

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040219\
 Data File : VX008602.D
 Acq On : 02 Apr 2019 19:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 03 04:10:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	180196	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	305406	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133079	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	135929	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
35) Dibromofluoromethane	5.49	113	101304	50.87	ug/l	0.00
Spiked Amount			Recovery	=	101.74%	
50) Toluene-d8	8.71	98	403881	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.13	95	151833	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	88046	41.452	ug/l	99
3) Chloromethane	1.32	50	126223	47.052	ug/l	99
4) Vinyl Chloride	1.40	62	125491	42.314	ug/l	100
5) Bromomethane	1.64	94	63540	41.153	ug/l	100
6) Chloroethane	1.71	64	76618	43.610	ug/l	99
7) Trichlorofluoromethane	1.92	101	147097	43.794	ug/l	99
8) Diethyl Ether	2.18	74	70270	44.207	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	96305	47.443	ug/l	99
10) Methyl Iodide	2.51	142	86188	44.163	ug/l	99
11) Tert butyl alcohol	3.06	59	163668	270.412	ug/l	99
12) 1,1-Dichloroethene	2.37	96	97284	46.406	ug/l	95
13) Acrolein	2.29	56	136759	311.147	ug/l	99
14) Allyl chloride	2.72	41	228926	49.567	ug/l	97
15) Acrylonitrile	3.14	53	410530	258.669	ug/l	100
16) Acetone	2.45	43	363231	254.400	ug/l	100
17) Carbon Disulfide	2.56	76	265486	44.094	ug/l	100
18) Methyl Acetate	2.78	43	186876	54.496	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	387840	51.339	ug/l	100
20) Methylene Chloride	2.85	84	120580	51.768	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	103679	49.631	ug/l	97
22) Diisopropyl ether	3.85	45	461522	50.749	ug/l	98
23) Vinyl Acetate	3.81	43	2045919	257.864	ug/l	100
24) 1,1-Dichloroethane	3.70	63	225931	49.210	ug/l	99
25) 2-Butanone	4.68	43	614958	268.656	ug/l	98
26) 2,2-Dichloropropane	4.58	77	156551	51.266	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	125755	49.056	ug/l	99
28) Bromochloromethane	5.01	49	114109	50.307	ug/l	99
29) Tetrahydrofuran	5.13	42	391127	259.260	ug/l	99
30) Chloroform	5.21	83	206351	49.802	ug/l	98
31) Cyclohexane	5.58	56	208820	47.689	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	165414	49.945	ug/l	99
36) 1,1-Dichloropropene	5.80	75	154363	47.404	ug/l	99
37) Ethyl Acetate	4.84	43	225785	53.523	ug/l	99
38) Carbon Tetrachloride	5.78	117	135532	49.874	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190228	48.882	ug/l	99
40) Benzene	6.14	78	482580	49.503	ug/l	100
41) Methacrylonitrile	5.04	41	128316	54.126	ug/l	99
42) 1,2-Dichloroethane	6.19	62	174019	48.755	ug/l	100
43) Isopropyl Acetate	6.45	43	364283	53.988	ug/l	100
44) Trichloroethene	7.21	130	111021	48.503	ug/l	99
45) 1,2-Dichloropropane	7.51	63	141581	51.095	ug/l	98
46) Dibromomethane	7.66	93	80008	49.446	ug/l	98
47) Bromodichloromethane	7.90	83	161226	52.057	ug/l	100
48) Methyl methacrylate	7.77	41	186131	55.131	ug/l	97
49) 1,4-Dioxane	7.74	88	61701	919.130	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1223947	279.278	ug/l	100
52) Toluene	8.78	92	293289	50.316	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	185909	54.803	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	204409	52.990	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	123215	51.929	ug/l	98
56) Ethyl methacrylate	9.18	69	232540	54.293	ug/l	99
57) 1,3-Dichloropropane	9.37	76	216768	50.954	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	615001	277.780	ug/l	100
59) 2-Hexanone	9.49	43	922678	271.708	ug/l	99
60) Dibromochloromethane	9.58	129	121048	53.643	ug/l	99
61) 1,2-Dibromoethane	9.67	107	123917	51.174	ug/l	99
64) Tetrachloroethene	9.34	164	93189	49.654	ug/l	99
65) Chlorobenzene	10.14	112	306243	50.798	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	109426	52.610	ug/l	99
67) Ethyl Benzene	10.25	91	571621	50.240	ug/l	100
68) m/p-Xylenes	10.36	106	415223	100.314	ug/l	98
69) o-Xylene	10.69	106	203738	50.721	ug/l	100
70) Styrene	10.71	104	359816	51.858	ug/l	100
71) Bromoform	10.86	173	89468	54.467	ug/l #	99
73) Isopropylbenzene	11.02	105	546056	50.436	ug/l	100
74) N-amyl acetate	10.90	43	329991	52.659	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	206140	49.073	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	243430	61.529	ug/l	82
77) Bromobenzene	11.26	156	129872	49.426	ug/l	98
78) n-propylbenzene	11.36	91	635499	50.108	ug/l	100
79) 2-Chlorotoluene	11.42	91	376850	48.852	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	454961	49.706	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	68942	55.812	ug/l	100
82) 4-Chlorotoluene	11.51	91	433573	48.726	ug/l	99
83) tert-Butylbenzene	11.77	119	439394	49.757	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	458240	49.497	ug/l	100
85) sec-Butylbenzene	11.94	105	530522	50.447	ug/l	99
86) p-Isopropyltoluene	12.06	119	475537	51.246	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	231788	49.371	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	228094	48.140	ug/l	100
89) n-Butylbenzene	12.38	91	446309	50.772	ug/l	99
90) Hexachloroethane	12.60	117	80701	52.202	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	231444	49.228	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46435	50.697	ug/l	100

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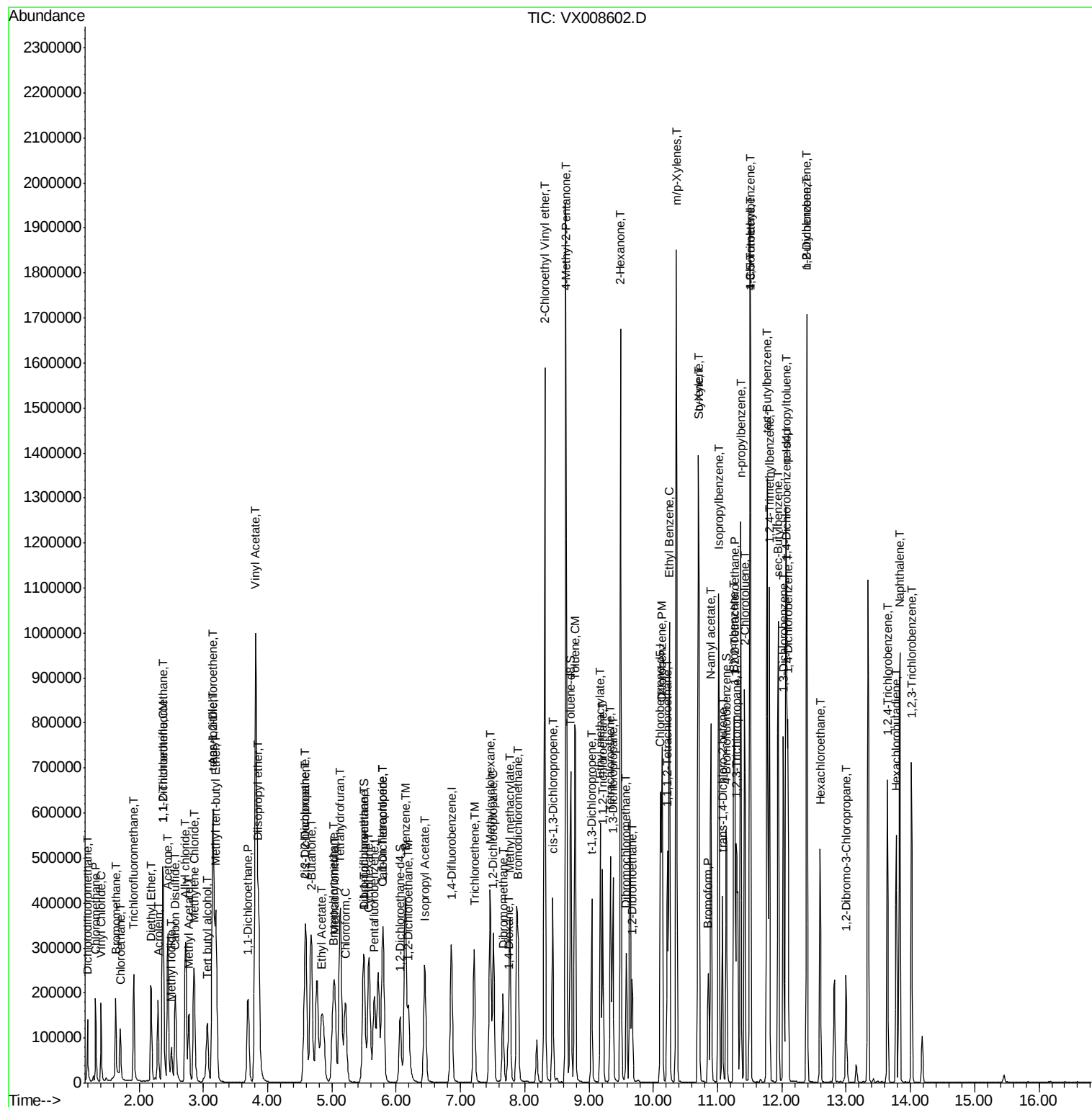
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	161342	50.972	ug/l	100
94) Hexachlorobutadiene	13.78	225	78862	52.470	ug/l	100
95) Naphthalene	13.83	128	552893	50.948	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	161366	50.733	ug/l	100

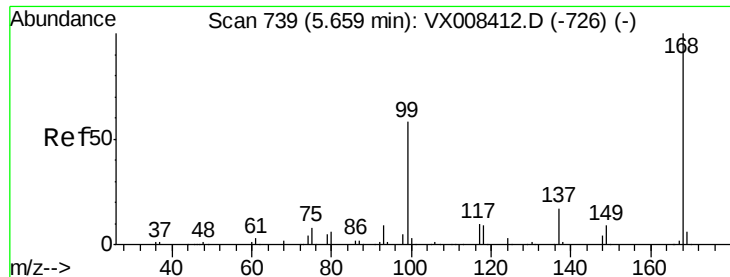
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

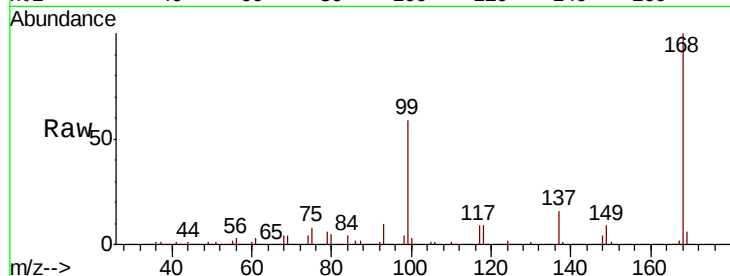
VSTDCCC050EC

Tot Ion:168 Resp: 180196

Ion Ratio Lower Upper

168 100

99 58.9 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): VX008412.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX008412.D (-726) (-)

5.66

60000

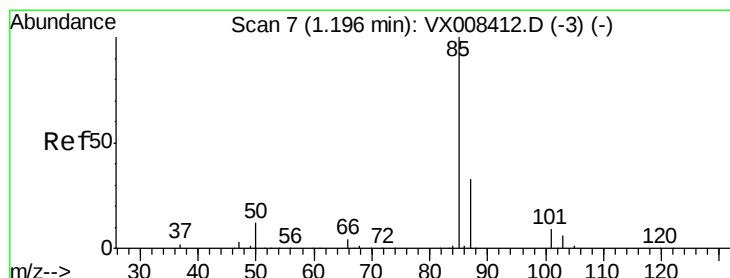
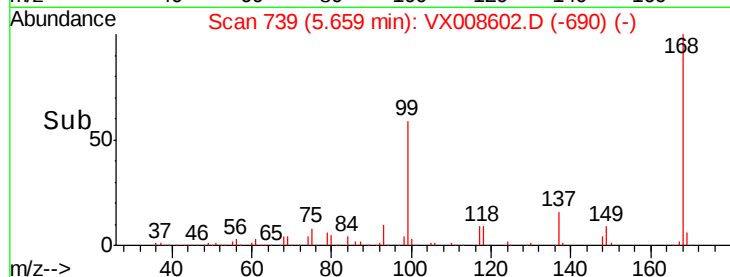
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 41.452 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008602.D

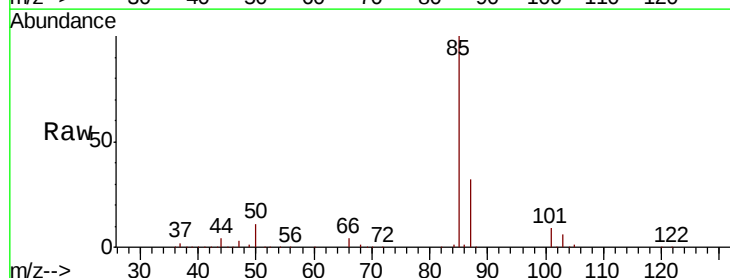
Acq: 02 Apr 2019 19:48

Tgt Ion: 85 Resp: 88046

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX008412.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX008412.D (-3) (-)

1.20

80000

60000

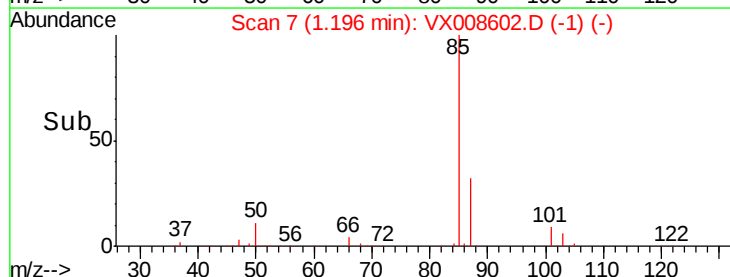
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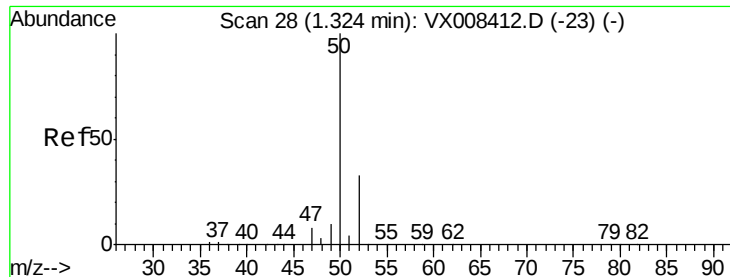
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.052 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

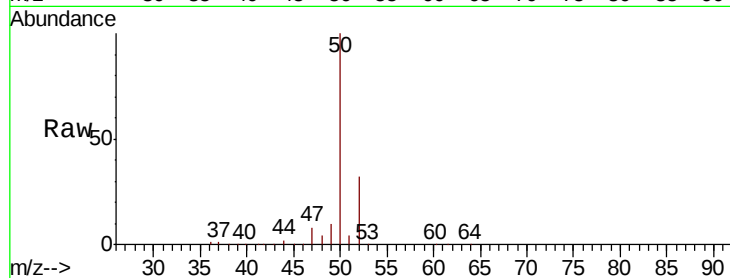
VSTDCCC050EC

Tot Ion: 50 Resp: 126223

Ion Ratio Lower Upper

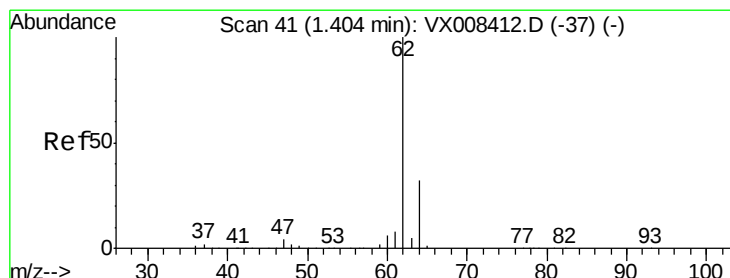
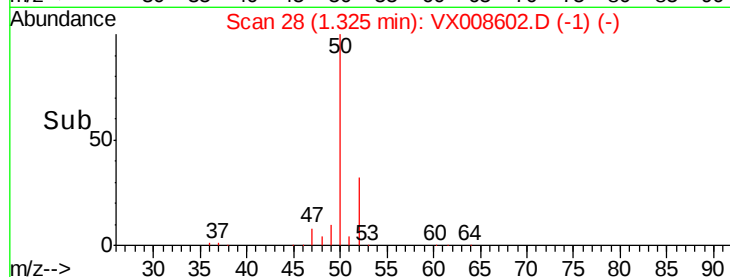
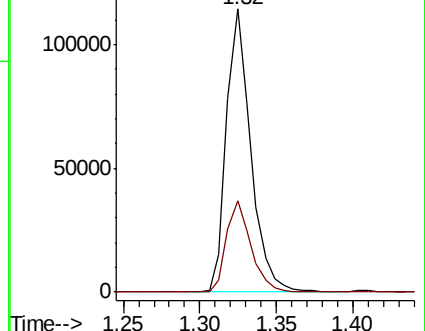
50 100

52 32.2 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: 42.314 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008602.D

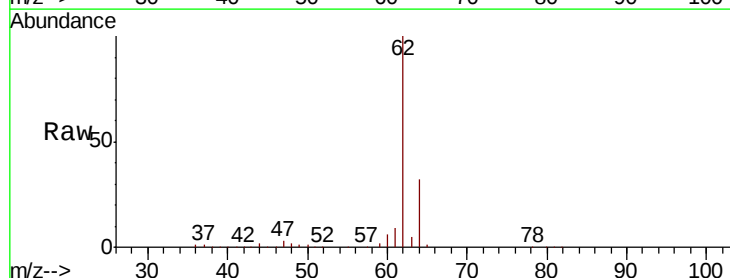
Acq: 02 Apr 2019 19:48

Tgt Ion: 62 Resp: 125491

Ion Ratio Lower Upper

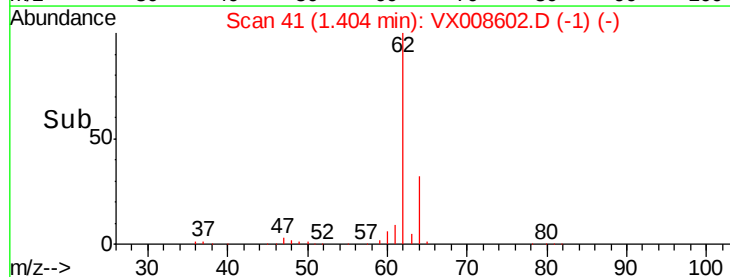
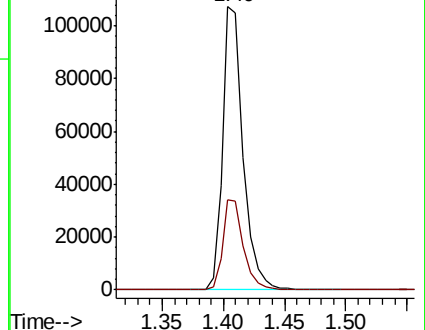
62 100

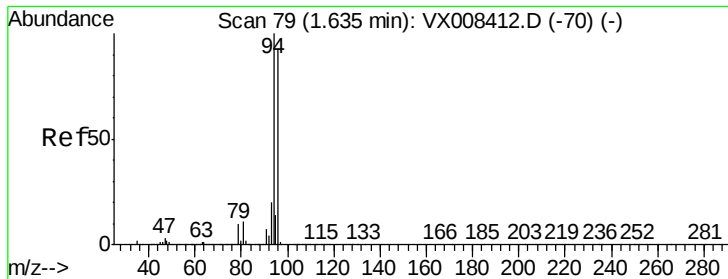
64 31.9 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.153 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

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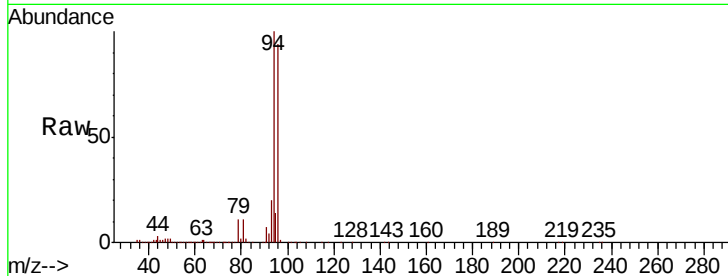
VSTDCCC050EC

Tot Ion: 94 Resp: 63540

Ion Ratio Lower Upper

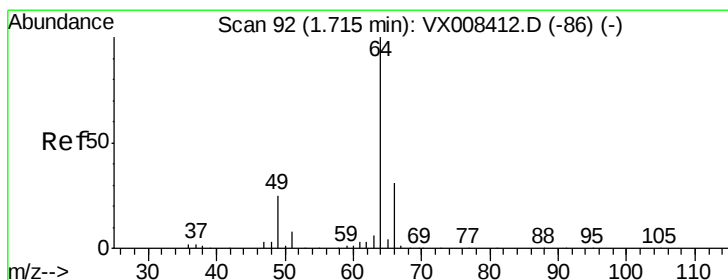
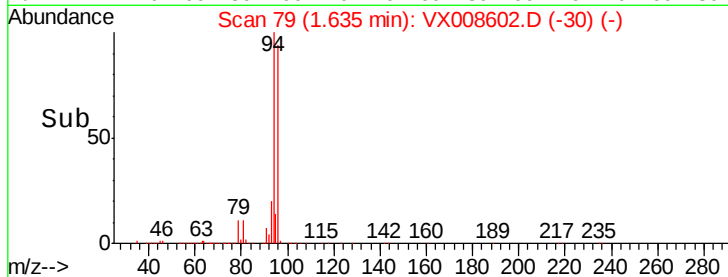
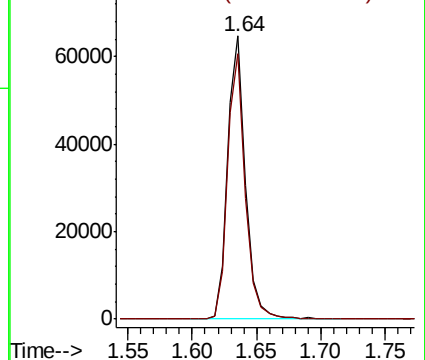
94 100

96 93.8 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.610 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008602.D

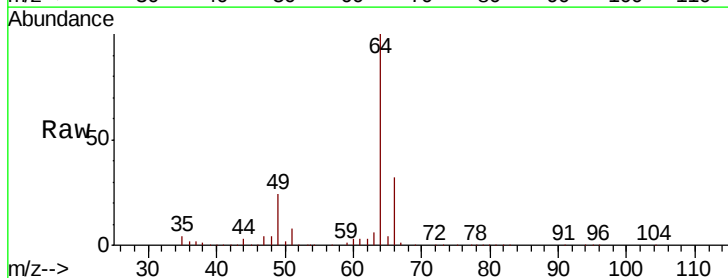
Acq: 02 Apr 2019 19:48

Tgt Ion: 64 Resp: 76618

Ion Ratio Lower Upper

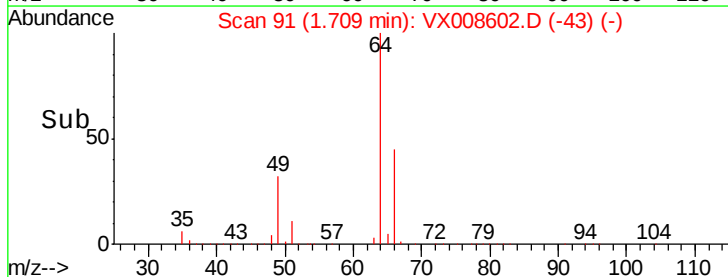
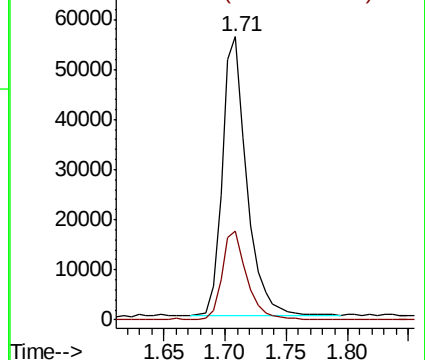
64 100

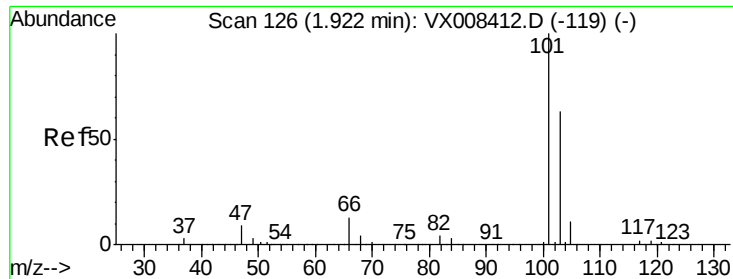
66 31.7 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



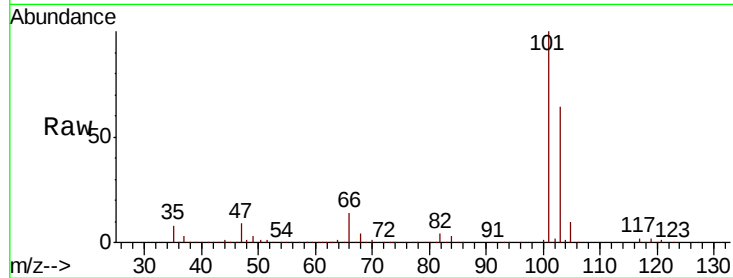


#7

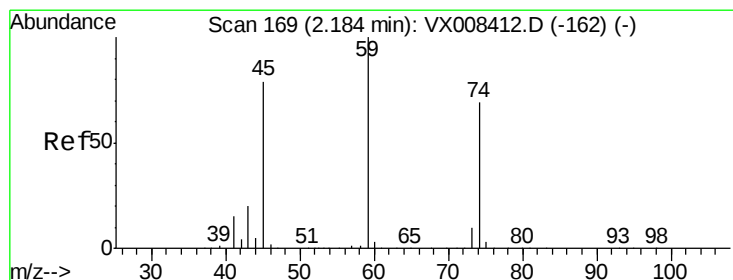
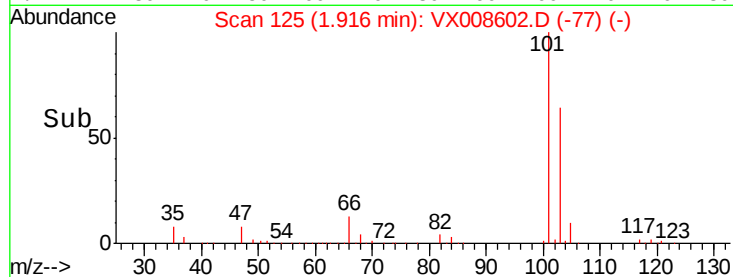
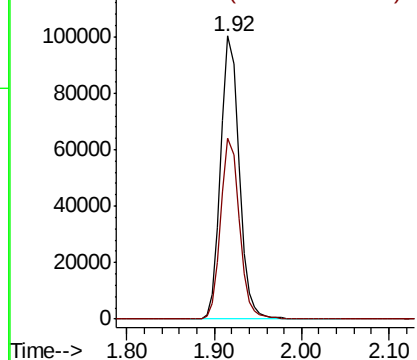
Trichlorofluoromethane
 Concen: 43.794 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX008602.D
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Tot Ion:101 Resp: 147097
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.2 75.4



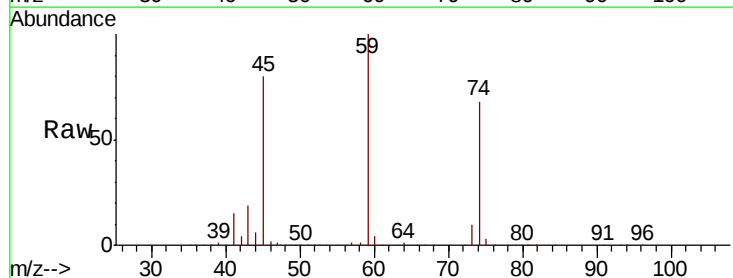
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



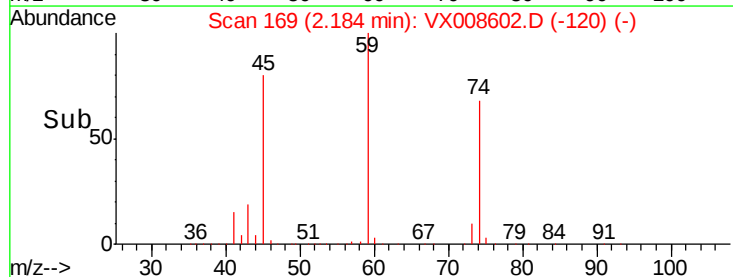
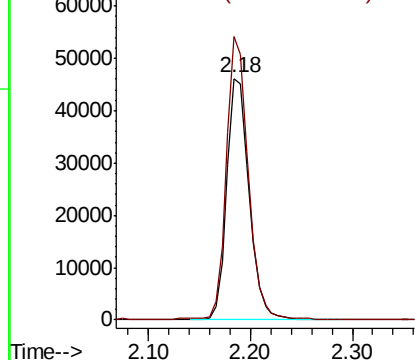
#8

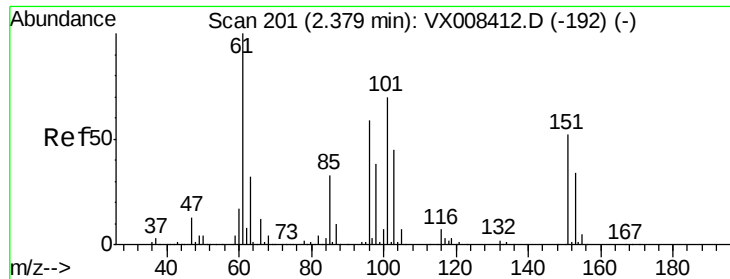
Diethyl Ether
 Concen: 44.207 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX008602.D
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Tgt Ion: 74 Resp: 70270
 Ion Ratio Lower Upper
 74 100
 45 114.3 56.4 169.2



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.443 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

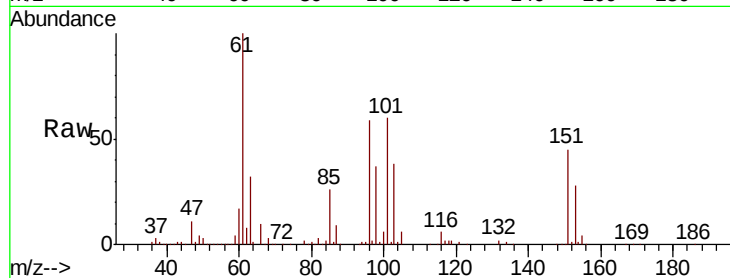
Tot Ion:101 Resp: 96305

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

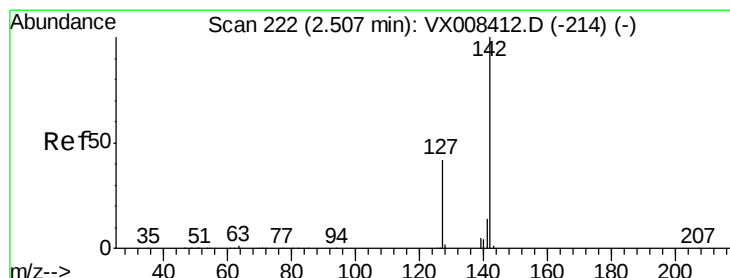
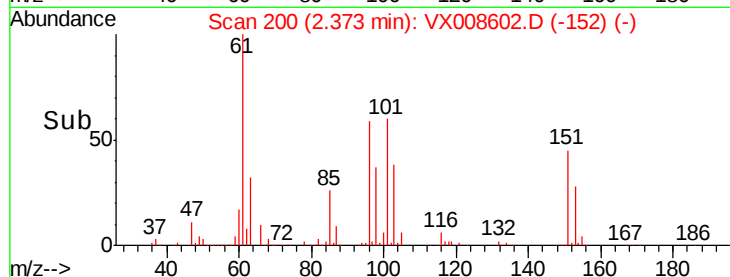
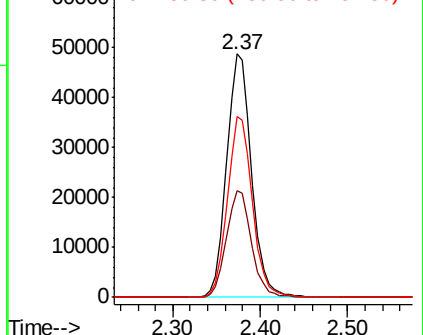
151 74.8 59.2 88.8



