

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050319\
 Data File : VX009336.D
 Acq On : 04 May 2019 01:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 04 02:14:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	167696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	277635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123695	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	115720	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
35) Dibromofluoromethane	5.49	113	85766	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
50) Toluene-d8	8.71	98	347893	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.13	95	126625	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	71792	46.457	ug/l	99
3) Chloromethane	1.32	50	96886	45.922	ug/l	100
4) Vinyl Chloride	1.41	62	98175	47.720	ug/l	99
5) Bromomethane	1.64	94	62778	50.840	ug/l	97
6) Chloroethane	1.71	64	63991	48.446	ug/l	98
7) Trichlorofluoromethane	1.92	101	123152	49.246	ug/l	98
8) Diethyl Ether	2.19	74	57834	48.823	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76134	48.480	ug/l	99
10) Methyl Iodide	2.51	142	80145	44.482	ug/l	100
11) Tert butyl alcohol	3.05	59	127039	239.739	ug/l	99
12) 1,1-Dichloroethene	2.37	96	76452	48.588	ug/l	99
13) Acrolein	2.29	56	109872	228.948	ug/l	99
14) Allyl chloride	2.73	41	180990	47.200	ug/l	100
15) Acrylonitrile	3.14	53	324206	250.225	ug/l	100
16) Acetone	2.45	43	274455	223.273	ug/l	98
17) Carbon Disulfide	2.57	76	199112	45.072	ug/l	99
18) Methyl Acetate	2.78	43	147184	50.347	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	305266	49.960	ug/l	99
20) Methylene Chloride	2.85	84	93382	46.918	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	81675	47.863	ug/l	97
22) Diisopropyl ether	3.85	45	369830	50.151	ug/l	98
23) Vinyl Acetate	3.81	43	1619206	256.418	ug/l	100
24) 1,1-Dichloroethane	3.70	63	177626	48.827	ug/l	99
25) 2-Butanone	4.67	43	473243	247.746	ug/l	100
26) 2,2-Dichloropropane	4.59	77	106173	39.210	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	98603	48.410	ug/l	98
28) Bromochloromethane	5.01	49	75118	51.371	ug/l	100
29) Tetrahydrofuran	5.13	42	312325	254.087	ug/l	99
30) Chloroform	5.21	83	164407	49.969	ug/l	98
31) Cyclohexane	5.58	56	162357	47.970	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	135311	49.403	ug/l	99
36) 1,1-Dichloropropene	5.80	75	121853	47.228	ug/l	99
37) Ethyl Acetate	4.83	43	178744	49.722	ug/l	99
38) Carbon Tetrachloride	5.78	117	112214	47.869	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	143521	45.295	ug/l	99
40) Benzene	6.14	78	380793	47.689	ug/l	100
41) Methacrylonitrile	5.04	41	103636	48.430	ug/l	99
42) 1,2-Dichloroethane	6.19	62	138472	48.344	ug/l	100
43) Isopropyl Acetate	6.45	43	285893	49.719	ug/l	100
44) Trichloroethene	7.21	130	89430	46.328	ug/l	98
45) 1,2-Dichloropropane	7.51	63	108638	48.048	ug/l	100
46) Dibromomethane	7.66	93	61799	47.067	ug/l	98
47) Bromodichloromethane	7.90	83	127478	48.673	ug/l	100
48) Methyl methacrylate	7.77	41	143419	50.273	ug/l	99
49) 1,4-Dioxane	7.74	88	50116	866.248	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	937679	249.488	ug/l	100
52) Toluene	8.79	92	229992	47.383	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	142602	48.226	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	156334	47.766	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	95412	48.182	ug/l	97
56) Ethyl methacrylate	9.18	69	176632	49.969	ug/l	99
57) 1,3-Dichloropropane	9.37	76	167056	47.940	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	466261	248.644	ug/l	100
59) 2-Hexanone	9.49	43	737189	249.741	ug/l	100
60) Dibromochloromethane	9.58	129	95657	49.459	ug/l	98
61) 1,2-Dibromoethane	9.67	107	97121	48.587	ug/l	99
64) Tetrachloroethene	9.34	164	83024	48.208	ug/l	98
65) Chlorobenzene	10.14	112	239955	47.776	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	88191	48.434	ug/l	99
67) Ethyl Benzene	10.25	91	443758	48.009	ug/l	100
68) m/p-Xylenes	10.36	106	325079	96.241	ug/l	99
69) o-Xylene	10.69	106	159755	47.936	ug/l	100
70) Styrene	10.71	104	282924	48.844	ug/l	99
71) Bromoform	10.85	173	72976	49.318	ug/l #	100
73) Isopropylbenzene	11.02	105	428324	47.618	ug/l	99
74) N-amyl acetate	10.90	43	265140	50.559	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	162815	48.555	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	187111	65.212	ug/l	82
77) Bromobenzene	11.26	156	106640	47.765	ug/l	99
78) n-propylbenzene	11.36	91	488398	47.543	ug/l	100
79) 2-Chlorotoluene	11.42	91	294273	46.432	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	362842	47.908	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	51120	45.586	ug/l	99
82) 4-Chlorotoluene	11.51	91	337847	47.186	ug/l	99
83) tert-Butylbenzene	11.77	119	351772	47.745	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	366859	48.257	ug/l	99
85) sec-Butylbenzene	11.94	105	411430	47.101	ug/l	100
86) p-Isopropyltoluene	12.06	119	375876	47.866	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	188672	47.405	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	189090	47.125	ug/l	99
89) n-Butylbenzene	12.38	91	336943	47.473	ug/l	100
90) Hexachloroethane	12.60	117	64361	48.108	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	193555	47.747	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36910	49.068	ug/l	100

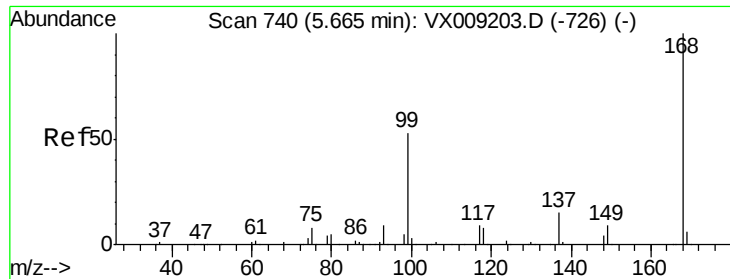
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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137843	49.725	ug/l	98
94) Hexachlorobutadiene	13.78	225	65996	46.620	ug/l	100
95) Naphthalene	13.83	128	453910	50.329	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	137159	48.811	ug/l	100

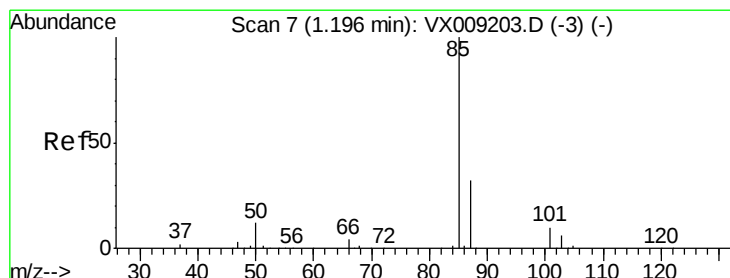
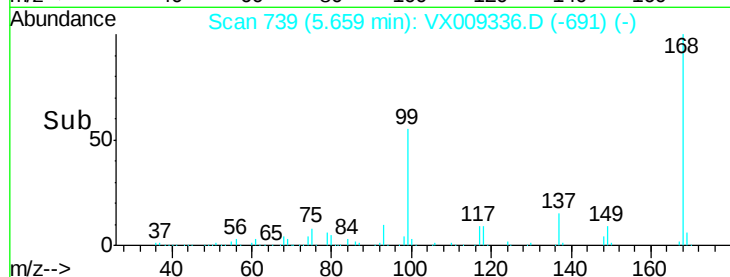
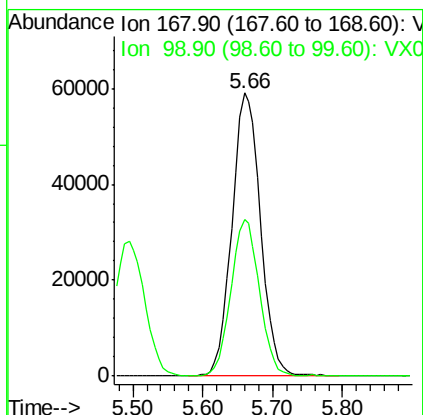
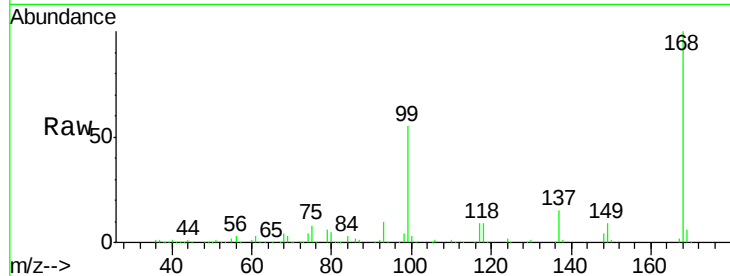
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

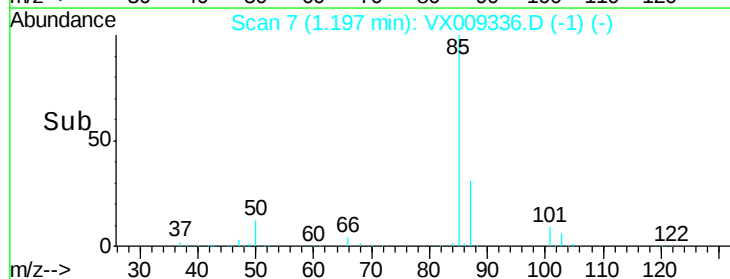
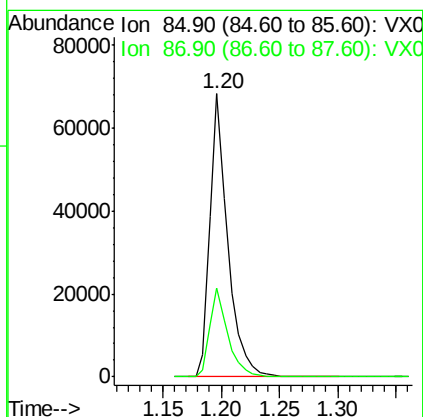
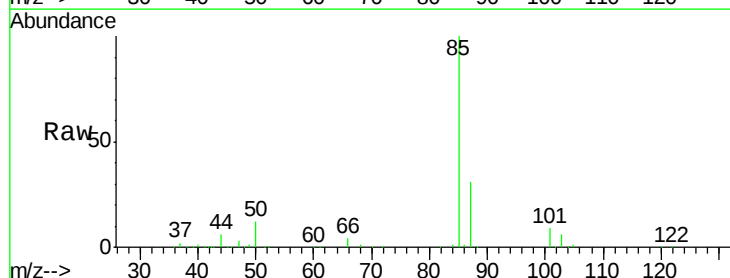
Instrument :
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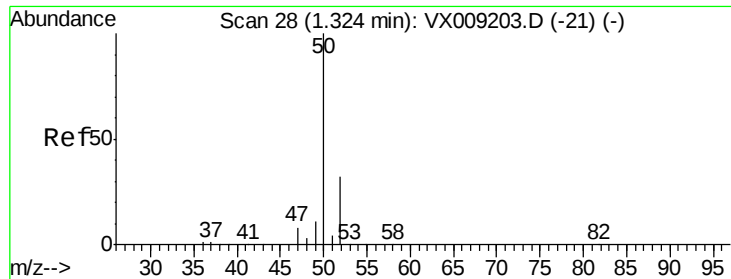
Tot Ion:168 Resp: 167696
Ion Ratio Lower Upper
168 100
99 55.3 42.3 63.5



#2
Dichlorodifluoromethane
Concen: 46.457 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Tgt Ion: 85 Resp: 71792
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.3





#3

Chloromethane

Concen: 45.922 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

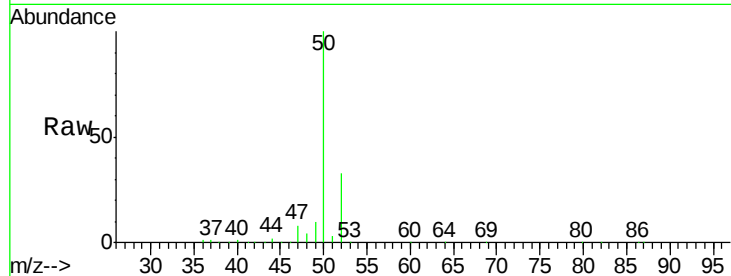
VSTDCCC050EC

Tot Ion: 50 Resp: 96886

Ion Ratio Lower Upper

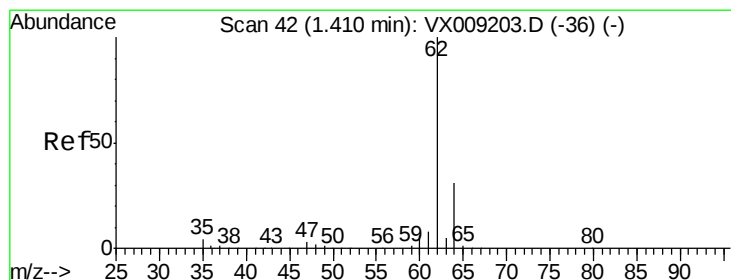
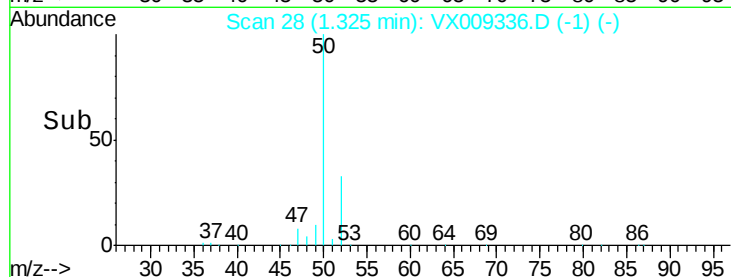
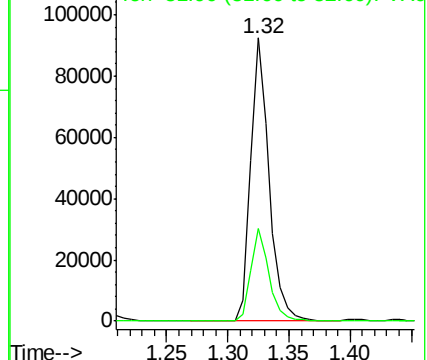
50 100

52 32.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.720 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009336.D

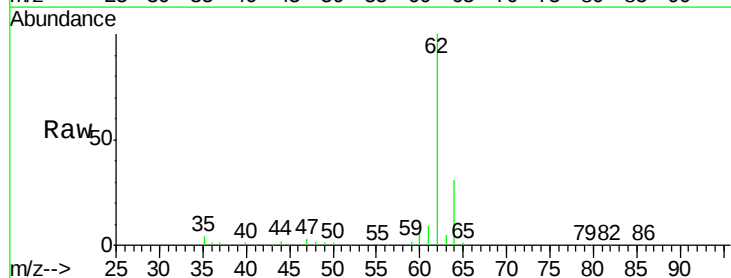
Acq: 04 May 2019 01:36

Tgt Ion: 62 Resp: 98175

Ion Ratio Lower Upper

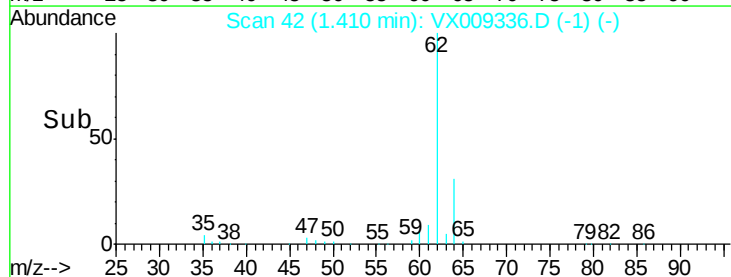
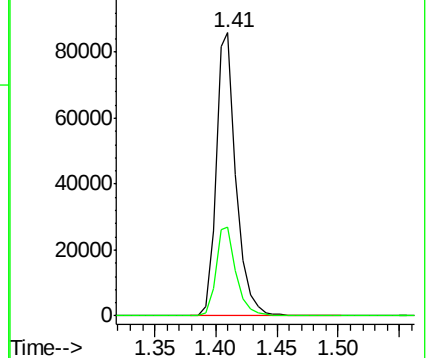
62 100

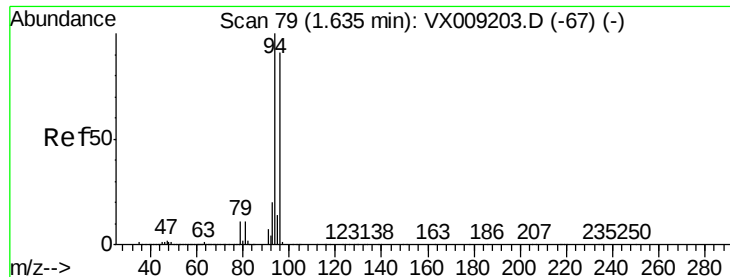
64 31.3 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.840 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

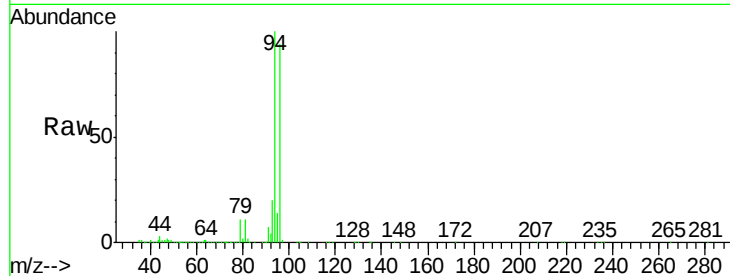
VSTDCCC050EC

Tot Ion: 94 Resp: 62778

Ion Ratio Lower Upper

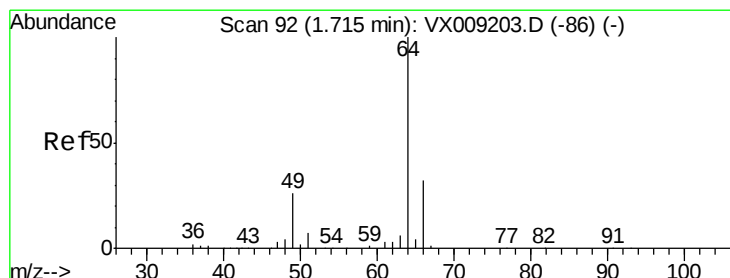
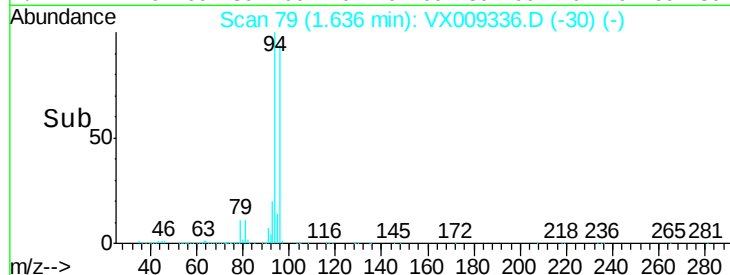
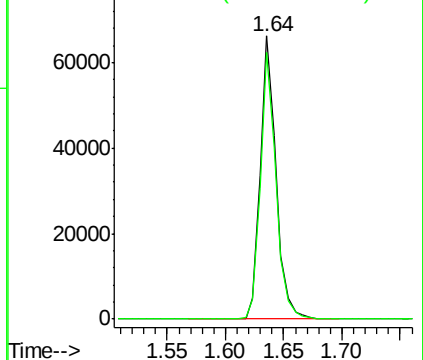
94 100

96 94.1 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.446 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009336.D

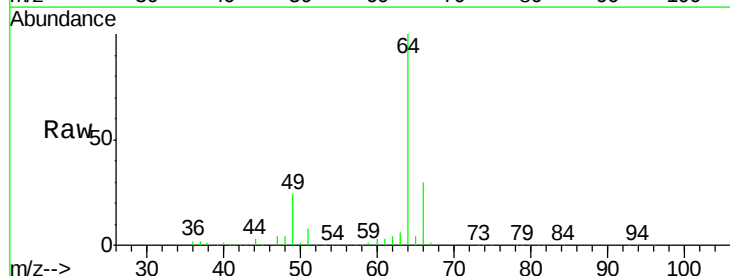
Acq: 04 May 2019 01:36

Tgt Ion: 64 Resp: 63991

Ion Ratio Lower Upper

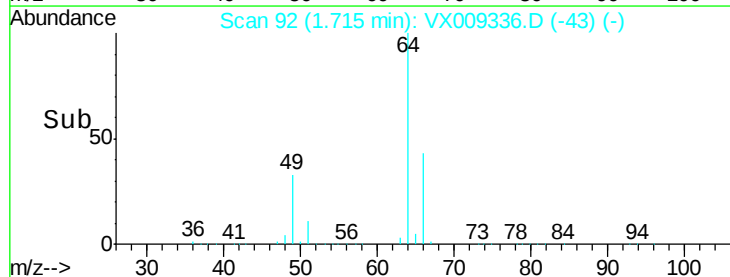
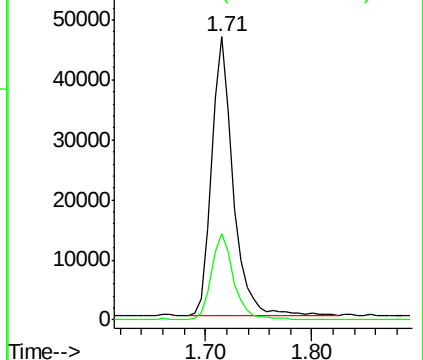
64 100

66 30.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



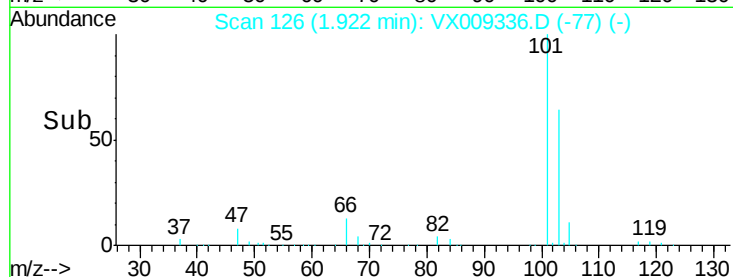
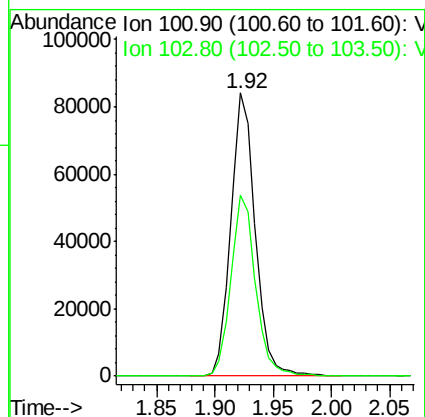
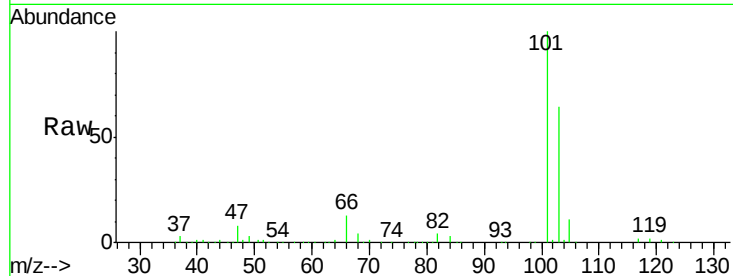


#7

Trichlorofluoromethane
Concen: 49.246 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Instrument :
MSVOA_X
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VSTDCCC050EC

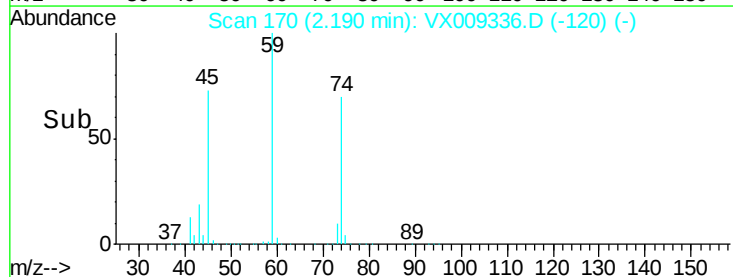
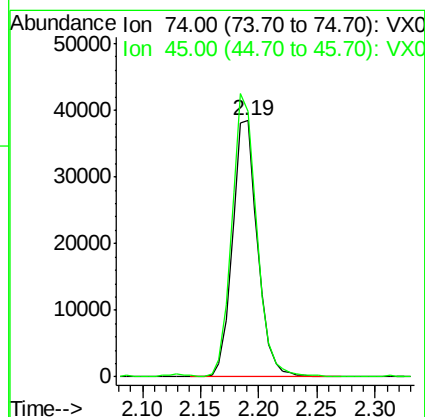
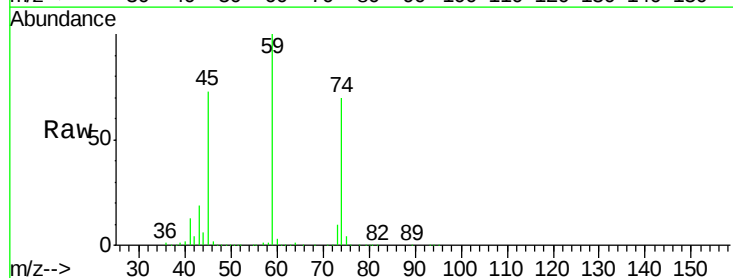
Tot Ion:101 Resp: 123152
Ion Ratio Lower Upper
101 100
103 63.9 52.4 78.6

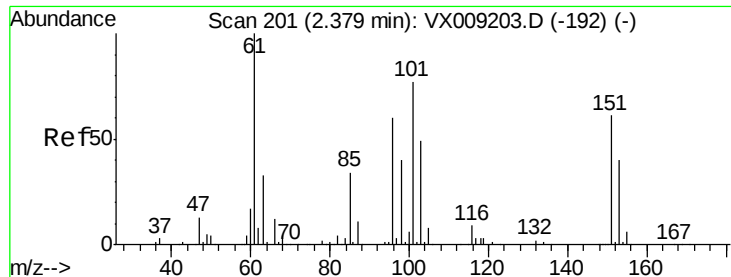


#8

Diethyl Ether
Concen: 48.823 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Tgt Ion: 74 Resp: 57834
Ion Ratio Lower Upper
74 100
45 108.7 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.480 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

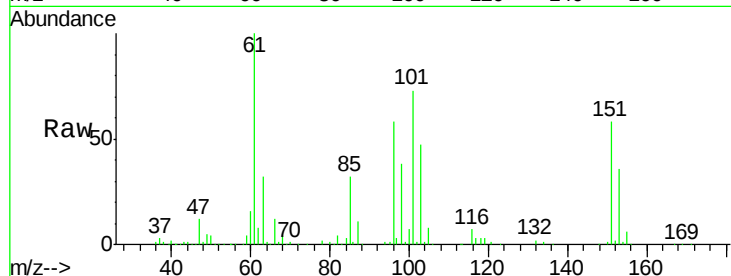
Tot Ion:101 Resp: 76134

Ion Ratio Lower Upper

101 100

85 43.5 35.7 53.5

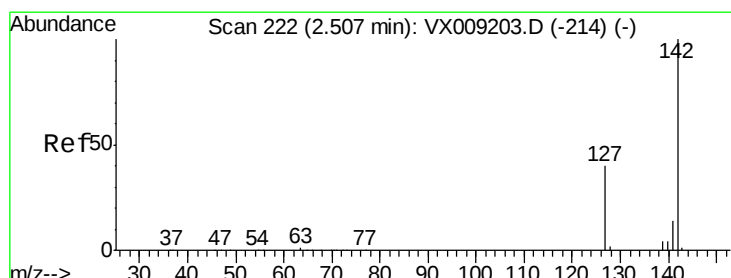
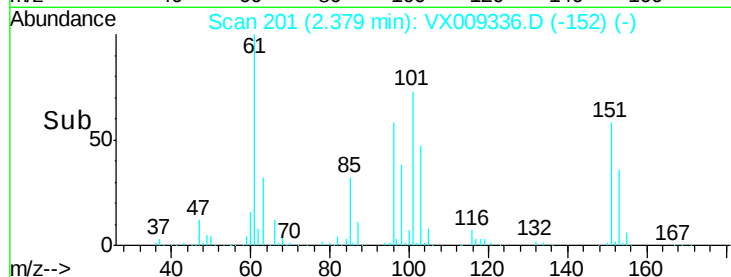
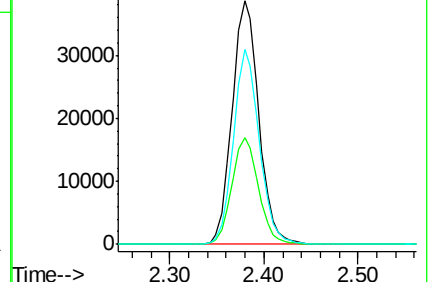
151 77.7 62.2 93.2



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: 44.482 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

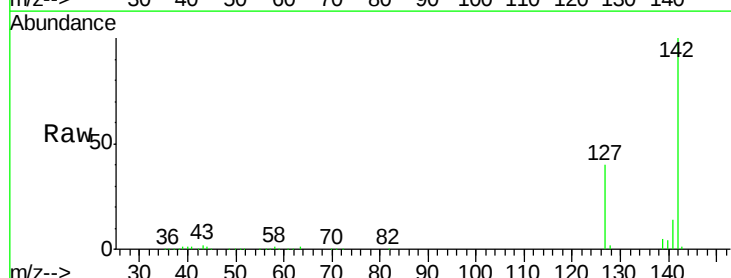
Tgt Ion:142 Resp: 80145

Ion Ratio Lower Upper

142 100

127 41.1 32.7 49.1

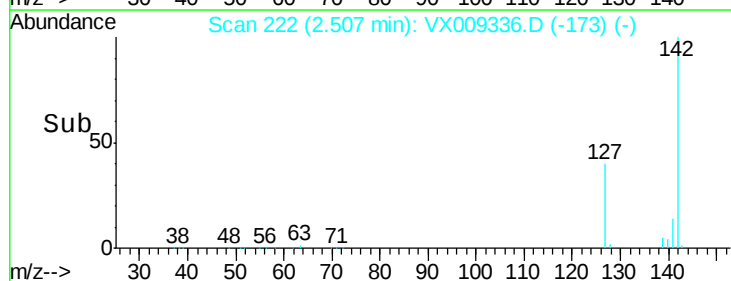
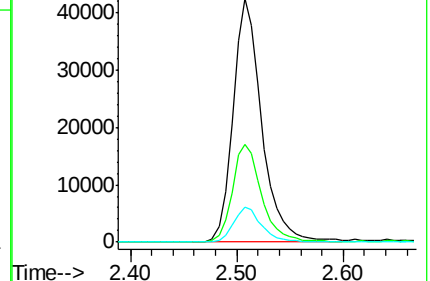
141 14.2 11.5 17.3

