

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX032519\
 Data File : VX008412.D
 Acq On : 25 Mar 2019 14:54
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Mar 26 04:21:08 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	195586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	332339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	299920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143732	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	144175	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
35) Dibromofluoromethane	5.49	113	107233	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
50) Toluene-d8	8.71	98	433369	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	161603	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	105264	47.781	ug/l	100
3) Chloromethane	1.32	50	146790	45.189	ug/l	100
4) Vinyl Chloride	1.40	62	150485	47.234	ug/l	100
5) Bromomethane	1.64	94	79794	40.842	ug/l	100
6) Chloroethane	1.71	64	93340	49.427	ug/l	100
7) Trichlorofluoromethane	1.92	101	170980	47.325	ug/l	100
8) Diethyl Ether	2.18	74	81599	47.059	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	103176	48.066	ug/l	100
10) Methyl Iodide	2.51	142	102899	39.738	ug/l	100
11) Tert butyl alcohol	3.05	59	164358	247.582	ug/l	100
12) 1,1-Dichloroethene	2.37	96	107535	48.358	ug/l	100
13) Acrolein	2.29	56	110626	204.617	ug/l	100
14) Allyl chloride	2.73	41	239110	48.773	ug/l	100
15) Acrylonitrile	3.14	53	407318	241.055	ug/l	100
16) Acetone	2.44	43	369357	247.888	ug/l	100
17) Carbon Disulfide	2.57	76	323228	45.587	ug/l	100
18) Methyl Acetate	2.77	43	173898	46.960	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	395857	49.486	ug/l	100
20) Methylene Chloride	2.85	84	126873	47.279	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	112973	47.085	ug/l	100
22) Diisopropyl ether	3.85	45	471039	49.262	ug/l	100
23) Vinyl Acetate	3.81	43	2122641	251.710	ug/l	100
24) 1,1-Dichloroethane	3.70	63	236635	48.585	ug/l	100
25) 2-Butanone	4.67	43	598083	244.981	ug/l	100
26) 2,2-Dichloropropane	4.59	77	162378	51.392	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	131972	47.995	ug/l	100
28) Bromochloromethane	5.01	49	114431	47.753	ug/l	100
29) Tetrahydrofuran	5.13	42	386734	239.732	ug/l	100
30) Chloroform	5.21	83	214591	48.835	ug/l	100
31) Cyclohexane	5.58	56	223674	47.978	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	174633	50.124	ug/l	100
36) 1,1-Dichloropropene	5.80	75	167410	49.374	ug/l	100
37) Ethyl Acetate	4.83	43	225799	49.412	ug/l	100
38) Carbon Tetrachloride	5.79	117	146441	50.258	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	205526	49.414	ug/l	100
40) Benzene	6.14	78	510697	49.397	ug/l	100
41) Methacrylonitrile	5.04	41	127198	50.956	ug/l	100
42) 1,2-Dichloroethane	6.19	62	182381	48.602	ug/l	100
43) Isopropyl Acetate	6.45	43	359986	50.452	ug/l	100
44) Trichloroethene	7.21	130	116587	48.521	ug/l	100
45) 1,2-Dichloropropane	7.51	63	146544	50.065	ug/l	100
46) Dibromomethane	7.66	93	83469	48.148	ug/l	100
47) Bromodichloromethane	7.90	83	167360	50.525	ug/l	100
48) Methyl methacrylate	7.77	41	183179	50.707	ug/l	100
49) 1,4-Dioxane	7.74	88	72000	987.289	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	1191340	253.442	ug/l	100
52) Toluene	8.79	92	305997	50.354	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	189368	53.063	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	211967	52.570	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	125353	49.666	ug/l	100
56) Ethyl methacrylate	9.18	69	234796	52.473	ug/l	100
57) 1,3-Dichloropropane	9.37	76	222924	49.673	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	609272	254.869	ug/l	100
59) 2-Hexanone	9.49	43	941405	259.571	ug/l	100
60) Dibromochloromethane	9.58	129	124244	52.975	ug/l	100
61) 1,2-Dibromoethane	9.67	107	129488	50.609	ug/l	100
64) Tetrachloroethene	9.34	164	95786	48.803	ug/l	100
65) Chlorobenzene	10.13	112	312668	49.576	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	112094	51.219	ug/l	100
67) Ethyl Benzene	10.25	91	598514	50.579	ug/l	100
68) m/p-Xylenes	10.36	106	433935	102.068	ug/l	100
69) o-Xylene	10.69	106	211641	50.906	ug/l	100
70) Styrene	10.71	104	372717	51.678	ug/l	100
71) Bromoform	10.85	173	91358	53.848	ug/l	100
73) Isopropylbenzene	11.02	105	559484	49.315	ug/l	100
74) N-amyl acetate	10.90	43	345986	52.089	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	217174	48.172	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	247782	65.827	ug/l	82
77) Bromobenzene	11.26	156	134149	49.794	ug/l	100
78) n-propylbenzene	11.36	91	663578	49.939	ug/l	100
79) 2-Chlorotoluene	11.42	91	398610	49.101	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	477698	49.480	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	70783	53.736	ug/l	100
82) 4-Chlorotoluene	11.51	91	458666	49.120	ug/l	100
83) tert-Butylbenzene	11.77	119	458054	49.951	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	482763	50.045	ug/l	100
85) sec-Butylbenzene	11.94	105	551183	49.972	ug/l	100
86) p-Isopropyltoluene	12.06	119	494834	50.902	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	238472	49.329	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	239427	48.608	ug/l	100
89) n-Butylbenzene	12.38	91	470955	50.791	ug/l	100
90) Hexachloroethane	12.59	117	82990	51.575	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	244008	49.717	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	48278	50.330	ug/l	100

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Quant Title : SW846 8260
QLast Update : Tue Mar 26 04:13:47 2019
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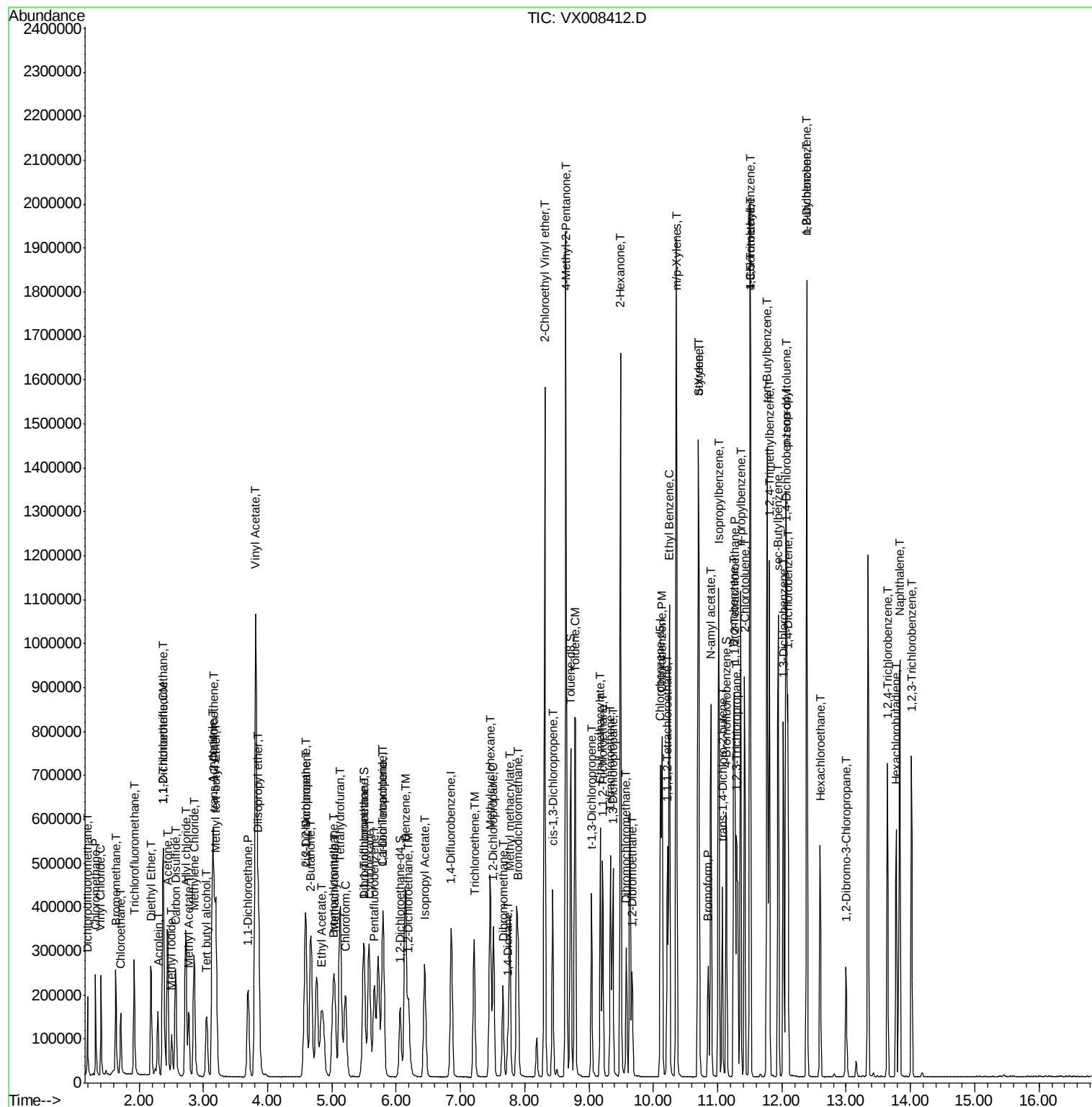
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	166636	50.233	ug/l	100
94) Hexachlorobutadiene	13.78	225	79940	51.043	ug/l	100
95) Naphthalene	13.83	128	574487	49.715	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	165736	49.741	ug/l	100

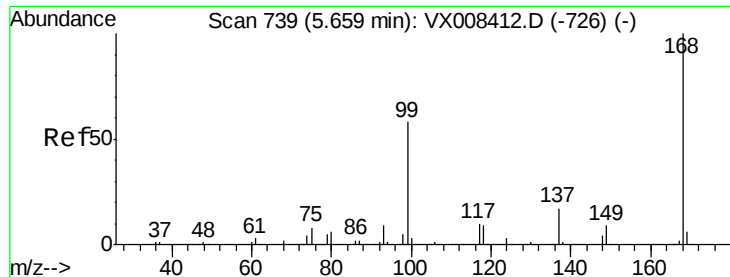
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

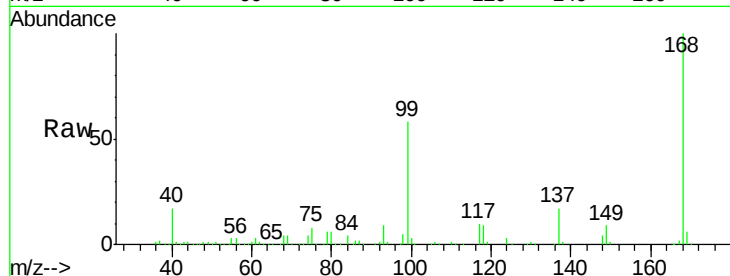
VSTDICCC050

Tgt Ion:168 Resp: 195586

Ion Ratio Lower Upper

168 100

99 57.5 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

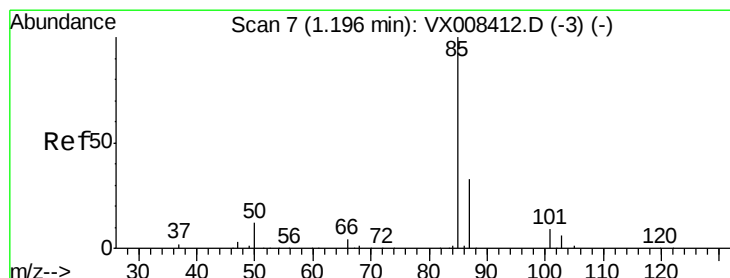
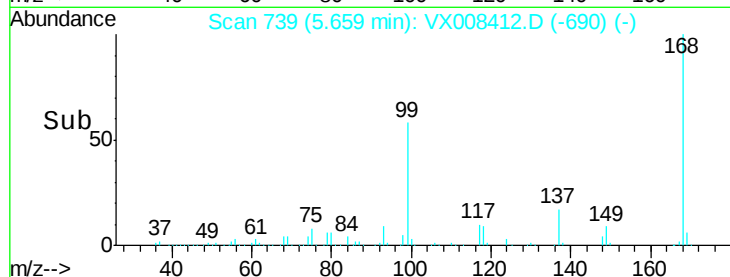
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.781 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008412.D

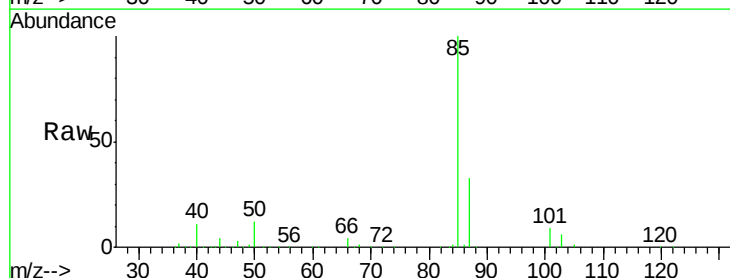
Acq: 25 Mar 2019 14:54

Tgt Ion: 85 Resp: 105264

Ion Ratio Lower Upper

85 100

87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

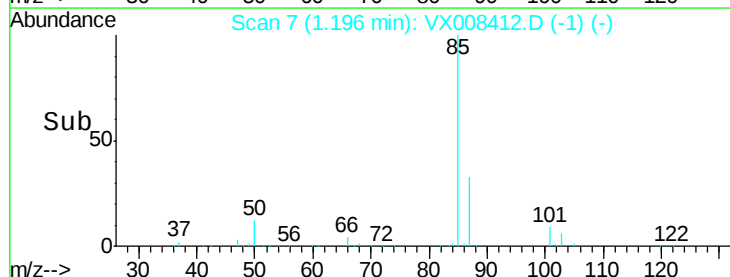
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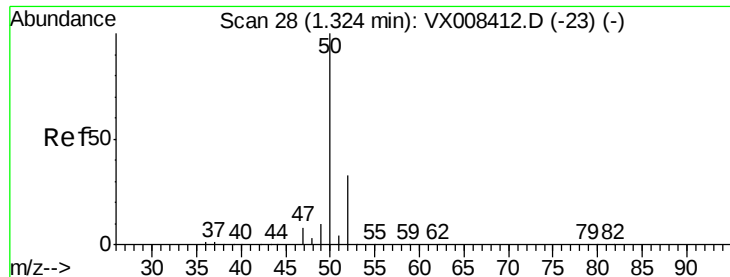
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 45.189 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

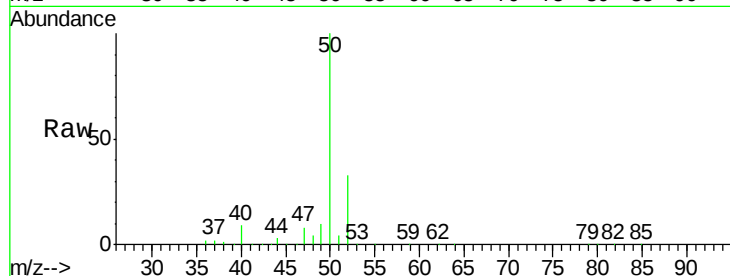
VSTDICCC050

Tgt Ion: 50 Resp: 146790

Ion Ratio Lower Upper

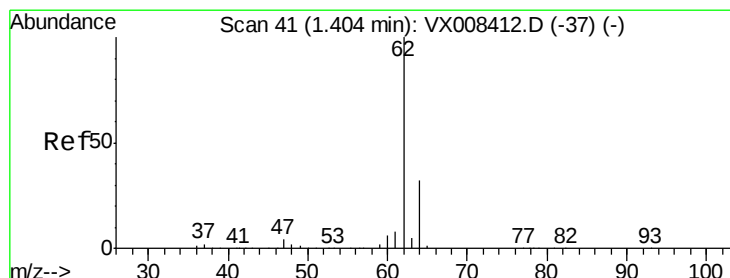
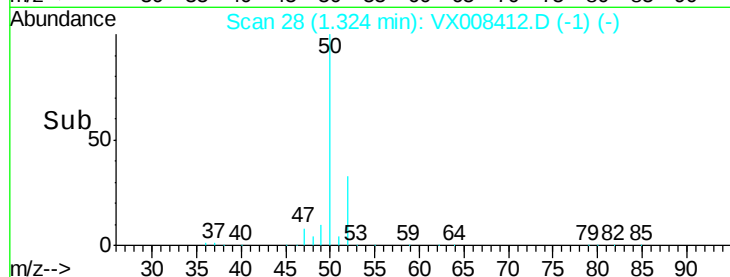
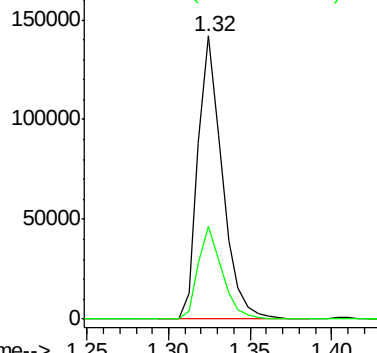
50 100

52 32.7 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.234 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008412.D

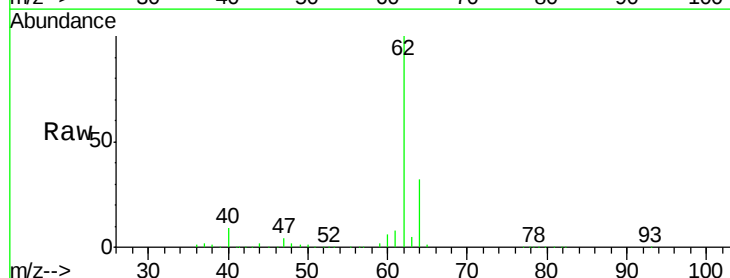
Acq: 25 Mar 2019 14:54

Tgt Ion: 62 Resp: 150485

Ion Ratio Lower Upper

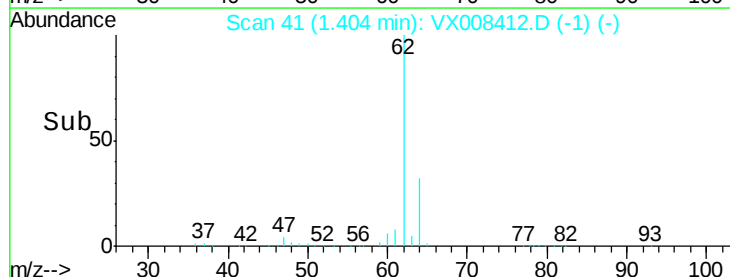
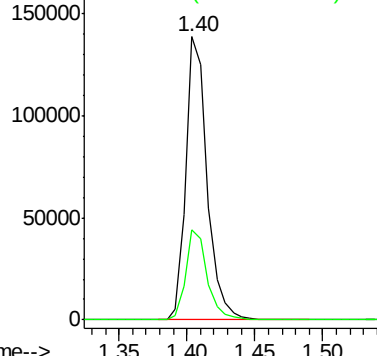
62 100

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





#5

Bromomethane

Concen: 40.842 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

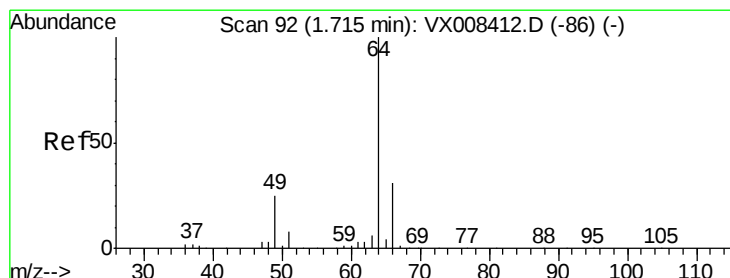
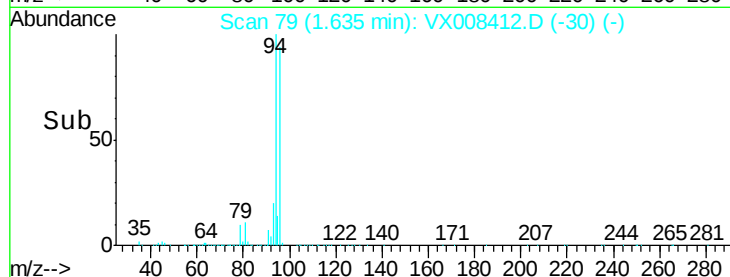
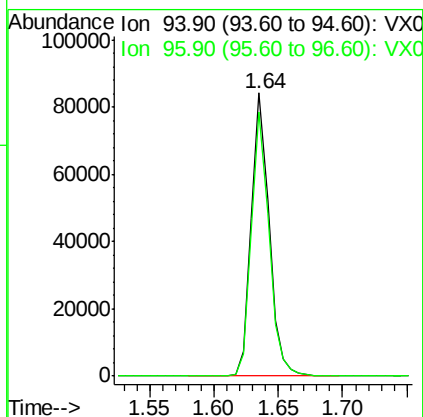
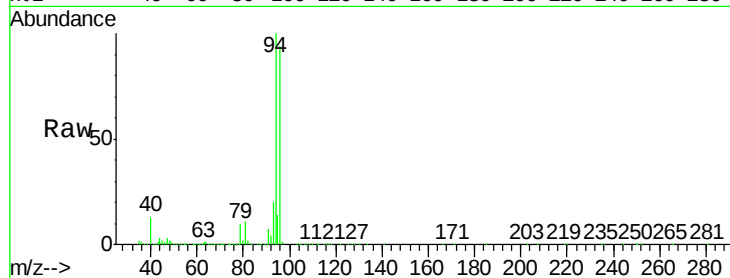
VSTDICCC050

Tgt Ion: 94 Resp: 79794

Ion Ratio Lower Upper

94 100

96 93.5 74.8 112.2



#6

Chloroethane

Concen: 49.427 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008412.D

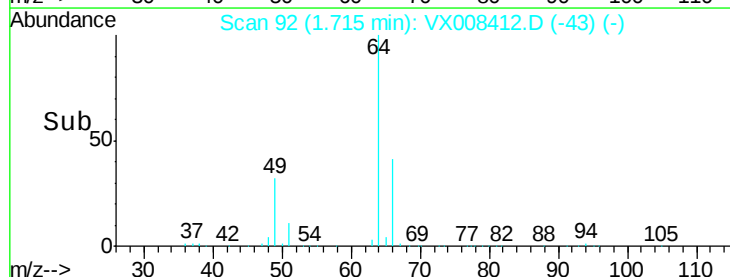
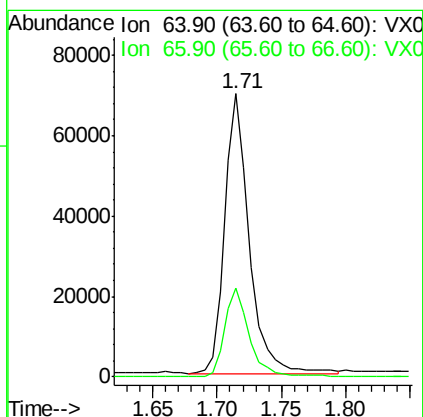
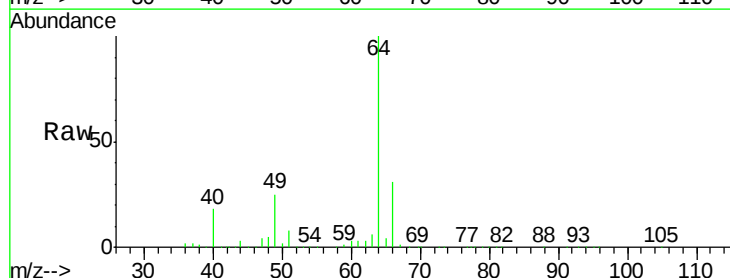
Acq: 25 Mar 2019 14:54

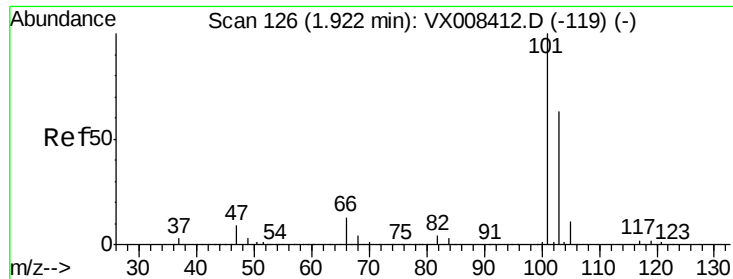
Tgt Ion: 64 Resp: 93340

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7



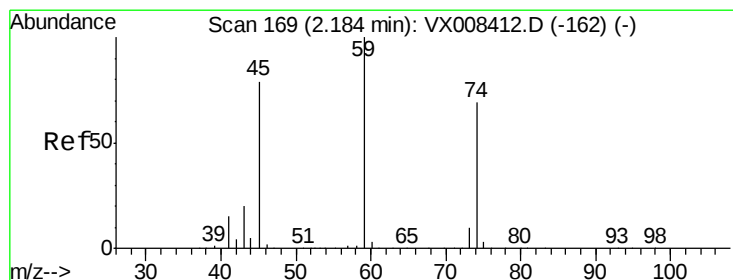
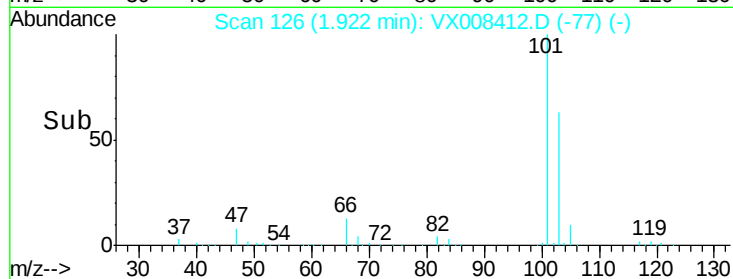
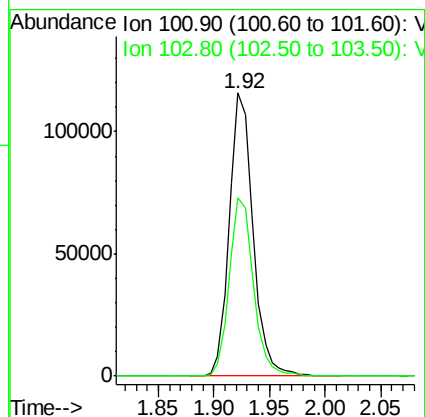
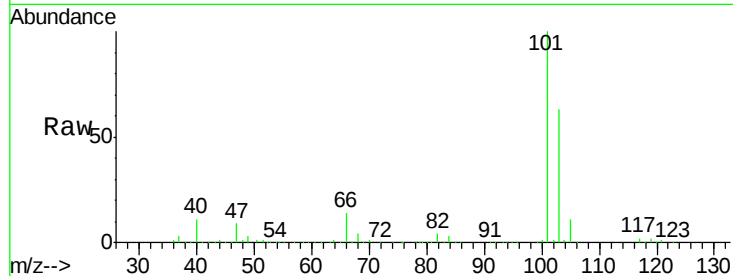


#7

Trichlorofluoromethane
 Concen: 47.325 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

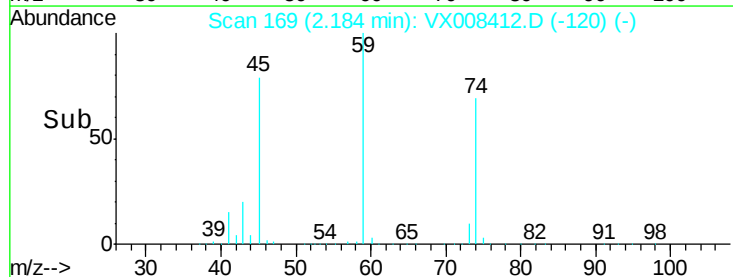
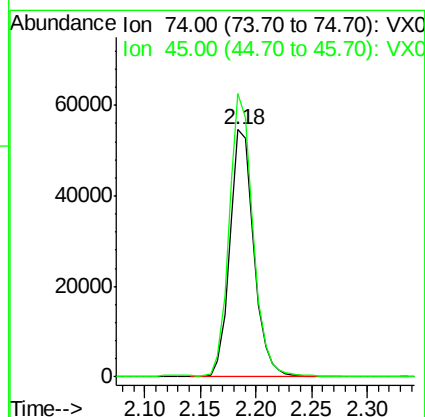
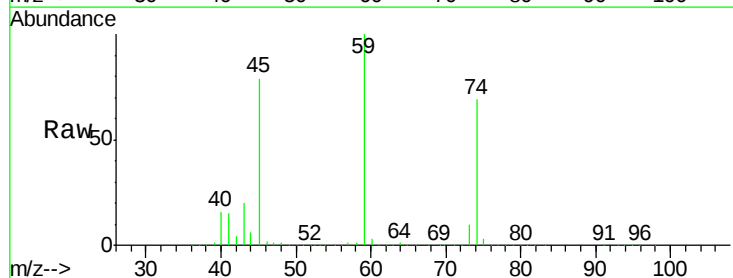
Tgt Ion: 101 Resp: 170980
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.2 75.4

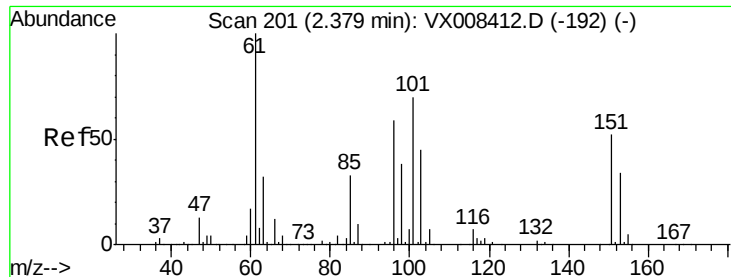


#8

Diethyl Ether
 Concen: 47.059 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

Tgt Ion: 74 Resp: 81599
 Ion Ratio Lower Upper
 74 100
 45 112.8 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.066 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

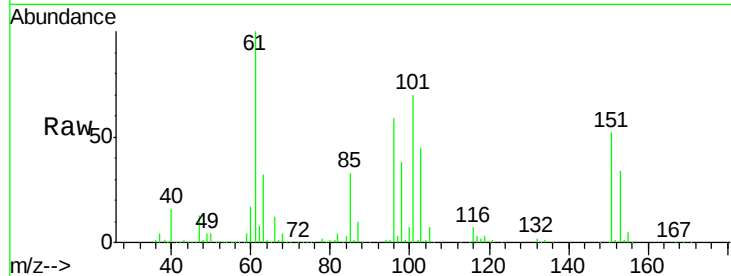
Tgt Ion:101 Resp: 103176

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

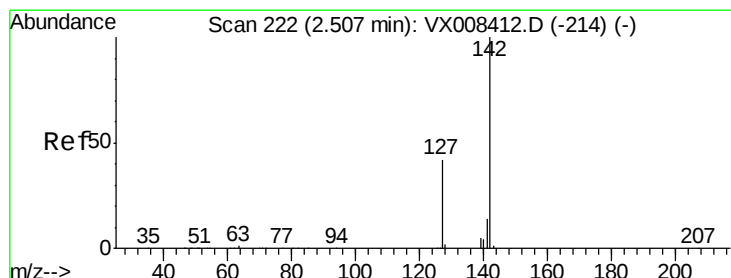
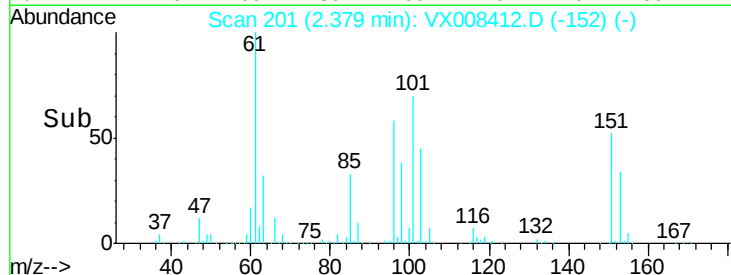
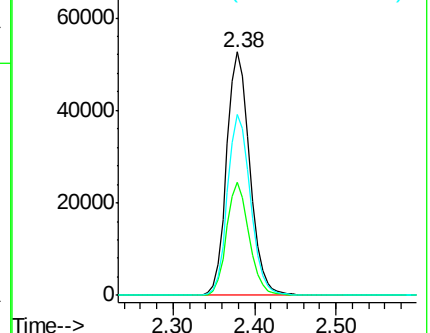
151 74.0 59.2 88.8



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: 39.738 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