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: 44.163 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

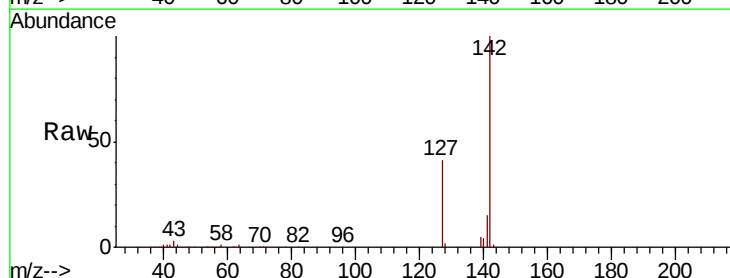
Tgt Ion:142 Resp: 86188

Ion Ratio Lower Upper

142 100

127 41.7 33.6 50.4

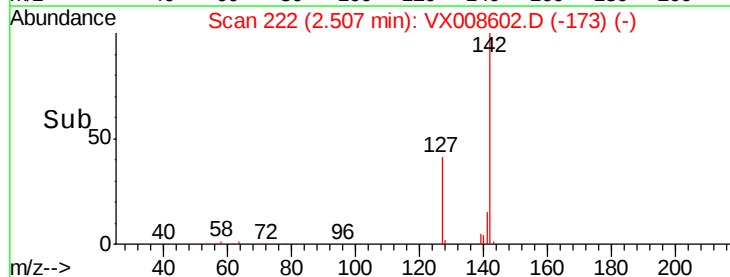
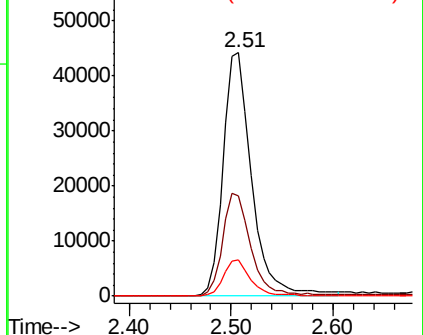
141 14.3 11.3 16.9

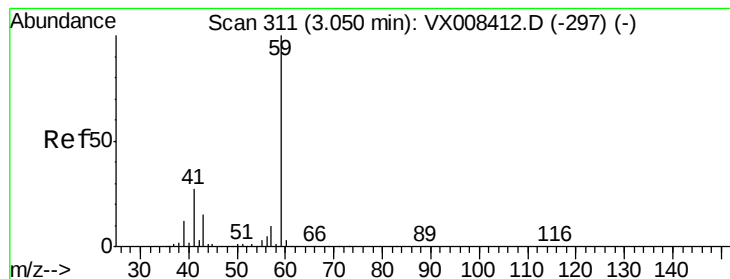


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



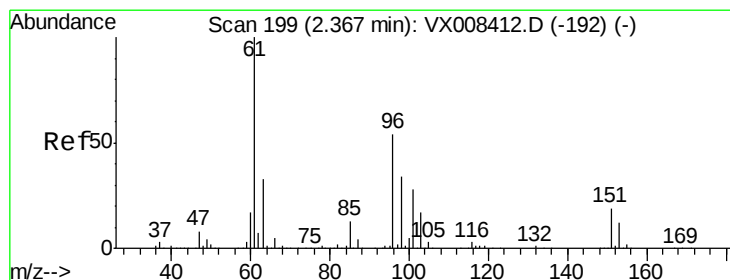
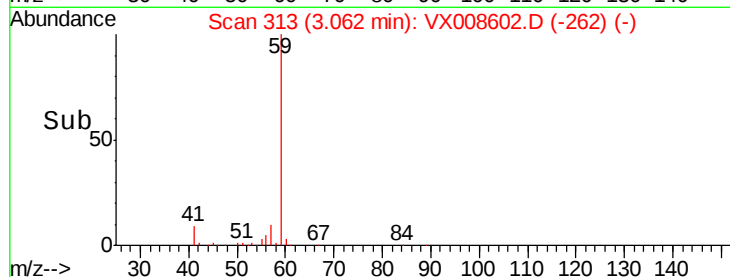
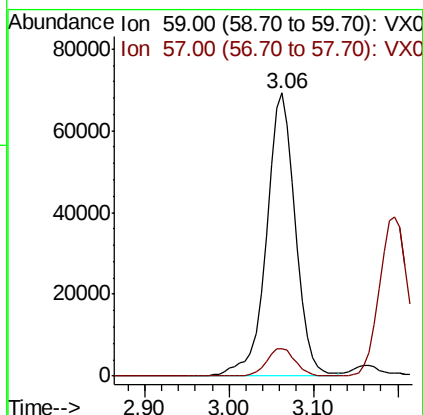
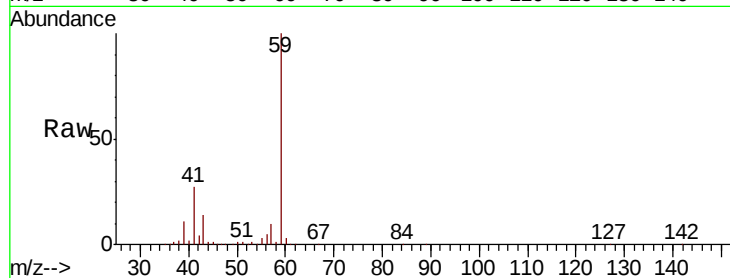


#11

Tert butyl alcohol
 Concen: 270.412 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. 0.01 min
 Lab File: VX008602.D
 Acq: 02 Apr 2019 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

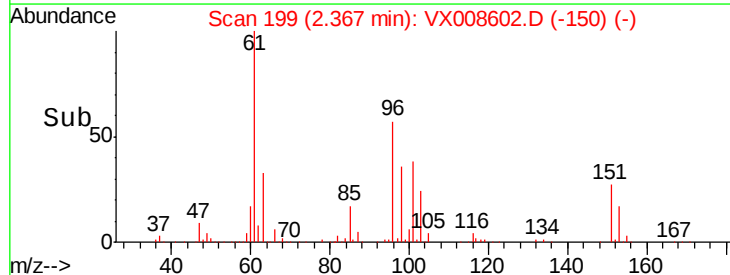
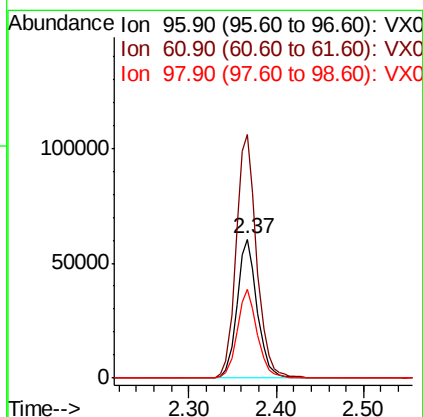
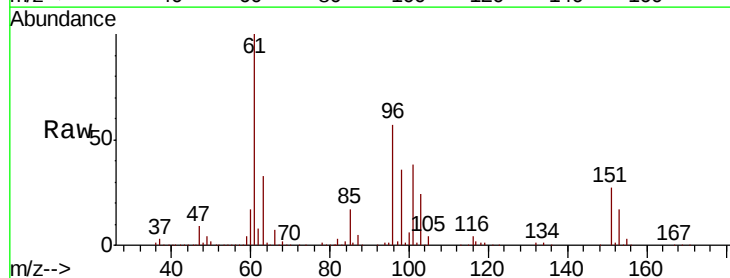
Tot Ion: 59 Resp: 163668
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.4

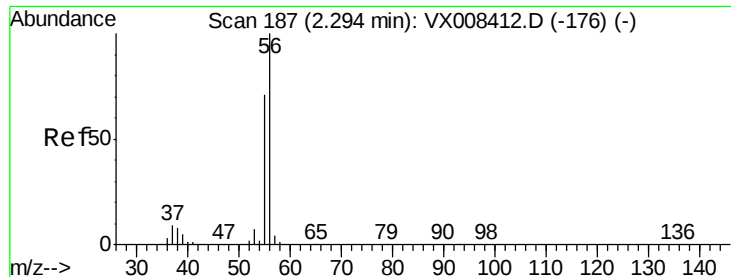


#12

1,1-Dichloroethene
 Concen: 46.406 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX008602.D
 Acq: 02 Apr 2019 19:48

Tgt Ion: 96 Resp: 97284
 Ion Ratio Lower Upper
 96 100
 61 175.5 146.9 220.3
 98 63.6 50.1 75.1





#13

Acrolein

Concen: 311.147 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

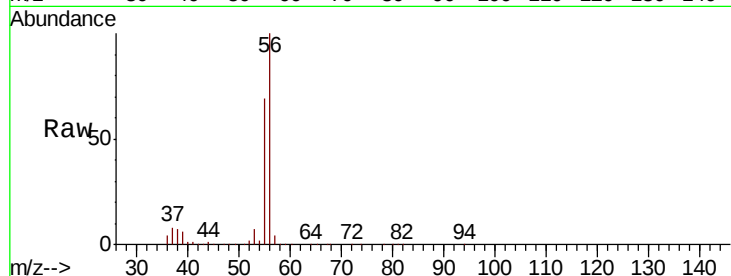
VSTDCCC050EC

Tot Ion: 56 Resp: 136759

Ion Ratio Lower Upper

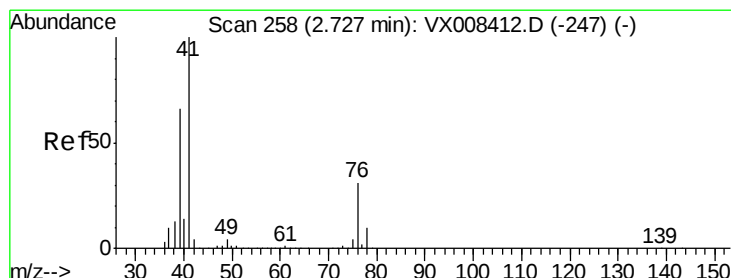
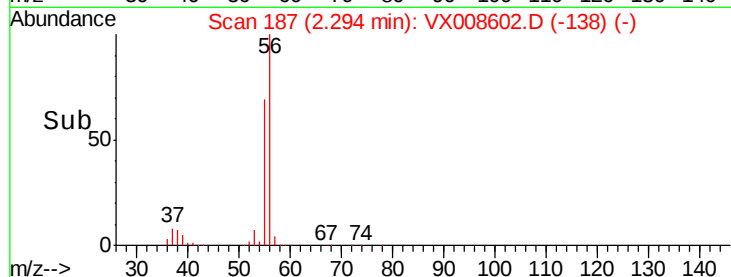
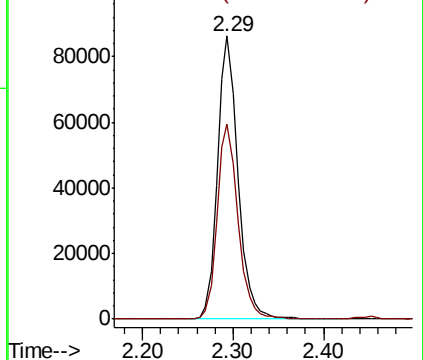
56 100

55 69.8 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.567 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

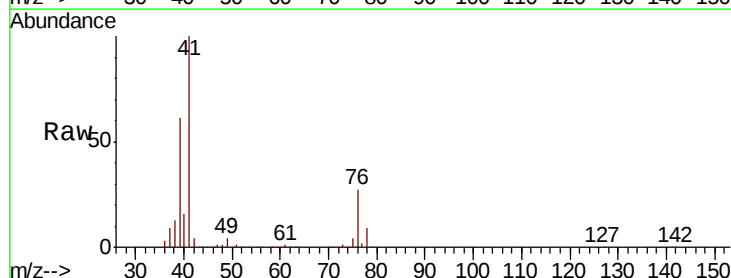
Tgt Ion: 41 Resp: 228926

Ion Ratio Lower Upper

41 100

39 59.4 49.6 74.4

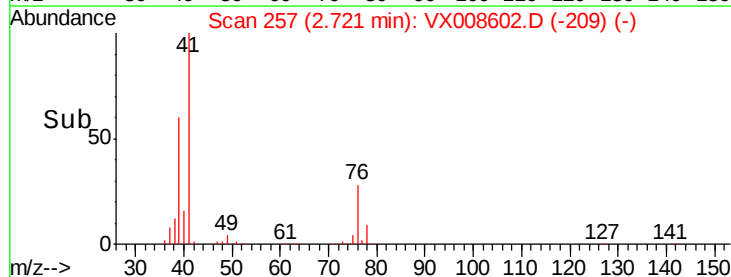
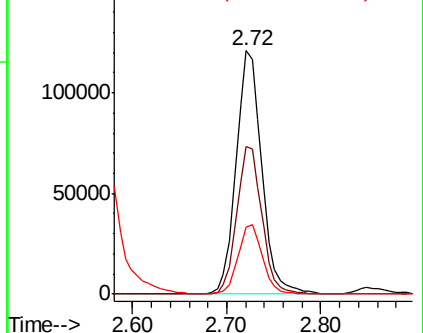
76 27.4 22.6 34.0

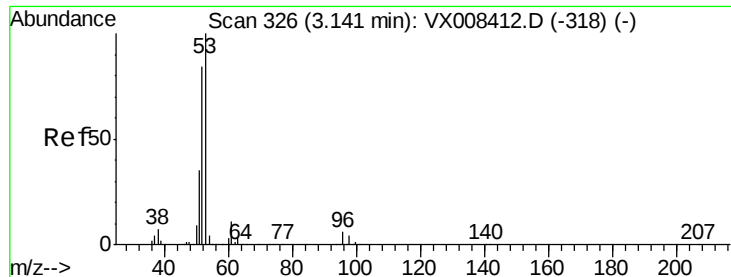


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 258.669 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

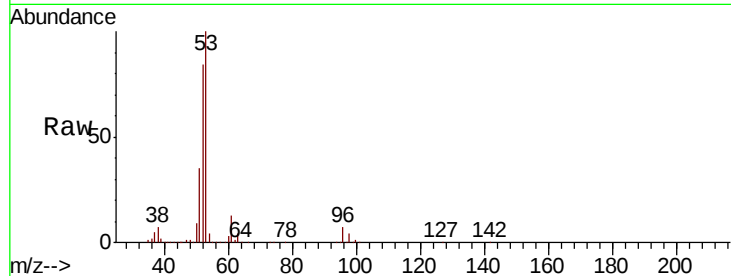
Tot Ion: 53 Resp: 410530

Ion Ratio Lower Upper

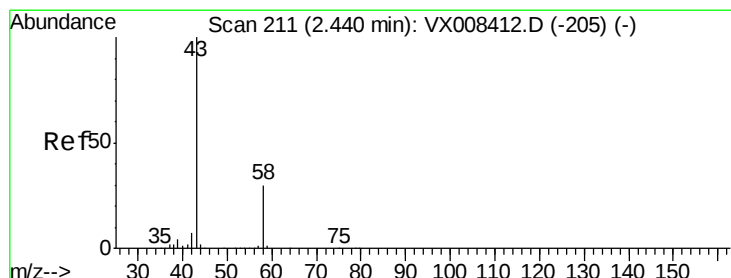
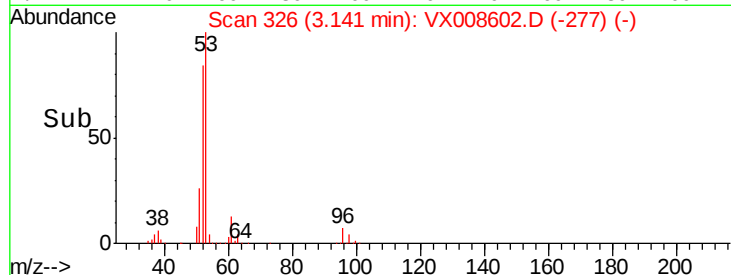
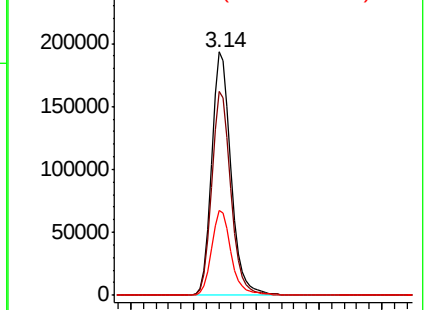
53 100

52 83.3 66.5 99.7

51 35.3 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 254.400 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX008602.D

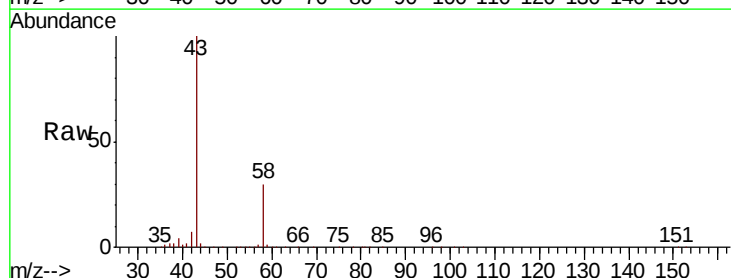
Acq: 02 Apr 2019 19:48

Tgt Ion: 43 Resp: 363231

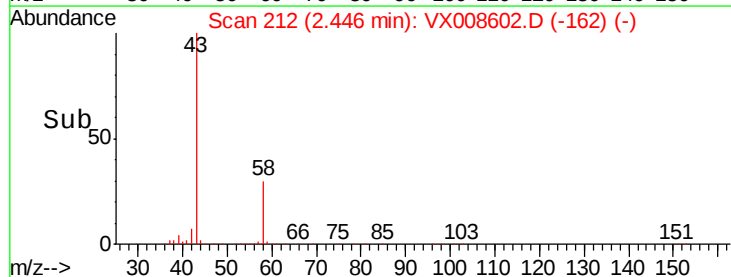
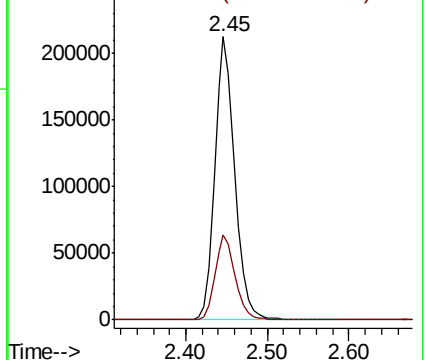
Ion Ratio Lower Upper

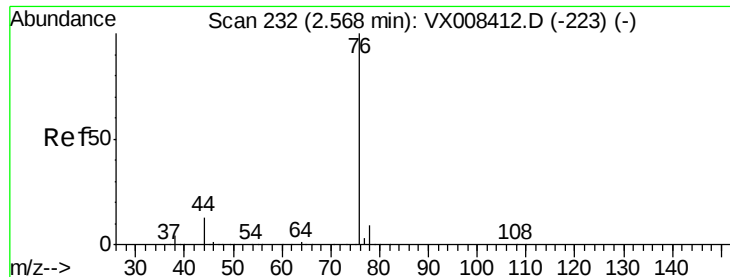
43 100

58 30.2 24.2 36.2



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

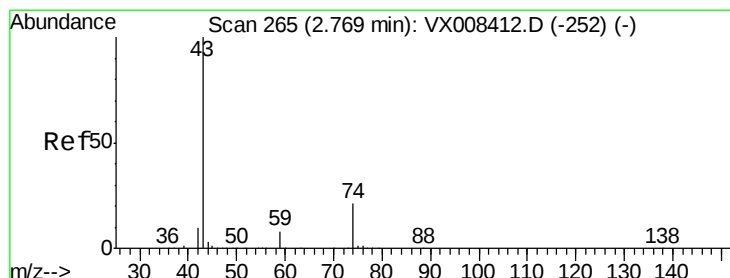
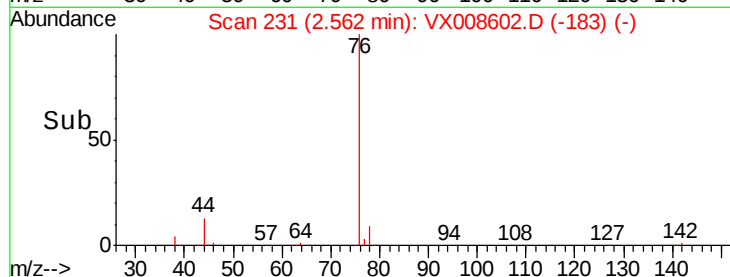
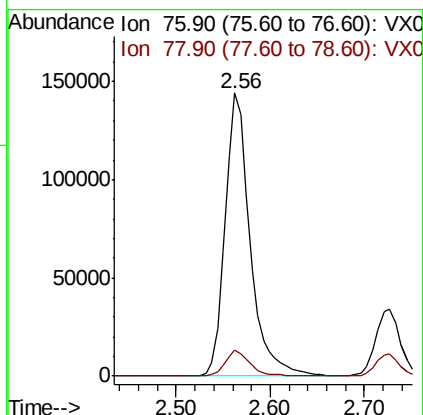
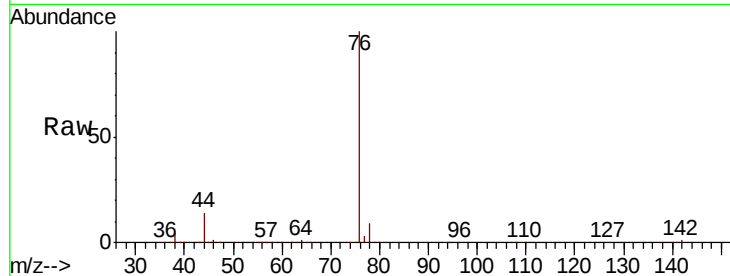




#17
Carbon Disulfide
Concen: 44.094 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

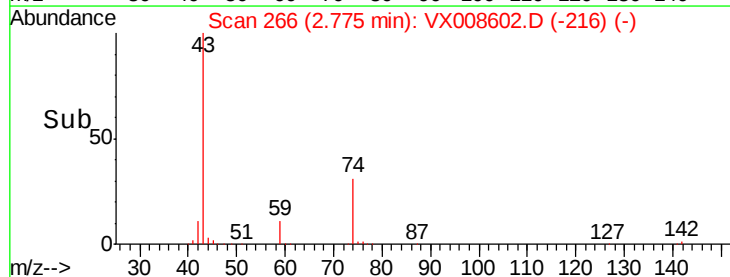
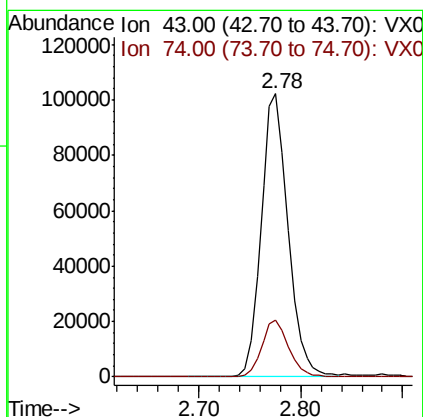
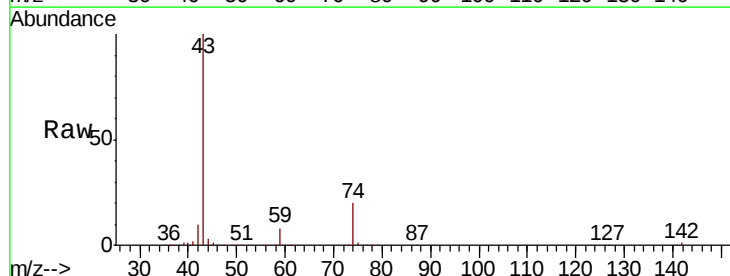
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

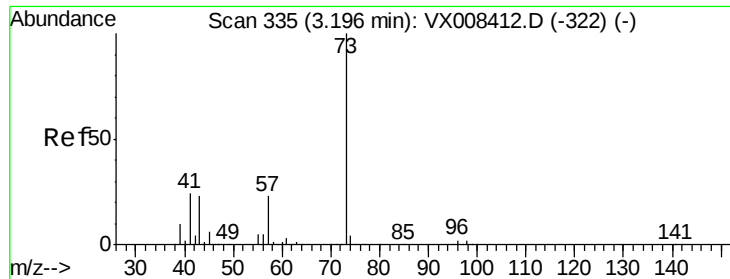
Tot Ion: 76 Resp: 265486
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 54.496 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

Tgt Ion: 43 Resp: 186876
Ion Ratio Lower Upper
43 100
74 20.5 16.7 25.1

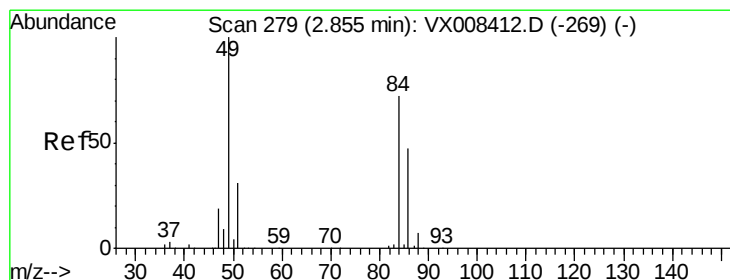
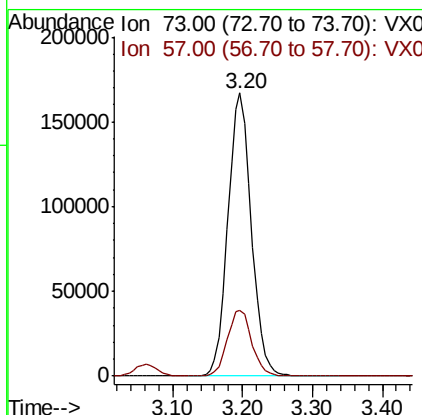
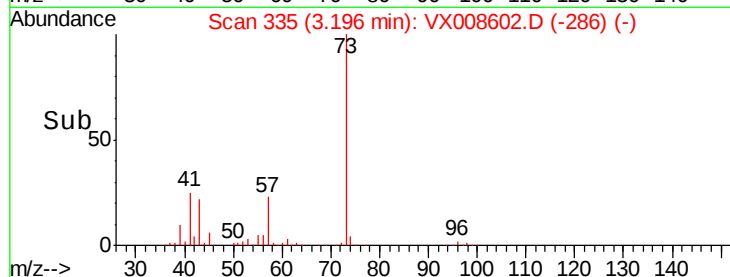
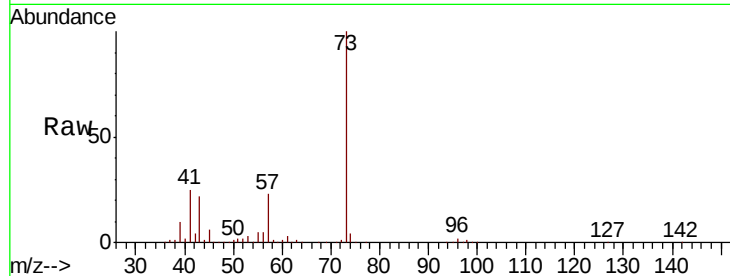




#19
Methyl tert-butyl Ether
Concen: 51.339 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

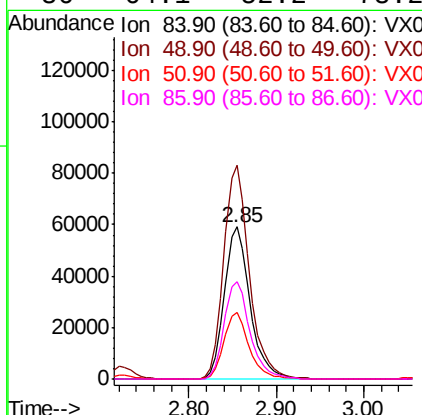
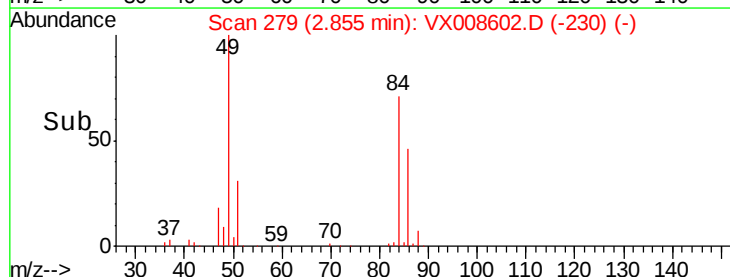
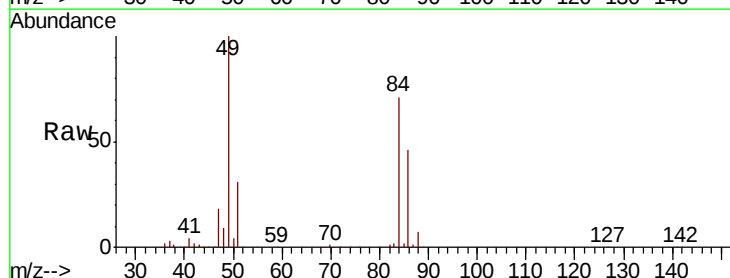
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

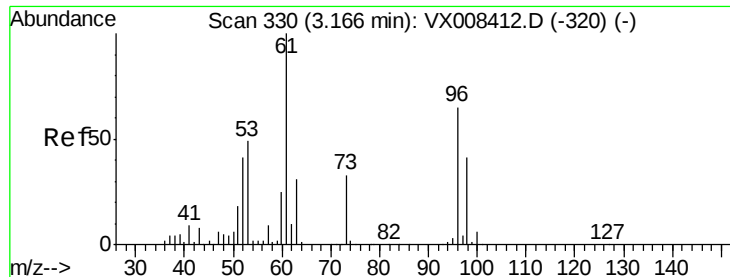
Tot Ion: 73 Resp: 387840
Ion Ratio Lower Upper
73 100
57 23.4 18.6 28.0



#20
Methylene Chloride
Concen: 51.768 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

Tgt Ion: 84 Resp: 120580
Ion Ratio Lower Upper
84 100
49 140.7 110.6 165.8
51 43.9 33.9 50.9
86 64.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 49.631 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

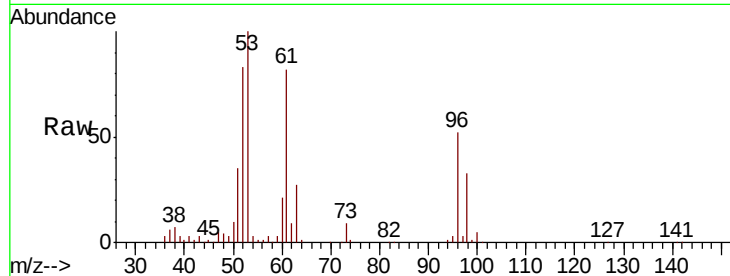
Tot Ion: 96 Resp: 103679

Ion Ratio Lower Upper

96 100

61 157.5 122.6 184.0

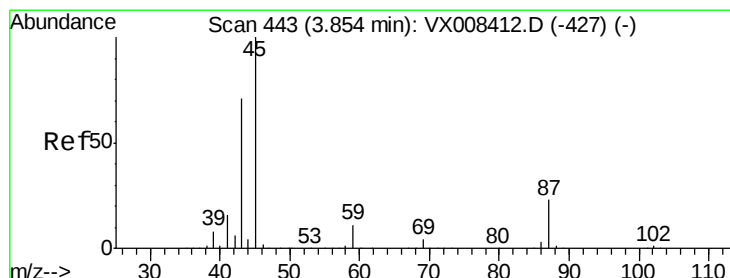
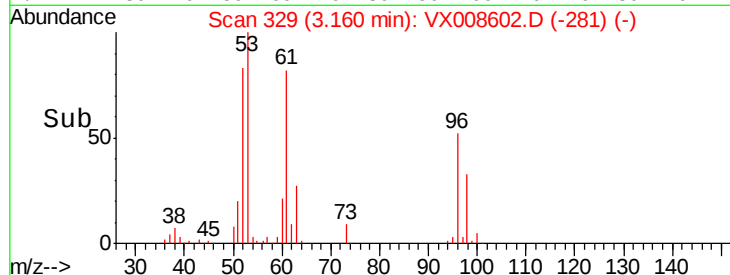
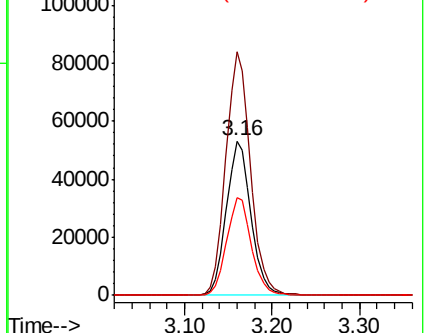
98 63.1 50.9 76.3