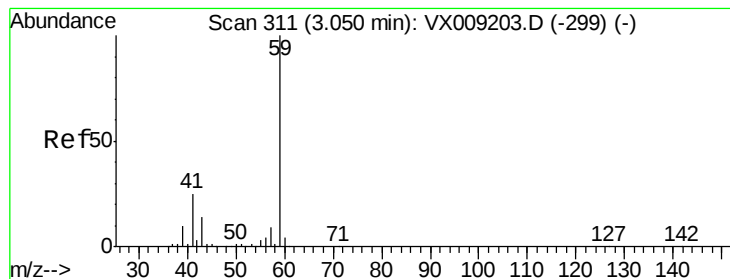


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



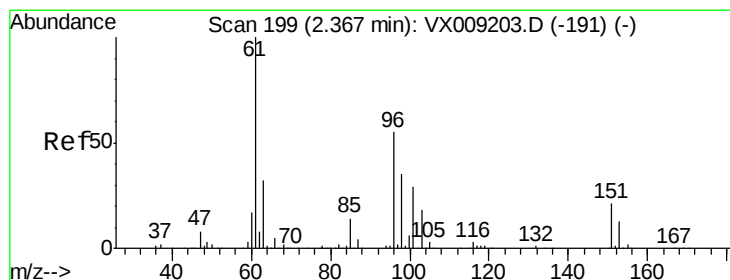
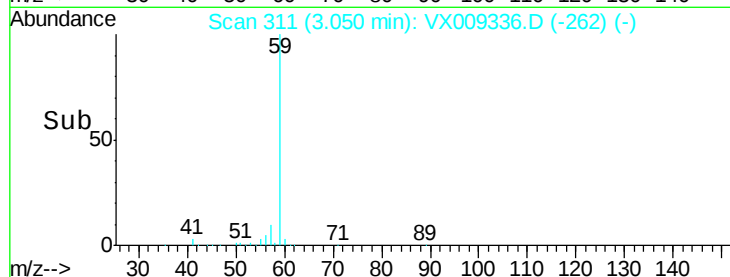
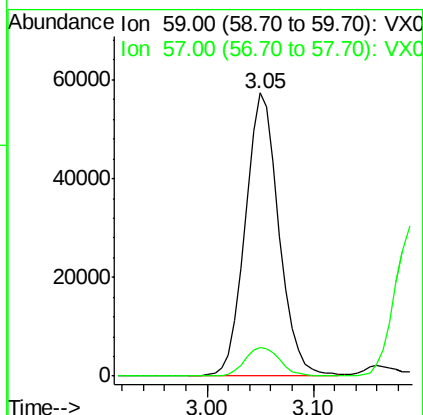
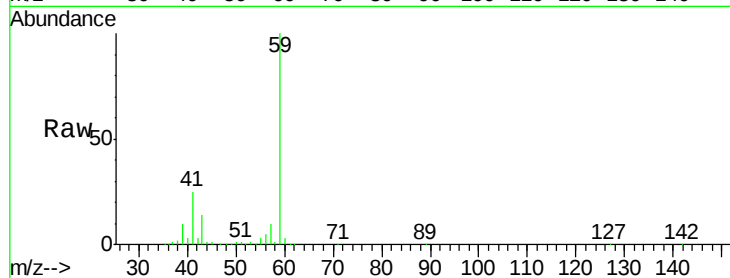


#11

Tert butyl alcohol
 Concen: 239.739 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.00 min
 Lab File: VX009336.D
 Acq: 04 May 2019 01:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

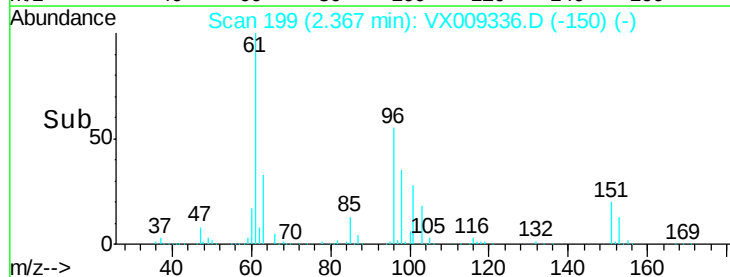
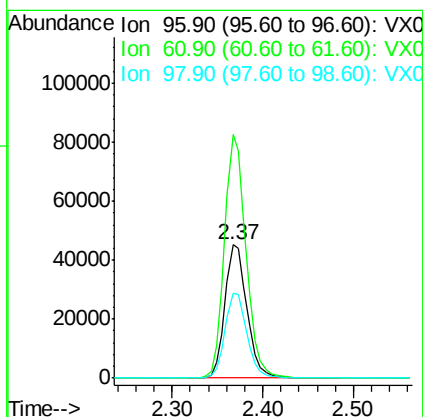
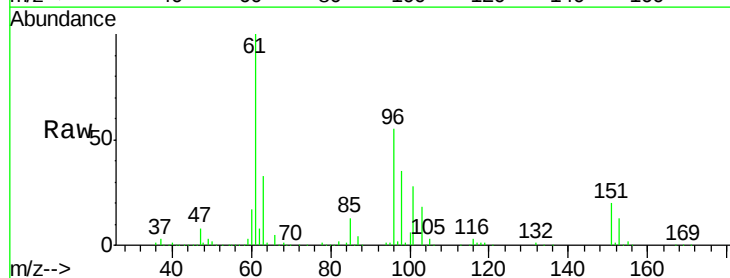
Tot Ion: 59 Resp: 127039
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.2

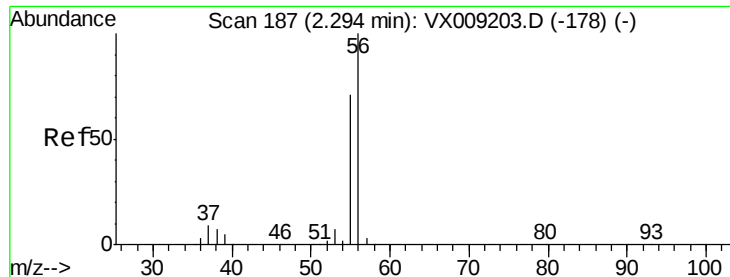


#12

1,1-Dichloroethene
 Concen: 48.588 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX009336.D
 Acq: 04 May 2019 01:36

Tgt Ion: 96 Resp: 76452
 Ion Ratio Lower Upper
 96 100
 61 182.6 144.3 216.5
 98 63.4 50.3 75.5





#13

Acrolein

Concen: 228.948 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

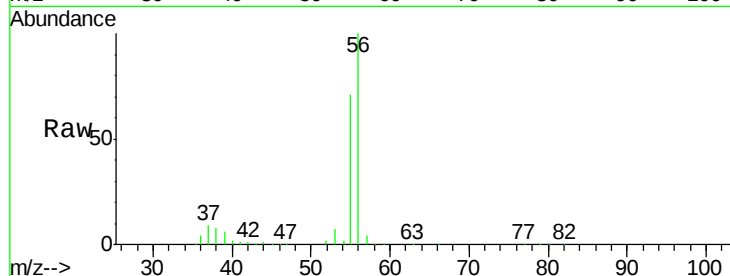
VSTDCCC050EC

Tot Ion: 56 Resp: 109872

Ion Ratio Lower Upper

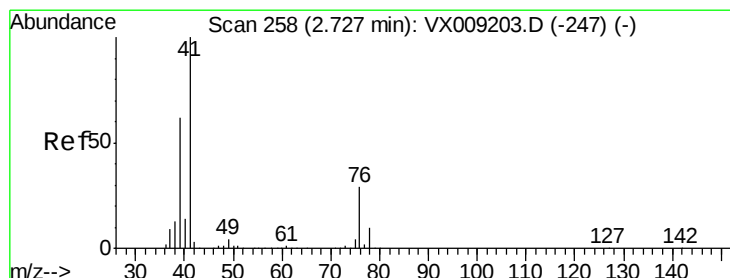
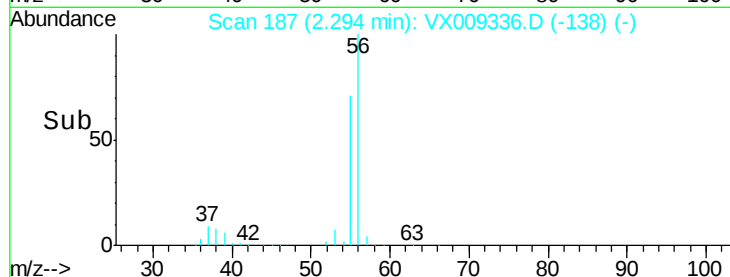
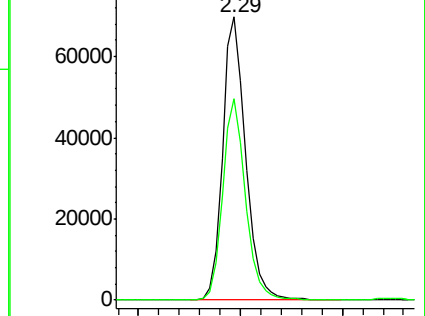
56 100

55 69.6 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.200 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

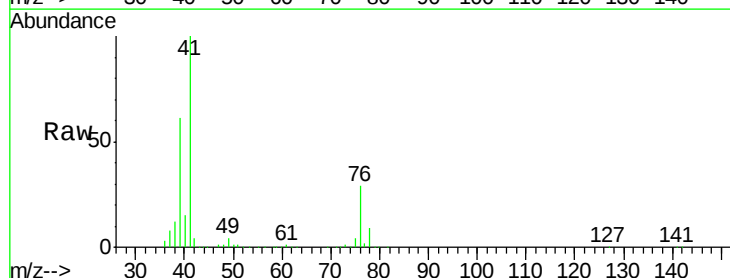
Tgt Ion: 41 Resp: 180990

Ion Ratio Lower Upper

41 100

39 58.2 46.7 70.1

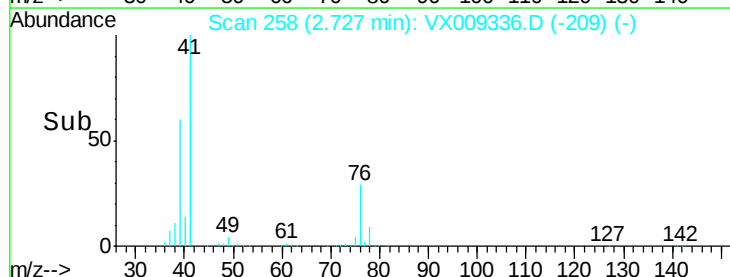
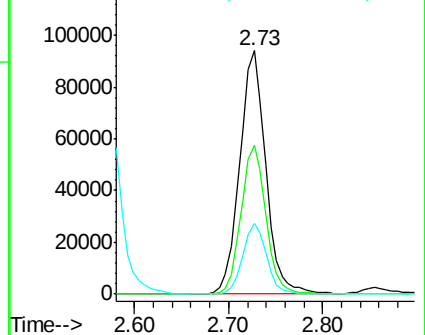
76 27.0 21.8 32.8

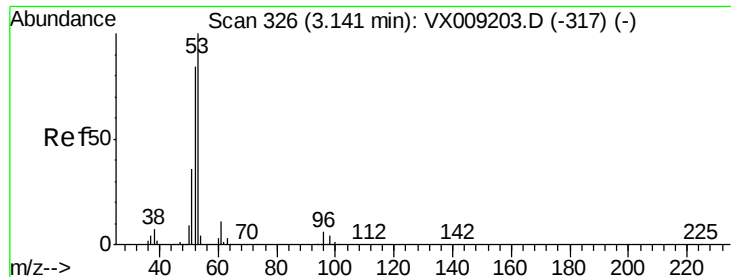


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 250.225 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

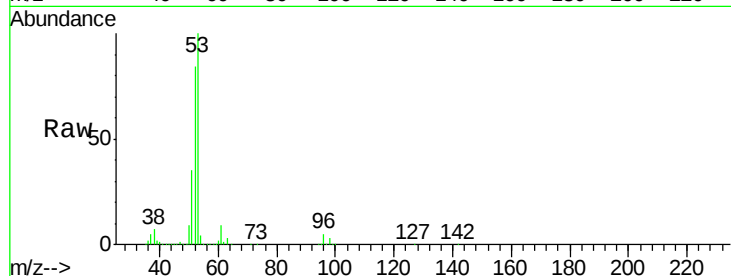
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 324206

Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.9	100.3
51	35.5	28.2	42.2

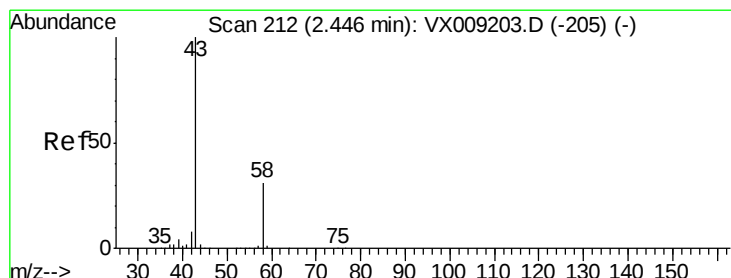
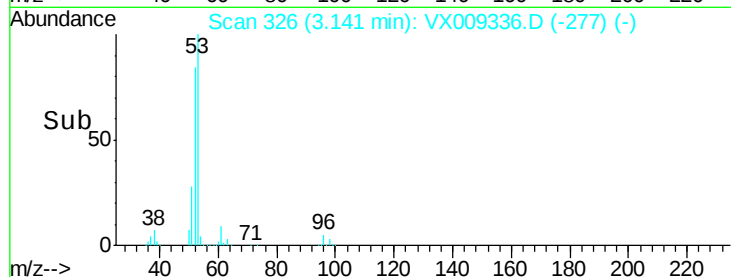


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 223.273 ug/l

RT: 2.45 min Scan# 212

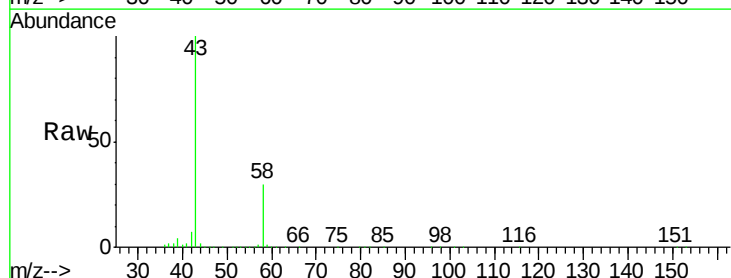
Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Tgt Ion: 43 Resp: 274455

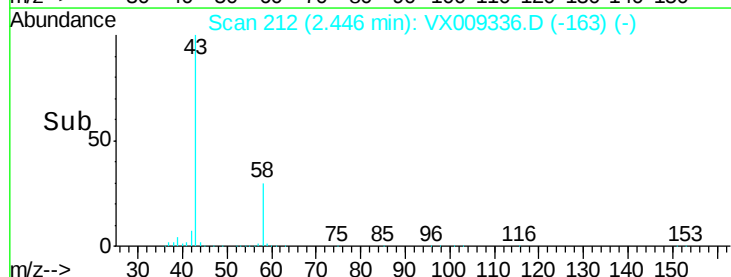
Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.9	37.3

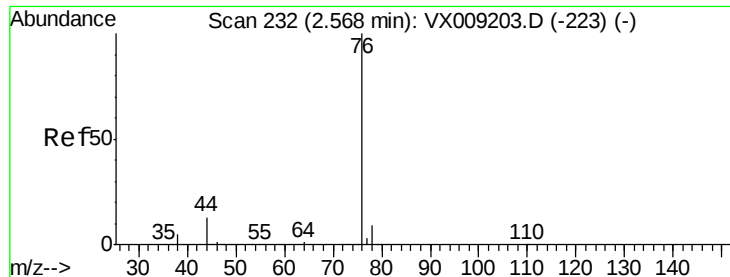


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

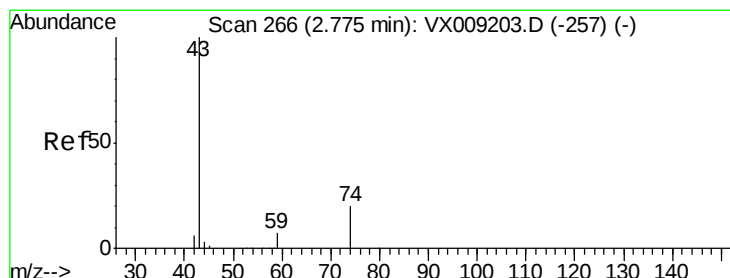
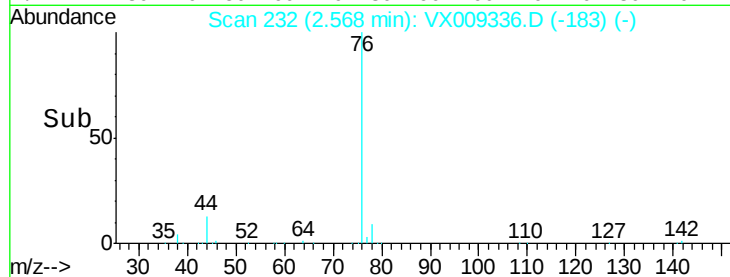
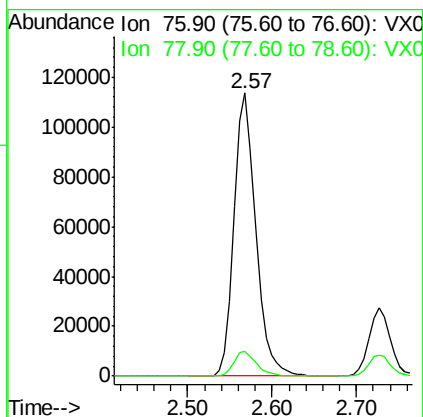
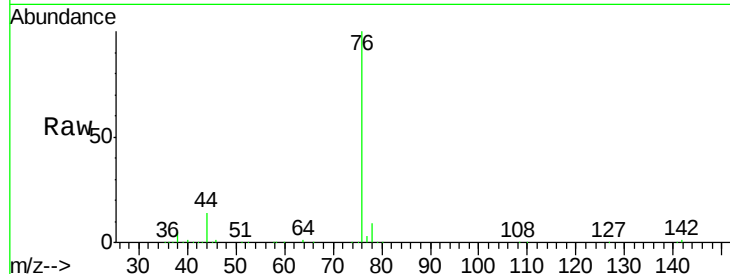




#17
Carbon Disulfide
Concen: 45.072 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

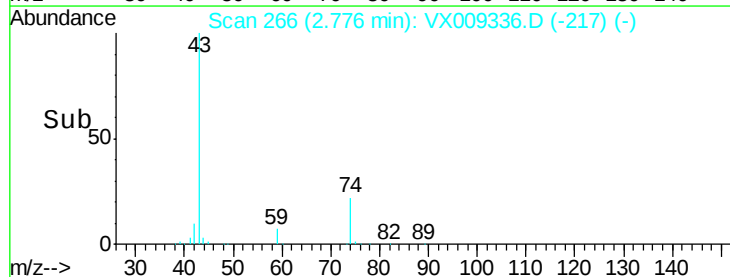
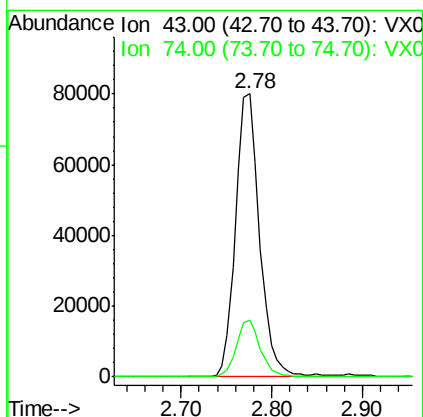
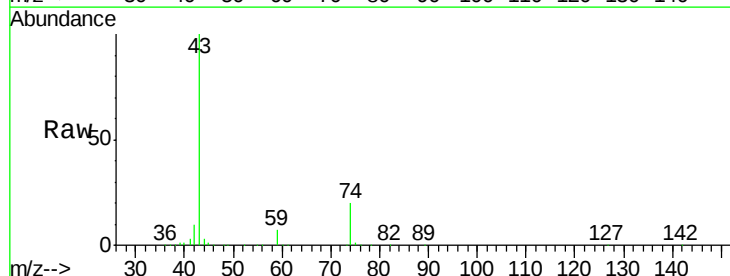
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

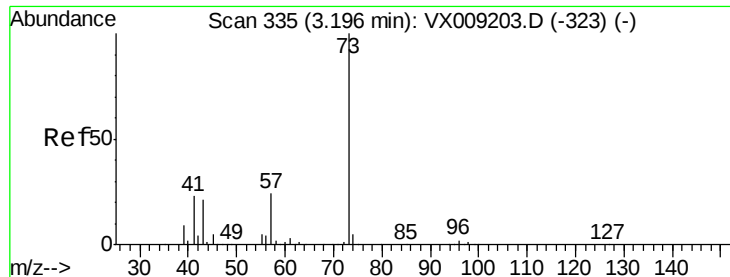
Tot Ion: 76 Resp: 199112
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 50.347 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Tgt Ion: 43 Resp: 147184
Ion Ratio Lower Upper
43 100
74 20.4 16.2 24.4

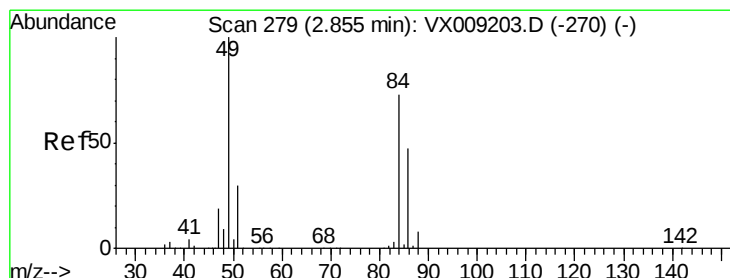
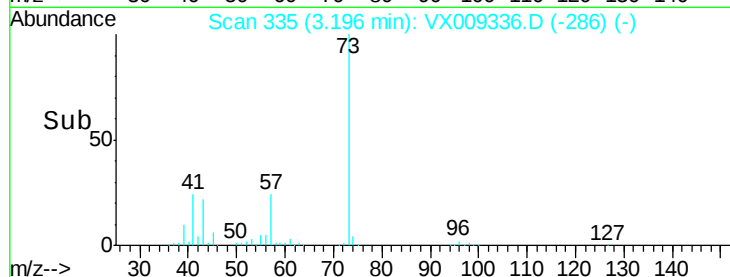
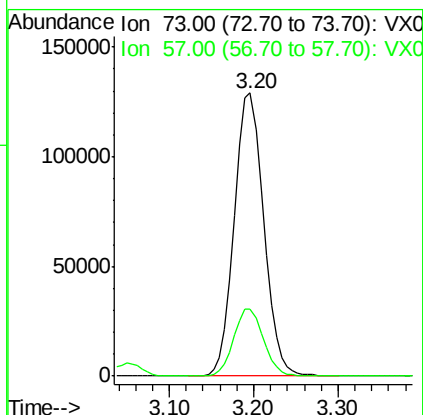
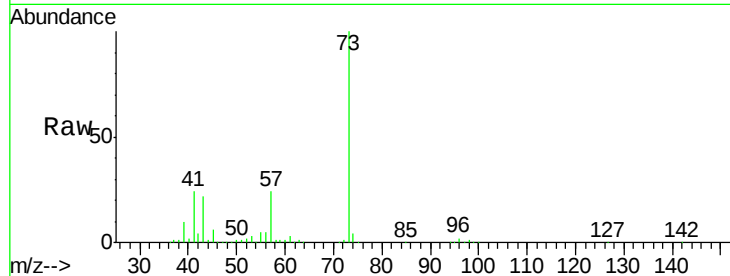




#19
Methyl tert-butyl Ether
Concen: 49.960 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

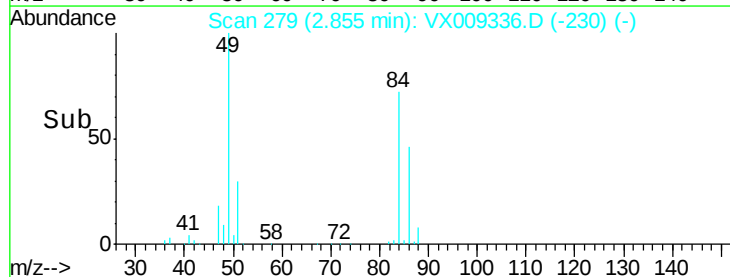
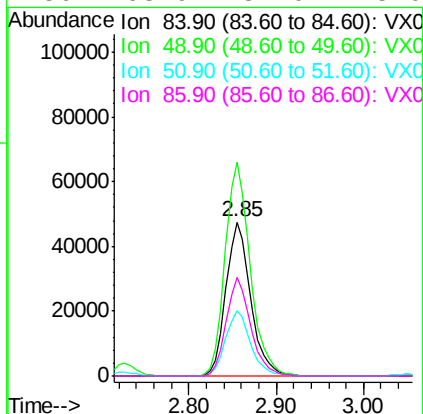
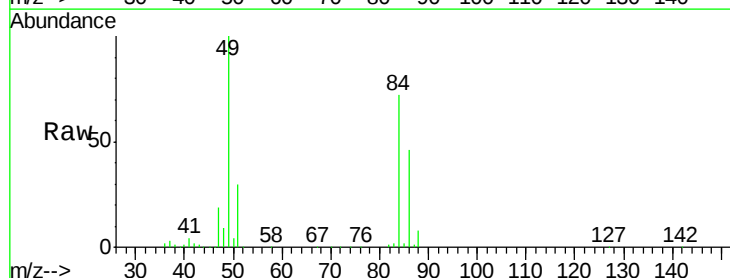
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

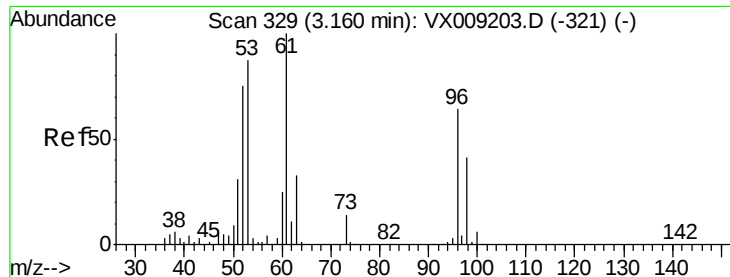
Tot Ion: 73 Resp: 305266
Ion Ratio Lower Upper
73 100
57 23.6 19.3 28.9



#20
Methylene Chloride
Concen: 46.918 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Tgt Ion: 84 Resp: 93382
Ion Ratio Lower Upper
84 100
49 139.0 109.9 164.9
51 42.2 32.7 49.1
86 63.9 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 47.863 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

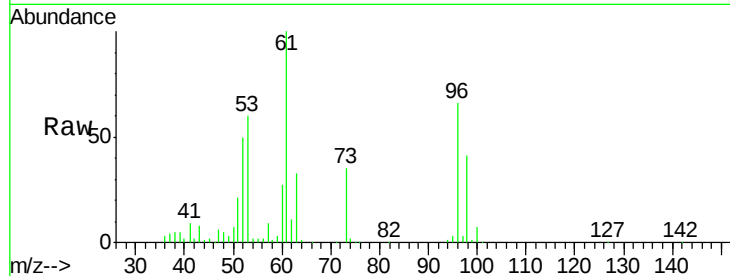
Tot Ion: 96 Resp: 81675

Ion Ratio Lower Upper

96 100

61 151.4 124.5 186.7

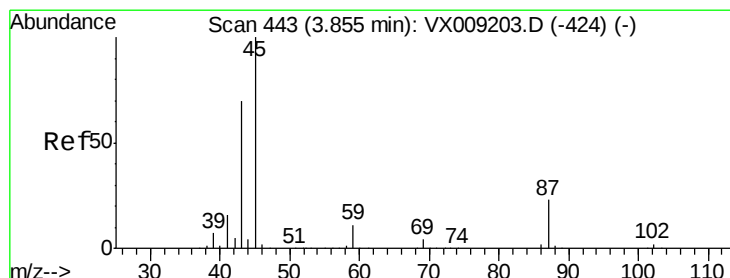
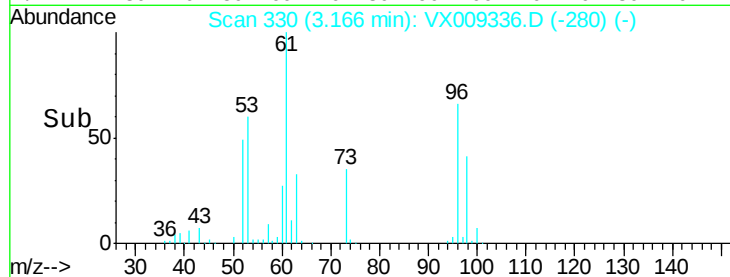
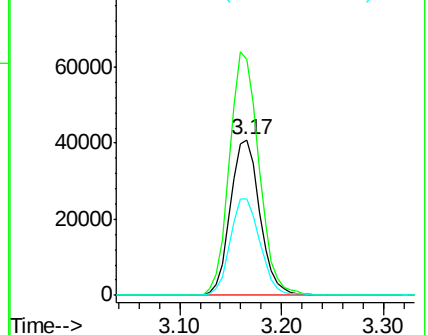
98 62.0 50.4 75.6



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



#22

Diisopropyl ether

Concen: 50.151 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Tgt Ion: 45 Resp: 369830

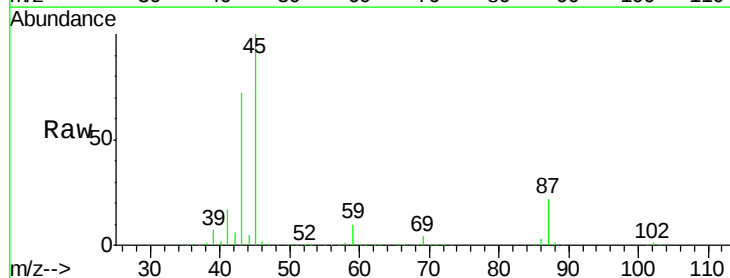
Ion Ratio Lower Upper

45 100

43 71.5 56.1 84.1

87 21.8 18.1 27.1

59 10.0 8.5 12.7

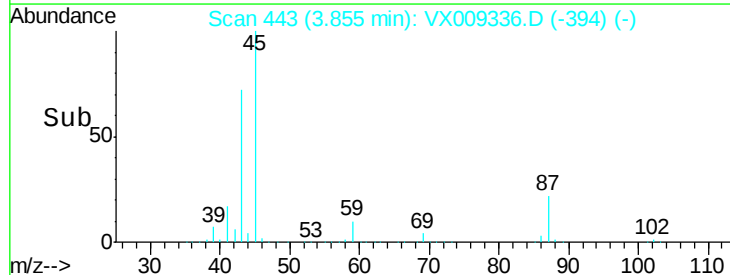
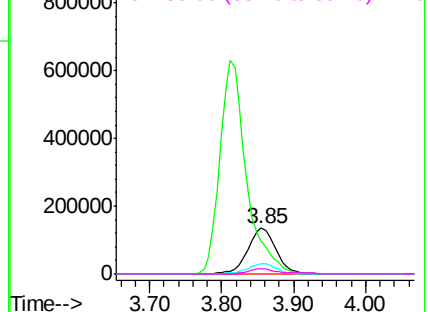


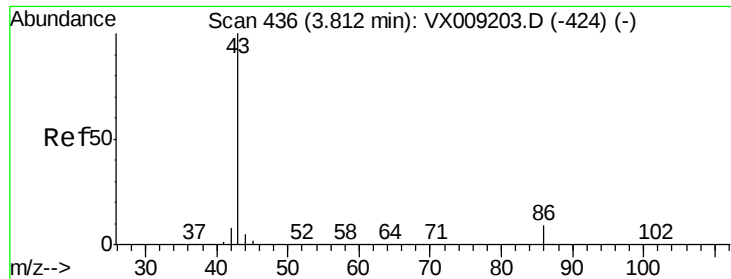
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 256.418 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

