

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008408.D
 Acq On : 25 Mar 2019 13:07
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 26 04:48:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:13:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	212495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	353868	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	319166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159191	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	151499	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	
35) Dibromofluoromethane	5.49	113	114316	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
50) Toluene-d8	8.71	98	451760	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	173182	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	112712	47.090	ug/l	99
3) Chloromethane	1.32	50	147929	41.916	ug/l	100
4) Vinyl Chloride	1.40	62	155747	44.996	ug/l	100
5) Bromomethane	1.64	94	84153	39.646	ug/l	99
6) Chloroethane	1.71	64	95300	46.450	ug/l	98
7) Trichlorofluoromethane	1.92	101	180785	46.057	ug/l	99
8) Diethyl Ether	2.18	74	82988	44.052	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	110646	47.444	ug/l	100
10) Methyl Iodide	2.51	142	98914	35.159	ug/l	100
11) Tert butyl alcohol	3.05	59	153761	213.189	ug/l	100
12) 1,1-Dichloroethene	2.37	96	108949	45.095	ug/l	99
13) Acrolein	2.29	56	213523	363.512	ug/l	99
14) Allyl chloride	2.72	41	241236	45.291	ug/l	100
15) Acrylonitrile	3.14	53	395170	215.256	ug/l	100
16) Acetone	2.44	43	367473	226.999	ug/l	100
17) Carbon Disulfide	2.56	76	335732	43.583	ug/l	99
18) Methyl Acetate	2.77	43	169421	42.110	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	402978	46.368	ug/l	98
20) Methylene Chloride	2.85	84	129577	44.444	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	118061	45.290	ug/l	97
22) Diisopropyl ether	3.85	45	479658	46.172	ug/l	95
23) Vinyl Acetate	3.81	43	2137070	233.255	ug/l	99
24) 1,1-Dichloroethane	3.70	63	241272	45.595	ug/l	99
25) 2-Butanone	4.67	43	582571	219.639	ug/l	99
26) 2,2-Dichloropropane	4.58	77	166206	48.418	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	136161	45.578	ug/l	99
28) Bromochloromethane	5.01	49	125336	48.141	ug/l	100
29) Tetrahydrofuran	5.12	42	373480	213.093	ug/l	100
30) Chloroform	5.21	83	220232	46.131	ug/l	99
31) Cyclohexane	5.58	56	237447	46.880	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	180818	47.769	ug/l	100
36) 1,1-Dichloropropene	5.80	75	174263	48.268	ug/l	99
37) Ethyl Acetate	4.83	43	220745	45.367	ug/l	100
38) Carbon Tetrachloride	5.78	117	150659	48.559	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	223552	50.478	ug/l	99
40) Benzene	6.14	78	521801	47.401	ug/l	99
41) Methacrylonitrile	5.04	41	123845	46.594	ug/l	100
42) 1,2-Dichloroethane	6.19	62	186589	46.698	ug/l	99
43) Isopropyl Acetate	6.44	43	356459	46.918	ug/l	100
44) Trichloroethene	7.21	130	120550	47.118	ug/l	99
45) 1,2-Dichloropropane	7.51	63	148627	47.688	ug/l	100
46) Dibromomethane	7.66	93	84566	45.813	ug/l	100
47) Bromodichloromethane	7.90	83	172590	48.934	ug/l	99
48) Methyl methacrylate	7.77	41	180737	46.987	ug/l	99
49) 1,4-Dioxane	7.74	88	65961	849.452	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1173317	234.422	ug/l	100
52) Toluene	8.78	92	314928	48.670	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	197226	51.903	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	216856	50.511	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	127748	47.535	ug/l	99
56) Ethyl methacrylate	9.18	69	236539	49.646	ug/l	99
57) 1,3-Dichloropropane	9.37	76	225996	47.294	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	656209	257.803	ug/l	100
59) 2-Hexanone	9.49	43	926556	239.933	ug/l	100
60) Dibromochloromethane	9.58	129	127210	50.940	ug/l	99
61) 1,2-Dibromoethane	9.67	107	130788	48.008	ug/l	98
64) Tetrachloroethene	9.34	164	100640	48.184	ug/l	97
65) Chlorobenzene	10.13	112	325101	48.439	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	114227	49.047	ug/l	100
67) Ethyl Benzene	10.25	91	620816	49.300	ug/l	100
68) m/p-Xylenes	10.36	106	450298	99.530	ug/l	100
69) o-Xylene	10.69	106	216937	49.033	ug/l	99
70) Styrene	10.71	104	388854	50.664	ug/l	99
71) Bromoform	10.85	173	92298	51.121	ug/l	99
73) Isopropylbenzene	11.02	105	586133	46.646	ug/l	100
74) N-amyl acetate	10.90	43	348514	47.374	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	221163	44.293	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	251767	60.391	ug/l	82
77) Bromobenzene	11.26	156	138196	46.315	ug/l	99
78) n-propylbenzene	11.36	91	708056	48.112	ug/l	100
79) 2-Chlorotoluene	11.42	91	414623	46.114	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	508078	47.516	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	71816	49.226	ug/l	98
82) 4-Chlorotoluene	11.51	91	486758	47.067	ug/l	99
83) tert-Butylbenzene	11.77	119	479403	47.203	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	508623	47.605	ug/l	100
85) sec-Butylbenzene	11.94	105	588776	48.197	ug/l	100
86) p-Isopropyltoluene	12.06	119	529674	49.194	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	257019	48.003	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	260183	47.692	ug/l	99
89) n-Butylbenzene	12.38	91	517688	50.410	ug/l	100
90) Hexachloroethane	12.60	117	86890	48.755	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	255052	46.921	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46322	43.601	ug/l	99

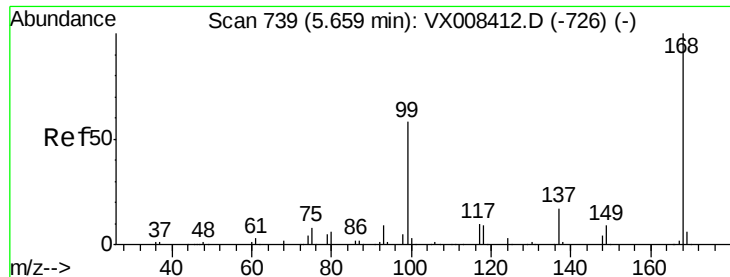
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	175804	47.850	ug/l	98
94) Hexachlorobutadiene	13.78	225	88042	50.757	ug/l	99
95) Naphthalene	13.83	128	587976	45.941	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	176669	47.873	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

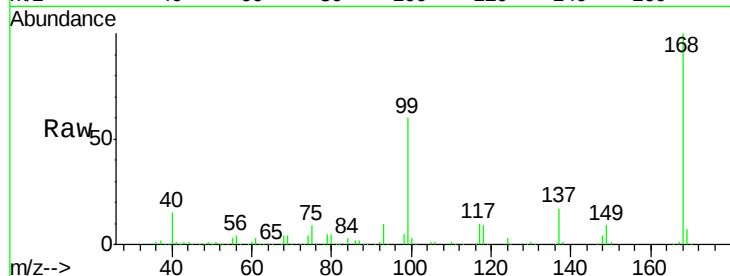
VSTDCCC050

Tot Ion:168 Resp: 212495

Ion Ratio Lower Upper

168 100

99 59.5 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

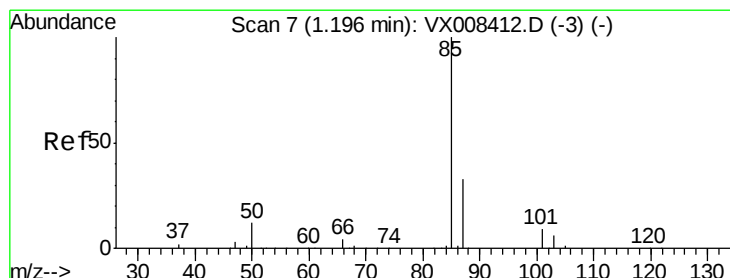
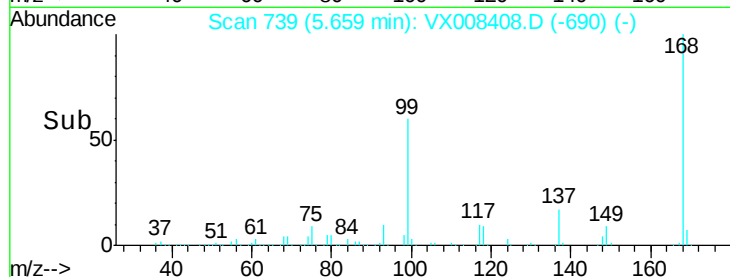
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.090 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008408.D

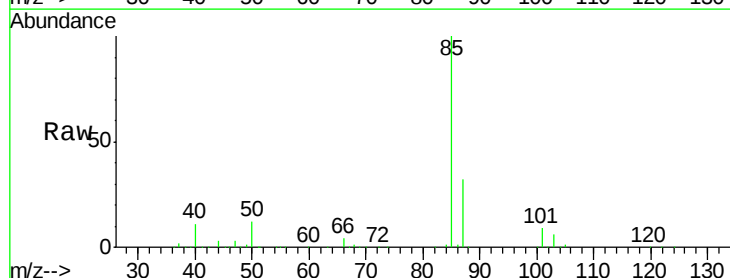
Acq: 25 Mar 2019 13:07

Tgt Ion: 85 Resp: 112712

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

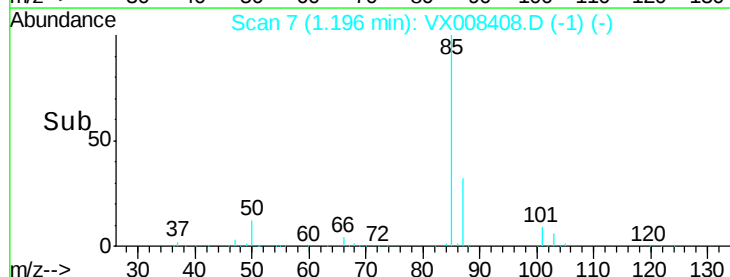
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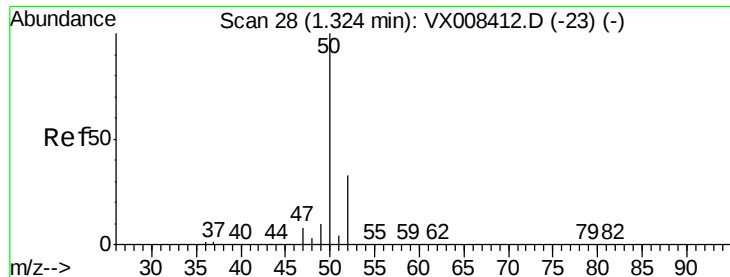
20000

0

Time-->

1.20 1.30





#3

Chloromethane

Concen: 41.916 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

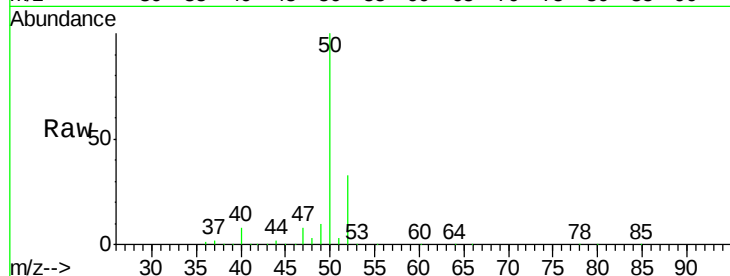
VSTDCCC050

Tot Ion: 50 Resp: 147929

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

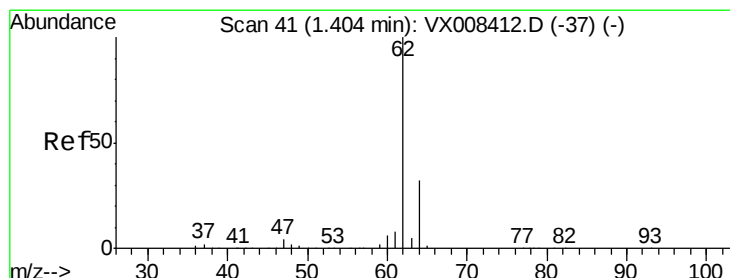
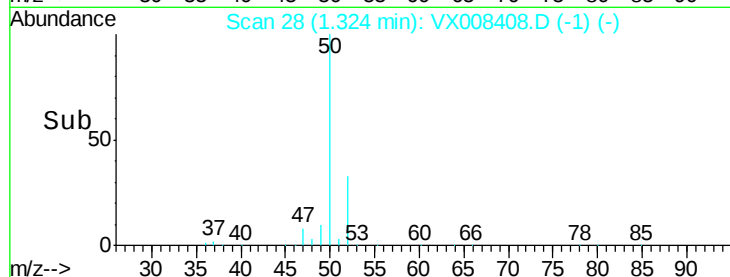
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 44.996 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008408.D

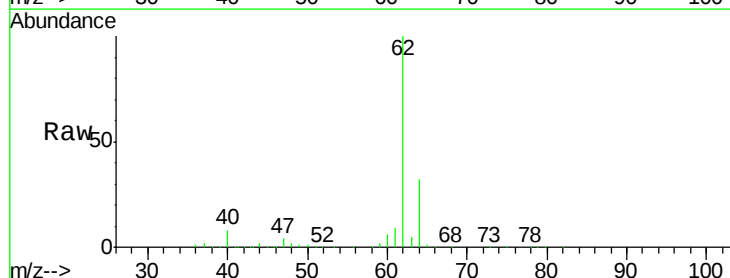
Acq: 25 Mar 2019 13:07

Tgt Ion: 62 Resp: 155747

Ion Ratio Lower Upper

62 100

64 31.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

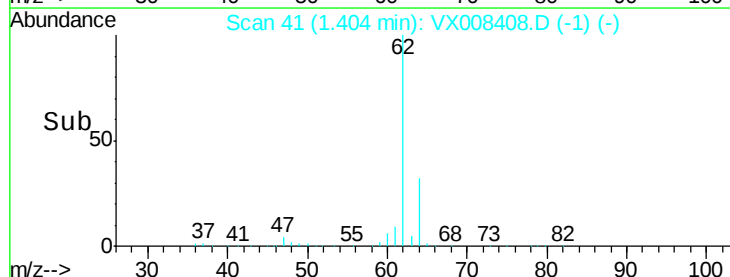
150000

100000

50000

0

Time-->





#5

Bromomethane

Concen: 39.646 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

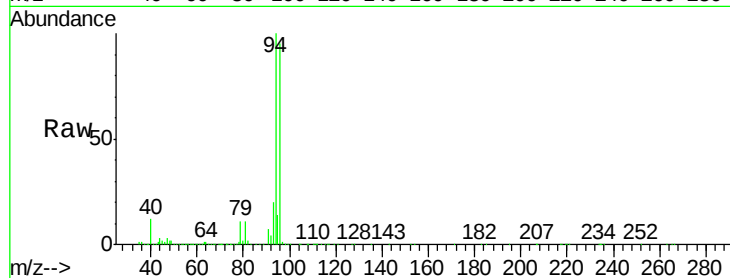
VSTDCCC050

Tot Ion: 94 Resp: 84153

Ion Ratio Lower Upper

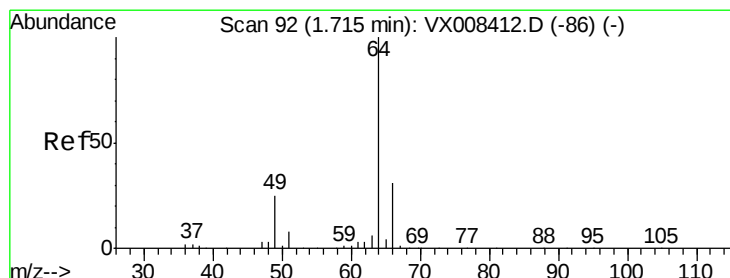
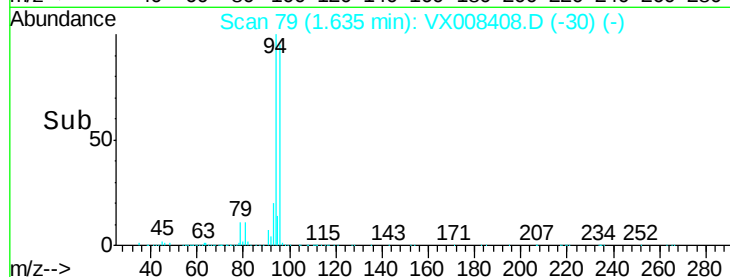
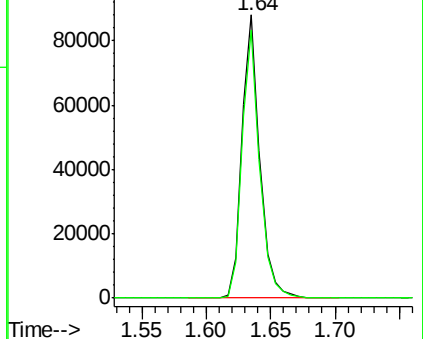
94 100

96 94.8 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.450 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008408.D

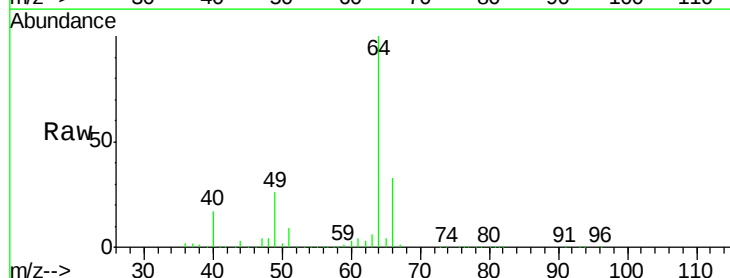
Acq: 25 Mar 2019 13:07

Tgt Ion: 64 Resp: 95300

Ion Ratio Lower Upper

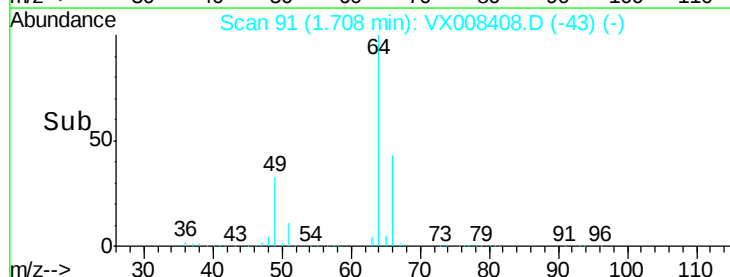
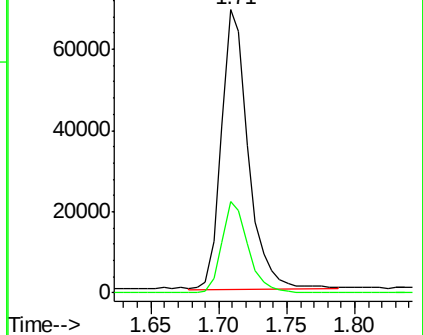
64 100

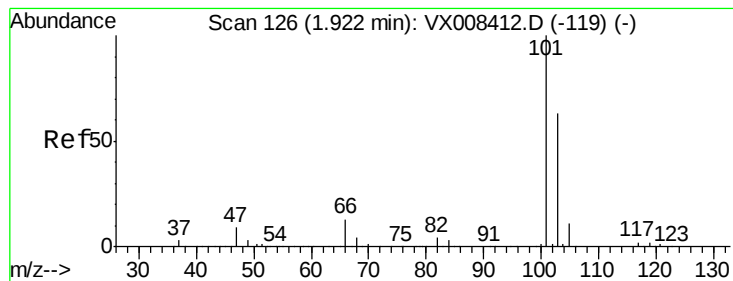
66 32.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



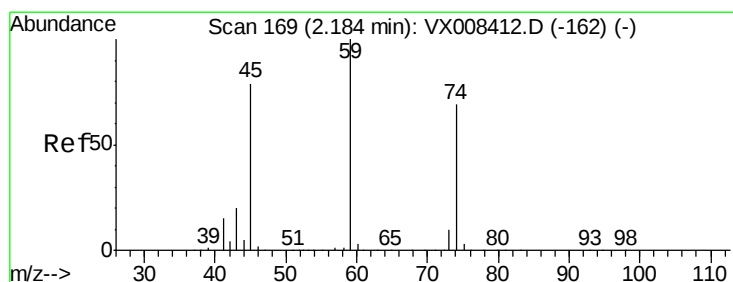
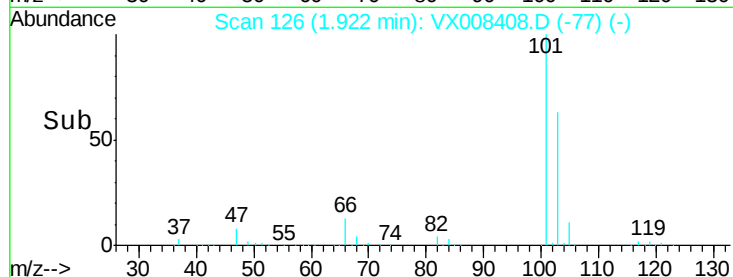
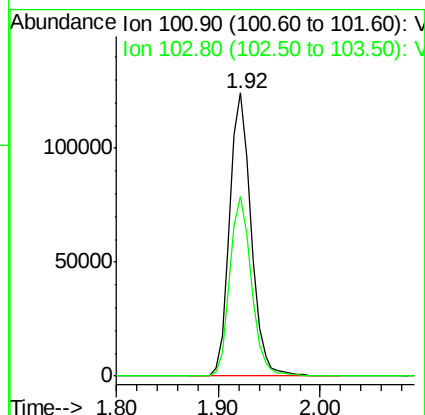
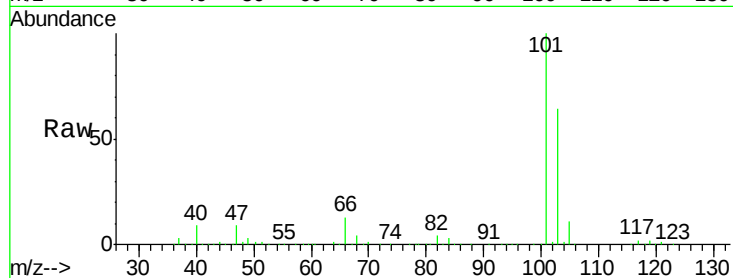


#7

Trichlorofluoromethane
Concen: 46.057 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

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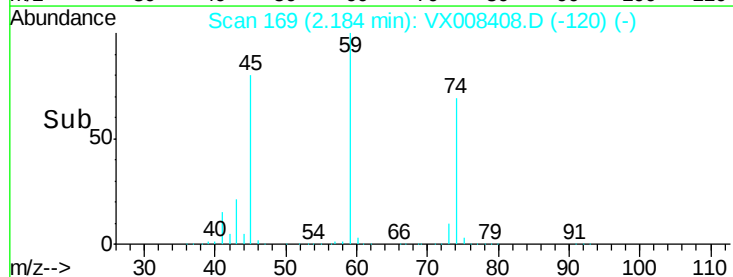
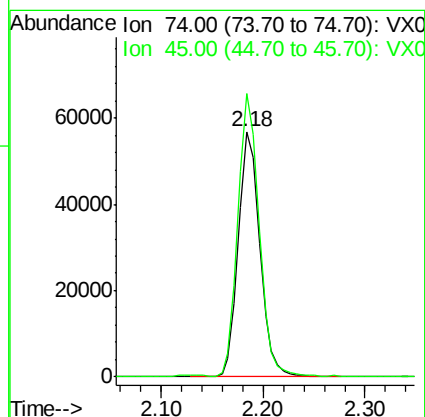
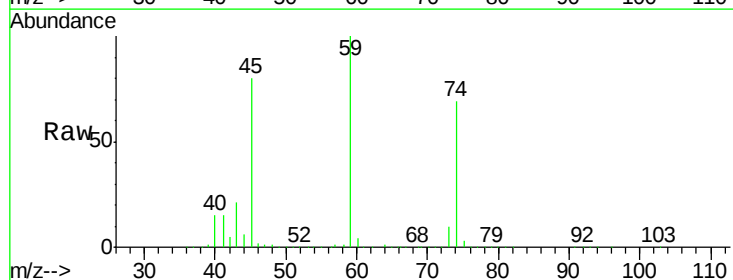
Tot Ion:101 Resp: 180785
Ion Ratio Lower Upper
101 100
103 63.5 50.2 75.4

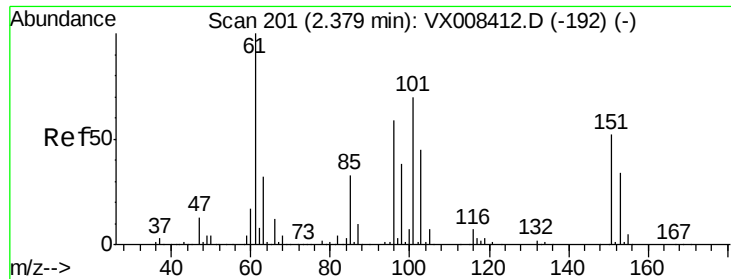


#8

Diethyl Ether
Concen: 44.052 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

Tgt Ion: 74 Resp: 82988
Ion Ratio Lower Upper
74 100
45 112.2 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.444 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

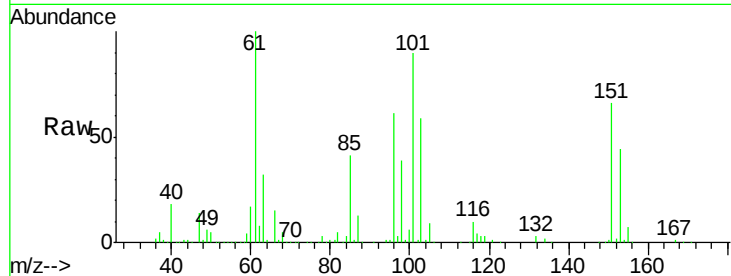
Tot Ion:101 Resp: 110646

Ion Ratio Lower Upper

101 100

85 44.9 36.0 54.0

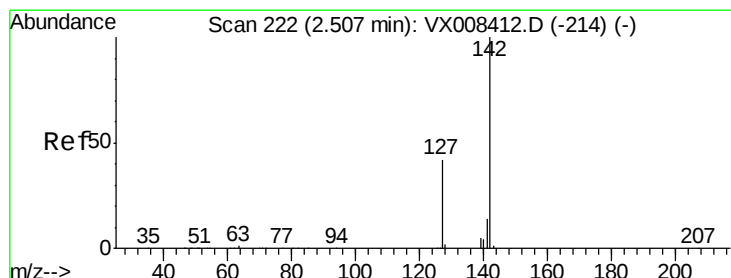
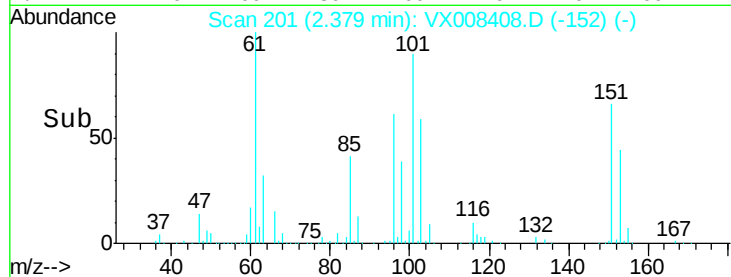
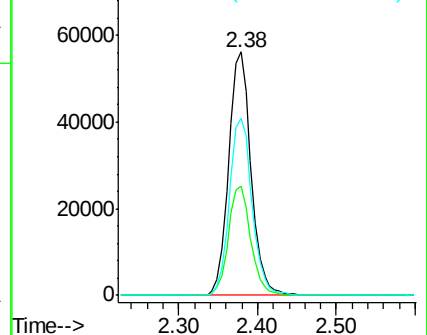
151 74.0 59.2 88.8



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: 35.159 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

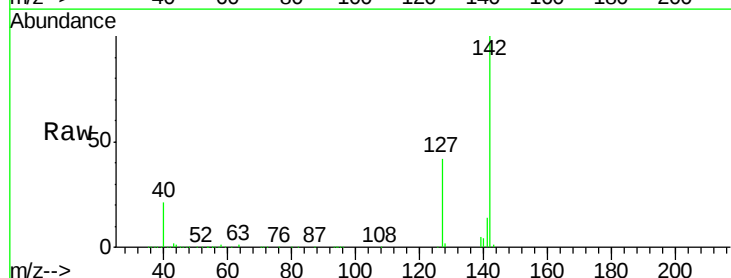
Tgt Ion:142 Resp: 98914

Ion Ratio Lower Upper

142 100

127 42.3 33.6 50.4

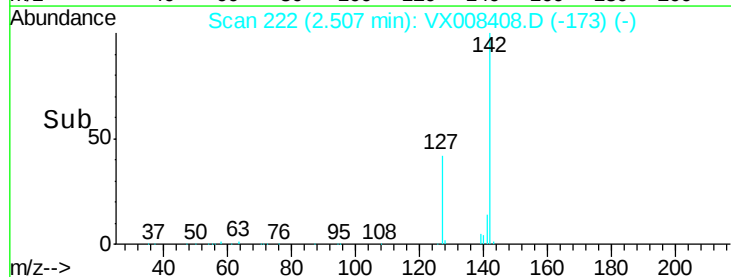
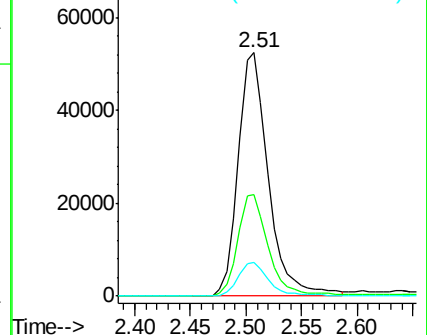
141 14.2 11.3 16.9

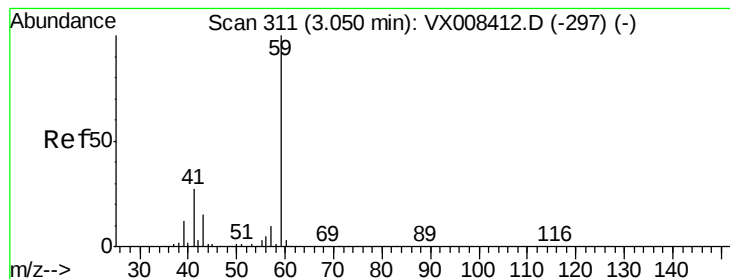


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



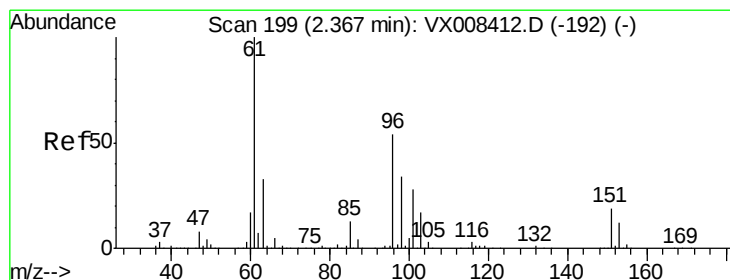
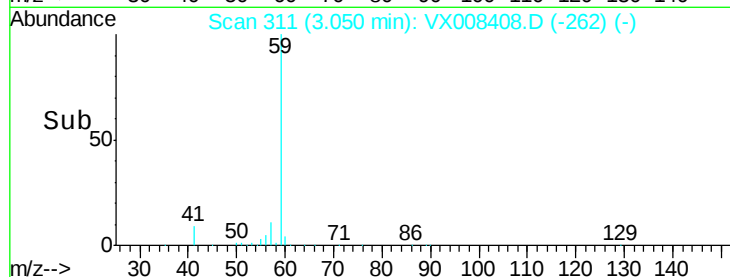
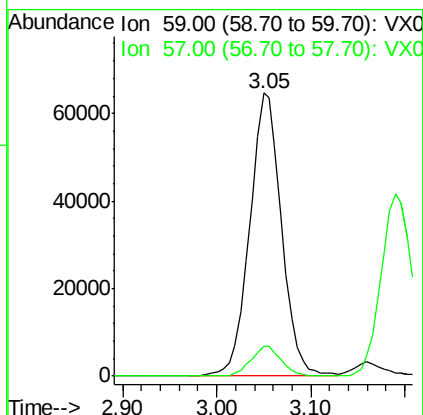
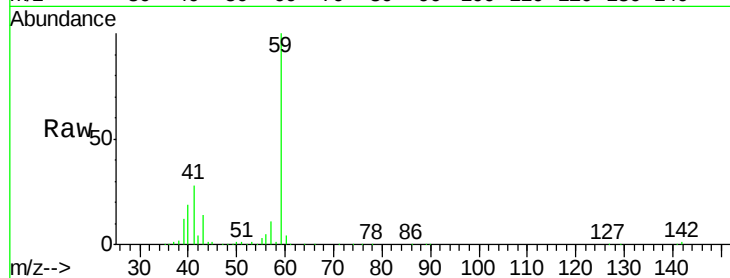


