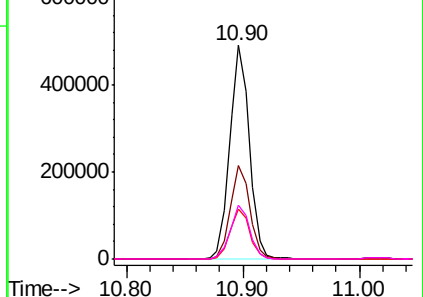


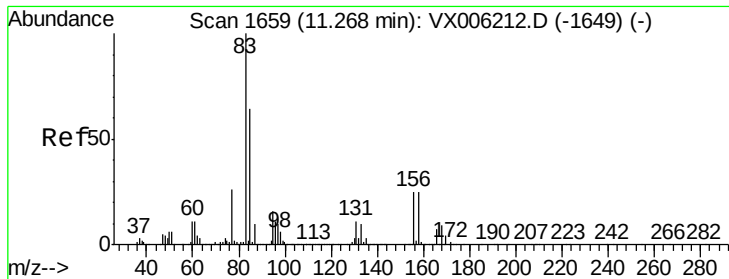
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.549 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

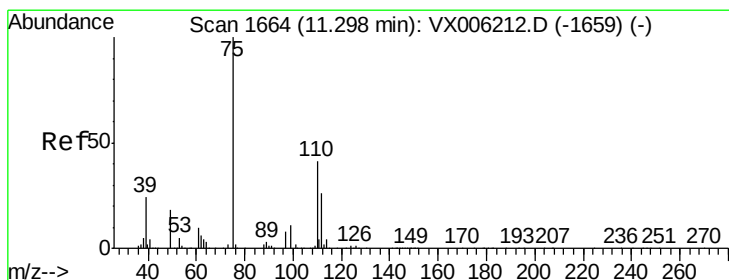
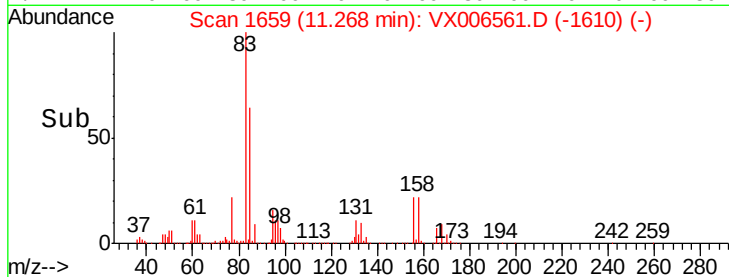
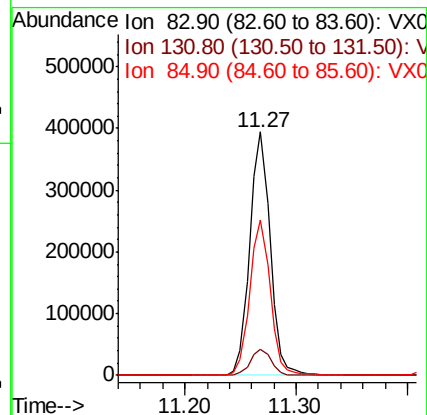
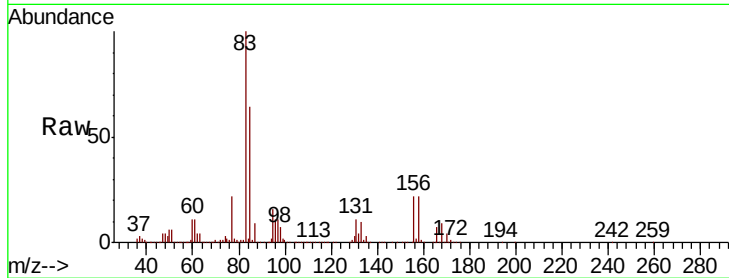
Tot Ion: 83 Resp: 503209

Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.7	17.1
85	64.3	32.1	96.5

83 100

131 11.0 5.7 17.1

85 64.3 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 66.218 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006561.D

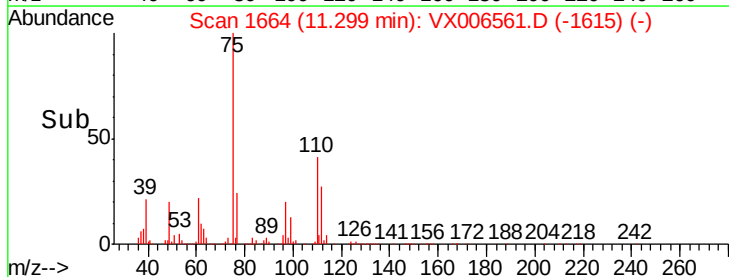
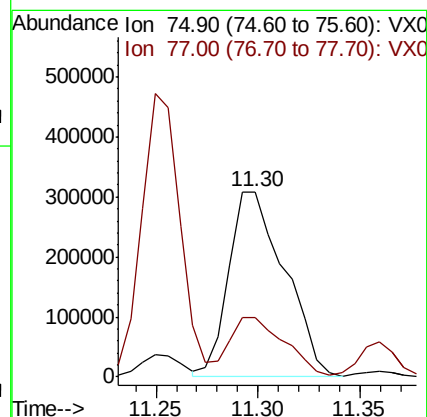
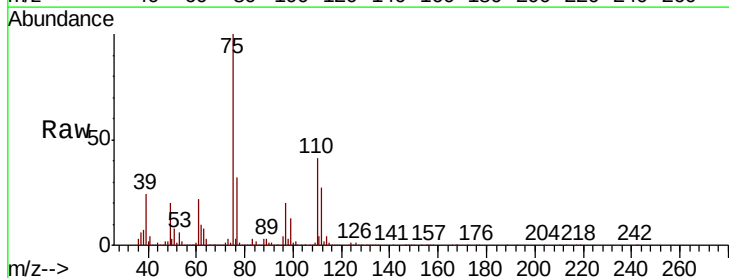
Acq: 17 Dec 2018 09:36