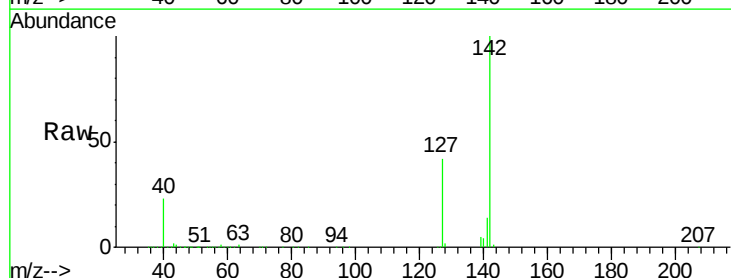
Tgt Ion:142 Resp: 102899

Ion Ratio Lower Upper

142 100

127 42.0 33.6 50.4

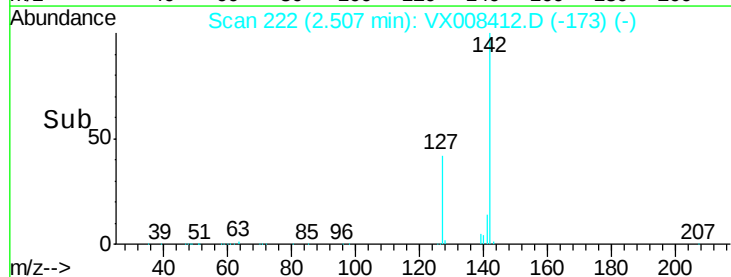
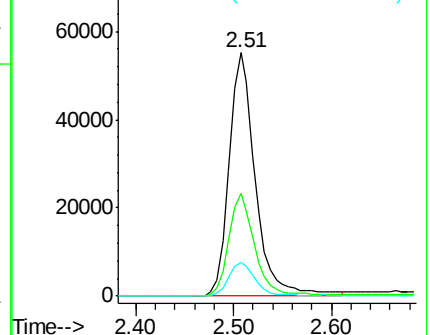
141 14.1 11.3 16.9

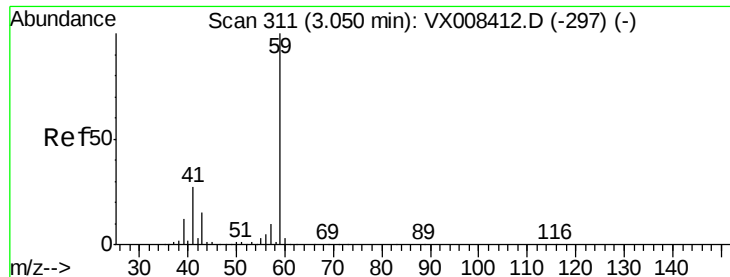


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

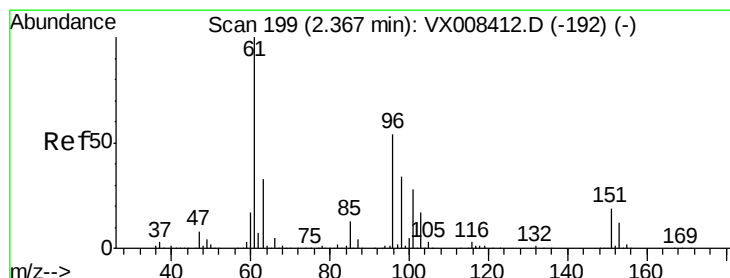
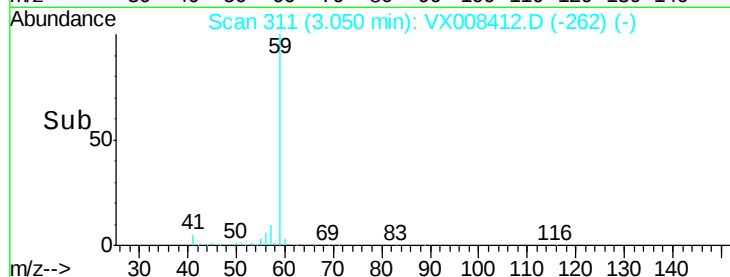
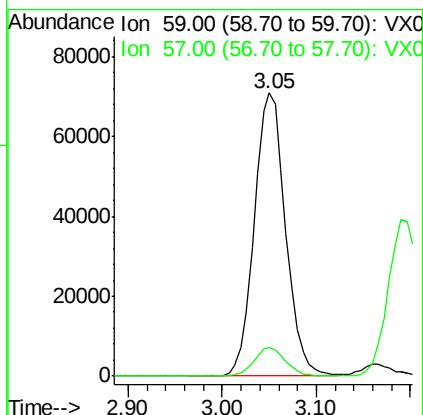
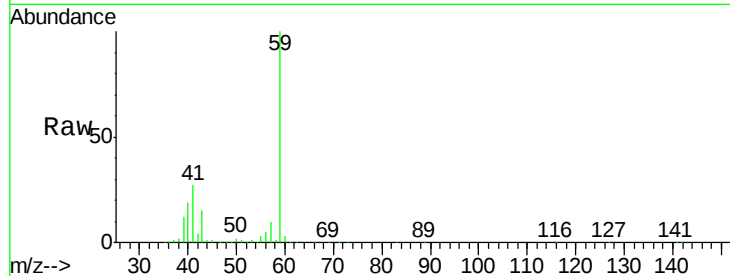




#11
Tert butyl alcohol
Concen: 247.582 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

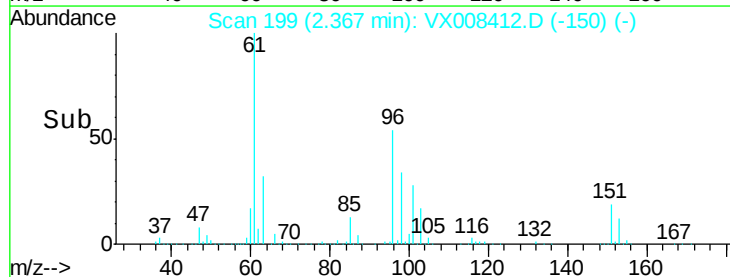
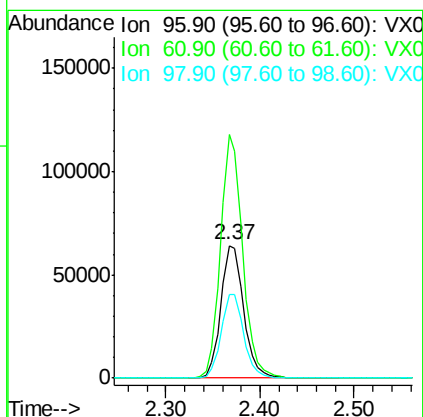
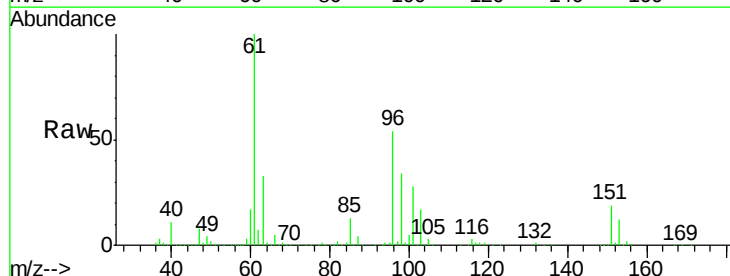
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

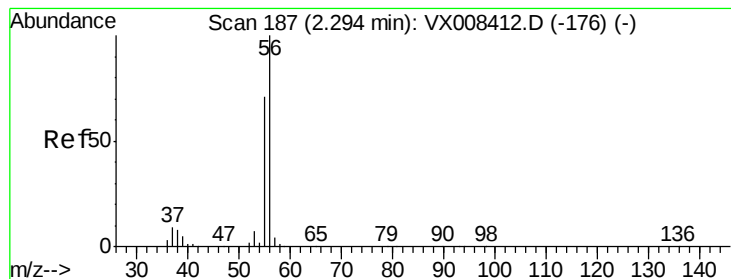
Tgt Ion: 59 Resp: 164358
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 48.358 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

Tgt Ion: 96 Resp: 107535
Ion Ratio Lower Upper
96 100
61 183.6 146.9 220.3
98 62.6 50.1 75.1





#13

Acrolein

Concen: 204.617 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

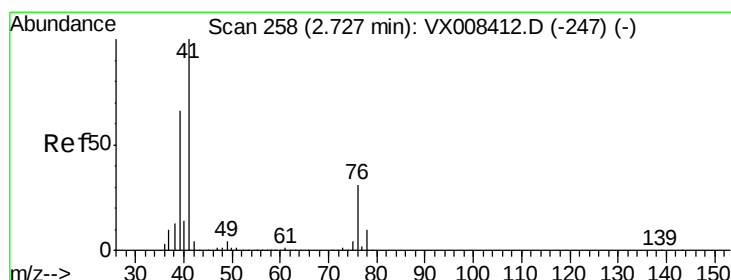
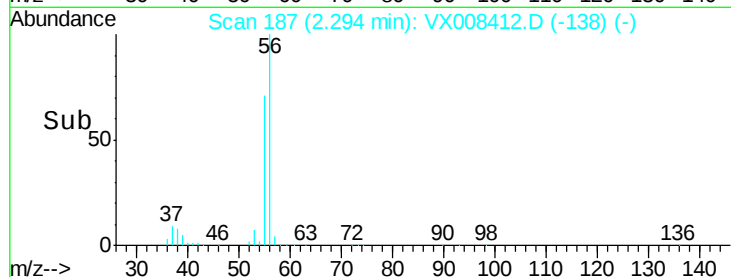
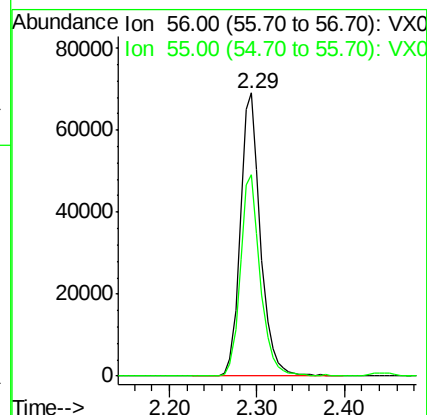
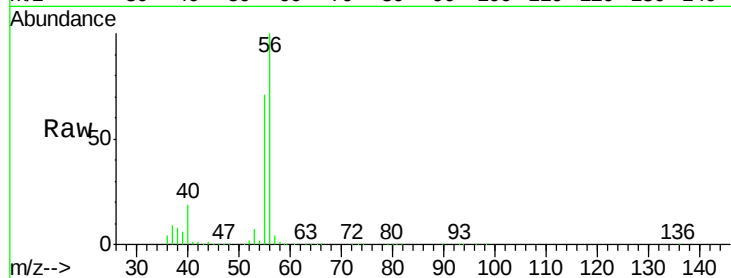
VSTDICCC050

Tgt Ion: 56 Resp: 110626

Ion Ratio Lower Upper

56 100

55 70.6 56.5 84.7



#14

Allyl chloride

Concen: 48.773 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

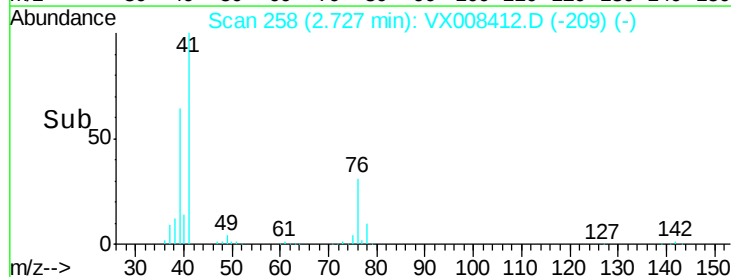
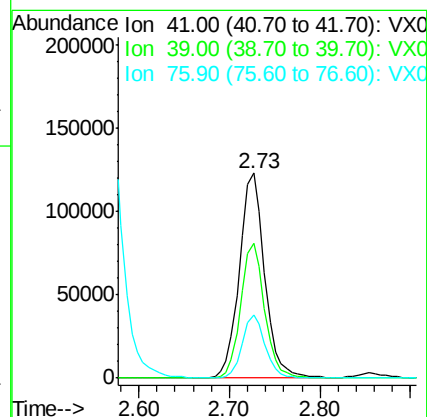
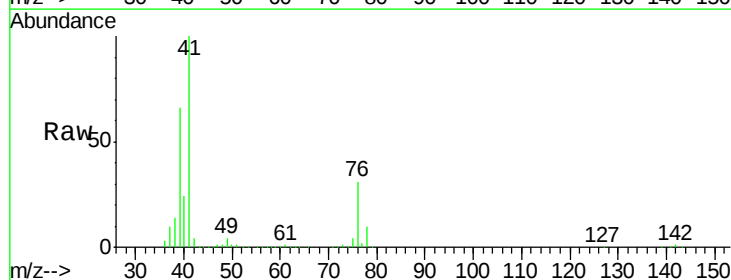
Tgt Ion: 41 Resp: 239110

Ion Ratio Lower Upper

41 100

39 62.0 49.6 74.4

76 28.3 22.6 34.0

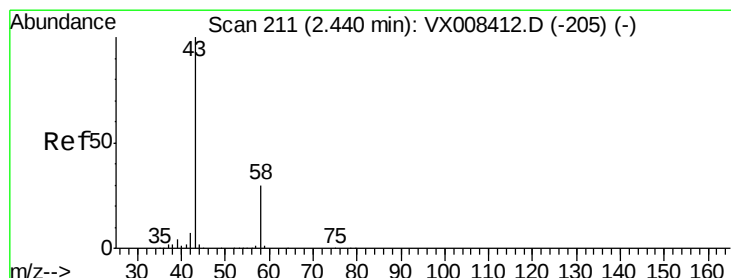
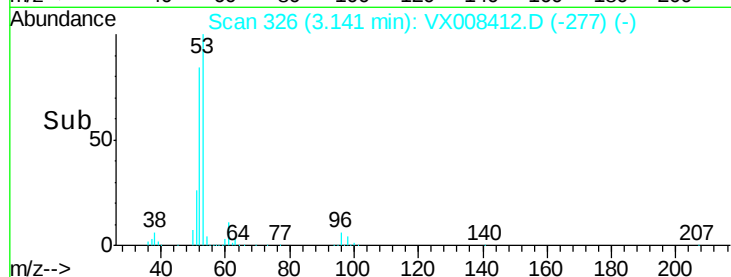
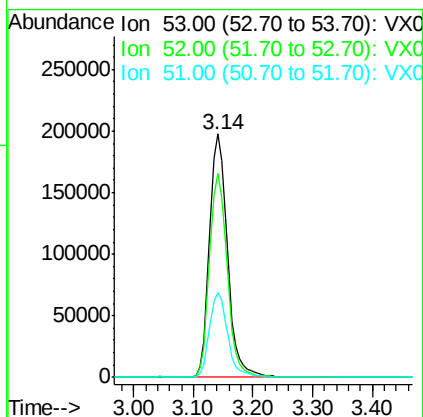
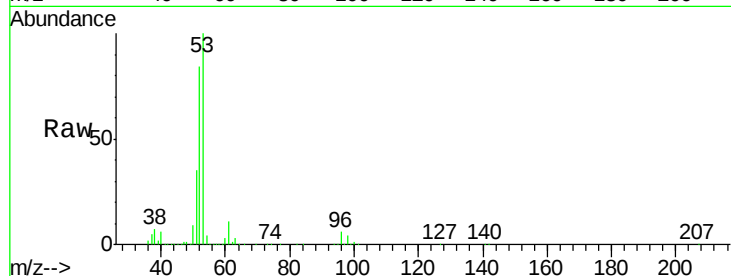




#15
 Acrylonitrile
 Concen: 241.055 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

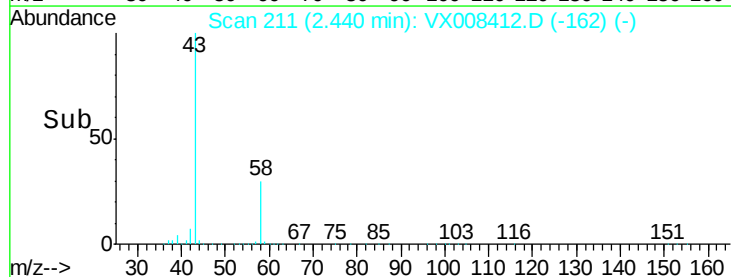
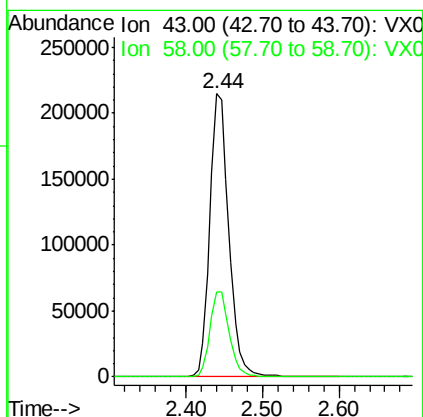
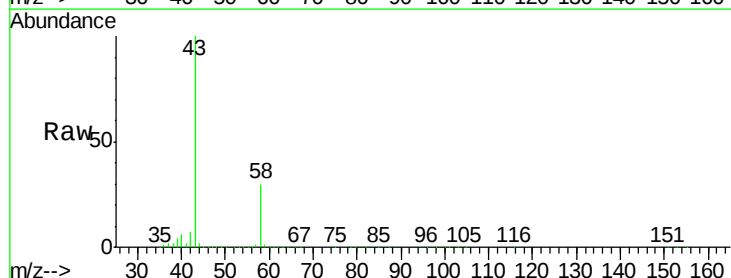
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

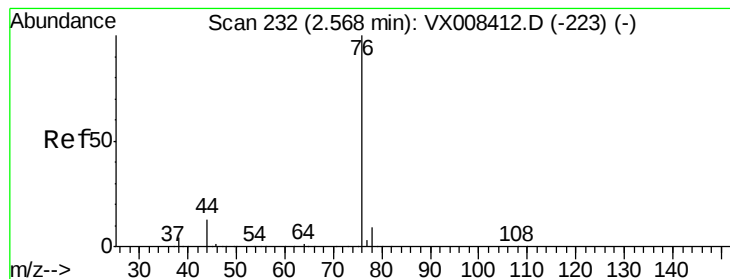
Tgt Ion: 53 Resp: 407318
 Ion Ratio Lower Upper
 53 100
 52 83.1 66.5 99.7
 51 35.4 28.3 42.5



#16
 Acetone
 Concen: 247.888 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

Tgt Ion: 43 Resp: 369357
 Ion Ratio Lower Upper
 43 100
 58 30.2 24.2 36.2





#17

Carbon Disulfide

Concen: 45.587 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

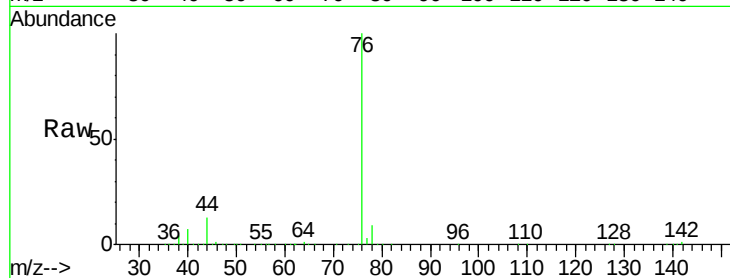
VSTDICCC050

Tgt Ion: 76 Resp: 323228

Ion Ratio Lower Upper

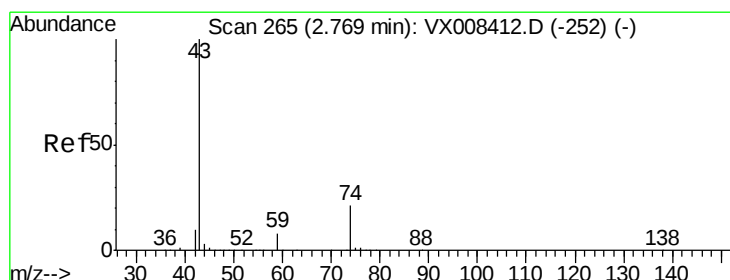
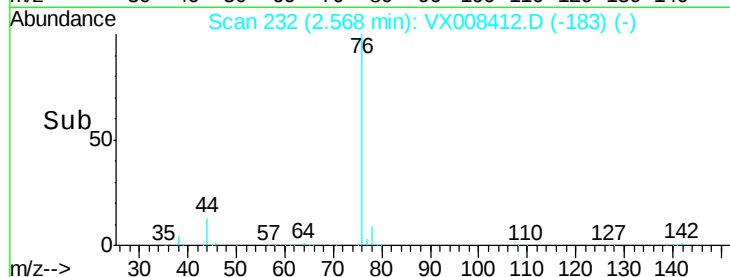
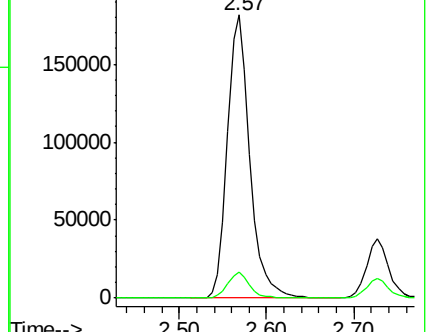
76 100

78 9.3 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 46.960 ug/l

RT: 2.77 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX008412.D

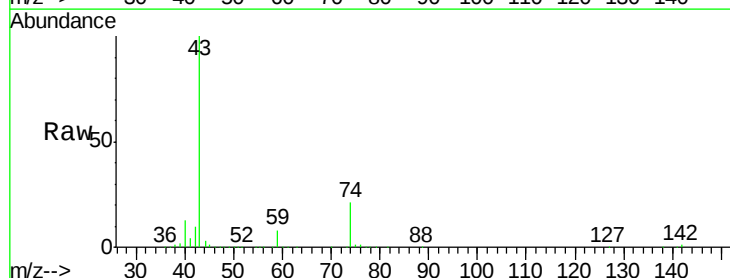
Acq: 25 Mar 2019 14:54

Tgt Ion: 43 Resp: 173898

Ion Ratio Lower Upper

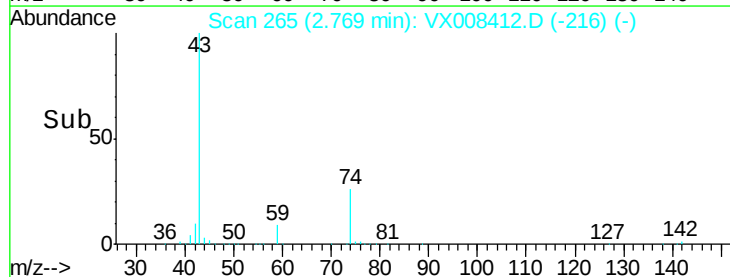
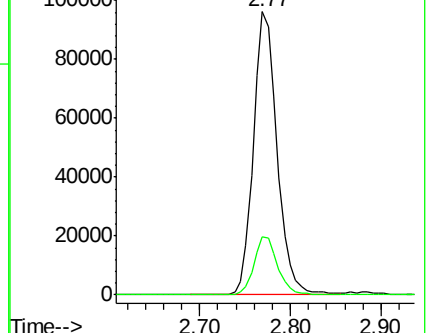
43 100

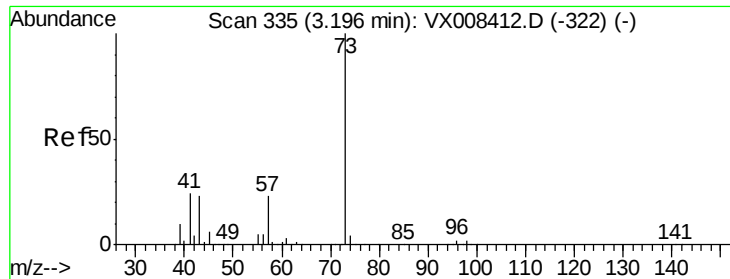
74 20.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

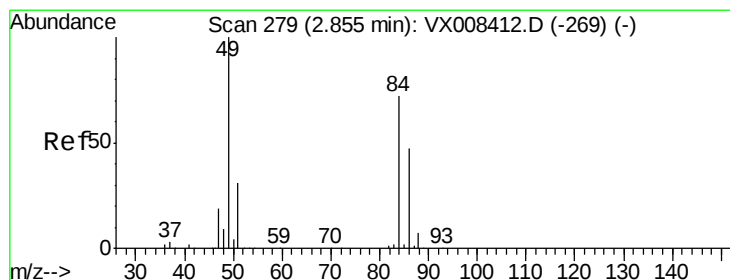
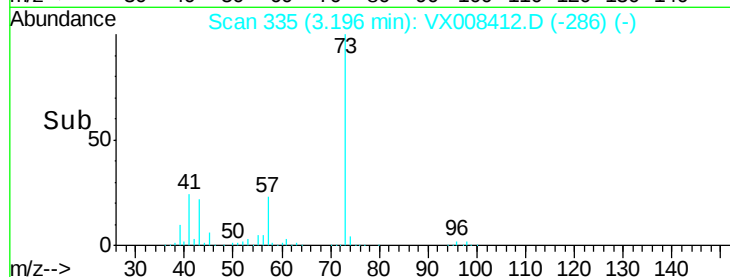
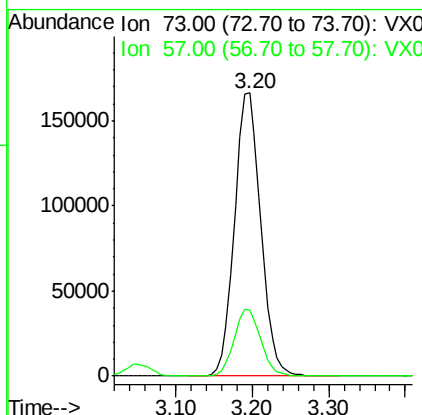
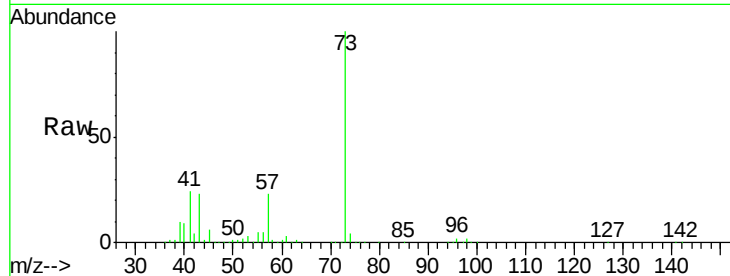




#19
Methyl tert-butyl Ether
Concen: 49.486 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

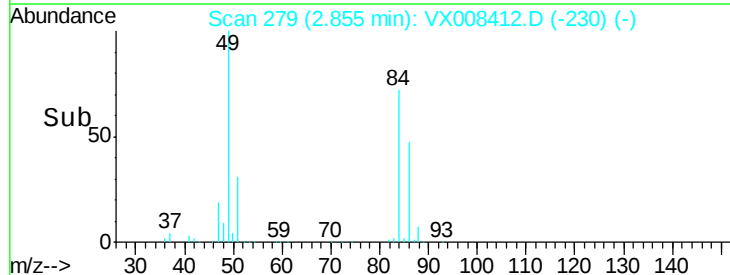
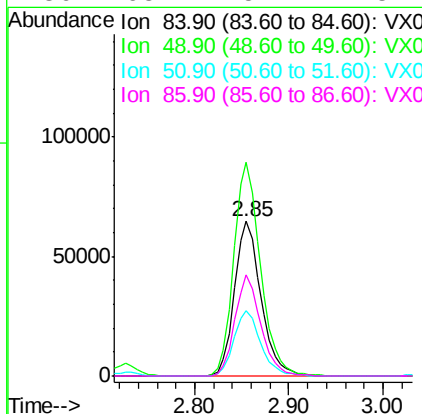
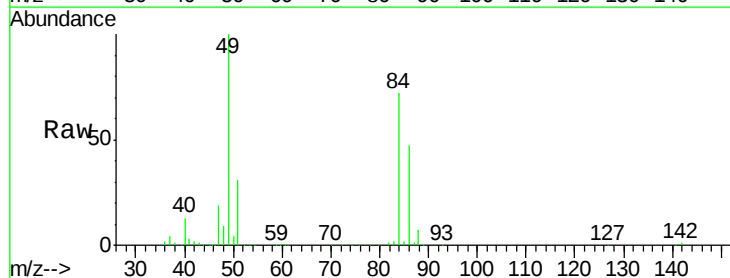
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

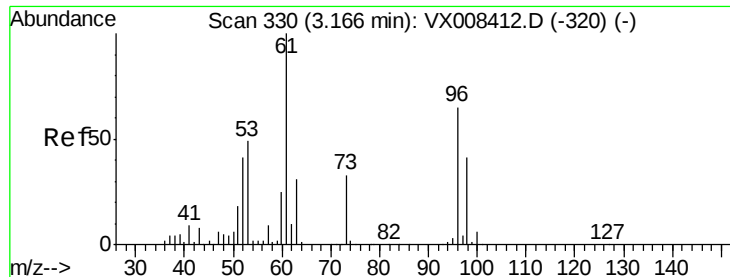
Tgt Ion: 73 Resp: 395857
Ion Ratio Lower Upper
73 100
57 23.3 18.6 28.0



#20
Methylene Chloride
Concen: 47.279 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

Tgt Ion: 84 Resp: 126873
Ion Ratio Lower Upper
84 100
49 138.2 110.6 165.8
51 42.4 33.9 50.9
86 65.2 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 47.085 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

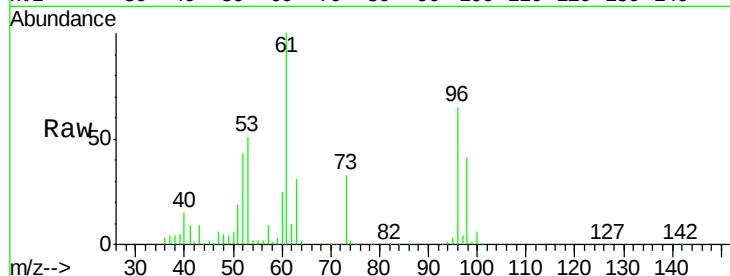
Tgt Ion: 96 Resp: 112973

Ion Ratio Lower Upper

96 100

61 153.3 122.6 184.0

98 63.6 50.9 76.3

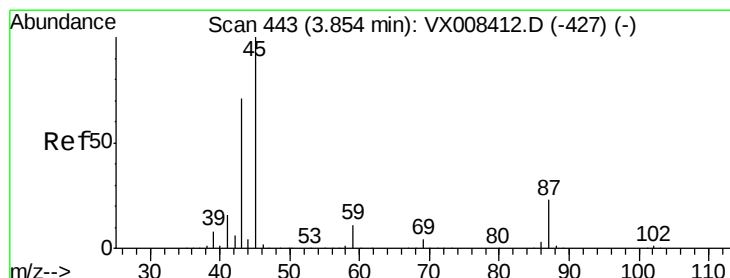
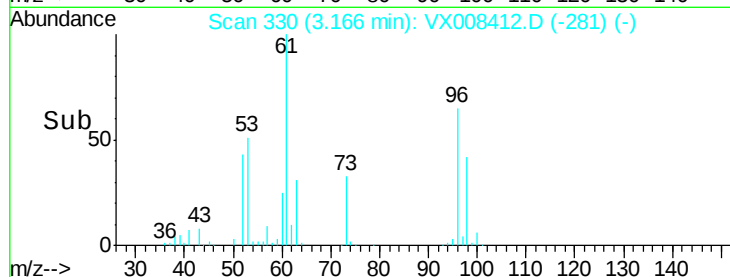
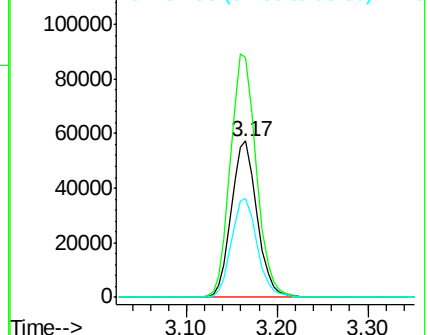


Abundance

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: 49.262 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Tgt Ion: 45 Resp: 471039

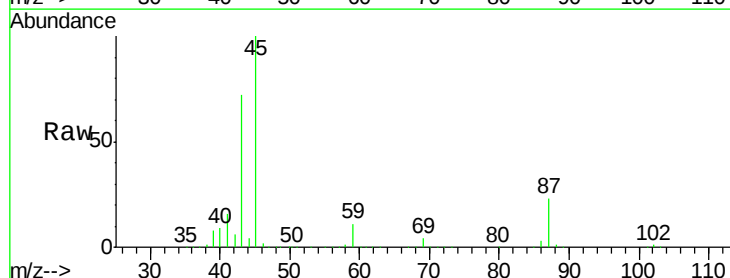
Ion Ratio Lower Upper

45 100

43 71.4 57.1 85.7

87 23.5 18.8 28.2

59 10.9 8.7 13.1



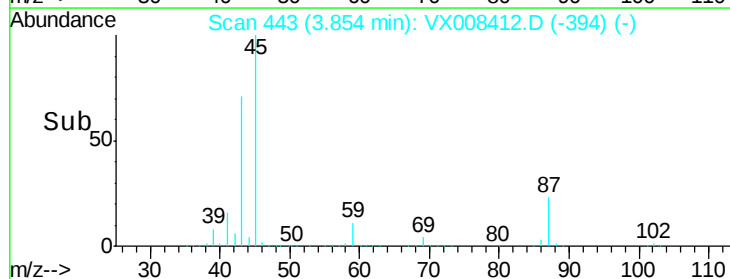
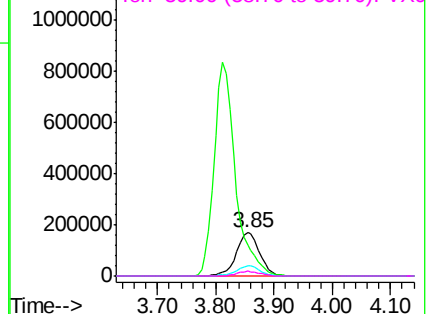
Abundance