#11

Tert butyl alcohol
Concen: 213.189 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

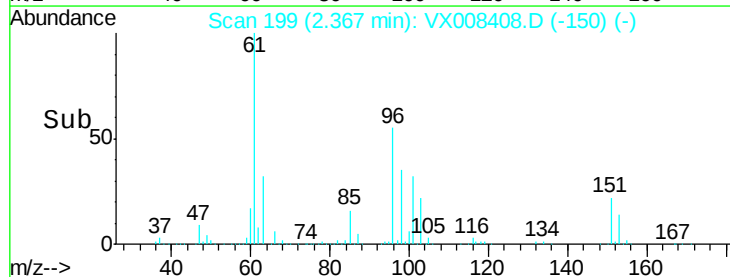
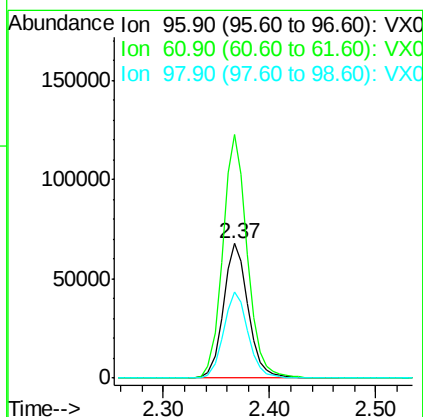
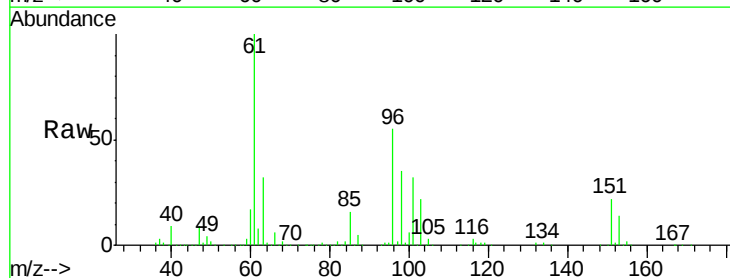
Tot Ion: 59 Resp: 153761
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

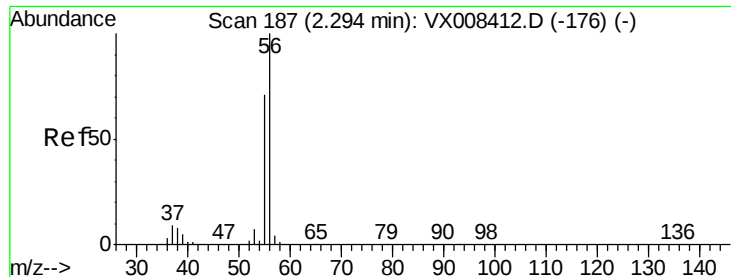


#12

1,1-Dichloroethene
Concen: 45.095 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

Tgt Ion: 96 Resp: 108949
Ion Ratio Lower Upper
96 100
61 181.6 146.9 220.3
98 63.9 50.1 75.1





#13

Acrolein

Concen: 363.512 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

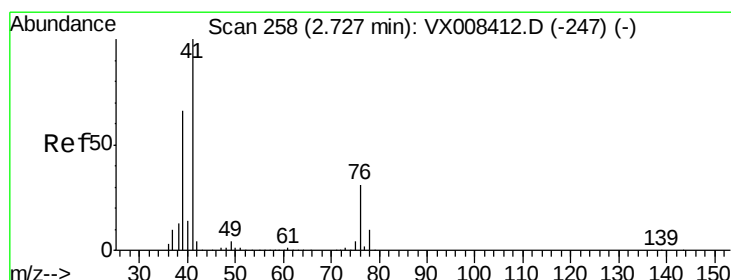
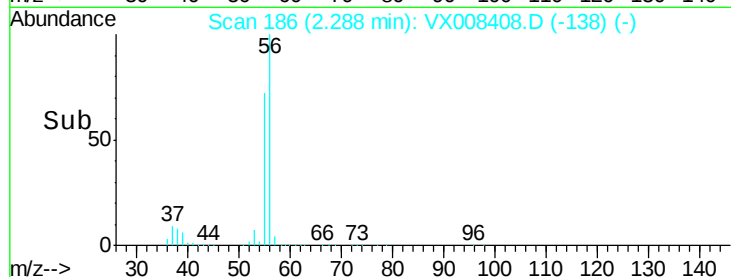
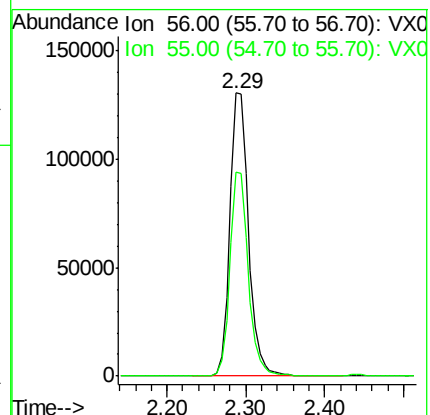
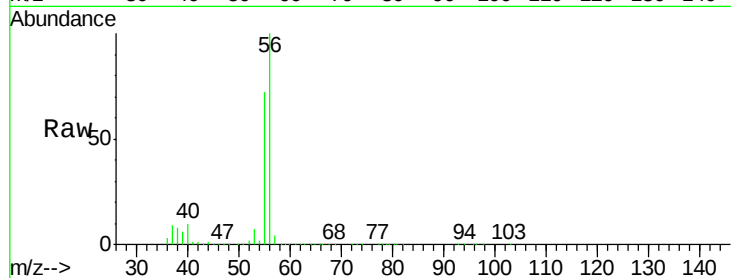
VSTDCCC050

Tot Ion: 56 Resp: 213523

Ion Ratio Lower Upper

56 100

55 71.2 56.5 84.7



#14

Allyl chloride

Concen: 45.291 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

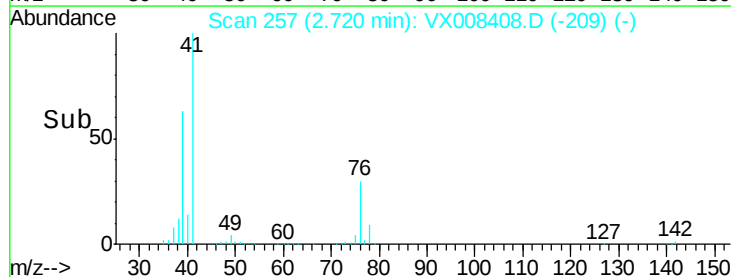
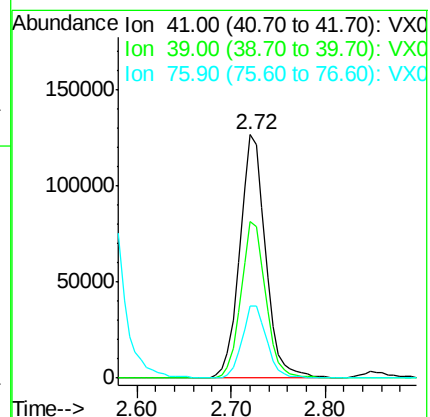
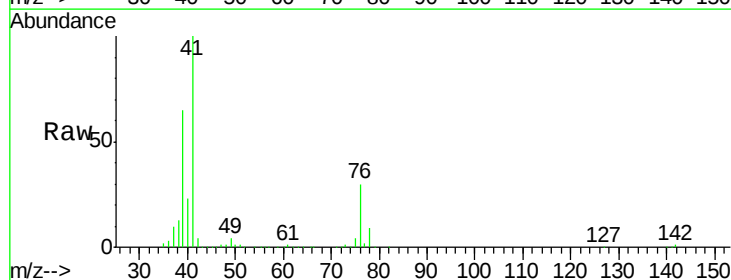
Tgt Ion: 41 Resp: 241236

Ion Ratio Lower Upper

41 100

39 61.8 49.6 74.4

76 28.3 22.6 34.0





#15

Acrylonitrile

Concen: 215.256 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

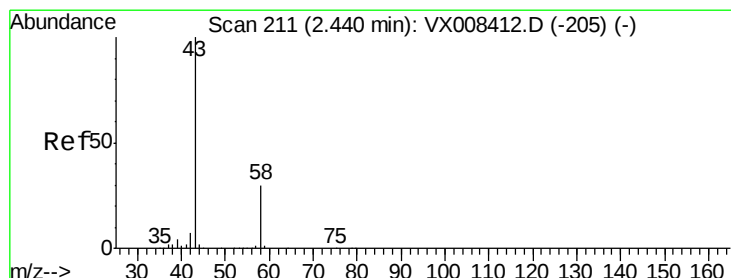
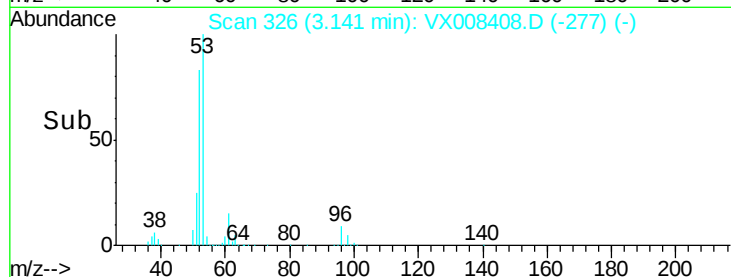
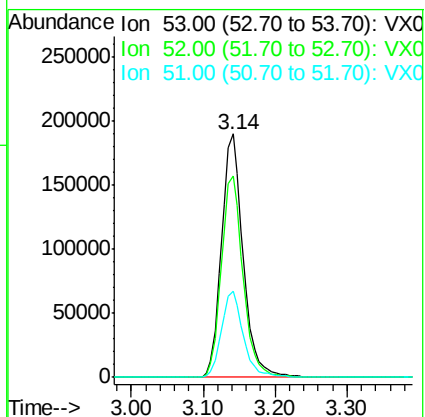
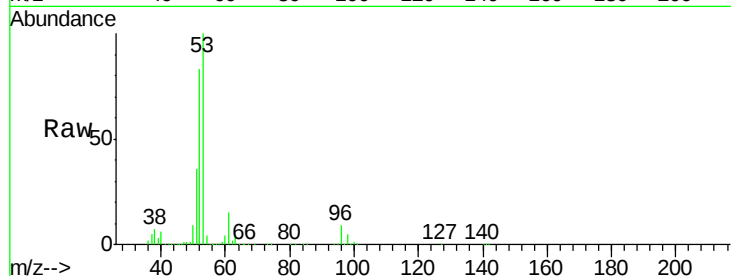
Tot Ion: 53 Resp: 395170

Ion Ratio Lower Upper

53 100

52 83.2 66.5 99.7

51 36.0 28.3 42.5



#16

Acetone

Concen: 226.999 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008408.D

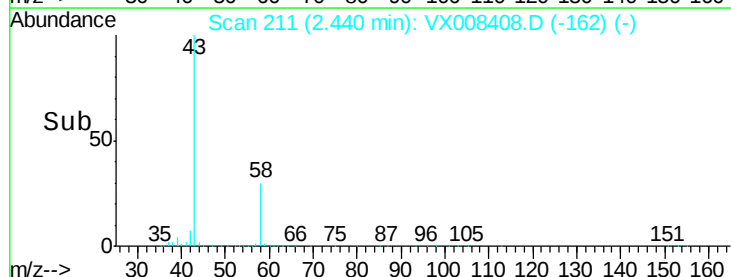
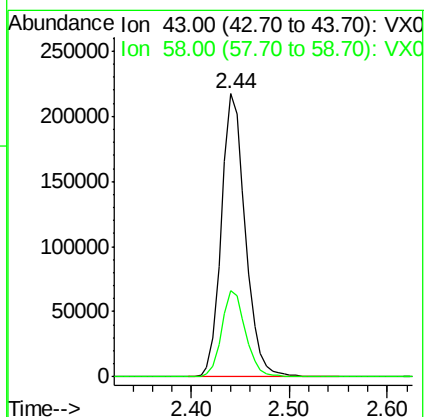
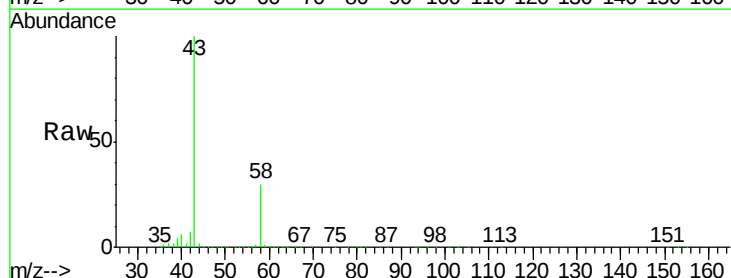
Acq: 25 Mar 2019 13:07

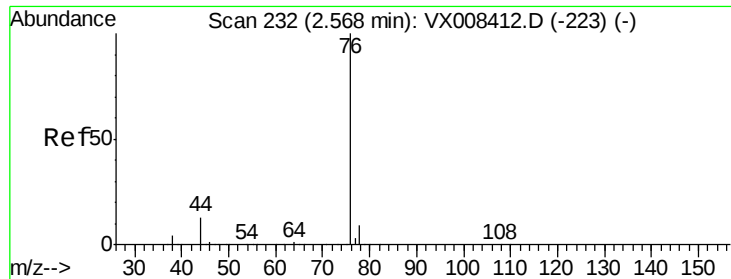
Tgt Ion: 43 Resp: 367473

Ion Ratio Lower Upper

43 100

58 30.3 24.2 36.2

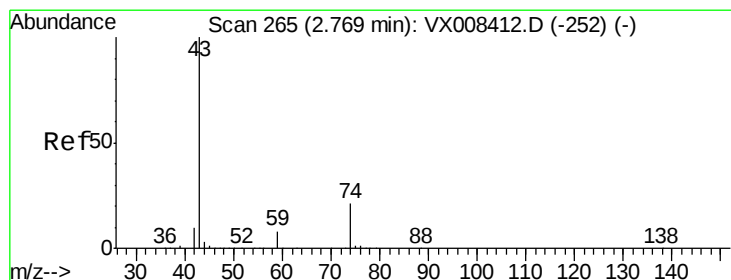
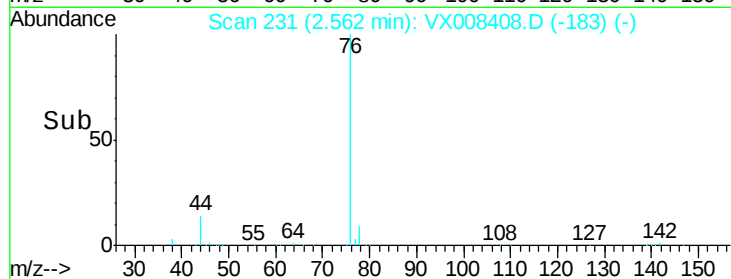
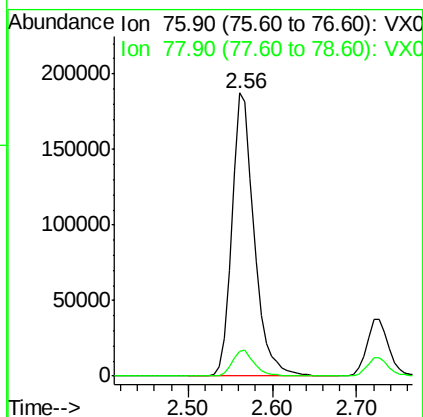
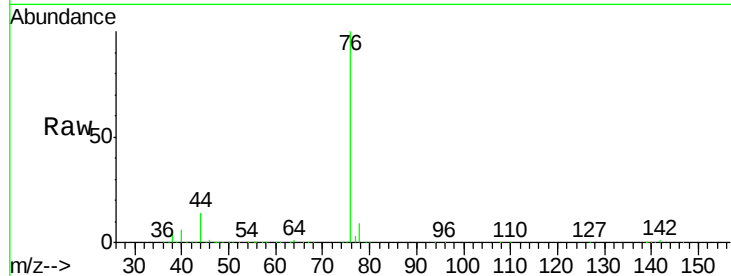




#17
Carbon Disulfide
Concen: 43.583 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

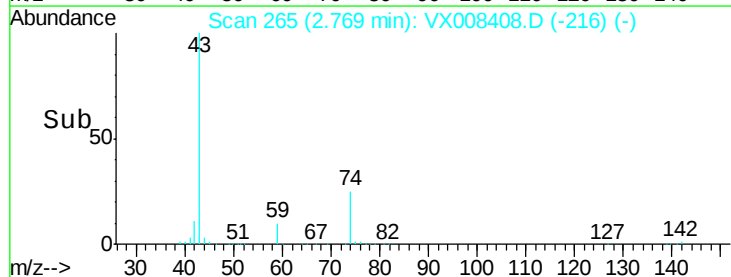
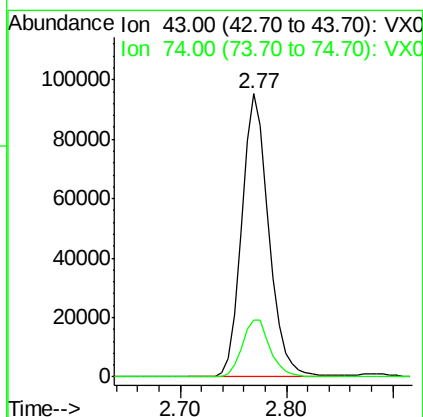
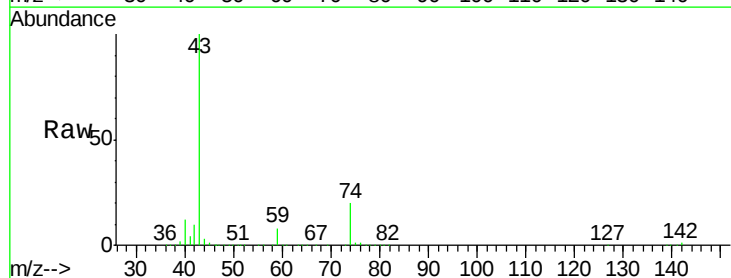
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

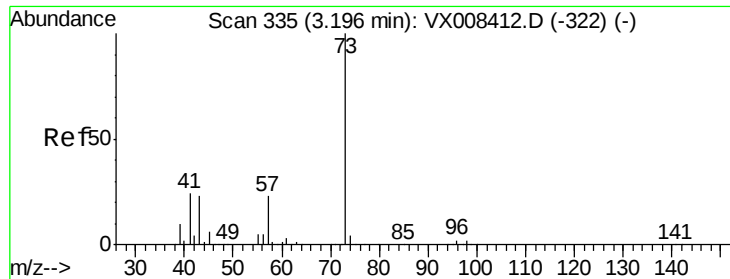
Tot Ion: 76 Resp: 335732
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2



#18
Methyl Acetate
Concen: 42.110 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

Tgt Ion: 43 Resp: 169421
Ion Ratio Lower Upper
43 100
74 21.5 16.7 25.1

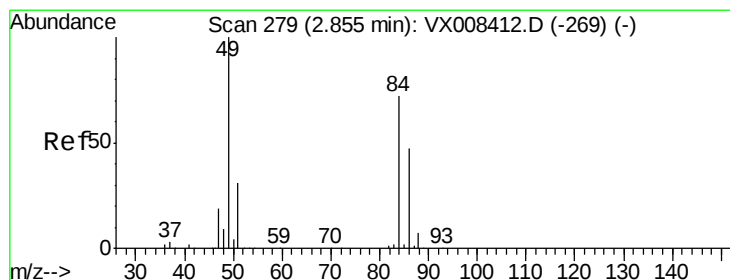
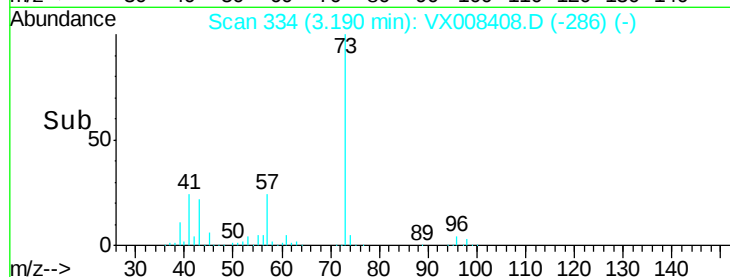
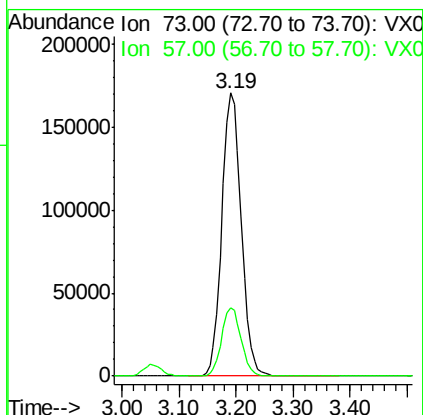
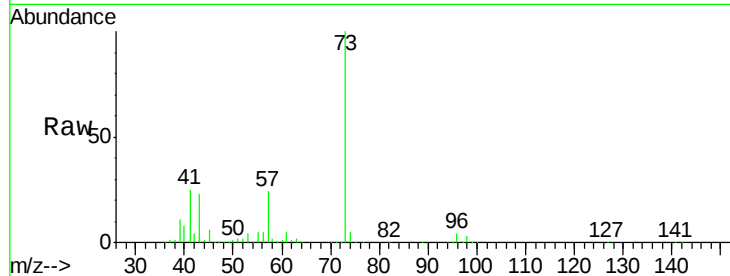




#19
Methyl tert-butyl Ether
Concen: 46.368 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

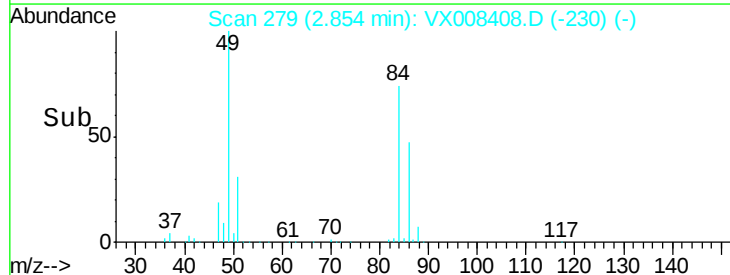
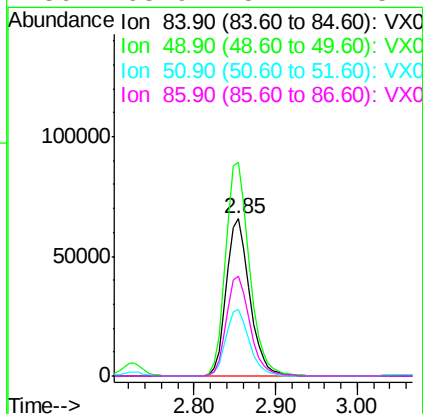
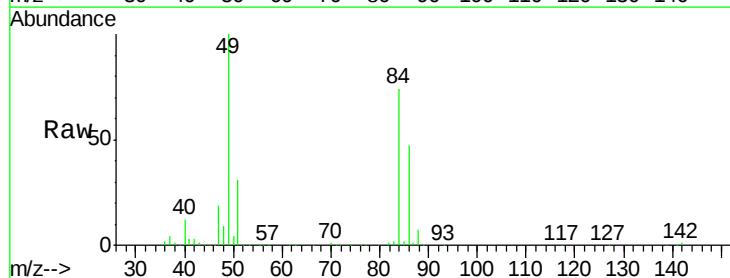
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

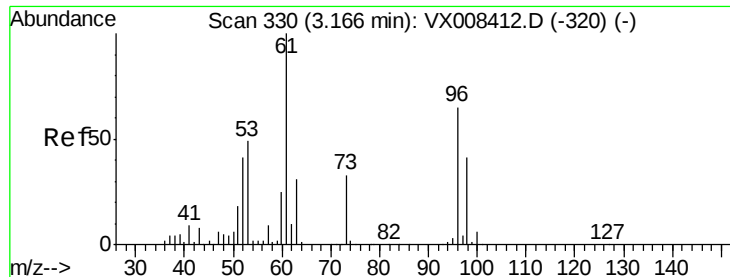
Tot Ion: 73 Resp: 402978
Ion Ratio Lower Upper
73 100
57 24.4 18.6 28.0



#20
Methylene Chloride
Concen: 44.444 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

Tgt Ion: 84 Resp: 129577
Ion Ratio Lower Upper
84 100
49 135.6 110.6 165.8
51 42.3 33.9 50.9
86 63.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 45.290 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

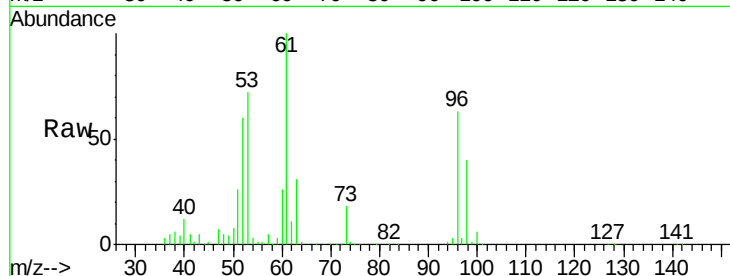
Tot Ion: 96 Resp: 118061

Ion Ratio Lower Upper

96 100

61 157.8 122.6 184.0

98 62.5 50.9 76.3

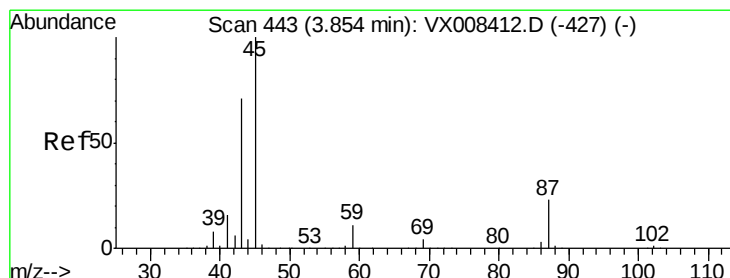
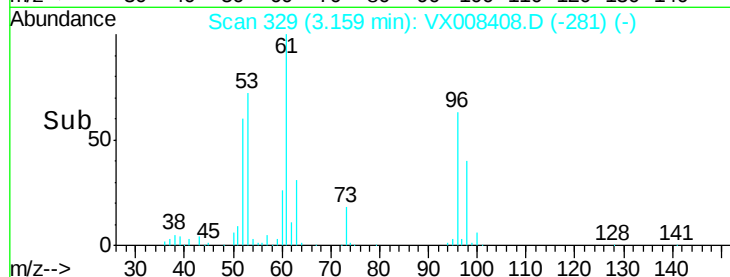
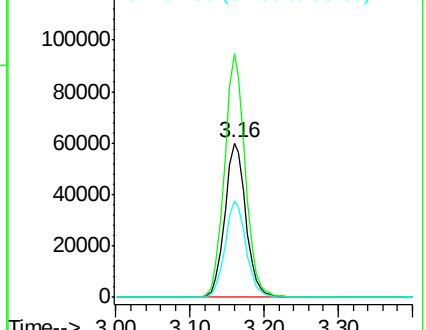


Abundance

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: 46.172 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Tgt Ion: 45 Resp: 479658

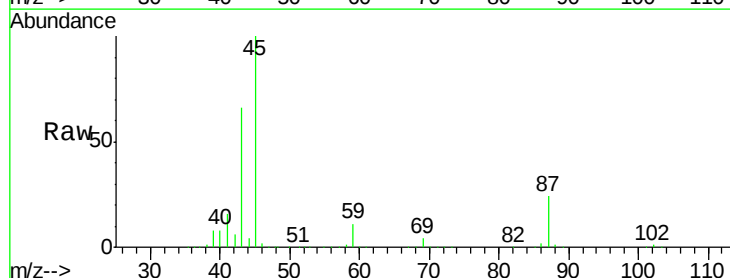
Ion Ratio Lower Upper

45 100

43 65.8 57.1 85.7

87 23.7 18.8 28.2

59 10.9 8.7 13.1



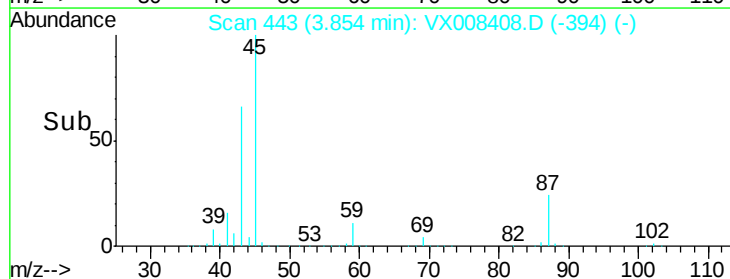
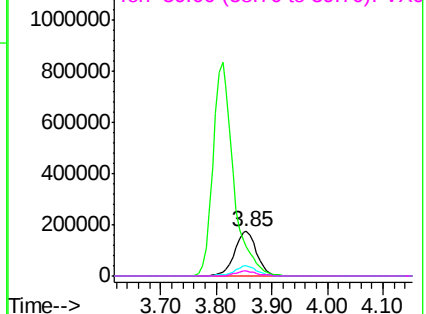
Abundance

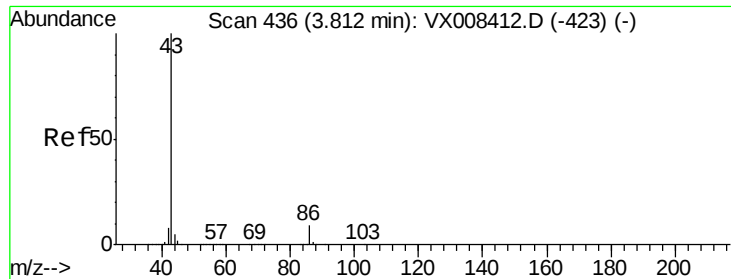
Ion 45.00 (44.70 to 45.70): VX0

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: 233.255 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

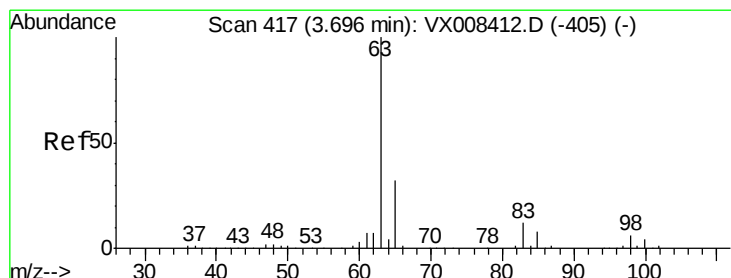
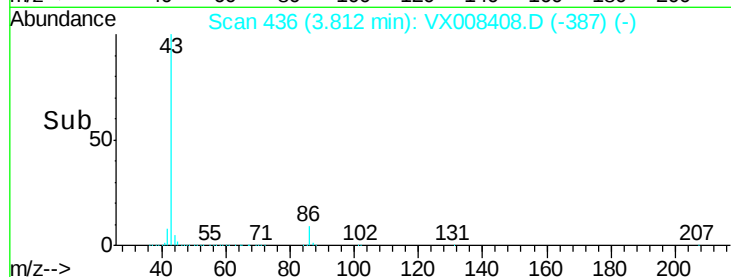
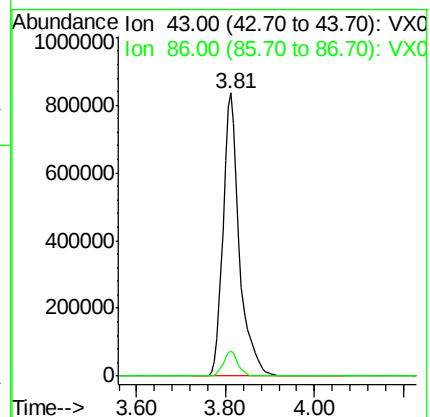
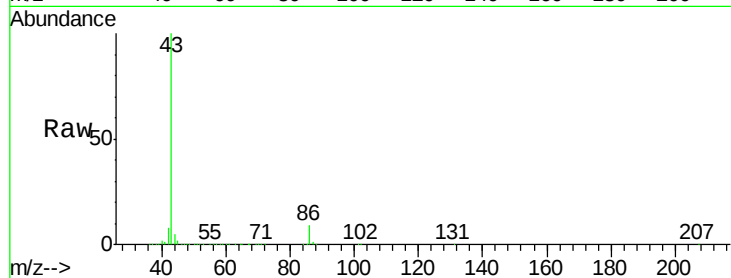
VSTDCCC050