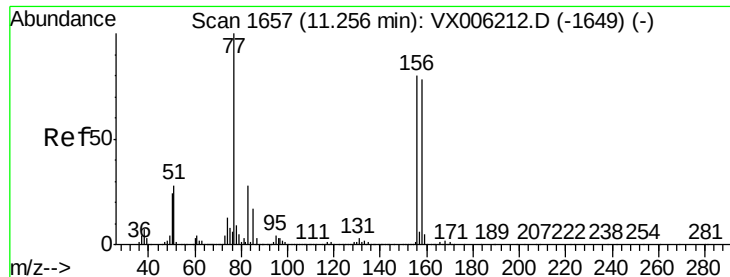
Tgt Ion: 75 Resp: 587517

Ion	Ratio	Lower	Upper
75	100		
77	32.1	19.9	59.7

75 100

77 32.1 19.9 59.7





#77

Bromobenzene

Concen: 50.968 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

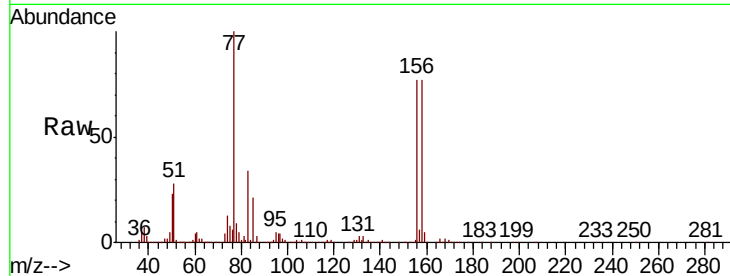
Tot Ion:156 Resp: 449006

Ion Ratio Lower Upper

156 100

77 136.7 66.2 198.6

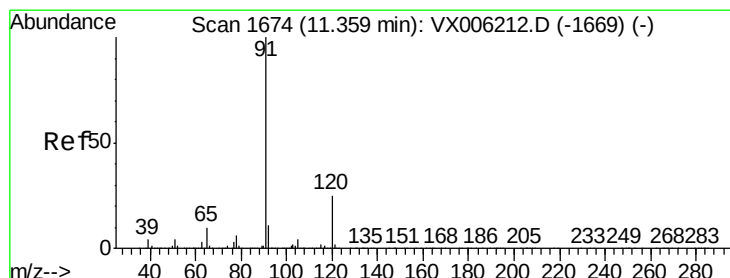
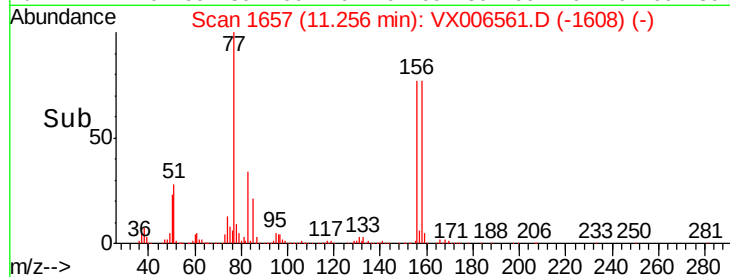
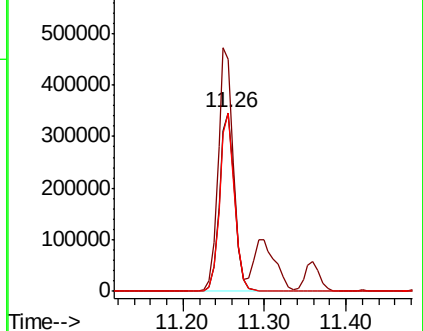
158 98.0 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.185 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006561.D

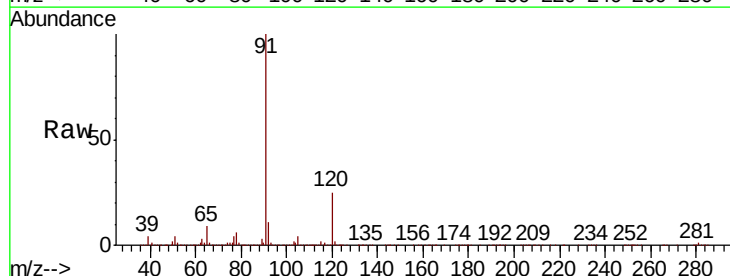
Acq: 17 Dec 2018 09:36

Tgt Ion: 91 Resp: 1912016

Ion Ratio Lower Upper

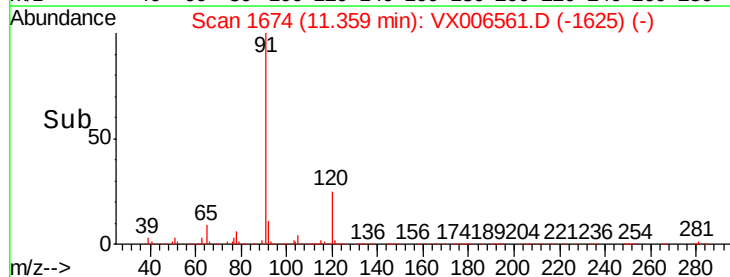
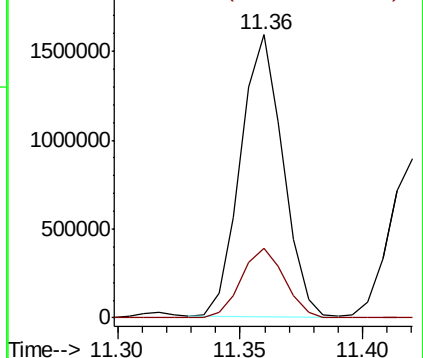
91 100

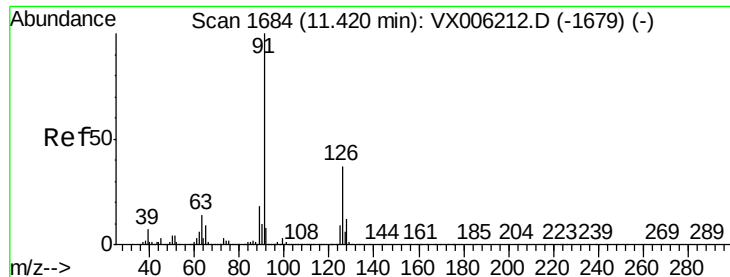
120 25.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.903 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

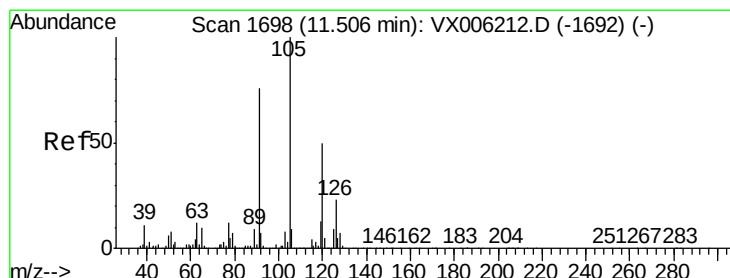
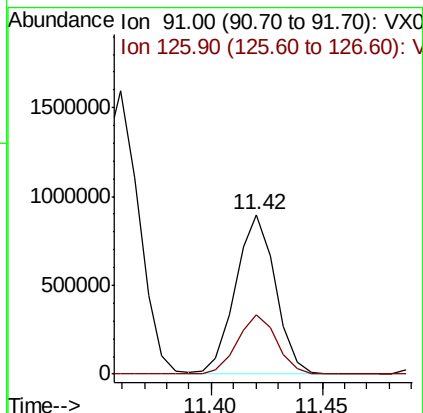
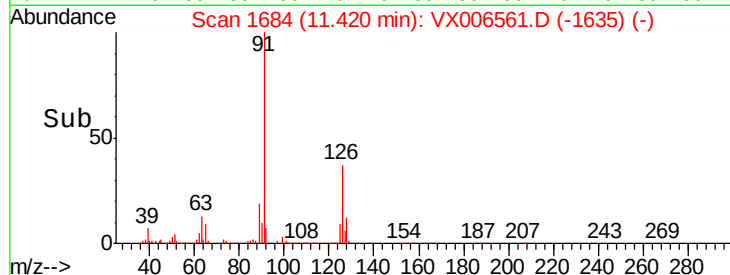
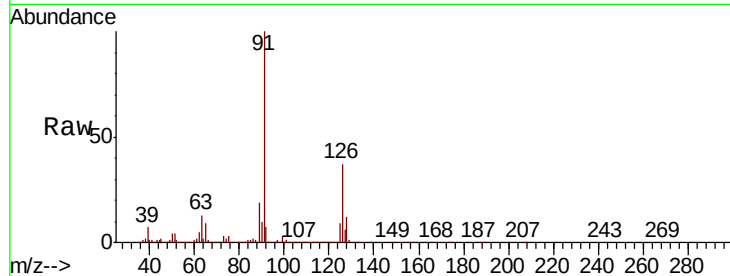
VSTDCCC050