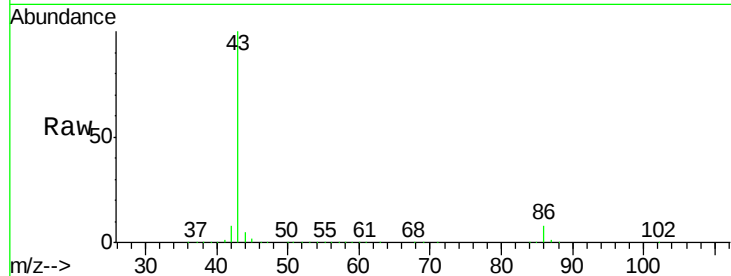
VSTDCCC050EC

Tot Ion: 43 Resp: 1619206

Ion Ratio Lower Upper

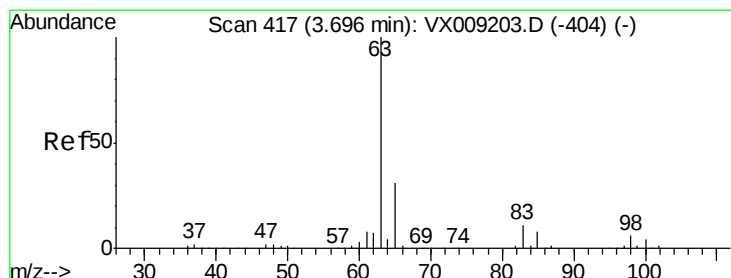
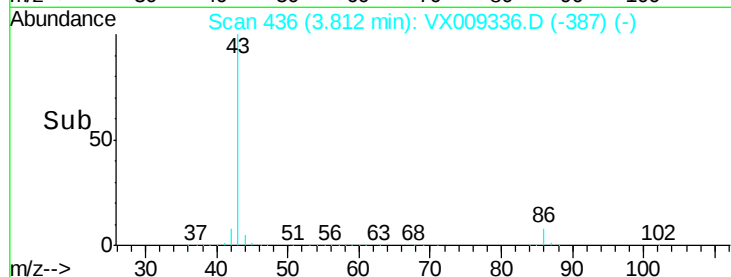
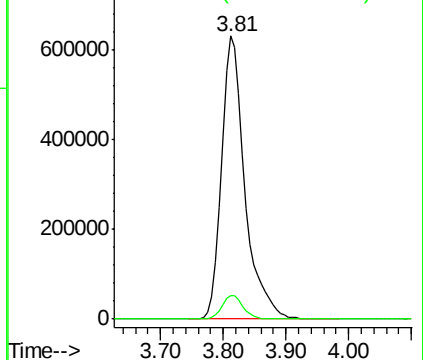
43 100

86 8.4 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.827 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

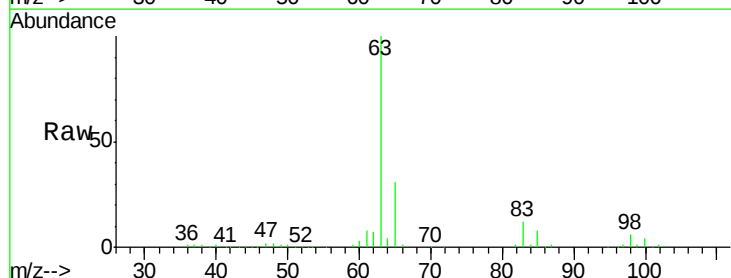
Tgt Ion: 63 Resp: 177626

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

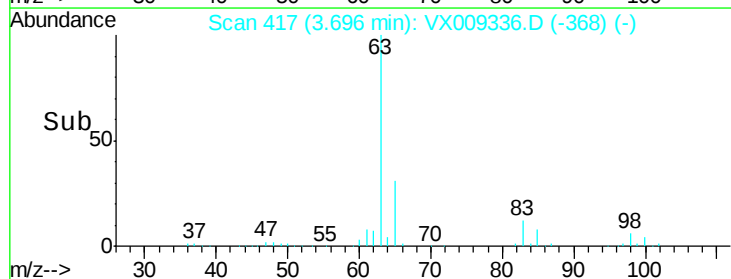
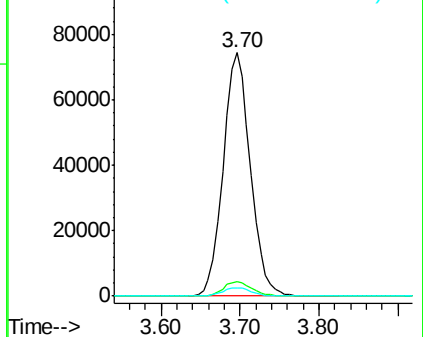
100 3.5 2.0 6.0

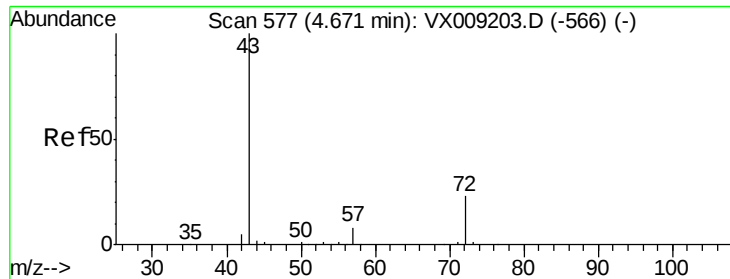


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 247.746 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

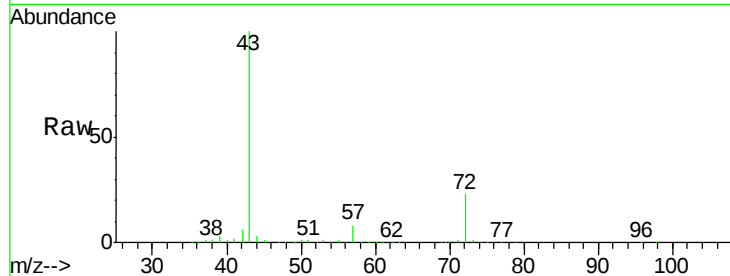
VSTDCCC050EC

Tot Ion: 43 Resp: 473243

Ion Ratio Lower Upper

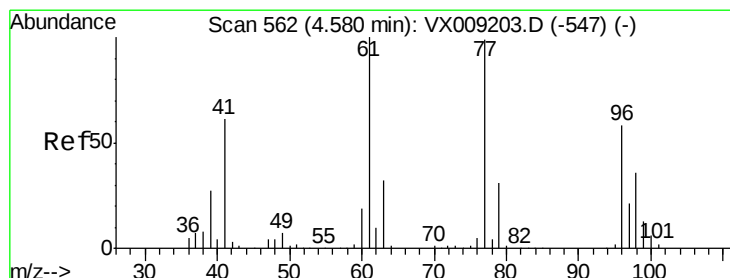
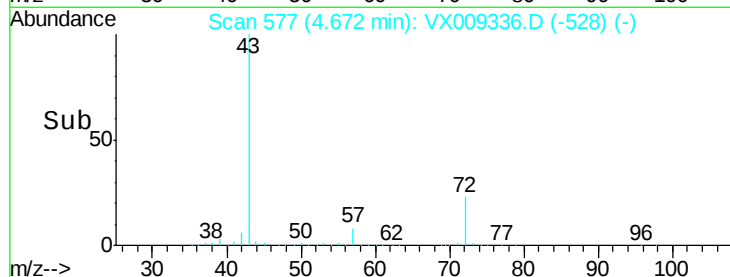
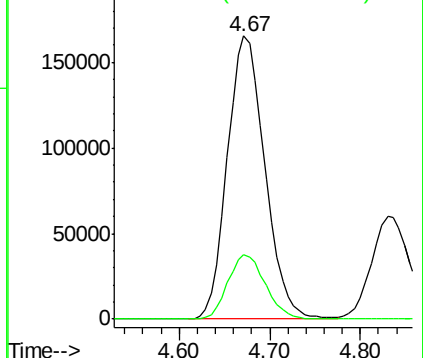
43 100

72 22.5 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 39.210 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009336.D

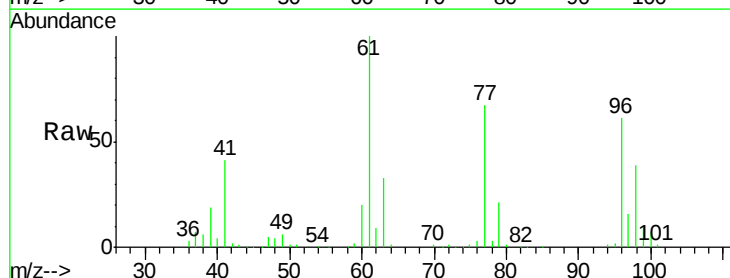
Acq: 04 May 2019 01:36

Tgt Ion: 77 Resp: 106173

Ion Ratio Lower Upper

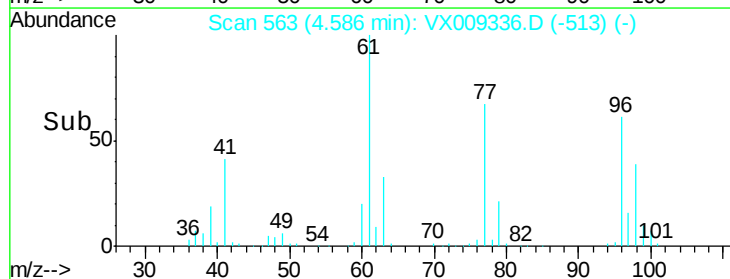
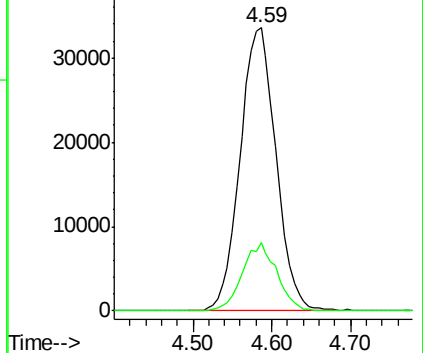
77 100

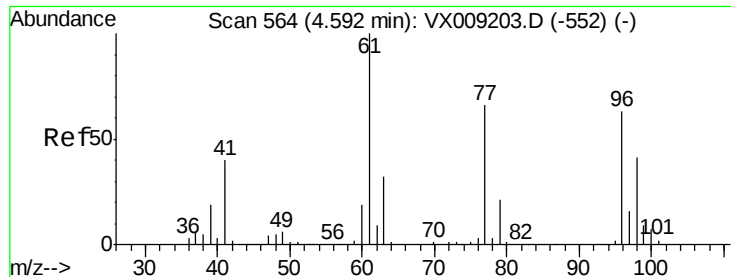
97 23.2 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



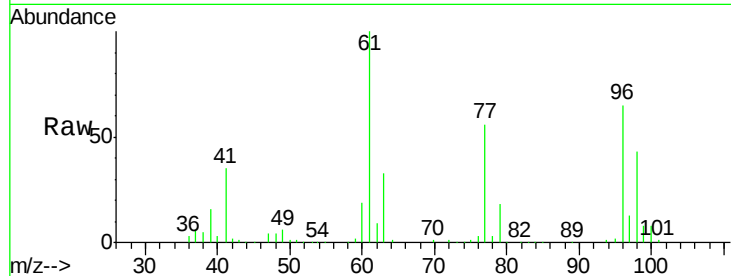


#27

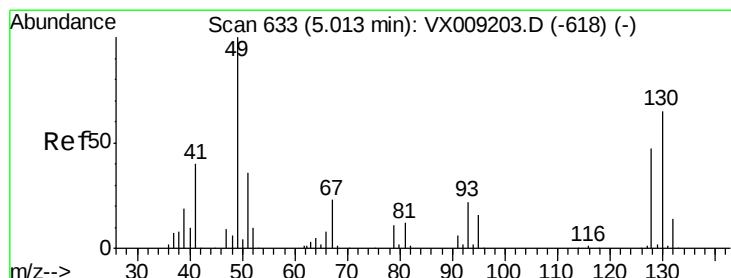
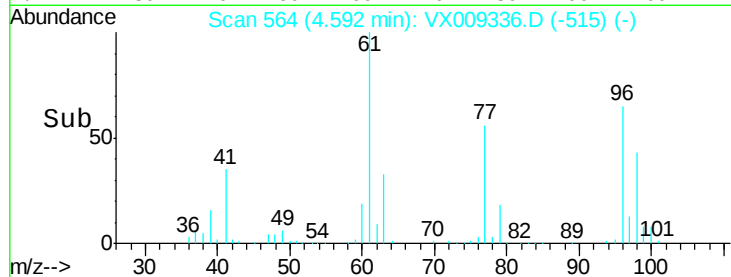
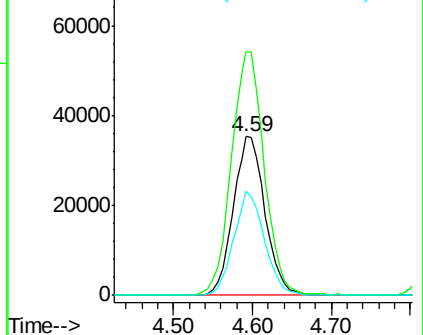
cis-1,2-Dichloroethene
Concen: 48.410 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 98603
Ion Ratio Lower Upper
96 100
61 159.4 0.0 324.0
98 63.5 0.0 130.4



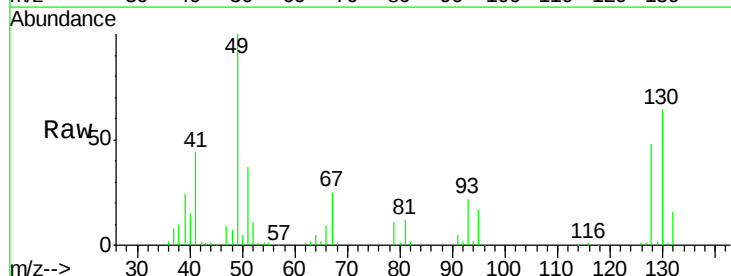
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



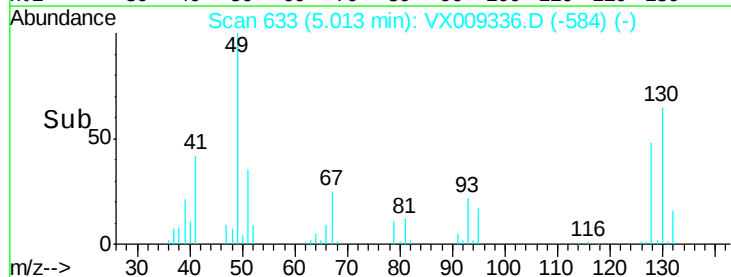
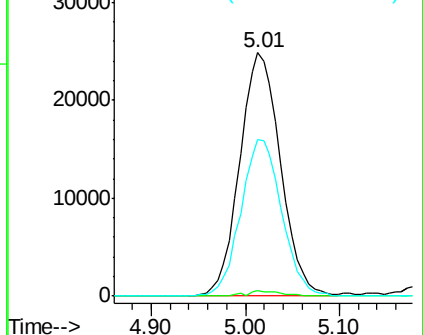
#28

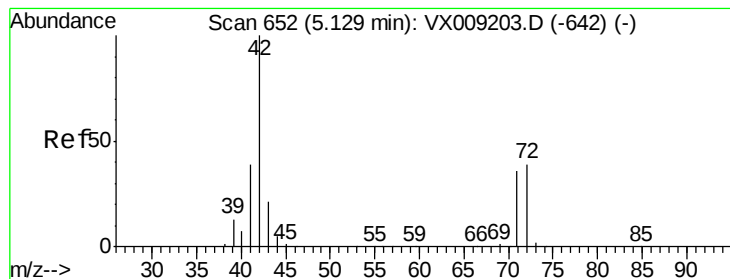
Bromochloromethane
Concen: 51.371 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Tgt Ion: 49 Resp: 75118
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.8
130 64.3 51.2 76.8



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: 254.087 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

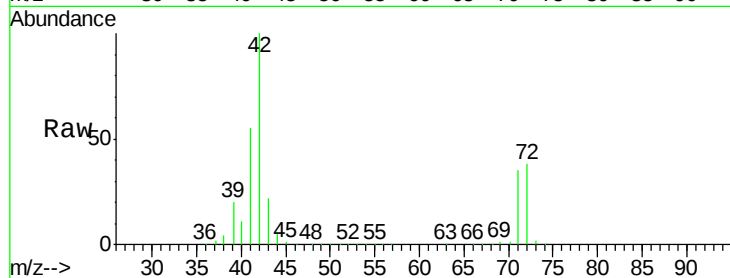
Tot Ion: 42 Resp: 312325

Ion Ratio Lower Upper

42 100

72 37.6 30.4 45.6

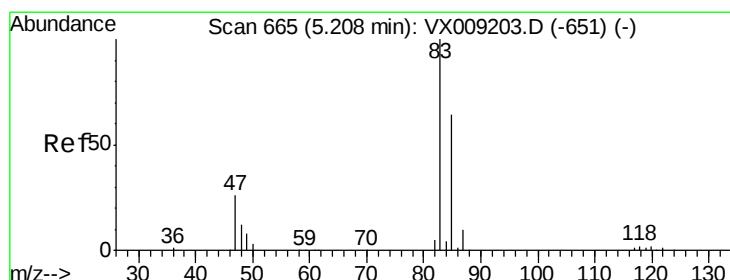
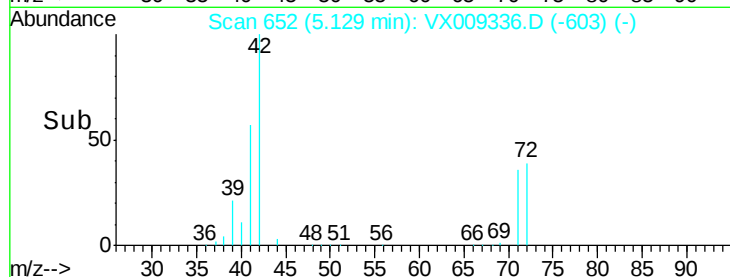
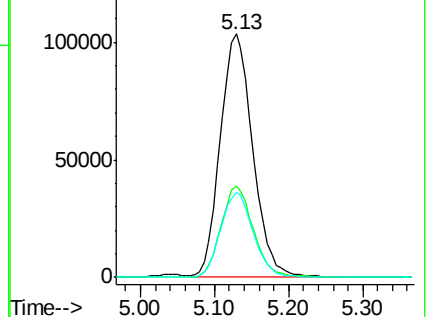
71 35.1 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.969 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX009336.D

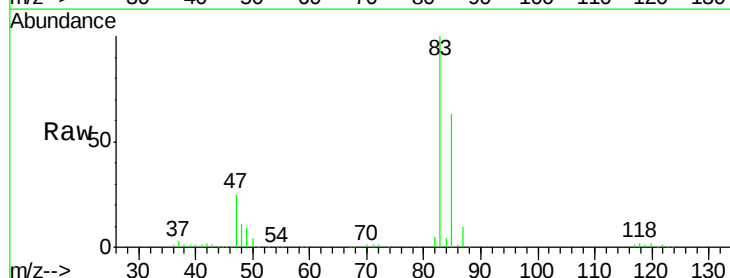
Acq: 04 May 2019 01:36

Tgt Ion: 83 Resp: 164407

Ion Ratio Lower Upper

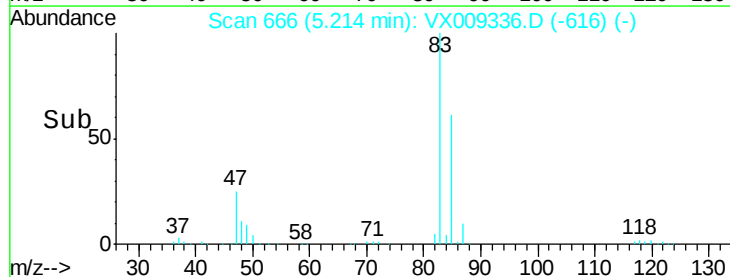
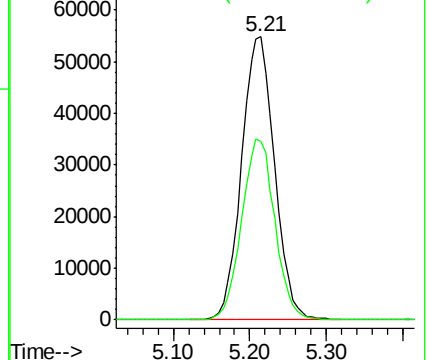
83 100

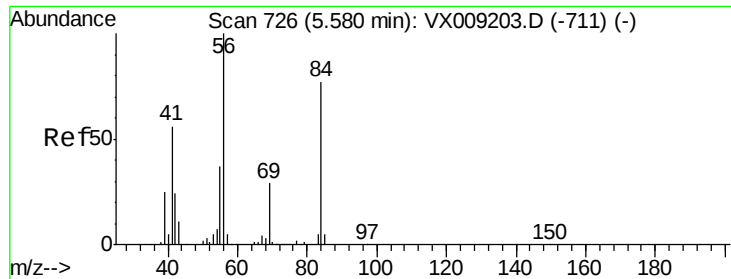
85 63.0 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.970 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

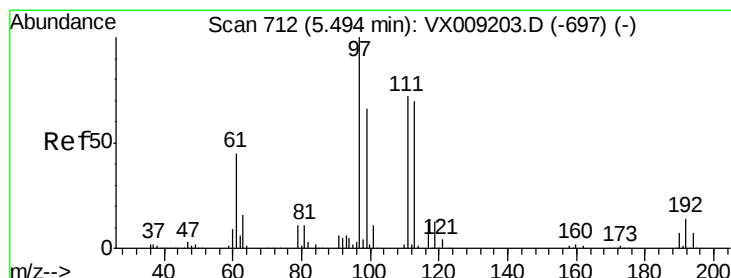
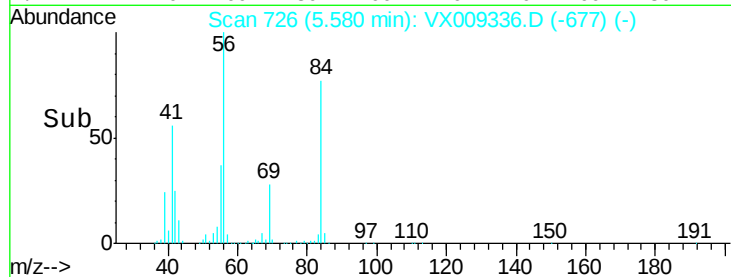
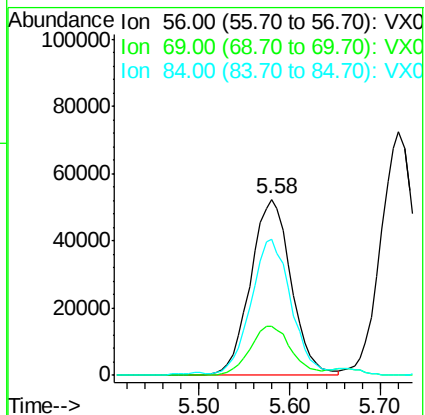
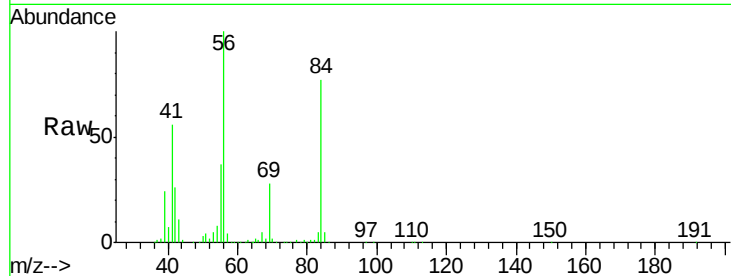
Tot Ion: 56 Resp: 162357

Ion Ratio Lower Upper

56 100

69 27.7 23.4 35.0

84 75.9 61.9 92.9



#32

1,1,1-Trichloroethane

Concen: 49.403 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

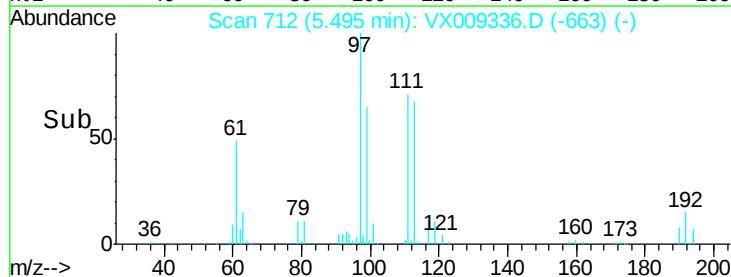
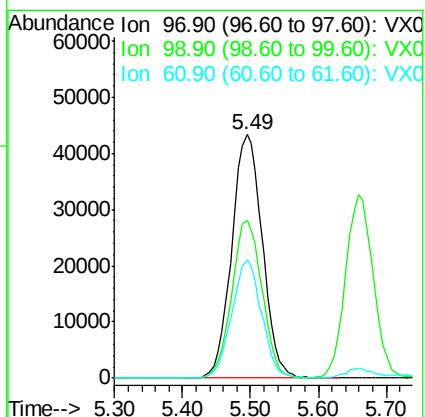
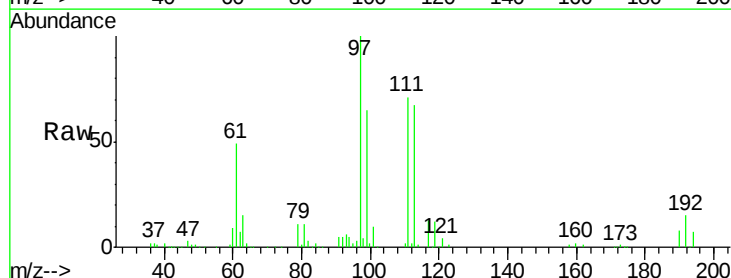
Tgt Ion: 97 Resp: 135311

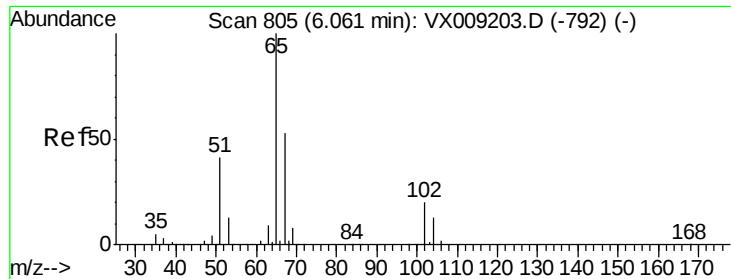
Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.8

61 47.3 37.8 56.8





#33

1,2-Dichloroethane-d4

Concen: 50.549 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

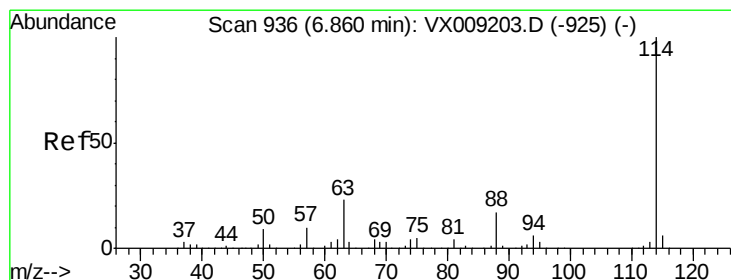
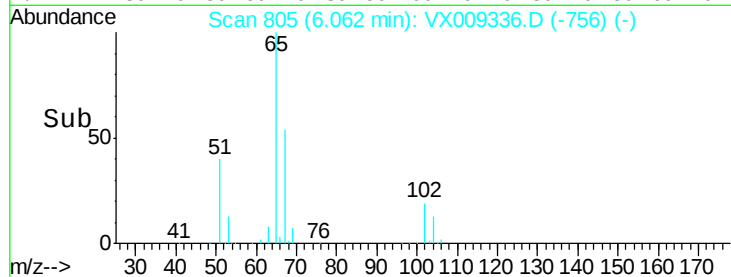
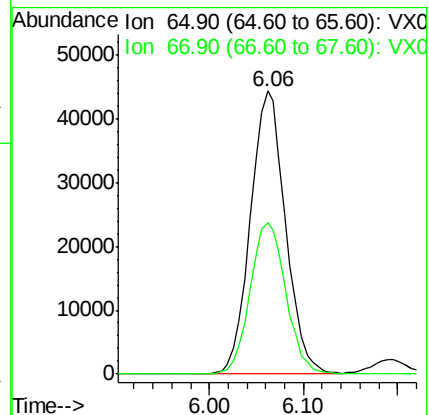
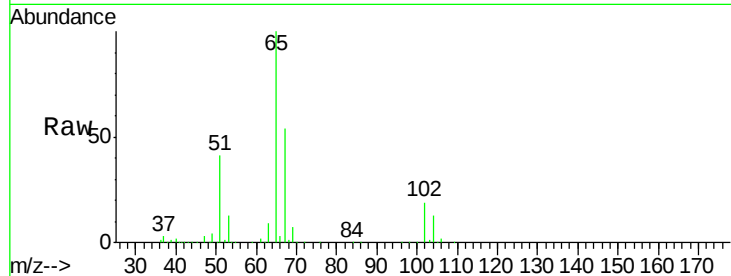
VSTDCCC050EC

Tot Ion: 65 Resp: 115720

Ion Ratio Lower Upper

65 100

67 54.7 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

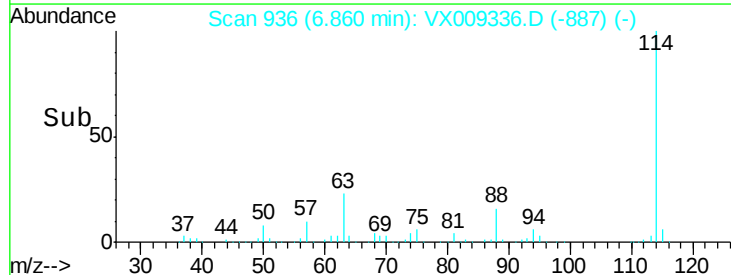
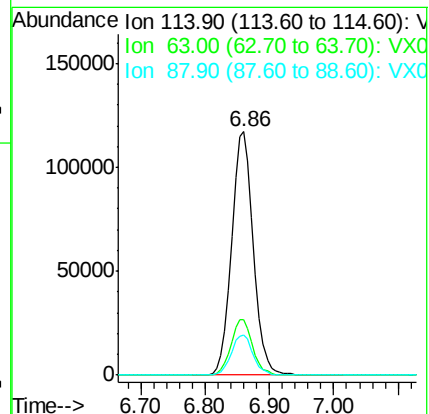
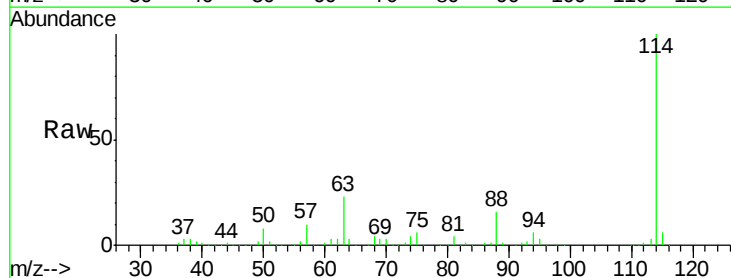
Tgt Ion: 114 Resp: 277635

Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.6

88 16.5 0.0 33.2

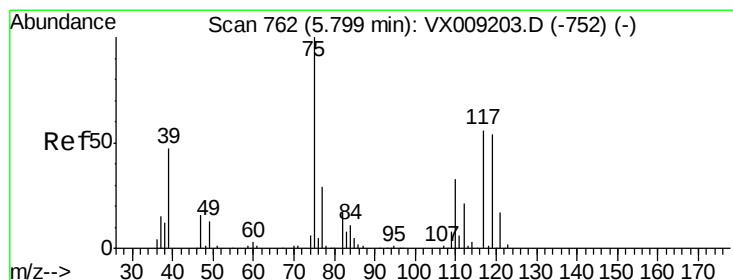
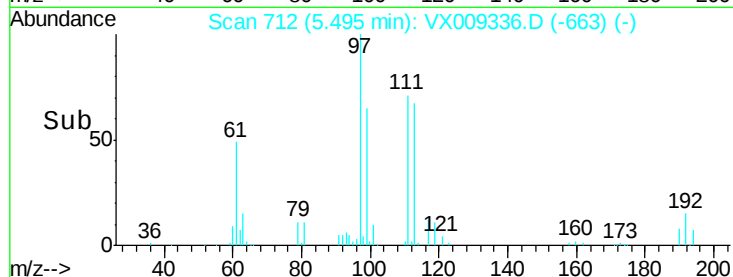
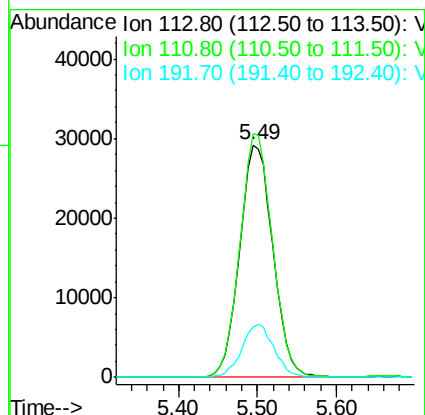
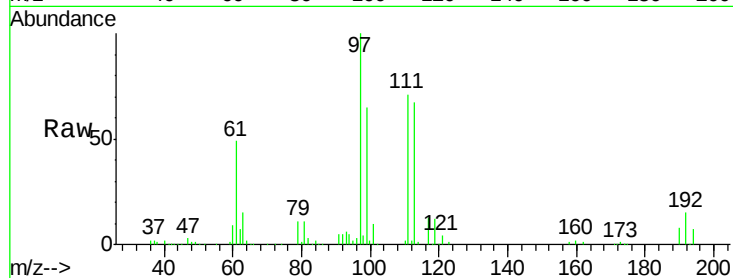




#35
 Dibromofluoromethane
 Concen: 49.140 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009336.D
 Acq: 04 May 2019 01:36

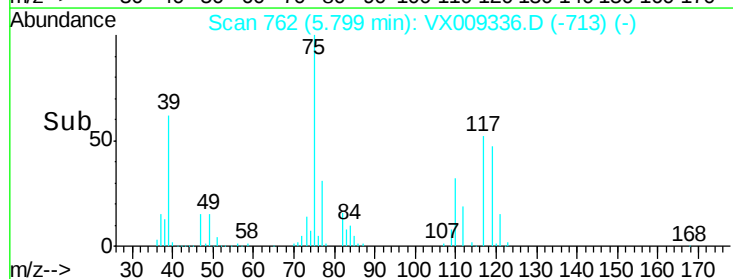
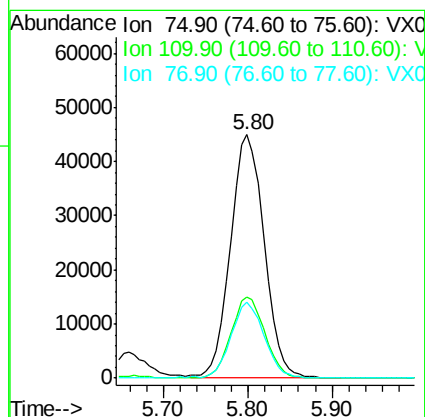
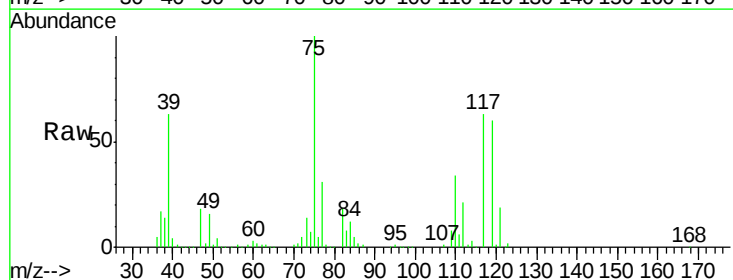
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

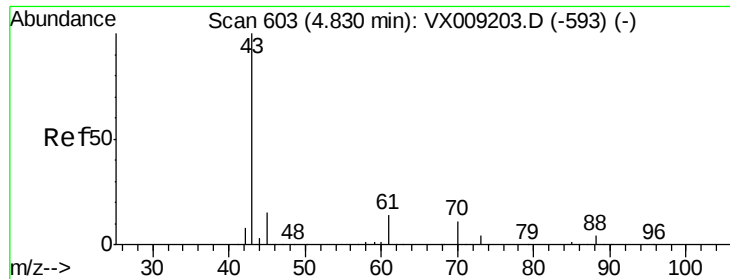
Tot Ion:113 Resp: 85766
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.8 124.2
 192 22.2 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 47.228 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009336.D
 Acq: 04 May 2019 01:36

Tgt Ion: 75 Resp: 121853
 Ion Ratio Lower Upper
 75 100
 110 34.0 16.9 50.6
 77 30.7 24.8 37.2

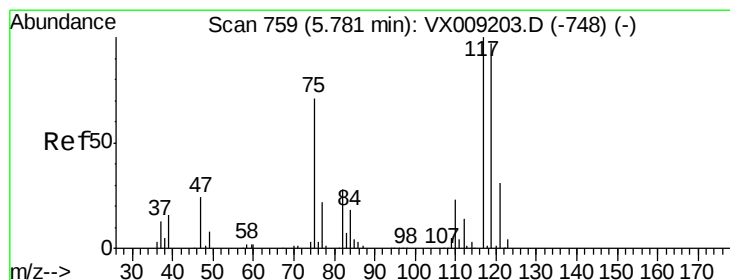
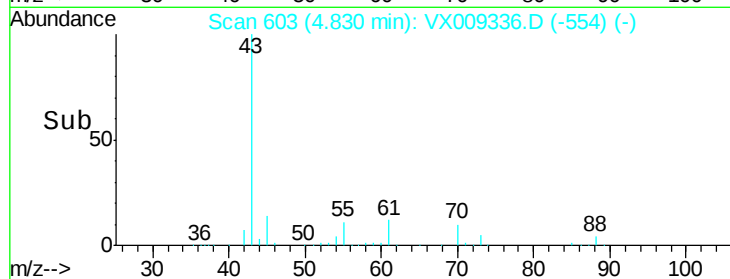
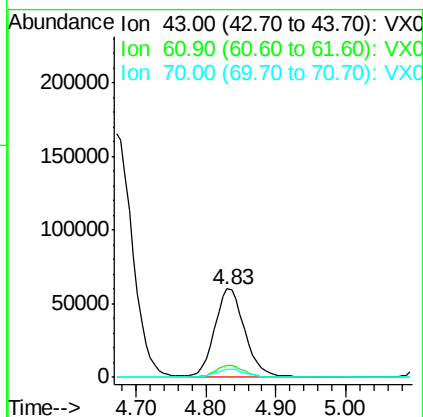
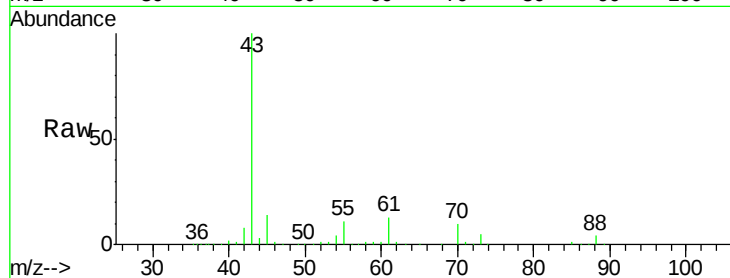




#37
Ethyl Acetate
Concen: 49.722 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

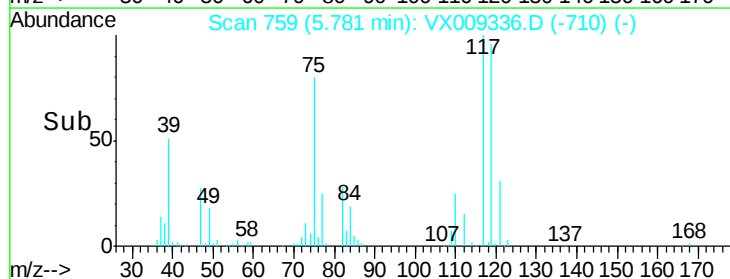
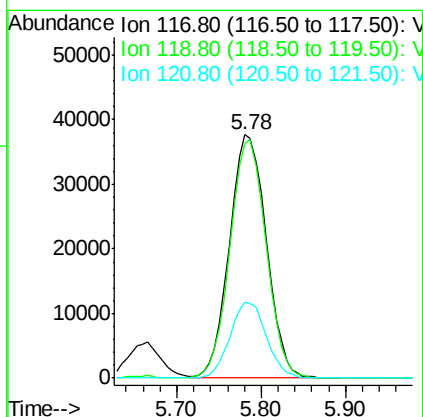
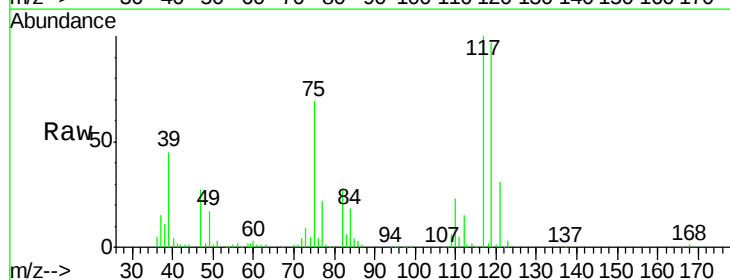
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 178744
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 47.869 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Tgt Ion: 117 Resp: 112214
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3
121 31.1 24.7 37.1

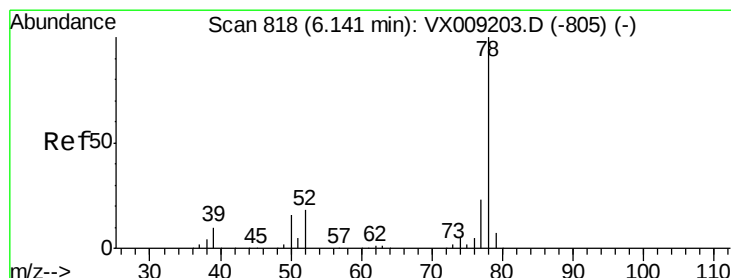
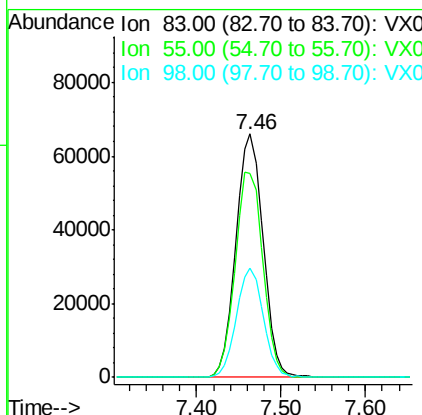
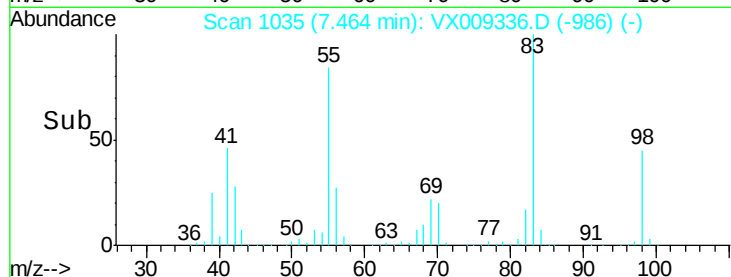
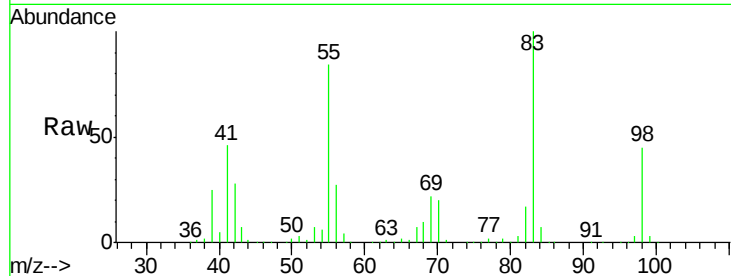




#39
Methvlcvclohexane
Concen: 45.295 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

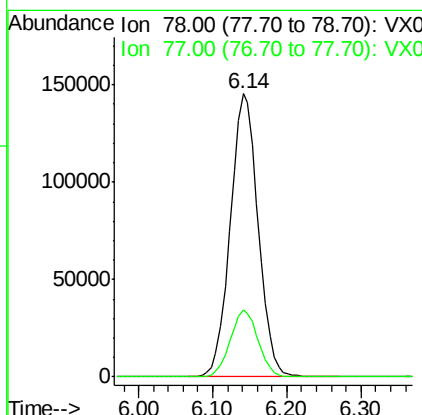
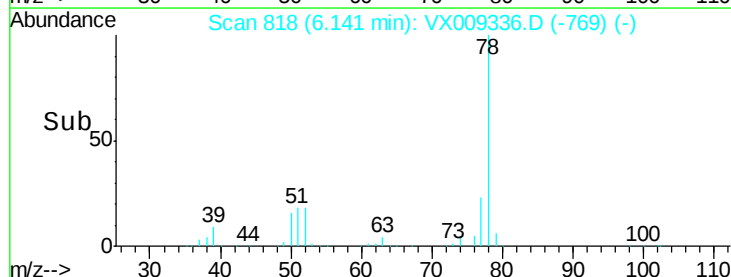
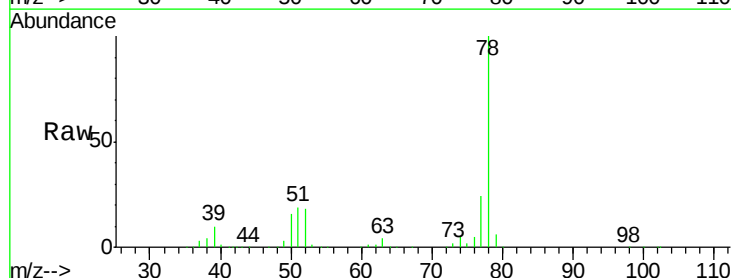
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 143521
Ion Ratio Lower Upper
83 100
55 83.9 67.7 101.5
98 44.8 35.5 53.3



#40
Benzene
Concen: 47.689 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Tgt Ion: 78 Resp: 380793
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2





#41

Methacrylonitrile

Concen: 48.430 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 103636

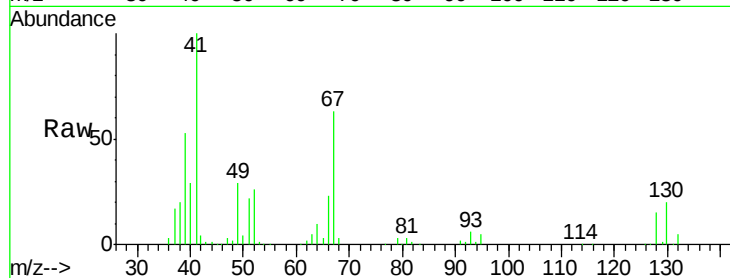
Ion Ratio Lower Upper

41 100

39 52.1 42.0 63.0

67 62.2 49.8 74.8

52 26.2 20.3 30.5

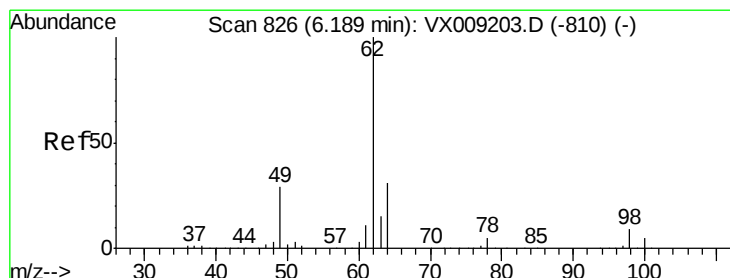
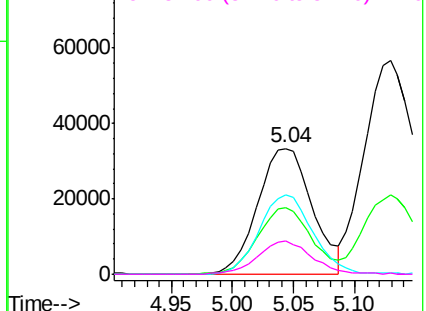
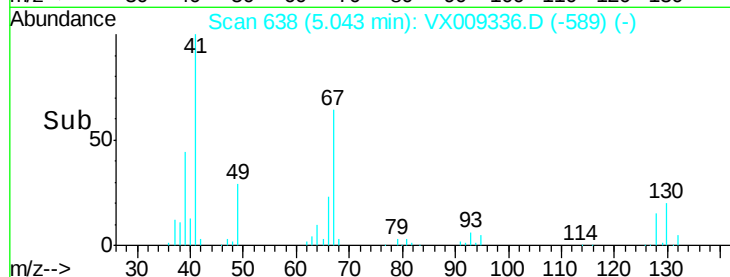


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.344 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX009336.D

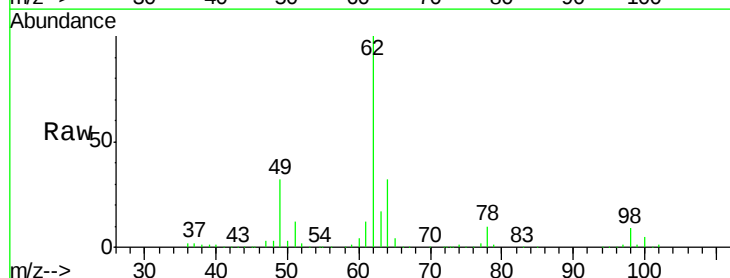
Acq: 04 May 2019 01:36

Tgt Ion: 62 Resp: 138472

Ion Ratio Lower Upper

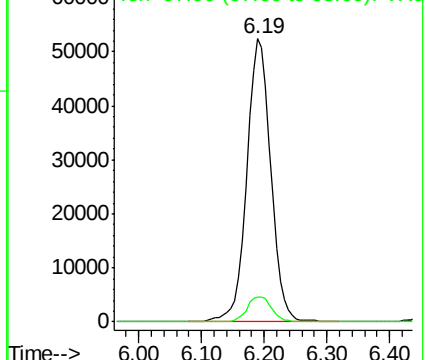
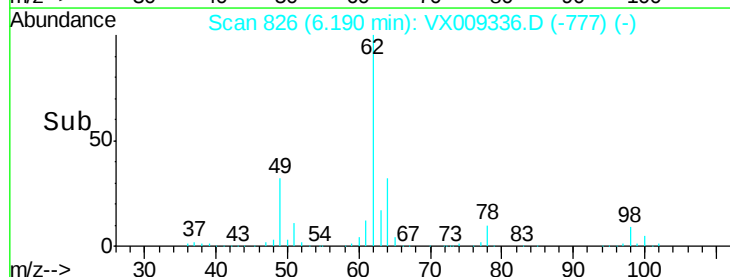
62 100

98 9.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



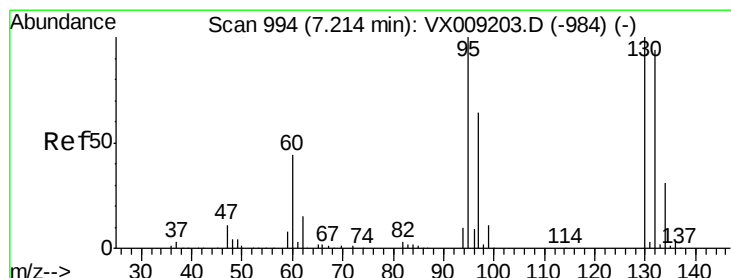
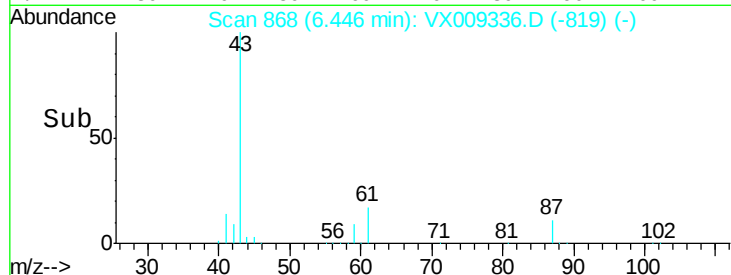
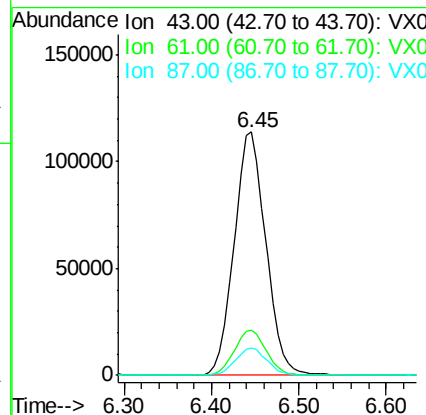
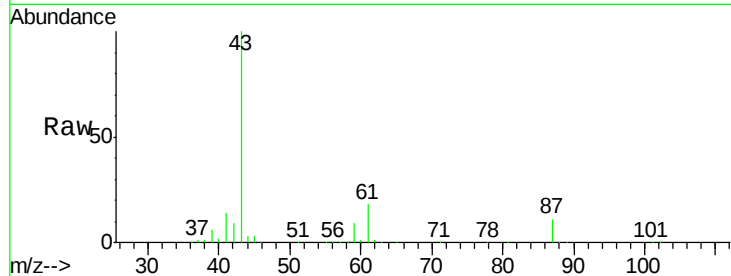


#43

Isopropyl Acetate
 Concen: 49.719 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009336.D
 Acq: 04 May 2019 01:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

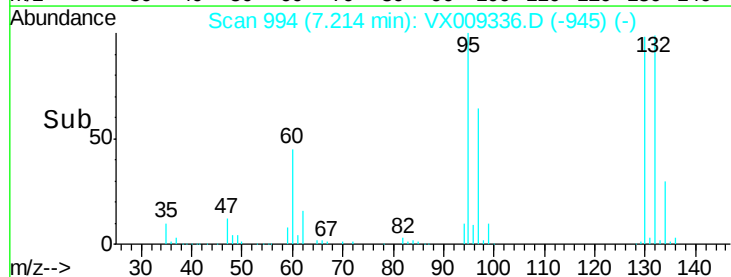
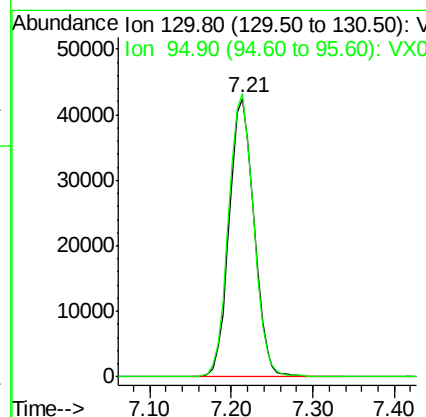
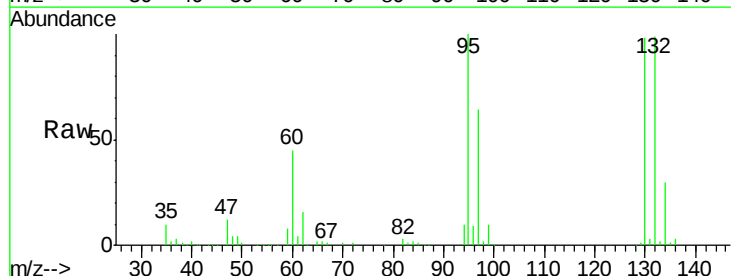
Tot Ion	43	Resp	285893
Ion Ratio	Lower	Upper	
43	100		
61	18.9	15.1	22.7
87	11.2	9.0	13.6



#44

Trichloroethene
 Concen: 46.328 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009336.D
 Acq: 04 May 2019 01:36

Tgt Ion	130	Resp	89430
Ion Ratio	Lower	Upper	
130	100		
95	101.7	0.0	199.2





#45

1,2-Dichloropropane

Concen: 48.048 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

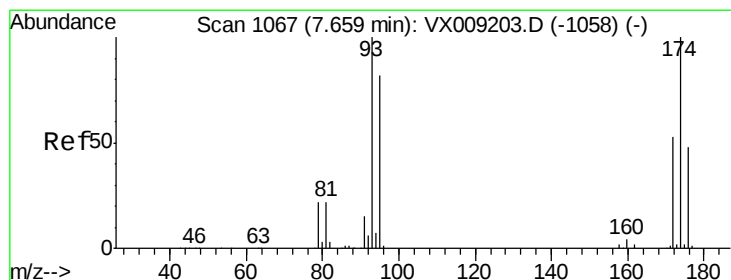
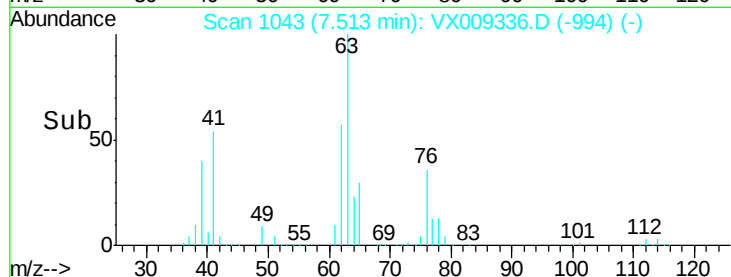
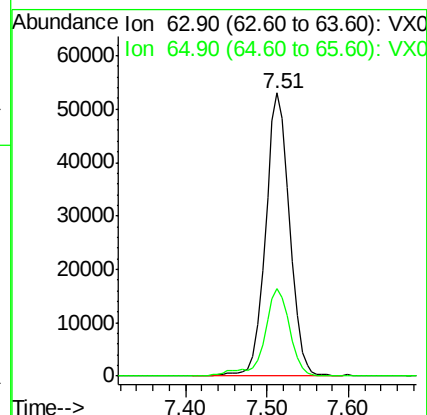
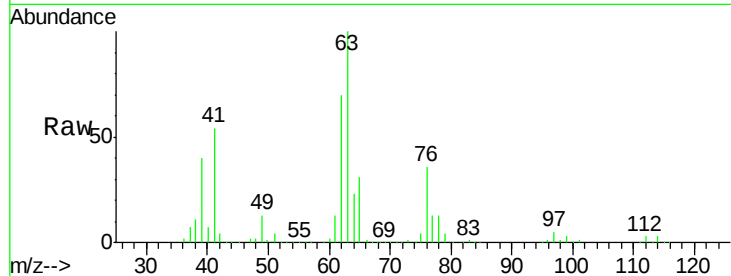
VSTDCCC050EC

Tot Ion: 63 Resp: 108638

Ion Ratio Lower Upper

63 100

65 31.1 25.0 37.6



#46

Dibromomethane

Concen: 47.067 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

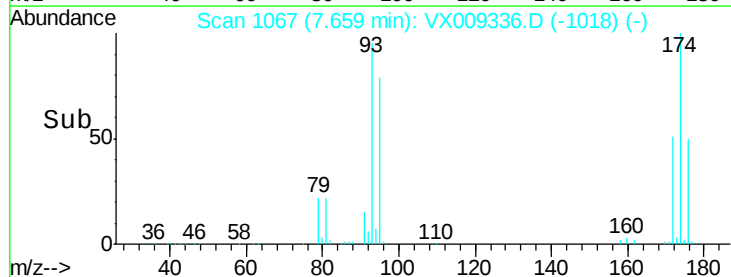
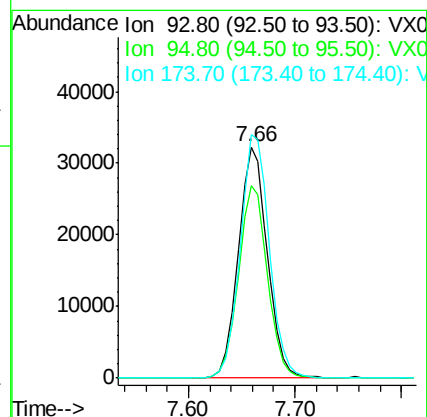
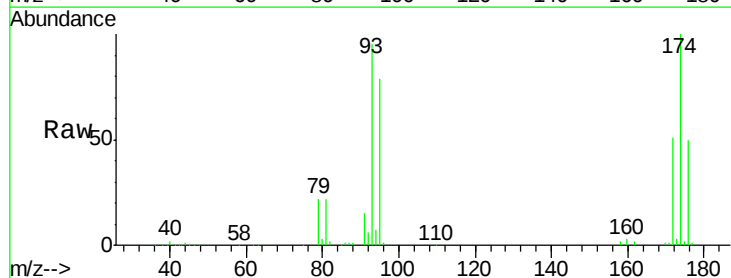
Tgt Ion: 93 Resp: 61799

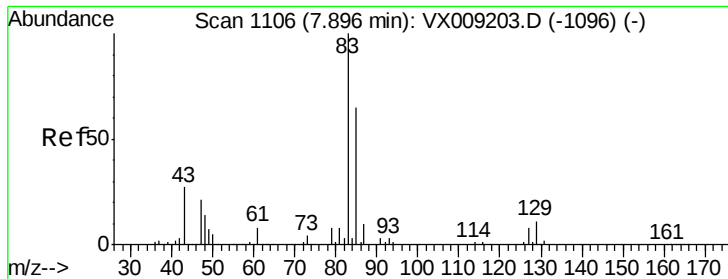
Ion Ratio Lower Upper

93 100

95 83.2 66.5 99.7

174 105.9 82.1 123.1





#47

Bromodichloromethane

Concen: 48.673 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

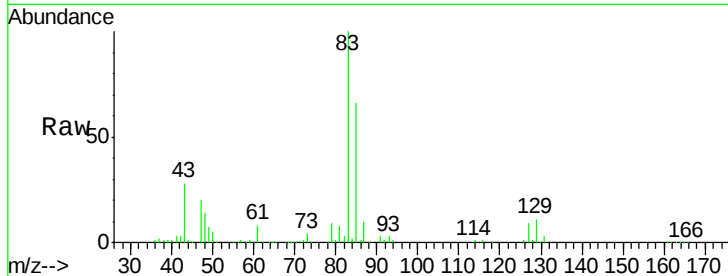
Tot Ion: 83 Resp: 127478

Ion Ratio Lower Upper

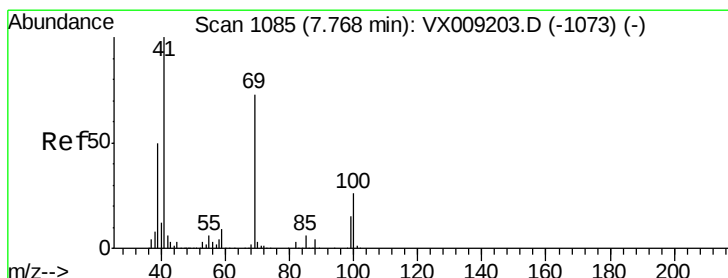
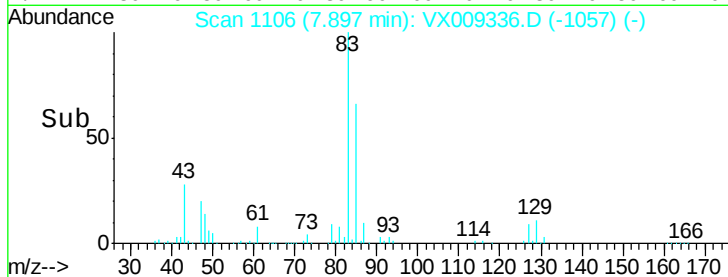
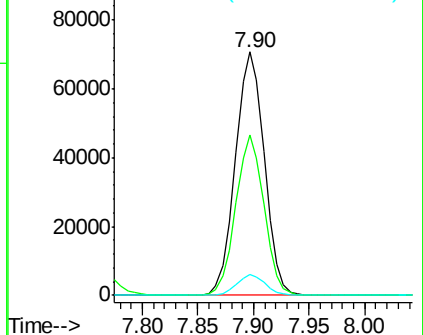
83 100