Tot Ion: 43 Resp: 2137070

Ion Ratio Lower Upper

43 100

86 8.9 6.9 10.3



#24

1,1-Dichloroethane

Concen: 45.595 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

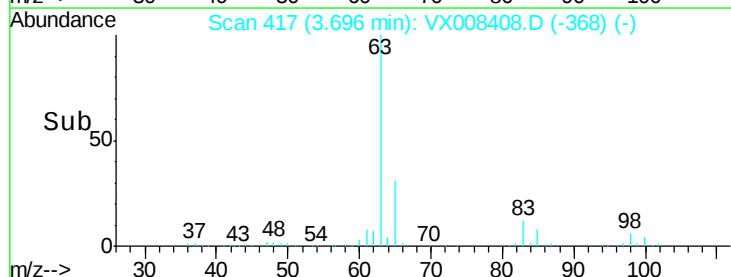
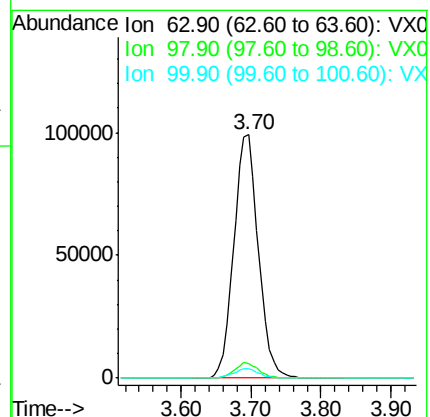
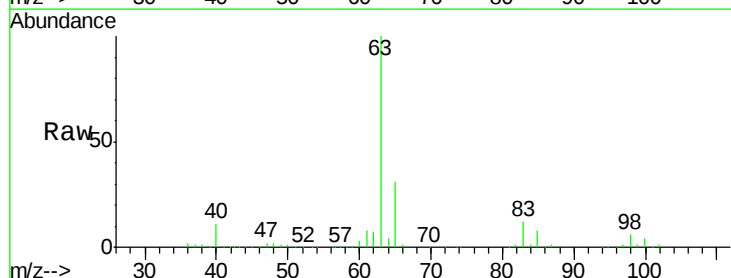
Tgt Ion: 63 Resp: 241272

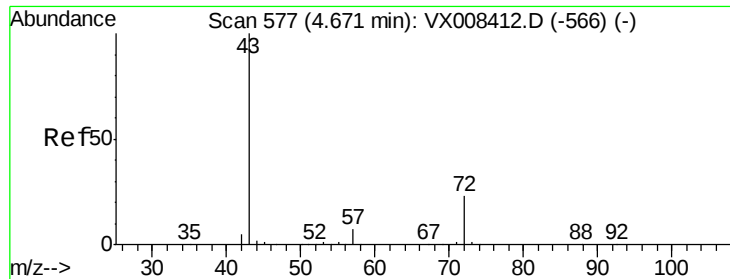
Ion Ratio Lower Upper

63 100

98 6.0 3.2 9.6

100 3.9 2.0 5.8





#25

2-Butanone

Concen: 219.639 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

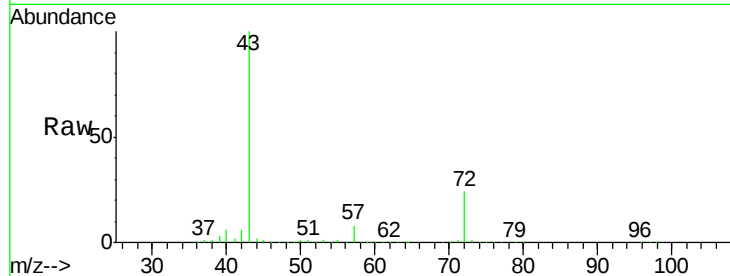
VSTDCCC050

Tot Ion: 43 Resp: 582571

Ion Ratio Lower Upper

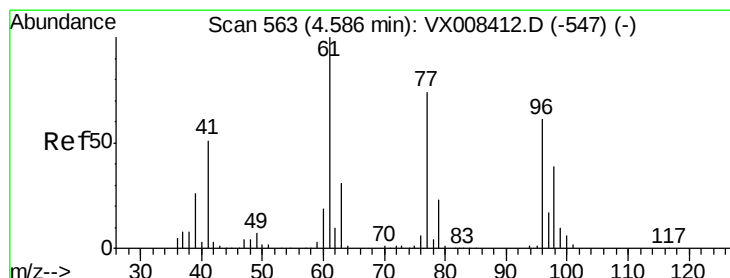
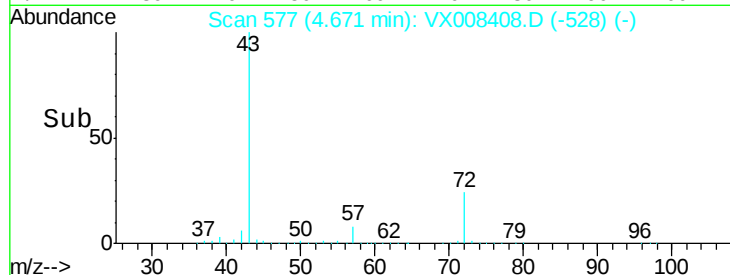
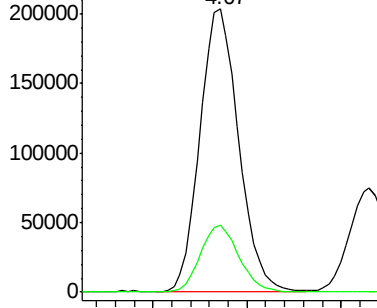
43 100

72 23.6 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 48.418 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008408.D

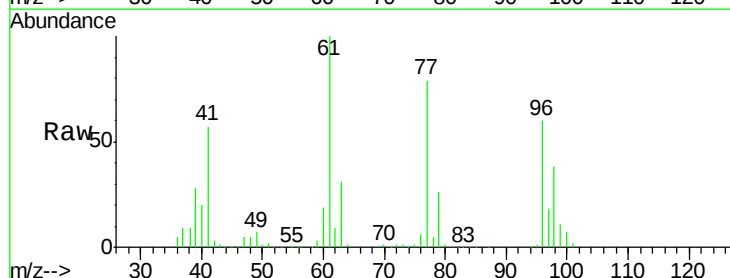
Acq: 25 Mar 2019 13:07

Tgt Ion: 77 Resp: 166206

Ion Ratio Lower Upper

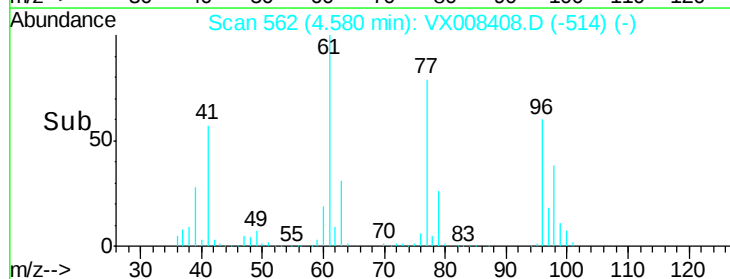
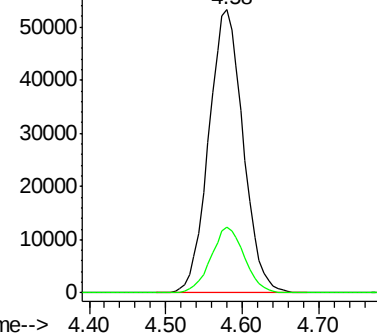
77 100

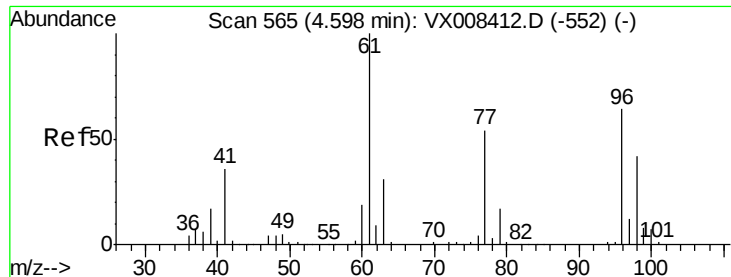
97 22.9 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



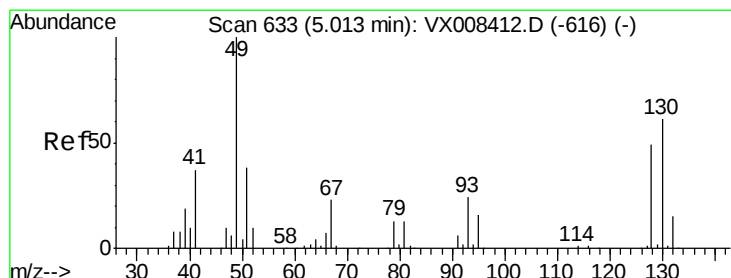
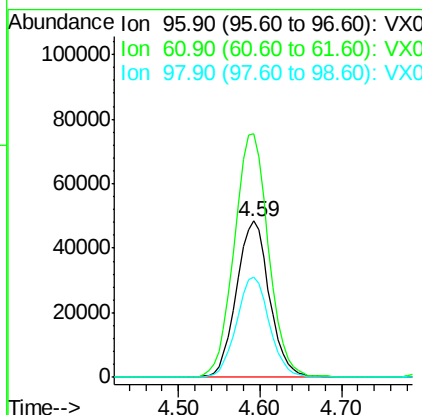
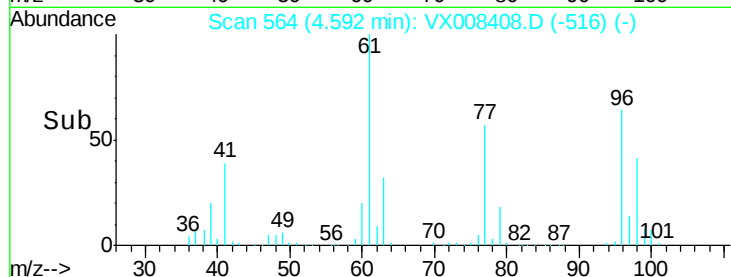
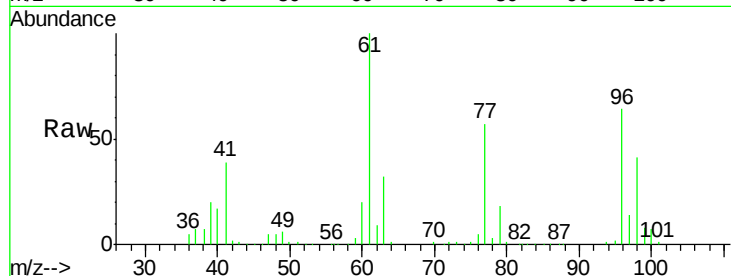


#27

cis-1,2-Dichloroethene
Concen: 45.578 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

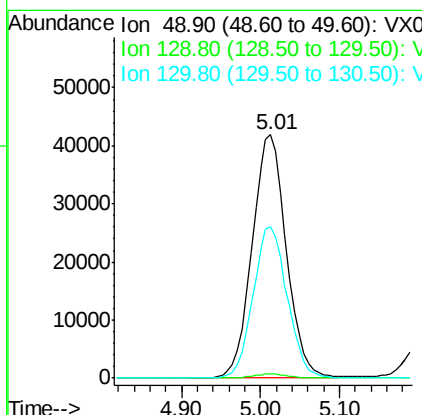
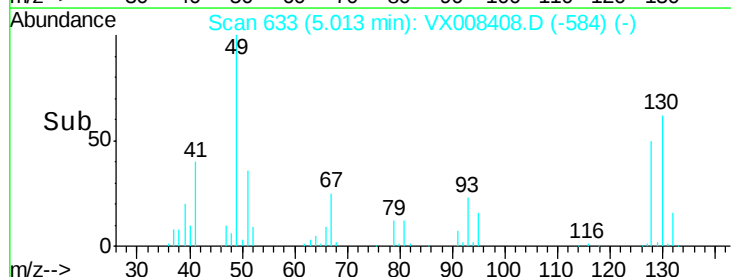
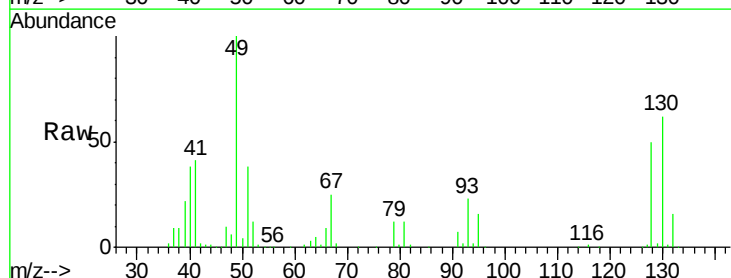
Tot Ion: 96 Resp: 136161
Ion Ratio Lower Upper
96 100
61 161.8 0.0 325.6
98 64.2 0.0 130.0

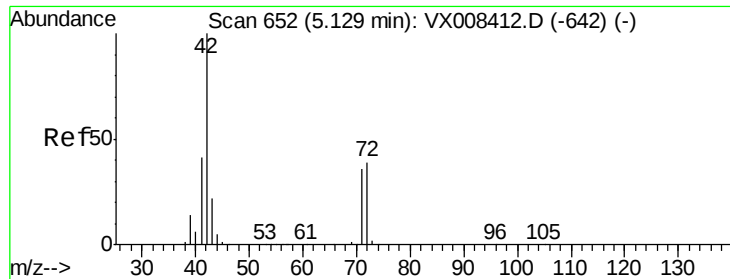


#28

Bromochloromethane
Concen: 48.141 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

Tgt Ion: 49 Resp: 125336
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 62.4 49.8 74.6





#29

Tetrahydrofuran

Concen: 213.093 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

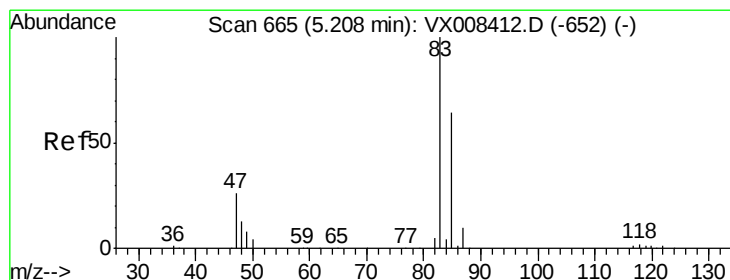
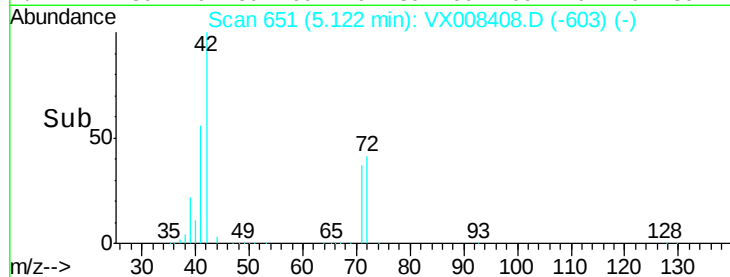
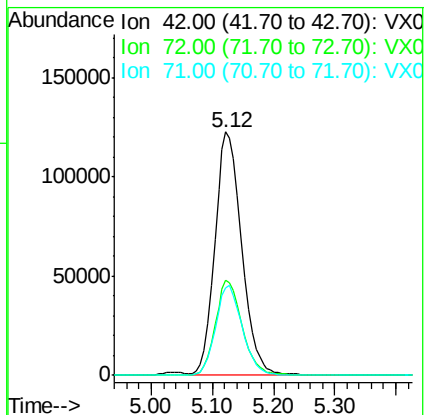
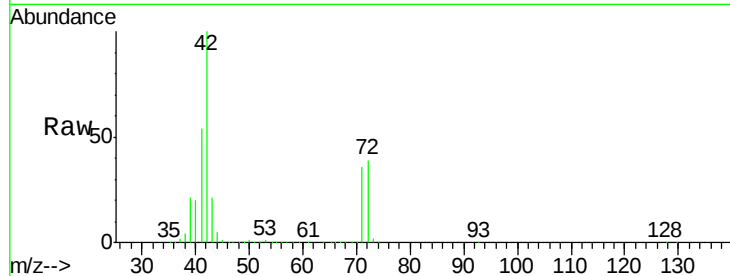
Tot Ion: 42 Resp: 373480

Ion Ratio Lower Upper

42 100

72 39.3 31.4 47.2

71 36.8 29.4 44.2



#30

Chloroform

Concen: 46.131 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX008408.D

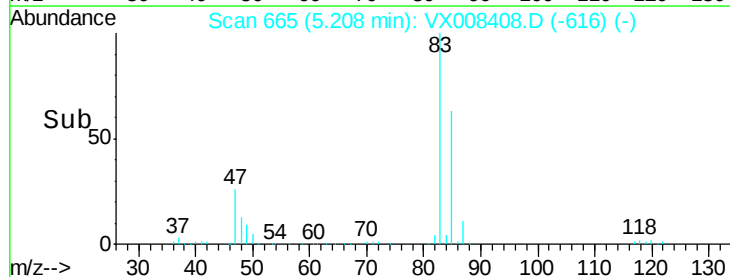
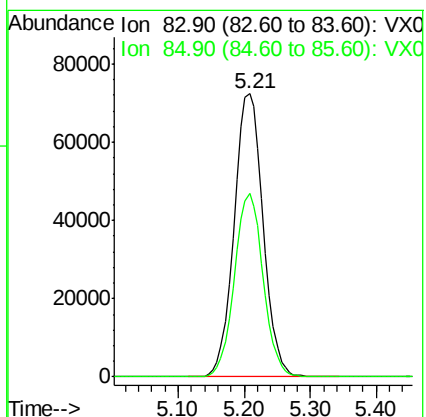
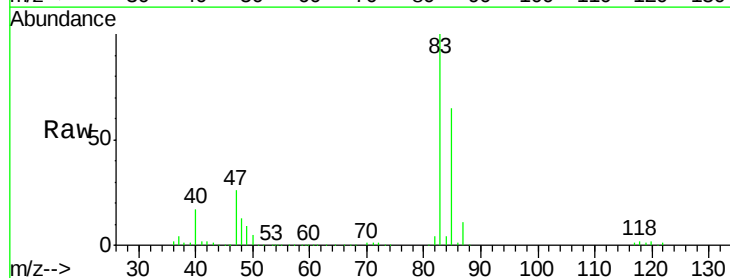
Acq: 25 Mar 2019 13:07

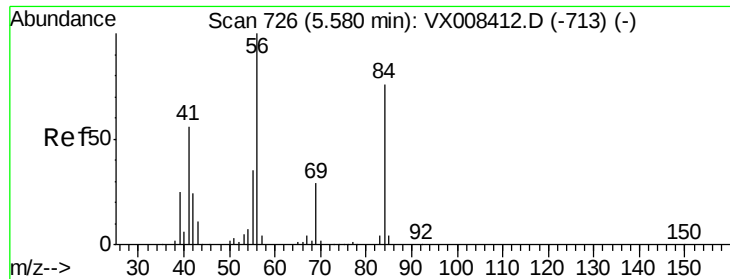
Tgt Ion: 83 Resp: 220232

Ion Ratio Lower Upper

83 100

85 64.9 51.4 77.2

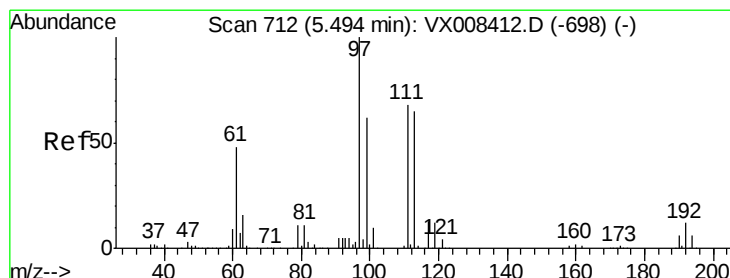
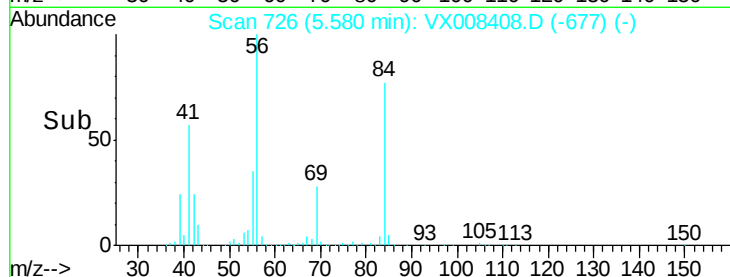
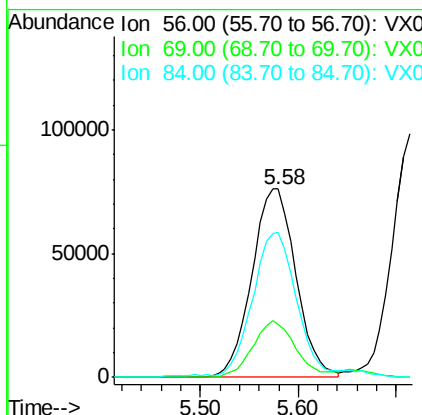
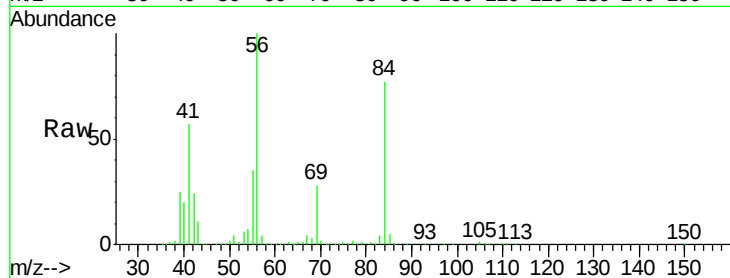




#31
Cyclohexane
Concen: 46.880 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

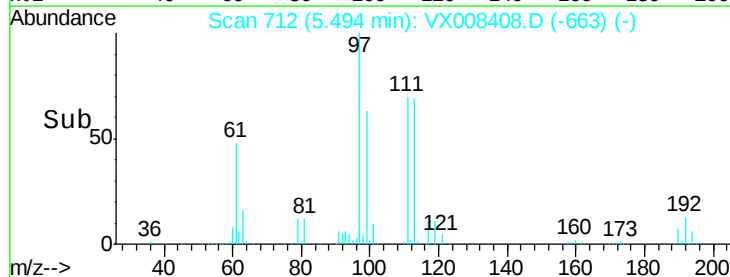
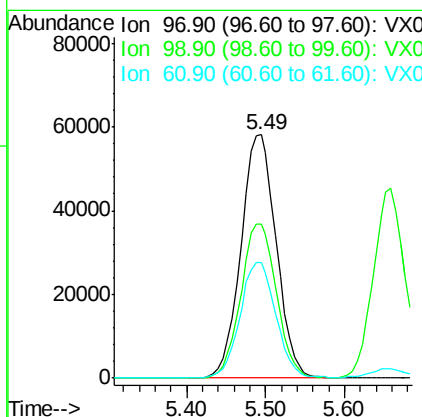
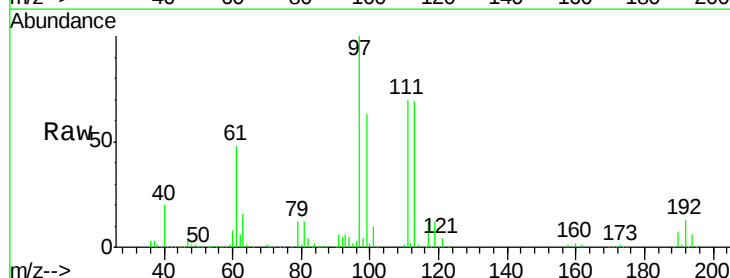
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

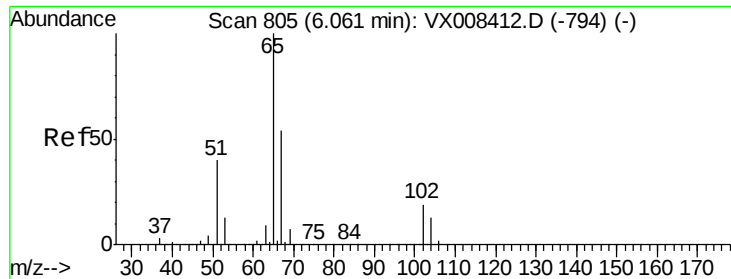
Tot Ion: 56 Resp: 237447
Ion Ratio Lower Upper
56 100
69 28.4 23.2 34.8
84 75.7 60.7 91.1



#32
1,1,1-Trichloroethane
Concen: 47.769 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

Tgt Ion: 97 Resp: 180818
Ion Ratio Lower Upper
97 100
99 64.1 51.5 77.3
61 48.5 38.8 58.2





#33

1,2-Dichloroethane-d4

Concen: 47.124 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

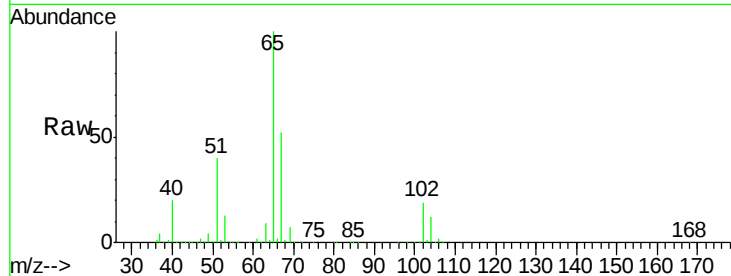
VSTDCCC050

Tot Ion: 65 Resp: 151499

Ion Ratio Lower Upper

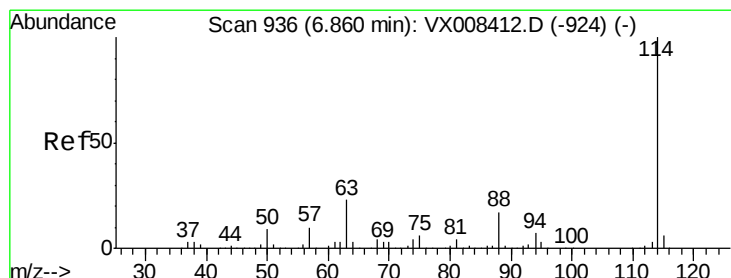
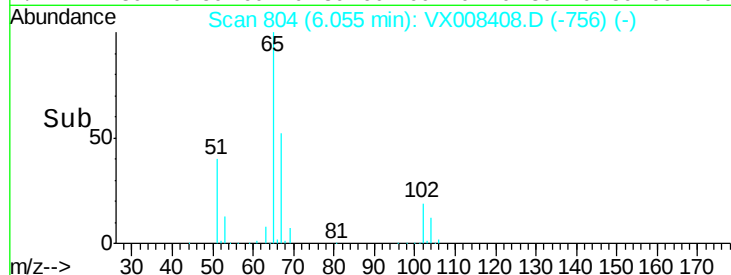
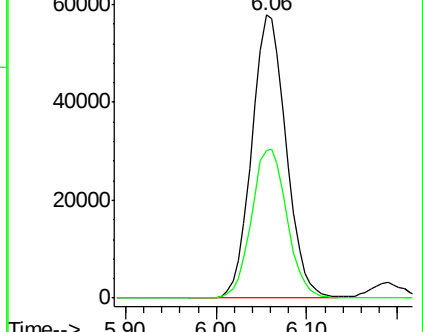
65 100

67 54.3 0.0 109.4



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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

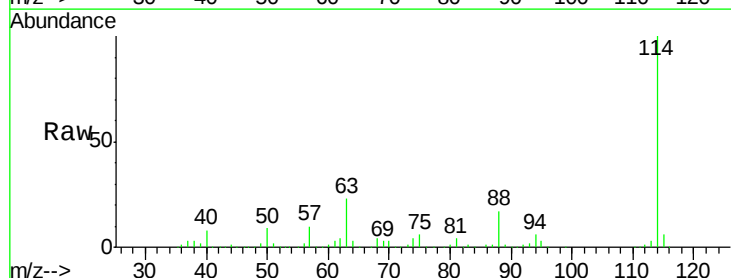
Tgt Ion: 114 Resp: 353868

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.4

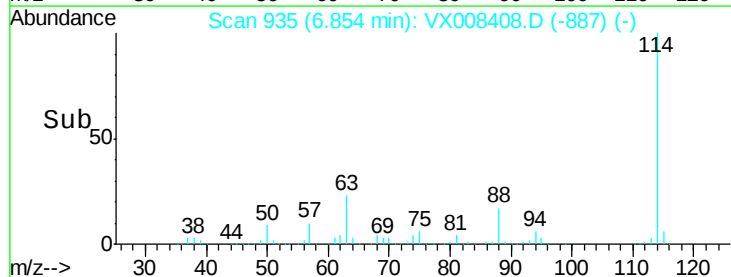
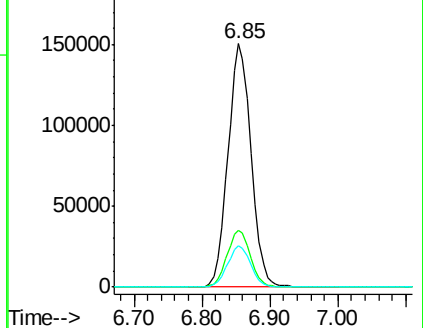
88 16.8 0.0 33.2

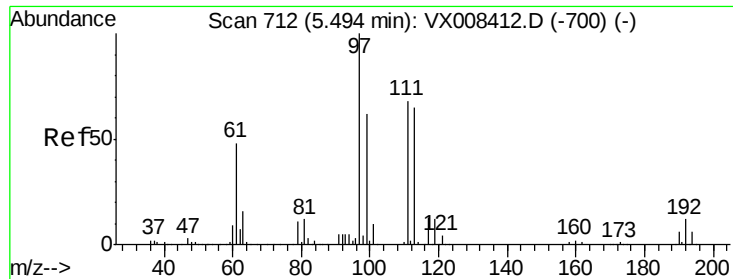


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

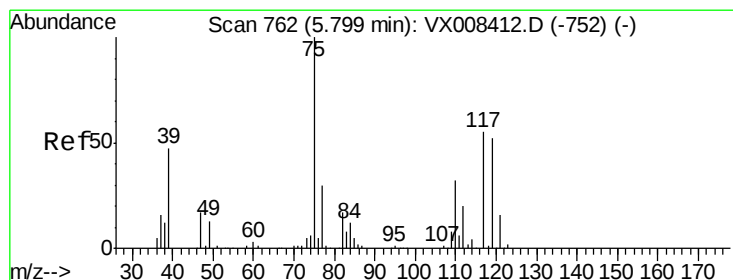
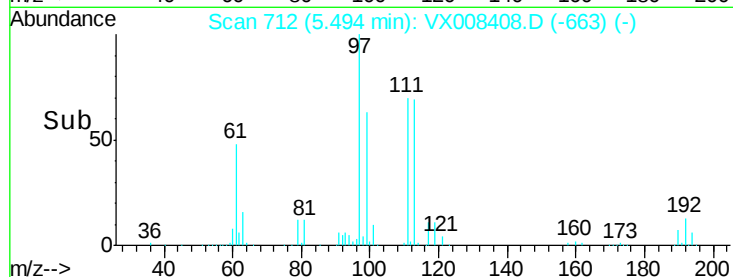
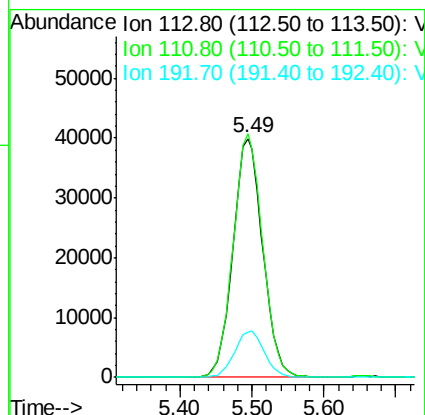
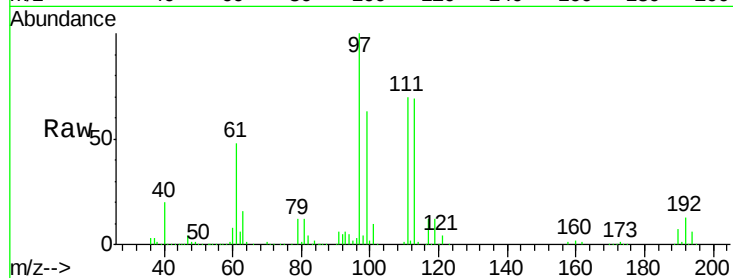