Tot Ion: 91 Resp: 1109545

Ion Ratio Lower Upper

91 100

126 37.4 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 53.761 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006561.D

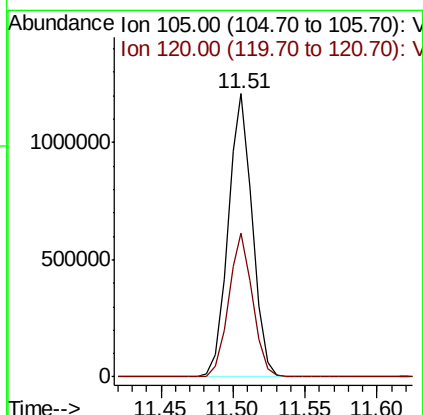
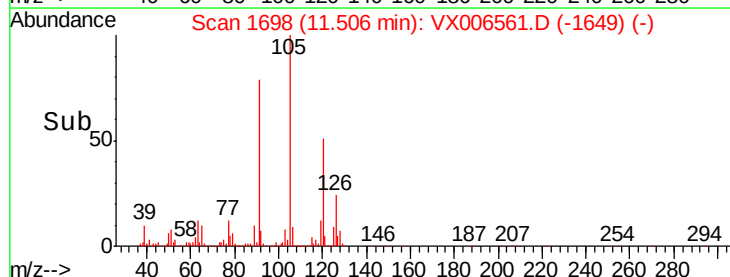
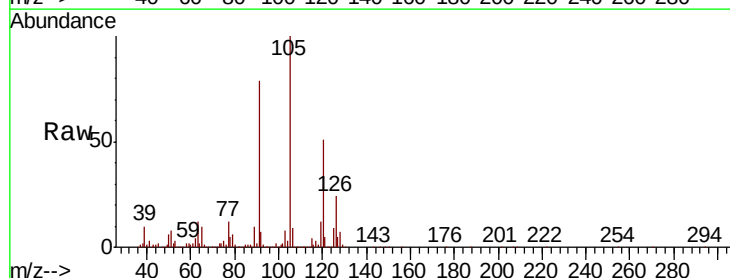
Acq: 17 Dec 2018 09:36

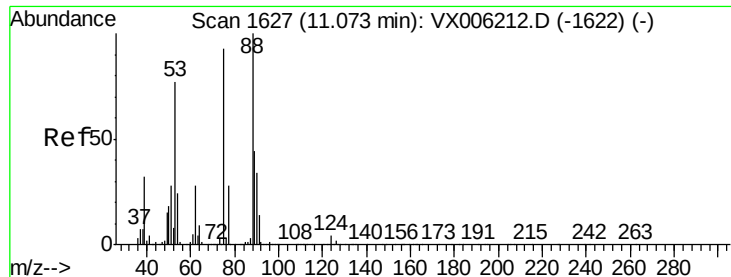
Tgt Ion: 105 Resp: 1419940

Ion Ratio Lower Upper

105 100

120 50.3 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 41.965 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

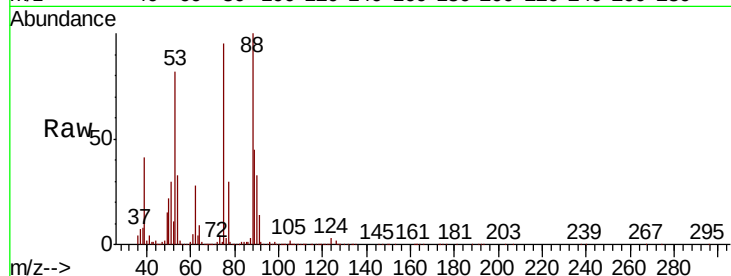
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 158659

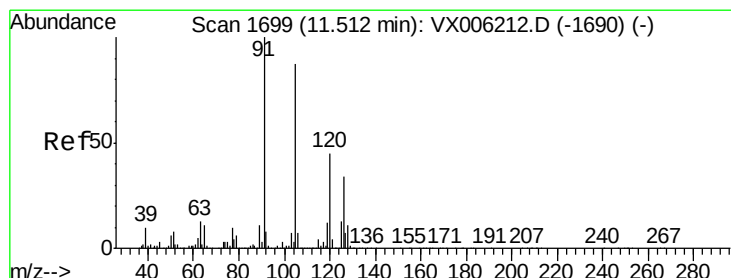
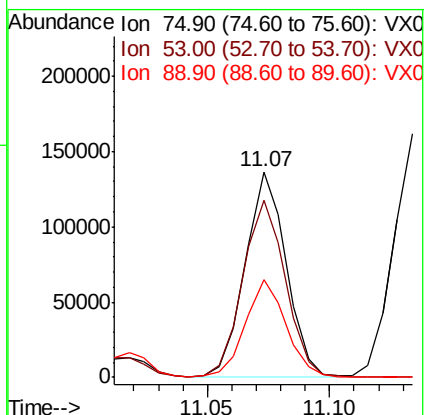
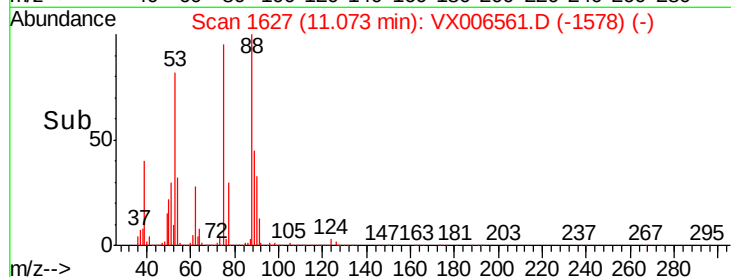
Ion	Ratio	Lower	Upper
75	100		
53	89.8	64.4	96.6
89	47.3	44.2	66.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.612 ug/l

RT: 11.51 min Scan# 1699

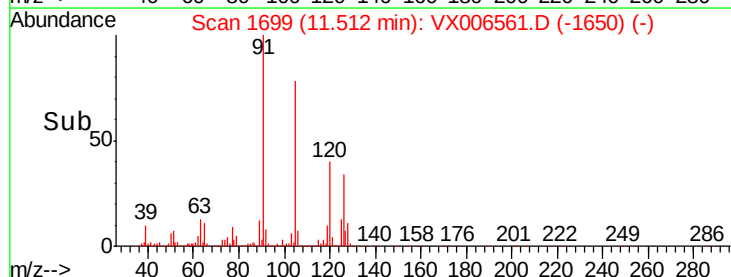
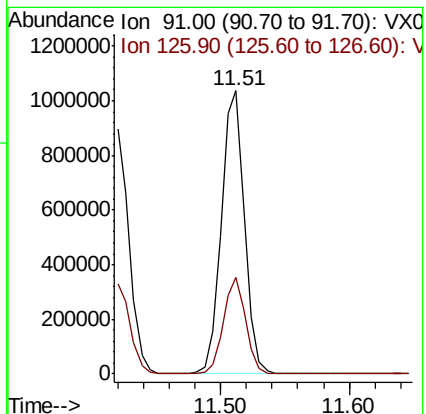
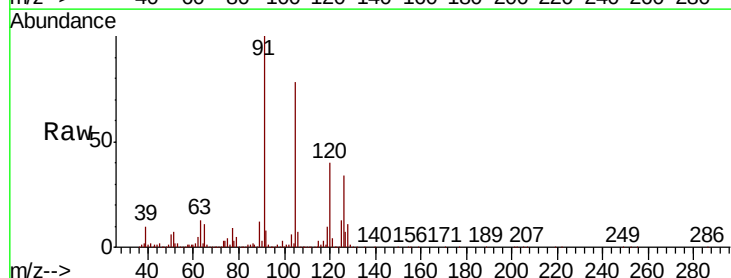
Delta R.T. 0.00 min

