

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX042919\
 Data File : VX009231.D
 Acq On : 30 Apr 2019 00:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 30 07:24:44 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	183109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	305559	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	274625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134148	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	131472	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
35) Dibromofluoromethane	5.50	113	97478	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	8.71	98	392412	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	11.13	95	141811	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	85196	50.490	ug/l	99
3) Chloromethane	1.32	50	113851	49.421	ug/l	100
4) Vinyl Chloride	1.40	62	114501	50.971	ug/l	98
5) Bromomethane	1.64	94	69604	51.623	ug/l	98
6) Chloroethane	1.71	64	72496	50.265	ug/l	99
7) Trichlorofluoromethane	1.92	101	138910	50.871	ug/l	100
8) Diethyl Ether	2.18	74	64682	50.008	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	85096	49.626	ug/l	99
10) Methyl Iodide	2.51	142	96108	48.400	ug/l	99
11) Tert butyl alcohol	3.05	59	145042	250.674	ug/l	99
12) 1,1-Dichloroethene	2.37	96	89351	52.006	ug/l	95
13) Acrolein	2.29	56	124697	237.968	ug/l	100
14) Allyl chloride	2.73	41	207008	49.441	ug/l	100
15) Acrylonitrile	3.14	53	357823	252.924	ug/l	99
16) Acetone	2.44	43	300091	223.579	ug/l	98
17) Carbon Disulfide	2.57	76	245796	50.956	ug/l	99
18) Methyl Acetate	2.77	43	159224	49.881	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	343946	51.552	ug/l	99
20) Methylene Chloride	2.85	84	105407	48.502	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	94779	50.867	ug/l	100
22) Diisopropyl ether	3.85	45	413282	51.326	ug/l	98
23) Vinyl Acetate	3.81	43	1824975	264.677	ug/l	100
24) 1,1-Dichloroethane	3.70	63	200848	50.564	ug/l	100
25) 2-Butanone	4.67	43	522572	250.542	ug/l	99
26) 2,2-Dichloropropane	4.58	77	118117	39.950	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	113422	50.998	ug/l	97
28) Bromochloromethane	5.01	49	89311	56.194	ug/l	100
29) Tetrahydrofuran	5.13	42	351626	261.981	ug/l	100
30) Chloroform	5.21	83	183466	51.068	ug/l	100
31) Cyclohexane	5.58	56	189195	51.195	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	153710	51.397	ug/l	99
36) 1,1-Dichloropropene	5.80	75	139398	49.091	ug/l	100
37) Ethyl Acetate	4.83	43	201139	50.839	ug/l	100
38) Carbon Tetrachloride	5.79	117	126824	49.157	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165736	47.526	ug/l	98
40) Benzene	6.14	78	433775	49.359	ug/l	100
41) Methacrylonitrile	5.04	41	115989	49.250	ug/l	99
42) 1,2-Dichloroethane	6.19	62	156061	49.505	ug/l	100
43) Isopropyl Acetate	6.45	43	318670	50.355	ug/l	100
44) Trichloroethene	7.21	130	101769	47.902	ug/l	97
45) 1,2-Dichloropropane	7.51	63	124039	49.846	ug/l	99
46) Dibromomethane	7.66	93	69789	48.295	ug/l	99
47) Bromodichloromethane	7.90	83	143164	49.667	ug/l	98
48) Methyl methacrylate	7.77	41	159100	50.673	ug/l	100
49) 1,4-Dioxane	7.74	88	58966	926.076	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1031466	249.361	ug/l	100
52) Toluene	8.79	92	262880	49.210	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	160748	49.395	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	177219	49.199	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	106739	48.976	ug/l	95
56) Ethyl methacrylate	9.18	69	198290	50.970	ug/l	100
57) 1,3-Dichloropropane	9.37	76	189566	49.428	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	533428	258.467	ug/l	100
59) 2-Hexanone	9.49	43	806149	248.145	ug/l	99
60) Dibromochloromethane	9.58	129	107927	50.704	ug/l	100
61) 1,2-Dibromoethane	9.67	107	109158	49.618	ug/l	99
64) Tetrachloroethene	9.34	164	92630	49.172	ug/l	99
65) Chlorobenzene	10.13	112	268866	48.940	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	98905	49.658	ug/l	100
67) Ethyl Benzene	10.25	91	503180	49.768	ug/l	100
68) m/p-Xylenes	10.36	106	364053	98.533	ug/l	98
69) o-Xylene	10.69	106	179965	49.368	ug/l	100
70) Styrene	10.71	104	316329	49.926	ug/l	99
71) Bromoform	10.85	173	80666	49.838	ug/l #	100
73) Isopropylbenzene	11.02	105	475343	48.728	ug/l	99
74) N-amyl acetate	10.90	43	293224	51.558	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	179144	49.262	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	207220	66.593	ug/l	81
77) Bromobenzene	11.26	156	118634	48.997	ug/l	99
78) n-propylbenzene	11.36	91	546676	49.070	ug/l	100
79) 2-Chlorotoluene	11.42	91	330972	48.153	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	401314	48.858	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	57044	46.905	ug/l	100
82) 4-Chlorotoluene	11.51	91	375971	48.419	ug/l	100
83) tert-Butylbenzene	11.77	119	387057	48.441	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	407675	49.448	ug/l	100
85) sec-Butylbenzene	11.94	105	459473	48.503	ug/l	100
86) p-Isopropyltoluene	12.06	119	418419	49.131	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	209350	48.502	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	208494	47.912	ug/l	99
89) n-Butylbenzene	12.38	91	372454	48.387	ug/l	100
90) Hexachloroethane	12.60	117	71453	49.247	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	215467	49.010	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42585	52.201	ug/l	98

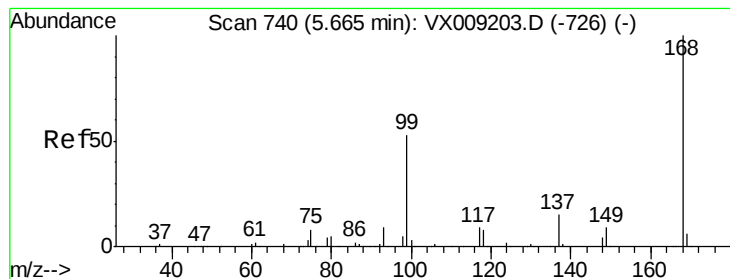
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QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	150307	49.996	ug/l	98
94) Hexachlorobutadiene	13.78	225	72875	47.468	ug/l	99
95) Naphthalene	13.83	128	502484	51.373	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	153010	50.209	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: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

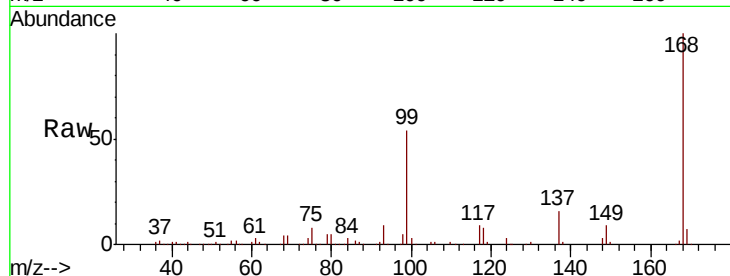
VSTDCCC050EC

Tgt Ion:168 Resp: 183109

Ion Ratio Lower Upper

168 100

99 53.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

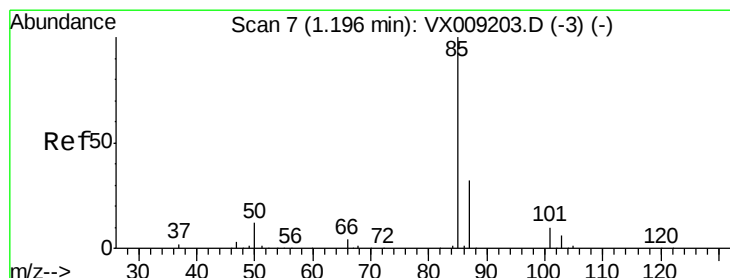
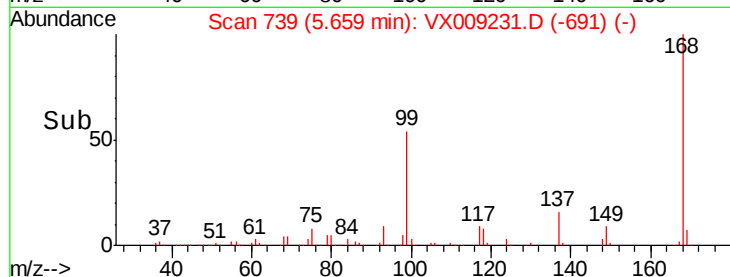
40000

20000

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Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.490 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009231.D

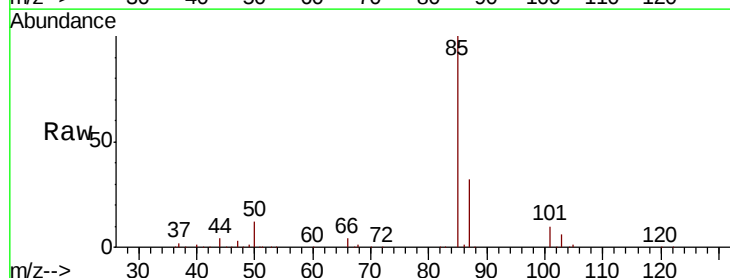
Acq: 30 Apr 2019 00:32

Tgt Ion: 85 Resp: 85196

Ion Ratio Lower Upper

85 100

87 31.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

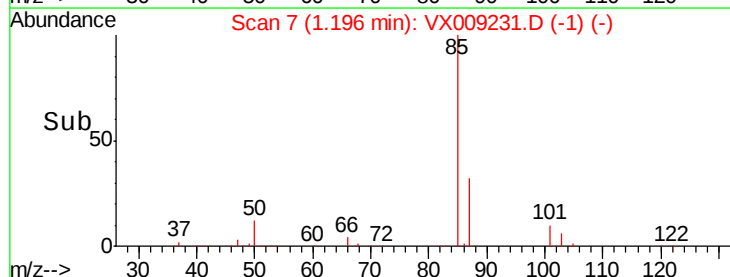
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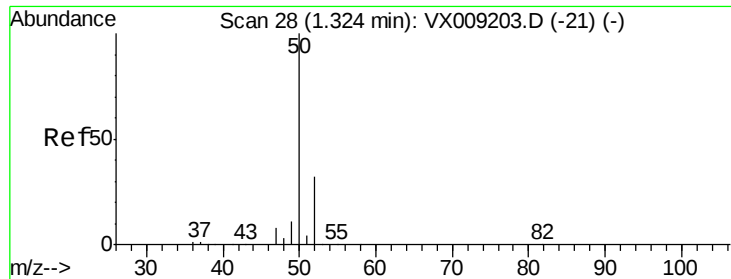
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Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 49.421 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

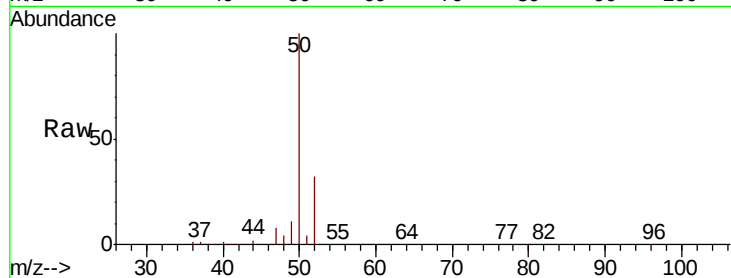
VSTDCCC050EC

Tgt Ion: 50 Resp: 113851

Ion Ratio Lower Upper

50 100

52 32.2 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

120000

100000

80000

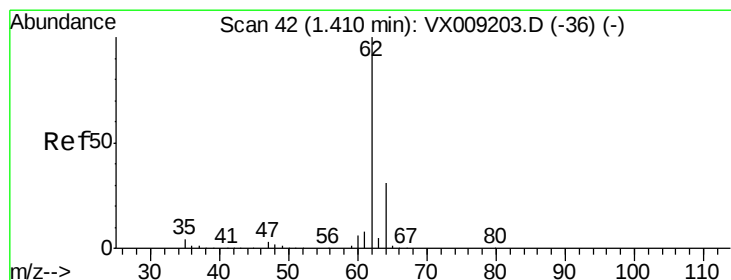
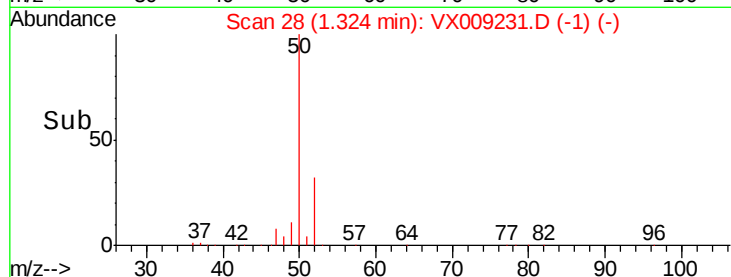
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40000

20000

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Time-->



#4

Vinyl Chloride

Concen: 50.971 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009231.D

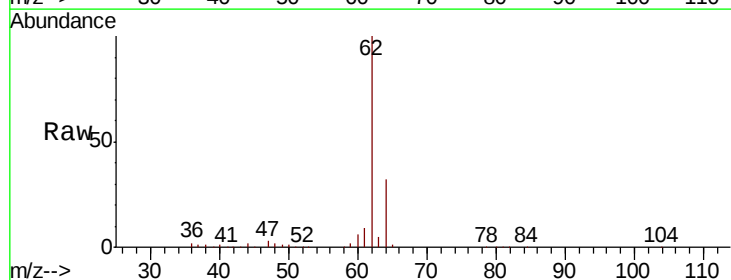
Acq: 30 Apr 2019 00:32

Tgt Ion: 62 Resp: 114501

Ion Ratio Lower Upper

62 100

64 31.7 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

100000

80000

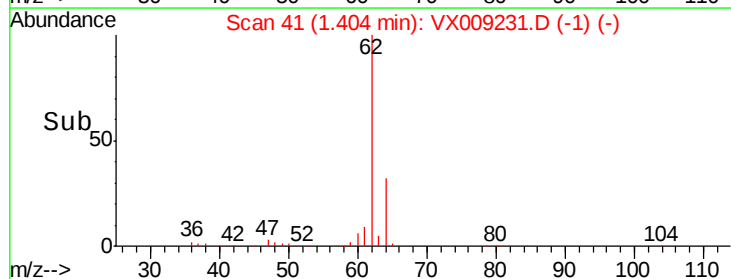
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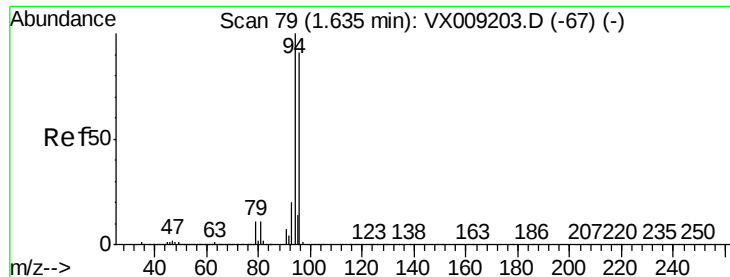
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20000

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Time-->





#5

Bromomethane

Concen: 51.623 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

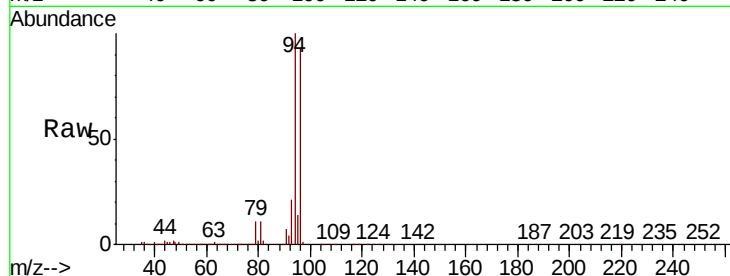
VSTDCCC050EC

Tgt Ion: 94 Resp: 69604

Ion Ratio Lower Upper

94 100

96 93.6 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

60000

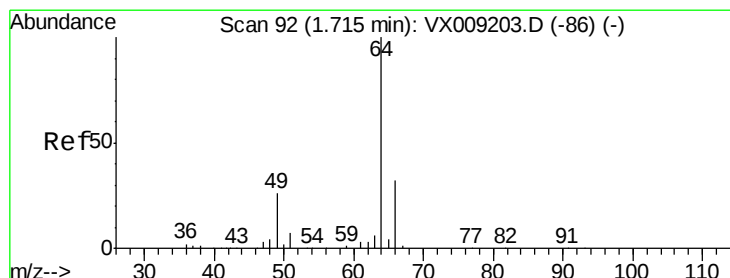
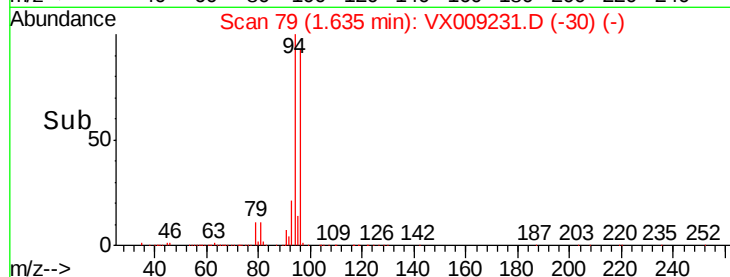
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20000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 50.265 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009231.D

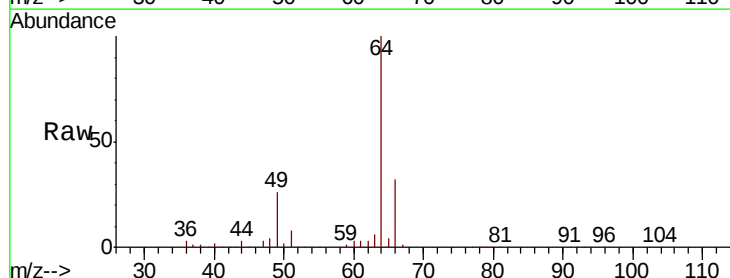
Acq: 30 Apr 2019 00:32

Tgt Ion: 64 Resp: 72496

Ion Ratio Lower Upper

64 100

66 32.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

60000

50000

40000

30000

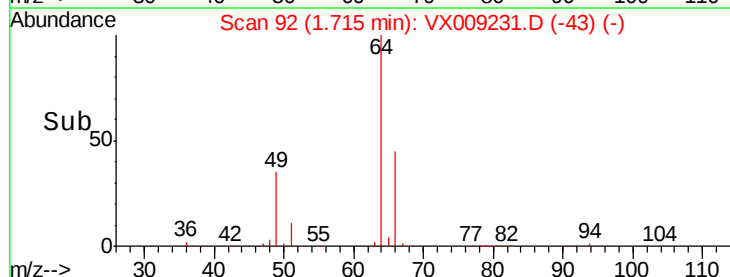
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Time-->

1.65 1.70 1.75 1.80



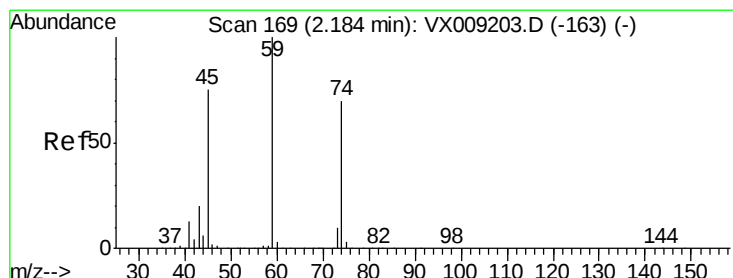
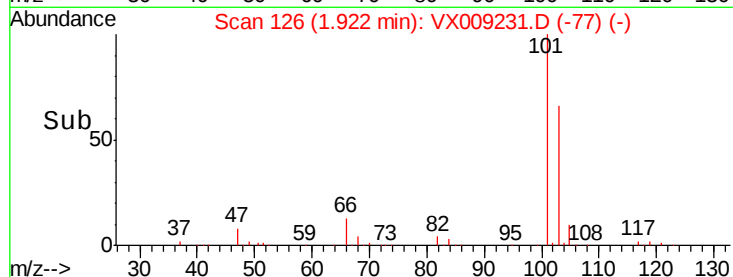
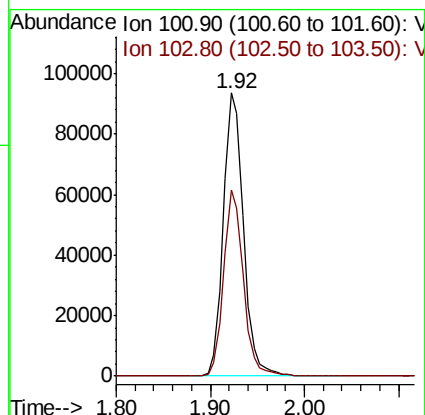
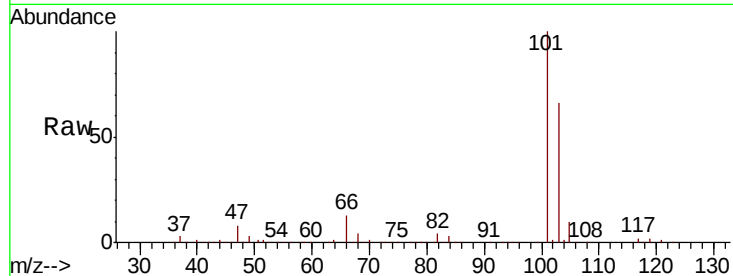


#7

Trichlorofluoromethane
 Concen: 50.871 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX009231.D
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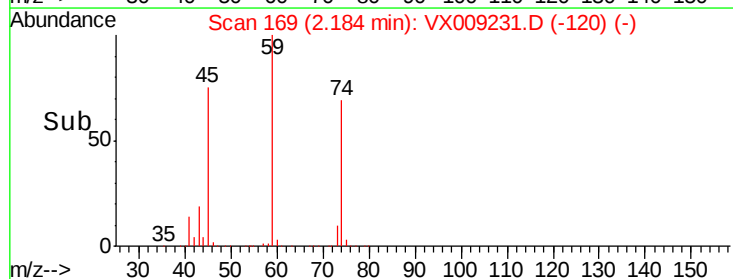
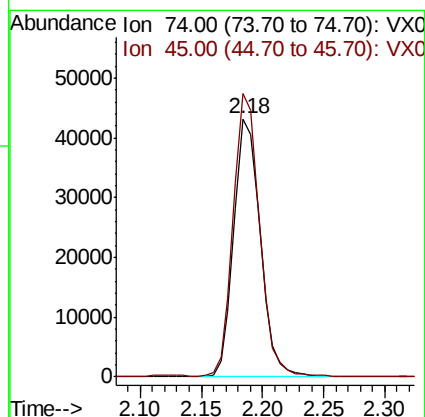
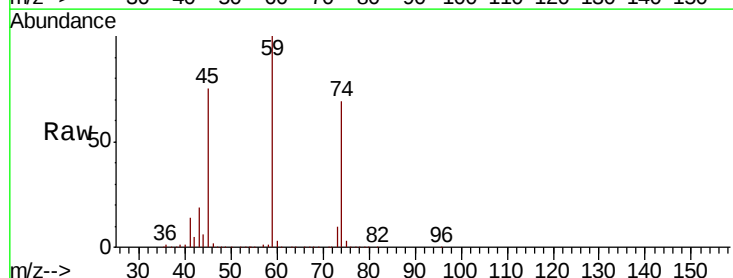
Tgt Ion: 101 Resp: 138910
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.4 78.6



#8

Diethyl Ether
 Concen: 50.008 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

Tgt Ion: 74 Resp: 64682
 Ion Ratio Lower Upper
 74 100
 45 107.9 53.3 159.9

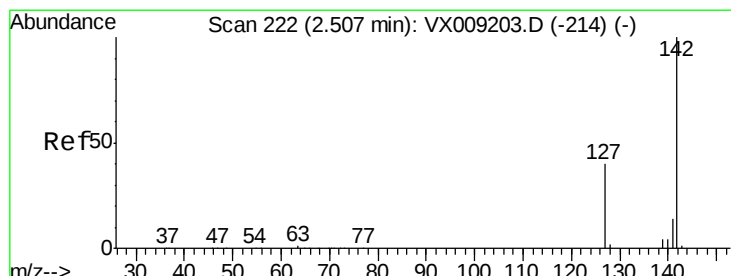
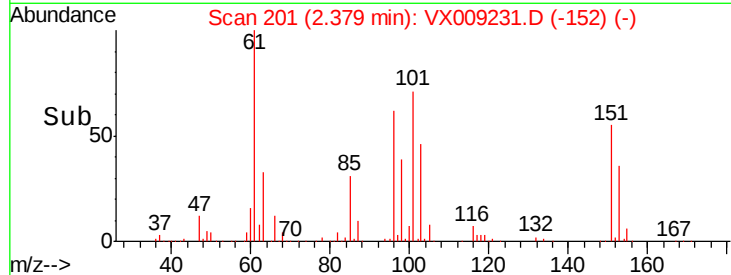
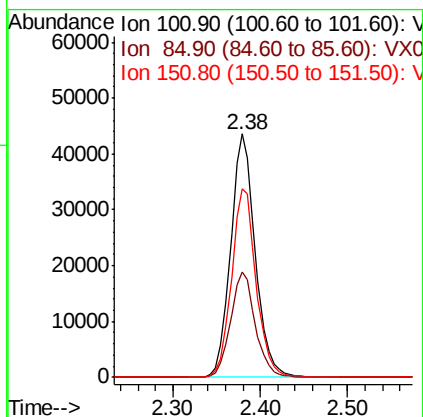
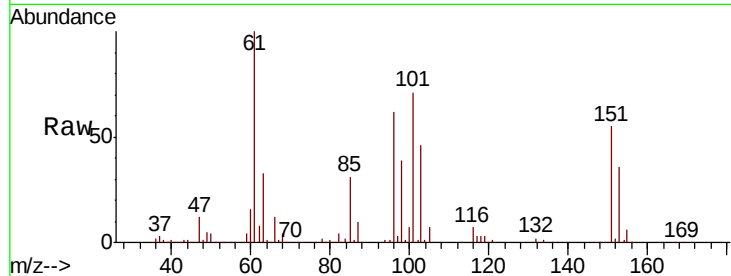




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.626 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

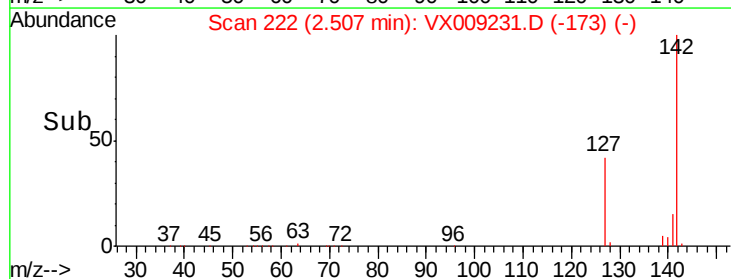
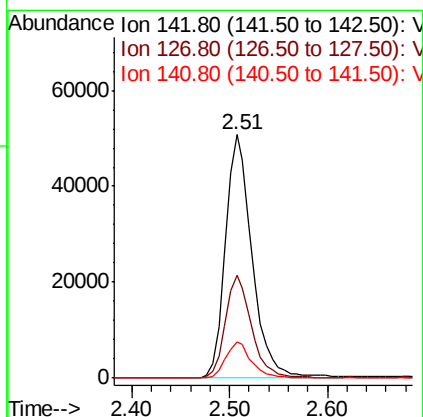
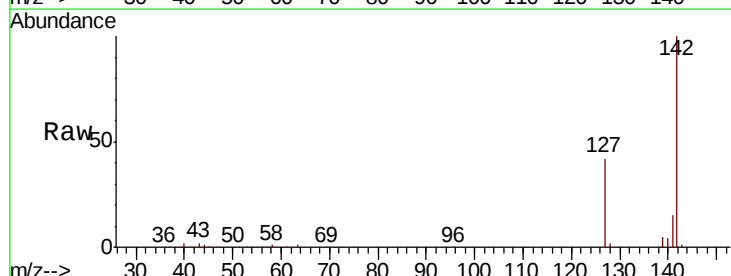
Instrument :
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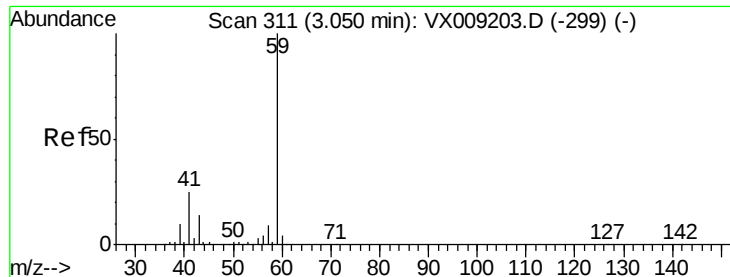
Tgt Ion:101 Resp: 85096
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.7 53.5
 151 77.5 62.2 93.2



#10
 Methyl Iodide
 Concen: 48.400 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

Tgt Ion:142 Resp: 96108
 Ion Ratio Lower Upper
 142 100
 127 41.6 32.7 49.1
 141 14.5 11.5 17.3

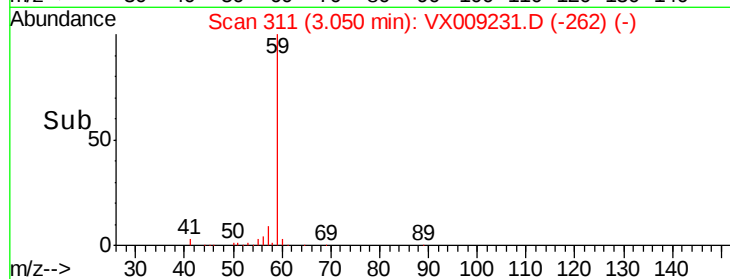
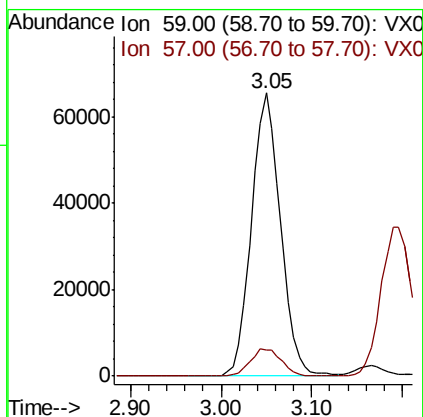
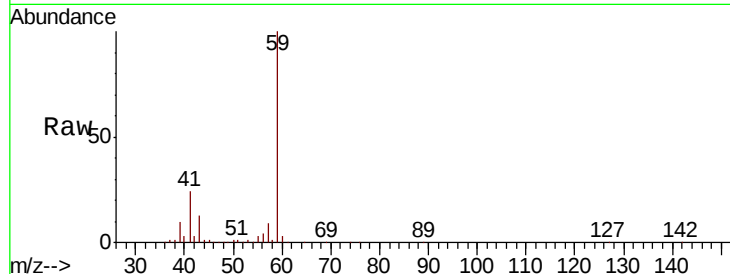




