

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040519\
 Data File : VX008707.D
 Acq On : 06 Apr 2019 01:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 06 03:50:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	174741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	295292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	266929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121119	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	127942	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
35) Dibromofluoromethane	5.50	113	94896	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	8.71	98	382595	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	
62) 4-Bromofluorobenzene	11.13	95	137989	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	88034	43.767	ug/l	97
3) Chloromethane	1.32	50	124051	50.335	ug/l	100
4) Vinyl Chloride	1.41	62	122855	45.183	ug/l	98
5) Bromomethane	1.64	94	55264	41.588	ug/l	98
6) Chloroethane	1.71	64	73788	49.670	ug/l	99
7) Trichlorofluoromethane	1.92	101	138225	45.988	ug/l	99
8) Diethyl Ether	2.19	74	65146	45.705	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	87078	44.998	ug/l	99
10) Methyl Iodide	2.51	142	78609	45.034	ug/l	100
11) Tert butyl alcohol	3.06	59	144715	242.533	ug/l	100
12) 1,1-Dichloroethene	2.37	96	91072	45.082	ug/l	97
13) Acrolein	2.29	56	183218	619.259	ug/l	97
14) Allyl chloride	2.73	41	211942	45.829	ug/l	99
15) Acrylonitrile	3.14	53	371262	234.870	ug/l	99
16) Acetone	2.45	43	318406	216.901	ug/l	97
17) Carbon Disulfide	2.57	76	262107	44.854	ug/l	99
18) Methyl Acetate	2.78	43	166581	46.789	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	348327	48.282	ug/l	99
20) Methylene Chloride	2.85	84	110593	45.007	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	95620	43.759	ug/l	95
22) Diisopropyl ether	3.85	45	421594	47.298	ug/l	93
23) Vinyl Acetate	3.81	43	1878002	242.190	ug/l	99
24) 1,1-Dichloroethane	3.70	63	204797	46.405	ug/l	100
25) 2-Butanone	4.67	43	552163	237.983	ug/l	100
26) 2,2-Dichloropropane	4.58	77	125017	40.220	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	113537	45.193	ug/l	98
28) Bromochloromethane	5.01	49	96272	52.366	ug/l	100
29) Tetrahydrofuran	5.13	42	366900	238.254	ug/l	99
30) Chloroform	5.21	83	184443	46.792	ug/l	98
31) Cyclohexane	5.58	56	197258	44.795	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	150963	47.394	ug/l	100
36) 1,1-Dichloropropene	5.80	75	142479	44.141	ug/l	100
37) Ethyl Acetate	4.83	43	207321	48.119	ug/l	99
38) Carbon Tetrachloride	5.79	117	124469	46.590	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	172706	43.313	ug/l	99
40) Benzene	6.14	78	442953	46.064	ug/l	100
41) Methacrylonitrile	5.04	41	117135	47.298	ug/l	100
42) 1,2-Dichloroethane	6.19	62	157752	45.760	ug/l	99
43) Isopropyl Acetate	6.45	43	333647	49.435	ug/l	99
44) Trichloroethene	7.21	130	101624	45.375	ug/l	99
45) 1,2-Dichloropropane	7.51	63	126290	46.013	ug/l	99
46) Dibromomethane	7.66	93	71267	44.770	ug/l	98
47) Bromodichloromethane	7.90	83	143246	47.726	ug/l	99
48) Methyl methacrylate	7.77	41	167388	49.028	ug/l	99
49) 1,4-Dioxane	7.74	88	61362	959.441	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1079170	248.385	ug/l	100
52) Toluene	8.79	92	267460	47.178	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	161436	48.016	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	181119	47.145	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	109401	48.075	ug/l	99
56) Ethyl methacrylate	9.18	69	207496	50.395	ug/l	100
57) 1,3-Dichloropropane	9.37	76	193115	47.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	510805	242.960	ug/l	99
59) 2-Hexanone	9.49	43	811160	240.237	ug/l	100
60) Dibromochloromethane	9.58	129	106540	49.683	ug/l	99
61) 1,2-Dibromoethane	9.67	107	112247	47.381	ug/l	99
64) Tetrachloroethene	9.33	164	89069	45.037	ug/l	98
65) Chlorobenzene	10.14	112	272308	46.022	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	97778	47.104	ug/l	99
67) Ethyl Benzene	10.25	91	507990	46.042	ug/l	100
68) m/p-Xylenes	10.36	106	371533	93.655	ug/l	98
69) o-Xylene	10.70	106	180437	46.934	ug/l	100
70) Styrene	10.71	104	314625	47.476	ug/l	100
71) Bromoform	10.85	173	78339	49.413	ug/l #	99
73) Isopropylbenzene	11.02	105	476099	47.432	ug/l	99
74) N-amyl acetate	10.90	43	282809	47.889	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	174982	45.838	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	204675	61.515	ug/l	81
77) Bromobenzene	11.26	156	113820	47.169	ug/l	98
78) n-propylbenzene	11.36	91	551722	47.207	ug/l	100
79) 2-Chlorotoluene	11.42	91	328536	46.452	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	402570	47.779	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56542	46.844	ug/l	98
82) 4-Chlorotoluene	11.51	91	380563	46.485	ug/l	100
83) tert-Butylbenzene	11.77	119	392791	48.456	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	403841	47.335	ug/l	99
85) sec-Butylbenzene	11.94	105	456683	47.430	ug/l	99
86) p-Isopropyltoluene	12.06	119	408998	47.326	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	197385	45.693	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	199214	45.541	ug/l	100
89) n-Butylbenzene	12.38	91	377949	46.633	ug/l	100
90) Hexachloroethane	12.60	117	69541	48.516	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	198377	46.252	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39490	47.025	ug/l	98

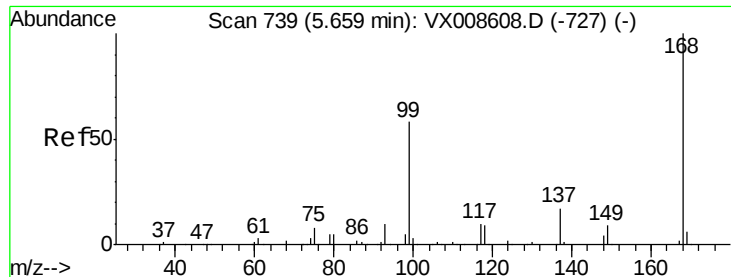
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137719	46.181	ug/l	99
94) Hexachlorobutadiene	13.78	225	66839	46.734	ug/l	100
95) Naphthalene	13.83	128	477226	47.880	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	137940	46.295	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

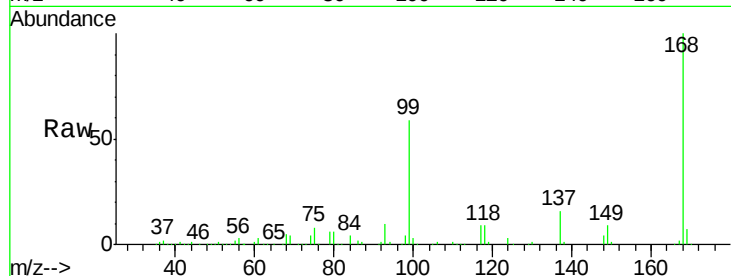
VSTDCCC050EC

Tot Ion:168 Resp: 174741

Ion Ratio Lower Upper

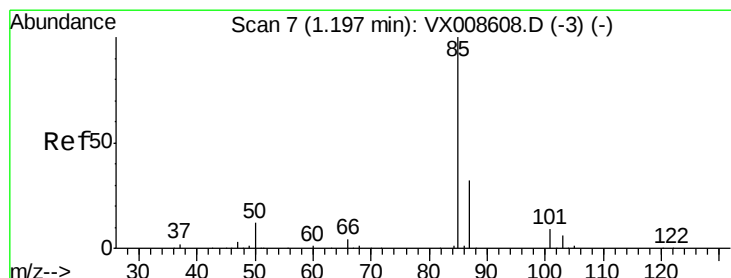
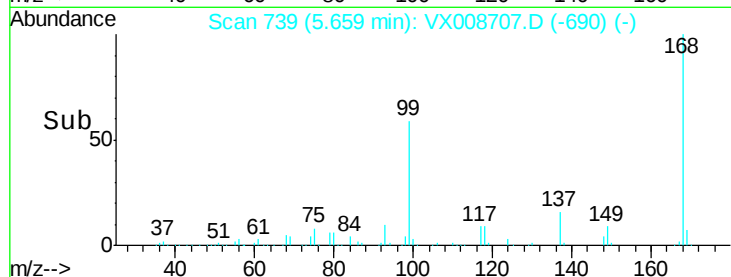
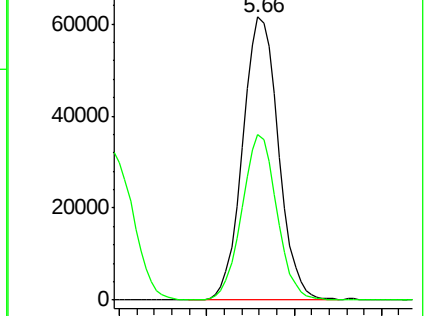
168 100

99 58.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 43.767 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008707.D

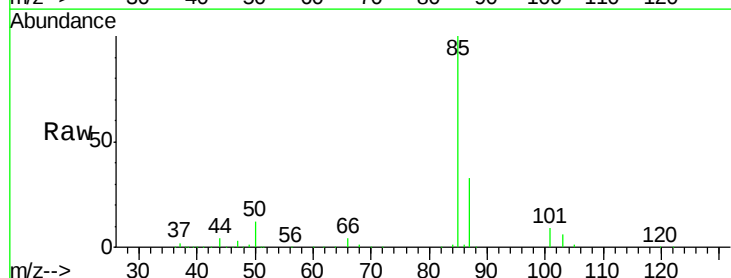
Acq: 06 Apr 2019 01:09

Tgt Ion: 85 Resp: 88034

Ion Ratio Lower Upper

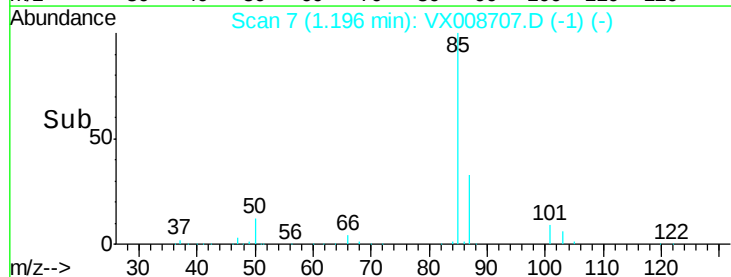
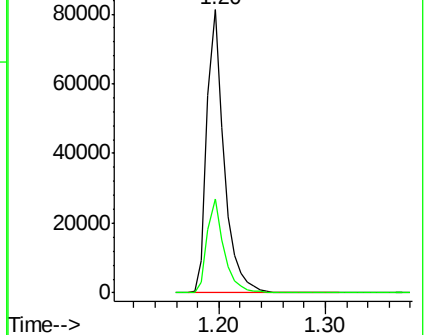
85 100

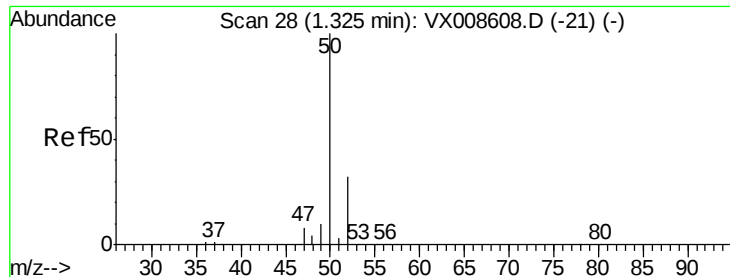
87 33.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.335 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

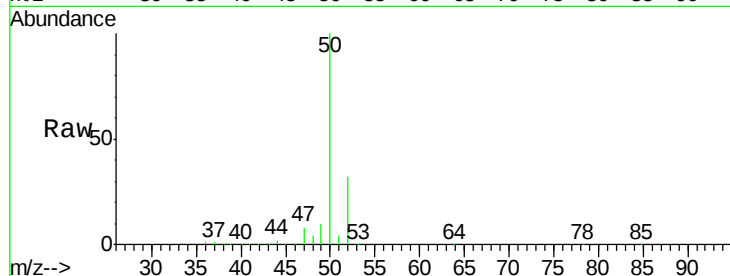
VSTDCCC050EC

Tot Ion: 50 Resp: 124051

Ion Ratio Lower Upper

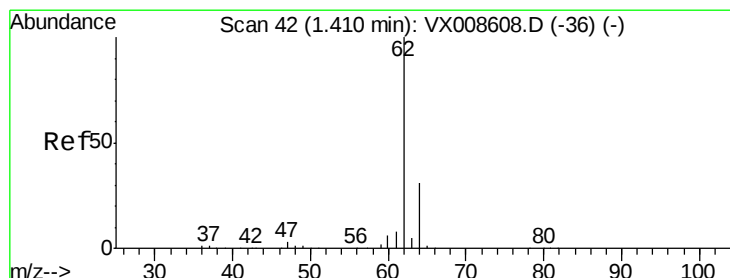
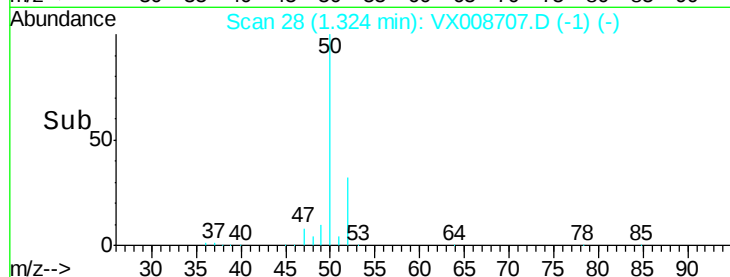
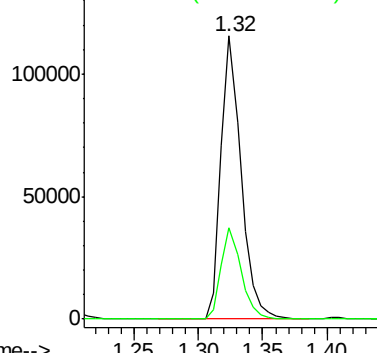
50 100

52 32.5 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.183 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008707.D

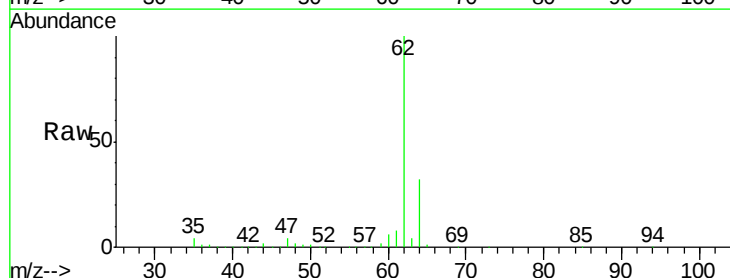
Acq: 06 Apr 2019 01:09

Tgt Ion: 62 Resp: 122855

Ion Ratio Lower Upper

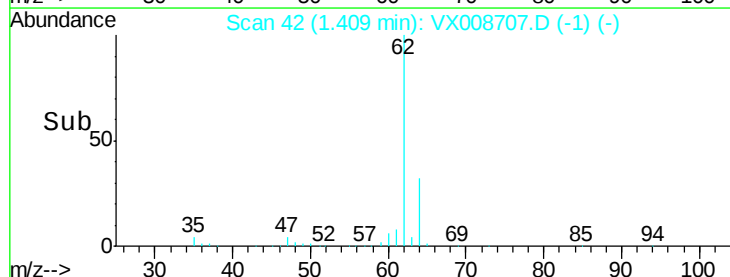
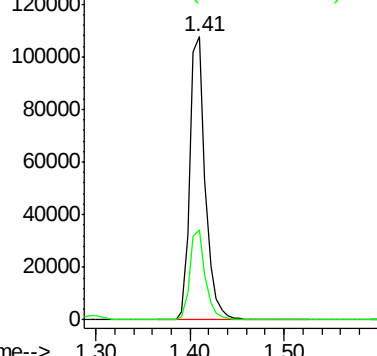
62 100

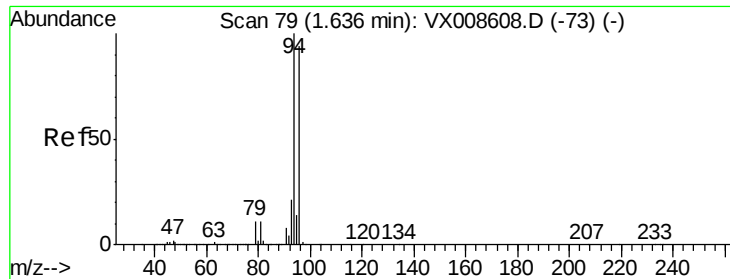
64 31.8 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 41.588 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

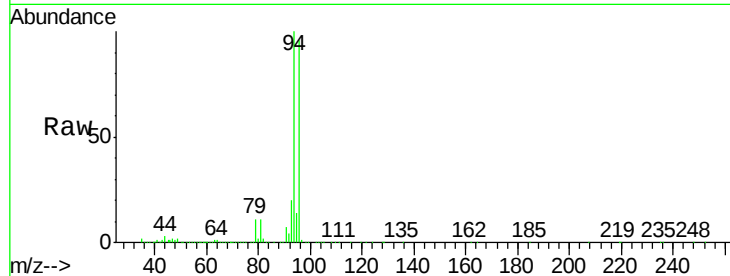
VSTDCCC050EC

Tot Ion: 94 Resp: 55264

Ion Ratio Lower Upper

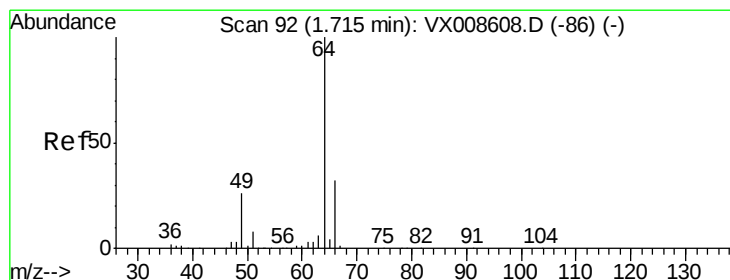
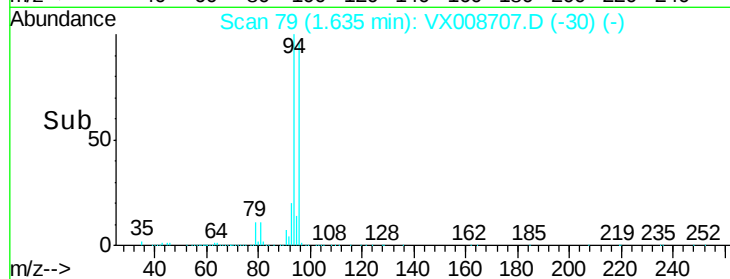
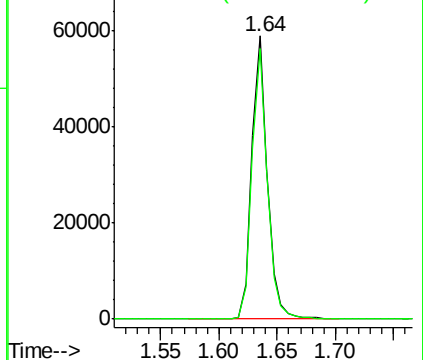
94 100

96 95.8 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.670 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008707.D

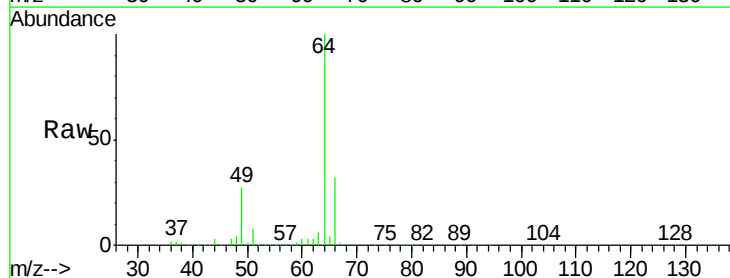
Acq: 06 Apr 2019 01:09

Tgt Ion: 64 Resp: 73788

Ion Ratio Lower Upper

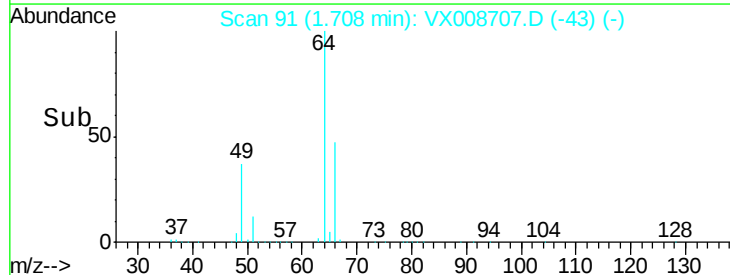
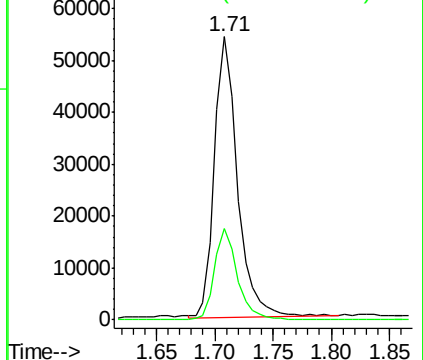
64 100

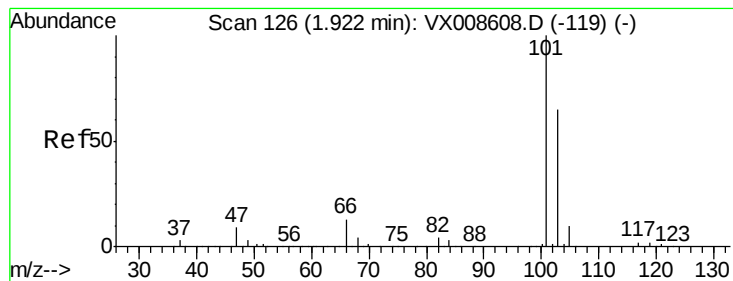
66 32.5 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



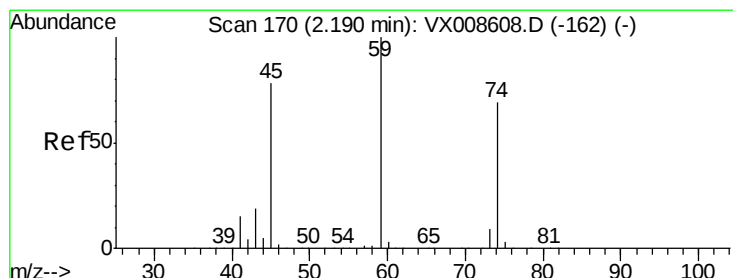
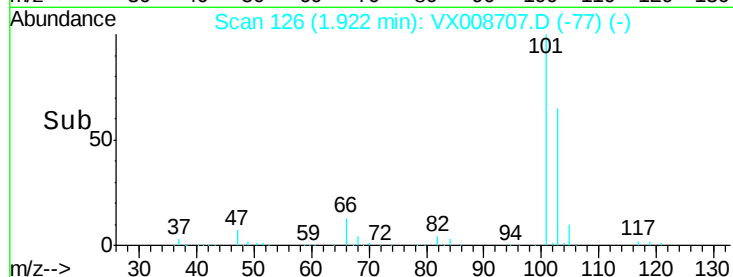
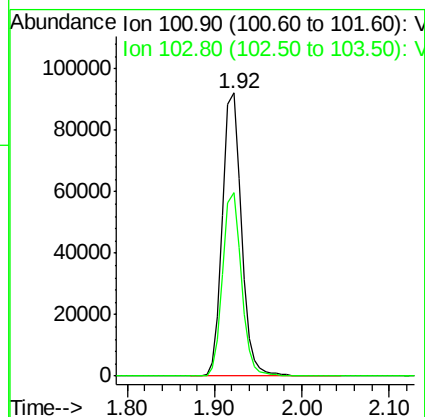
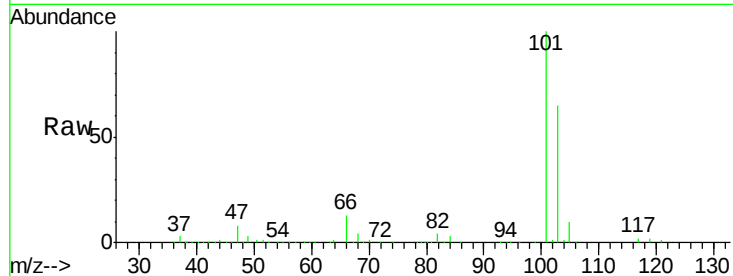


#7

Trichlorofluoromethane
 Concen: 45.988 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX008707.D
 Acq: 06 Apr 2019 01:09

Instrument :
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 VSTDCCC050EC

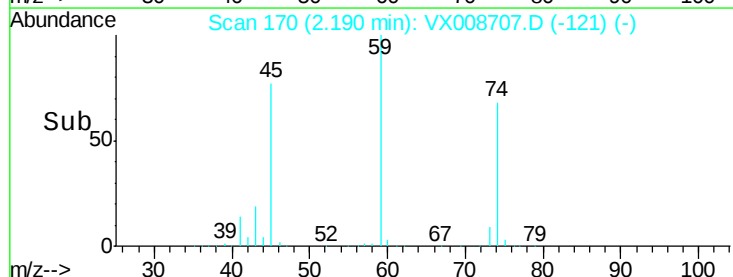
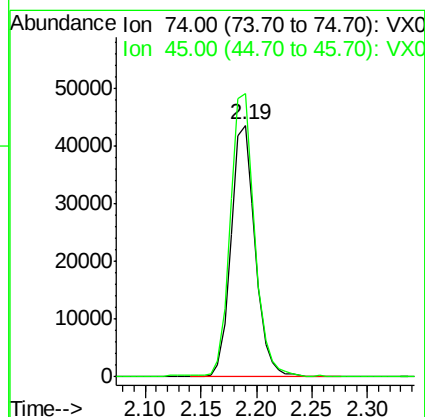
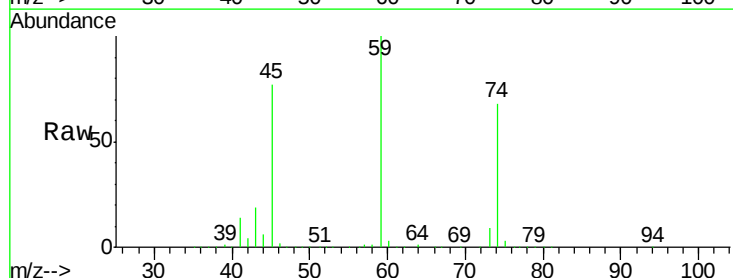
Tot Ion:101 Resp: 138225
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.3 78.5