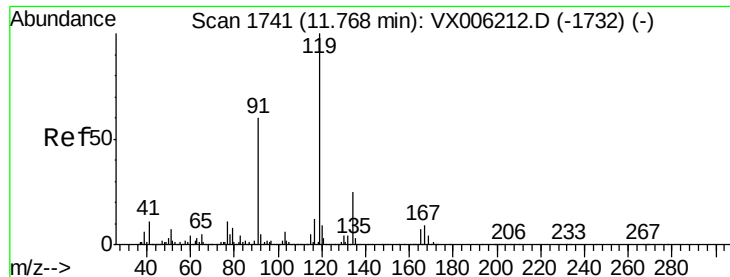
Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Tgt Ion: 91 Resp: 1307302

Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.4	49.4





#83

tert-Butylbenzene

Concen: 51.661 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

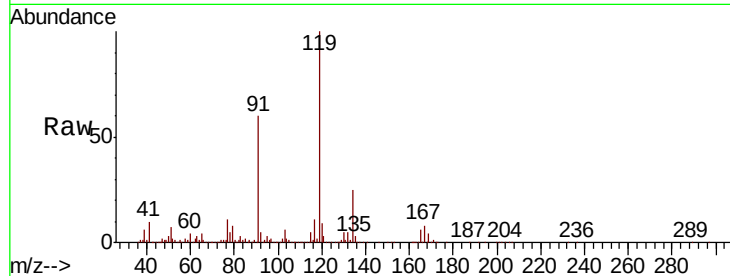
Tot Ion:119 Resp: 1455854

Ion Ratio Lower Upper

119 100

91 54.8 26.4 79.2

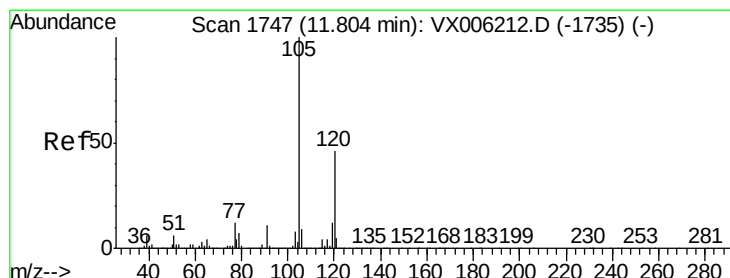
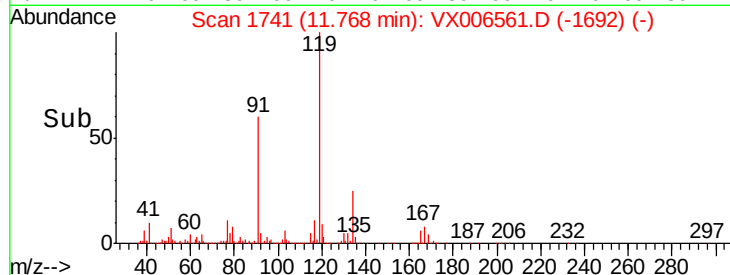
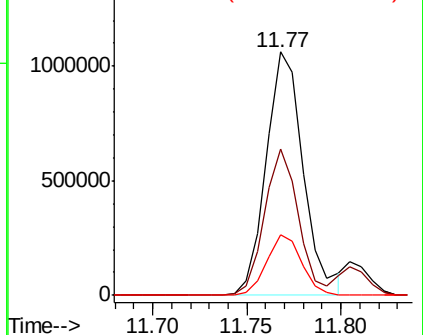
134 23.3 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.413 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006561.D

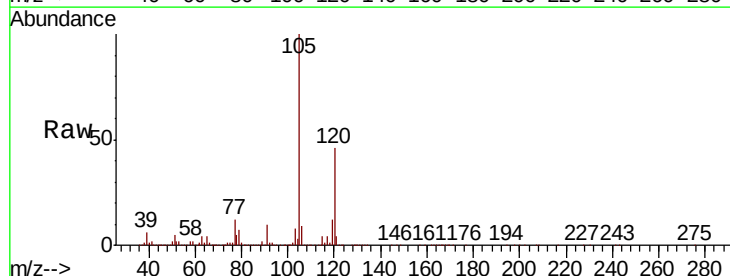
Acq: 17 Dec 2018 09:36

Tgt Ion:105 Resp: 1456739

Ion Ratio Lower Upper

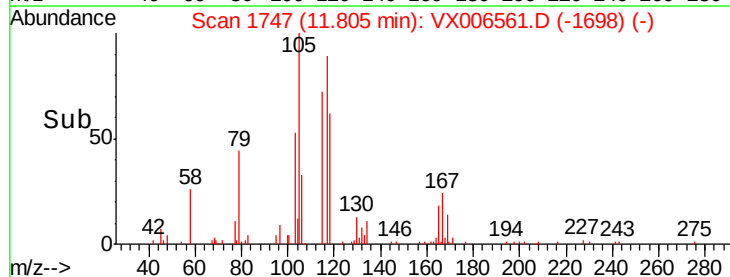
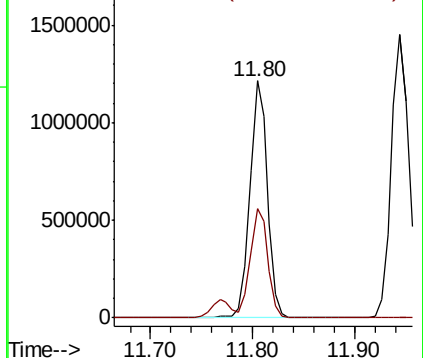
105 100

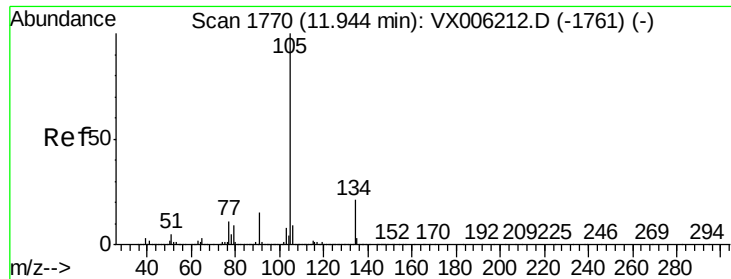
120 46.1 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.729 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