#11
Tert butyl alcohol
Concen: 250.674 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

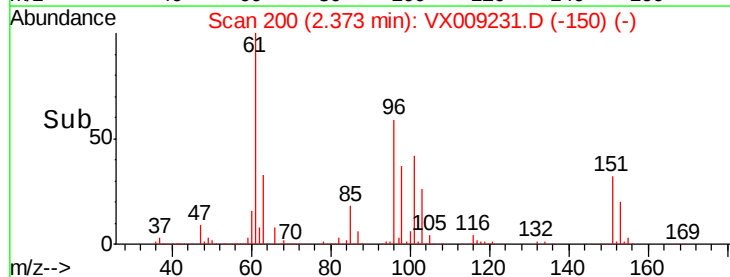
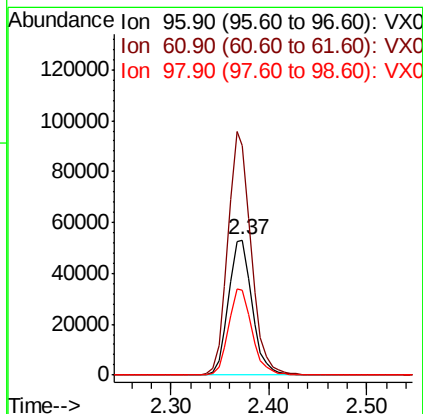
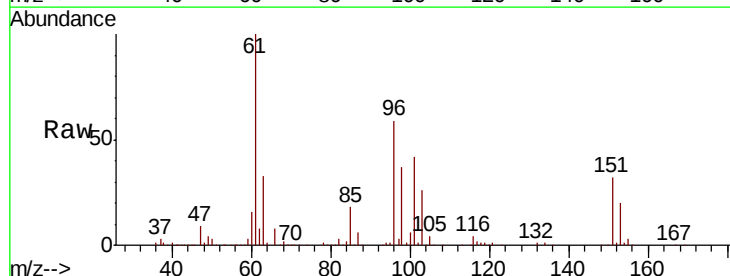
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

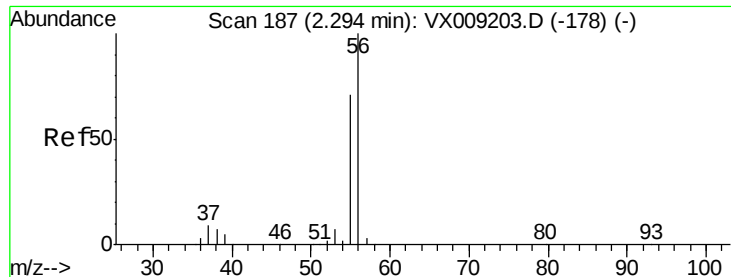
Tgt Ion: 59 Resp: 145042
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



#12
1,1-Dichloroethene
Concen: 52.006 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

Tgt Ion: 96 Resp: 89351
Ion Ratio Lower Upper
96 100
61 170.1 144.3 216.5
98 62.8 50.3 75.5





#13

Acrolein

Concen: 237.968 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

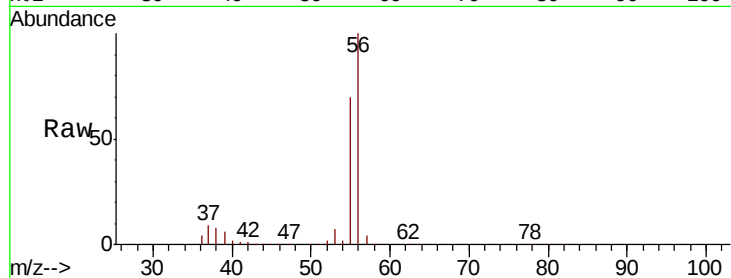
VSTDCCC050EC

Tgt Ion: 56 Resp: 124697

Ion Ratio Lower Upper

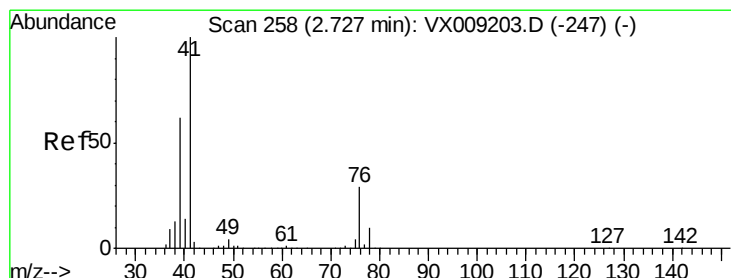
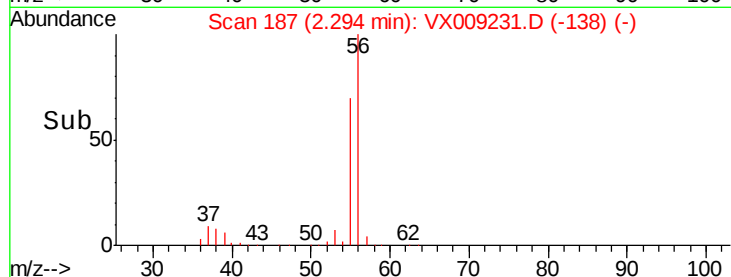
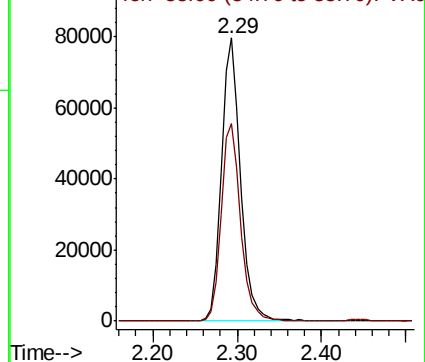
56 100

55 71.0 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: 49.441 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

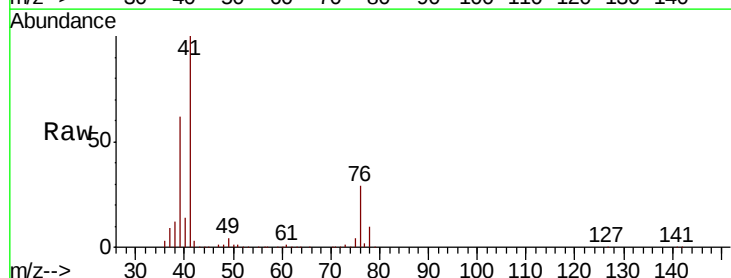
Tgt Ion: 41 Resp: 207008

Ion Ratio Lower Upper

41 100

39 58.3 46.7 70.1

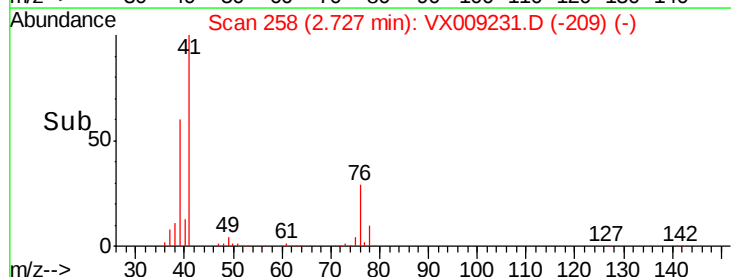
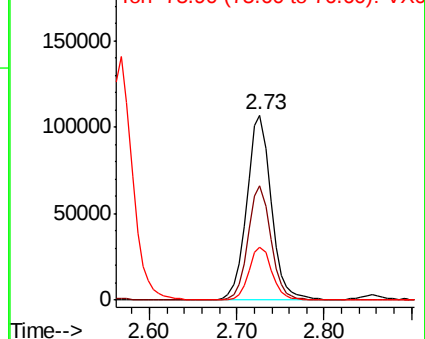
76 27.1 21.8 32.8



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: 252.924 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

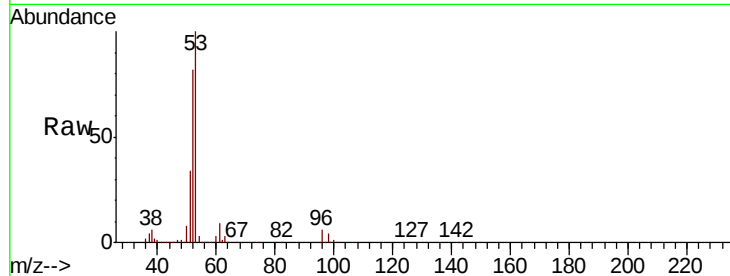
Tgt Ion: 53 Resp: 357823

Ion Ratio Lower Upper

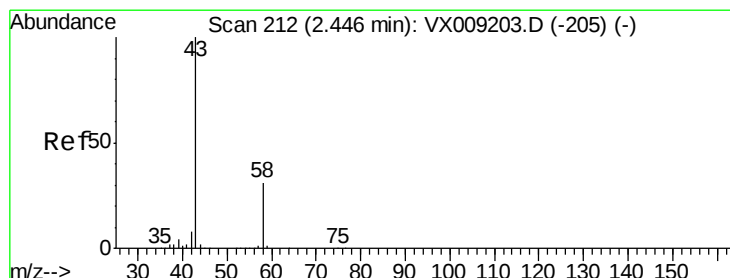
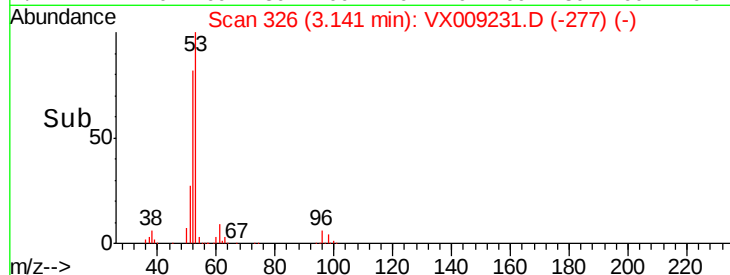
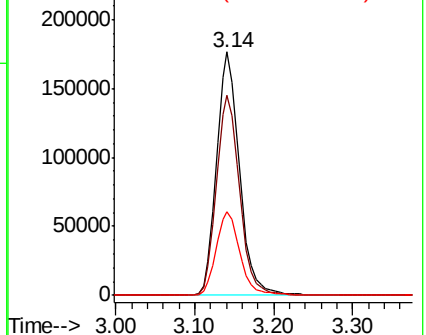
53 100

52 82.9 66.9 100.3

51 35.3 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: 223.579 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009231.D

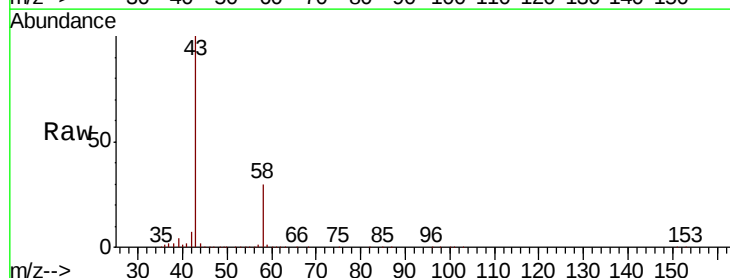
Acq: 30 Apr 2019 00:32

Tgt Ion: 43 Resp: 300091

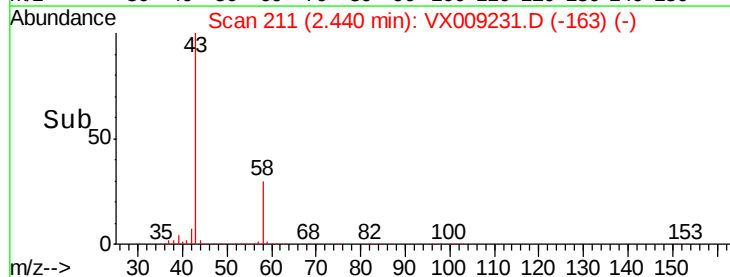
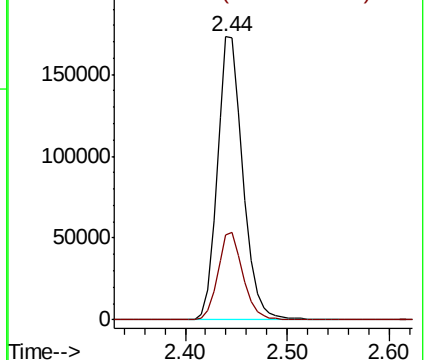
Ion Ratio Lower Upper

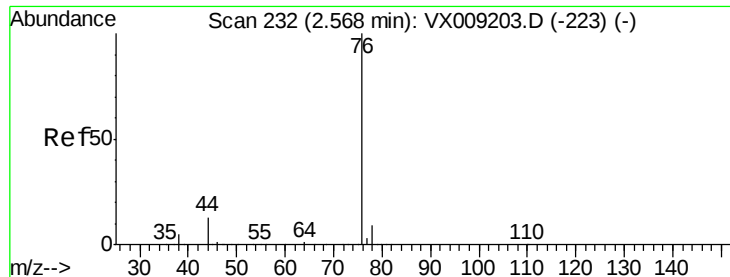
43 100

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

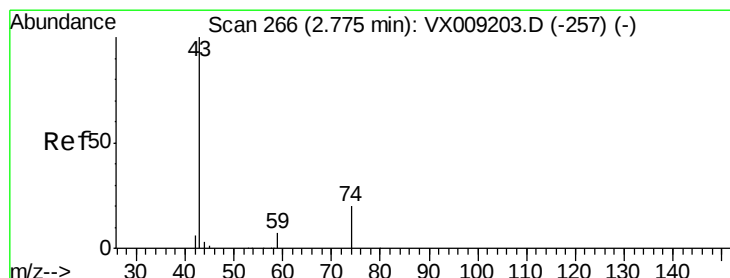
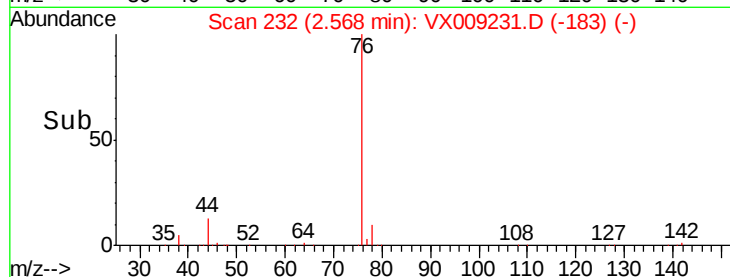
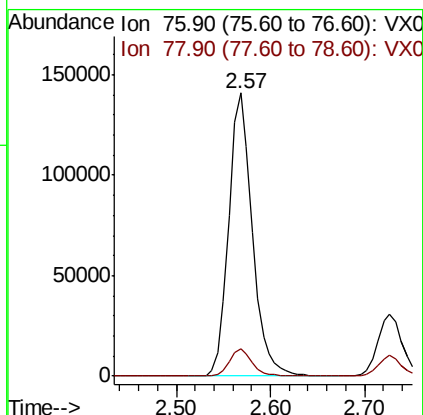
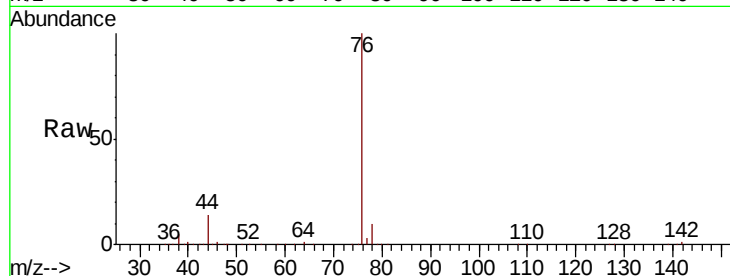




#17
Carbon Disulfide
Concen: 50.956 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

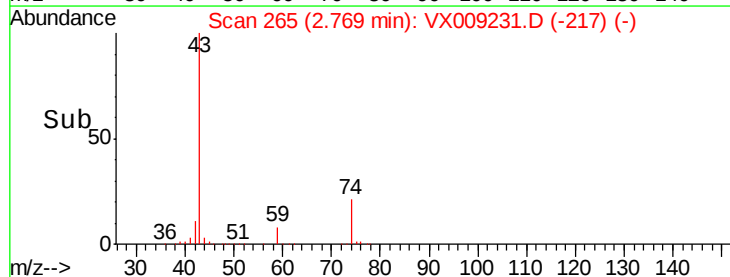
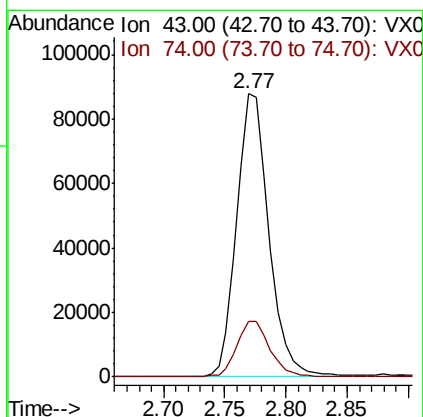
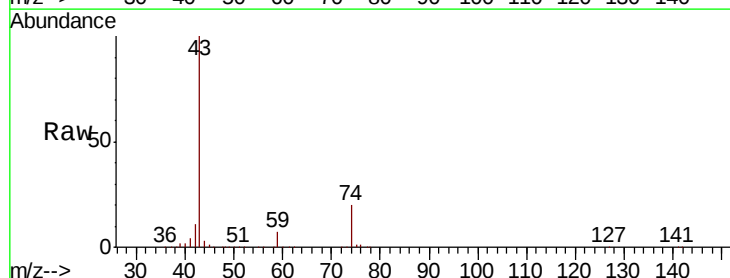
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

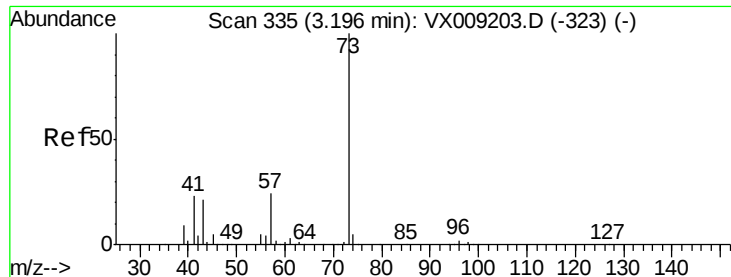
Tgt Ion: 76 Resp: 245796
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 49.881 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

Tgt Ion: 43 Resp: 159224
Ion Ratio Lower Upper
43 100
74 20.7 16.2 24.4

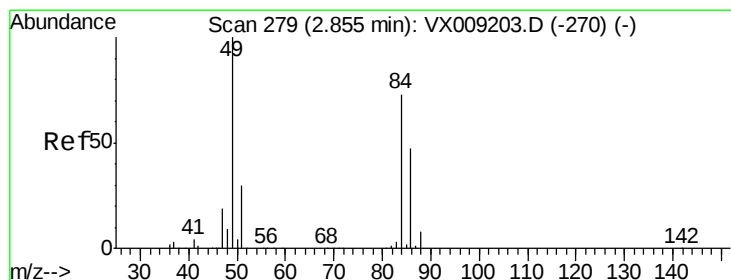
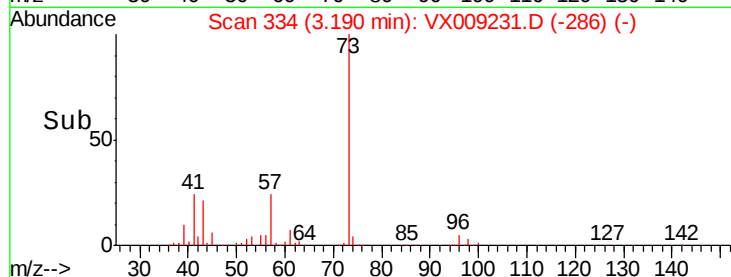
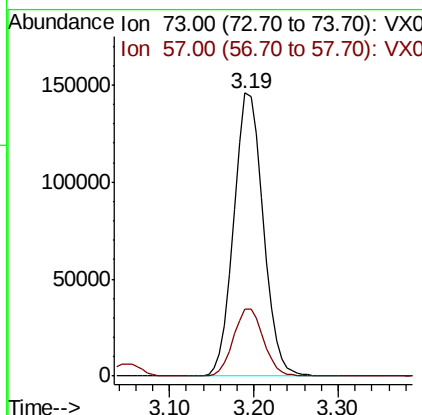
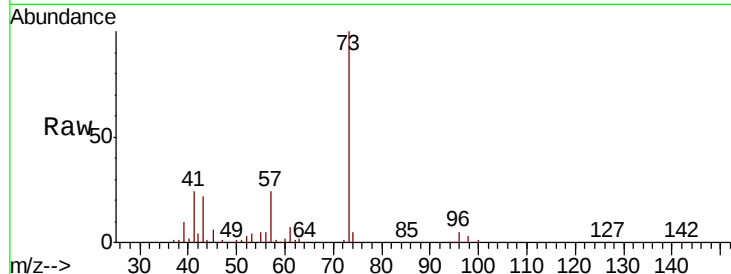




#19
Methyl tert-butyl Ether
Concen: 51.552 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

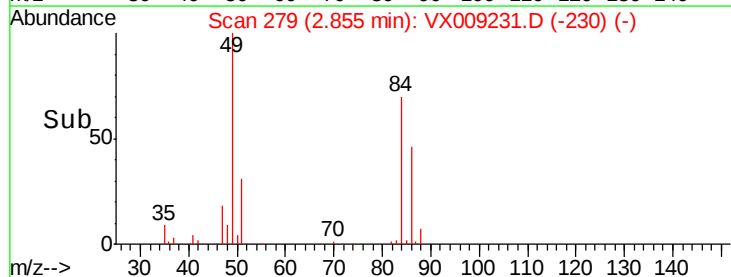
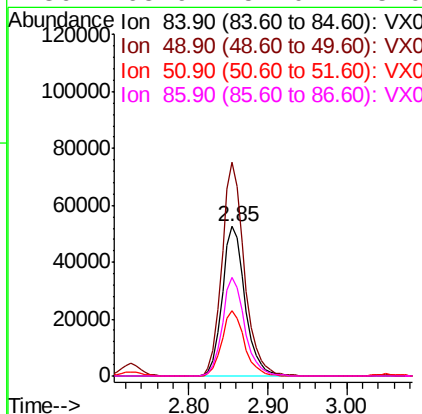
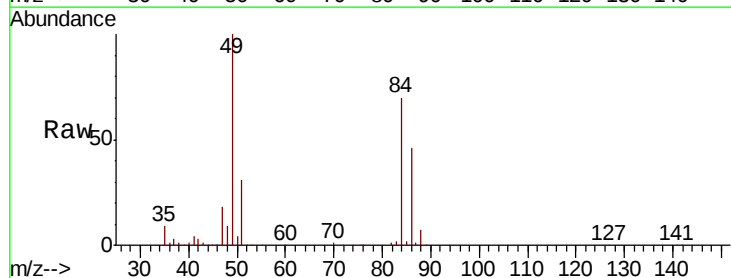
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 343946
Ion Ratio Lower Upper
73 100
57 23.6 19.3 28.9



#20
Methylene Chloride
Concen: 48.502 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

Tgt Ion: 84 Resp: 105407
Ion Ratio Lower Upper
84 100
49 142.7 109.9 164.9
51 43.9 32.7 49.1
86 65.9 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 50.867 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

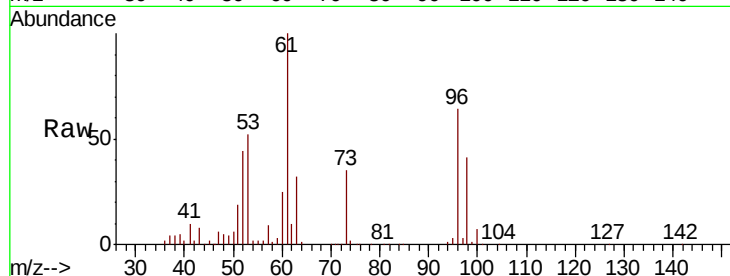
Tgt Ion: 96 Resp: 94779

Ion Ratio Lower Upper

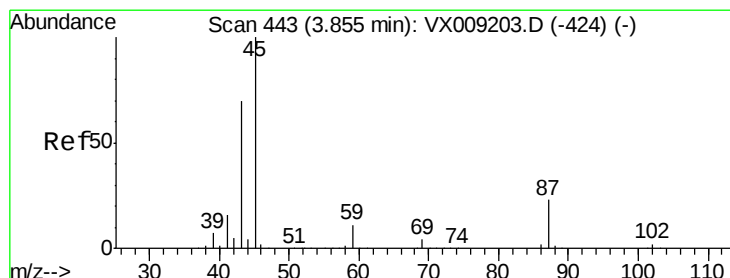
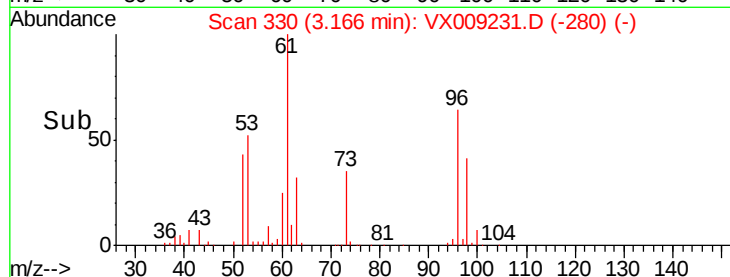
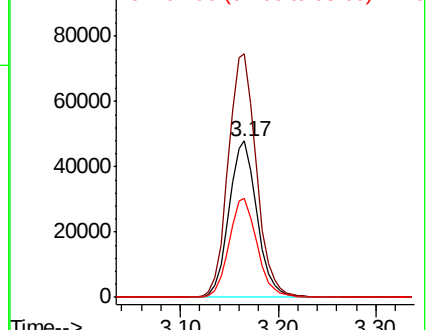
96 100

61 156.1 124.5 186.7

98 63.5 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: 51.326 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Tgt Ion: 45 Resp: 413282

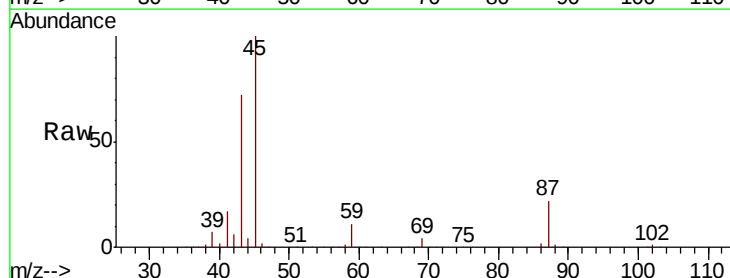
Ion Ratio Lower Upper

45 100

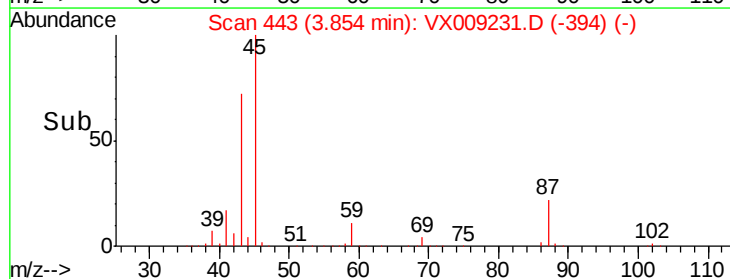
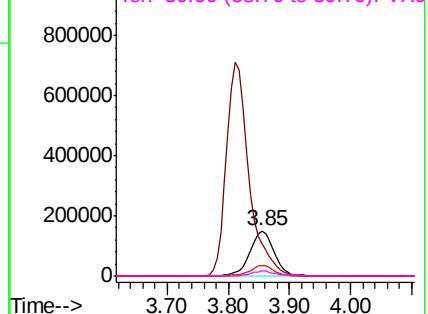
43 71.7 56.1 84.1

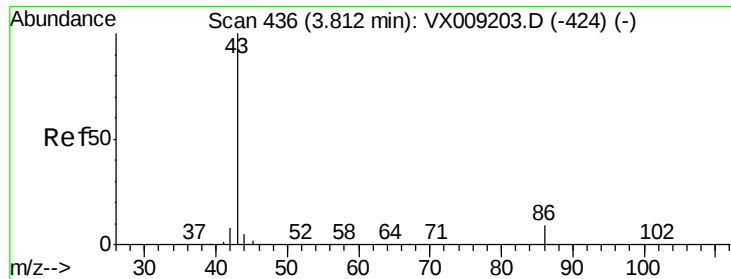
87 22.2 18.1 27.1

59 10.9 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: 264.677 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

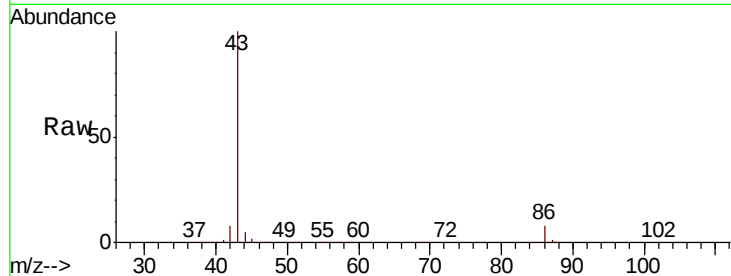
VSTDCCC050EC

Tgt Ion: 43 Resp: 1824975

Ion Ratio Lower Upper

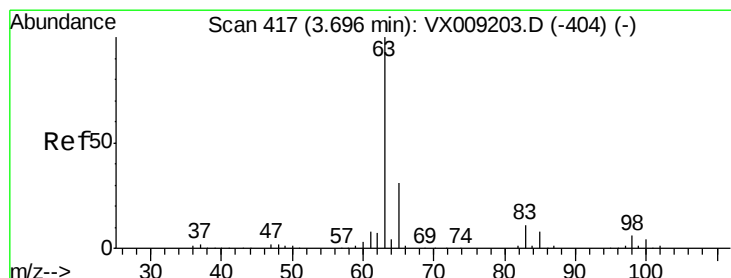
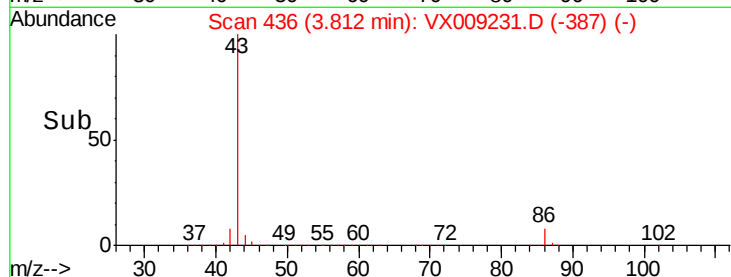
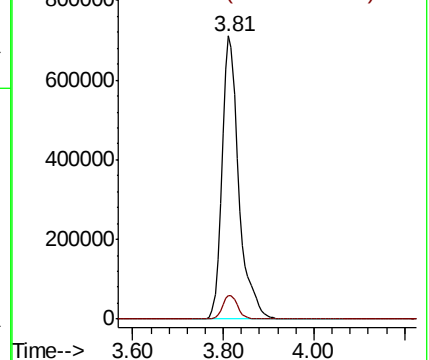
43 100