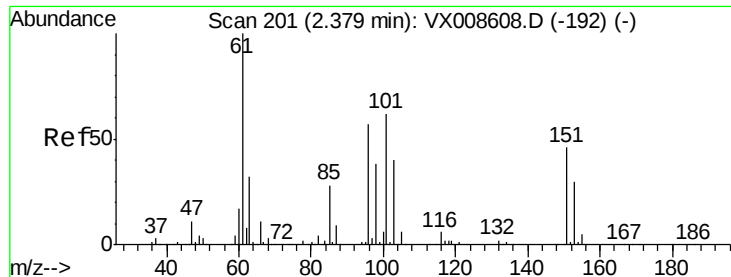


#8

Diethyl Ether
 Concen: 45.705 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX008707.D
 Acq: 06 Apr 2019 01:09

Tgt Ion: 74 Resp: 65146
 Ion Ratio Lower Upper
 74 100
 45 112.8 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.998 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

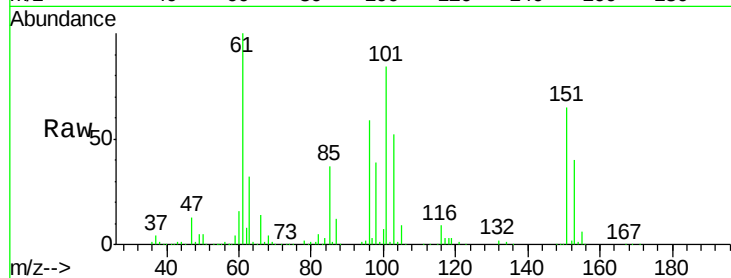
Tot Ion:101 Resp: 87078

Ion Ratio Lower Upper

101 100

85 44.3 36.0 54.0

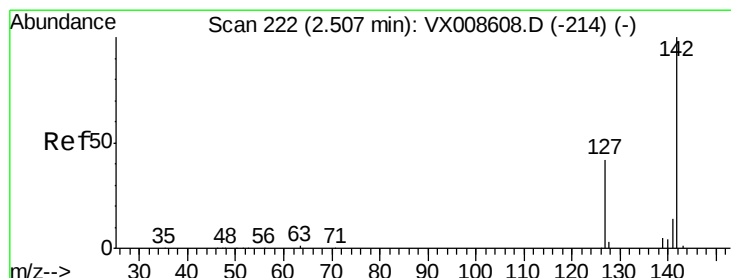
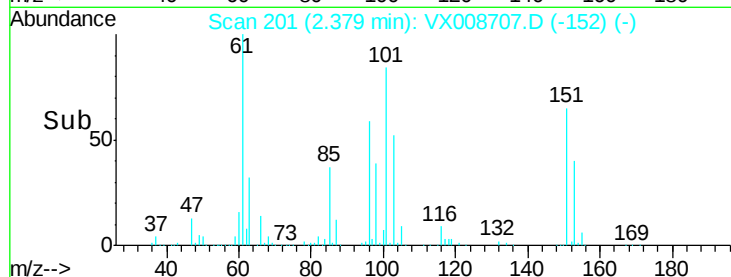
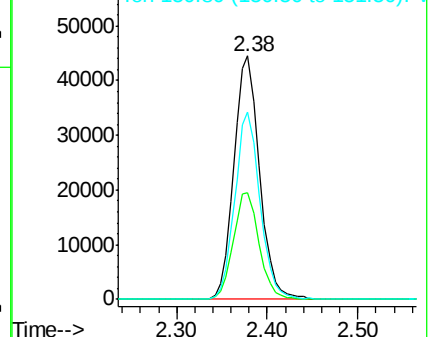
151 75.8 59.9 89.9



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: 45.034 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

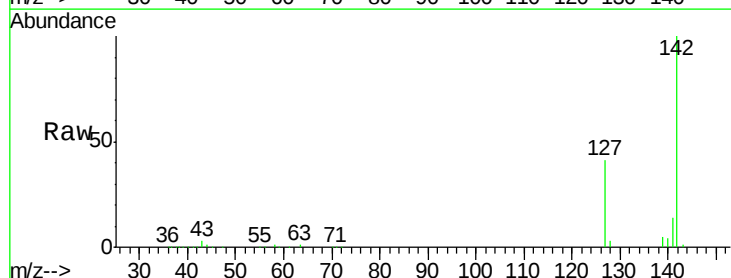
Tgt Ion:142 Resp: 78609

Ion Ratio Lower Upper

142 100

127 41.4 33.0 49.6

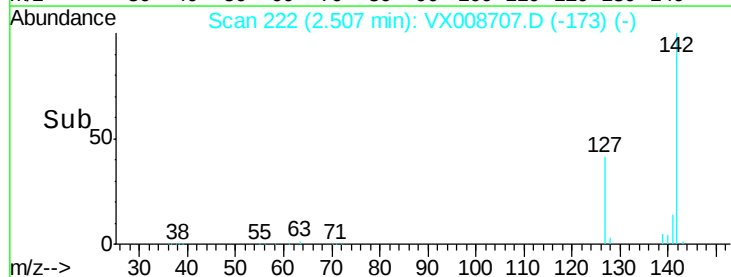
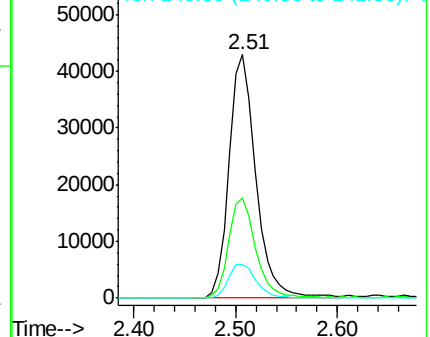
141 14.9 11.4 17.2

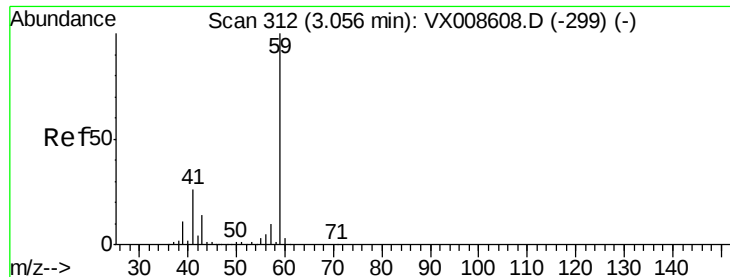


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



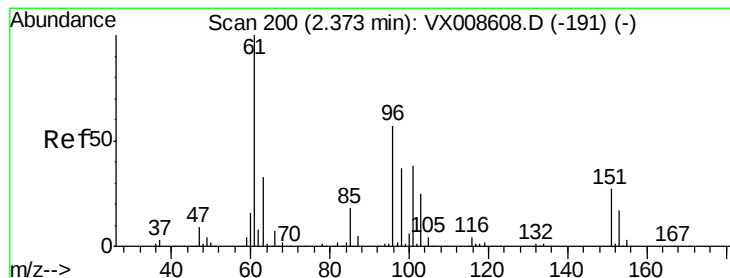
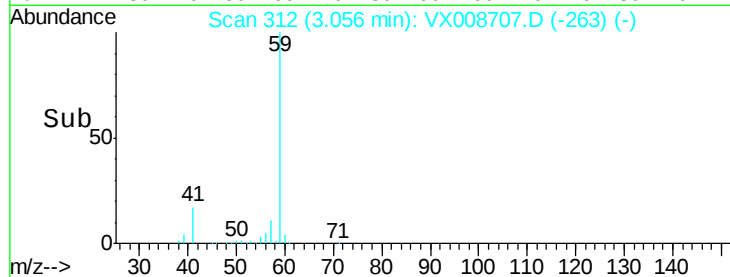
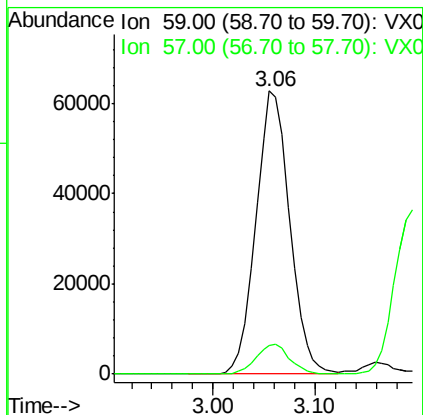
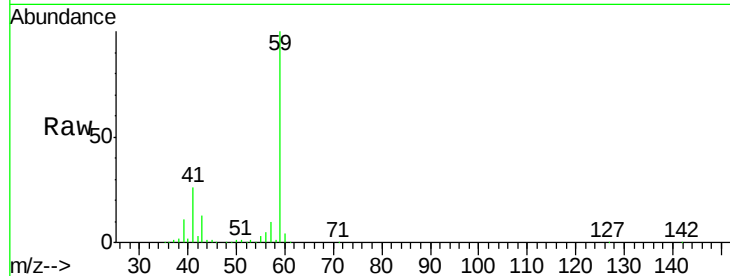


#11

Tert butyl alcohol
 Concen: 242.533 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. -0.00 min
 Lab File: VX008707.D
 Acq: 06 Apr 2019 01:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

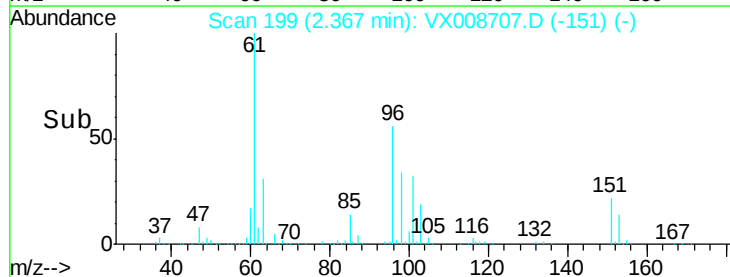
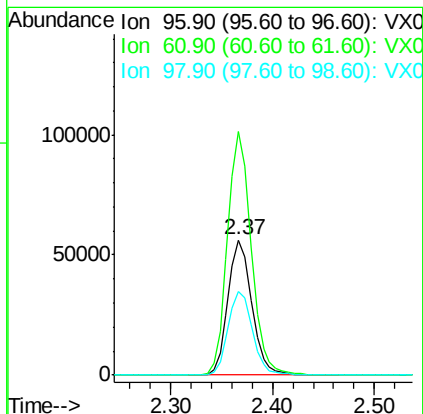
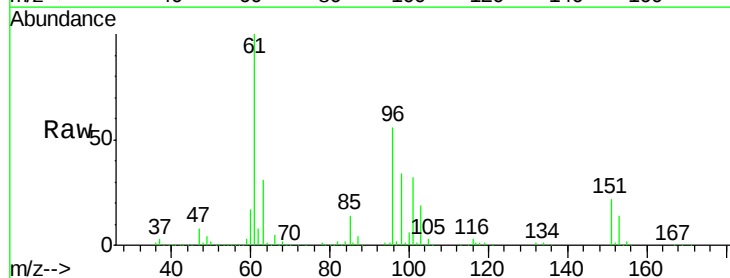
Tot Ion: 59 Resp: 144715
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

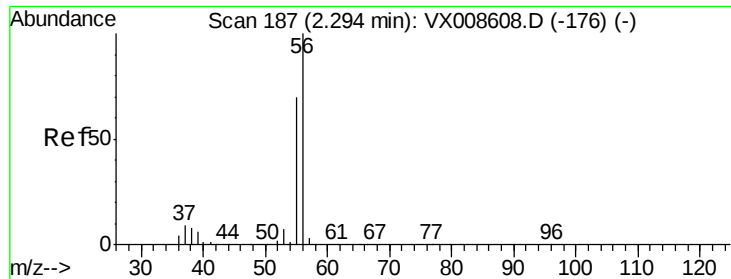


#12

1,1-Dichloroethene
 Concen: 45.082 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008707.D
 Acq: 06 Apr 2019 01:09

Tgt Ion: 96 Resp: 91072
 Ion Ratio Lower Upper
 96 100
 61 179.7 140.9 211.3
 98 61.9 52.1 78.1





#13

Acrolein

Concen: 619.259 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

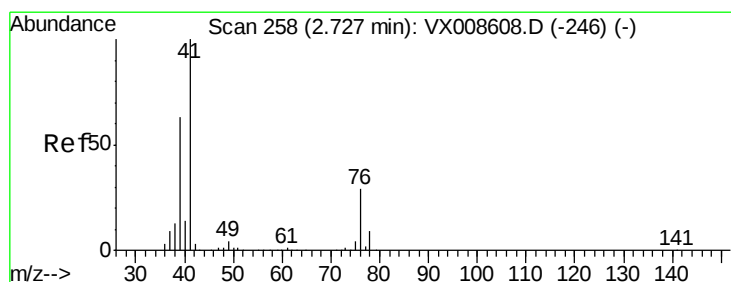
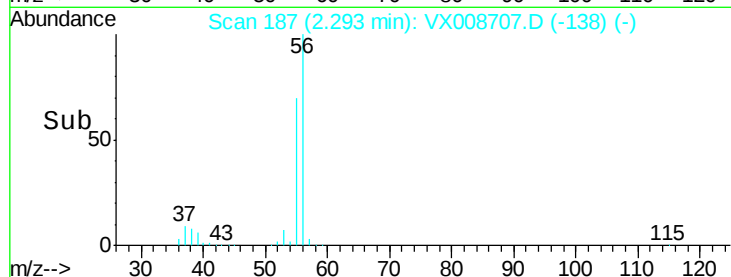
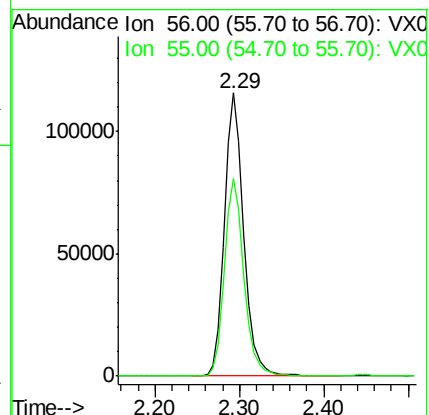
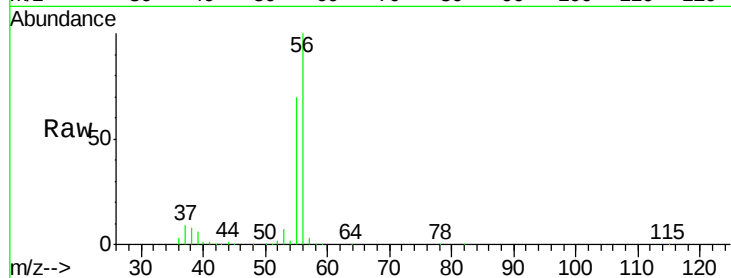
VSTDCCC050EC

Tot Ion: 56 Resp: 183218

Ion Ratio Lower Upper

56 100

55 70.4 58.0 87.0



#14

Allyl chloride

Concen: 45.829 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

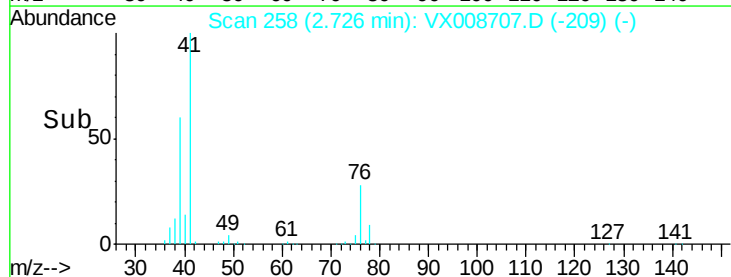
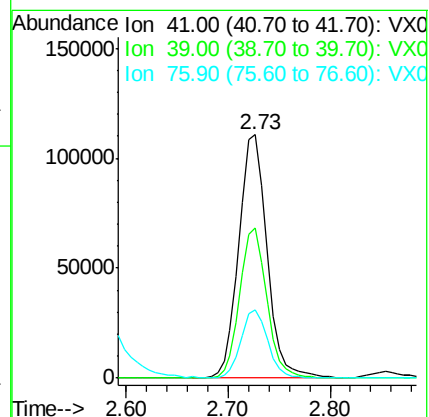
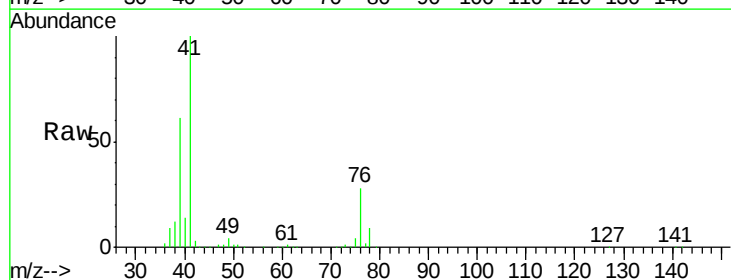
Tgt Ion: 41 Resp: 211942

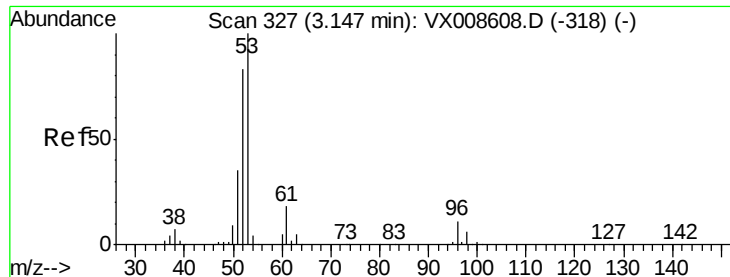
Ion Ratio Lower Upper

41 100

39 59.1 48.0 72.0

76 26.8 22.0 33.0





#15

Acrylonitrile

Concen: 234.870 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

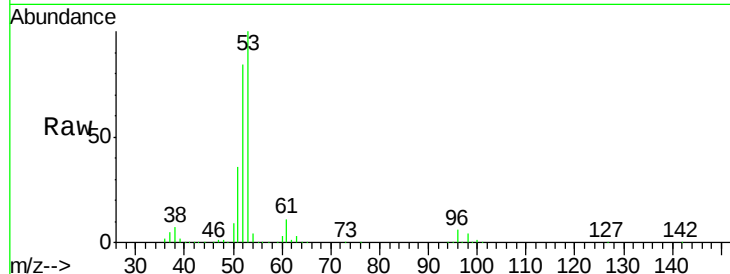
Tot Ion: 53 Resp: 371262

Ion Ratio Lower Upper

53 100

52 84.2 66.5 99.7

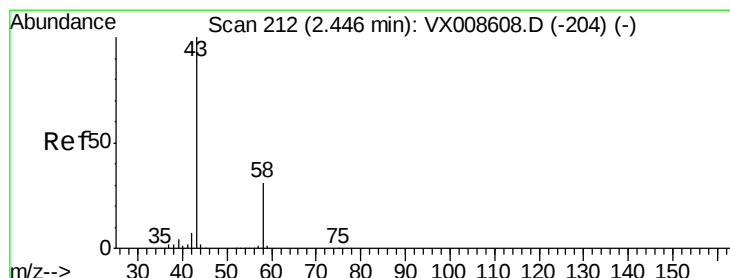
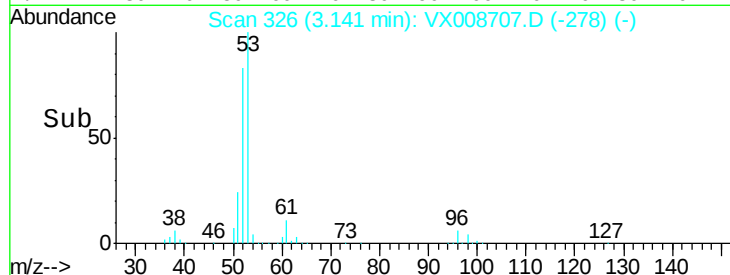
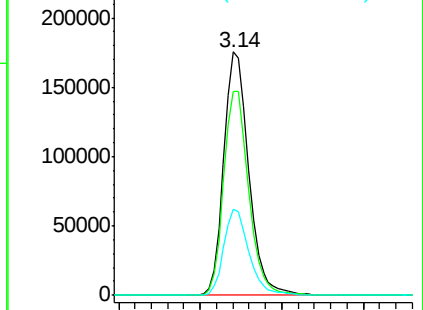
51 35.8 28.6 42.8



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: 216.901 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008707.D

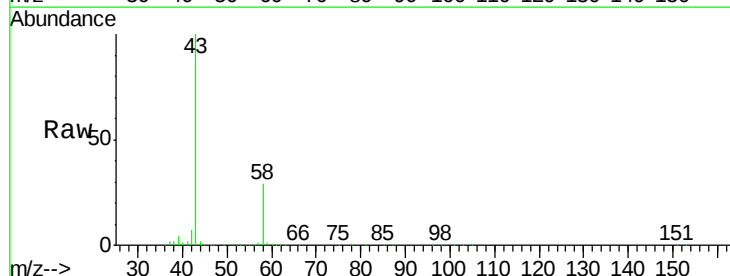
Acq: 06 Apr 2019 01:09

Tgt Ion: 43 Resp: 318406

Ion Ratio Lower Upper

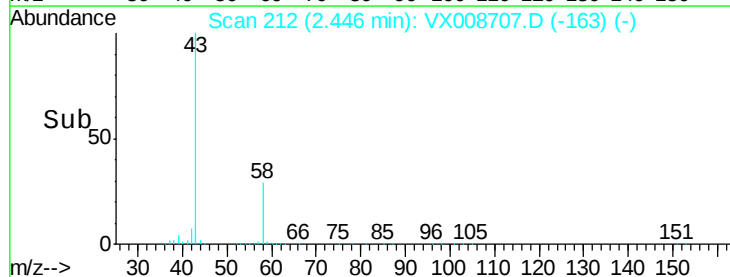
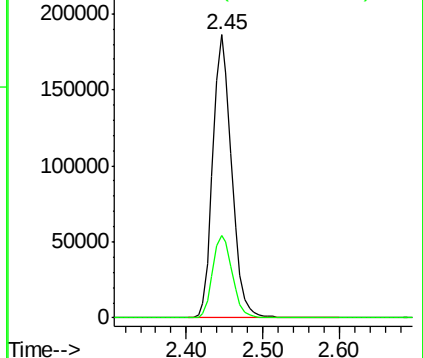
43 100

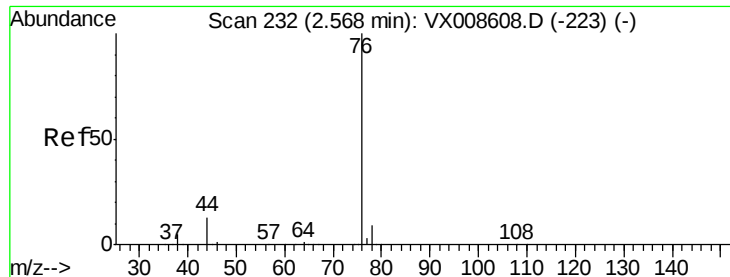
58 29.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

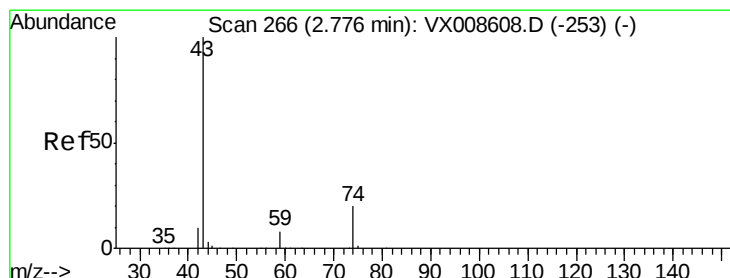
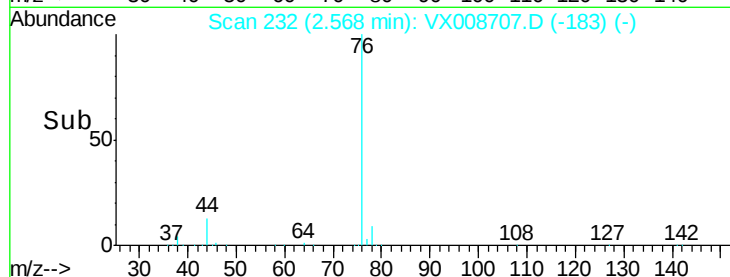
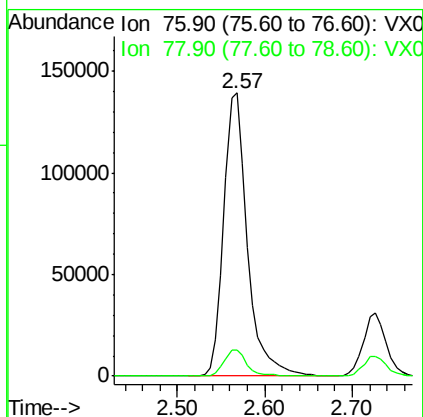
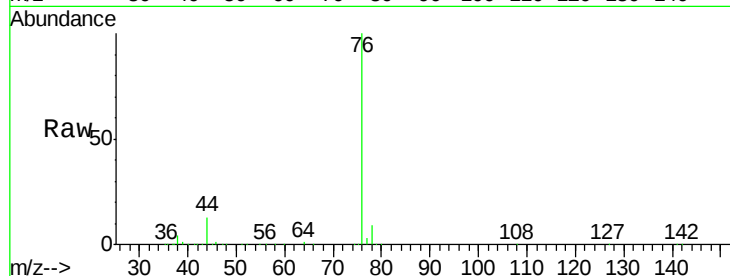




#17
Carbon Disulfide
Concen: 44.854 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

