

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092818\
 Data File : VX004812.D
 Acq On : 28 Sep 2018 09:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 29 06:20:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	246863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	357308	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218845	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	176187	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	5.50	113	142636	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
50) Toluene-d8	8.71	98	552360	54.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.74%	
62) 4-Bromofluorobenzene	11.14	95	204408	56.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	203713	60.523	ug/l	96
3) Chloromethane	1.32	50	209101	51.204	ug/l	99
4) Vinyl Chloride	1.40	62	208194	54.358	ug/l	99
5) Bromomethane	1.64	94	131319	57.819	ug/l	98
6) Chloroethane	1.71	64	119879	57.796	ug/l	100
7) Trichlorofluoromethane	1.92	101	270166	56.978	ug/l	97
8) Diethyl Ether	2.18	74	104291	50.630	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.38	101	154777	57.305	ug/l	98
10) Methyl Iodide	2.51	142	114069	31.561	ug/l	98
11) Tert butyl alcohol	3.07	59	244861	248.331	ug/l	99
12) 1,1-Dichloroethene	2.37	96	140795	52.637	ug/l	96
13) Acrolein	2.29	56	141200	201.268	ug/l	97
14) Allyl chloride	2.73	41	318932	54.647	ug/l	95
15) Acrylonitrile	3.15	53	556506	256.381	ug/l	98
16) Acetone	2.45	43	566205	275.016	ug/l	96
17) Carbon Disulfide	2.57	76	421683	52.464	ug/l	98
18) Methyl Acetate	2.78	43	281017	53.874	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	503766	54.600	ug/l	97
20) Methylene Chloride	2.85	84	162102	54.224	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	153061	52.273	ug/l	96
22) Diisopropyl ether	3.87	45	532597	54.193	ug/l	91
23) Vinyl Acetate	3.82	43	2417849	268.771	ug/l	95
24) 1,1-Dichloroethane	3.69	63	303127	51.707	ug/l	98
25) 2-Butanone	4.70	43	780228	257.099	ug/l	93
26) 2,2-Dichloropropane	4.58	77	227565	55.744	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	165061	50.461	ug/l	94
28) Bromochloromethane	5.01	49	130501	47.272	ug/l	89
29) Tetrahydrofuran	5.15	42	493021	261.383	ug/l	91
30) Chloroform	5.21	83	275890	49.795	ug/l	100
31) Cyclohexane	5.57	56	265739	59.226	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	238567	52.724	ug/l	99
36) 1,1-Dichloropropene	5.80	75	213223	51.607	ug/l	99
37) Ethyl Acetate	4.85	43	269088	49.065	ug/l	97
38) Carbon Tetrachloride	5.78	117	211320	48.657	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	265038	62.822	ug/l	94
40) Benzene	6.14	78	633778	48.998	ug/l	98
41) Methacrylonitrile	5.06	41	154361	50.752	ug/l	94
42) 1,2-Dichloroethane	6.20	62	223872	48.959	ug/l	96
43) Isopropyl Acetate	6.46	43	403498	50.974	ug/l	96
44) Trichloroethene	7.21	130	169115	53.184	ug/l	93
45) 1,2-Dichloropropane	7.51	63	170850	53.861	ug/l	99
46) Dibromomethane	7.66	93	107585	53.968	ug/l	97
47) Bromodichloromethane	7.90	83	207153	55.502	ug/l	98
48) Methyl methacrylate	7.77	41	215172	59.889	ug/l	94
49) 1,4-Dioxane	7.75	88	92685	1038.361	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1438631	288.641	ug/l	95
52) Toluene	8.79	92	397496	55.926	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	238890	56.640	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	259681	58.781	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	160651	51.601	ug/l	95
56) Ethyl methacrylate	9.18	69	256575	50.741	ug/l	94
57) 1,3-Dichloropropane	9.37	76	273861	52.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	725839	269.404	ug/l	93
59) 2-Hexanone	9.50	43	1162228	279.826	ug/l	93
60) Dibromochloromethane	9.59	129	166040	53.328	ug/l	99
61) 1,2-Dibromoethane	9.67	107	167439	50.218	ug/l	99
64) Tetrachloroethene	9.34	164	161151	47.385	ug/l	97
65) Chlorobenzene	10.14	112	440922	49.762	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	156737	50.316	ug/l	99
67) Ethyl Benzene	10.25	91	762225	54.184	ug/l	97
68) m/p-Xylenes	10.36	106	600437	109.227	ug/l	96
69) o-Xylene	10.70	106	284584	56.363	ug/l	97
70) Styrene	10.71	104	483028	51.101	ug/l	97
71) Bromoform	10.86	173	136541	51.199	ug/l	# 99
73) Isopropylbenzene	11.02	105	772470	56.000	ug/l	99
74) N-amyl acetate	10.90	43	373603	49.301	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	267247	47.594	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	314904	64.199	ug/l	87
77) Bromobenzene	11.26	156	203026	50.673	ug/l	97
78) n-propylbenzene	11.36	91	913039	57.688	ug/l	99
79) 2-Chlorotoluene	11.42	91	525761	53.294	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	661477	52.330	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	80891	45.177	ug/l	99
82) 4-Chlorotoluene	11.51	91	637746	54.922	ug/l	99
83) tert-Butylbenzene	11.77	119	652297	57.435	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	685854	52.614	ug/l	97
85) sec-Butylbenzene	11.94	105	796150	57.553	ug/l	98
86) p-Isopropyltoluene	12.07	119	726832	57.993	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	383664	51.282	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	390616	50.578	ug/l	99
89) n-Butylbenzene	12.39	91	667953	58.683	ug/l	98
90) Hexachloroethane	12.60	117	114988	55.104	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	385323	49.284	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	63636	51.615	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	298331	54.395	ug/l	99
94) Hexachlorobutadiene	13.79	225	150464	52.905	ug/l	97
95) Naphthalene	13.83	128	913863	50.200	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	299157	52.802	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

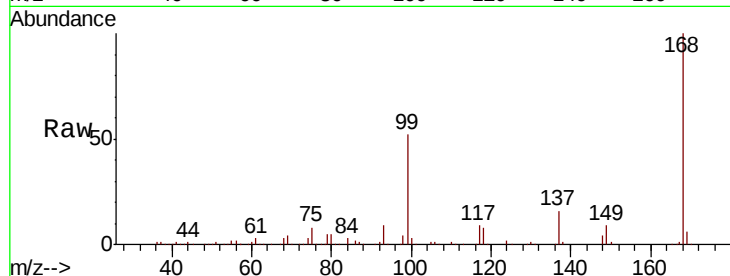
VSTDCCC050

Tot Ion:168 Resp: 246863

Ion Ratio Lower Upper

168 100

99 52.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

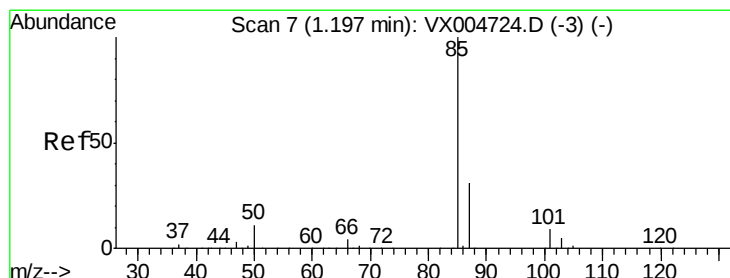
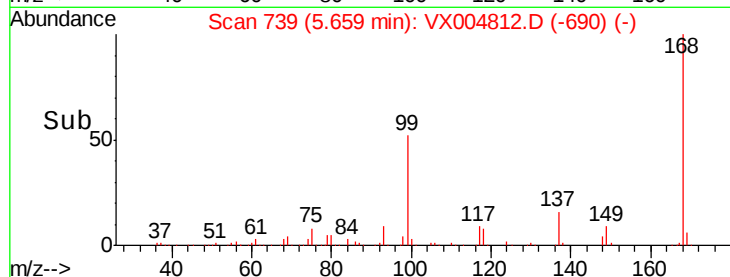
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 60.523 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004812.D

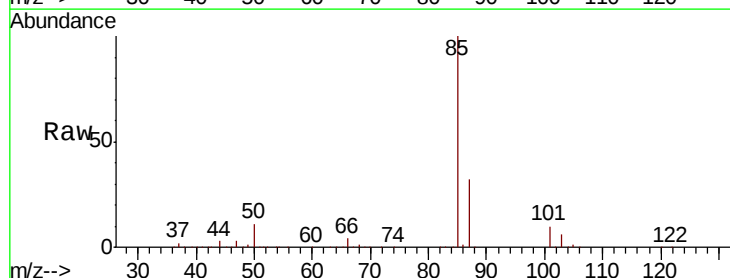
Acq: 28 Sep 2018 09:58

Tgt Ion: 85 Resp: 203713

Ion Ratio Lower Upper

85 100

87 31.9 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

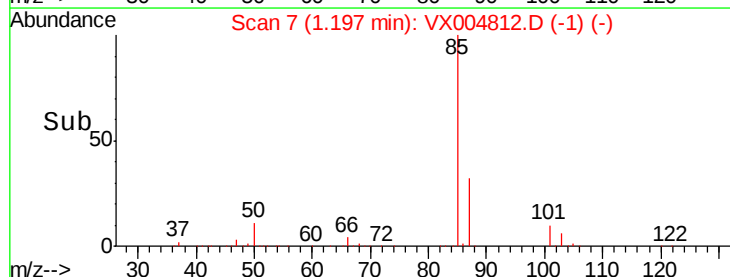
100000

50000

0

Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 51.204 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

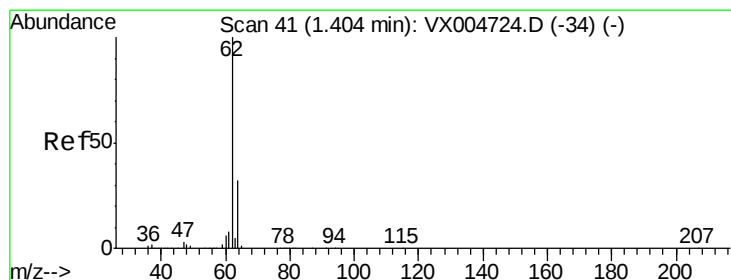
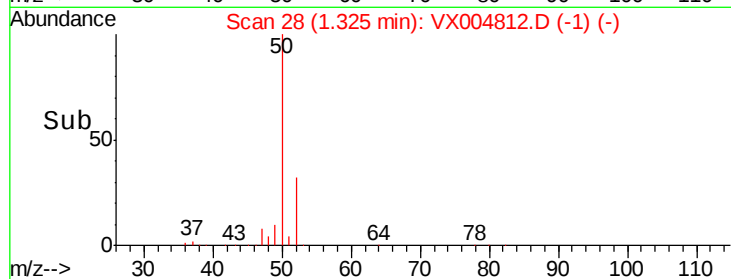
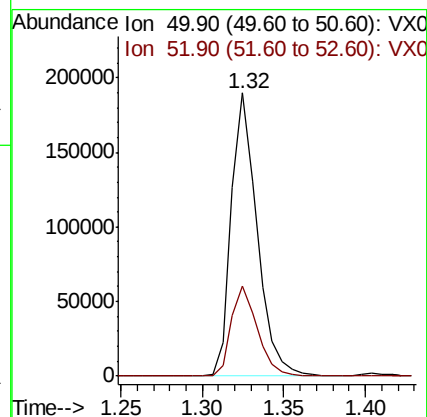
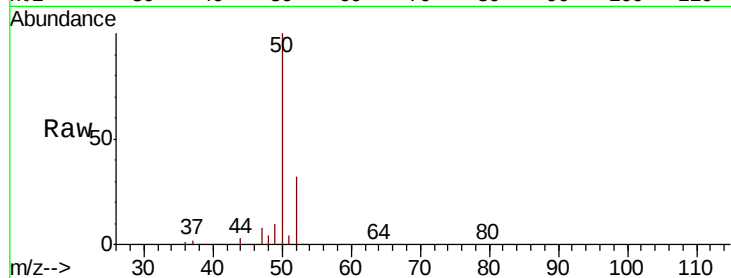
VSTDCCC050

Tot Ion: 50 Resp: 209101

Ion Ratio Lower Upper

50 100

52 31.9 26.2 39.2



#4

Vinyl Chloride

Concen: 54.358 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004812.D

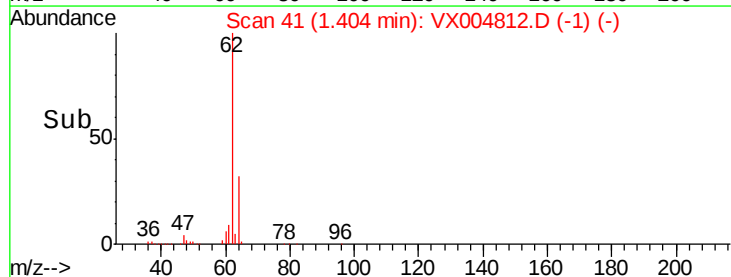
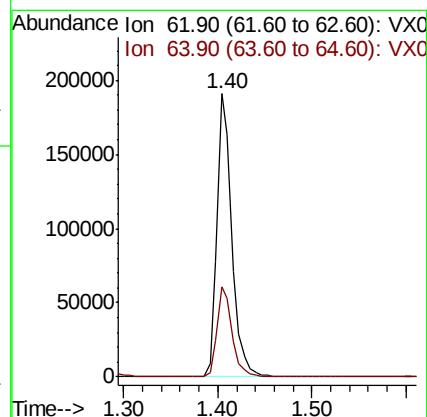
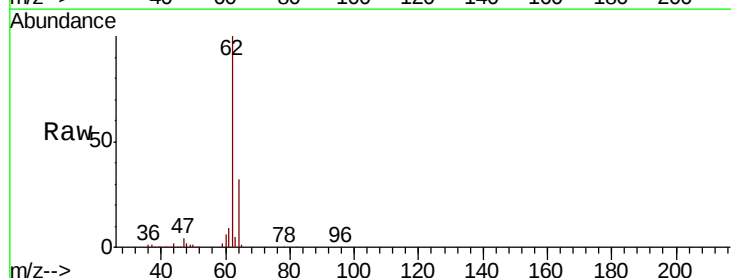
Acq: 28 Sep 2018 09:58

Tgt Ion: 62 Resp: 208194

Ion Ratio Lower Upper

62 100

64 31.8 25.8 38.8





#5

Bromomethane

Concen: 57.819 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

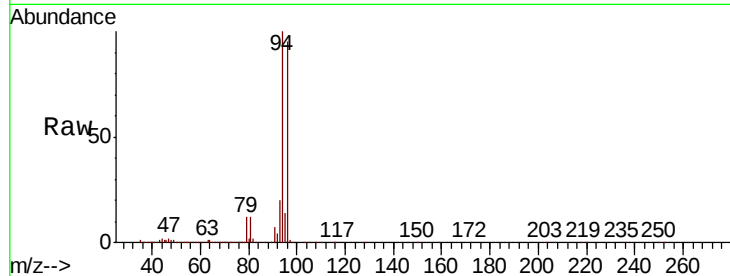
VSTDCCC050

Tot Ion: 94 Resp: 131319

Ion Ratio Lower Upper

94 100

96 95.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

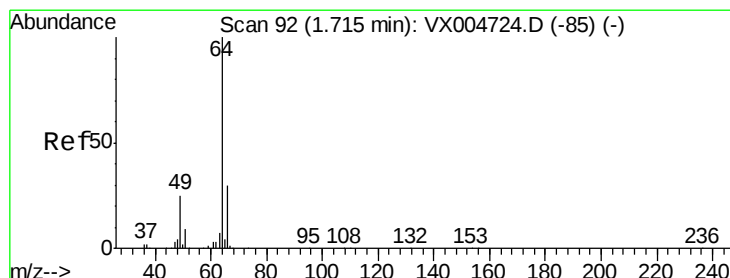
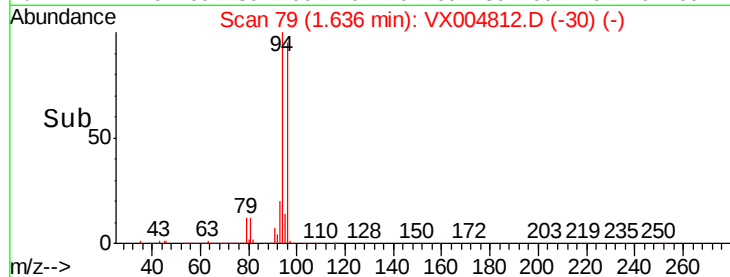
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 57.796 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004812.D

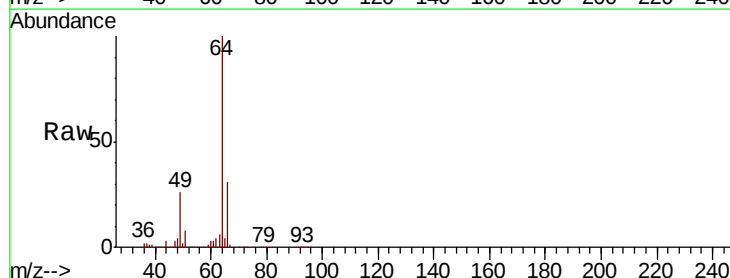
Acq: 28 Sep 2018 09:58

Tgt Ion: 64 Resp: 119879

Ion Ratio Lower Upper

64 100

66 30.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

100000

80000

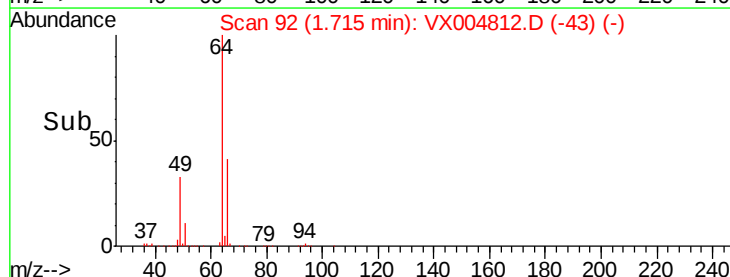
60000

40000

20000

0

Time-->



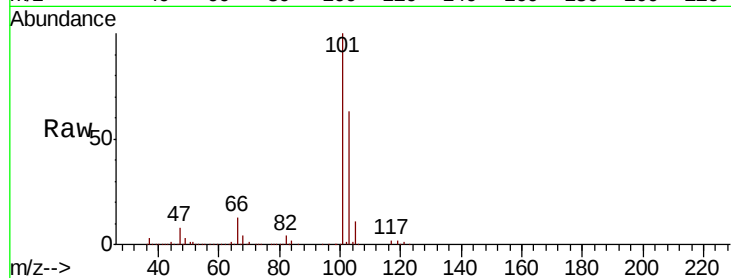


#7

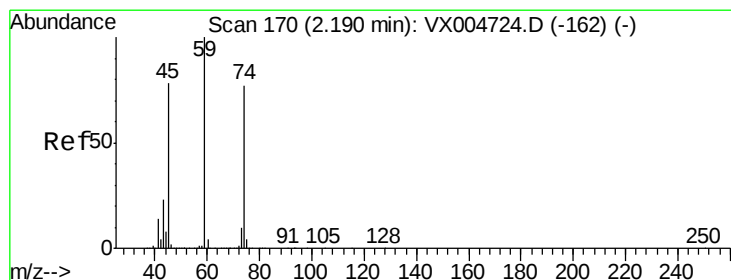
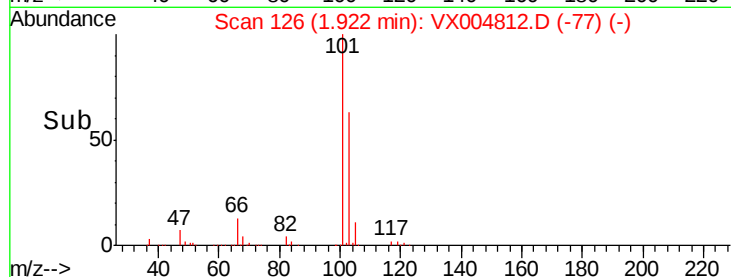
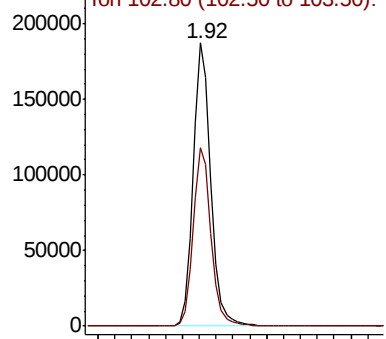
Trichlorofluoromethane
 Concen: 56.978 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX004812.D
 Acq: 28 Sep 2018 09:58

Instrument :
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Tot Ion:101 Resp: 270166
 Ion Ratio Lower Upper
 101 100
 103 63.1 48.9 73.3



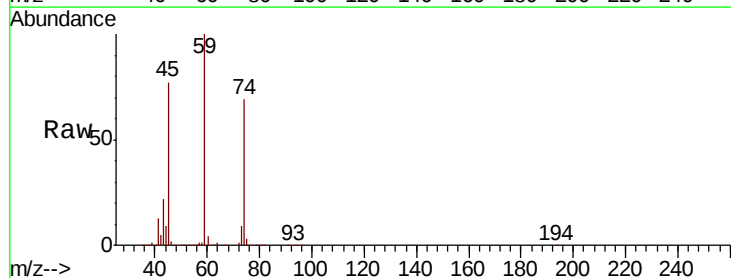
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



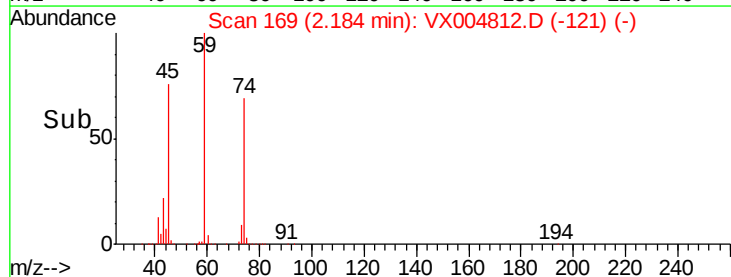
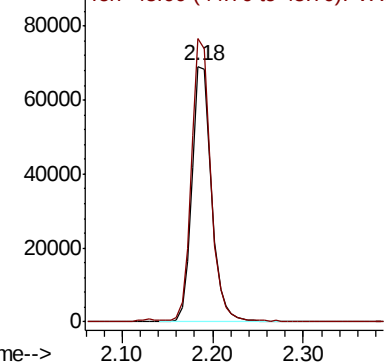
#8

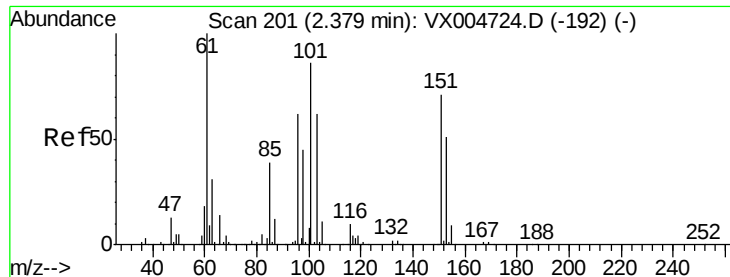
Diethyl Ether
 Concen: 50.630 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX004812.D
 Acq: 28 Sep 2018 09:58

Tgt Ion: 74 Resp: 104291
 Ion Ratio Lower Upper
 74 100
 45 109.0 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.305 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

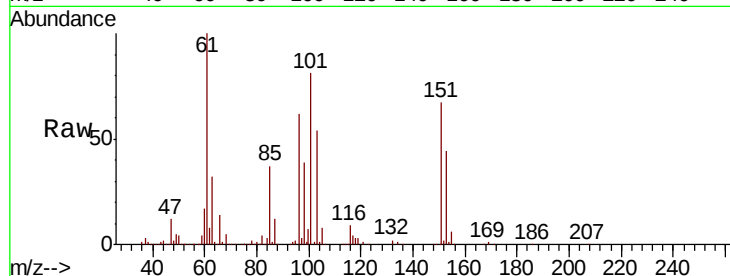
Tot Ion:101 Resp: 154777

Ion Ratio Lower Upper

101 100

85 44.1 34.2 51.4

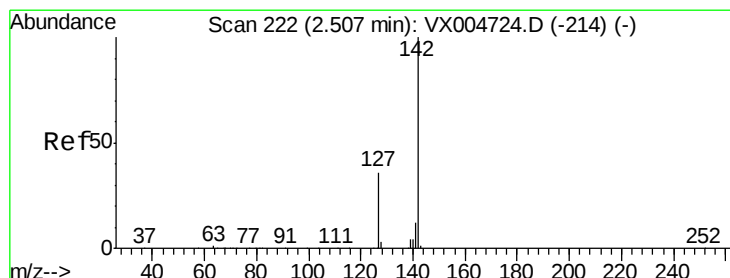
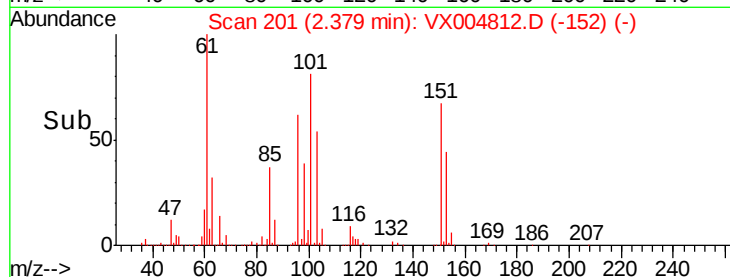
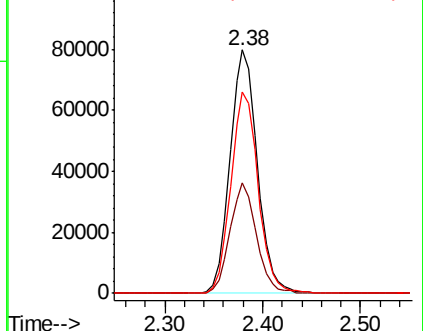
151 82.8 65.0 97.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 31.561 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

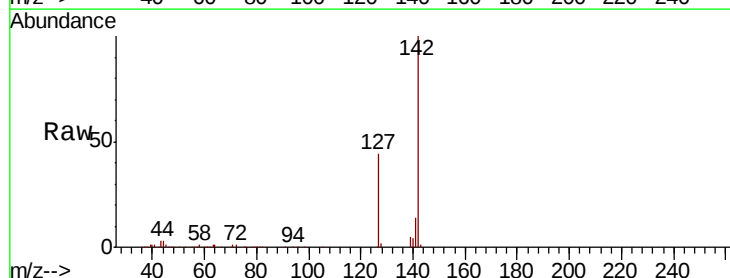
Tgt Ion:142 Resp: 114069

Ion Ratio Lower Upper

142 100

127 43.8 33.8 50.6

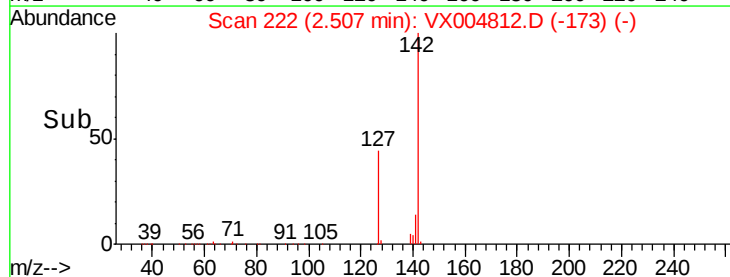
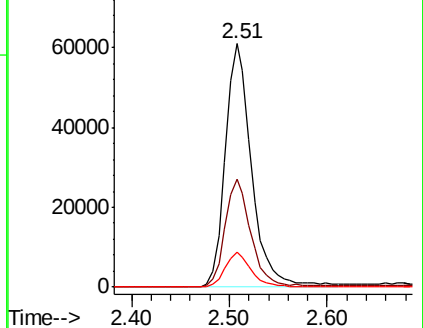
141 14.2 11.4 17.0

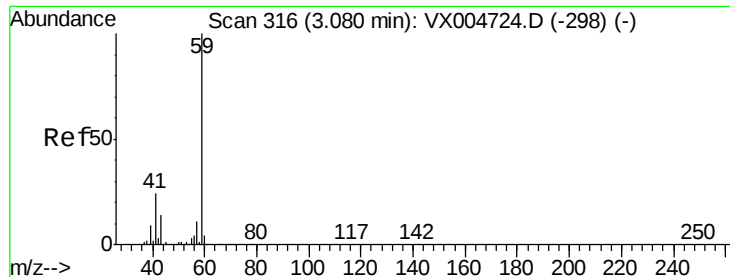


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



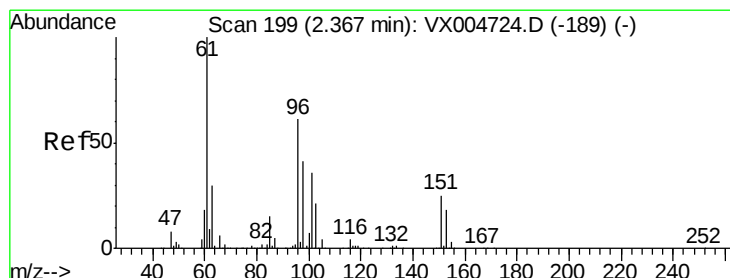
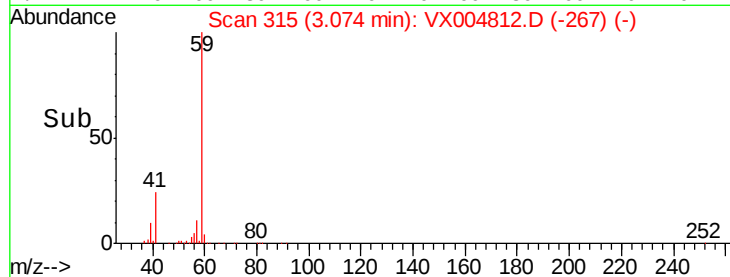
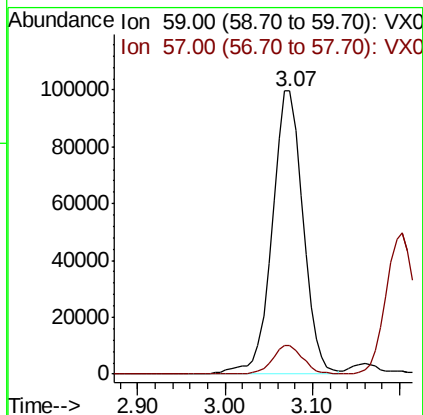
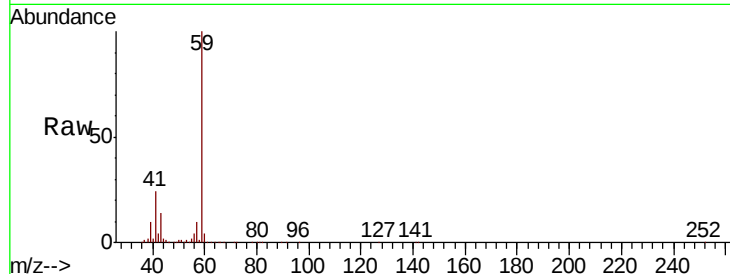