86 8.5 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: 50.564 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

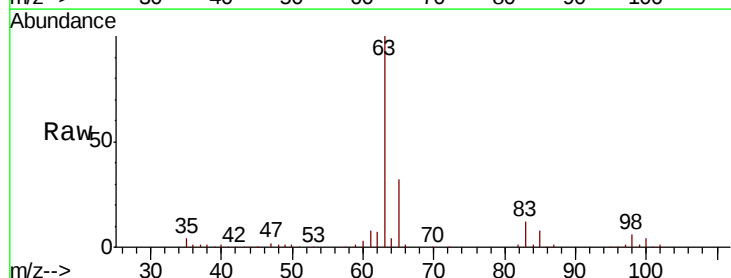
Tgt Ion: 63 Resp: 200848

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

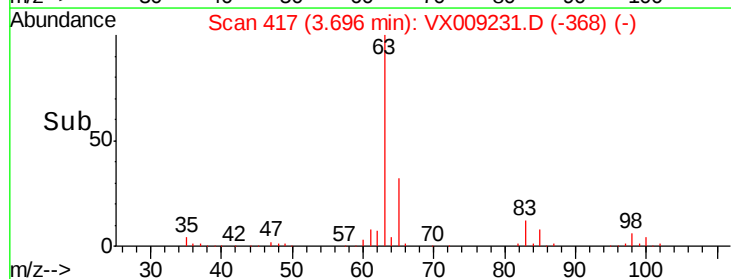
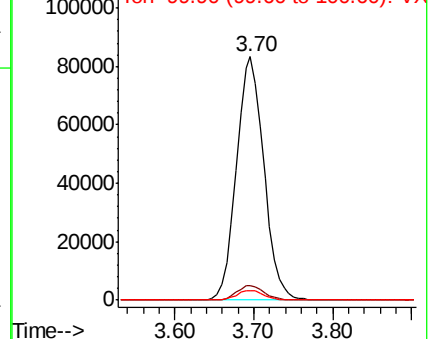
100 3.9 2.0 6.0

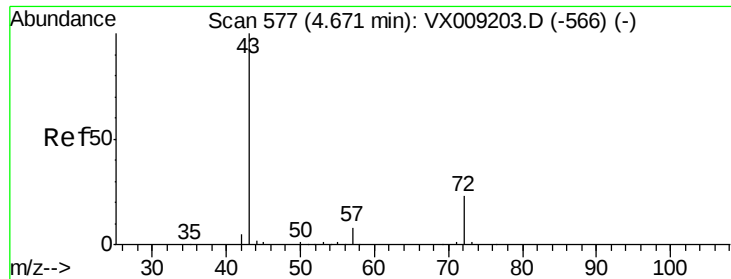


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 250.542 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

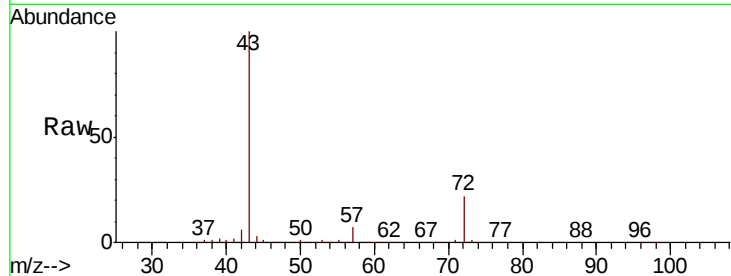
VSTDCCC050EC

Tgt Ion: 43 Resp: 522572

Ion Ratio Lower Upper

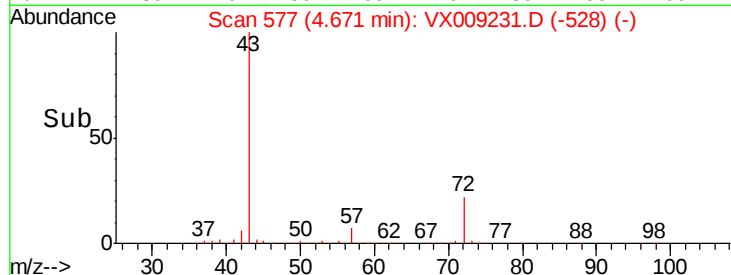
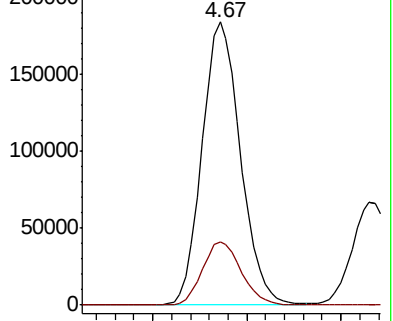
43 100

72 22.4 18.2 27.2

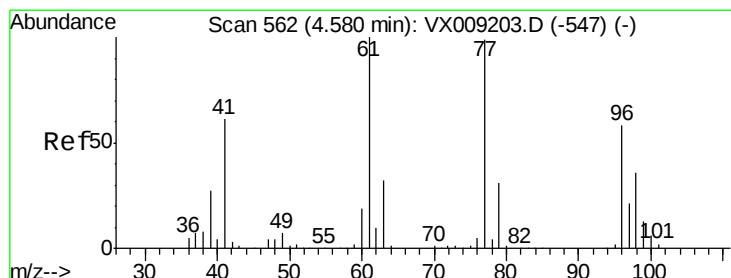


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 39.950 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009231.D

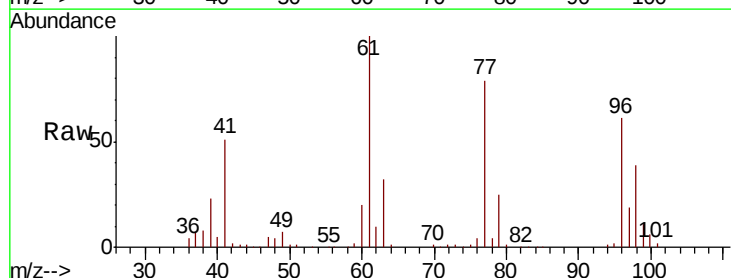
Acq: 30 Apr 2019 00:32

Tgt Ion: 77 Resp: 118117

Ion Ratio Lower Upper

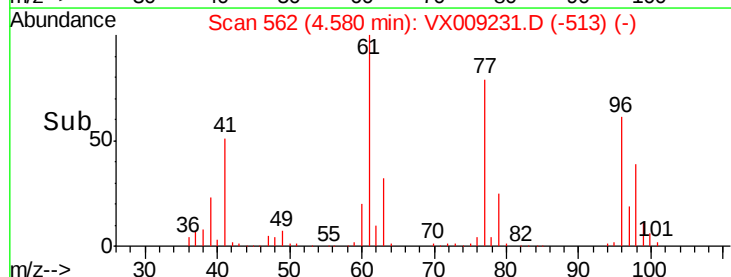
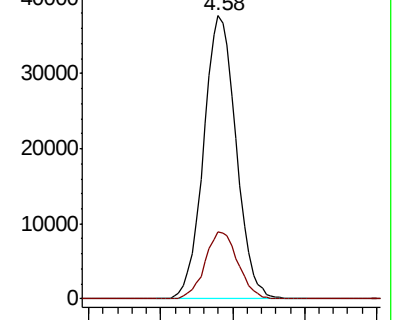
77 100

97 24.1 11.5 34.4

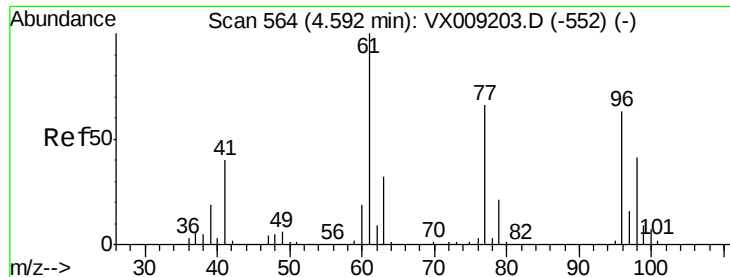


Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->

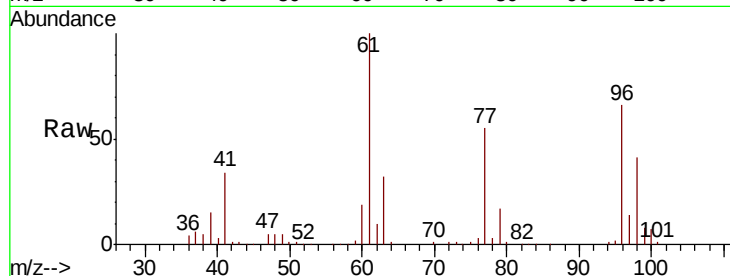


#27

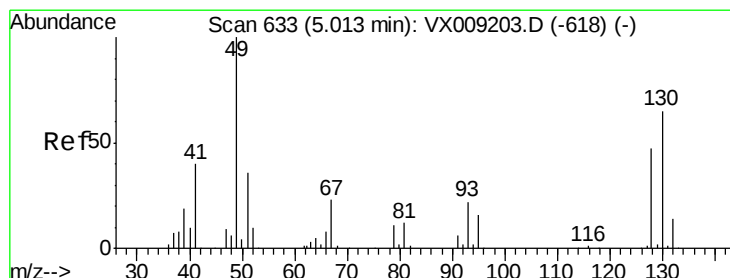
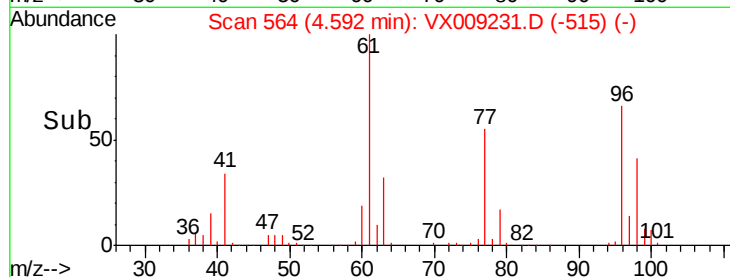
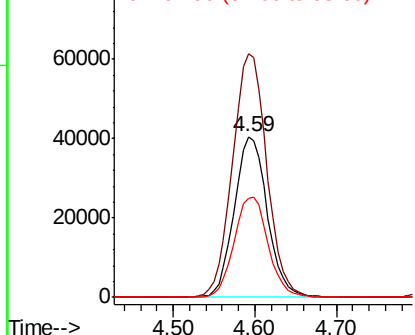
cis-1,2-Dichloroethene
 Concen: 50.998 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 113422
 Ion Ratio Lower Upper
 96 100
 61 157.7 0.0 324.0
 98 64.4 0.0 130.4



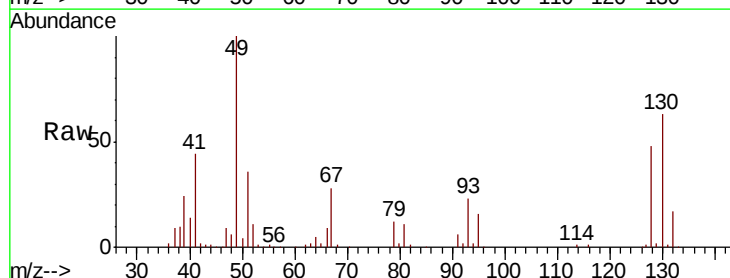
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



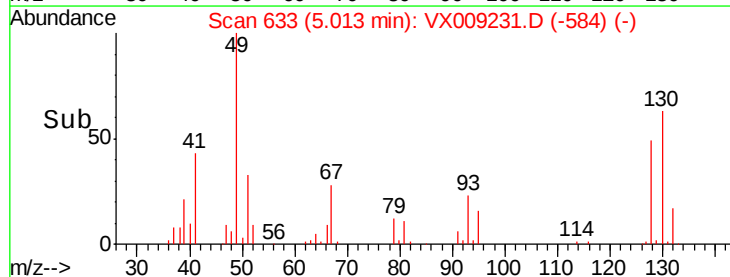
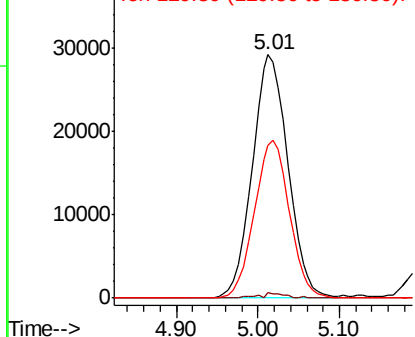
#28

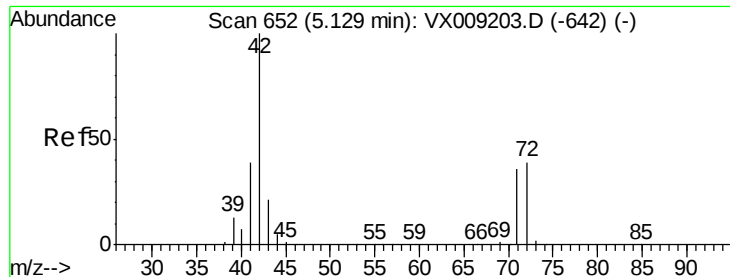
Bromochloromethane
 Concen: 56.194 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

Tgt Ion: 49 Resp: 89311
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.8
 130 63.6 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: 261.981 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

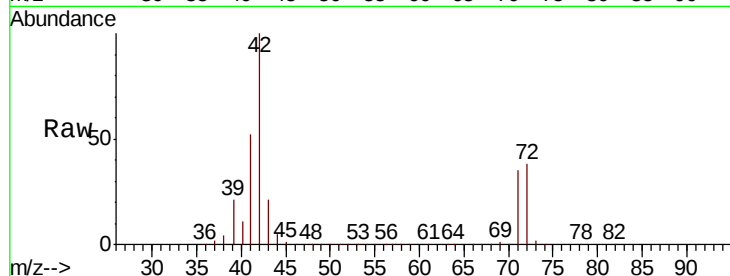
Tgt Ion: 42 Resp: 351626

Ion Ratio Lower Upper

42 100

72 37.8 30.4 45.6

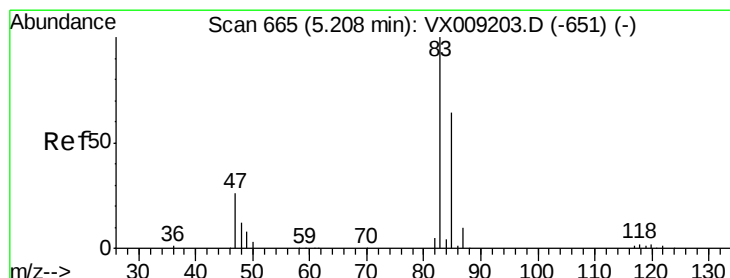
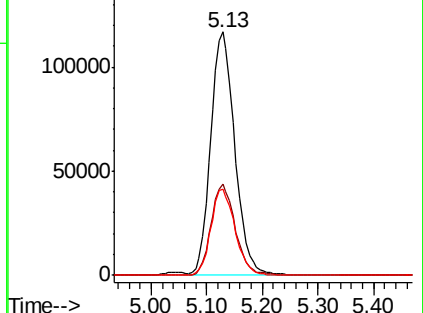
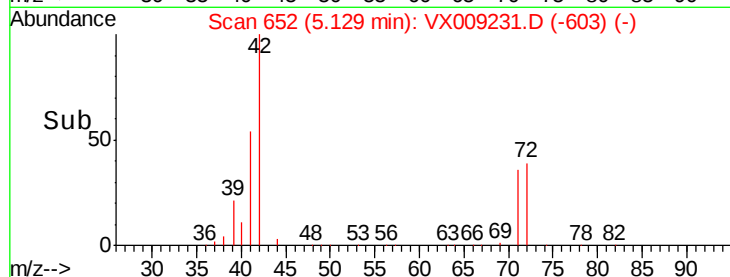
71 35.5 28.6 43.0



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: 51.068 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX009231.D

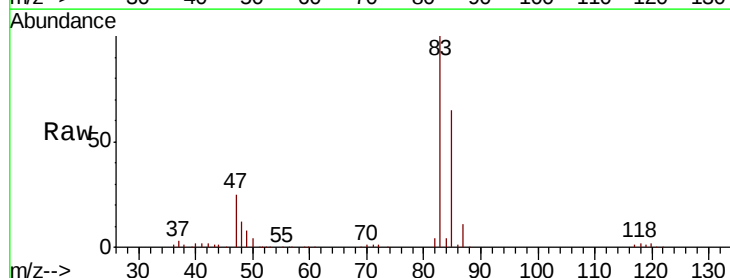
Acq: 30 Apr 2019 00:32

Tgt Ion: 83 Resp: 183466

Ion Ratio Lower Upper

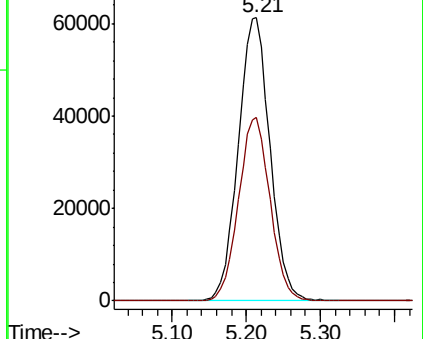
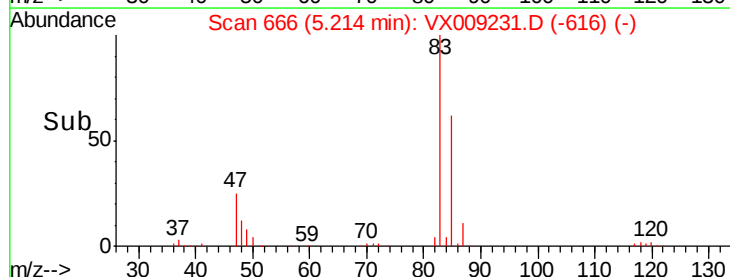
83 100

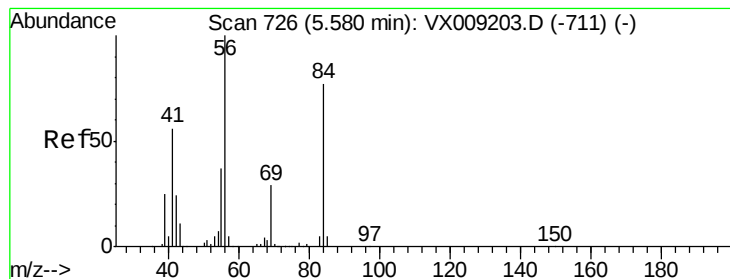
85 64.7 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 51.195 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

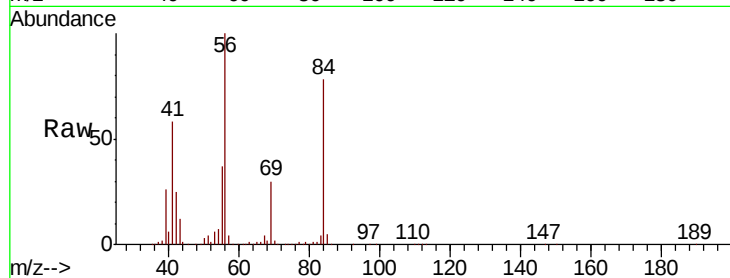
Tgt Ion: 56 Resp: 189195

Ion Ratio Lower Upper

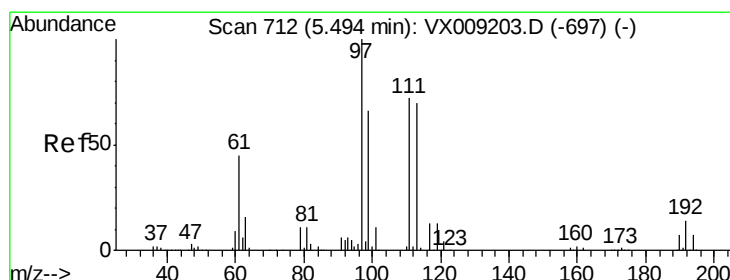
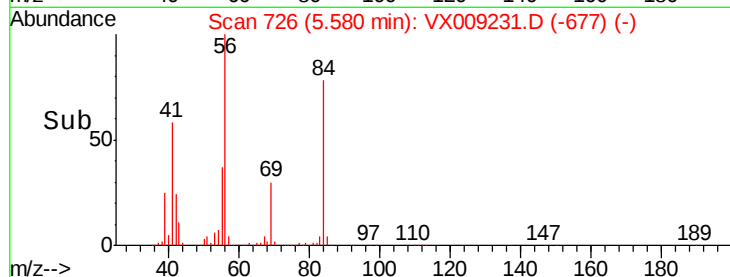
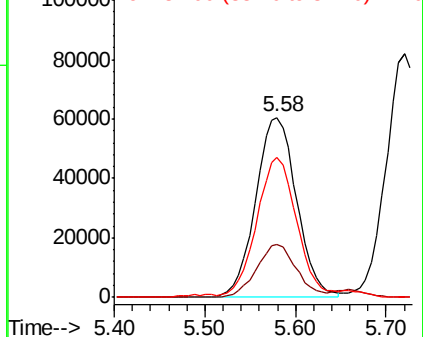
56 100

69 29.5 23.4 35.0

84 76.4 61.9 92.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.397 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

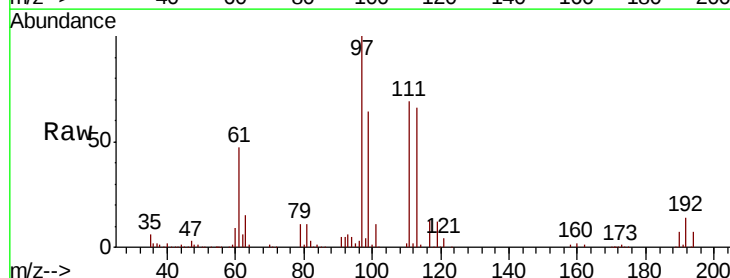
Tgt Ion: 97 Resp: 153710

Ion Ratio Lower Upper

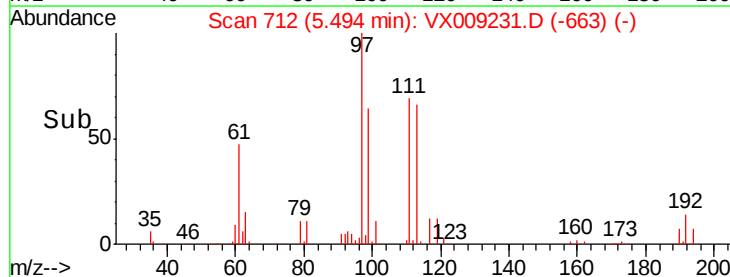
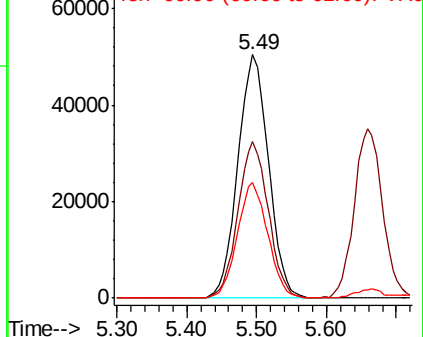
97 100

99 63.8 51.8 77.8

61 47.3 37.8 56.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

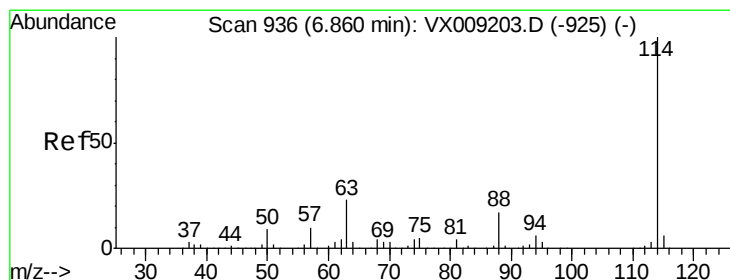
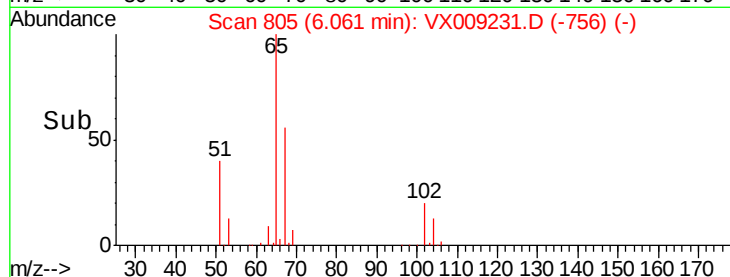
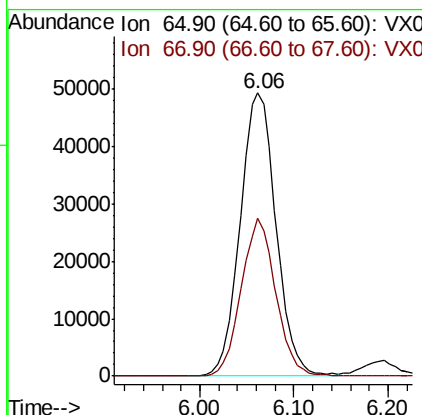
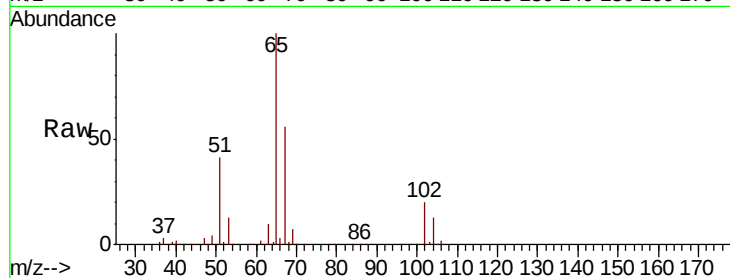




#33
 1,2-Dichloroethane-d4
 Concen: 52.596 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

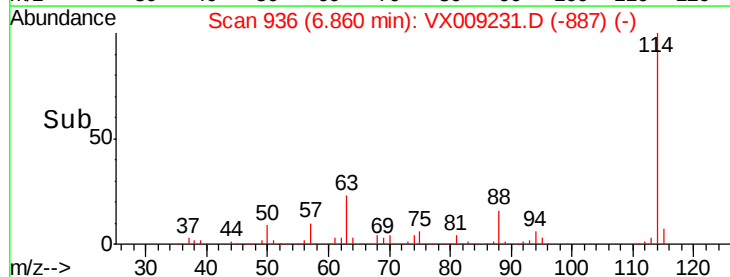
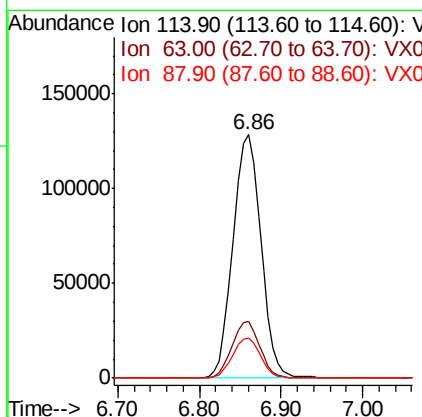
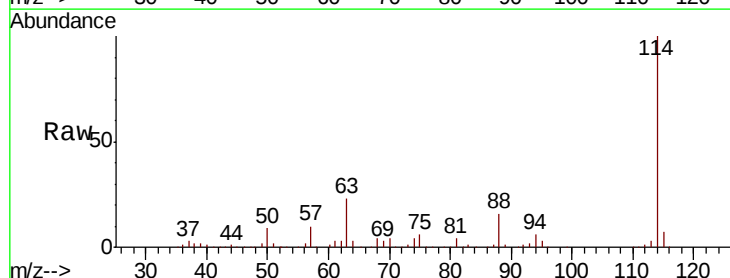
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 131472
 Ion Ratio Lower Upper
 65 100
 67 53.6 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: VX009231.D
 Acq: 30 Apr 2019 00:32

Tgt Ion: 114 Resp: 305559
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.6
 88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.747 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

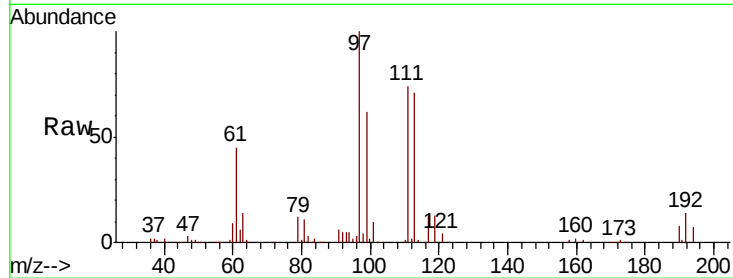
Tgt Ion:113 Resp: 97478

Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

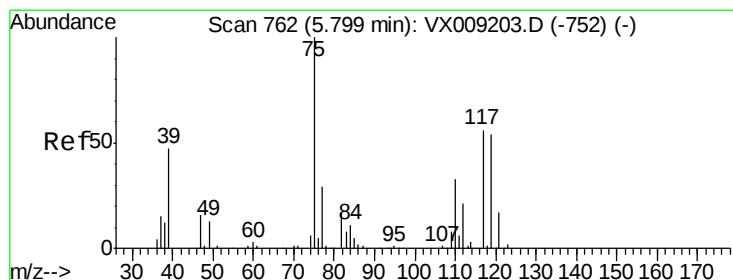
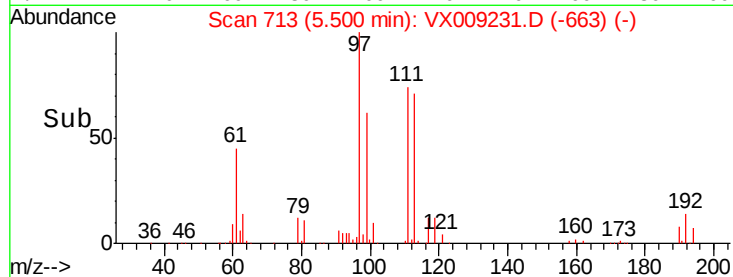
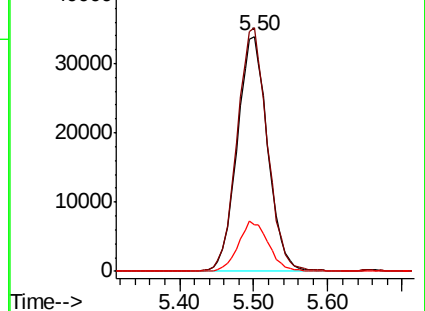
192 20.9 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.091 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