#35
 Dibromofluoromethane
 Concen: 49.955 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

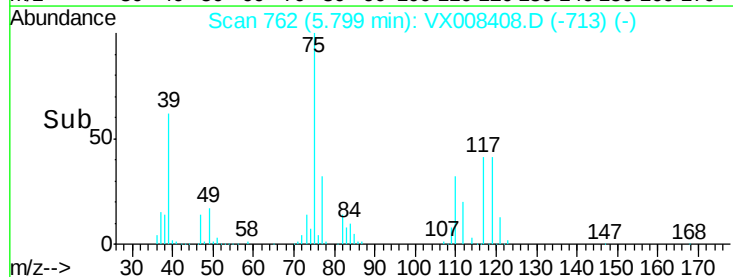
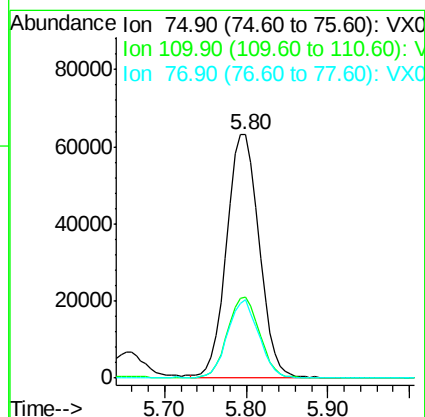
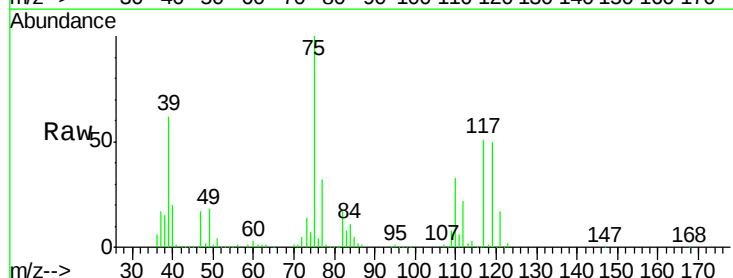
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

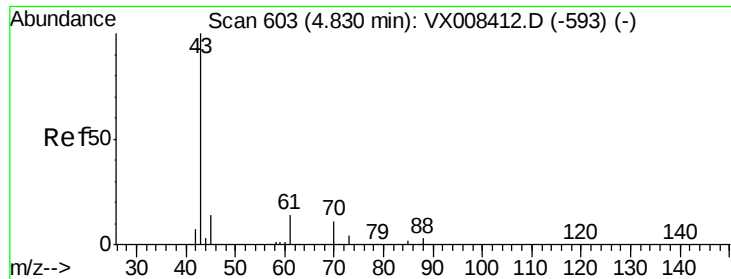
Tot Ion:113 Resp: 114316
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.0 124.4
 192 19.4 15.6 23.4



#36
 1,1-Dichloropropene
 Concen: 48.268 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

Tgt Ion: 75 Resp: 174263
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.6 49.7
 77 30.8 24.2 36.2

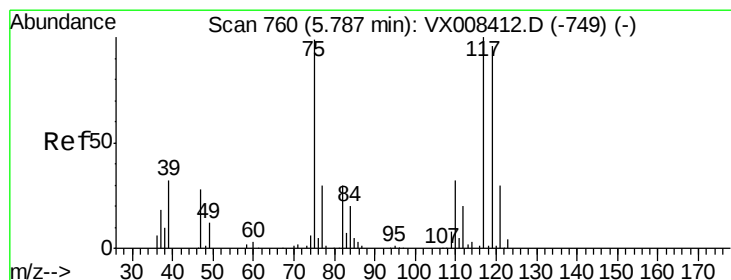
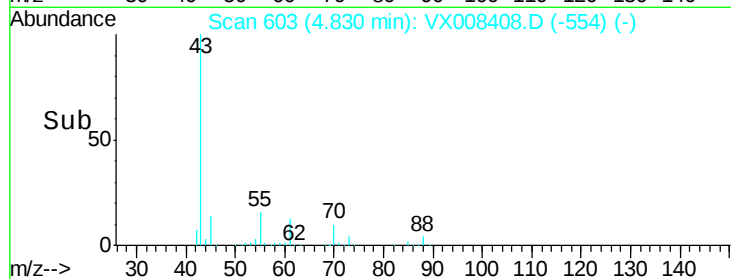
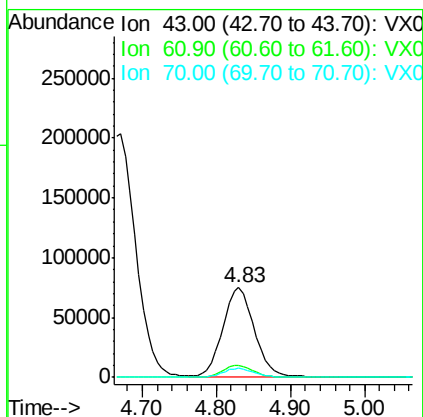
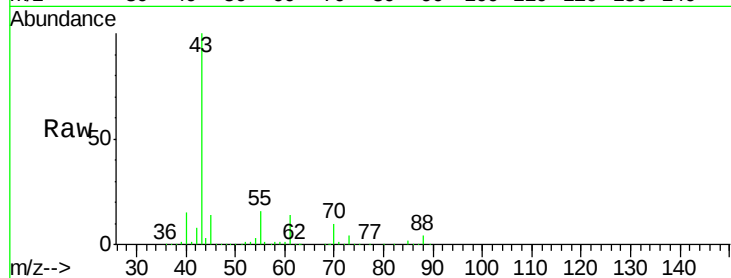




#37
Ethyl Acetate
Concen: 45.367 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

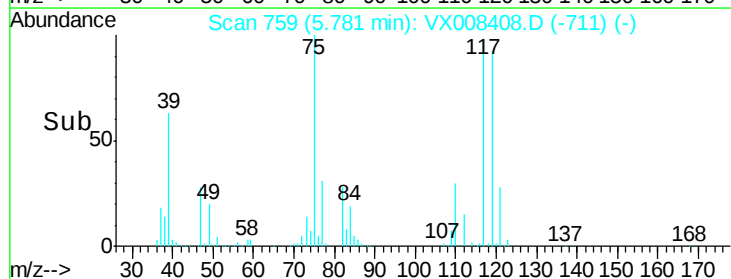
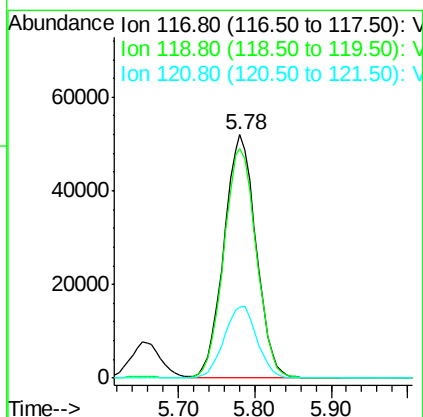
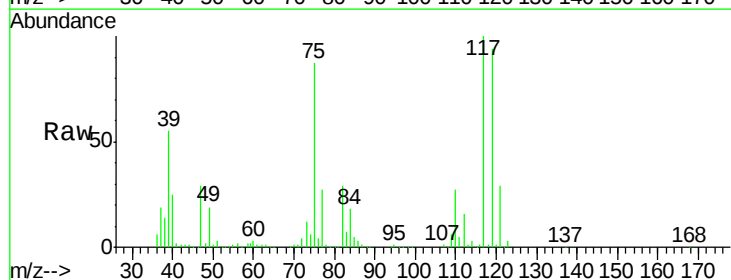
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

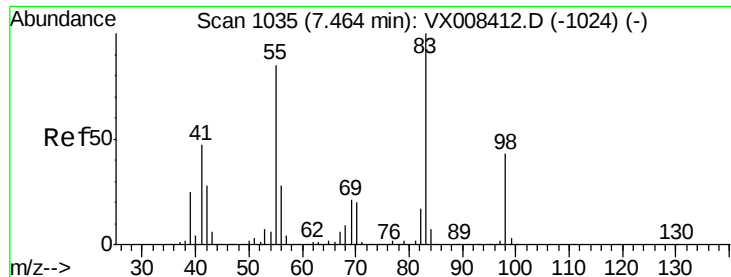
Tot Ion: 43 Resp: 220745
Ion Ratio Lower Upper
43 100
61 13.3 10.5 15.7
70 9.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 48.559 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

Tgt Ion: 117 Resp: 150659
Ion Ratio Lower Upper
117 100
119 94.4 76.7 115.1
121 29.1 24.3 36.5

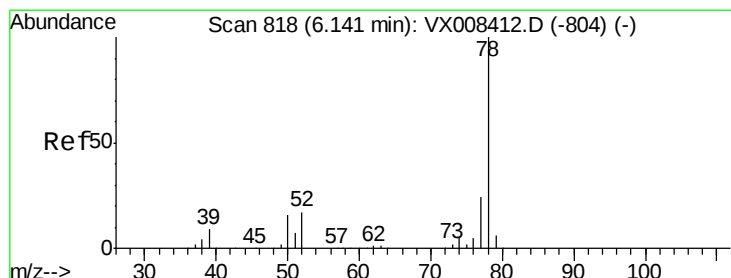
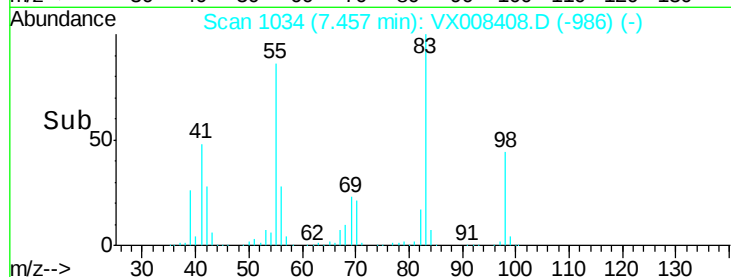
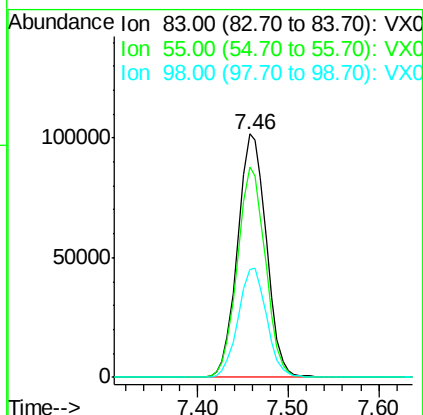
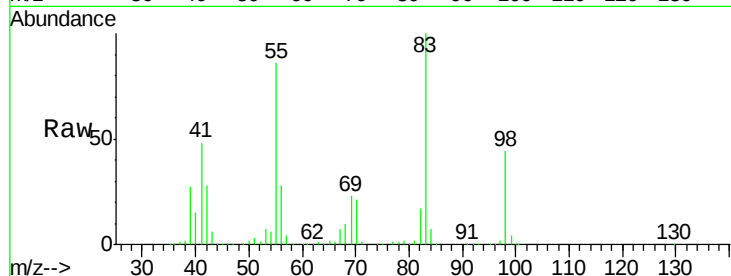




#39
Methvlcvclohexane
Concen: 50.478 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

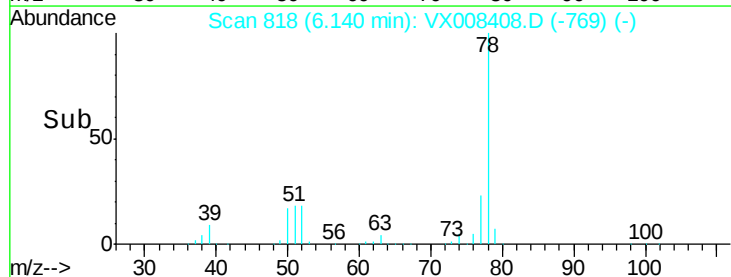
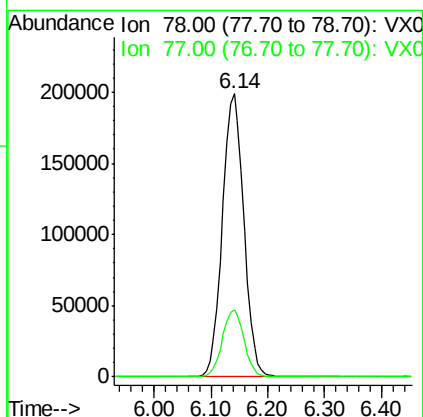
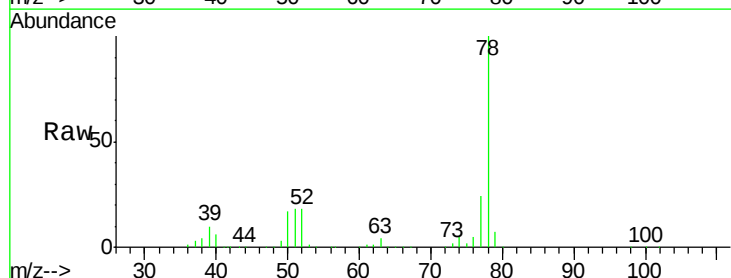
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

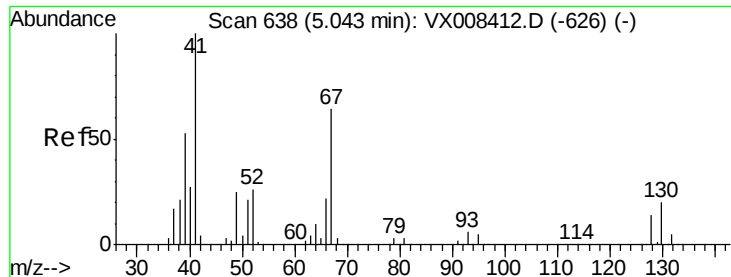
Tot Ion: 83 Resp: 22352
Ion Ratio Lower Upper
83 100
55 86.3 68.2 102.4
98 44.3 34.2 51.4



#40
Benzene
Concen: 47.401 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

Tgt Ion: 78 Resp: 521801
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41

Methacrylonitrile

Concen: 46.594 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 41 Resp: 123845

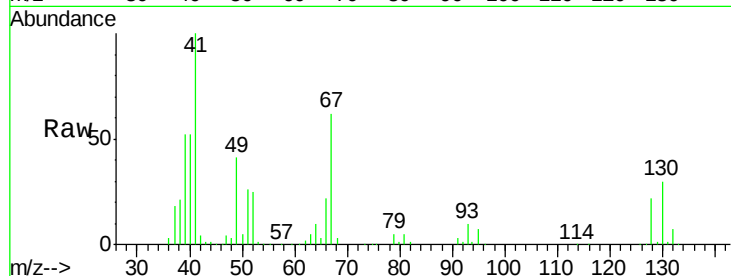
Ion Ratio Lower Upper

41 100

39 53.1 42.6 64.0

67 65.2 52.2 78.4

52 26.7 21.4 32.0

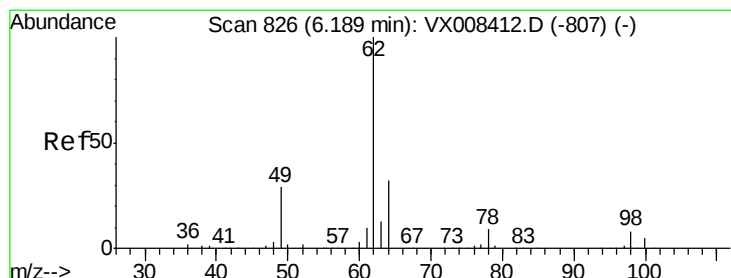
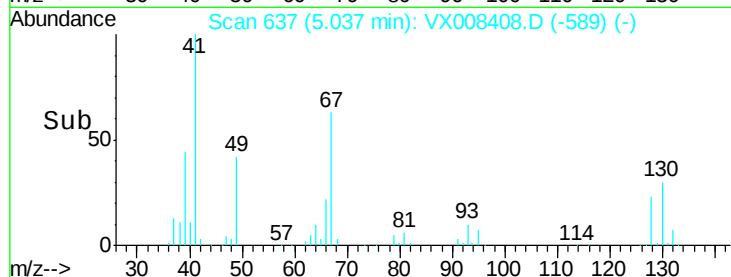
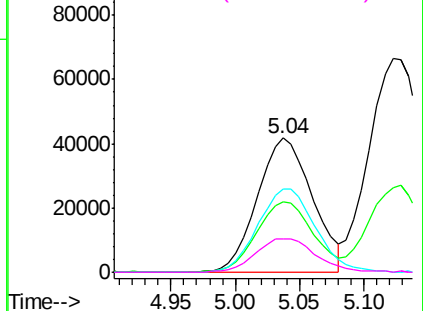


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 46.698 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX008408.D

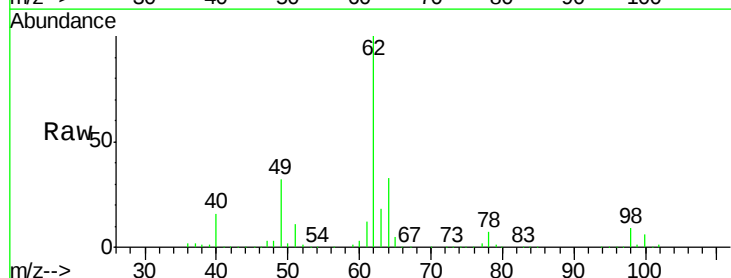
Acq: 25 Mar 2019 13:07

Tgt Ion: 62 Resp: 186589

Ion Ratio Lower Upper

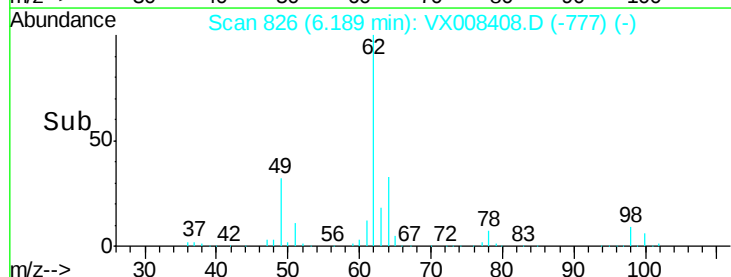
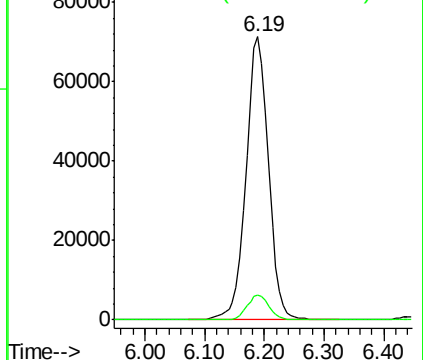
62 100

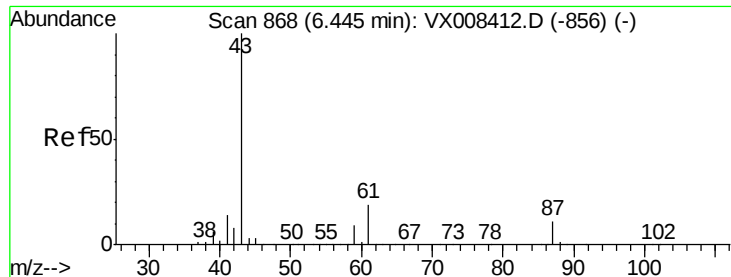
98 8.6 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



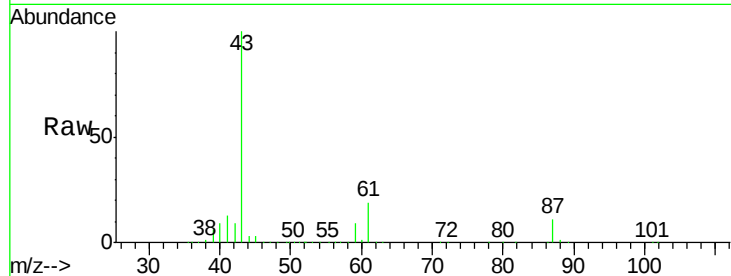


#43

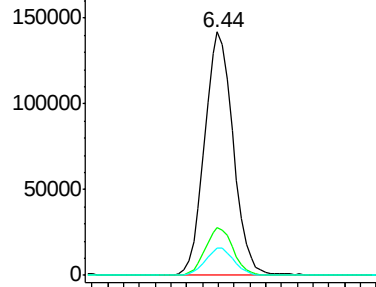
Isopropyl Acetate
 Concen: 46.918 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

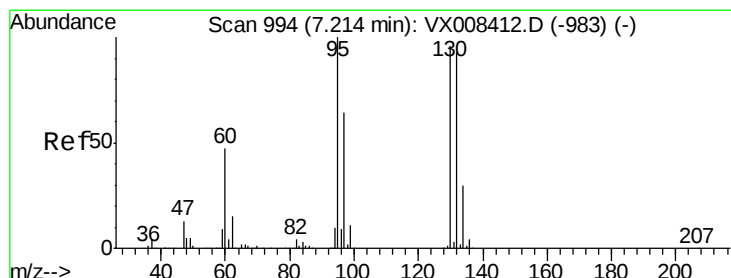
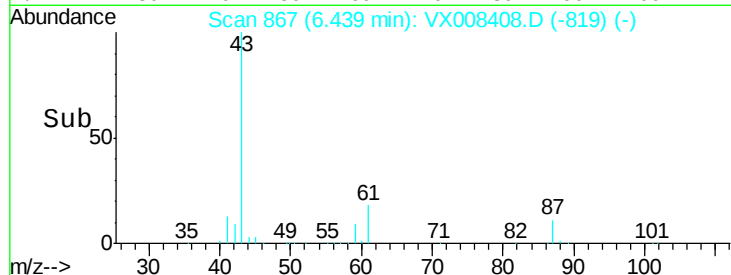
Tot Ion	43	Resp	356459
Ion Ratio	Lower	Upper	
43	100		
61	19.5	15.4	23.2
87	11.4	9.1	13.7



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



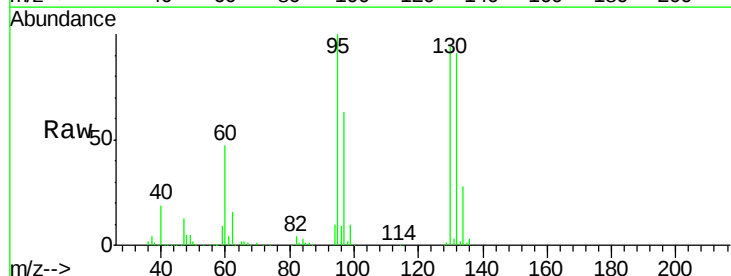
Time-->



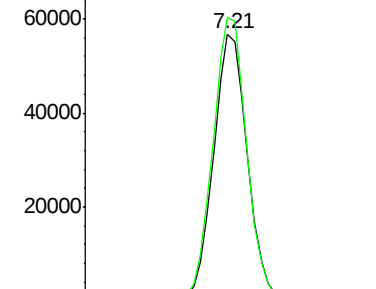
#44

Trichloroethene
 Concen: 47.118 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

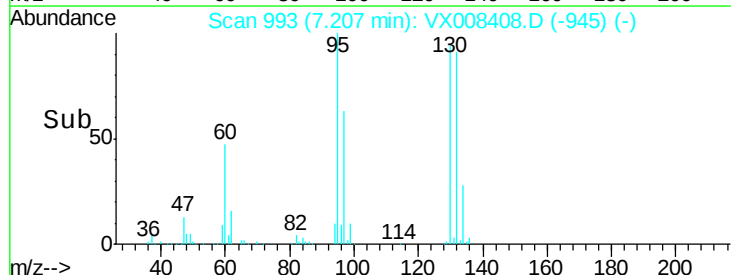
Tgt Ion	130	Resp	120550
Ion Ratio	Lower	Upper	
130	100		
95	105.9	0.0	208.8

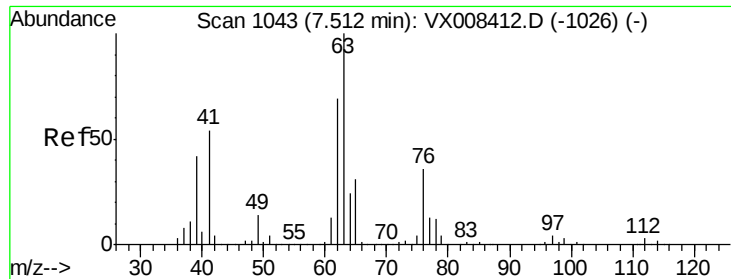


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0



Time-->





#45

1,2-Dichloropropane

Concen: 47.688 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

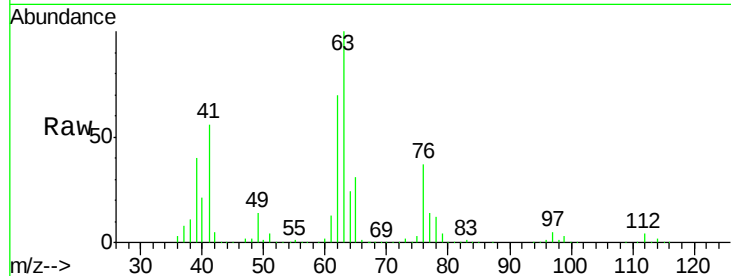
VSTDCCC050

Tot Ion: 63 Resp: 148627

Ion Ratio Lower Upper

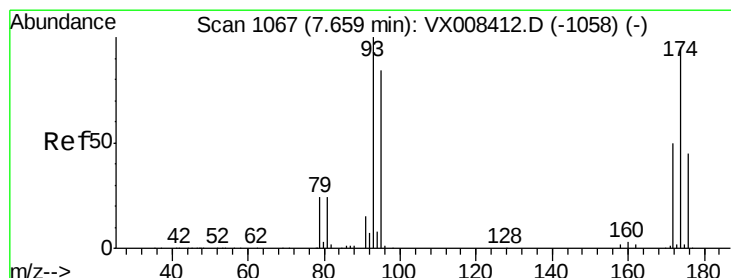
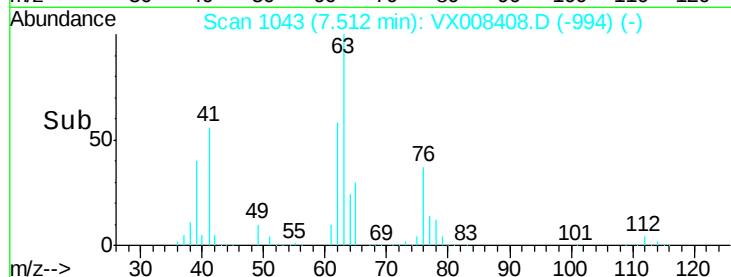
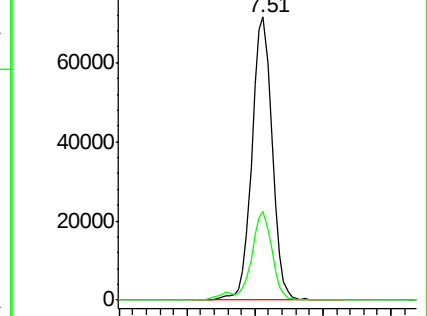
63 100

65 31.2 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 45.813 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

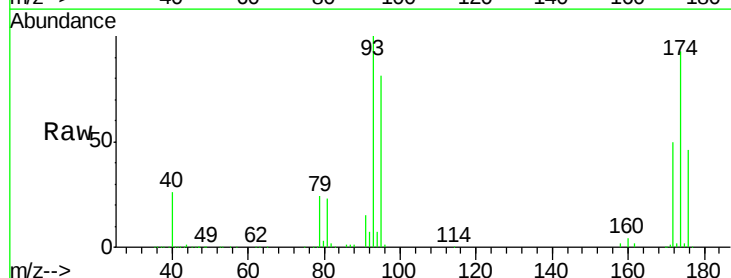
Tgt Ion: 93 Resp: 84566

Ion Ratio Lower Upper

93 100

95 84.4 67.0 100.6

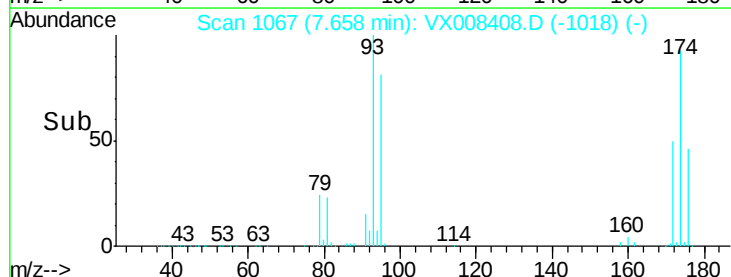
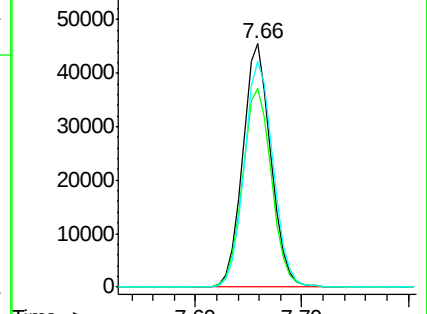
174 95.2 76.0 114.0

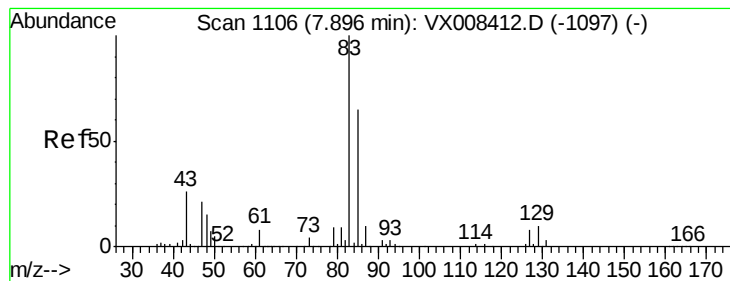


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.934 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

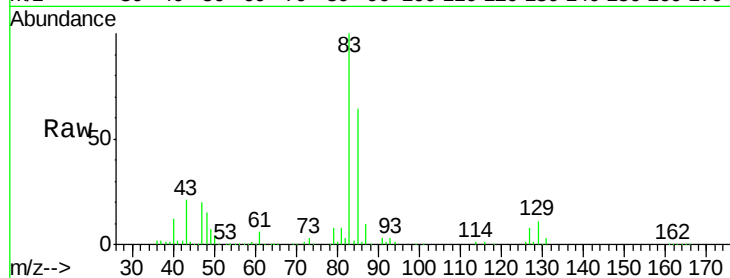
Tot Ion: 83 Resp: 172590

Ion Ratio Lower Upper

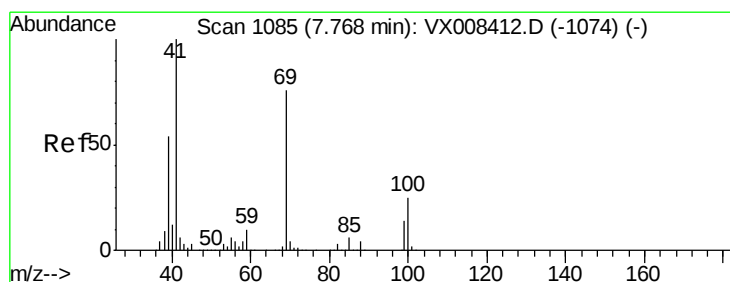
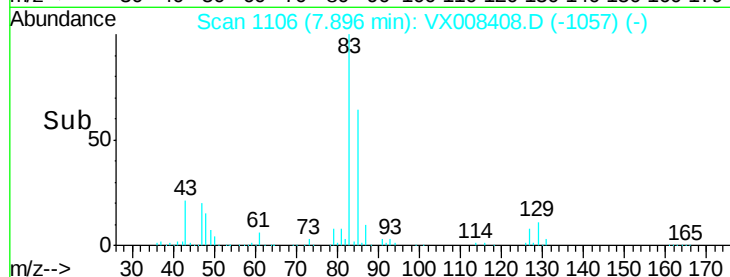
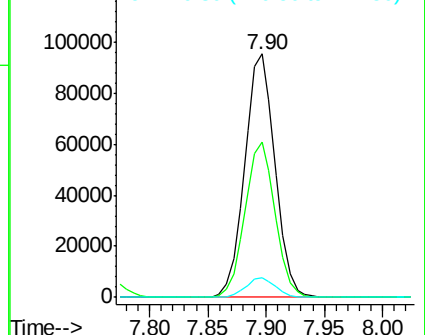
83 100