#11

Tert butyl alcohol
 Concen: 248.331 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX004812.D
 Acq: 28 Sep 2018 09:58

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

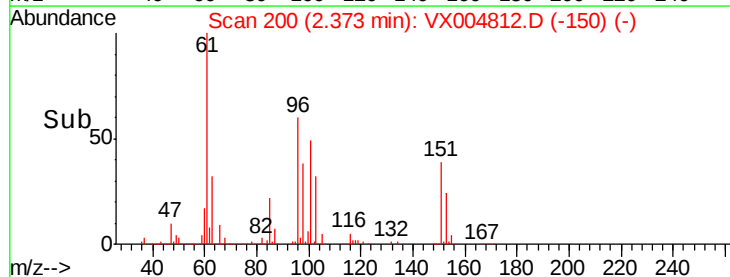
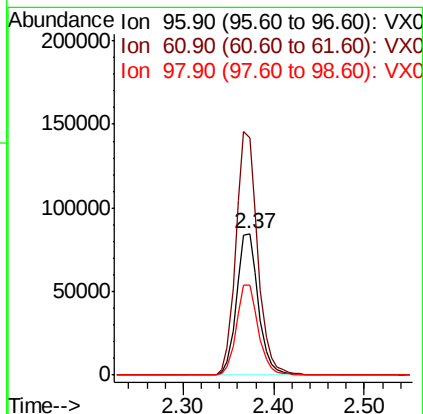
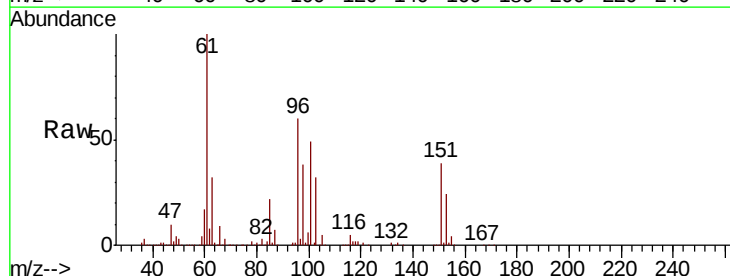
Tot Ion: 59 Resp: 244861
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.4

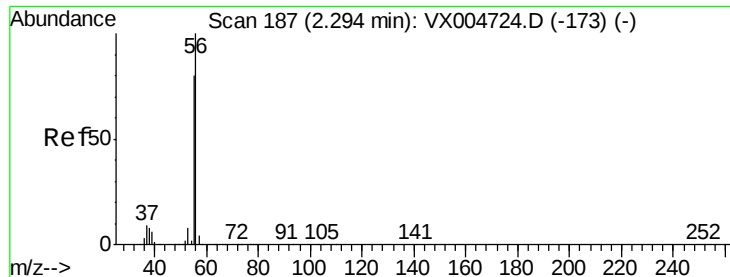


#12

1,1-Dichloroethene
 Concen: 52.637 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX004812.D
 Acq: 28 Sep 2018 09:58

Tgt Ion: 96 Resp: 140795
 Ion Ratio Lower Upper
 96 100
 61 167.1 128.8 193.2
 98 63.7 52.2 78.2





#13

Acrolein

Concen: 201.268 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

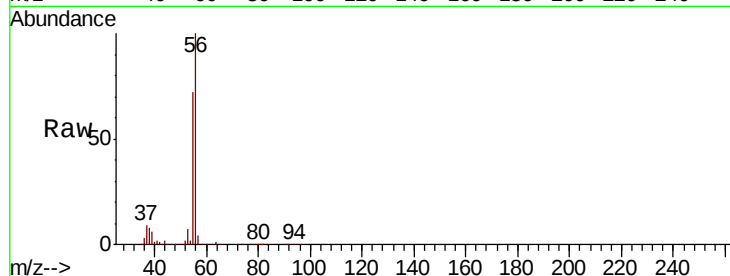
VSTDCCC050

Tot Ion: 56 Resp: 141200

Ion Ratio Lower Upper

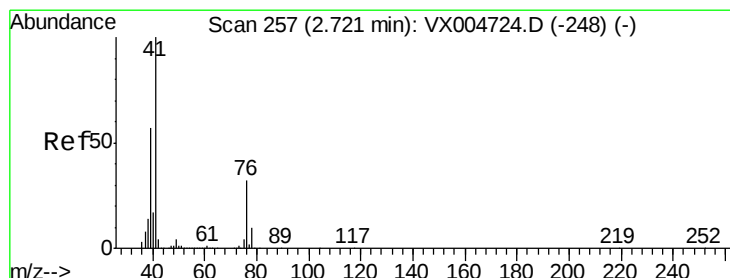
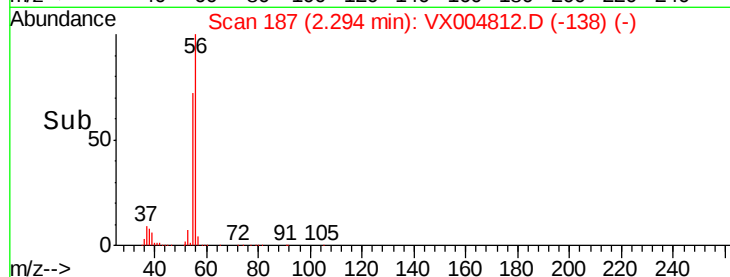
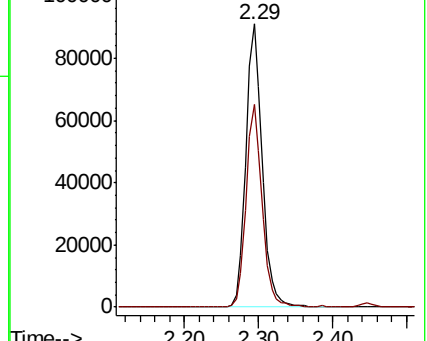
56 100

55 70.4 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 54.647 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

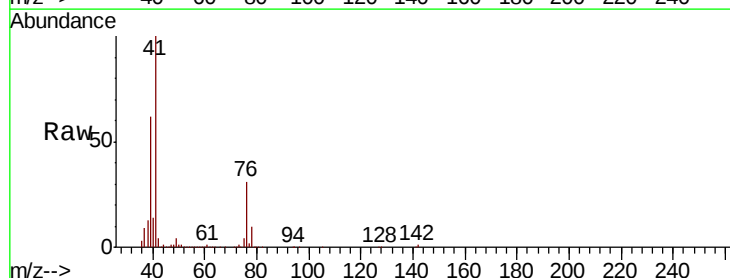
Tgt Ion: 41 Resp: 318932

Ion Ratio Lower Upper

41 100

39 58.8 48.9 73.3

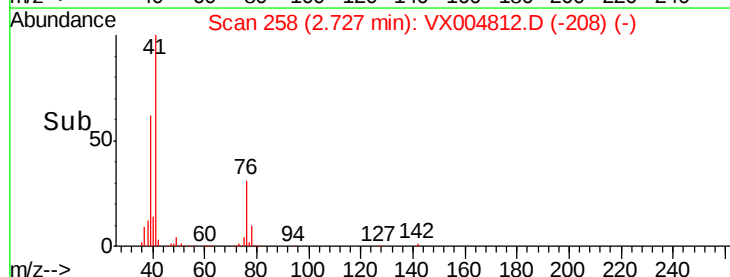
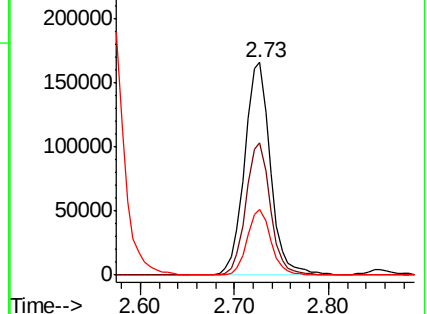
76 28.2 26.7 40.1



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: 256.381 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

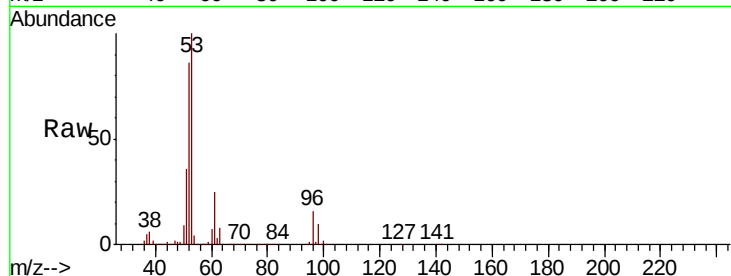
Tot Ion: 53 Resp: 556506

Ion Ratio Lower Upper

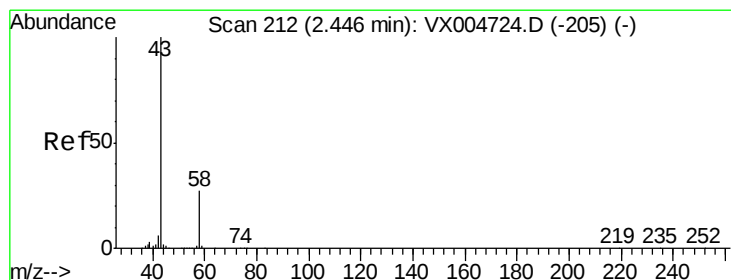
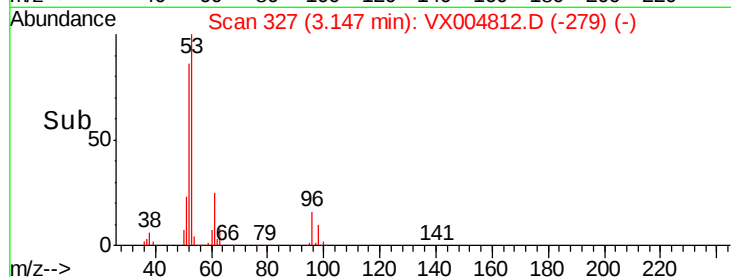
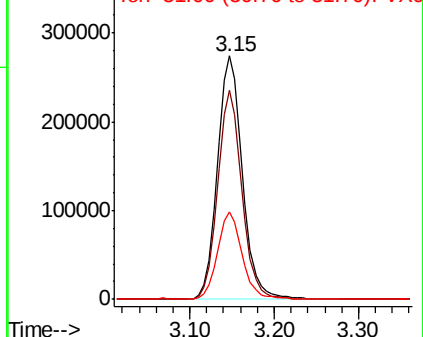
53 100

52 83.6 65.2 97.8

51 35.8 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: 275.016 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004812.D

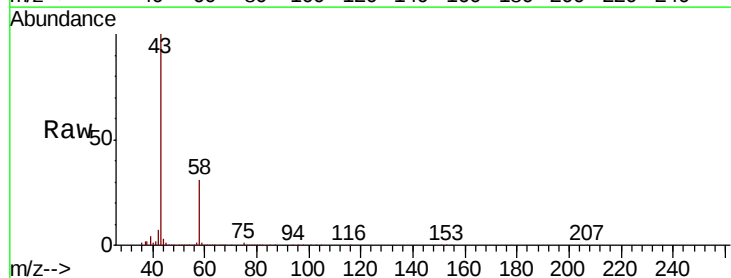
Acq: 28 Sep 2018 09:58

Tgt Ion: 43 Resp: 566205

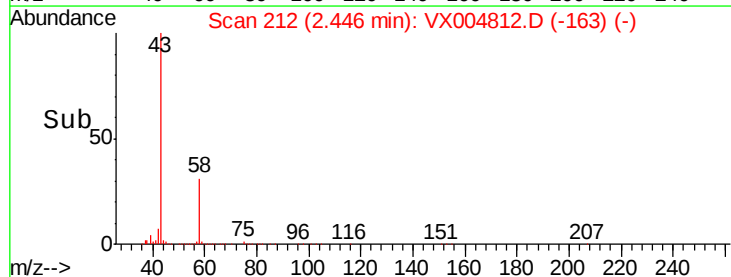
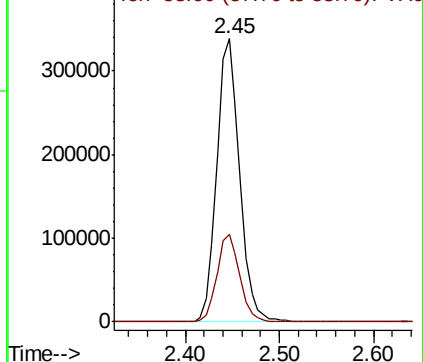
Ion Ratio Lower Upper

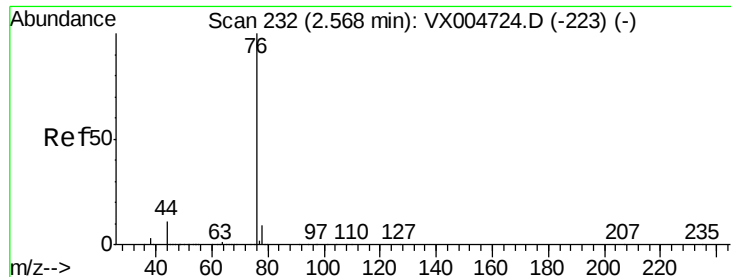
43 100

58 30.8 26.2 39.4



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

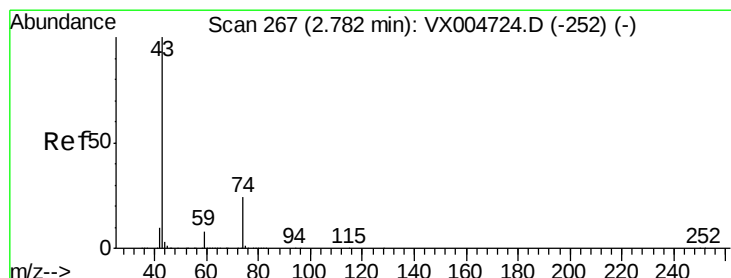
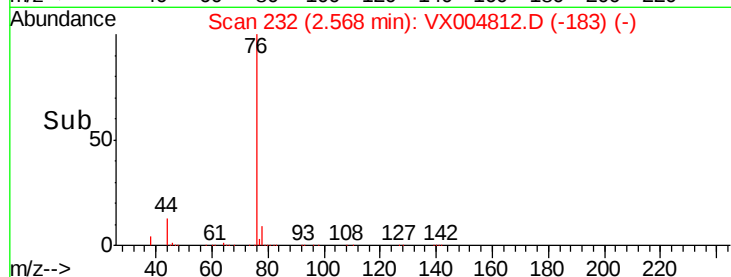
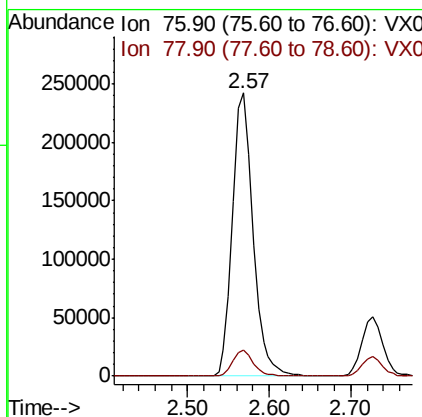
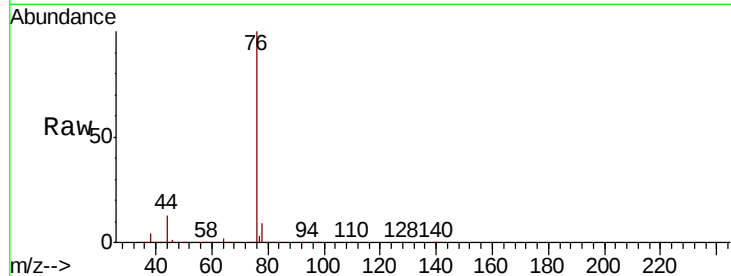




#17
Carbon Disulfide
Concen: 52.464 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

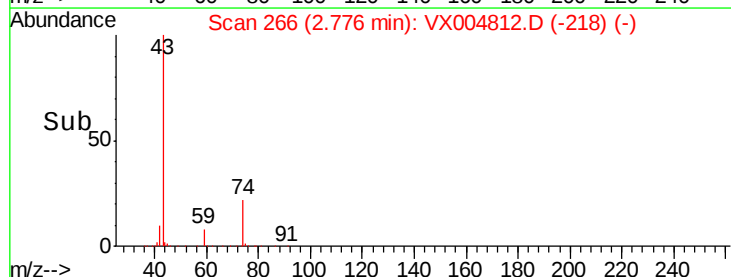
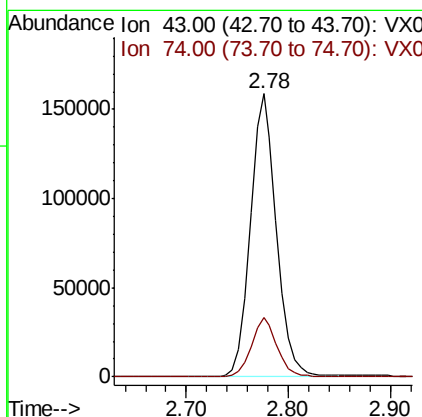
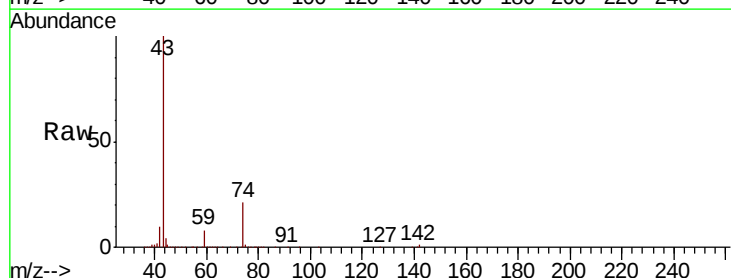
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

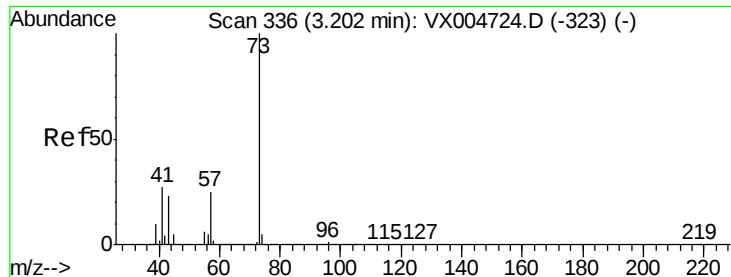
Tot Ion: 76 Resp: 421683
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 53.874 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

Tgt Ion: 43 Resp: 281017
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.2



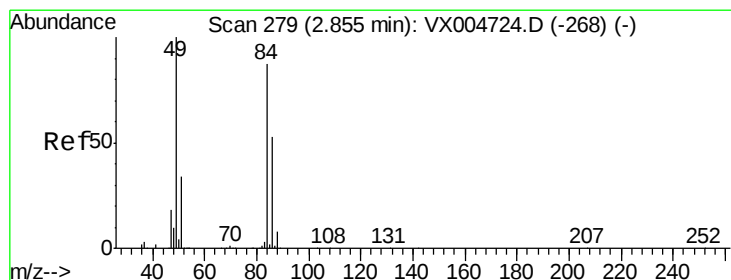
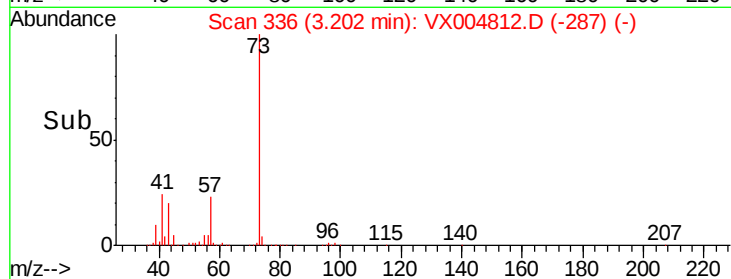
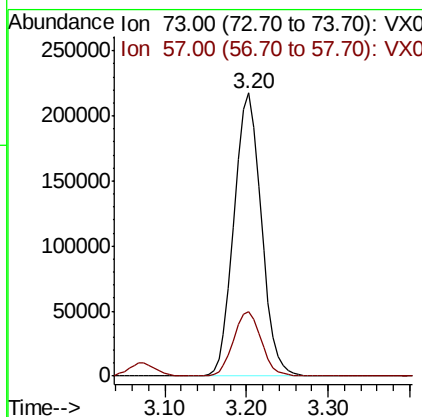
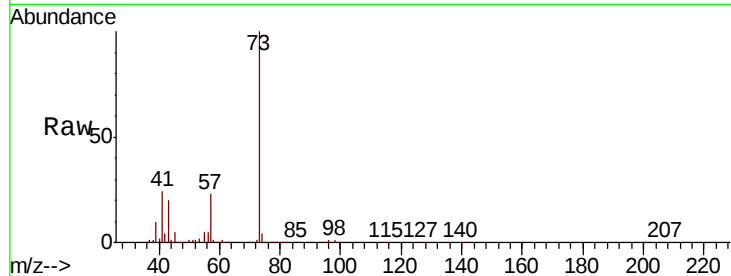


#19

Methyl tert-butyl Ether
 Concen: 54.600 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004812.D
 Acq: 28 Sep 2018 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

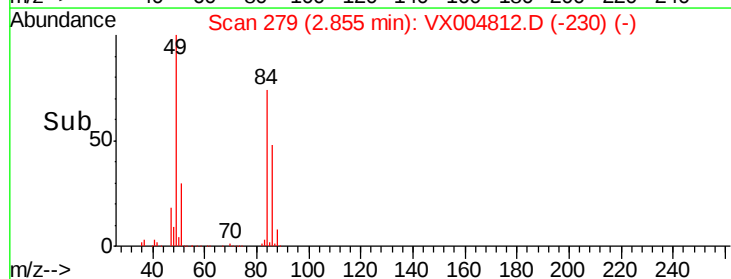
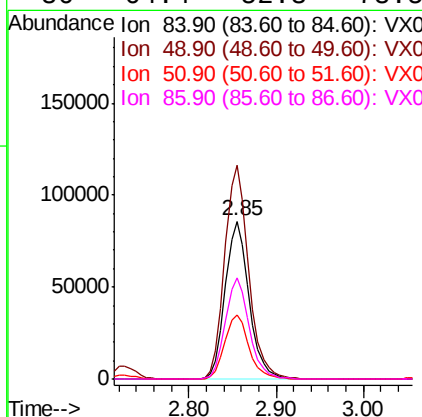
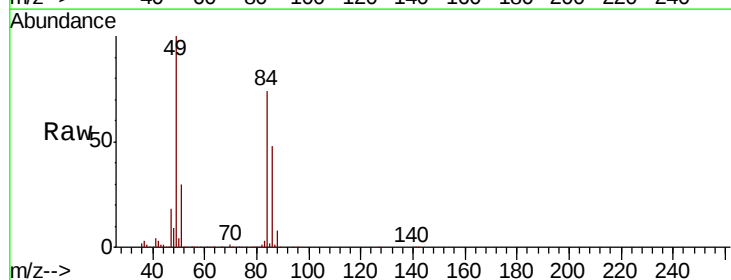
Tot Ion: 73 Resp: 503766
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.1 25.7

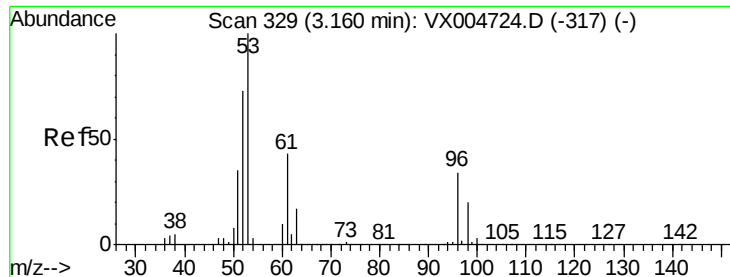


#20

Methylene Chloride
 Concen: 54.224 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004812.D
 Acq: 28 Sep 2018 09:58

Tgt Ion: 84 Resp: 162102
 Ion Ratio Lower Upper
 84 100
 49 135.6 101.2 151.8
 51 40.9 29.5 44.3
 86 64.4 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 52.273 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

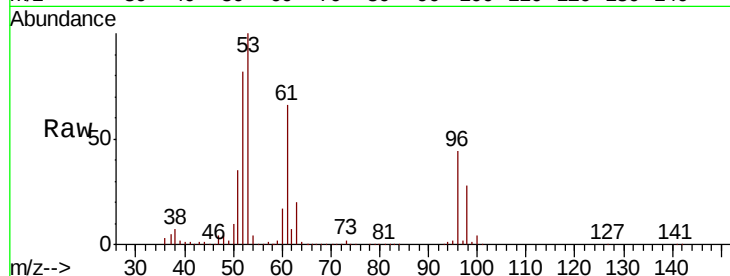
Tot Ion: 96 Resp: 153061

Ion Ratio Lower Upper

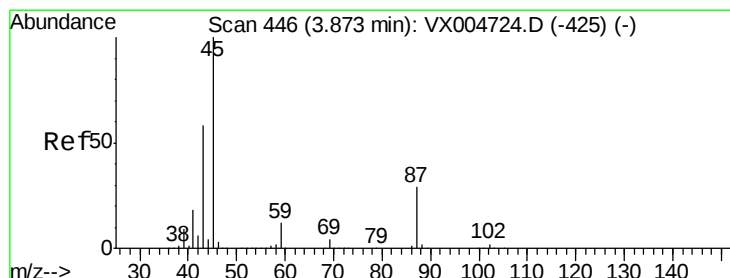
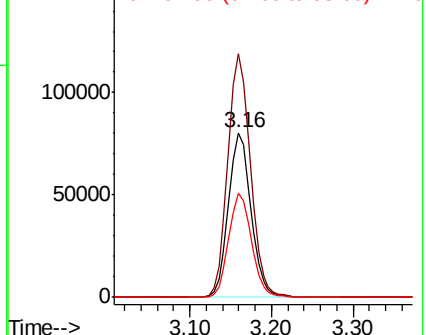
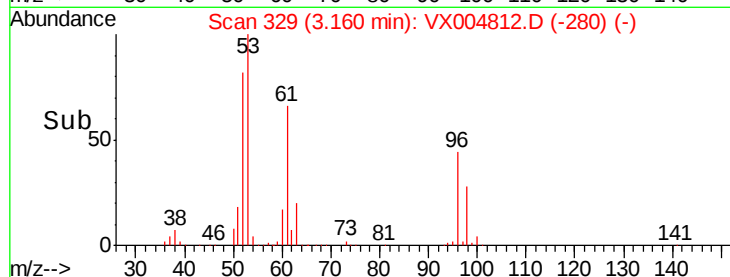
96 100

61 148.1 113.8 170.6

98 63.6 51.8 77.8



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: 54.193 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Tgt Ion: 45 Resp: 532597

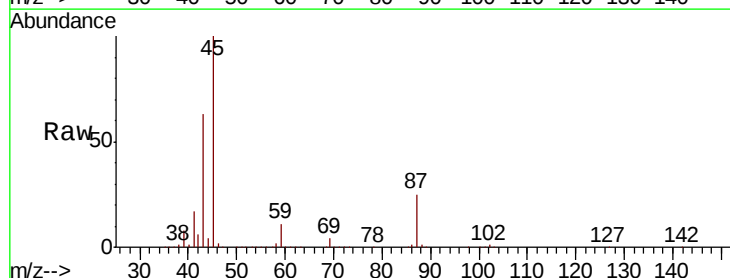
Ion Ratio Lower Upper

45 100

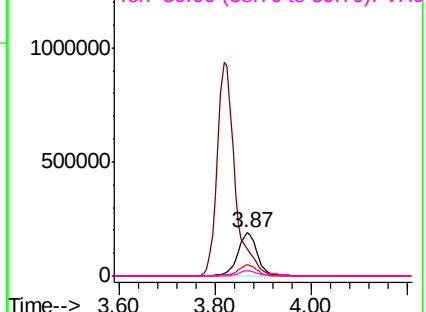
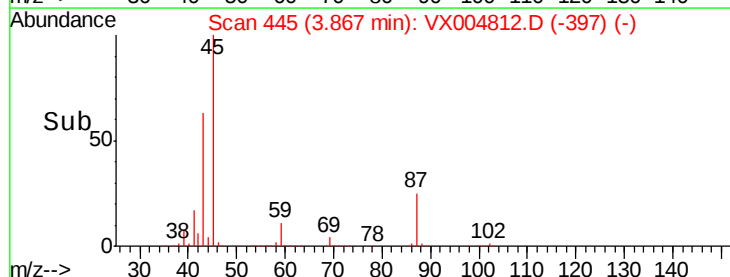
43 62.5 42.8 64.2

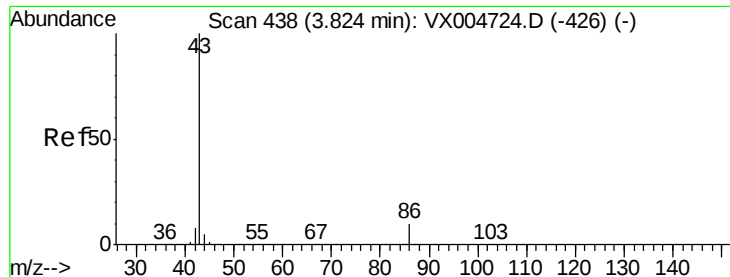
87 25.4 22.6 34.0

59 11.0 9.6 14.4



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: 268.771 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