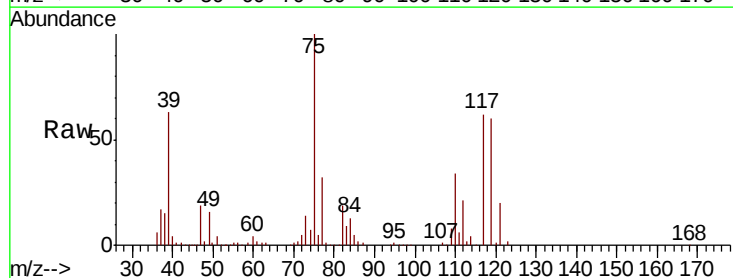
Tgt Ion: 75 Resp: 139398

Ion Ratio Lower Upper

75 100

110 34.0 16.9 50.6

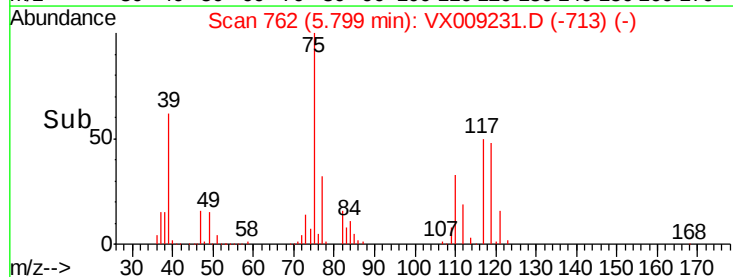
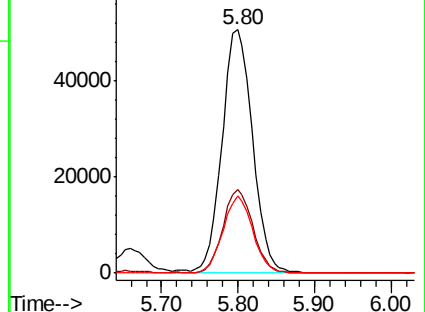
77 31.1 24.8 37.2

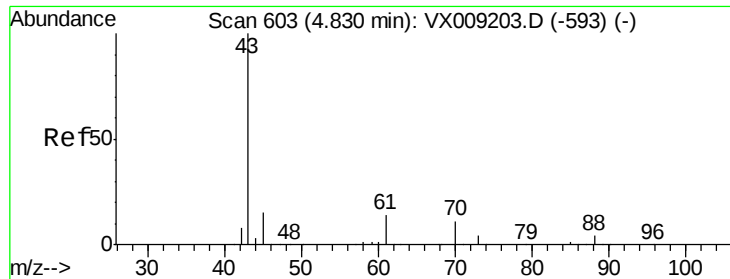


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

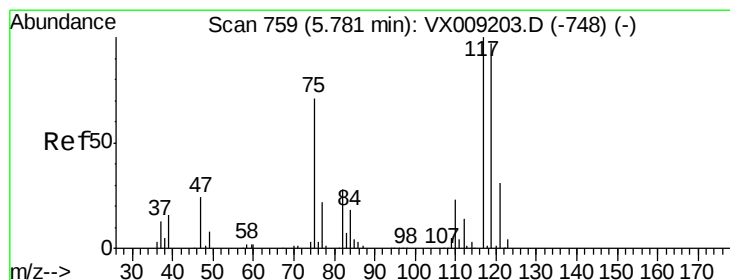
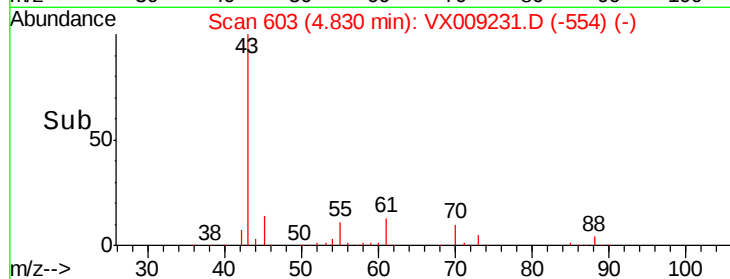
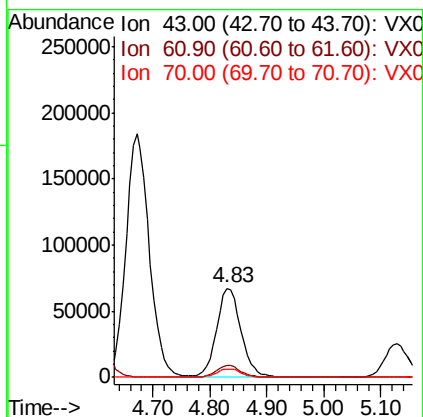
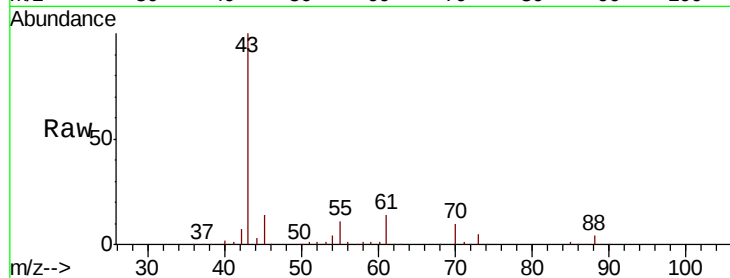




#37
Ethyl Acetate
Concen: 50.839 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

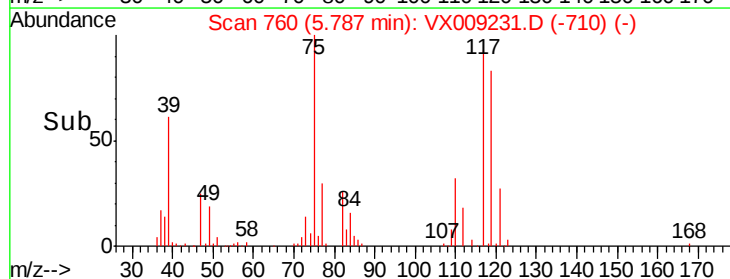
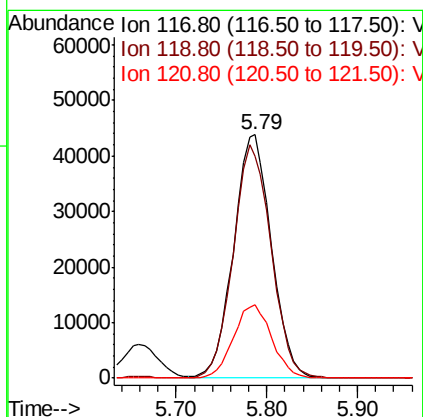
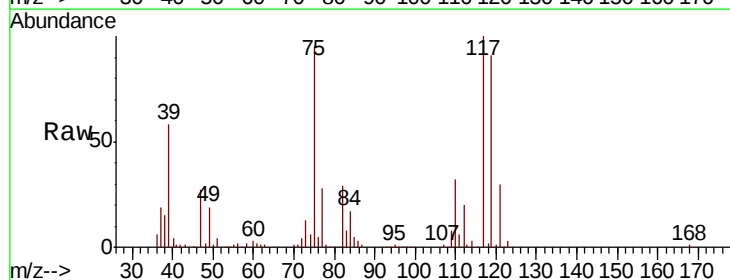
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

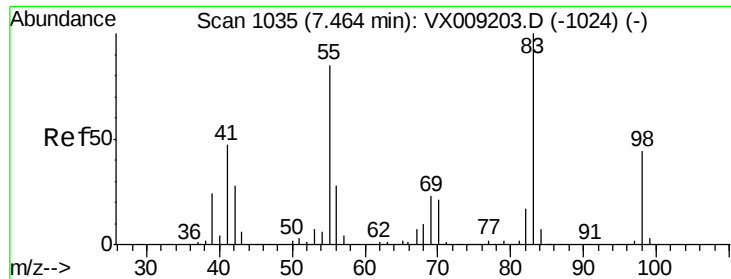
Tgt Ion: 43 Resp: 201139
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 9.6 7.9 11.9



#38
Carbon Tetrachloride
Concen: 49.157 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

Tgt Ion: 117 Resp: 126824
Ion Ratio Lower Upper
117 100
119 91.4 77.5 116.3
121 30.2 24.7 37.1

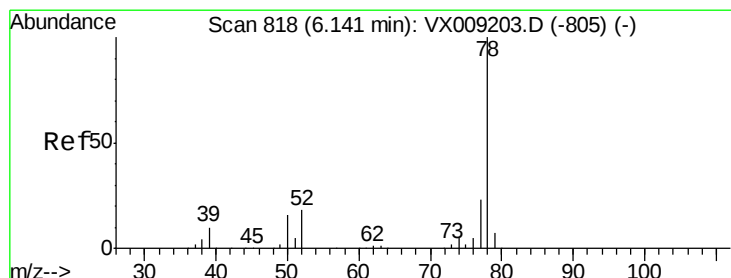
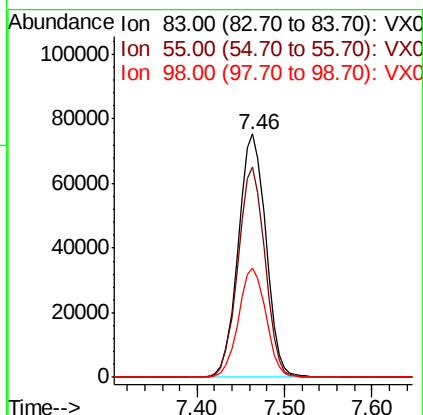
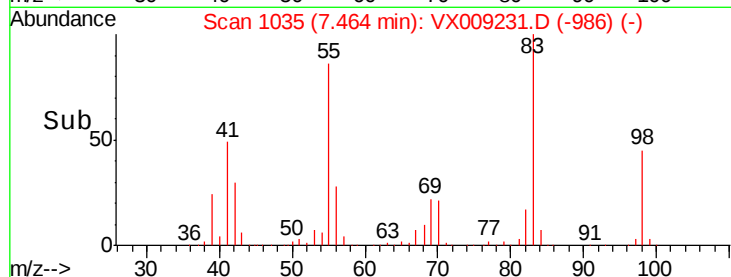
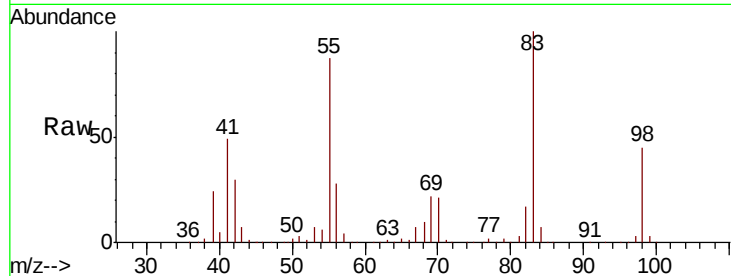




#39
Methylcyclohexane
Concen: 47.526 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

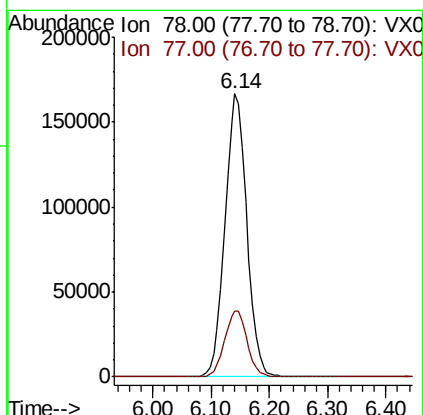
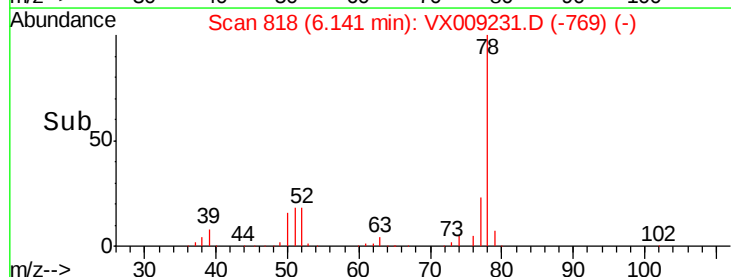
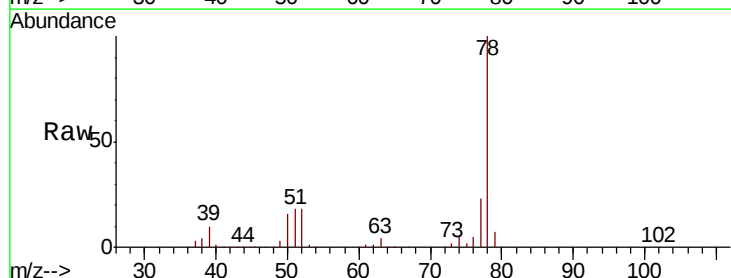
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

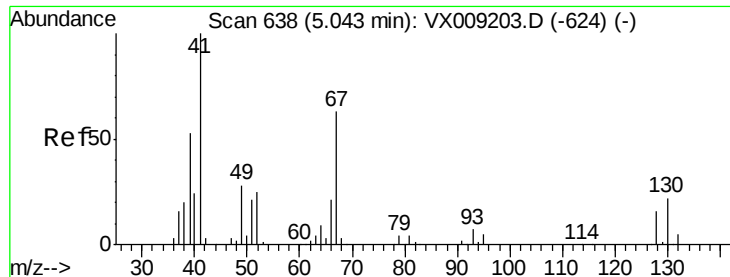
Tgt Ion: 83 Resp: 165736
Ion Ratio Lower Upper
83 100
55 86.5 67.7 101.5
98 45.1 35.5 53.3



#40
Benzene
Concen: 49.359 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

Tgt Ion: 78 Resp: 433775
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2





#41

Methacrylonitrile

Concen: 49.250 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 115989

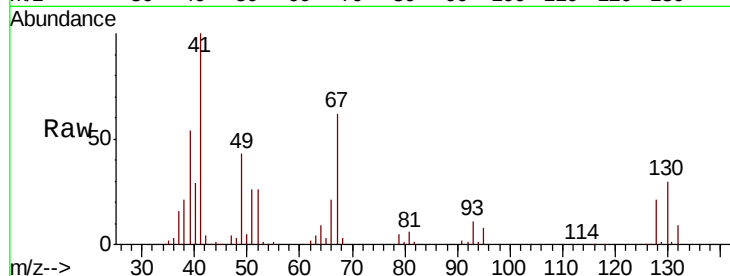
Ion Ratio Lower Upper

41 100

39 52.2 42.0 63.0

67 62.0 49.8 74.8

52 26.8 20.3 30.5

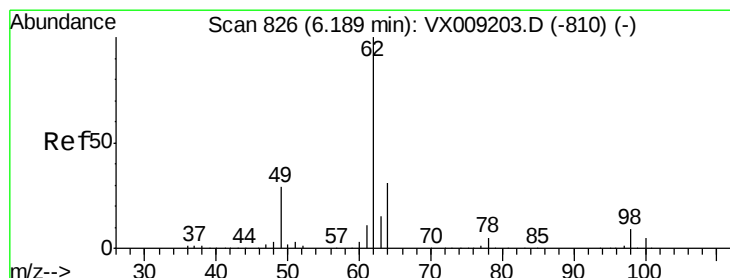
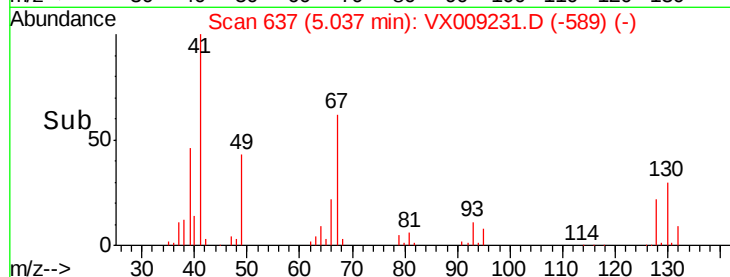
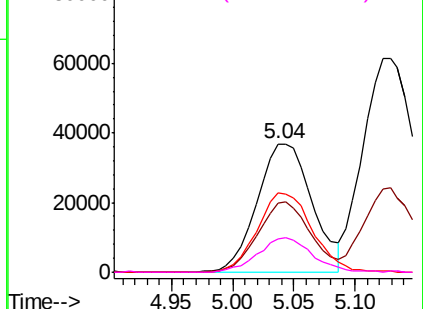


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 49.505 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX009231.D

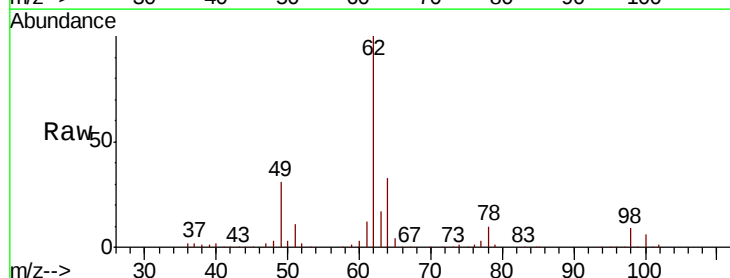
Acq: 30 Apr 2019 00:32

Tgt Ion: 62 Resp: 156061

Ion Ratio Lower Upper

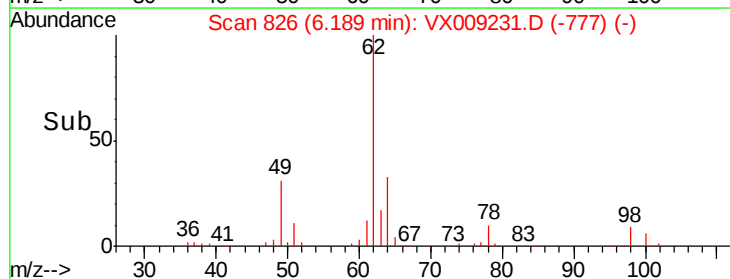
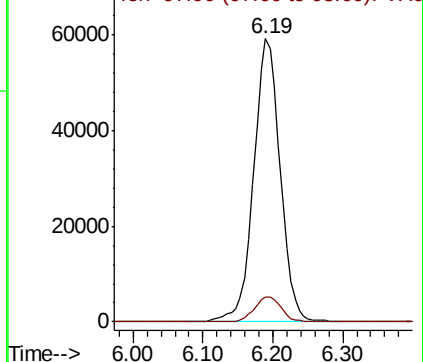
62 100

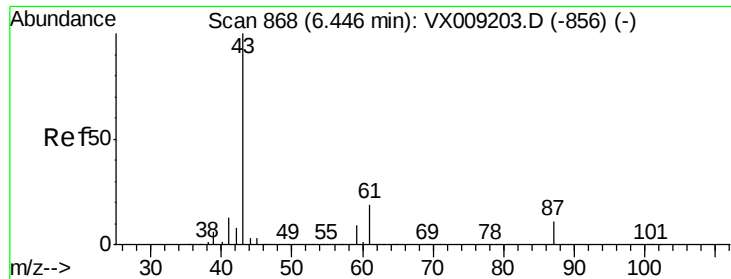
98 9.0 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.355 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

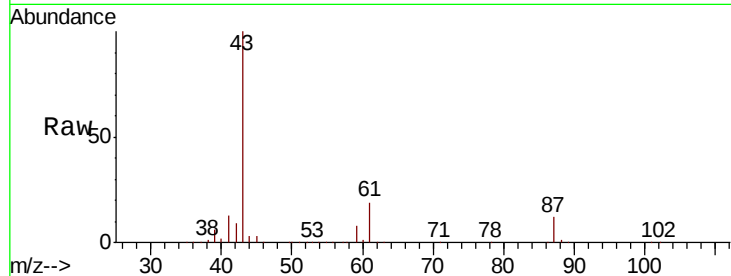
Tgt Ion: 43 Resp: 318670

Ion Ratio Lower Upper

43 100

61 18.9 15.1 22.7

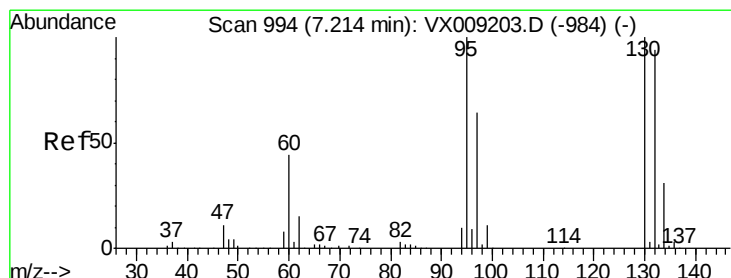
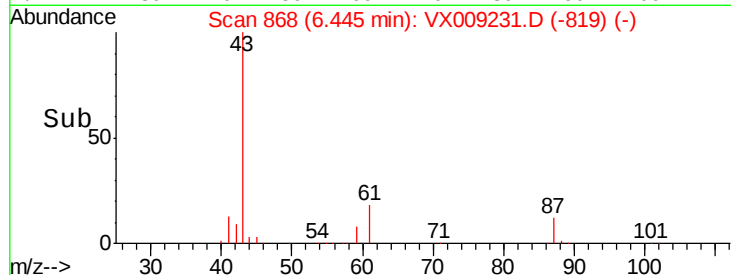
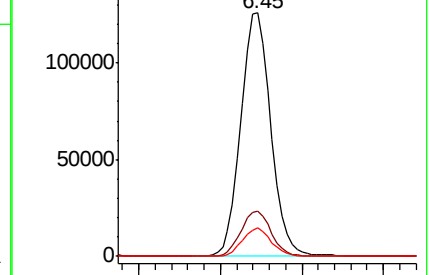
87 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 47.902 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX009231.D

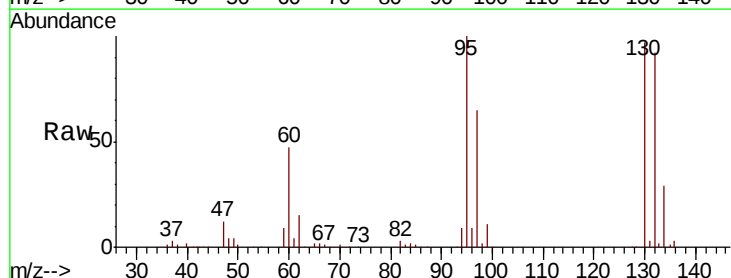
Acq: 30 Apr 2019 00:32

Tgt Ion: 130 Resp: 101769

Ion Ratio Lower Upper

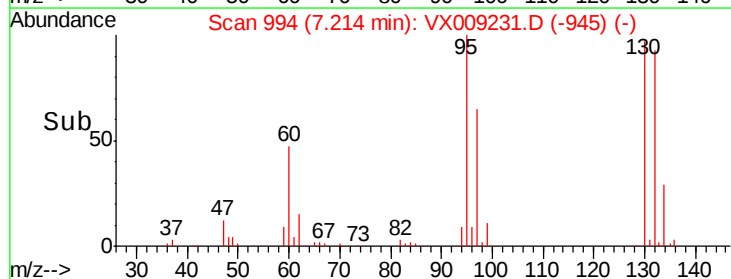
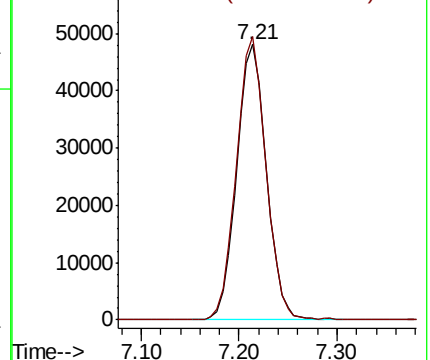
130 100

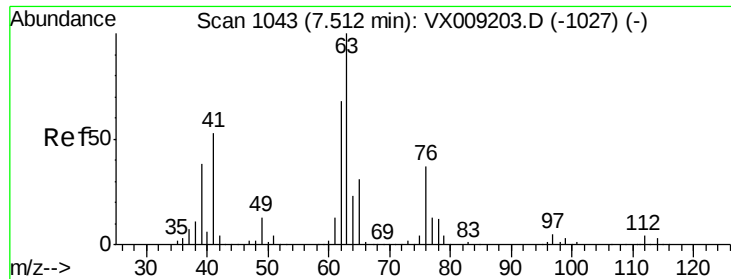
95 102.8 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

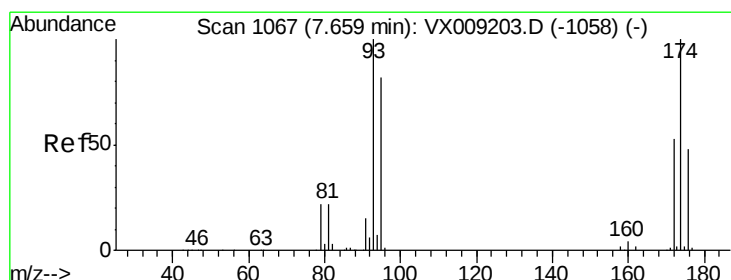
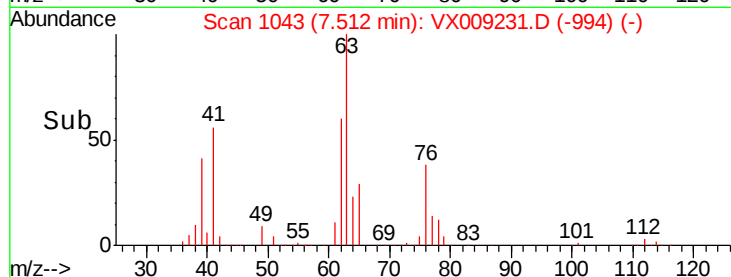
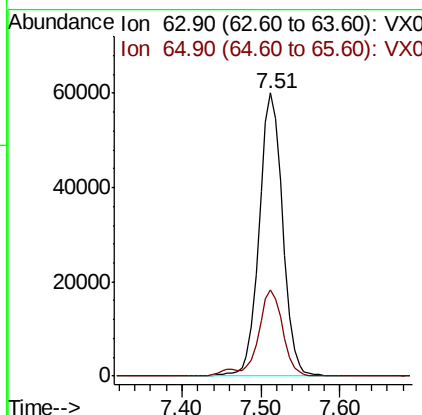
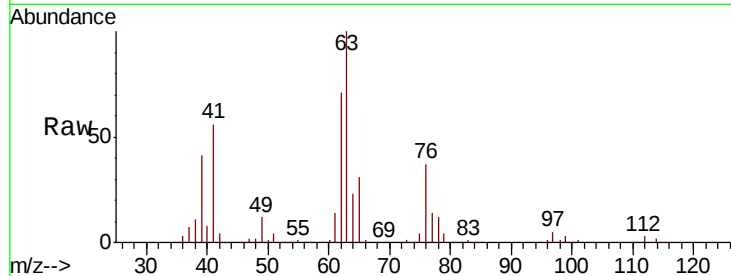




#45
 1,2-Dichloropropane
 Concen: 49.846 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

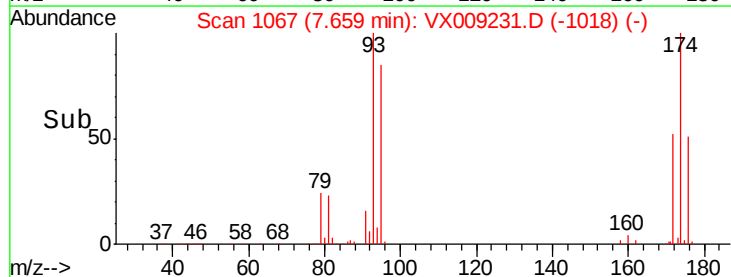
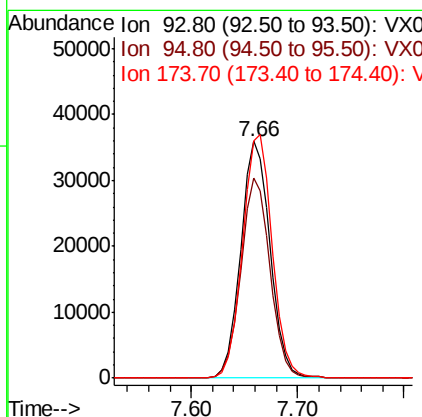
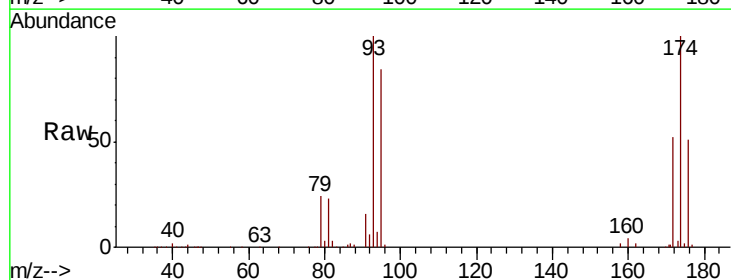
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

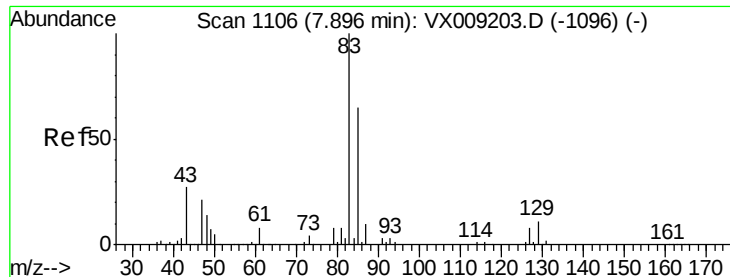
Tgt Ion: 63 Resp: 124039
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.0 37.6



#46
 Dibromomethane
 Concen: 48.295 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

Tgt Ion: 93 Resp: 69789
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.5 99.7
 174 103.7 82.1 123.1