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: 50.749 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Tgt Ion: 45 Resp: 461522

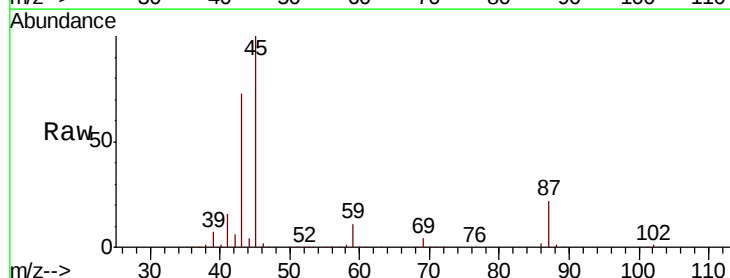
Ion Ratio Lower Upper

45 100

43 72.7 57.1 85.7

87 22.2 18.8 28.2

59 10.9 8.7 13.1

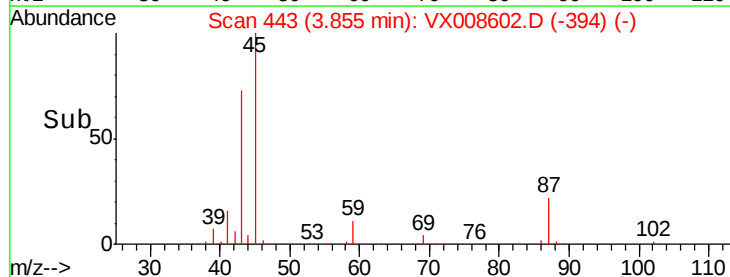
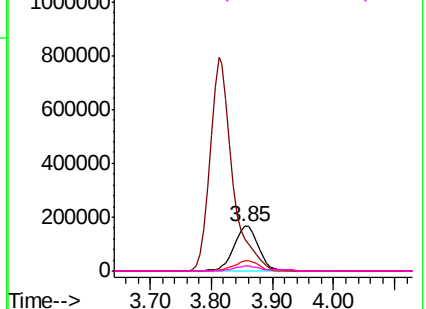


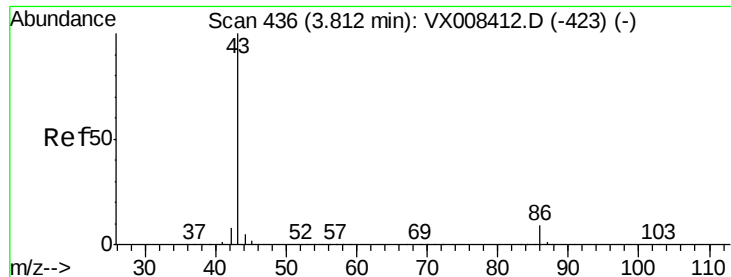
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 257.864 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

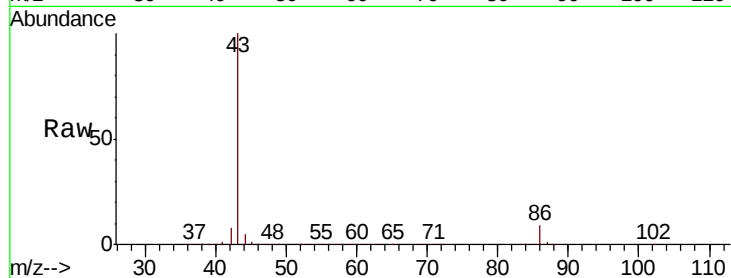
VSTDCCC050EC

Tot Ion: 43 Resp: 2045919

Ion Ratio Lower Upper

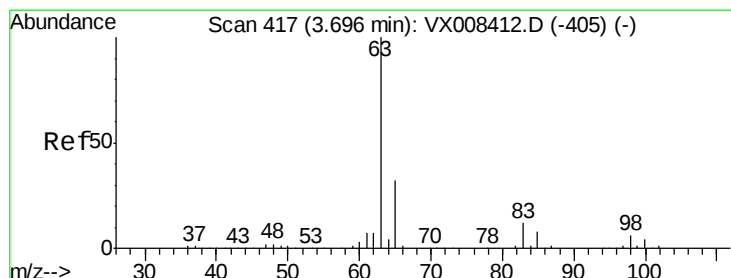
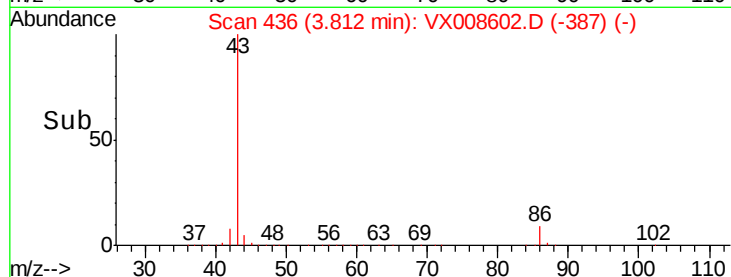
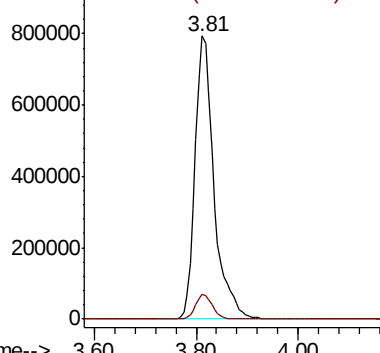
43 100

86 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.210 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

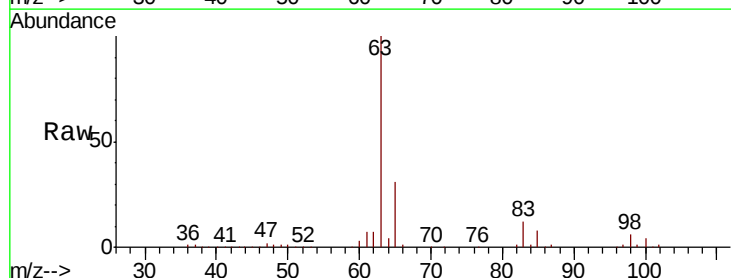
Tgt Ion: 63 Resp: 225931

Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

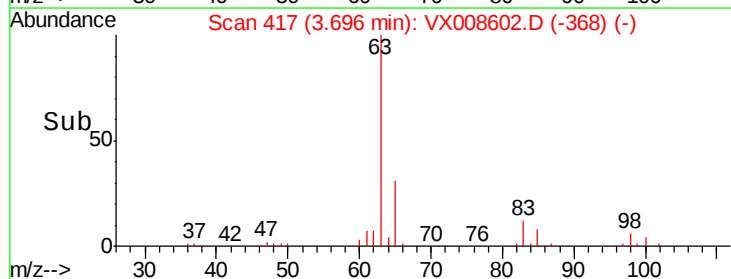
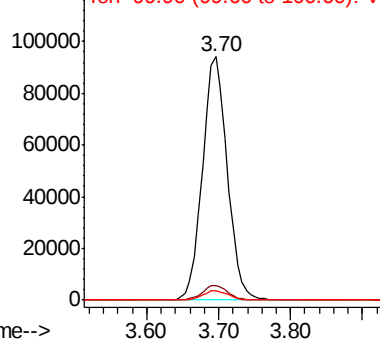
100 3.7 2.0 5.8

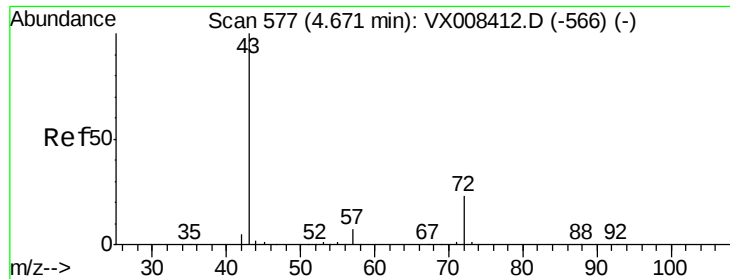


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 268.656 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

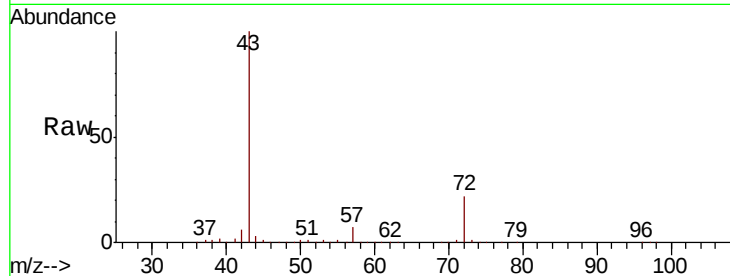
VSTDCCC050EC

Tot Ion: 43 Resp: 614958

Ion Ratio Lower Upper

43 100

72 22.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

50000

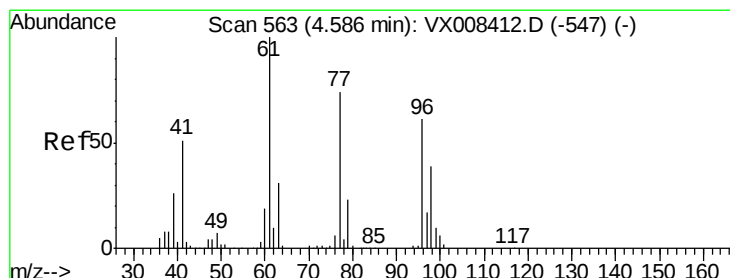
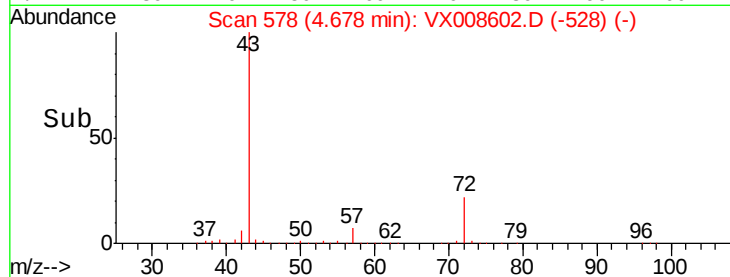
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 51.266 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008602.D

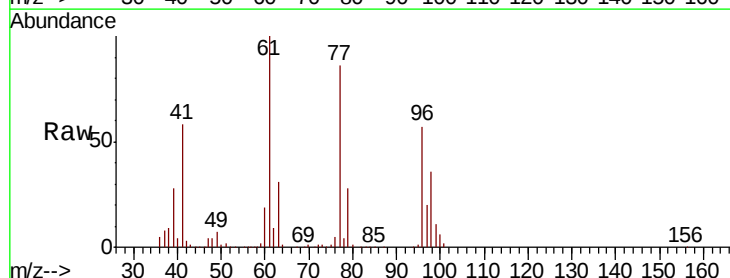
Acq: 02 Apr 2019 19:48

Tgt Ion: 77 Resp: 156551

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

20000

10000

0

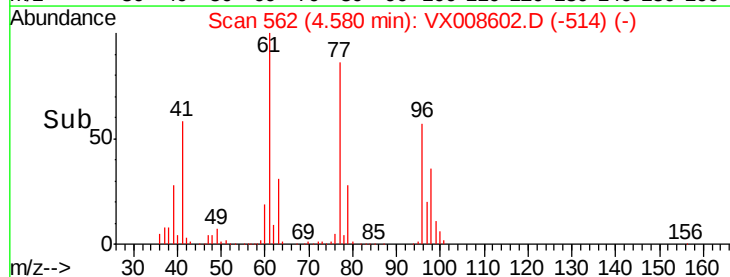
4.40

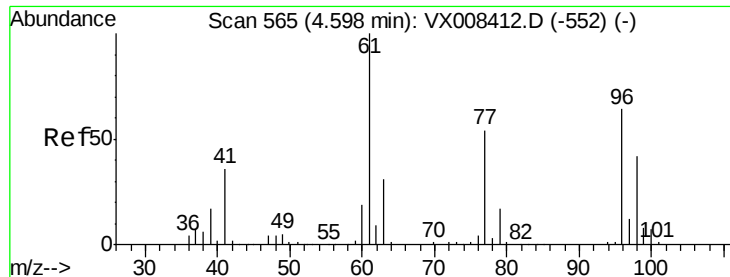
4.50

4.60

4.70

Time-->



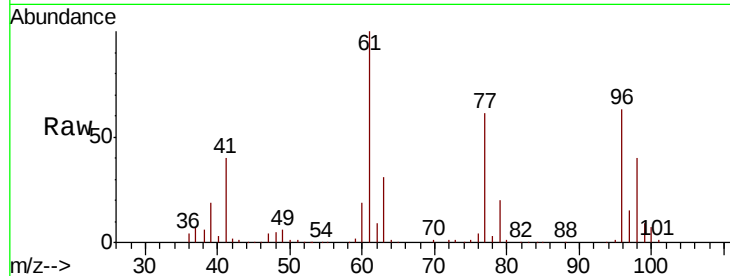


#27

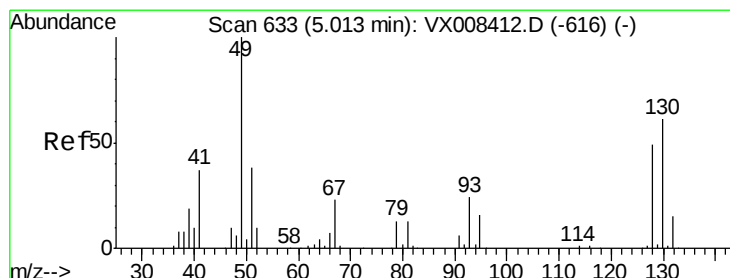
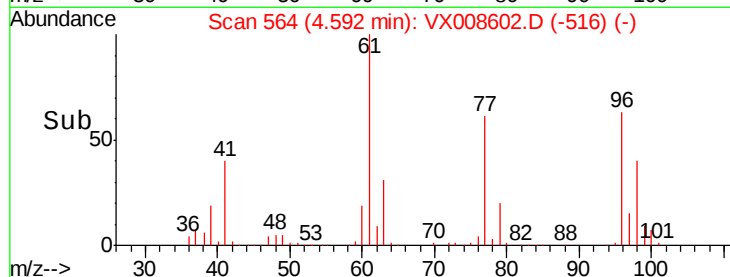
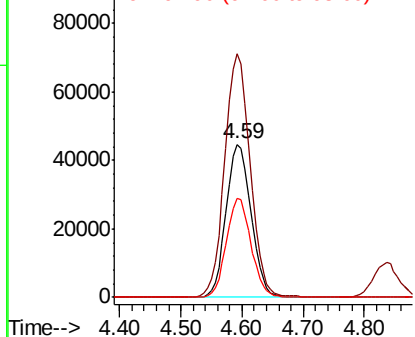
cis-1,2-Dichloroethene
 Concen: 49.056 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008602.D
 Acq: 02 Apr 2019 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.6	0.0	325.6
98	63.9	0.0	130.0



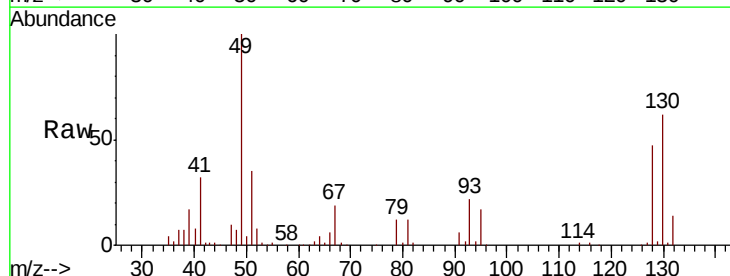
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



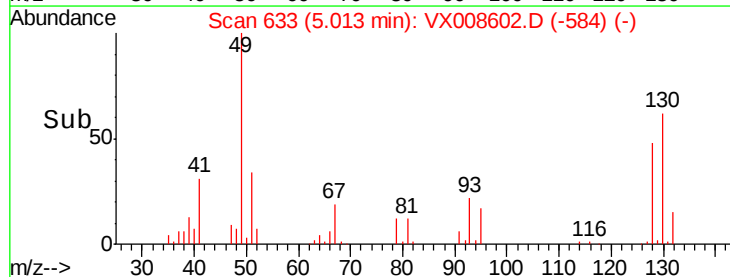
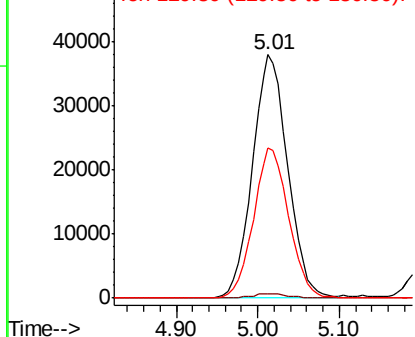
#28

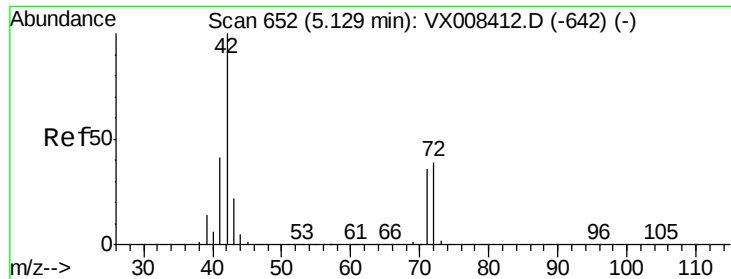
Bromochloromethane
 Concen: 50.307 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX008602.D
 Acq: 02 Apr 2019 19:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	61.6	49.8	74.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 259.260 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

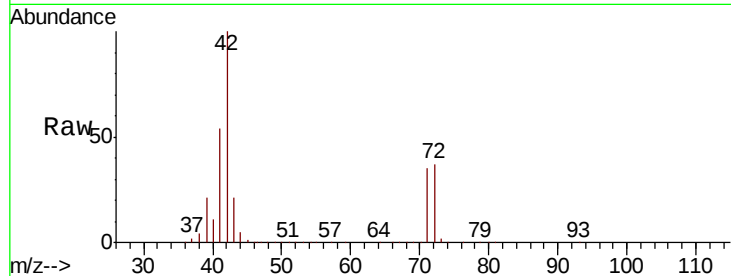
Tot Ion: 42 Resp: 391127

Ion Ratio Lower Upper

42 100

72 38.5 31.4 47.2

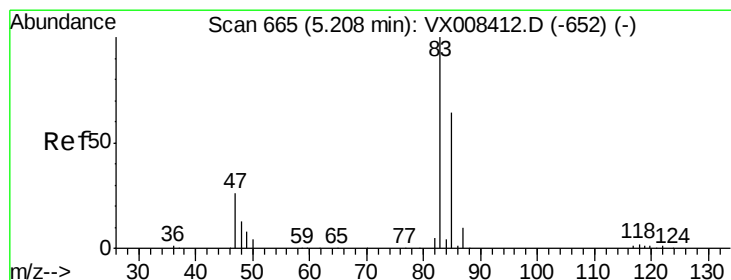
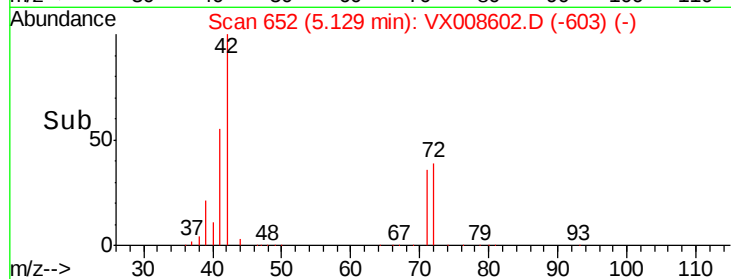
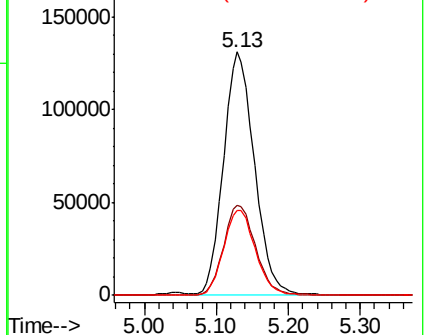
71 36.1 29.4 44.2



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: 49.802 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX008602.D

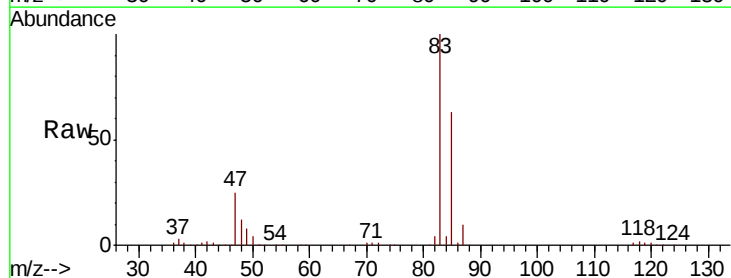
Acq: 02 Apr 2019 19:48

Tgt Ion: 83 Resp: 206351

Ion Ratio Lower Upper

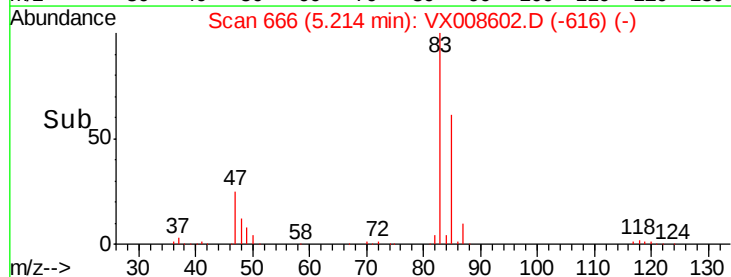
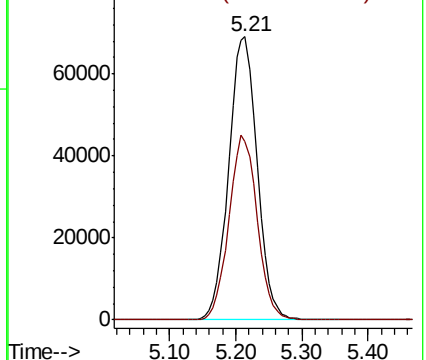
83 100

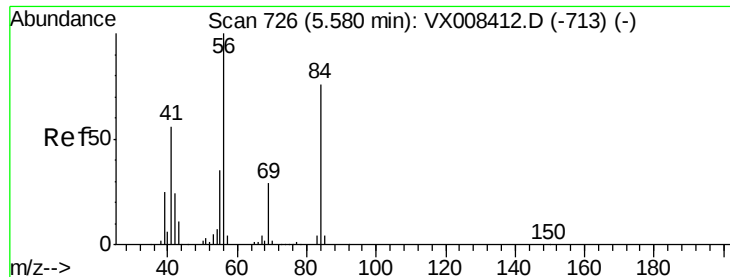
85 63.0 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

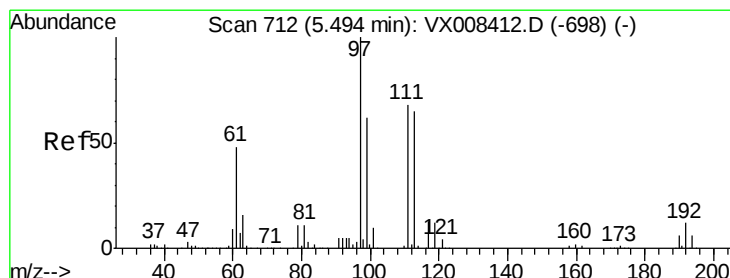
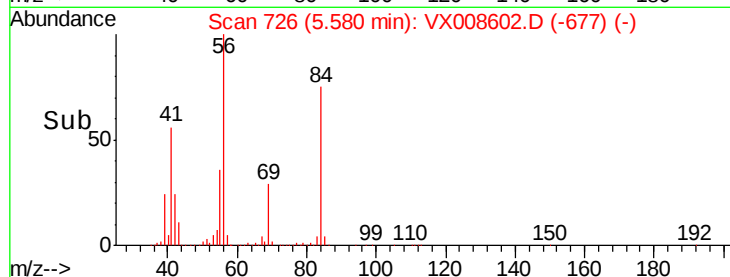
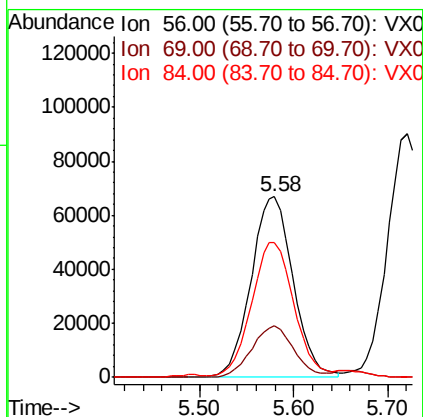
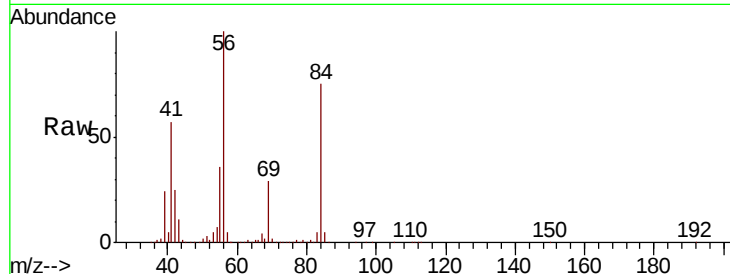




#31
Cyclohexane
Concen: 47.689 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

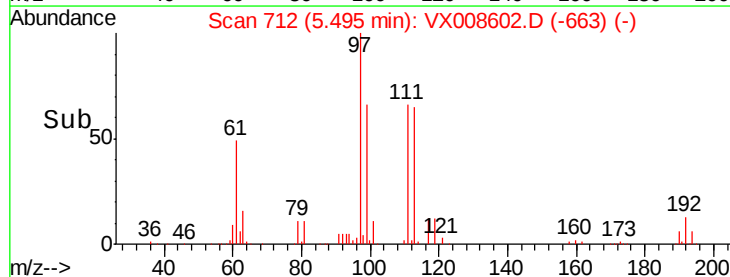
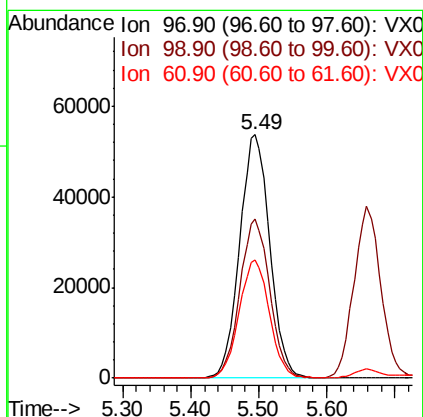
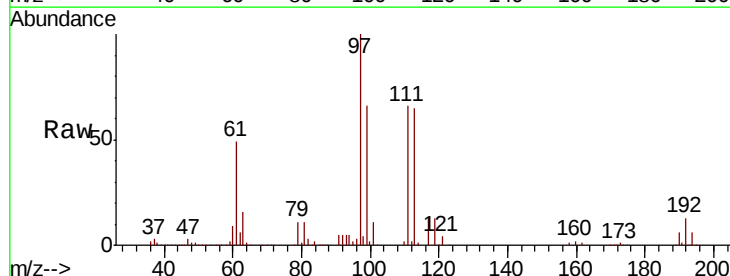
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

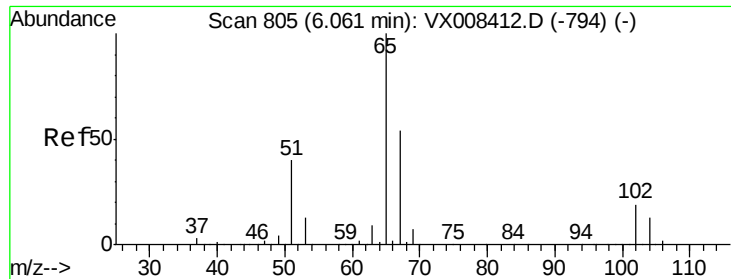
Tot Ion: 56 Resp: 208820
Ion Ratio Lower Upper
56 100
69 28.7 23.2 34.8
84 73.3 60.7 91.1



#32
1,1,1-Trichloroethane
Concen: 49.945 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

Tgt Ion: 97 Resp: 165414
Ion Ratio Lower Upper
97 100
99 65.0 51.5 77.3
61 48.8 38.8 58.2

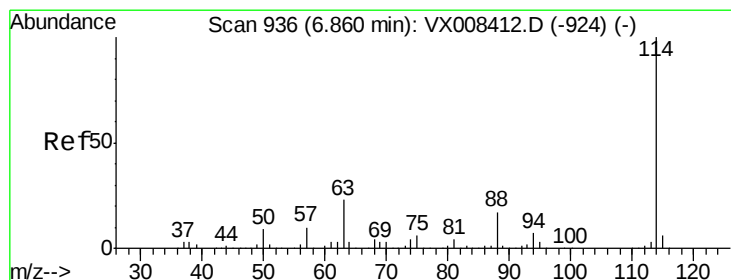
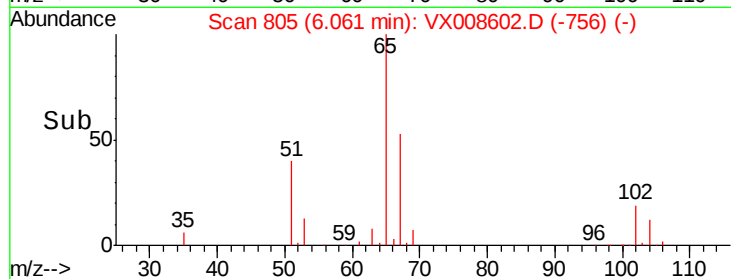
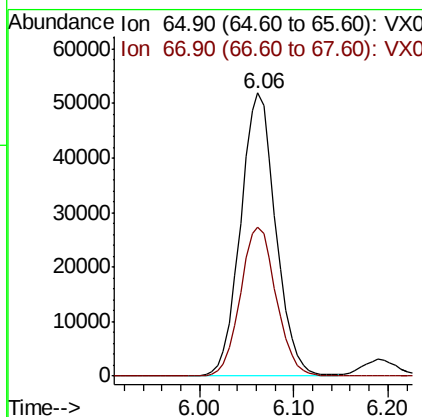
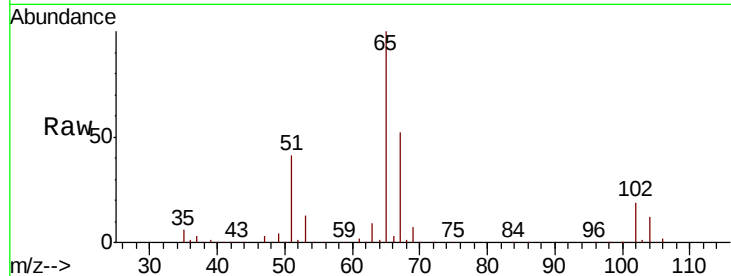




#33
 1,2-Dichloroethane-d4
 Concen: 49.758 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008602.D
 Acq: 02 Apr 2019 19:48