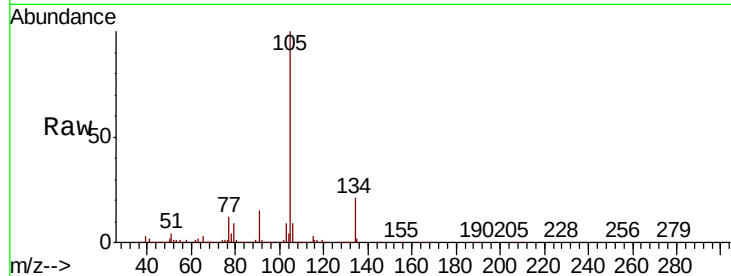
VSTDCCC050

Tot Ion:105 Resp: 1754586

Ion Ratio Lower Upper

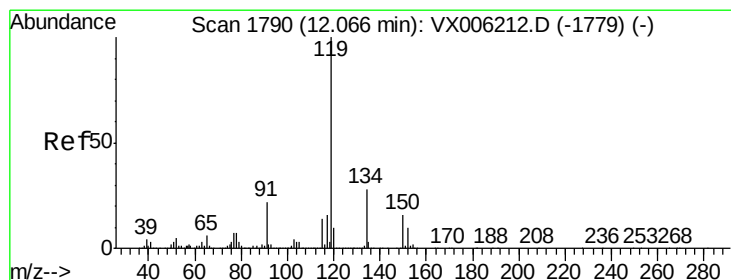
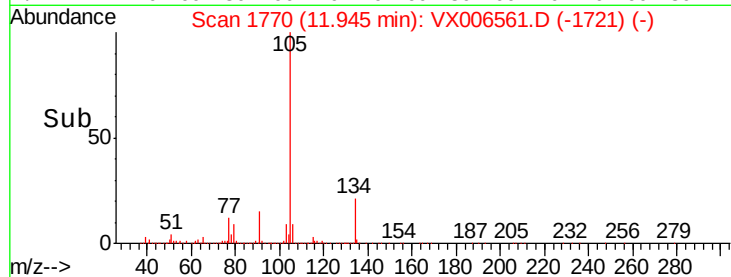
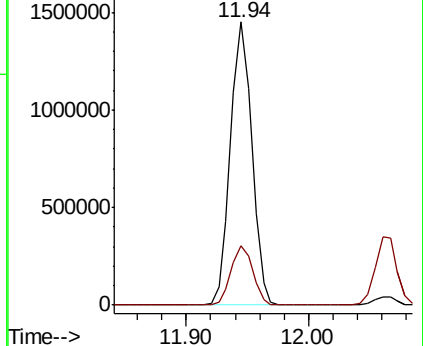
105 100

134 21.4 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: 54.724 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

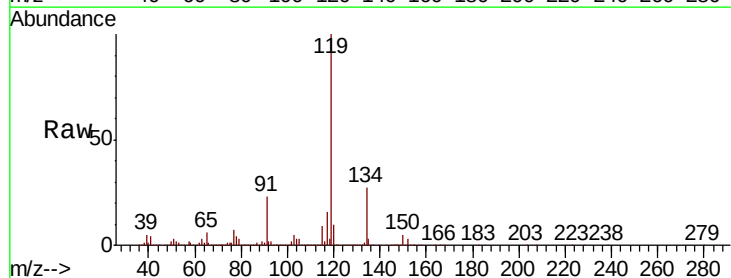
Tgt Ion:119 Resp: 1579818

Ion Ratio Lower Upper

119 100

134 27.5 13.9 41.6

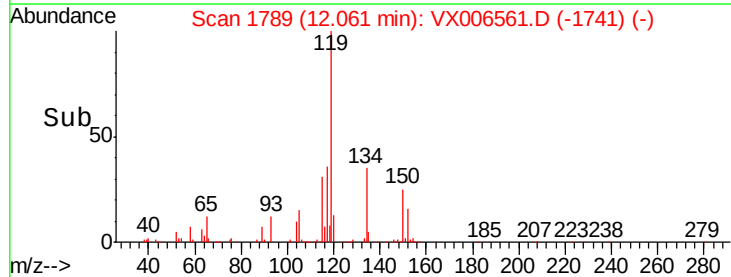
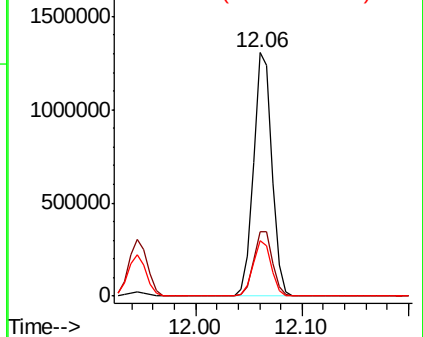
91 22.8 11.3 33.8

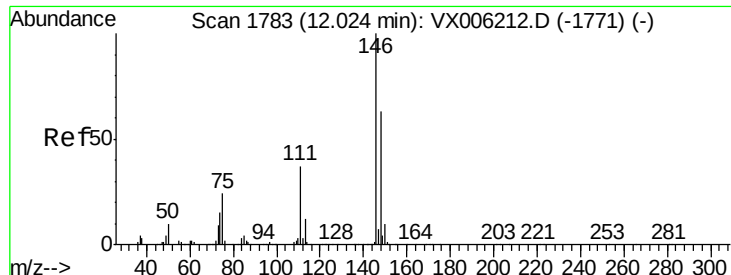


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 52.451 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

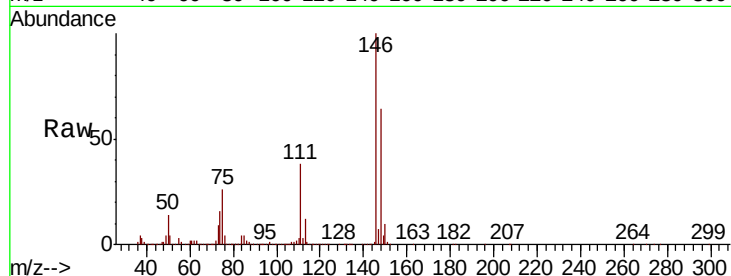
Tot Ion:146 Resp: 822191

Ion Ratio Lower Upper

146 100

111 38.5 18.4 55.2

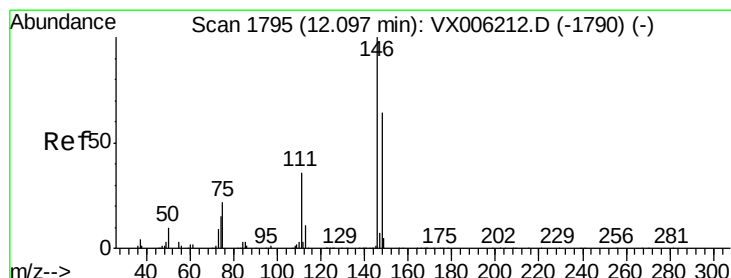
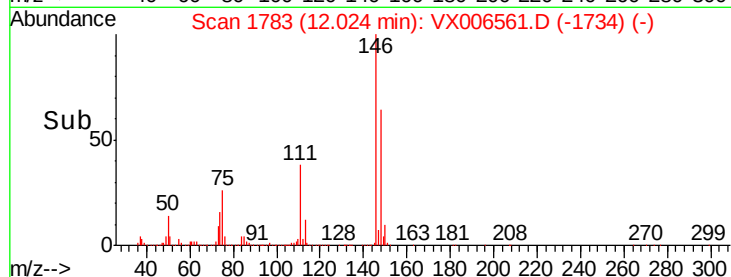
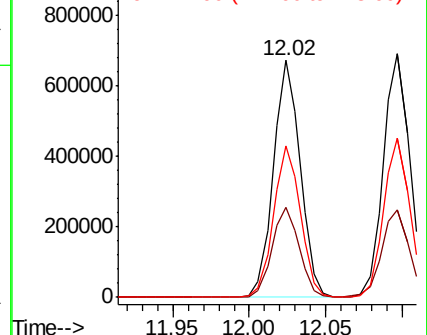
148 64.2 32.0 96.0



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: 52.052 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