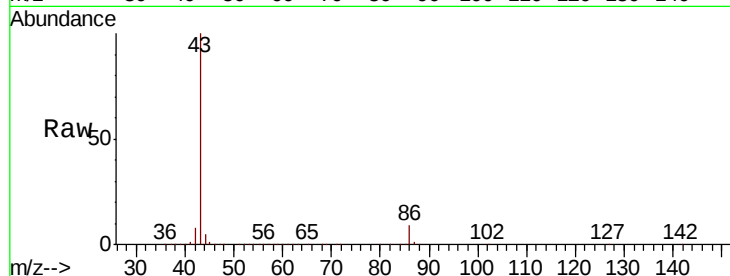
VSTDCCC050

Tot Ion: 43 Resp: 2417849

Ion Ratio Lower Upper

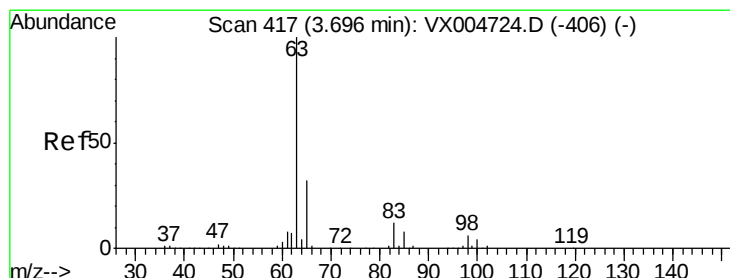
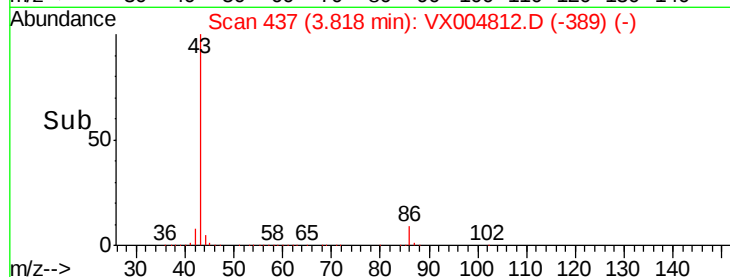
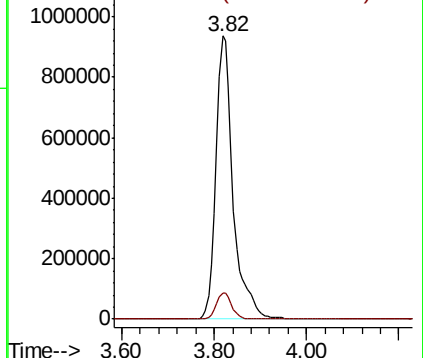
43 100

86 9.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.707 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

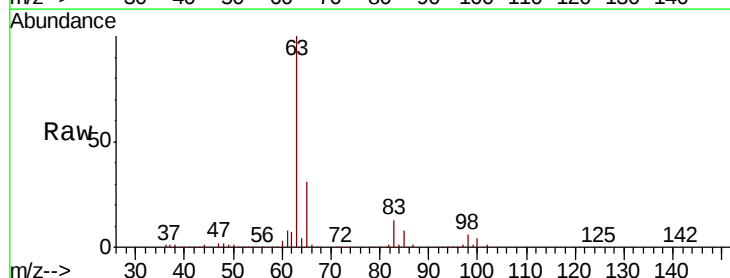
Tgt Ion: 63 Resp: 303127

Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.4

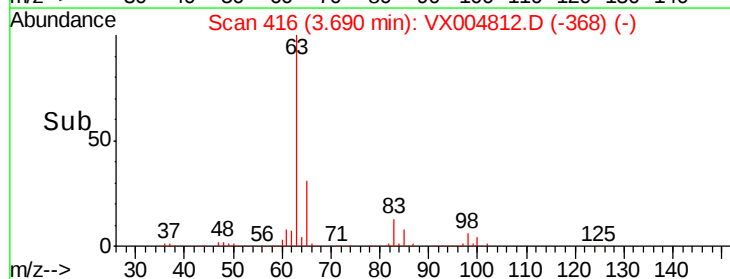
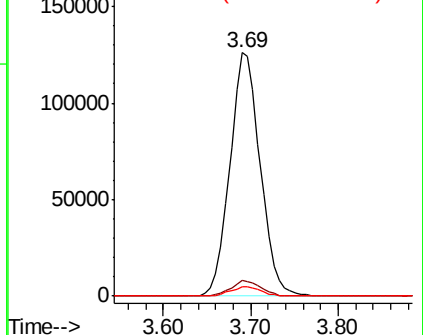
100 3.8 2.4 7.1

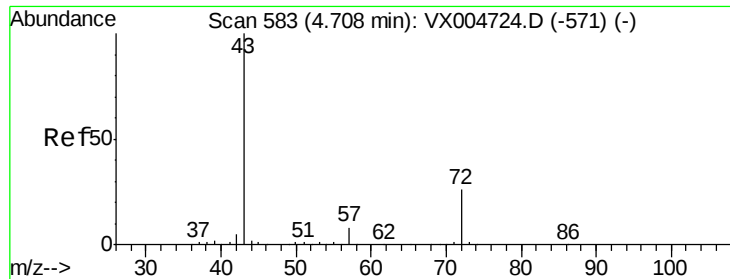


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 257.099 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

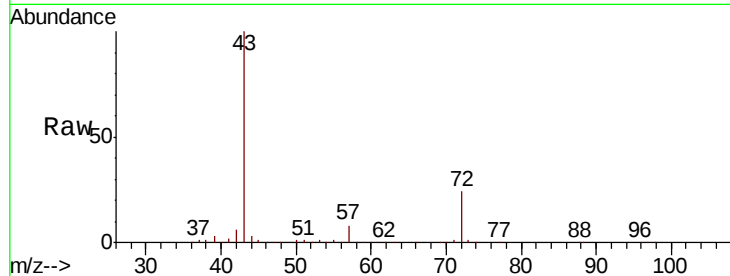
VSTDCCC050

Tot Ion: 43 Resp: 780228

Ion Ratio Lower Upper

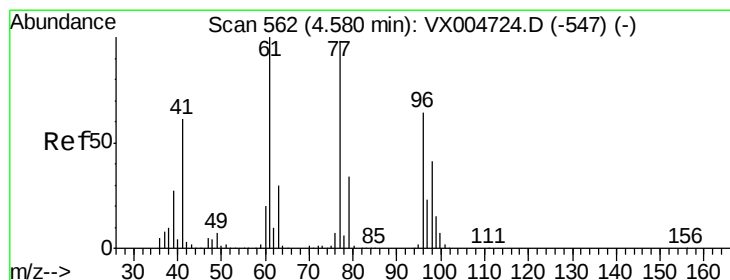
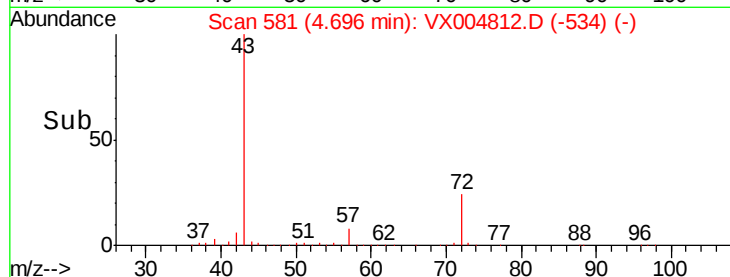
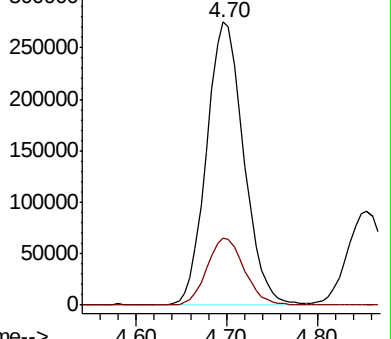
43 100

72 23.8 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 55.744 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004812.D

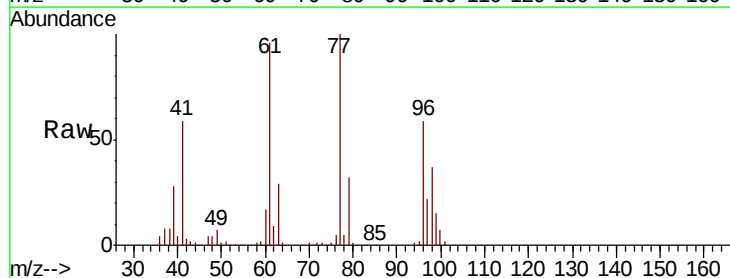
Acq: 28 Sep 2018 09:58

Tgt Ion: 77 Resp: 227565

Ion Ratio Lower Upper

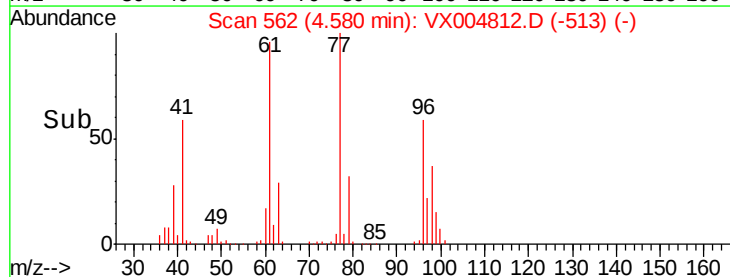
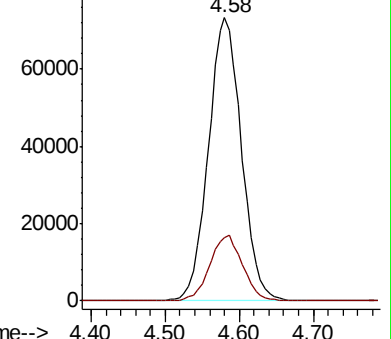
77 100

97 23.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



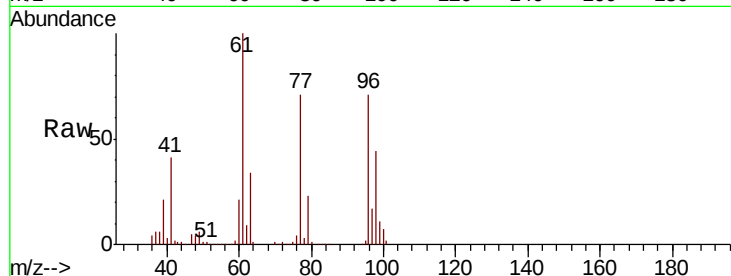


#27

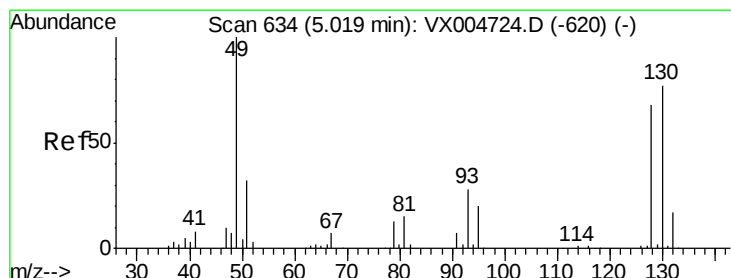
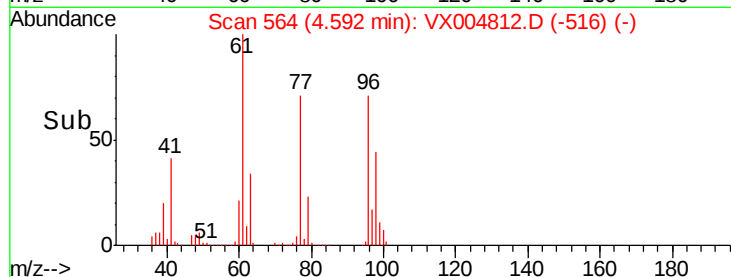
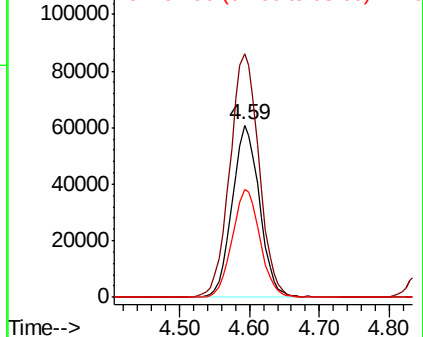
cis-1,2-Dichloroethene
 Concen: 50.461 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004812.D
 Acq: 28 Sep 2018 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 165061
 Ion Ratio Lower Upper
 96 100
 61 151.1 0.0 282.6
 98 63.6 0.0 130.2



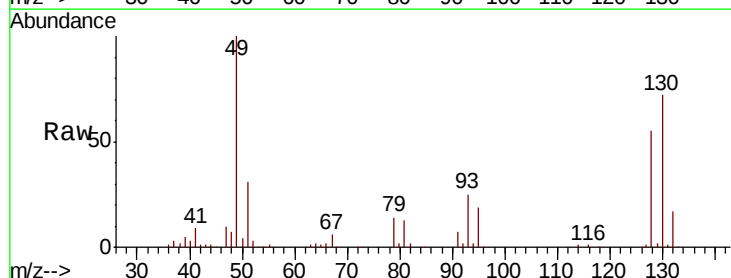
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



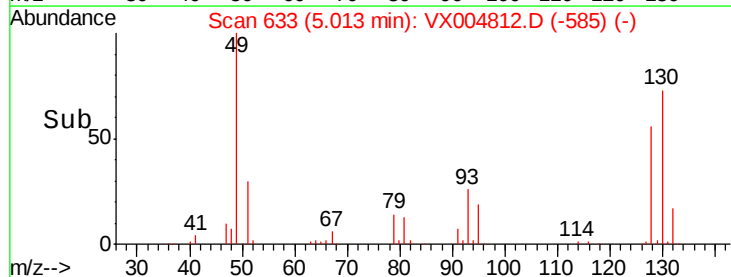
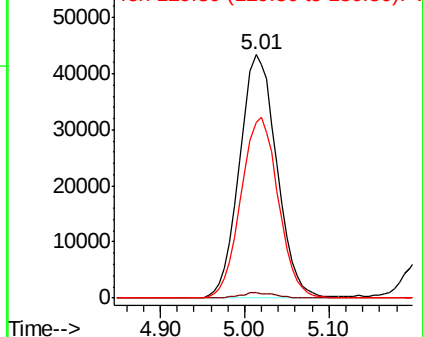
#28

Bromochloromethane
 Concen: 47.272 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX004812.D
 Acq: 28 Sep 2018 09:58

Tgt Ion: 49 Resp: 130501
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 74.3 67.5 101.3



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

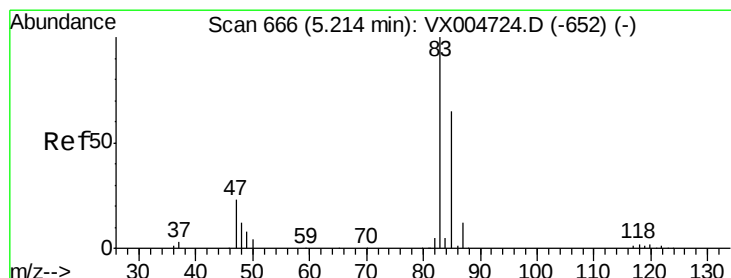
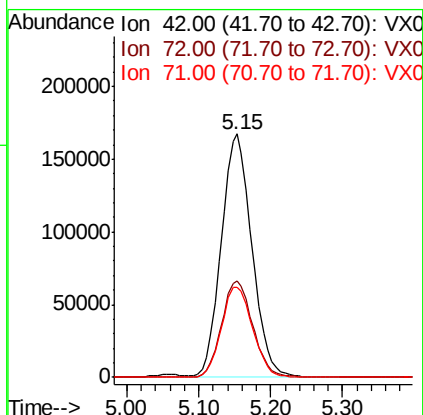
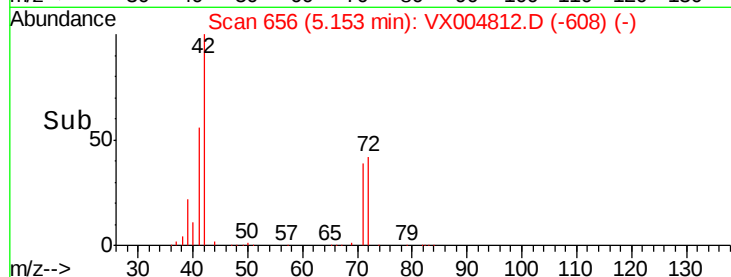
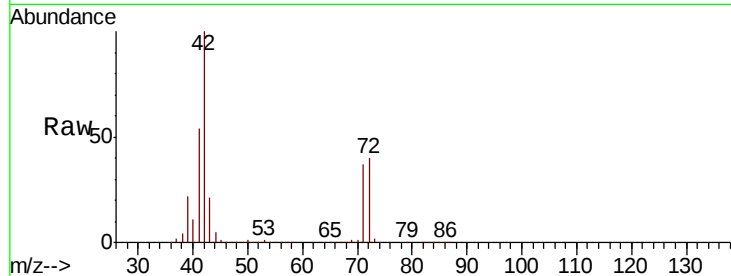




#29
Tetrahydrofuran
Concen: 261.383 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

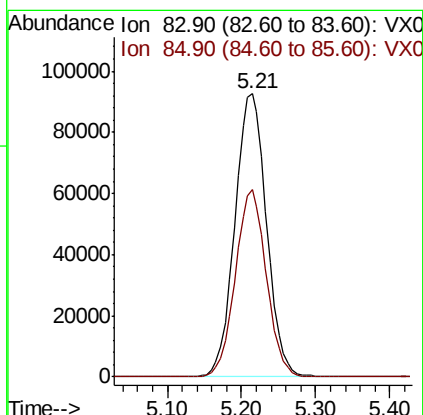
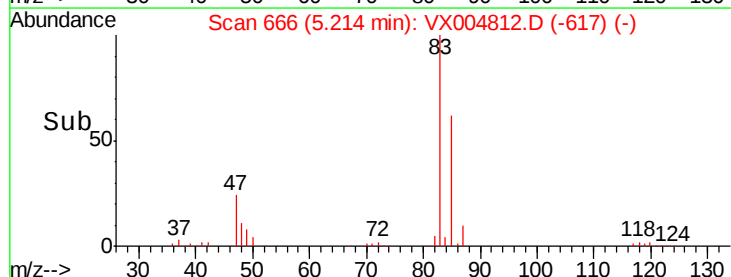
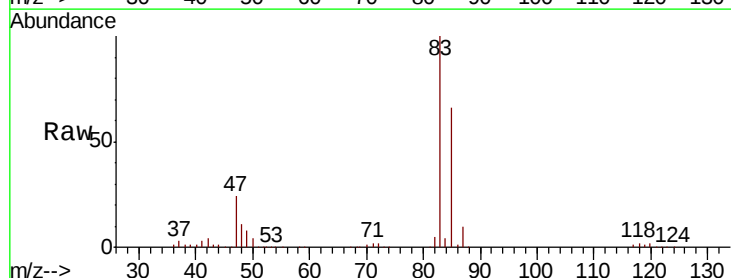
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

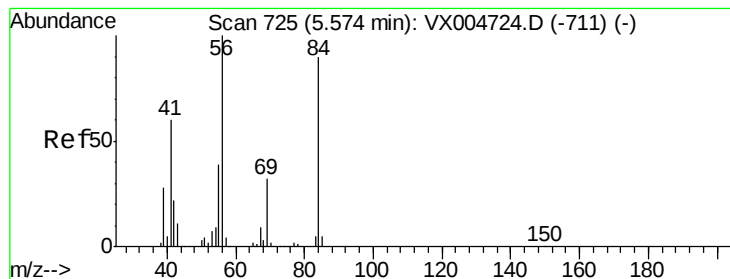
Tot Ion: 42 Resp: 493021
Ion Ratio Lower Upper
42 100
72 40.6 37.4 56.0
71 38.0 34.5 51.7



#30
Chloroform
Concen: 49.795 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

Tgt Ion: 83 Resp: 275890
Ion Ratio Lower Upper
83 100
85 66.1 52.6 79.0





#31

Cyclohexane

Concen: 59.226 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

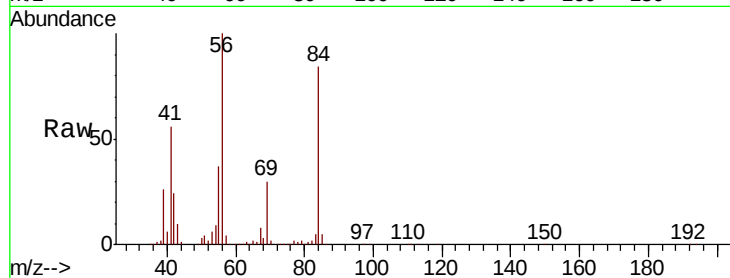
Tot Ion: 56 Resp: 265739

Ion Ratio Lower Upper

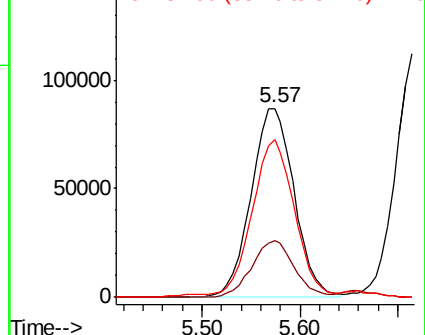
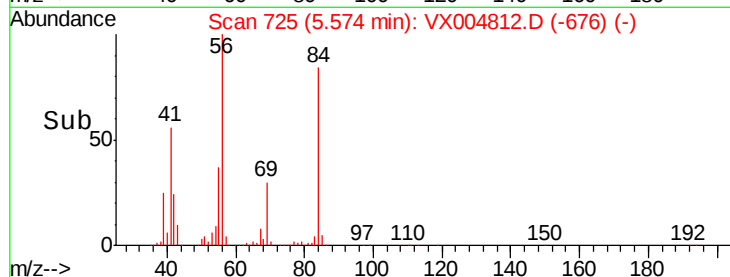
56 100

69 30.0 25.4 38.2

84 82.4 71.4 107.2



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: 52.724 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

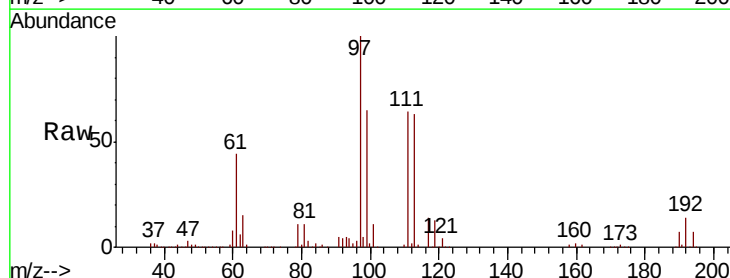
Tgt Ion: 97 Resp: 238567

Ion Ratio Lower Upper

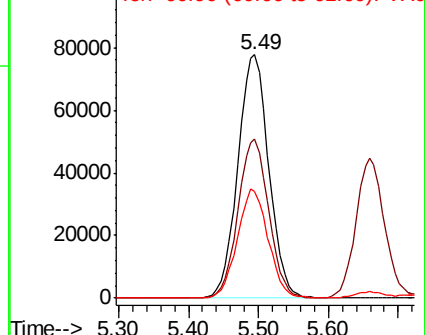
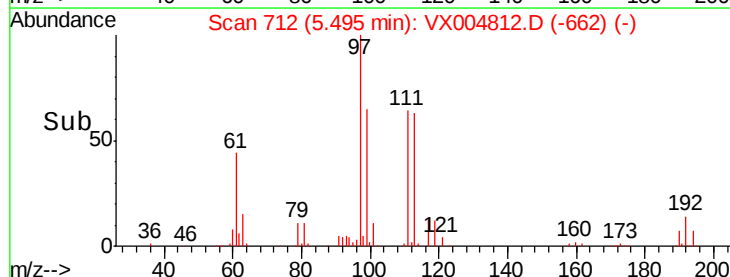
97 100

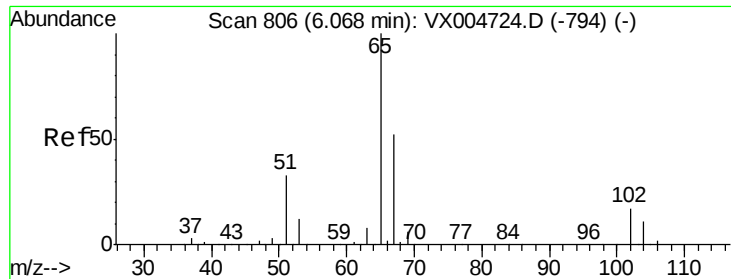
99 64.8 52.0 78.0

61 44.7 34.9 52.3



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: 49.962 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

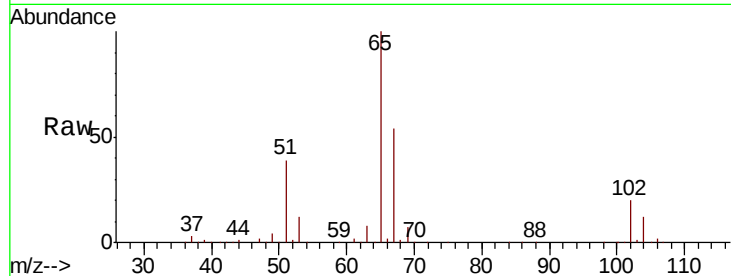
VSTDCCC050

Tot Ion: 65 Resp: 176187

Ion Ratio Lower Upper

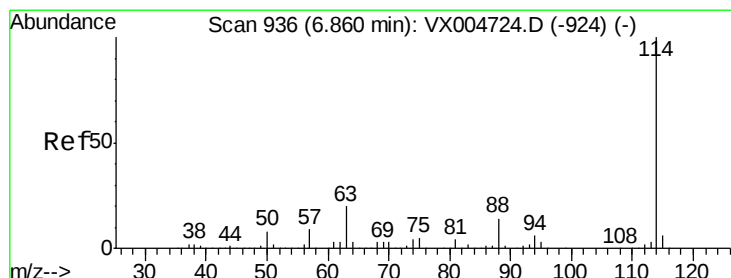
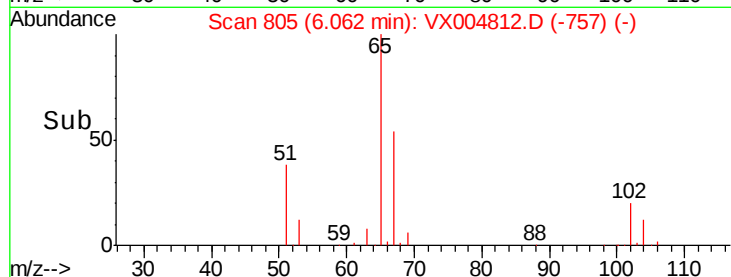
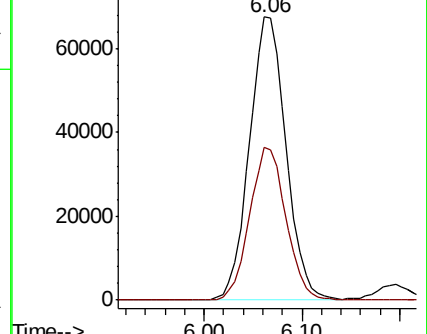
65 100

67 53.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

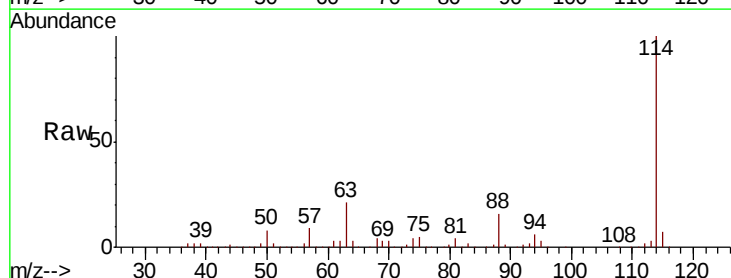
Tgt Ion: 114 Resp: 357308

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.0

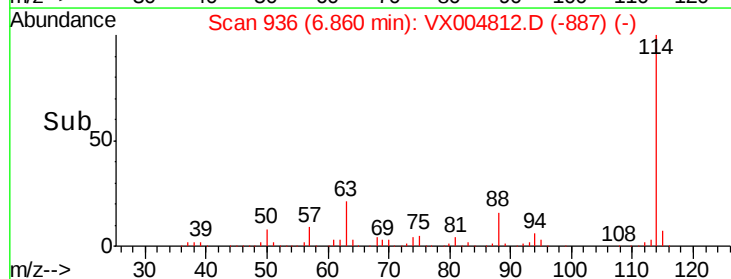
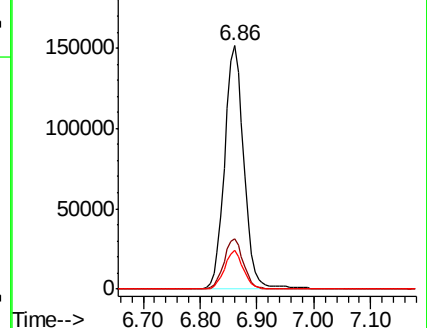
88 16.1 0.0 30.4

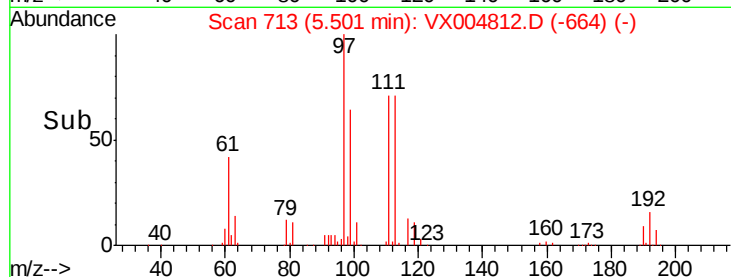
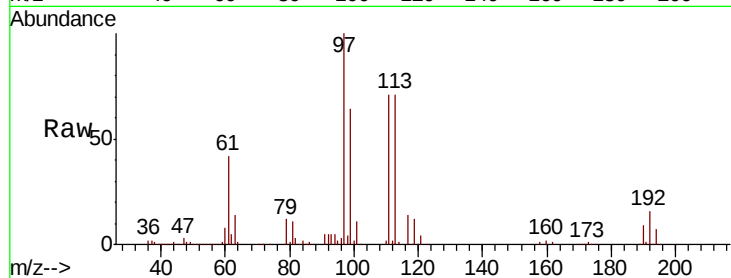