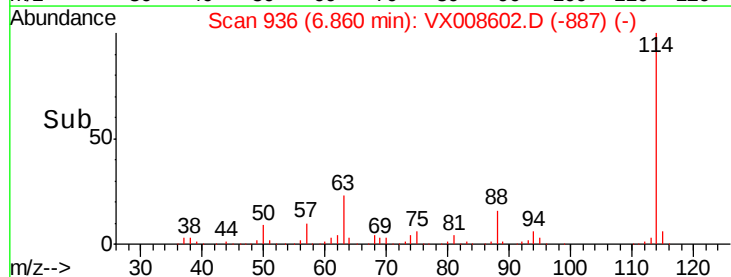
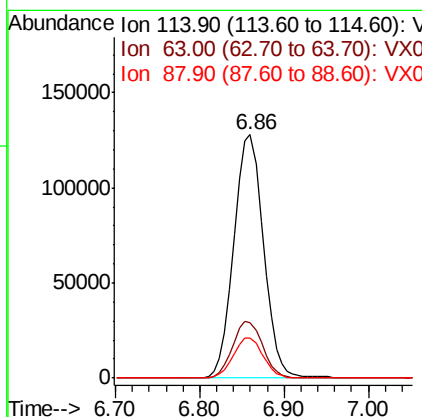
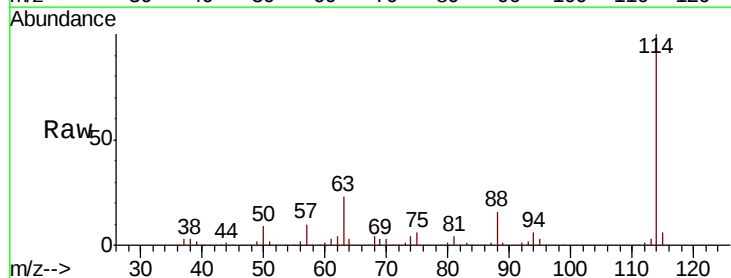
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

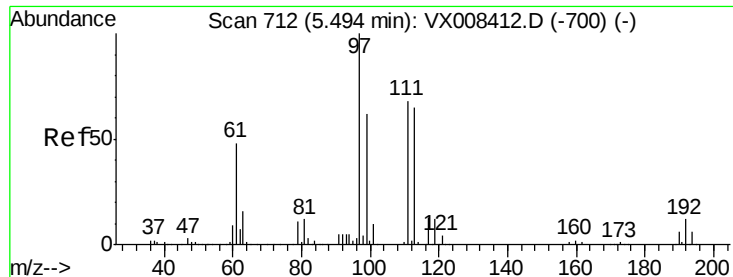
Tot Ion: 65 Resp: 135929
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008602.D
 Acq: 02 Apr 2019 19:48

Tgt Ion: 114 Resp: 305406
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 46.4
 88 16.5 0.0 33.2

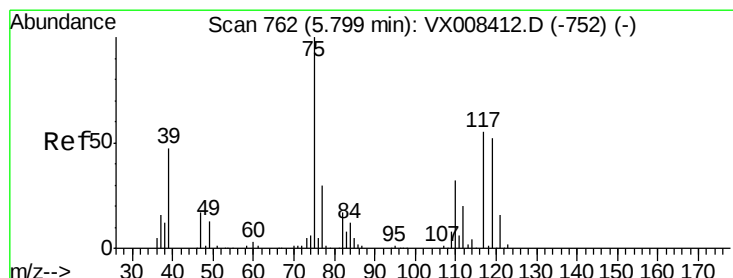
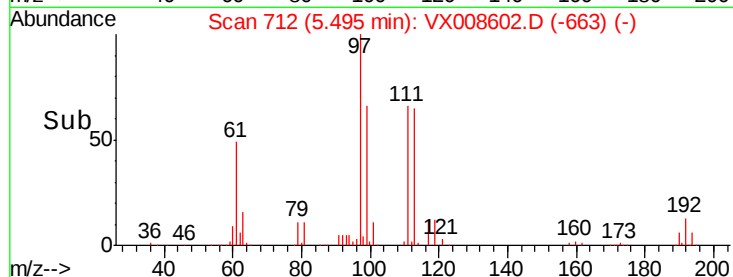
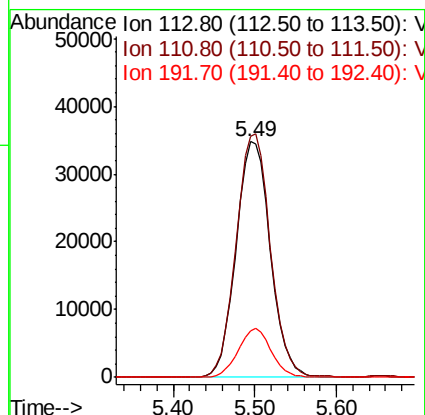
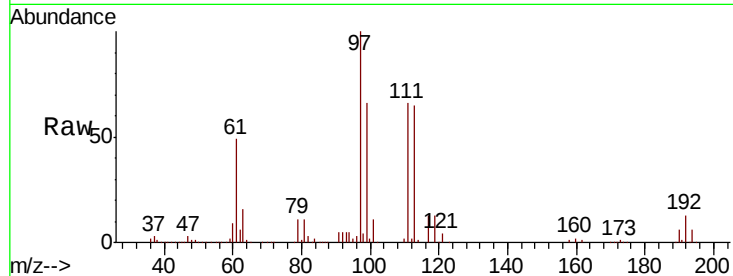




#35
Dibromofluoromethane
Concen: 50.871 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

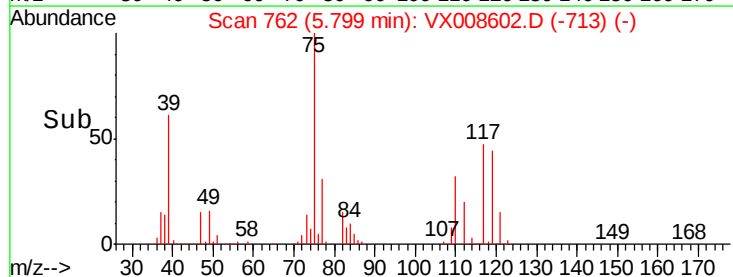
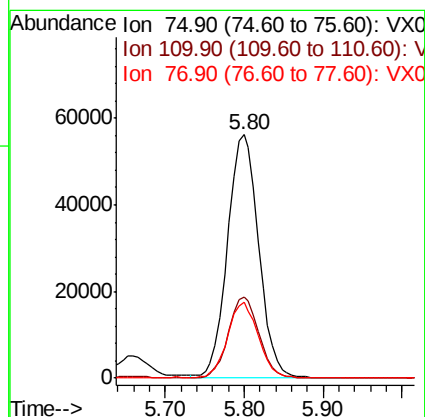
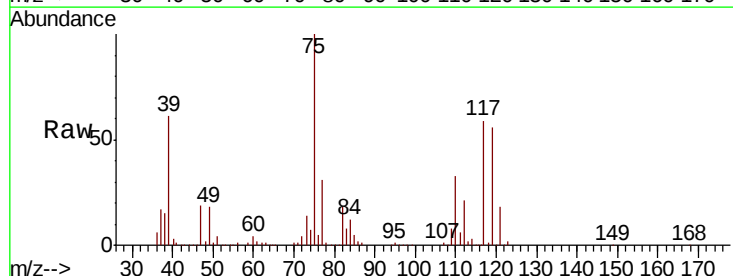
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

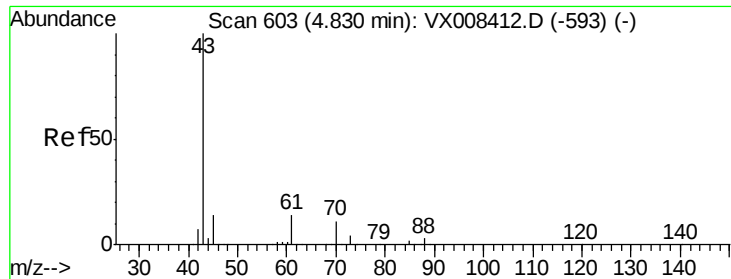
Tot Ion:113 Resp: 101304
Ion Ratio Lower Upper
113 100
111 103.1 83.0 124.4
192 20.1 15.6 23.4



#36
1,1-Dichloropropene
Concen: 47.404 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

Tgt Ion: 75 Resp: 154363
Ion Ratio Lower Upper
75 100
110 33.0 16.6 49.7
77 30.9 24.2 36.2





#37

Ethyl Acetate

Concen: 53.523 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

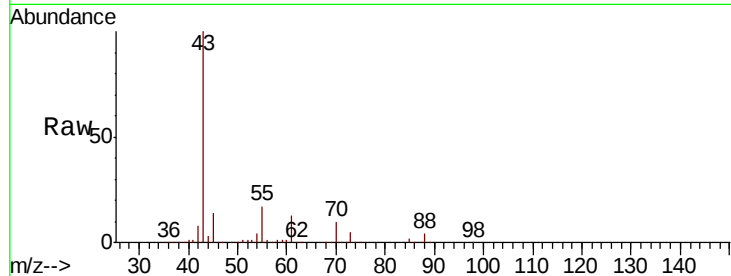
Tot Ion: 43 Resp: 225785

Ion Ratio Lower Upper

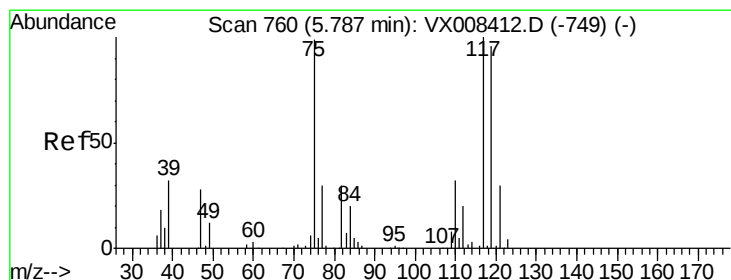
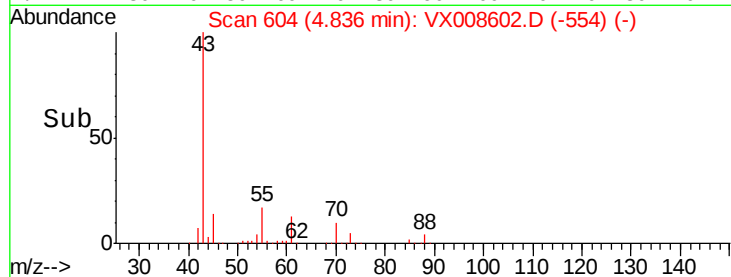
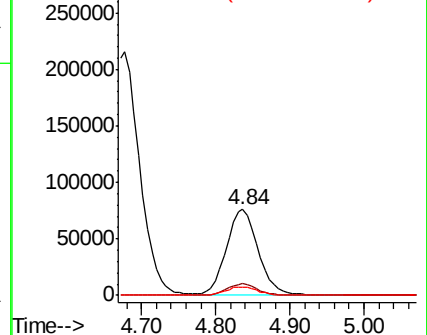
43 100

61 12.8 10.5 15.7

70 9.9 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.874 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

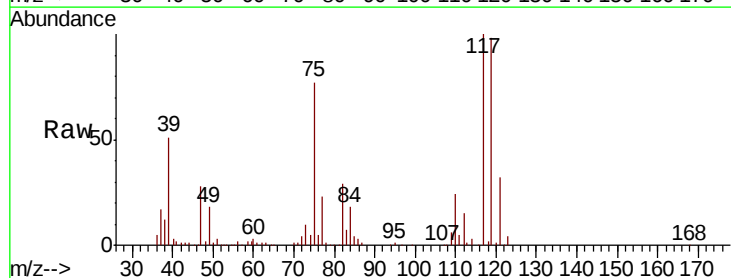
Tgt Ion: 117 Resp: 135532

Ion Ratio Lower Upper

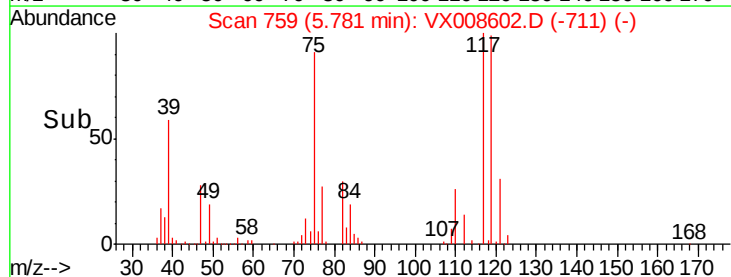
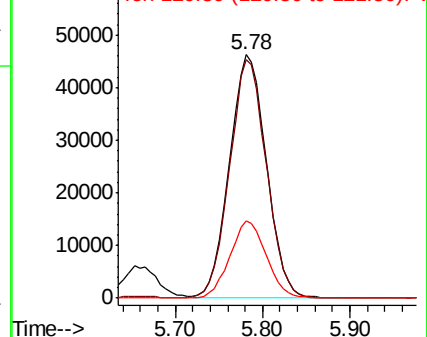
117 100

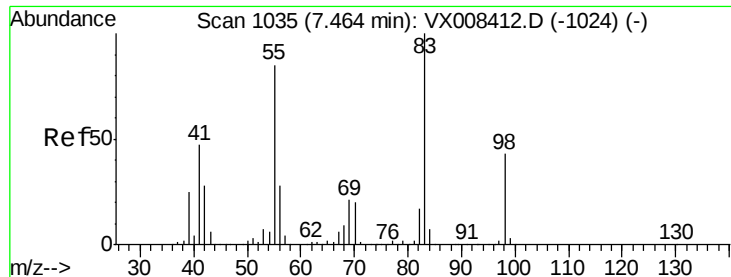
119 98.2 76.7 115.1

121 31.6 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

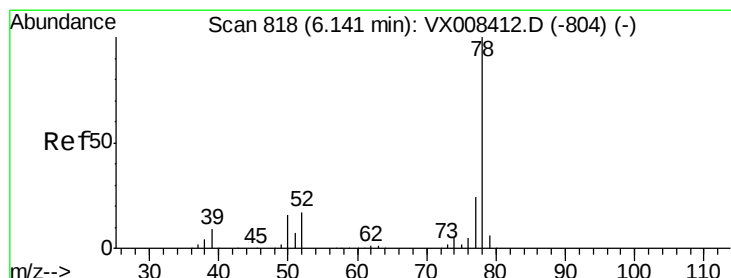
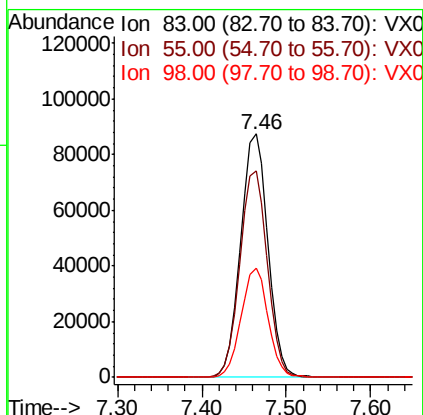
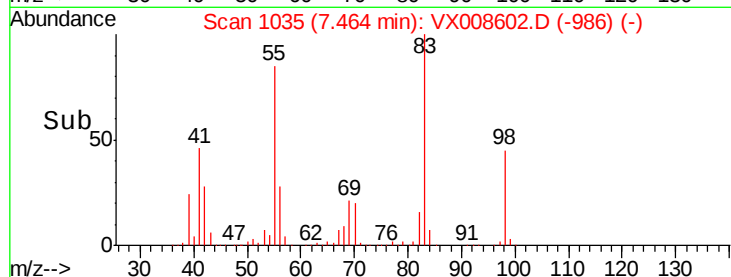
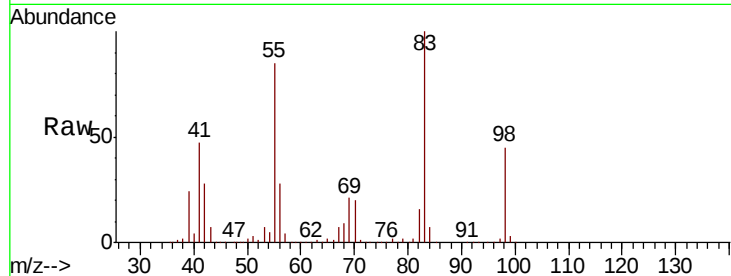




#39
Methvlcvclohexane
Concen: 48.882 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

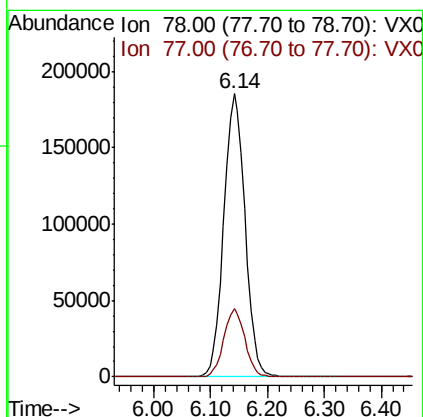
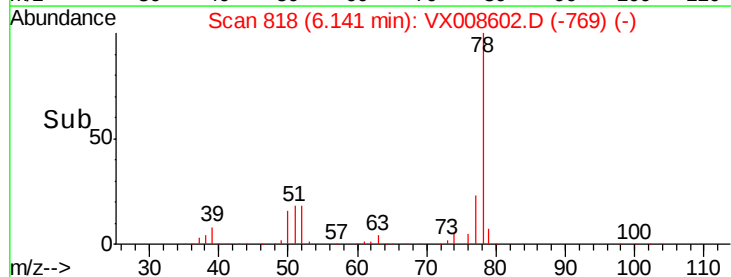
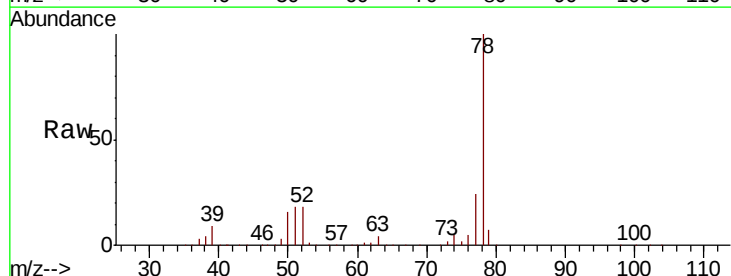
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

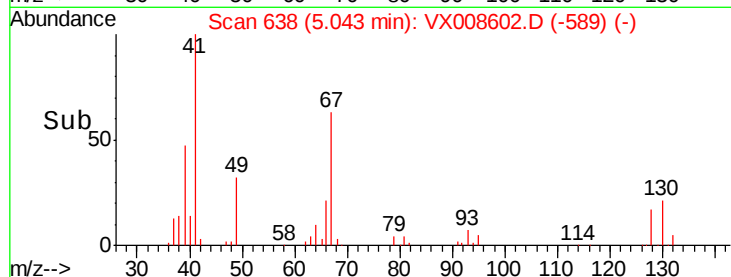
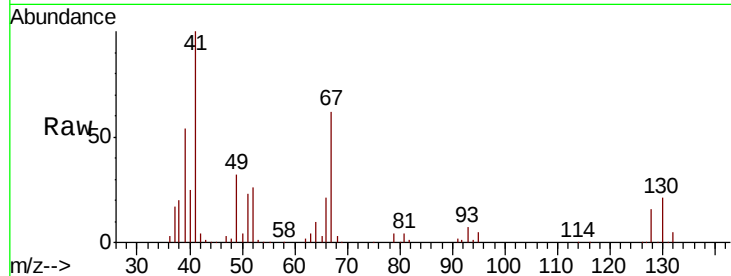
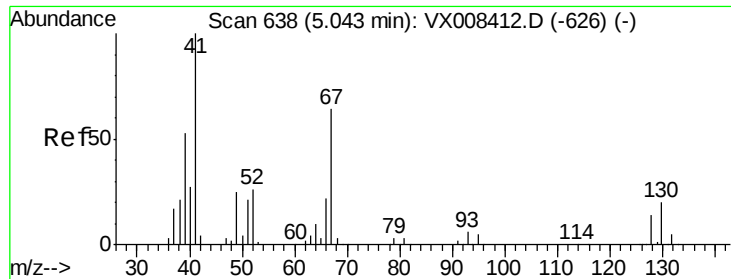
Tot Ion: 83 Resp: 190228
Ion Ratio Lower Upper
83 100
55 84.6 68.2 102.4
98 44.6 34.2 51.4



#40
Benzene
Concen: 49.503 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

Tgt Ion: 78 Resp: 482580
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

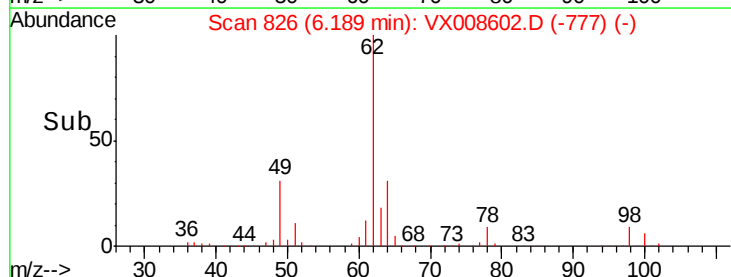
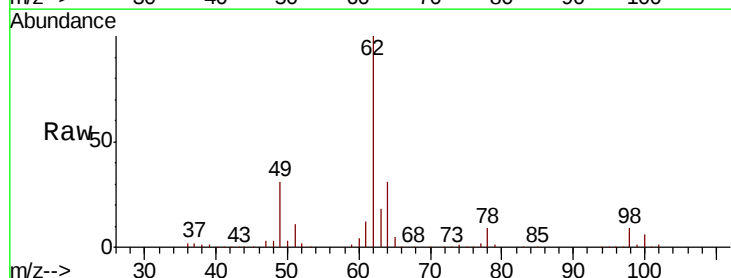
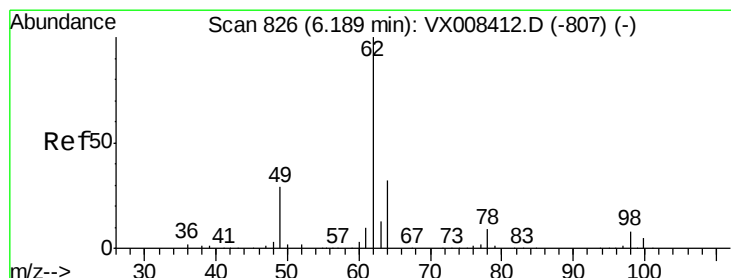
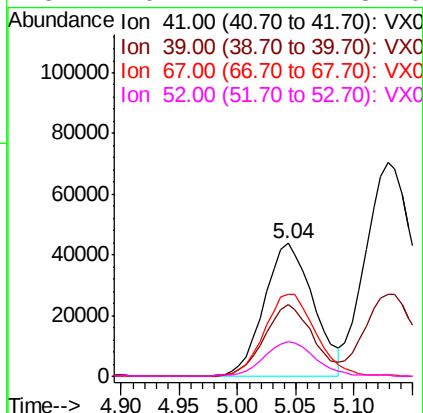




#41
Methacrylonitrile
Concen: 54.126 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

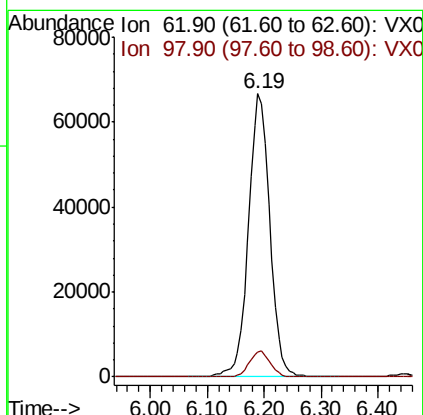
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

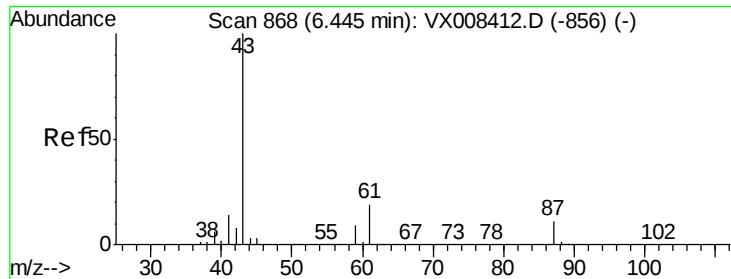
Tot Ion:	41	Resp:	128316
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.6	64.0
67	64.5	52.2	78.4
52	26.7	21.4	32.0



#42
1,2-Dichloroethane
Concen: 48.755 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

Tgt Ion:	62	Resp:	174019
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.6



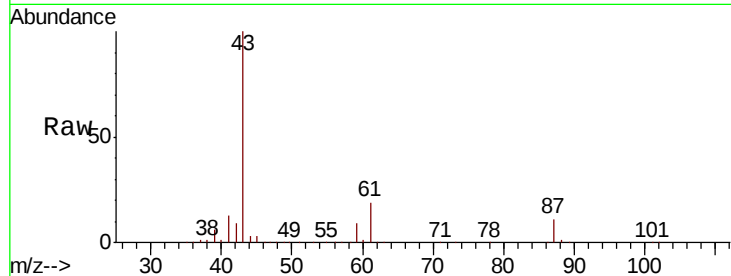


#43

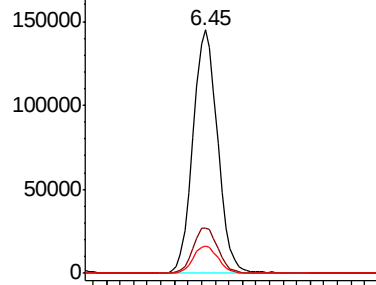
Isopropyl Acetate
 Concen: 53.988 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008602.D
 Acq: 02 Apr 2019 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

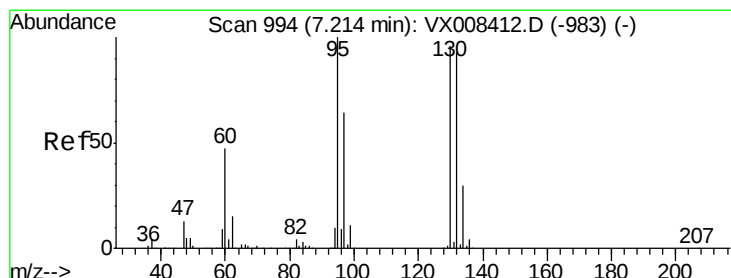
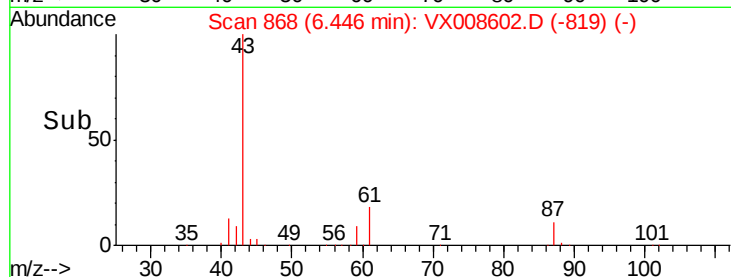
Tot Ion	43	Resp	364283
Ion Ratio	Lower	Upper	
43	100		
61	19.0	15.4	23.2
87	11.3	9.1	13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



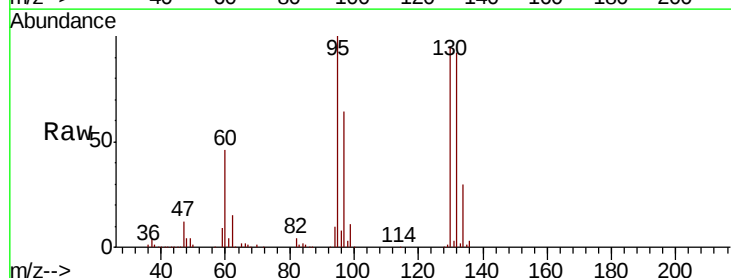
Time-->



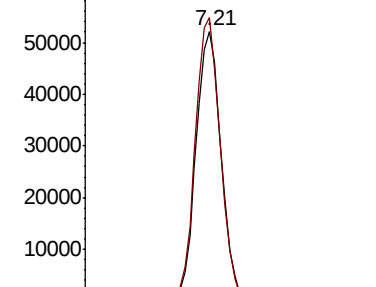
#44

Trichloroethene
 Concen: 48.503 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008602.D
 Acq: 02 Apr 2019 19:48

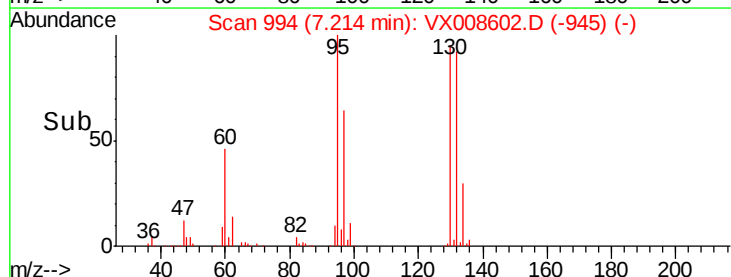
Tgt Ion	130	Resp	111021
Ion Ratio	Lower	Upper	
130	100		
95	105.0	0.0	208.8

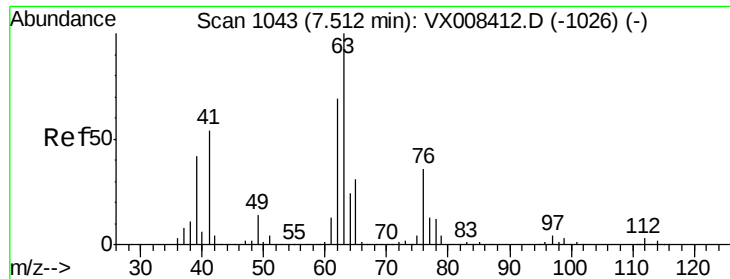


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0



Time-->





#45

1,2-Dichloropropane

Concen: 51.095 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

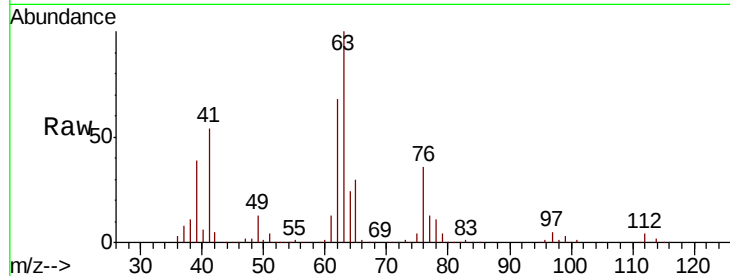
VSTDCCC050EC

Tot Ion: 63 Resp: 141581

Ion Ratio Lower Upper

63 100

65 30.3 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

80000

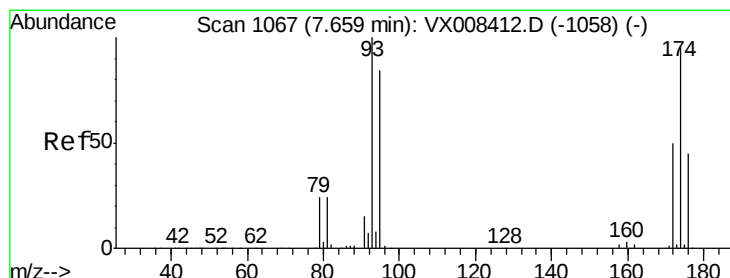
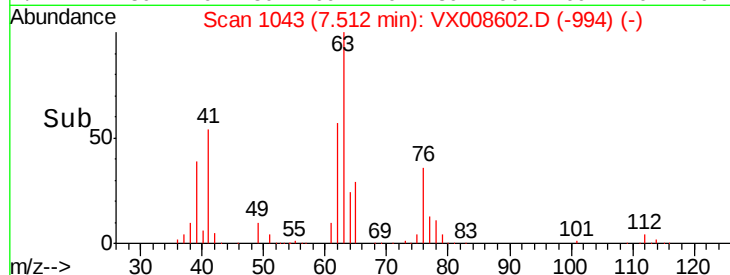
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 49.446 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