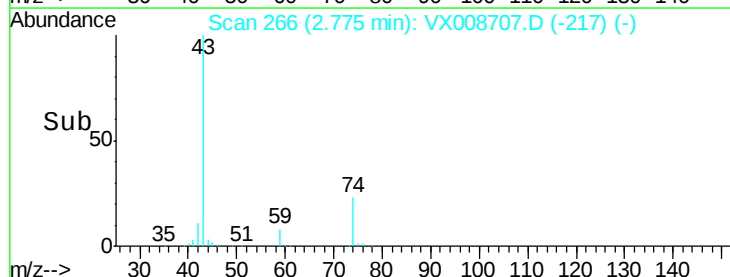
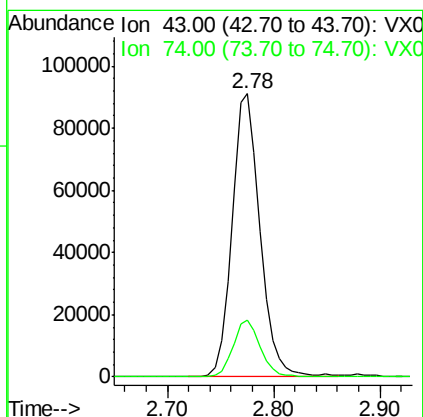
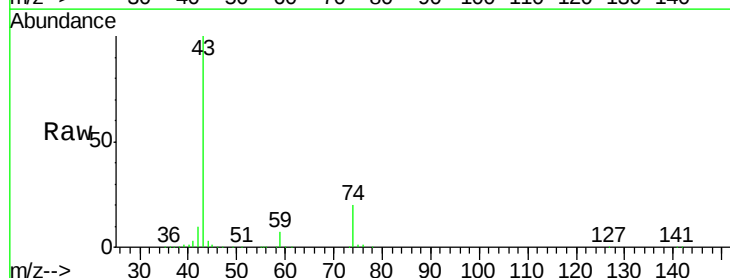
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

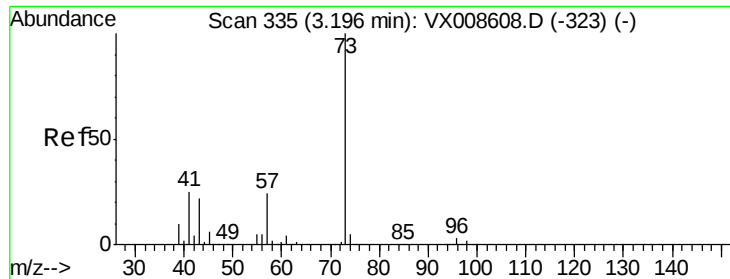
Tot Ion: 76 Resp: 262107
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 46.789 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

Tgt Ion: 43 Resp: 166581
Ion Ratio Lower Upper
43 100
74 20.1 16.5 24.7

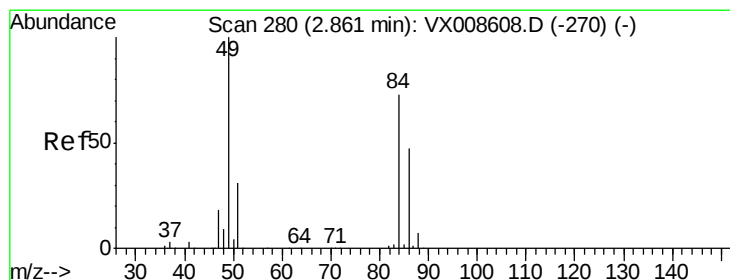
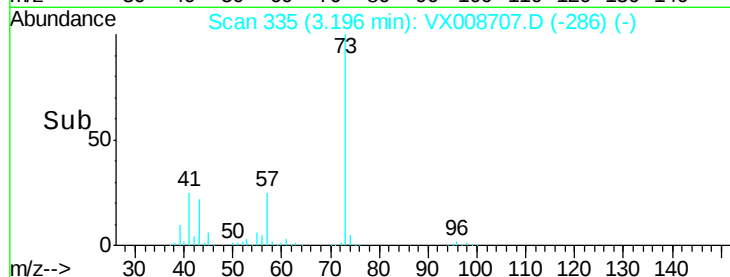
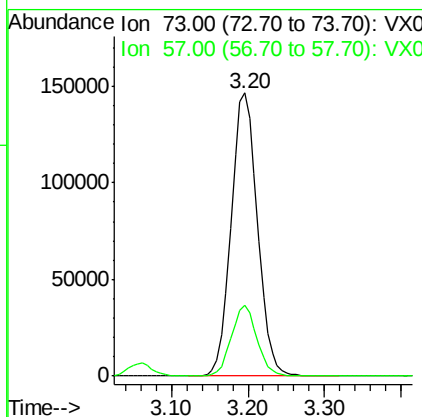
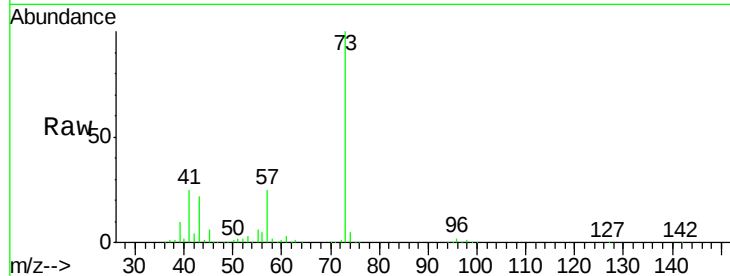




#19
Methvl tert-butvl Ether
Concen: 48.282 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

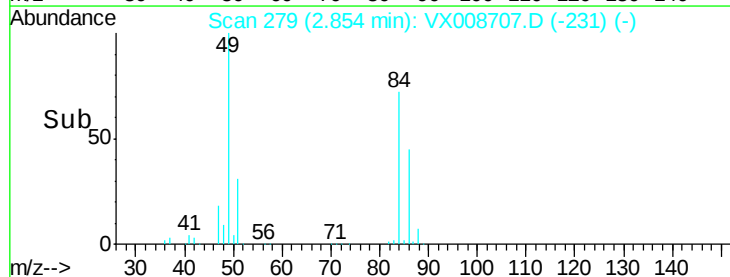
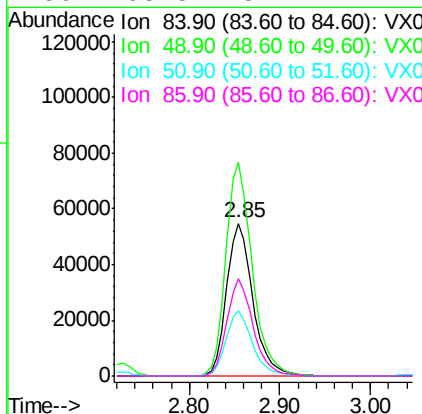
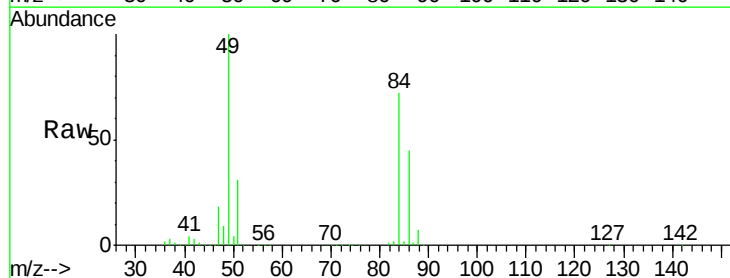
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

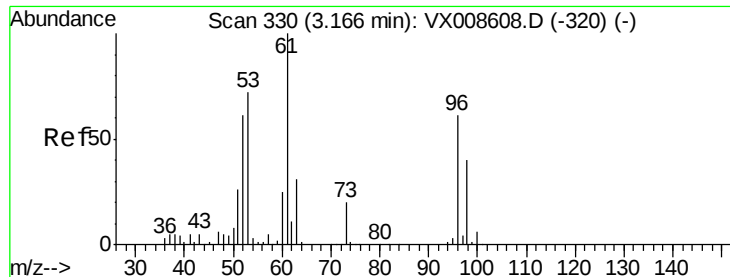
Tot Ion: 73 Resp: 348327
Ion Ratio Lower Upper
73 100
57 24.8 19.5 29.3



#20
Methylene Chloride
Concen: 45.007 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

Tgt Ion: 84 Resp: 110593
Ion Ratio Lower Upper
84 100
49 139.7 109.7 164.5
51 43.0 33.6 50.4
86 63.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 43.759 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

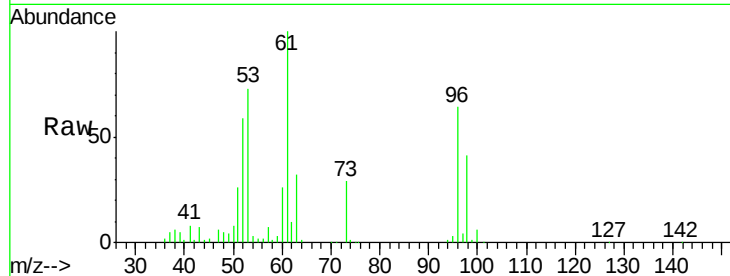
Tot Ion: 96 Resp: 95620

Ion Ratio Lower Upper

96 100

61 156.7 132.1 198.1

98 64.7 52.2 78.2

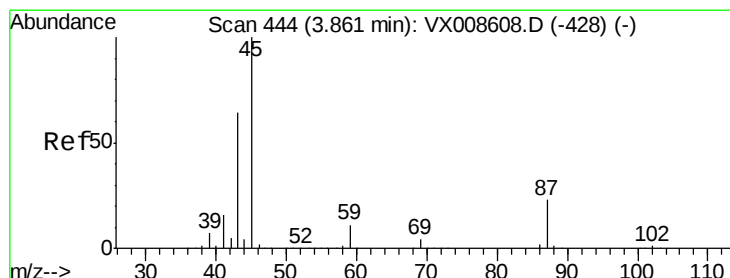
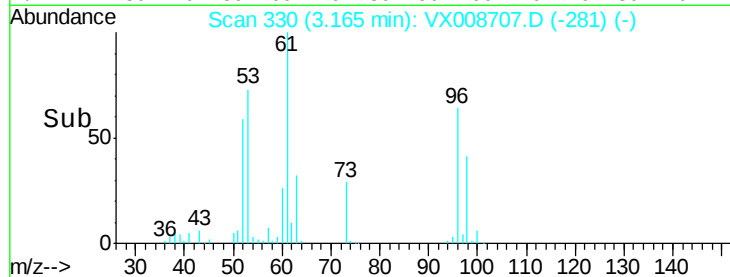
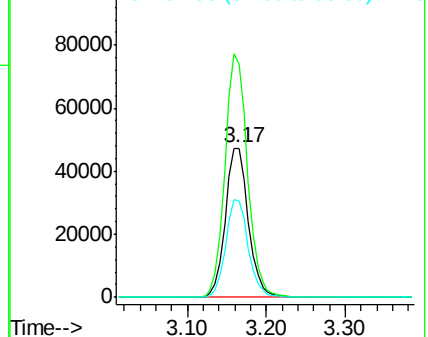


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.298 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Tgt Ion: 45 Resp: 421594

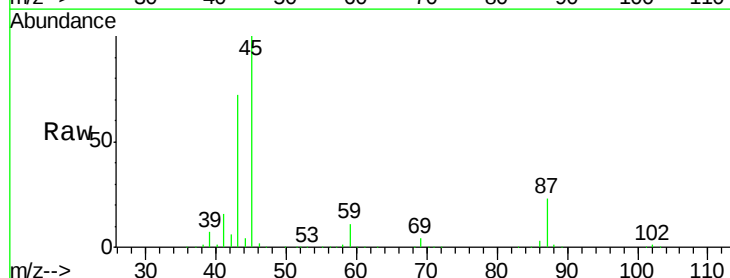
Ion Ratio Lower Upper

45 100

43 71.7 51.3 76.9

87 22.9 18.1 27.1

59 11.0 8.6 13.0



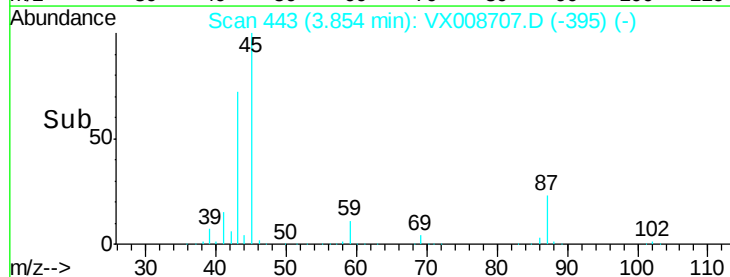
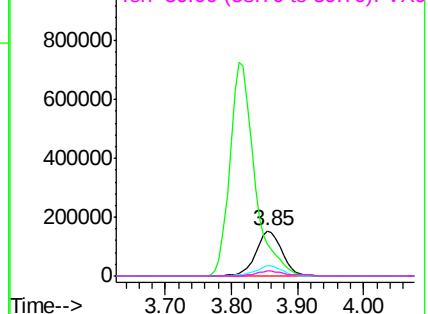
Abundance

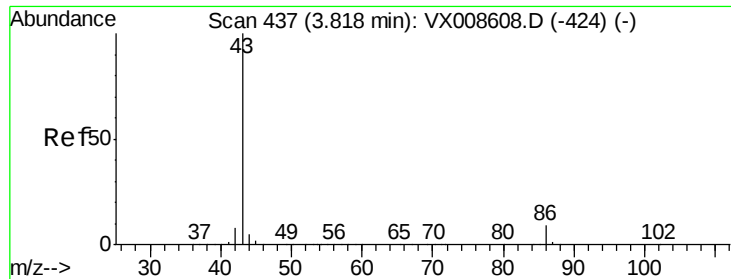
Ion 45.00 (44.70 to 45.70): VX0

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: 242.190 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

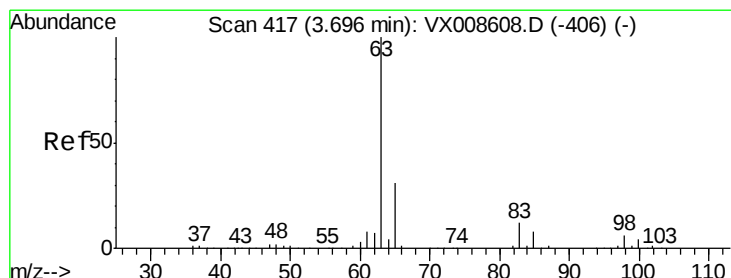
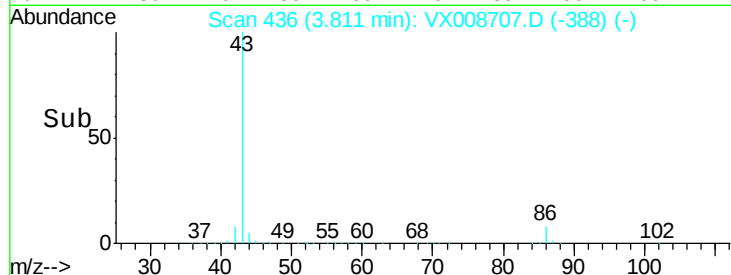
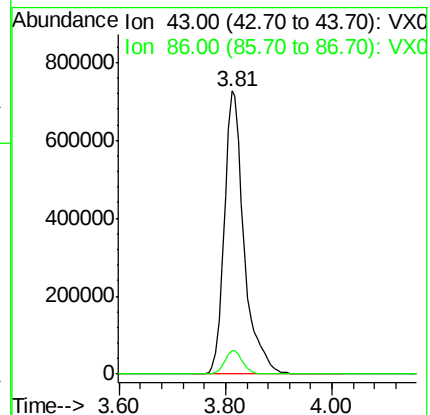
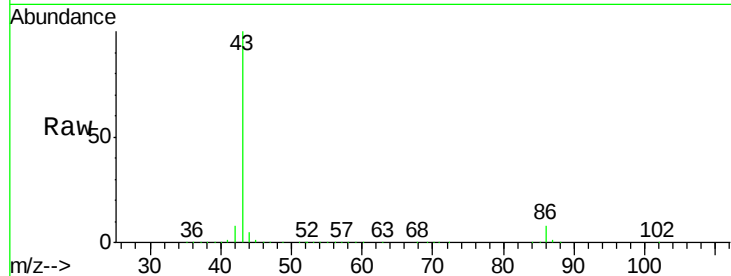
VSTDCCC050EC

Tot Ion: 43 Resp: 1878002

Ion Ratio Lower Upper

43 100

86 8.4 7.0 10.6



#24

1,1-Dichloroethane

Concen: 46.405 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

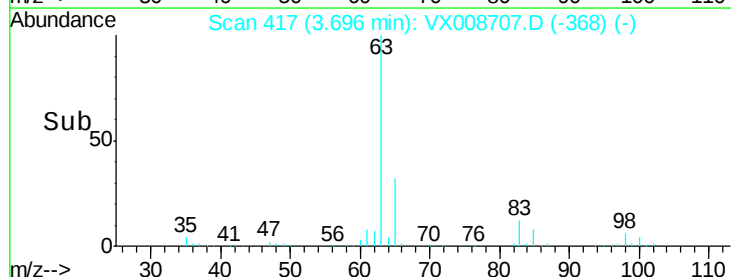
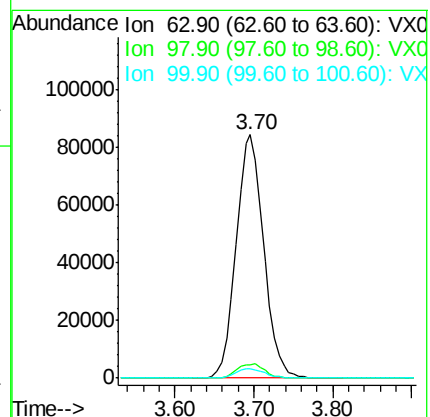
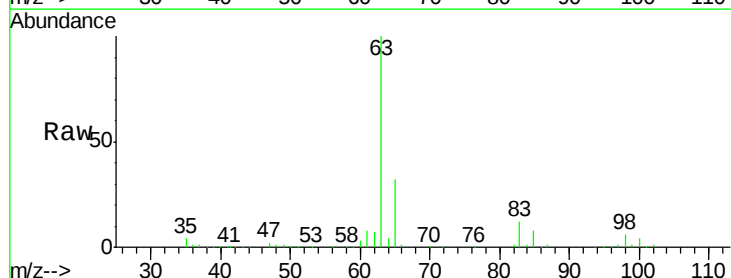
Tgt Ion: 63 Resp: 204797

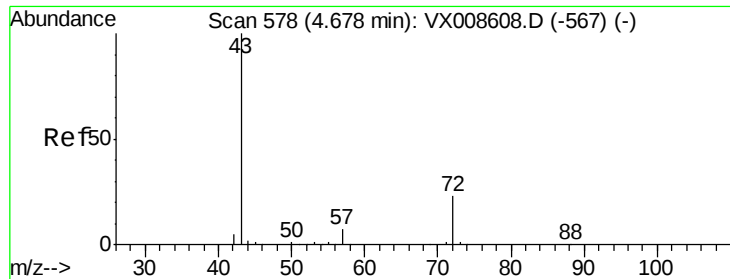
Ion Ratio Lower Upper

63 100

98 5.6 2.8 8.4

100 3.7 1.8 5.5





#25

2-Butanone

Concen: 237.983 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

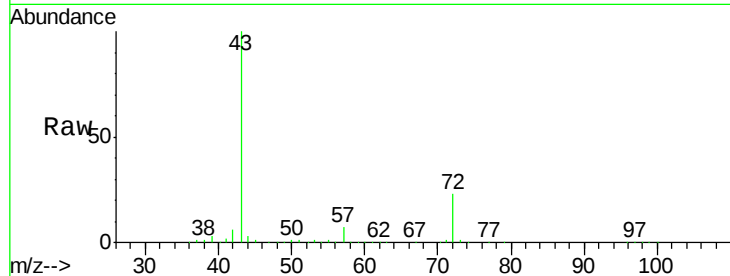
VSTDCCC050EC

Tot Ion: 43 Resp: 552163

Ion Ratio Lower Upper

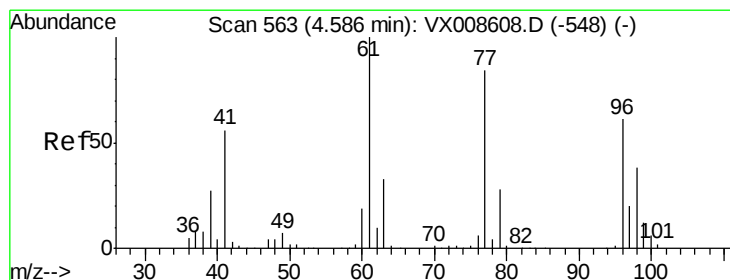
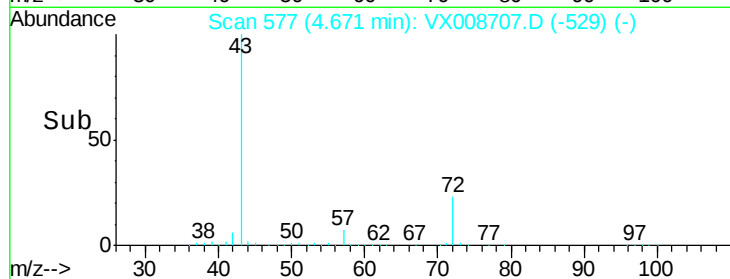
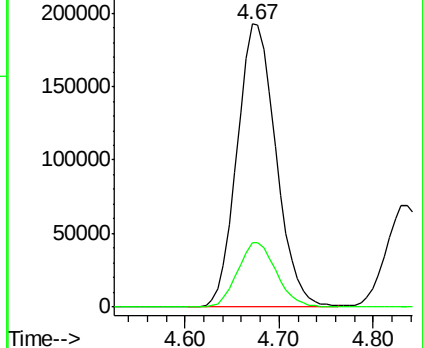
43 100

72 22.6 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 40.220 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008707.D

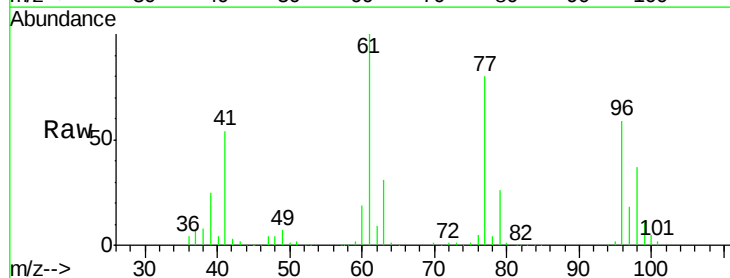
Acq: 06 Apr 2019 01:09

Tgt Ion: 77 Resp: 125017

Ion Ratio Lower Upper

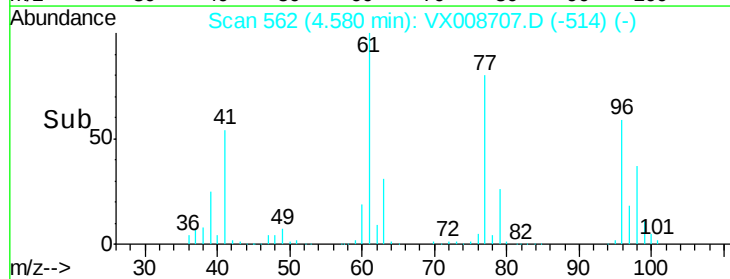
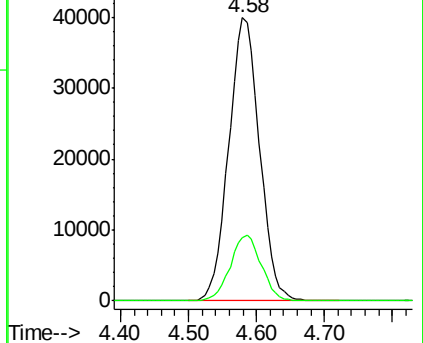
77 100

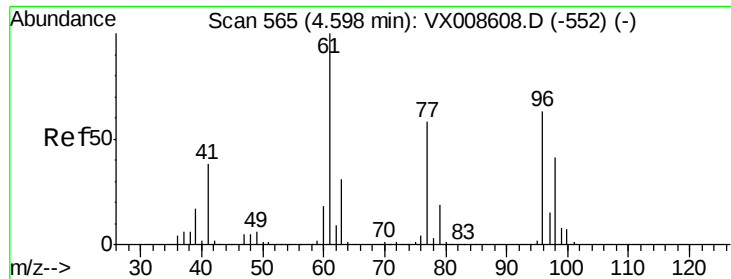
97 23.4 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



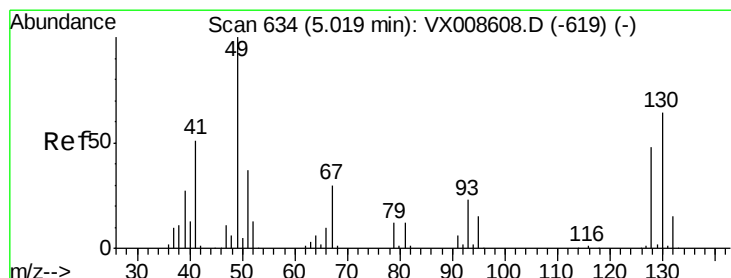
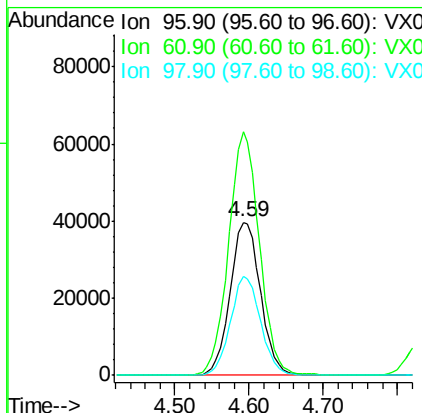
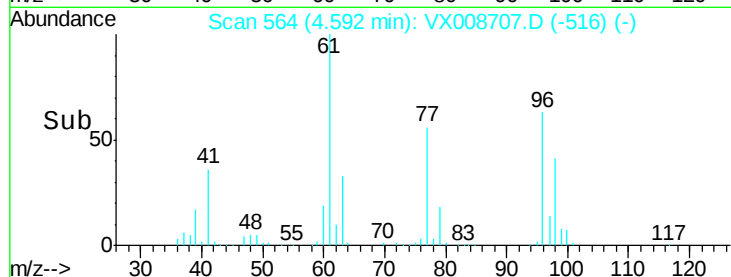
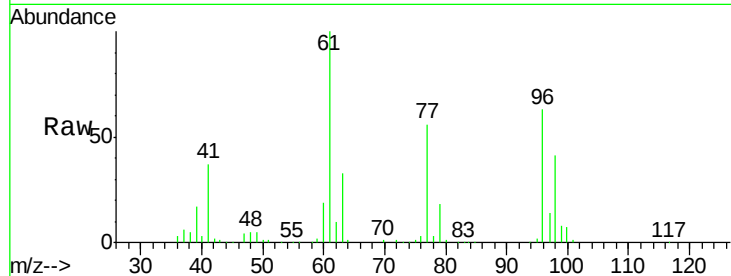