85 65.8 52.4 78.6

127 8.5 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.273 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

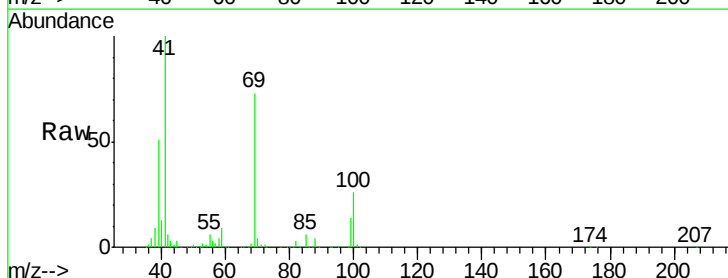
Tgt Ion: 41 Resp: 143419

Ion Ratio Lower Upper

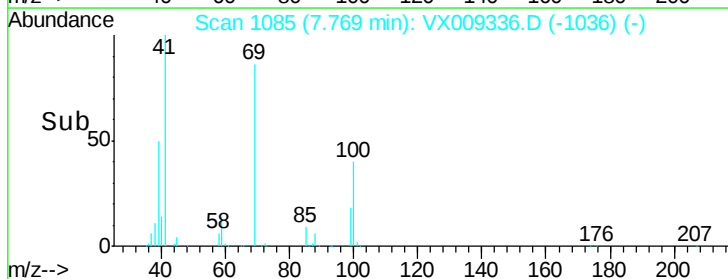
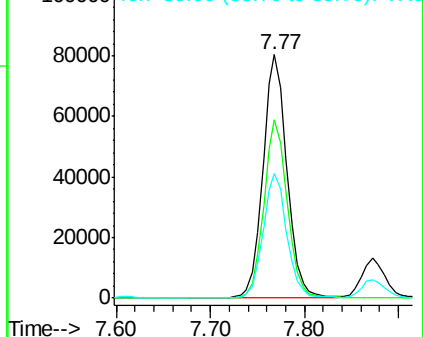
41 100

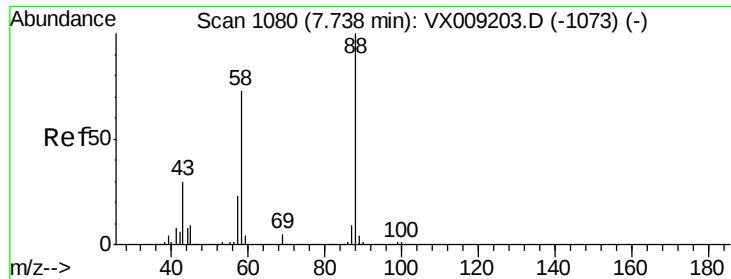
69 72.0 59.1 88.7

39 50.5 40.4 60.6



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

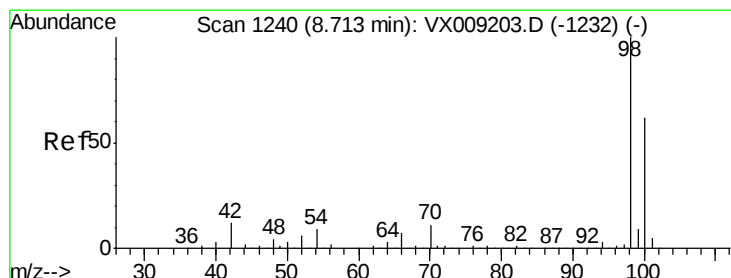
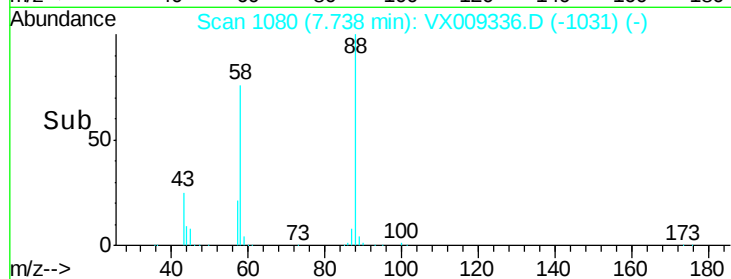
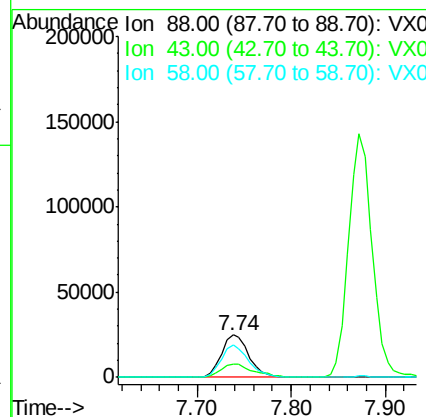
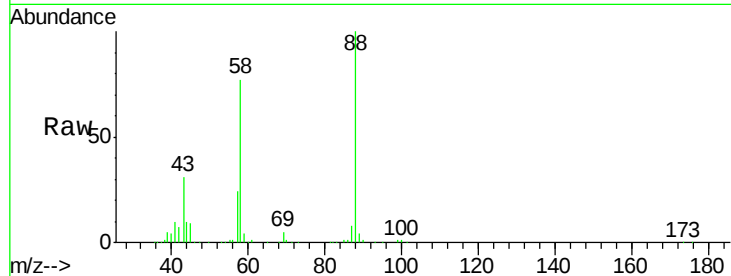




#49
1,4-Dioxane
Concen: 866.248 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

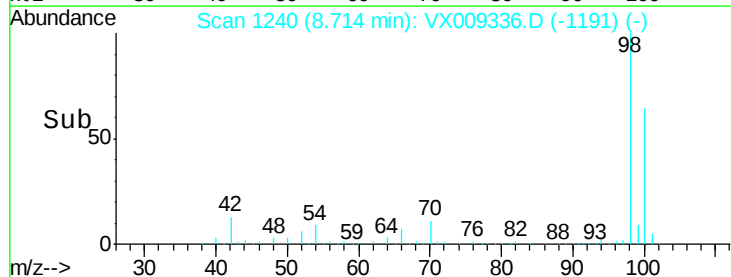
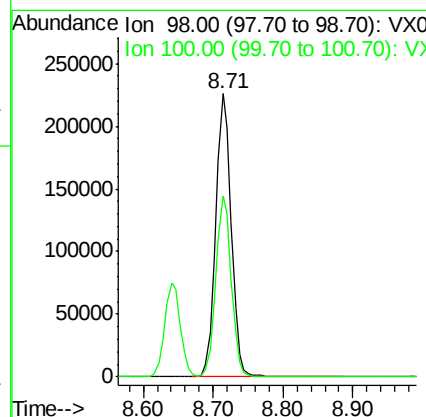
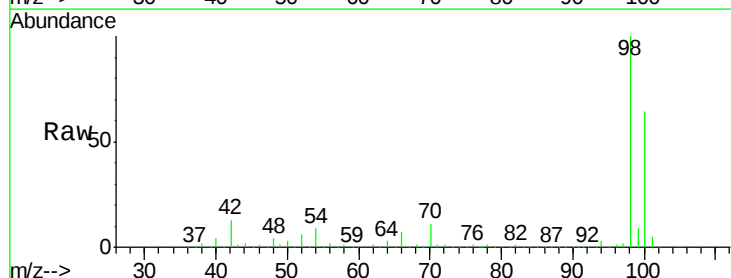
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

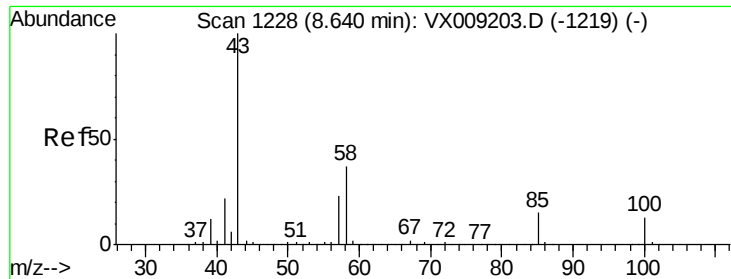
Tot Ion: 88 Resp: 50116
Ion Ratio Lower Upper
88 100
43 36.6 28.6 42.8
58 77.4 61.7 92.5



#50
Toluene-d8
Concen: 49.372 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Tgt Ion: 98 Resp: 347893
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 249.488 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

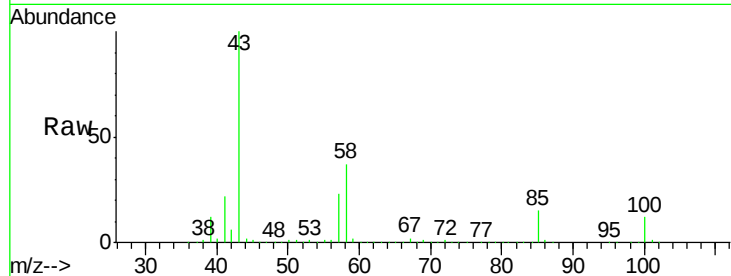
VSTDCCC050EC

Tot Ion: 43 Resp: 937679

Ion Ratio Lower Upper

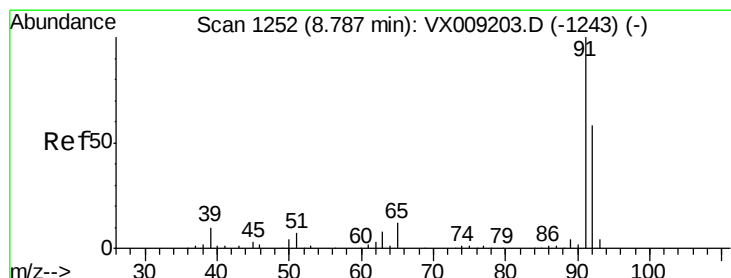
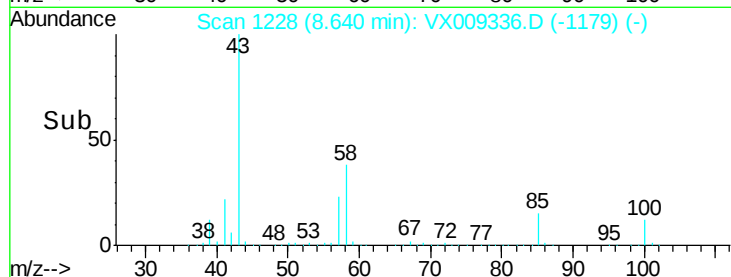
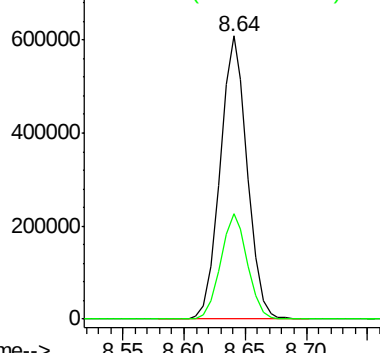
43 100

58 37.1 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.383 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009336.D

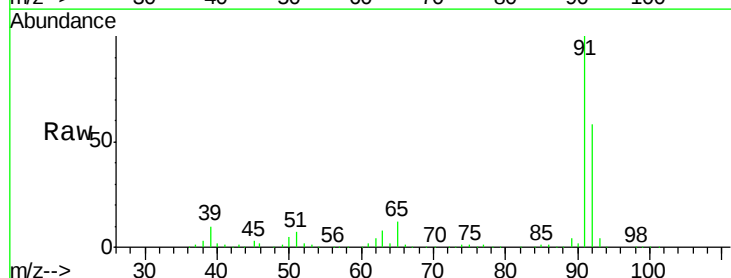
Acq: 04 May 2019 01:36

Tgt Ion: 92 Resp: 229992

Ion Ratio Lower Upper

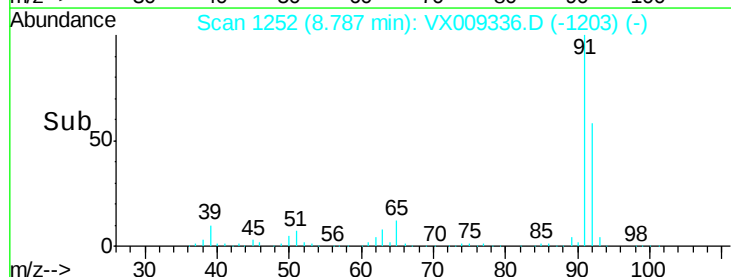
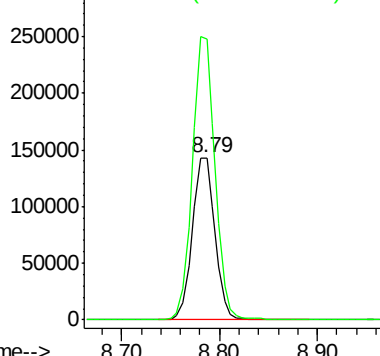
92 100

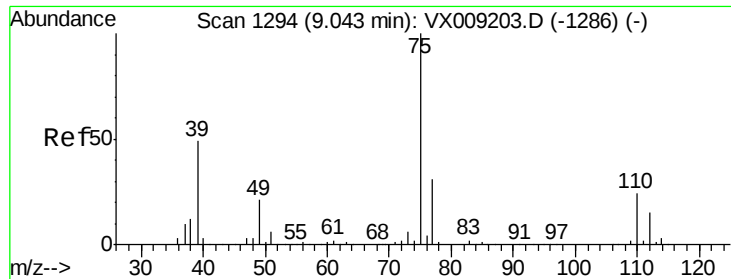
91 174.5 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

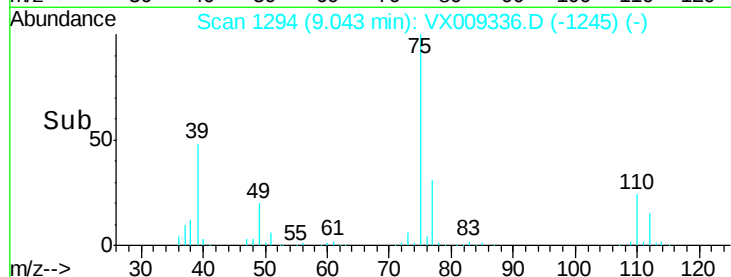
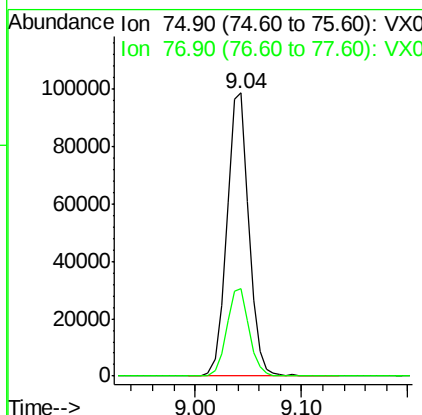
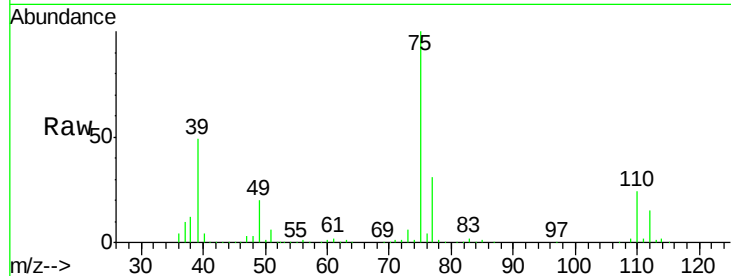




#53
t-1,3-Dichloropropene
Concen: 48.226 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

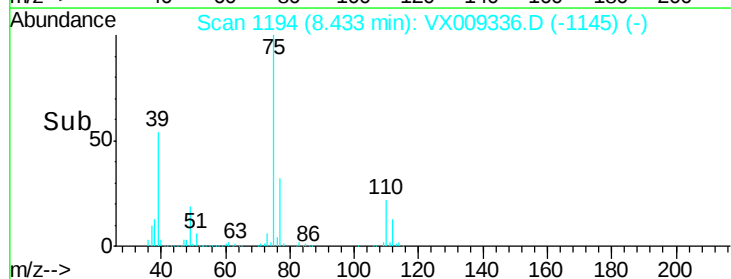
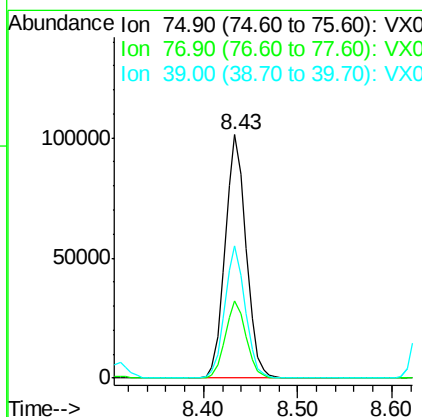
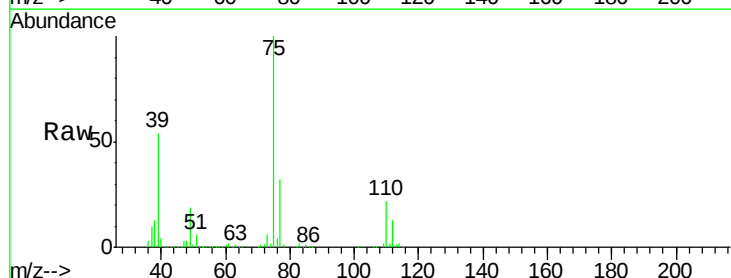
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

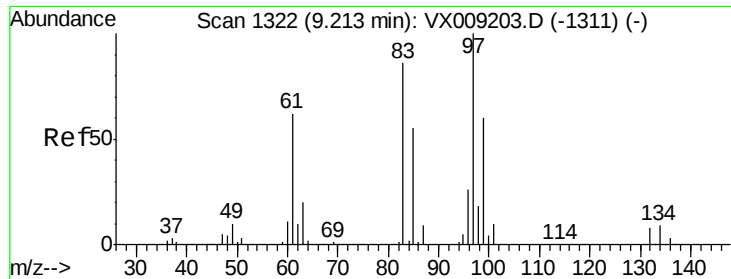
Tot Ion: 75 Resp: 142602
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 47.766 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Tgt Ion: 75 Resp: 156334
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8
39 54.1 40.6 60.8

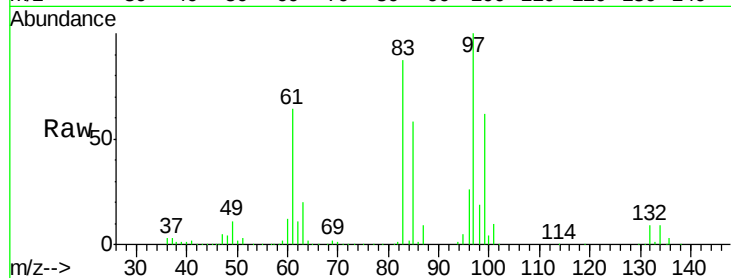




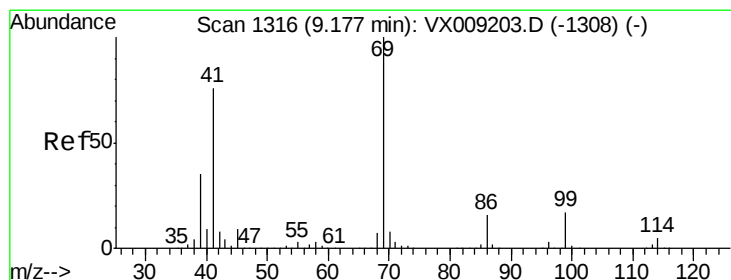
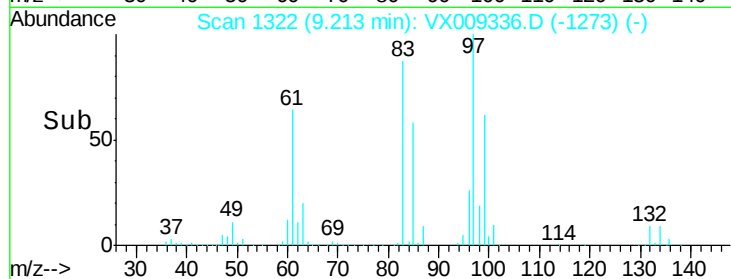
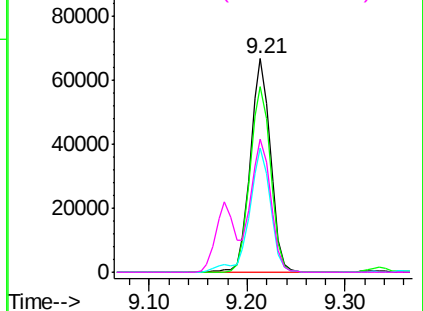
#55
 1,1,2-Trichloroethane
 Concen: 48.182 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009336.D
 Acq: 04 May 2019 01:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	95412
Ion	Ratio	Lower	Upper
97	100		
83	87.0	68.9	103.3
85	58.1	43.8	65.6
99	62.5	48.2	72.2

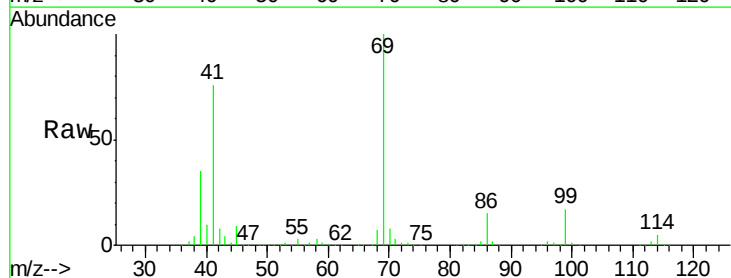


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

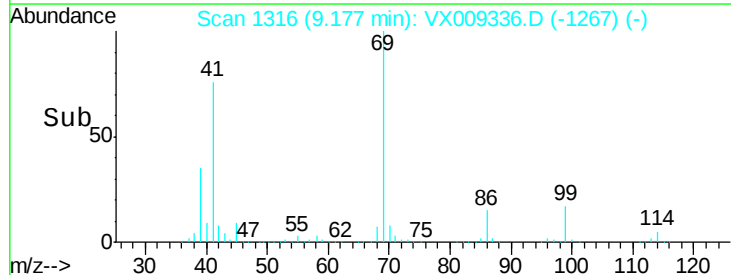
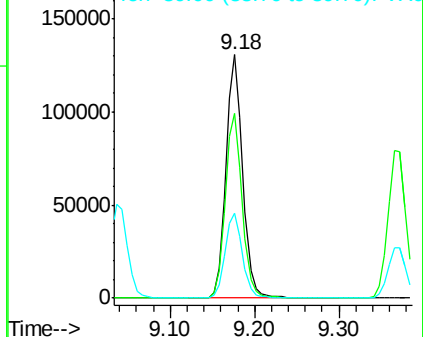


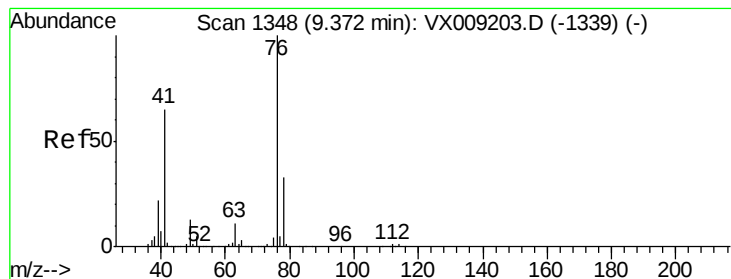
#56
 Ethyl methacrylate
 Concen: 49.969 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009336.D
 Acq: 04 May 2019 01:36

Tgt Ion:	69	Resp:	176632
Ion	Ratio	Lower	Upper
69	100		
41	76.7	60.6	90.8
39	35.7	28.2	42.4



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: 47.940 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

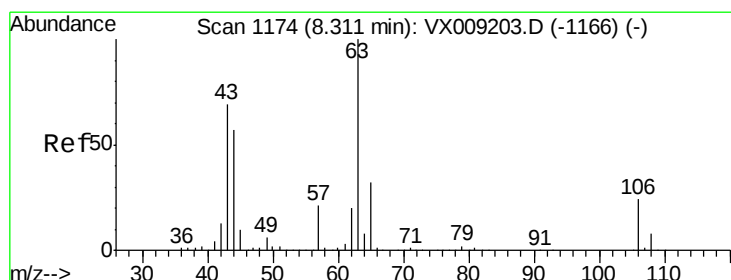
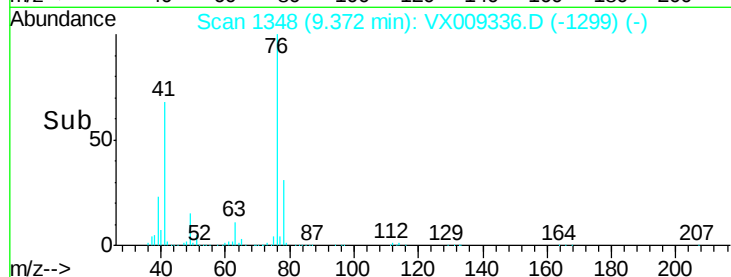
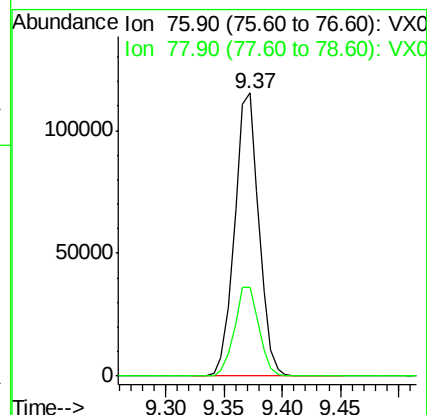
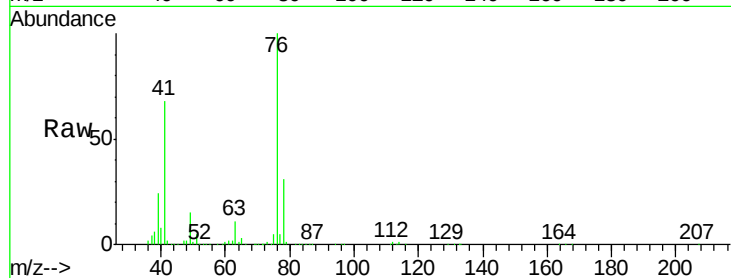
VSTDCCC050EC

Tot Ion: 76 Resp: 167056

Ion Ratio Lower Upper

76 100

78 32.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 248.644 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009336.D

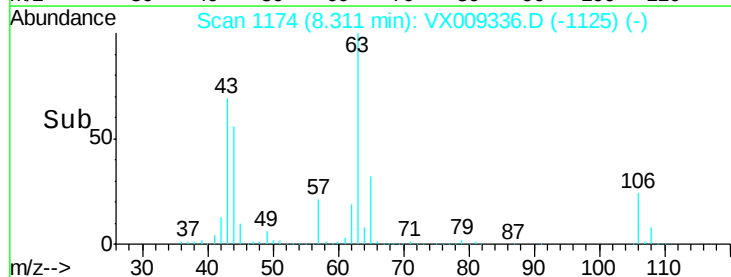
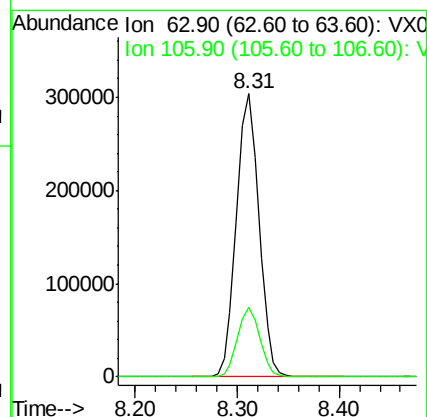
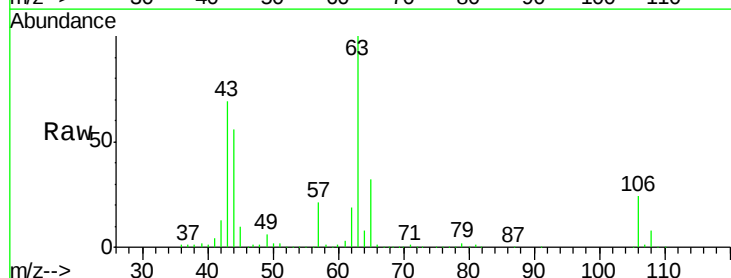
Acq: 04 May 2019 01:36

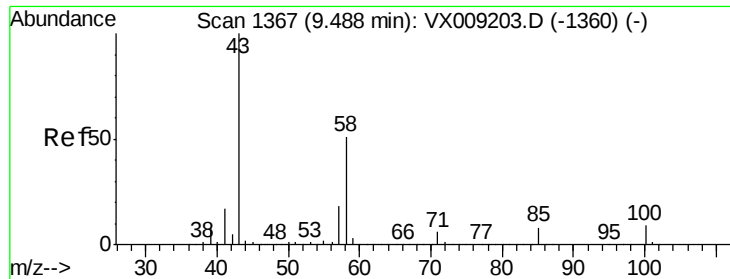
Tgt Ion: 63 Resp: 466261

Ion Ratio Lower Upper

63 100

106 24.5 19.7 29.5

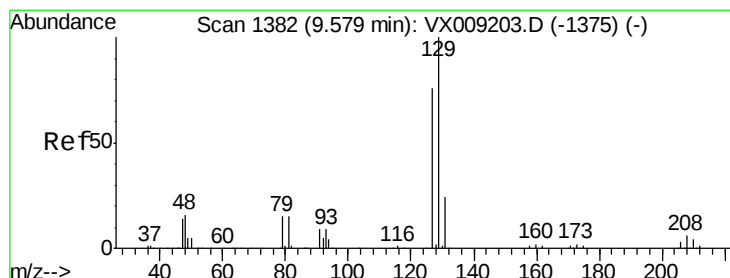
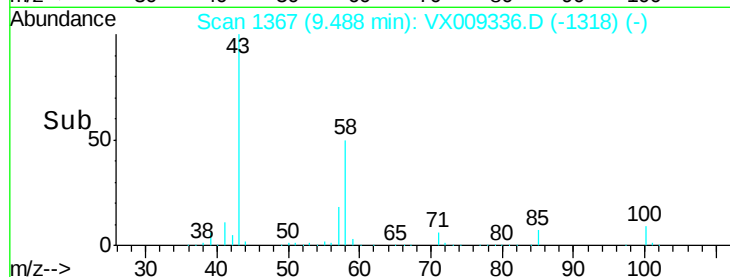
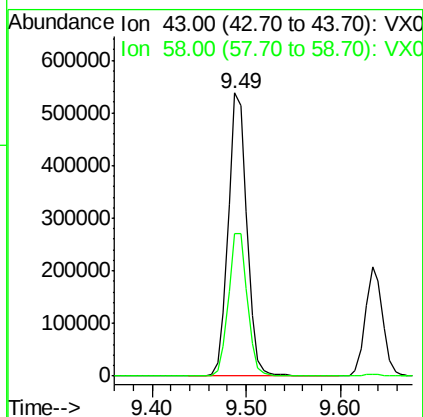
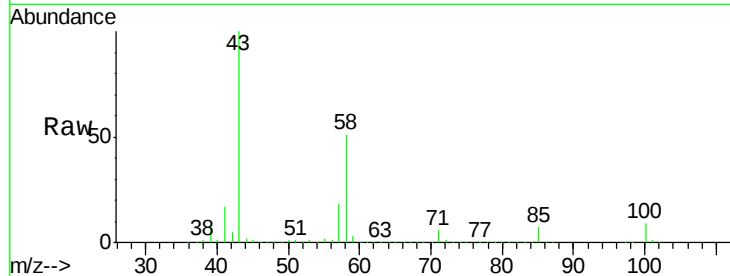