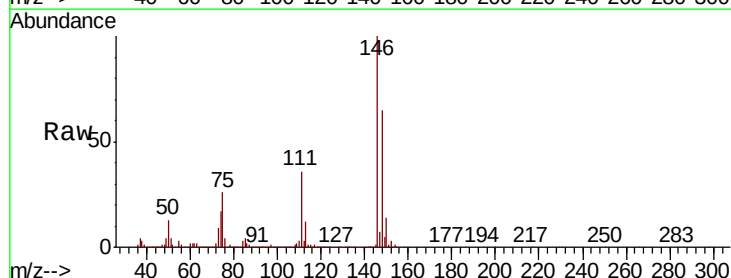
Tgt Ion:146 Resp: 828162

Ion Ratio Lower Upper

146 100

111 37.1 18.3 54.8

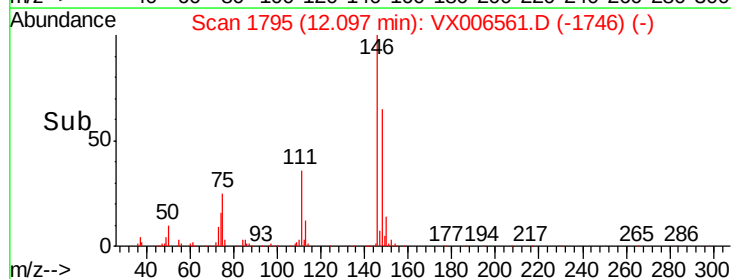
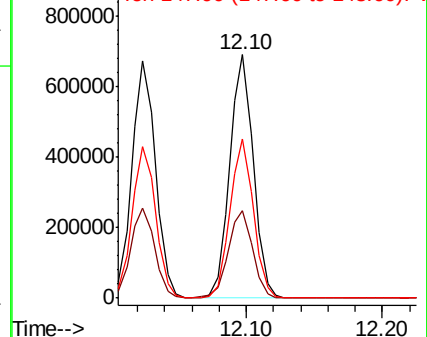
148 64.6 31.9 95.9

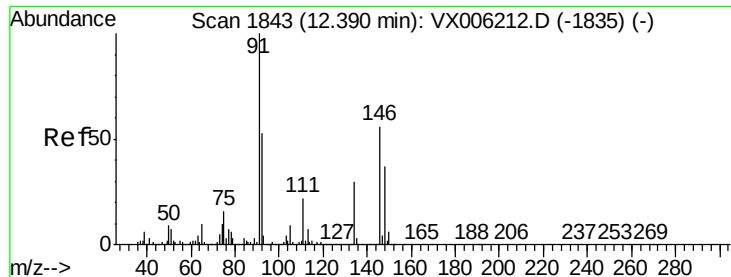


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 56.010 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

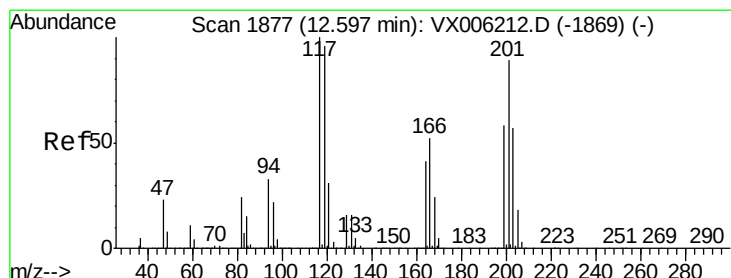
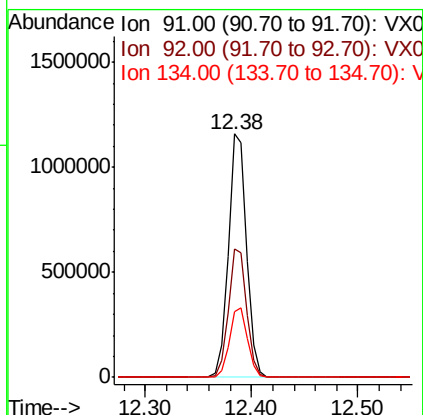
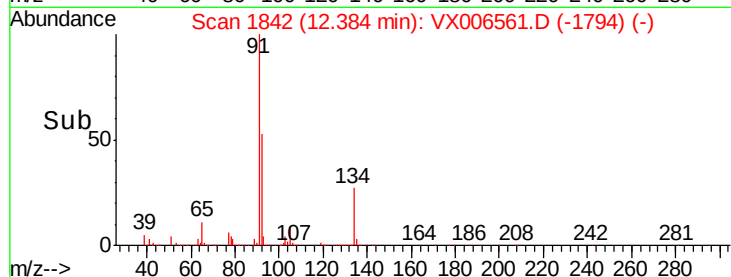
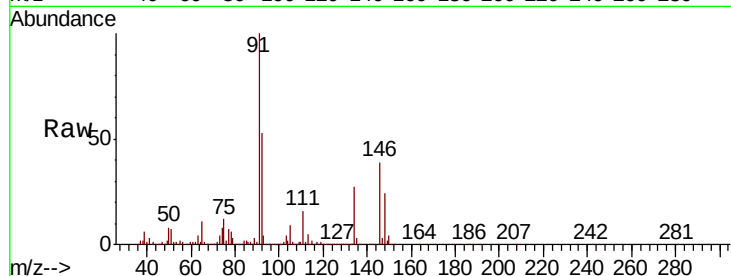
Tot Ion: 91 Resp: 1379642

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.8

134 28.5 14.8 44.3



#90

Hexachloroethane

Concen: 43.505 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006561.D

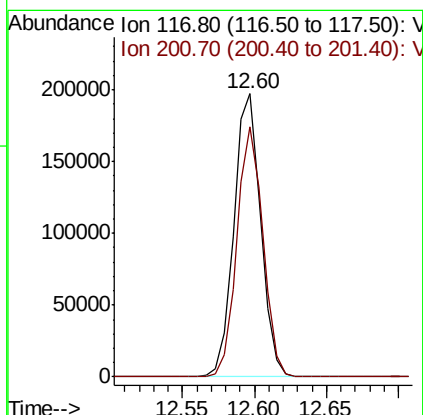
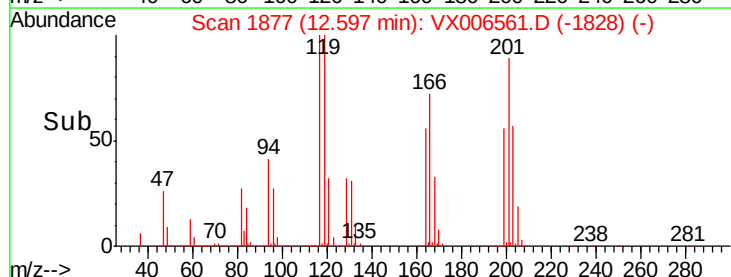
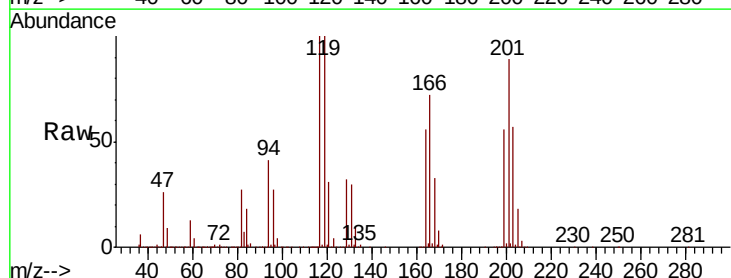
Acq: 17 Dec 2018 09:36