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.102 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

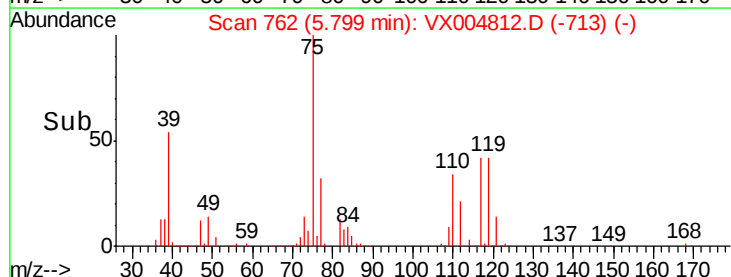
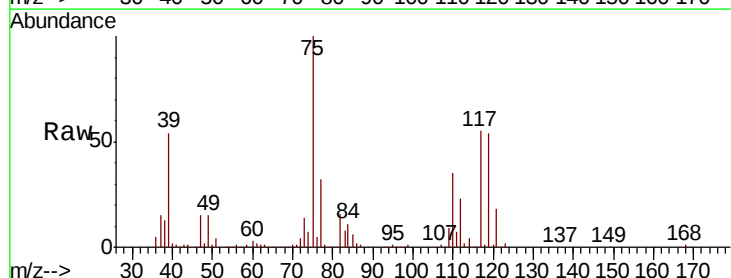
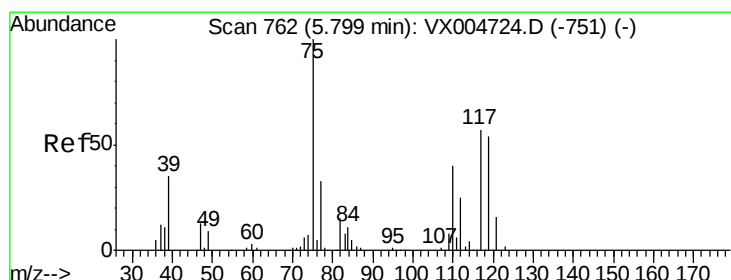
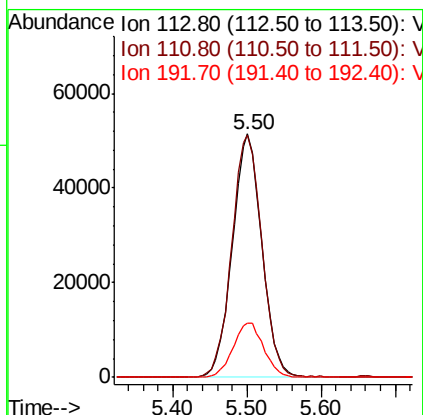
Tot Ion:113 Resp: 142636

Ion Ratio Lower Upper

113 100

111 101.7 82.4 123.6

192 23.1 19.4 29.2



#36

1,1-Dichloropropene

Concen: 51.607 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

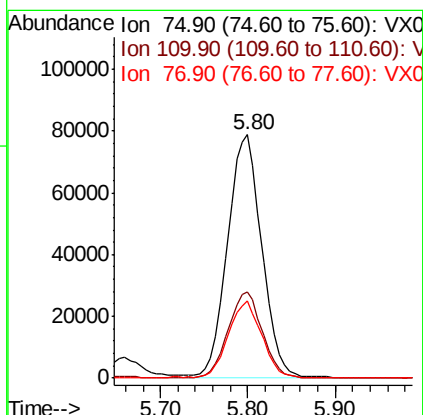
Tgt Ion: 75 Resp: 213223

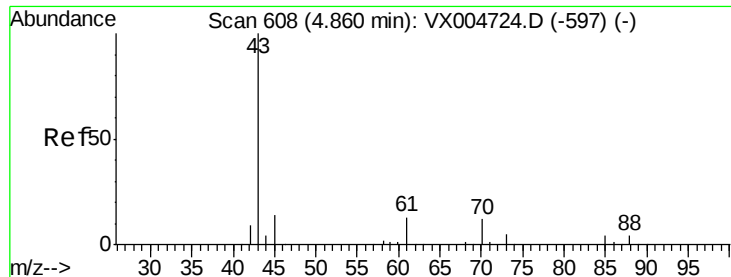
Ion Ratio Lower Upper

75 100

110 35.6 18.0 54.0

77 31.3 24.6 36.8





#37

Ethyl Acetate

Concen: 49.065 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

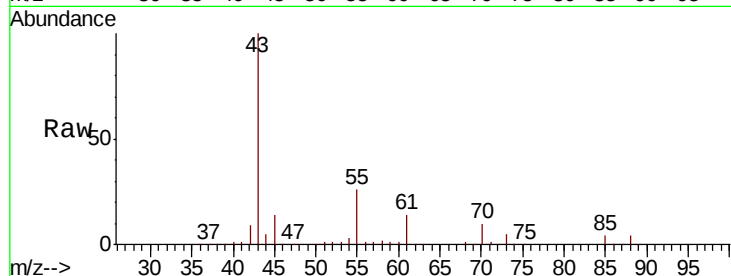
Tot Ion: 43 Resp: 269088

Ion Ratio Lower Upper

43 100

61 13.4 11.5 17.3

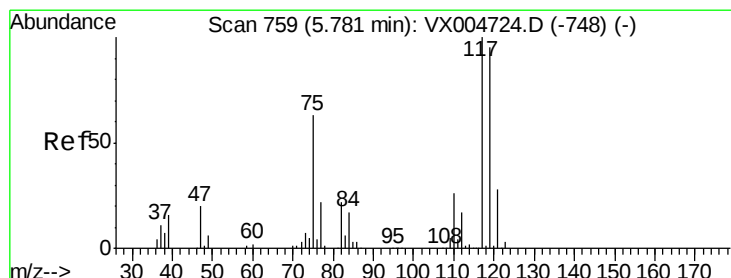
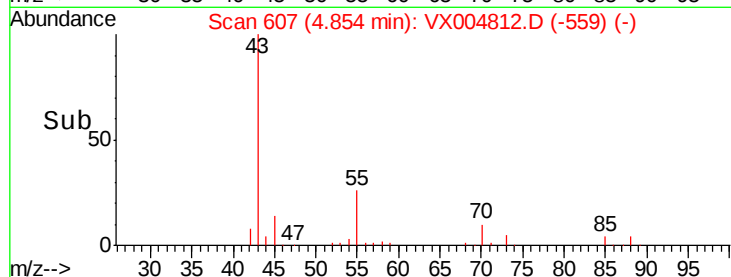
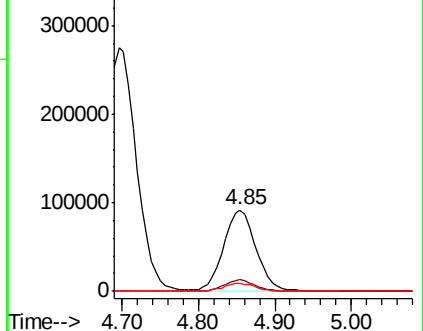
70 9.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 48.657 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

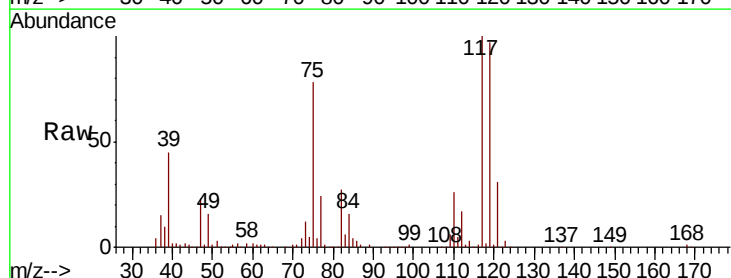
Tgt Ion: 117 Resp: 211320

Ion Ratio Lower Upper

117 100

119 96.9 78.8 118.2

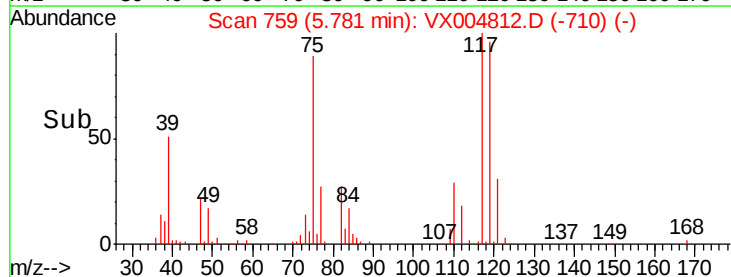
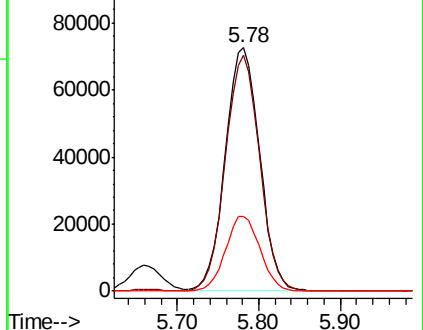
121 30.8 24.9 37.3

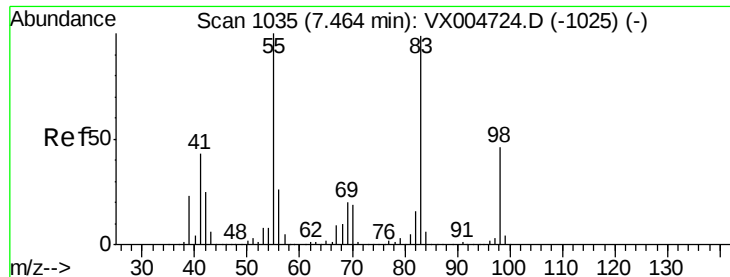


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

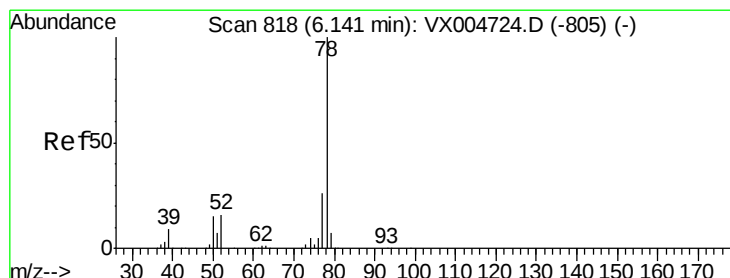
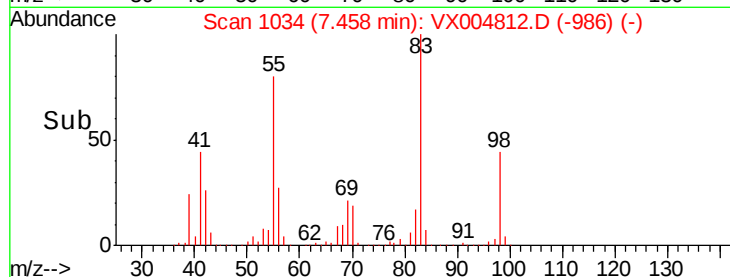
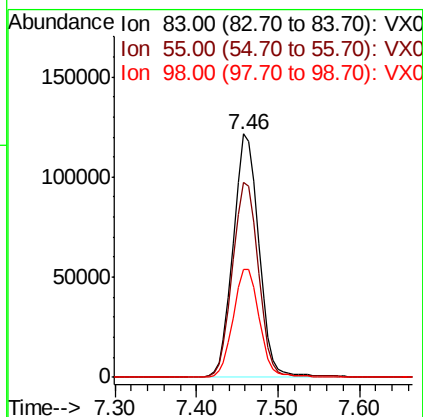
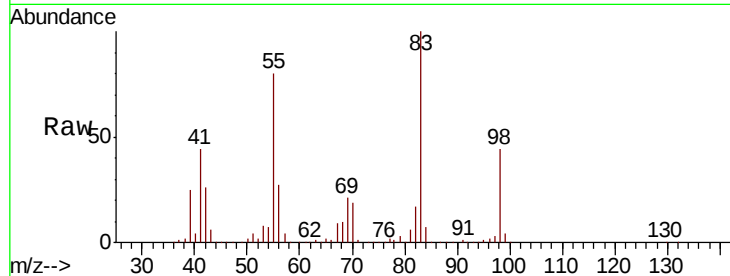




#39
Methvlcvclohexane
Concen: 62.822 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

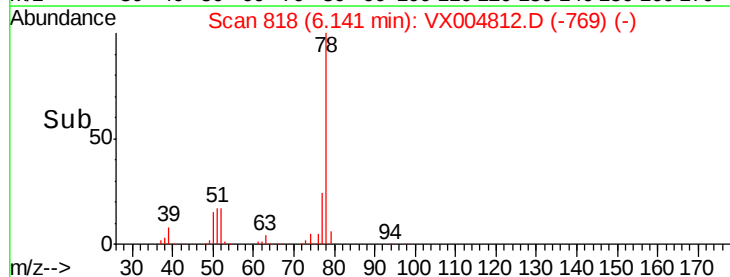
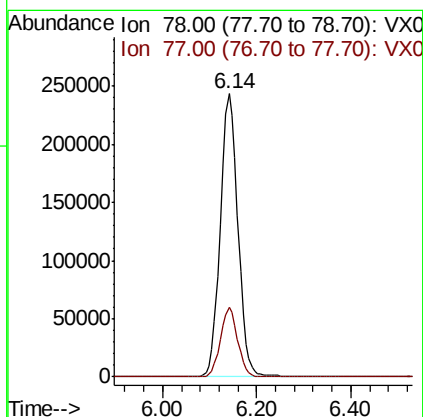
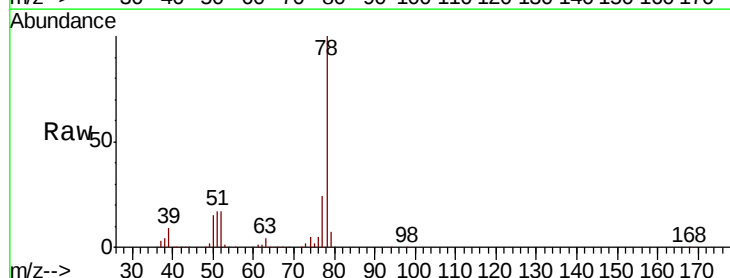
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

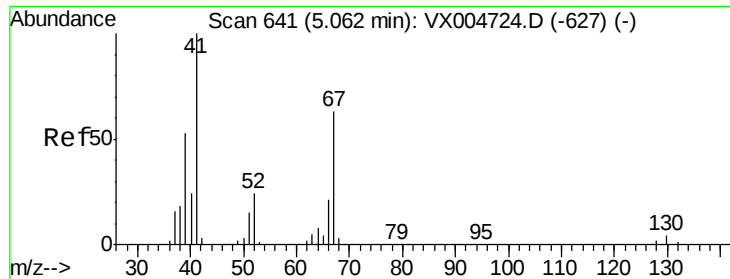
Tot Ion: 83 Resp: 265038
Ion Ratio Lower Upper
83 100
55 80.2 61.0 91.4
98 44.3 39.6 59.4



#40
Benzene
Concen: 48.998 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

Tgt Ion: 78 Resp: 633778
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4

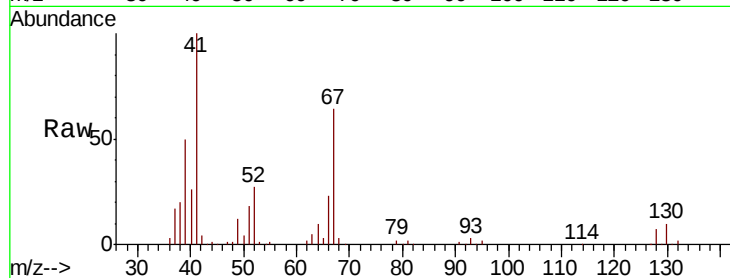




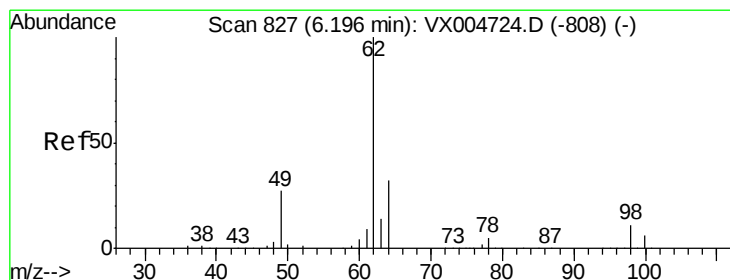
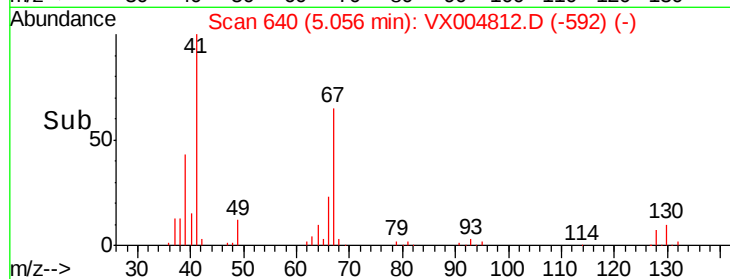
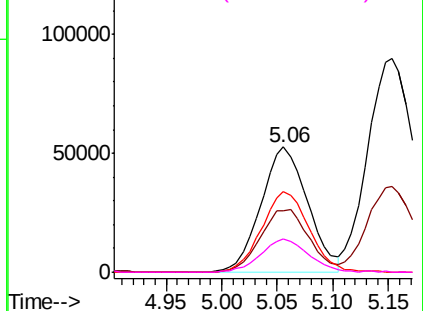
#41
Methacrylonitrile
Concen: 50.752 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	154361
Ion	Ratio	Lower	Upper
41	100		
39	52.1	42.4	63.6
67	65.7	59.2	88.8
52	26.9	23.0	34.4

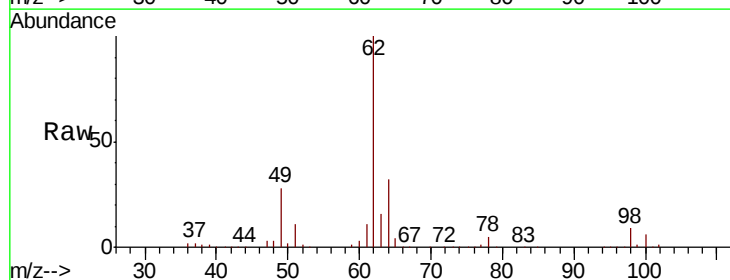


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

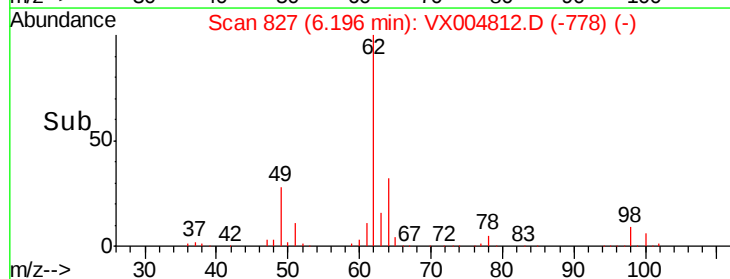
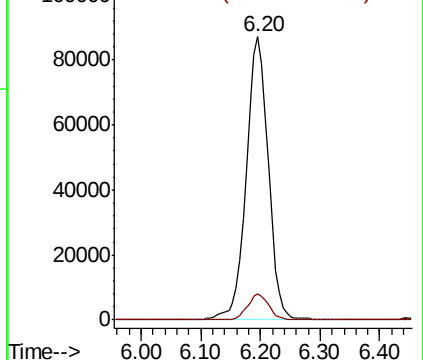


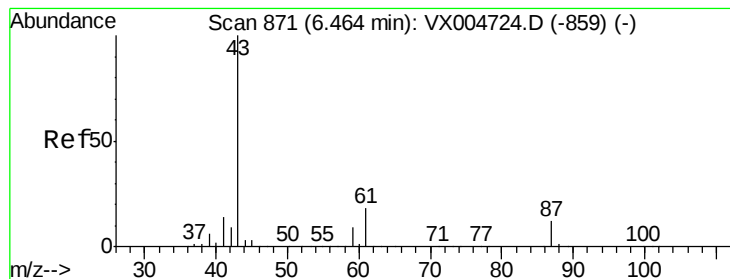
#42
1,2-Dichloroethane
Concen: 48.959 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

Tgt Ion:	62	Resp:	223872
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 50.974 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

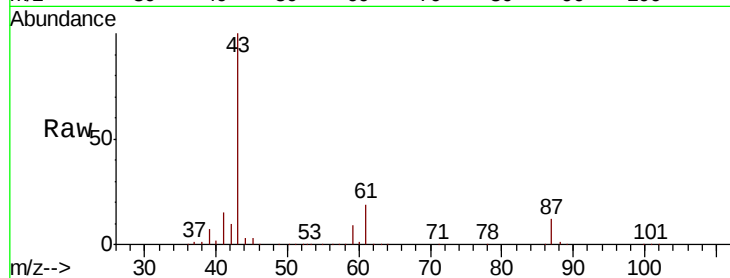
Tot Ion: 43 Resp: 403498

Ion Ratio Lower Upper

43 100

61 19.4 17.0 25.4

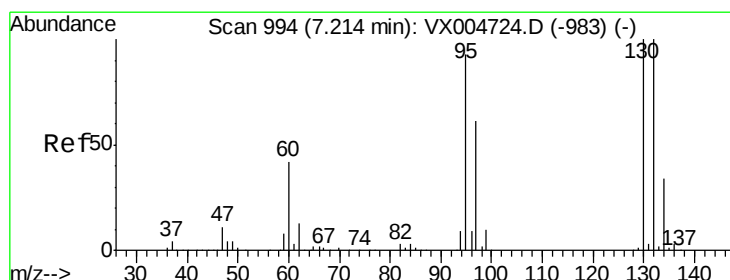
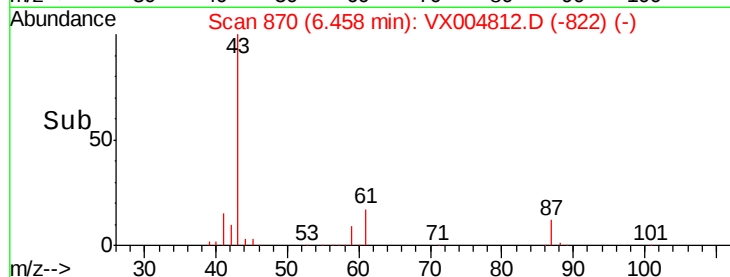
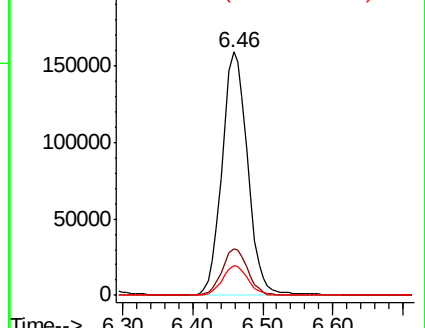
87 12.3 11.4 17.2



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: 53.184 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004812.D

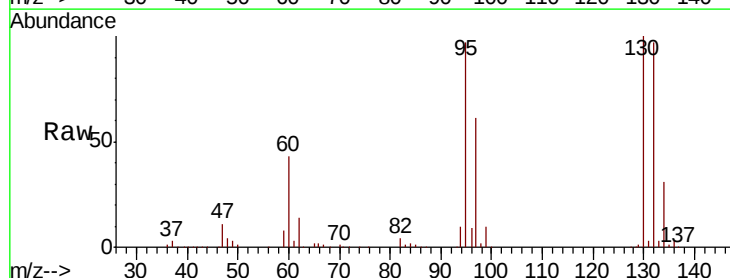
Acq: 28 Sep 2018 09:58

Tgt Ion:130 Resp: 169115

Ion Ratio Lower Upper

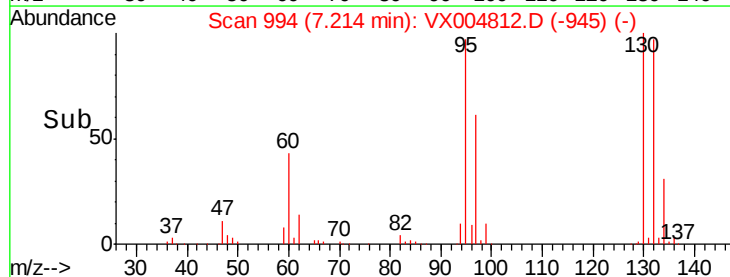
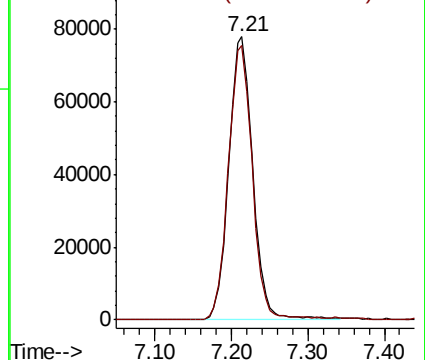
130 100

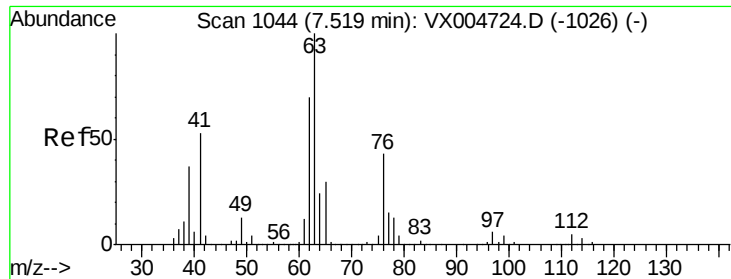
95 97.1 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

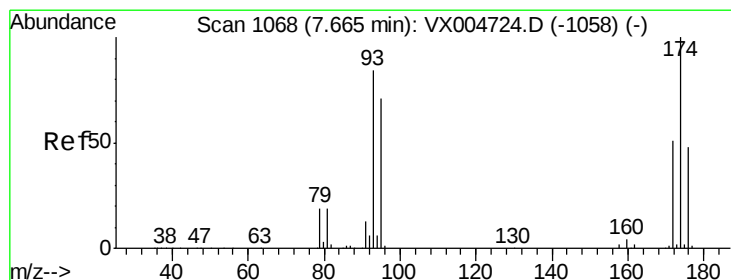
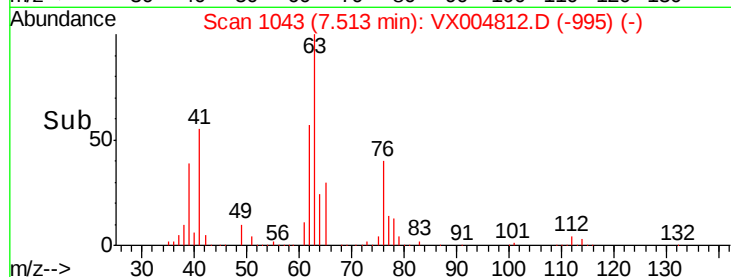
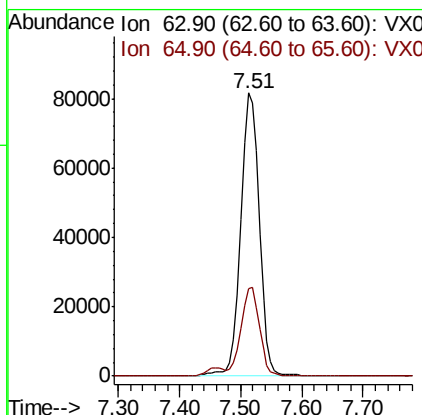
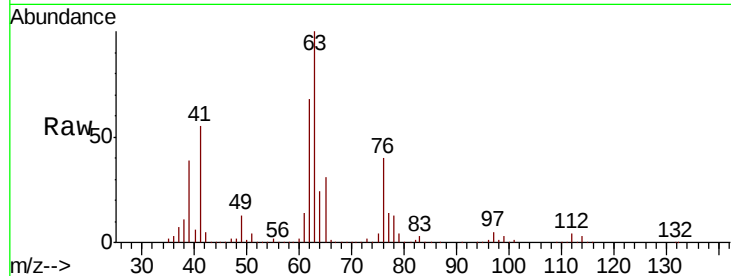




#45
 1,2-Dichloropropane
 Concen: 53.861 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX004812.D
 Acq: 28 Sep 2018 09:58

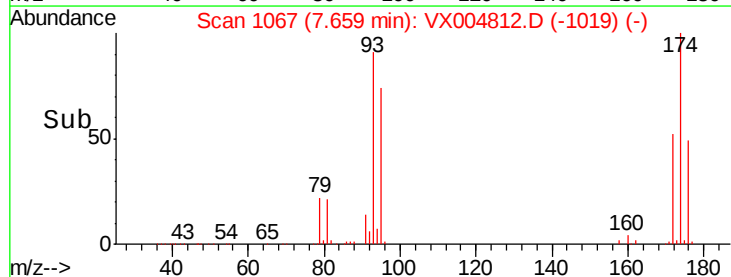
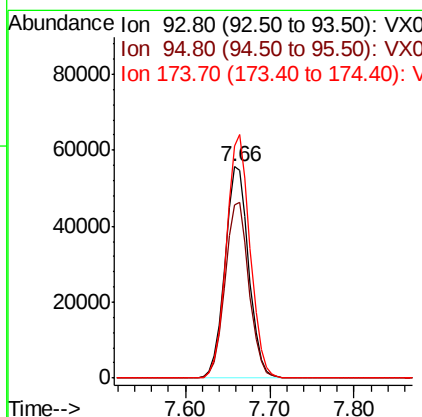
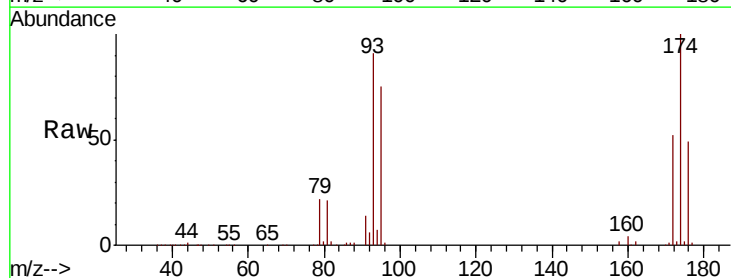
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