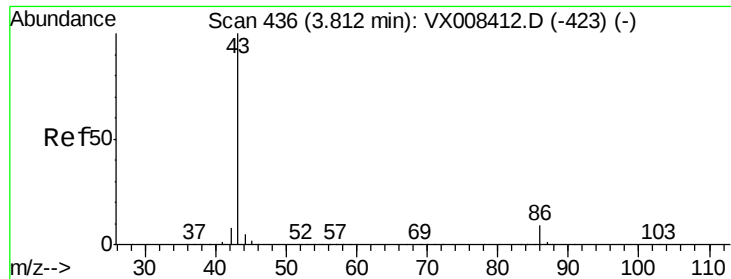
Ion 45.00 (44.70 to 45.70): VX0

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: 251.710 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

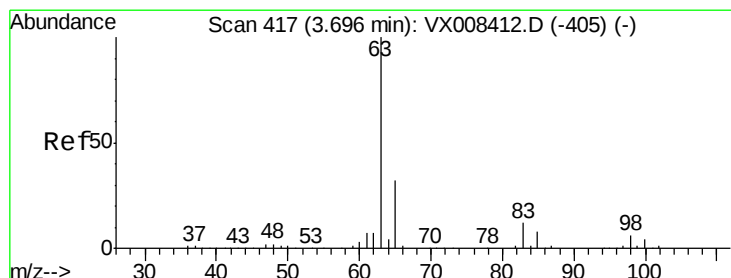
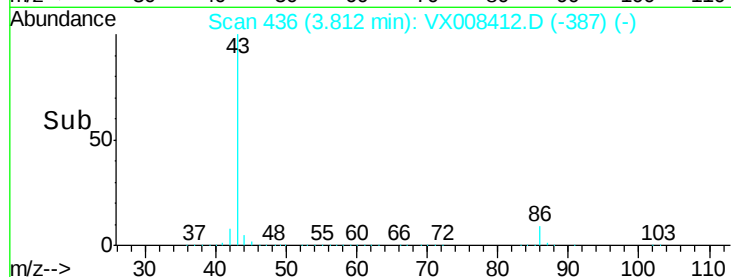
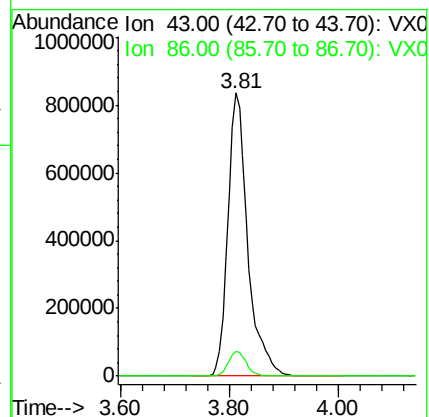
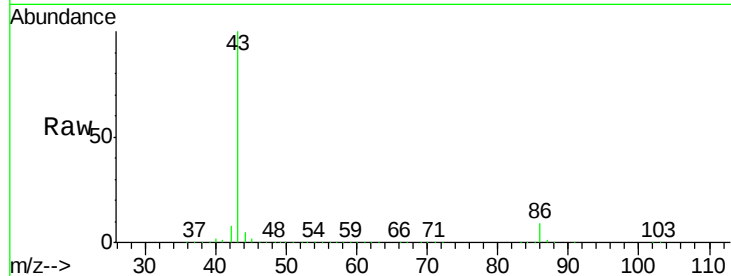
VSTDICCC050

Tgt Ion: 43 Resp: 2122641

Ion Ratio Lower Upper

43 100

86 8.6 6.9 10.3



#24

1,1-Dichloroethane

Concen: 48.585 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

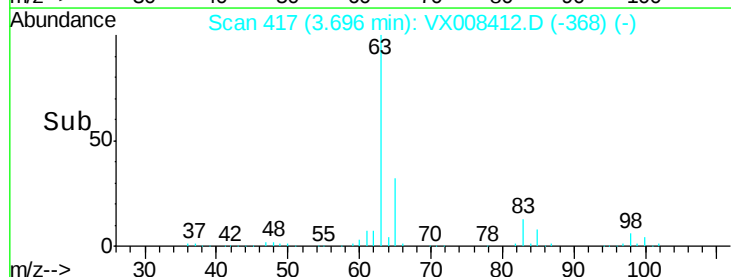
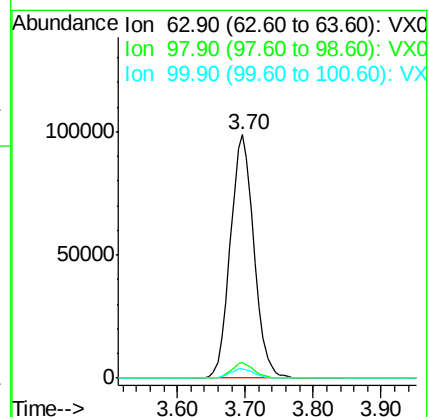
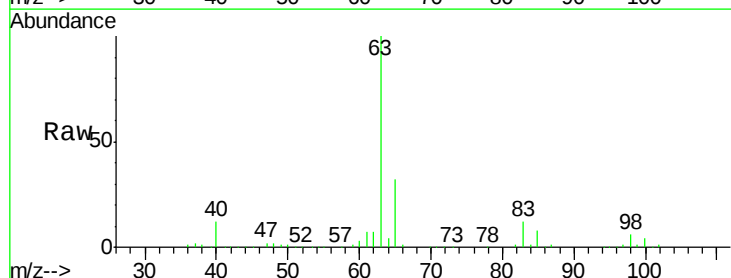
Tgt Ion: 63 Resp: 236635

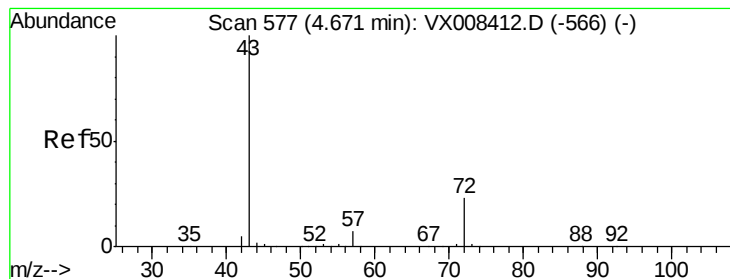
Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 3.9 2.0 5.8





#25

2-Butanone

Concen: 244.981 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

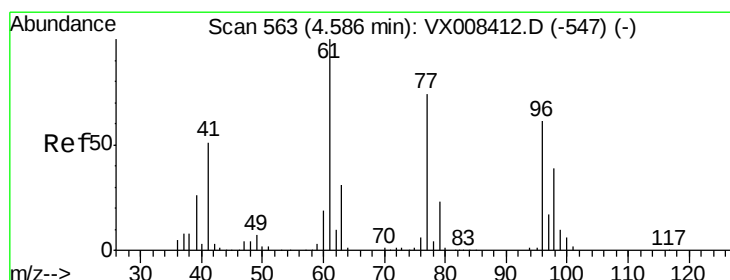
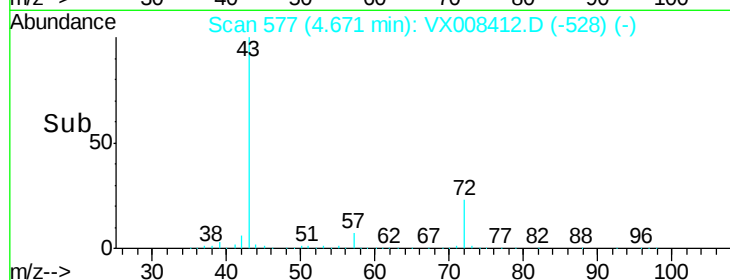
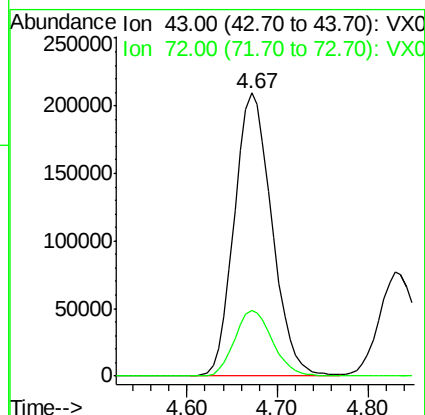
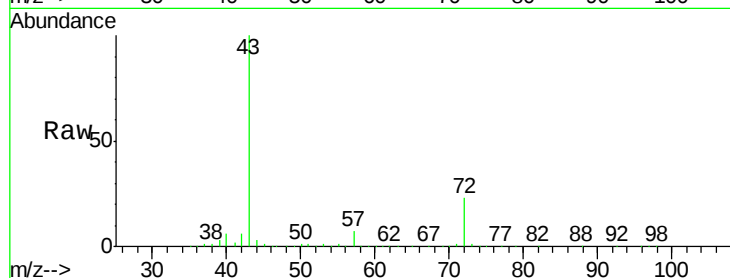
VSTDICCC050

Tgt Ion: 43 Resp: 598083

Ion Ratio Lower Upper

43 100

72 23.3 18.6 28.0



#26

2,2-Dichloropropane

Concen: 51.392 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008412.D

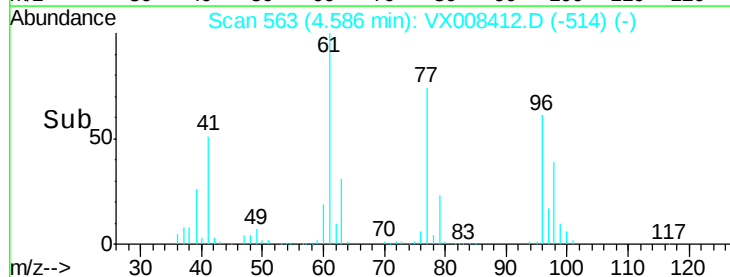
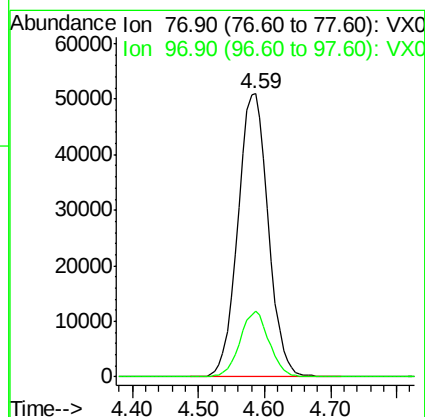
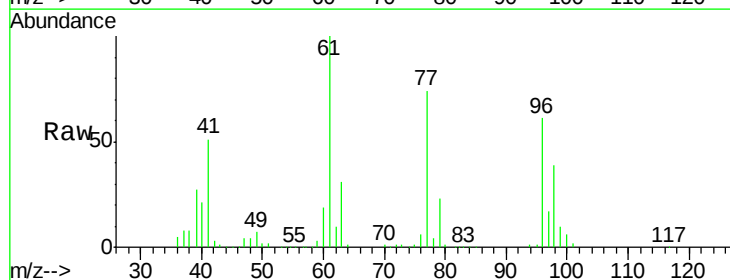
Acq: 25 Mar 2019 14:54

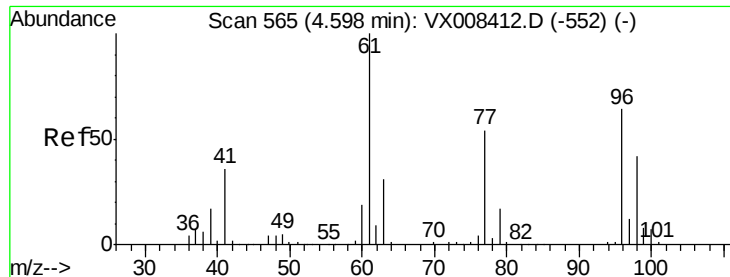
Tgt Ion: 77 Resp: 162378

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6



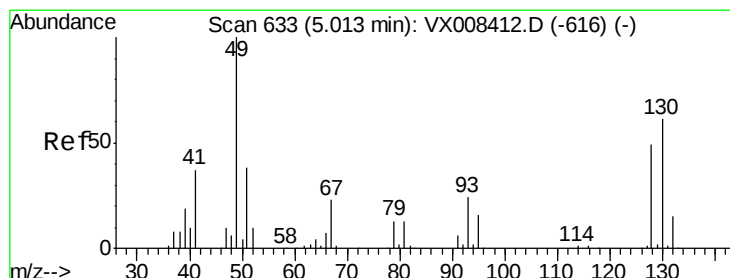
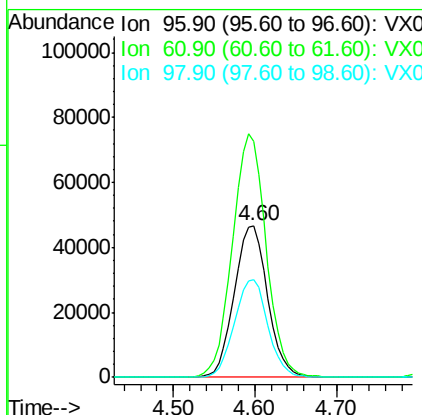
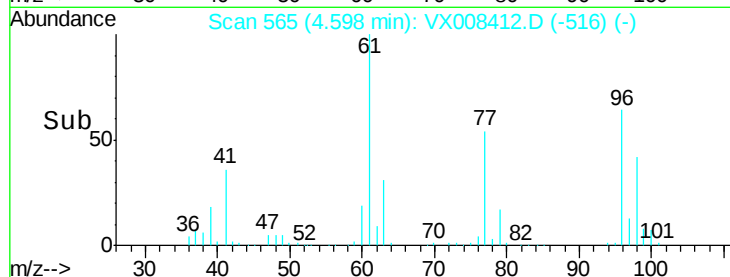
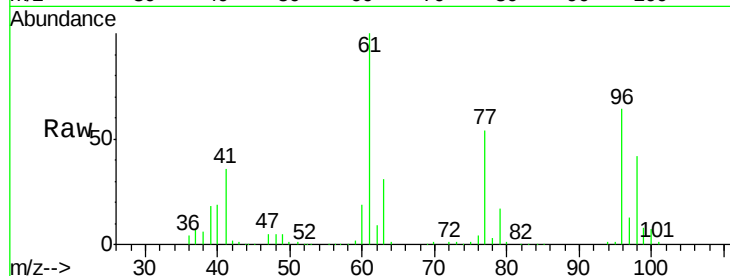


#27

cis-1,2-Dichloroethene
Concen: 47.995 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

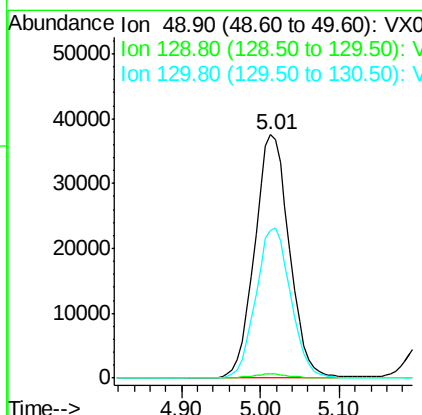
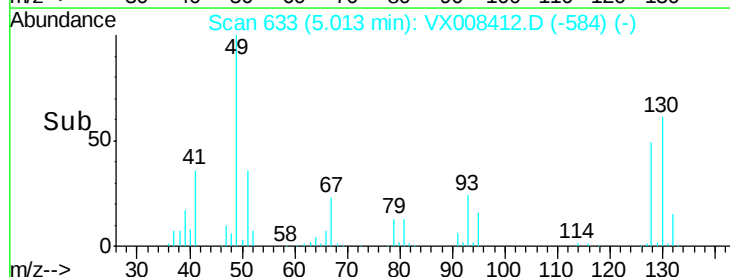
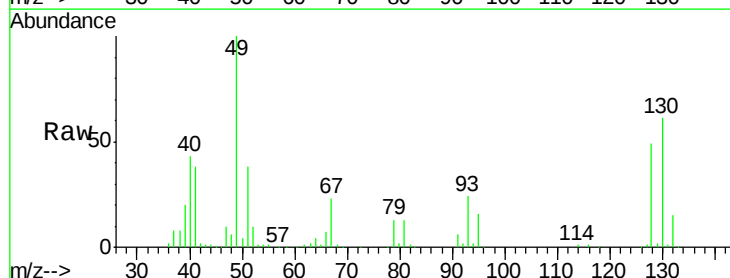
Tgt Ion: 96 Resp: 131972
Ion Ratio Lower Upper
96 100
61 162.8 0.0 325.6
98 65.0 0.0 130.0

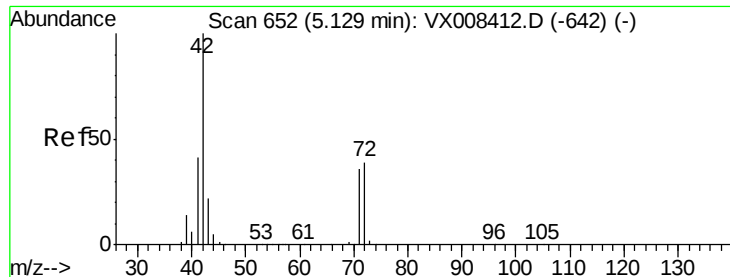


#28

Bromochloromethane
Concen: 47.753 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

Tgt Ion: 49 Resp: 114431
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.4
130 62.2 49.8 74.6





#29

Tetrahydrofuran

Concen: 239.732 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

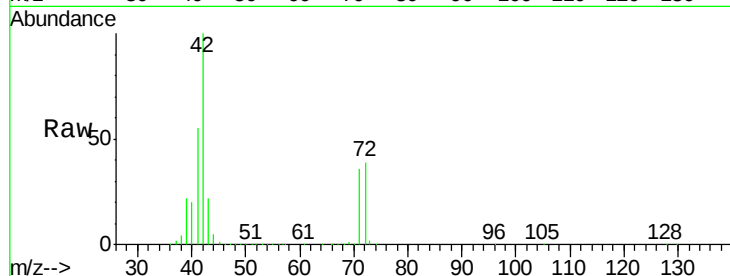
Tgt Ion: 42 Resp: 386734

Ion Ratio Lower Upper

42 100

72 39.3 31.4 47.2

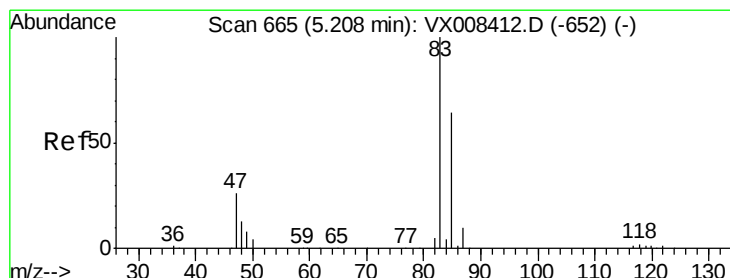
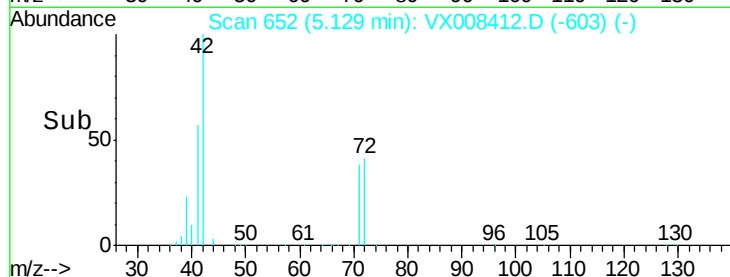
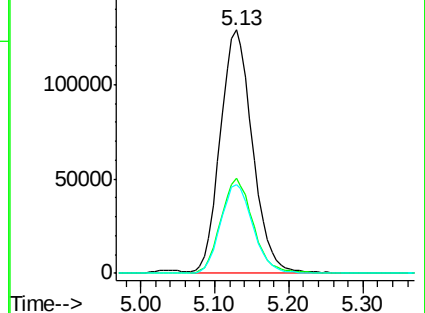
71 36.8 29.4 44.2



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.835 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX008412.D

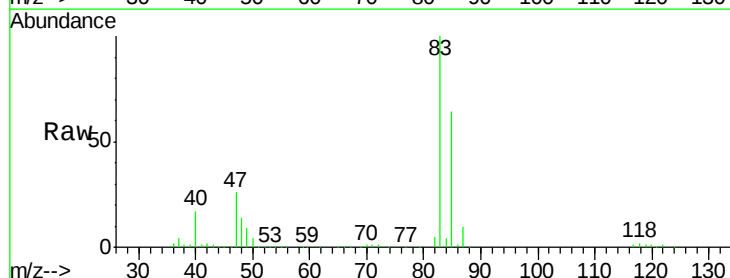
Acq: 25 Mar 2019 14:54

Tgt Ion: 83 Resp: 214591

Ion Ratio Lower Upper

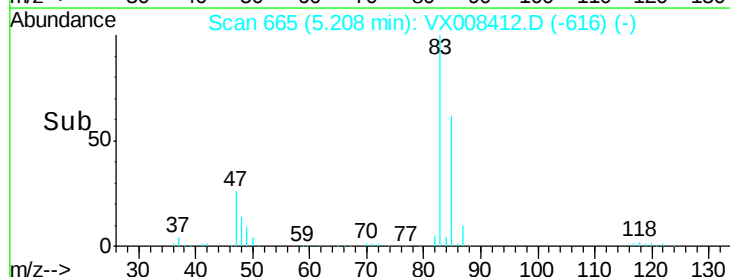
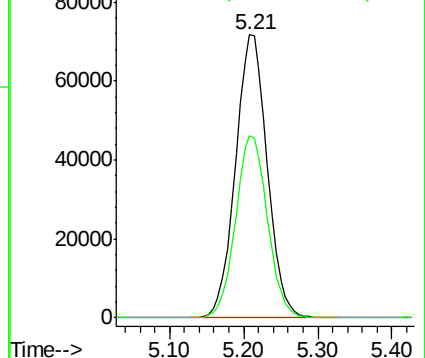
83 100

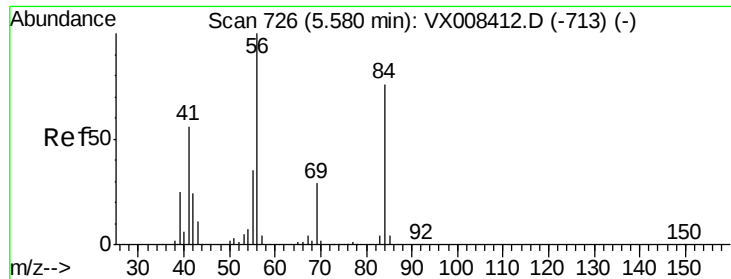
85 64.3 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

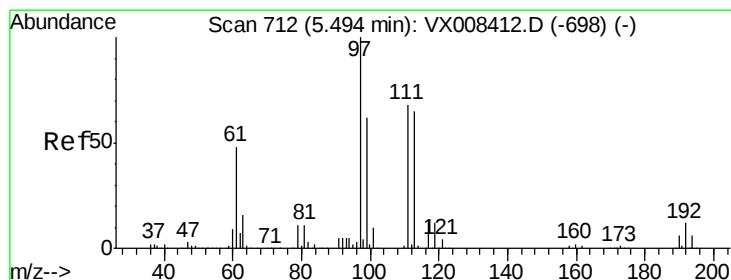
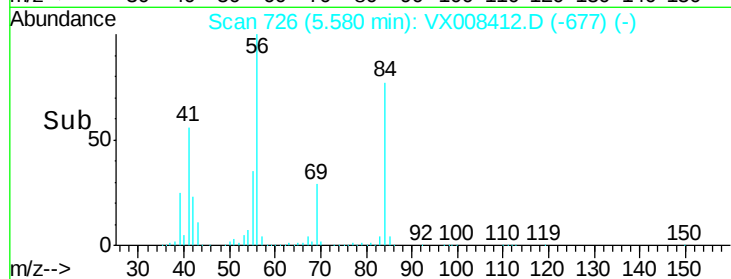
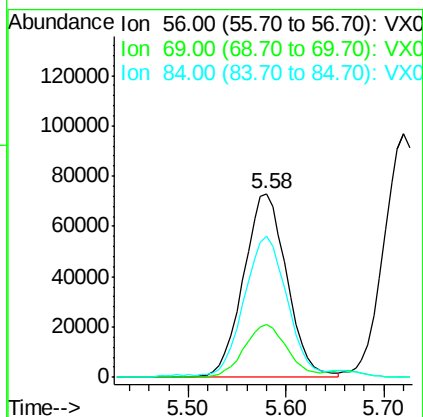
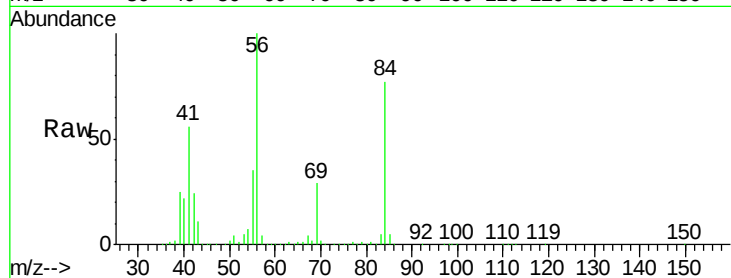




#31
Cyclohexane
Concen: 47.978 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

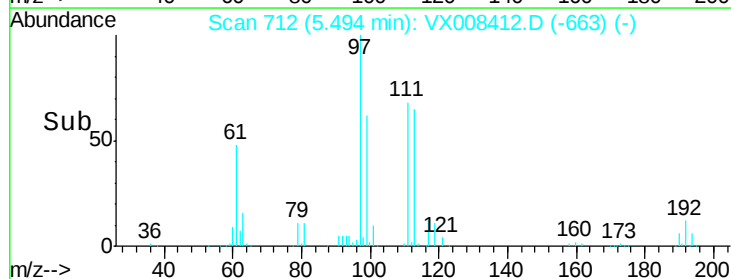
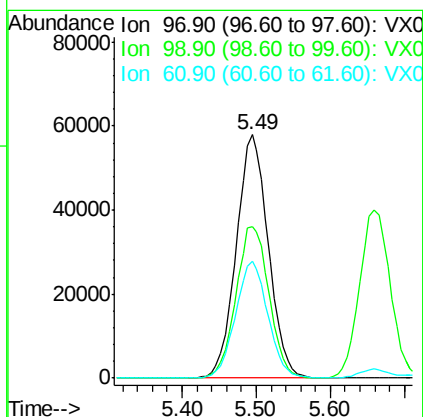
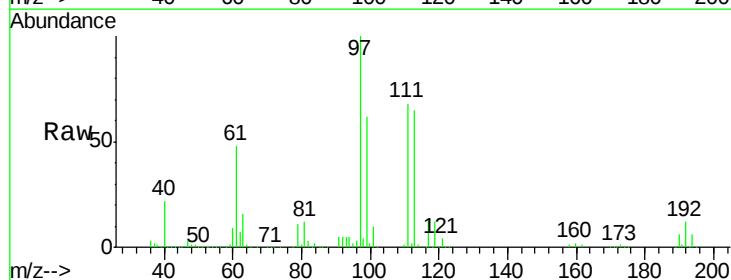
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

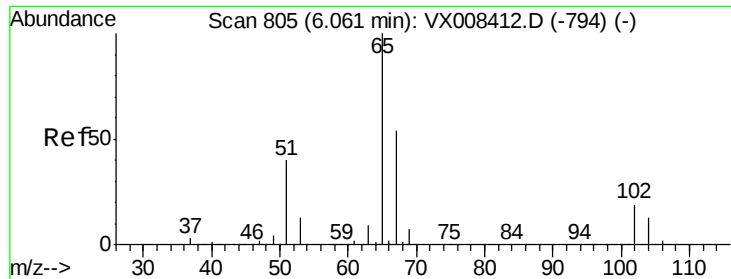
Tgt Ion: 56 Resp: 223674
Ion Ratio Lower Upper
56 100
69 29.0 23.2 34.8
84 75.9 60.7 91.1



#32
1,1,1-Trichloroethane
Concen: 50.124 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

Tgt Ion: 97 Resp: 174633
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 48.5 38.8 58.2

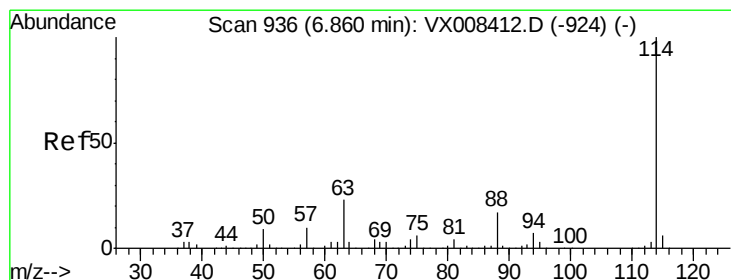
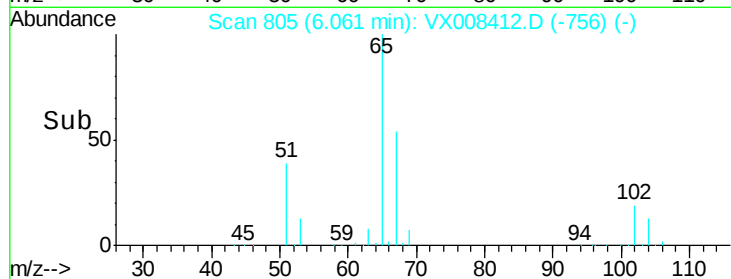
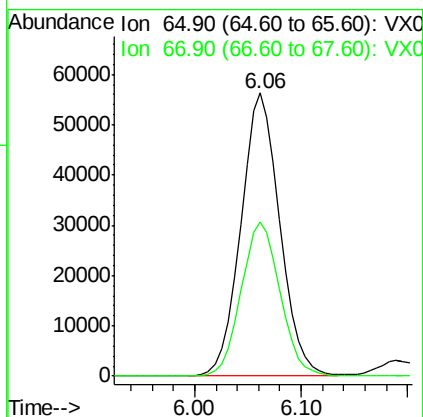
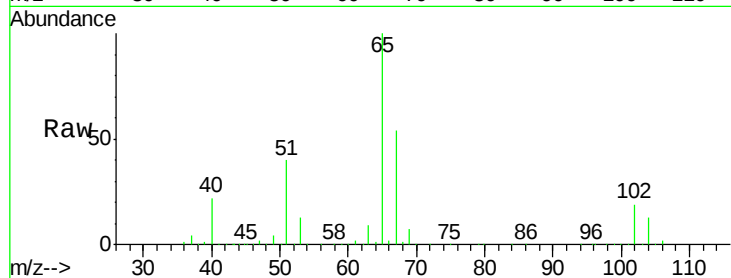




#33
 1,2-Dichloroethane-d4
 Concen: 48.723 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

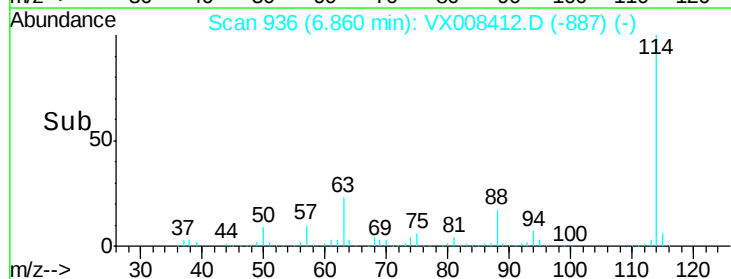
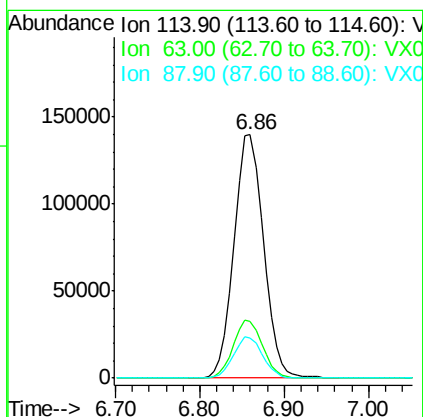
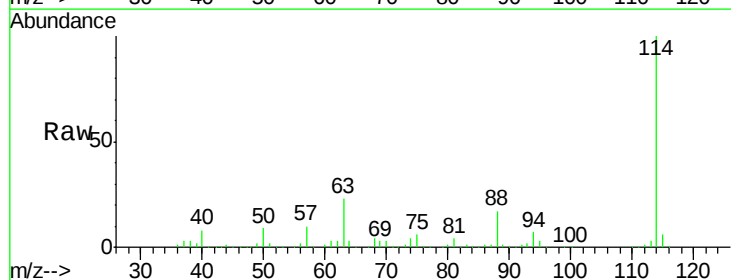
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