#47

Bromodichloromethane

Concen: 49.667 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

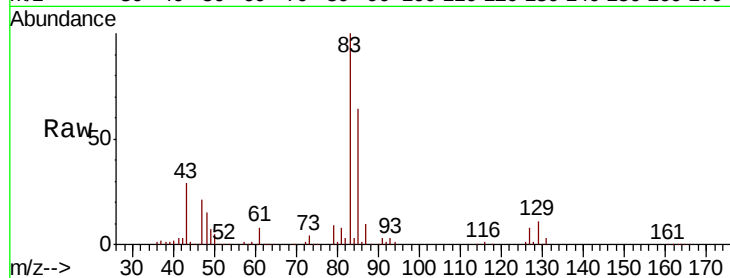
Tgt Ion: 83 Resp: 143164

Ion Ratio Lower Upper

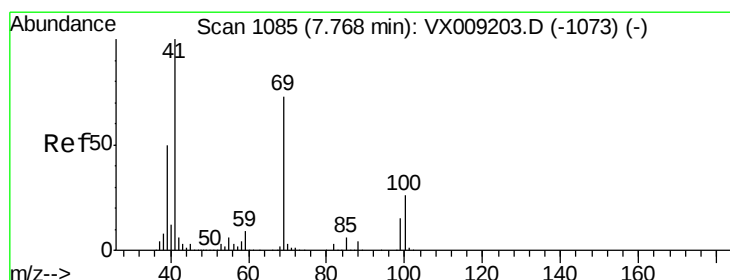
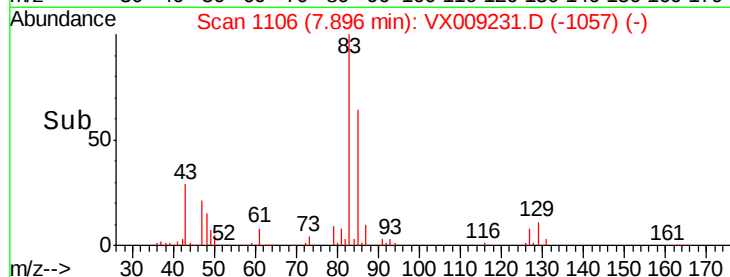
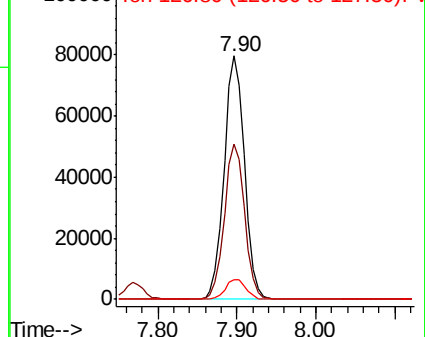
83 100

85 63.6 52.4 78.6

127 8.0 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: 50.673 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

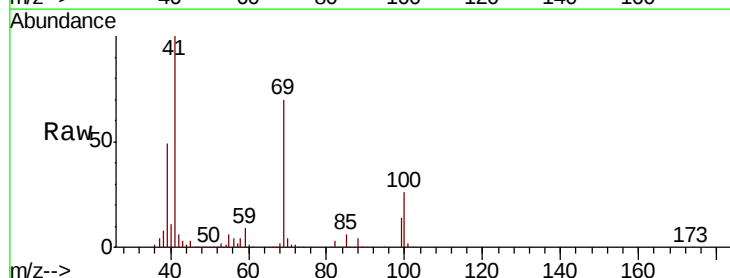
Tgt Ion: 41 Resp: 159100

Ion Ratio Lower Upper

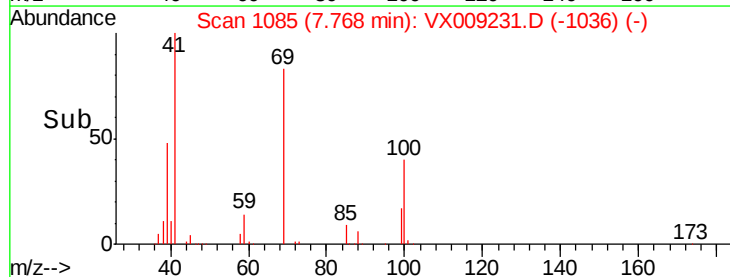
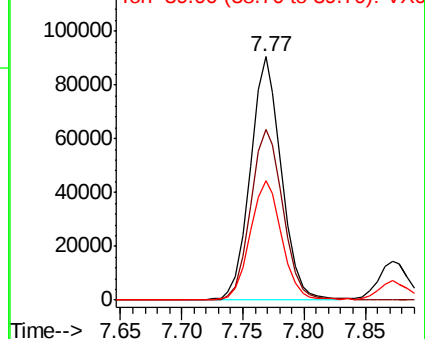
41 100

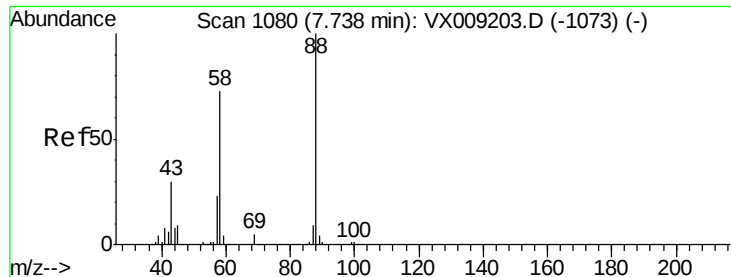
69 73.7 59.1 88.7

39 50.4 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

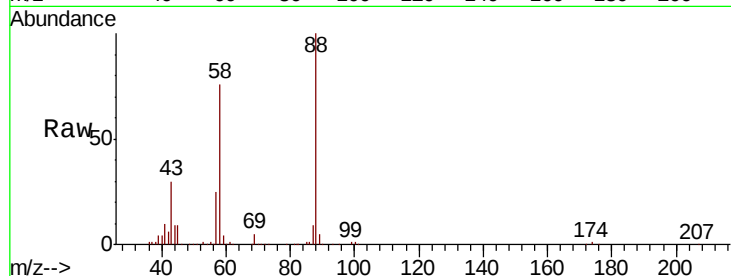




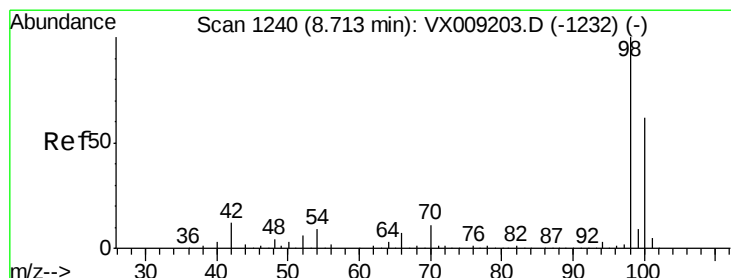
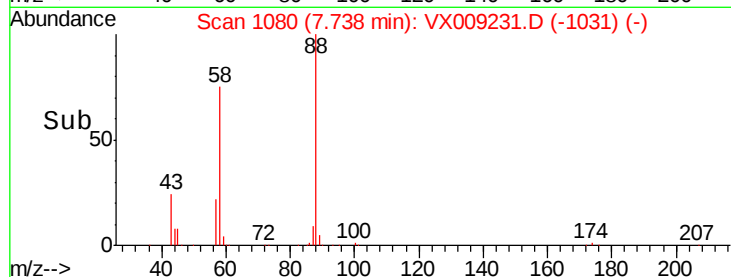
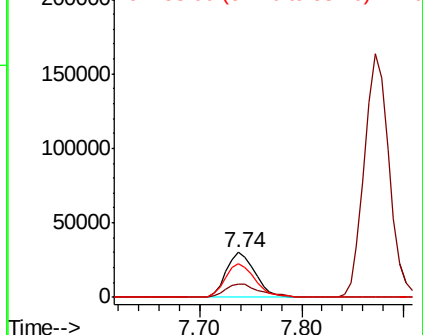
#49
1,4-Dioxane
Concen: 926.076 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 58966
Ion Ratio Lower Upper
88 100
43 37.5 28.6 42.8
58 78.6 61.7 92.5

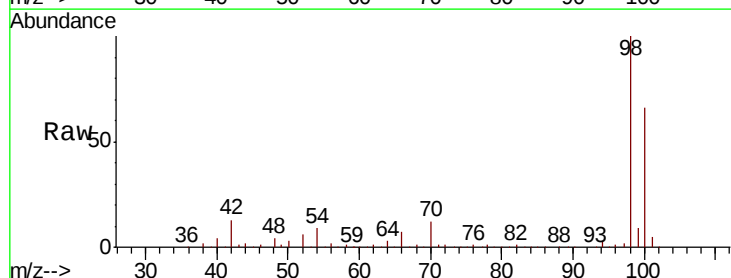


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

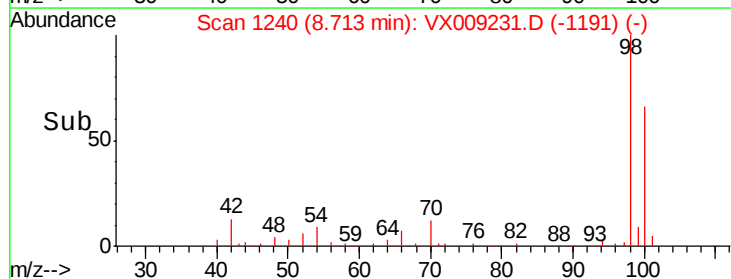
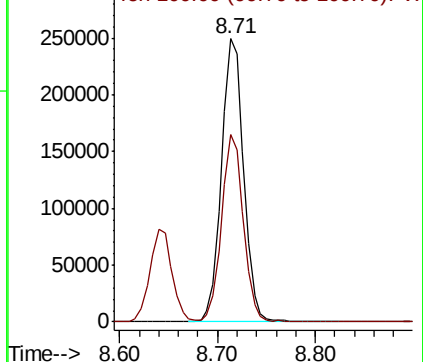


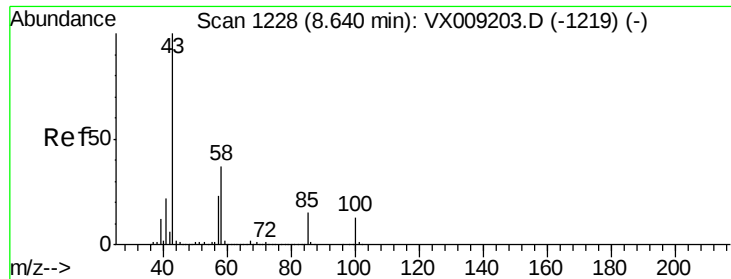
#50
Toluene-d8
Concen: 50.601 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

Tgt Ion: 98 Resp: 392412
Ion Ratio Lower Upper
98 100
100 65.2 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 249.361 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

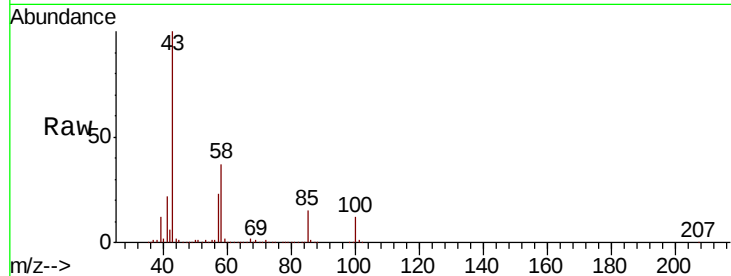
VSTDCCC050EC

Tgt Ion: 43 Resp: 1031466

Ion Ratio Lower Upper

43 100

58 36.8 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

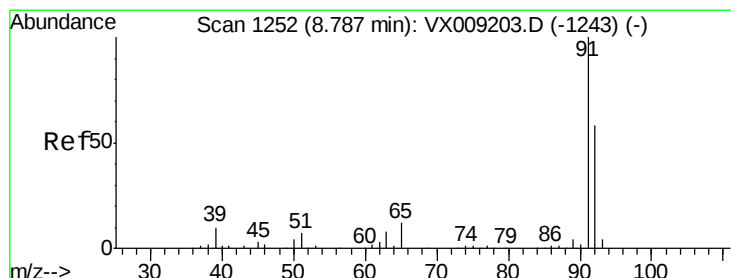
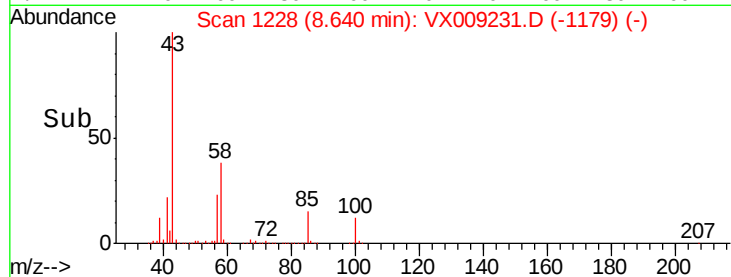
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.210 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009231.D

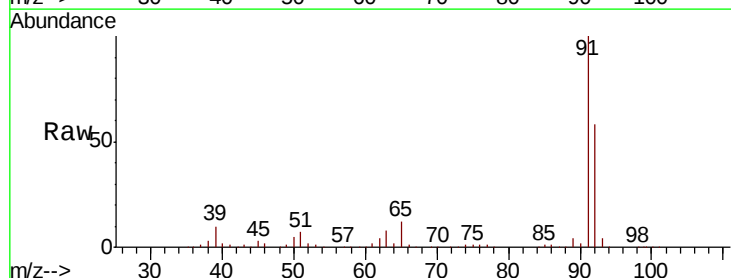
Acq: 30 Apr 2019 00:32

Tgt Ion: 92 Resp: 262880

Ion Ratio Lower Upper

92 100

91 174.3 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

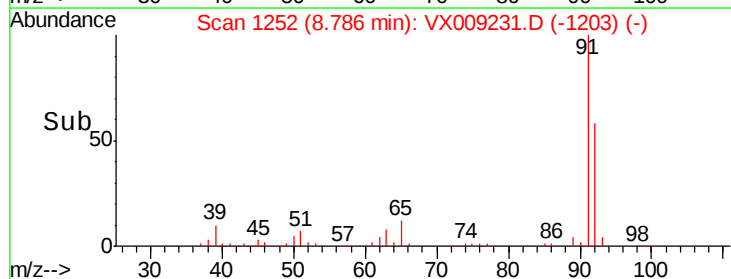
300000

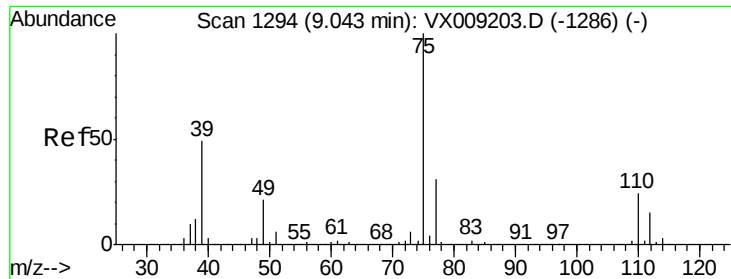
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.395 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

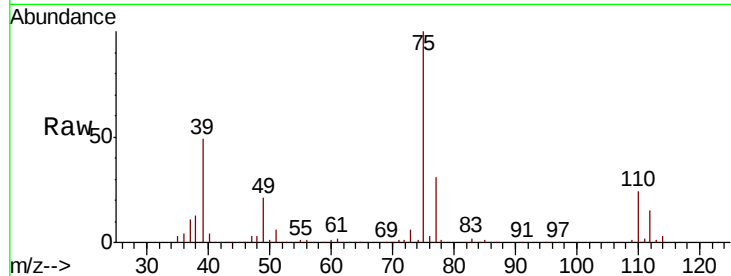
VSTDCCC050EC

Tgt Ion: 75 Resp: 160748

Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

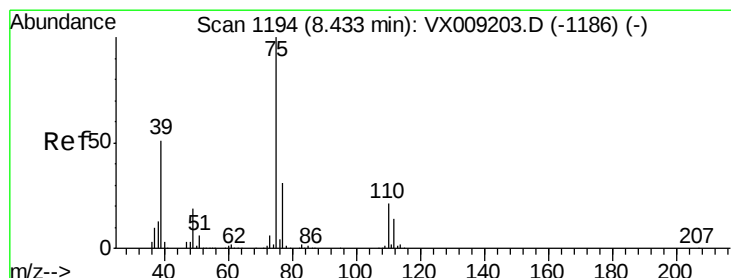
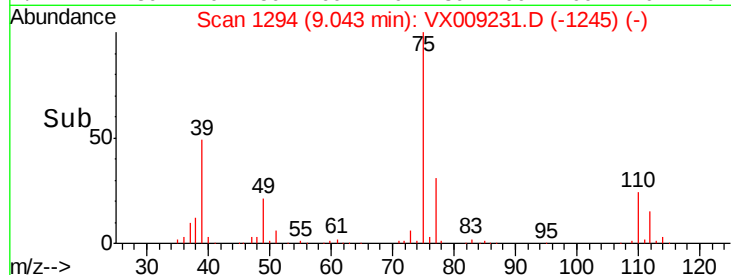
60000

40000

20000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 49.199 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

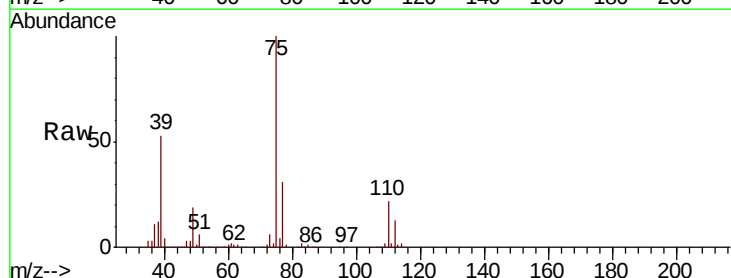
Tgt Ion: 75 Resp: 177219

Ion Ratio Lower Upper

75 100

77 30.5 24.6 36.8

39 53.0 40.6 60.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

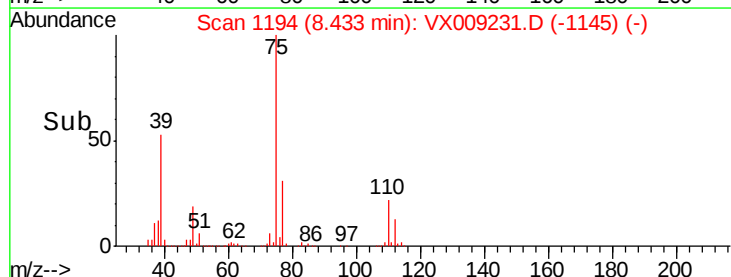
150000

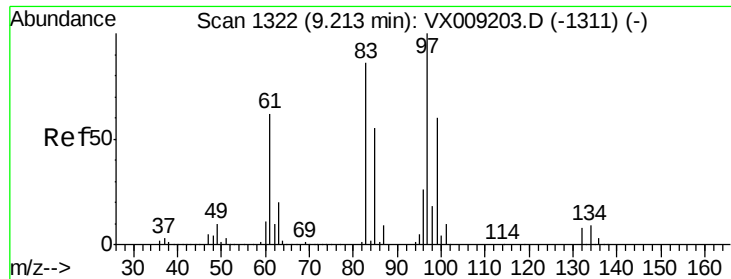
100000

50000

0

Time--> 8.40 8.50

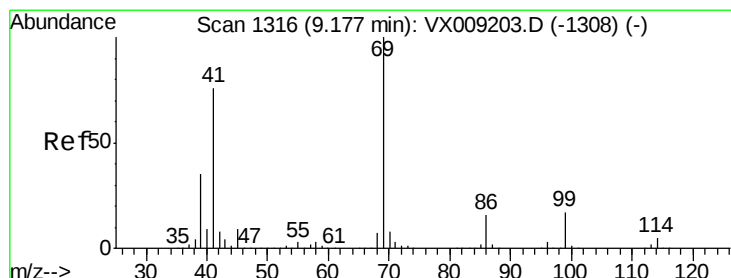
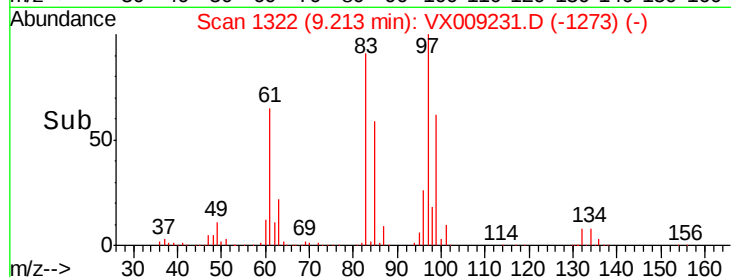
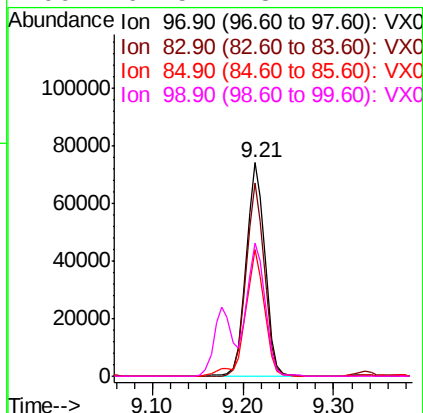
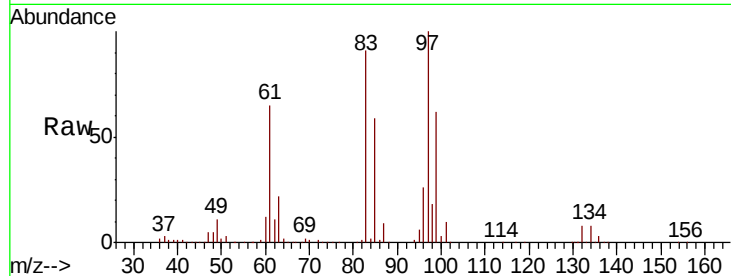




#55
 1,1,2-Trichloroethane
 Concen: 48.976 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

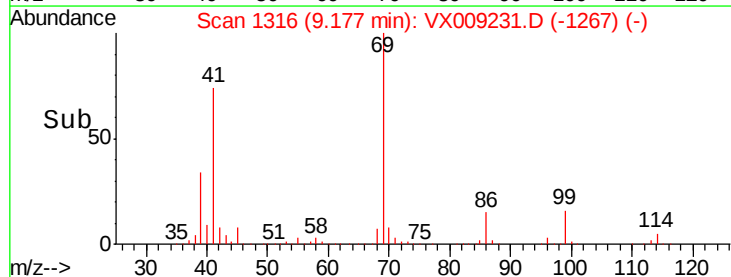
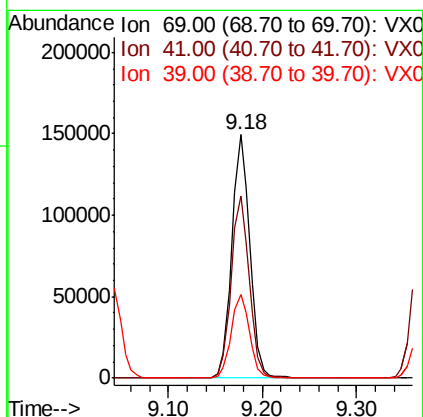
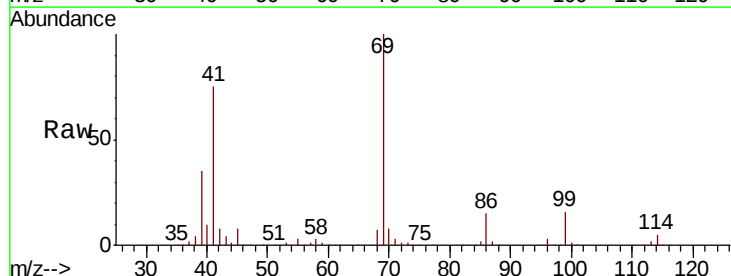
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

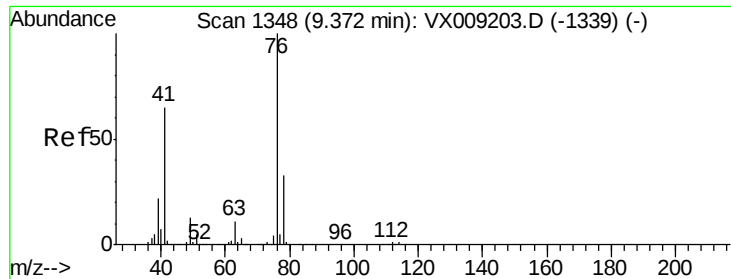
Tgt Ion:	97	Resp:	106739
Ion	Ratio	Lower	Upper
97	100		
83	90.6	68.9	103.3
85	59.1	43.8	65.6
99	62.5	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 50.970 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

Tgt Ion:	69	Resp:	198290
Ion	Ratio	Lower	Upper
69	100		
41	75.5	60.6	90.8
39	35.1	28.2	42.4





#57

1,3-Dichloropropane

Concen: 49.428 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

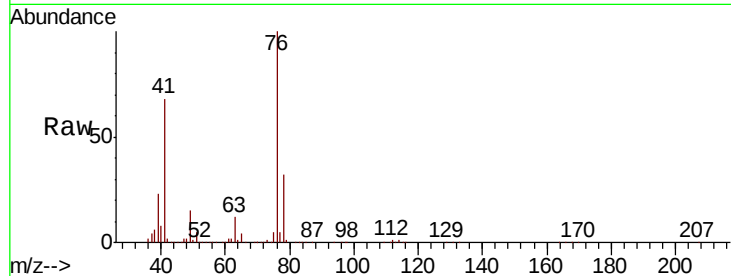
VSTDCCC050EC

Tgt Ion: 76 Resp: 189566

Ion Ratio Lower Upper

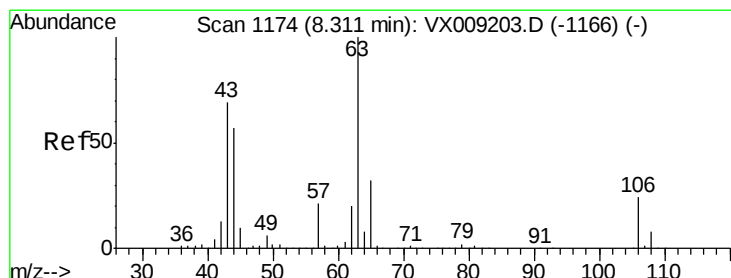
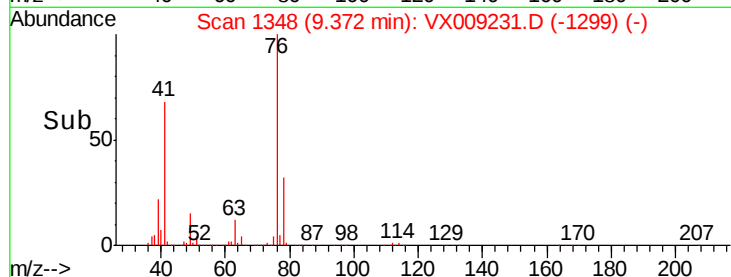
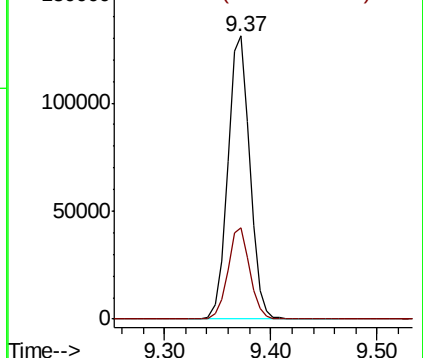
76 100

78 31.8 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 258.467 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009231.D

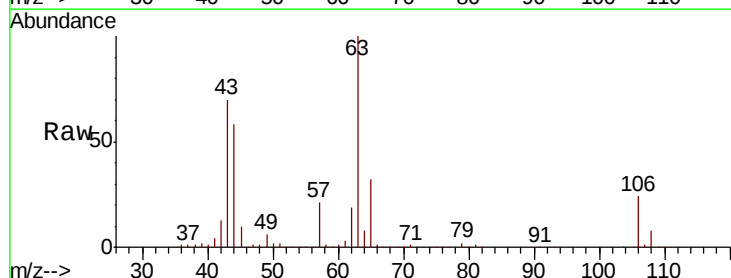
Acq: 30 Apr 2019 00:32

Tgt Ion: 63 Resp: 533428

Ion Ratio Lower Upper

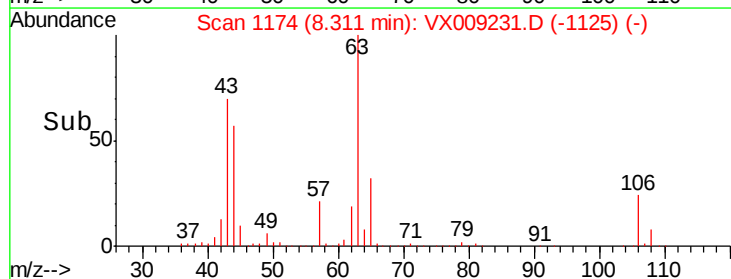
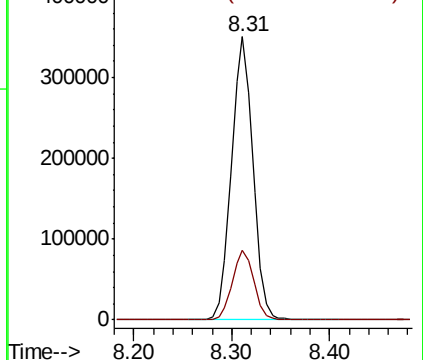
63 100

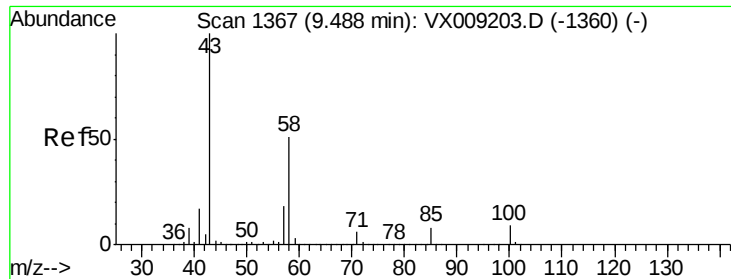
106 24.6 19.7 29.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