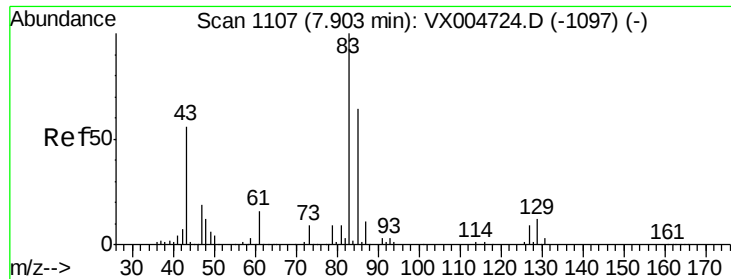
Tot Ion: 63 Resp: 170850
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.3 36.5



#46
 Dibromomethane
 Concen: 53.968 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX004812.D
 Acq: 28 Sep 2018 09:58

Tgt Ion: 93 Resp: 107585
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.5 98.3
 174 113.9 94.2 141.4





#47

Bromodichloromethane

Concen: 55.502 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

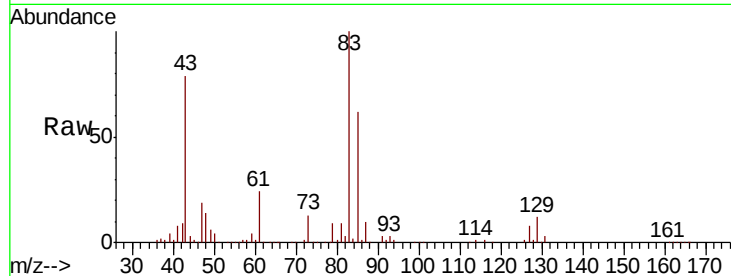
Tot Ion: 83 Resp: 207153

Ion Ratio Lower Upper

83 100

85 62.2 50.9 76.3

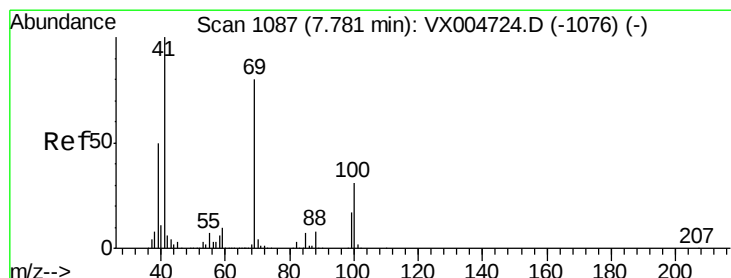
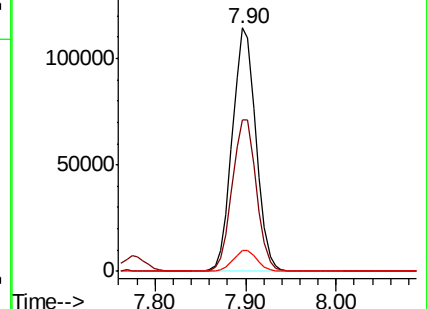
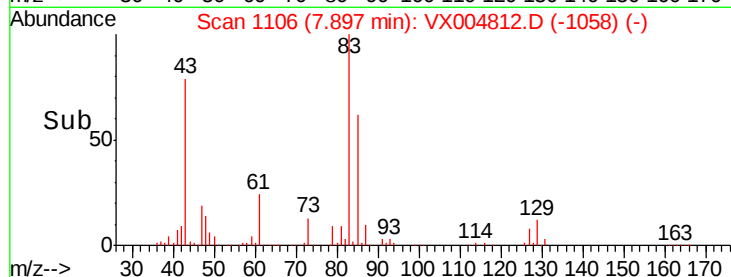
127 8.4 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 59.889 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

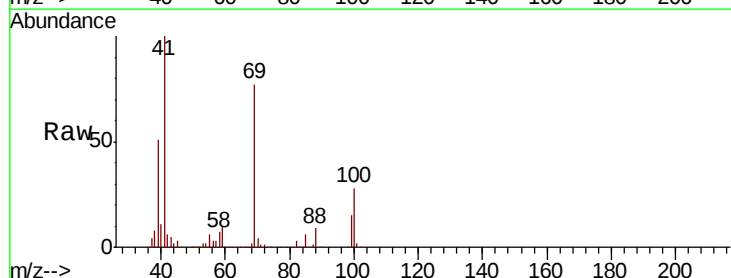
Tgt Ion: 41 Resp: 215172

Ion Ratio Lower Upper

41 100

69 80.1 70.2 105.4

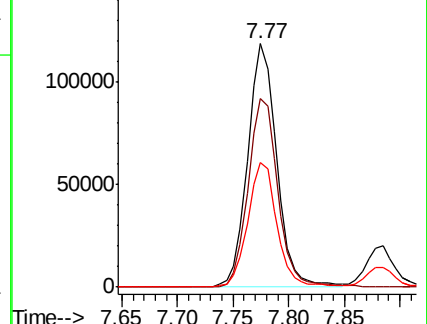
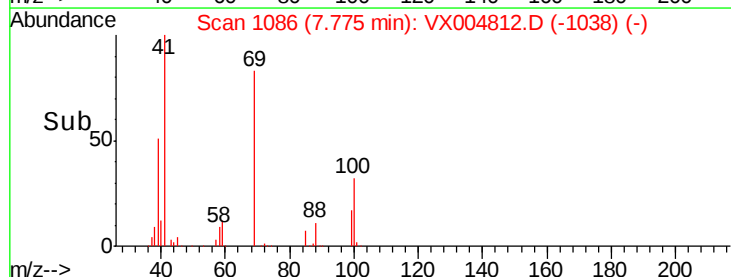
39 51.6 42.7 64.1

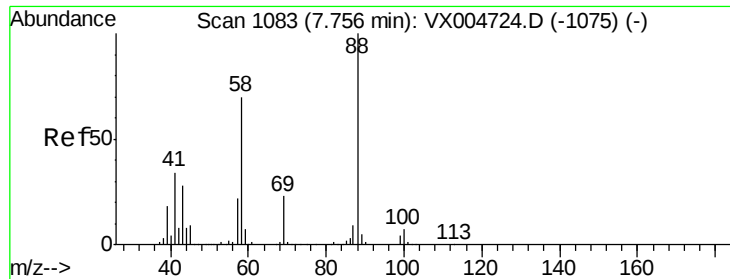


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

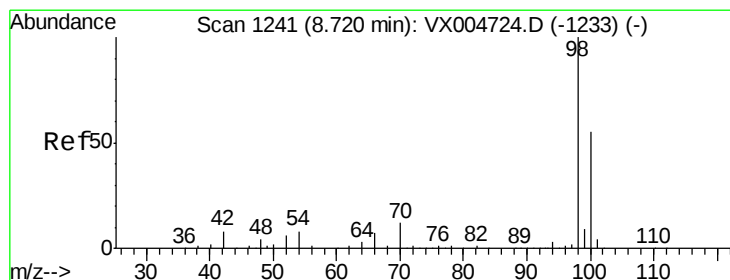
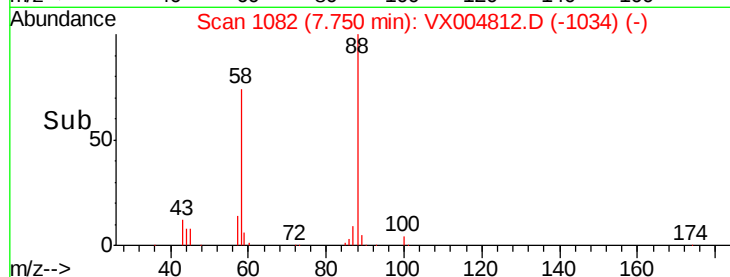
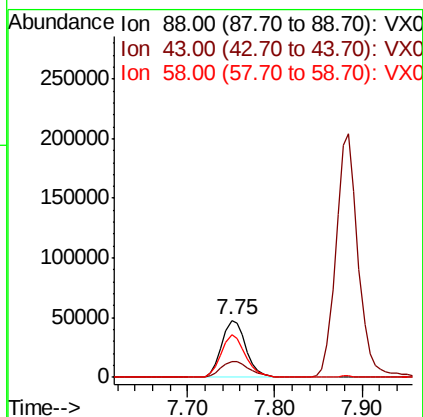
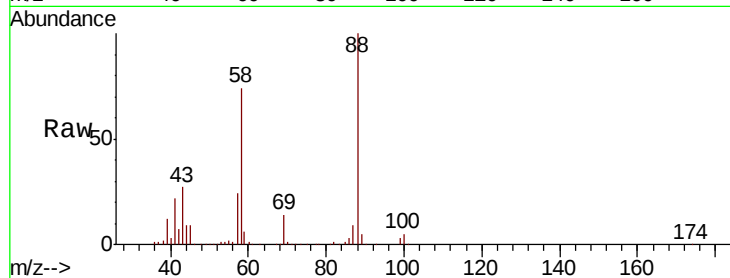




#49
1,4-Dioxane
Concen: 1038.361 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

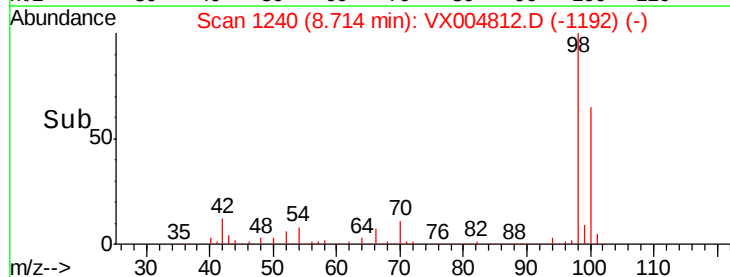
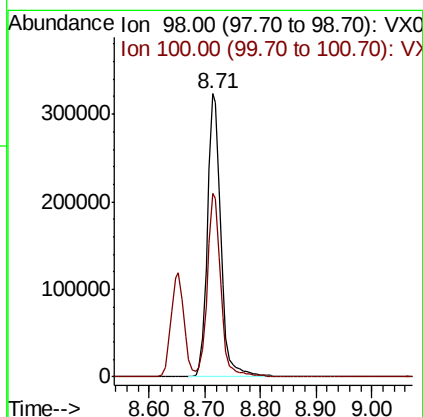
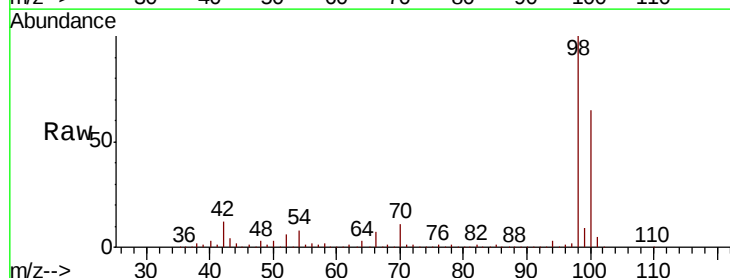
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 92685
Ion Ratio Lower Upper
88 100
43 33.1 24.7 37.1
58 74.0 55.3 82.9



#50
Toluene-d8
Concen: 54.867 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

Tgt Ion: 98 Resp: 552360
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 288.641 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

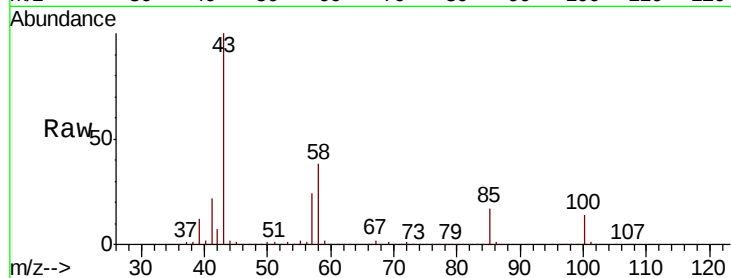
VSTDCCC050

Tot Ion: 43 Resp: 1438631

Ion Ratio Lower Upper

43 100

58 38.3 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

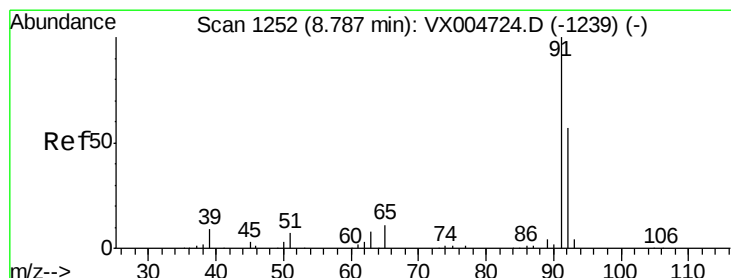
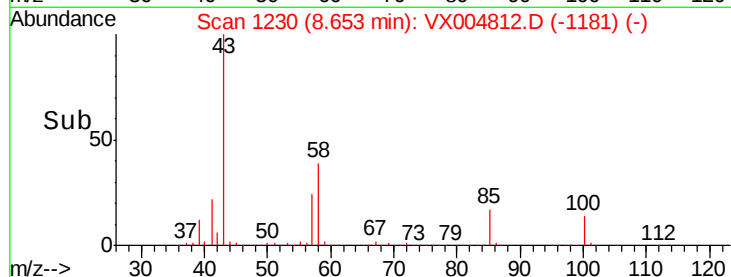
600000

400000

200000

0

Time--> 8.50 8.60 8.70 8.80



#52

Toluene

Concen: 55.926 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX004812.D

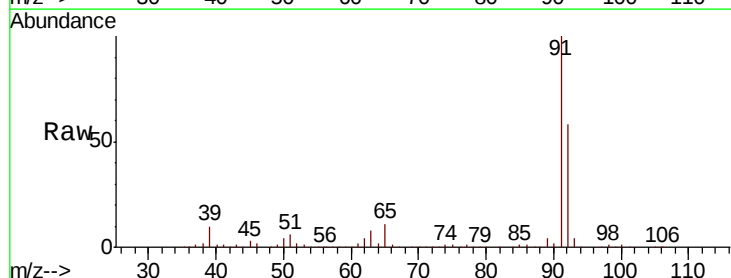
Acq: 28 Sep 2018 09:58

Tgt Ion: 92 Resp: 397496

Ion Ratio Lower Upper

92 100

91 174.0 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

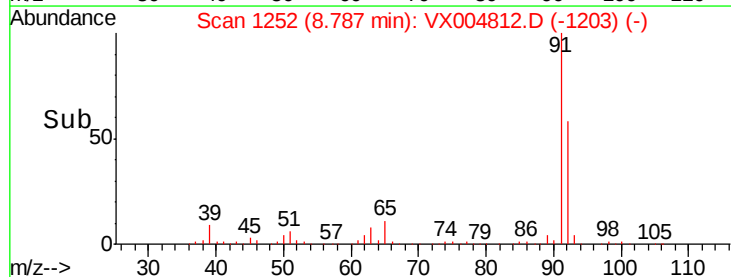
300000

200000

100000

0

Time--> 8.70 8.80 8.90 9.00





#53

t-1,3-Dichloropropene

Concen: 56.640 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

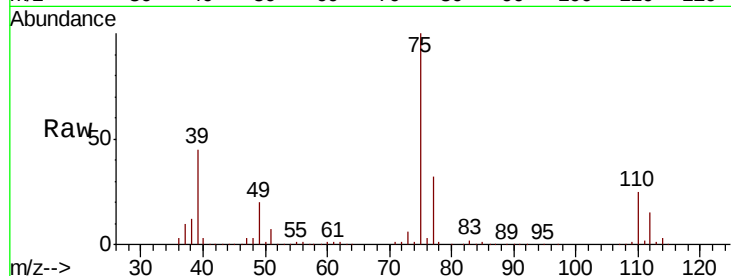
VSTDCCC050

Tot Ion: 75 Resp: 238890

Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

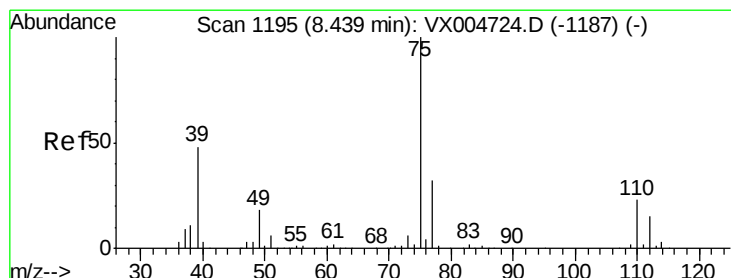
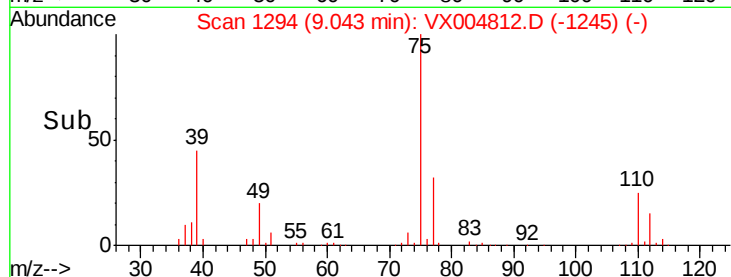
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 58.781 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

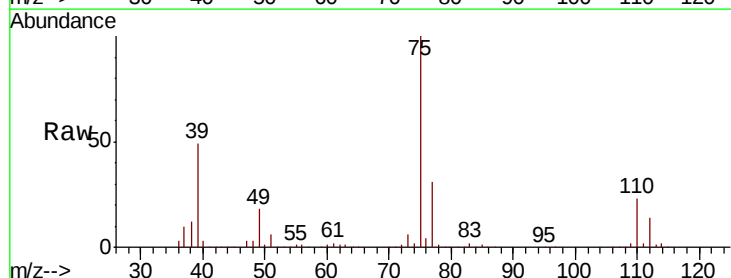
Tgt Ion: 75 Resp: 259681

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2

39 48.8 36.4 54.6



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

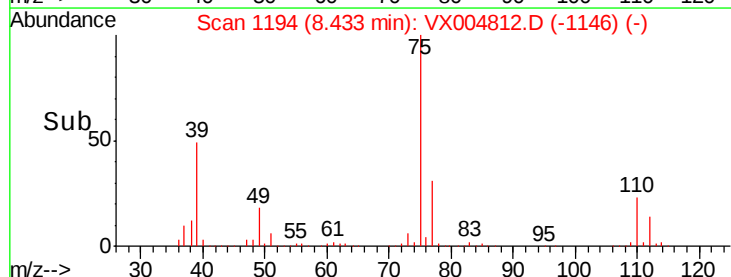
150000

100000

50000

0

Time-->

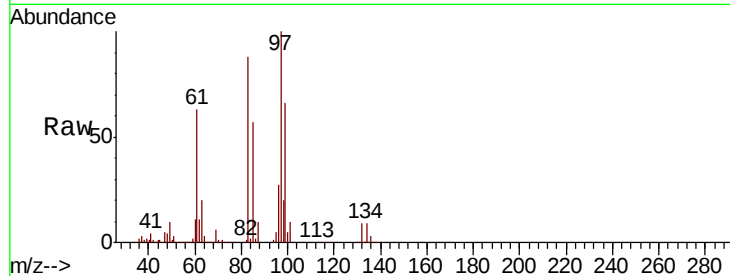




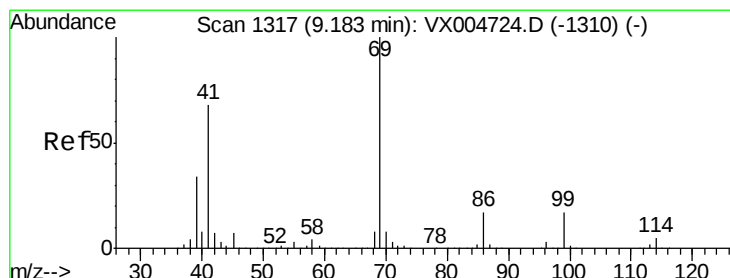
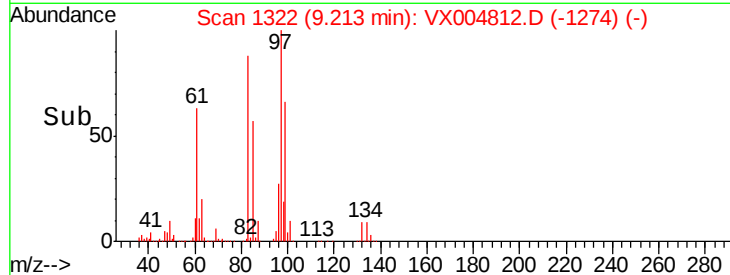
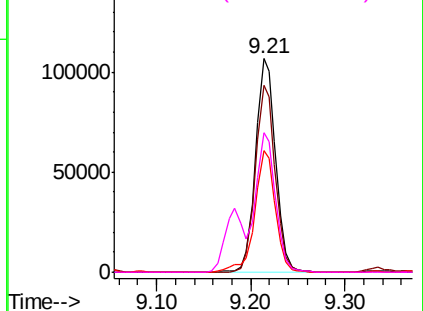
#55
 1,1,2-Trichloroethane
 Concen: 51.601 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX004812.D
 Acq: 28 Sep 2018 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	160651
Ion	Ratio	Lower	Upper
97	100		
83	87.6	66.4	99.6
85	56.7	43.3	64.9
99	65.6	49.0	73.4

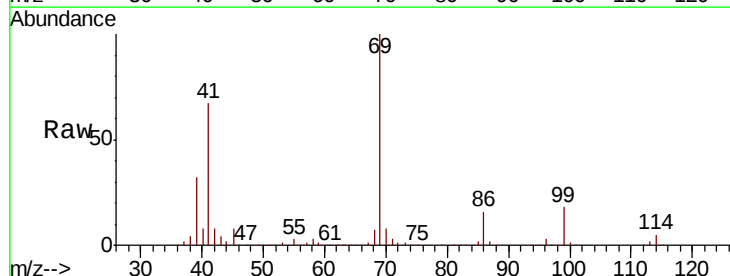


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

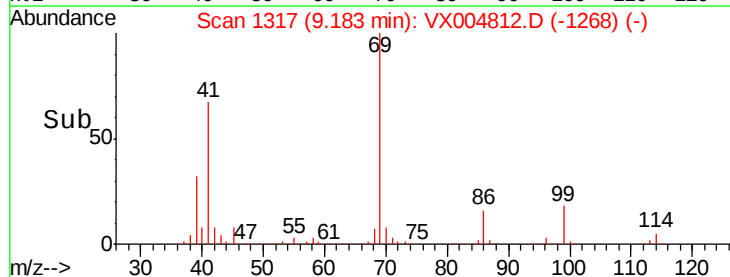
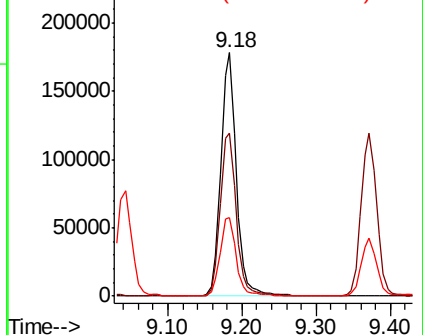


#56
 Ethyl methacrylate
 Concen: 50.741 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004812.D
 Acq: 28 Sep 2018 09:58

Tgt Ion:	69	Resp:	256575
Ion	Ratio	Lower	Upper
69	100		
41	69.6	51.0	76.4
39	33.7	26.1	39.1



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 52.853 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

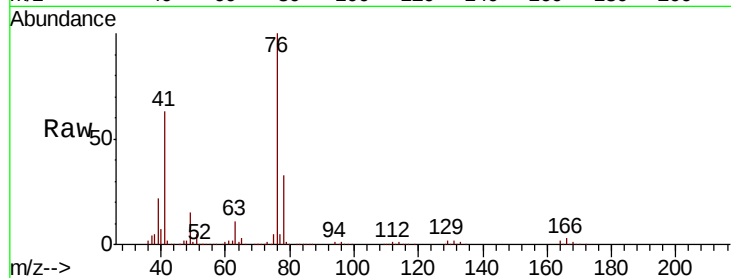
VSTDCCC050

Tot Ion: 76 Resp: 273861

Ion Ratio Lower Upper

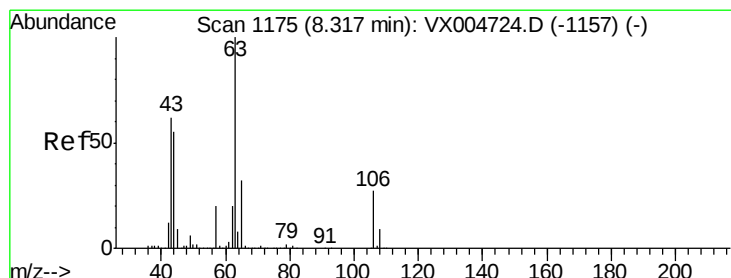
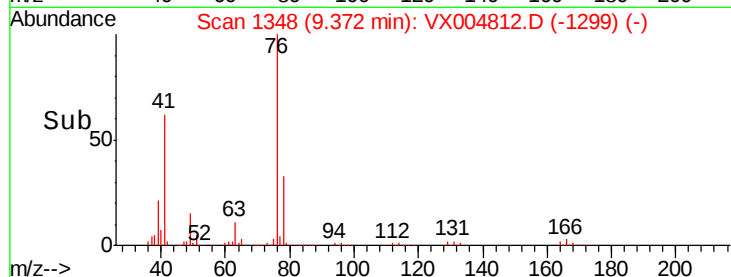
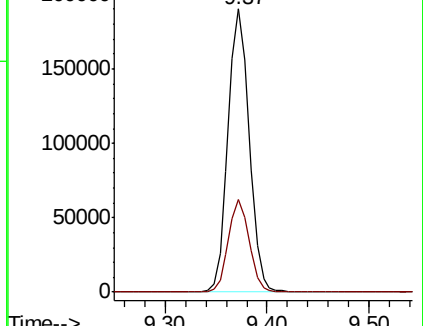
76 100

78 32.2 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: 269.404 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX004812.D

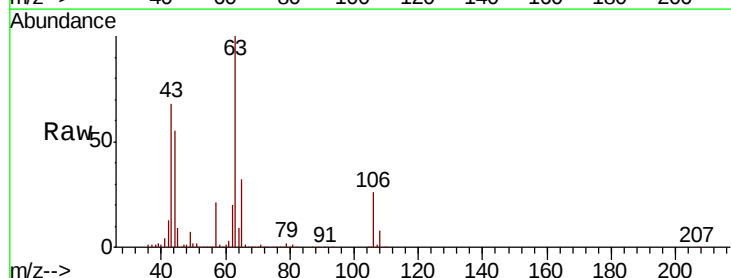
Acq: 28 Sep 2018 09:58

Tgt Ion: 63 Resp: 725839

Ion Ratio Lower Upper

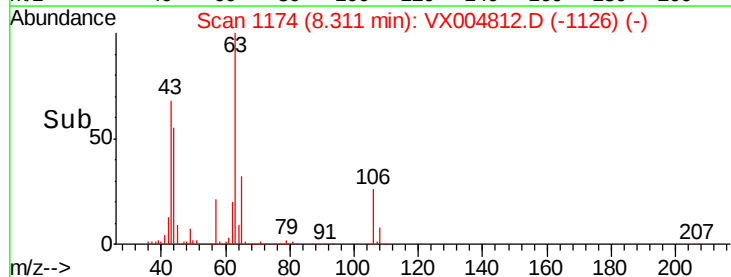
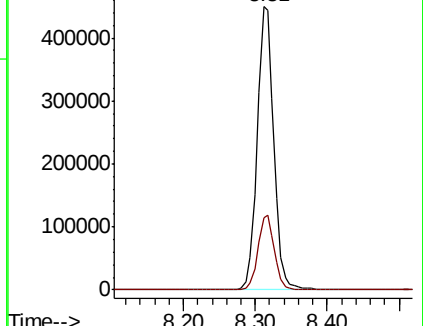
63 100

106 26.2 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

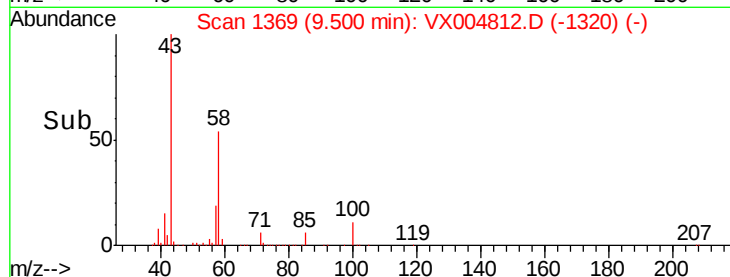
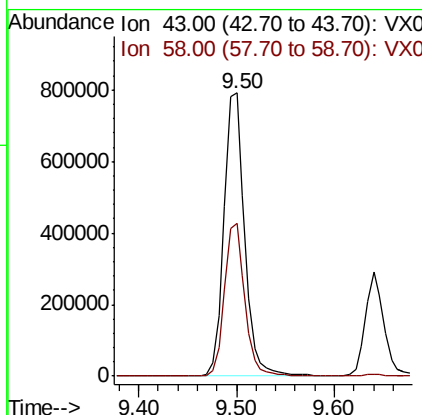
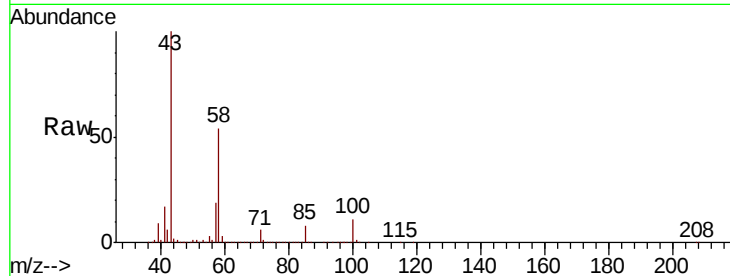




#59
2-Hexanone
Concen: 279.826 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