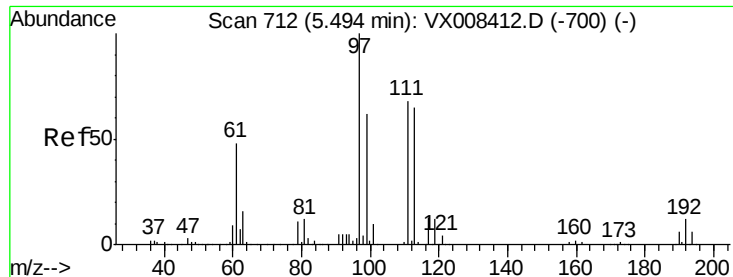
Tgt Ion: 65 Resp: 144175
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

Tgt Ion: 114 Resp: 332339
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 46.4
 88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.896 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

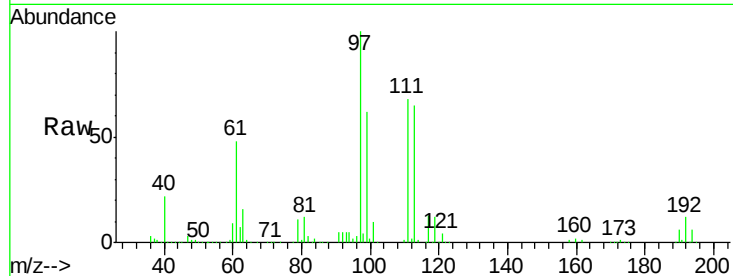
Tgt Ion:113 Resp: 107233

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.4

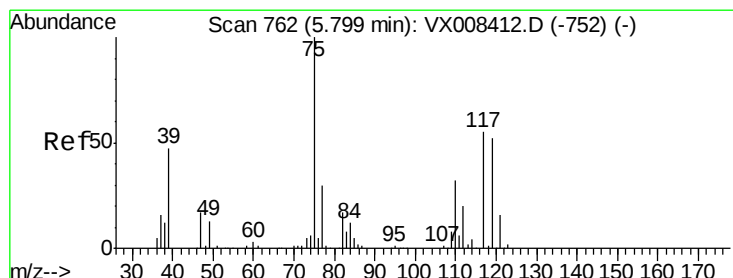
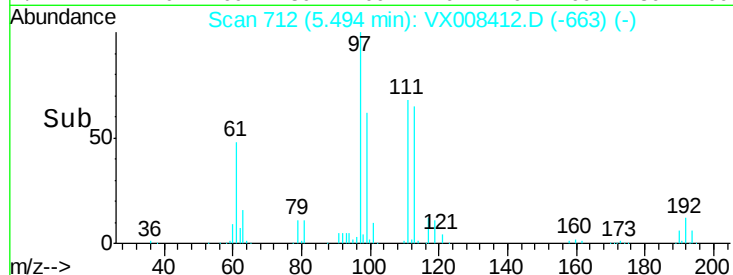
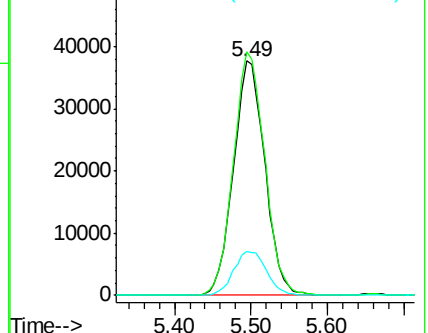
192 19.5 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.374 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

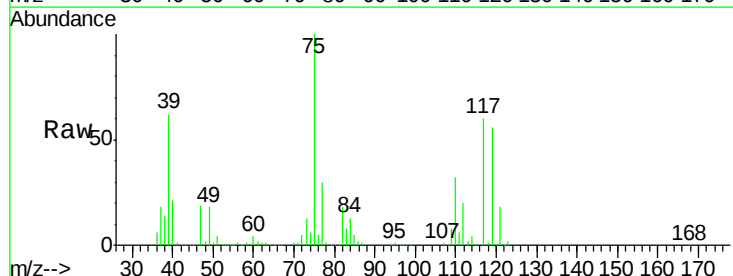
Tgt Ion: 75 Resp: 167410

Ion Ratio Lower Upper

75 100

110 33.1 16.6 49.7

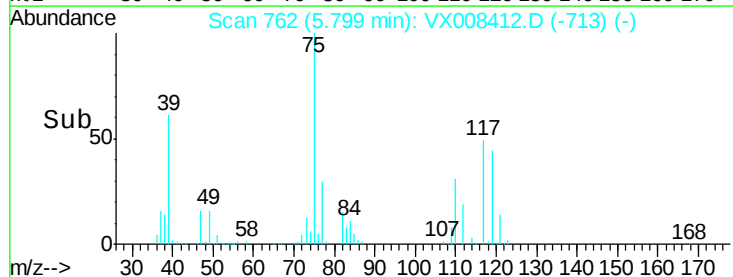
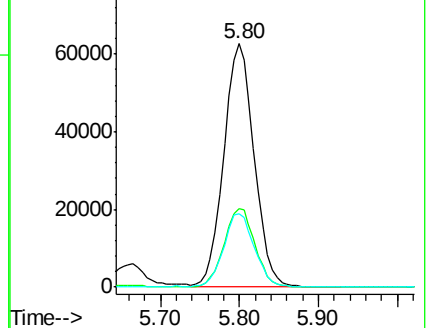
77 30.2 24.2 36.2

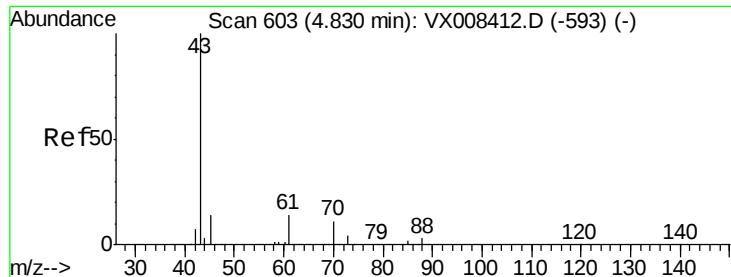


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

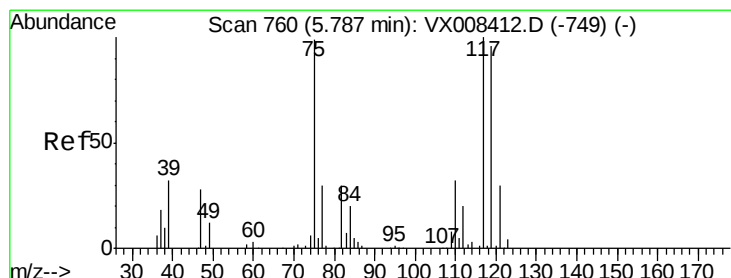
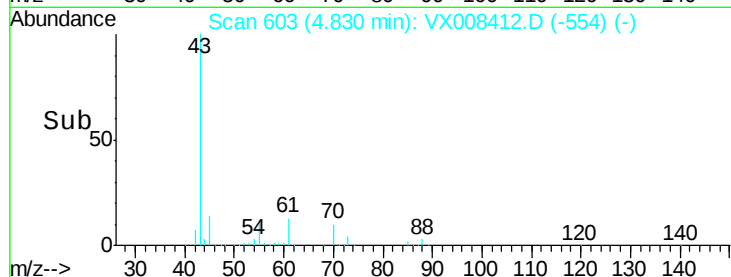
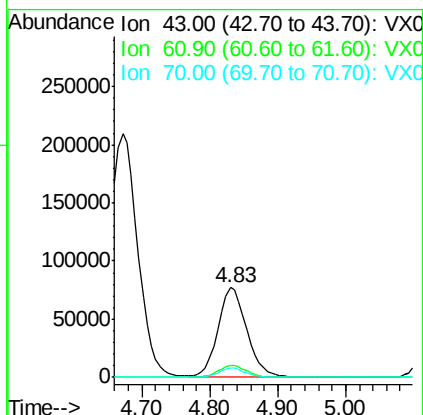
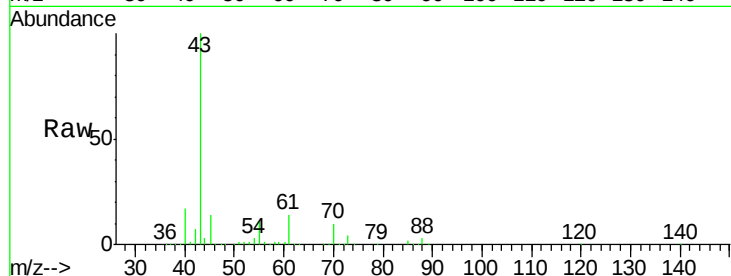




#37
Ethyl Acetate
Concen: 49.412 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

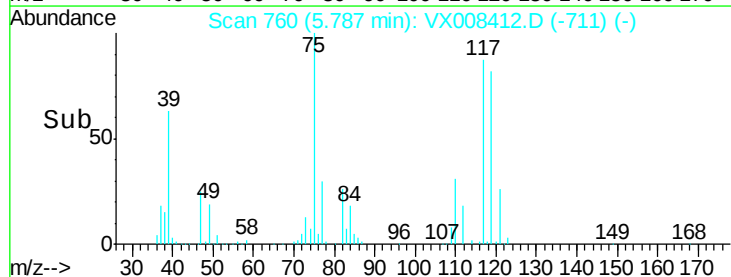
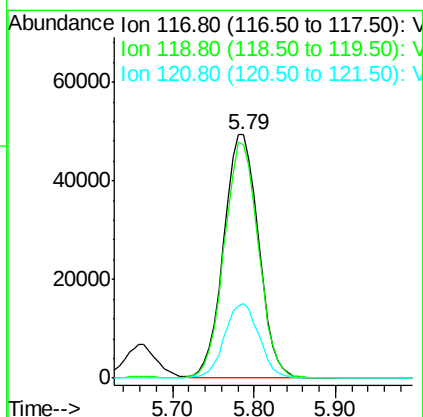
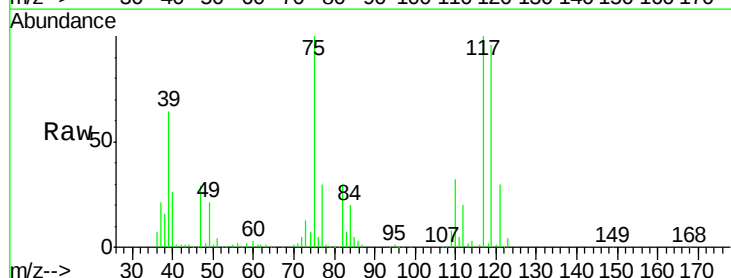
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

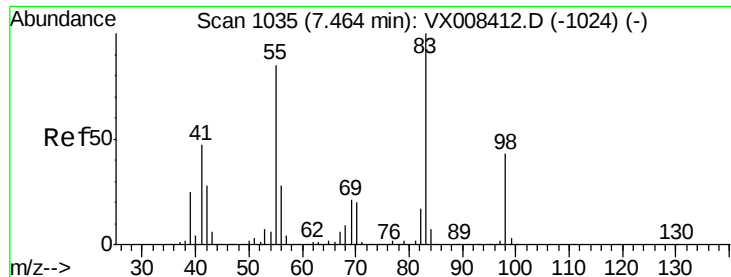
Tgt Ion: 43 Resp: 225799
Ion Ratio Lower Upper
43 100
61 13.1 10.5 15.7
70 9.8 7.8 11.8



#38
Carbon Tetrachloride
Concen: 50.258 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

Tgt Ion: 117 Resp: 146441
Ion Ratio Lower Upper
117 100
119 95.9 76.7 115.1
121 30.4 24.3 36.5

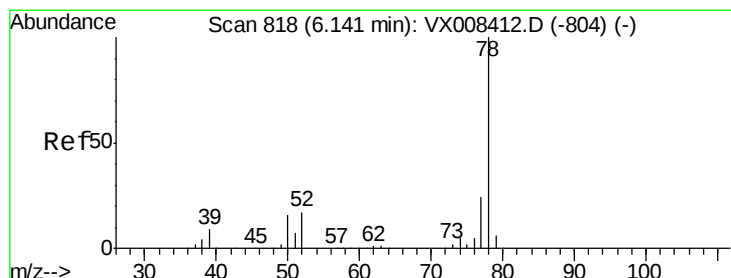
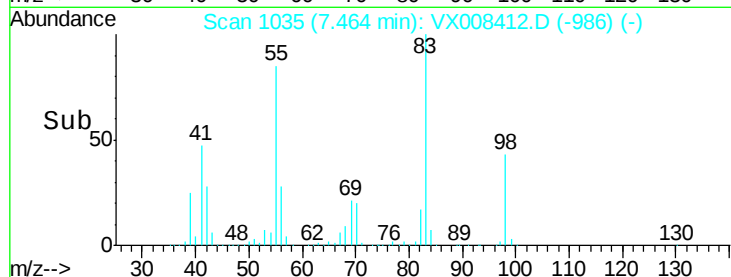
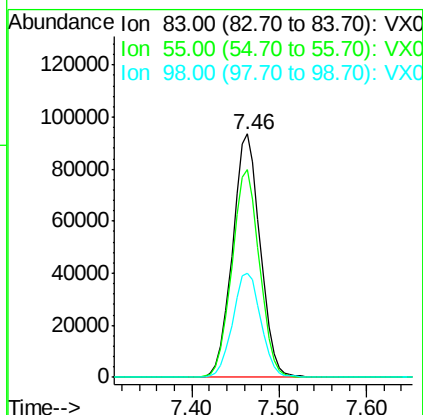
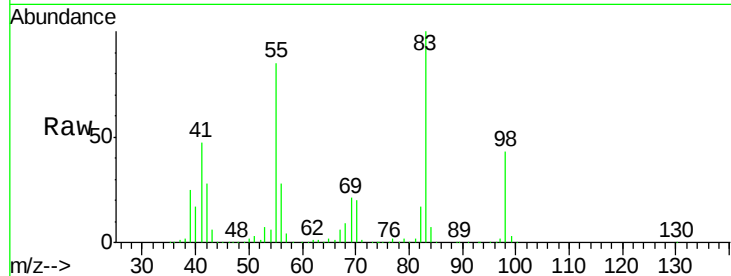




#39
Methylcyclohexane
Concen: 49.414 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

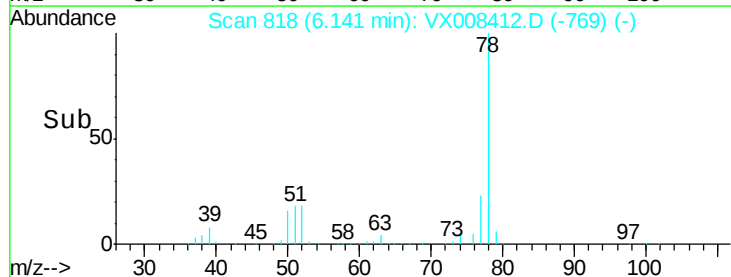
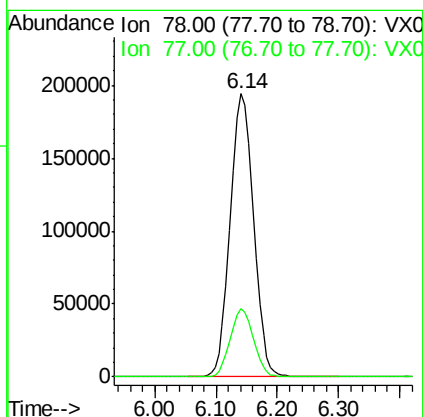
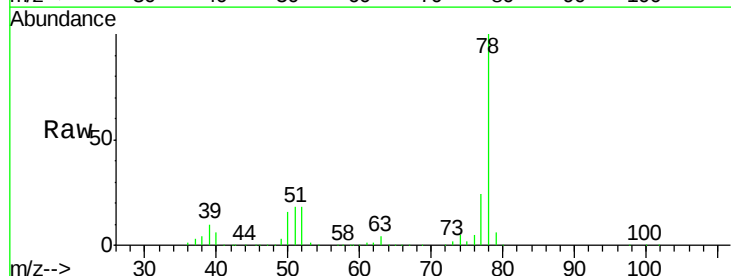
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

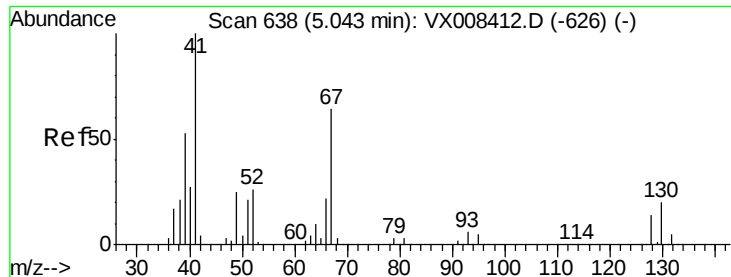
Tgt Ion: 83 Resp: 205526
Ion Ratio Lower Upper
83 100
55 85.3 68.2 102.4
98 42.8 34.2 51.4



#40
Benzene
Concen: 49.397 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

Tgt Ion: 78 Resp: 510697
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#41

Methacrylonitrile

Concen: 50.956 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tgt Ion: 41 Resp: 127198

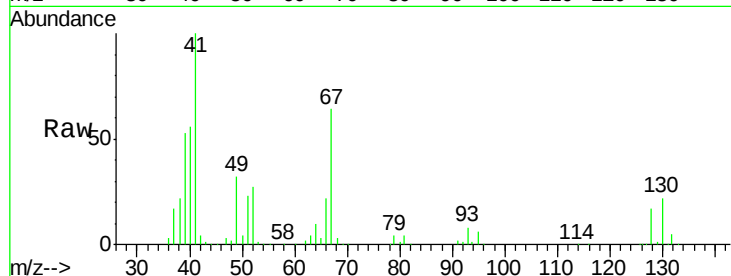
Ion Ratio Lower Upper

41 100

39 53.3 42.6 64.0

67 65.3 52.2 78.4

52 26.7 21.4 32.0

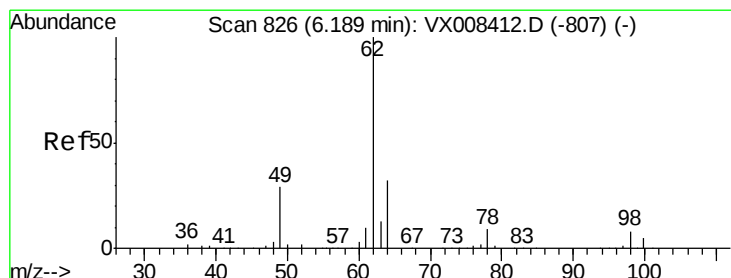
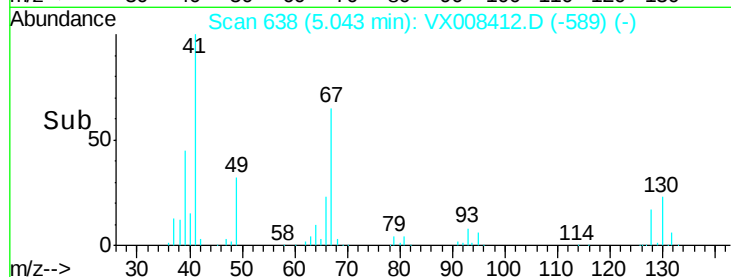
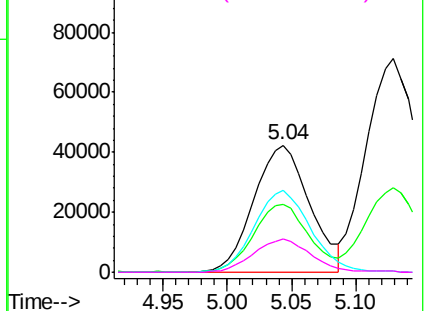


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.602 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX008412.D

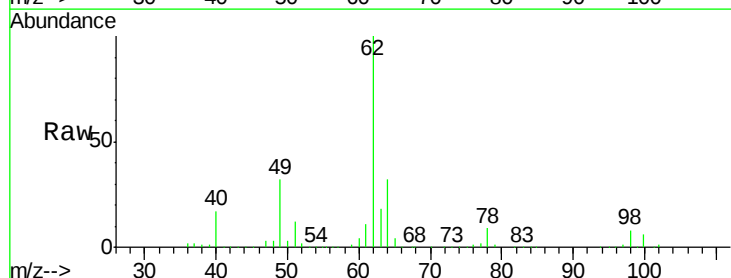
Acq: 25 Mar 2019 14:54

Tgt Ion: 62 Resp: 182381

Ion Ratio Lower Upper

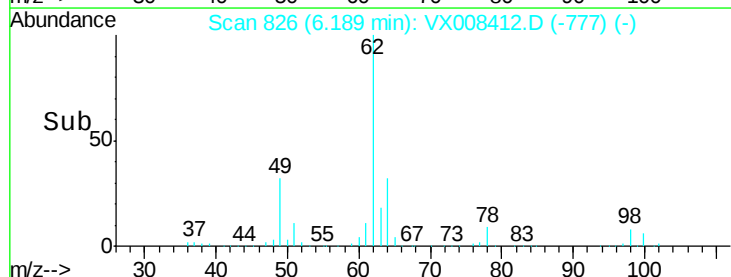
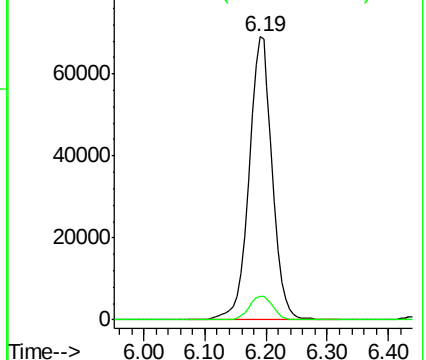
62 100

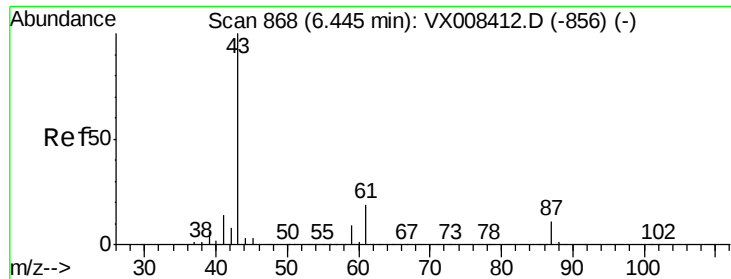
98 8.8 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.452 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

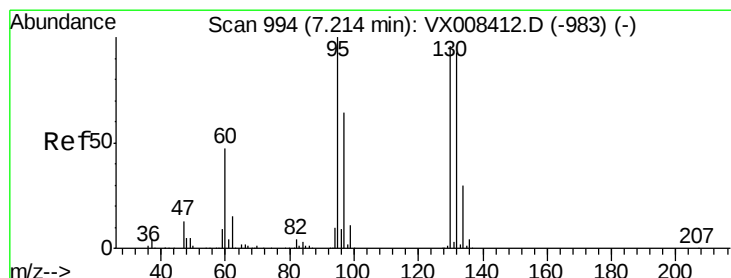
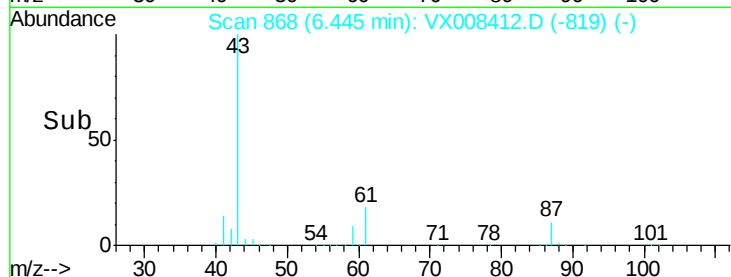
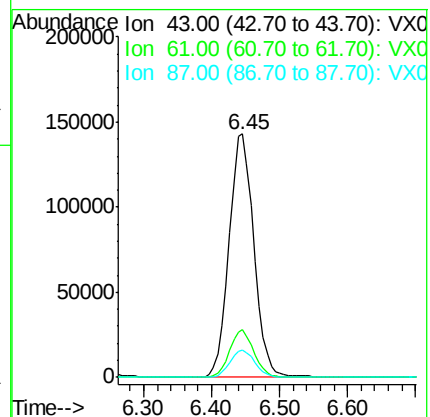
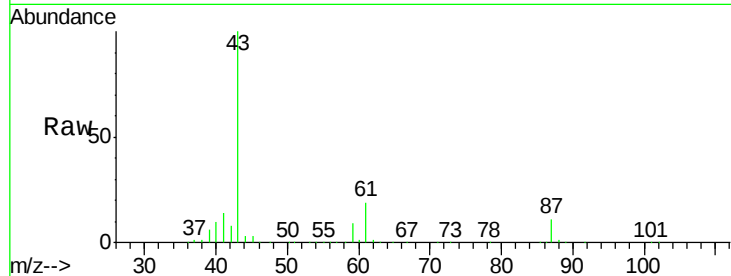
Tgt Ion: 43 Resp: 359986

Ion Ratio Lower Upper

43 100

61 19.3 15.4 23.2

87 11.4 9.1 13.7



#44

Trichloroethene

Concen: 48.521 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008412.D

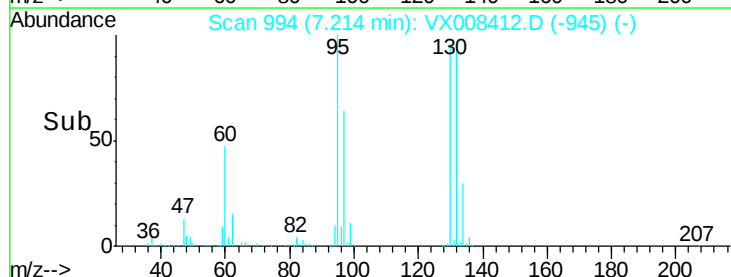
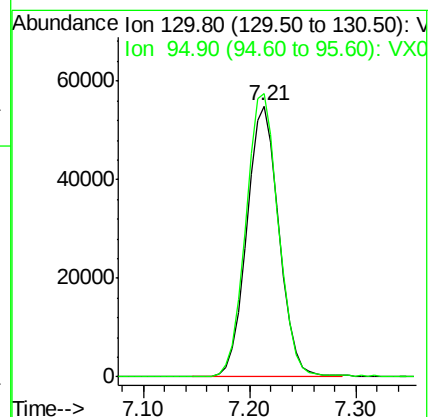
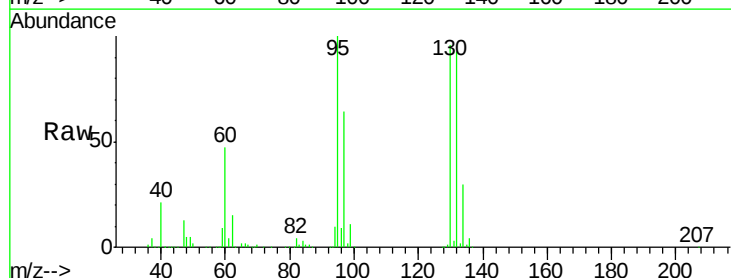
Acq: 25 Mar 2019 14:54

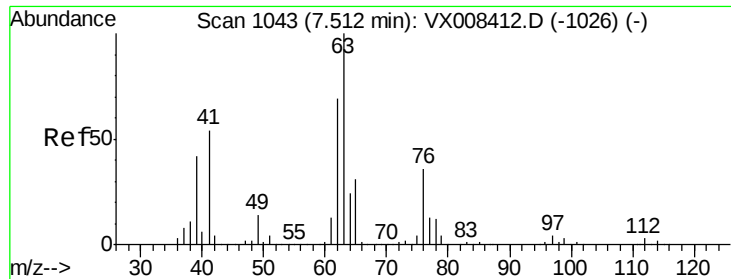
Tgt Ion: 130 Resp: 116587

Ion Ratio Lower Upper

130 100

95 104.4 0.0 208.8





#45

1,2-Dichloropropane

Concen: 50.065 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

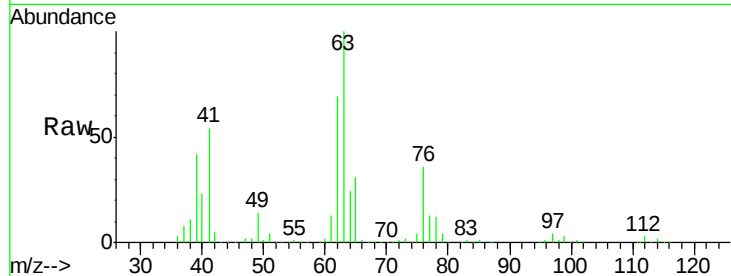
VSTDICCC050

Tgt Ion: 63 Resp: 146544

Ion Ratio Lower Upper

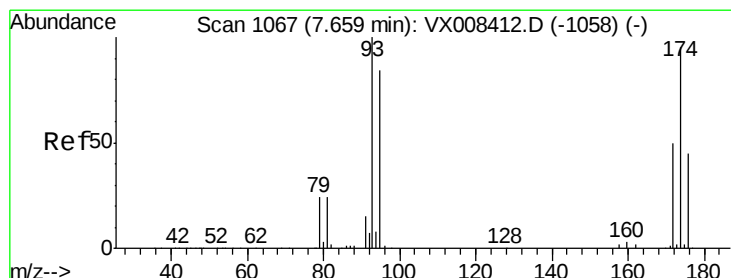
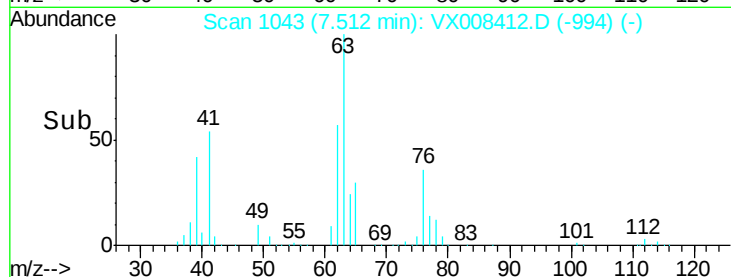
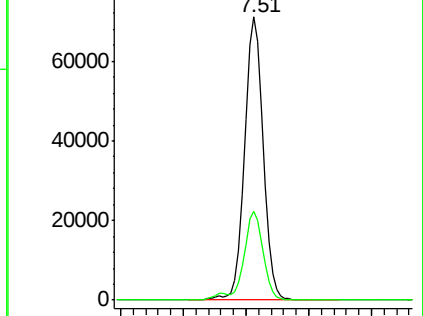
63 100

65 31.4 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: 48.148 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

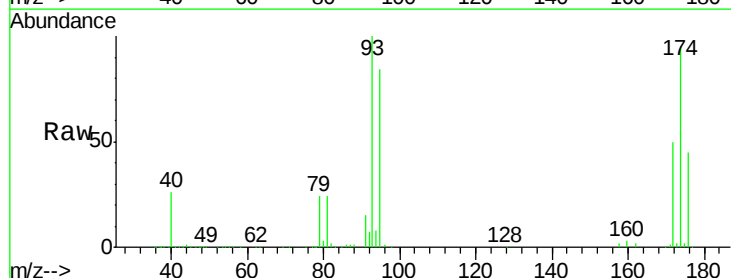
Tgt Ion: 93 Resp: 83469

Ion Ratio Lower Upper

93 100

95 83.8 67.0 100.6

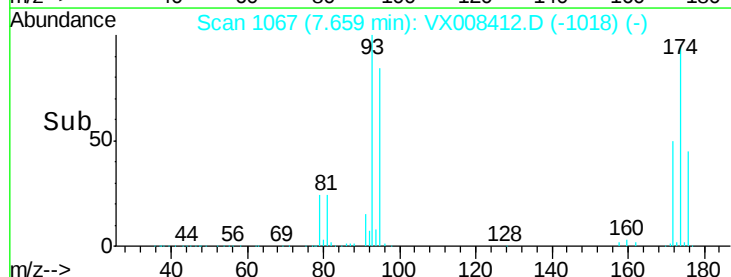
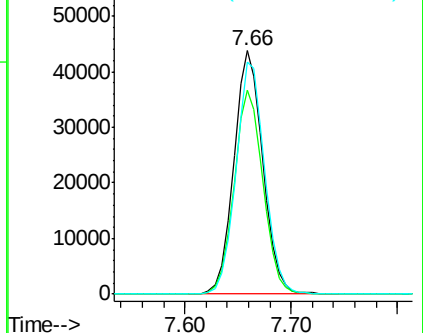
174 95.0 76.0 114.0