85 63.7 52.0 78.0

127 8.0 6.4 9.6



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



#48

Methyl methacrylate

Concen: 46.987 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

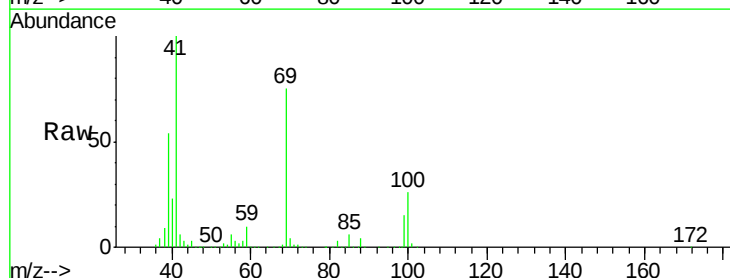
Tgt Ion: 41 Resp: 180737

Ion Ratio Lower Upper

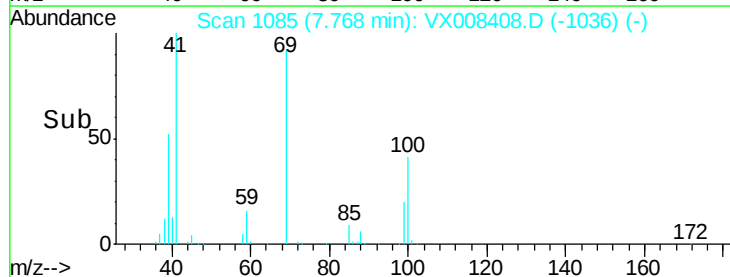
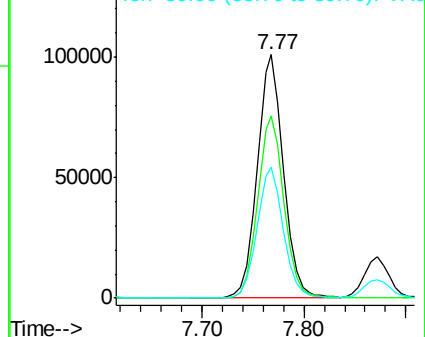
41 100

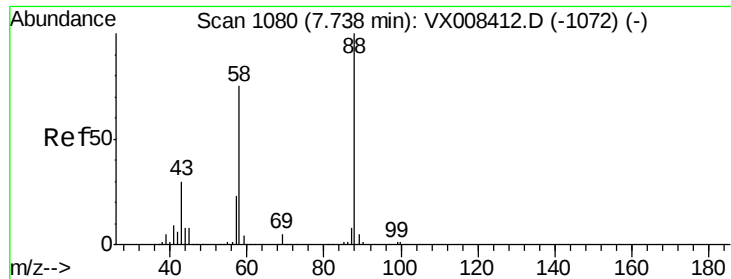
69 75.4 60.8 91.2

39 53.8 42.3 63.5



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

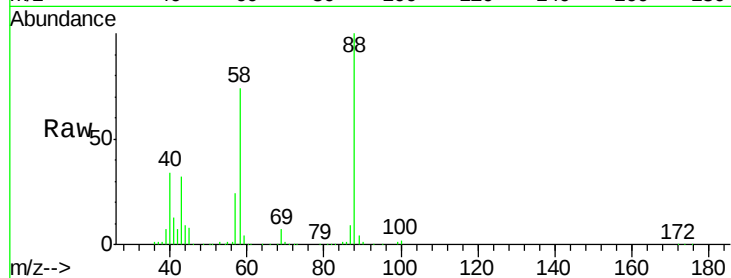




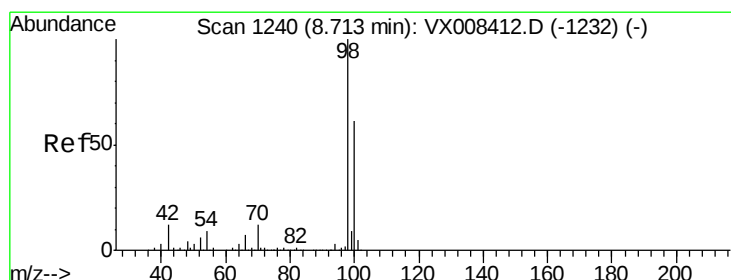
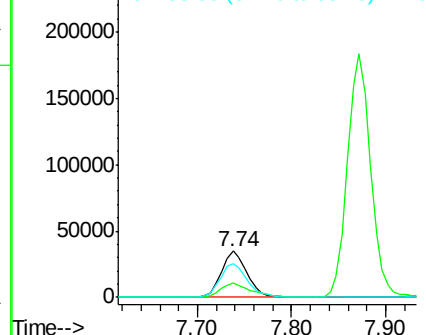
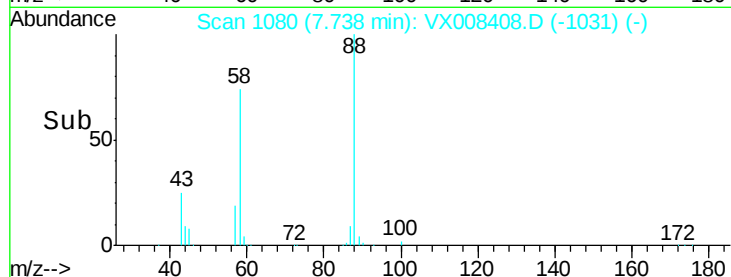
#49
 1,4-Dioxane
 Concen: 849.452 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	88	Resp	65961
Ion	Ratio	Lower	Upper
88	100		
43	36.3	28.6	43.0
58	77.9	63.0	94.4

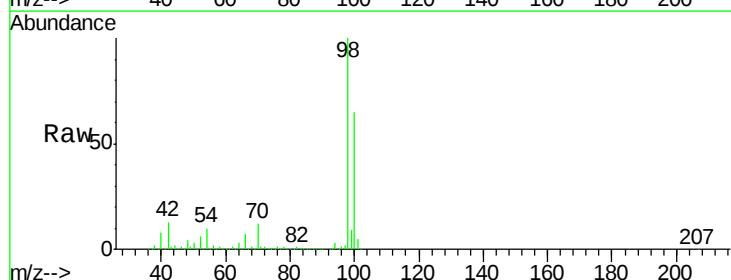


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

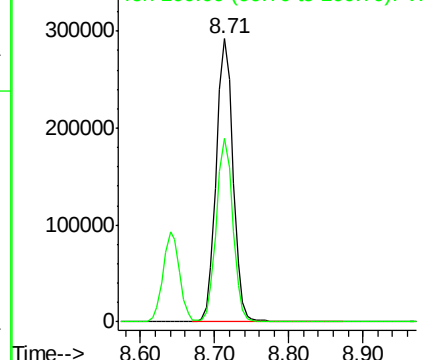
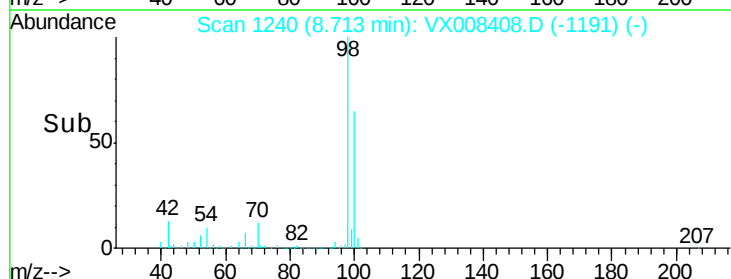


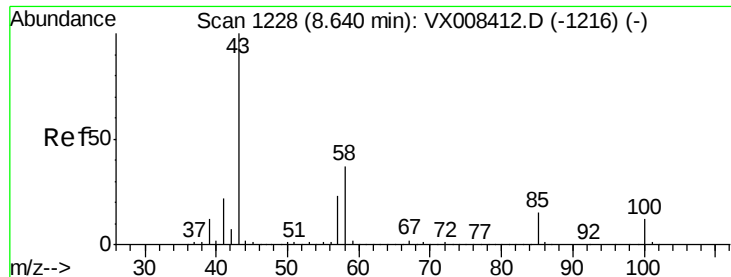
#50
 Toluene-d8
 Concen: 49.658 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

Tgt Ion	98	Resp	451760
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.1	76.7



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





#51

4-Methyl-2-Pentanone

Concen: 234.422 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

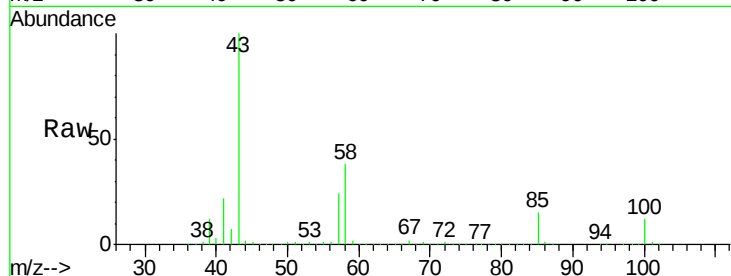
VSTDCCC050

Tot Ion: 43 Resp: 1173317

Ion Ratio Lower Upper

43 100

58 37.5 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

800000

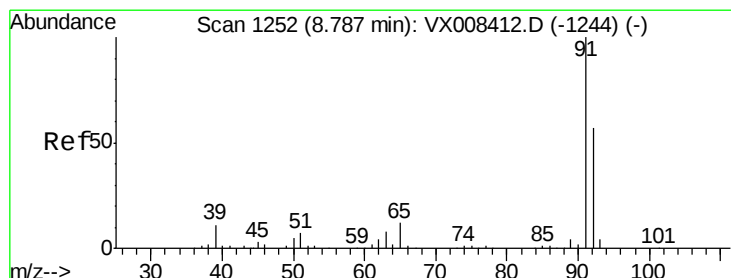
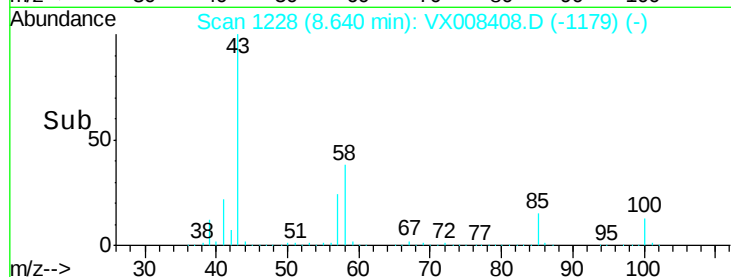
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 48.670 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008408.D

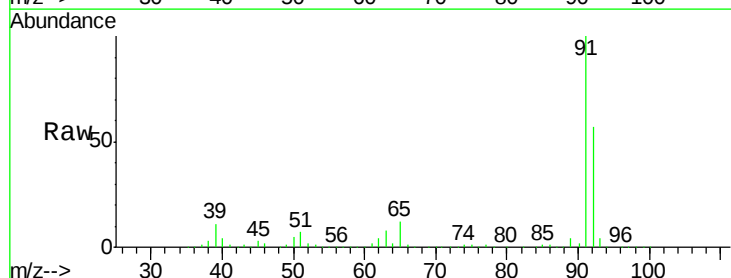
Acq: 25 Mar 2019 13:07

Tgt Ion: 92 Resp: 314928

Ion Ratio Lower Upper

92 100

91 174.6 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

400000

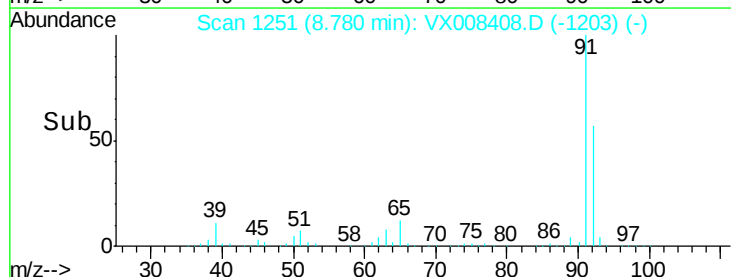
300000

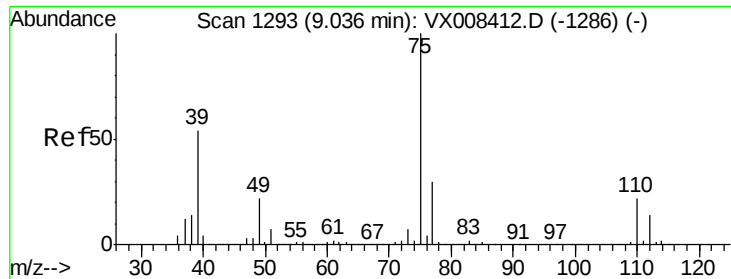
200000

100000

0

Time-->

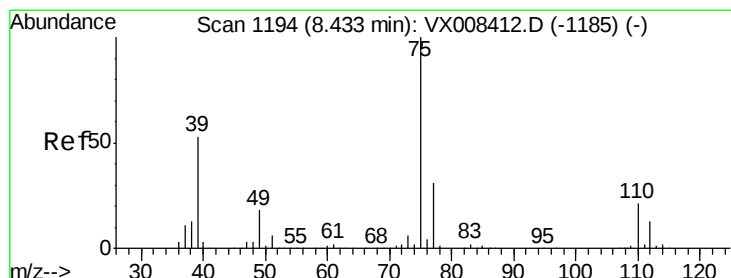
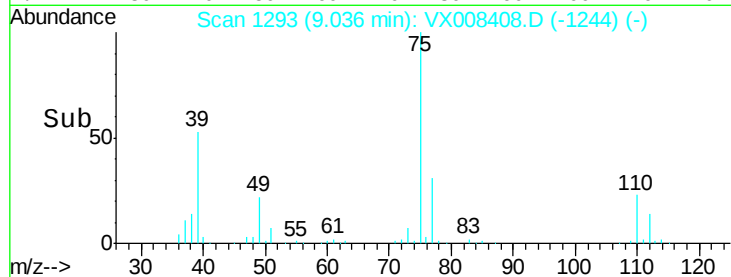
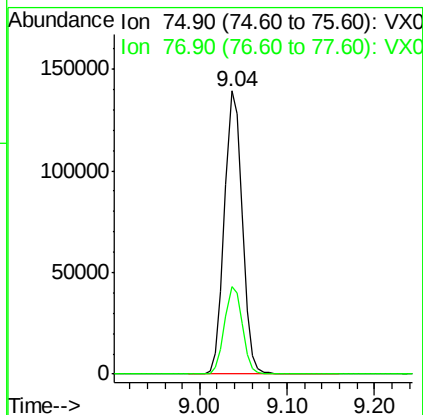
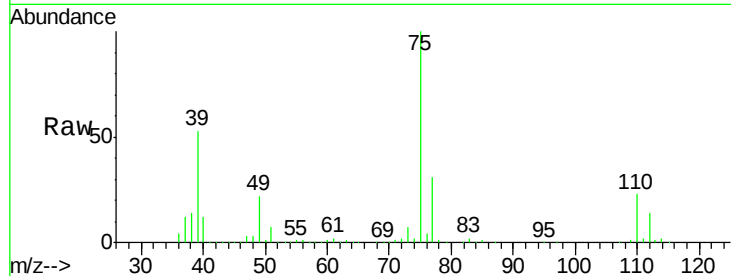




#53
 t-1,3-Dichloropropene
 Concen: 51.903 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

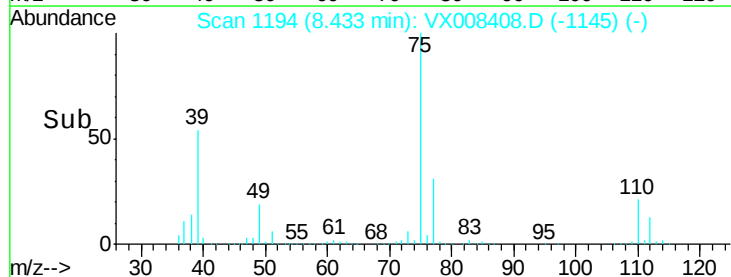
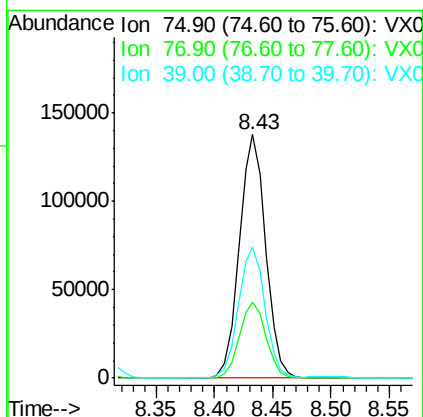
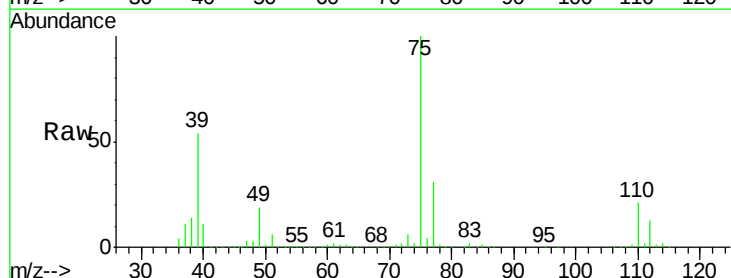
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

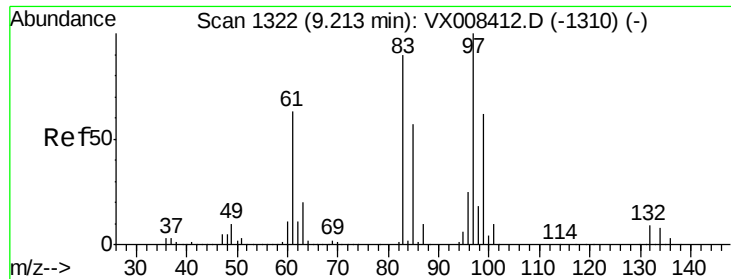
Tot Ion: 75 Resp: 197226
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 50.511 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

Tgt Ion: 75 Resp: 216856
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.7 37.1
 39 53.8 42.4 63.6



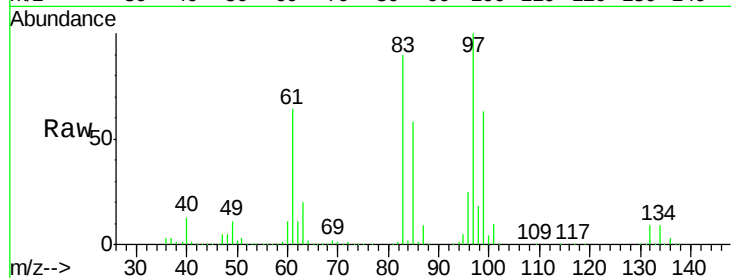


#55
 1,1,2-Trichloroethane
 Concen: 47.535 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

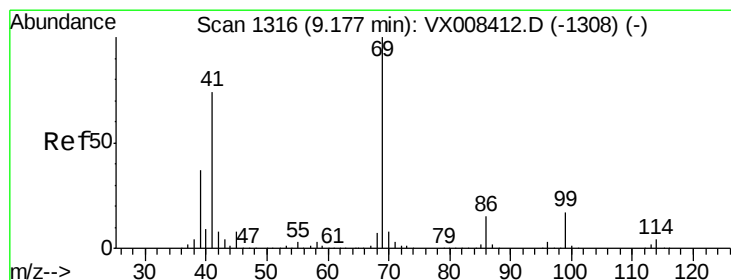
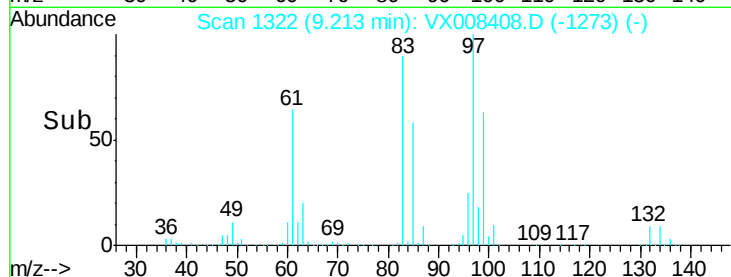
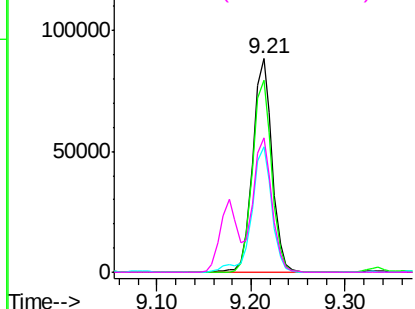
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 127748

Ion	Ratio	Lower	Upper
97	100		
83	90.0	71.8	107.6
85	58.5	45.9	68.9
99	62.9	49.4	74.0



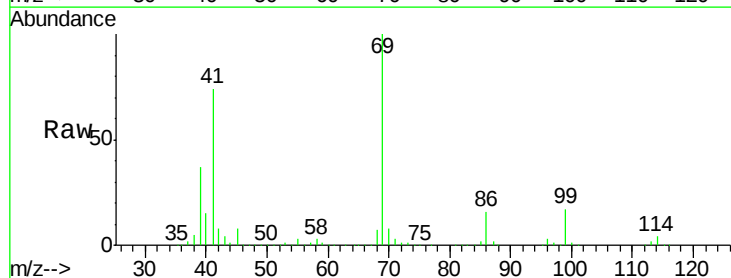
Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0



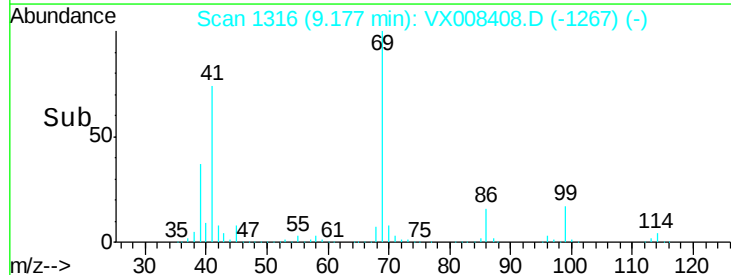
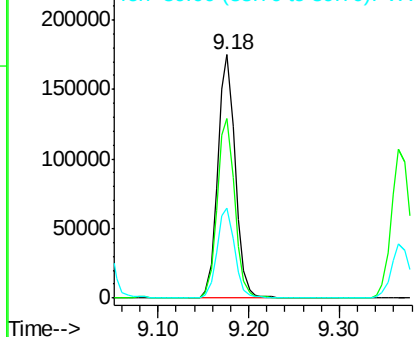
#56
 Ethyl methacrylate
 Concen: 49.646 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

Tgt Ion: 69 Resp: 236539

Ion	Ratio	Lower	Upper
69	100		
41	74.0	59.5	89.3
39	37.3	29.3	43.9



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

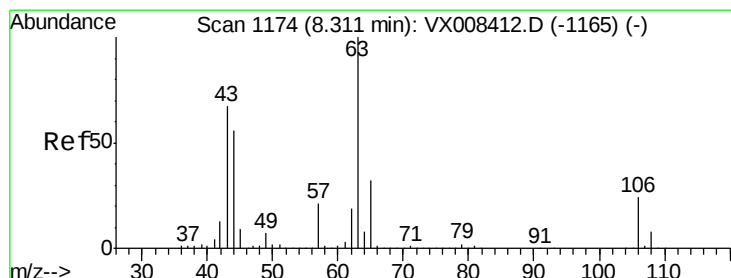
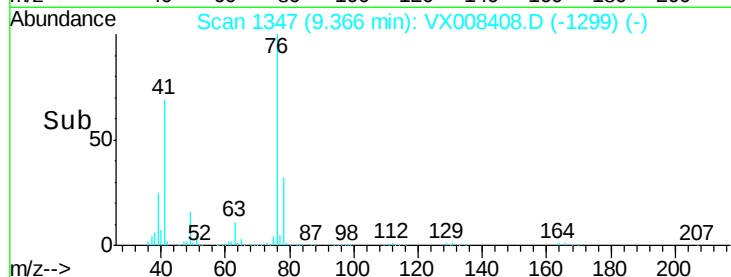
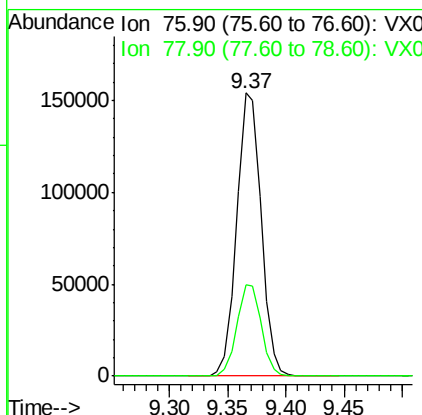
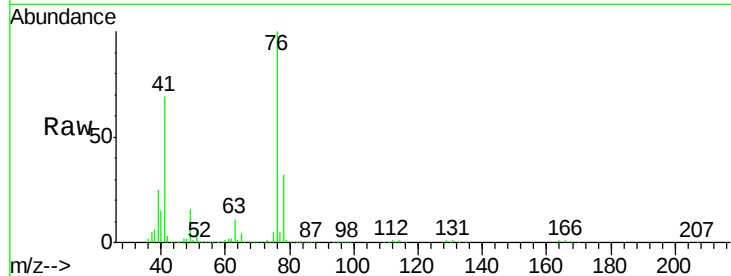




#57
 1,3-Dichloropropane
 Concen: 47.294 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

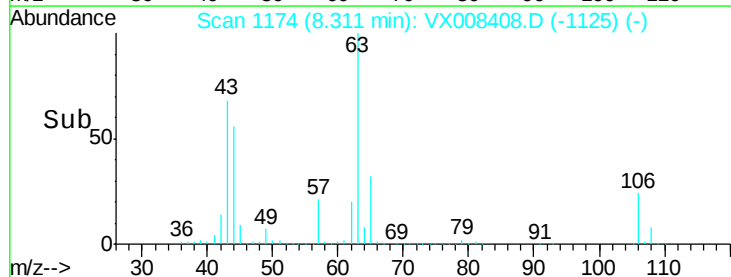
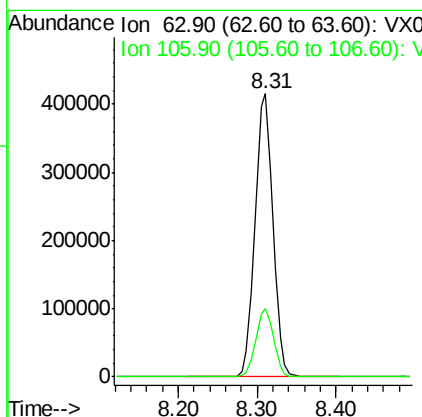
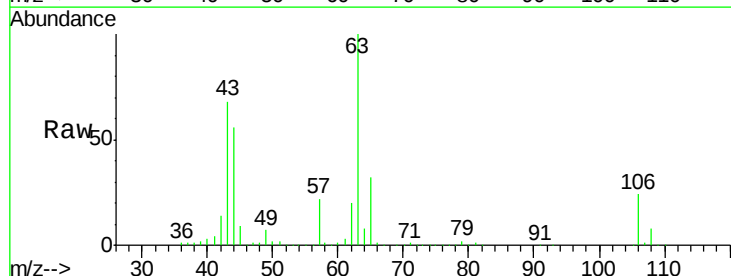
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

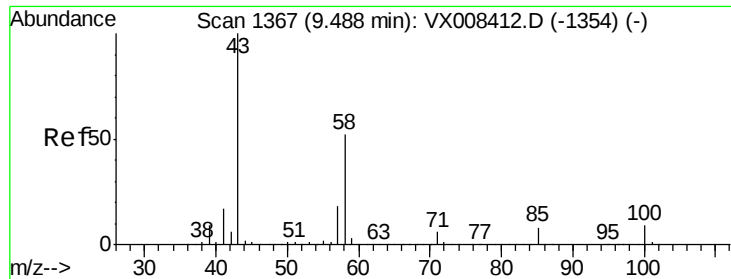
Tot Ion: 76 Resp: 225996
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.803 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

Tgt Ion: 63 Resp: 656209
 Ion Ratio Lower Upper
 63 100
 106 24.0 19.0 28.6

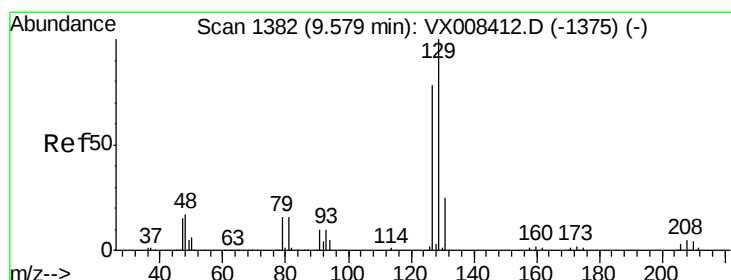
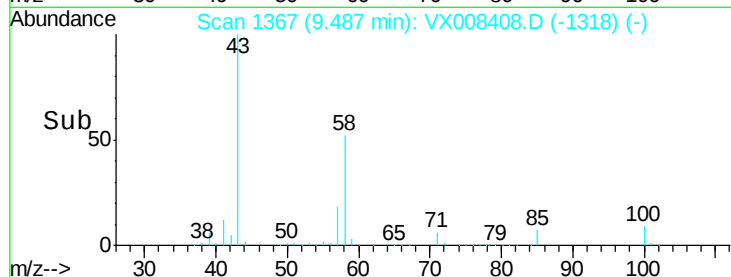
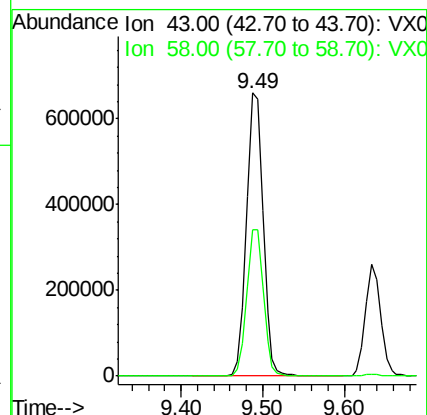
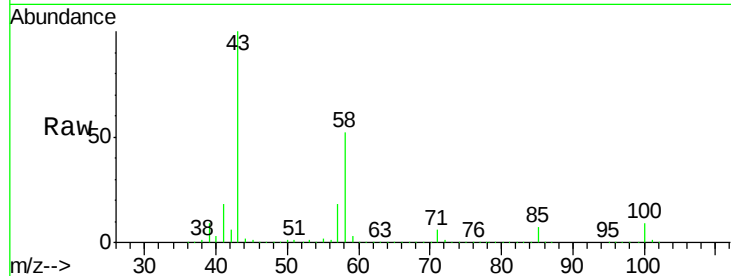




#59
2-Hexanone
Concen: 239.933 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