#27

cis-1,2-Dichloroethene
Concen: 45.193 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

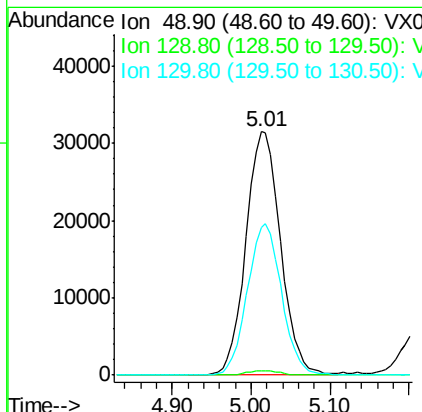
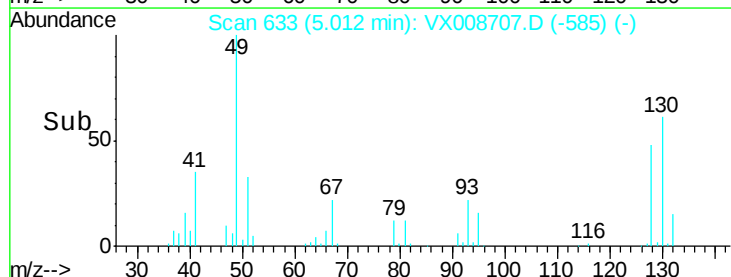
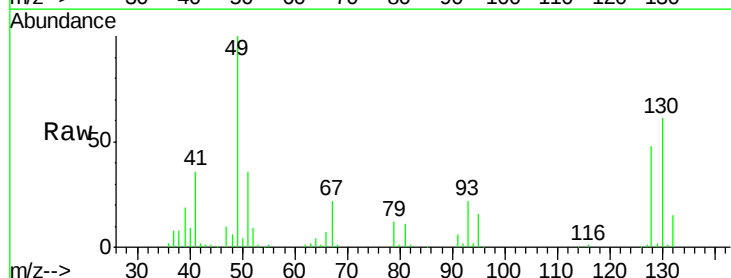
Tot Ion: 96 Resp: 113537
Ion Ratio Lower Upper
96 100
61 160.7 0.0 327.6
98 64.1 0.0 128.6

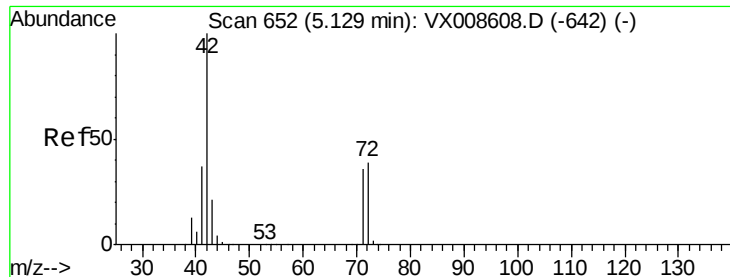


#28

Bromochloromethane
Concen: 52.366 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

Tgt Ion: 49 Resp: 96272
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 61.4 49.3 73.9





#29

Tetrahydrofuran

Concen: 238.254 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

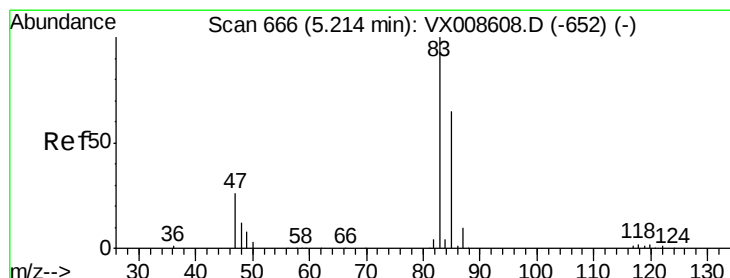
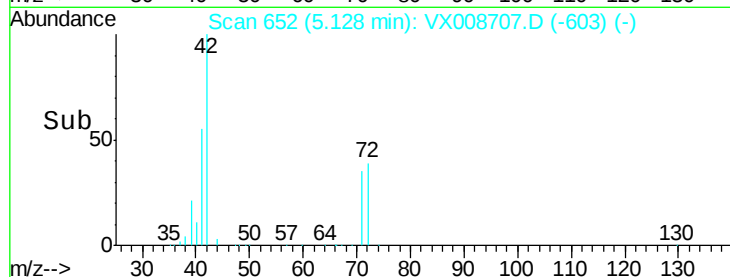
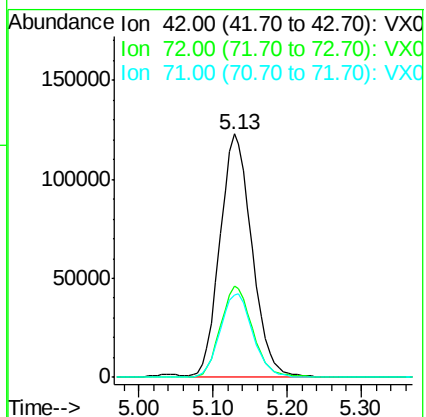
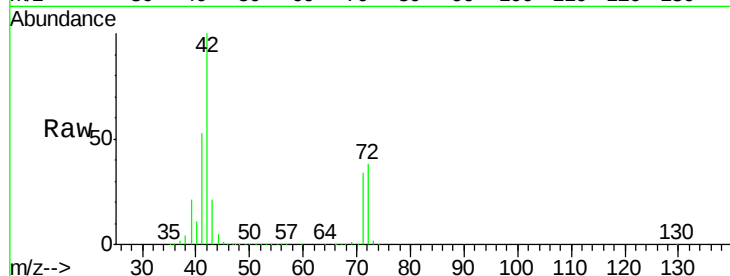
Tot Ion: 42 Resp: 366900

Ion Ratio Lower Upper

42 100

72 37.8 30.5 45.7

71 35.2 28.6 43.0



#30

Chloroform

Concen: 46.792 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008707.D

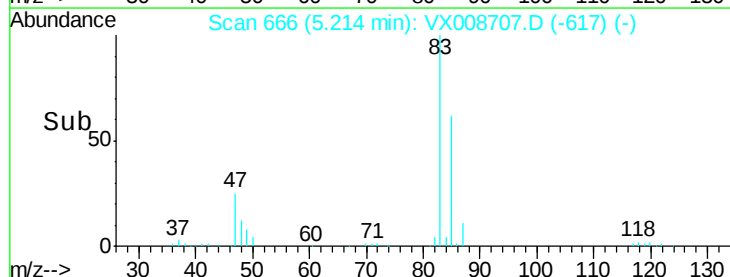
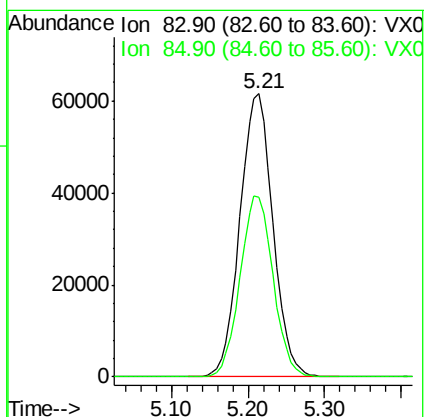
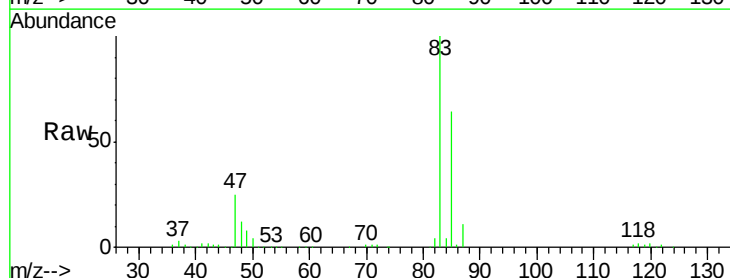
Acq: 06 Apr 2019 01:09

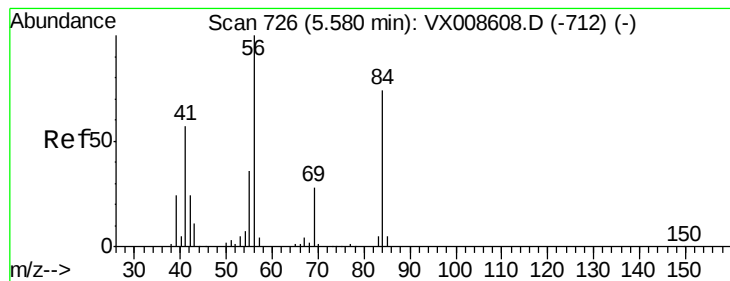
Tgt Ion: 83 Resp: 184443

Ion Ratio Lower Upper

83 100

85 63.6 52.1 78.1





#31

Cyclohexane

Concen: 44.795 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

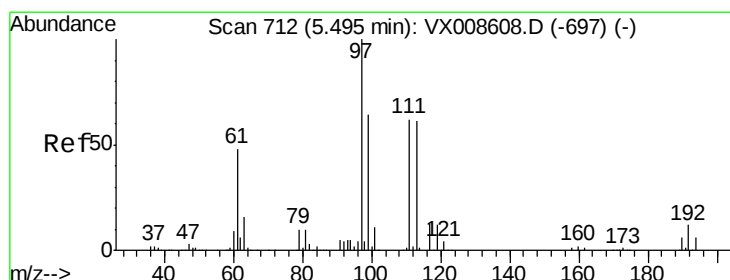
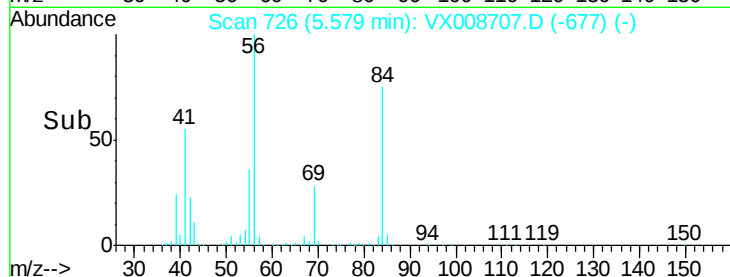
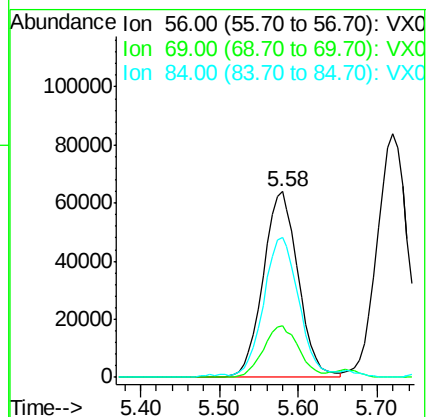
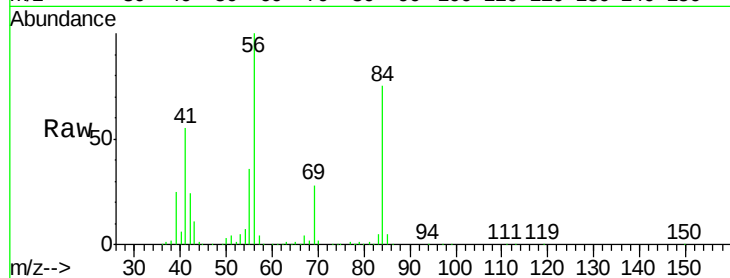
Tot Ion: 56 Resp: 197258

Ion Ratio Lower Upper

56 100

69 27.7 22.6 33.8

84 74.9 59.3 88.9



#32

1,1,1-Trichloroethane

Concen: 47.394 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

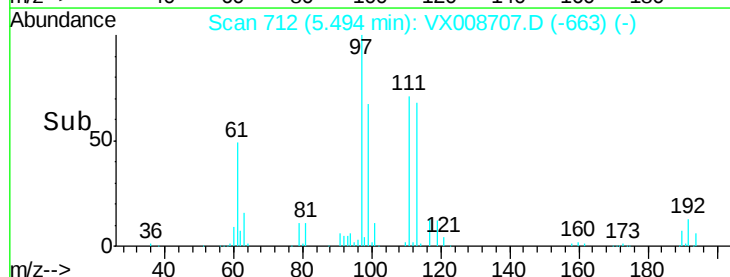
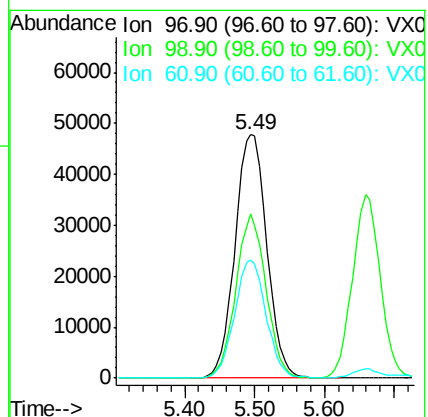
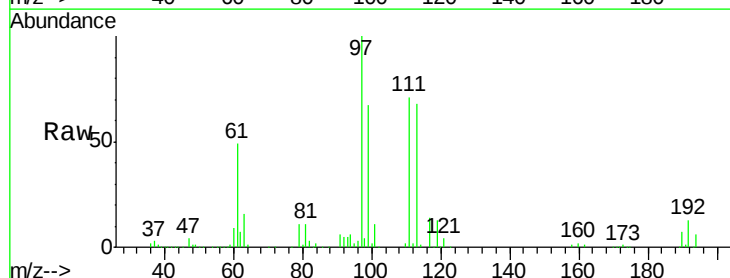
Tgt Ion: 97 Resp: 150963

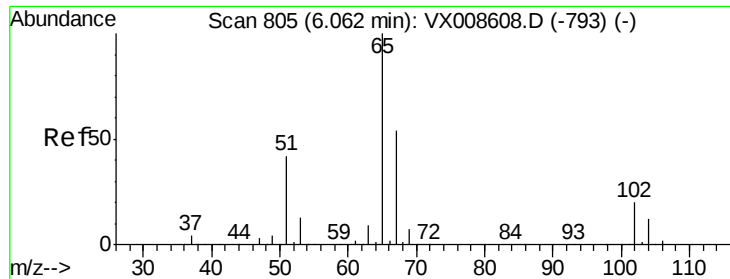
Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 48.1 38.9 58.3





#33

1,2-Dichloroethane-d4

Concen: 50.199 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

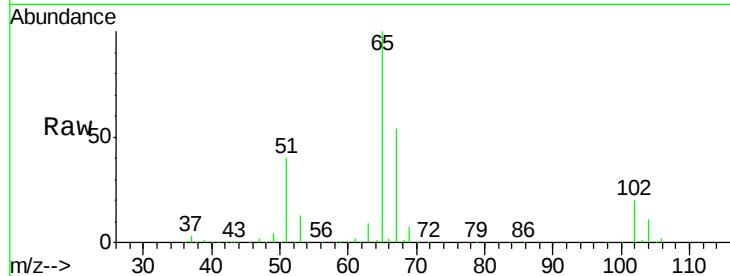
VSTDCCC050EC

Tot Ion: 65 Resp: 127942

Ion Ratio Lower Upper

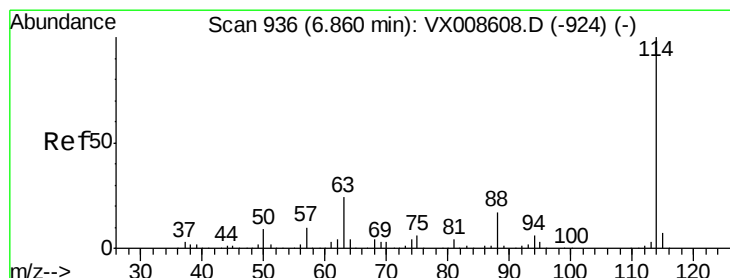
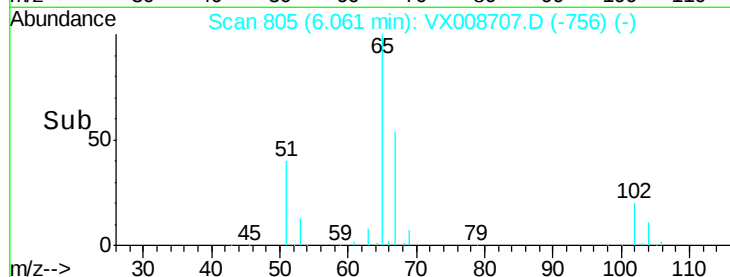
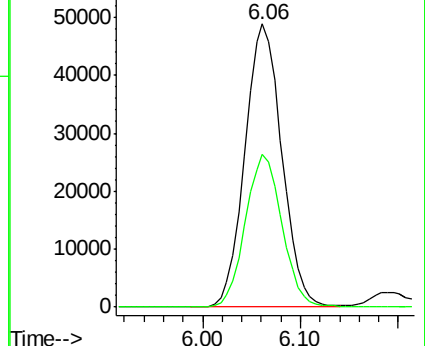
65 100

67 53.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

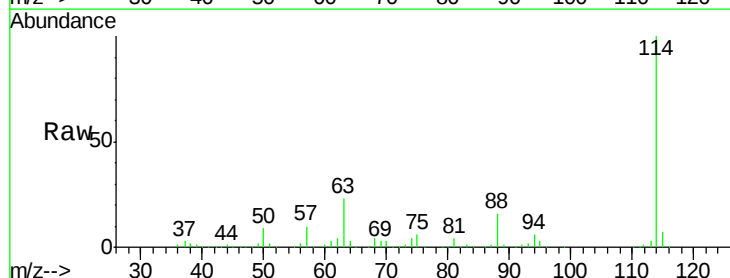
Tgt Ion: 114 Resp: 295292

Ion Ratio Lower Upper

114 100

63 23.2 0.0 47.2

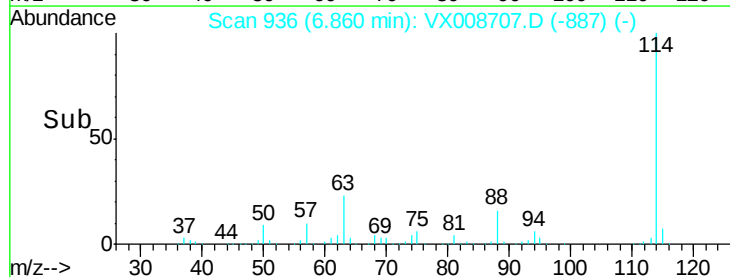
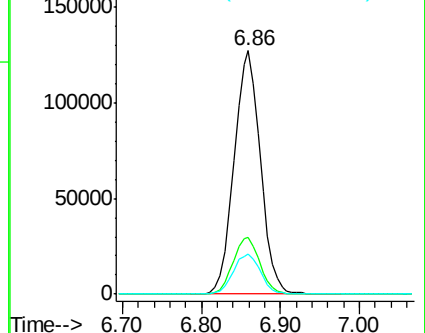
88 16.4 0.0 34.0

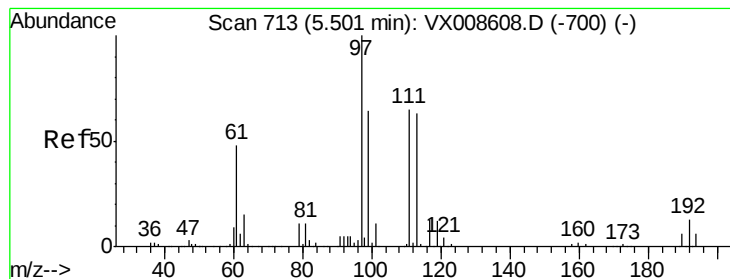


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.263 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

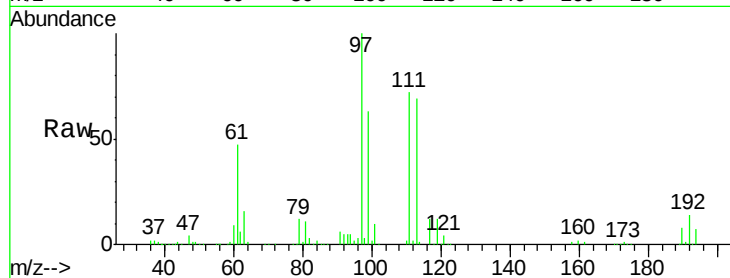
Tot Ion:113 Resp: 94896

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.2

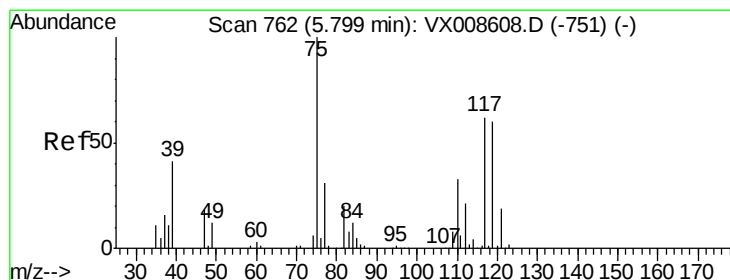
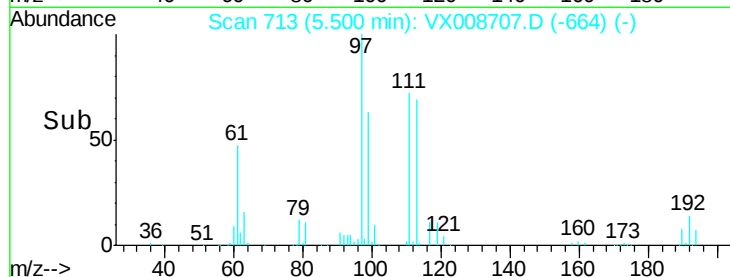
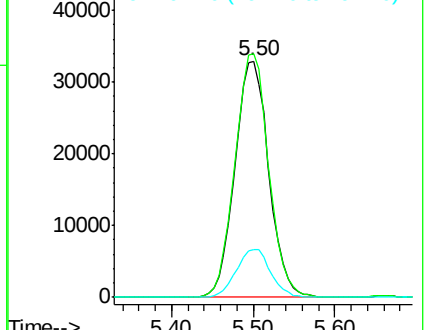
192 20.6 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.141 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

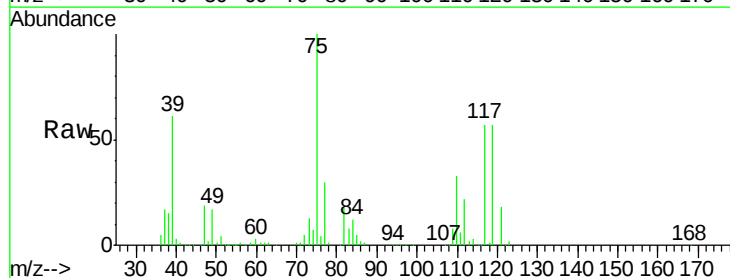
Tgt Ion: 75 Resp: 142479

Ion Ratio Lower Upper

75 100

110 33.1 16.4 49.2

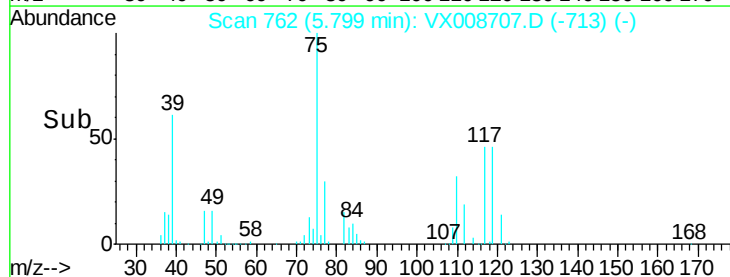
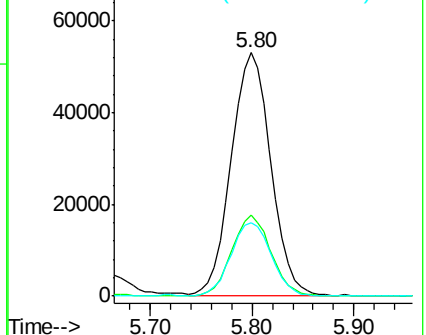
77 31.0 24.7 37.1

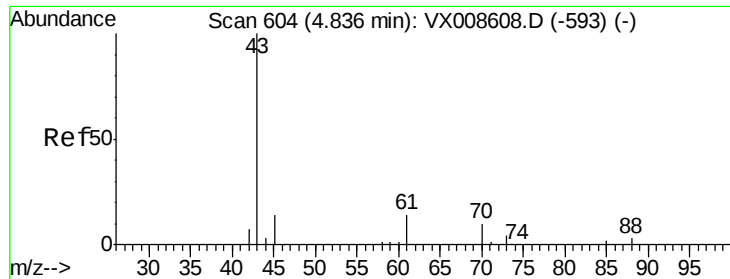


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

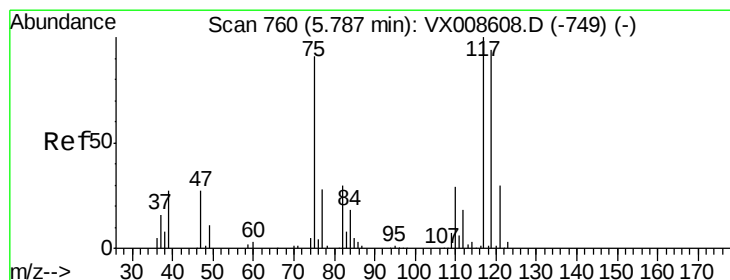
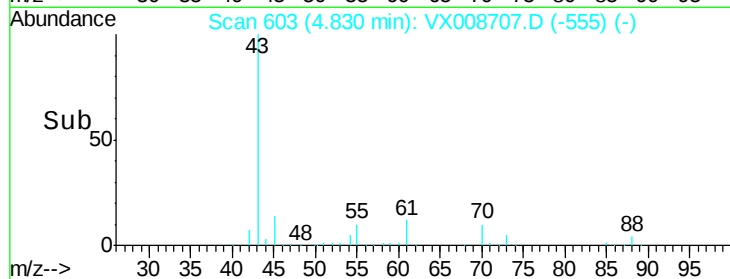
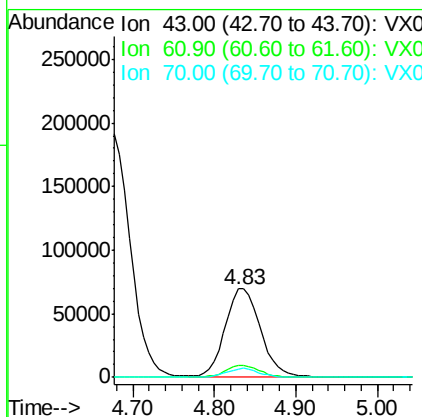
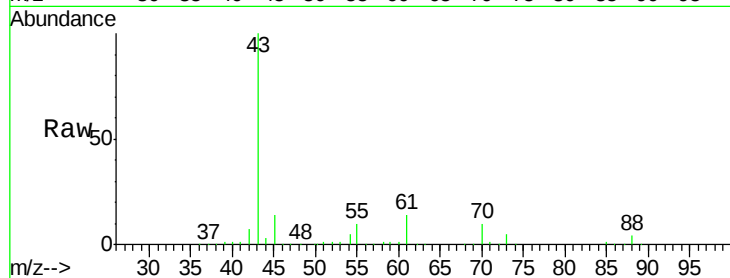