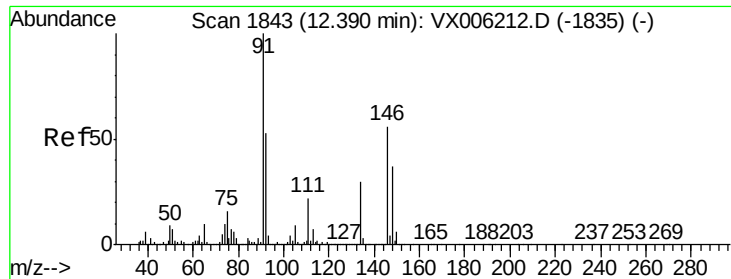
Tgt Ion: 117 Resp: 255971

Ion Ratio Lower Upper

117 100

201 85.6 44.7 134.1

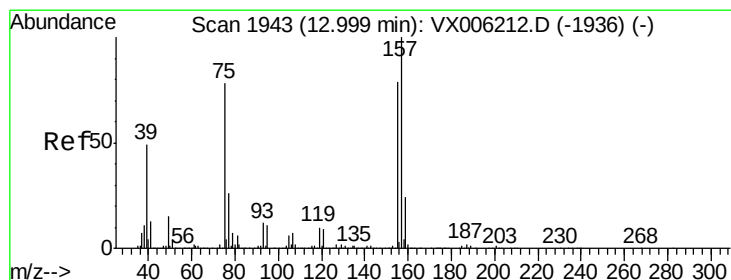
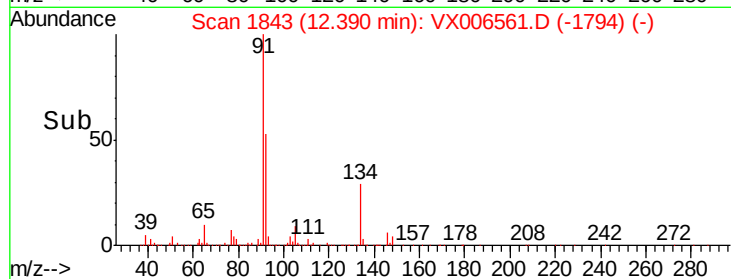
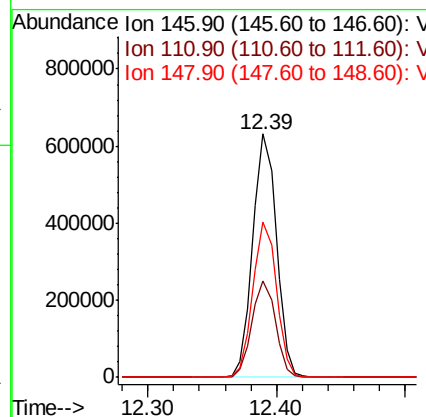
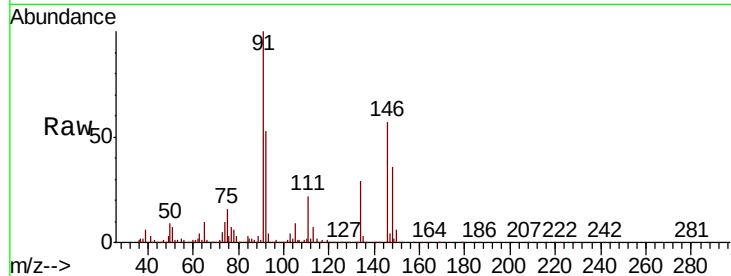




#91
 1,2-Dichlorobenzene
 Concen: 51.307 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006561.D
 Acq: 17 Dec 2018 09:36

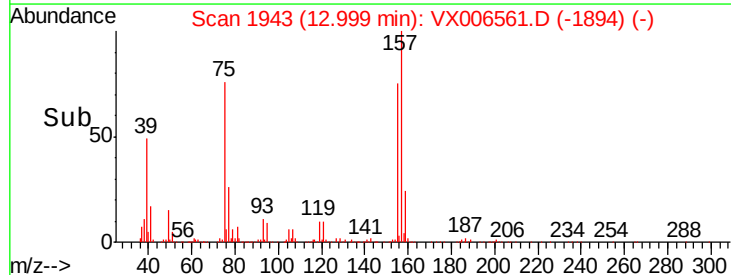
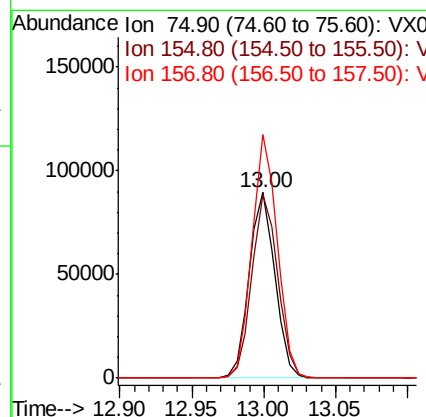
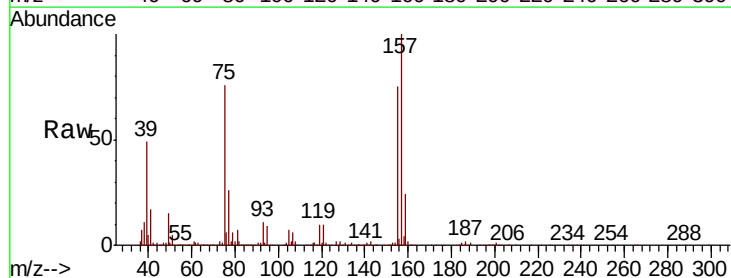
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

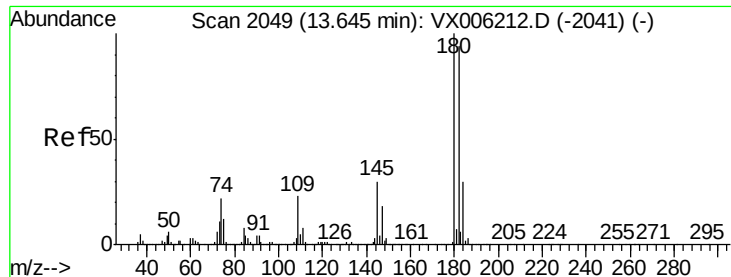
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.1	57.3
148	64.0	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.409 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006561.D
 Acq: 17 Dec 2018 09:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.9	53.4	160.3
157	128.1	68.0	203.8