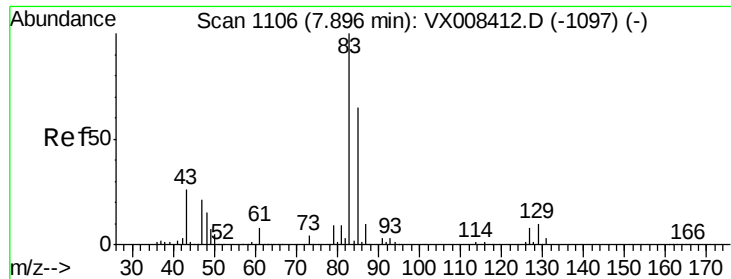


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.525 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

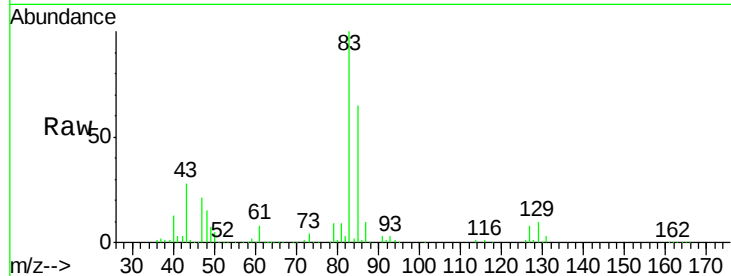
Tgt Ion: 83 Resp: 167360

Ion Ratio Lower Upper

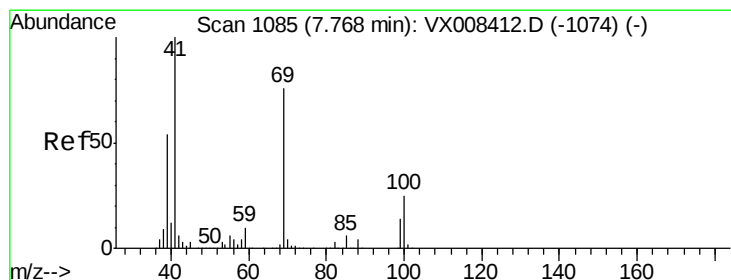
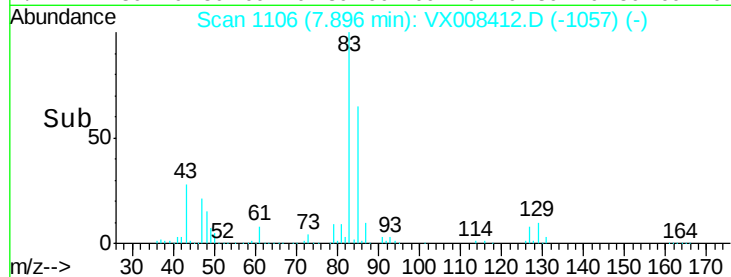
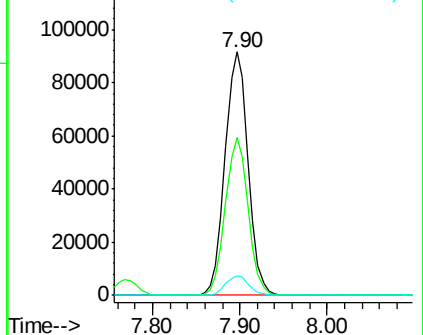
83 100

85 65.0 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: 50.707 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

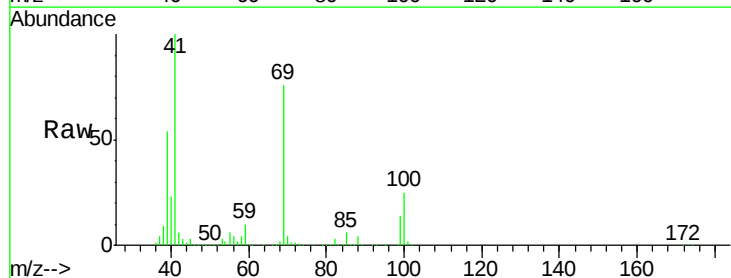
Tgt Ion: 41 Resp: 183179

Ion Ratio Lower Upper

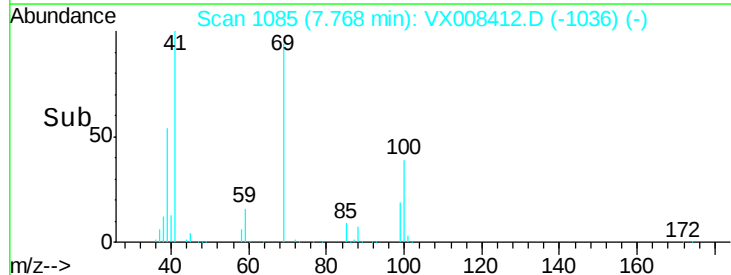
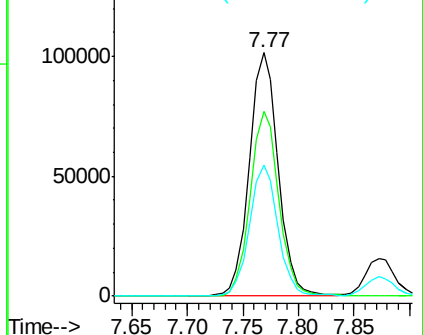
41 100

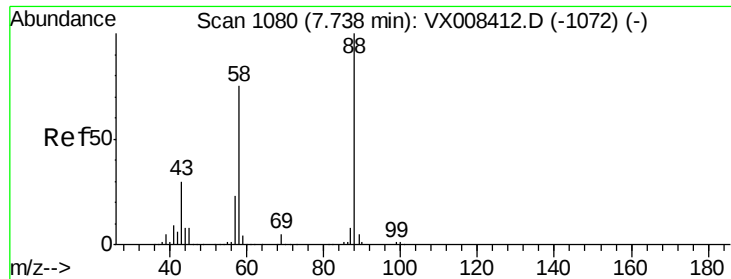
69 76.0 60.8 91.2

39 52.9 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

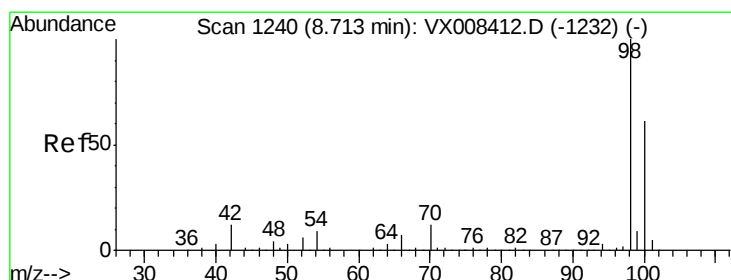
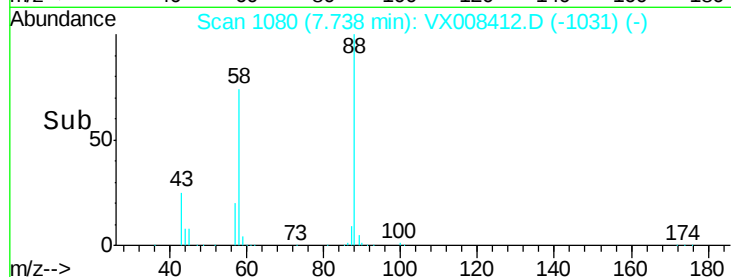
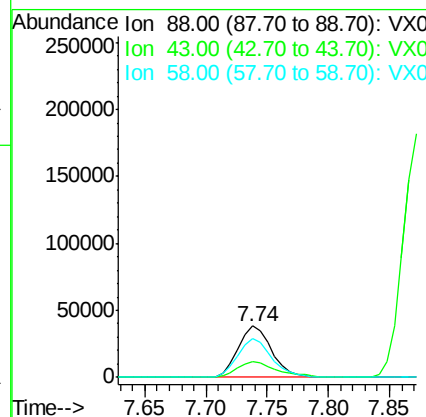
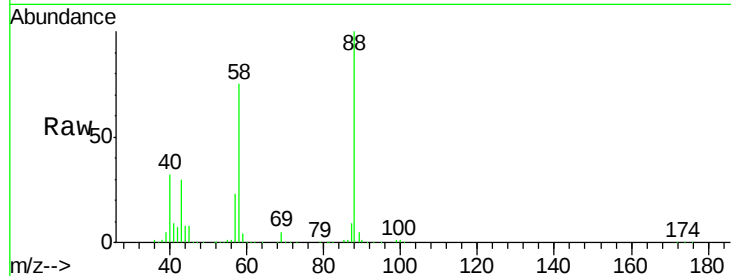




#49
1,4-Dioxane
Concen: 987.289 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

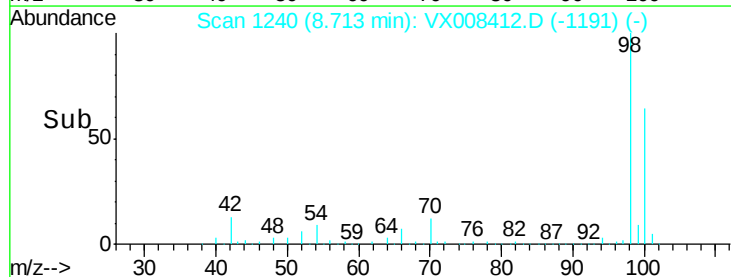
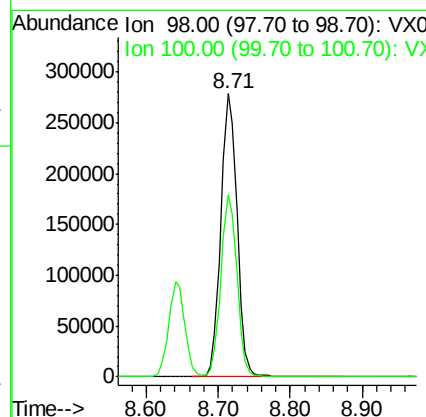
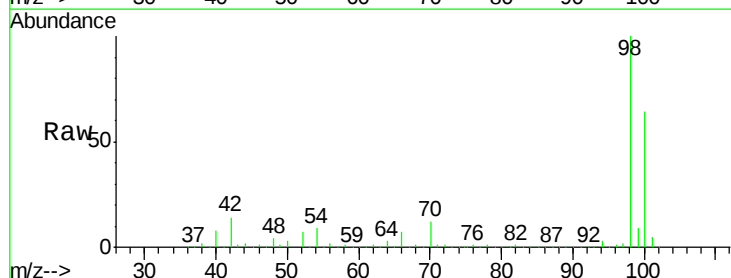
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

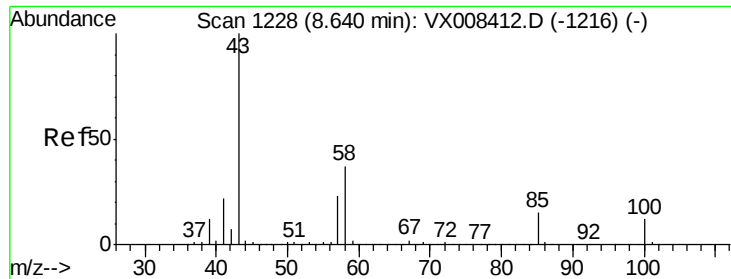
Tgt Ion: 88 Resp: 72000
Ion Ratio Lower Upper
88 100
43 35.8 28.6 43.0
58 78.7 63.0 94.4



#50
Toluene-d8
Concen: 50.722 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

Tgt Ion: 98 Resp: 433369
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 253.442 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

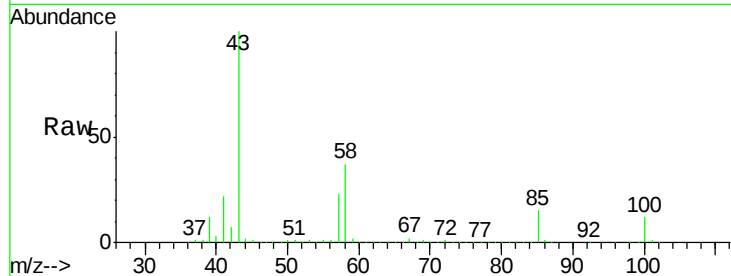
VSTDICCC050

Tgt Ion: 43 Resp: 1191340

Ion Ratio Lower Upper

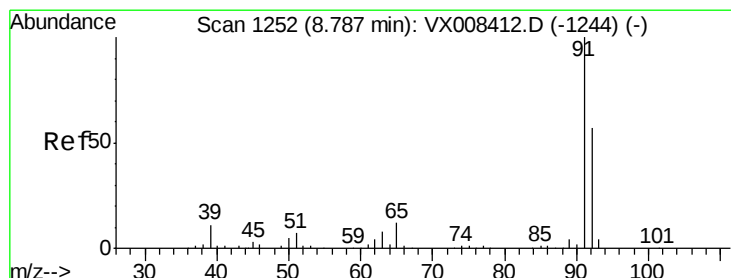
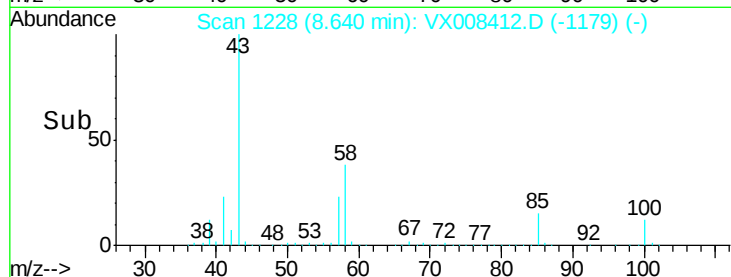
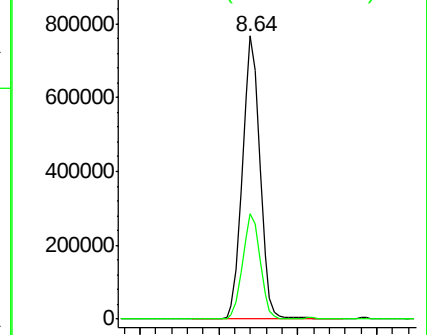
43 100

58 37.3 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.354 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008412.D

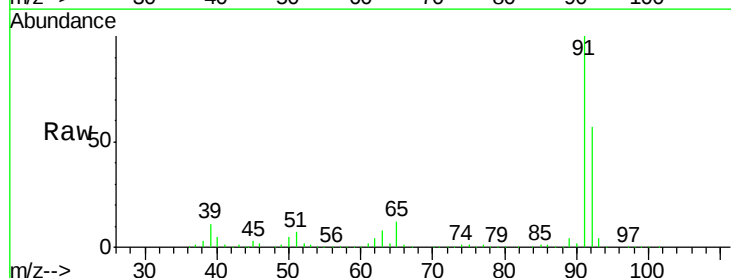
Acq: 25 Mar 2019 14:54

Tgt Ion: 92 Resp: 305997

Ion Ratio Lower Upper

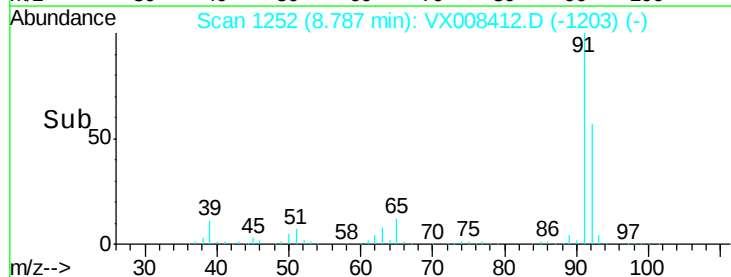
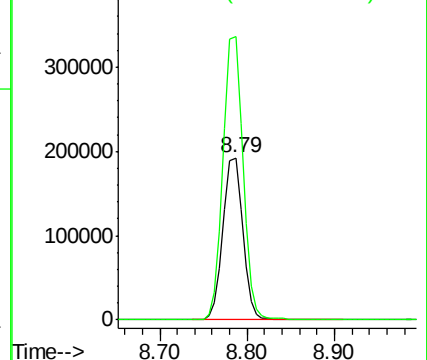
92 100

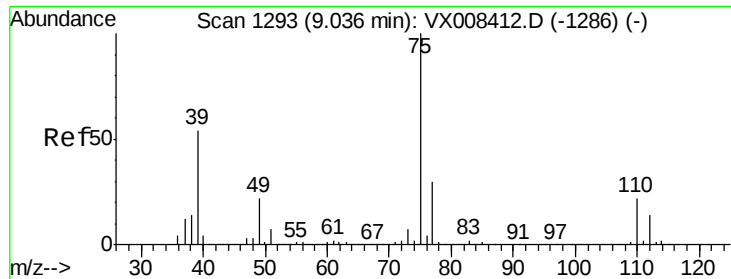
91 175.3 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

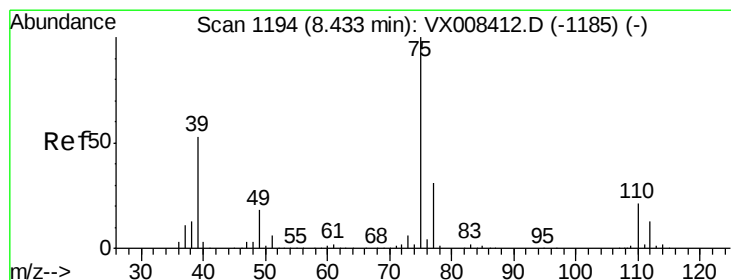
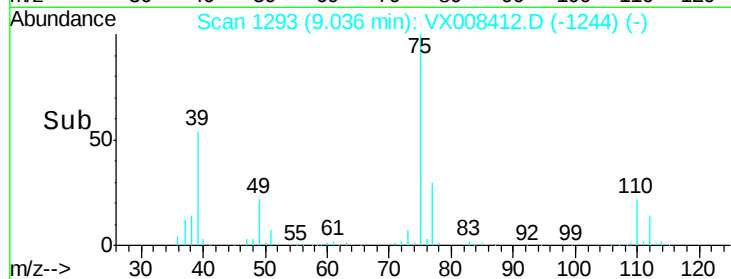
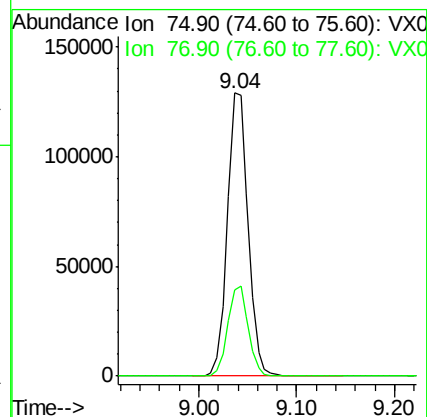
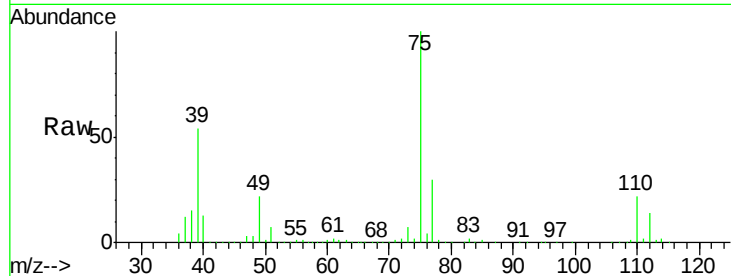




#53
 t-1,3-Dichloropropene
 Concen: 53.063 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

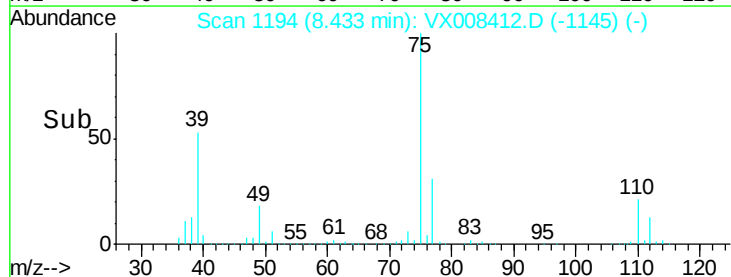
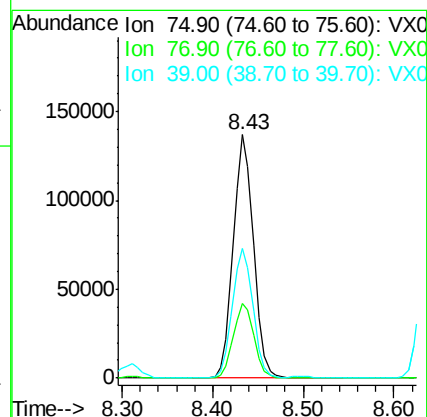
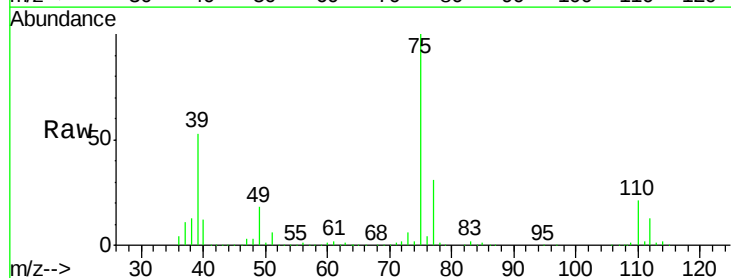
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

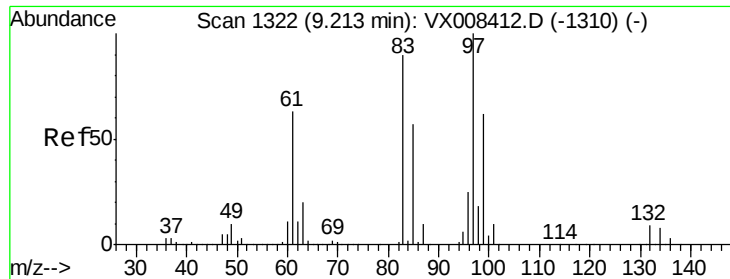
Tgt Ion: 75 Resp: 189368
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 52.570 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

Tgt Ion: 75 Resp: 211967
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.7 37.1
 39 53.0 42.4 63.6

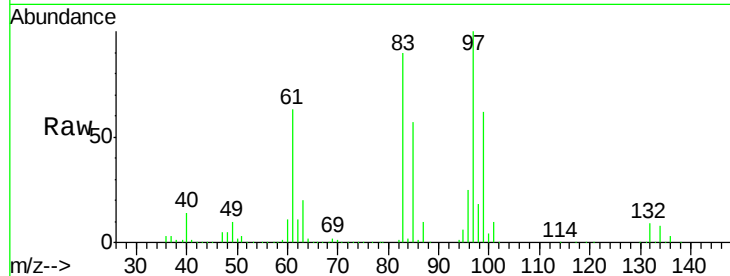




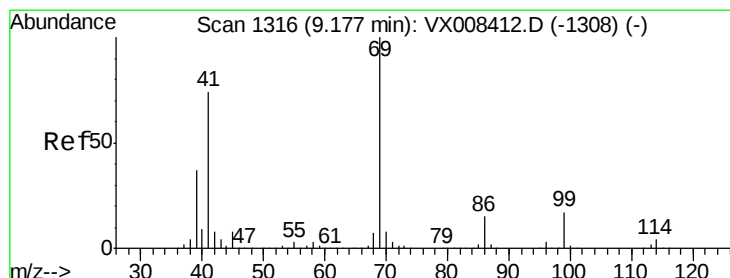
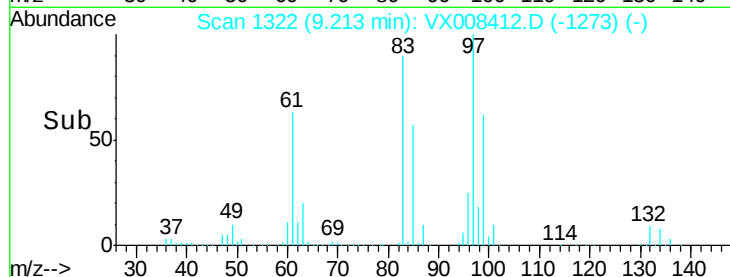
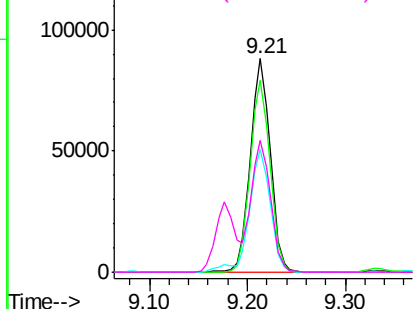
#55
 1,1,2-Trichloroethane
 Concen: 49.666 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 125353
 Ion Ratio Lower Upper
 97 100
 83 89.7 71.8 107.6
 85 57.4 45.9 68.9
 99 61.7 49.4 74.0

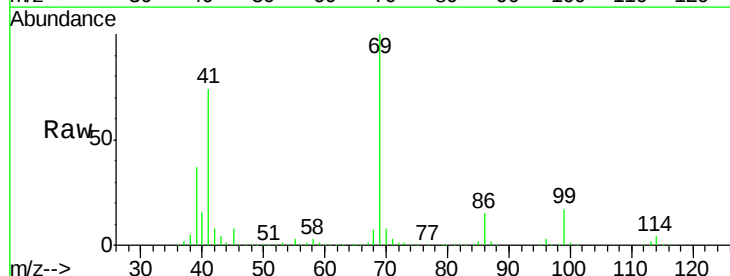


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

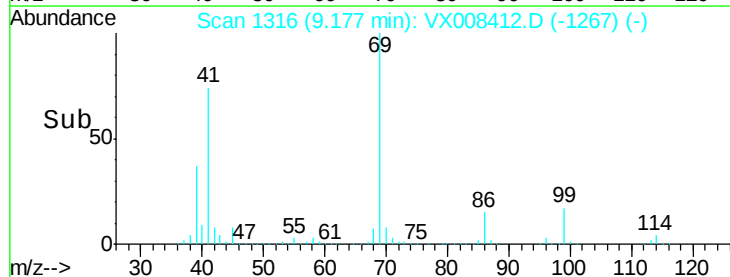
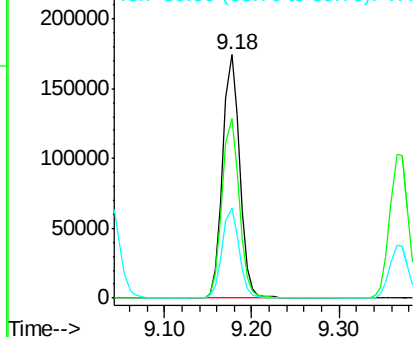


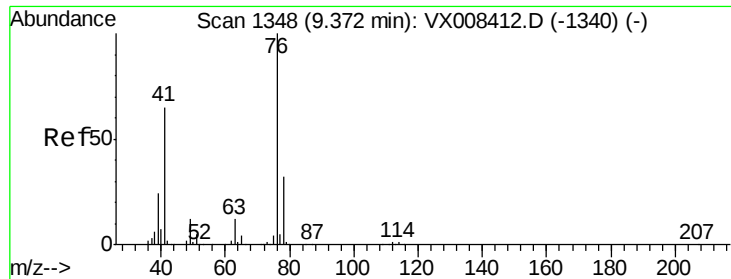
#56
 Ethyl methacrylate
 Concen: 52.473 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

Tgt Ion: 69 Resp: 234796
 Ion Ratio Lower Upper
 69 100
 41 74.4 59.5 89.3
 39 36.6 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: 49.673 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

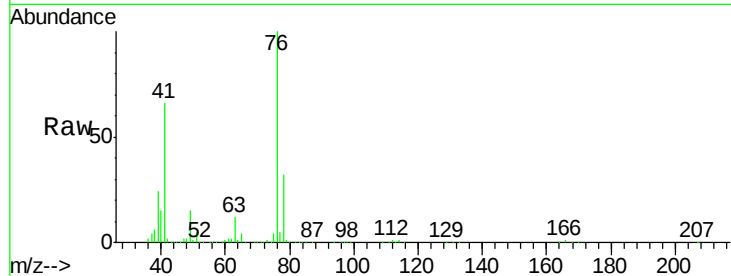
VSTDICCC050

Tgt Ion: 76 Resp: 222924

Ion Ratio Lower Upper

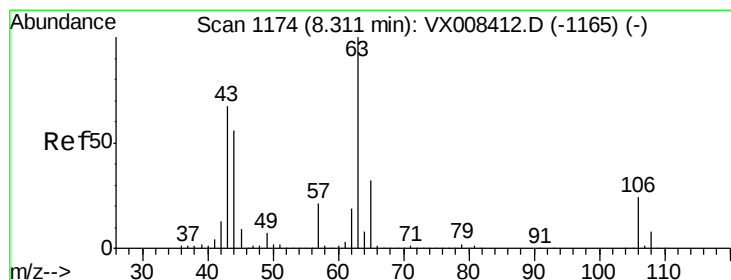
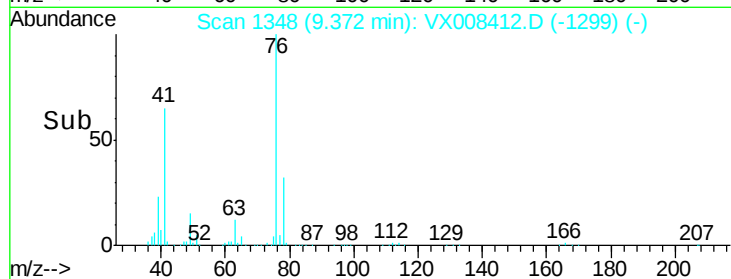
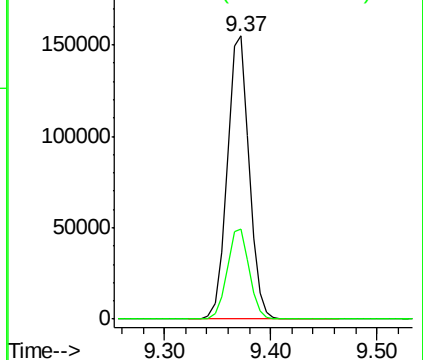
76 100

78 32.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 254.869 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008412.D

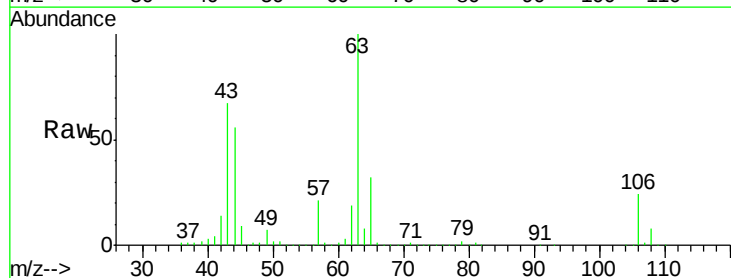
Acq: 25 Mar 2019 14:54

Tgt Ion: 63 Resp: 609272

Ion Ratio Lower Upper

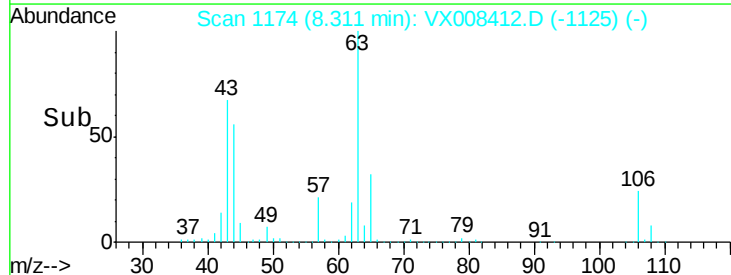
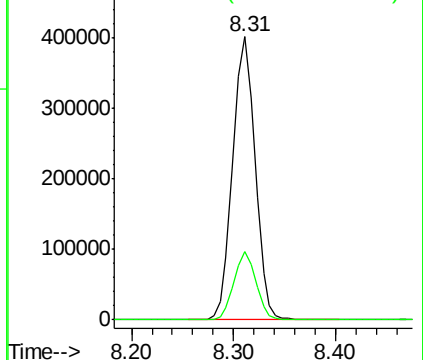
63 100

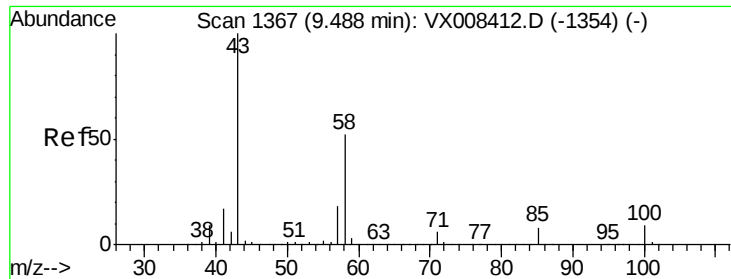
106 23.8 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