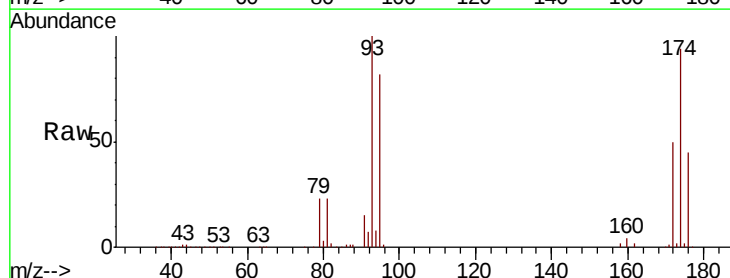
Tgt Ion: 93 Resp: 80008

Ion Ratio Lower Upper

93 100

95 81.5 67.0 100.6

174 94.3 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

7.66

50000

40000

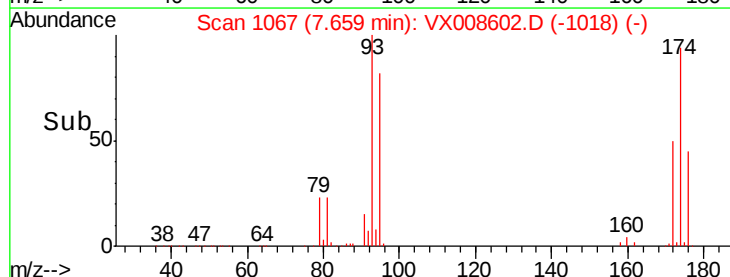
30000

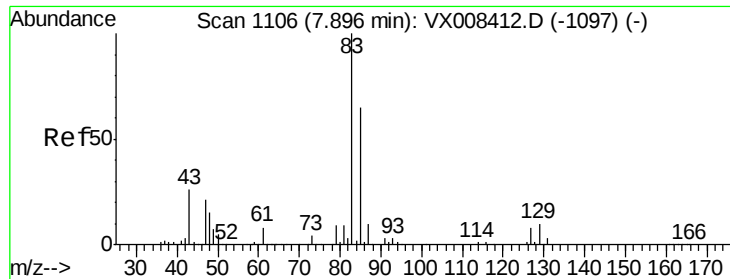
20000

10000

0

Time--> 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 52.057 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

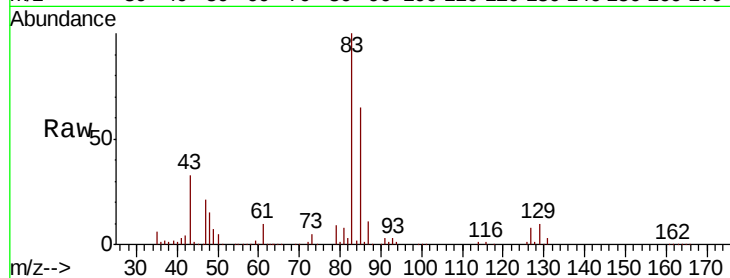
Tot Ion: 83 Resp: 161226

Ion Ratio Lower Upper

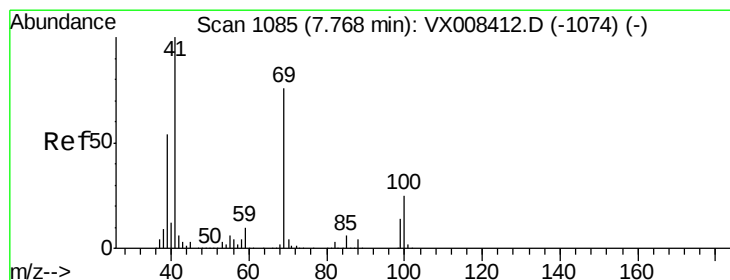
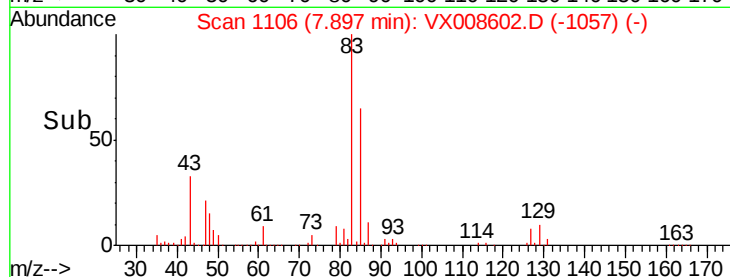
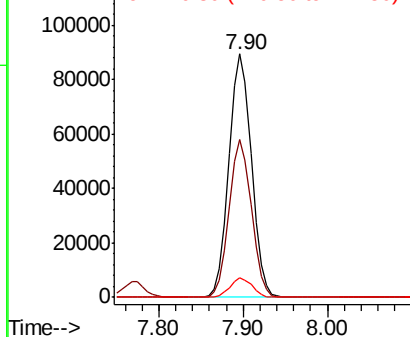
83 100

85 64.7 52.0 78.0

127 8.0 6.4 9.6



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



#48

Methyl methacrylate

Concen: 55.131 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

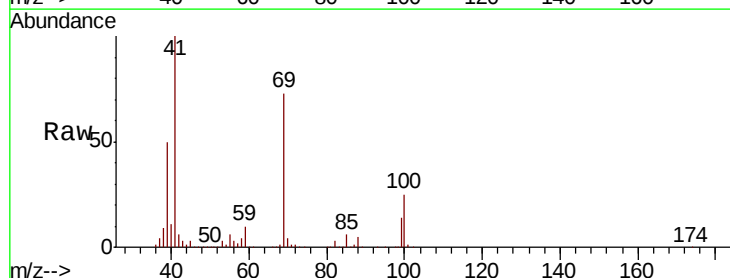
Tgt Ion: 41 Resp: 186131

Ion Ratio Lower Upper

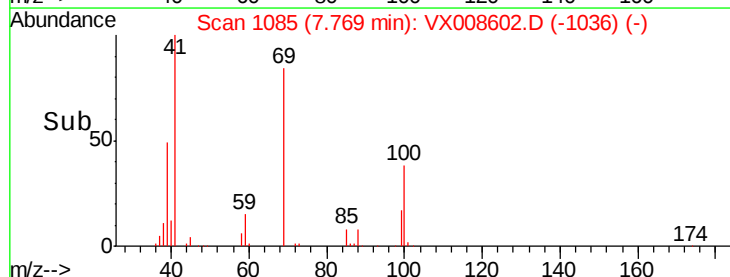
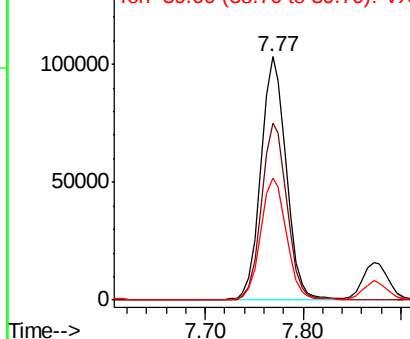
41 100

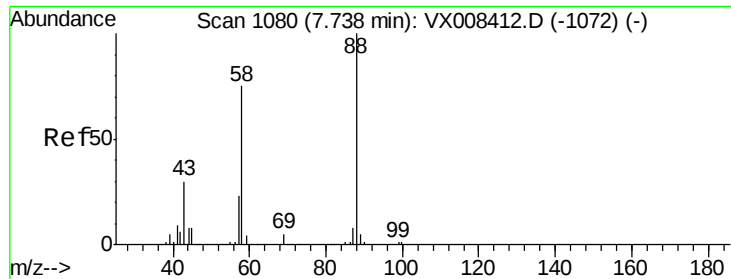
69 73.3 60.8 91.2

39 50.7 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

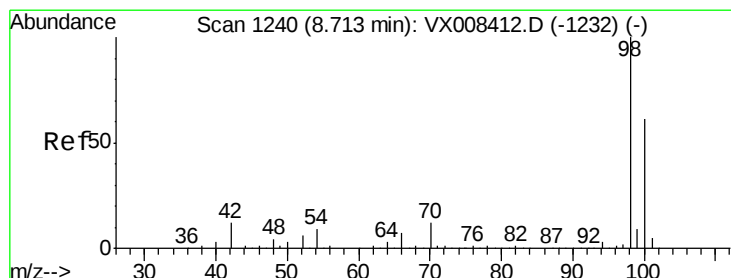
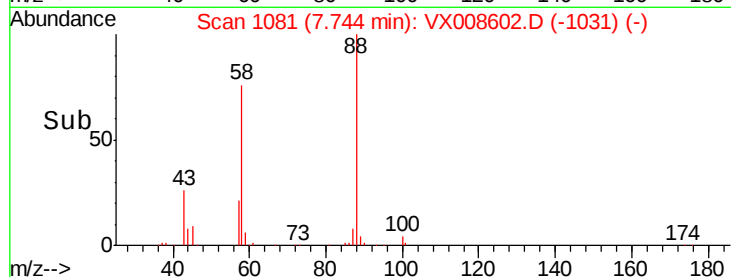
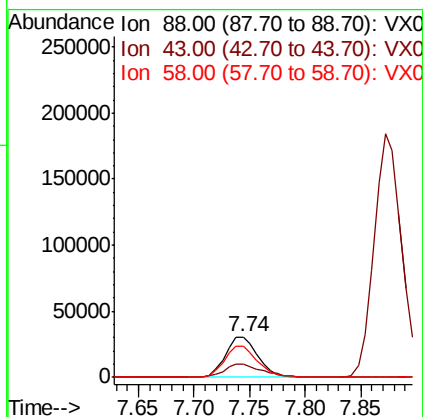
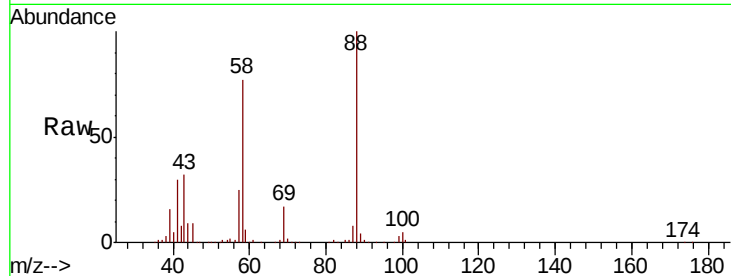




#49
1,4-Dioxane
Concen: 919.130 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

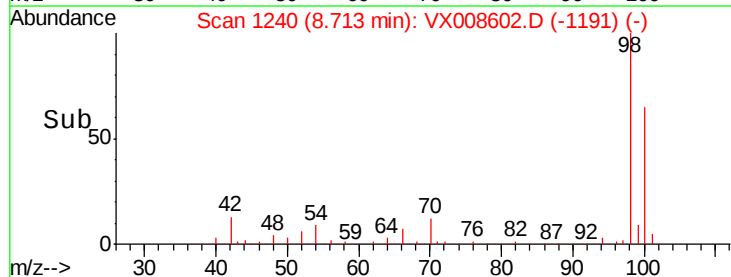
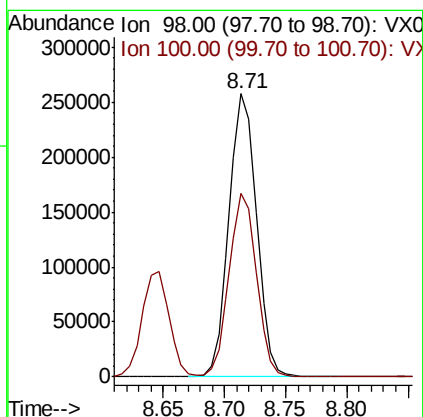
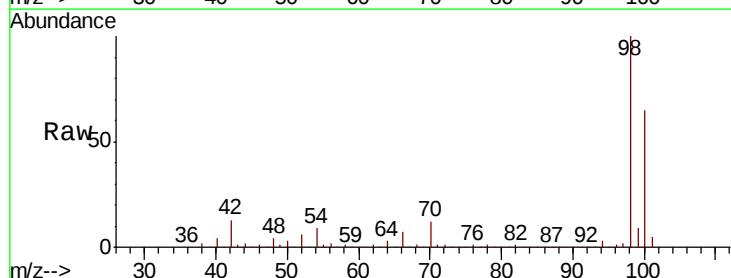
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

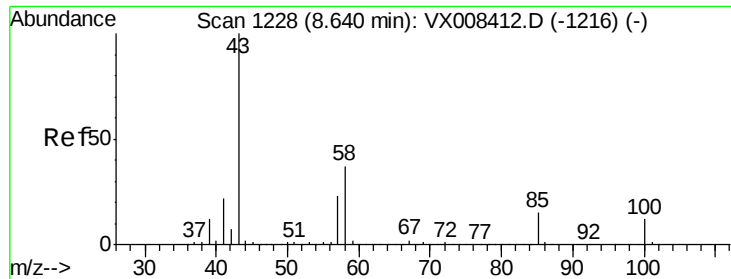
Tot Ion: 88 Resp: 61701
Ion Ratio Lower Upper
88 100
43 37.6 28.6 43.0
58 79.9 63.0 94.4



#50
Toluene-d8
Concen: 50.721 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

Tgt Ion: 98 Resp: 403881
Ion Ratio Lower Upper
98 100
100 64.6 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 279.278 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

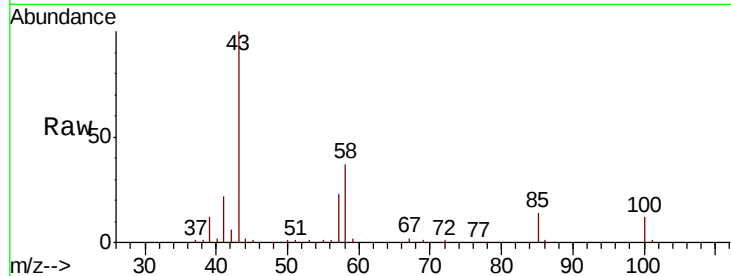
VSTDCCC050EC

Tot Ion: 43 Resp: 1223947

Ion Ratio Lower Upper

43 100

58 37.1 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

800000

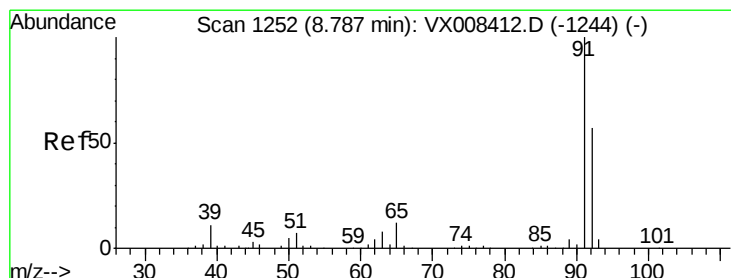
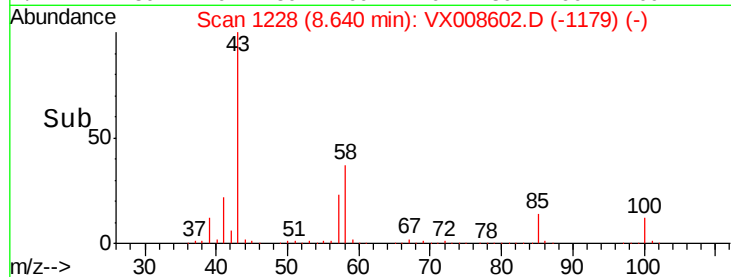
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.316 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008602.D

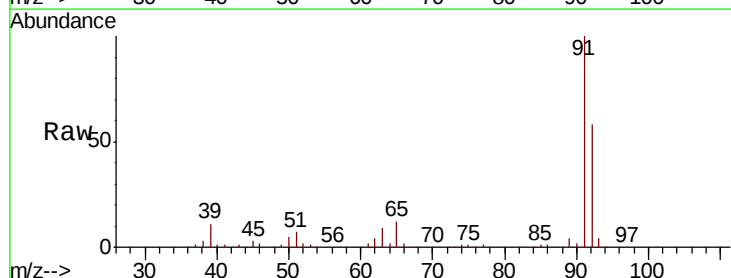
Acq: 02 Apr 2019 19:48

Tgt Ion: 92 Resp: 293289

Ion Ratio Lower Upper

92 100

91 173.9 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

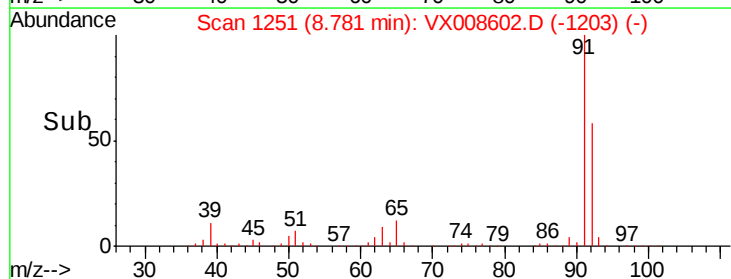
300000

200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 54.803 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

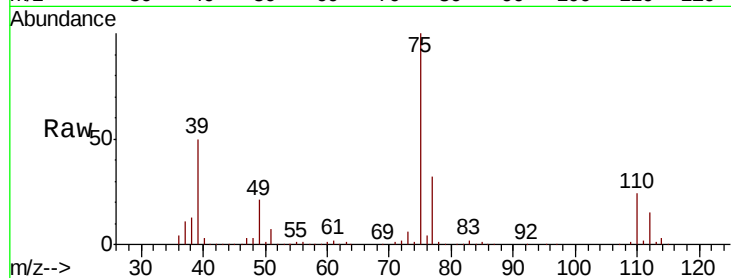
VSTDCCC050EC

Tot Ion: 75 Resp: 185909

Ion Ratio Lower Upper

75 100

77 32.1 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

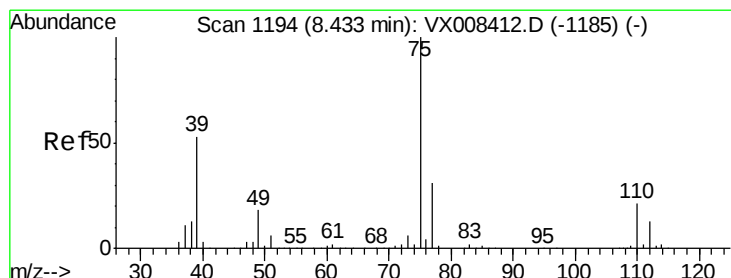
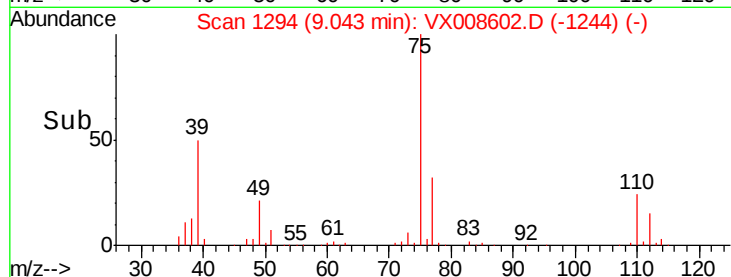
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.990 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

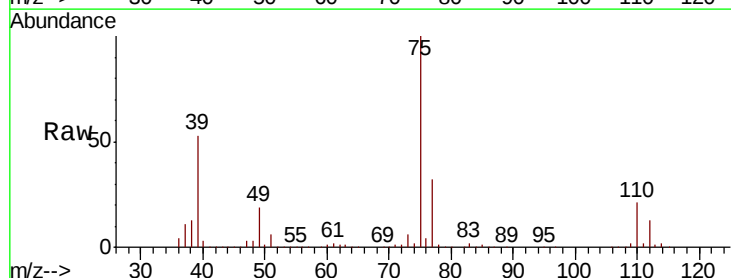
Tgt Ion: 75 Resp: 204409

Ion Ratio Lower Upper

75 100

77 31.9 24.7 37.1

39 53.4 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

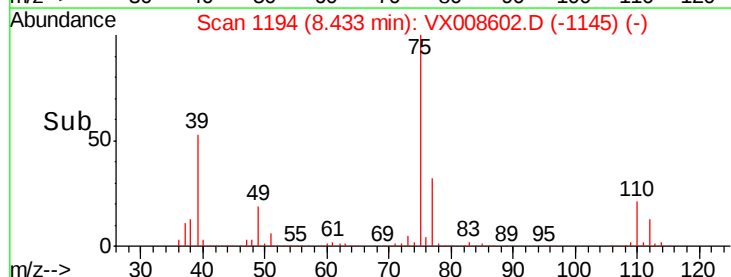
150000

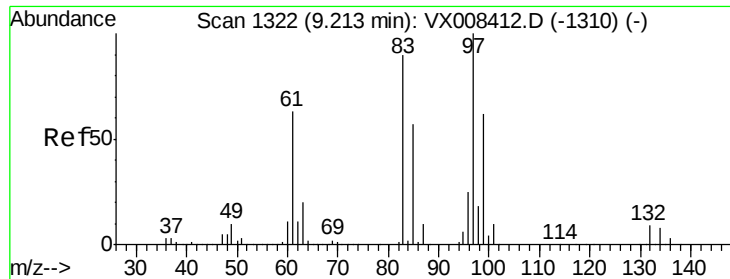
100000

50000

0

Time-->

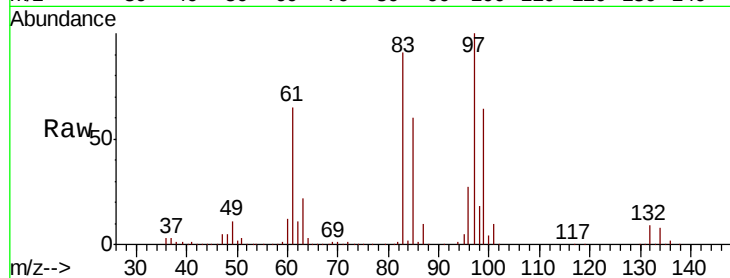




#55
 1,1,2-Trichloroethane
 Concen: 51.929 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008602.D
 Acq: 02 Apr 2019 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	123215
Ion	Ratio	Lower	Upper
97	100		
83	90.7	71.8	107.6
85	59.7	45.9	68.9
99	63.9	49.4	74.0



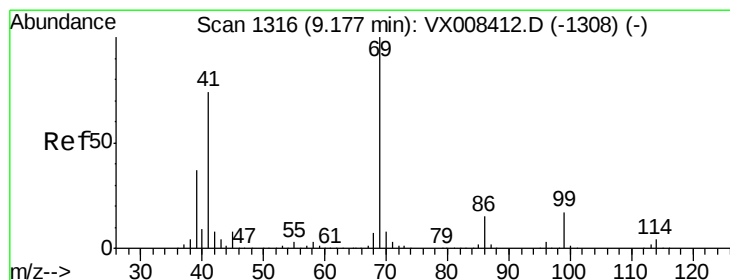
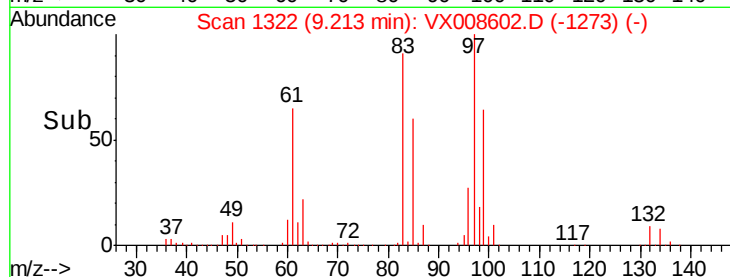
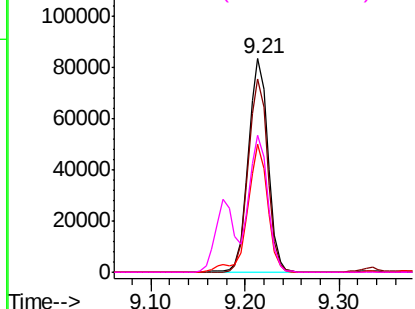
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

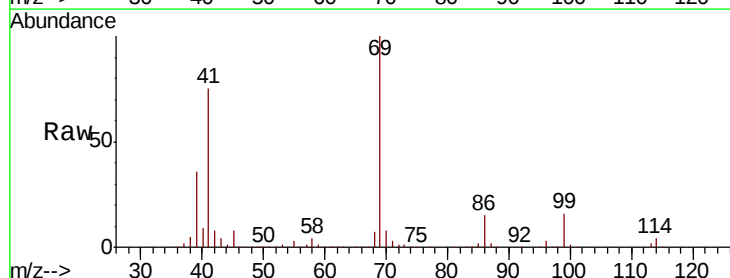
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 54.293 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008602.D
 Acq: 02 Apr 2019 19:48

Tgt Ion:	69	Resp:	232540
Ion	Ratio	Lower	Upper
69	100		
41	75.2	59.5	89.3
39	35.9	29.3	43.9

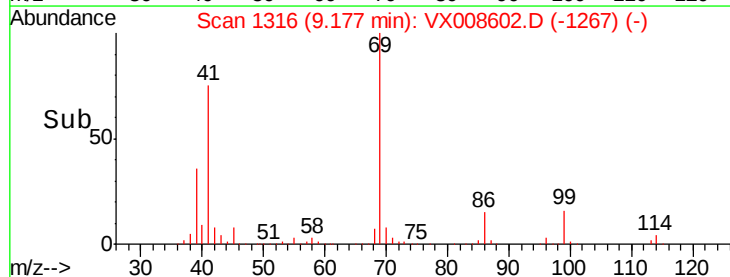
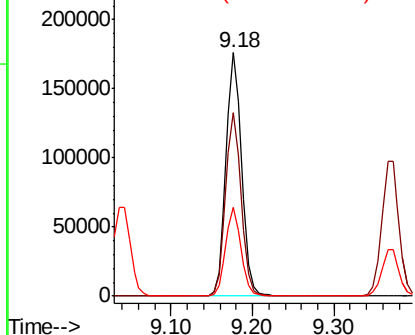


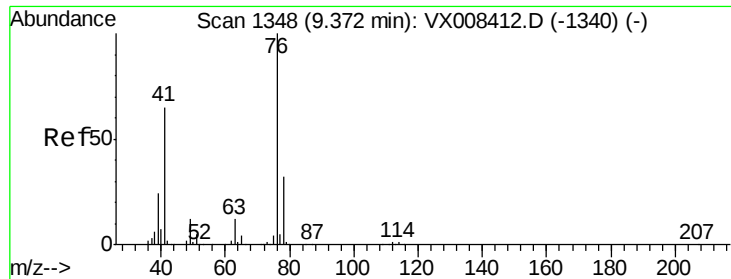
Abundance

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: 50.954 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

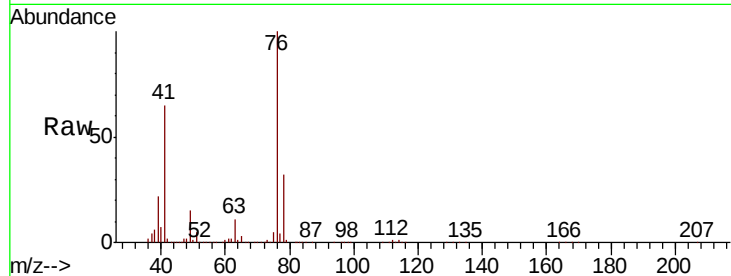
VSTDCCC050EC

Tot Ion: 76 Resp: 216768

Ion Ratio Lower Upper

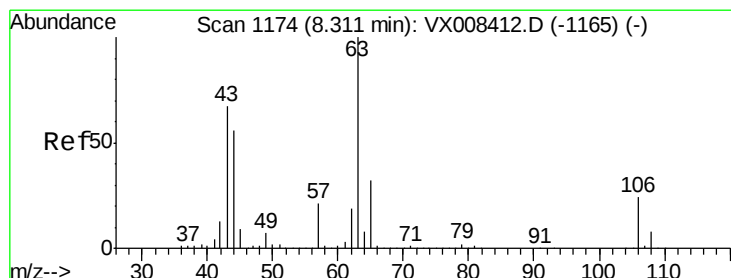
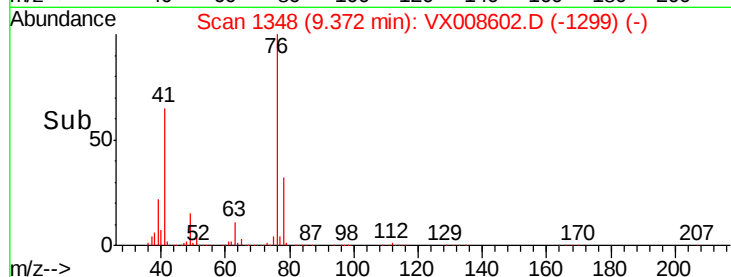
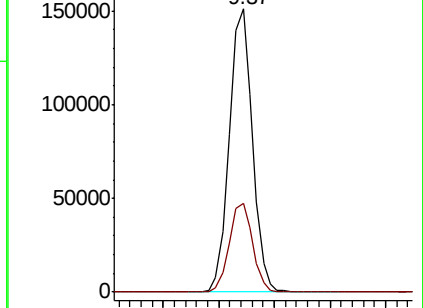
76 100

78 32.0 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: 277.780 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008602.D

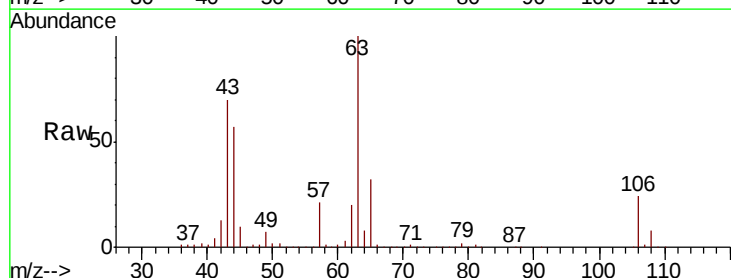
Acq: 02 Apr 2019 19:48

Tgt Ion: 63 Resp: 615001

Ion Ratio Lower Upper

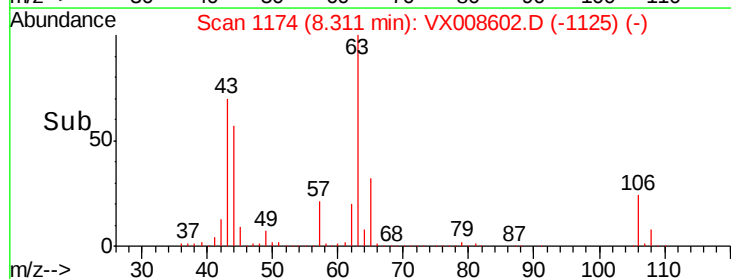
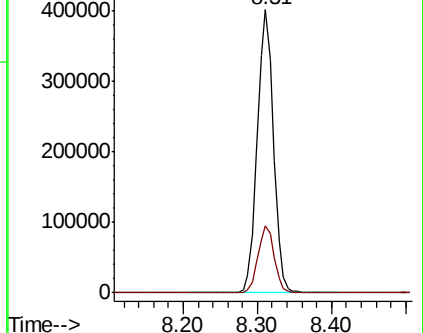
63 100

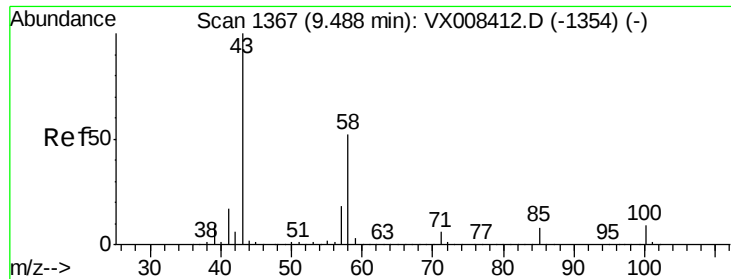
106 23.7 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