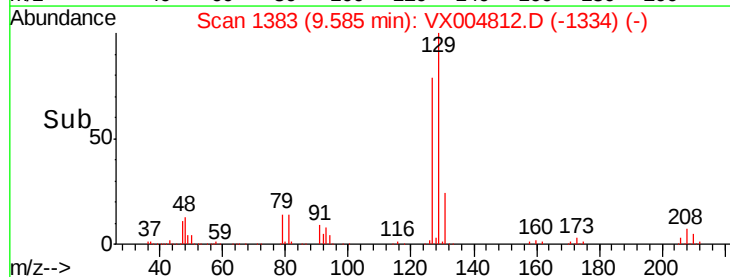
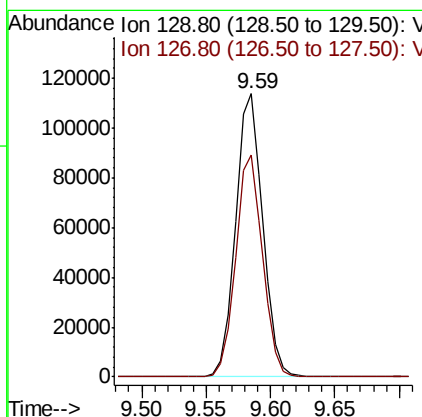
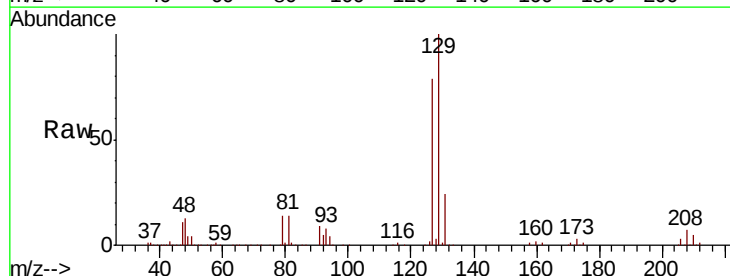
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

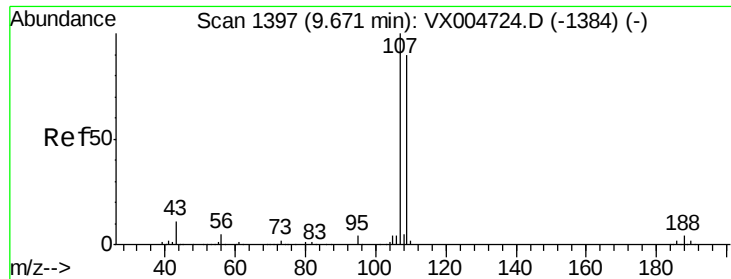
Tot Ion: 43 Resp: 1162228
Ion Ratio Lower Upper
43 100
58 53.1 29.0 87.0



#60
Dibromochloromethane
Concen: 53.328 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

Tgt Ion: 129 Resp: 166040
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.218 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

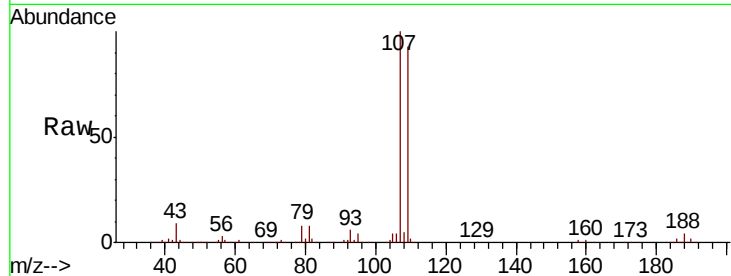
VSTDCCC050

Tot Ion:107 Resp: 167439

Ion Ratio Lower Upper

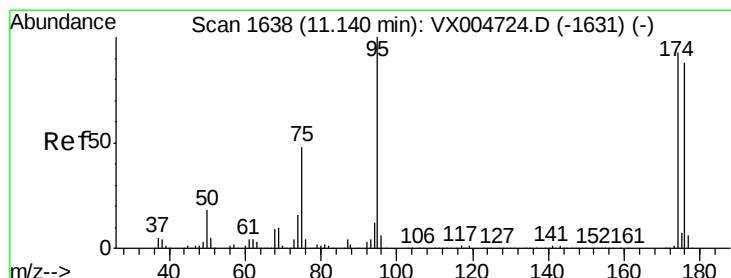
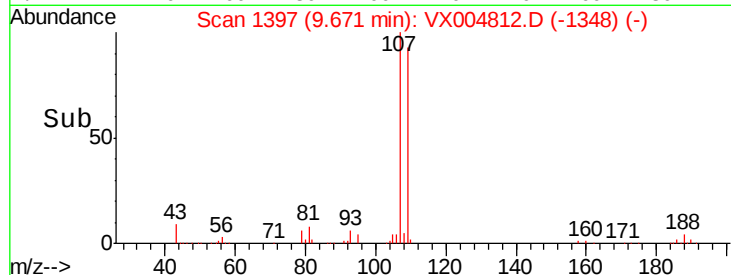
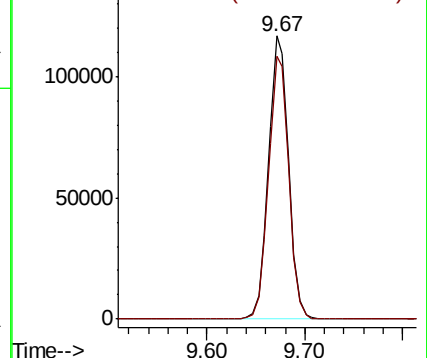
107 100

109 94.0 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.360 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

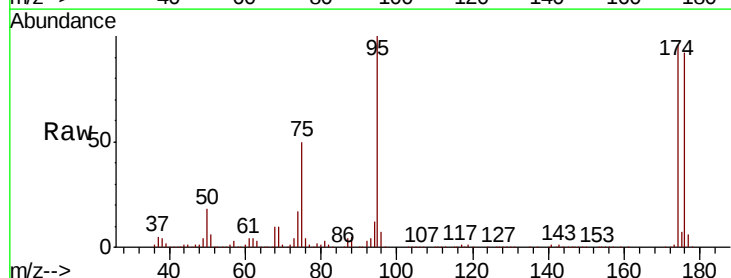
Tgt Ion: 95 Resp: 204408

Ion Ratio Lower Upper

95 100

174 91.3 0.0 185.2

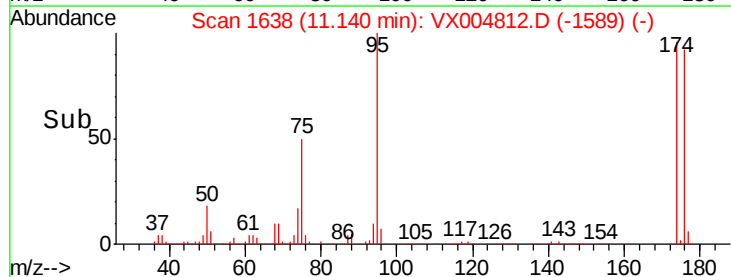
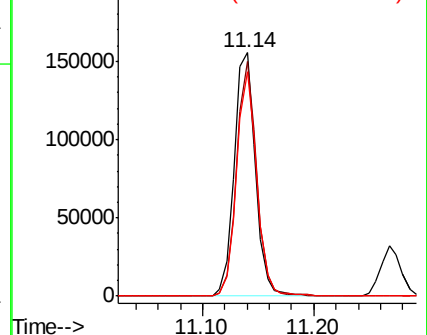
176 88.0 0.0 178.6

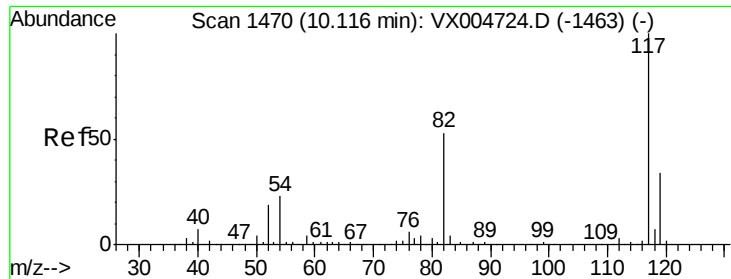


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

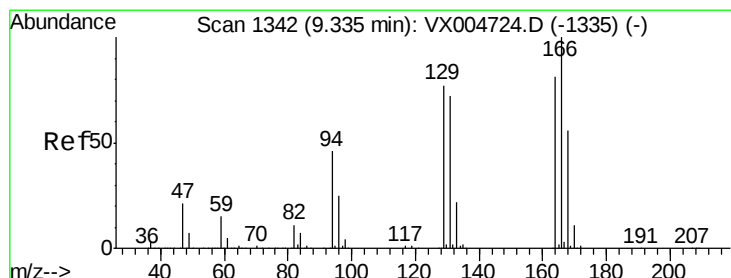
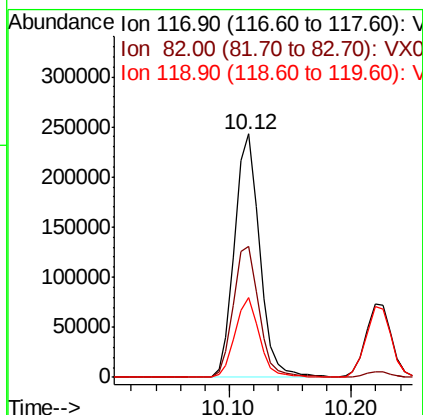
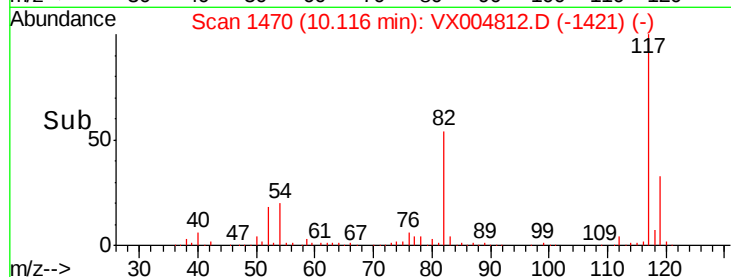
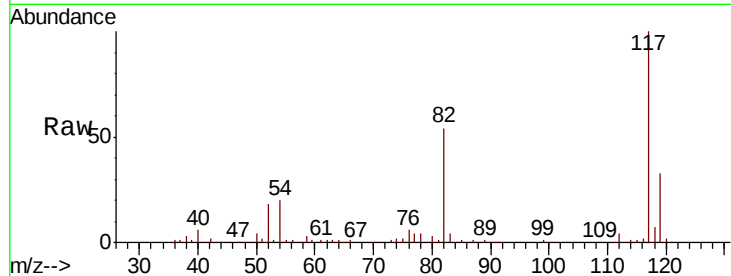




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

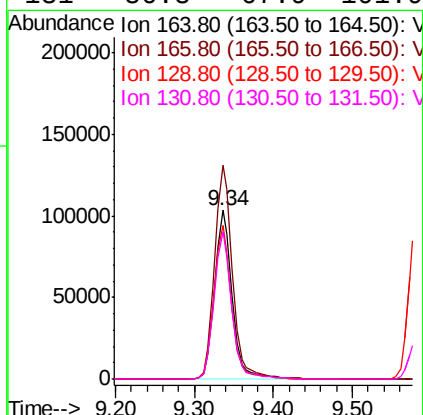
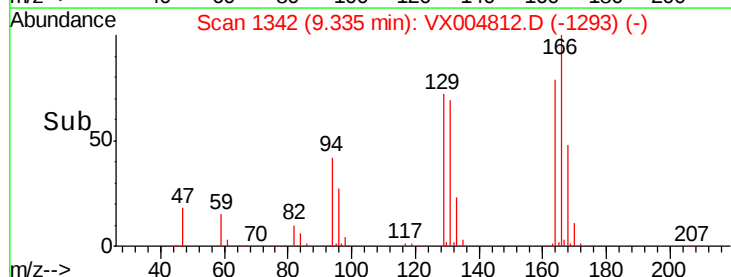
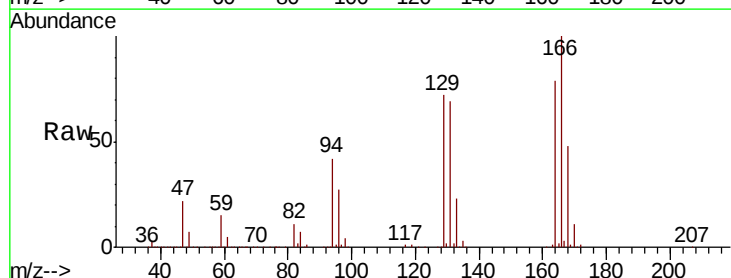
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 345542
Ion Ratio Lower Upper
117 100
82 53.7 47.8 71.6
119 32.6 29.3 43.9



#64
Tetrachloroethene
Concen: 47.385 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

Tgt Ion:164 Resp: 161151
Ion Ratio Lower Upper
164 100
166 126.4 102.8 154.2
129 90.8 69.4 104.0
131 86.8 67.9 101.9

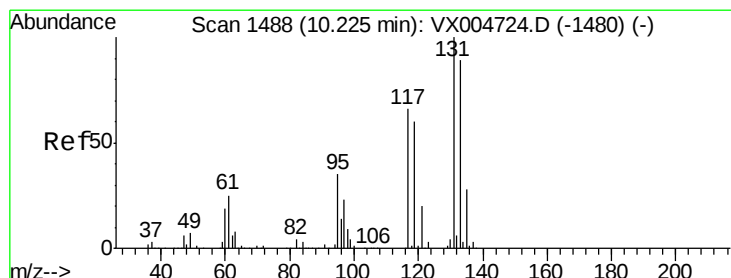
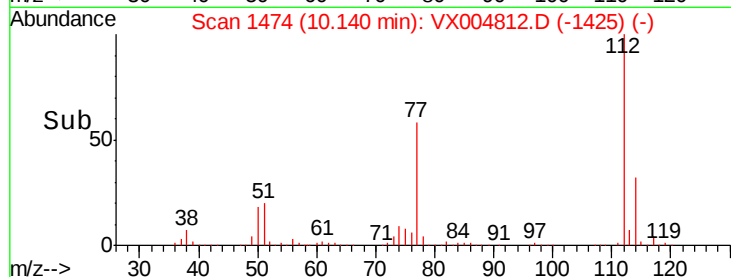
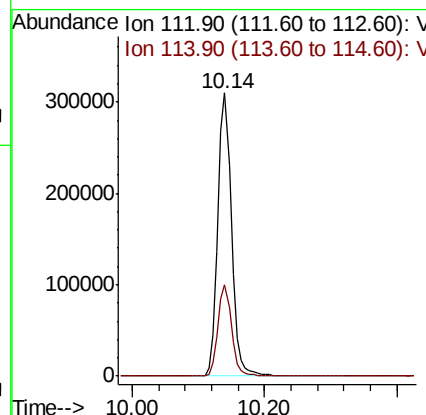
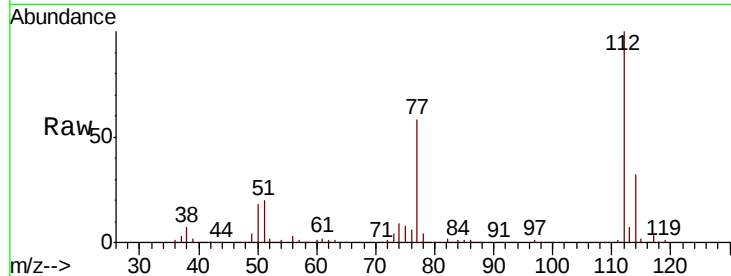




#65
Chlorobenzene
Concen: 49.762 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

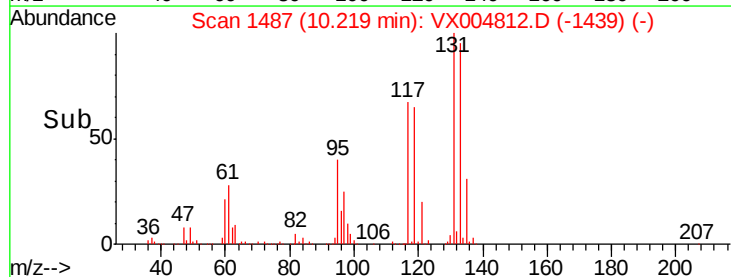
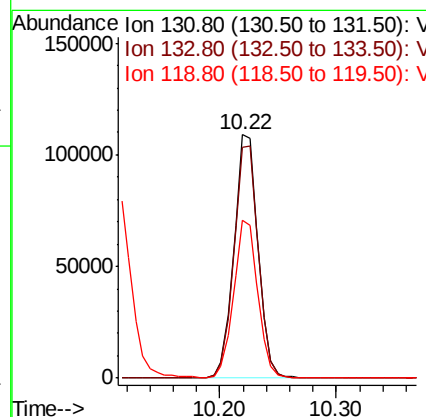
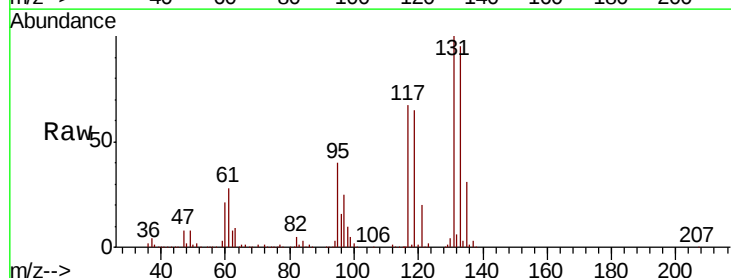
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

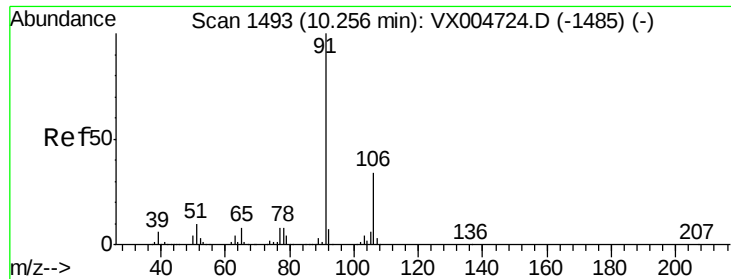
Tot Ion:112 Resp: 440922
Ion Ratio Lower Upper
112 100
114 32.2 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.316 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

Tgt Ion:131 Resp: 156737
Ion Ratio Lower Upper
131 100
133 96.8 48.1 144.4
119 64.9 32.9 98.6

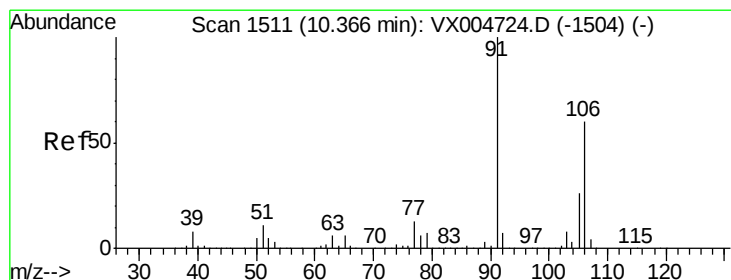
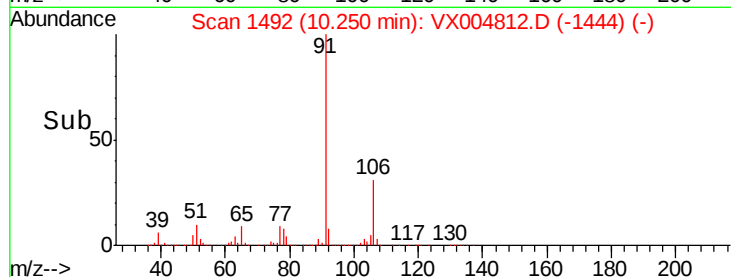
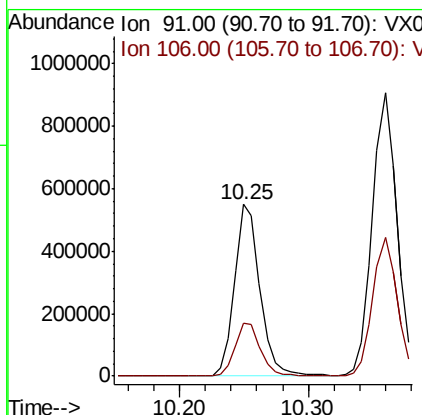
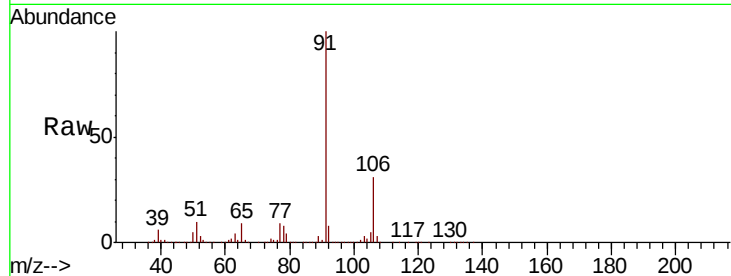




#67
Ethyl Benzene
Concen: 54.184 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

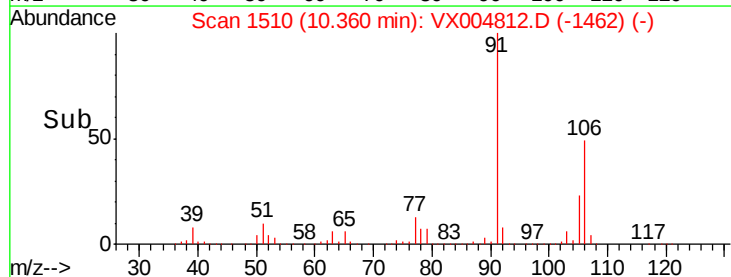
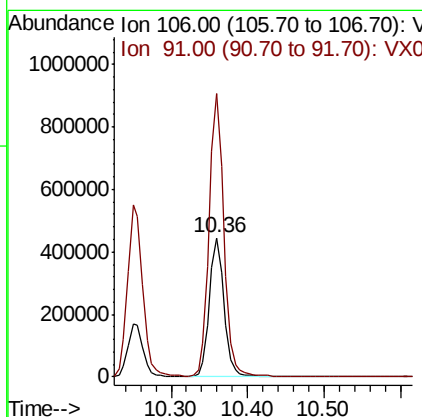
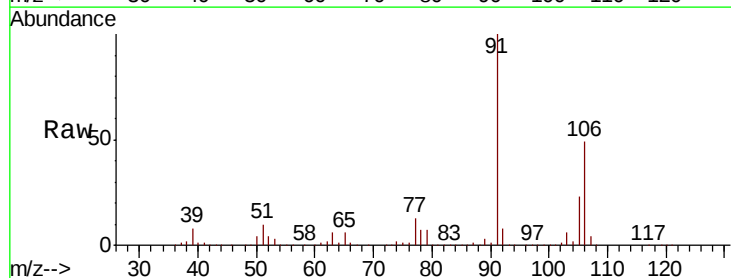
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 762225
Ion Ratio Lower Upper
91 100
106 30.6 25.9 38.9



#68
m/p-Xylenes
Concen: 109.227 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

Tgt Ion: 106 Resp: 600437
Ion Ratio Lower Upper
106 100
91 203.1 157.1 235.7

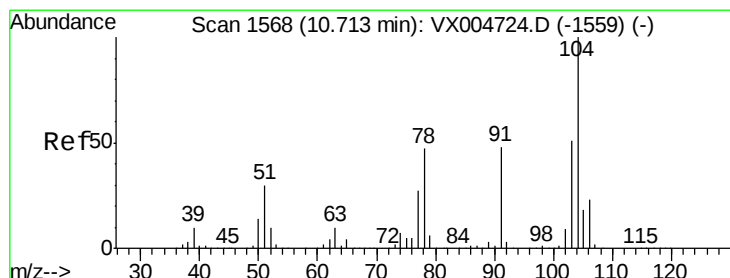
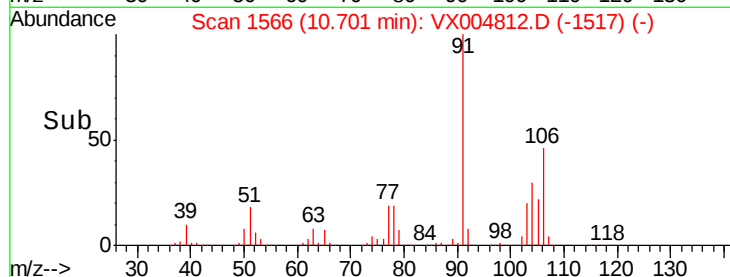
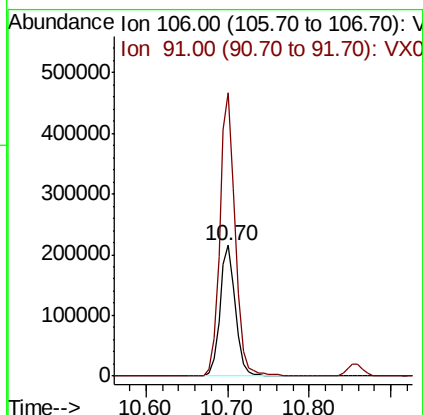
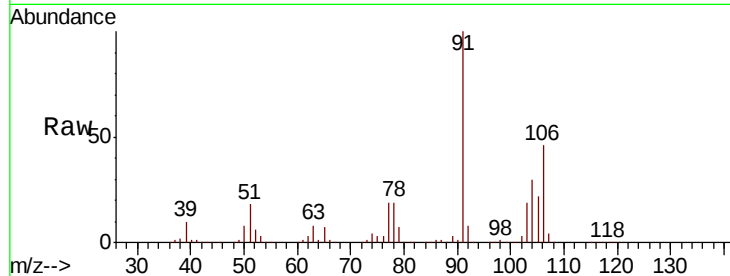




#69
o-Xylene
Concen: 56.363 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

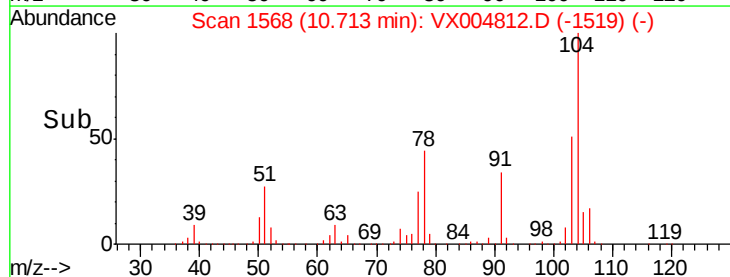
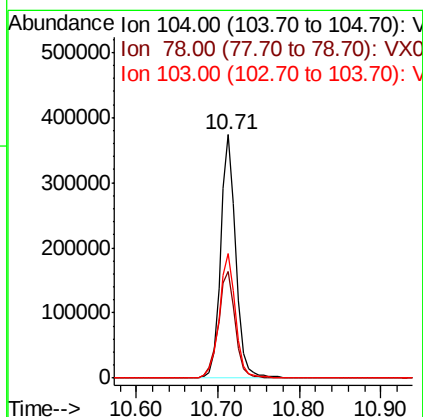
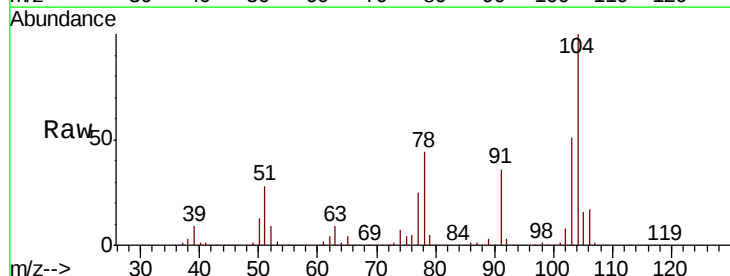
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

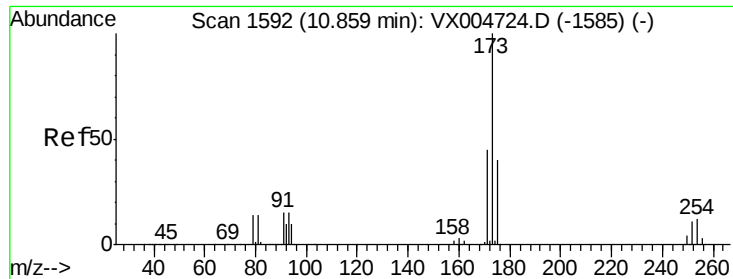
Tot Ion:106 Resp: 284584
Ion Ratio Lower Upper
106 100
91 215.1 105.1 315.1



#70
Styrene
Concen: 51.101 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

Tgt Ion:104 Resp: 483028
Ion Ratio Lower Upper
104 100
78 49.6 37.4 56.0
103 55.6 43.8 65.6





#71

Bromoform

Concen: 51.199 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

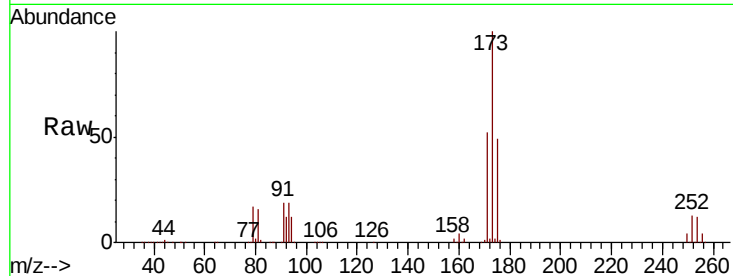
Tot Ion:173 Resp: 136541

Ion Ratio Lower Upper

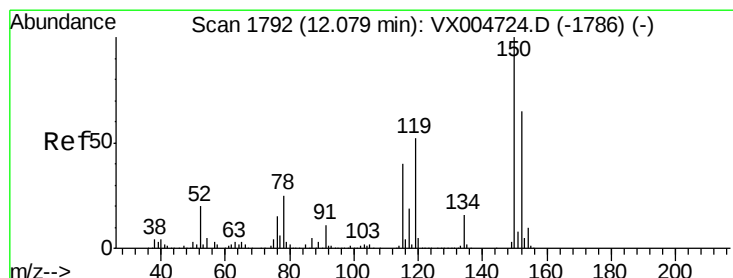
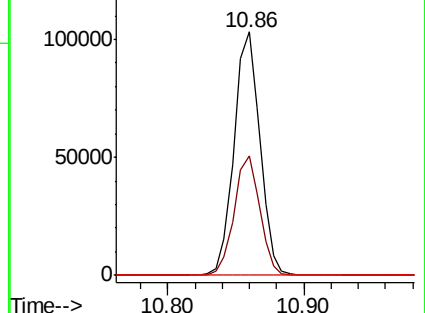
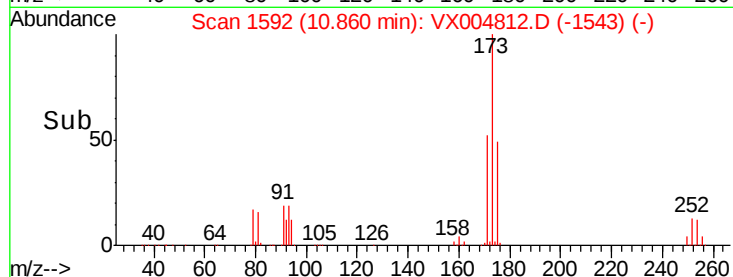
173 100