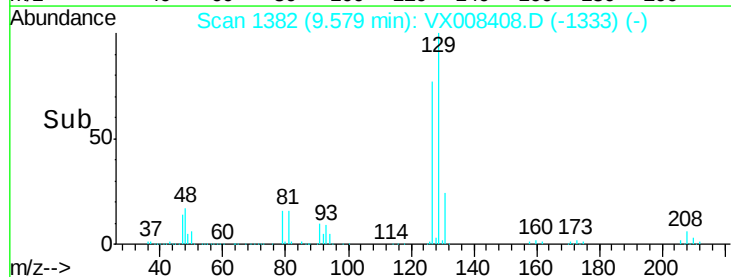
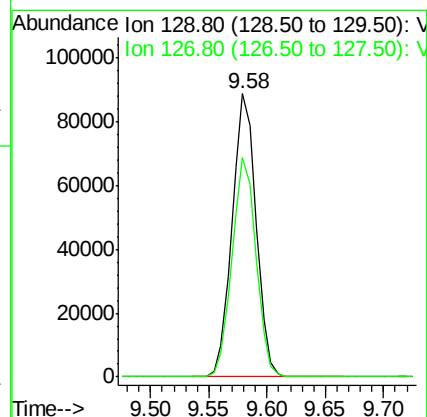
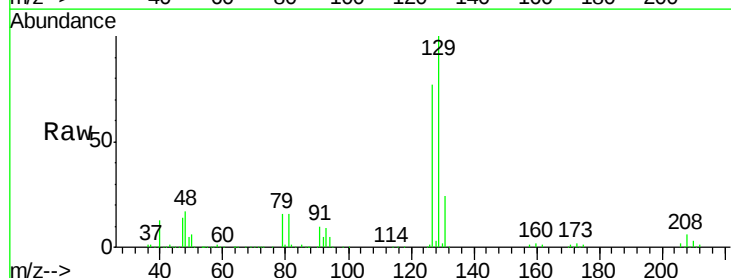
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

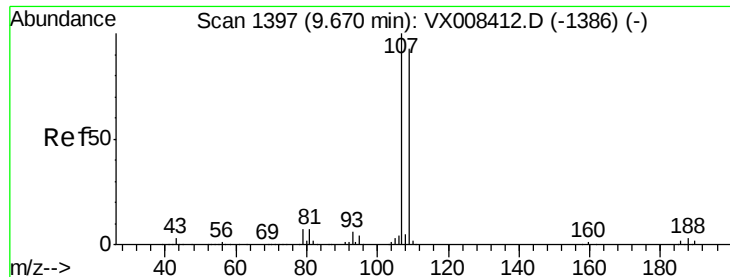
Tot Ion: 43 Resp: 926556
Ion Ratio Lower Upper
43 100
58 52.4 26.3 78.9



#60
Dibromochloromethane
Concen: 50.940 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

Tgt Ion:129 Resp: 127210
Ion Ratio Lower Upper
129 100
127 77.4 38.1 114.3





#61

1,2-Dibromoethane

Concen: 48.008 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

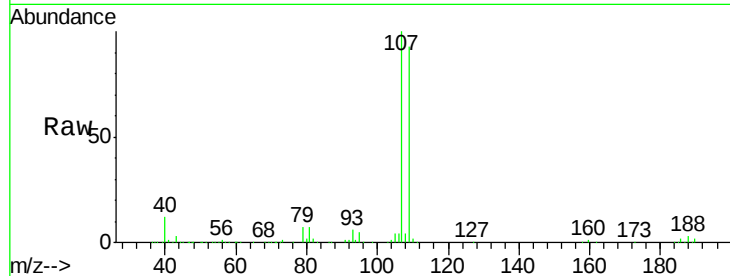
VSTDCCC050

Tot Ion:107 Resp: 130788

Ion Ratio Lower Upper

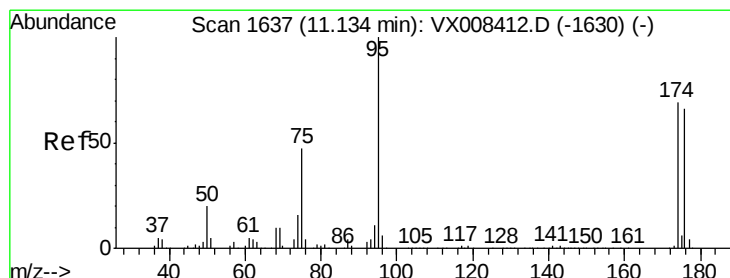
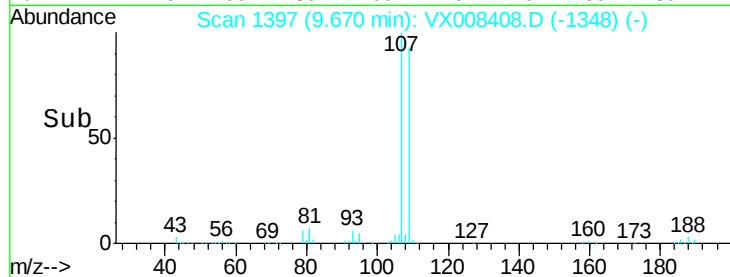
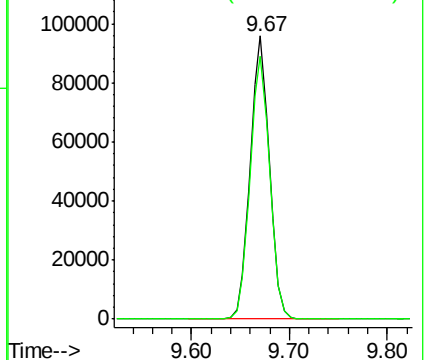
107 100

109 94.8 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.509 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

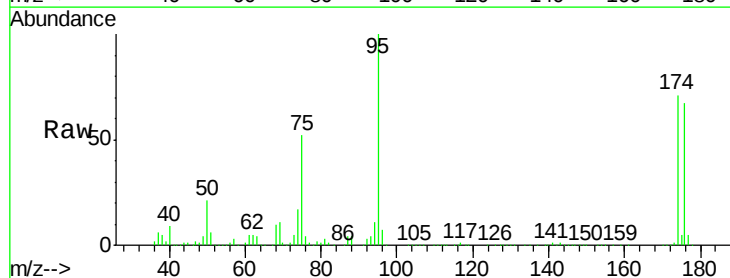
Tgt Ion: 95 Resp: 173182

Ion Ratio Lower Upper

95 100

174 74.5 0.0 147.2

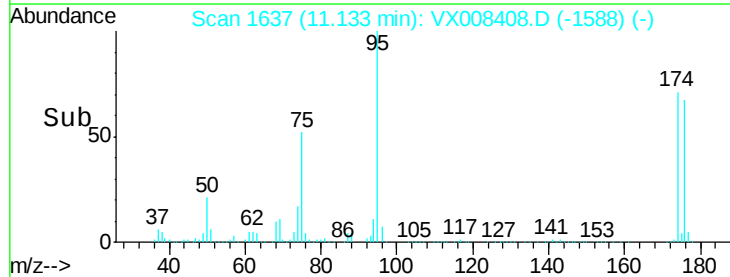
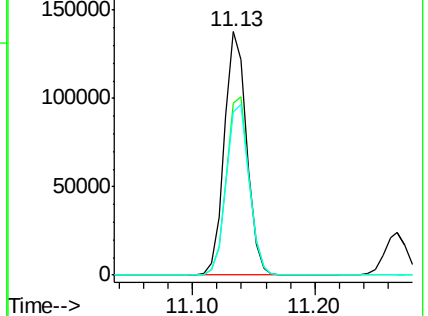
176 71.8 0.0 142.4

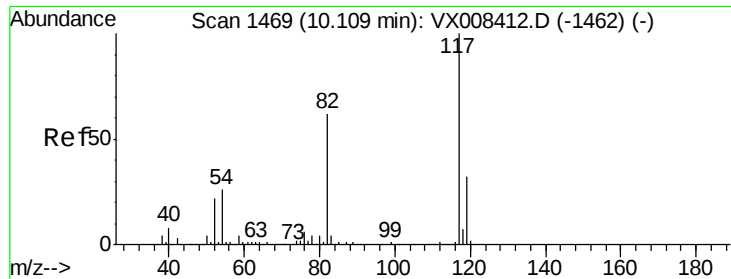


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

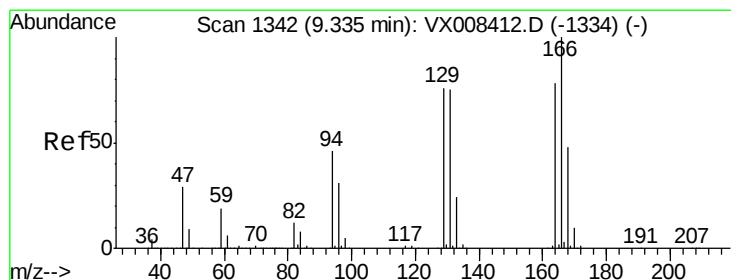
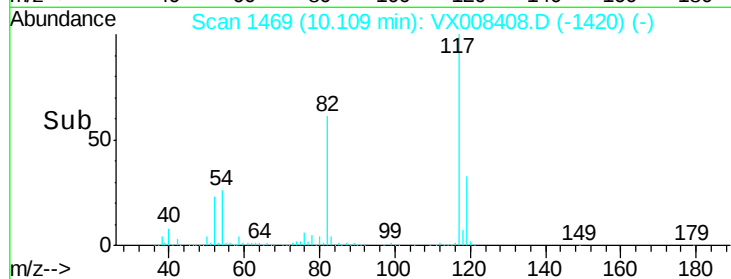
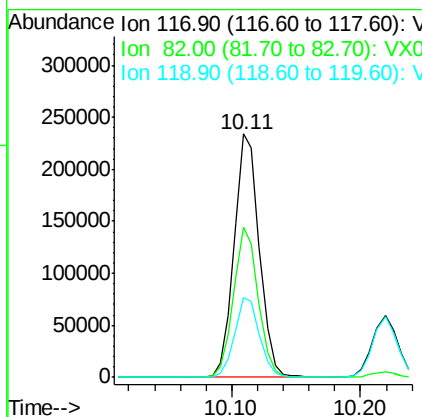
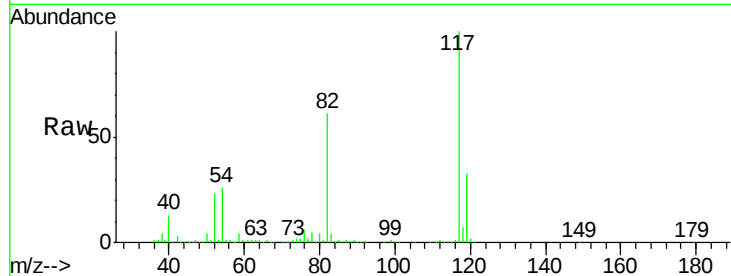




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

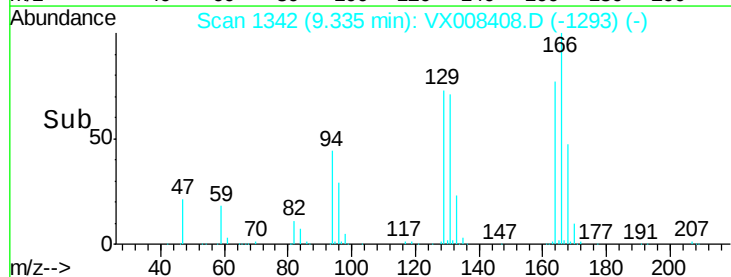
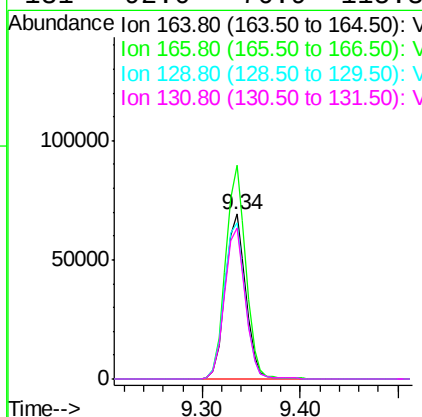
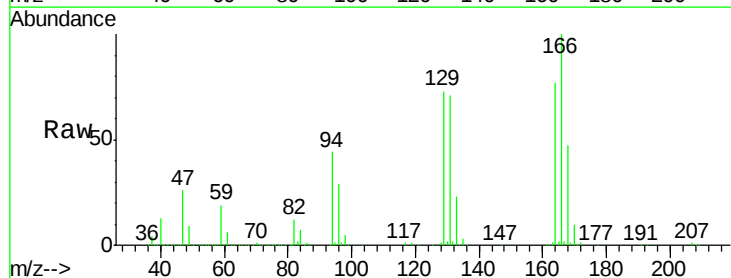
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

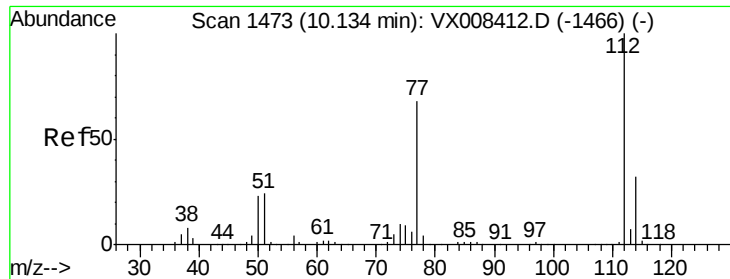
Tot Ion:117 Resp: 319166
Ion Ratio Lower Upper
117 100
82 61.4 49.4 74.2
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 48.184 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

Tgt Ion:164 Resp: 100640
Ion Ratio Lower Upper
164 100
166 129.6 102.5 153.7
129 94.6 77.8 116.8
131 92.0 76.9 115.3





#65

Chlorobenzene

Concen: 48.439 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

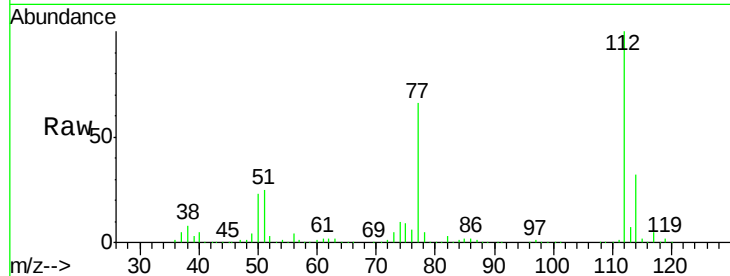
VSTDCCC050

Tot Ion:112 Resp: 325101

Ion Ratio Lower Upper

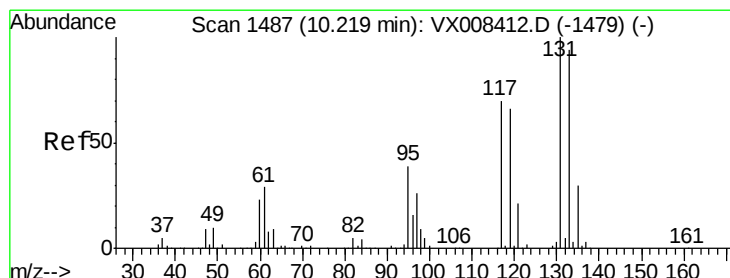
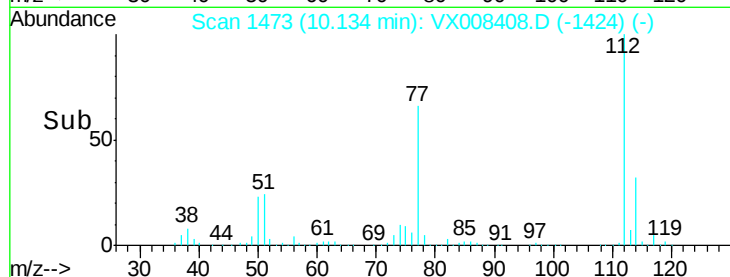
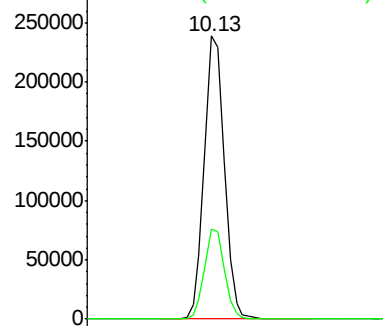
112 100

114 31.8 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.047 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

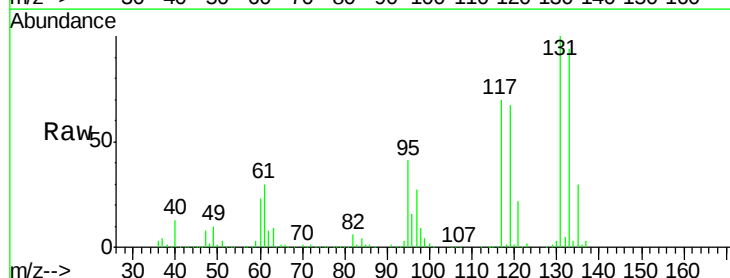
Tgt Ion:131 Resp: 114227

Ion Ratio Lower Upper

131 100

133 94.4 47.3 141.8

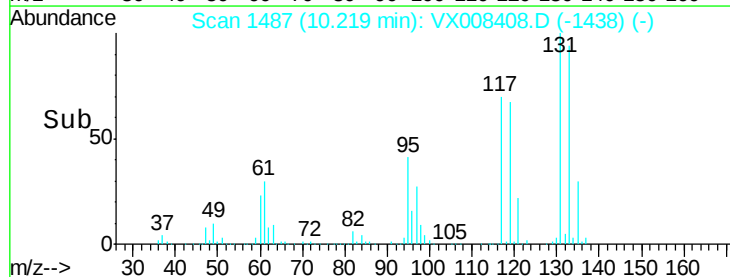
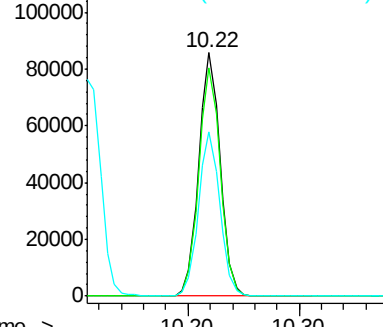
119 67.3 33.6 100.6

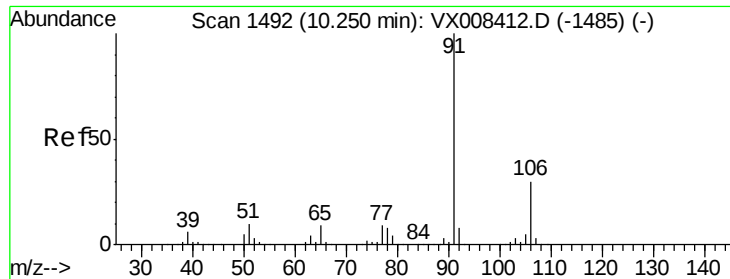


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.300 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

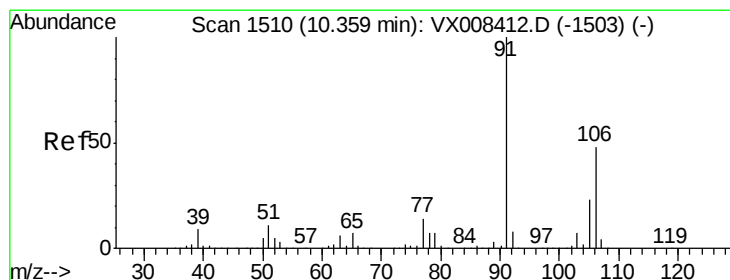
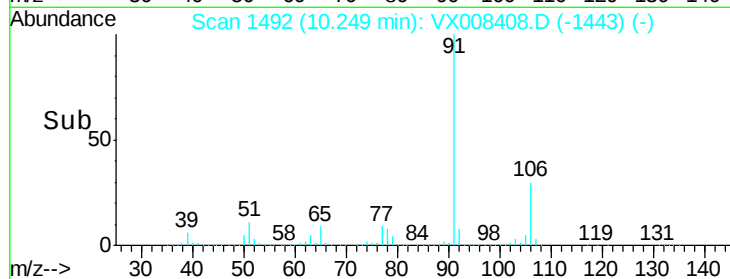
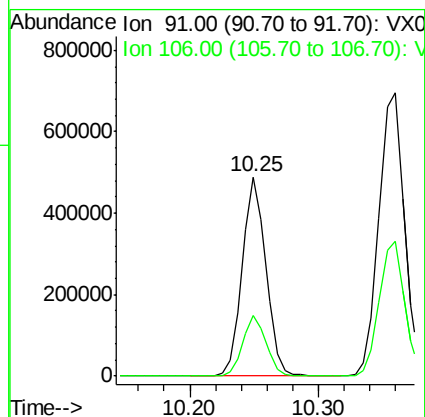
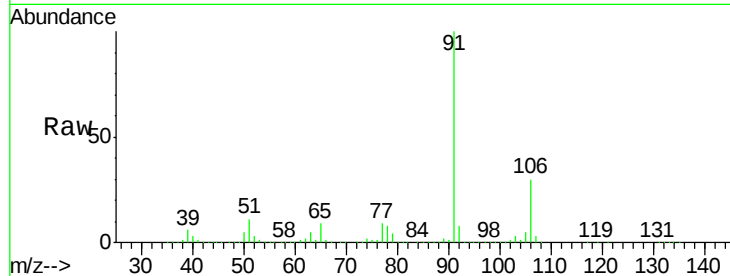
VSTDCCC050

Tot Ion: 91 Resp: 620816

Ion Ratio Lower Upper

91 100

106 30.3 24.0 36.0



#68

m/p-Xylenes

Concen: 99.530 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008408.D

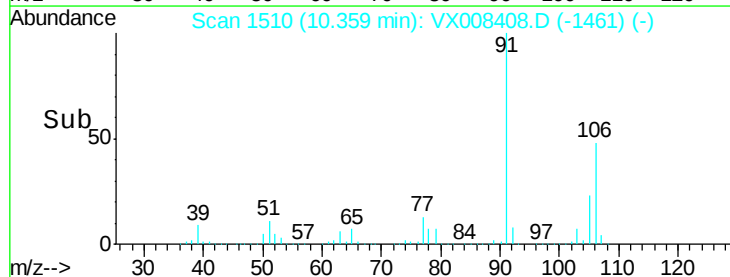
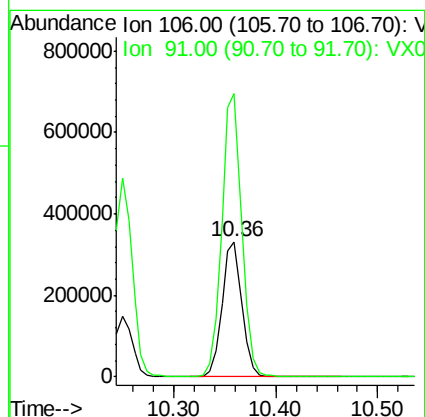
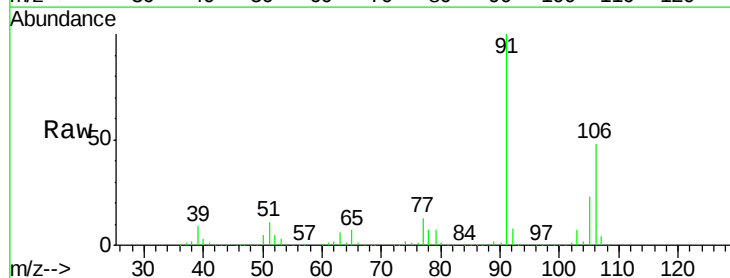
Acq: 25 Mar 2019 13:07

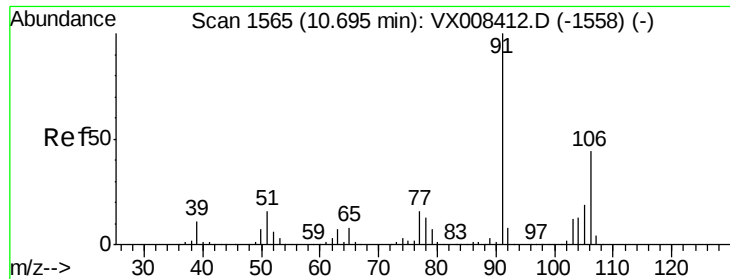
Tgt Ion: 106 Resp: 450298

Ion Ratio Lower Upper

106 100

91 211.5 168.6 253.0

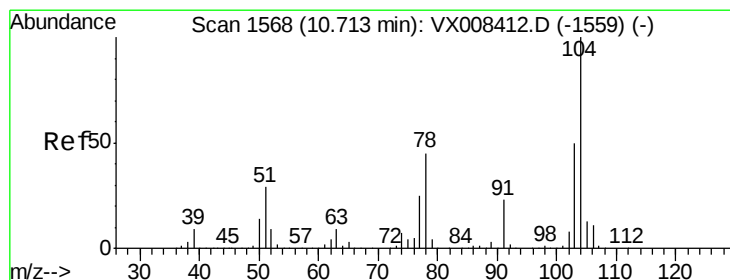
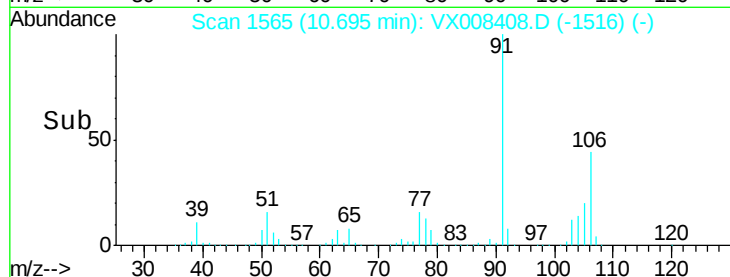
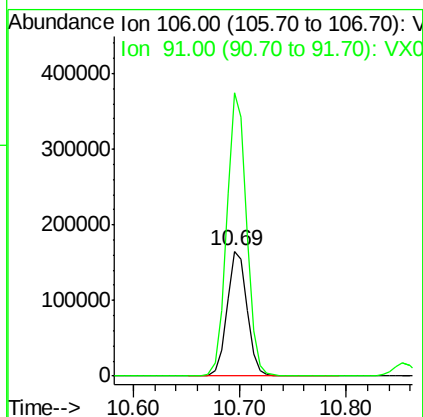
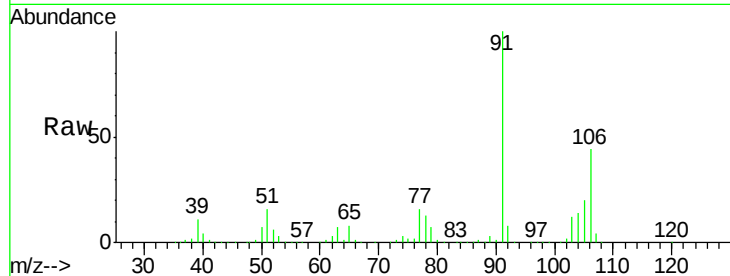




#69
o-Xylene
Concen: 49.033 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

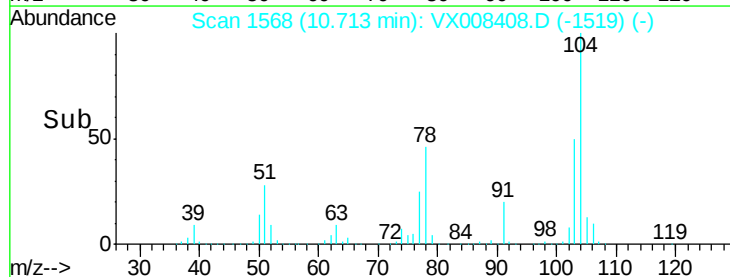
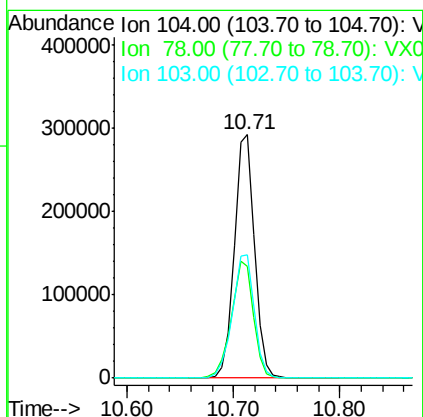
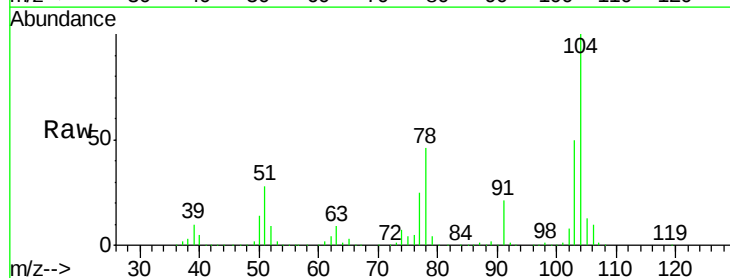
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 216937
Ion Ratio Lower Upper
106 100
91 225.0 111.4 334.2



#70
Styrene
Concen: 50.664 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

Tgt Ion:104 Resp: 388854
Ion Ratio Lower Upper
104 100
78 52.5 42.5 63.7
103 55.4 44.2 66.4





#71

Bromoform

Concen: 51.121 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

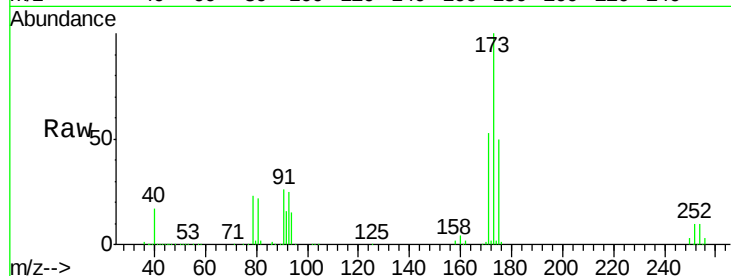
Tot Ion:173 Resp: 92298

Ion Ratio Lower Upper

173 100

175 49.4 24.3 72.8

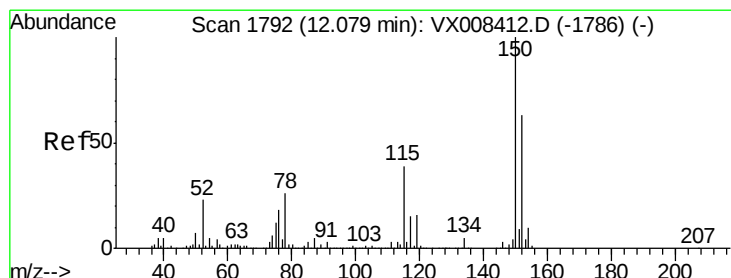
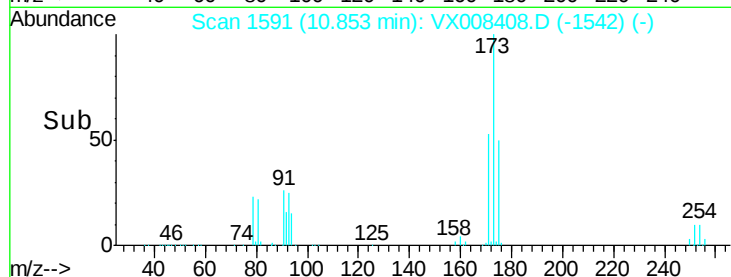
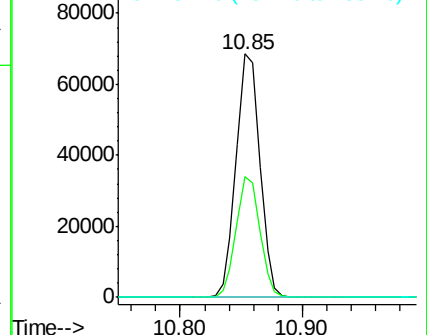
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

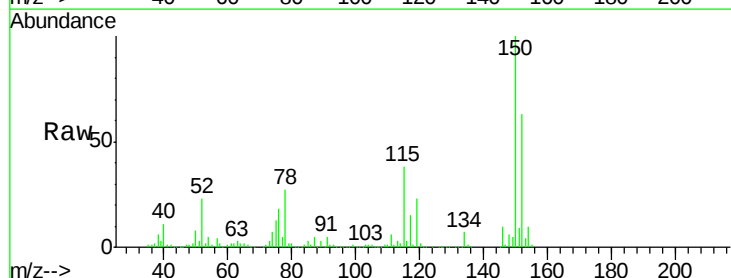
Tgt Ion:152 Resp: 159191

Ion Ratio Lower Upper

152 100

115 85.8 43.5 130.5

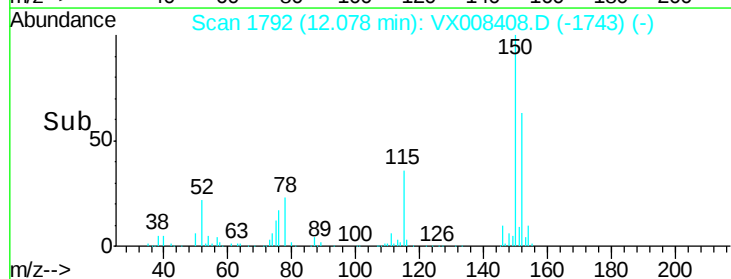
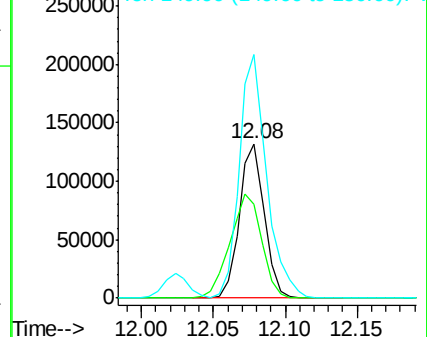
150 174.1 0.0 348.8