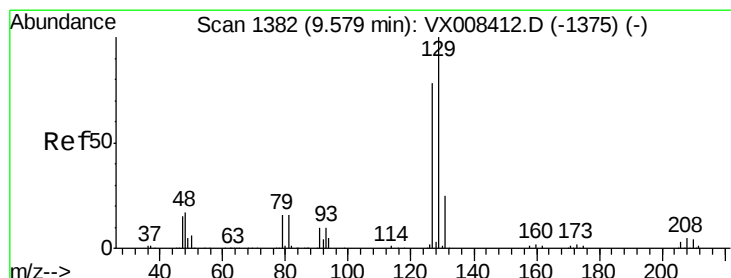
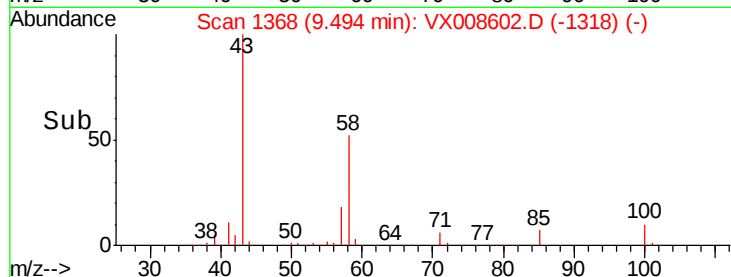
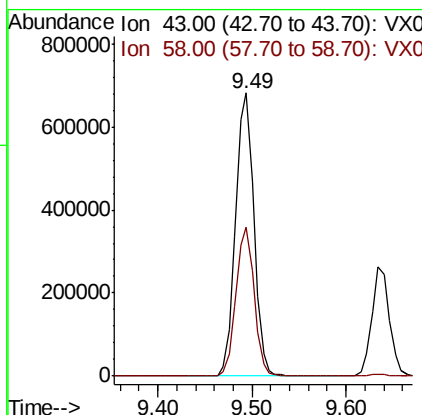
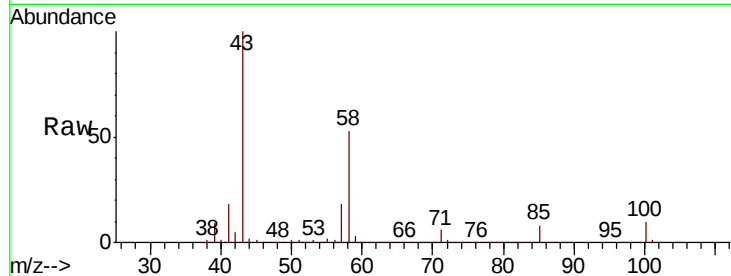




#59
2-Hexanone
Concen: 271.708 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

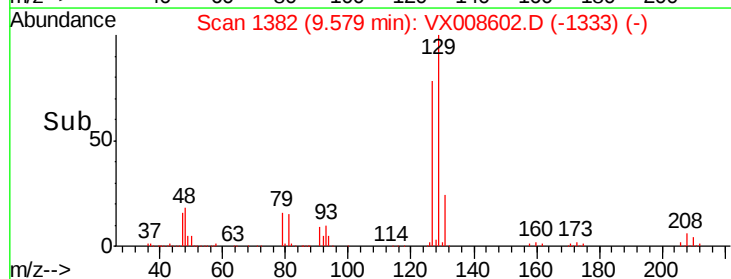
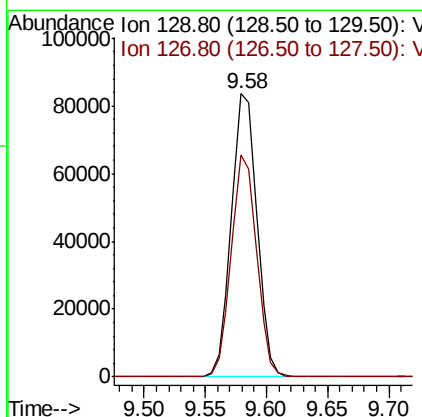
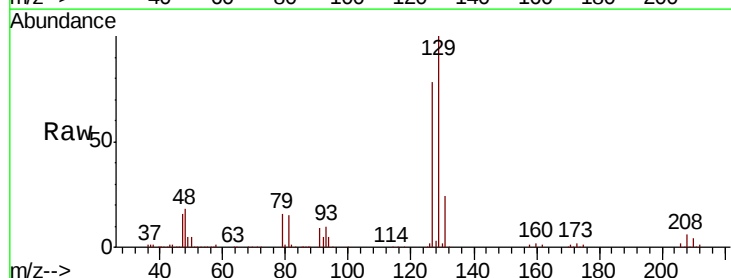
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

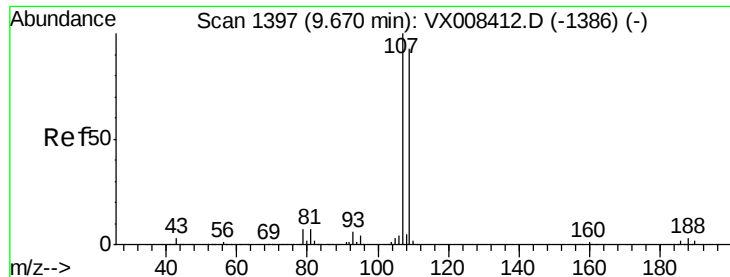
Tot Ion: 43 Resp: 922678
Ion Ratio Lower Upper
43 100
58 52.0 26.3 78.9



#60
Dibromochloromethane
Concen: 53.643 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

Tgt Ion:129 Resp: 121048
Ion Ratio Lower Upper
129 100
127 77.5 38.1 114.3

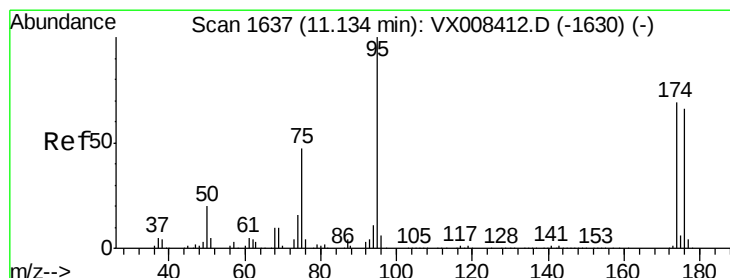
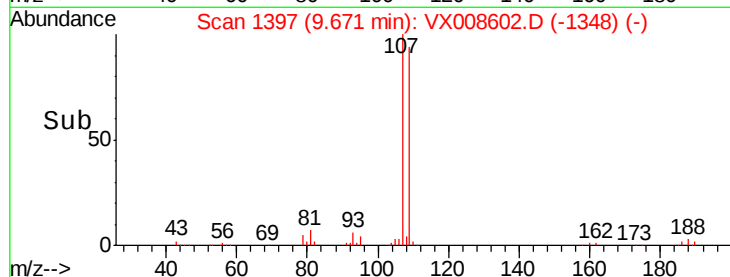
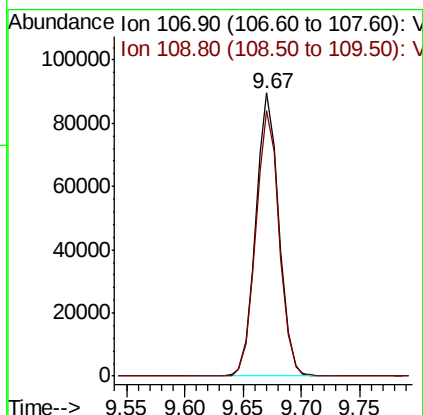
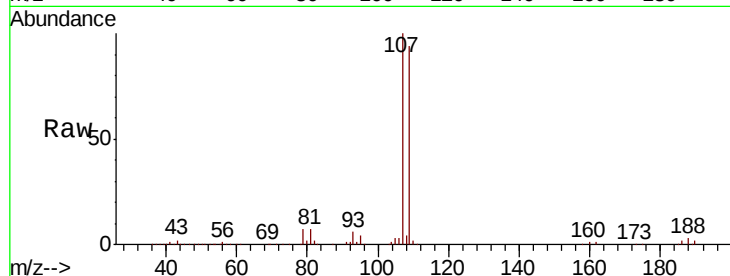




#61
 1,2-Dibromoethane
 Concen: 51.174 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX008602.D
 Acq: 02 Apr 2019 19:48

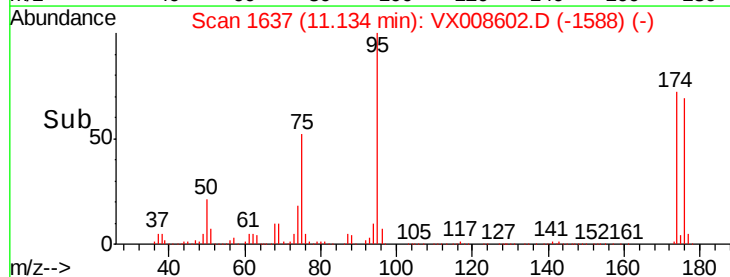
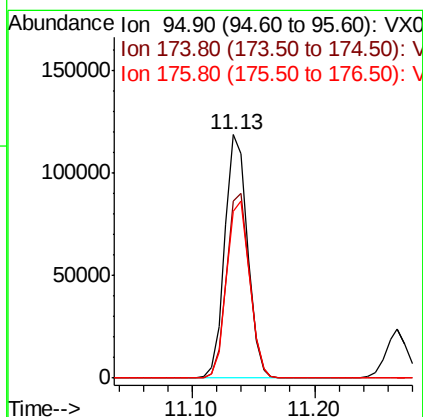
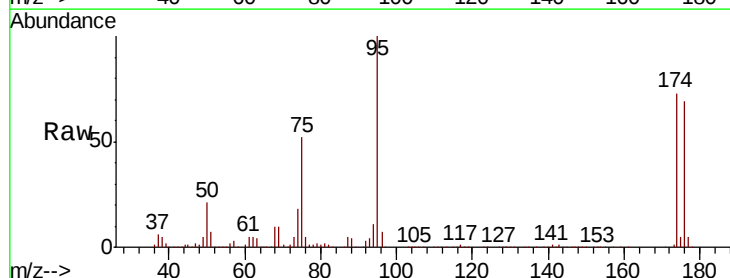
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

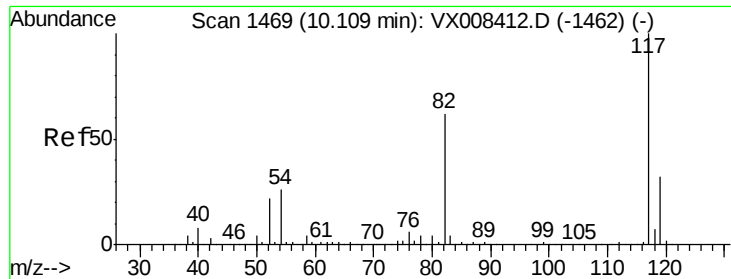
Tot Ion: 107 Resp: 123917
 Ion Ratio Lower Upper
 107 100
 109 94.5 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 51.457 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX008602.D
 Acq: 02 Apr 2019 19:48

Tgt Ion: 95 Resp: 151833
 Ion Ratio Lower Upper
 95 100
 174 76.5 0.0 147.2
 176 74.2 0.0 142.4

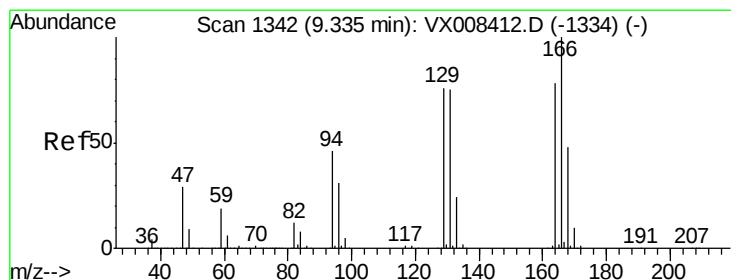
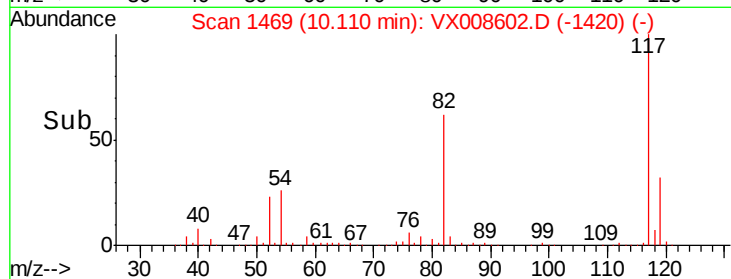
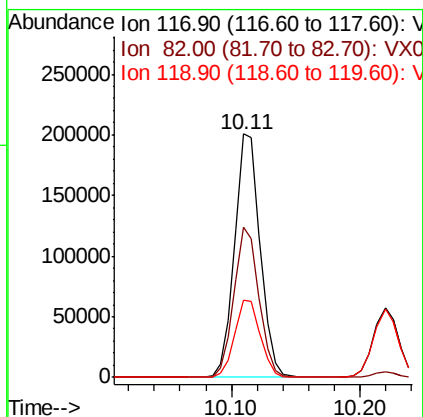
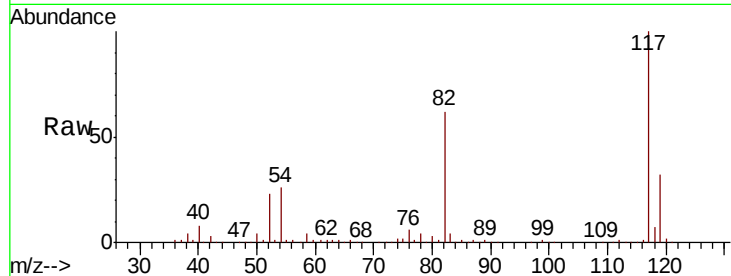




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

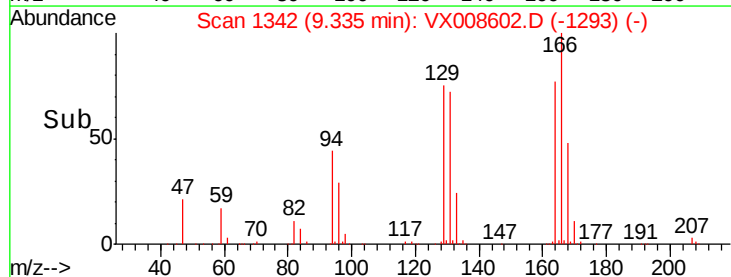
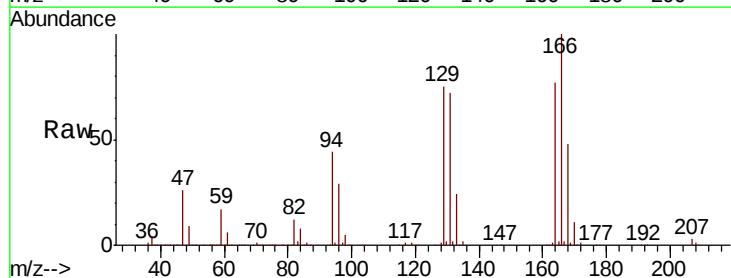
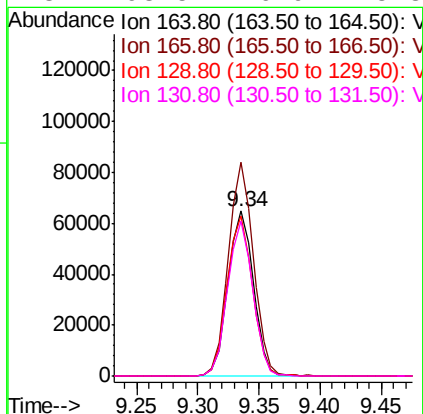
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

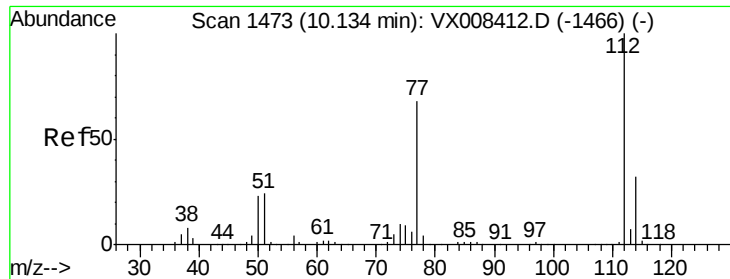
Tot Ion:117 Resp: 277220
Ion Ratio Lower Upper
117 100
82 61.5 49.4 74.2
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 49.654 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

Tgt Ion:164 Resp: 93189
Ion Ratio Lower Upper
164 100
166 129.5 102.5 153.7
129 96.9 77.8 116.8
131 93.5 76.9 115.3

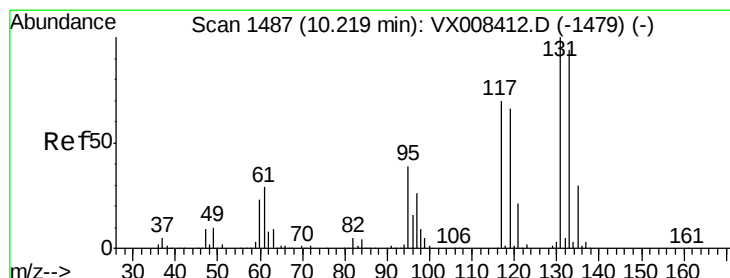
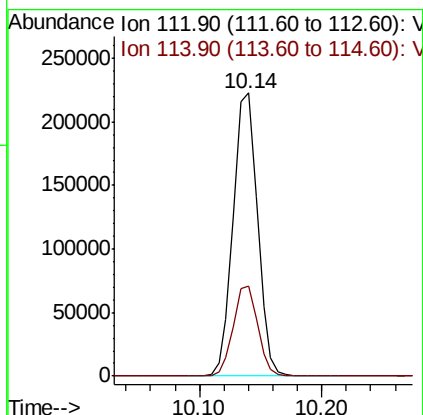
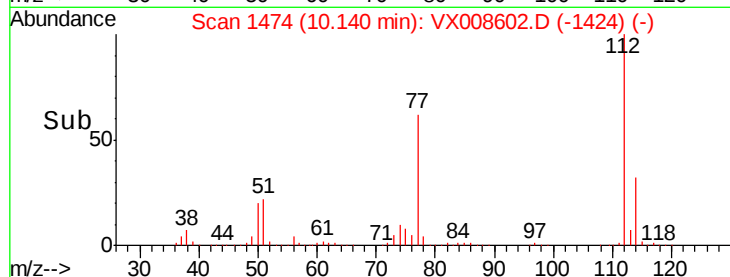
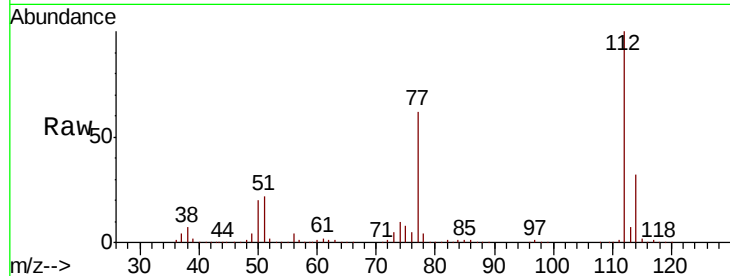




#65
Chlorobenzene
Concen: 50.798 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

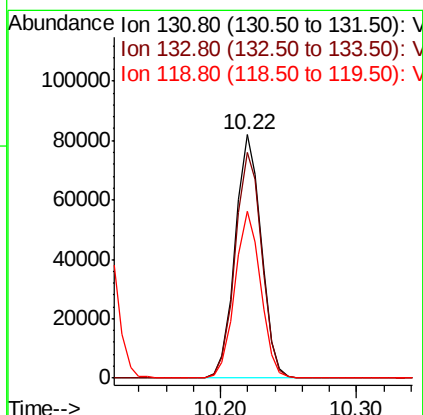
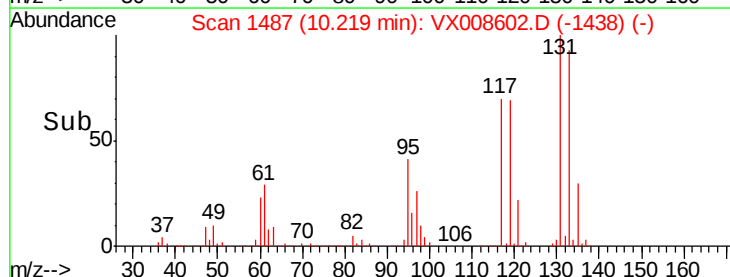
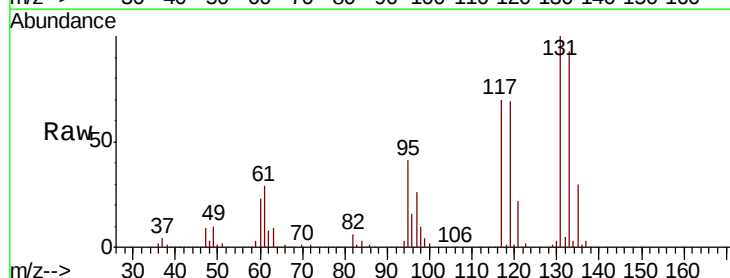
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

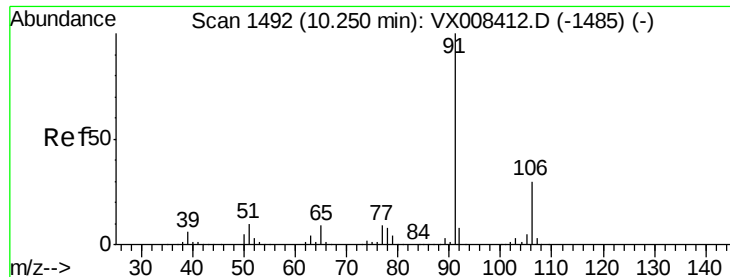
Tot Ion:112 Resp: 306243
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.610 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

Tgt Ion:131 Resp: 109426
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 68.0 33.6 100.6

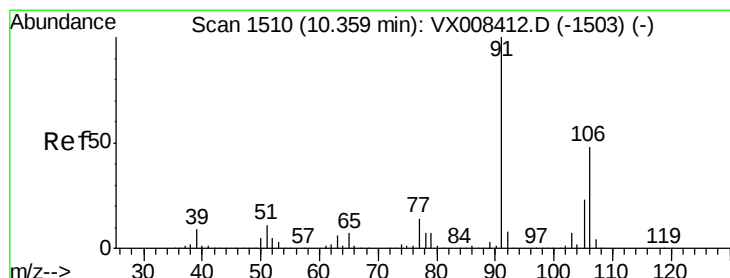
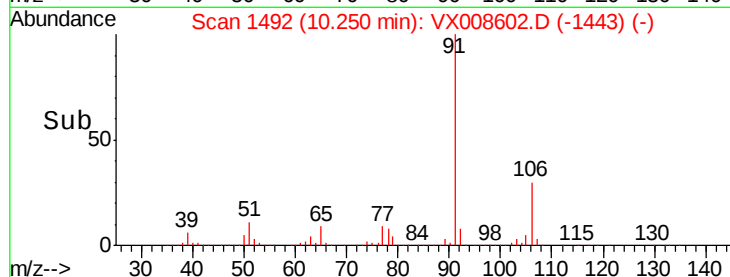
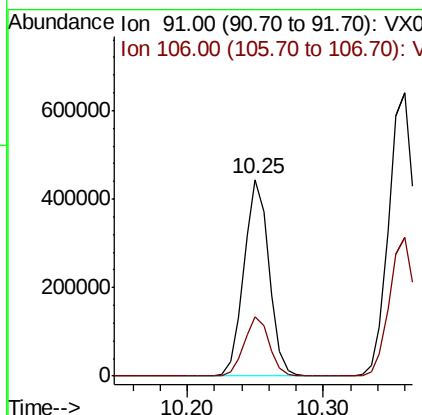
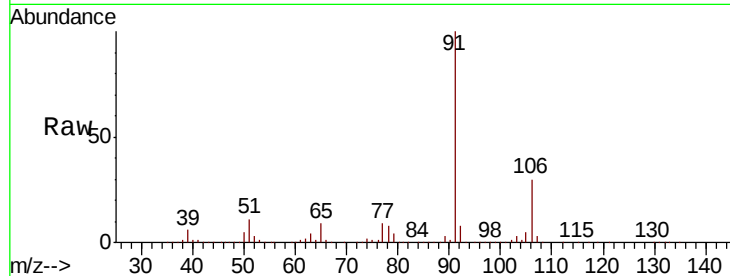




#67
Ethyl Benzene
Concen: 50.240 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

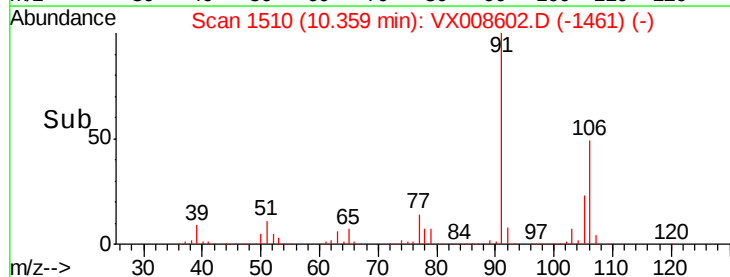
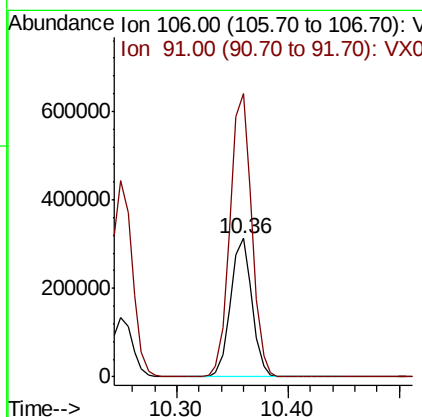
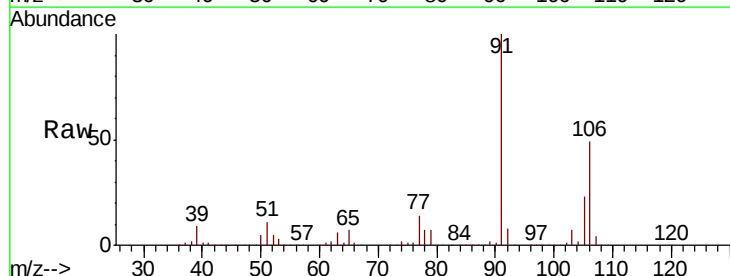
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

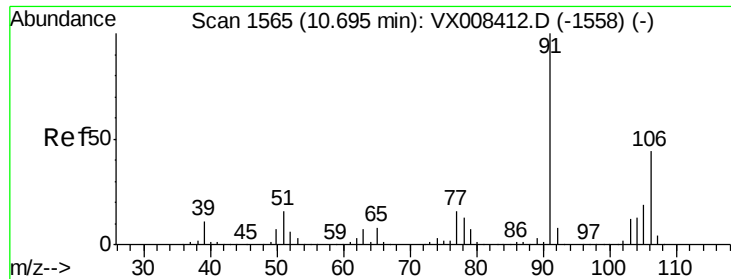
Tot Ion: 91 Resp: 571621
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0



#68
m/p-Xylenes
Concen: 100.314 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

Tgt Ion: 106 Resp: 415223
Ion Ratio Lower Upper
106 100
91 208.1 168.6 253.0

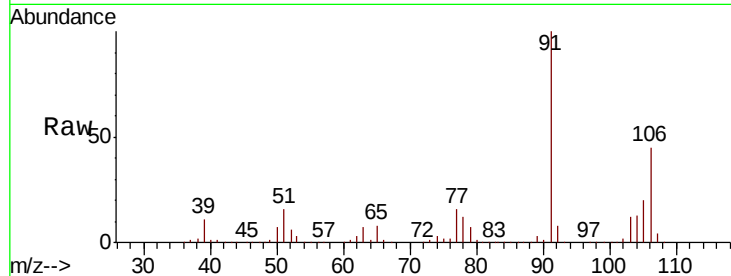




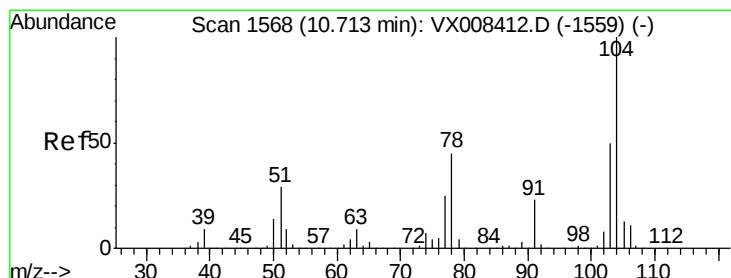
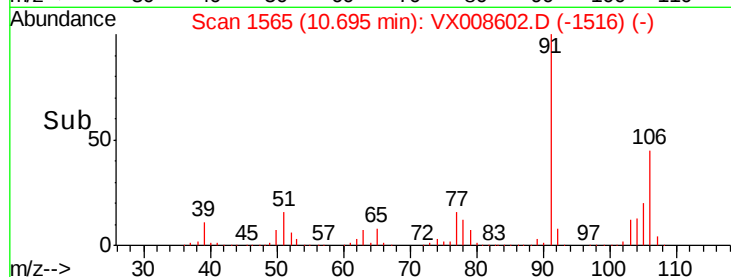
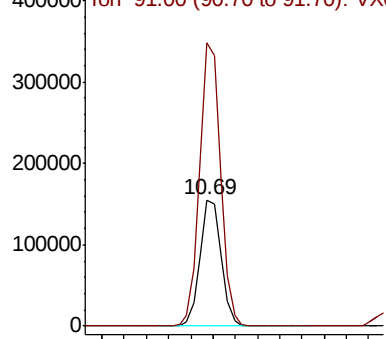
#69
o-Xylene
Concen: 50.721 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 203738
Ion Ratio Lower Upper
106 100
91 222.8 111.4 334.2

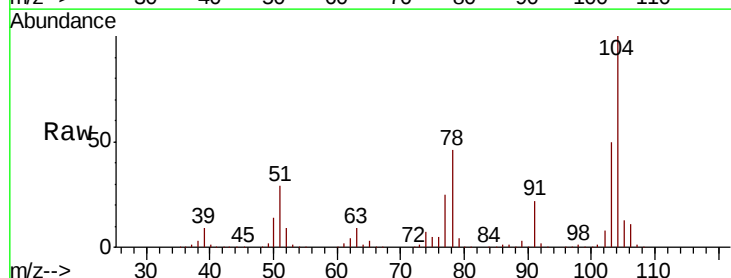


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

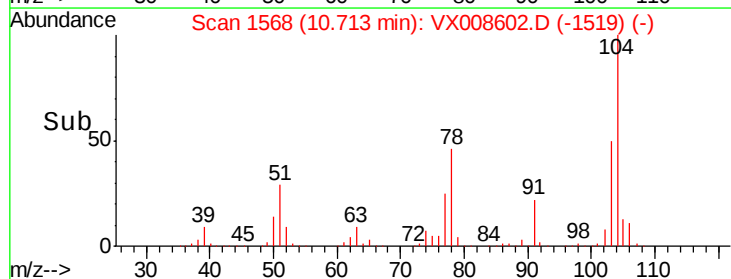
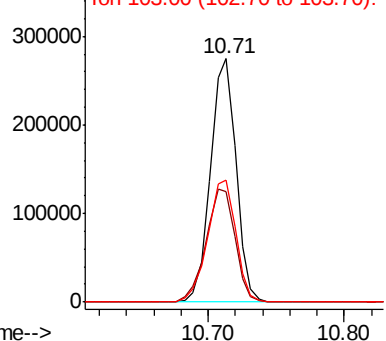


#70
Styrene
Concen: 51.858 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

Tgt Ion:104 Resp: 359816
Ion Ratio Lower Upper
104 100
78 52.7 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: 54.467 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