#59
2-Hexanone
Concen: 249.741 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

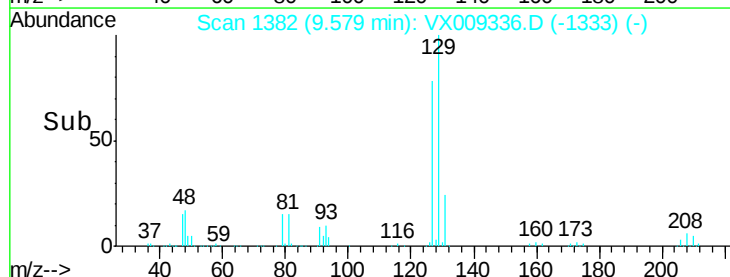
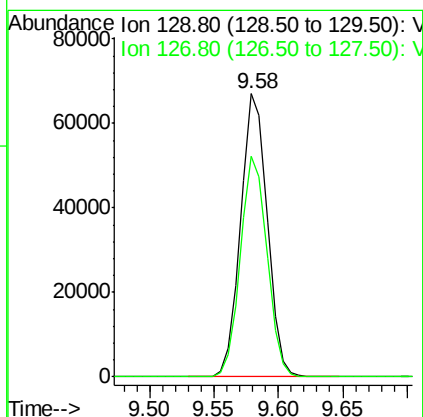
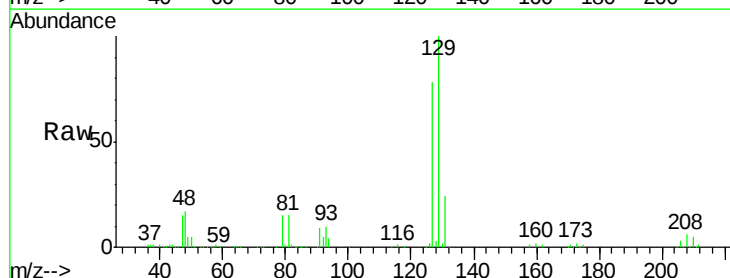
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

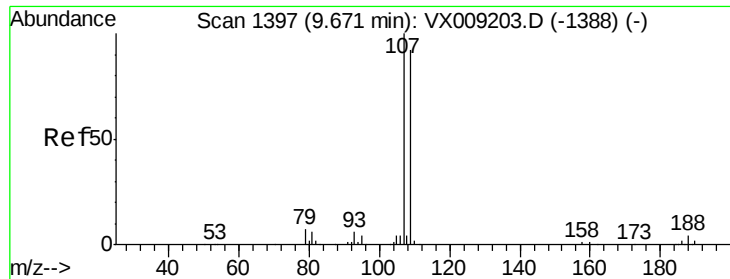
Tot Ion: 43 Resp: 737189
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.7



#60
Dibromochloromethane
Concen: 49.459 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Tgt Ion: 129 Resp: 95657
Ion Ratio Lower Upper
129 100
127 78.1 38.4 115.1

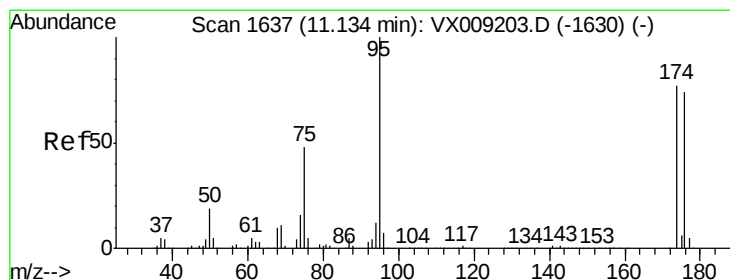
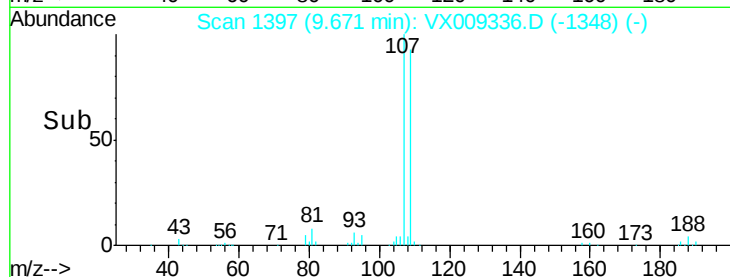
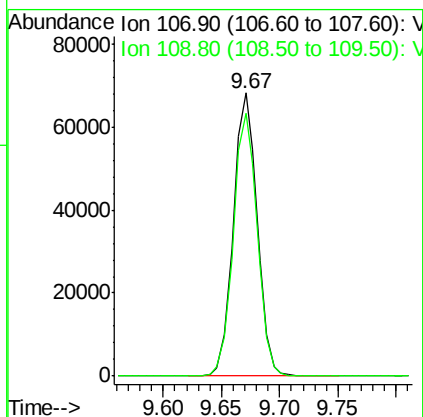
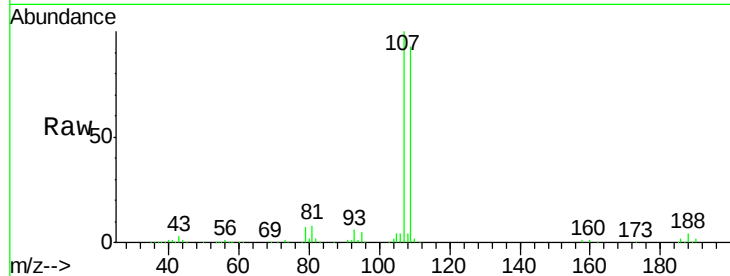




#61
 1,2-Dibromoethane
 Concen: 48.587 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009336.D
 Acq: 04 May 2019 01:36

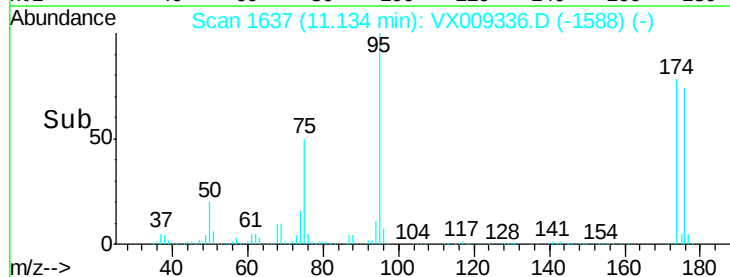
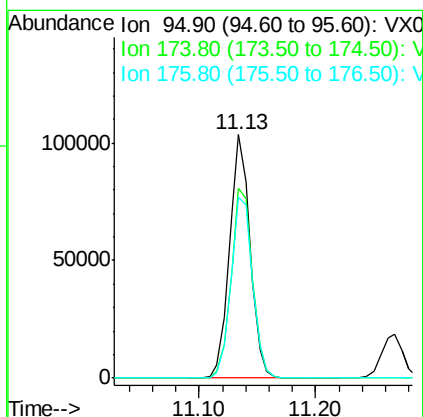
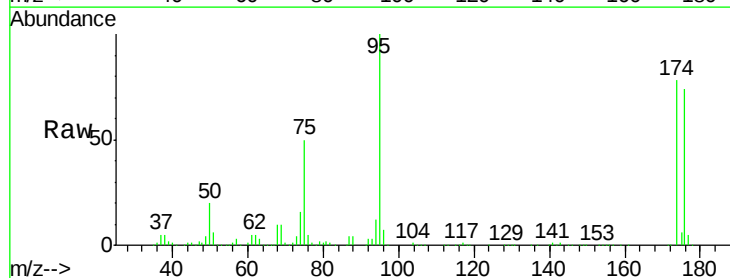
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

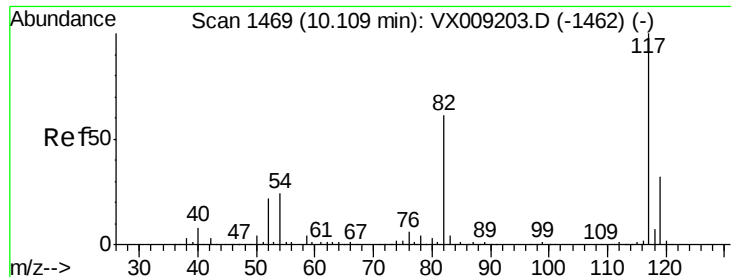
Tot Ion: 107 Resp: 97121
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 49.456 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX009336.D
 Acq: 04 May 2019 01:36

Tgt Ion: 95 Resp: 126625
 Ion Ratio Lower Upper
 95 100
 174 81.4 0.0 161.6
 176 78.5 0.0 159.2

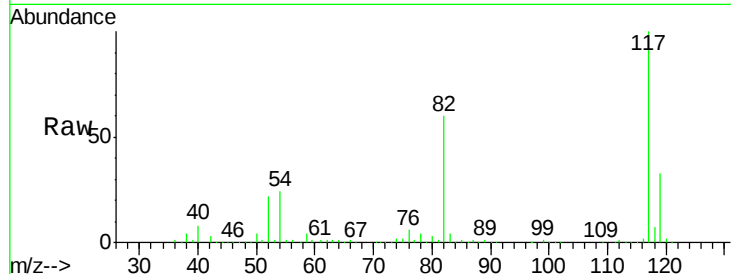




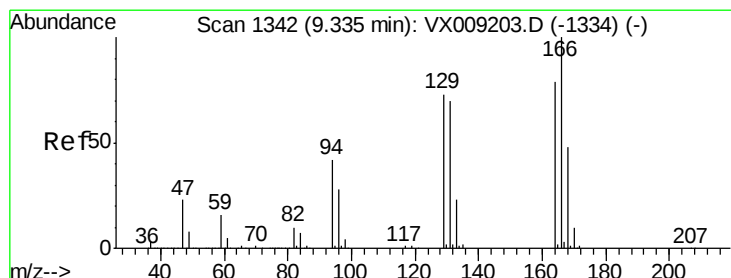
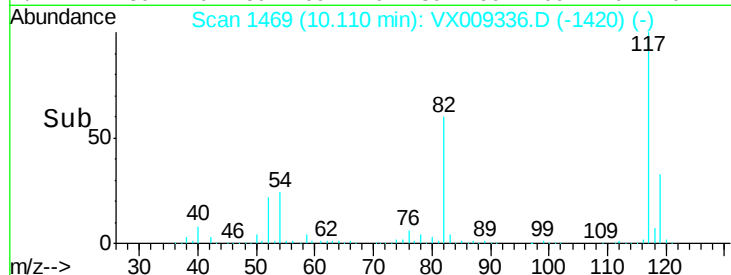
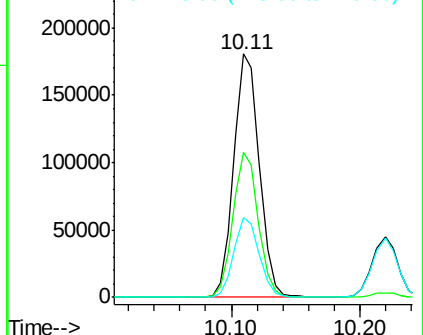
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 251067
Ion Ratio Lower Upper
117 100
82 59.8 48.8 73.2
119 32.6 25.8 38.6



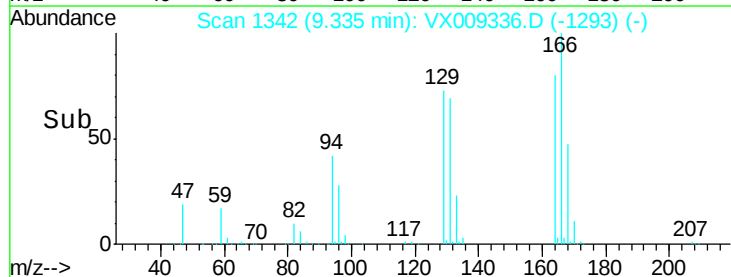
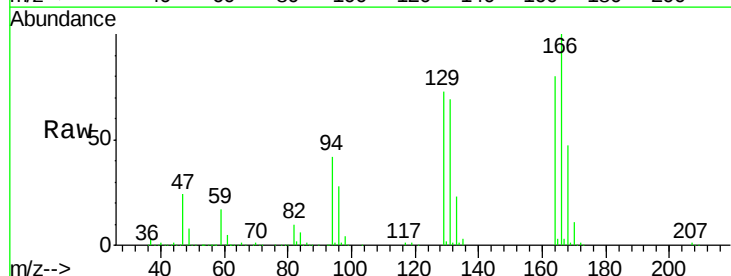
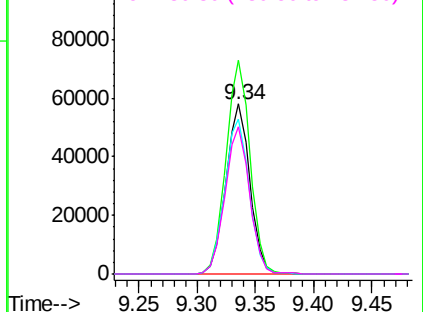
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

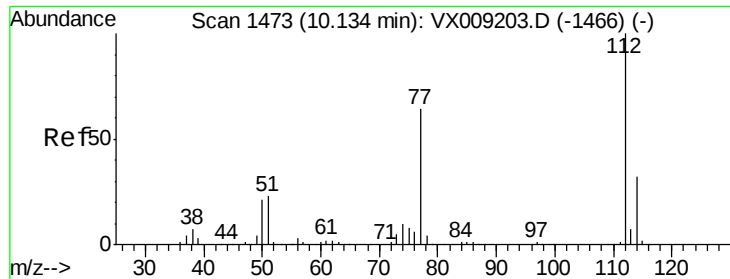


#64
Tetrachloroethene
Concen: 48.208 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Tgt Ion:164 Resp: 83024
Ion Ratio Lower Upper
164 100
166 125.6 101.2 151.8
129 91.4 74.3 111.5
131 86.4 71.0 106.6

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

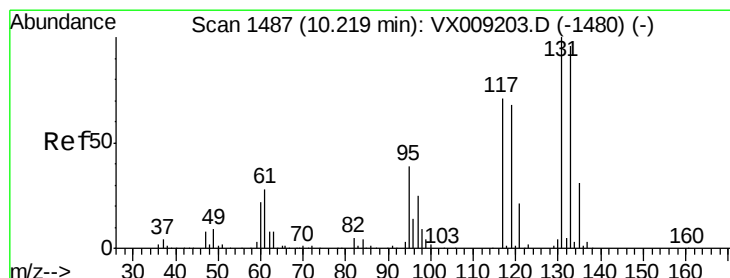
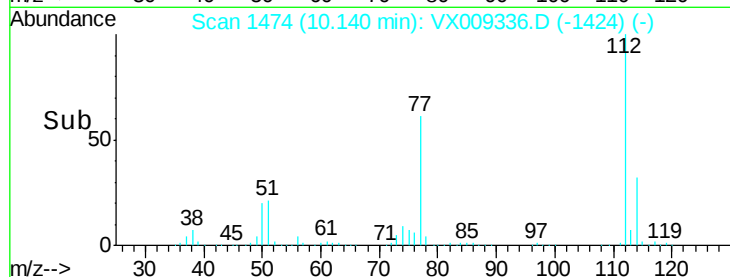
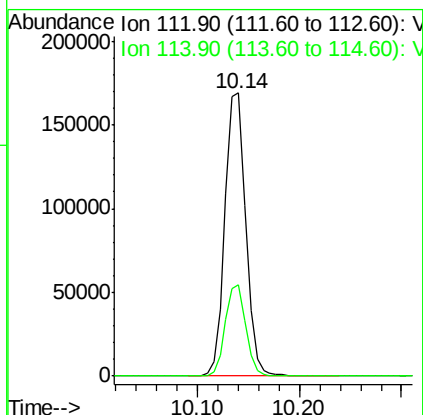
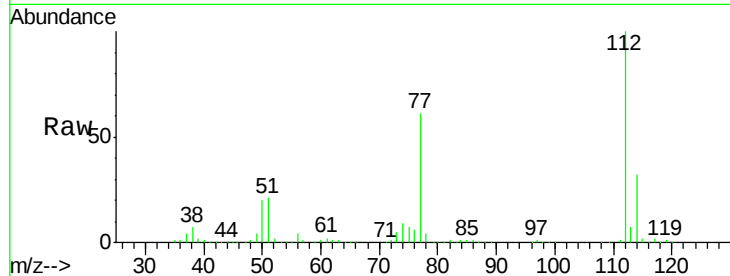




#65
Chlorobenzene
Concen: 47.776 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

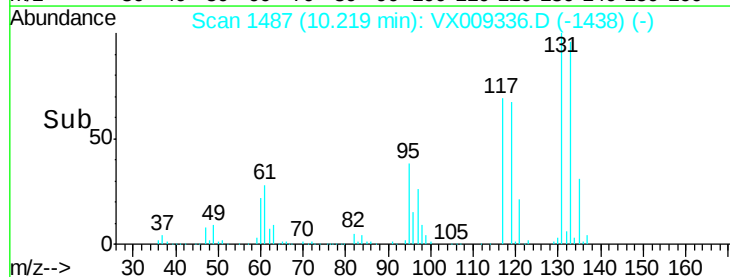
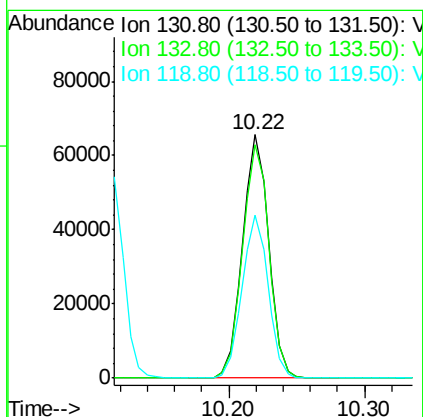
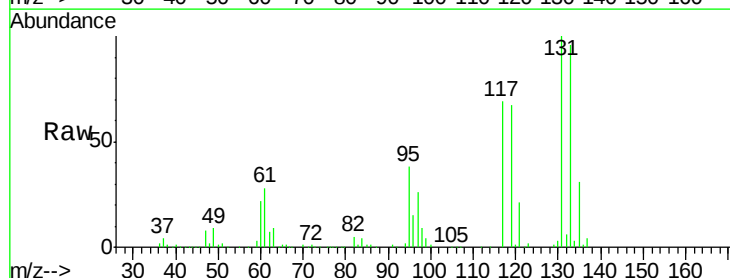
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

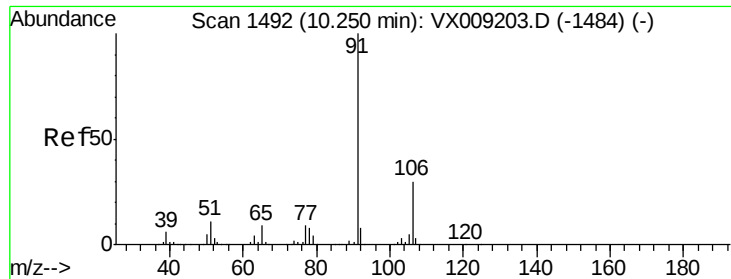
Tot Ion:112 Resp: 239955
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 48.434 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Tgt Ion:131 Resp: 88191
Ion Ratio Lower Upper
131 100
133 97.0 47.7 143.1
119 66.9 33.5 100.4

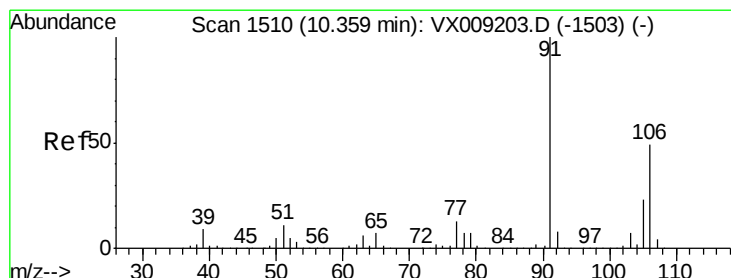
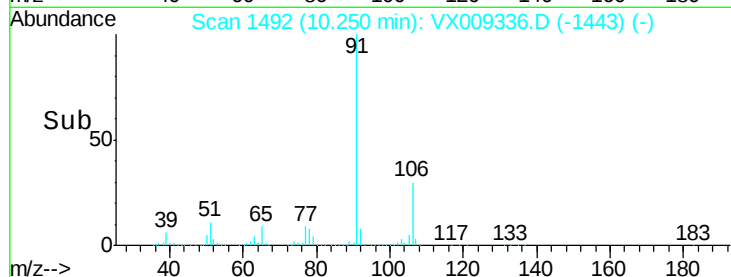
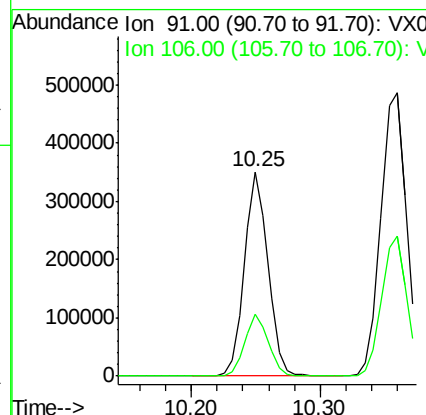
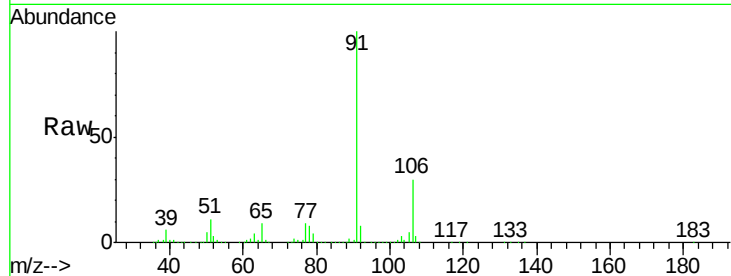




#67
Ethyl Benzene
Concen: 48.009 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

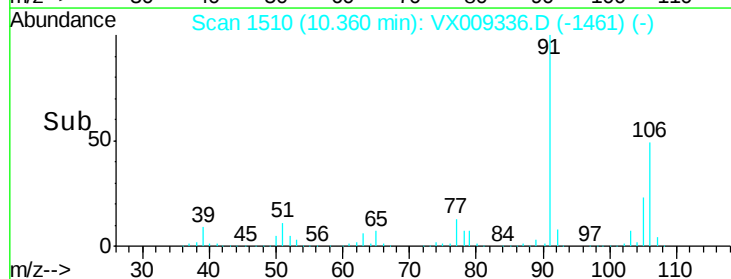
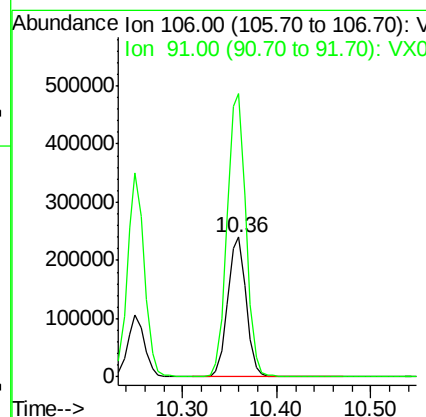
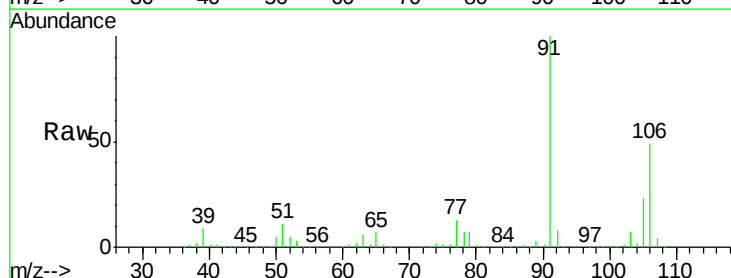
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

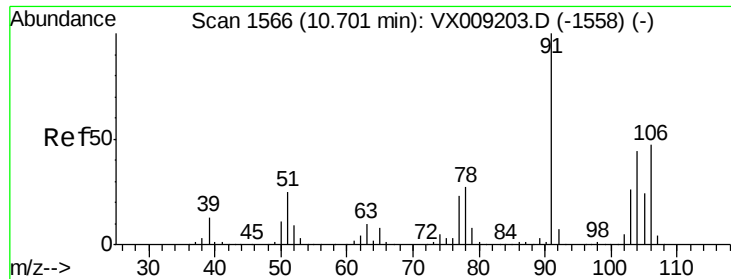
Tot Ion: 91 Resp: 443758
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0



#68
m/p-Xylenes
Concen: 96.241 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Tgt Ion: 106 Resp: 325079
Ion Ratio Lower Upper
106 100
91 206.5 164.0 246.0

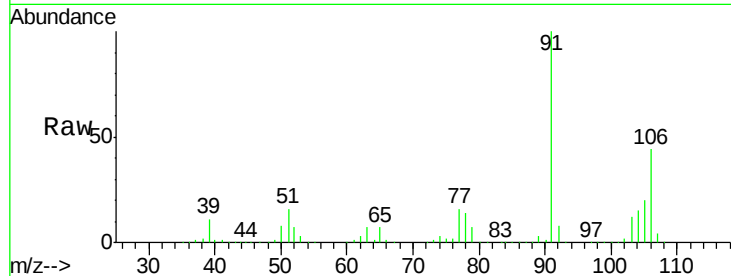




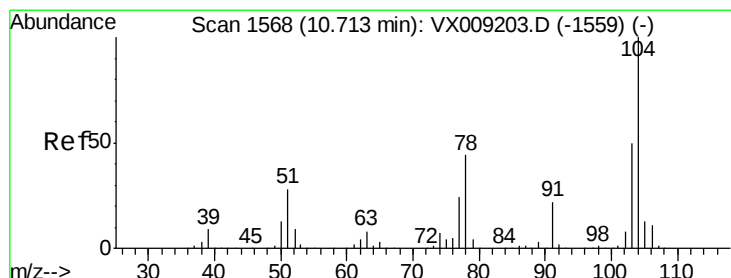
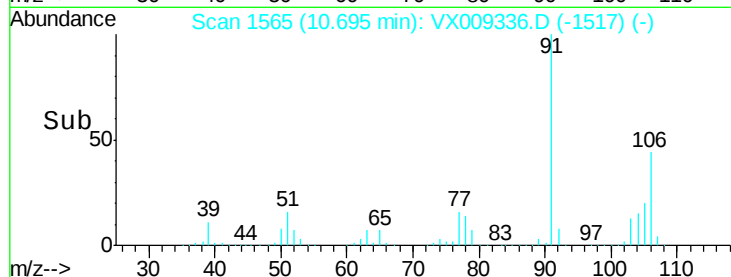
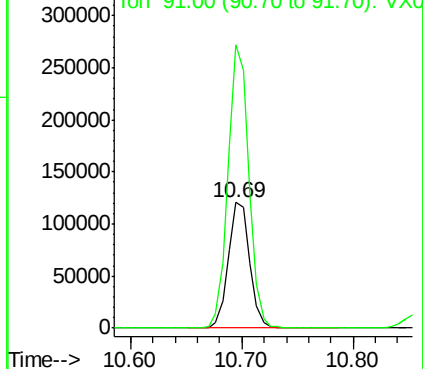
#69
o-Xylene
Concen: 47.936 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 159755
Ion Ratio Lower Upper
106 100
91 219.7 109.5 328.4

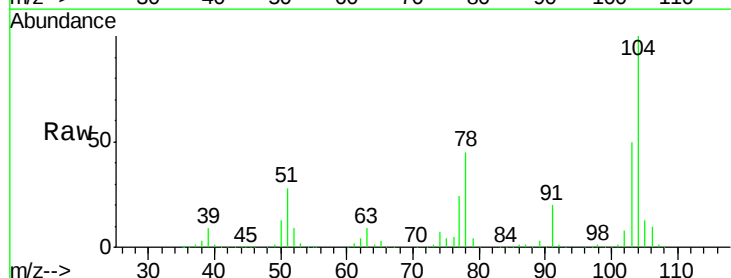


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

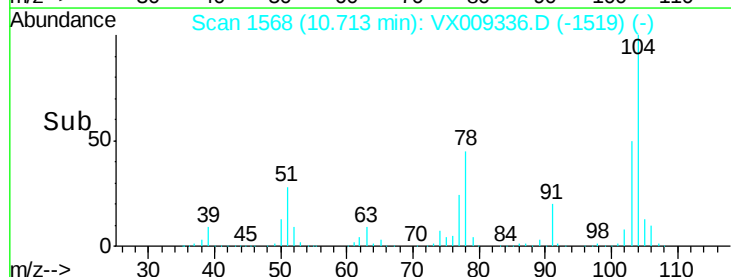
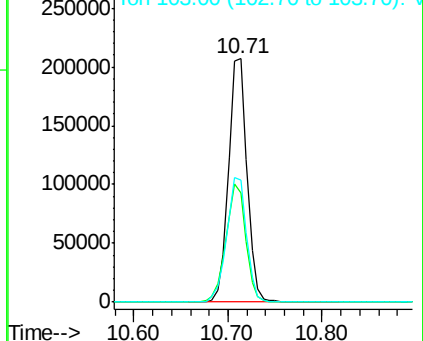


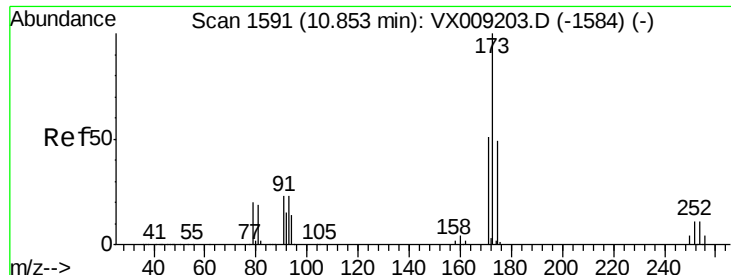
#70
Styrene
Concen: 48.844 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Tgt Ion:104 Resp: 282924
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.4
103 54.9 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.318 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

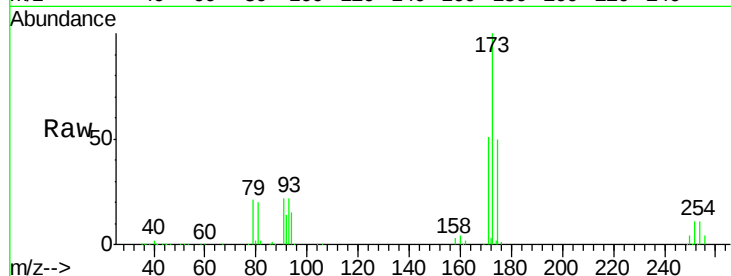
Tot Ion:173 Resp: 72976

Ion Ratio Lower Upper

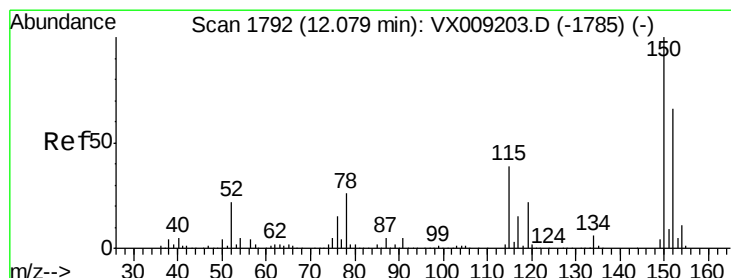
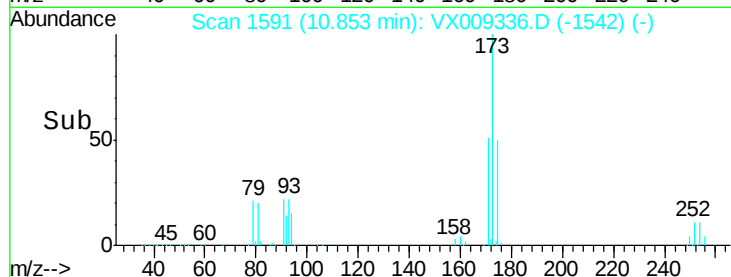
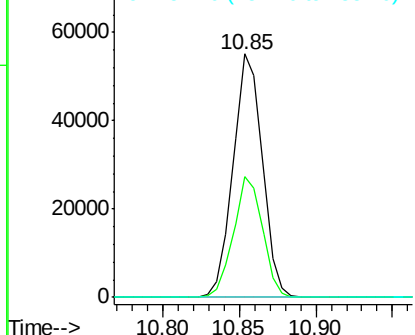
173 100