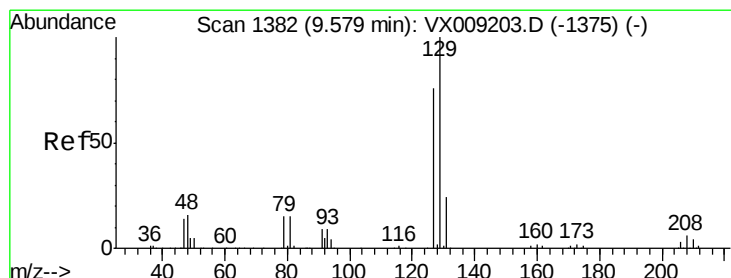
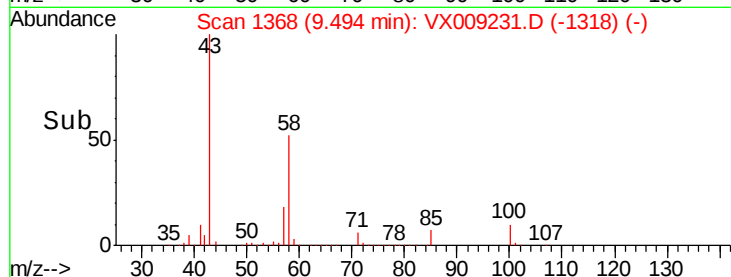
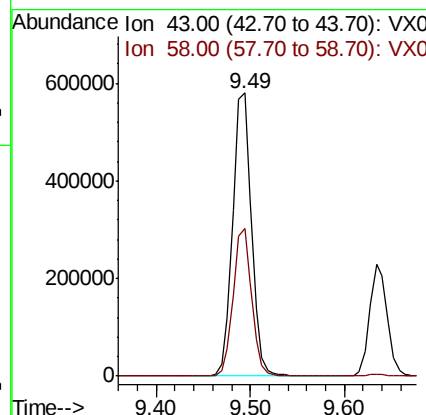
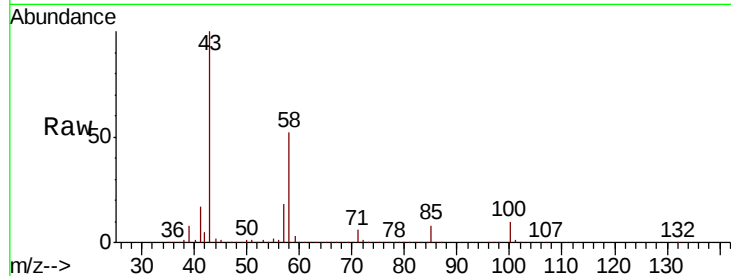




#59
2-Hexanone
Concen: 248.145 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

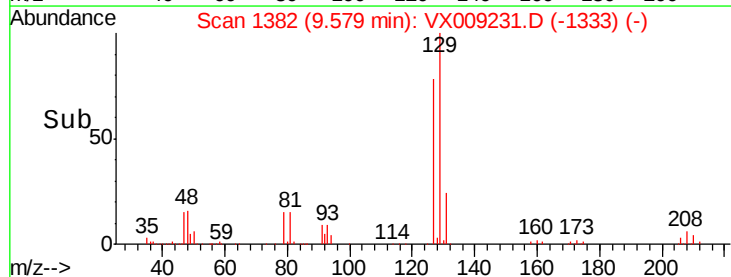
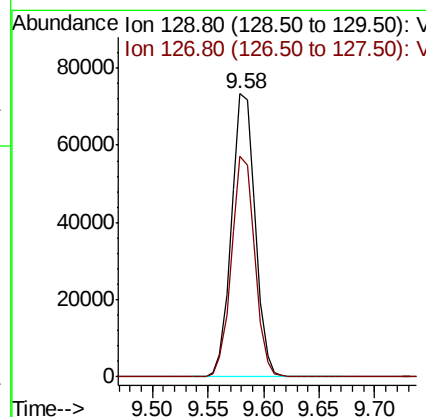
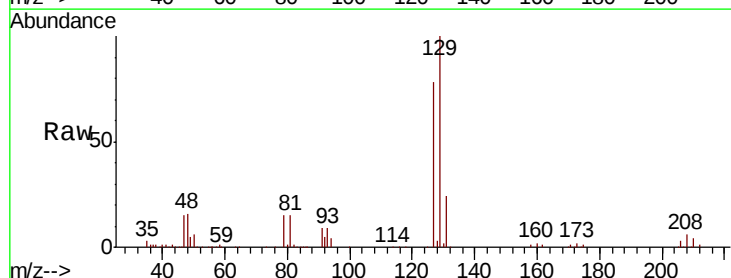
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

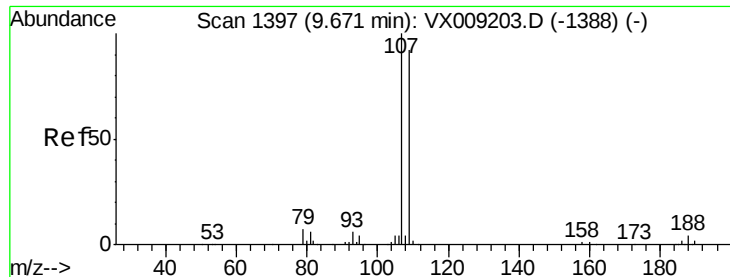
Tgt Ion: 43 Resp: 806149
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.7



#60
Dibromochloromethane
Concen: 50.704 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

Tgt Ion: 129 Resp: 107927
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 49.618 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

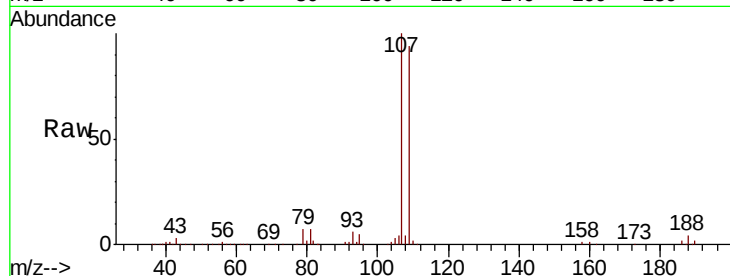
VSTDCCC050EC

Tgt Ion: 107 Resp: 109158

Ion Ratio Lower Upper

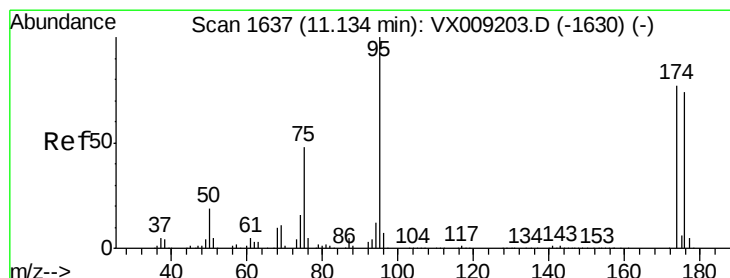
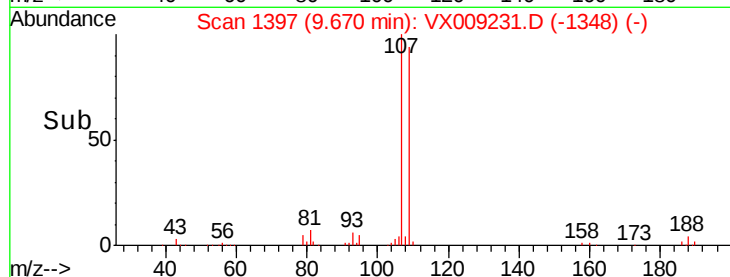
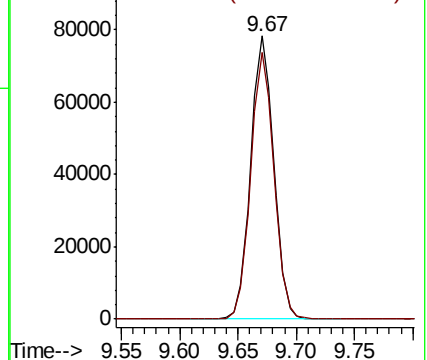
107 100

109 94.7 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.325 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

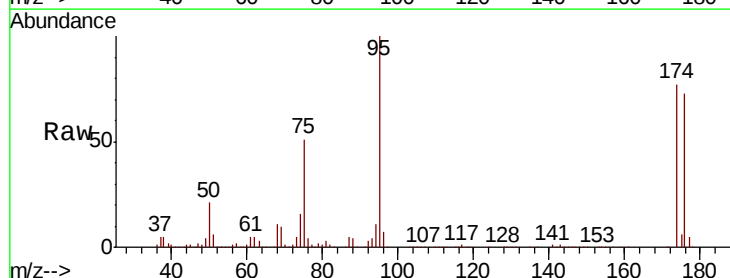
Tgt Ion: 95 Resp: 141811

Ion Ratio Lower Upper

95 100

174 81.1 0.0 161.6

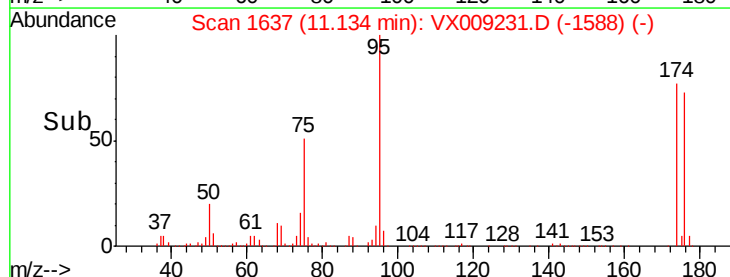
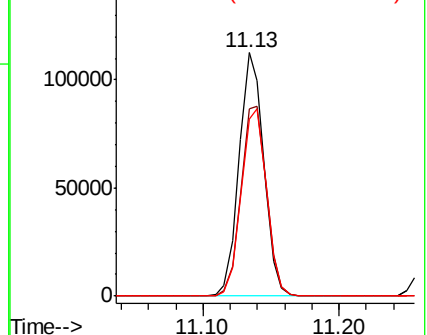
176 78.9 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

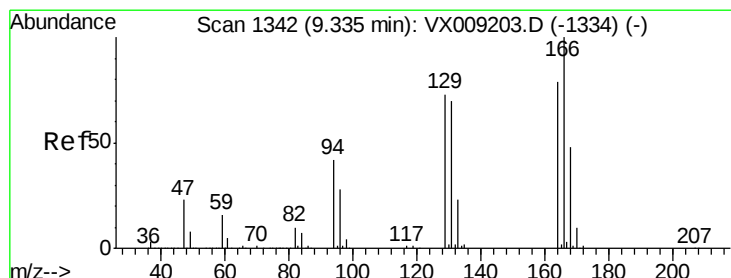
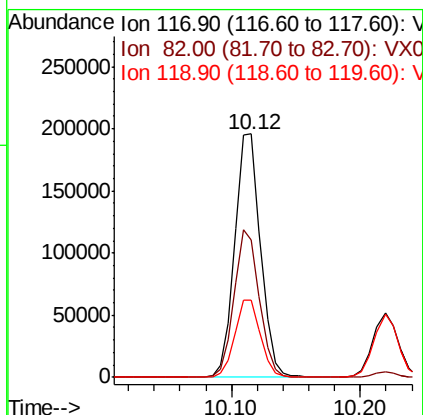
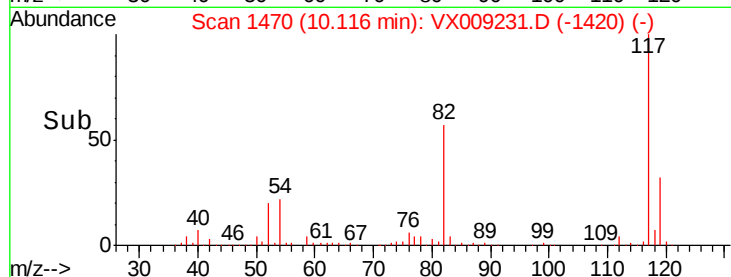
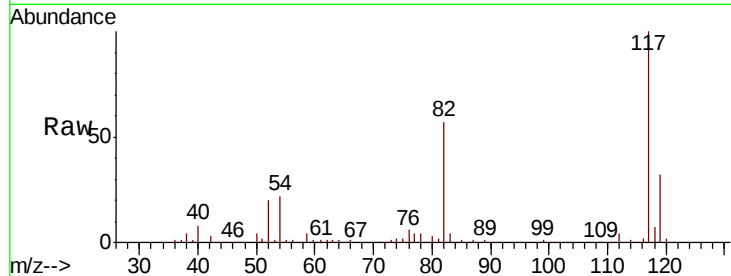




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

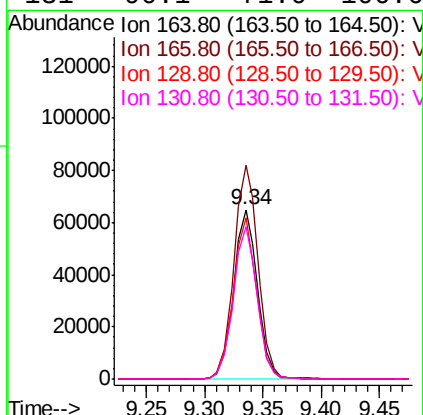
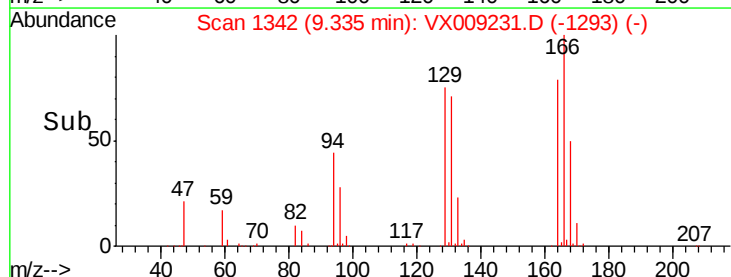
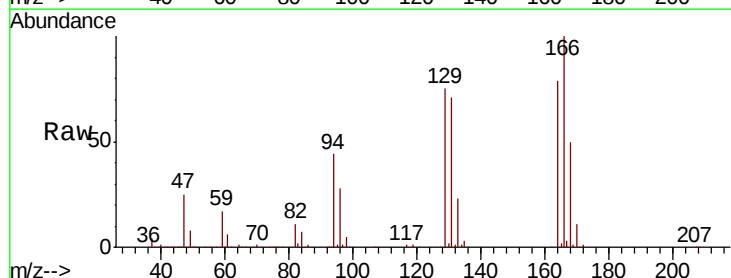
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

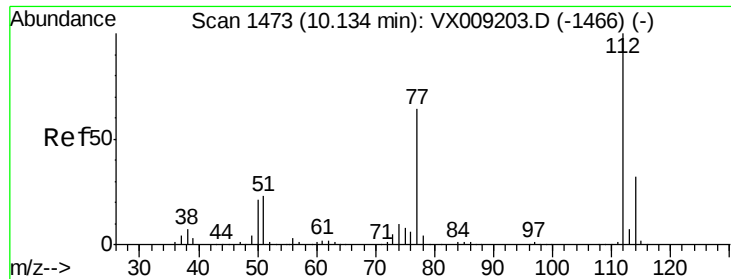
Tgt Ion:117 Resp: 274625
Ion Ratio Lower Upper
117 100
82 56.5 48.8 73.2
119 31.9 25.8 38.6



#64
Tetrachloroethene
Concen: 49.172 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

Tgt Ion:164 Resp: 92630
Ion Ratio Lower Upper
164 100
166 126.4 101.2 151.8
129 95.1 74.3 111.5
131 90.1 71.0 106.6

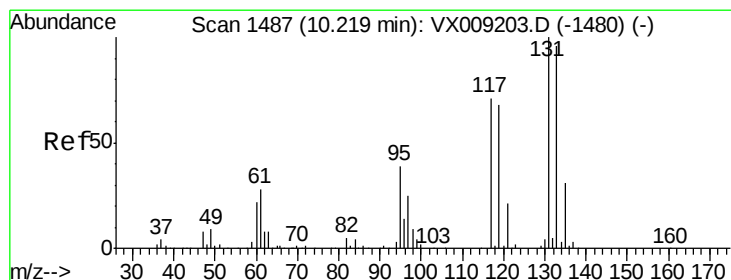
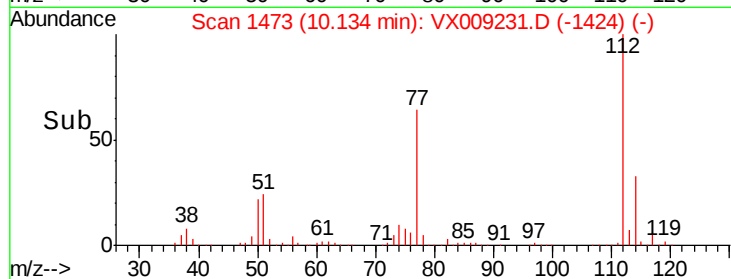
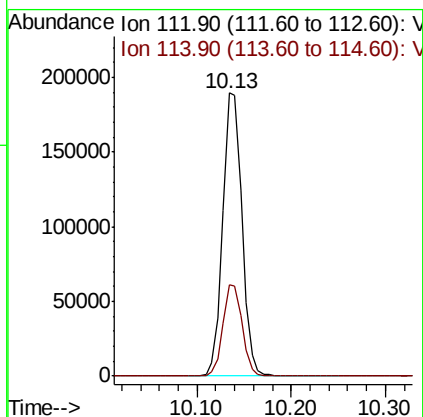
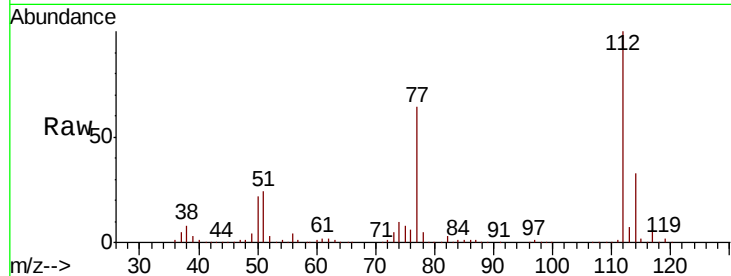




#65
Chlorobenzene
Concen: 48.940 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

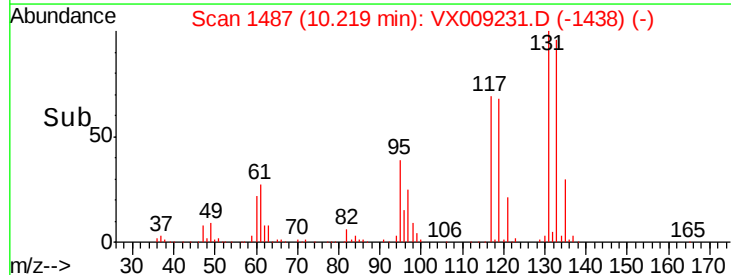
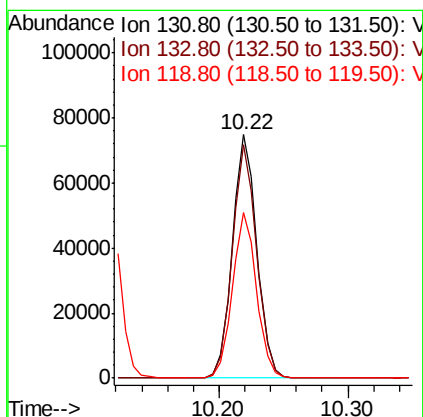
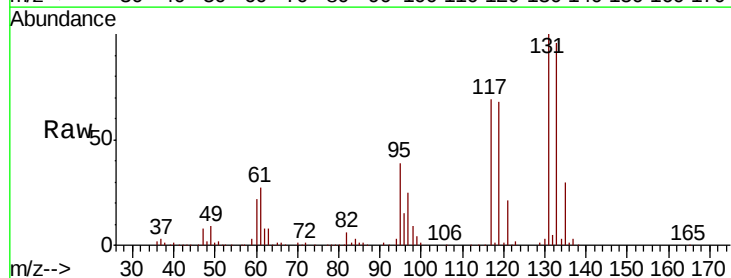
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

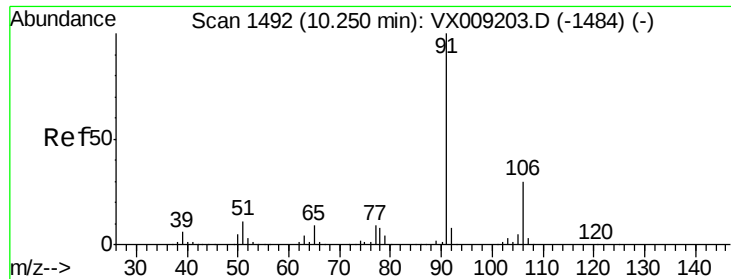
Tgt Ion:112 Resp: 268866
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.658 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

Tgt Ion:131 Resp: 98905
Ion Ratio Lower Upper
131 100
133 95.7 47.7 143.1
119 67.3 33.5 100.4

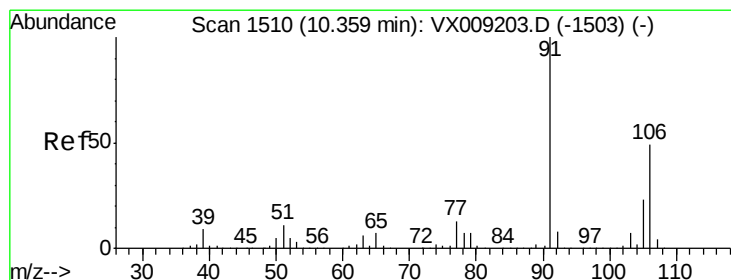
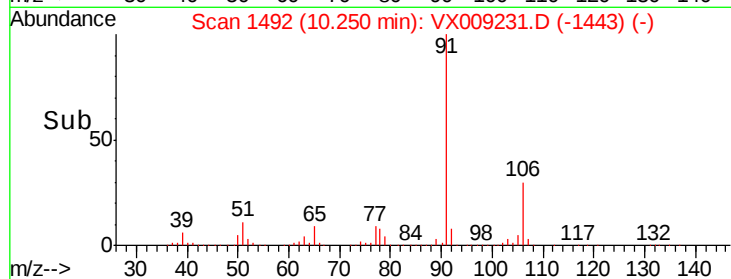
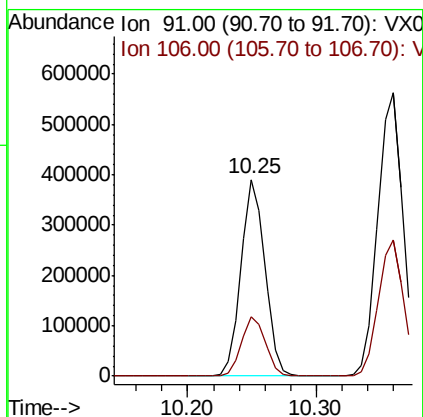
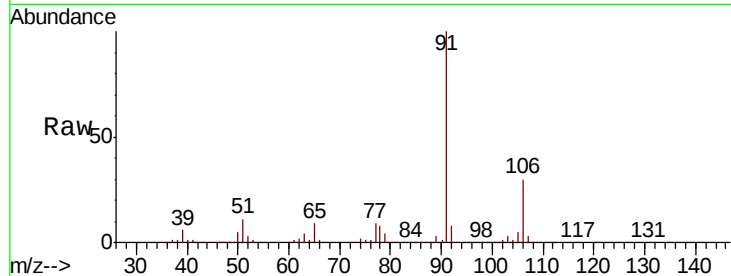




#67
Ethyl Benzene
Concen: 49.768 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

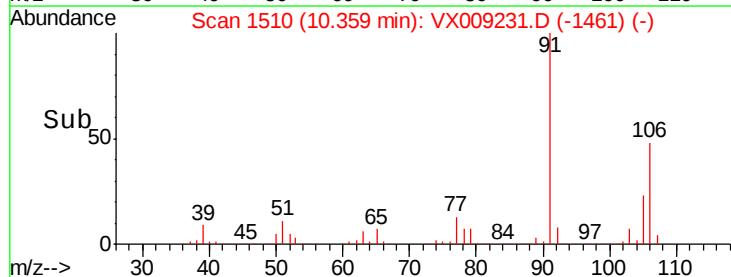
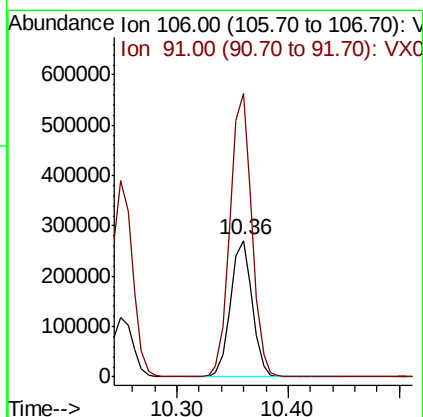
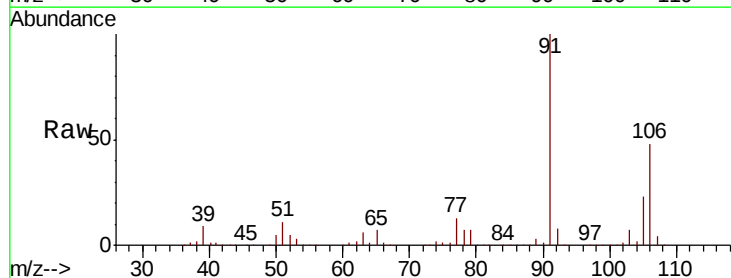
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

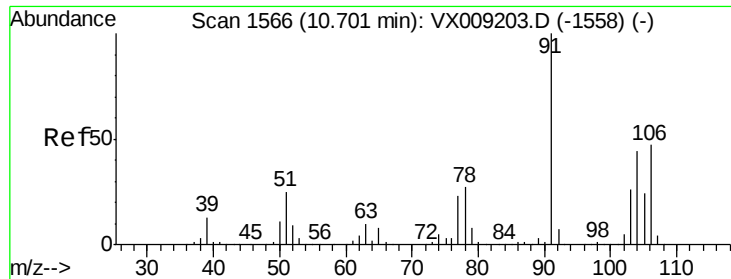
Tgt Ion: 91 Resp: 503180
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0



#68
m/p-Xylenes
Concen: 98.533 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

Tgt Ion: 106 Resp: 364053
Ion Ratio Lower Upper
106 100
91 208.7 164.0 246.0

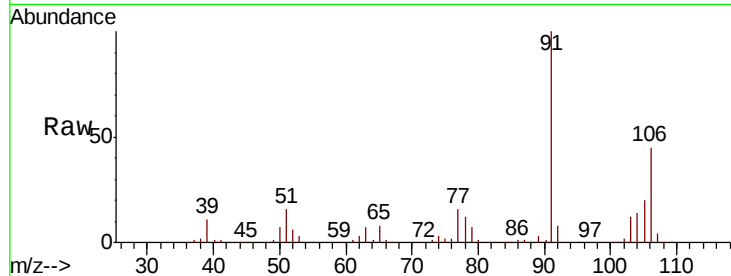




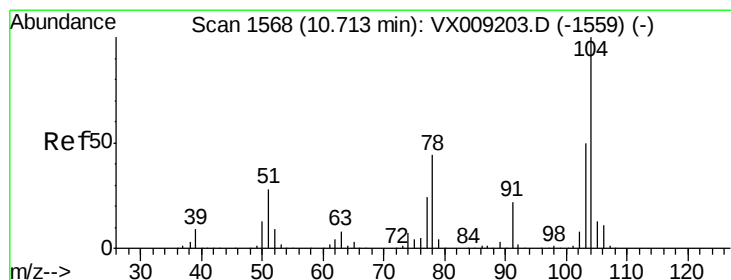
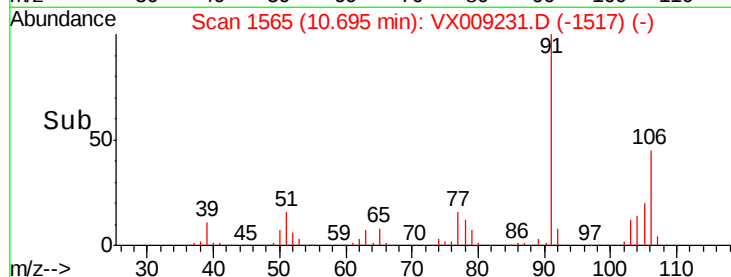
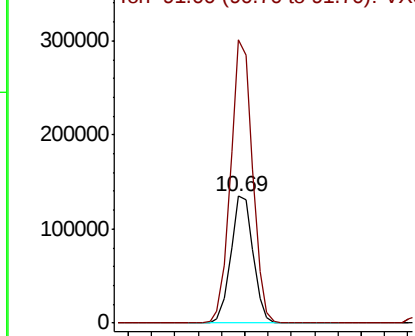
#69
o-Xylene
Concen: 49.368 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 179965
Ion Ratio Lower Upper
106 100
91 219.1 109.5 328.4

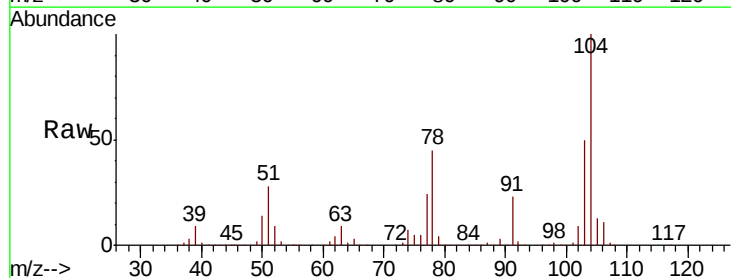


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

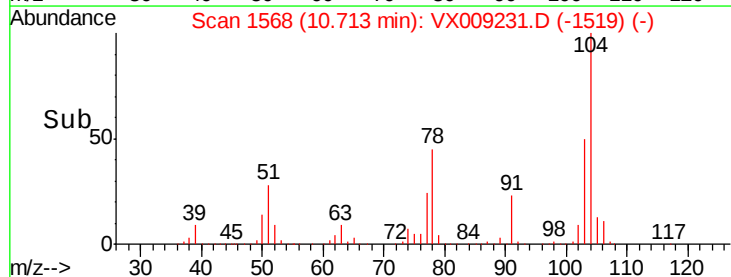
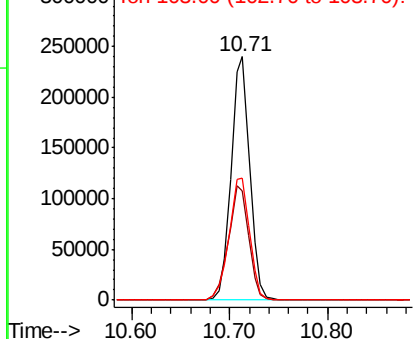


#70
Styrene
Concen: 49.926 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

Tgt Ion:104 Resp: 316329
Ion Ratio Lower Upper
104 100
78 51.5 41.0 61.4
103 55.5 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