#37
Ethyl Acetate
Concen: 48.119 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

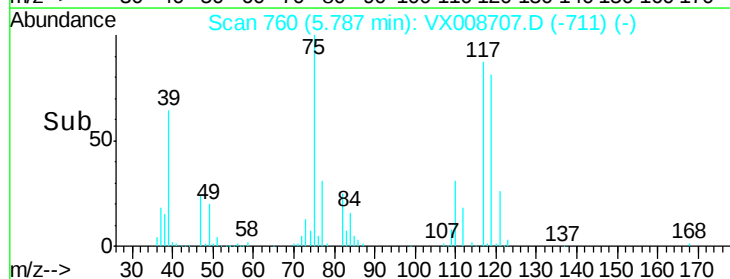
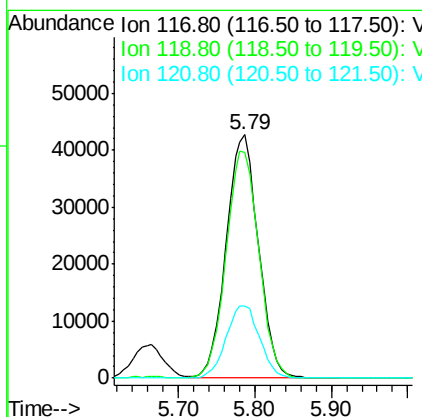
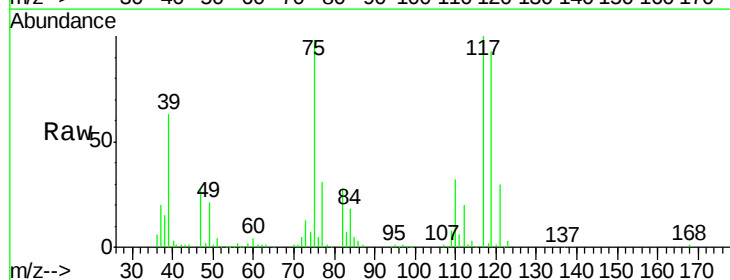
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

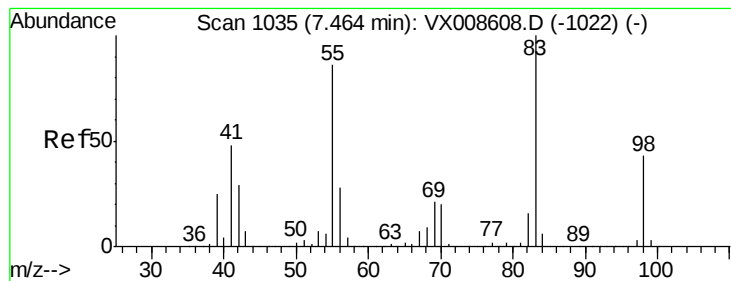
Tot Ion: 43 Resp: 207321
Ion Ratio Lower Upper
43 100
61 13.4 10.3 15.5
70 9.6 7.6 11.4



#38
Carbon Tetrachloride
Concen: 46.590 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

Tgt Ion: 117 Resp: 124469
Ion Ratio Lower Upper
117 100
119 93.0 75.0 112.6
121 29.7 24.3 36.5





#39

Methvlcvclohexane

Concen: 43.313 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

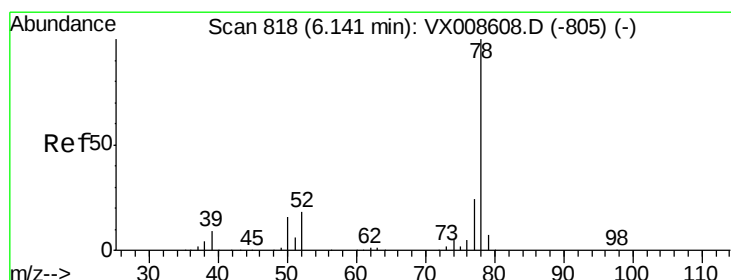
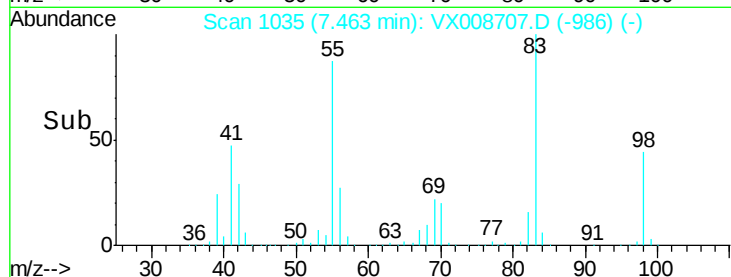
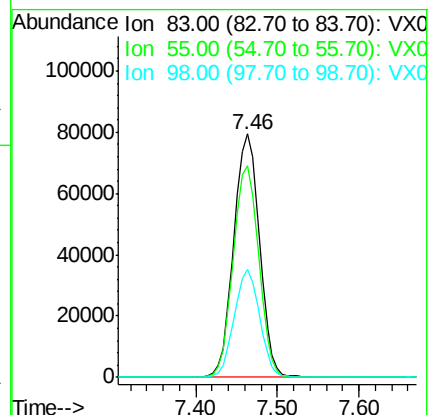
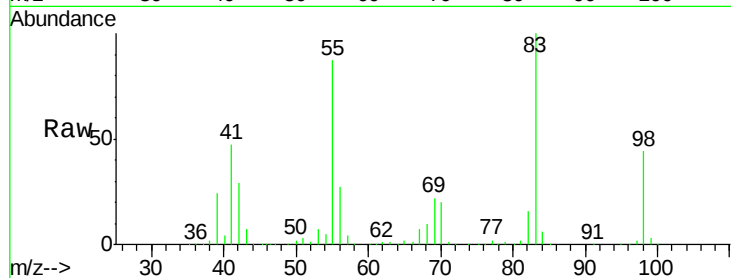
Tot Ion: 83 Resp: 172706

Ion Ratio Lower Upper

83 100

55 86.9 69.0 103.6

98 44.1 34.4 51.6



#40

Benzene

Concen: 46.064 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008707.D

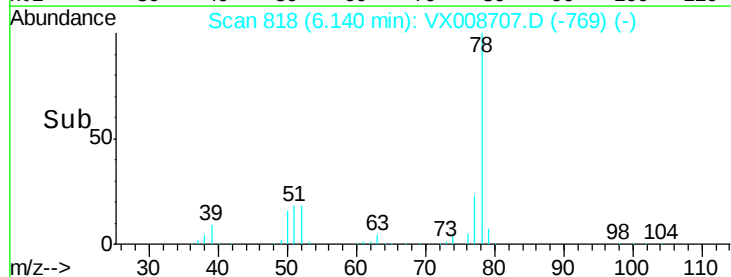
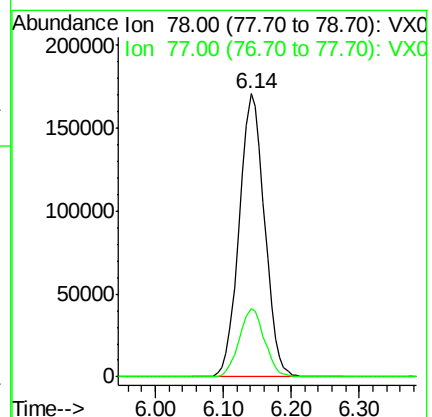
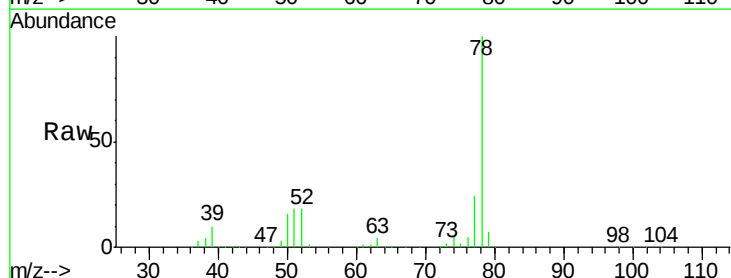
Acq: 06 Apr 2019 01:09

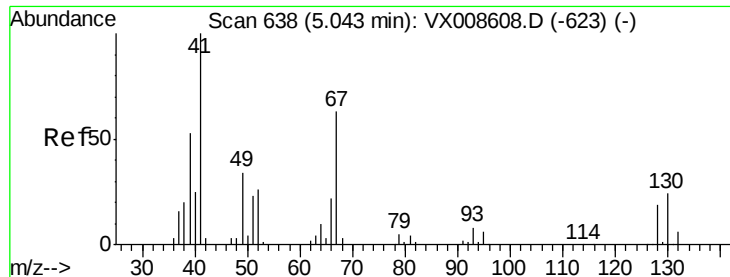
Tgt Ion: 78 Resp: 442953

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7

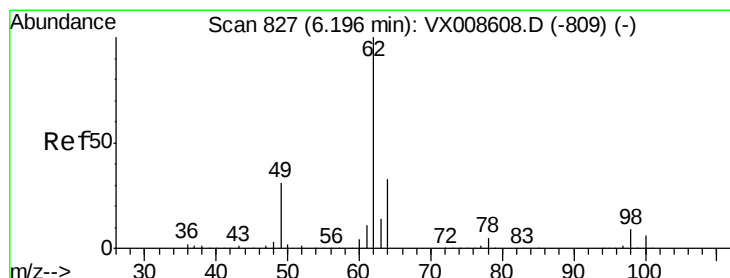
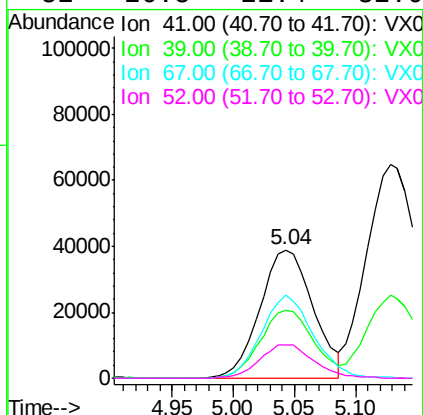
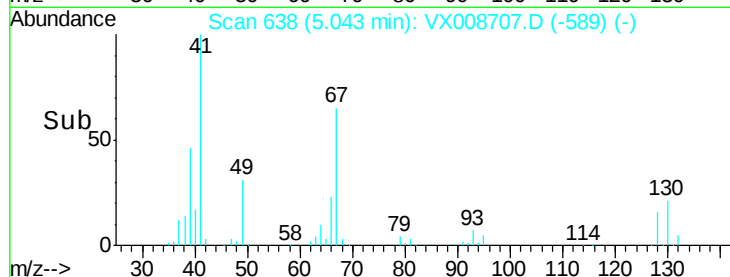
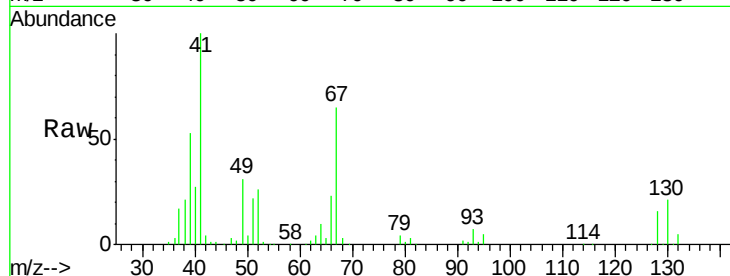




#41
Methacrylonitrile
Concen: 47.298 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

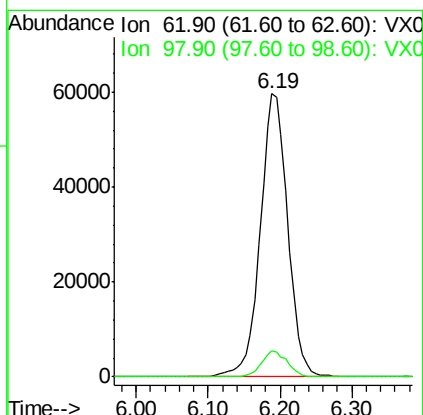
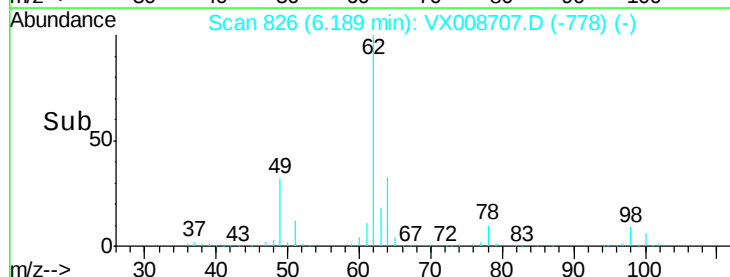
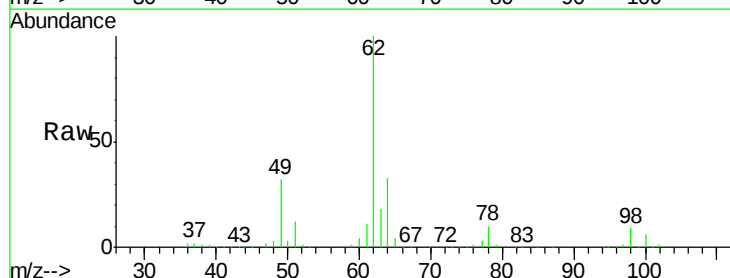
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

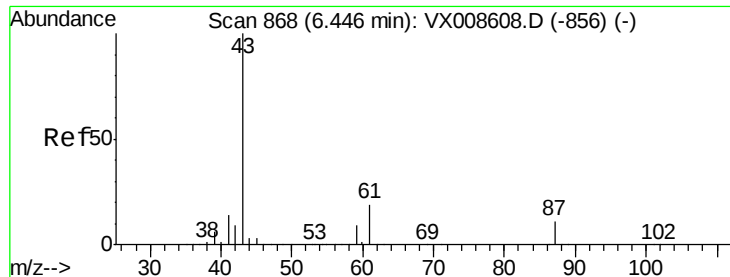
Tot Ion:	41	Resp:	117135
Ion	Ratio	Lower	Upper
41	100		
39	53.3	42.1	63.1
67	63.9	51.0	76.6
52	26.5	21.4	32.0



#42
1,2-Dichloroethane
Concen: 45.760 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

Tgt Ion:	62	Resp:	157752
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.0



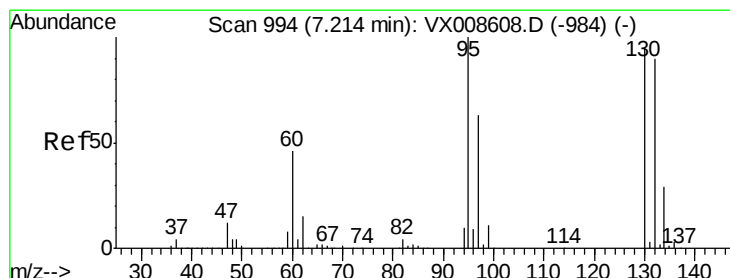
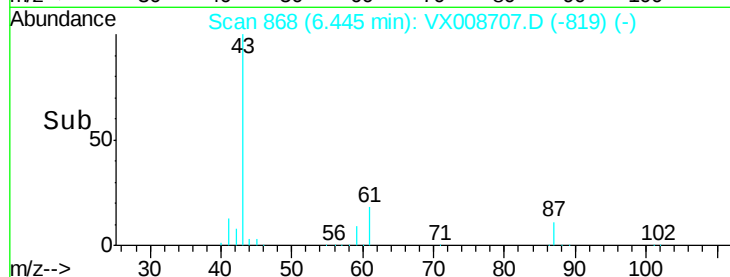
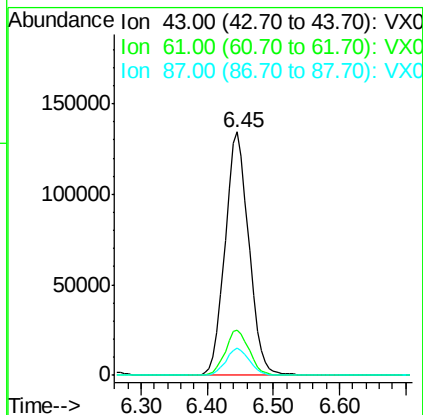
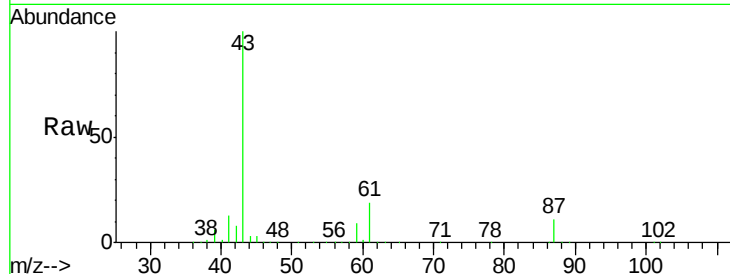


#43

Isopropyl Acetate
 Concen: 49.435 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008707.D
 Acq: 06 Apr 2019 01:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

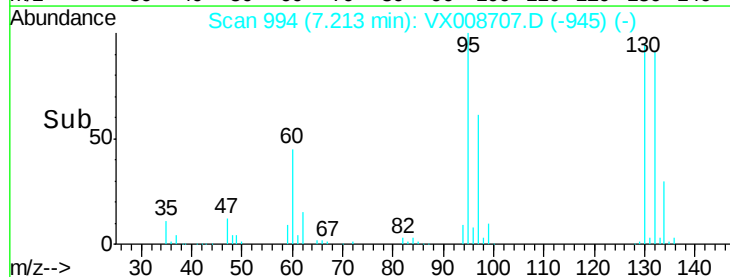
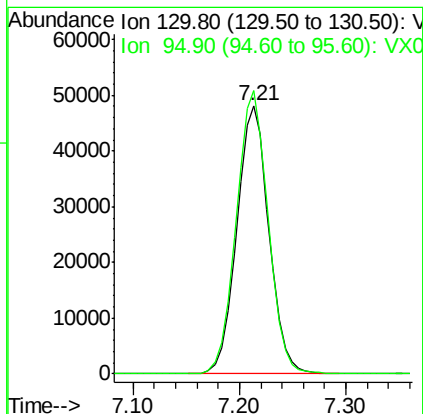
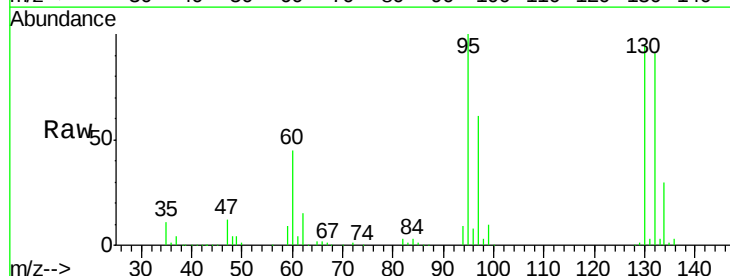
Tot Ion: 43 Resp: 333647
 Ion Ratio Lower Upper
 43 100
 61 18.7 15.3 22.9
 87 11.1 9.0 13.6

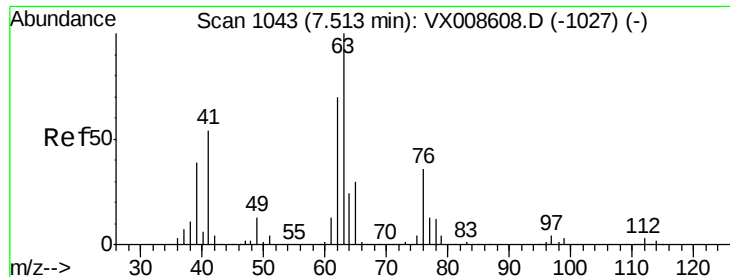


#44

Trichloroethene
 Concen: 45.375 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008707.D
 Acq: 06 Apr 2019 01:09

Tgt Ion:130 Resp: 101624
 Ion Ratio Lower Upper
 130 100
 95 105.5 0.0 209.8





#45

1,2-Dichloropropane

Concen: 46.013 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

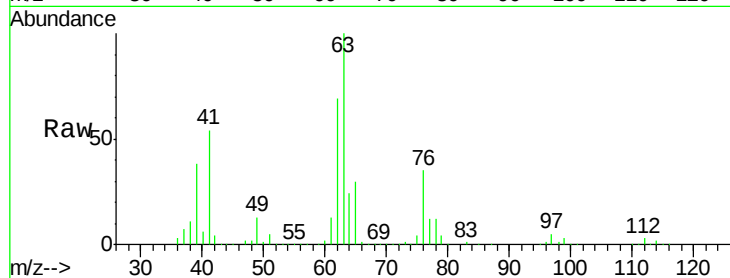
VSTDCCC050EC

Tot Ion: 63 Resp: 126290

Ion Ratio Lower Upper

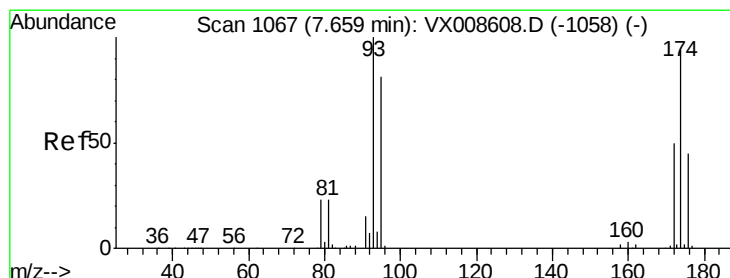
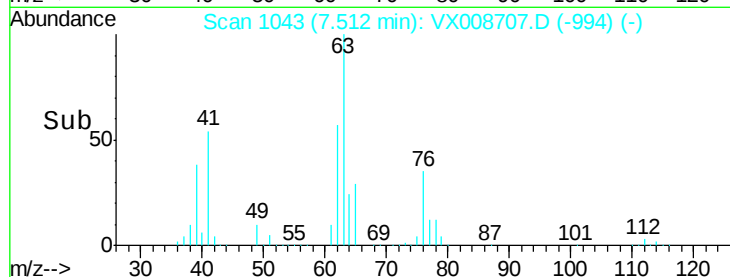
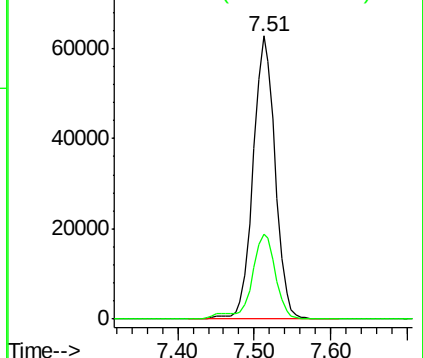
63 100

65 30.0 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 44.770 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

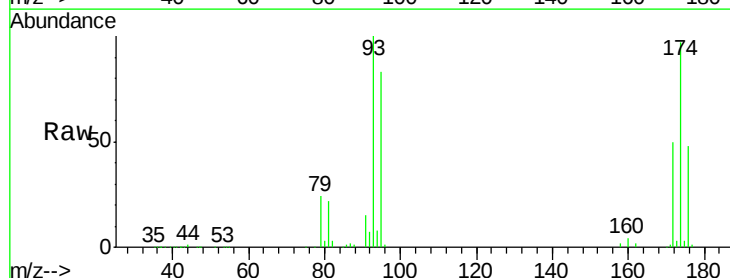
Tgt Ion: 93 Resp: 71267

Ion Ratio Lower Upper

93 100

95 84.0 66.6 99.8

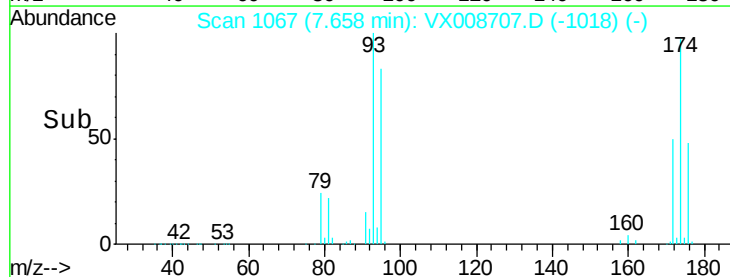
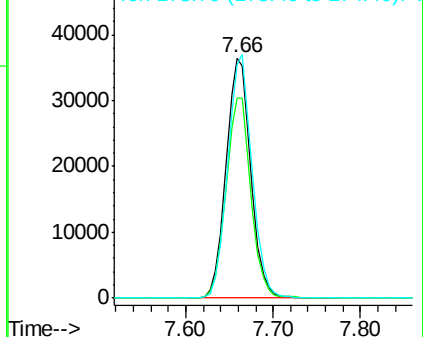
174 100.0 77.7 116.5

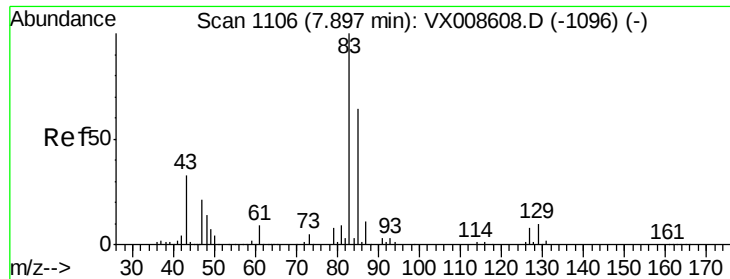


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.726 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