175 49.3 24.5 73.5

254 0.0 0.1 0.1#



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: VX009336.D

Acq: 04 May 2019 01:36

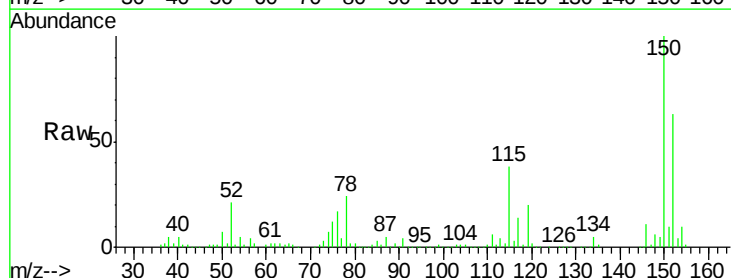
Tgt Ion:152 Resp: 123695

Ion Ratio Lower Upper

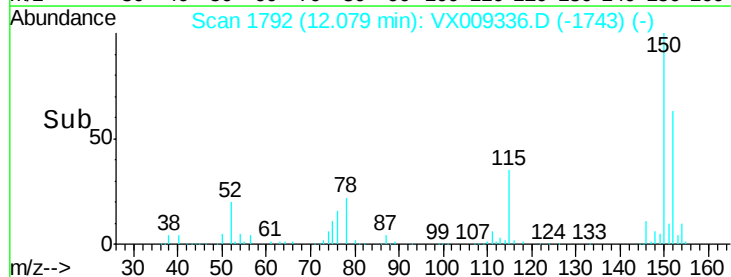
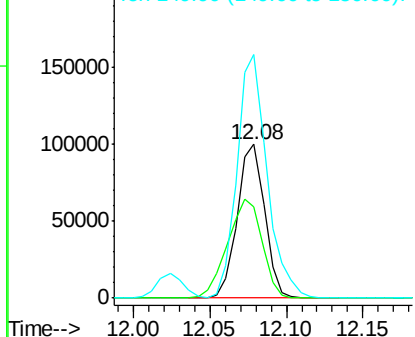
152 100

115 80.7 41.2 123.6

150 173.1 0.0 346.4



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





#73

Isopropylbenzene

Concen: 47.618 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

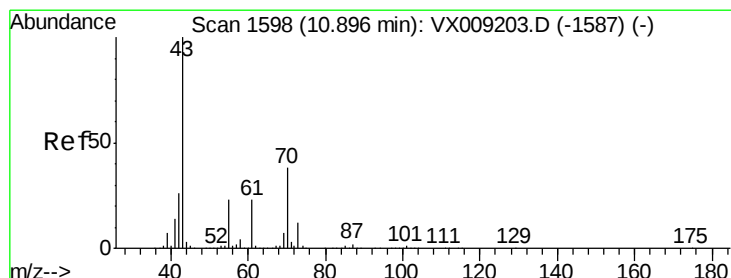
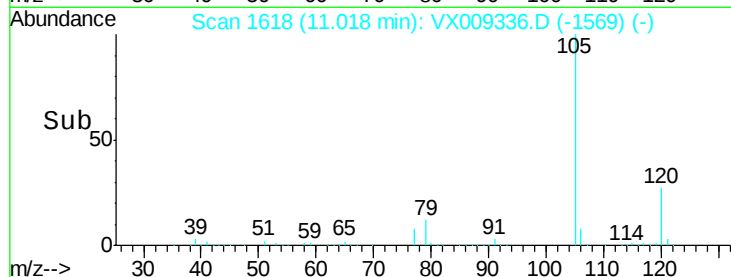
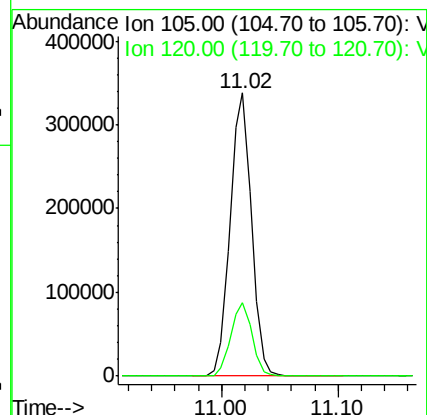
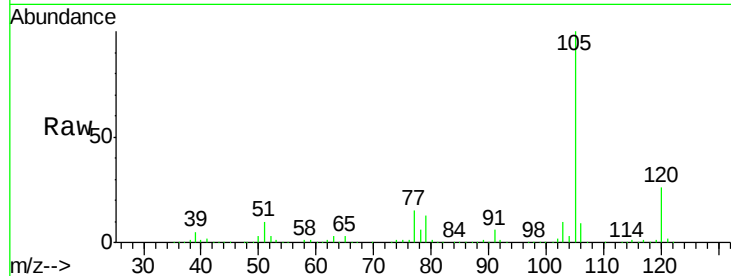
VSTDCCC050EC

Tot Ion:105 Resp: 428324

Ion Ratio Lower Upper

105 100

120 25.9 12.8 38.3



#74

N-ethyl acetate

Concen: 50.559 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Tgt Ion: 43 Resp: 265140

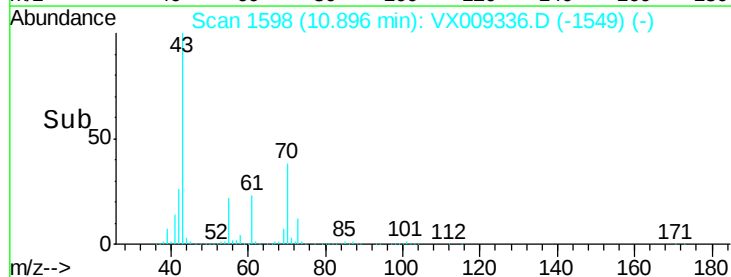
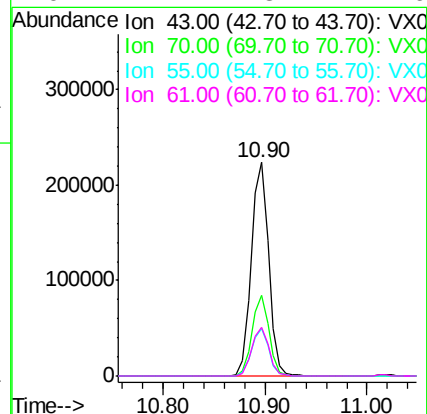
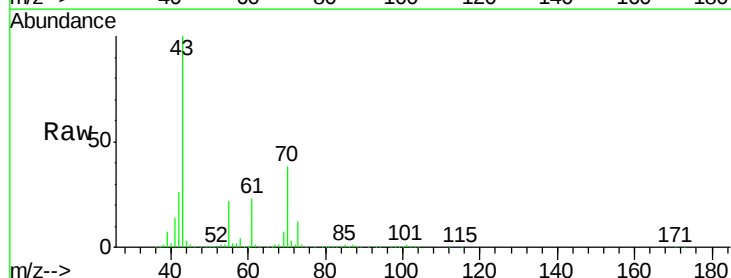
Ion Ratio Lower Upper

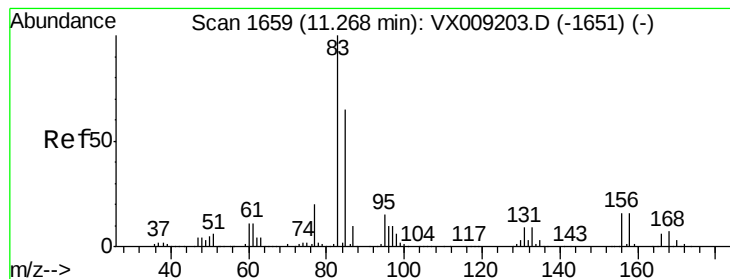
43 100

70 37.1 30.0 45.0

55 22.3 17.9 26.9

61 22.7 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.555 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

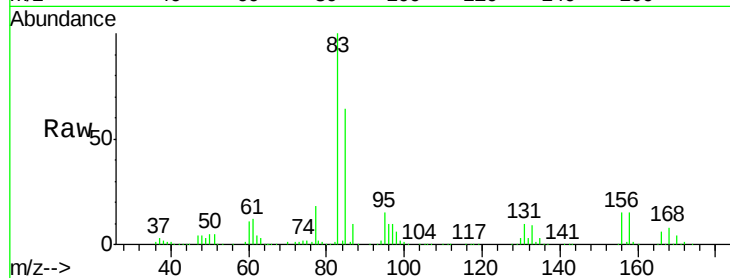
Tot Ion: 83 Resp: 162815

Ion Ratio Lower Upper

83 100

131 9.2 4.6 13.8

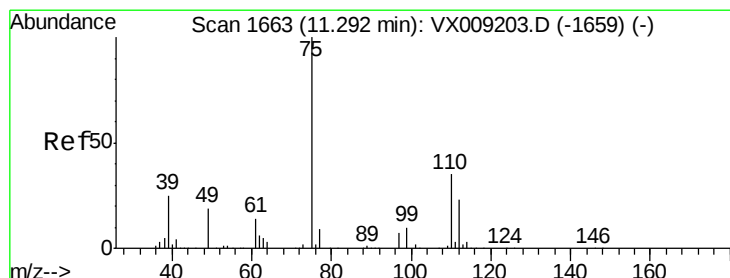
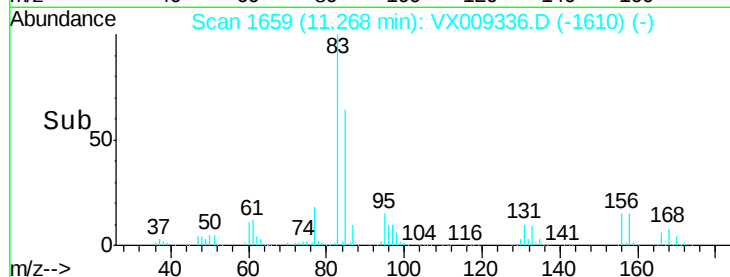
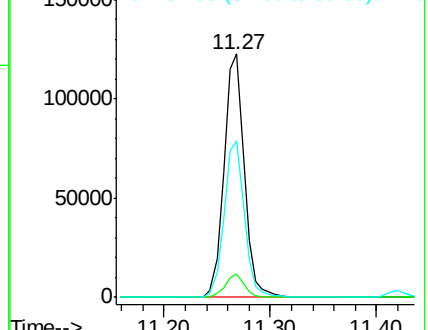
85 64.7 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.212 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009336.D

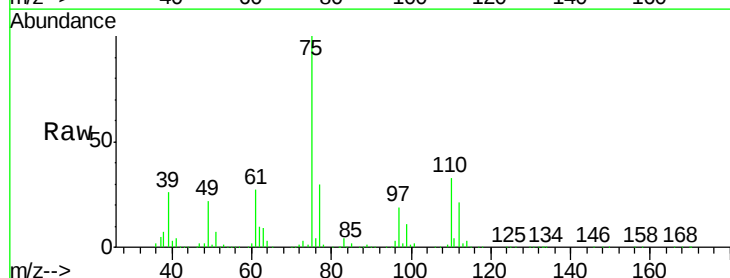
Acq: 04 May 2019 01:36

Tgt Ion: 75 Resp: 187111

Ion Ratio Lower Upper

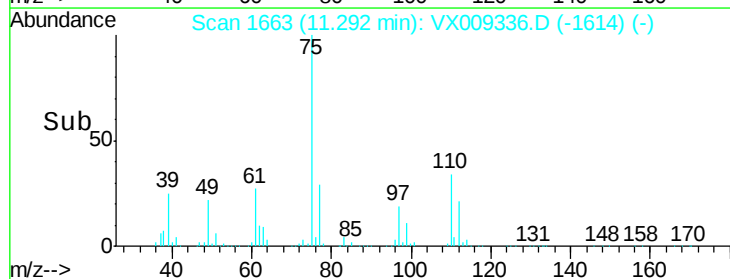
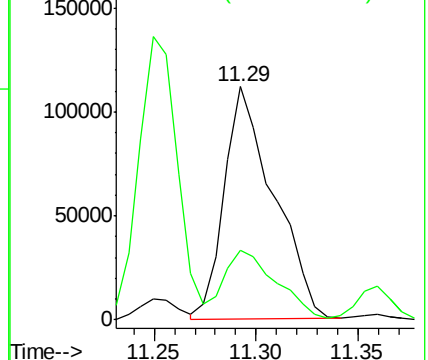
75 100

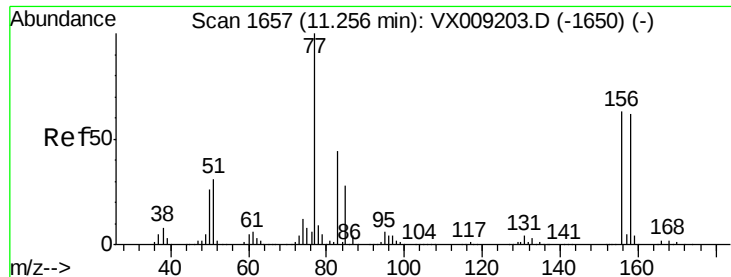
77 32.2 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.765 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

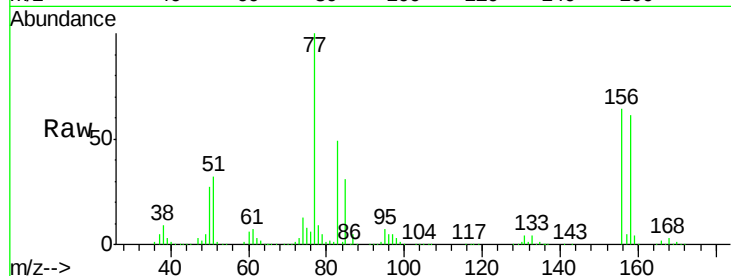
Tot Ion:156 Resp: 106640

Ion Ratio Lower Upper

156 100

77 168.5 84.8 254.3

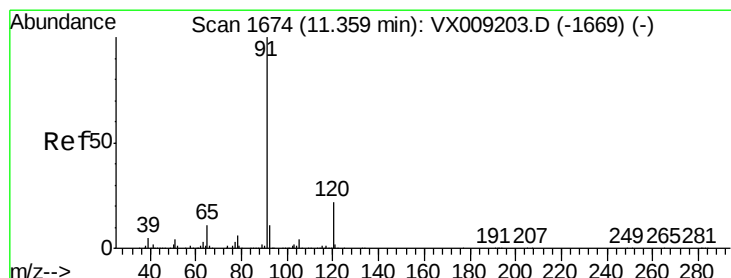
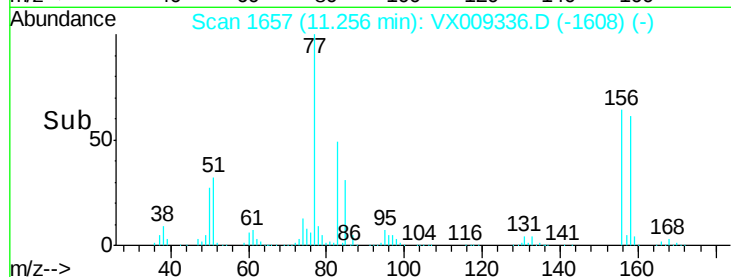
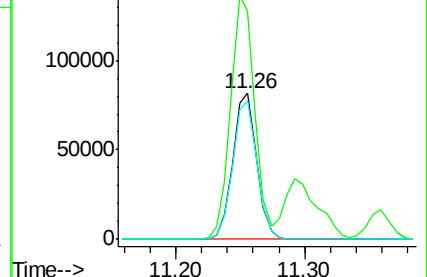
158 96.2 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.543 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009336.D

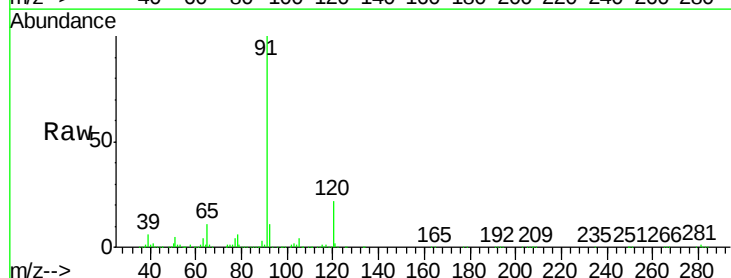
Acq: 04 May 2019 01:36

Tgt Ion: 91 Resp: 488398

Ion Ratio Lower Upper

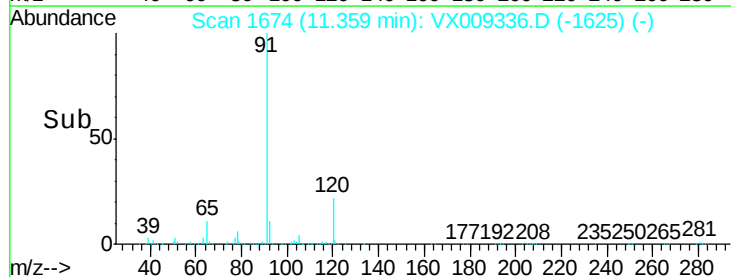
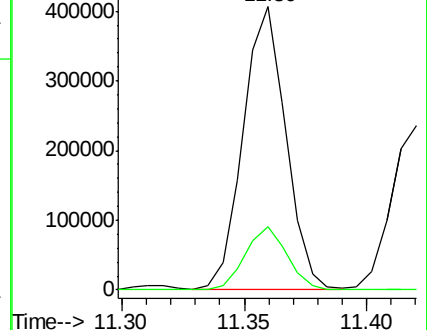
91 100

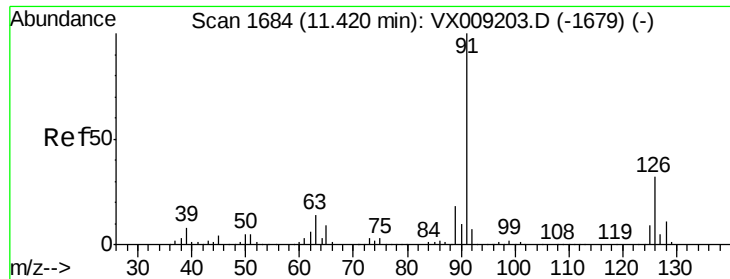
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

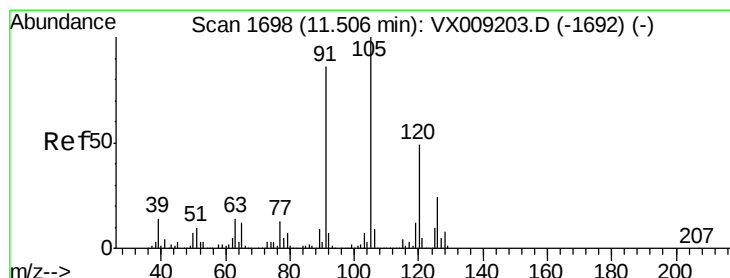
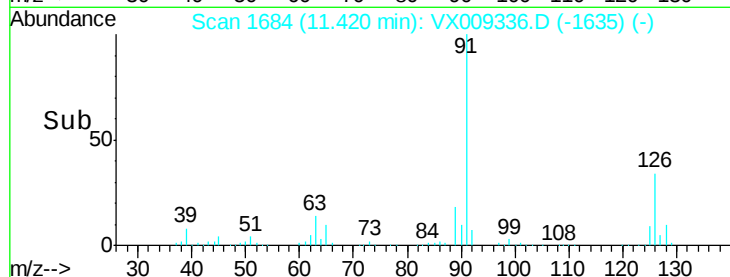
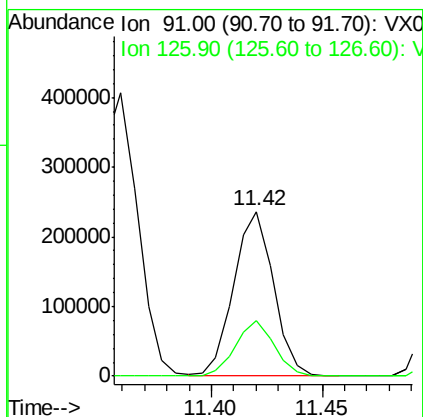
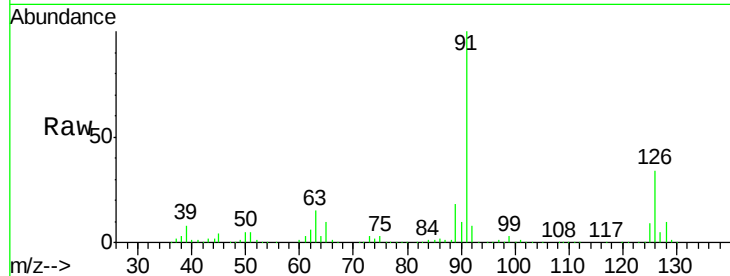




#79
2-Chlorotoluene
Concen: 46.432 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

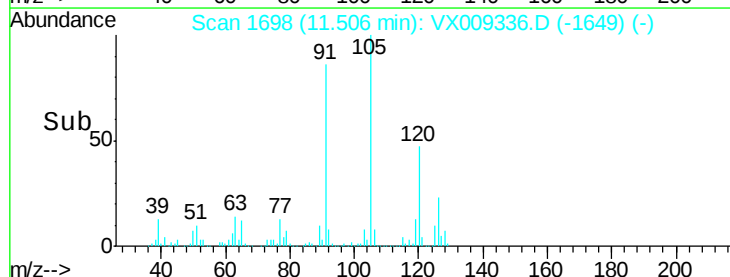
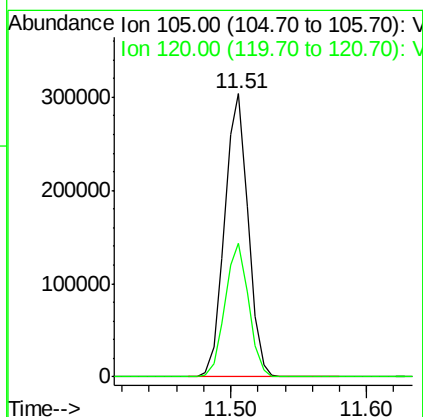
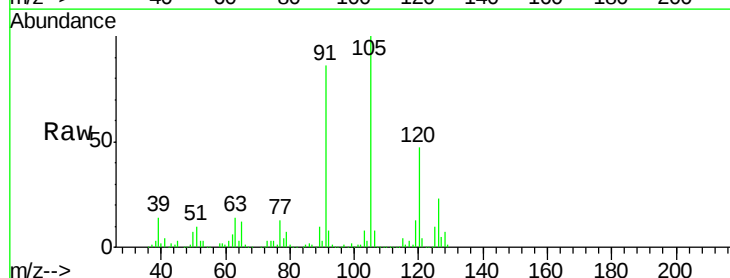
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

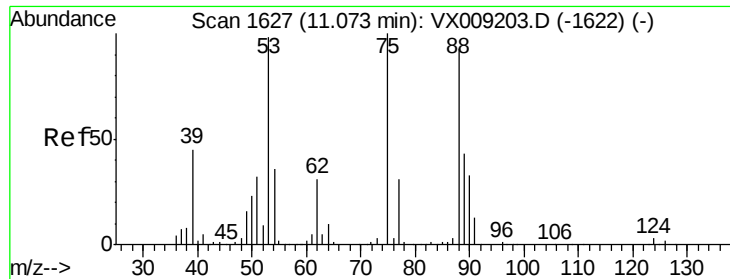
Tot Ion: 91 Resp: 294273
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 47.908 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Tgt Ion:105 Resp: 362842
Ion Ratio Lower Upper
105 100
120 47.5 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 45.586 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

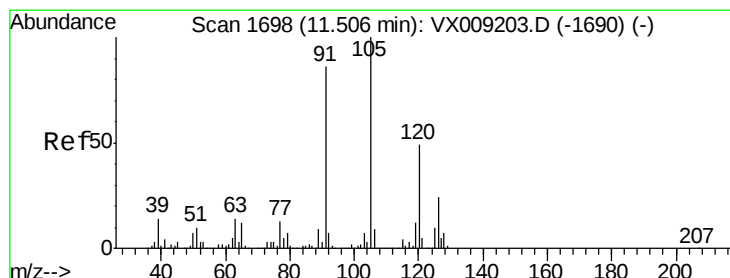
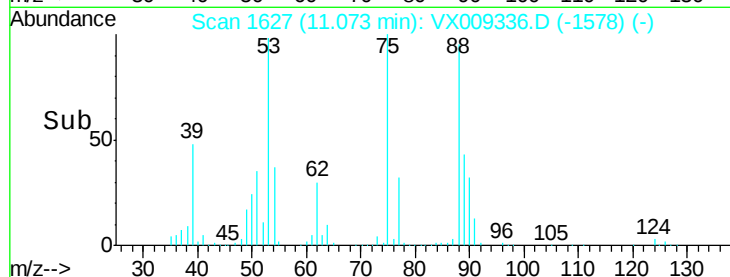
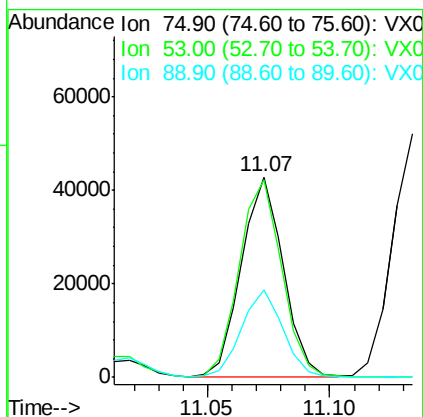
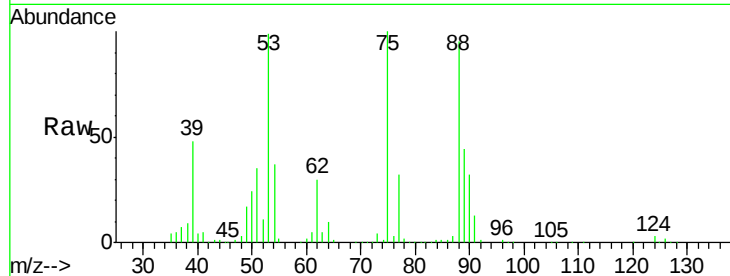
Tot Ion: 75 Resp: 51120

Ion Ratio Lower Upper

75 100

53 99.9 79.0 118.6

89 43.4 34.7 52.1



#82

4-Chlorotoluene

Concen: 47.186 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009336.D

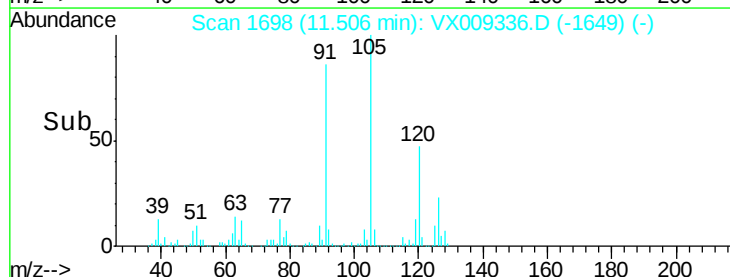
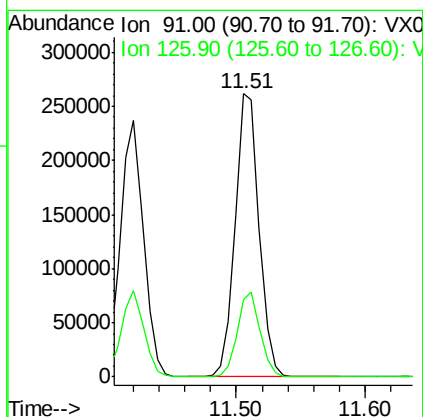
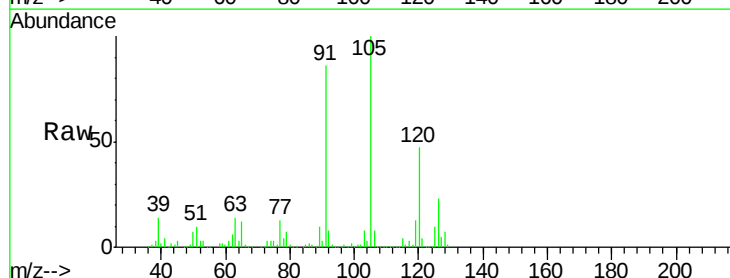
Acq: 04 May 2019 01:36

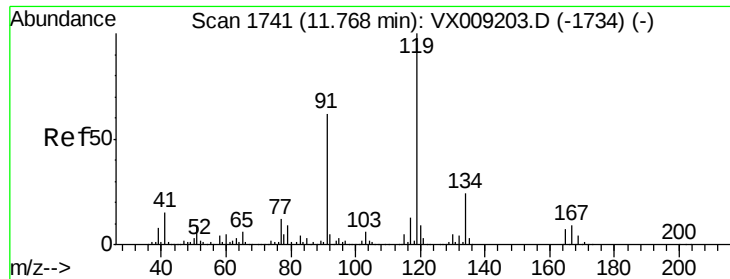
Tgt Ion: 91 Resp: 337847

Ion Ratio Lower Upper

91 100

126 28.5 14.5 43.6

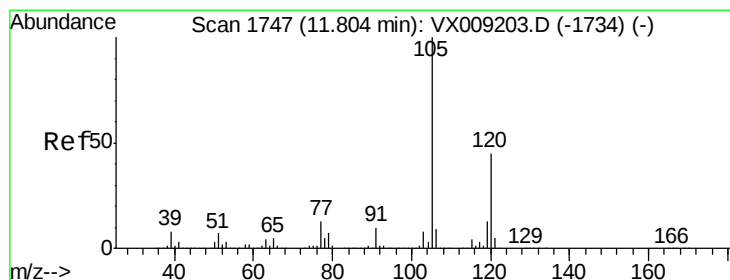
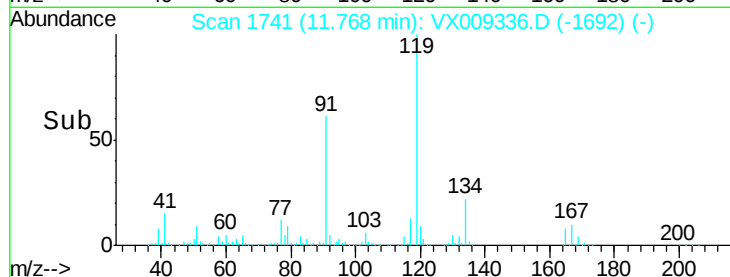
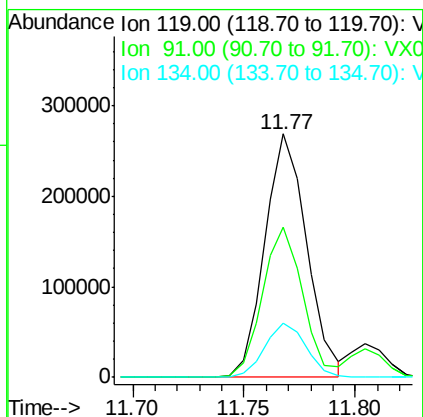
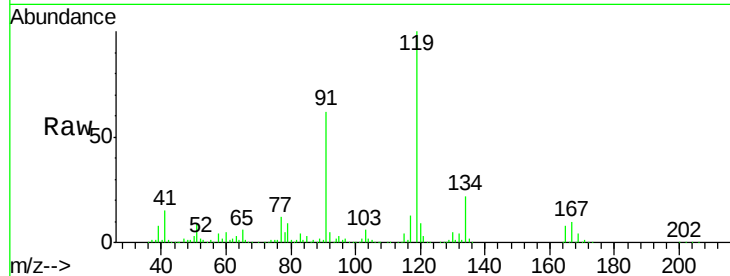