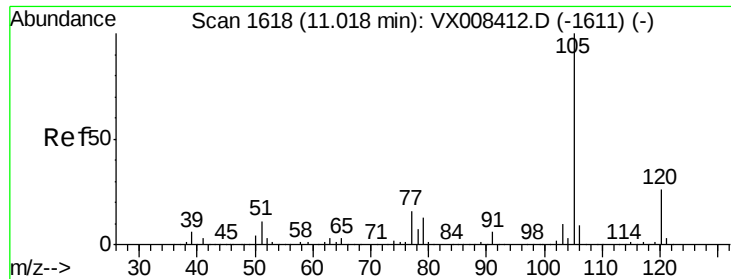


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

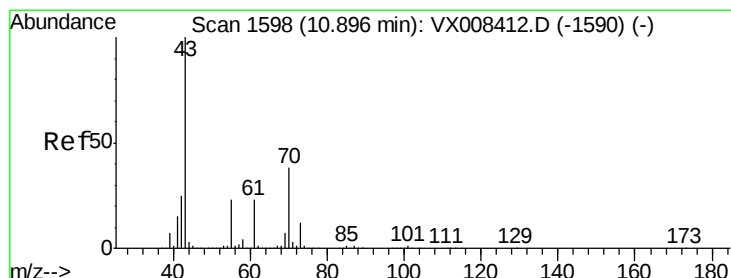
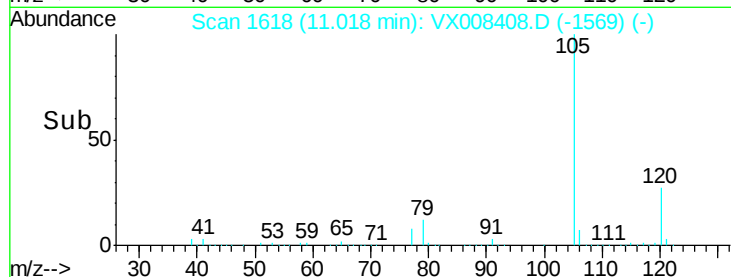
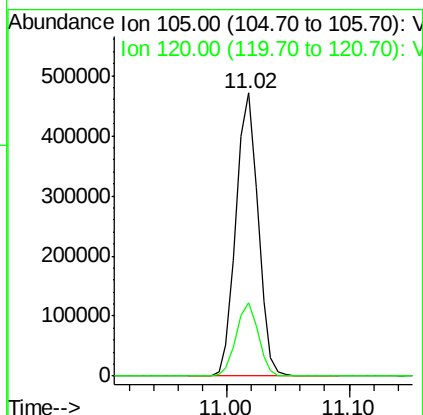
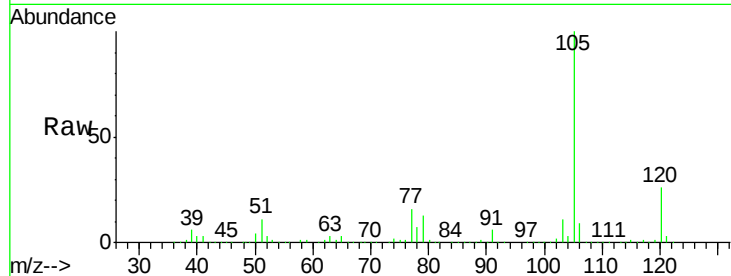




#73
Isopropylbenzene
Concen: 46.646 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

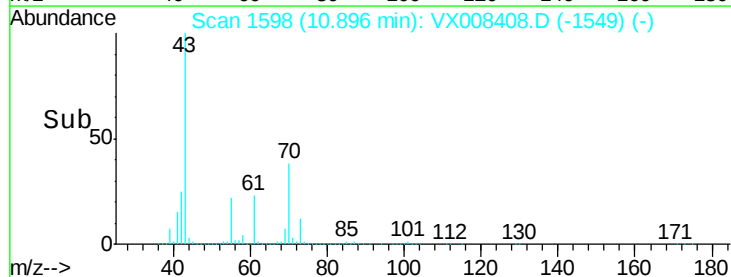
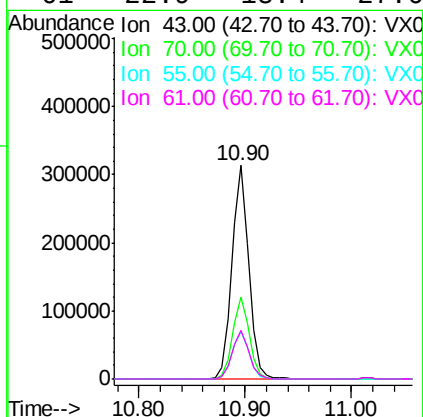
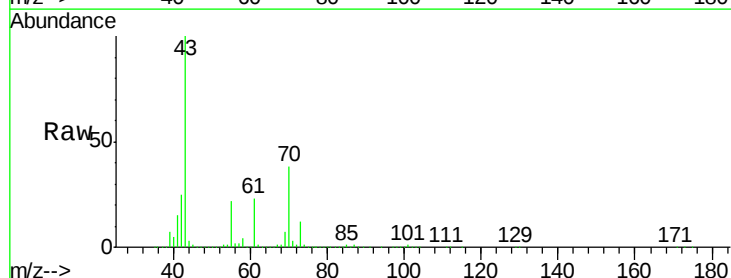
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

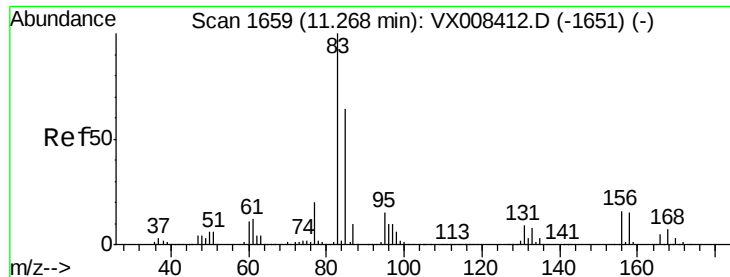
Tot Ion: 105 Resp: 586133
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.7



#74
N-ethyl acetate
Concen: 47.374 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

Tgt Ion: 43 Resp: 348514
Ion Ratio Lower Upper
43 100
70 38.1 30.5 45.7
55 22.6 18.2 27.2
61 22.9 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.293 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

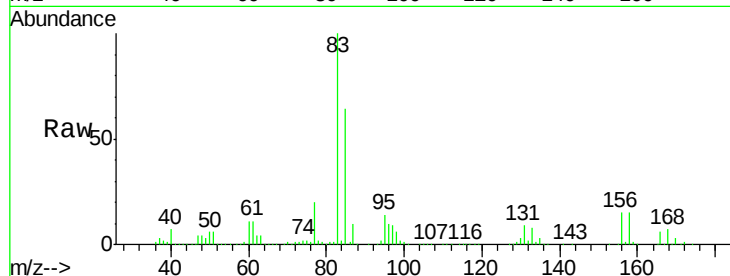
Tot Ion: 83 Resp: 221163

Ion Ratio Lower Upper

83 100

131 9.0 4.5 13.4

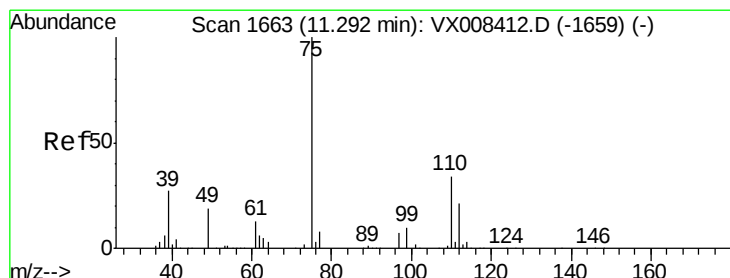
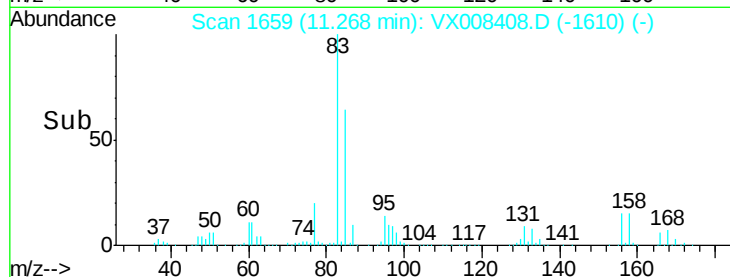
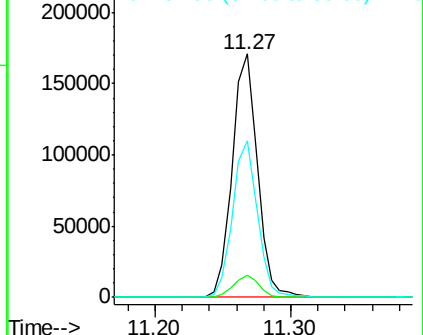
85 63.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.391 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008408.D

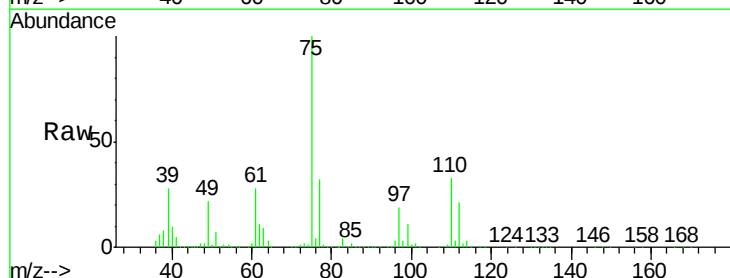
Acq: 25 Mar 2019 13:07

Tgt Ion: 75 Resp: 251767

Ion Ratio Lower Upper

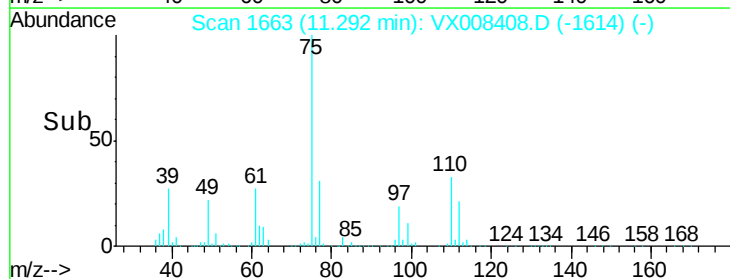
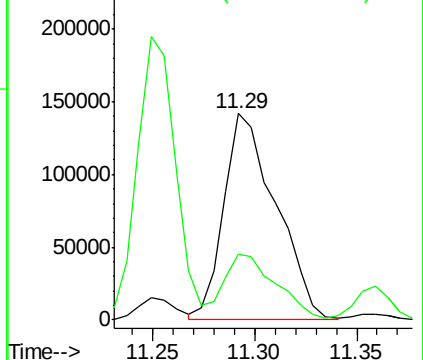
75 100

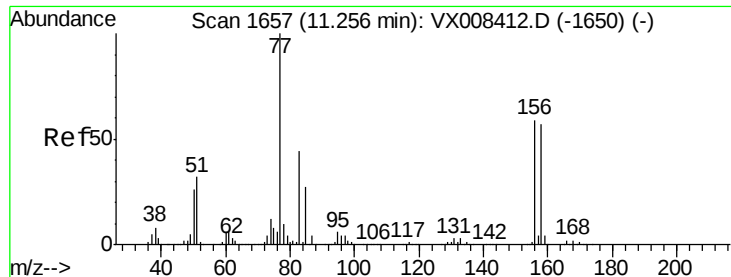
77 32.1 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.315 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

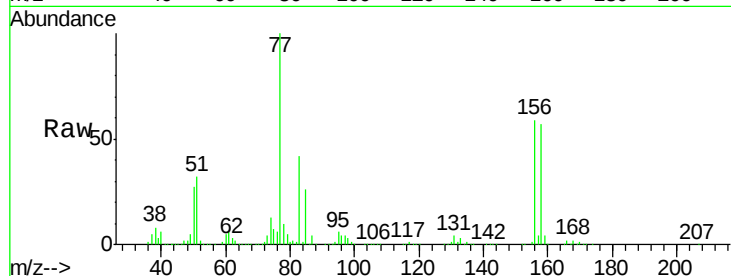
Tot Ion:156 Resp: 138196

Ion Ratio Lower Upper

156 100

77 182.9 91.1 273.3

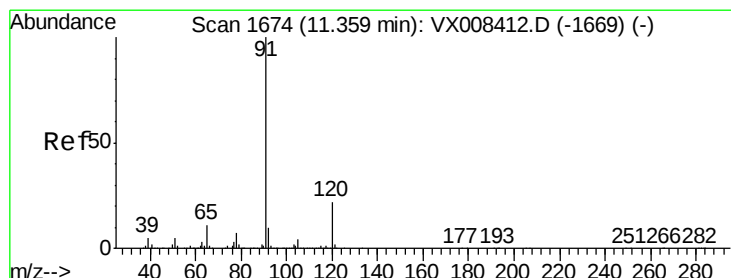
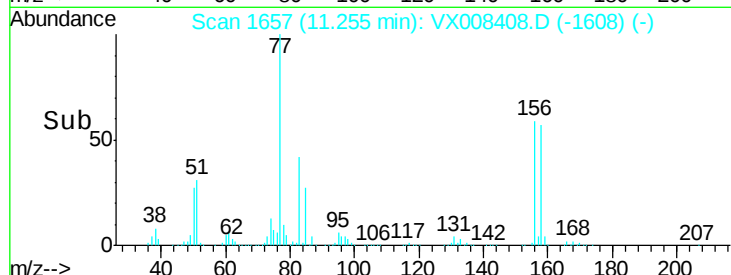
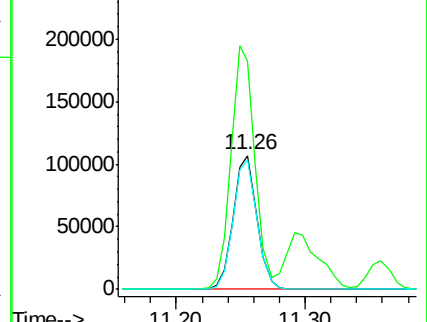
158 97.5 48.3 144.8



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: 48.112 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008408.D

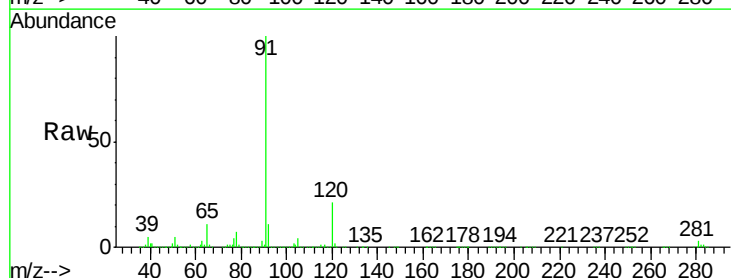
Acq: 25 Mar 2019 13:07

Tgt Ion: 91 Resp: 708056

Ion Ratio Lower Upper

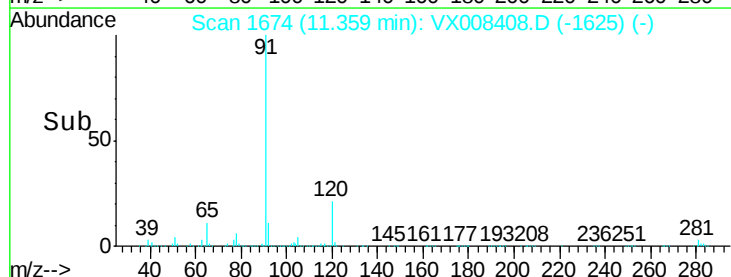
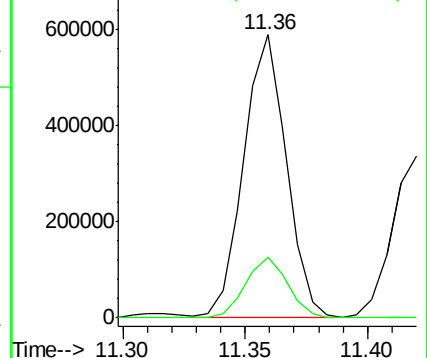
91 100

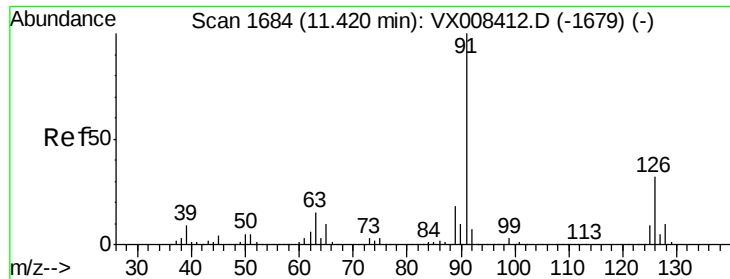
120 21.4 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

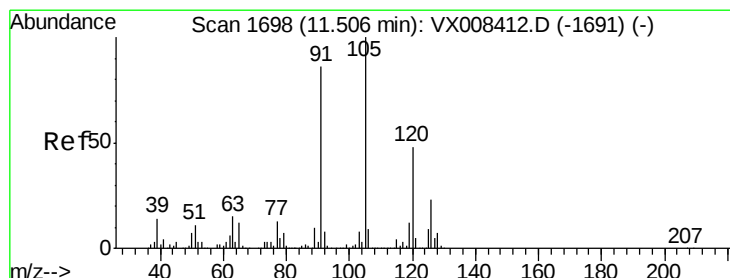
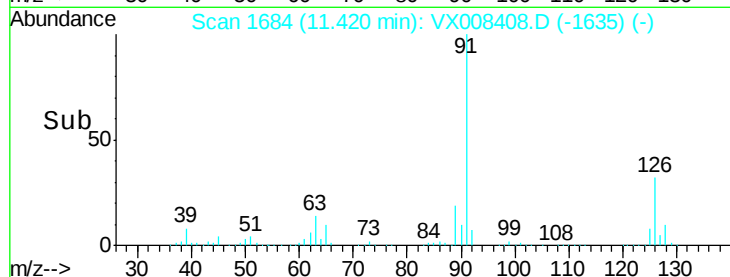
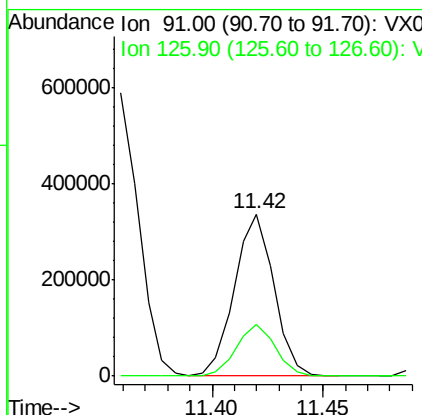
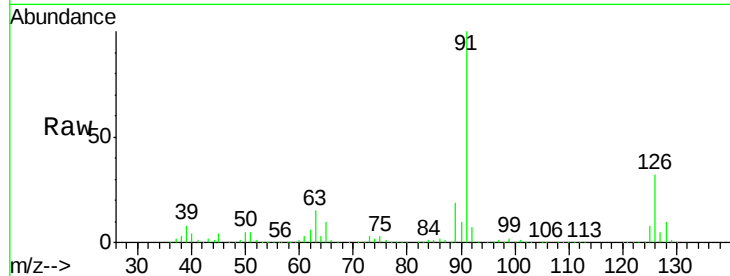




#79
 2-Chlorotoluene
 Concen: 46.114 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

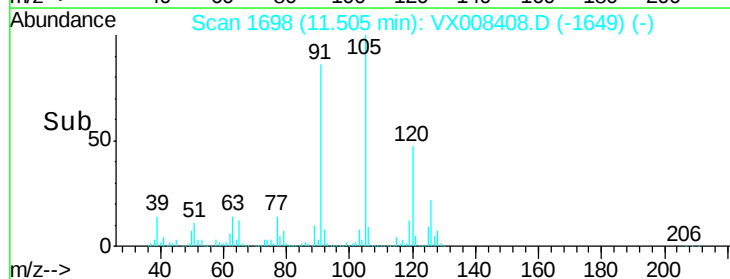
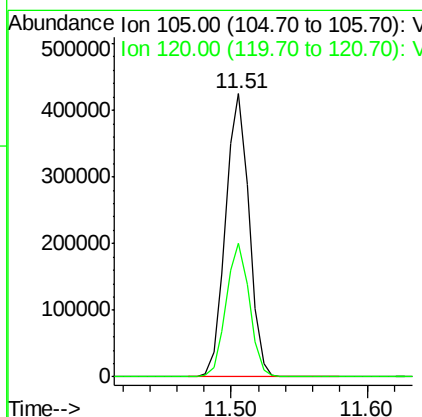
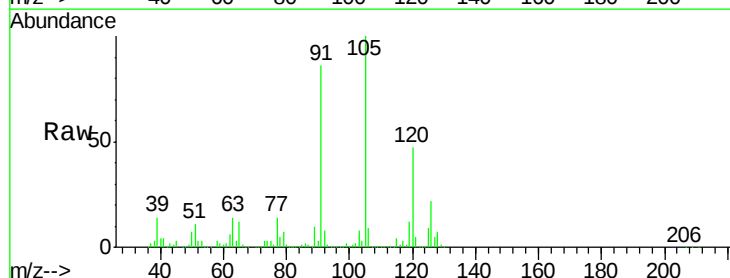
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

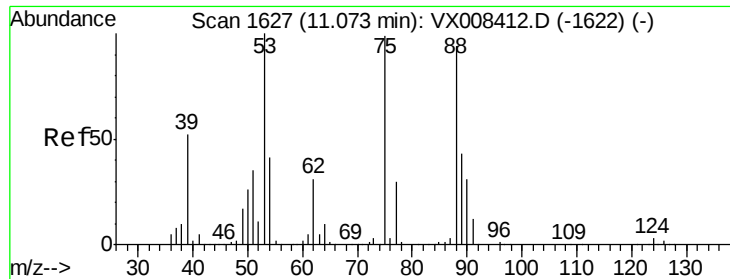
Tot Ion: 91 Resp: 414623
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 47.516 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

Tgt Ion: 105 Resp: 508078
 Ion Ratio Lower Upper
 105 100
 120 47.0 23.4 70.3





#81

trans-1,4-Dichloro-2-butene

Concen: 49.226 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

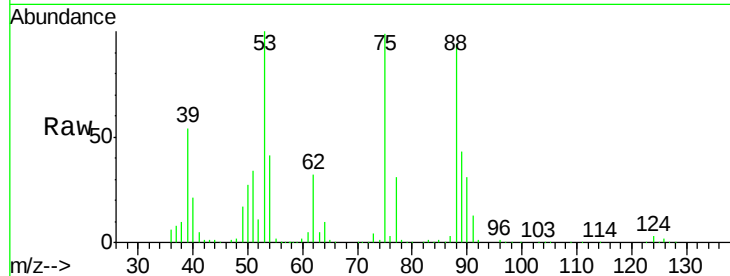
Tot Ion: 75 Resp: 71816

Ion Ratio Lower Upper

75 100

53 103.8 82.1 123.1

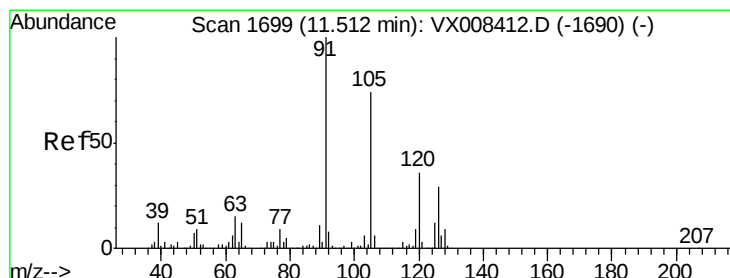
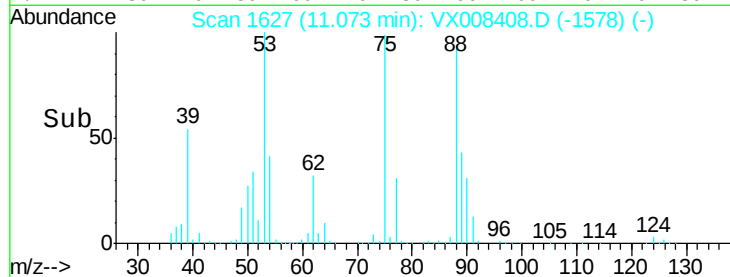
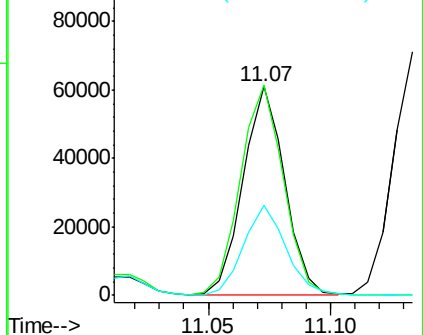
89 44.7 34.6 52.0



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: 47.067 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008408.D

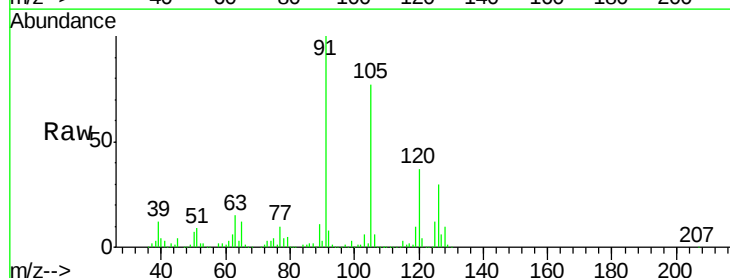
Acq: 25 Mar 2019 13:07

Tgt Ion: 91 Resp: 486758

Ion Ratio Lower Upper

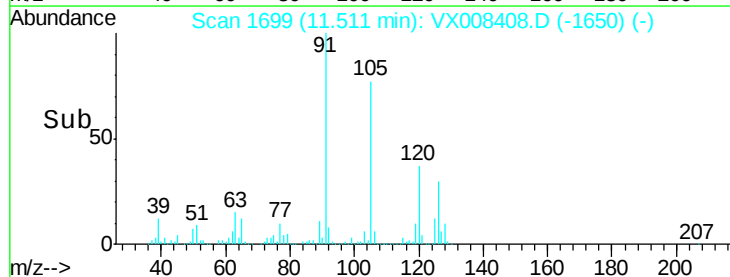
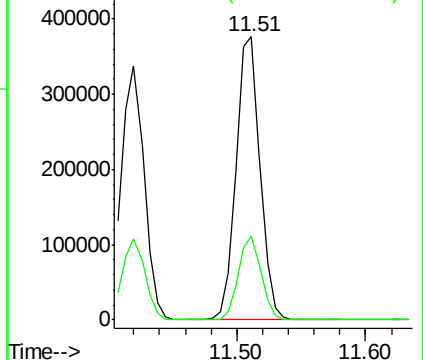
91 100

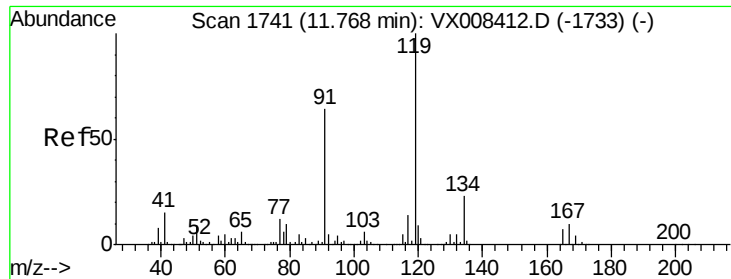
126 28.2 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

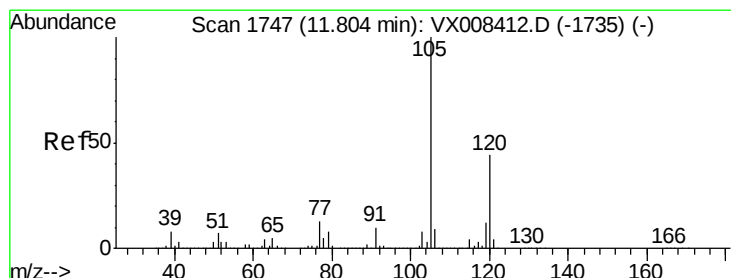
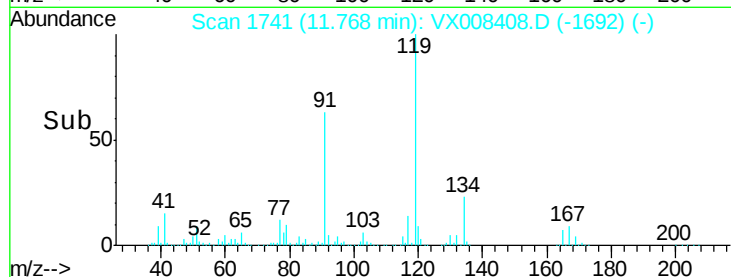
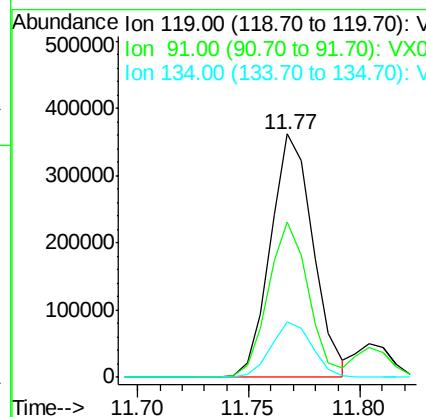
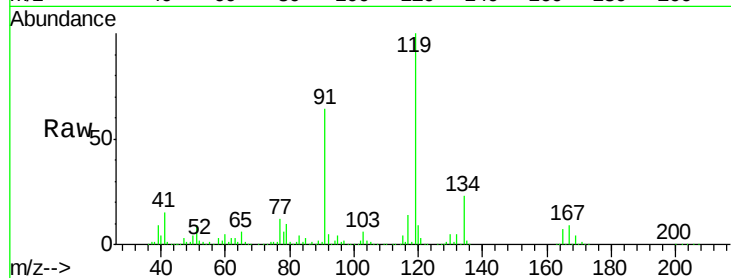




#83
tert-Butylbenzene
Concen: 47.203 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

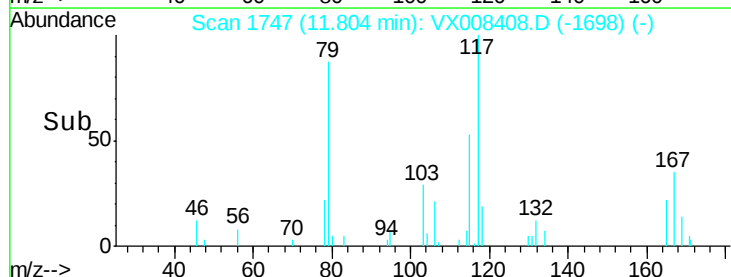
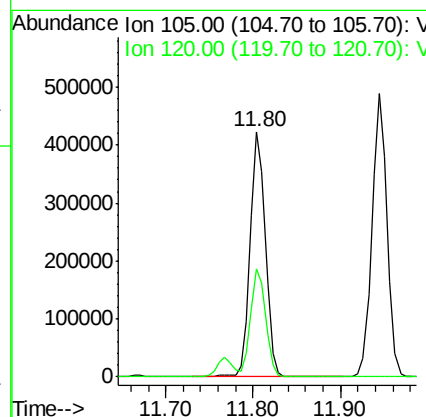
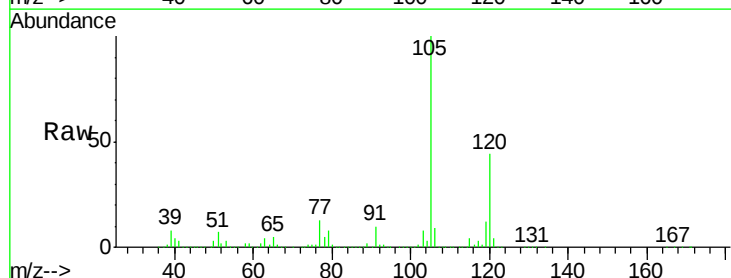
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