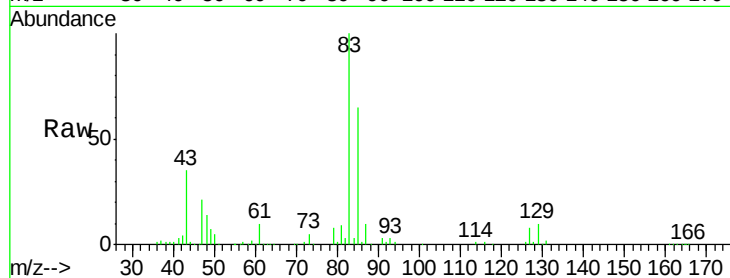
Tot Ion: 83 Resp: 143246

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8

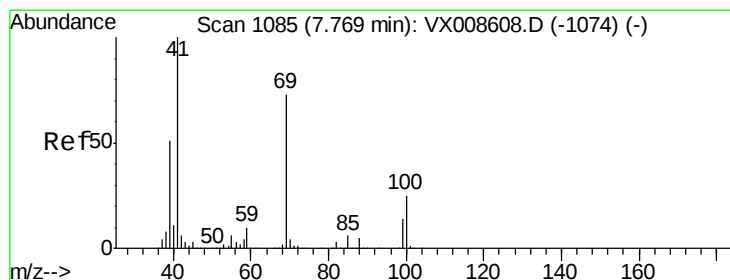
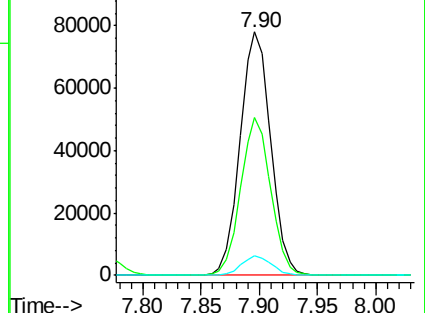
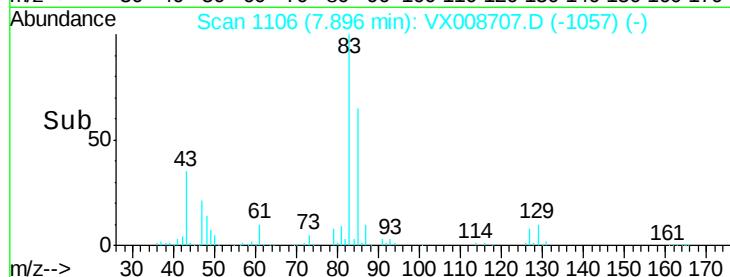
127 8.1 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.028 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

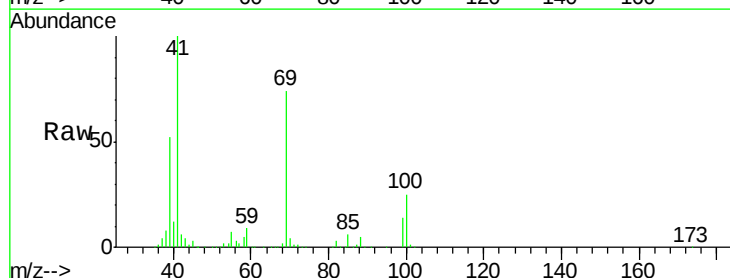
Tgt Ion: 41 Resp: 167388

Ion Ratio Lower Upper

41 100

69 74.2 59.0 88.4

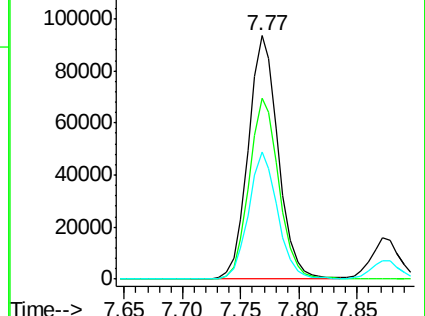
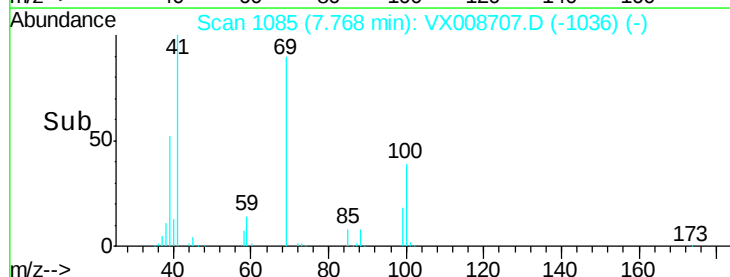
39 50.8 41.0 61.4

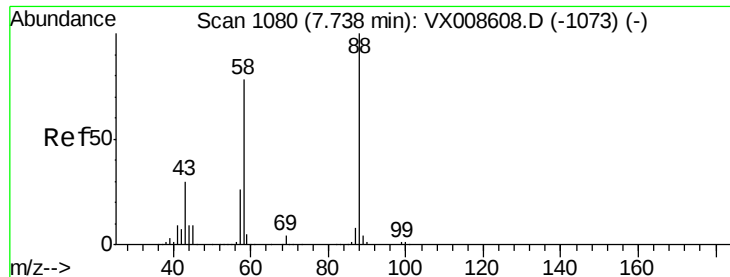


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

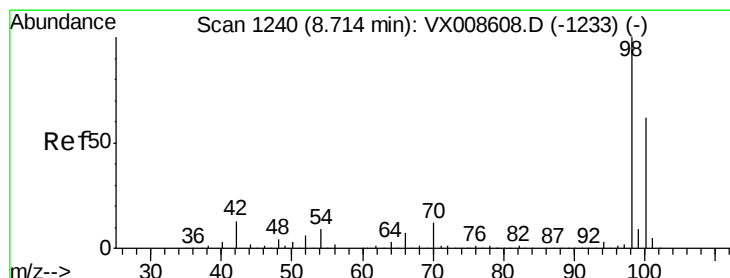
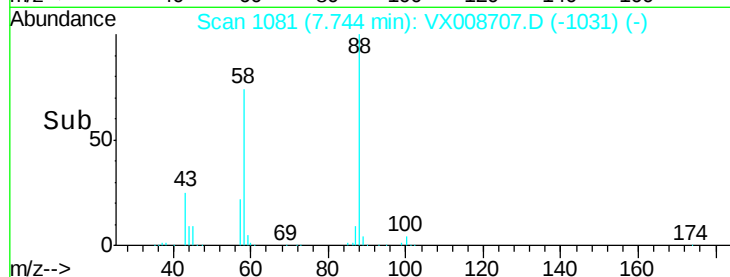
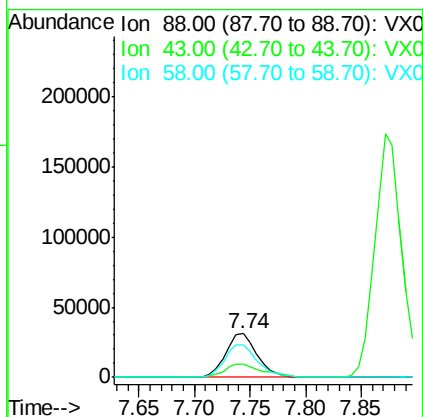
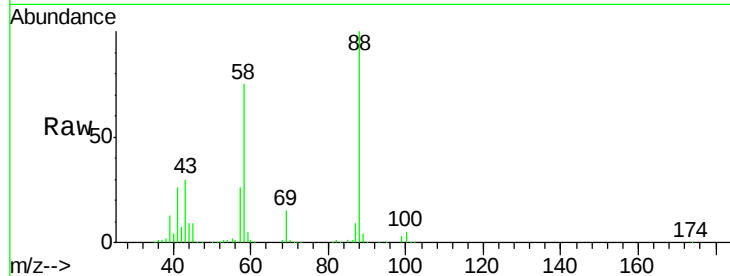




#49
1,4-Dioxane
Concen: 959.441 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

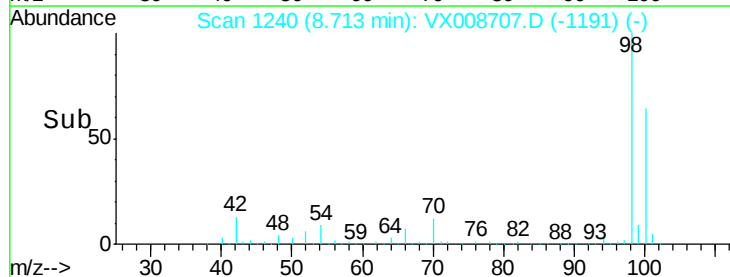
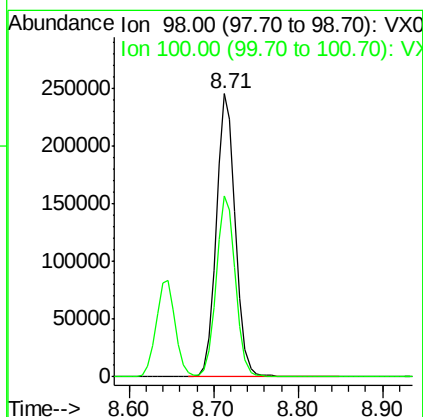
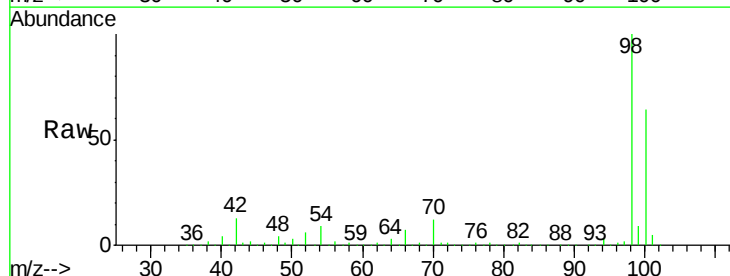
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

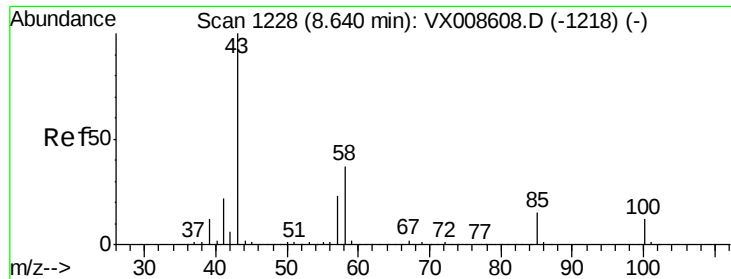
Tot Ion: 88 Resp: 61362
Ion Ratio Lower Upper
88 100
43 35.9 28.6 43.0
58 78.3 62.2 93.2



#50
Toluene-d8
Concen: 50.894 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

Tgt Ion: 98 Resp: 382595
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 248.385 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

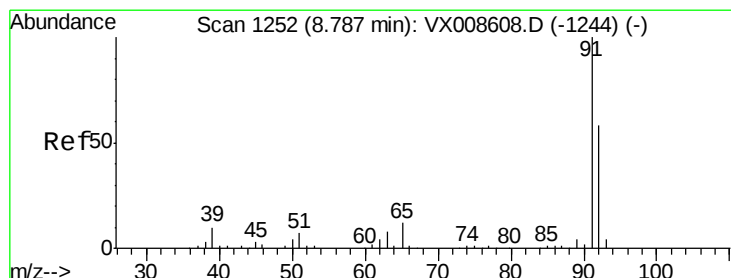
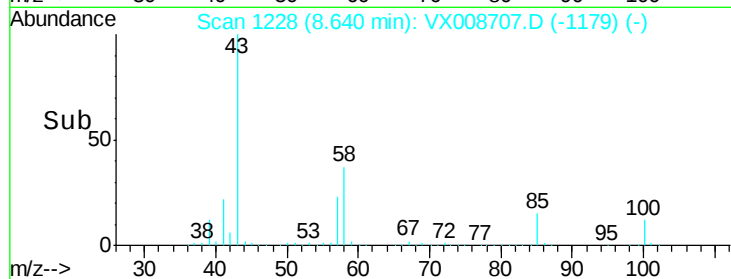
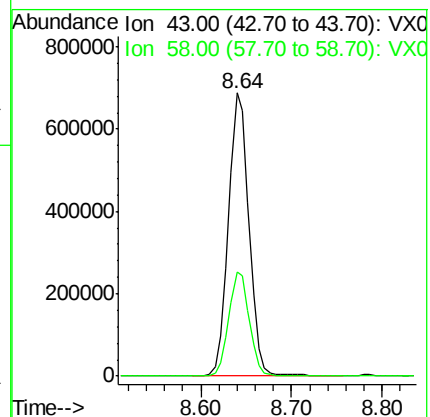
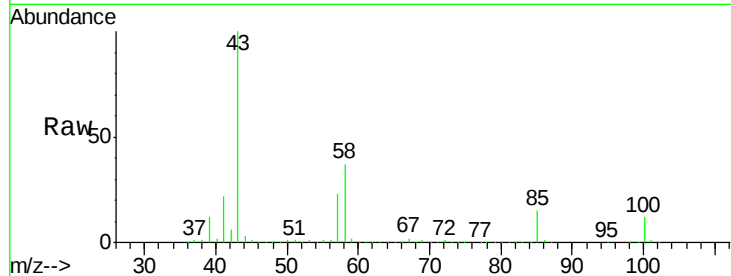
VSTDCCC050EC

Tot Ion: 43 Resp: 1079170

Ion Ratio Lower Upper

43 100

58 36.8 29.5 44.3



#52

Toluene

Concen: 47.178 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008707.D

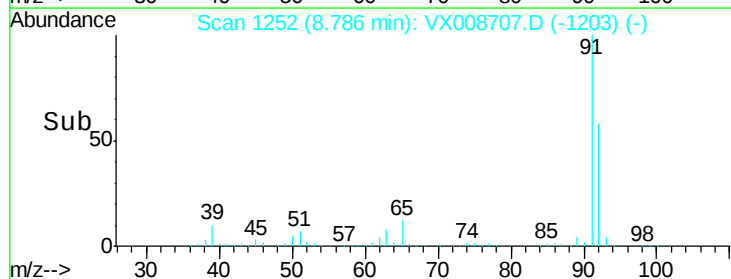
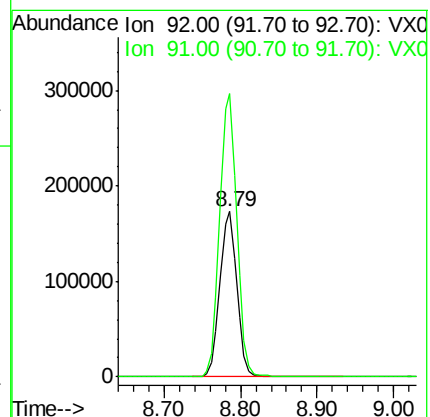
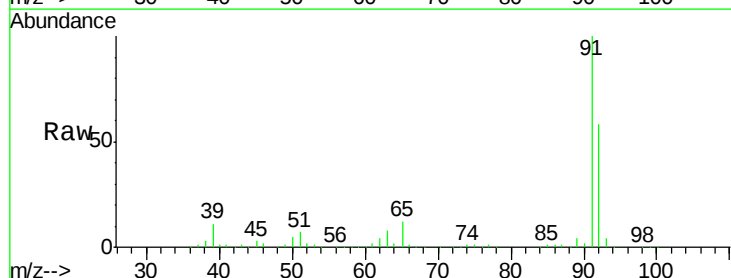
Acq: 06 Apr 2019 01:09

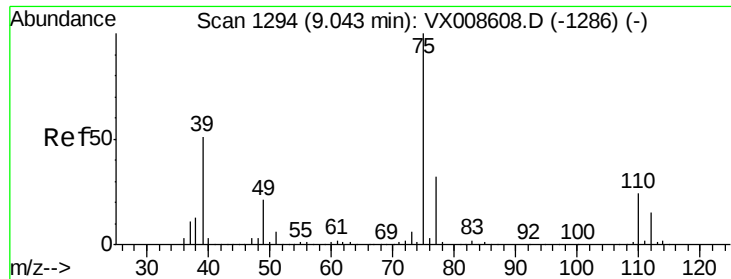
Tgt Ion: 92 Resp: 267460

Ion Ratio Lower Upper

92 100

91 173.0 138.5 207.7

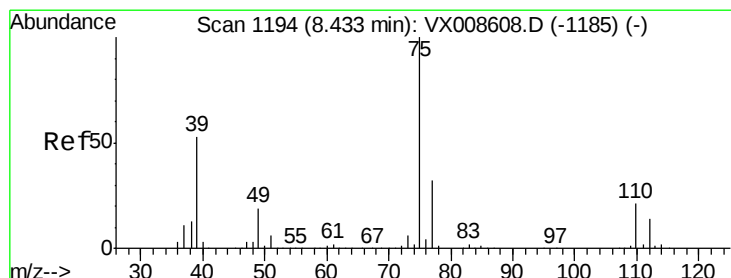
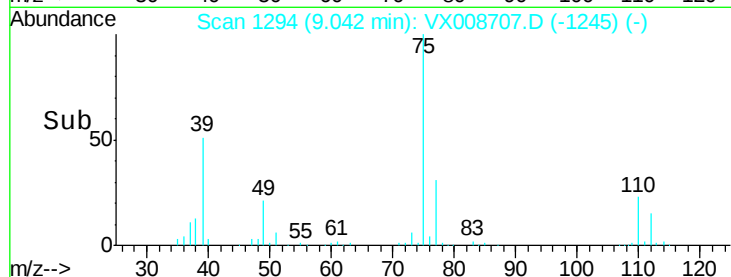
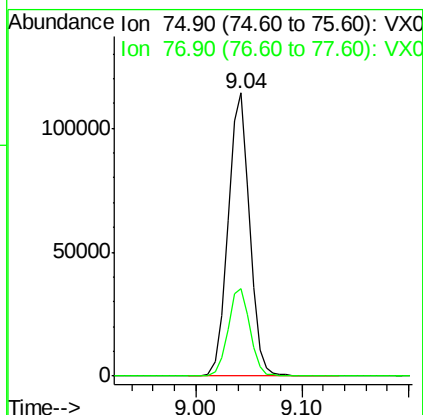
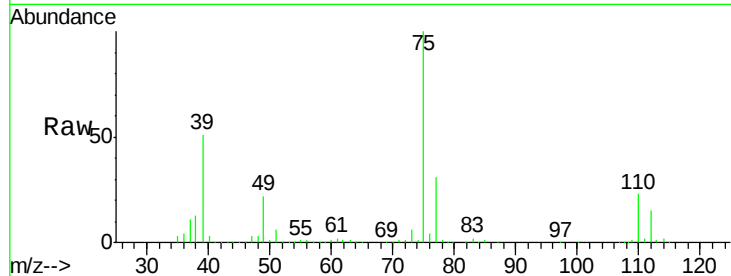




#53
t-1,3-Dichloropropene
Concen: 48.016 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

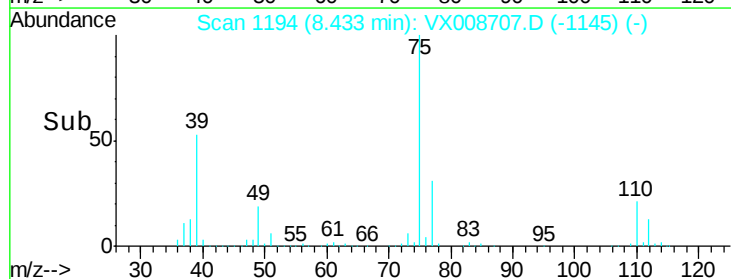
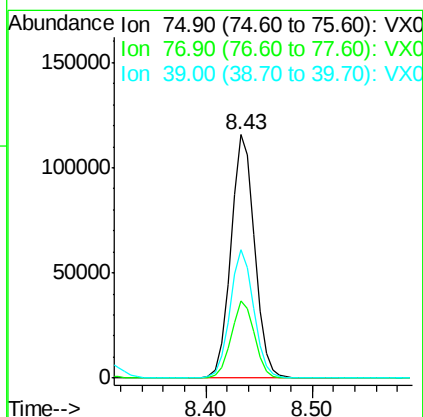
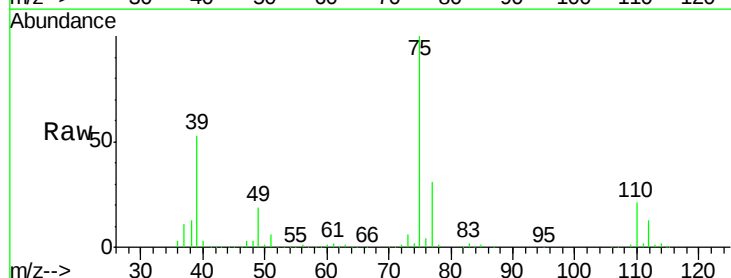
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

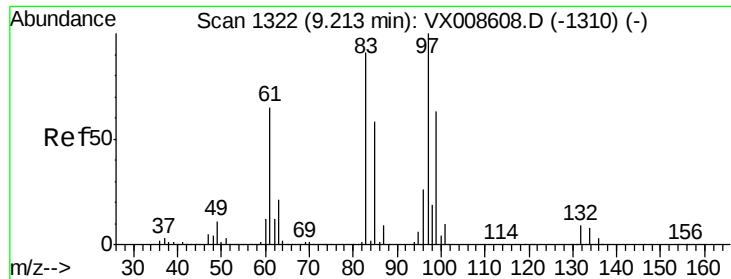
Tot Ion: 75 Resp: 161436
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 47.145 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

Tgt Ion: 75 Resp: 181119
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 52.8 42.6 63.8

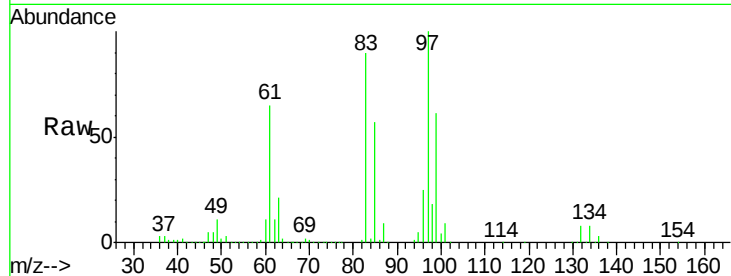




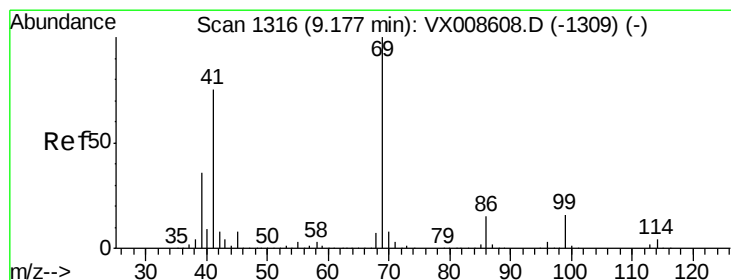
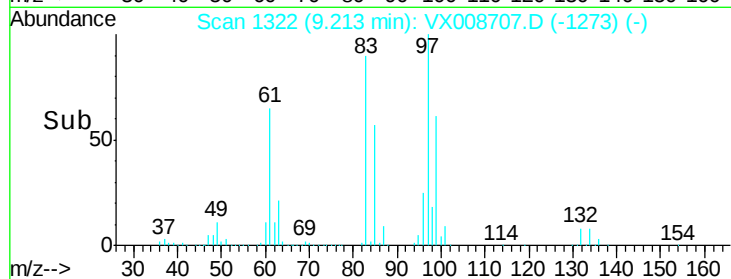
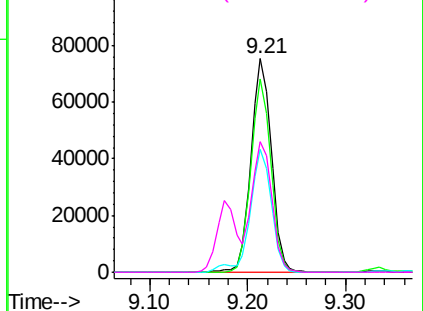
#55
 1,1,2-Trichloroethane
 Concen: 48.075 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008707.D
 Acq: 06 Apr 2019 01:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	109401
Ion	Ratio	Lower	Upper
97	100		
83	90.3	73.2	109.8
85	57.3	46.6	69.8
99	61.3	50.1	75.1

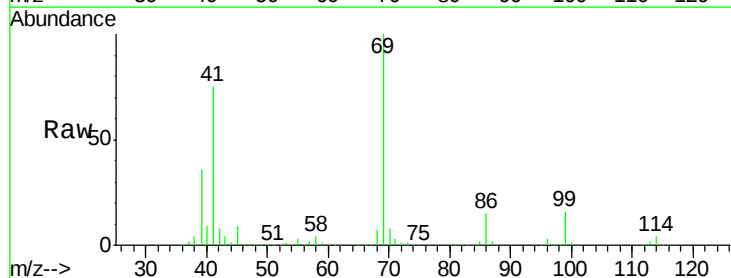


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

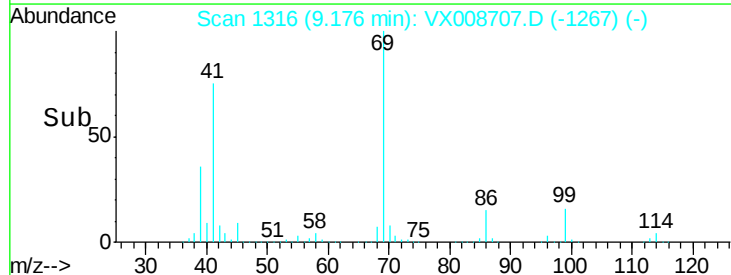
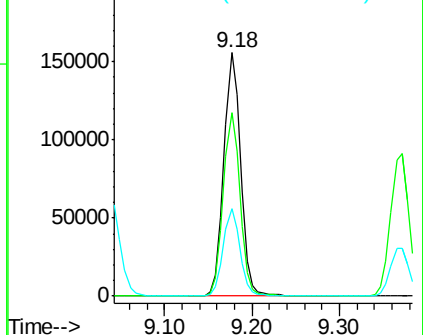


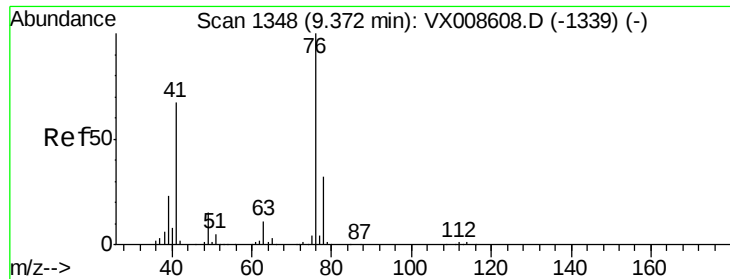
#56
 Ethyl methacrylate
 Concen: 50.395 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008707.D
 Acq: 06 Apr 2019 01:09

Tgt Ion:	69	Resp:	207496
Ion	Ratio	Lower	Upper
69	100		
41	75.0	60.1	90.1
39	35.5	28.9	43.3