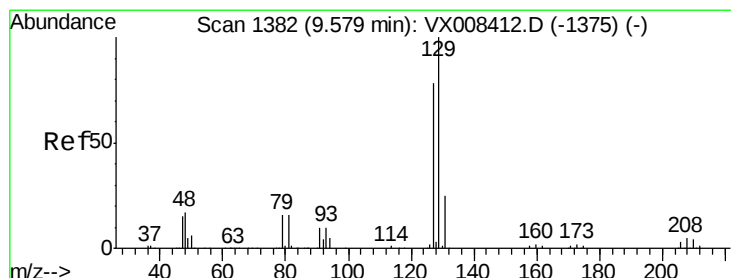
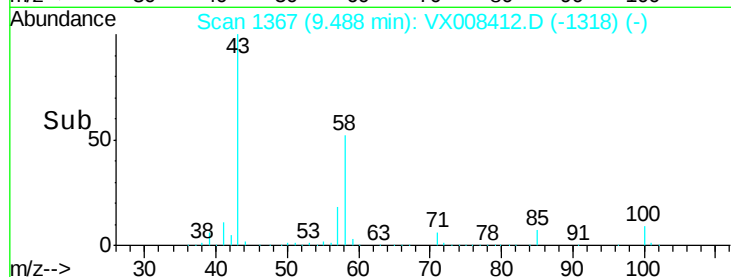
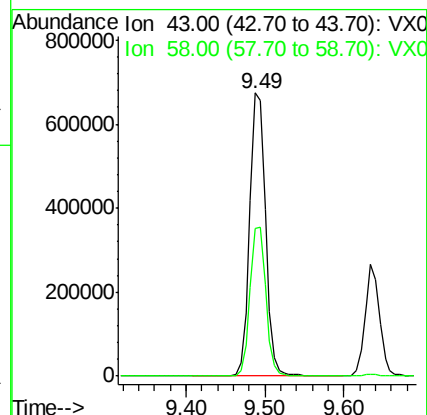
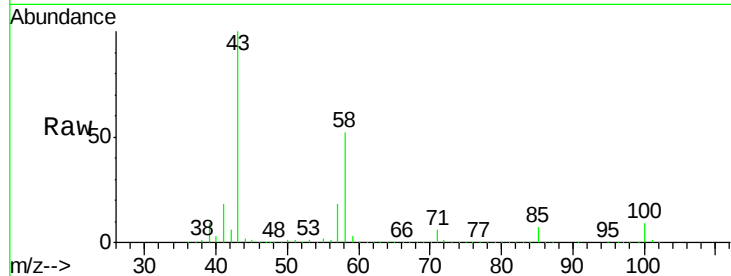




#59
2-Hexanone
Concen: 259.571 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

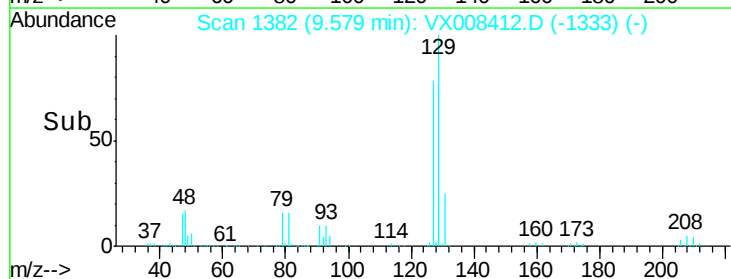
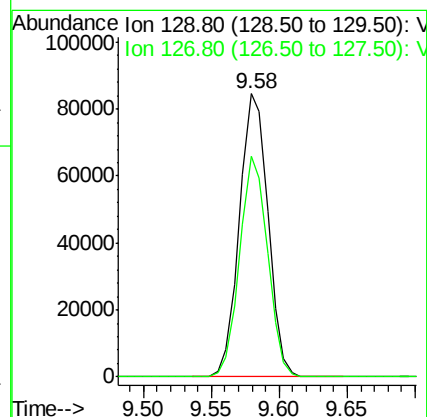
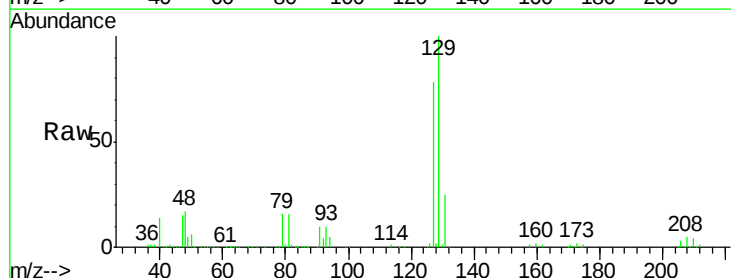
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

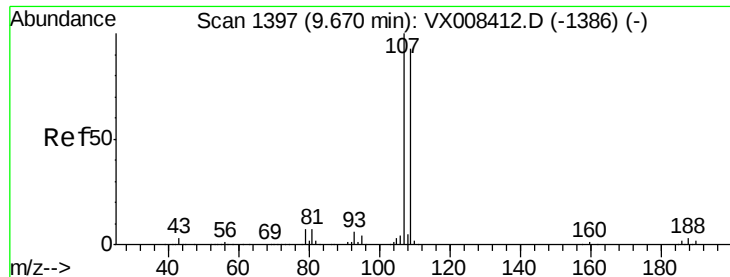
Tgt Ion: 43 Resp: 941405
Ion Ratio Lower Upper
43 100
58 52.6 26.3 78.9



#60
Dibromochloromethane
Concen: 52.975 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

Tgt Ion: 129 Resp: 124244
Ion Ratio Lower Upper
129 100
127 76.2 38.1 114.3





#61

1,2-Dibromoethane

Concen: 50.609 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

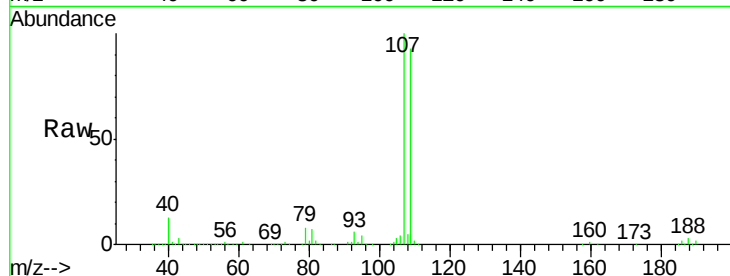
VSTDICCC050

Tgt Ion: 107 Resp: 129488

Ion Ratio Lower Upper

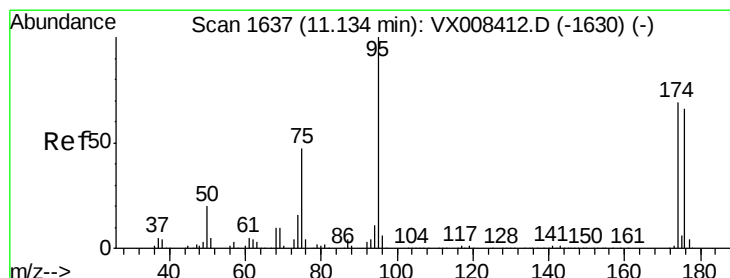
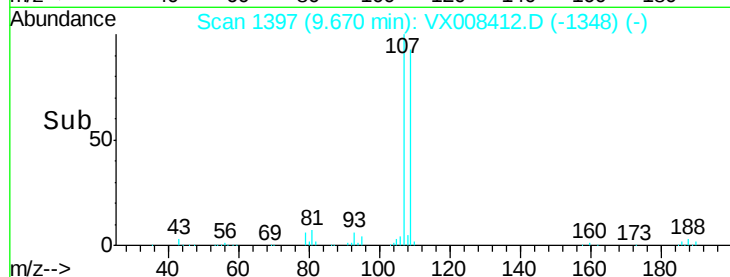
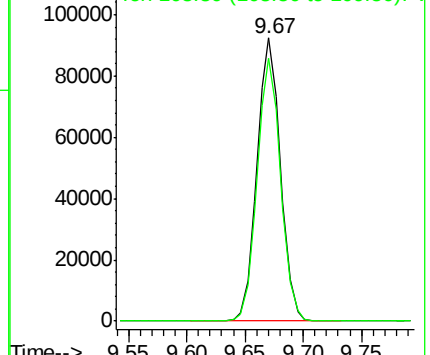
107 100

109 93.2 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: 51.179 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

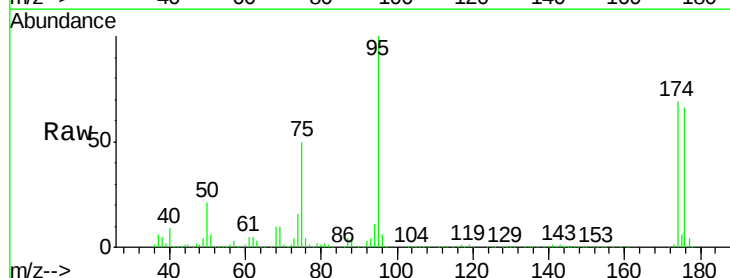
Tgt Ion: 95 Resp: 161603

Ion Ratio Lower Upper

95 100

174 73.6 0.0 147.2

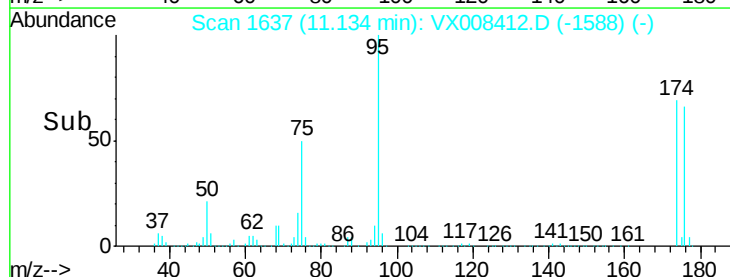
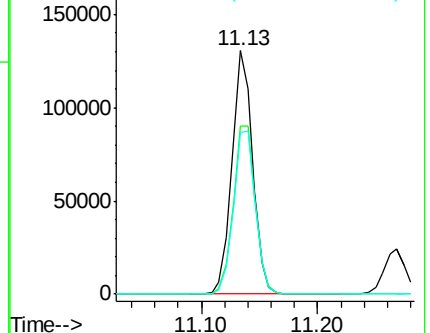
176 71.2 0.0 142.4

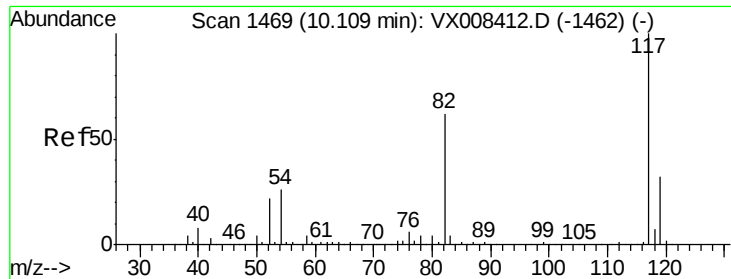


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

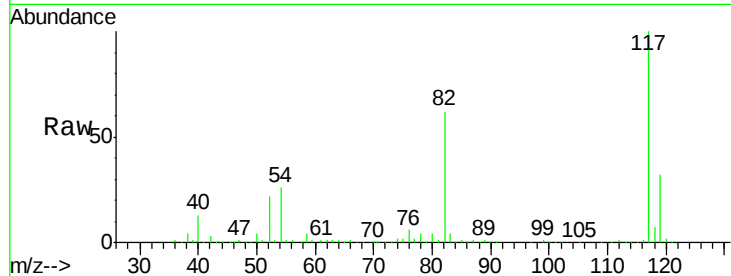




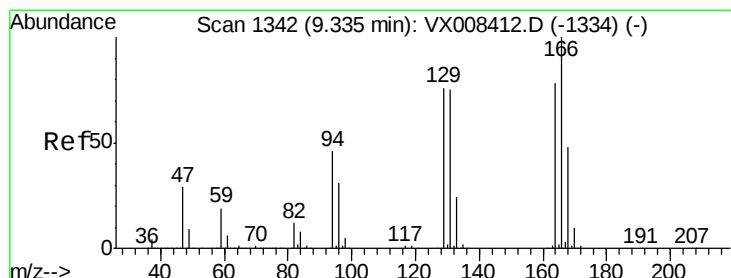
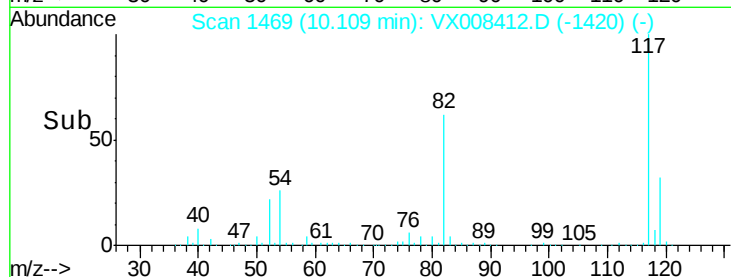
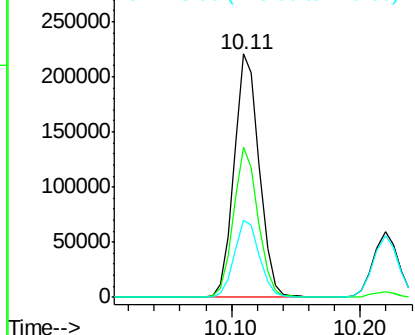
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 299920
Ion Ratio Lower Upper
117 100
82 61.8 49.4 74.2
119 31.7 25.4 38.0



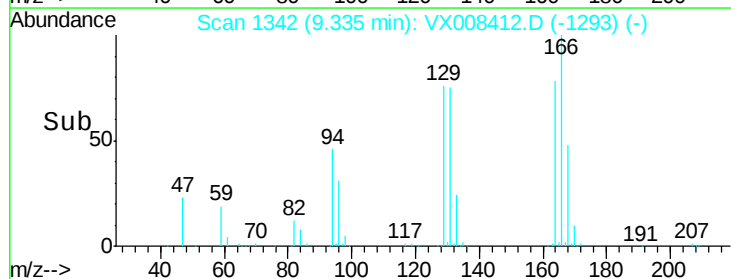
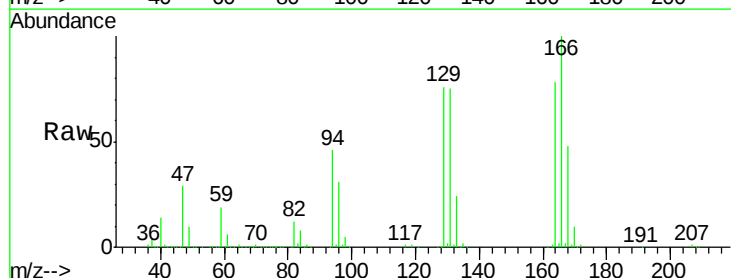
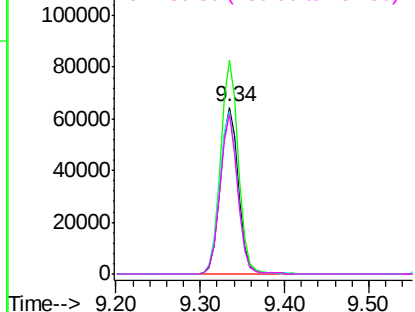
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

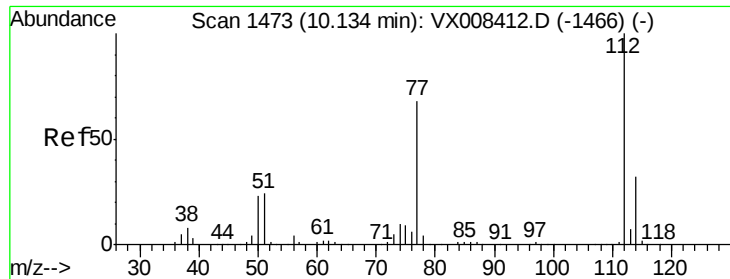


#64
Tetrachloroethene
Concen: 48.803 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

Tgt Ion:164 Resp: 95786
Ion Ratio Lower Upper
164 100
166 128.1 102.5 153.7
129 97.3 77.8 116.8
131 96.1 76.9 115.3

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

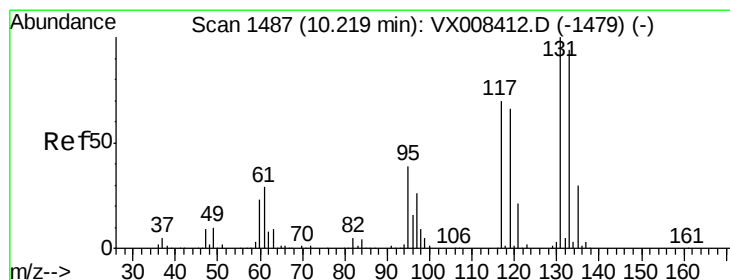
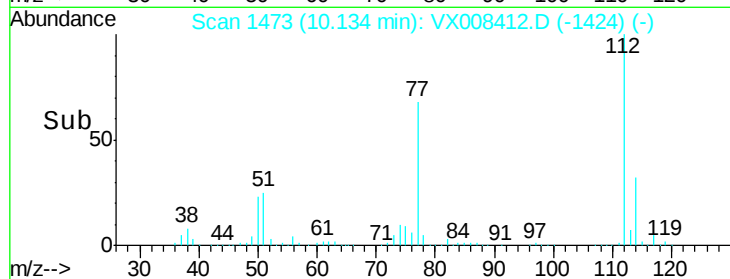
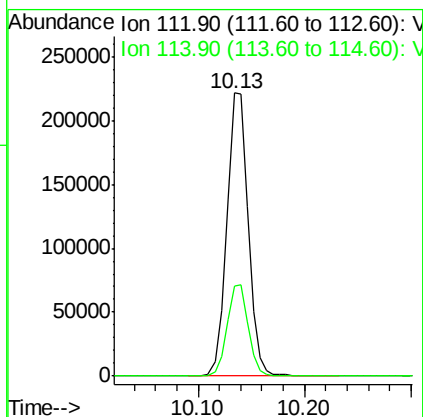
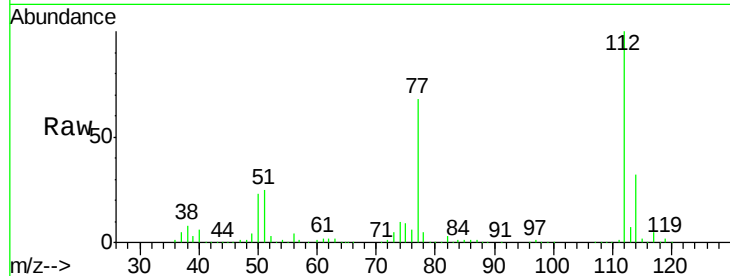




#65
Chlorobenzene
Concen: 49.576 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

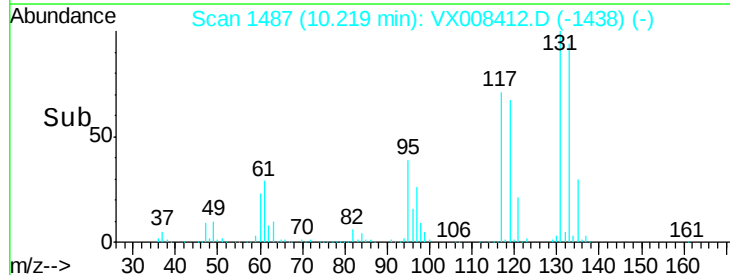
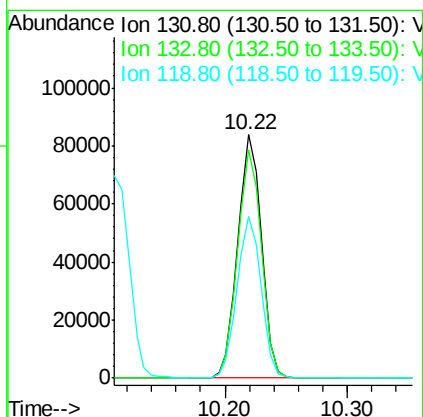
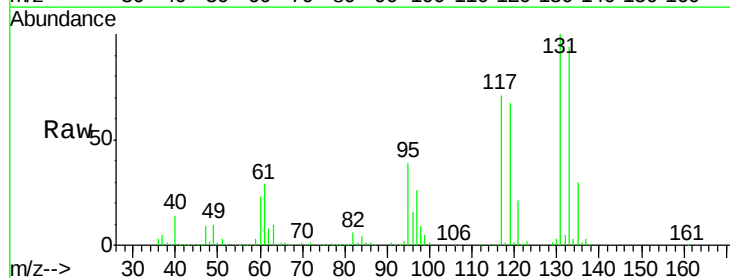
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

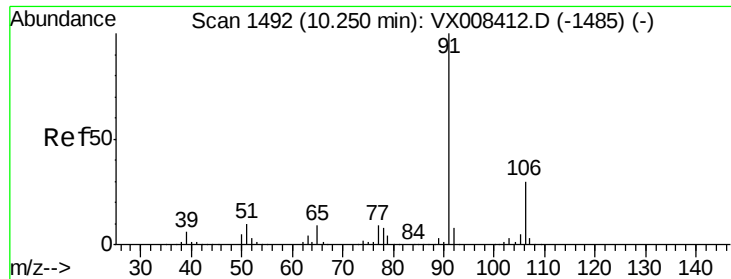
Tgt Ion:112 Resp: 312668
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.219 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

Tgt Ion:131 Resp: 112094
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 67.1 33.6 100.6





#67

Ethyl Benzene

Concen: 50.579 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

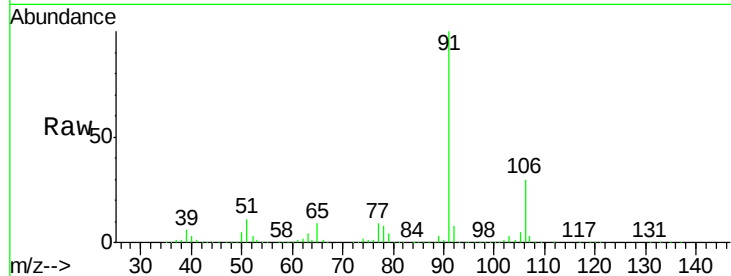
VSTDICCC050

Tgt Ion: 91 Resp: 598514

Ion Ratio Lower Upper

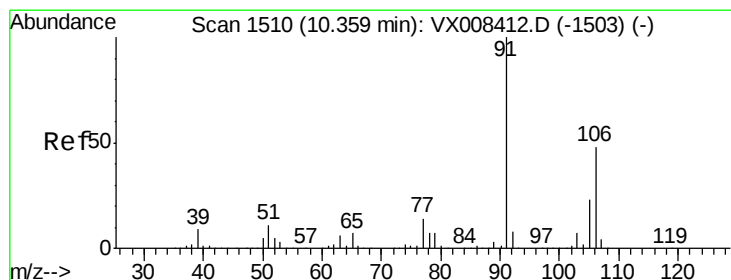
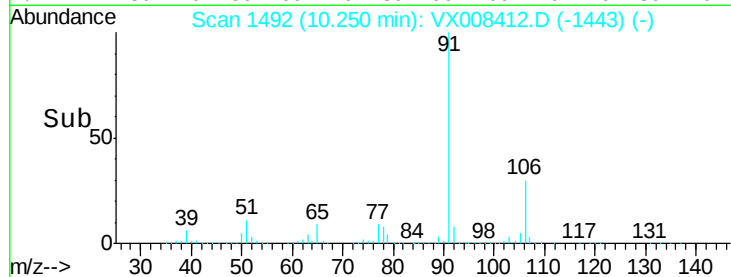
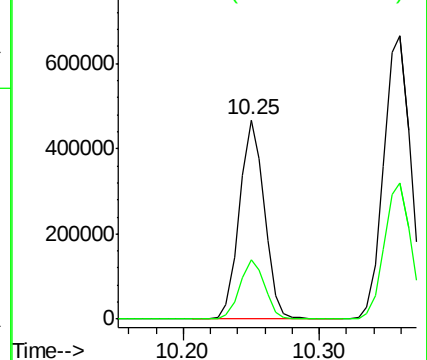
91 100

106 30.0 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 102.068 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008412.D

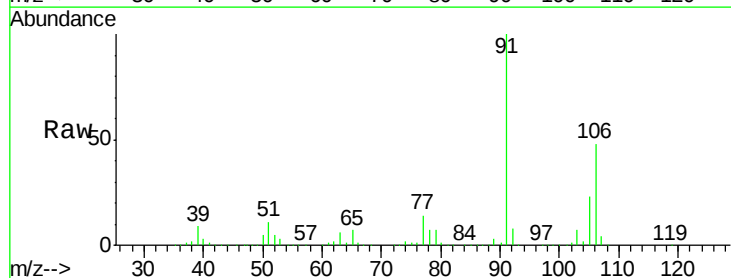
Acq: 25 Mar 2019 14:54

Tgt Ion: 106 Resp: 433935

Ion Ratio Lower Upper

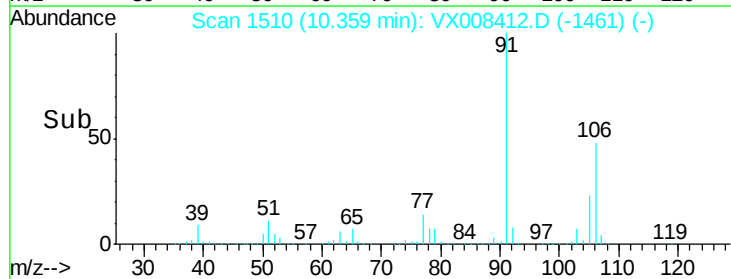
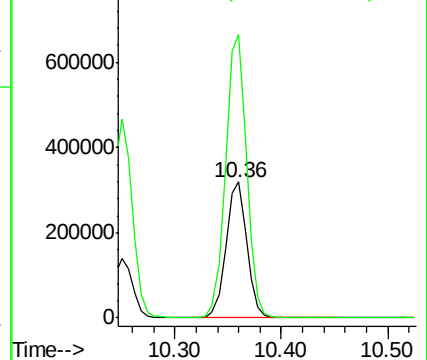
106 100

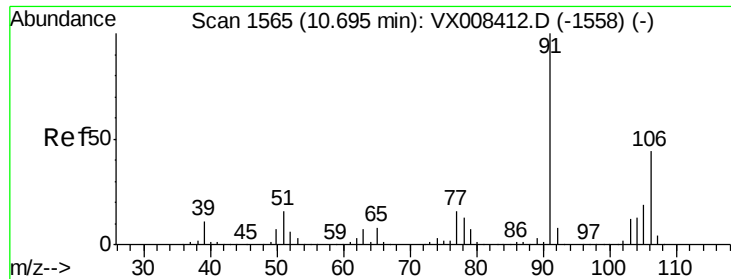
91 210.8 168.6 253.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

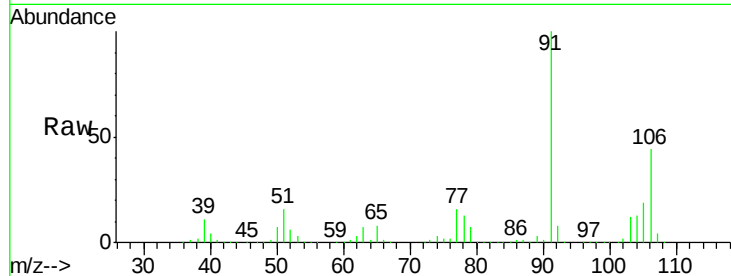




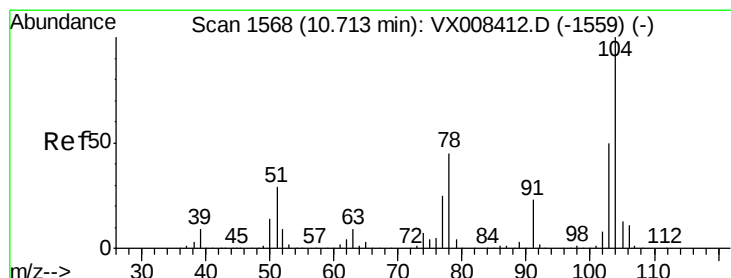
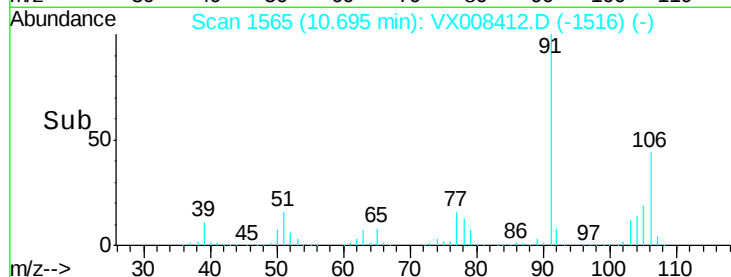
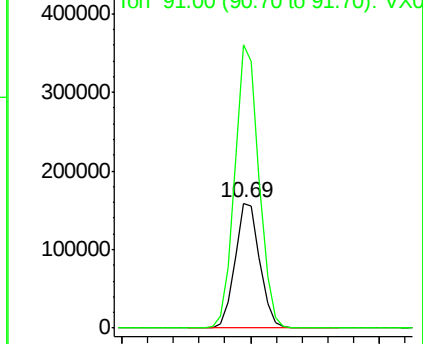
#69
o-Xylene
Concen: 50.906 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 211641
Ion Ratio Lower Upper
106 100
91 222.8 111.4 334.2

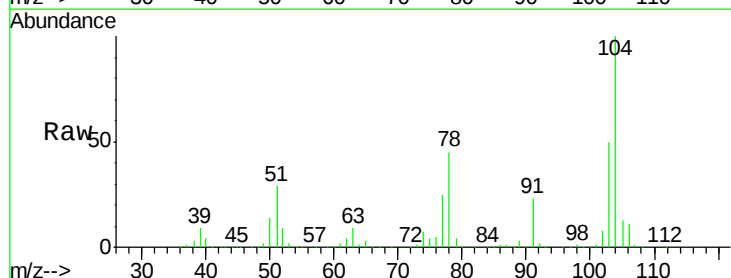


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

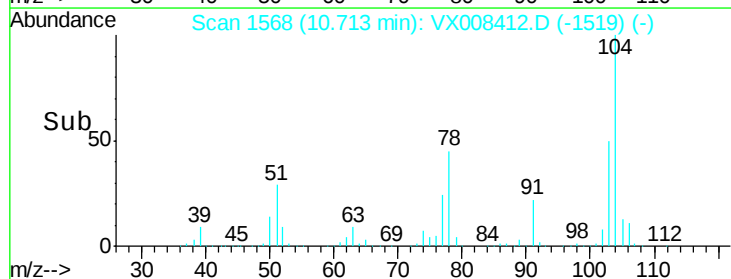
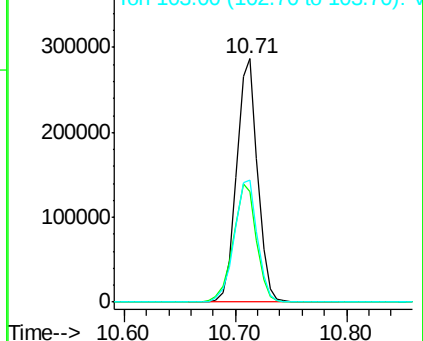


#70
Styrene
Concen: 51.678 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

Tgt Ion:104 Resp: 372717
Ion Ratio Lower Upper
104 100
78 53.1 42.5 63.7
103 55.3 44.2 66.4