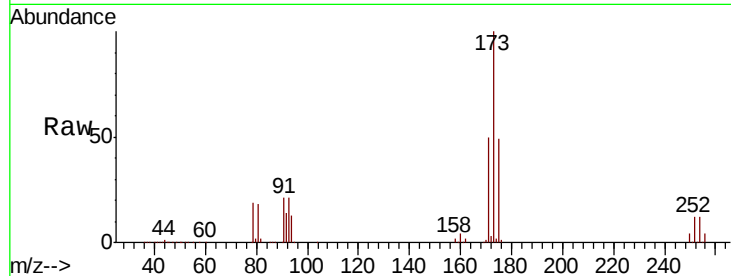
Tot Ion:173 Resp: 89468

Ion Ratio Lower Upper

173 100

175 49.1 24.3 72.8

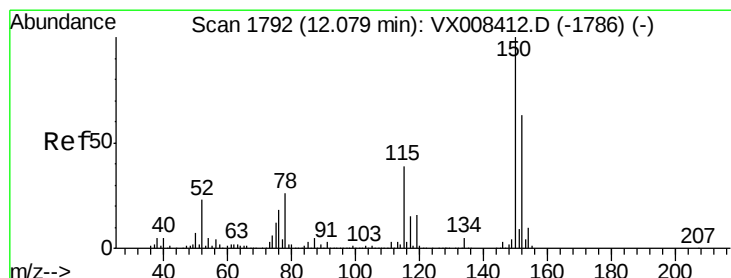
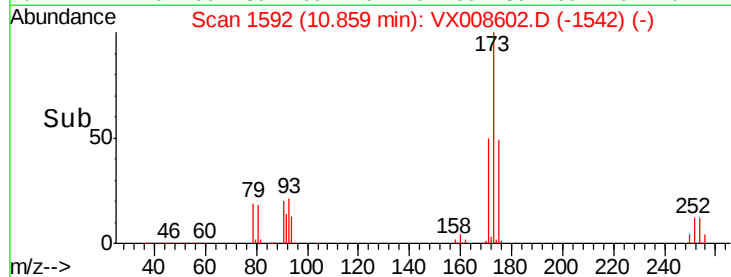
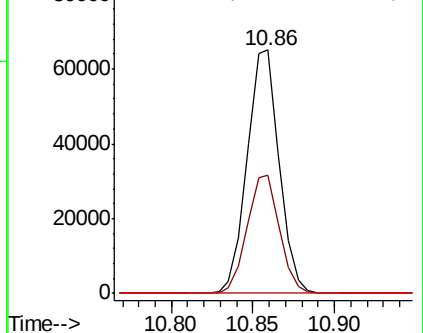
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

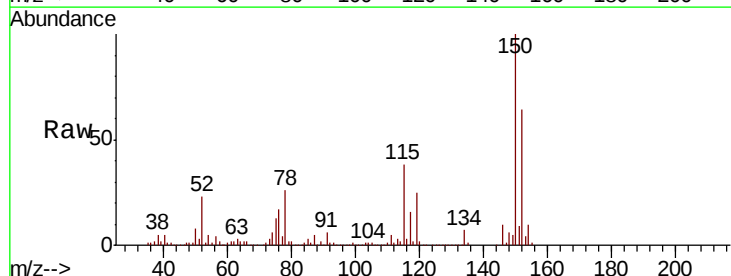
Tgt Ion:152 Resp: 133079

Ion Ratio Lower Upper

152 100

115 86.8 43.5 130.5

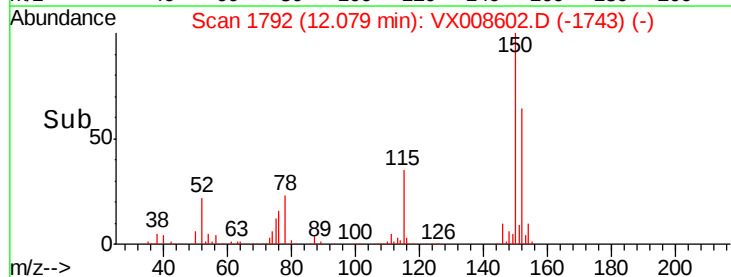
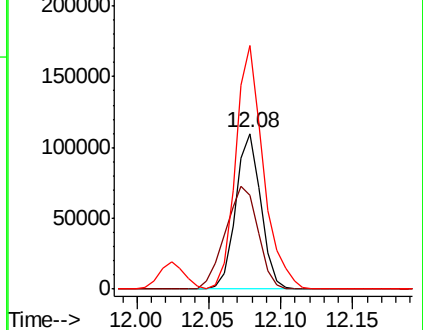
150 173.2 0.0 348.8

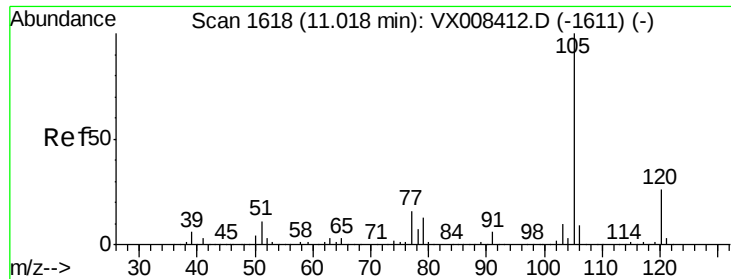


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.436 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

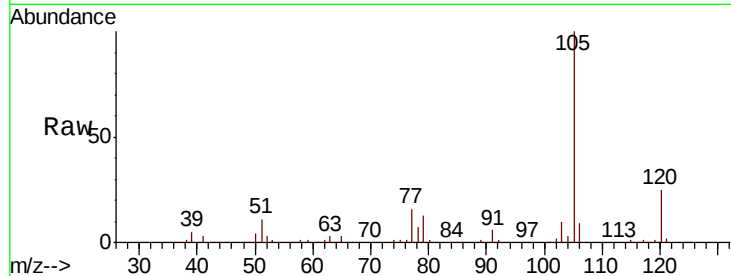
VSTDCCC050EC

Tot Ion:105 Resp: 546056

Ion Ratio Lower Upper

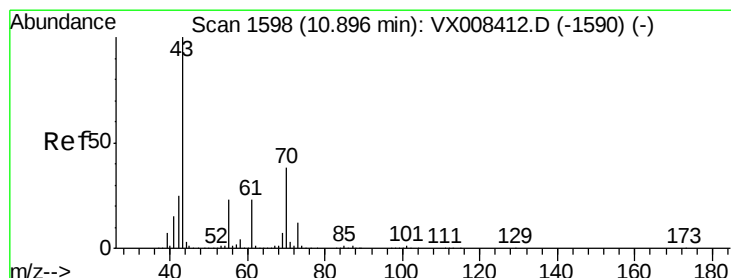
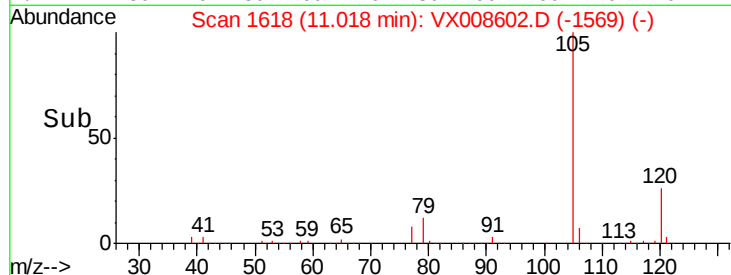
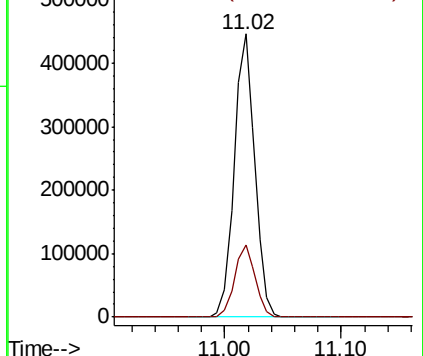
105 100

120 25.6 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: 52.659 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Tgt Ion: 43 Resp: 329991

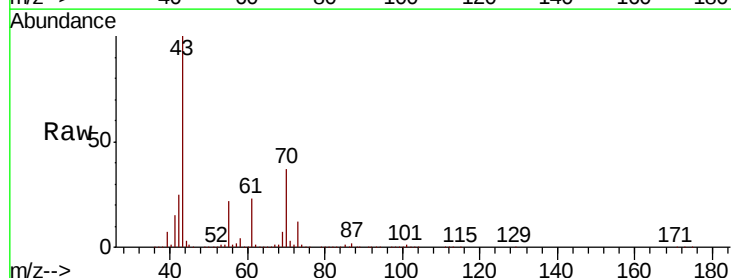
Ion Ratio Lower Upper

43 100

70 37.3 30.5 45.7

55 22.6 18.2 27.2

61 22.7 18.4 27.6

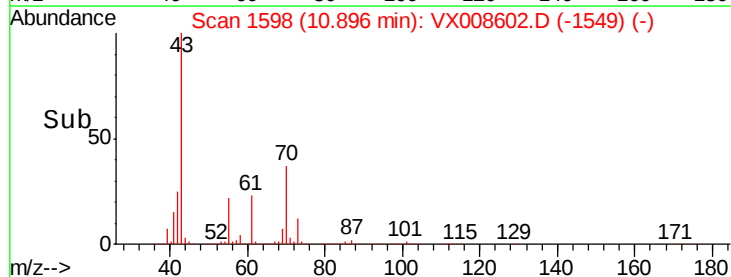
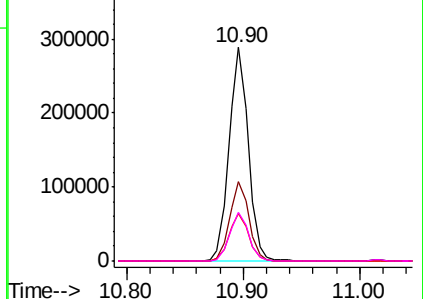


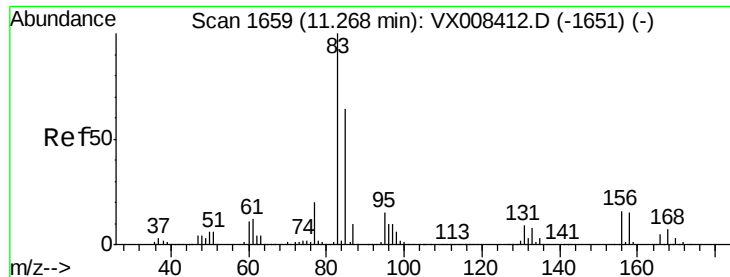
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.073 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

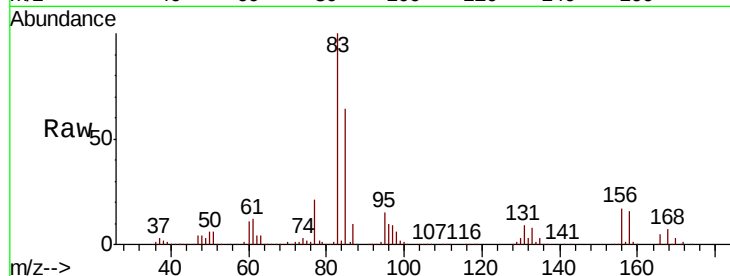
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 206140

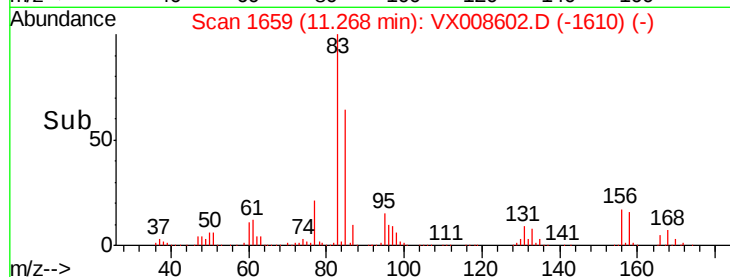
Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.5	13.4
85	64.4	31.9	95.9



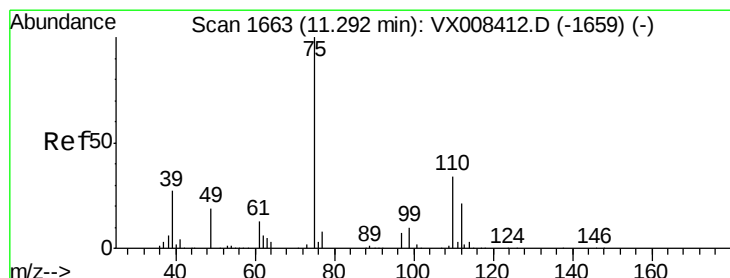
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



Time-->



#76

1,2,3-Trichloropropane

Concen: 61.529 ug/l

RT: 11.29 min Scan# 1663

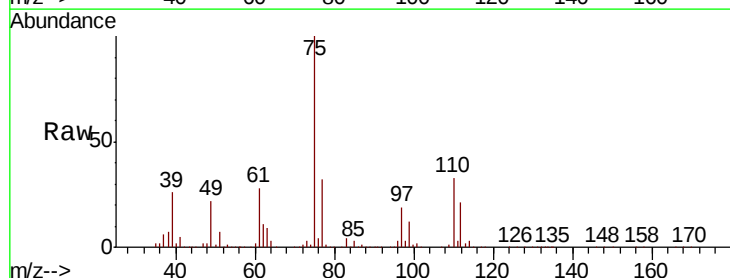
Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

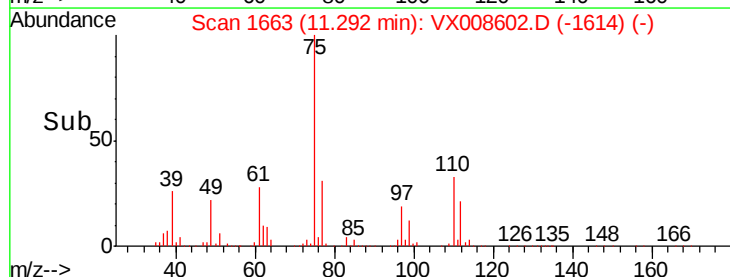
Tgt Ion: 75 Resp: 243430

Ion	Ratio	Lower	Upper
75	100		
77	32.2	21.9	65.7

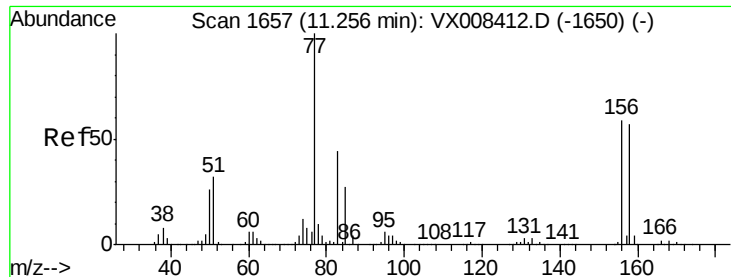


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time-->



#77

Bromobenzene

Concen: 49.426 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

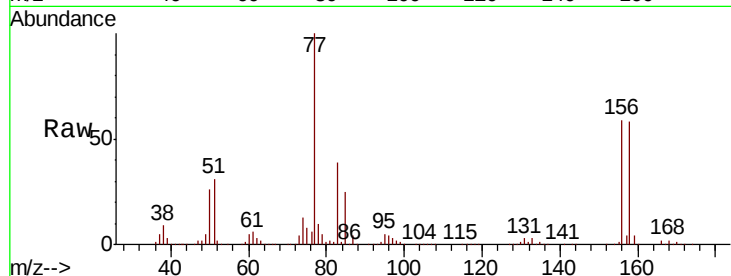
Tot Ion:156 Resp: 129872

Ion Ratio Lower Upper

156 100

77 178.8 91.1 273.3

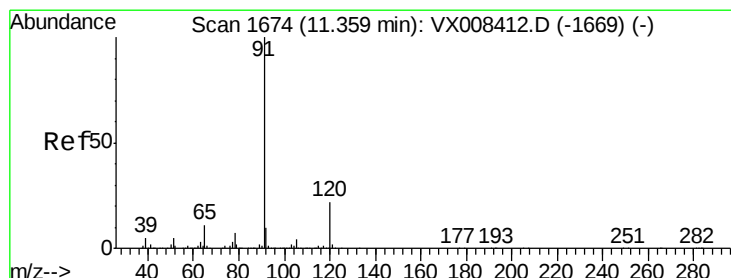
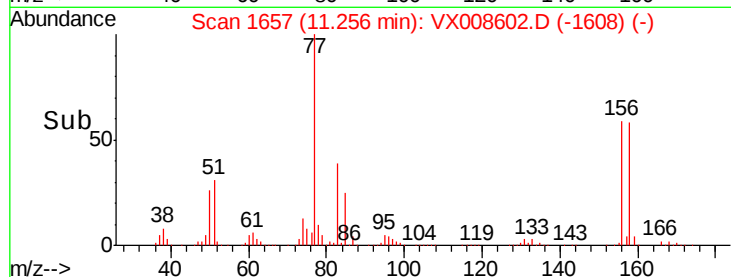
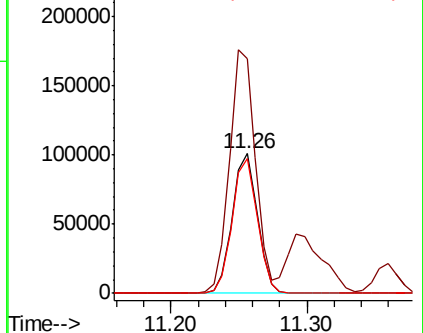
158 96.7 48.3 144.8



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: 50.108 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008602.D

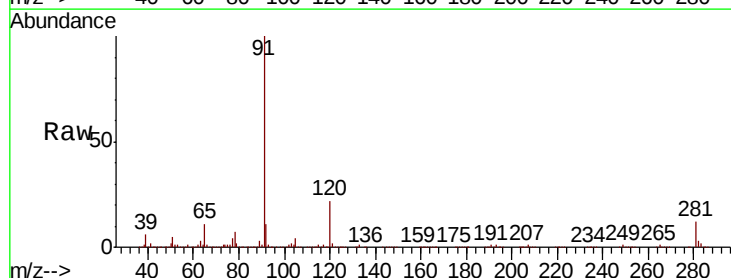
Acq: 02 Apr 2019 19:48

Tgt Ion: 91 Resp: 635499

Ion Ratio Lower Upper

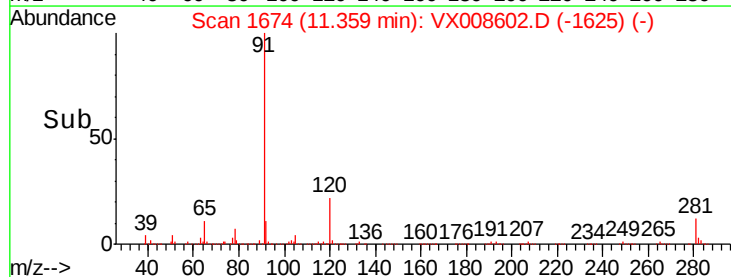
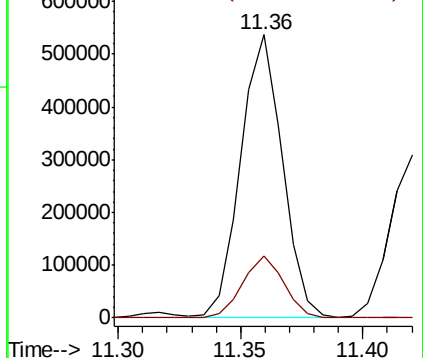
91 100

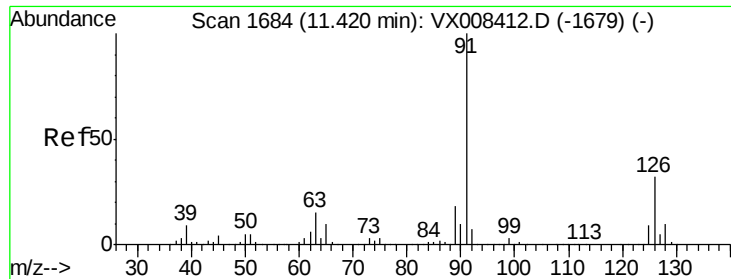
120 21.6 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

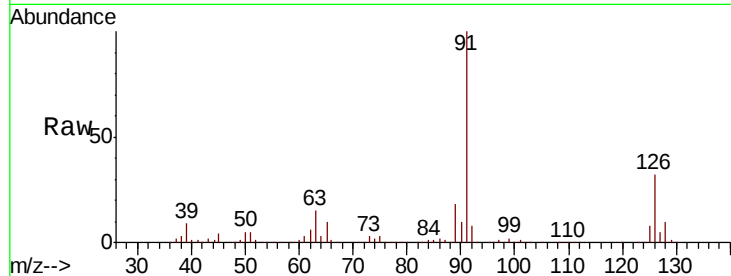




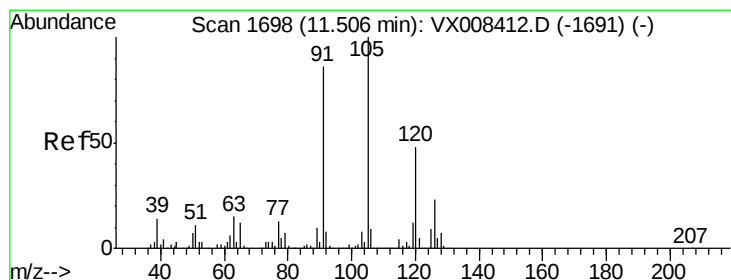
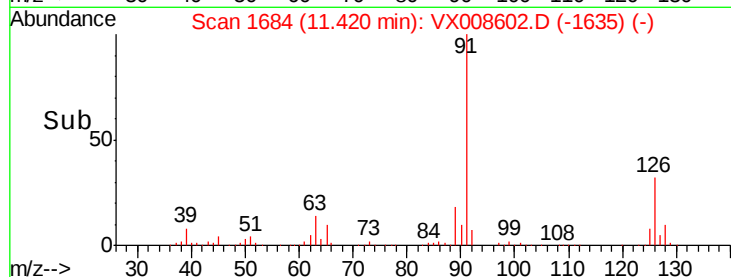
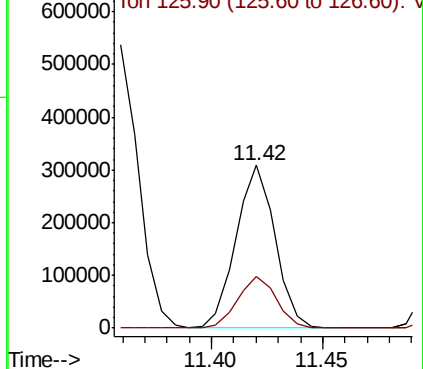
#79
 2-Chlorotoluene
 Concen: 48.852 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008602.D
 Acq: 02 Apr 2019 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 376850
 Ion Ratio Lower Upper
 91 100
 126 31.8 15.7 47.1

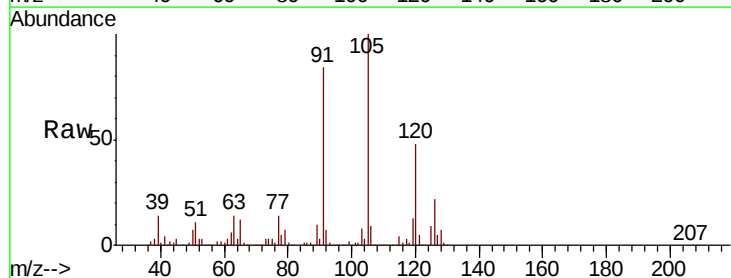


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

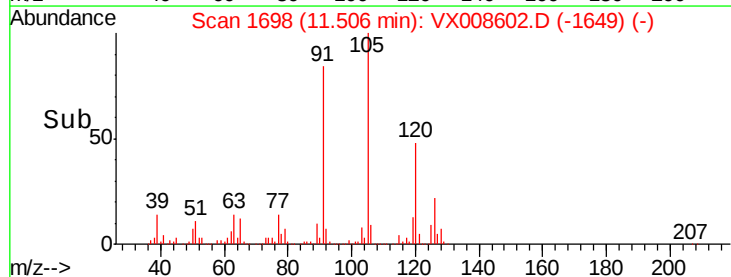
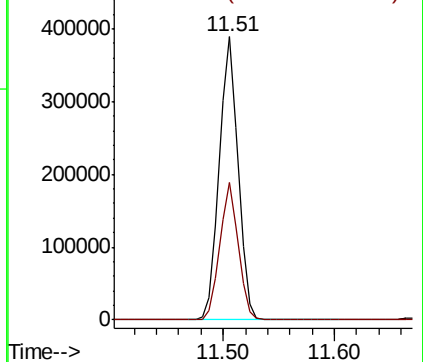


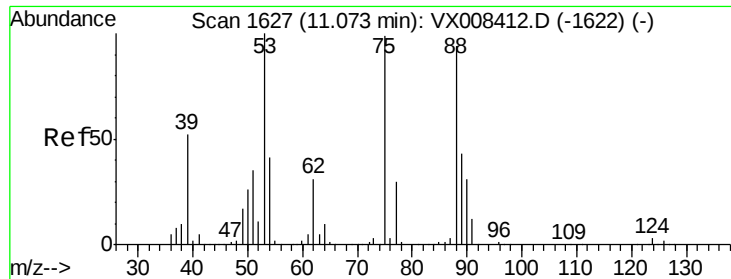
#80
 1,3,5-Trimethylbenzene
 Concen: 49.706 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008602.D
 Acq: 02 Apr 2019 19:48

Tgt Ion:105 Resp: 454961
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 55.812 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

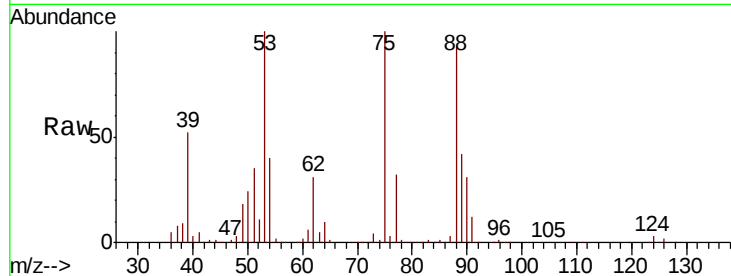
Tot Ion: 75 Resp: 68942

Ion Ratio Lower Upper

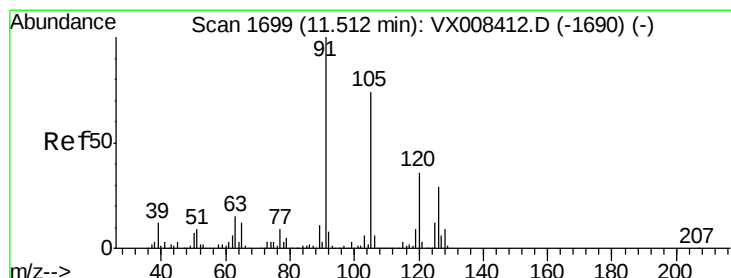
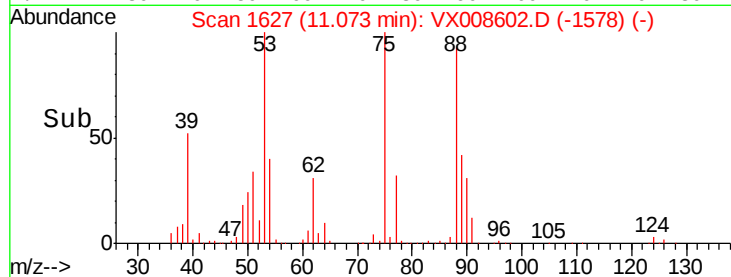
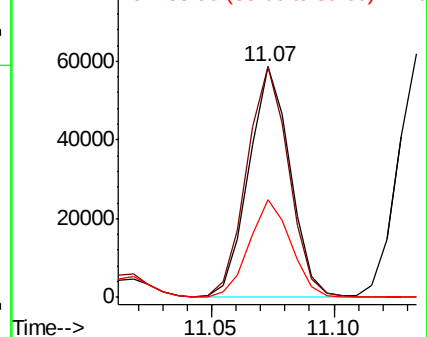
75 100

53 102.9 82.1 123.1

89 43.0 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.726 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008602.D

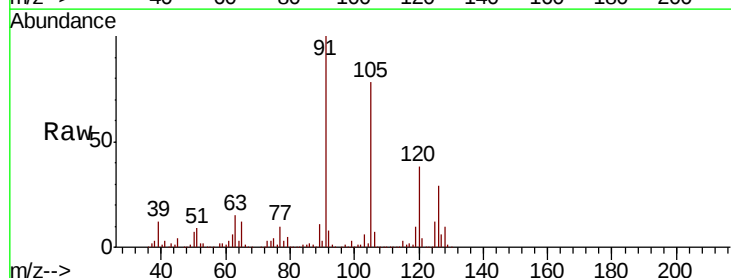
Acq: 02 Apr 2019 19:48

Tgt Ion: 91 Resp: 433573

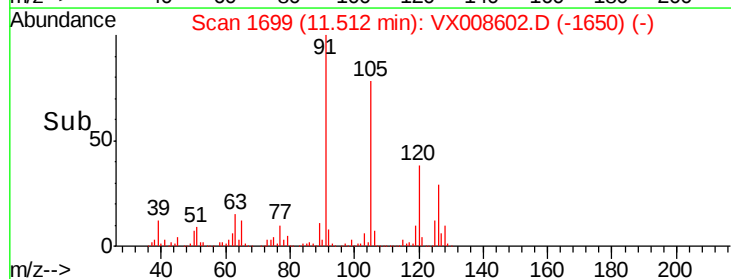
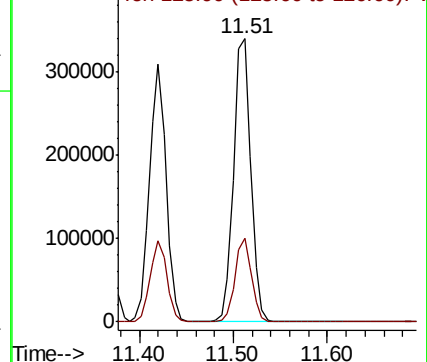
Ion Ratio Lower Upper

91 100

126 28.1 13.9 41.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

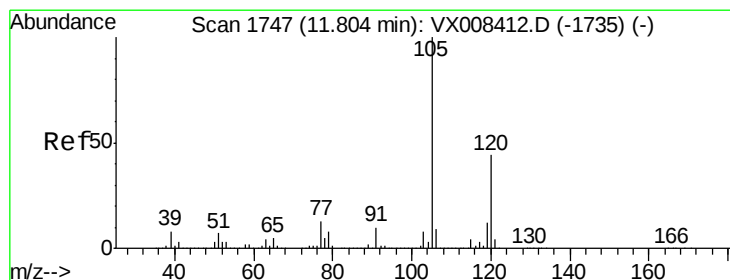
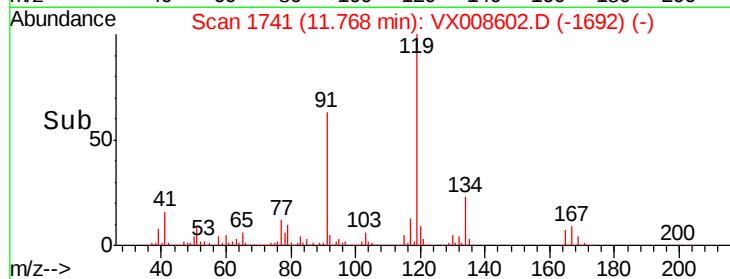
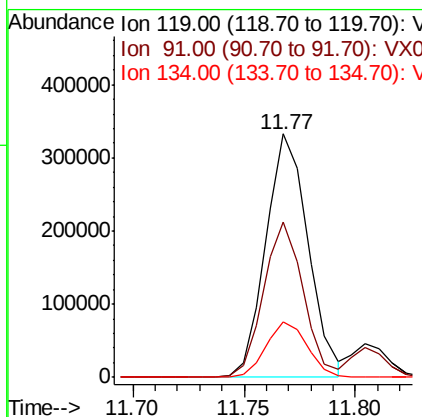
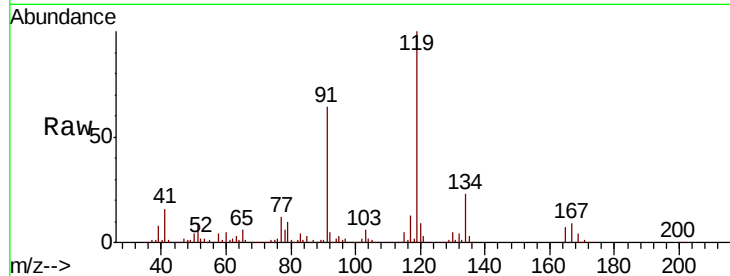




#83
tert-Butylbenzene
Concen: 49.757 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