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

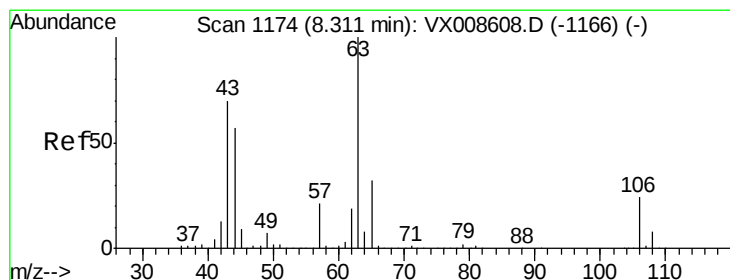
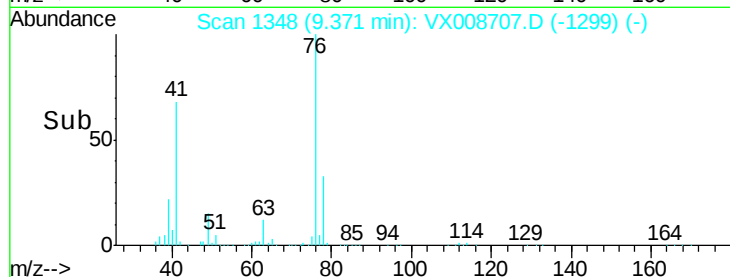
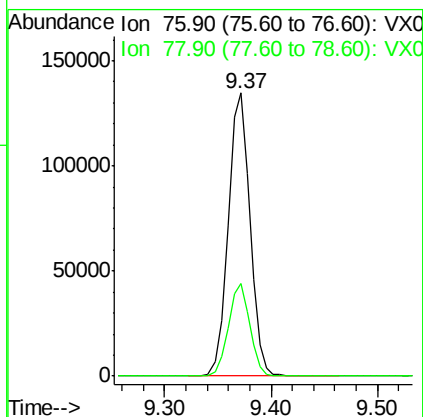
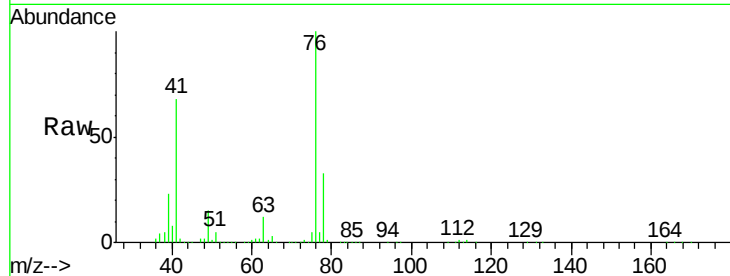




#57
 1,3-Dichloropropane
 Concen: 47.259 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX008707.D
 Acq: 06 Apr 2019 01:09

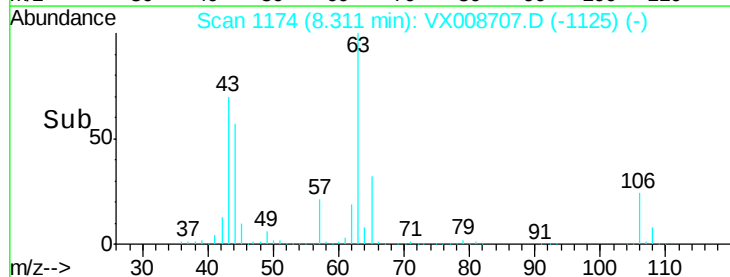
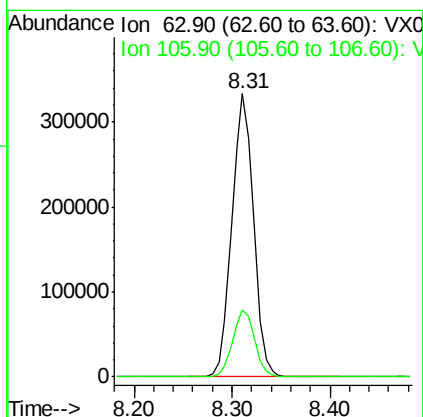
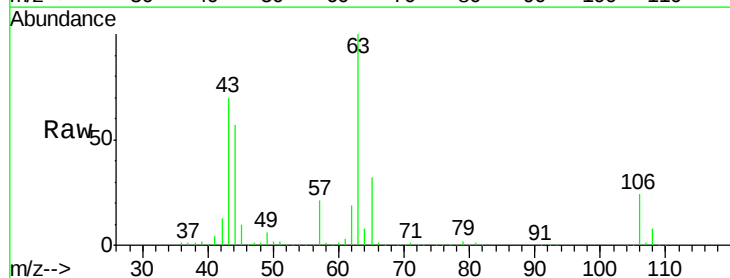
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

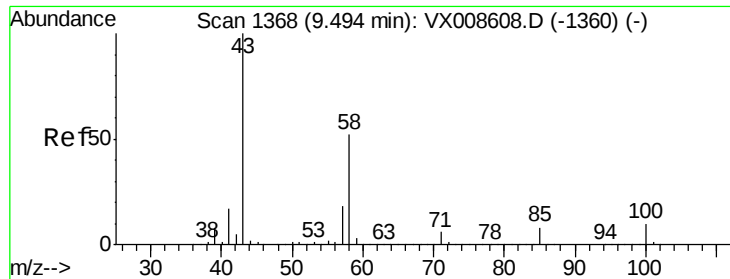
Tot Ion: 76 Resp: 193115
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.960 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX008707.D
 Acq: 06 Apr 2019 01:09

Tgt Ion: 63 Resp: 510805
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.0 28.6

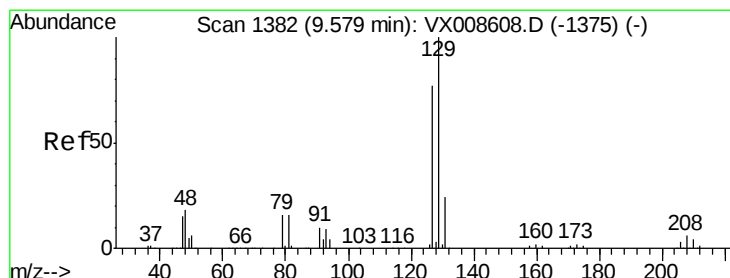
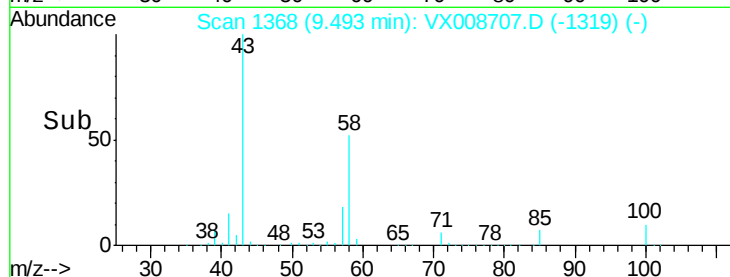
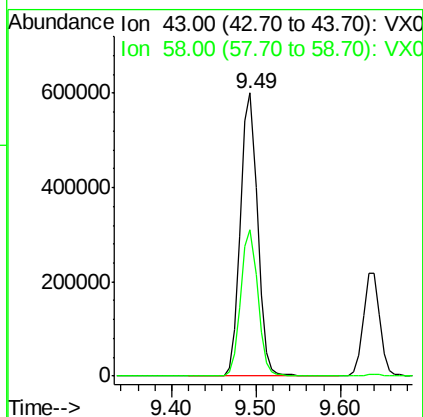
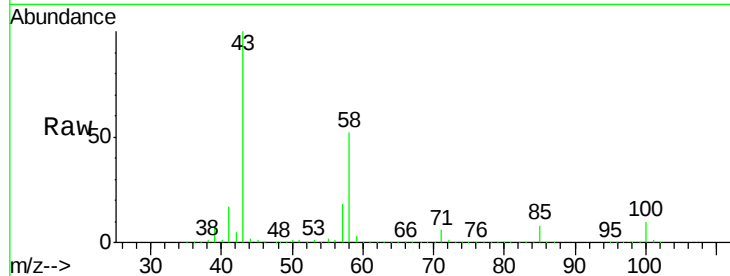




#59
2-Hexanone
Concen: 240.237 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

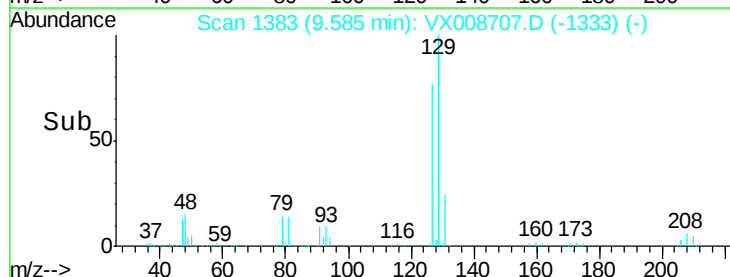
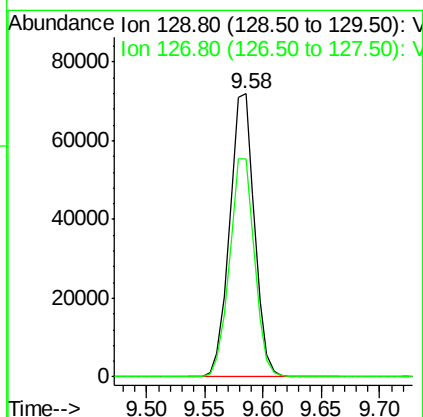
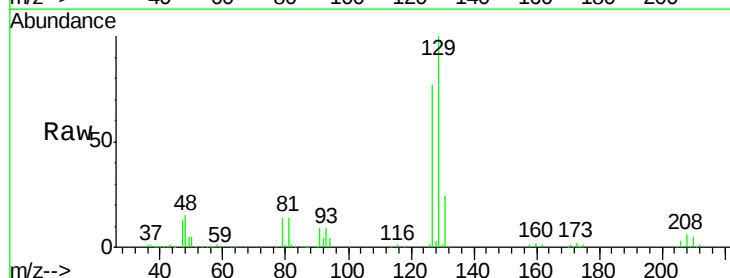
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

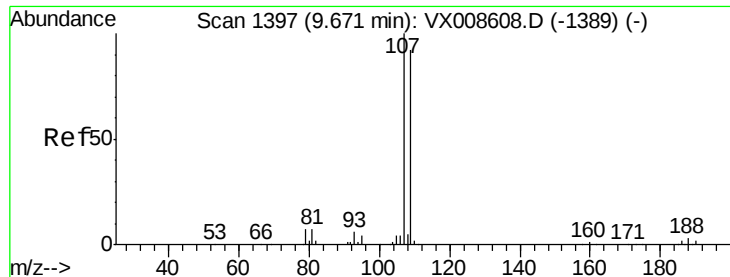
Tot Ion: 43 Resp: 811160
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.7



#60
Dibromochloromethane
Concen: 49.683 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

Tgt Ion:129 Resp: 106540
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 47.381 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

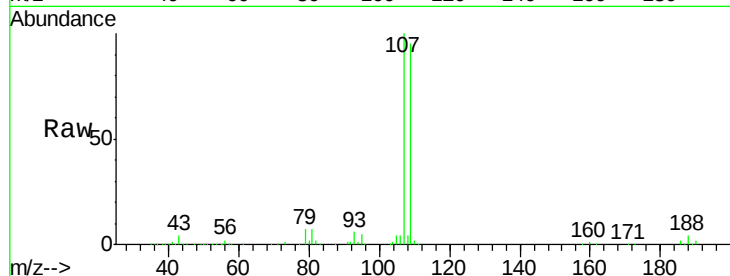
VSTDCCC050EC

Tot Ion:107 Resp: 112247

Ion Ratio Lower Upper

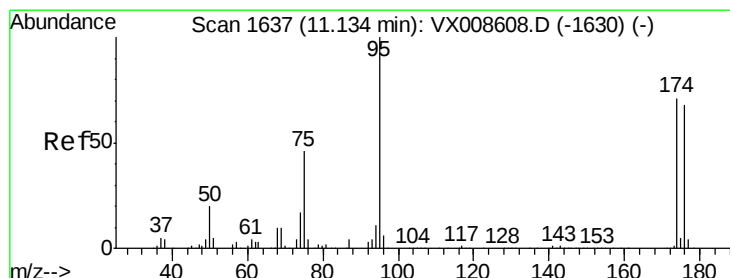
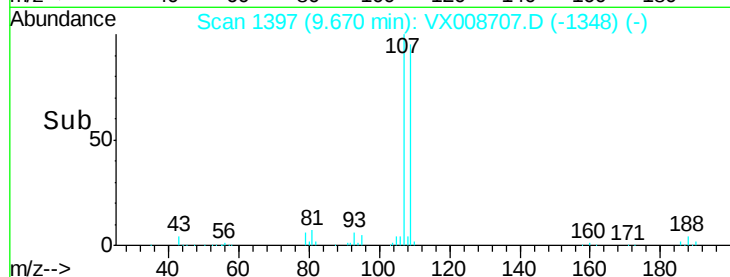
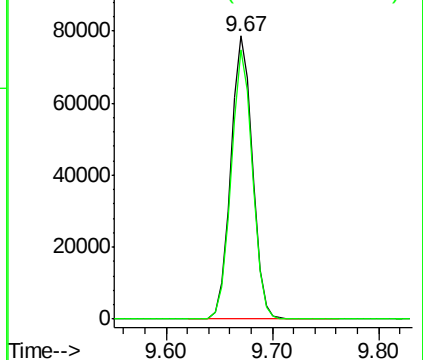
107 100

109 93.7 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.763 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

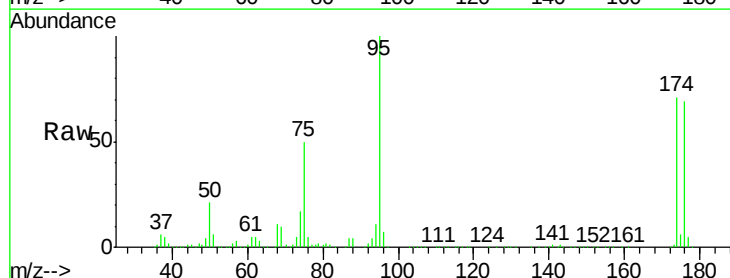
Tgt Ion: 95 Resp: 137989

Ion Ratio Lower Upper

95 100

174 77.0 0.0 151.8

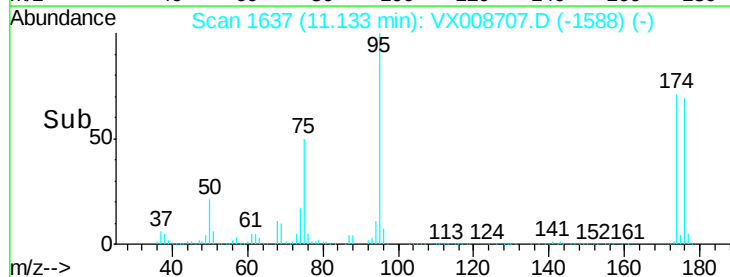
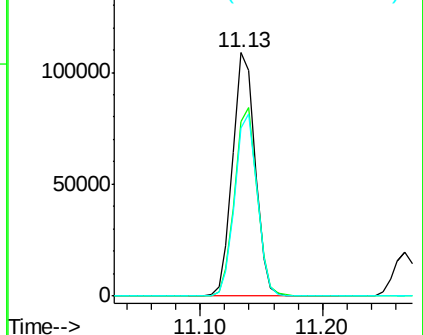
176 74.7 0.0 145.8

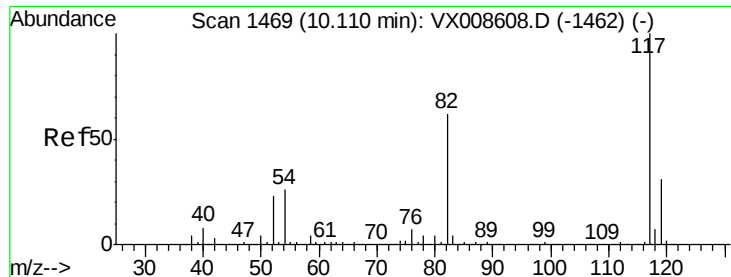


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

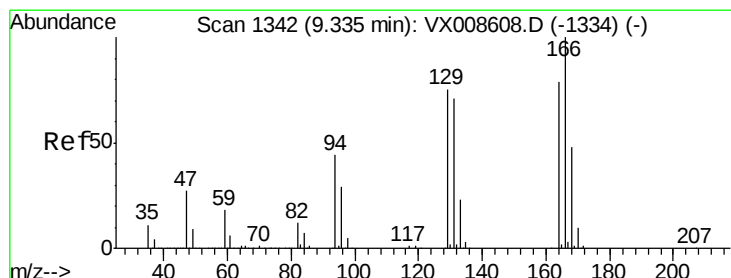
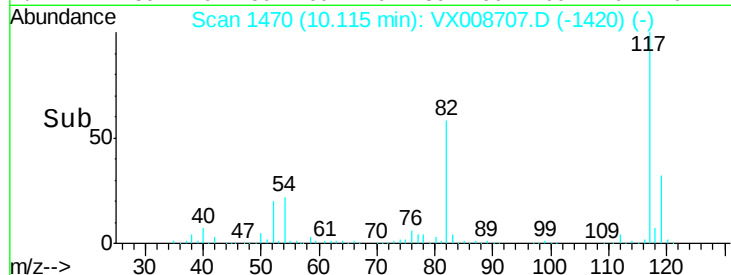
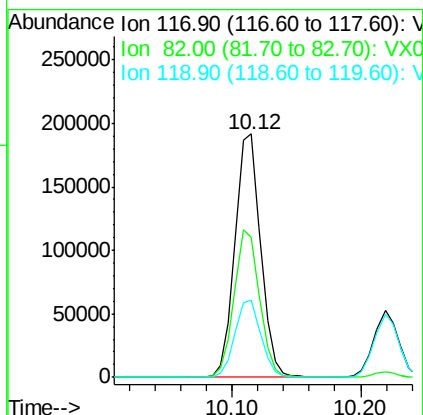
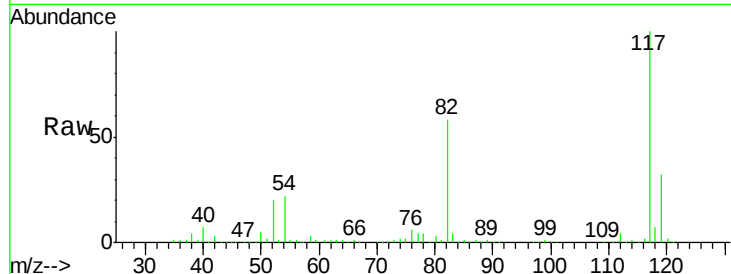




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

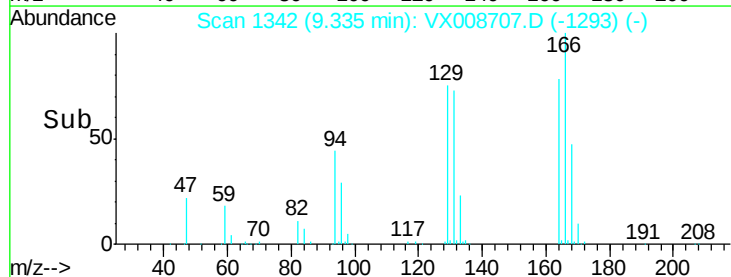
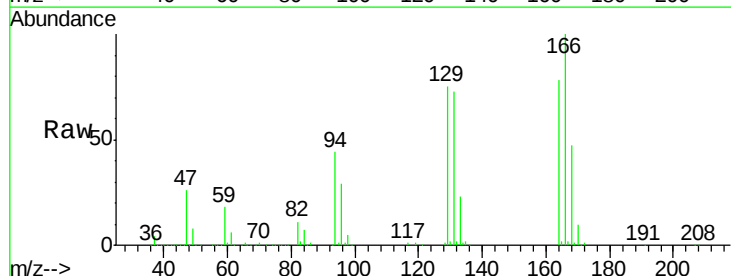
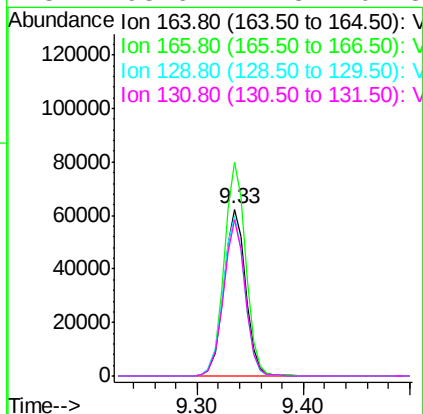
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

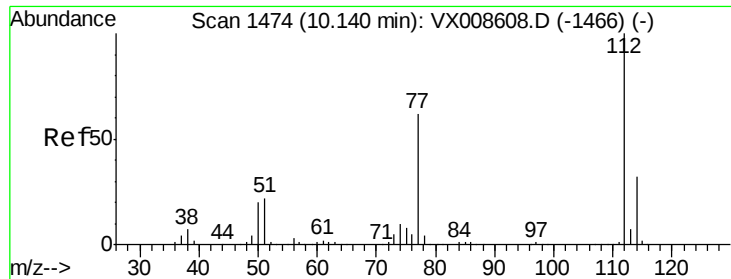
Tot Ion:117 Resp: 266929
Ion Ratio Lower Upper
117 100
82 57.7 49.6 74.4
119 31.9 25.0 37.4



#64
Tetrachloroethene
Concen: 45.037 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

Tgt Ion:164 Resp: 89069
Ion Ratio Lower Upper
164 100
166 128.2 101.0 151.6
129 96.2 75.8 113.8
131 93.6 71.8 107.8





#65

Chlorobenzene

Concen: 46.022 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

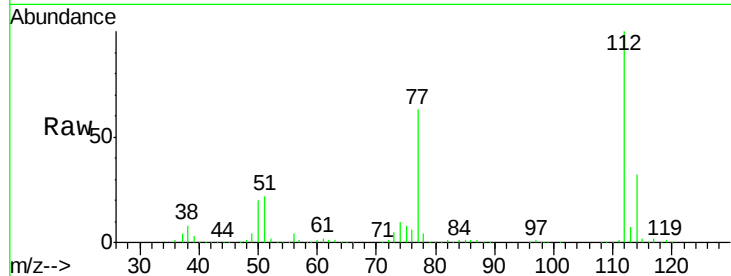
VSTDCCC050EC

Tot Ion:112 Resp: 272308

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

200000

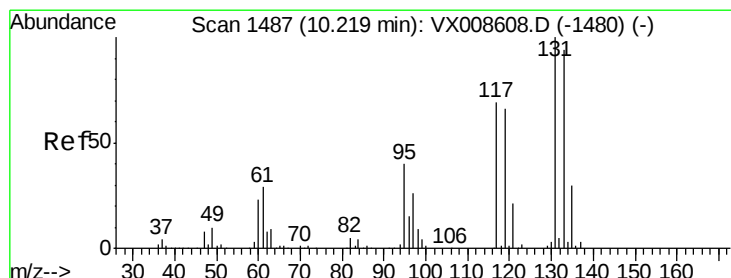
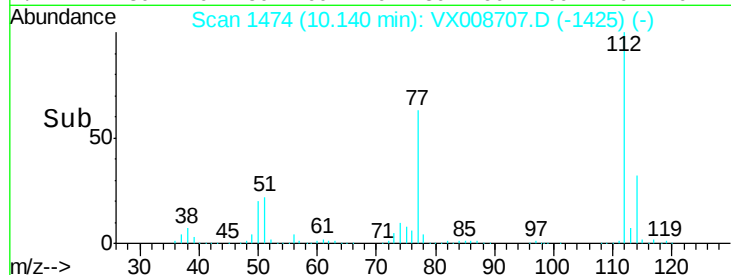
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 47.104 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

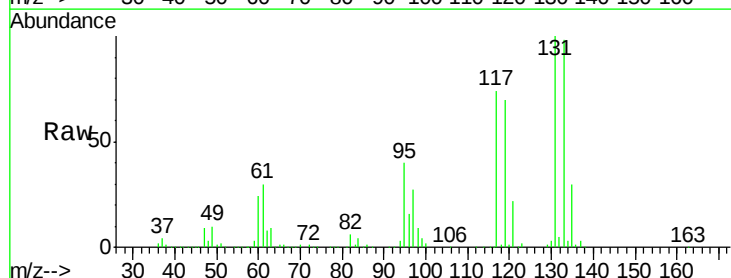
Tgt Ion:131 Resp: 97778

Ion Ratio Lower Upper

131 100

133 95.7 47.0 141.2

119 67.5 33.7 101.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.22

100000

80000

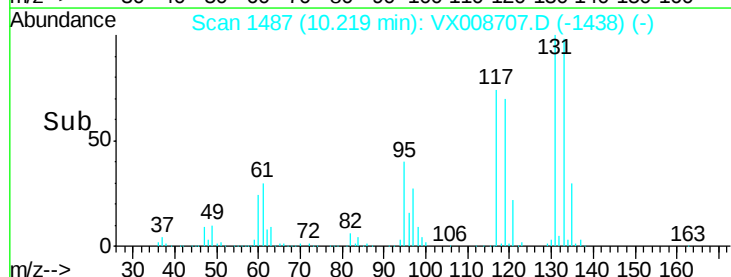
60000

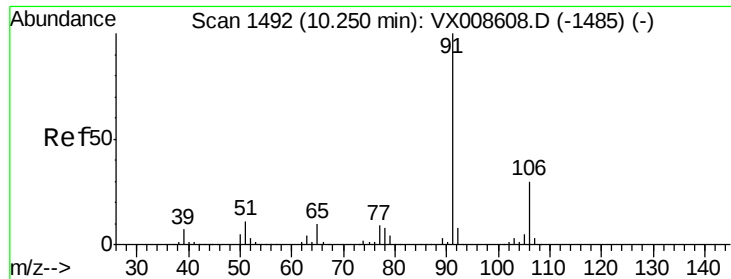
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 46.042 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