175 48.6 24.1 72.3

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

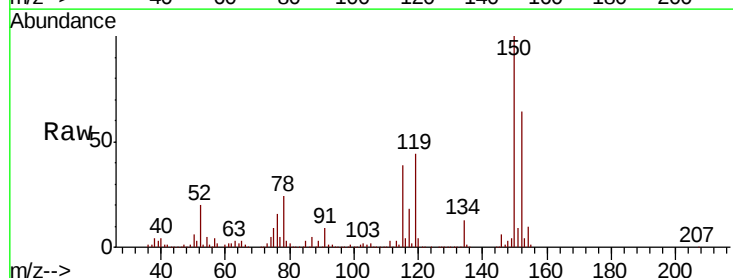
Tgt Ion:152 Resp: 218845

Ion Ratio Lower Upper

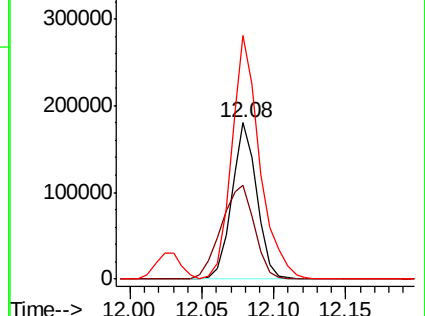
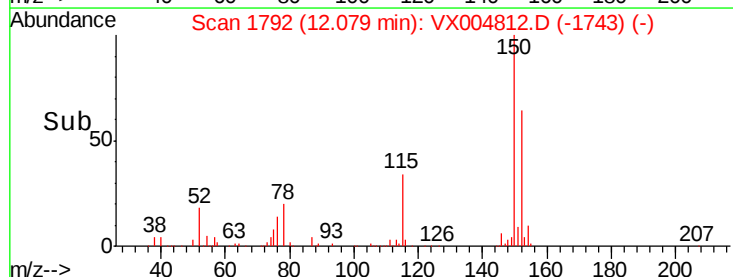
152 100

115 80.4 39.0 117.0

150 174.1 0.0 351.0



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: 56.000 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

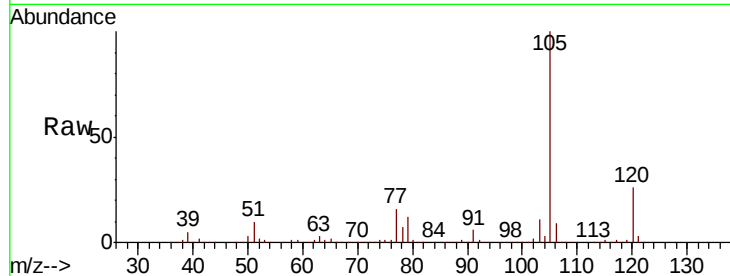
VSTDCCC050

Tot Ion:105 Resp: 772470

Ion Ratio Lower Upper

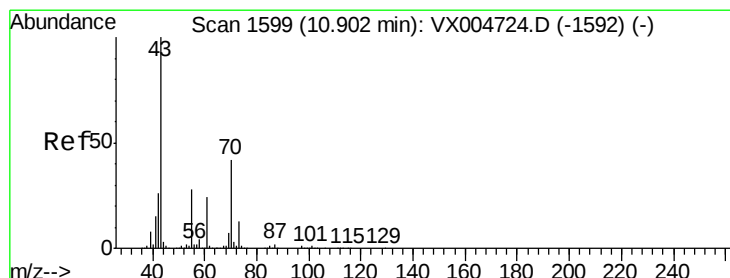
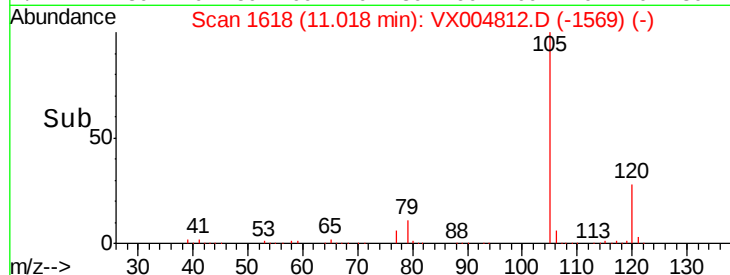
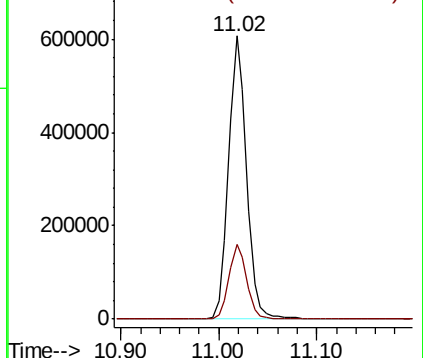
105 100

120 26.3 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.301 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Tgt Ion: 43 Resp: 373603

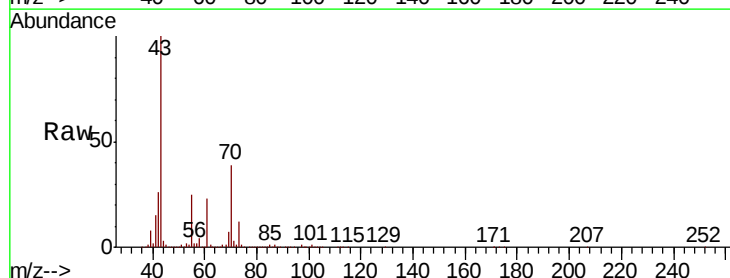
Ion Ratio Lower Upper

43 100

70 40.5 37.4 56.0

55 25.1 21.8 32.8

61 23.5 20.6 30.8

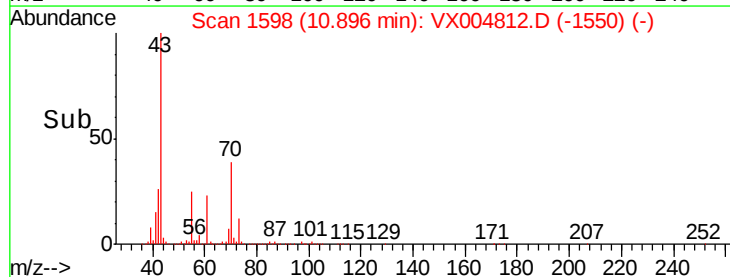
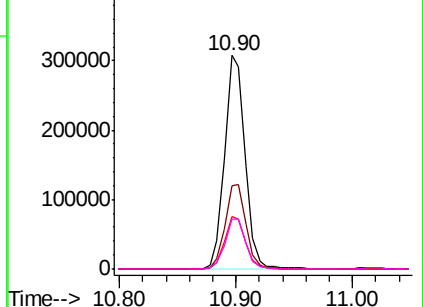


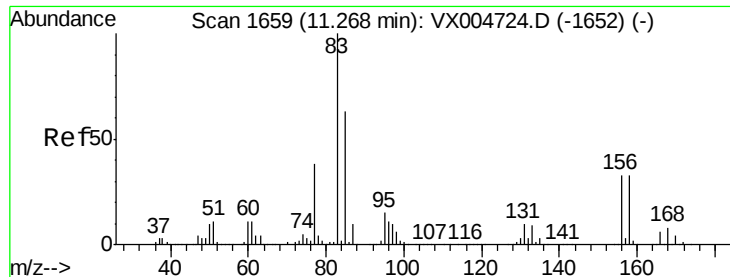
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.594 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

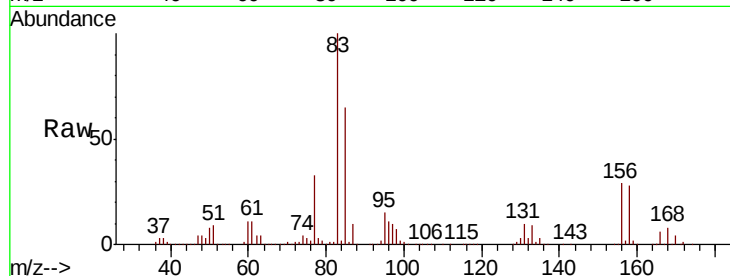
Tot Ion: 83 Resp: 267247

Ion Ratio Lower Upper

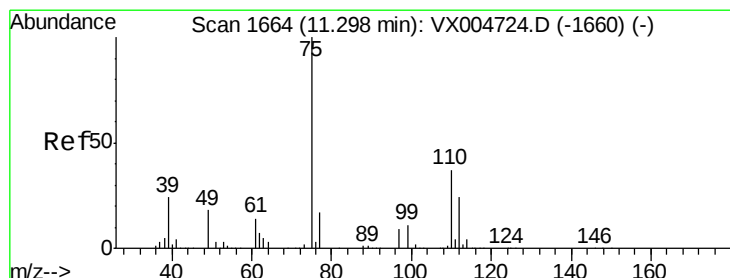
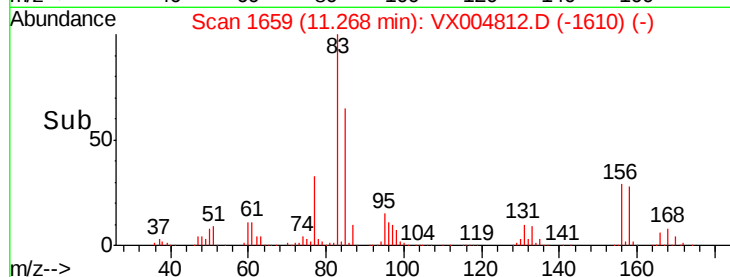
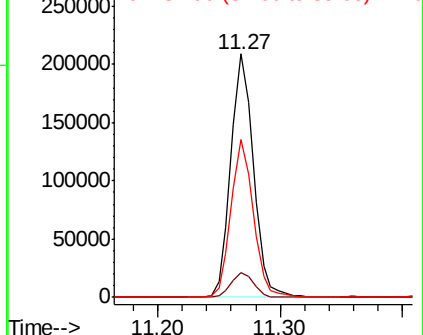
83 100

131 10.3 5.2 15.6

85 64.2 32.3 96.8



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: 64.199 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004812.D

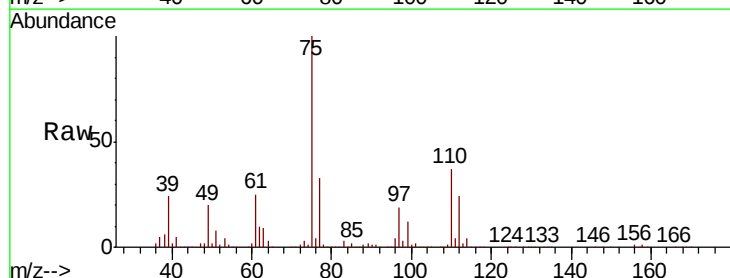
Acq: 28 Sep 2018 09:58

Tgt Ion: 75 Resp: 314904

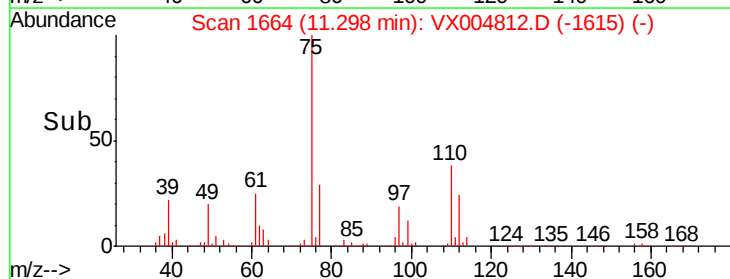
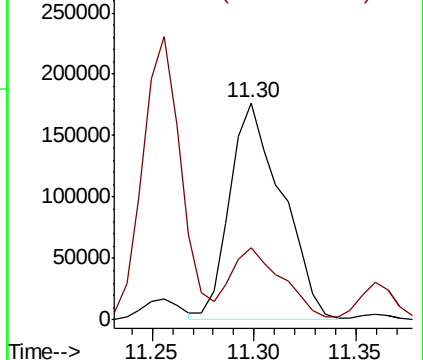
Ion Ratio Lower Upper

75 100

77 32.3 20.2 60.6



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





#77

Bromobenzene

Concen: 50.673 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

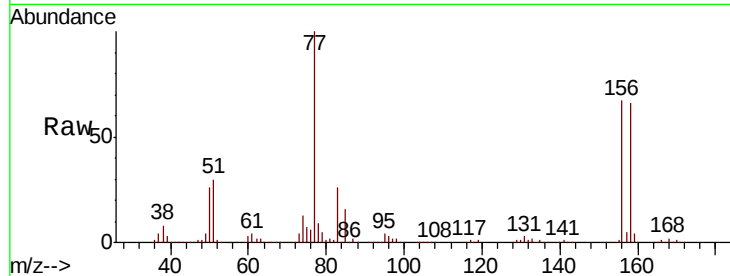
Tot Ion:156 Resp: 203026

Ion Ratio Lower Upper

156 100

77 149.0 71.5 214.3

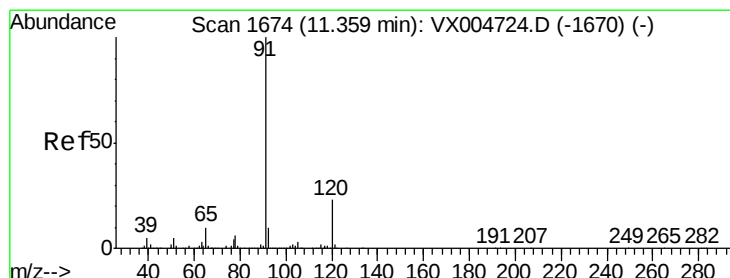
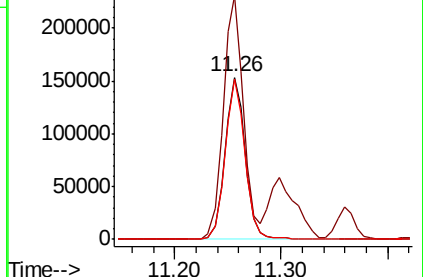
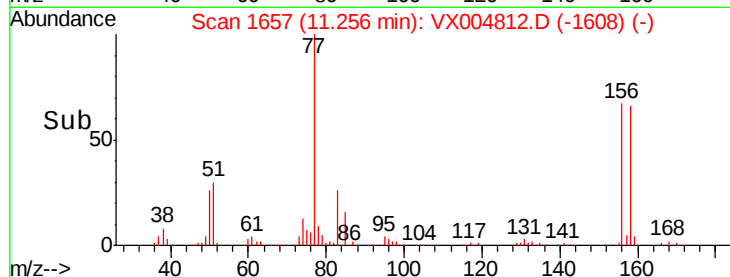
158 97.5 48.9 146.8



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: 57.688 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004812.D

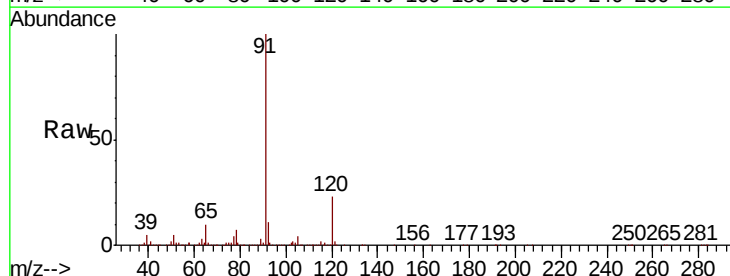
Acq: 28 Sep 2018 09:58

Tgt Ion: 91 Resp: 913039

Ion Ratio Lower Upper

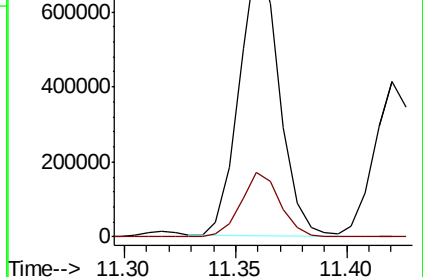
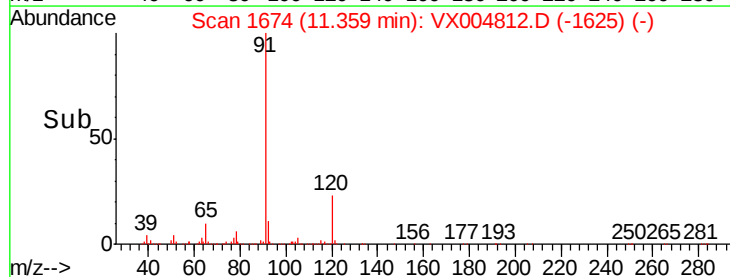
91 100

120 23.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

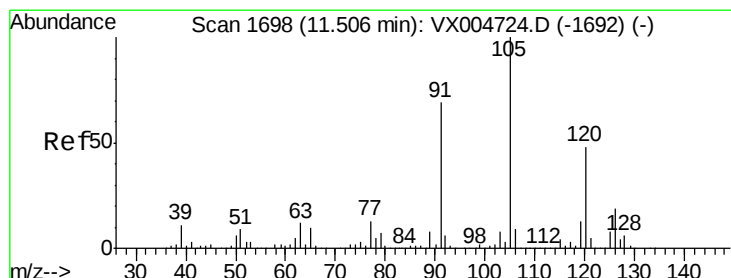
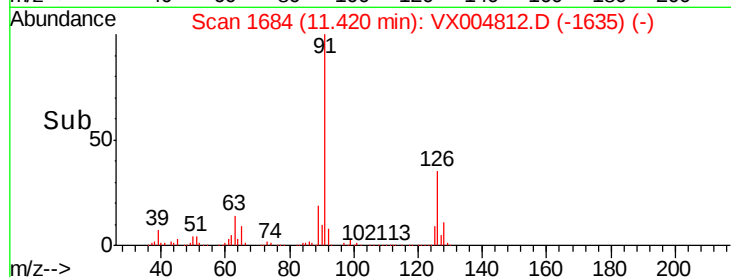
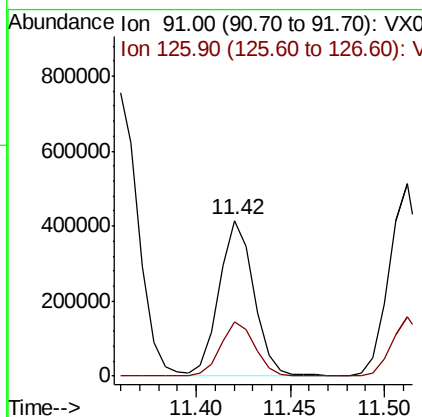
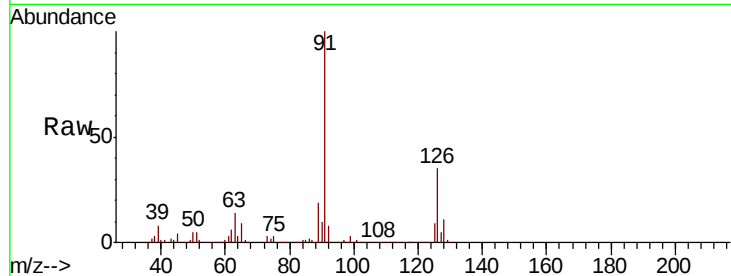




#79
 2-Chlorotoluene
 Concen: 53.294 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX004812.D
 Acq: 28 Sep 2018 09:58

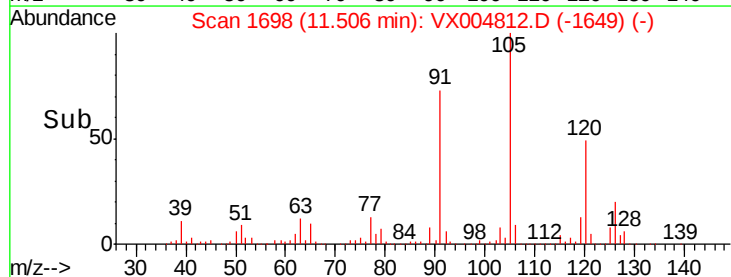
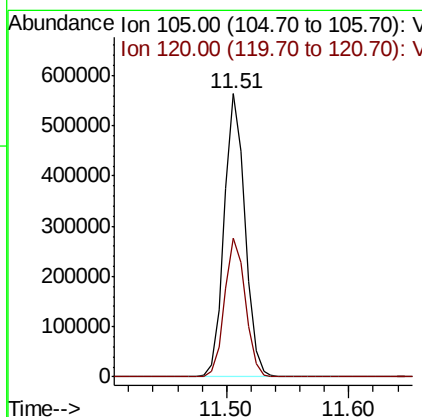
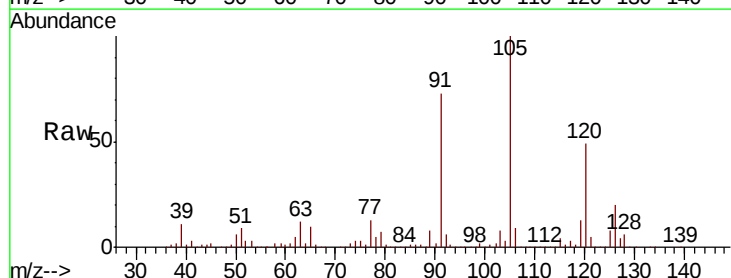
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 525761
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 52.330 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004812.D
 Acq: 28 Sep 2018 09:58

Tgt Ion: 105 Resp: 661477
 Ion Ratio Lower Upper
 105 100
 120 49.2 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 45.177 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

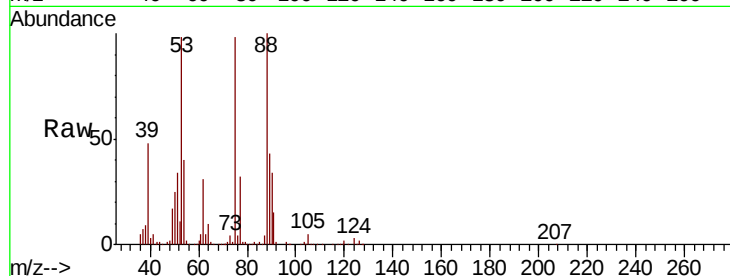
Tot Ion: 75 Resp: 80891

Ion Ratio Lower Upper

75 100

53 99.0 80.1 120.1

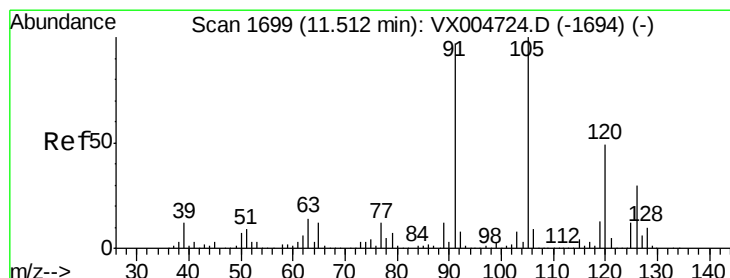
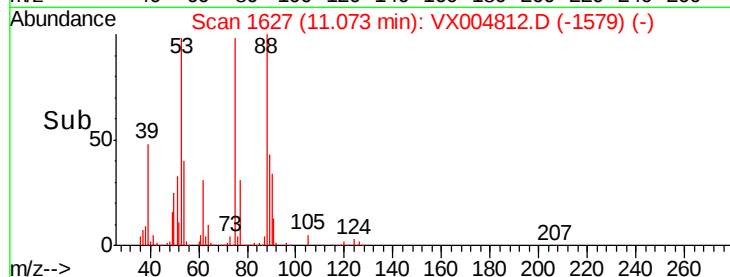
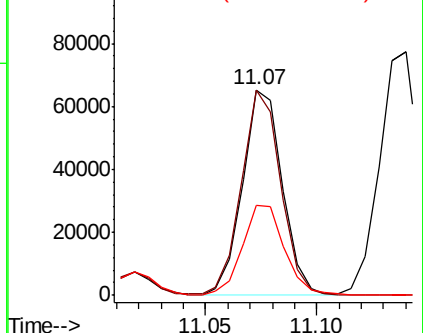
89 47.2 37.2 55.8



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: 54.922 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX004812.D

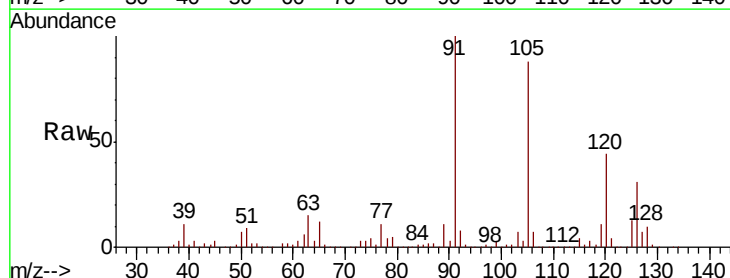
Acq: 28 Sep 2018 09:58

Tgt Ion: 91 Resp: 637746

Ion Ratio Lower Upper

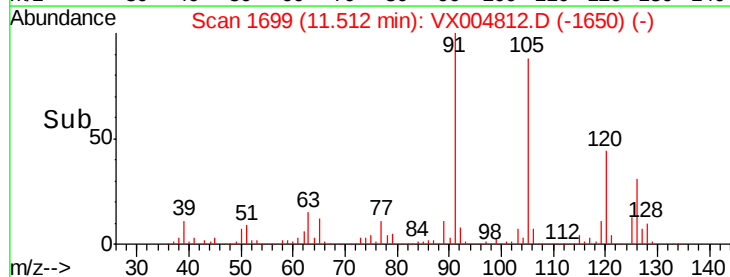
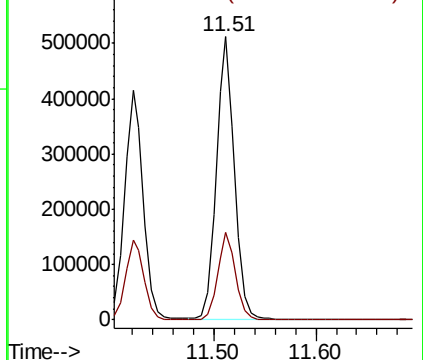
91 100

126 30.3 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 57.435 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

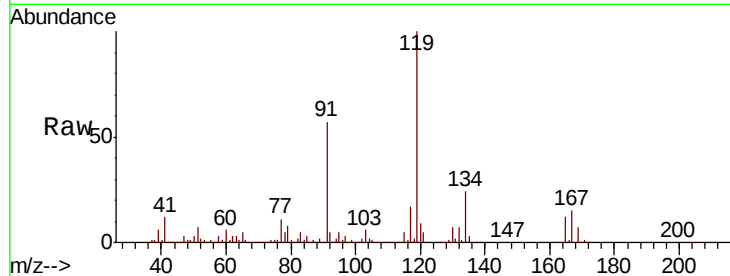
Tot Ion:119 Resp: 652297

Ion Ratio Lower Upper

119 100

91 55.9 27.0 81.0

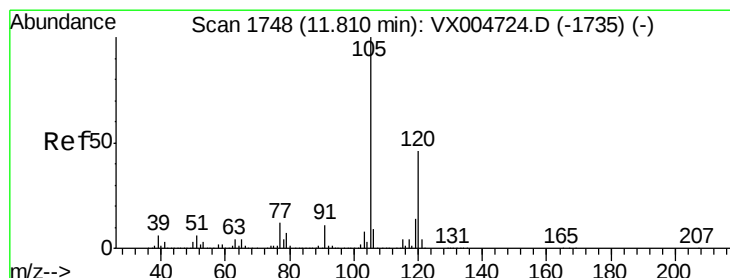
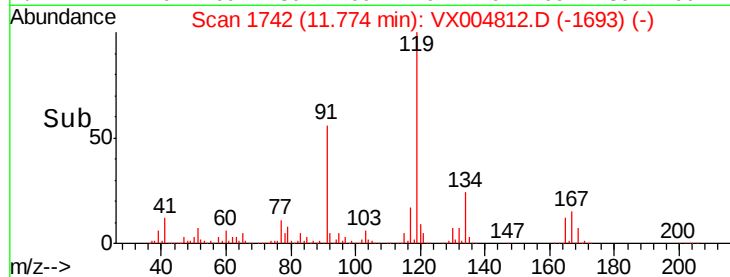
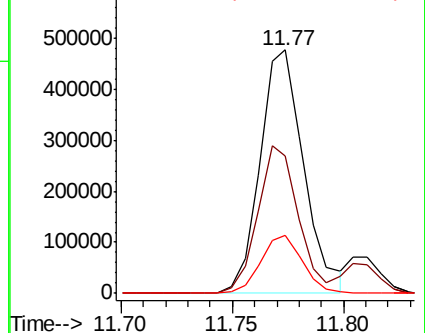
134 22.7 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.614 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.01 min