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





#71

Bromoform

Concen: 53.848 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

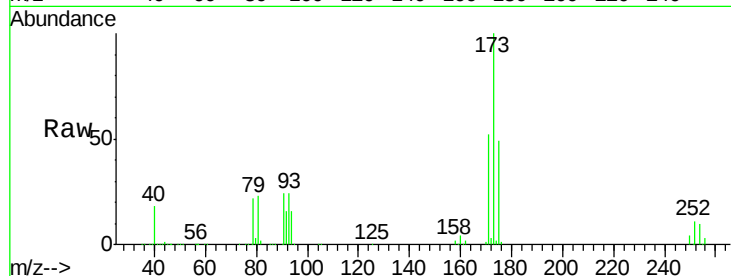
Tgt Ion:173 Resp: 91358

Ion Ratio Lower Upper

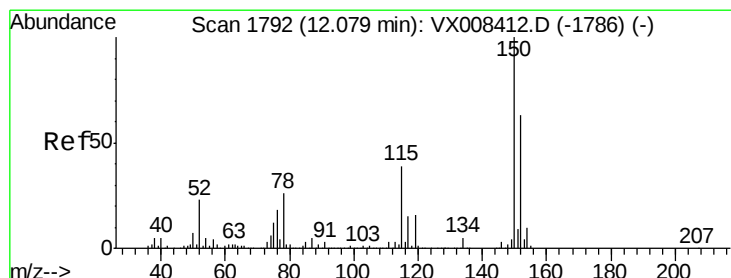
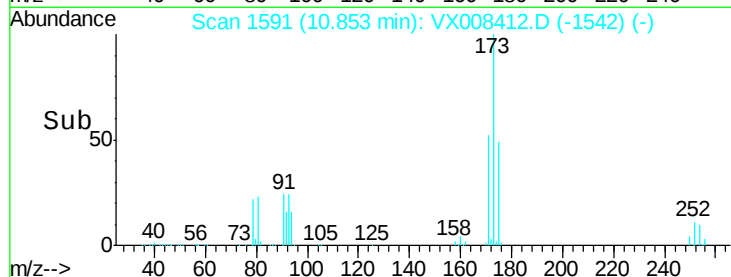
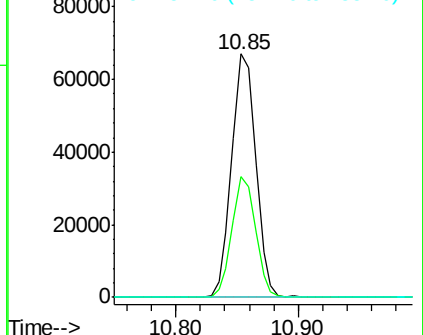
173 100

175 48.5 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: VX008412.D

Acq: 25 Mar 2019 14:54

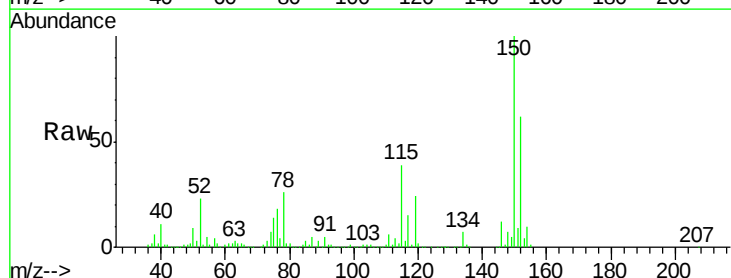
Tgt Ion:152 Resp: 143732

Ion Ratio Lower Upper

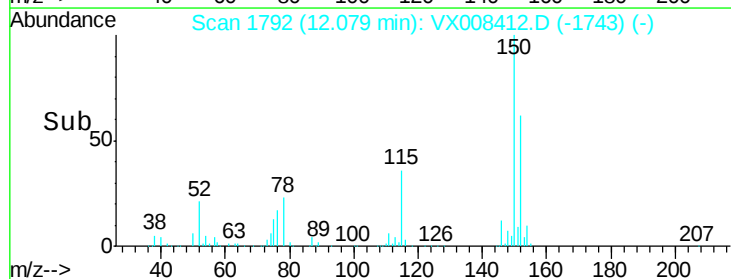
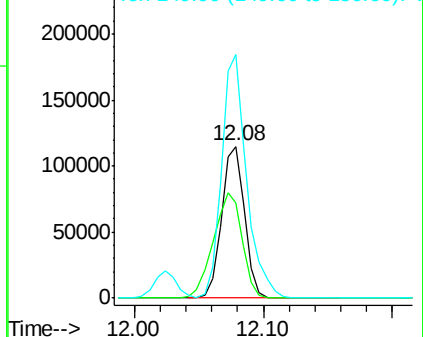
152 100

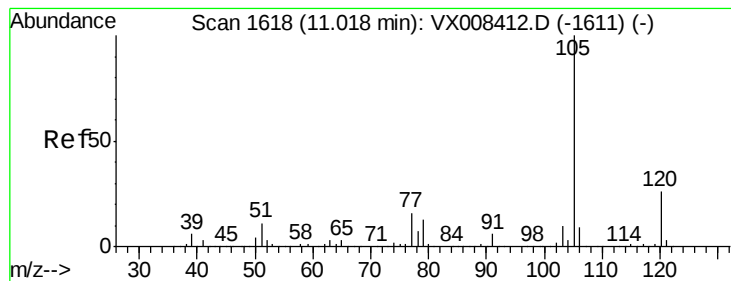
115 87.0 43.5 130.5

150 174.4 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: 49.315 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

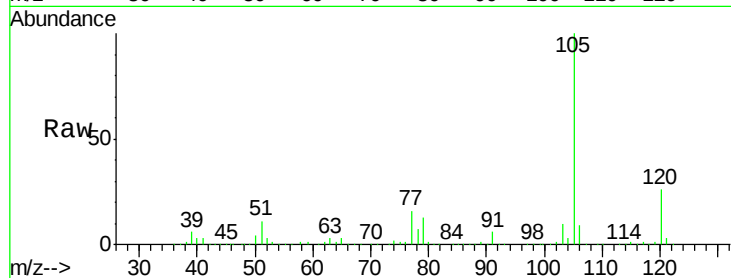
VSTDICCC050

Tgt Ion: 105 Resp: 559484

Ion Ratio Lower Upper

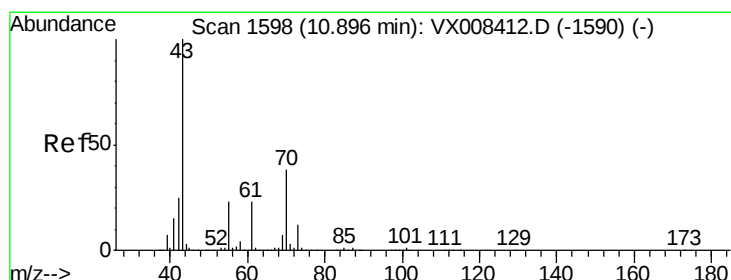
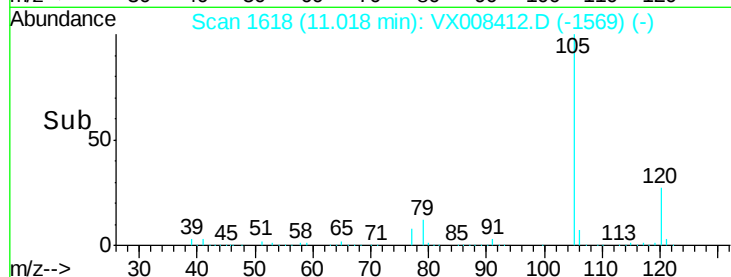
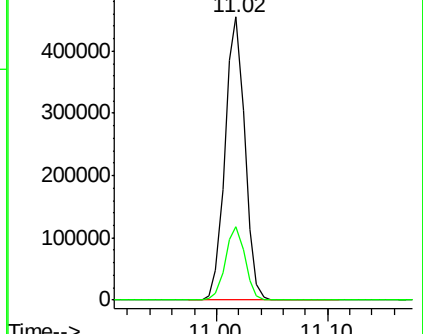
105 100

120 25.8 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.089 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Tgt Ion: 43 Resp: 345986

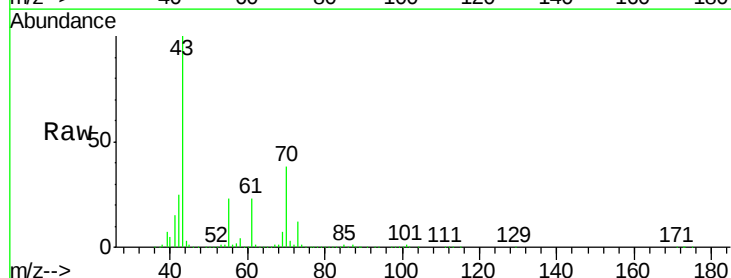
Ion Ratio Lower Upper

43 100

70 38.1 30.5 45.7

55 22.7 18.2 27.2

61 23.0 18.4 27.6

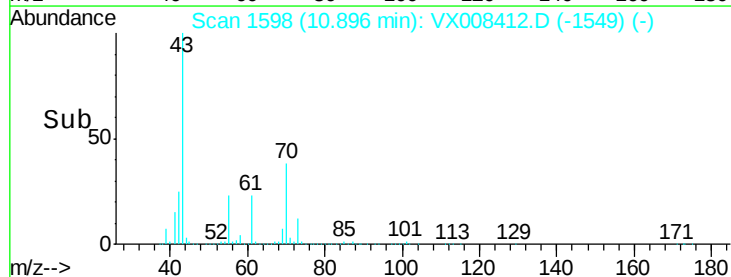
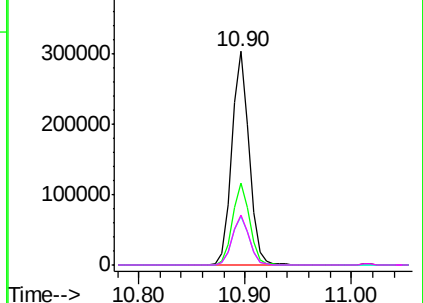


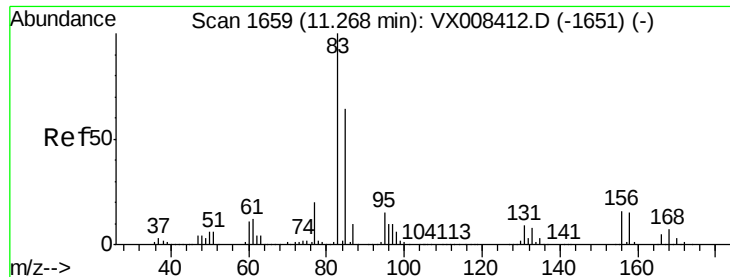
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.172 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

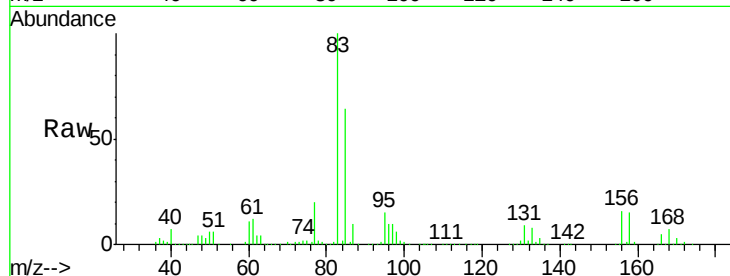
Tgt Ion: 83 Resp: 217174

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.4

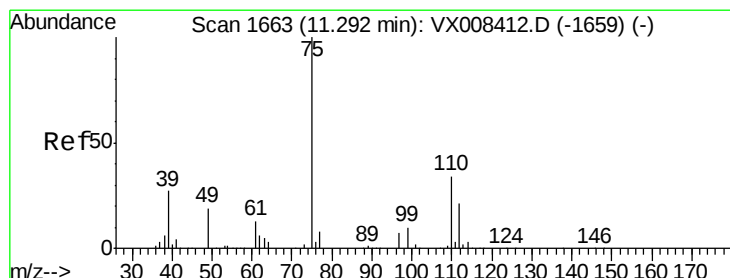
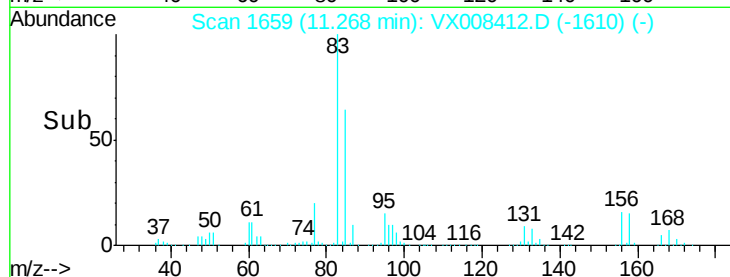
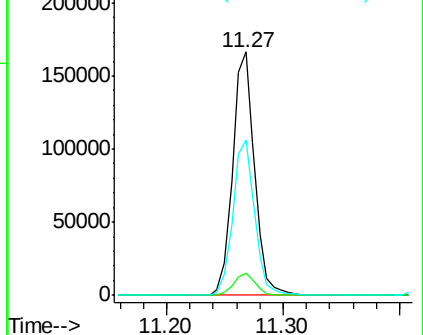
85 63.9 31.9 95.9



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: 65.827 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008412.D

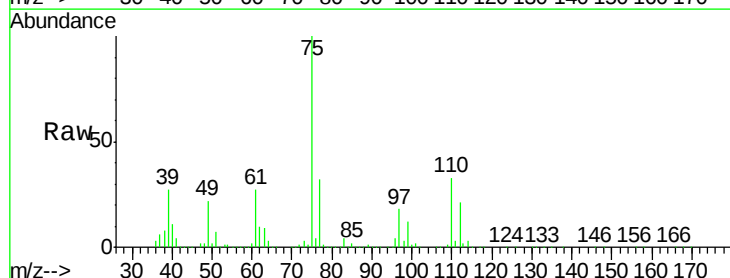
Acq: 25 Mar 2019 14:54

Tgt Ion: 75 Resp: 247782

Ion Ratio Lower Upper

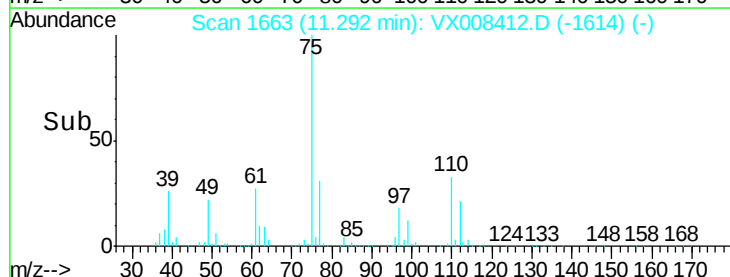
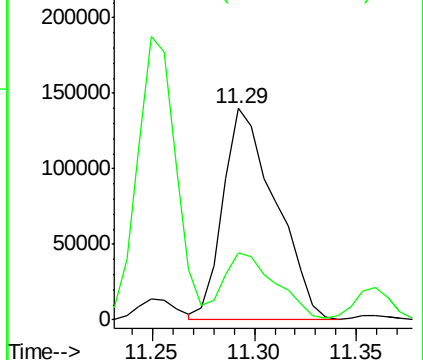
75 100

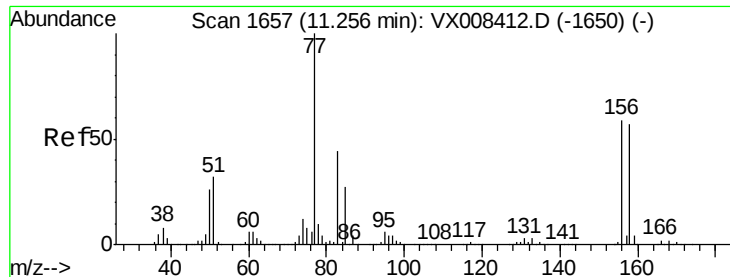
77 32.3 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.794 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

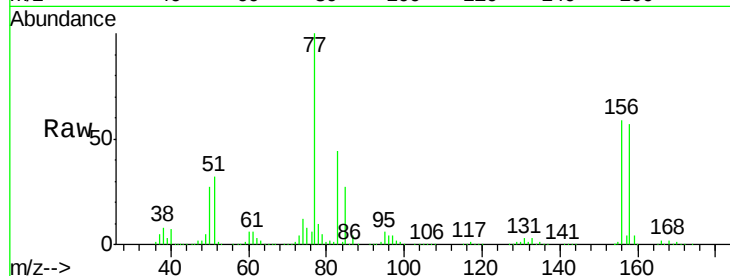
Tgt Ion:156 Resp: 134149

Ion Ratio Lower Upper

156 100

77 182.2 91.1 273.3

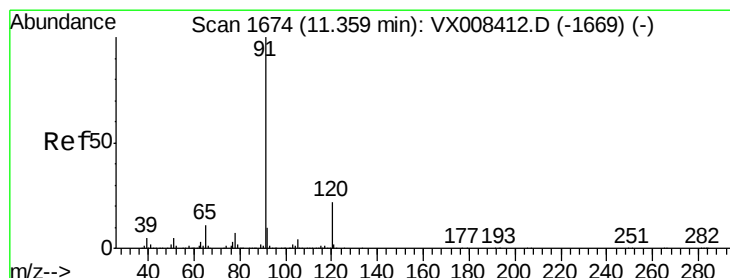
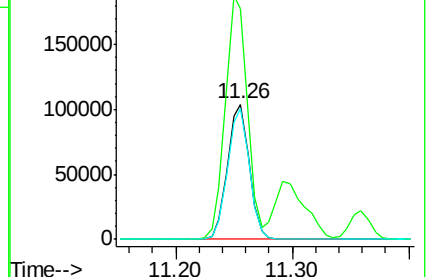
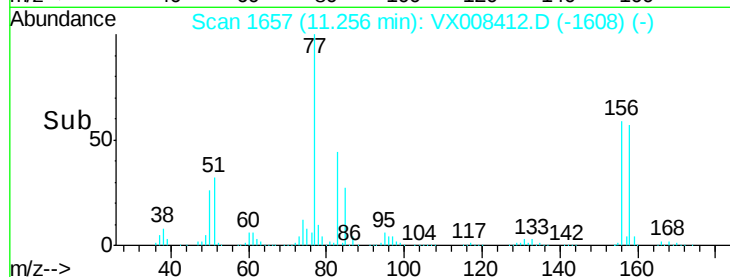
158 96.5 48.3 144.8



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: 49.939 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008412.D

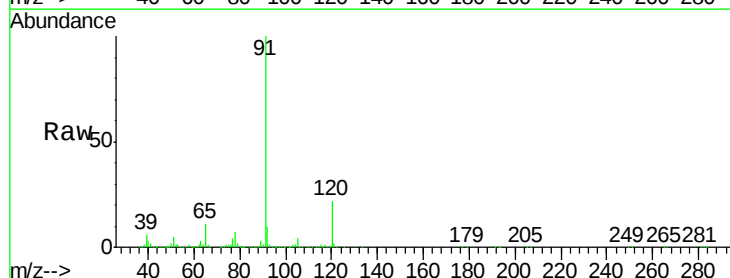
Acq: 25 Mar 2019 14:54

Tgt Ion: 91 Resp: 663578

Ion Ratio Lower Upper

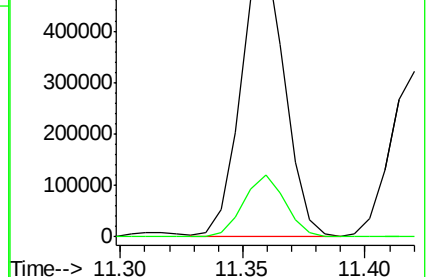
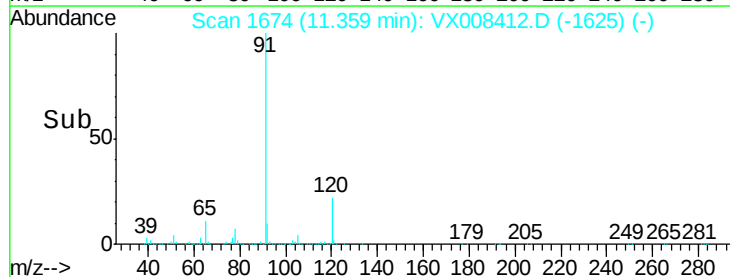
91 100

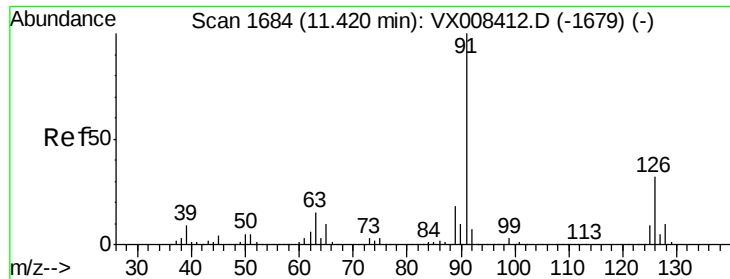
120 21.6 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

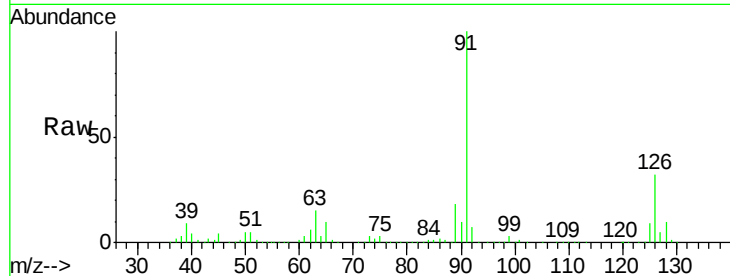




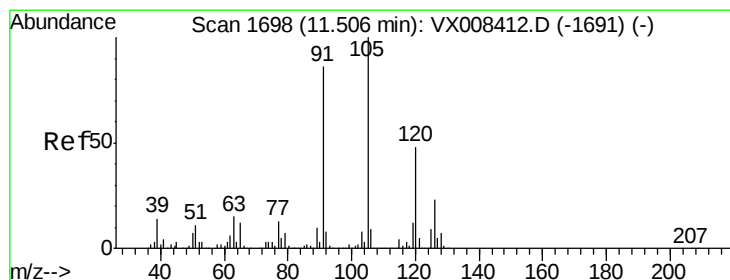
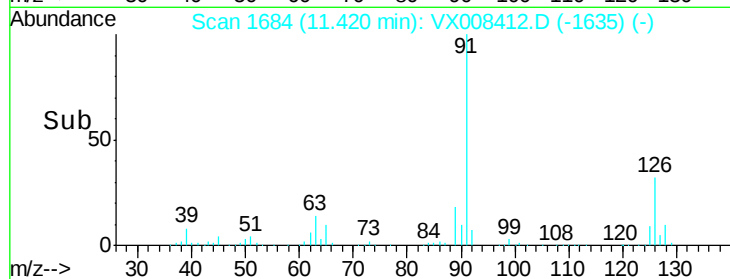
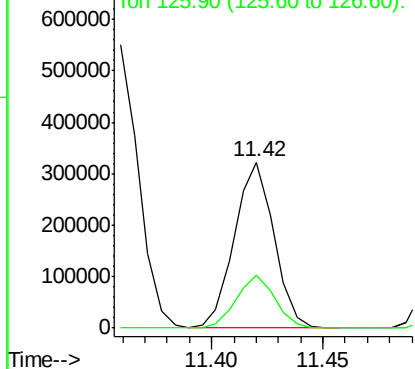
#79
 2-Chlorotoluene
 Concen: 49.101 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 91 Resp: 398610
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.7 47.1

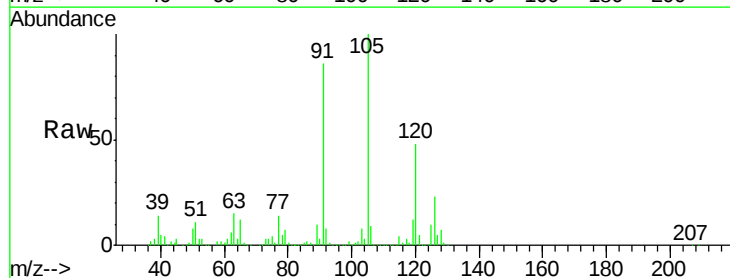


Abundance Ion 91.00 (90.70 to 91.70): VX008412.D (-1679) (-)
 Ion 125.90 (125.60 to 126.60): VX008412.D (-1679) (-)

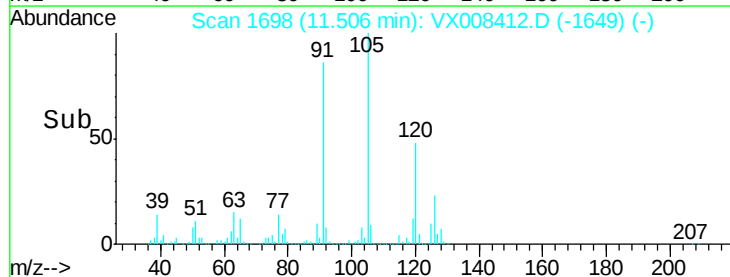
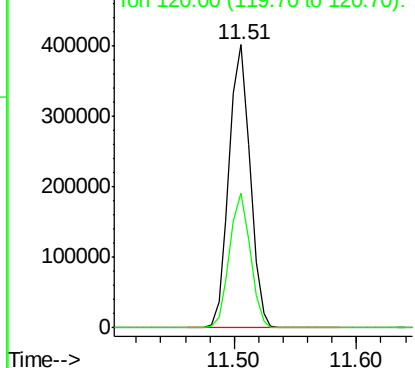


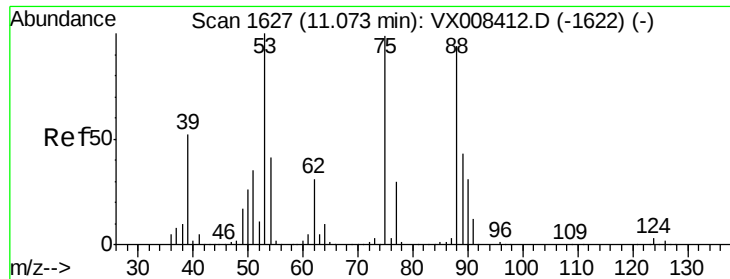
#80
 1,3,5-Trimethylbenzene
 Concen: 49.480 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

Tgt Ion: 105 Resp: 477698
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): VX008412.D (-1691) (-)
 Ion 120.00 (119.70 to 120.70): VX008412.D (-1691) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 53.736 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

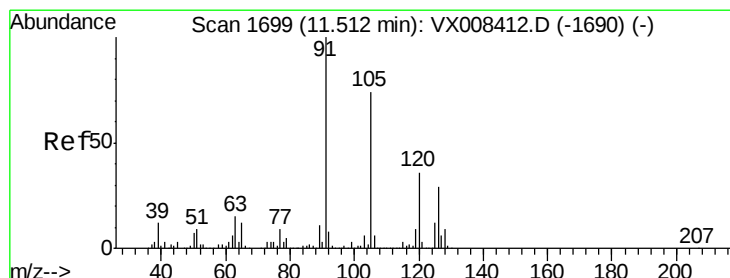
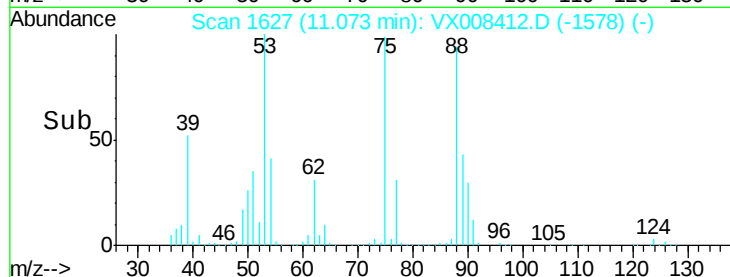
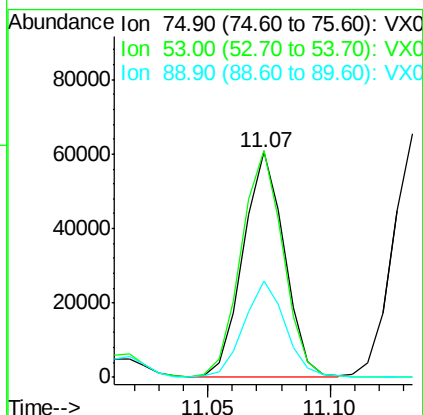
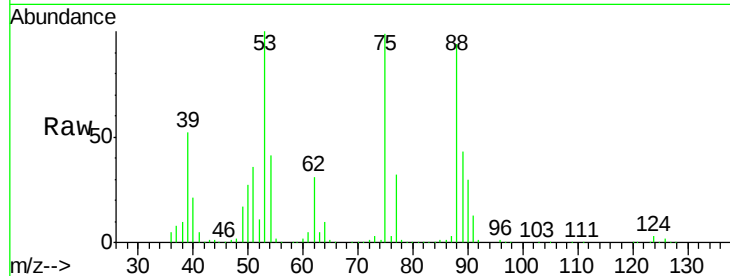
Tgt Ion: 75 Resp: 70783

Ion Ratio Lower Upper

75 100

53 102.6 82.1 123.1

89 43.3 34.6 52.0



#82

4-Chlorotoluene

Concen: 49.120 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008412.D

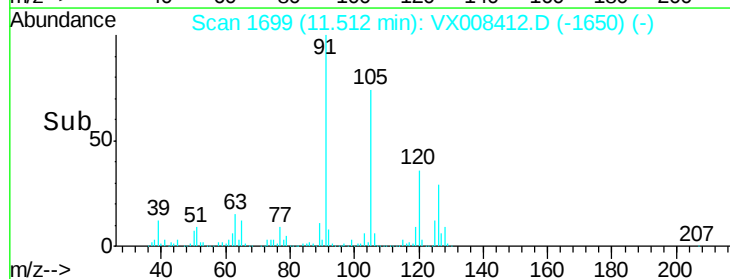
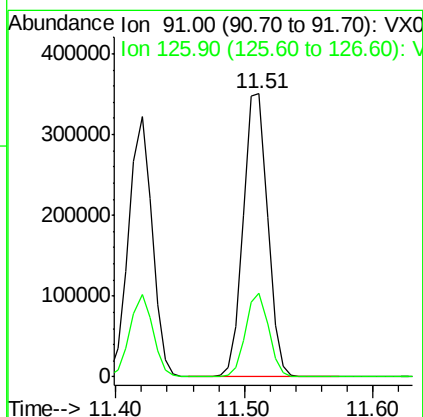
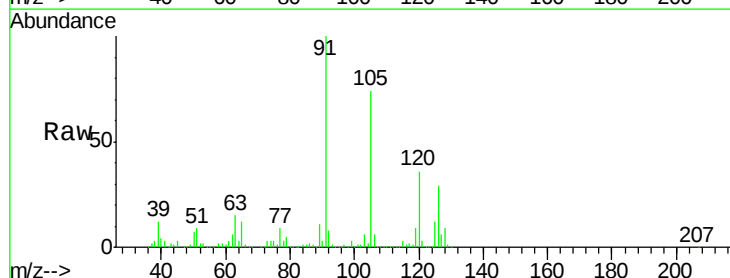
Acq: 25 Mar 2019 14:54

Tgt Ion: 91 Resp: 458666

Ion Ratio Lower Upper

91 100

126 27.8 13.9 41.7

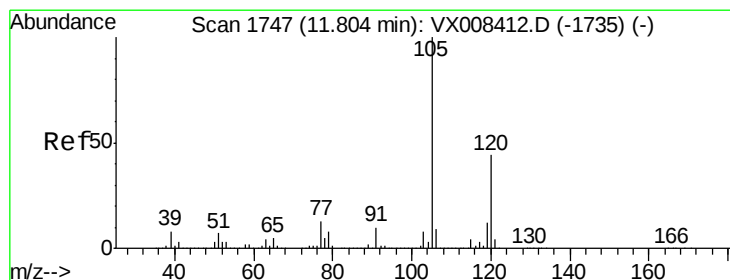
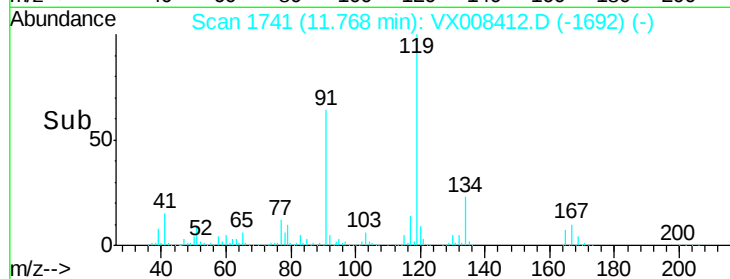
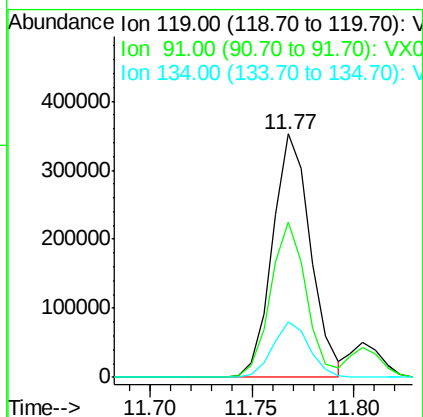
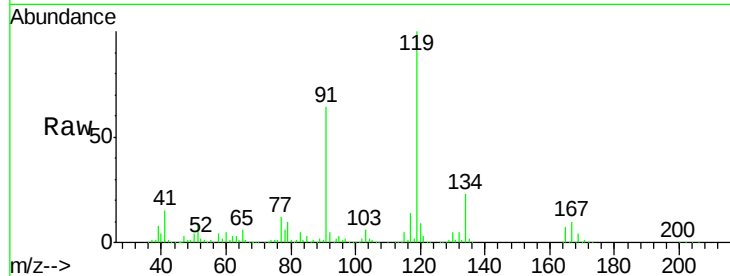