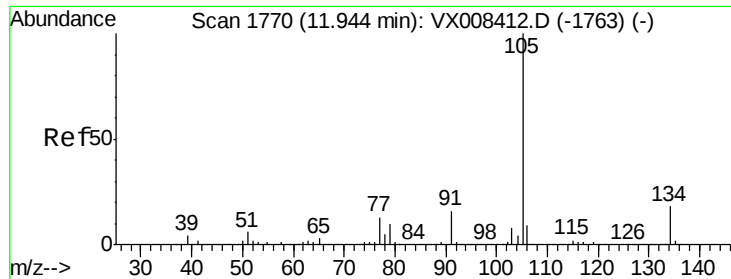
Tot Ion:119 Resp: 479403
Ion Ratio Lower Upper
119 100
91 60.5 30.1 90.3
134 22.0 10.9 32.9



#84
1,2,4-Trimethylbenzene
Concen: 47.605 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

Tgt Ion:105 Resp: 508623
Ion Ratio Lower Upper
105 100
120 43.4 21.6 65.0

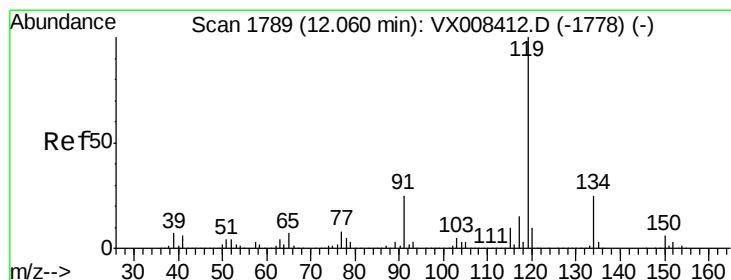
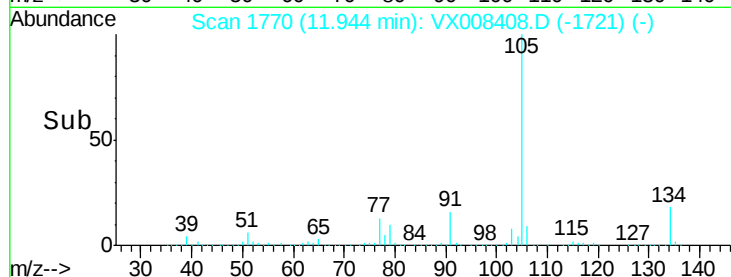
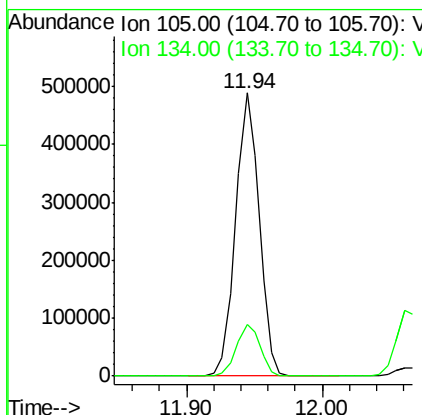
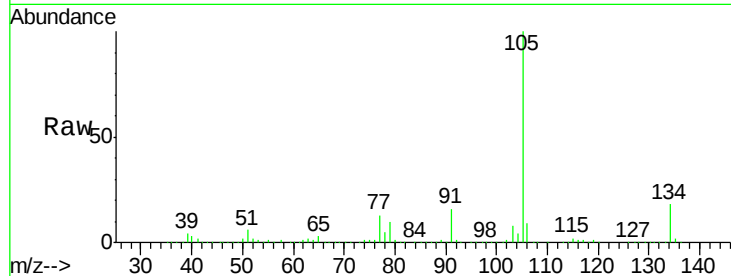




#85
 sec-Butylbenzene
 Concen: 48.197 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

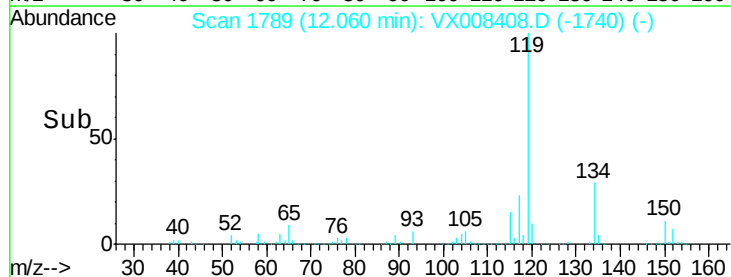
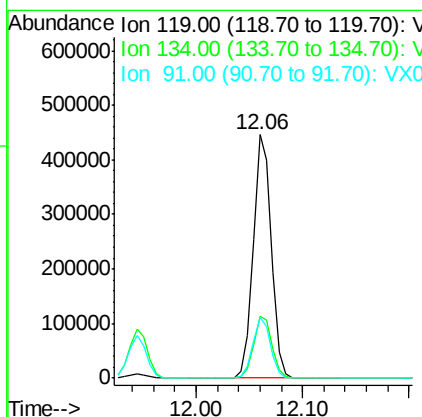
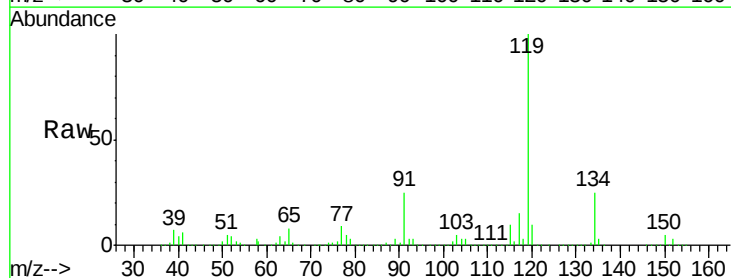
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

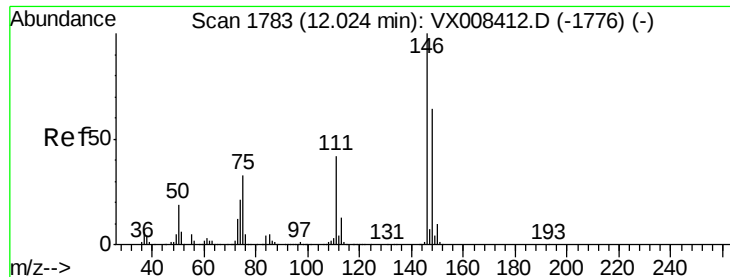
Tot Ion:105 Resp: 588776
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 49.194 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

Tgt Ion:119 Resp: 529674
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.4
 91 24.6 12.4 37.0

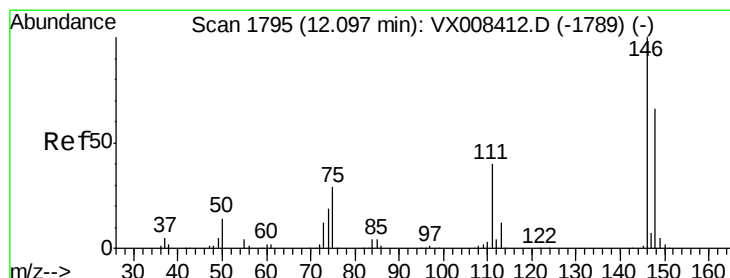
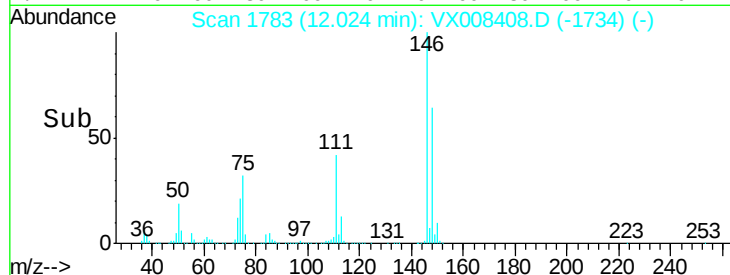
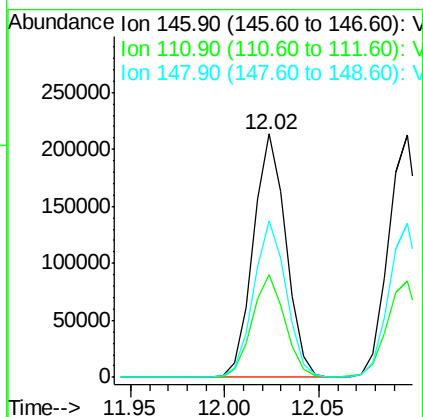
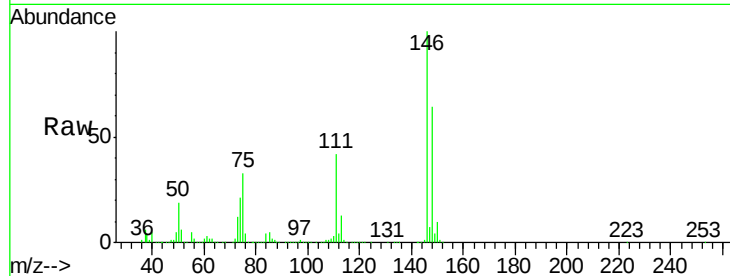




#87
 1,3-Dichlorobenzene
 Concen: 48.003 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

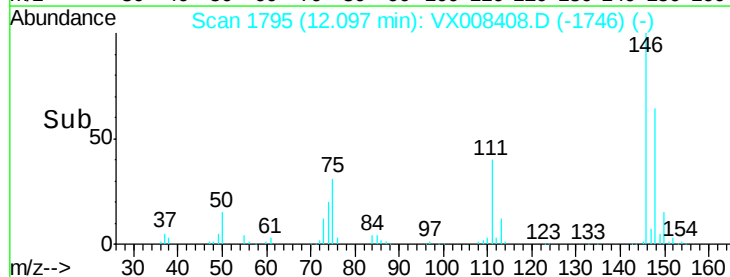
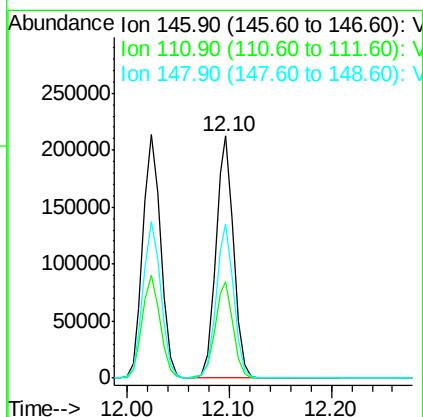
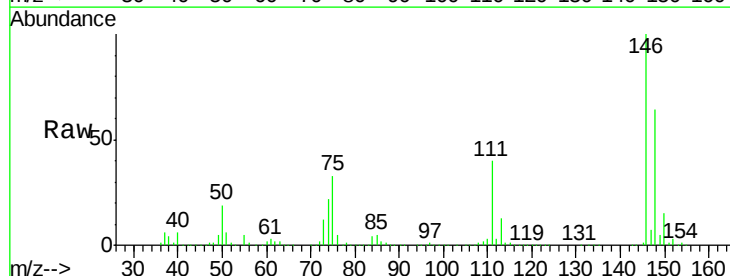
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

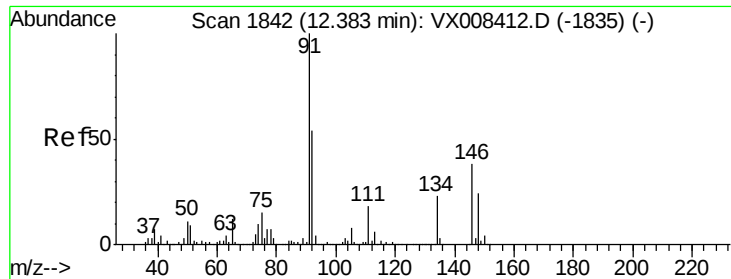
Tot Ion:146 Resp: 257019
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.8 62.5
 148 64.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 47.692 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

Tgt Ion:146 Resp: 260183
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.3 61.0
 148 63.1 32.1 96.5

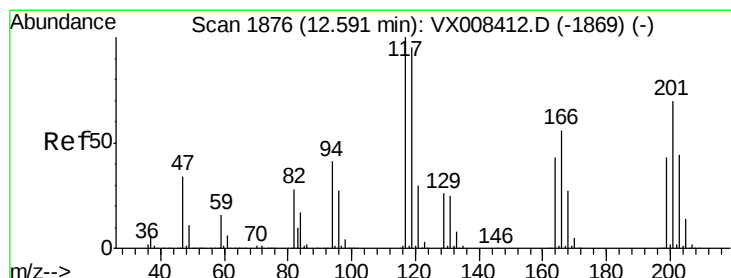
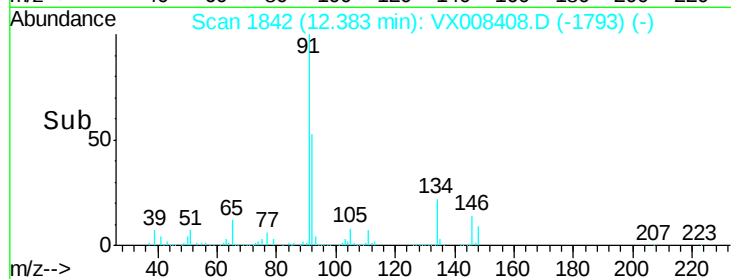
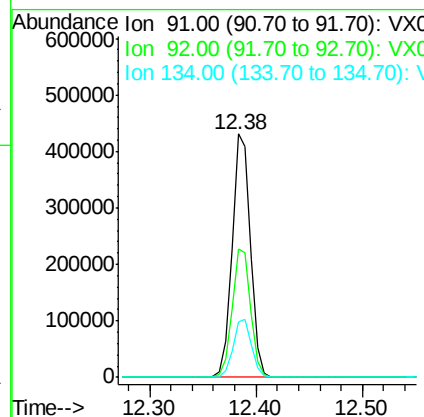
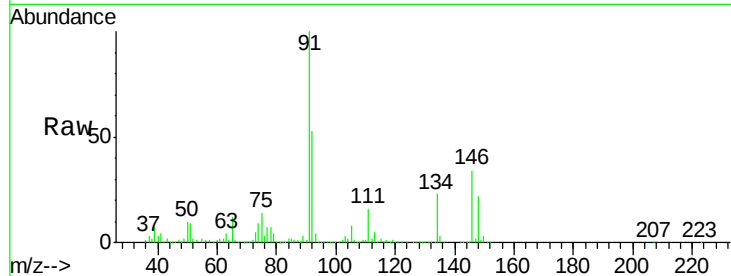




#89
n-Butylbenzene
Concen: 50.410 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

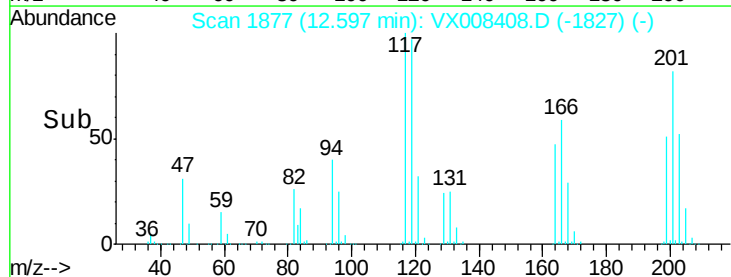
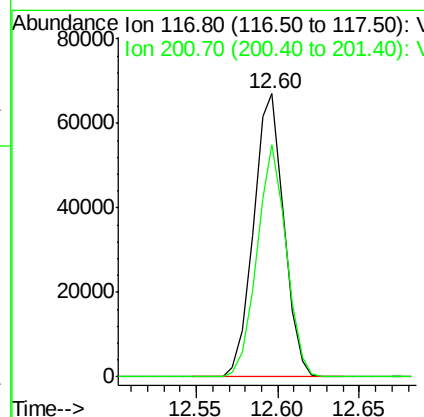
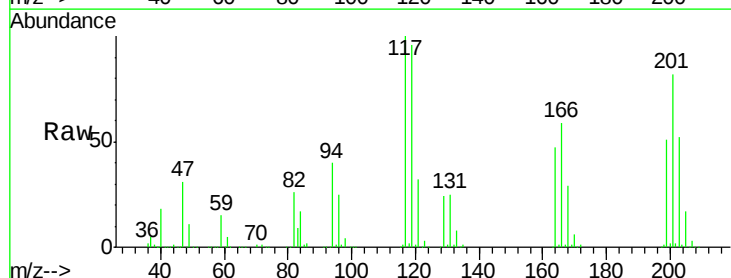
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

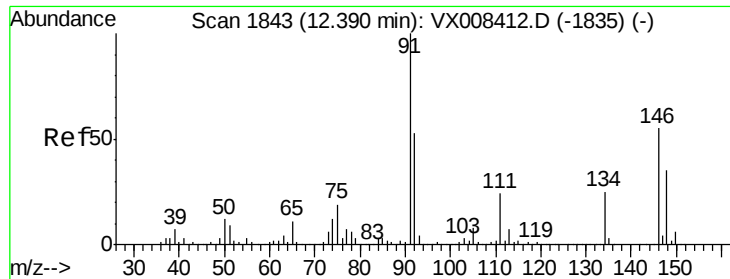
Tot Ion: 91 Resp: 517688
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 23.7 11.8 35.4



#90
Hexachloroethane
Concen: 48.755 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008408.D
Acq: 25 Mar 2019 13:07

Tgt Ion: 117 Resp: 86890
Ion Ratio Lower Upper
117 100
201 78.9 39.4 118.1

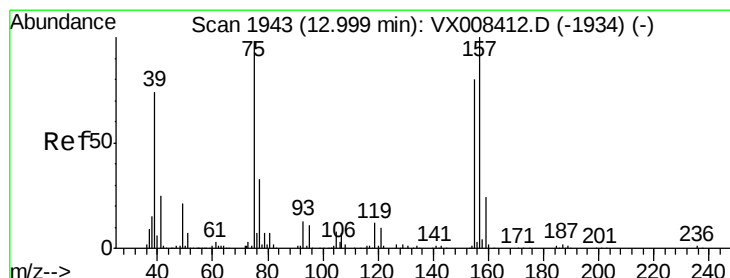
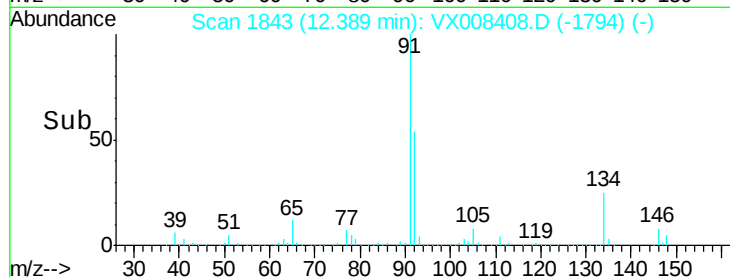
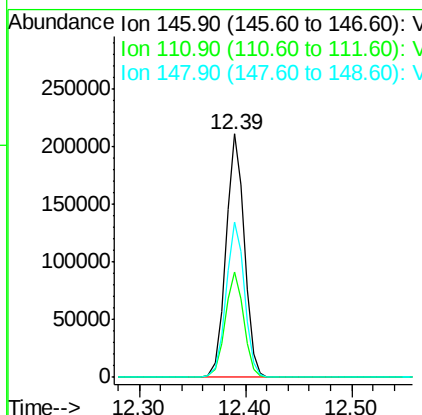
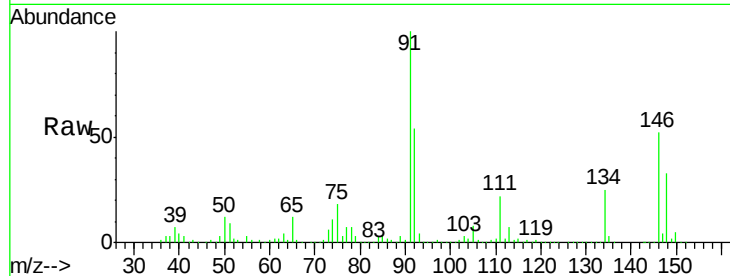




#91
 1,2-Dichlorobenzene
 Concen: 46.921 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

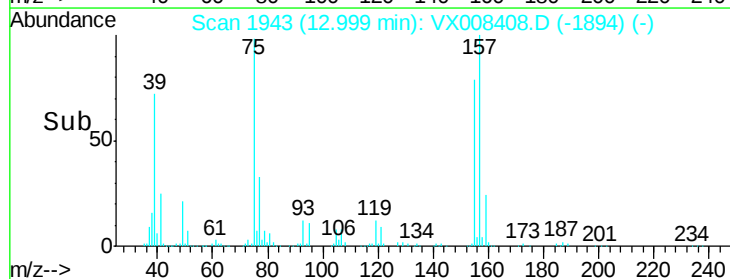
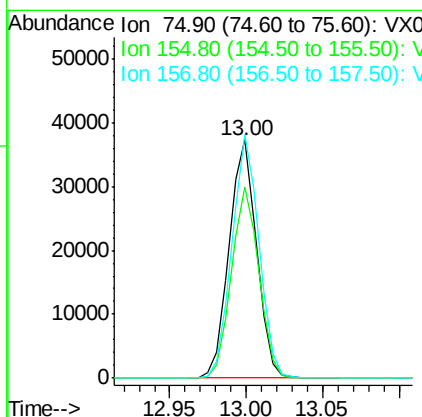
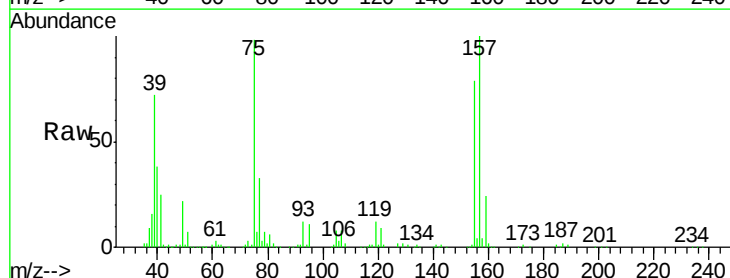
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

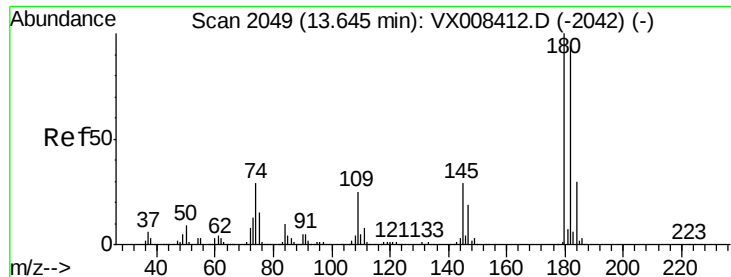
Tot Ion:146 Resp: 255052
 Ion Ratio Lower Upper
 146 100
 111 43.5 21.6 64.6
 148 64.1 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.601 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

Tgt Ion: 75 Resp: 46322
 Ion Ratio Lower Upper
 75 100
 155 80.2 39.5 118.5
 157 100.5 49.9 149.7

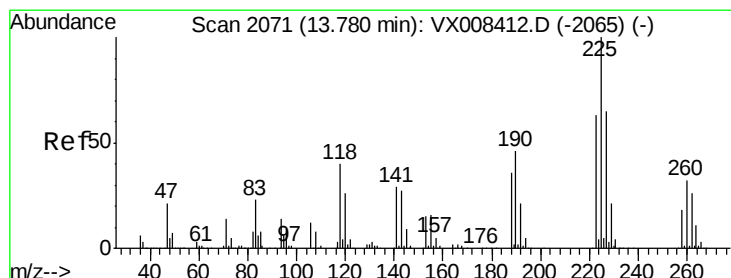
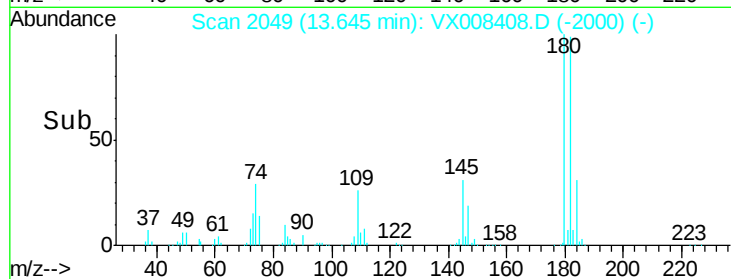
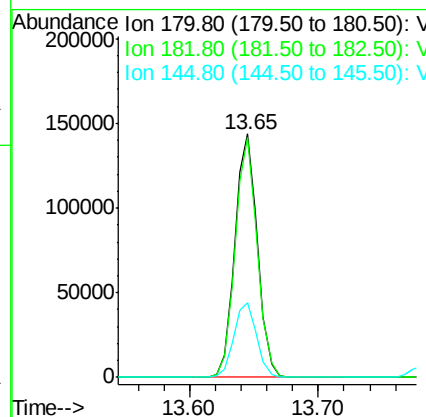
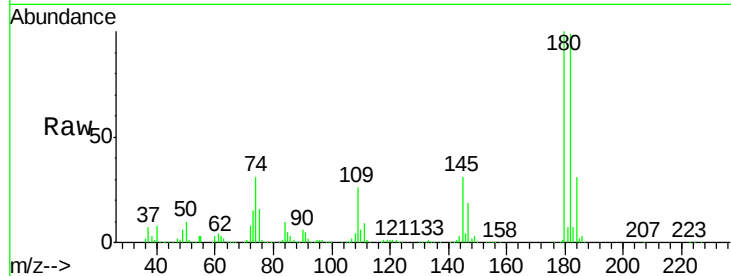




#93
 1,2,4-Trichlorobenzene
 Concen: 47.850 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

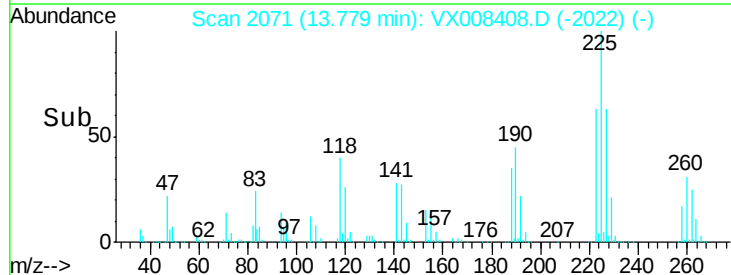
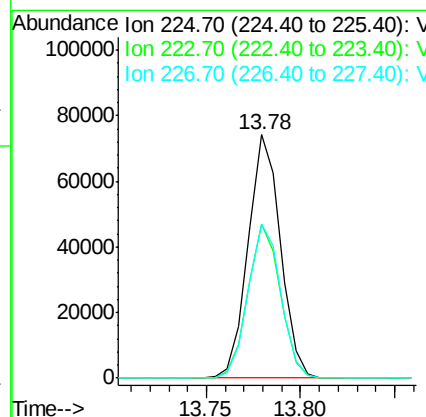
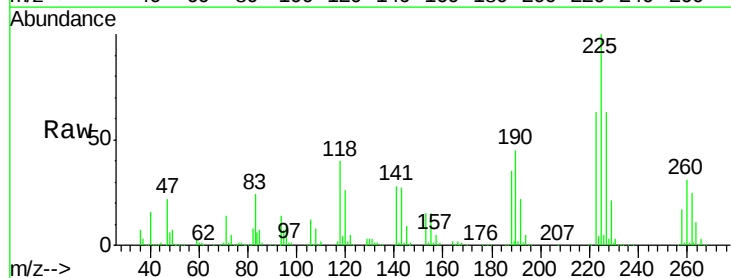
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

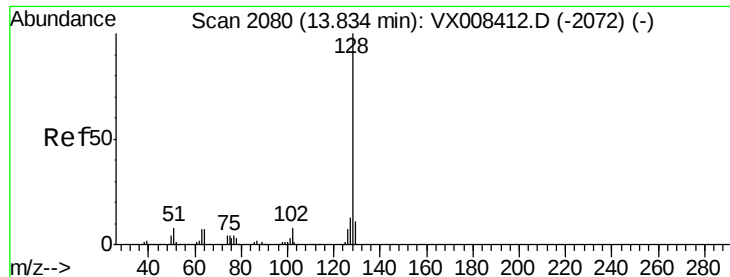
Tot Ion:180 Resp: 175804
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.3 142.0
 145 31.1 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 50.757 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008408.D
 Acq: 25 Mar 2019 13:07

Tgt Ion:225 Resp: 88042
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.4 94.0
 227 64.1 31.9 95.9





#95

Naphthalene

Concen: 45.941 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

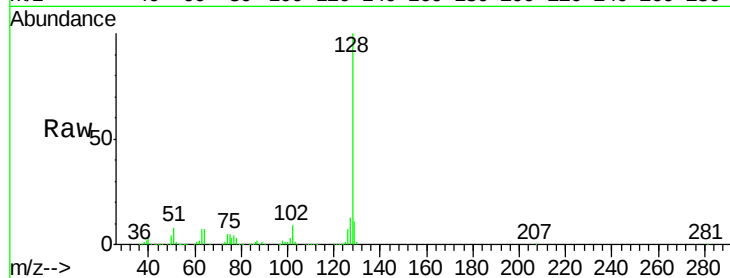
Tot Ion:128 Resp: 587976

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.8 8.7 13.1



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

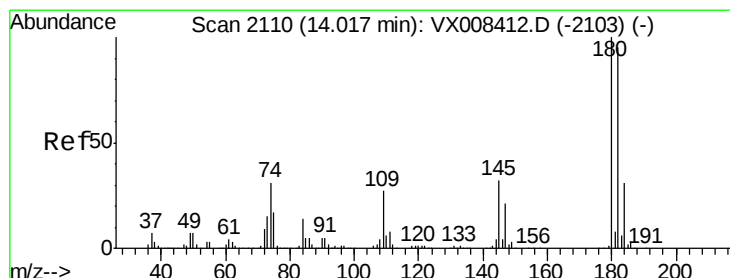
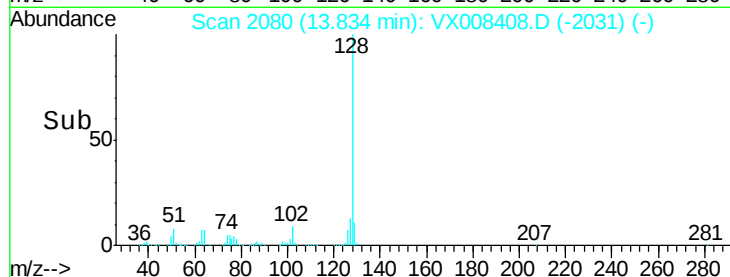
13.83

400000

200000

0

Time--> 13.70 13.80 13.90



#96

1,2,3-Trichlorobenzene

Concen: 47.873 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008408.D

Acq: 25 Mar 2019 13:07

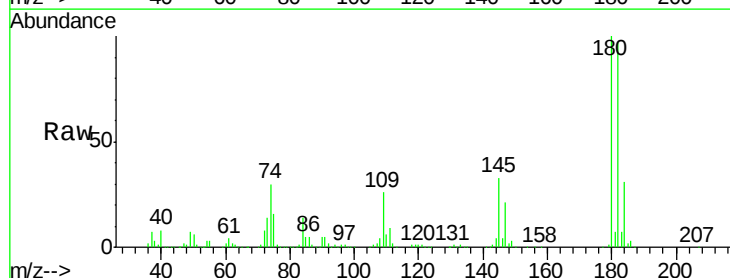
Tgt Ion:180 Resp: 176669

Ion Ratio Lower Upper

180 100

182 95.2 47.3 142.0

145 32.4 16.2 48.5



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

14.02

200000

150000

100000

50000

0

Time--> 14.00 14.10