Lab File: VX004812.D

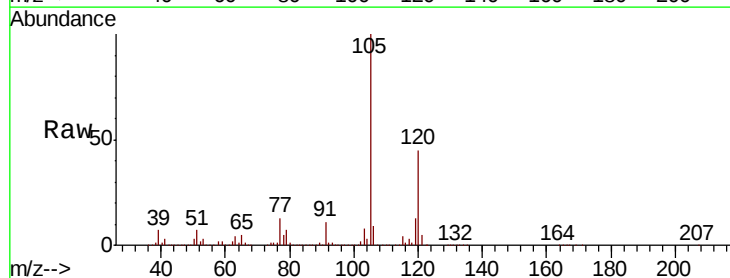
Acq: 28 Sep 2018 09:58

Tgt Ion:105 Resp: 685854

Ion Ratio Lower Upper

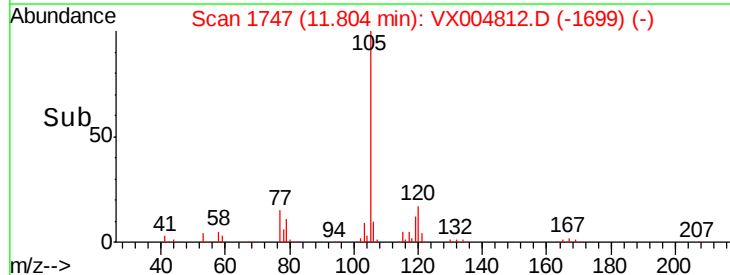
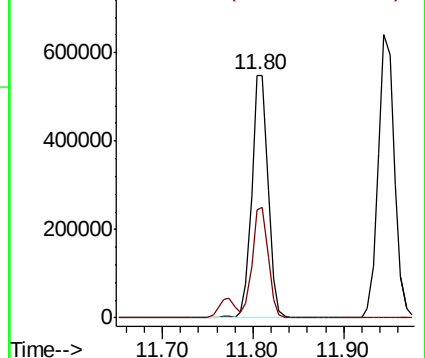
105 100

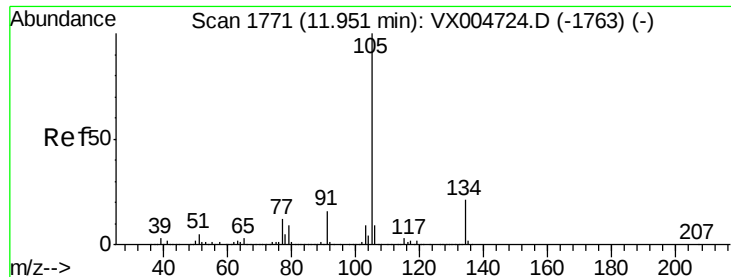
120 44.6 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 57.553 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

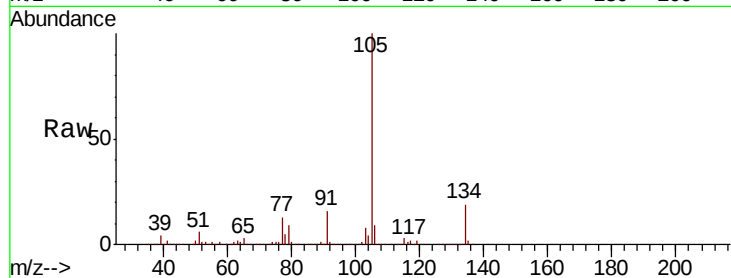
VSTDCCC050

Tot Ion:105 Resp: 796150

Ion Ratio Lower Upper

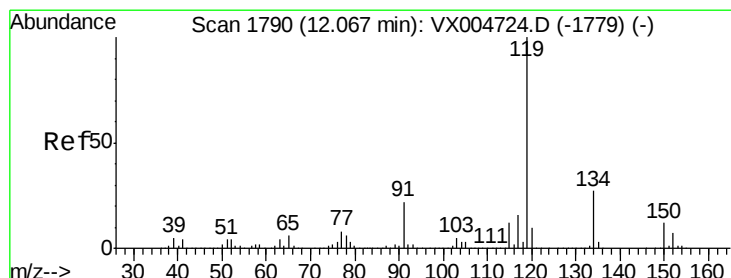
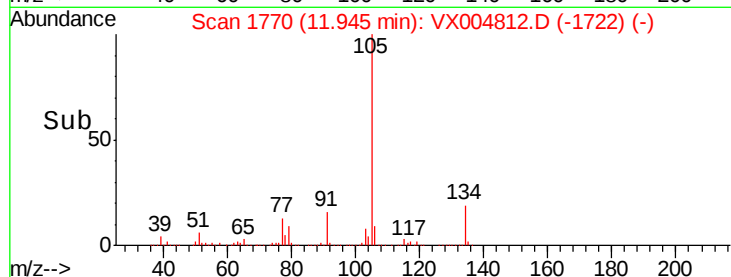
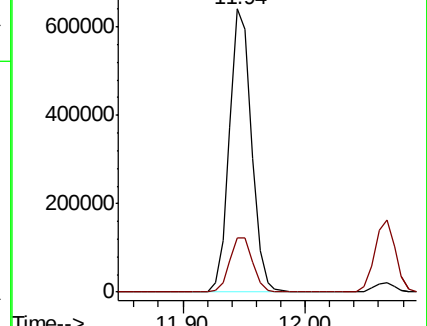
105 100

134 20.2 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.993 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

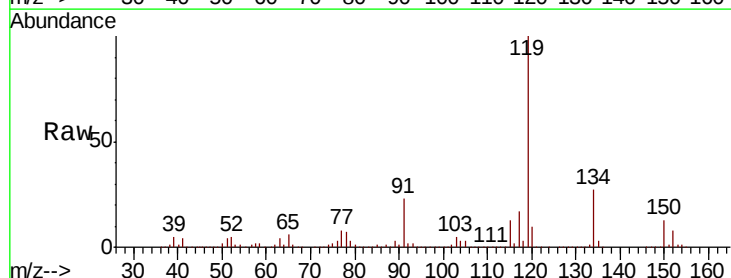
Tgt Ion:119 Resp: 726832

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

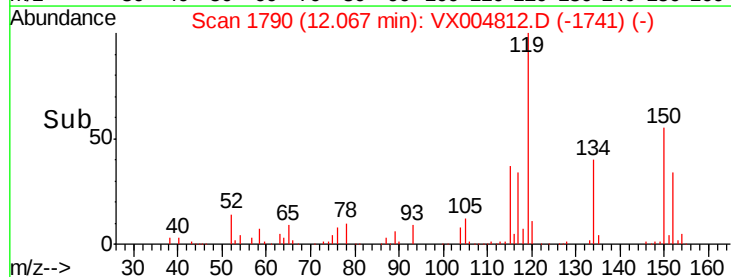
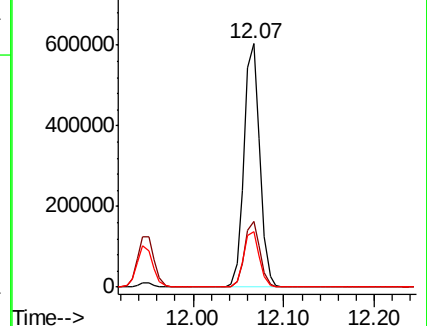
91 22.9 10.9 32.7



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: 51.282 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

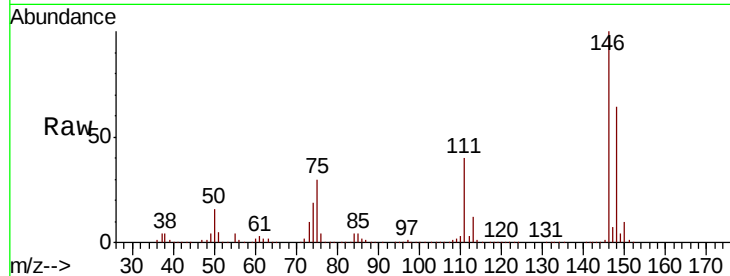
Tot Ion:146 Resp: 383664

Ion Ratio Lower Upper

146 100

111 38.5 18.7 56.1

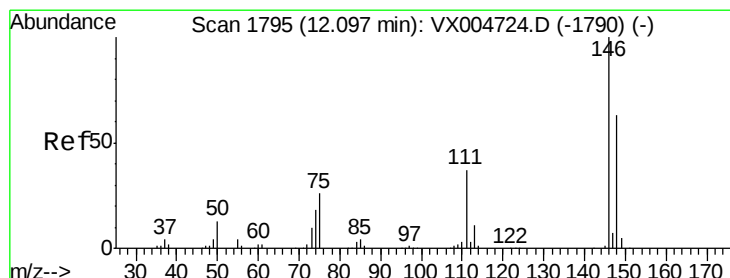
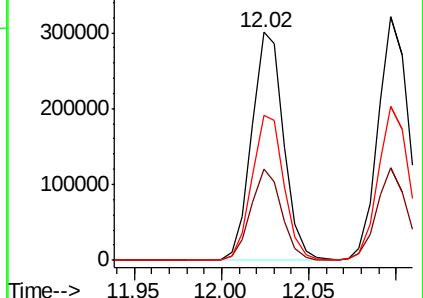
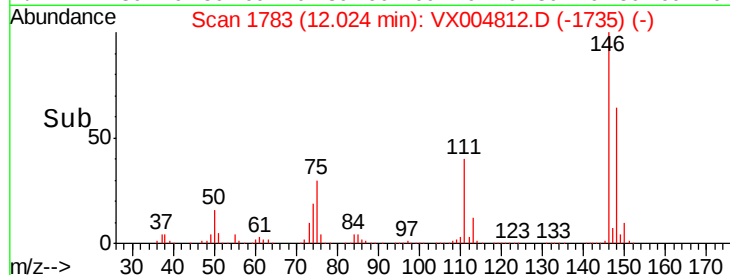
148 63.9 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 50.578 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

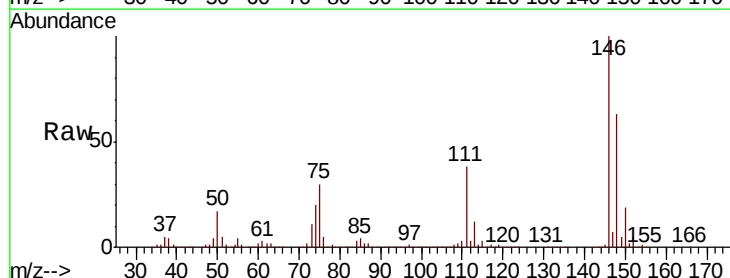
Tgt Ion:146 Resp: 390616

Ion Ratio Lower Upper

146 100

111 37.6 18.1 54.1

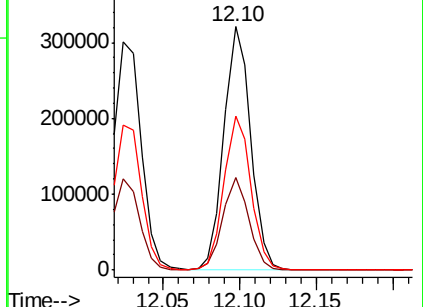
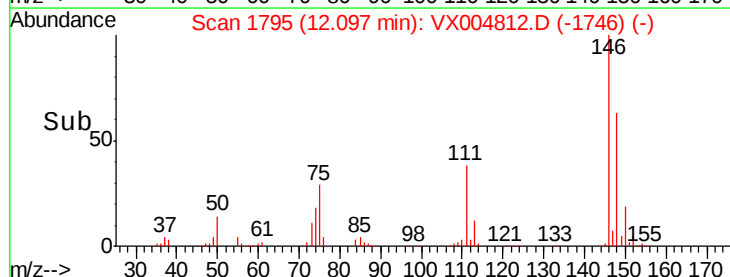
148 63.7 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

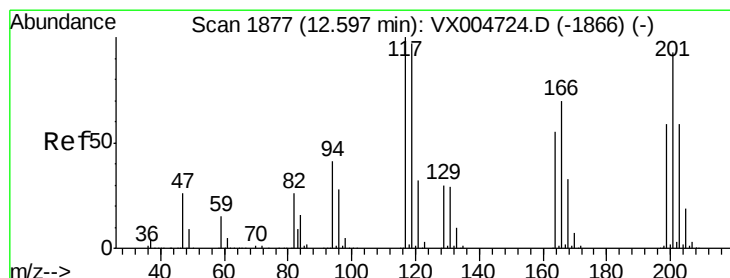
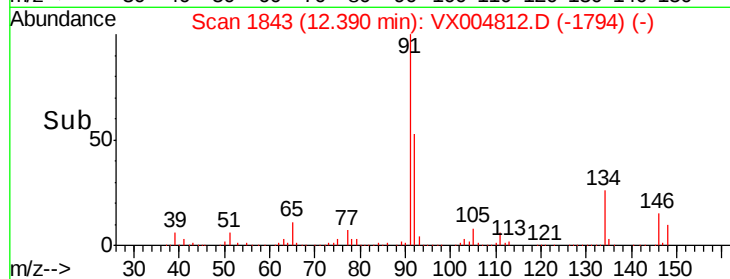
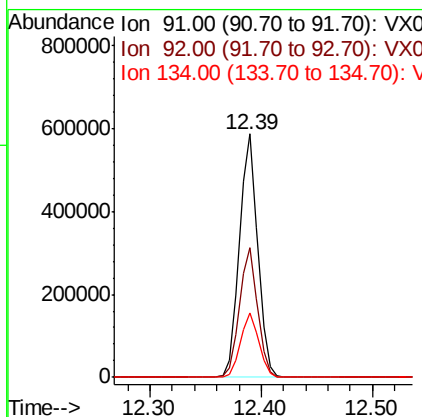
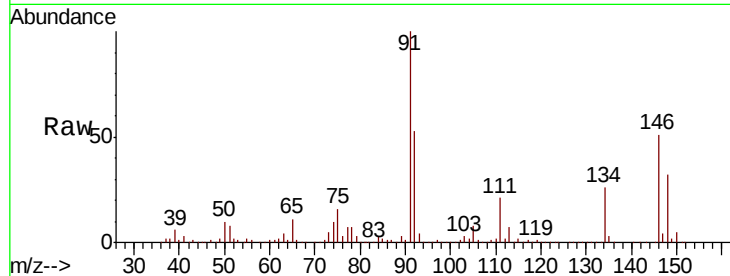




#89
n-Butylbenzene
Concen: 58.683 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

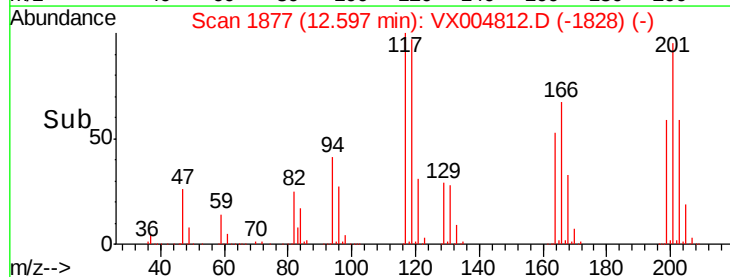
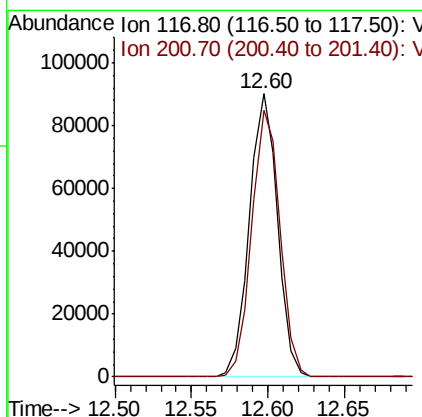
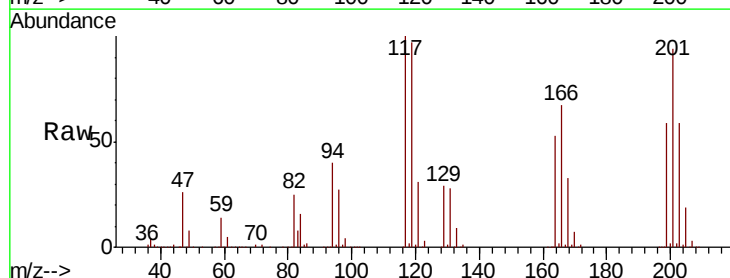
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 667953
Ion Ratio Lower Upper
91 100
92 52.7 27.3 81.9
134 26.3 13.6 40.7



#90
Hexachloroethane
Concen: 55.104 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004812.D
Acq: 28 Sep 2018 09:58

Tgt Ion: 117 Resp: 114988
Ion Ratio Lower Upper
117 100
201 95.0 46.9 140.6

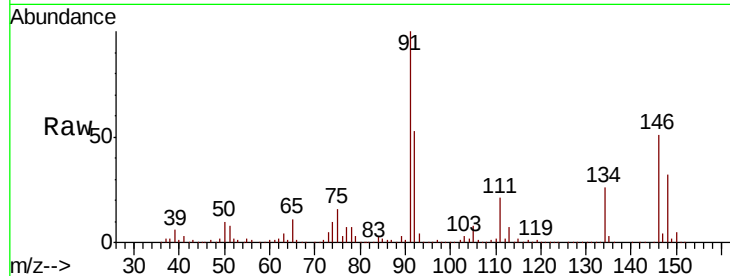




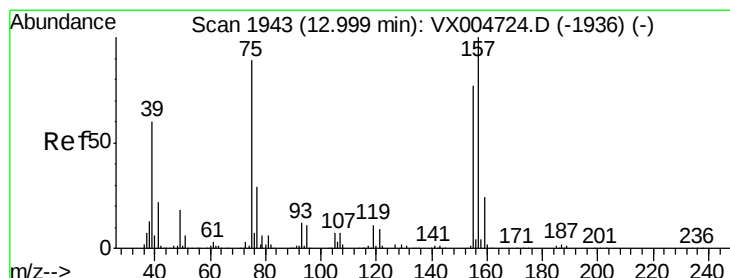
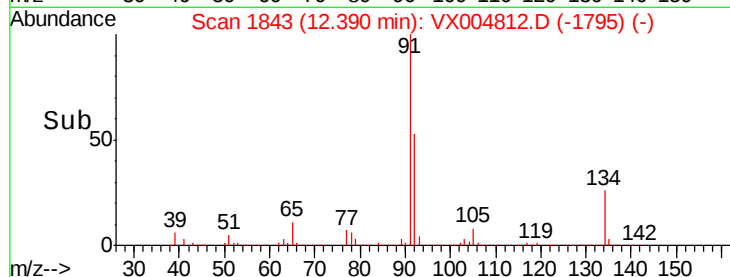
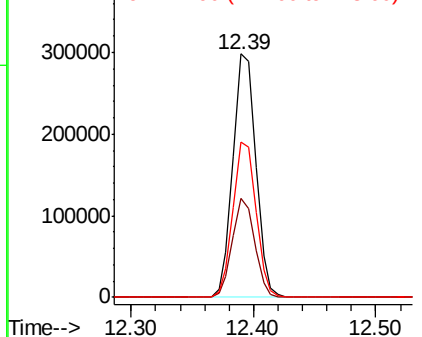
#91
 1,2-Dichlorobenzene
 Concen: 49.284 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX004812.D
 Acq: 28 Sep 2018 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 385323
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.4 58.1
 148 64.1 32.8 98.3

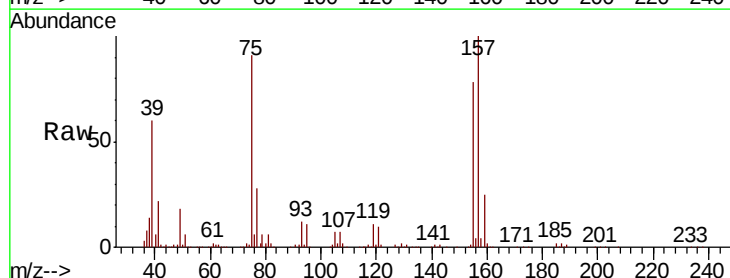


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

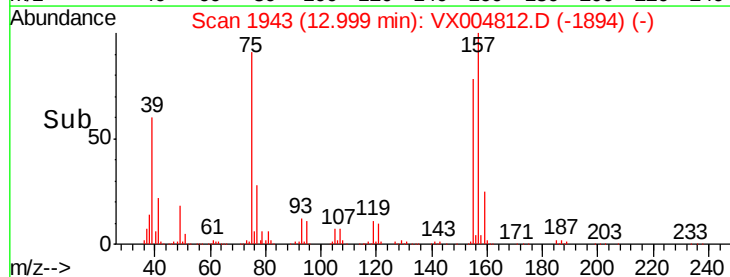
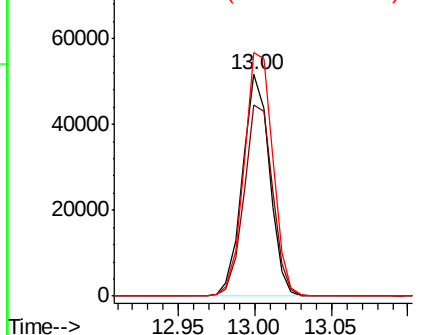


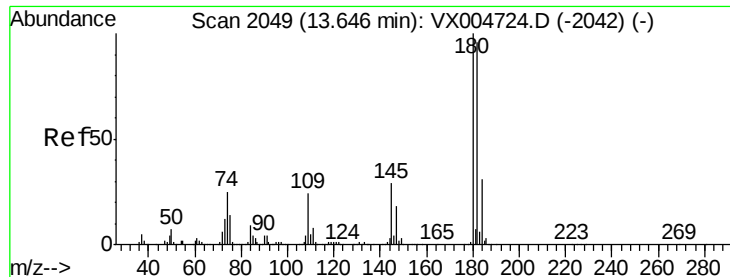
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.615 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX004812.D
 Acq: 28 Sep 2018 09:58

Tgt Ion: 75 Resp: 63636
 Ion Ratio Lower Upper
 75 100
 155 90.6 48.0 144.2
 157 116.3 61.4 184.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

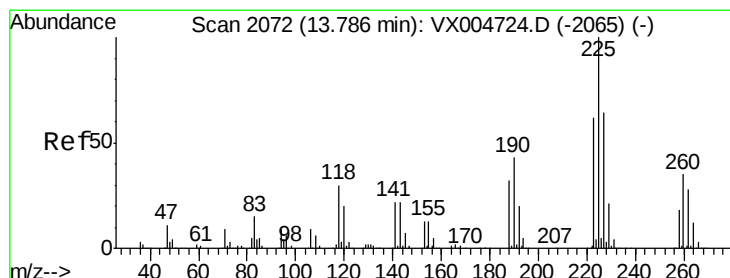
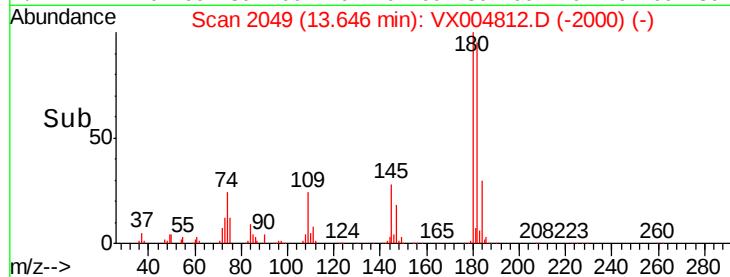
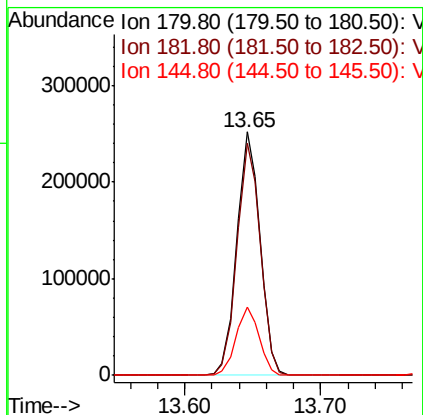
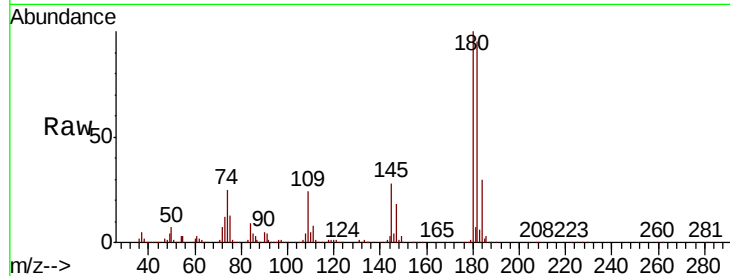




#93
 1,2,4-Trichlorobenzene
 Concen: 54.395 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004812.D
 Acq: 28 Sep 2018 09:58

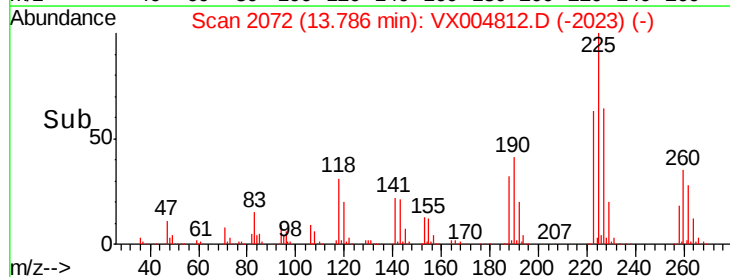
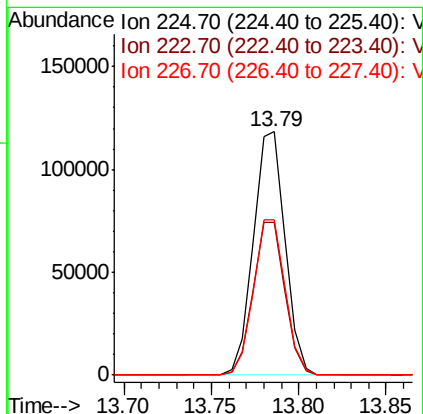
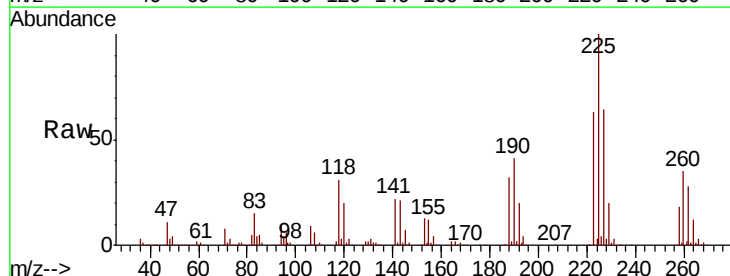
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

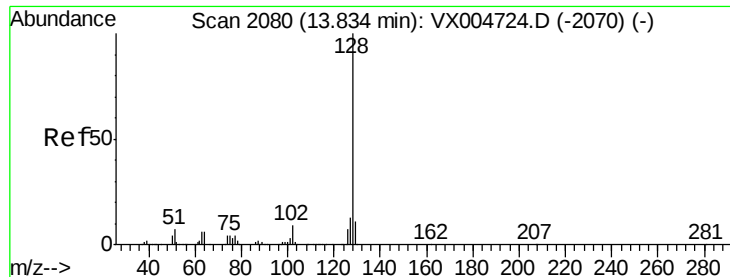
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.4	145.0
145	28.0	14.3	42.9



#94
 Hexachlorobutadiene
 Concen: 52.905 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX004812.D
 Acq: 28 Sep 2018 09:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.1	90.5
227	63.8	30.8	92.4





#95

Naphthalene

Concen: 50.200 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

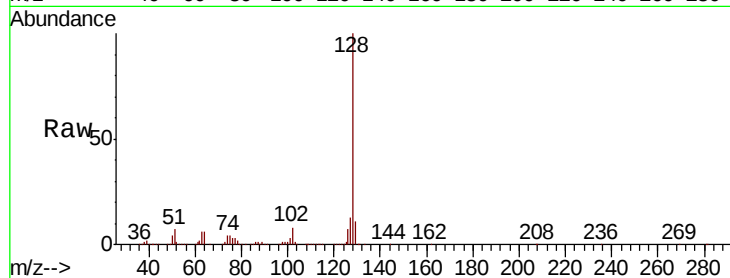
Tot Ion:128 Resp: 913863

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.0 8.6 12.8

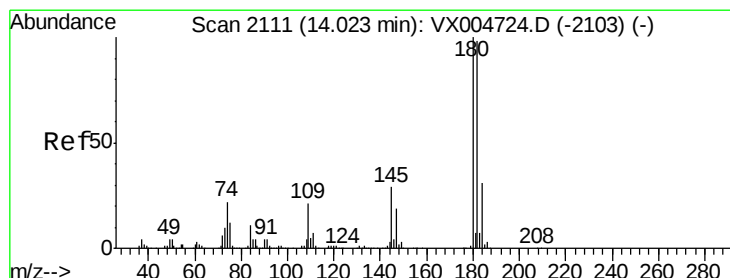
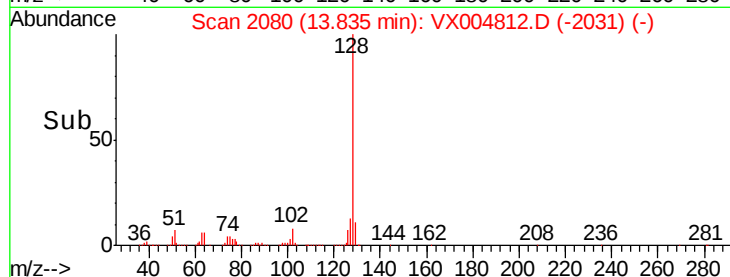
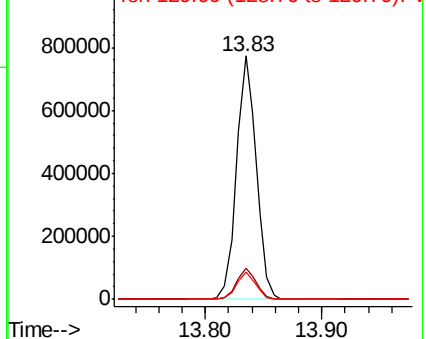


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.802 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX004812.D

Acq: 28 Sep 2018 09:58

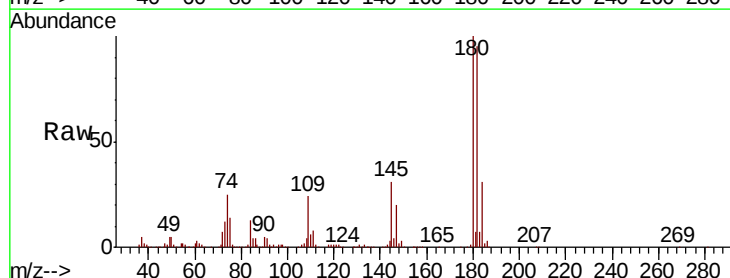
Tgt Ion:180 Resp: 299157

Ion Ratio Lower Upper

180 100

182 95.7 48.5 145.6

145 29.8 14.9 44.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