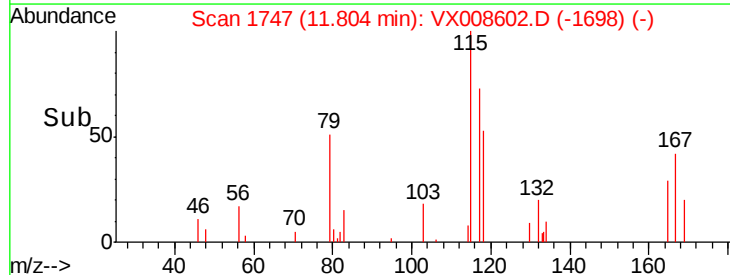
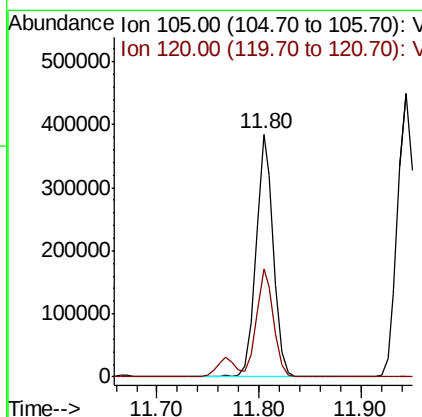
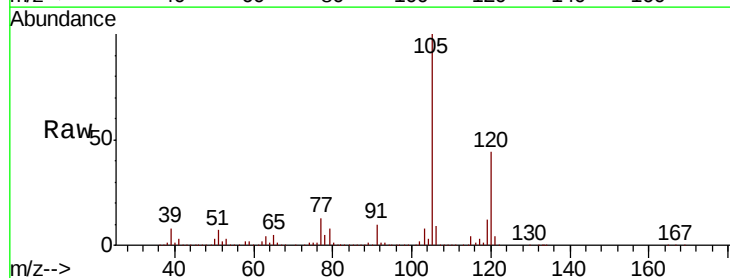
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

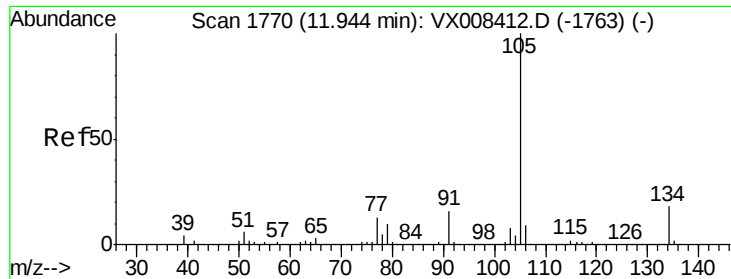
Tot Ion:119 Resp: 439394
Ion Ratio Lower Upper
119 100
91 59.9 30.1 90.3
134 22.1 10.9 32.9



#84
1,2,4-Trimethylbenzene
Concen: 49.497 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

Tgt Ion:105 Resp: 458240
Ion Ratio Lower Upper
105 100
120 43.5 21.6 65.0





#85

sec-Butylbenzene

Concen: 50.447 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

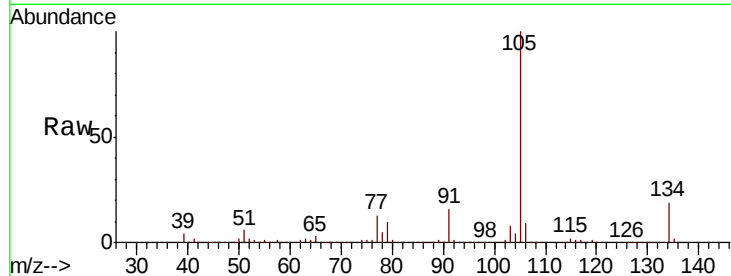
VSTDCCC050EC

Tot Ion:105 Resp: 530522

Ion Ratio Lower Upper

105 100

134 19.0 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

300000

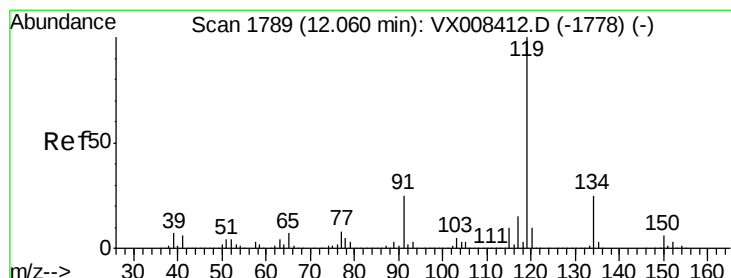
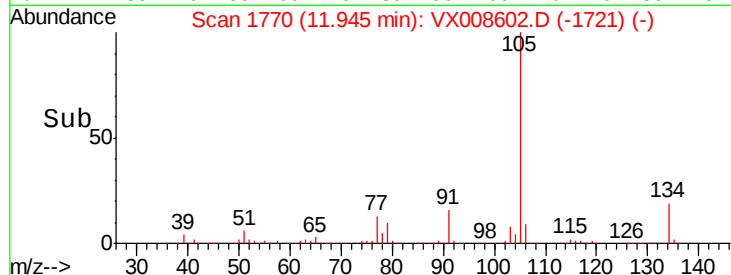
200000

100000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 51.246 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

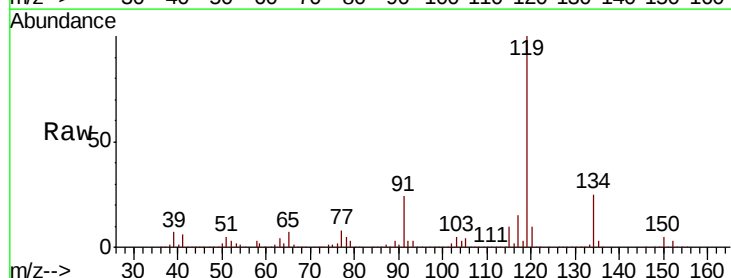
Tgt Ion:119 Resp: 475537

Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

91 24.0 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

400000

300000

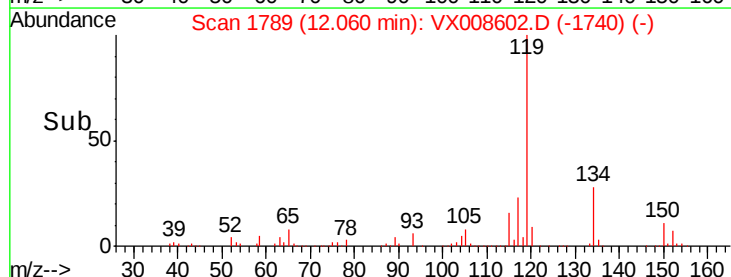
200000

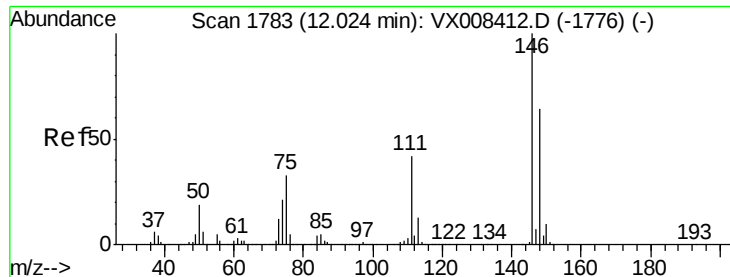
100000

0

Time-->

12.00 12.10

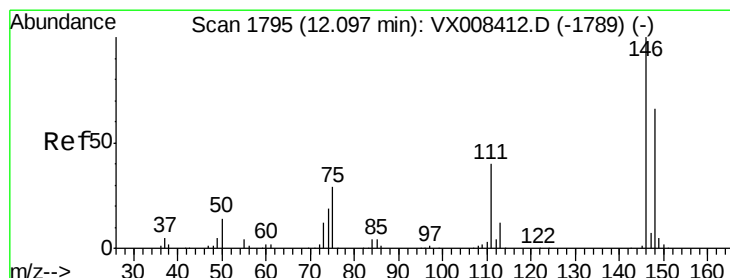
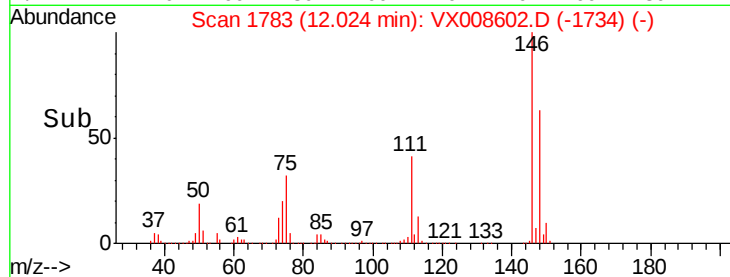
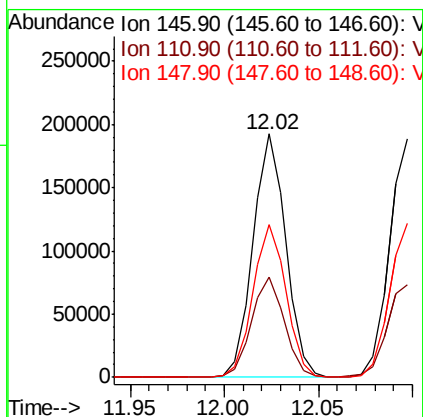
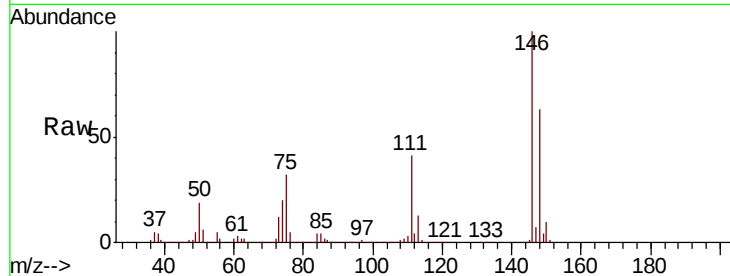




#87
 1,3-Dichlorobenzene
 Concen: 49.371 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008602.D
 Acq: 02 Apr 2019 19:48

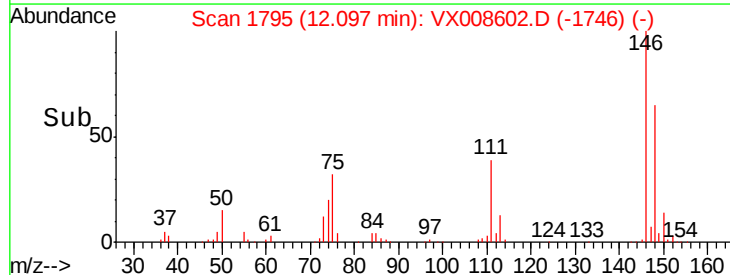
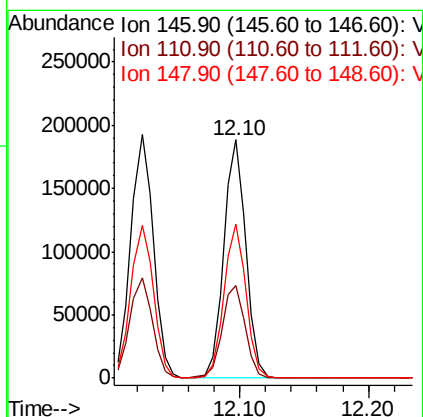
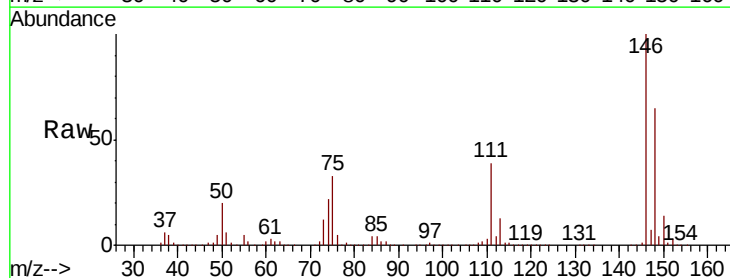
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

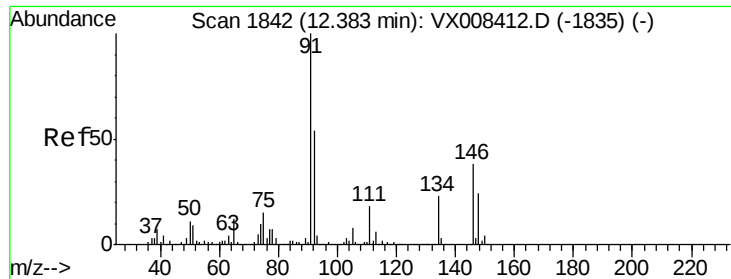
Tot Ion:146 Resp: 231788
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.5
 148 63.3 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 48.140 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008602.D
 Acq: 02 Apr 2019 19:48

Tgt Ion:146 Resp: 228094
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 61.0
 148 64.6 32.1 96.5

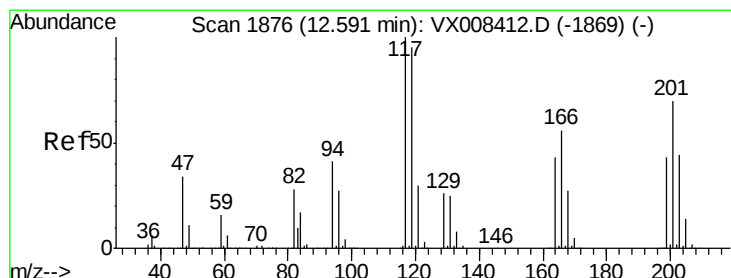
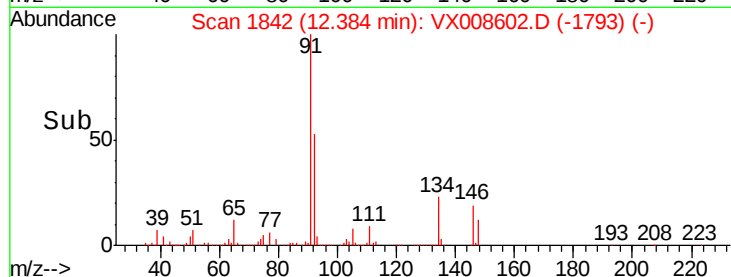
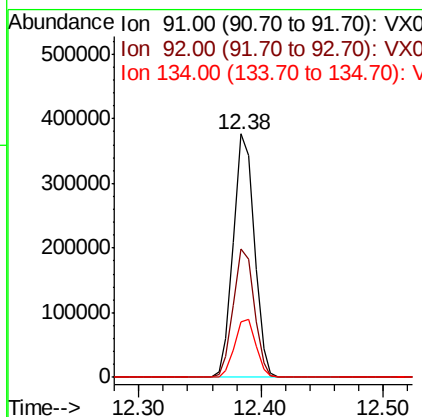
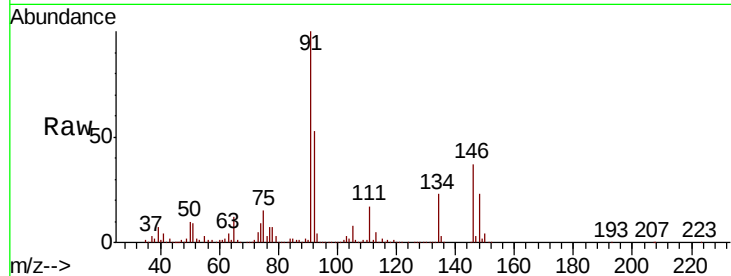




#89
n-Butylbenzene
Concen: 50.772 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

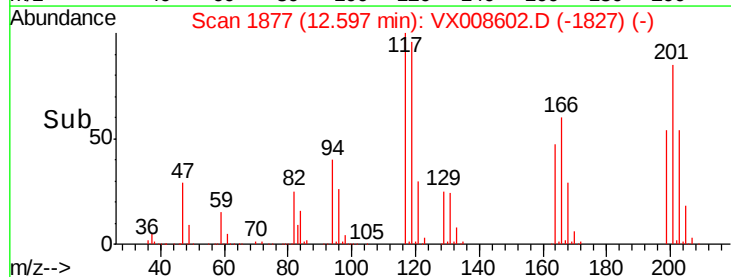
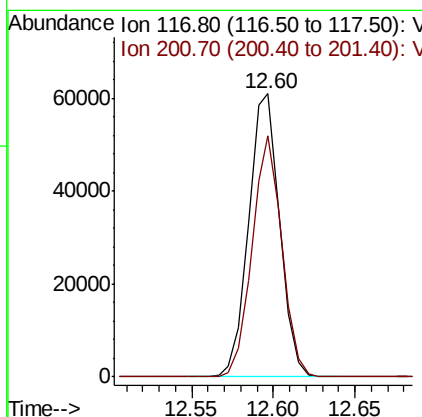
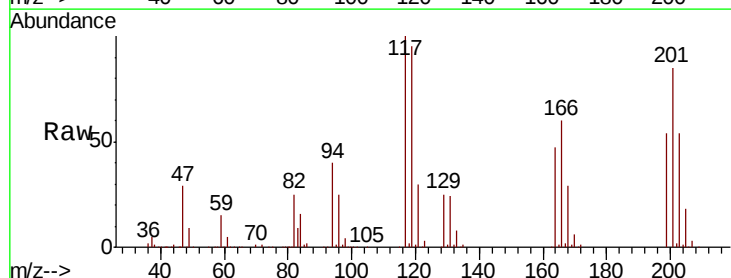
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

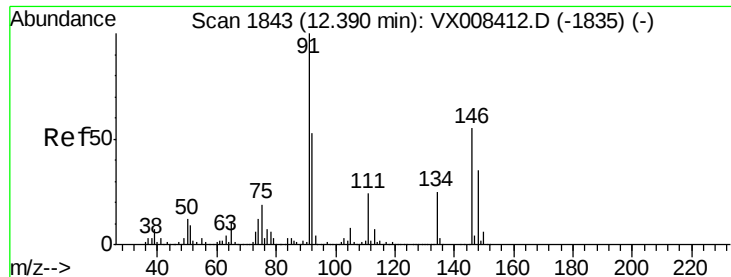
Tot Ion: 91 Resp: 446309
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 24.5 11.8 35.4



#90
Hexachloroethane
Concen: 52.202 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX008602.D
Acq: 02 Apr 2019 19:48

Tgt Ion: 117 Resp: 80701
Ion Ratio Lower Upper
117 100
201 81.2 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 49.228 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

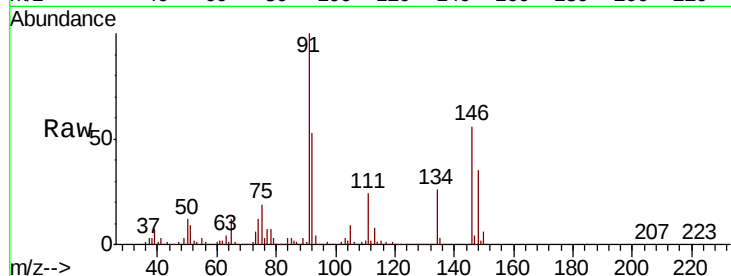
Tot Ion:146 Resp: 231444

Ion Ratio Lower Upper

146 100

111 43.0 21.6 64.6

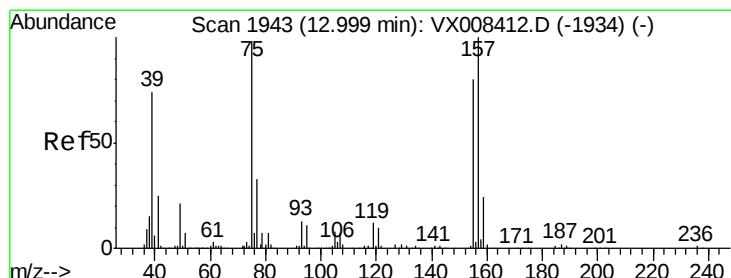
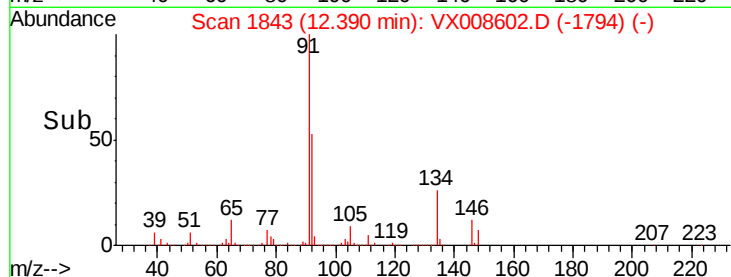
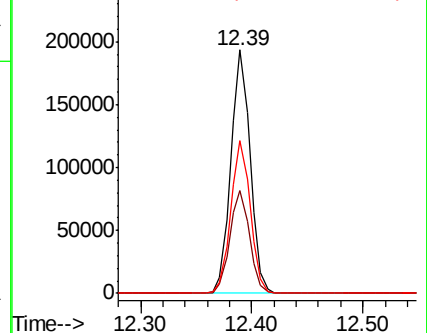
148 63.4 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.697 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

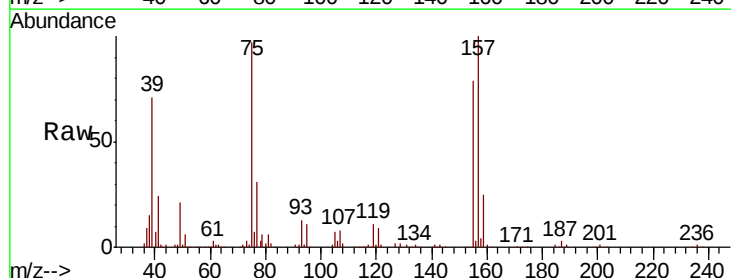
Tgt Ion: 75 Resp: 46435

Ion Ratio Lower Upper

75 100

155 79.0 39.5 118.5

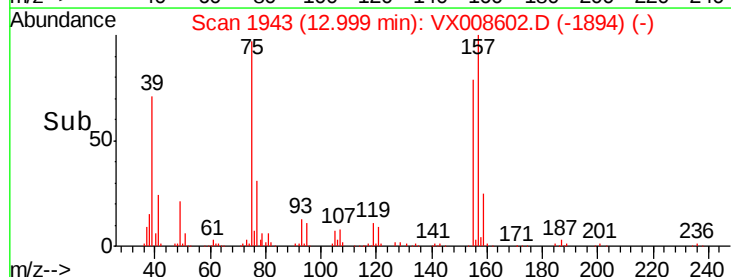
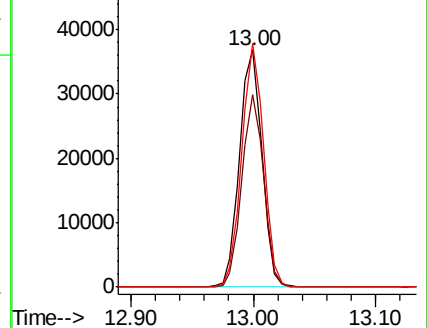
157 99.4 49.9 149.7

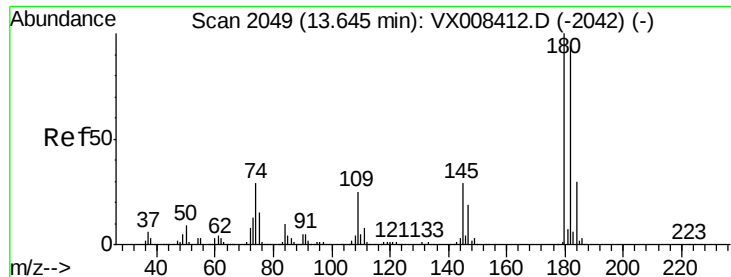


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

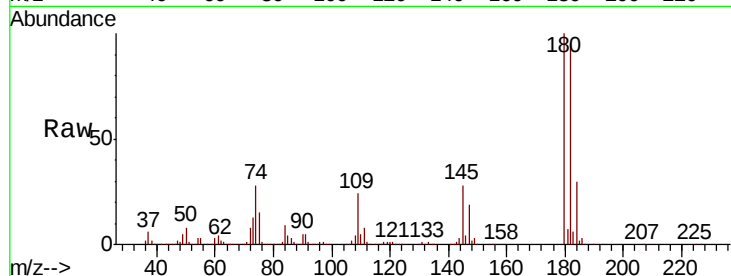




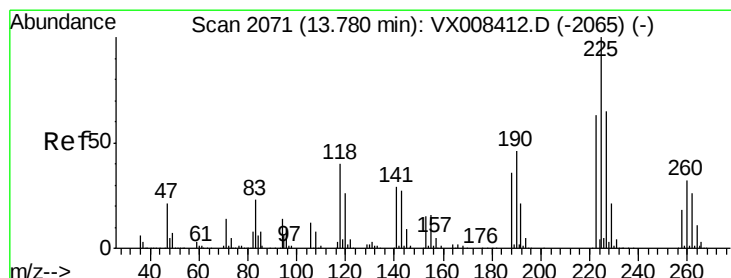
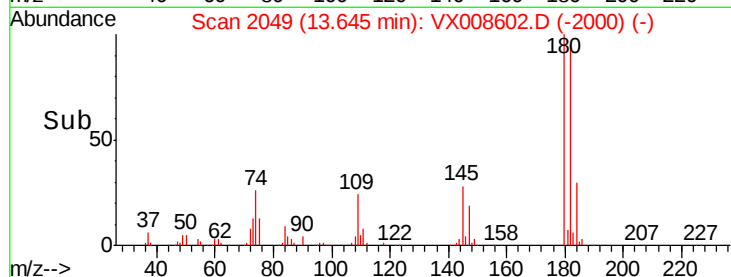
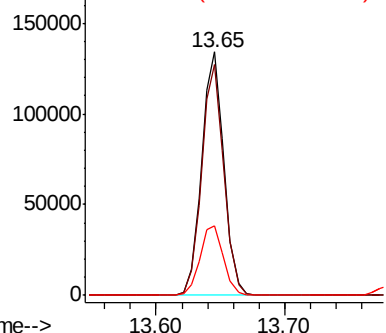
#93
 1,2,4-Trichlorobenzene
 Concen: 50.972 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008602.D
 Acq: 02 Apr 2019 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 161342
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.3 142.0
 145 30.2 15.3 45.8

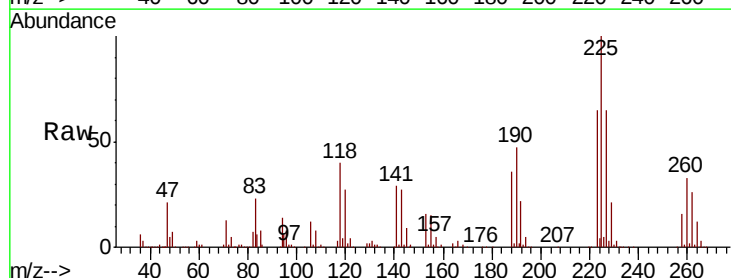


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

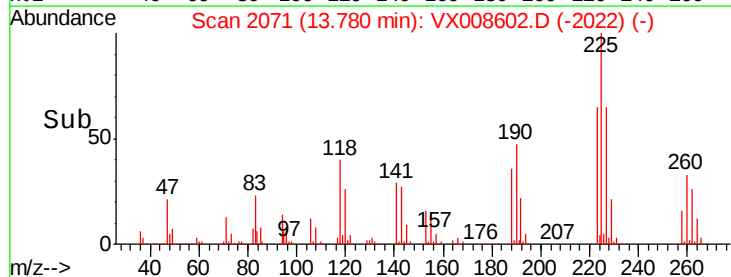
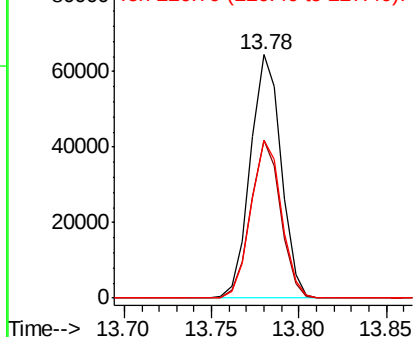


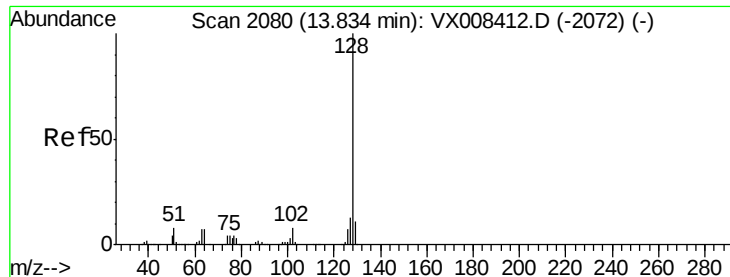
#94
 Hexachlorobutadiene
 Concen: 52.470 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008602.D
 Acq: 02 Apr 2019 19:48

Tgt Ion:225 Resp: 78862
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.4 94.0
 227 64.4 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.948 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

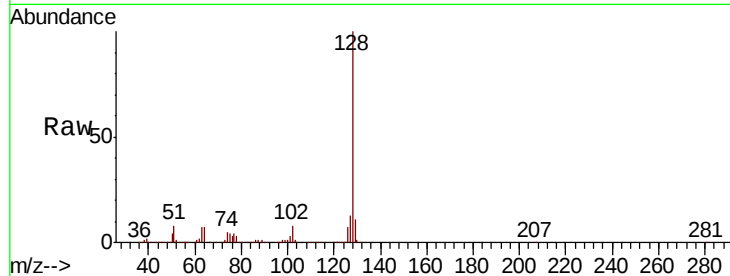
Tot Ion:128 Resp: 552893

Ion Ratio Lower Upper

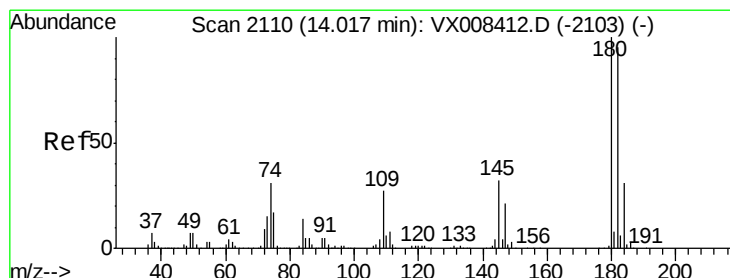
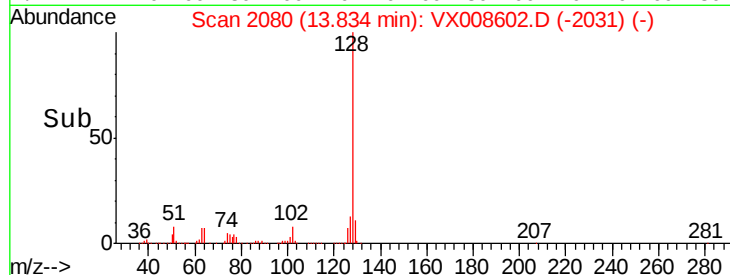
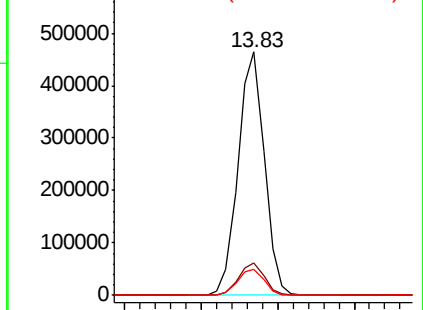
128 100

127 13.1 10.4 15.6

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.733 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008602.D

Acq: 02 Apr 2019 19:48

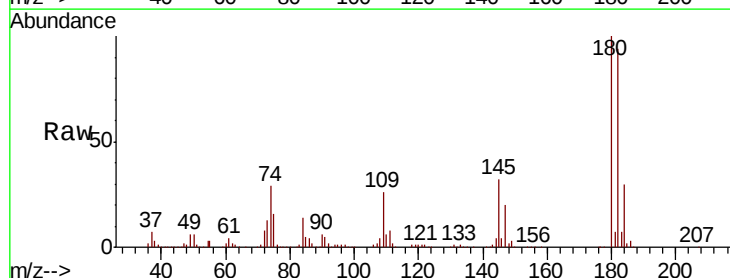
Tgt Ion:180 Resp: 161366

Ion Ratio Lower Upper

180 100

182 94.3 47.3 142.0

145 32.1 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