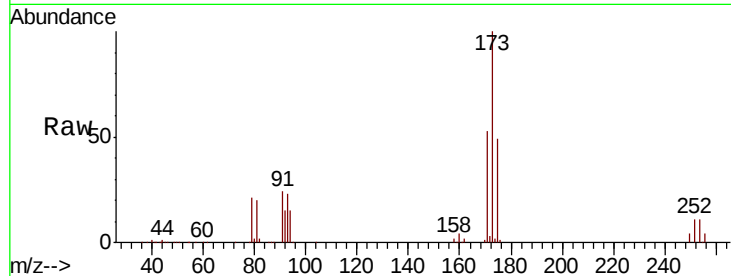




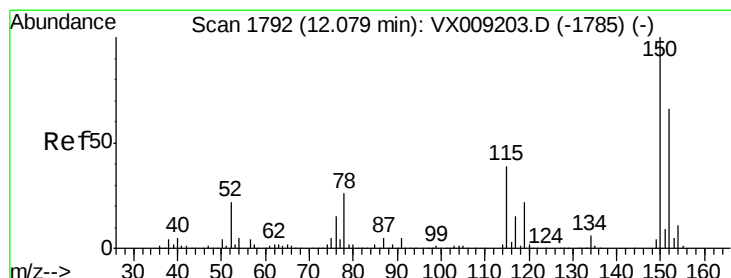
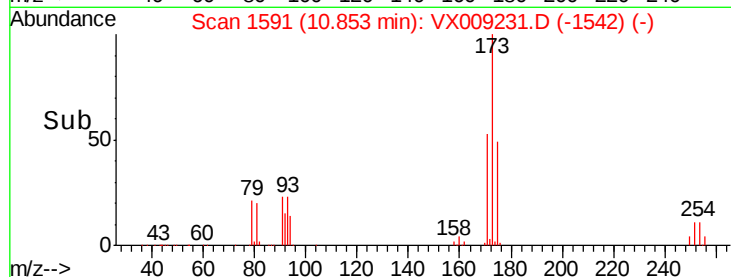
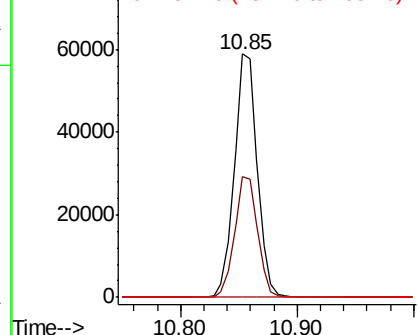
#71
Bromoform
Concen: 49.838 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 80666
Ion Ratio Lower Upper
173 100
175 49.3 24.5 73.5
254 0.2 0.1 0.1#

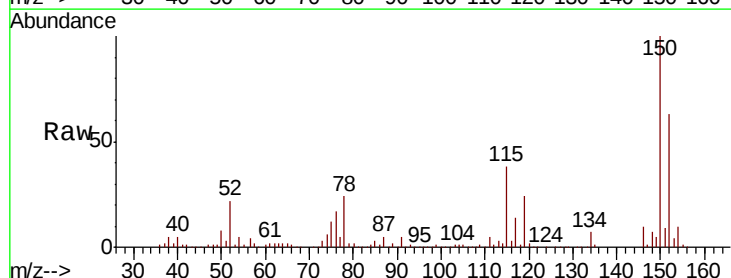


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

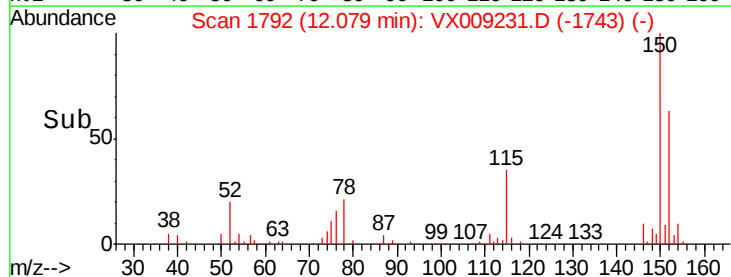
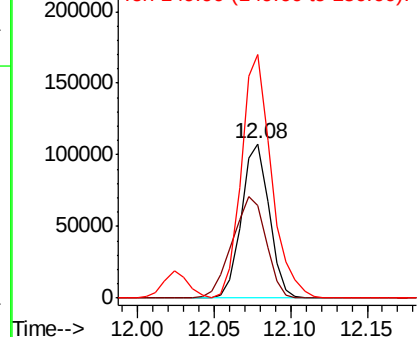


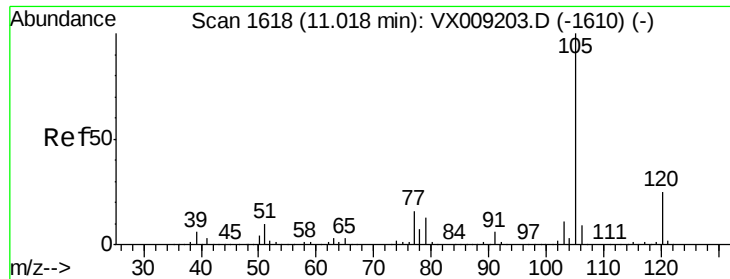
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

Tgt Ion:152 Resp: 134148
Ion Ratio Lower Upper
152 100
115 81.1 41.2 123.6
150 172.2 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: 48.728 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

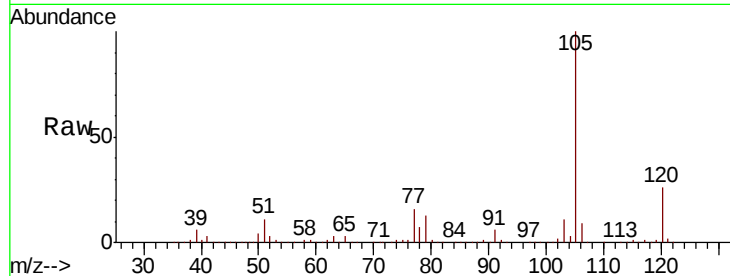
VSTDCCC050EC

Tgt Ion:105 Resp: 475343

Ion Ratio Lower Upper

105 100

120 26.1 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

400000

300000

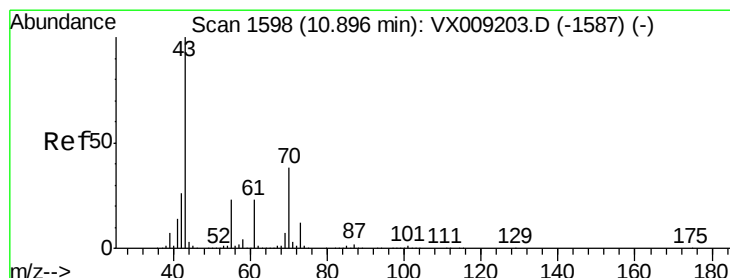
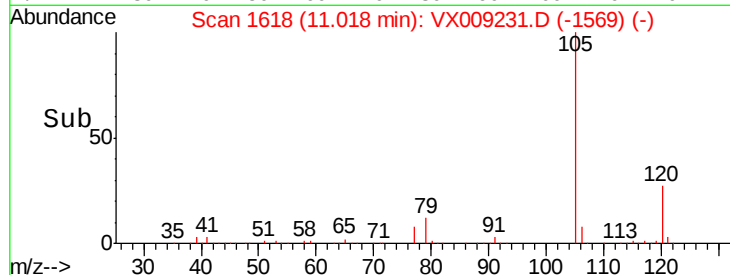
200000

100000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 51.558 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Tgt Ion: 43 Resp: 293224

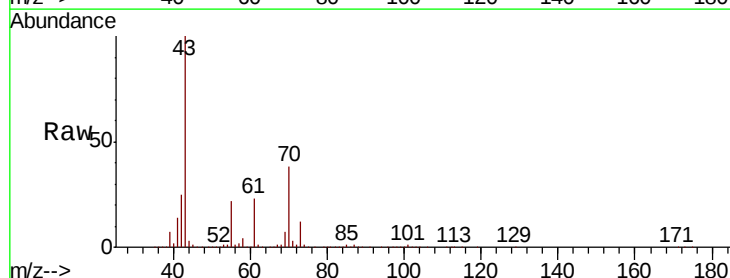
Ion Ratio Lower Upper

43 100

70 37.6 30.0 45.0

55 22.3 17.9 26.9

61 22.5 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

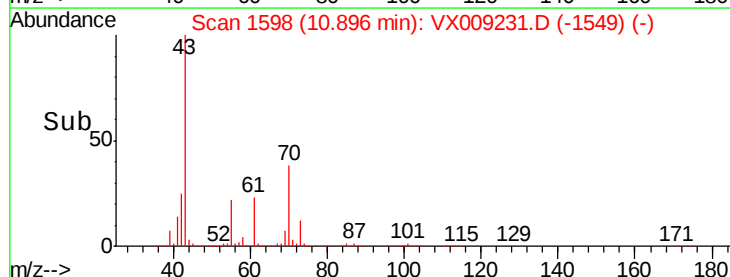
200000

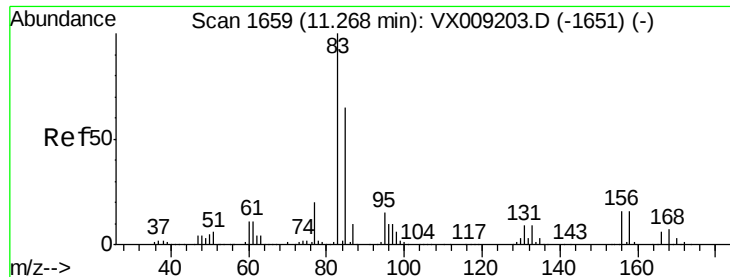
100000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 49.262 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

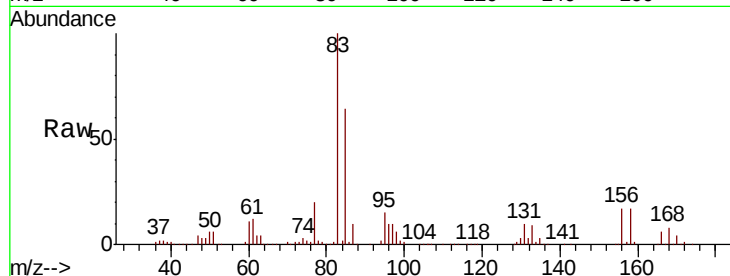
Tgt Ion: 83 Resp: 179144

Ion Ratio Lower Upper

83 100

131 9.4 4.6 13.8

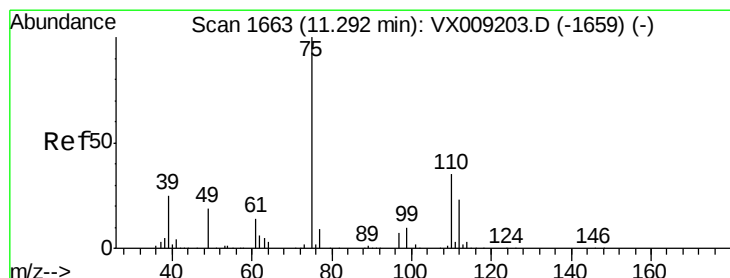
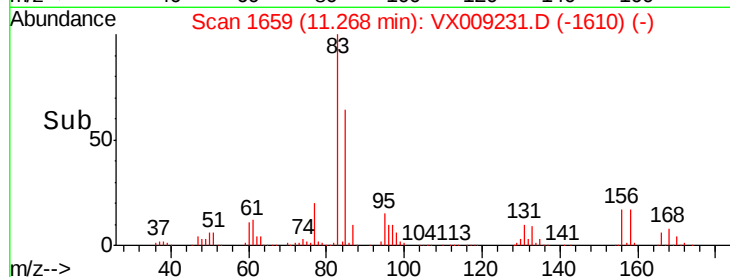
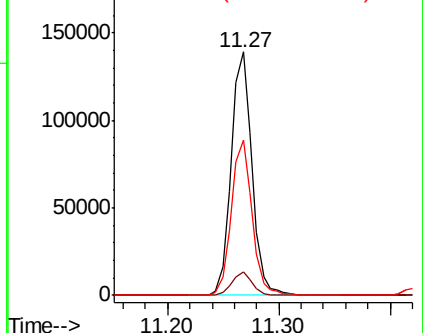
85 63.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.593 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009231.D

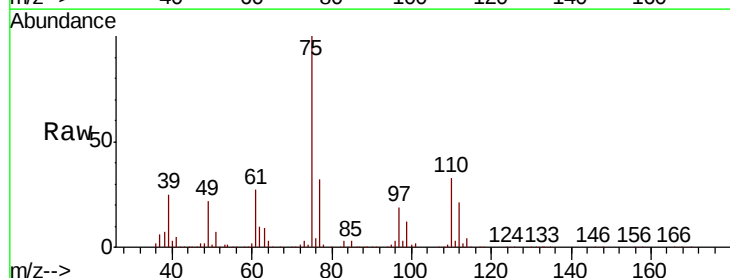
Acq: 30 Apr 2019 00:32

Tgt Ion: 75 Resp: 207220

Ion Ratio Lower Upper

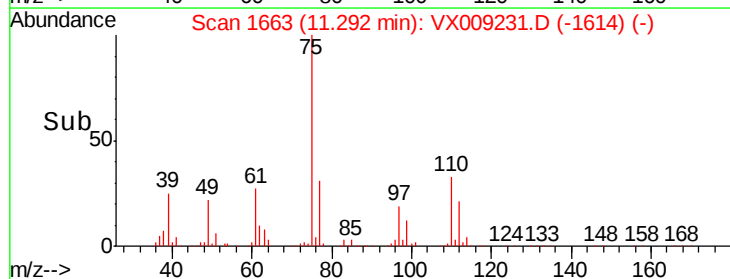
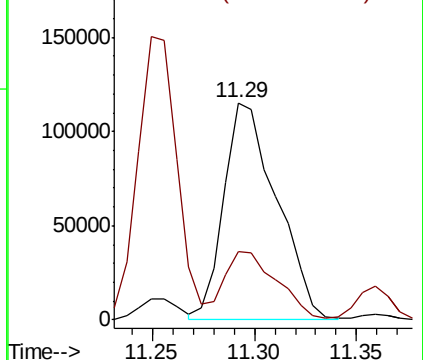
75 100

77 31.7 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: 48.997 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

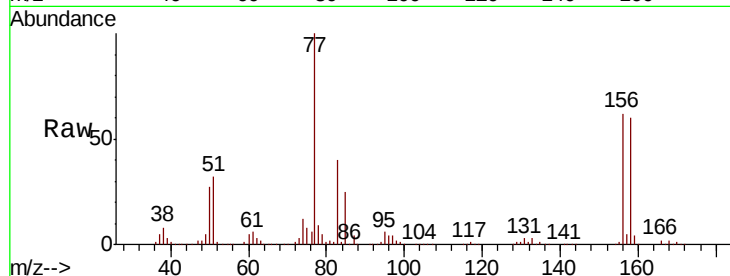
Tgt Ion:156 Resp: 118634

Ion Ratio Lower Upper

156 100

77 168.8 84.8 254.3

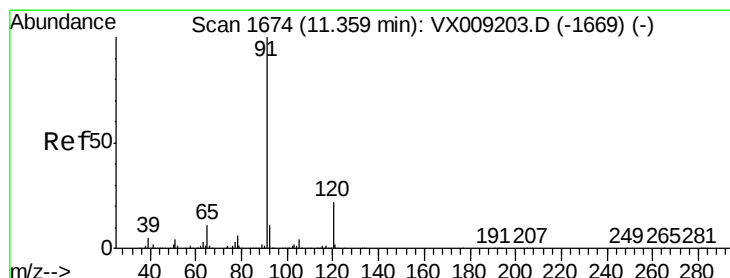
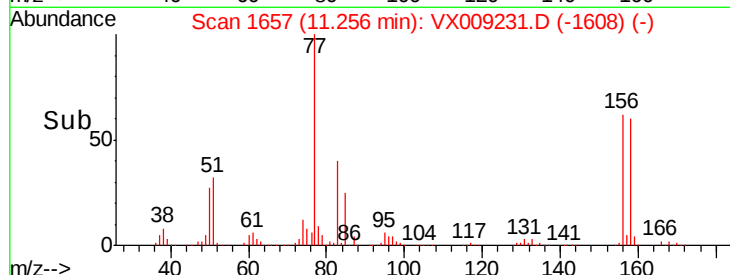
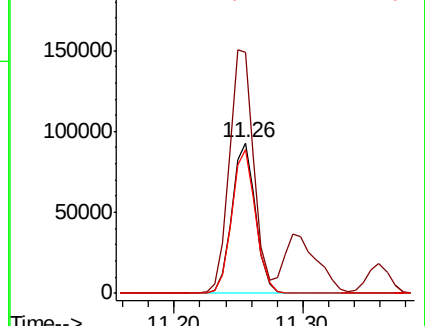
158 96.9 49.1 147.3



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: 49.070 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009231.D

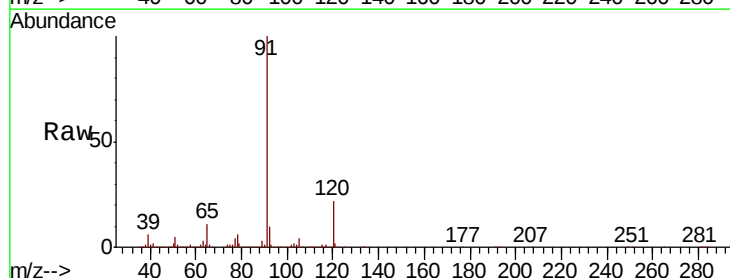
Acq: 30 Apr 2019 00:32

Tgt Ion: 91 Resp: 546676

Ion Ratio Lower Upper

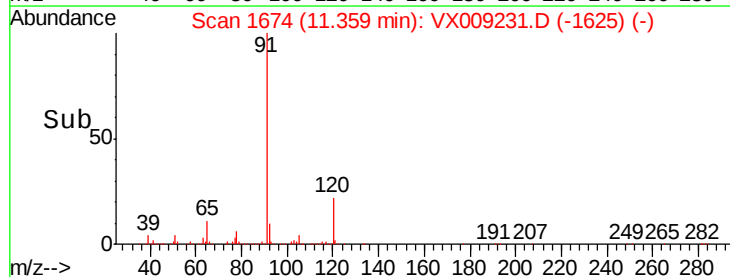
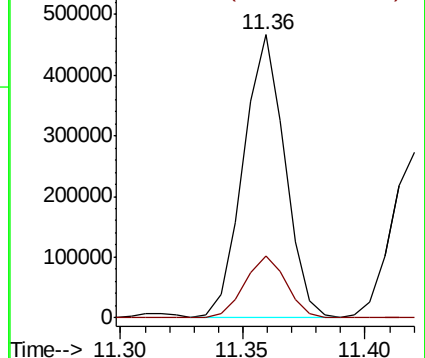
91 100

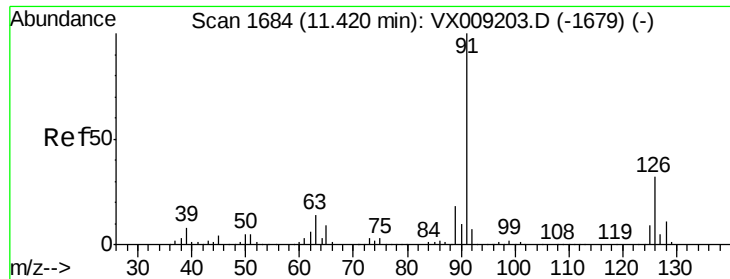
120 22.1 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

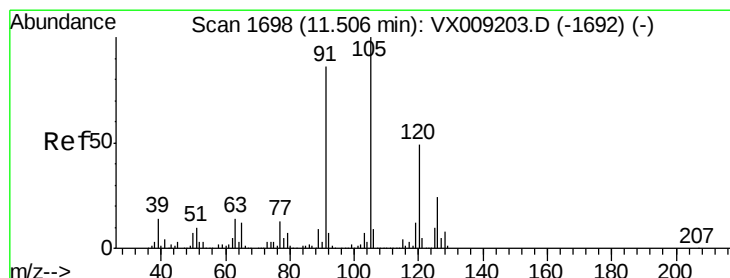
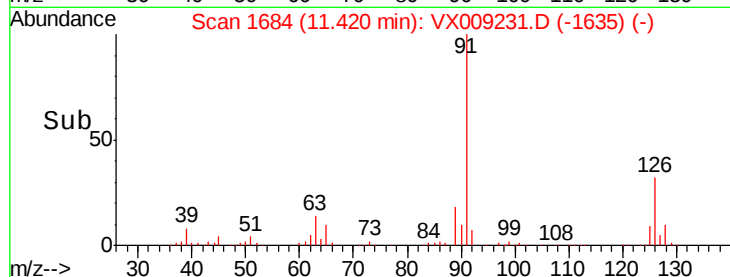
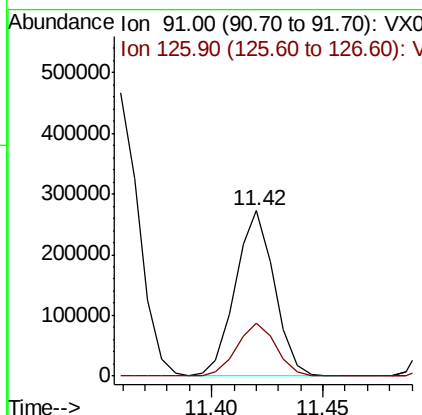
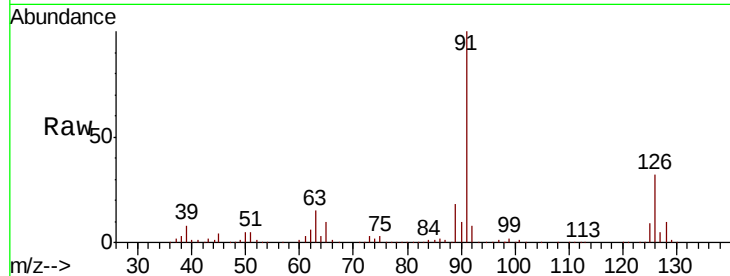




#79
 2-Chlorotoluene
 Concen: 48.153 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

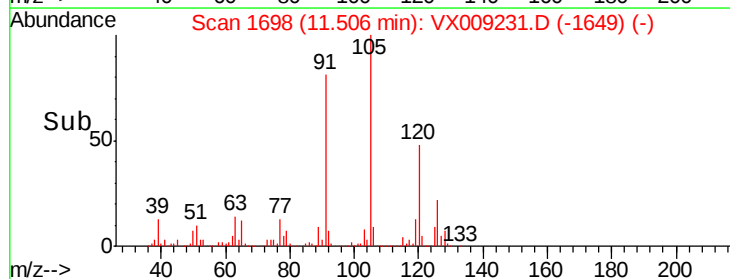
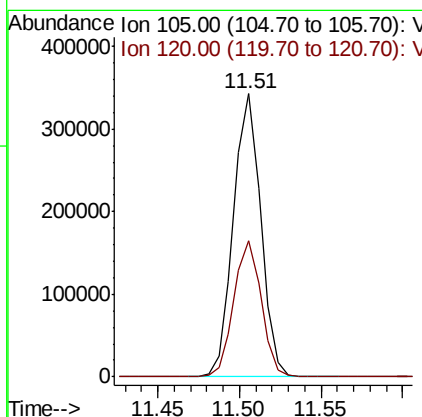
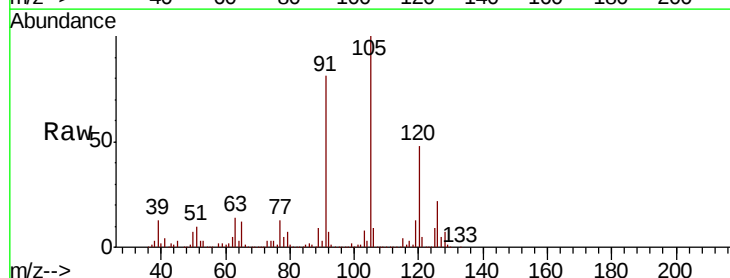
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

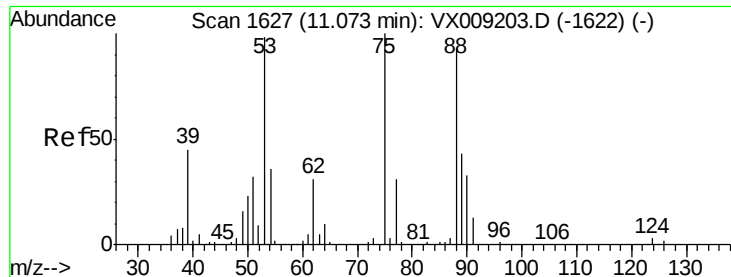
Tgt Ion: 91 Resp: 330972
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 48.858 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

Tgt Ion: 105 Resp: 401314
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 46.905 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

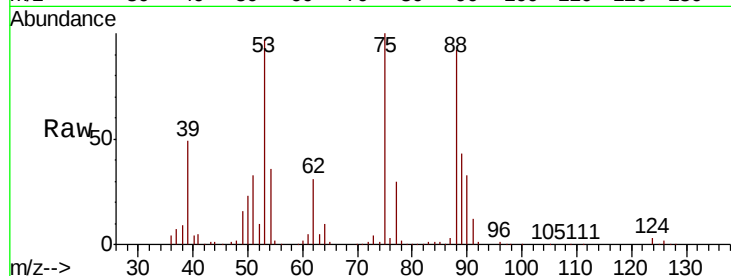
Tgt Ion: 75 Resp: 57044

Ion Ratio Lower Upper

75 100

53 98.7 79.0 118.6

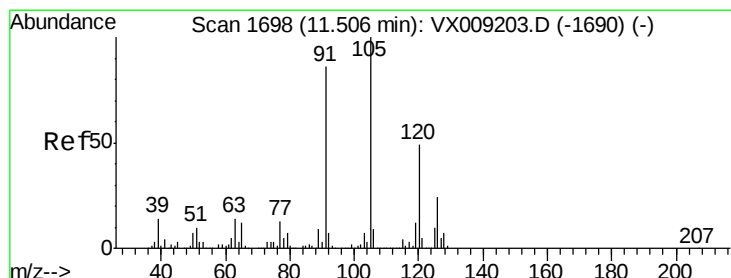
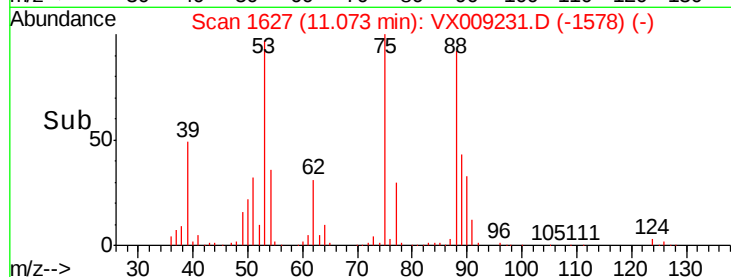
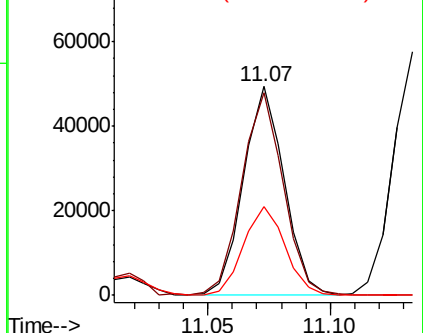
89 43.9 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.419 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009231.D

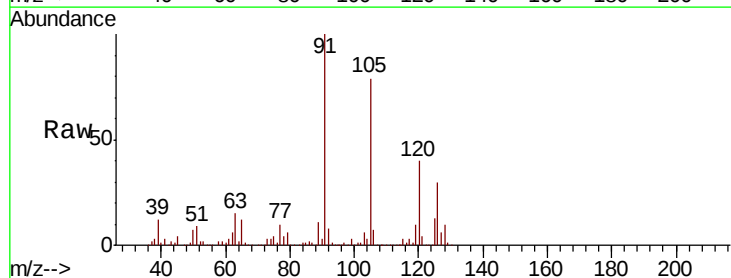
Acq: 30 Apr 2019 00:32

Tgt Ion: 91 Resp: 375971

Ion Ratio Lower Upper

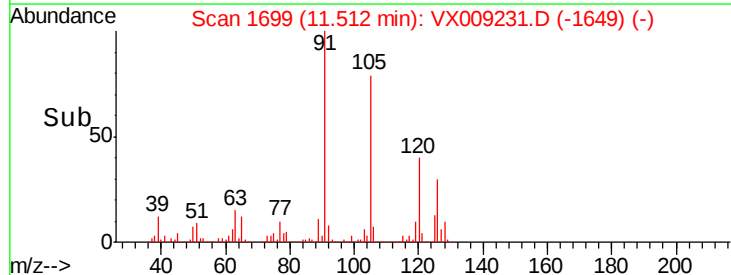
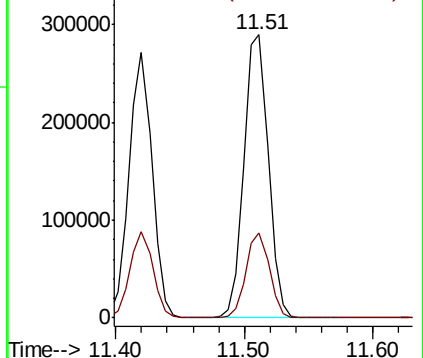
91 100

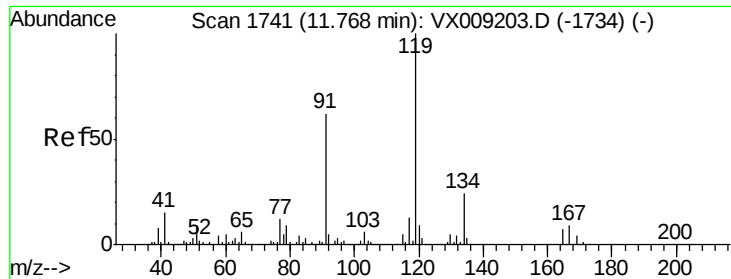
126 29.0 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

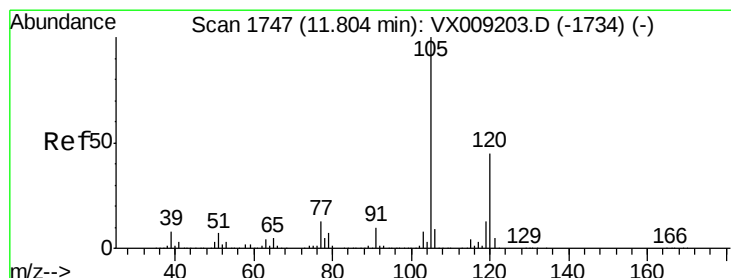
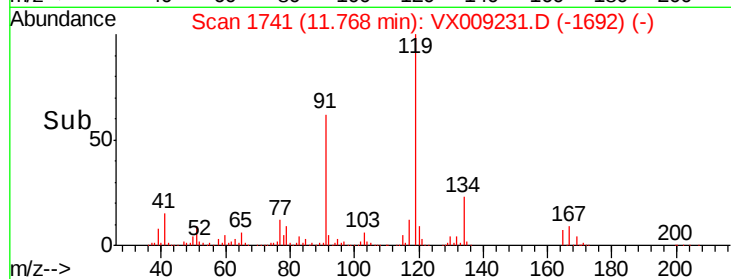
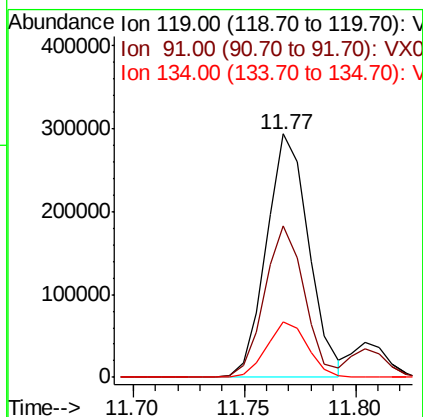
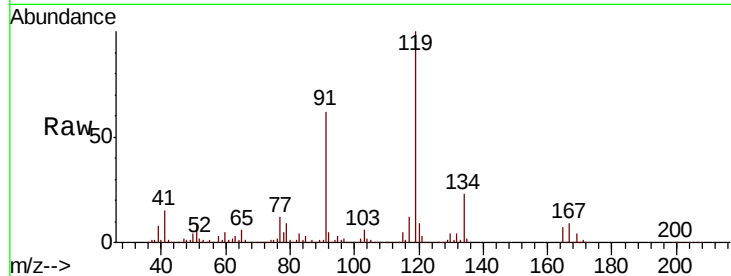