#83
 tert-Butylbenzene
 Concen: 49.951 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

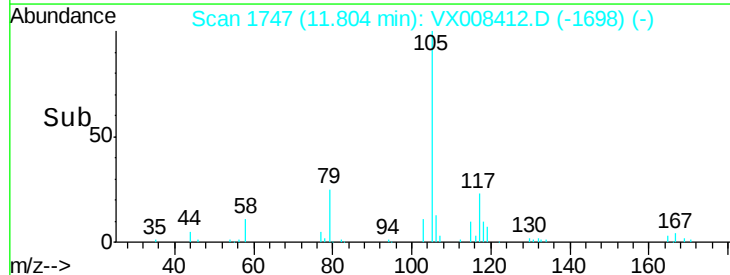
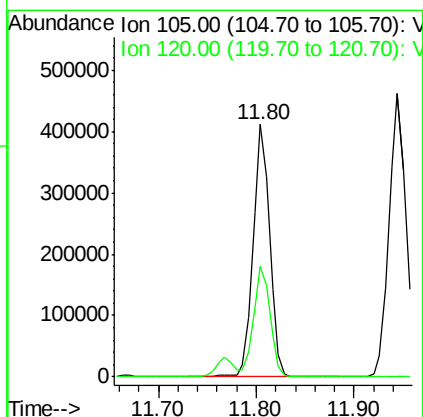
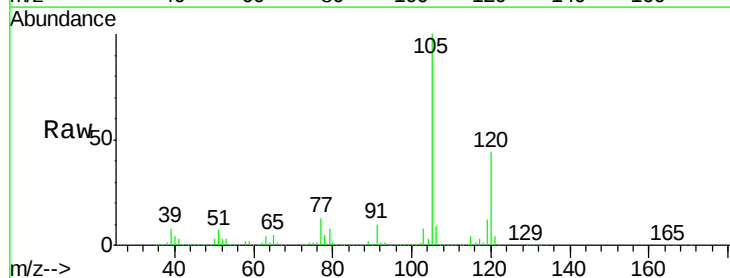
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

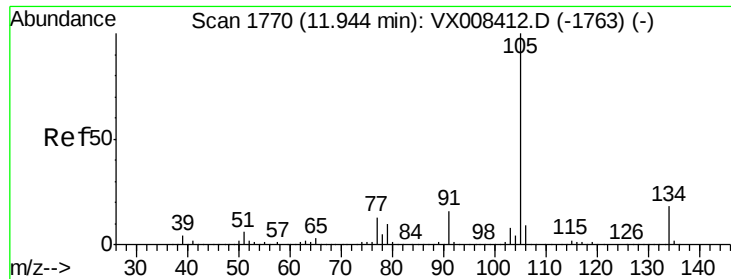
Tgt Ion:119 Resp: 458054
 Ion Ratio Lower Upper
 119 100
 91 60.2 30.1 90.3
 134 21.9 10.9 32.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.045 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

Tgt Ion:105 Resp: 482763
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.6 65.0

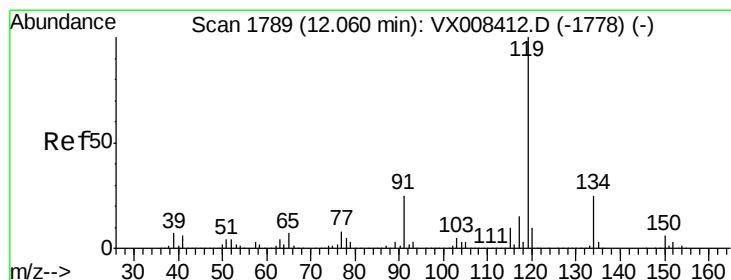
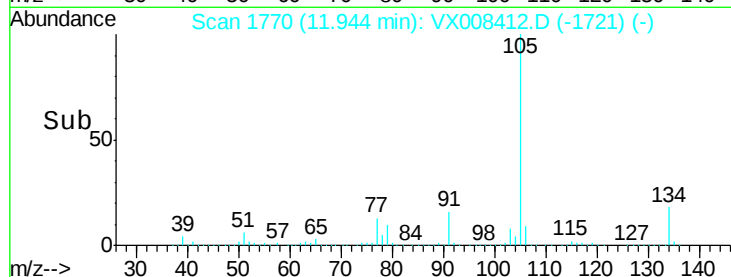
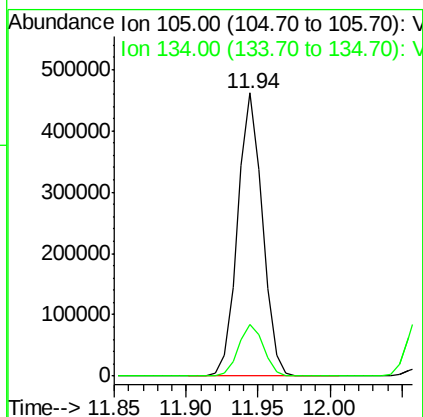
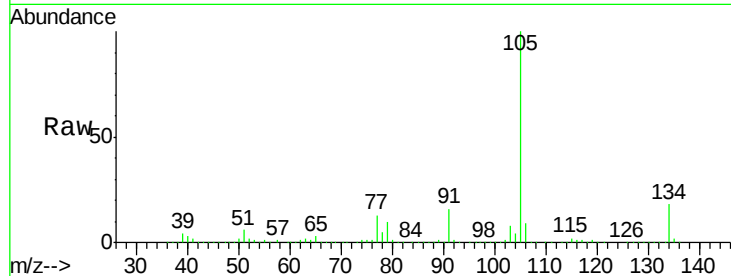




#85
 sec-Butylbenzene
 Concen: 49.972 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

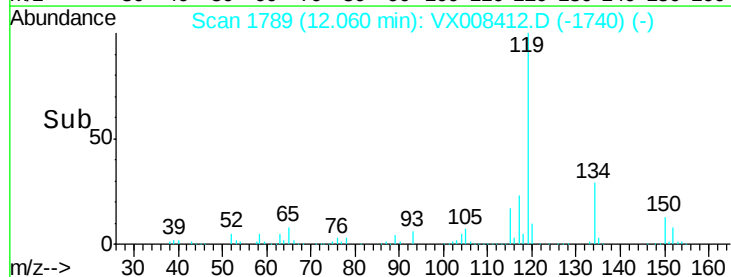
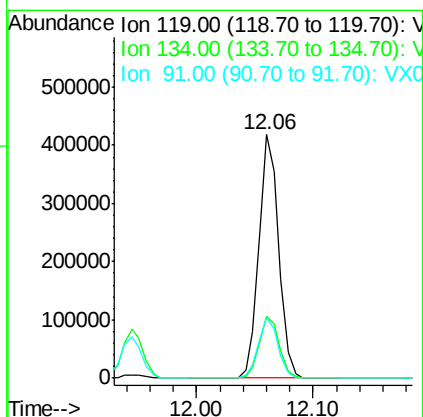
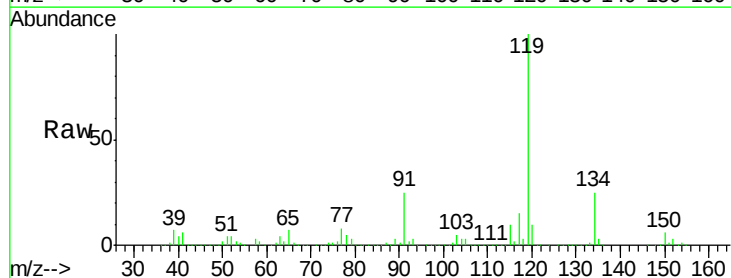
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

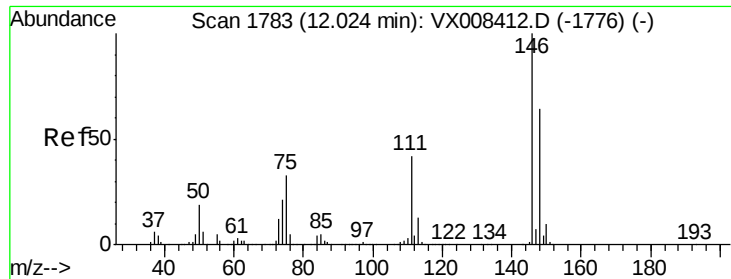
Tgt Ion:105 Resp: 551183
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 50.902 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

Tgt Ion:119 Resp: 494834
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.8 38.4
 91 24.7 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 49.329 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

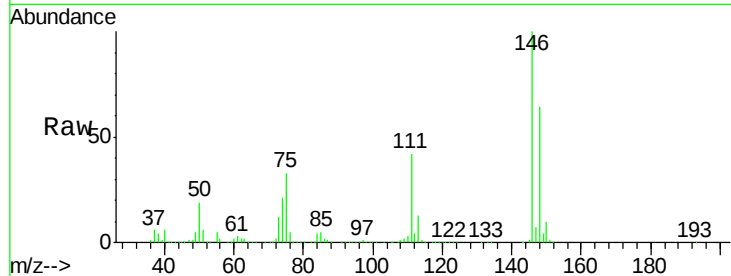
Tgt Ion:146 Resp: 238472

Ion Ratio Lower Upper

146 100

111 41.7 20.8 62.5

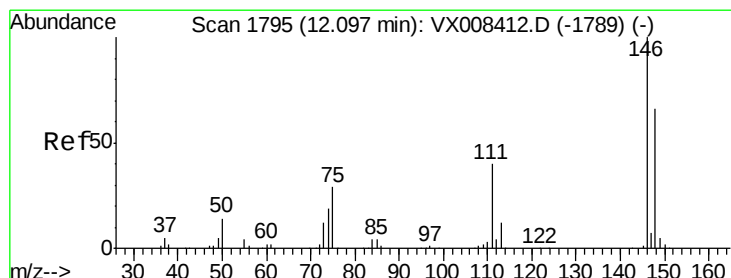
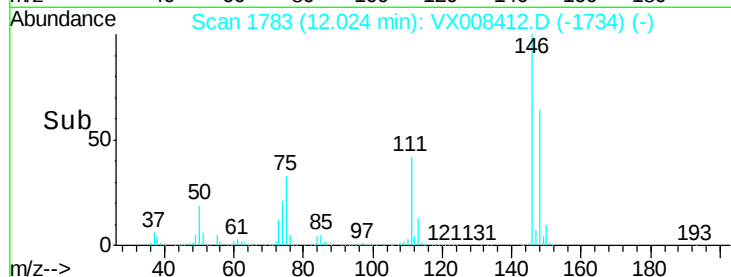
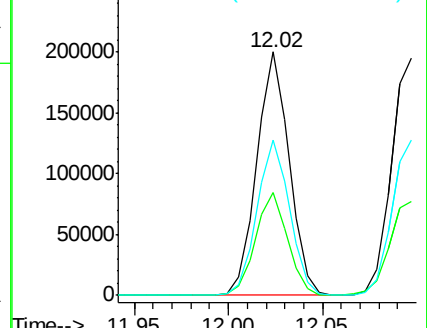
148 64.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.608 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008412.D

Acq: 25 Mar 2019 14:54

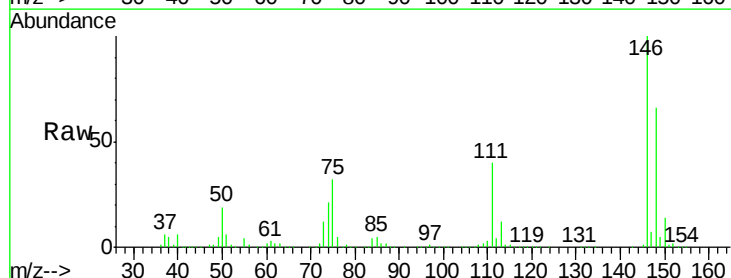
Tgt Ion:146 Resp: 239427

Ion Ratio Lower Upper

146 100

111 40.7 20.3 61.0

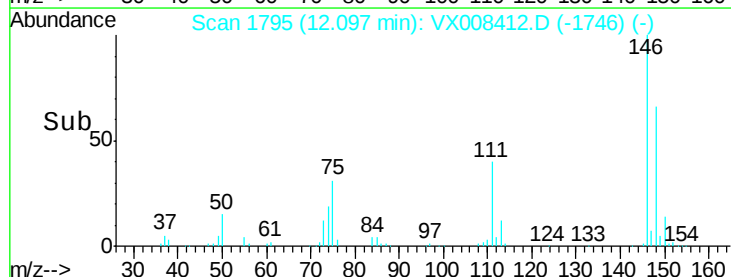
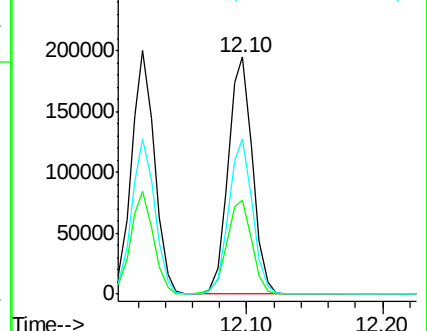
148 64.3 32.1 96.5

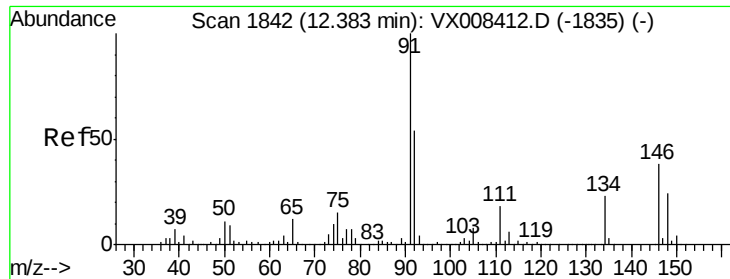


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

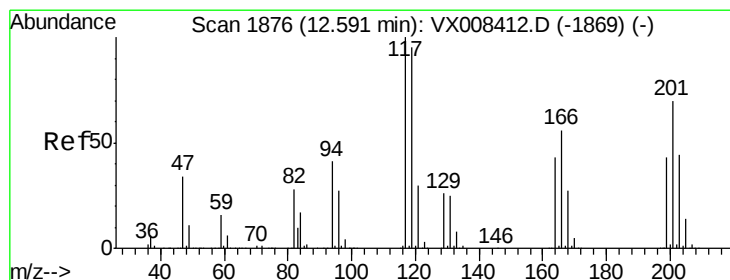
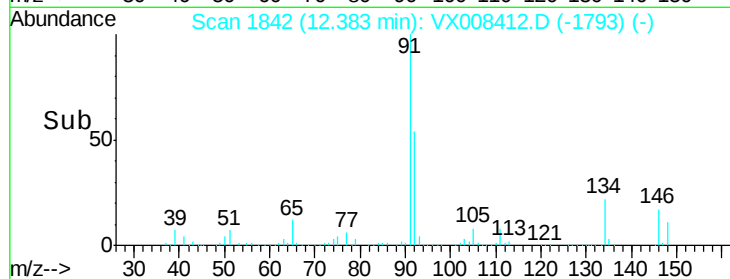
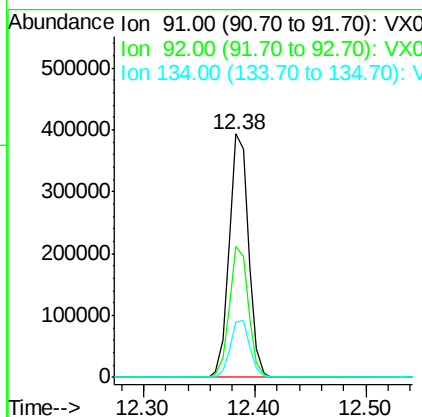
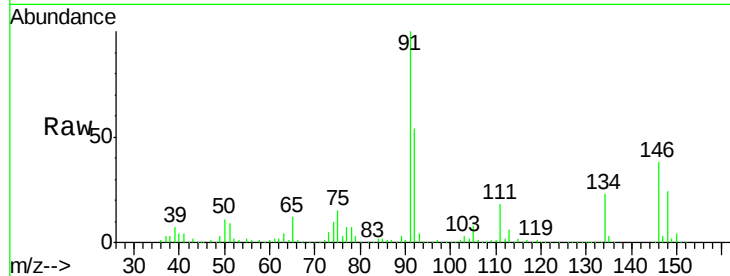




#89
n-Butylbenzene
Concen: 50.791 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

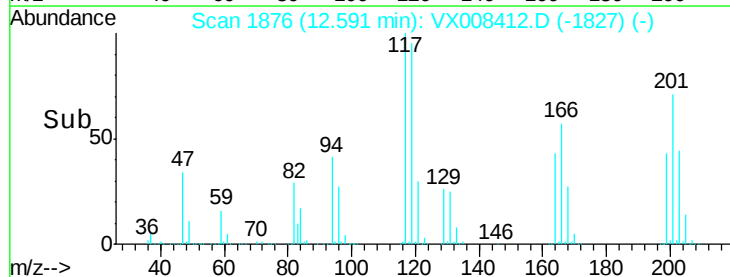
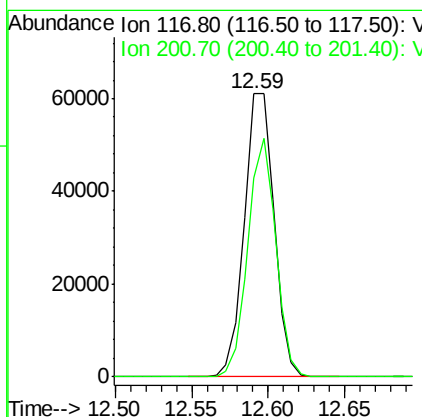
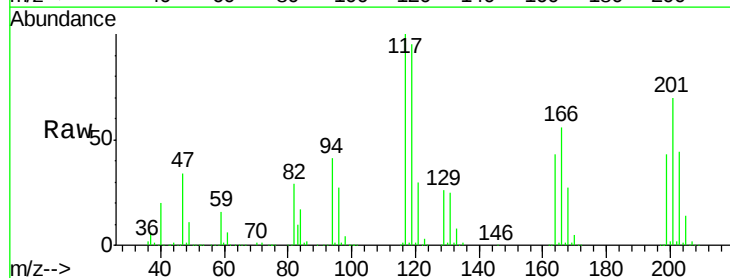
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

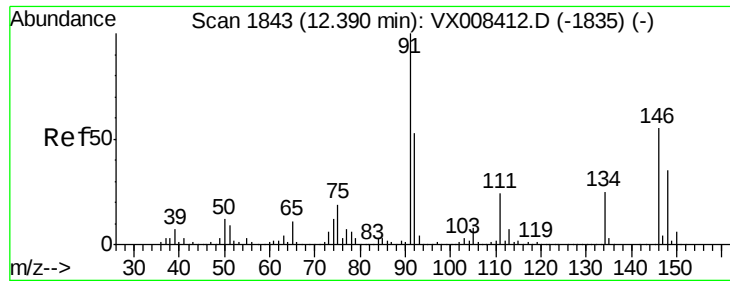
Tgt Ion: 91 Resp: 470955
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 23.6 11.8 35.4



#90
Hexachloroethane
Concen: 51.575 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

Tgt Ion: 117 Resp: 82990
Ion Ratio Lower Upper
117 100
201 78.7 39.4 118.1

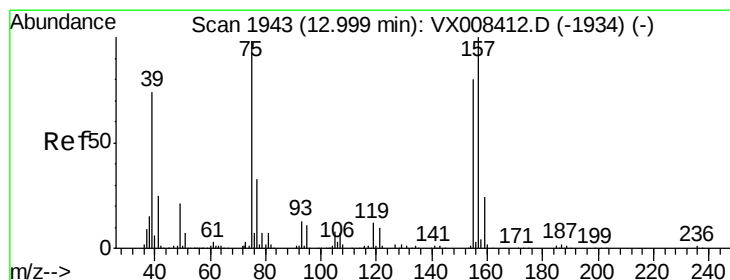
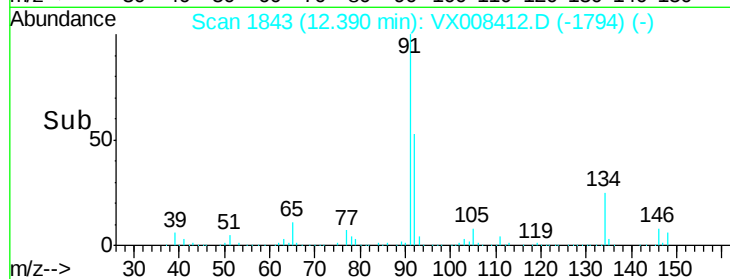
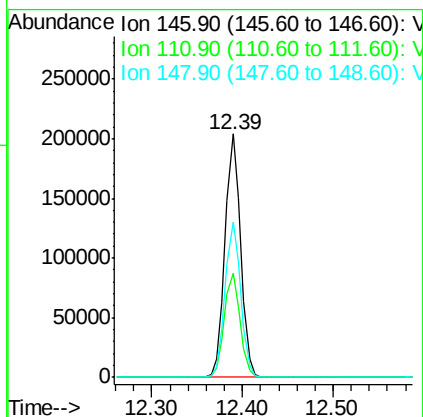
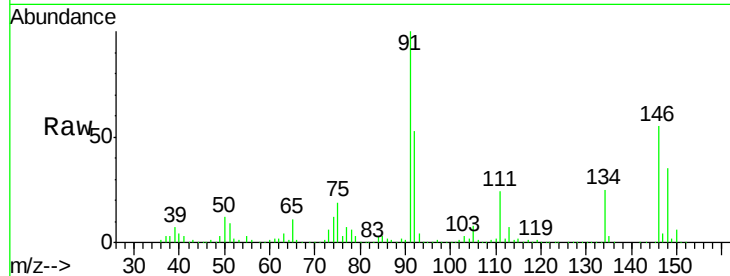




#91
 1,2-Dichlorobenzene
 Concen: 49.717 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

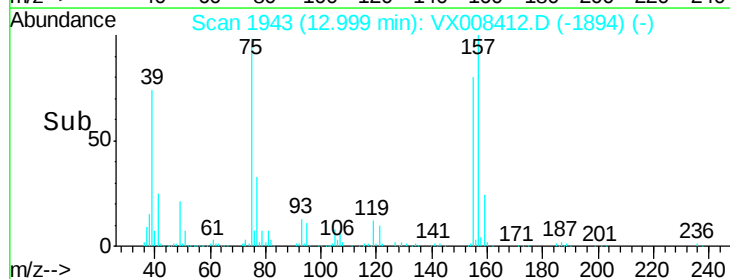
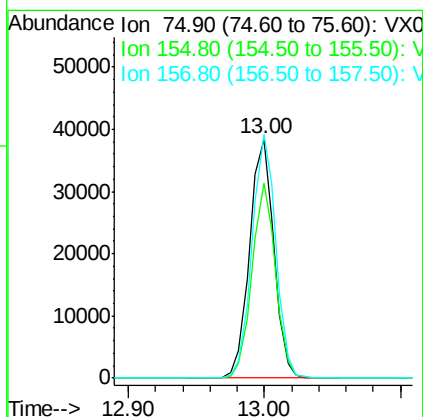
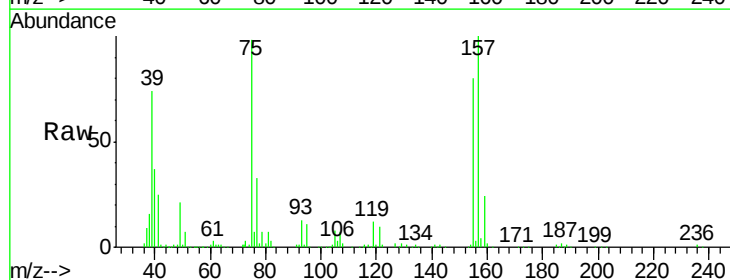
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

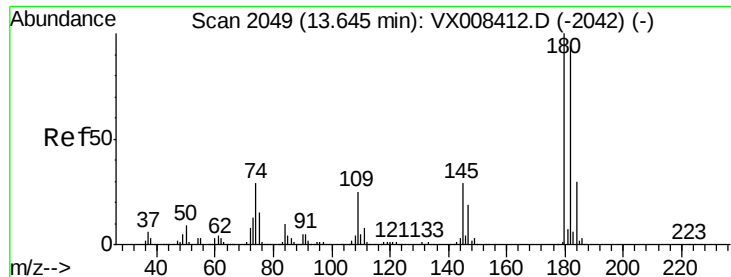
Tgt Ion:146 Resp: 244008
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.6 64.6
 148 63.8 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.330 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

Tgt Ion: 75 Resp: 48278
 Ion Ratio Lower Upper
 75 100
 155 79.0 39.5 118.5
 157 99.8 49.9 149.7

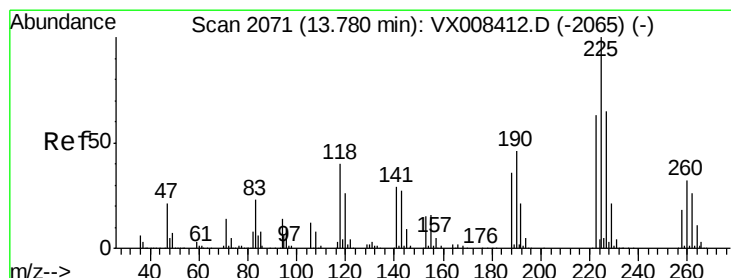
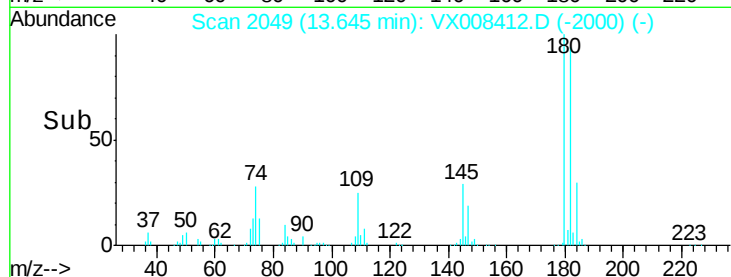
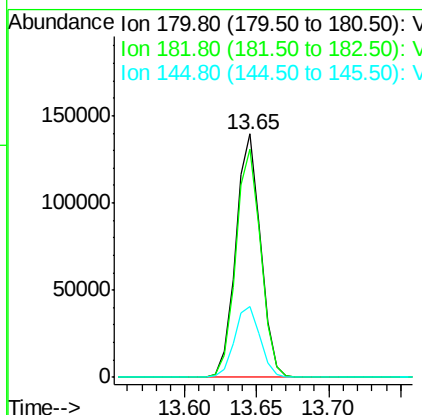
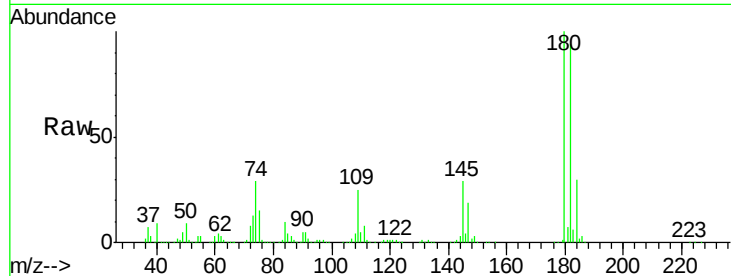




#93
 1,2,4-Trichlorobenzene
 Concen: 50.233 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

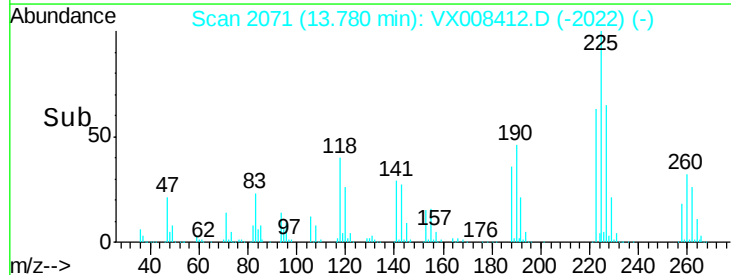
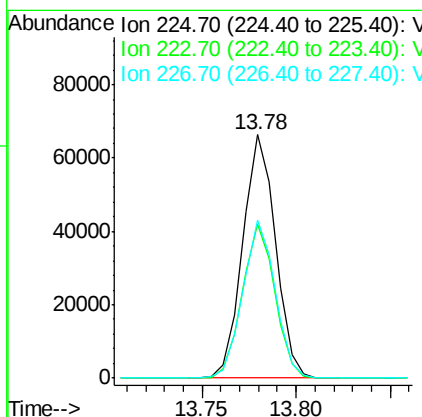
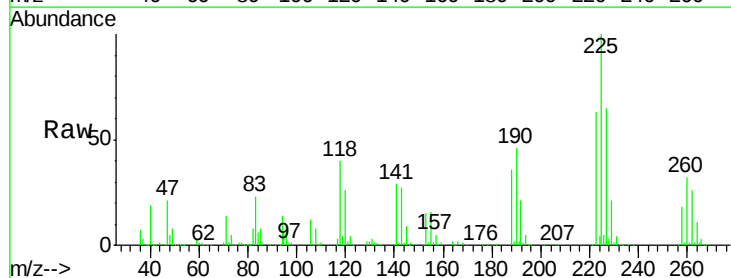
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

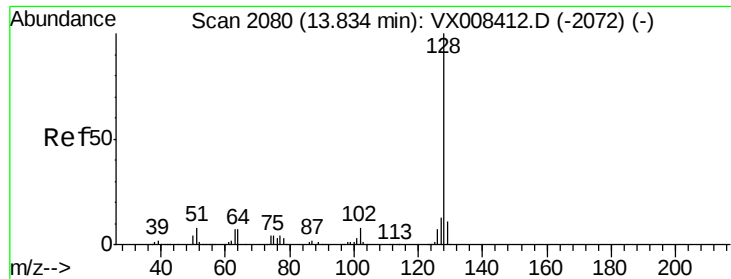
Tgt Ion:180 Resp: 166636
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 142.0
 145 30.5 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 51.043 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008412.D
 Acq: 25 Mar 2019 14:54

Tgt Ion:225 Resp: 79940
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.0
 227 63.9 31.9 95.9

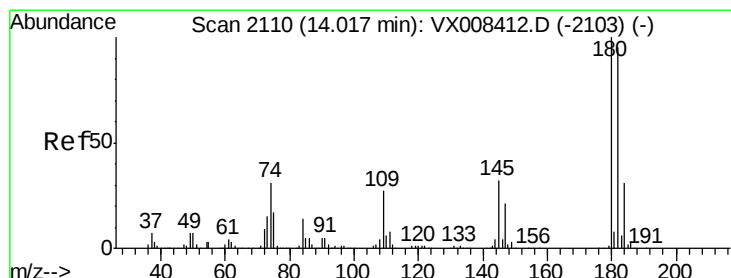
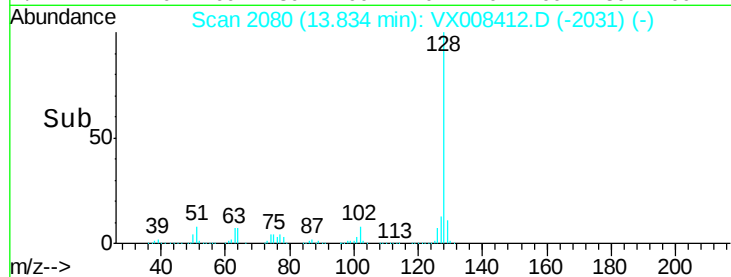
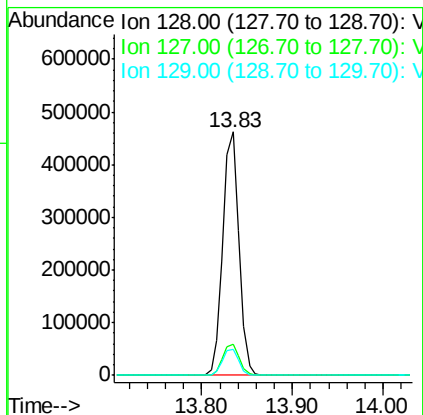
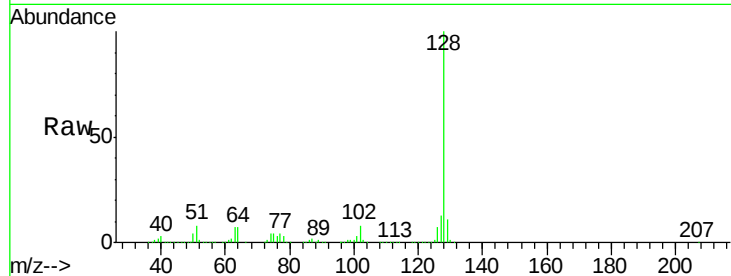




#95
Naphthalene
Concen: 49.715 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 574487
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.741 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008412.D
Acq: 25 Mar 2019 14:54

Tgt Ion:180 Resp: 165736
Ion Ratio Lower Upper
180 100
182 94.7 47.3 142.0
145 32.3 16.2 48.5