#83
tert-Butylbenzene
Concen: 47.745 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

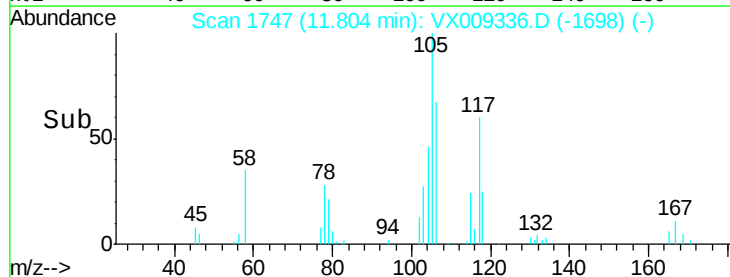
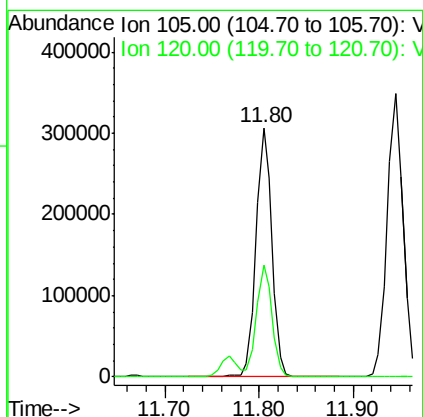
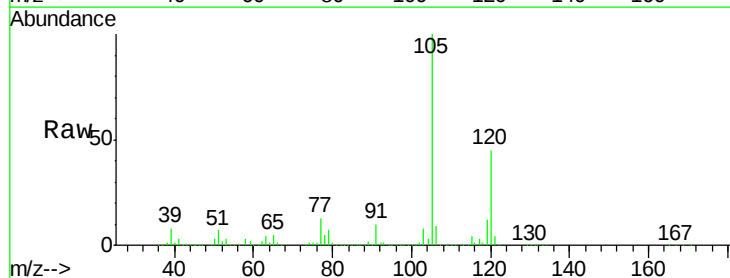
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

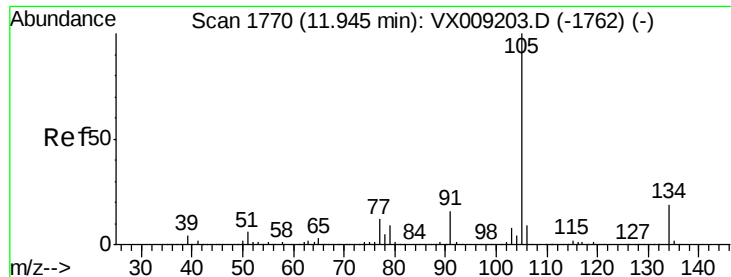
Tot Ion:119 Resp: 351772
Ion Ratio Lower Upper
119 100
91 59.5 29.5 88.5
134 22.0 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 48.257 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Tgt Ion:105 Resp: 366859
Ion Ratio Lower Upper
105 100
120 43.6 22.0 66.0





#85

sec-Butylbenzene

Concen: 47.101 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

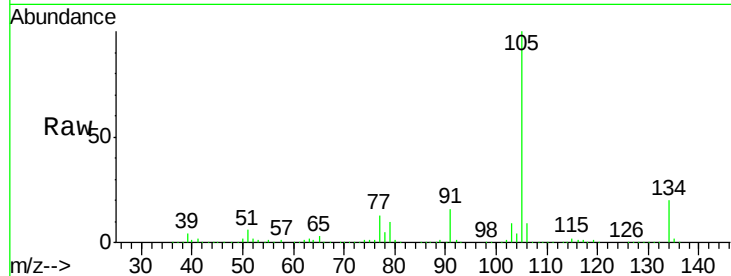
VSTDCCC050EC

Tot Ion:105 Resp: 411430

Ion Ratio Lower Upper

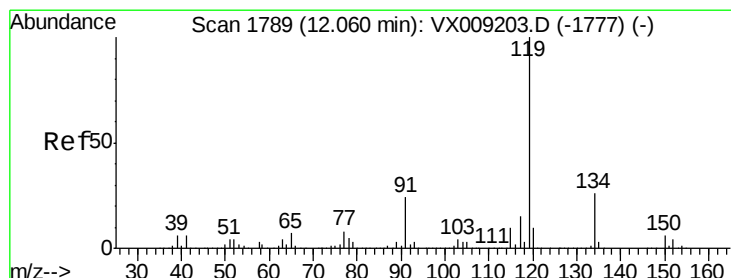
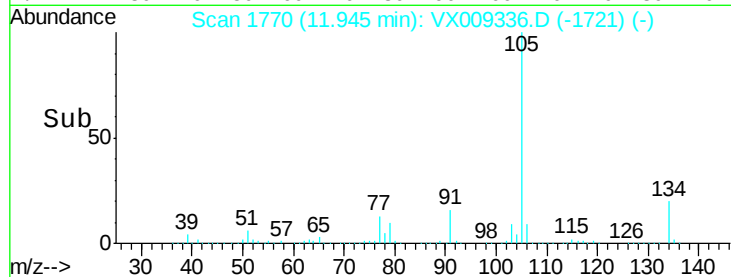
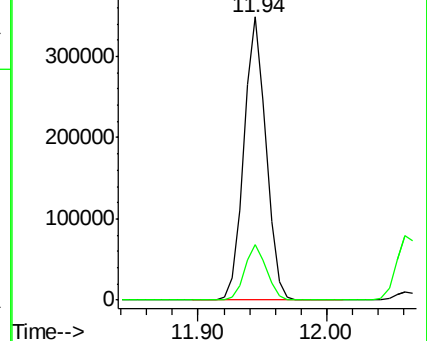
105 100

134 19.5 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.866 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

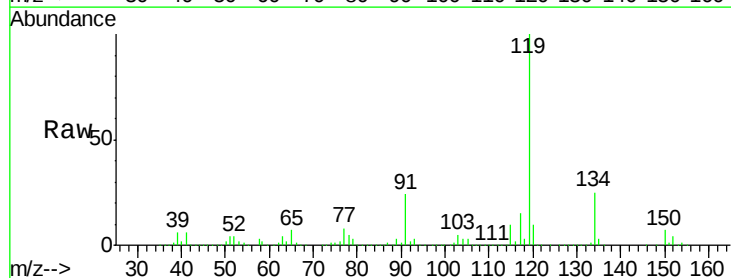
Tgt Ion:119 Resp: 375876

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

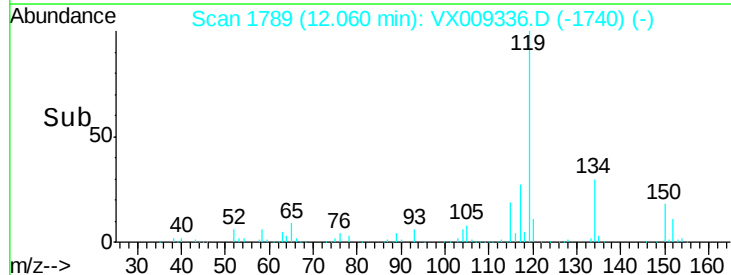
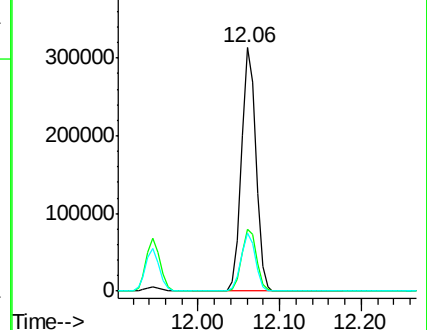
91 23.8 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 47.405 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

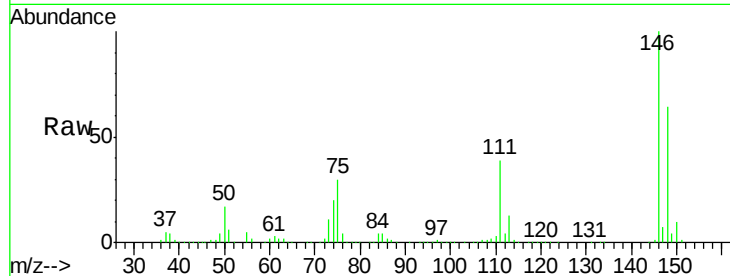
Tot Ion:146 Resp: 188672

Ion Ratio Lower Upper

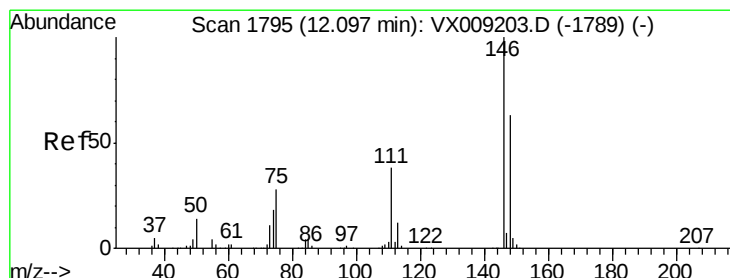
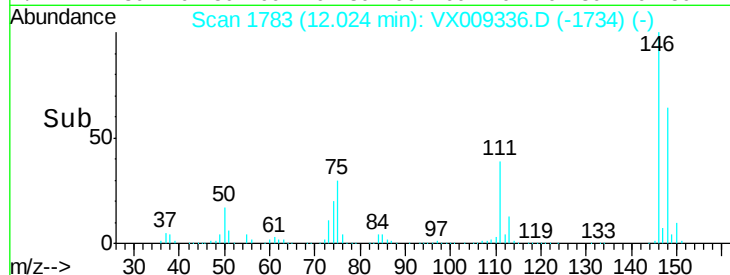
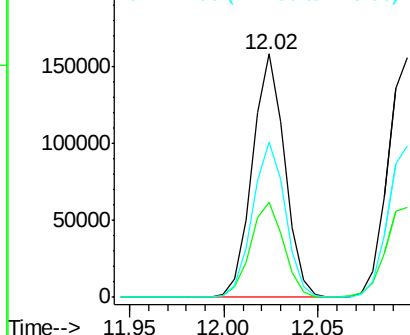
146 100

111 40.1 20.0 59.9

148 64.5 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 47.125 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

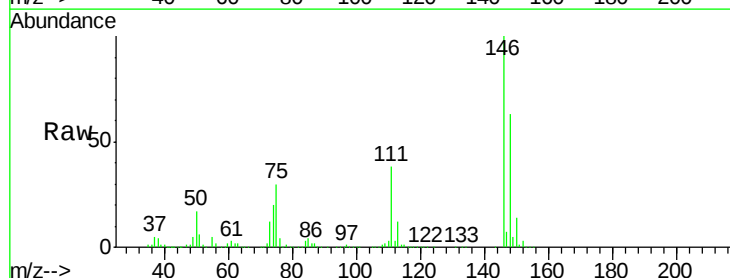
Tgt Ion:146 Resp: 189090

Ion Ratio Lower Upper

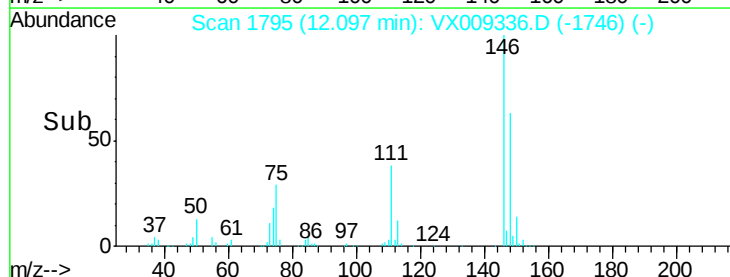
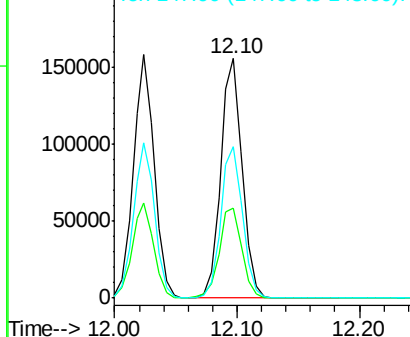
146 100

111 39.7 19.6 58.8

148 63.8 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

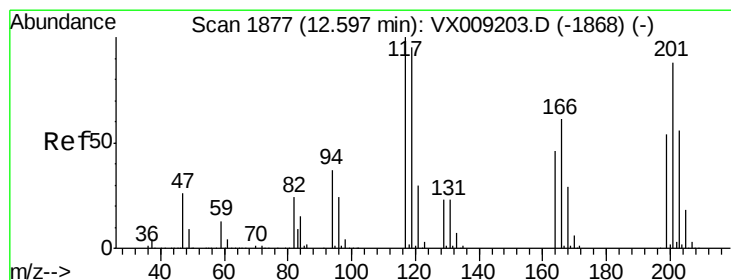
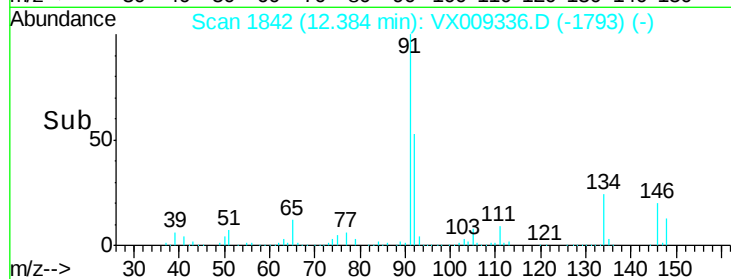
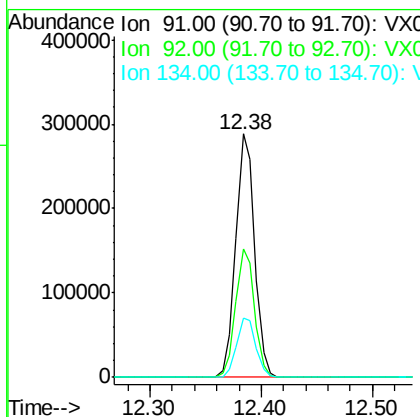
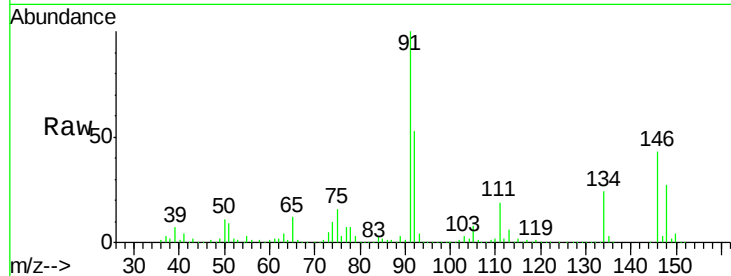




#89
n-Butylbenzene
Concen: 47.473 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

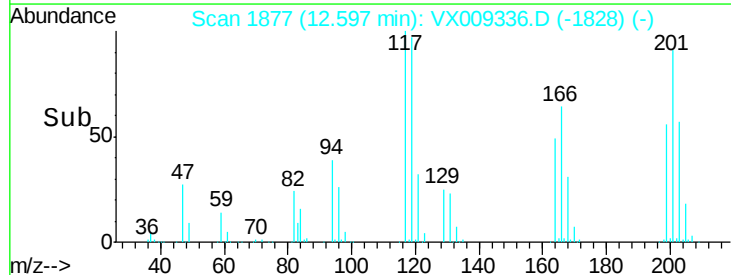
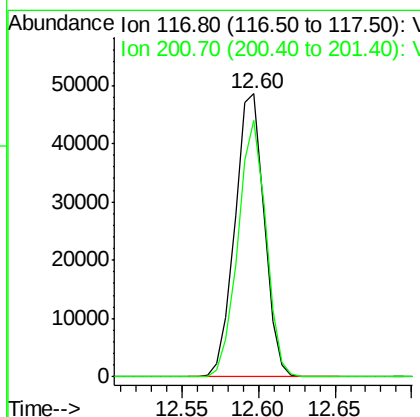
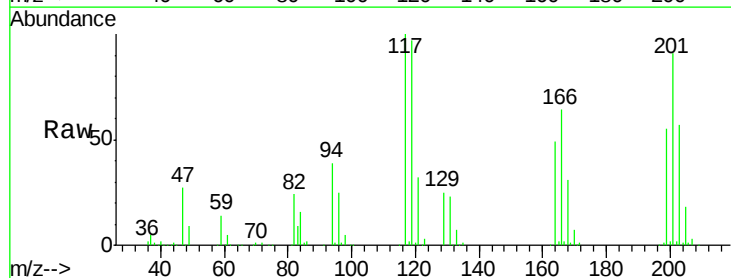
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

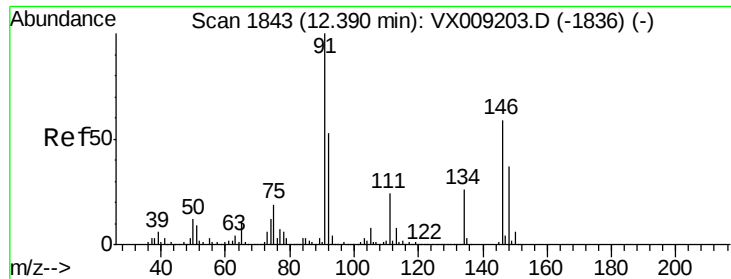
Tot Ion: 91 Resp: 336943
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 24.8 12.4 37.2



#90
Hexachloroethane
Concen: 48.108 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009336.D
Acq: 04 May 2019 01:36

Tgt Ion: 117 Resp: 64361
Ion Ratio Lower Upper
117 100
201 86.4 42.3 126.9

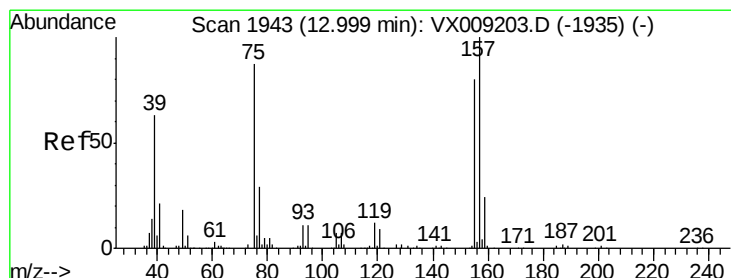
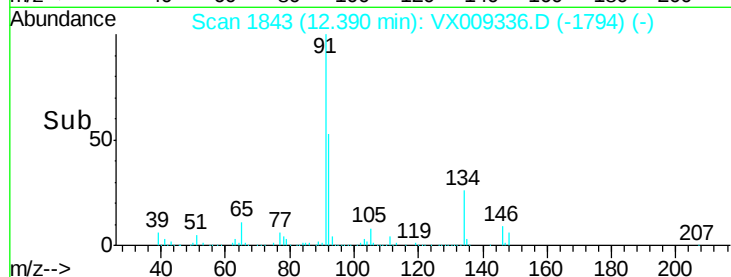
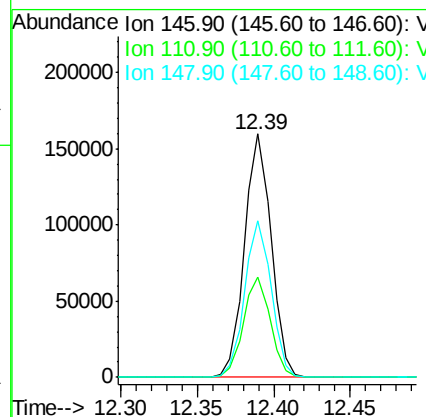
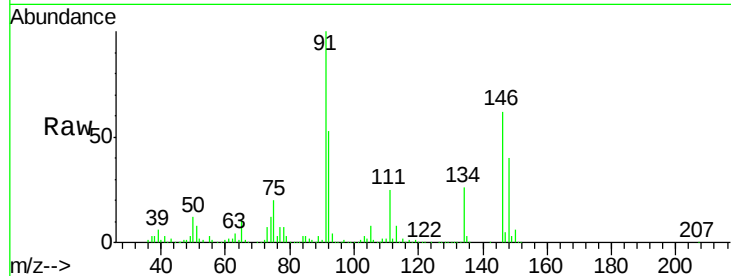




#91
 1,2-Dichlorobenzene
 Concen: 47.747 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009336.D
 Acq: 04 May 2019 01:36

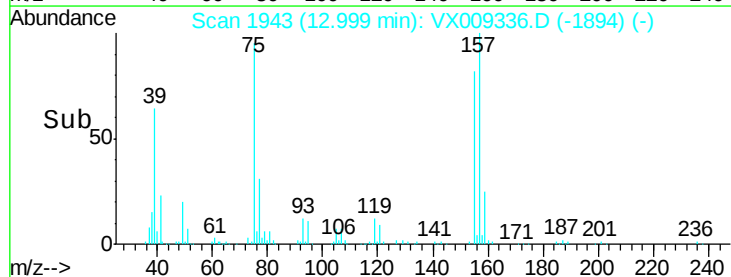
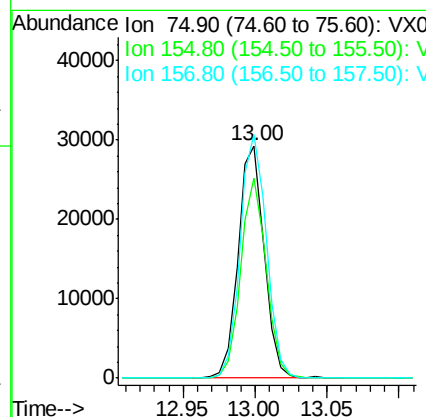
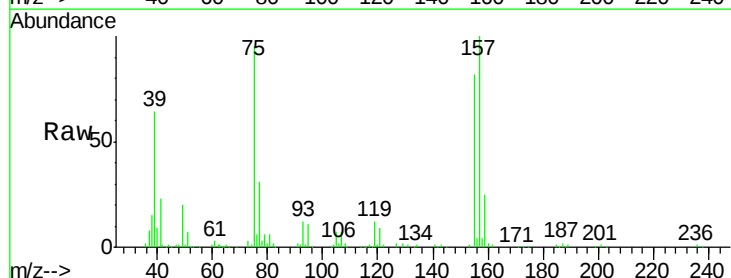
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 193555
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.4
 148 64.2 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.068 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009336.D
 Acq: 04 May 2019 01:36

Tgt Ion: 75 Resp: 36910
 Ion Ratio Lower Upper
 75 100
 155 83.5 42.0 126.0
 157 106.0 53.2 159.6

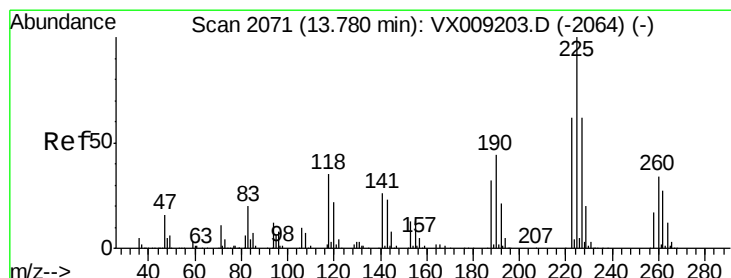
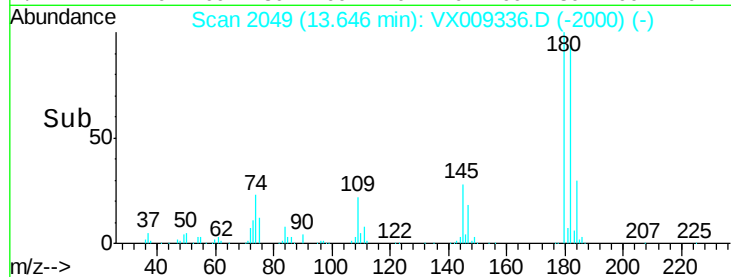
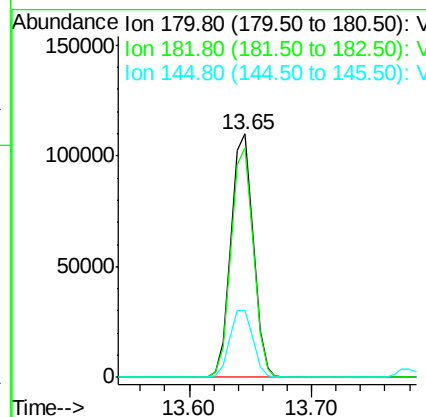
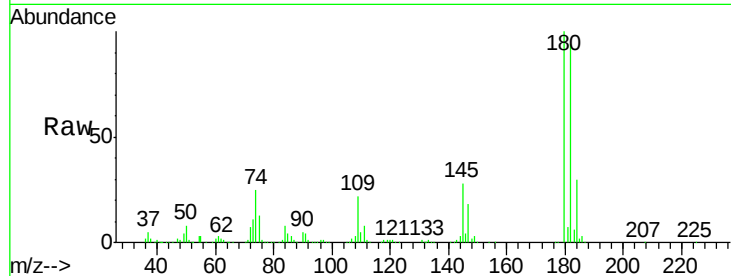




#93
 1,2,4-Trichlorobenzene
 Concen: 49.725 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009336.D
 Acq: 04 May 2019 01:36

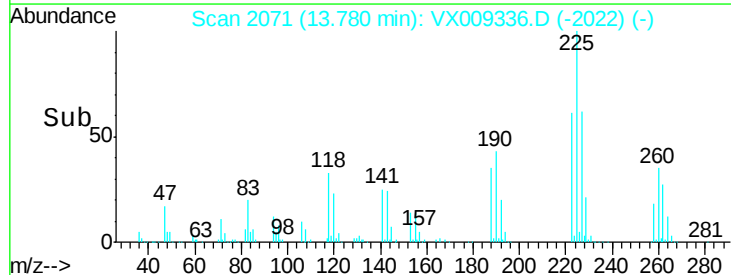
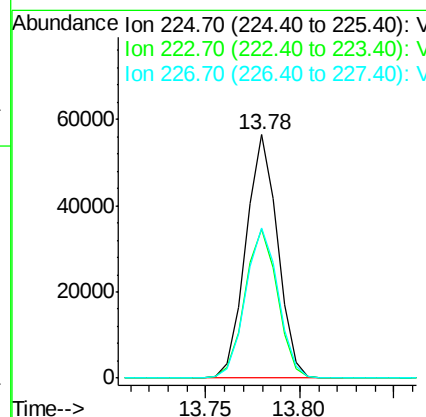
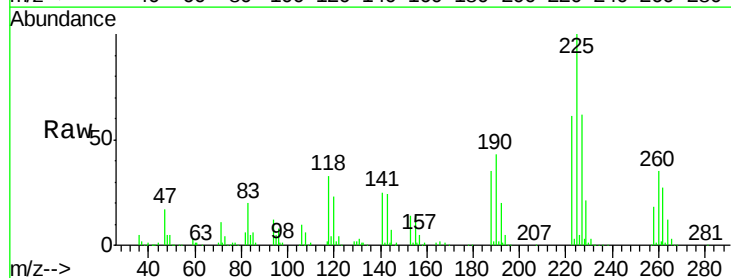
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

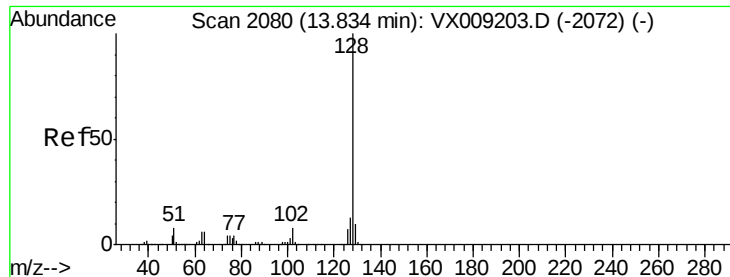
Tot Ion:180 Resp: 137843
 Ion Ratio Lower Upper
 180 100
 182 94.1 48.4 145.2
 145 28.9 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 46.620 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009336.D
 Acq: 04 May 2019 01:36

Tgt Ion:225 Resp: 65996
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.3 93.8
 227 63.3 31.8 95.3





#95

Naphthalene

Concen: 50.329 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

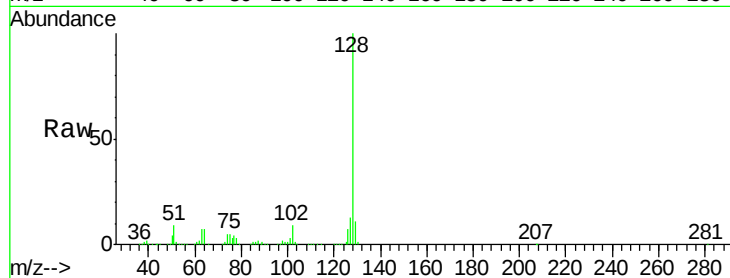
Tot Ion:128 Resp: 453910

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

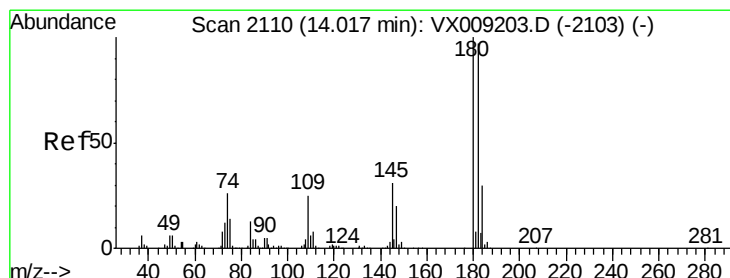
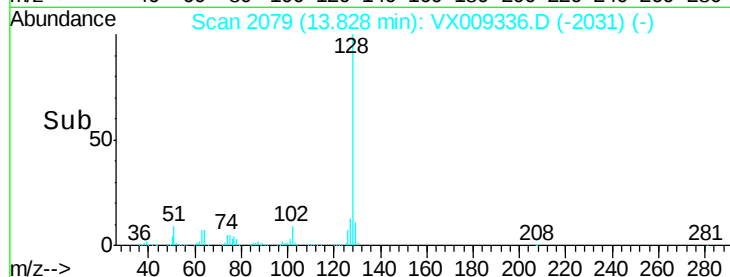
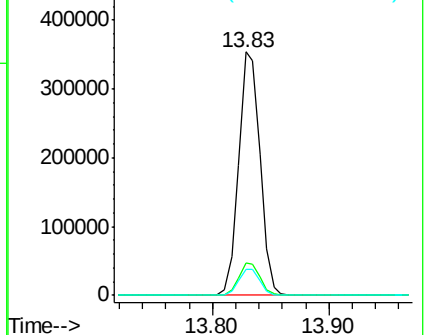
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.811 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009336.D

Acq: 04 May 2019 01:36

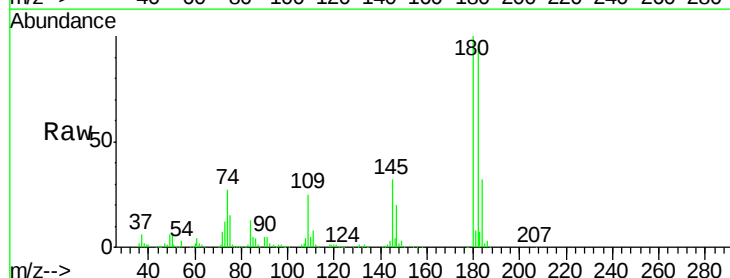
Tgt Ion:180 Resp: 137159

Ion Ratio Lower Upper

180 100

182 96.0 47.8 143.4

145 30.7 15.4 46.4



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