#83
 tert-Butylbenzene
 Concen: 48.441 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

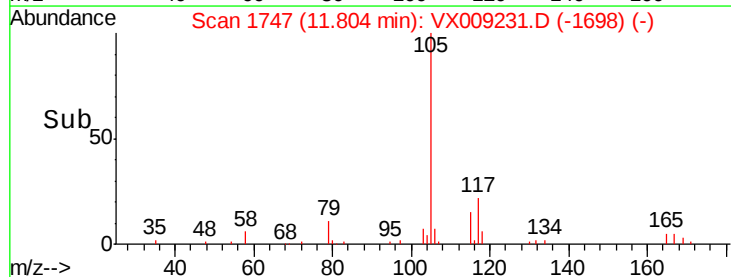
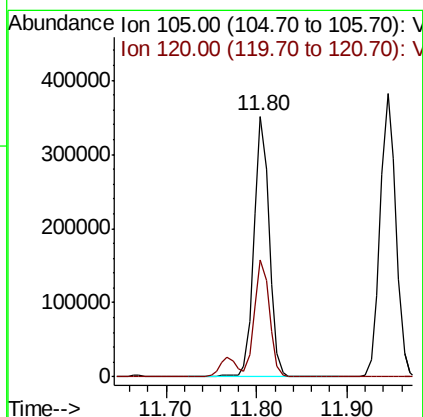
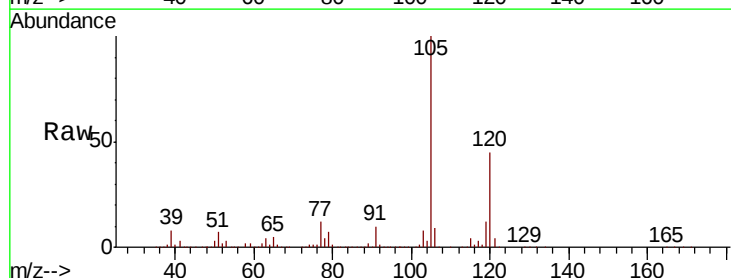
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 387057
 Ion Ratio Lower Upper
 119 100
 91 58.9 29.5 88.5
 134 22.2 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.448 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

Tgt Ion:105 Resp: 407675
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 48.503 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

Instrument :

MSVOA_X

ClientSampleId :

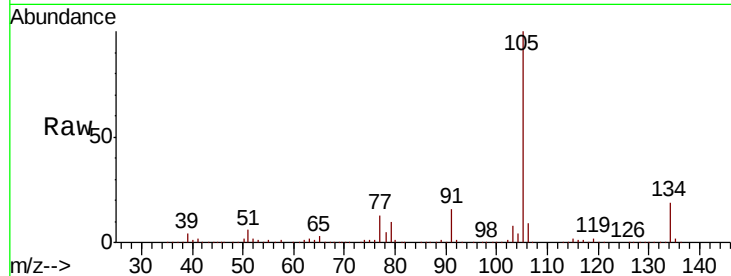
VSTDCCC050EC

Tgt Ion:105 Resp: 459473

Ion Ratio Lower Upper

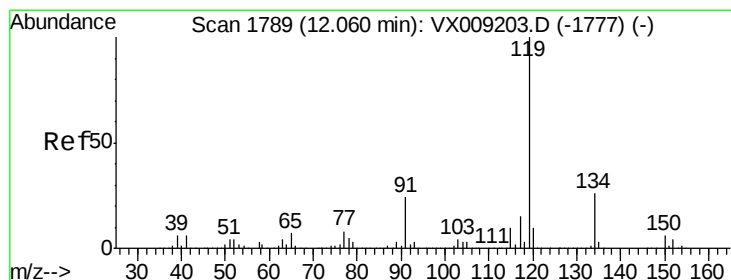
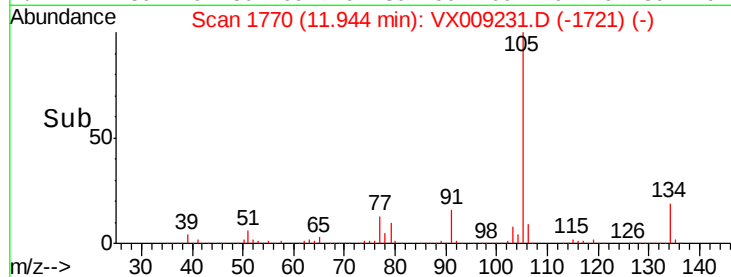
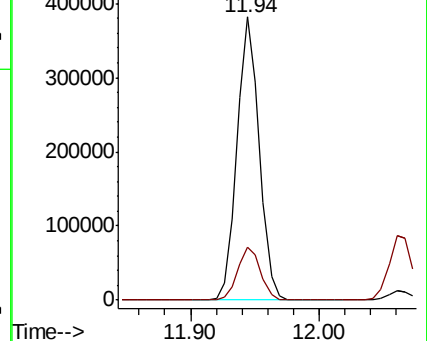
105 100

134 19.2 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: 49.131 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009231.D

Acq: 30 Apr 2019 00:32

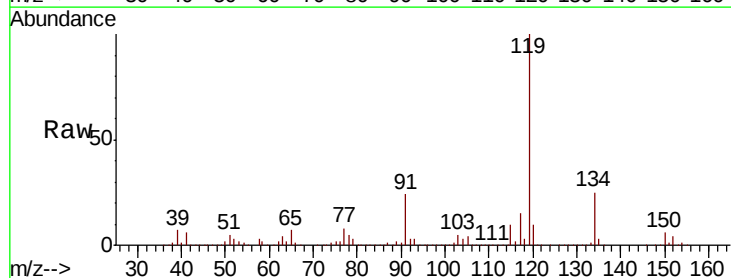
Tgt Ion:119 Resp: 418419

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

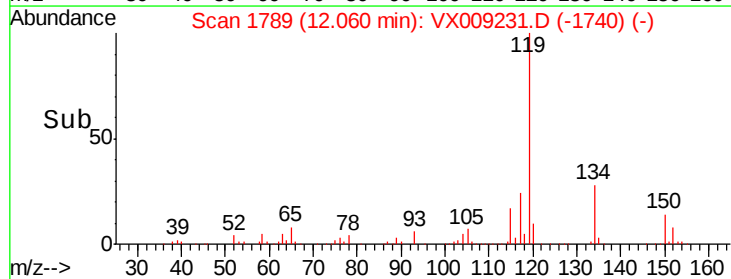
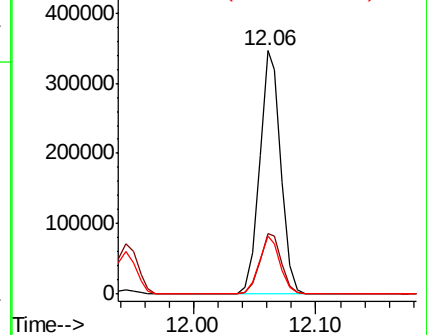
91 23.6 11.8 35.4



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): VX0

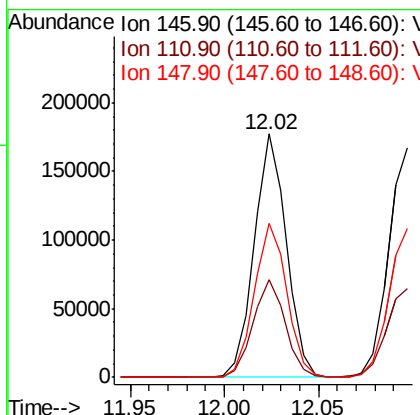
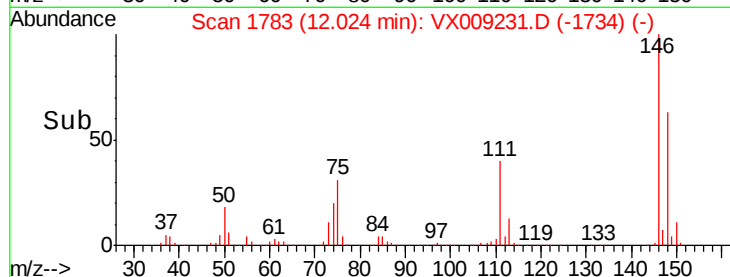
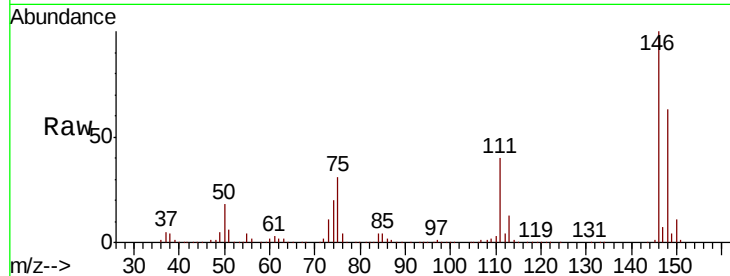




#87
 1,3-Dichlorobenzene
 Concen: 48.502 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

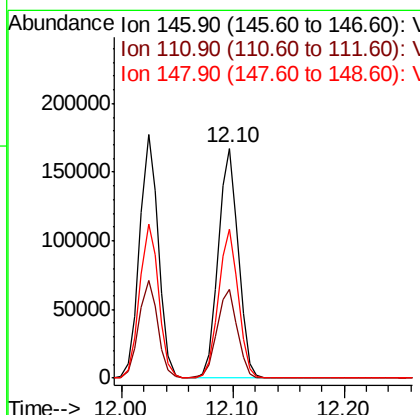
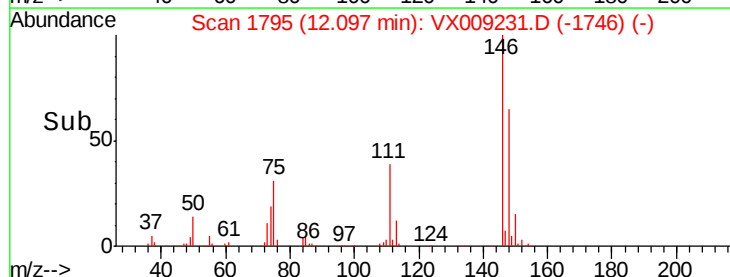
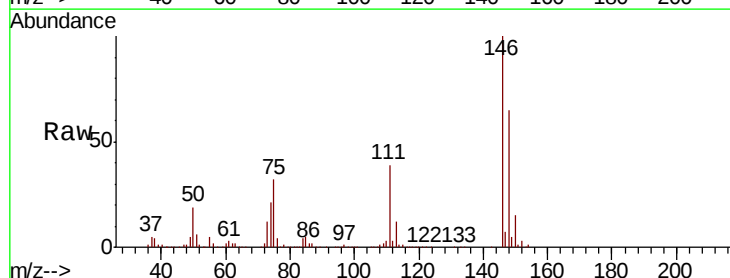
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 209350
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.0 59.9
 148 64.0 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.912 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

Tgt Ion:146 Resp: 208494
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.8
 148 64.0 31.8 95.3

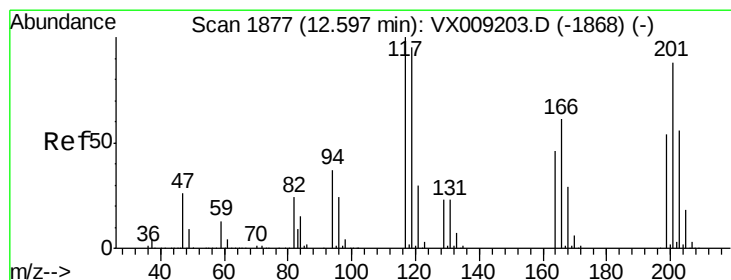
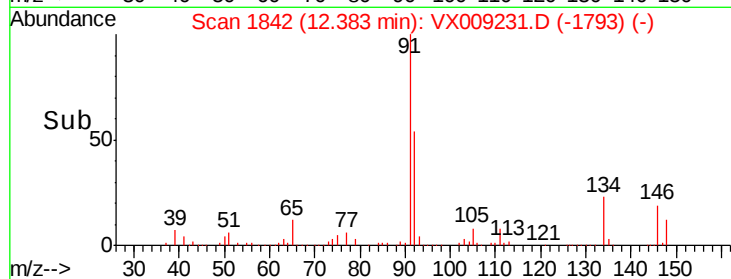
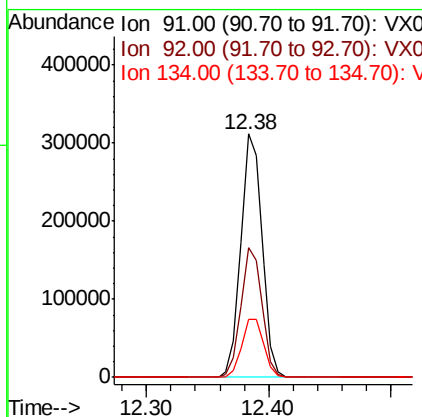
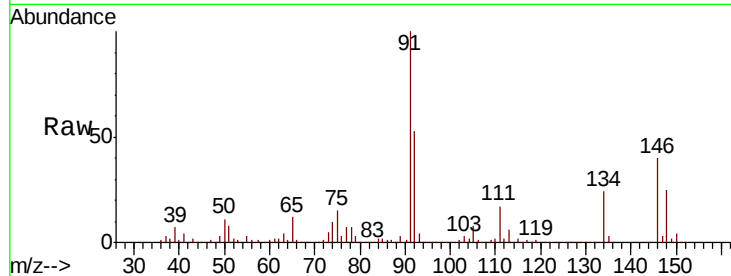




#89
n-Butylbenzene
Concen: 48.387 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

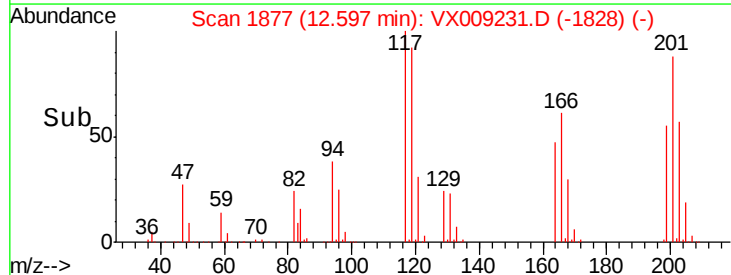
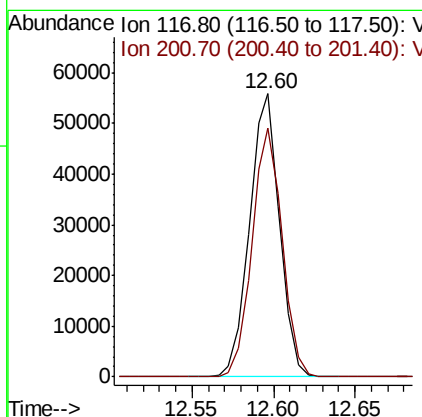
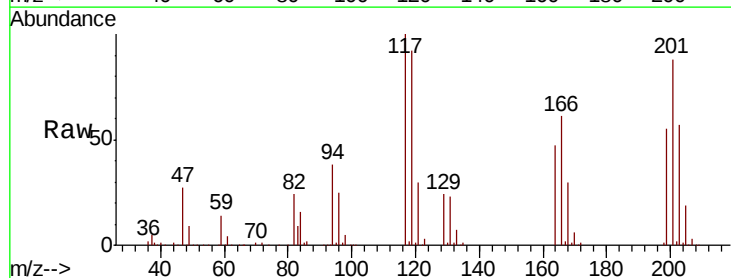
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 372454
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 24.9 12.4 37.2



#90
Hexachloroethane
Concen: 49.247 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

Tgt Ion: 117 Resp: 71453
Ion Ratio Lower Upper
117 100
201 88.1 42.3 126.9

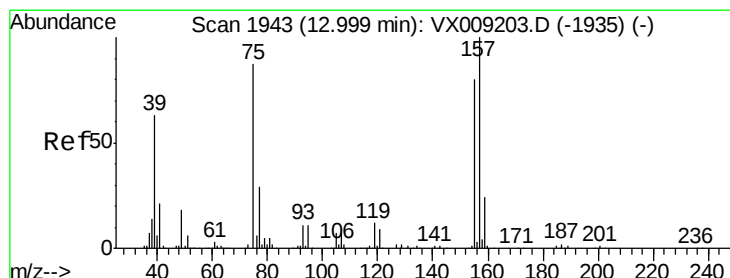
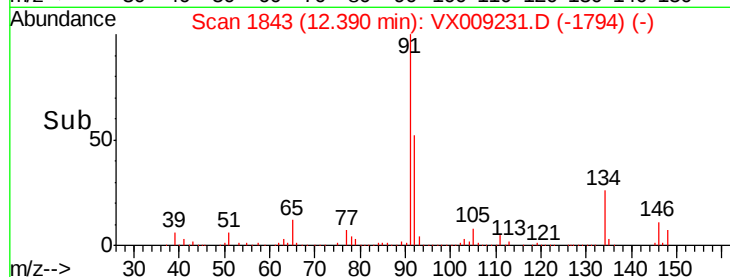
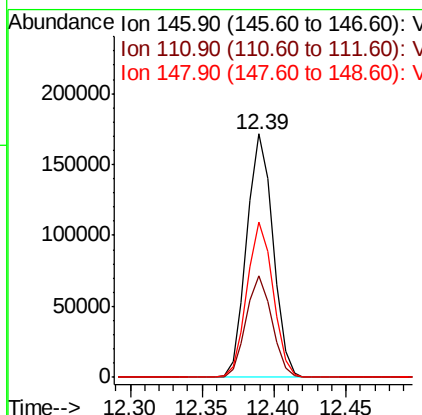
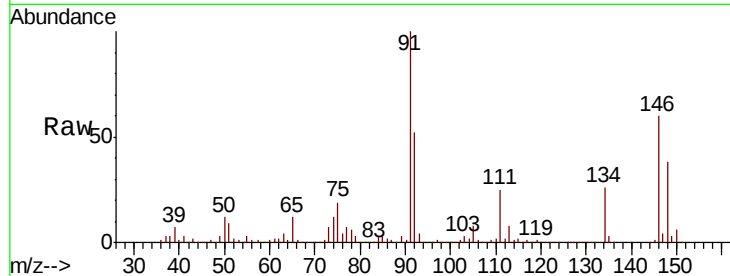




#91
 1,2-Dichlorobenzene
 Concen: 49.010 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

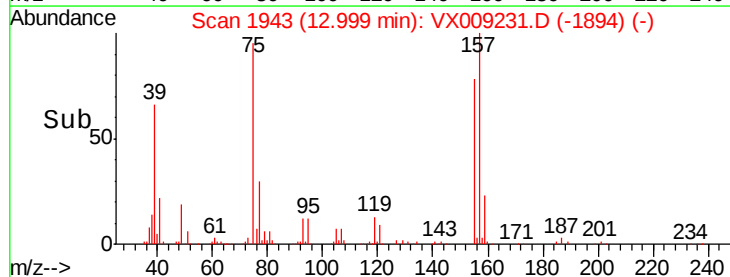
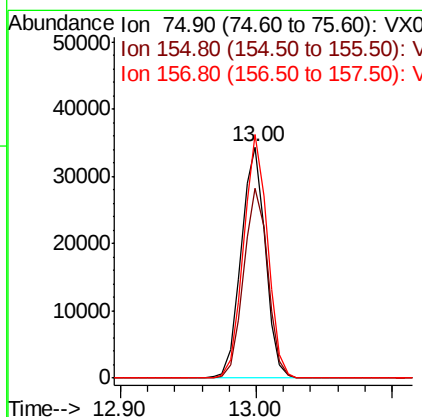
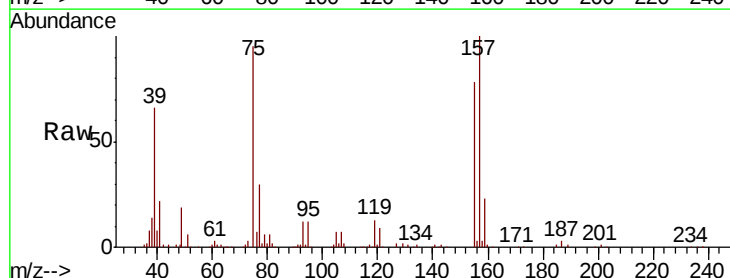
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

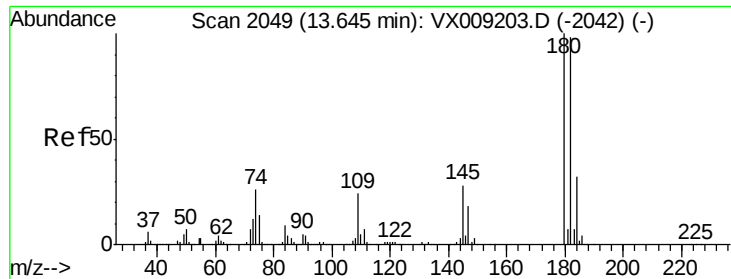
Tgt Ion:146 Resp: 215467
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.4
 148 63.4 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.201 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

Tgt Ion: 75 Resp: 42585
 Ion Ratio Lower Upper
 75 100
 155 82.2 42.0 126.0
 157 104.4 53.2 159.6

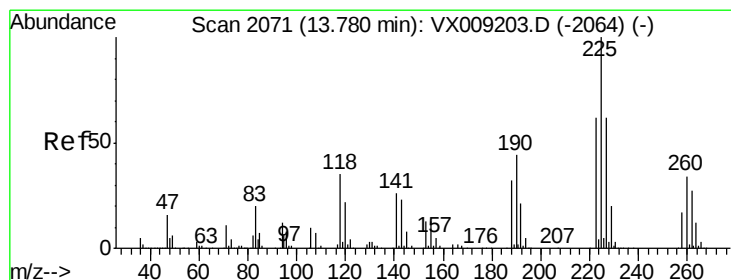
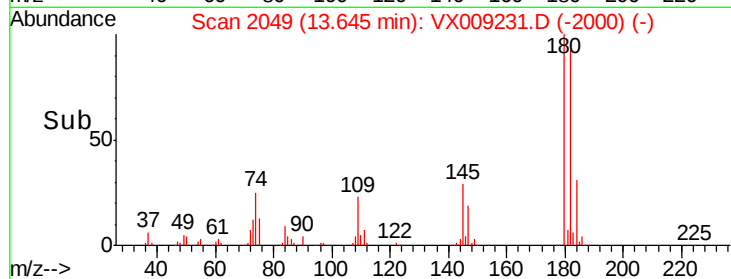
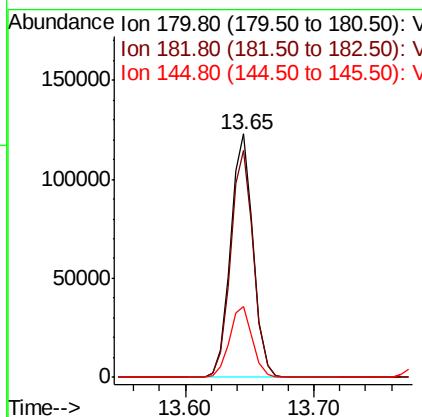
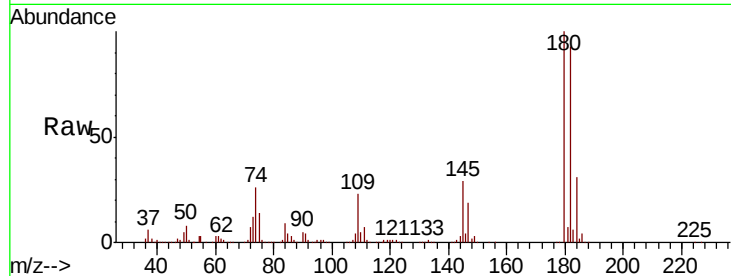




#93
 1,2,4-Trichlorobenzene
 Concen: 49.996 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

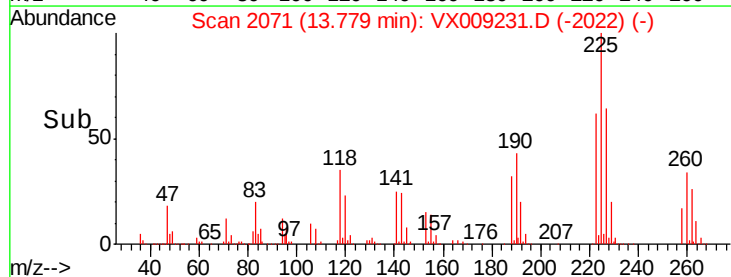
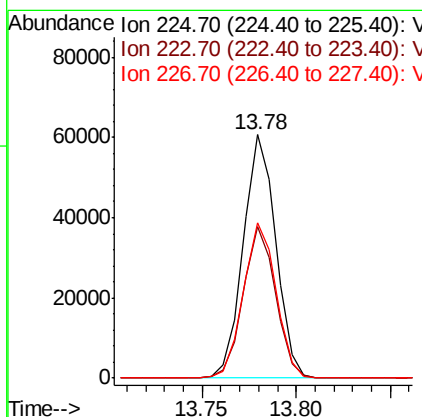
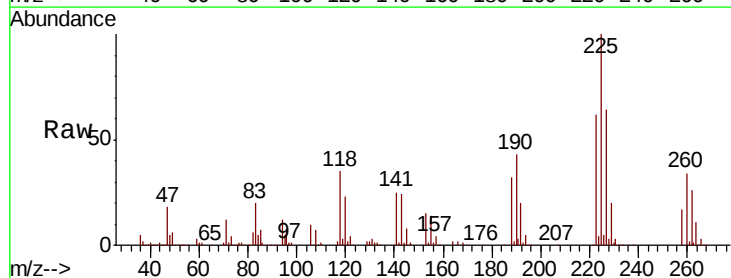
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

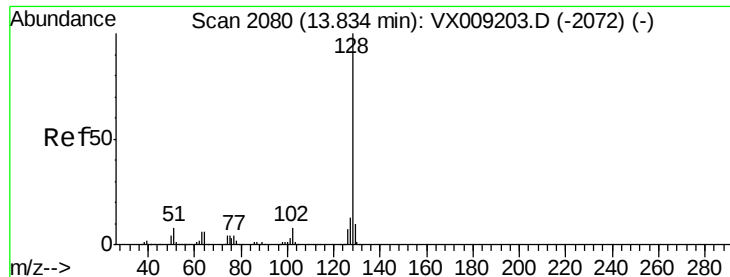
Tgt Ion:180 Resp: 150307
 Ion Ratio Lower Upper
 180 100
 182 93.9 48.4 145.2
 145 29.6 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 47.468 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009231.D
 Acq: 30 Apr 2019 00:32

Tgt Ion:225 Resp: 72875
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.3 93.8
 227 64.1 31.8 95.3

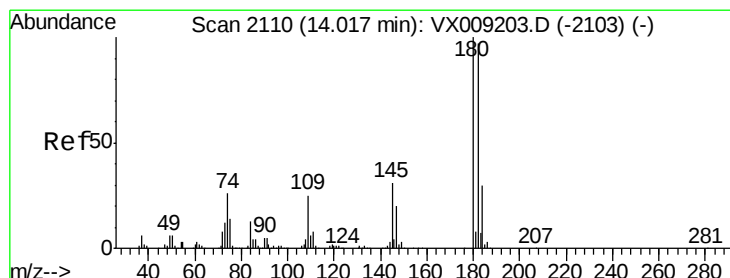
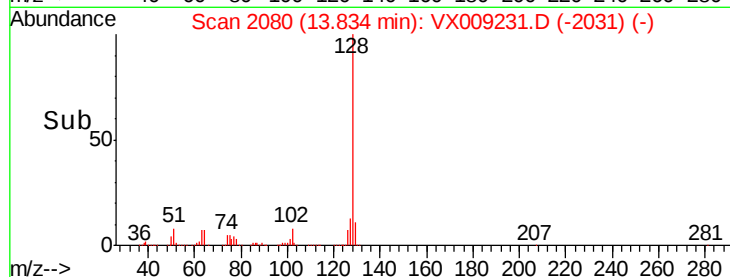
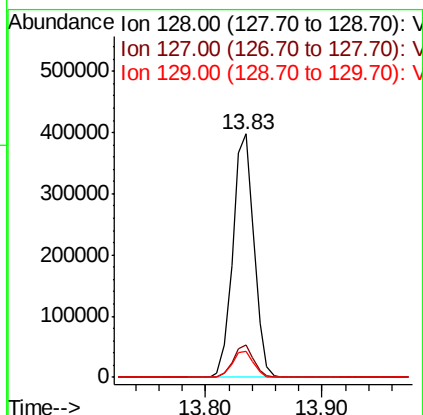
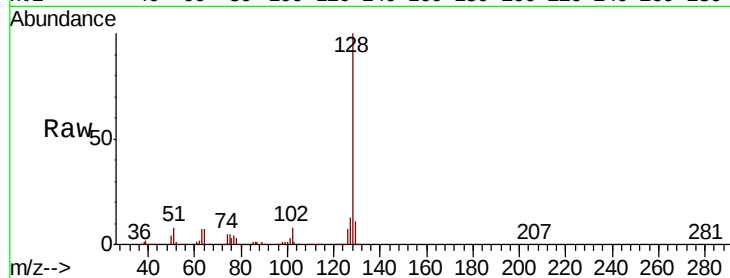




#95
Naphthalene
Concen: 51.373 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 502484
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.209 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009231.D
Acq: 30 Apr 2019 00:32

Tgt Ion:180 Resp: 153010
Ion Ratio Lower Upper
180 100
182 96.1 47.8 143.4
145 30.9 15.4 46.4