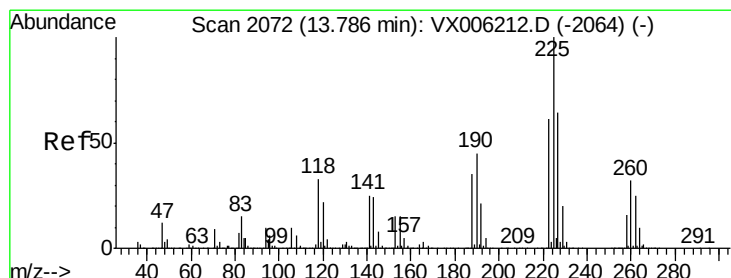
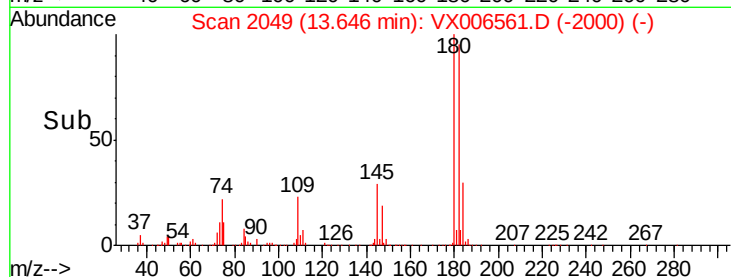
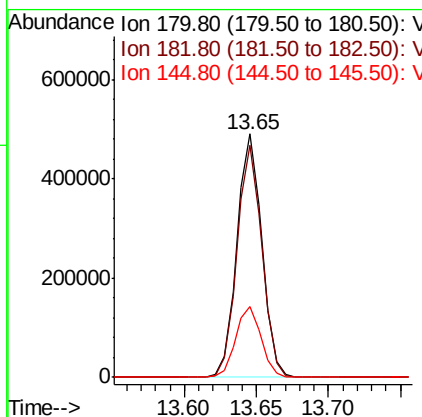
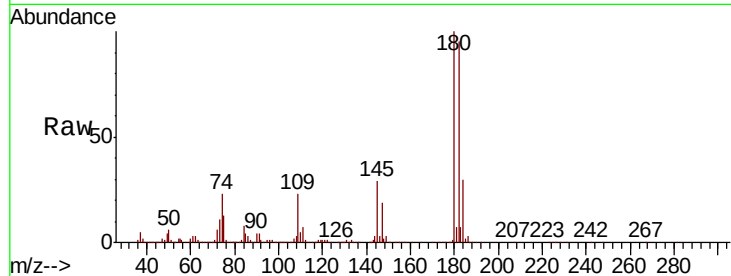




#93
 1,2,4-Trichlorobenzene
 Concen: 52.204 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006561.D
 Acq: 17 Dec 2018 09:36

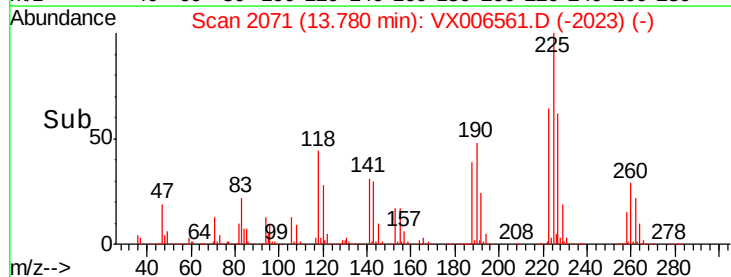
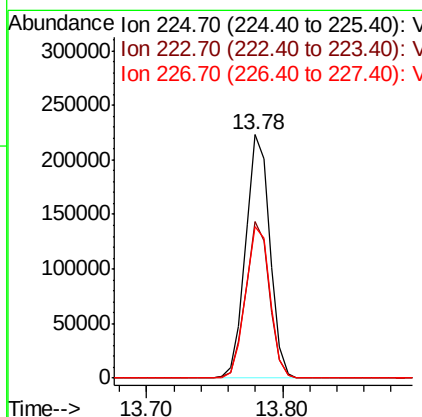
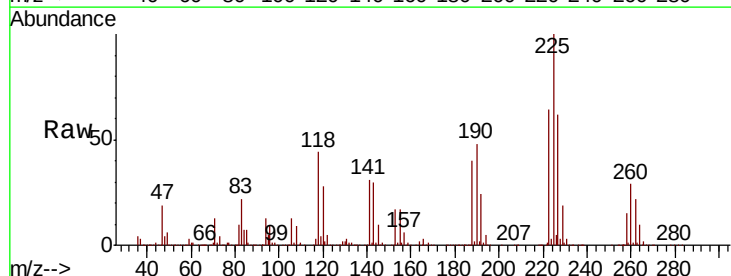
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

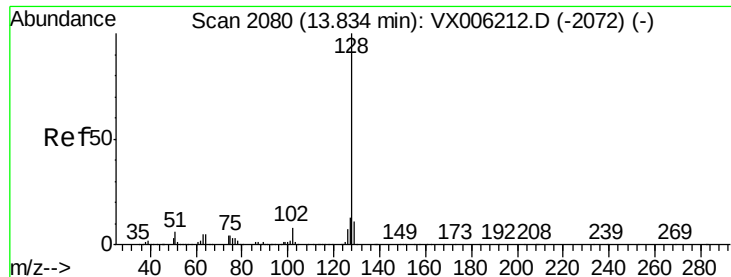
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.3	141.9
145	29.5	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 55.323 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006561.D
 Acq: 17 Dec 2018 09:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.2	93.6
227	63.0	31.9	95.5





#95

Naphthalene

Concen: 50.434 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Instrument :

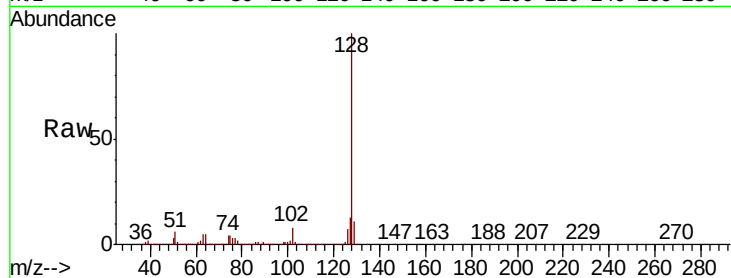
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1780634

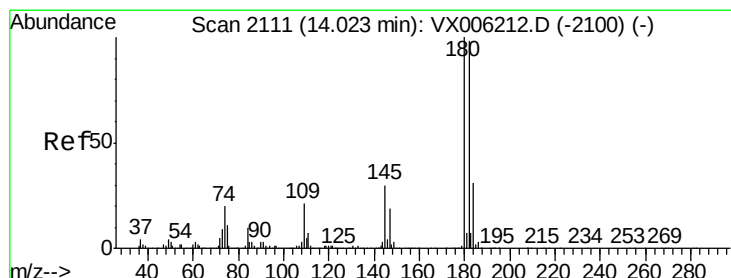
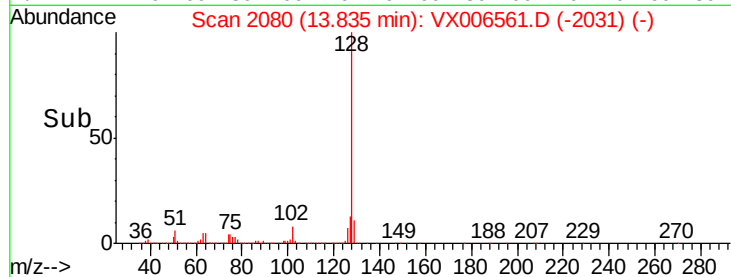
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.8	8.9	13.3



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: 51.733 ug/l

RT: 14.02 min Scan# 2110

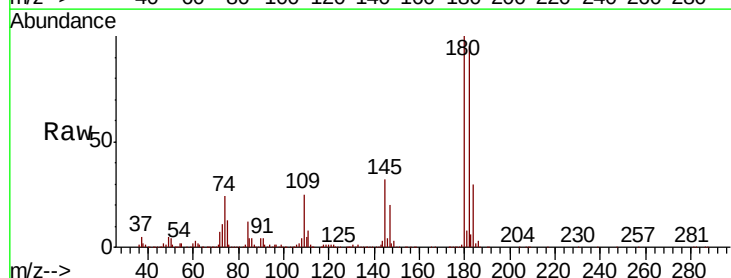
Delta R.T. -0.01 min

Lab File: VX006561.D

Acq: 17 Dec 2018 09:36

Tgt Ion:180 Resp: 581578

Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.4	145.2
145	31.4	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