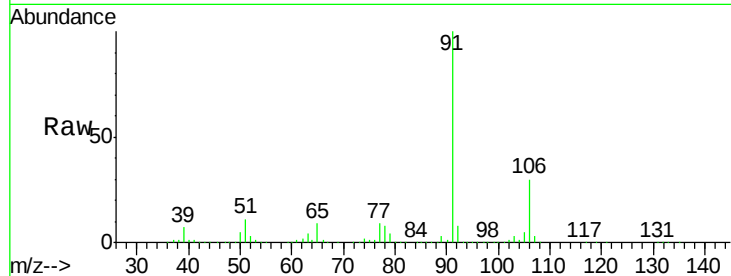
VSTDCCC050EC

Tot Ion: 91 Resp: 507990

Ion Ratio Lower Upper

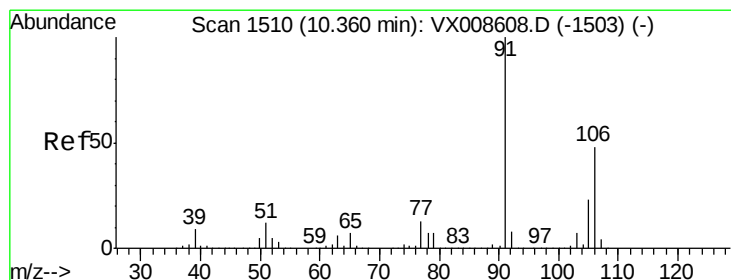
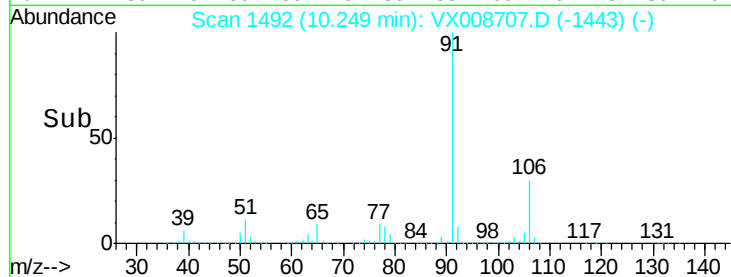
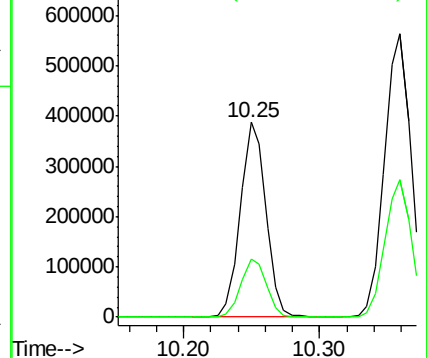
91 100

106 29.6 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 93.655 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008707.D

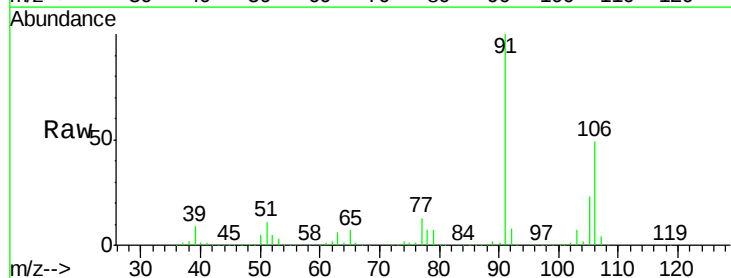
Acq: 06 Apr 2019 01:09

Tgt Ion: 106 Resp: 371533

Ion Ratio Lower Upper

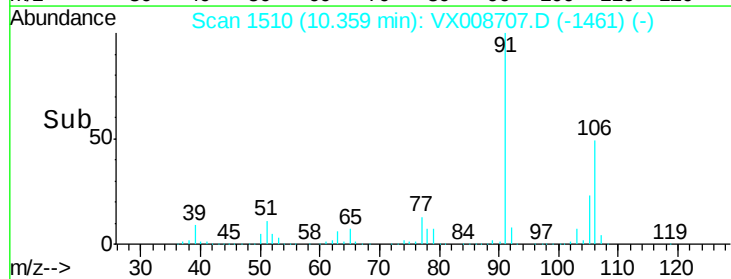
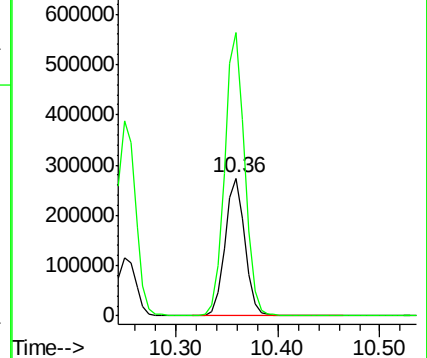
106 100

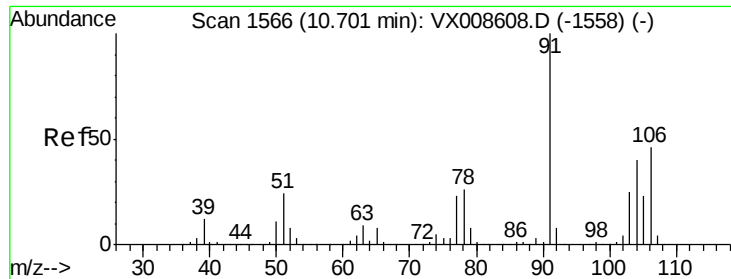
91 207.6 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

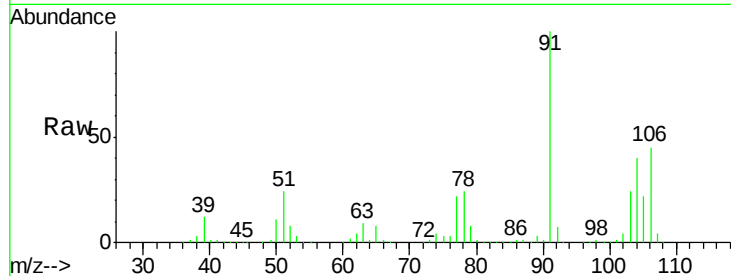




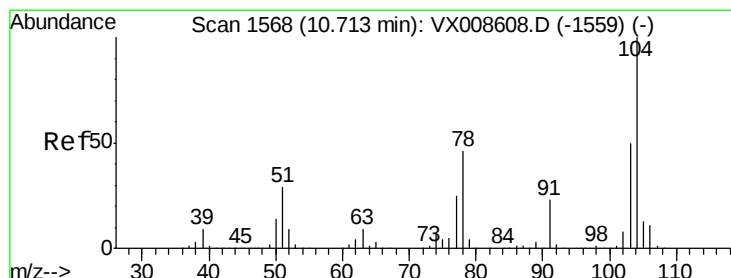
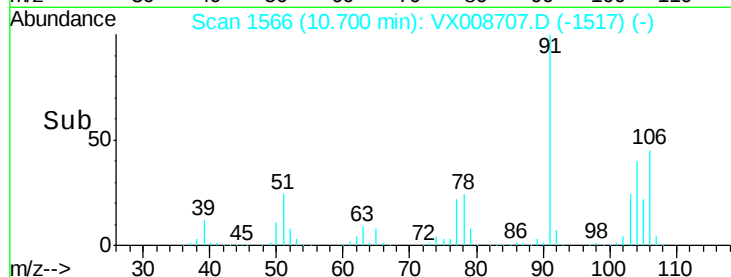
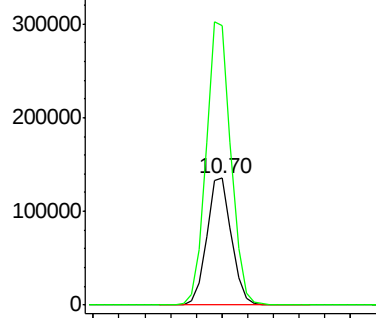
#69
o-Xylene
Concen: 46.934 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 180437
Ion Ratio Lower Upper
106 100
91 223.3 111.5 334.4

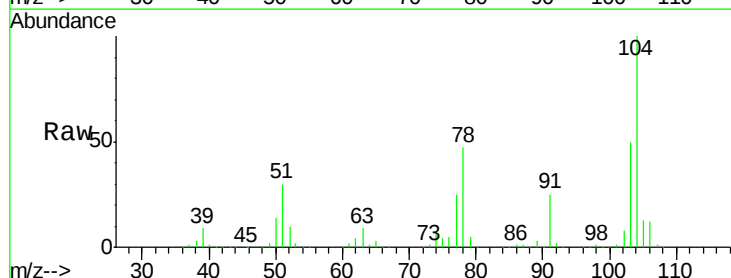


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

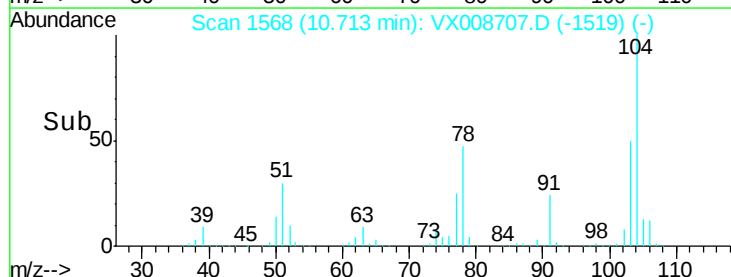
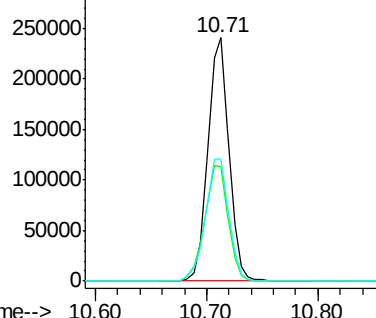


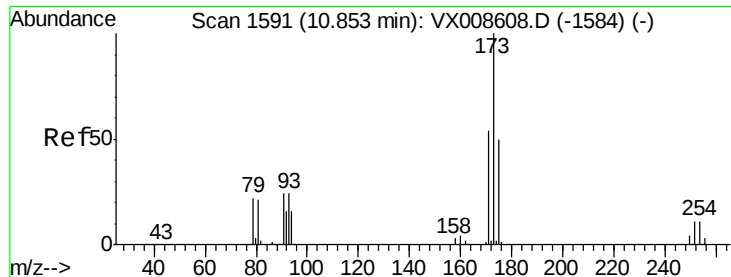
#70
Styrene
Concen: 47.476 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

Tgt Ion:104 Resp: 314625
Ion Ratio Lower Upper
104 100
78 53.1 42.3 63.5
103 55.5 44.4 66.6



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





#71

Bromoform

Concen: 49.413 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

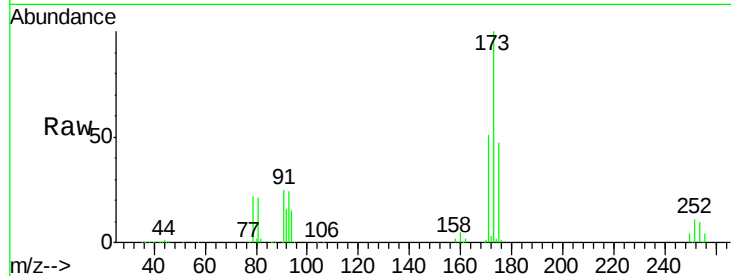
Tot Ion:173 Resp: 78339

Ion Ratio Lower Upper

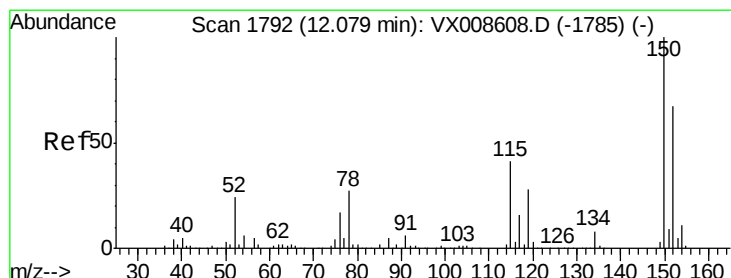
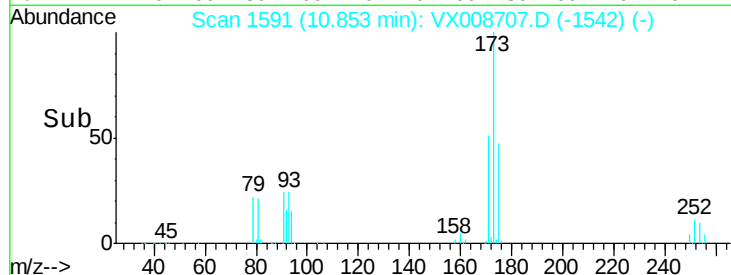
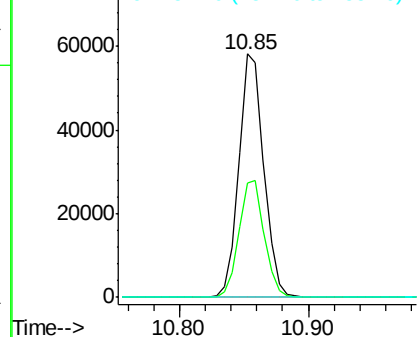
173 100

175 48.9 24.9 74.6

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

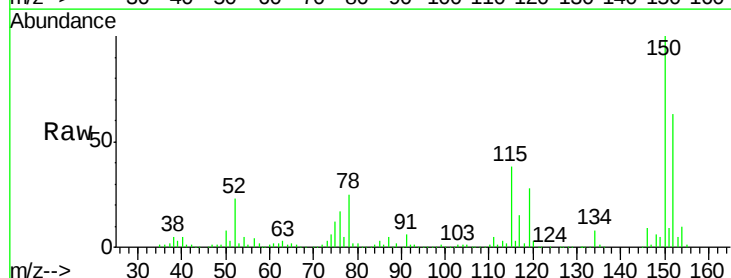
Tgt Ion:152 Resp: 121119

Ion Ratio Lower Upper

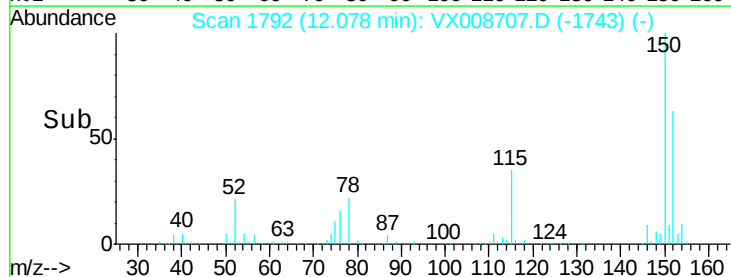
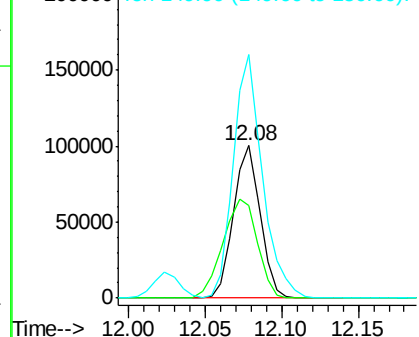
152 100

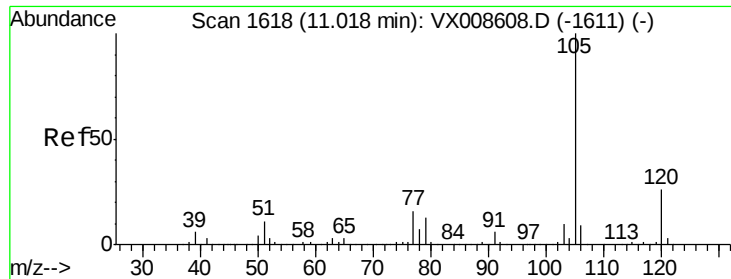
115 84.6 43.5 130.5

150 175.0 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: 47.432 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

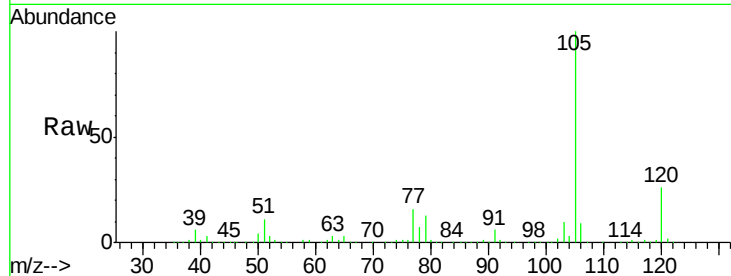
VSTDCCC050EC

Tot Ion:105 Resp: 476099

Ion Ratio Lower Upper

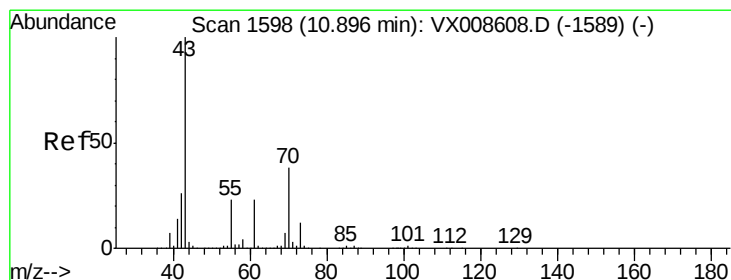
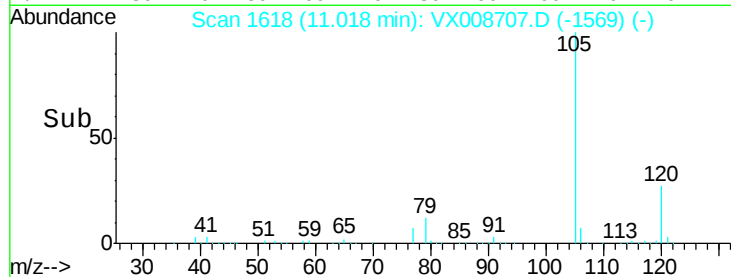
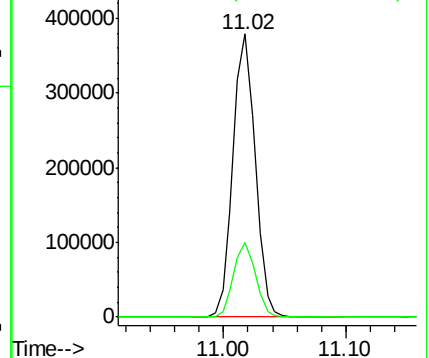
105 100

120 26.0 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.889 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Tgt Ion: 43 Resp: 282809

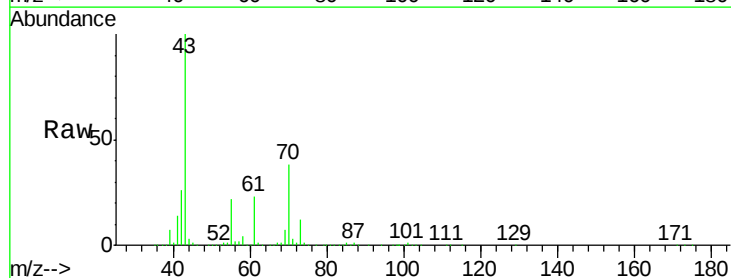
Ion Ratio Lower Upper

43 100

70 38.1 30.2 45.4

55 22.7 18.2 27.4

61 22.8 18.6 28.0

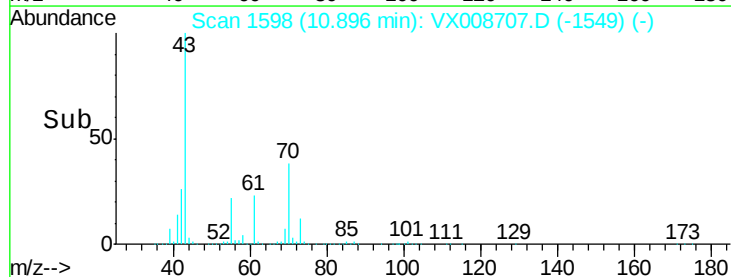
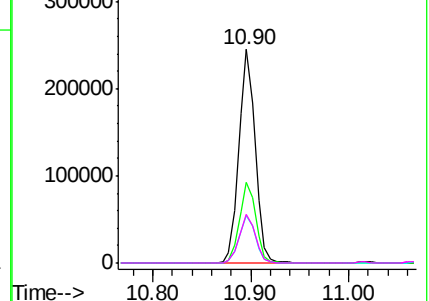


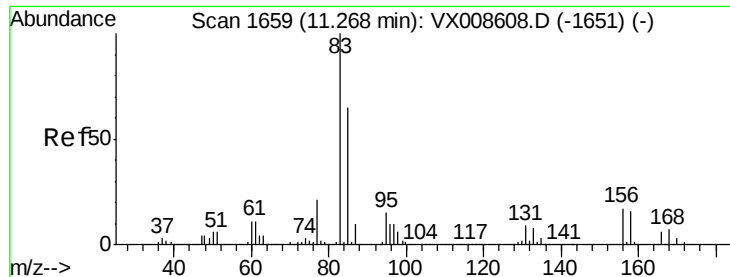
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 45.838 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

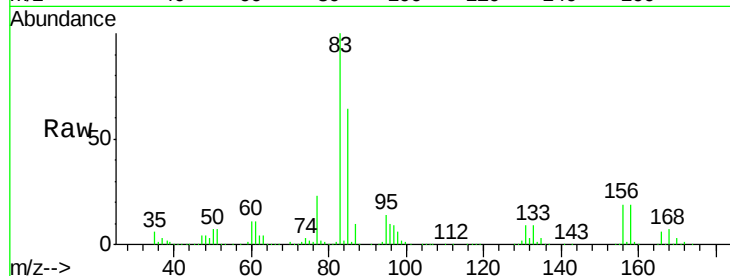
Tot Ion: 83 Resp: 174982

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.7

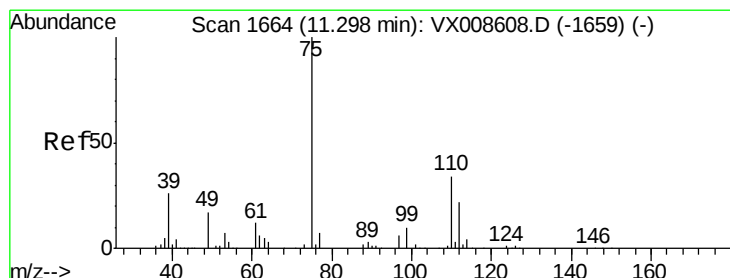
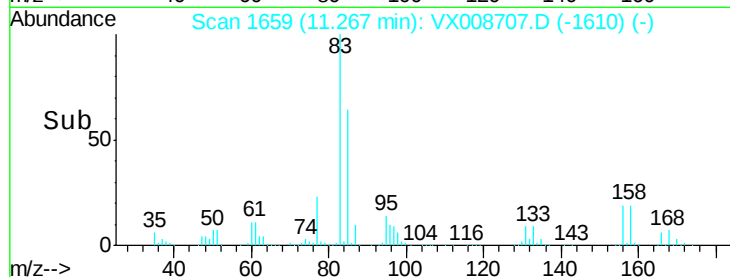
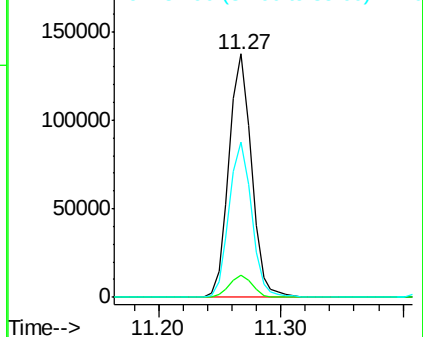
85 64.1 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.515 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008707.D

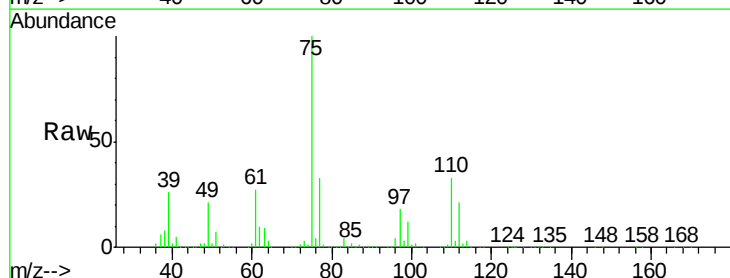
Acq: 06 Apr 2019 01:09

Tgt Ion: 75 Resp: 204675

Ion Ratio Lower Upper

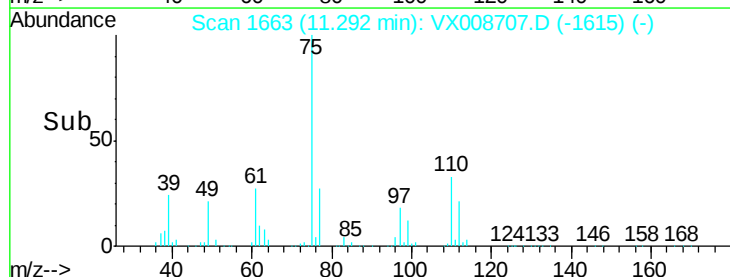
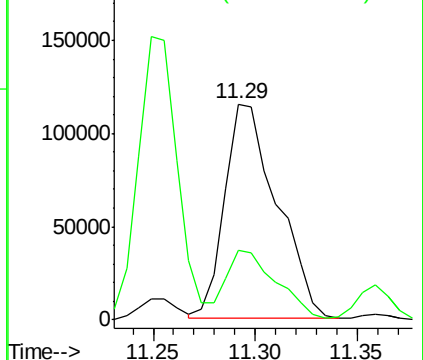
75 100

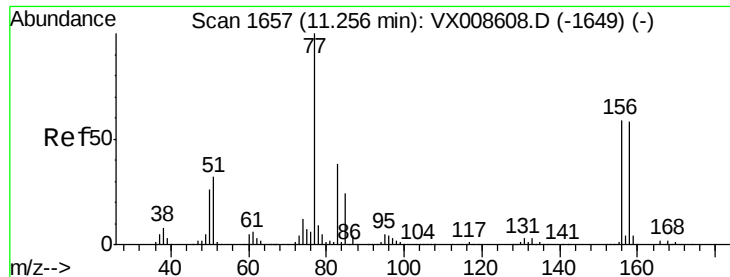
77 32.4 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.169 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

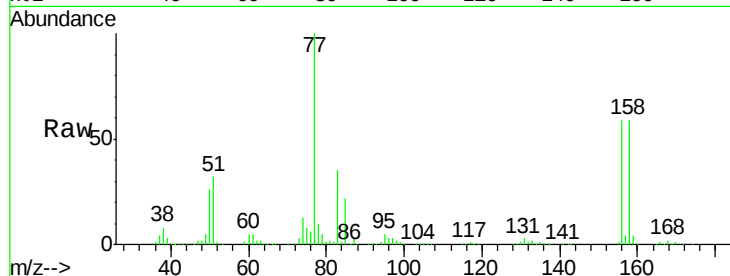
Tot Ion:156 Resp: 113820

Ion Ratio Lower Upper

156 100

77 176.8 89.8 269.6

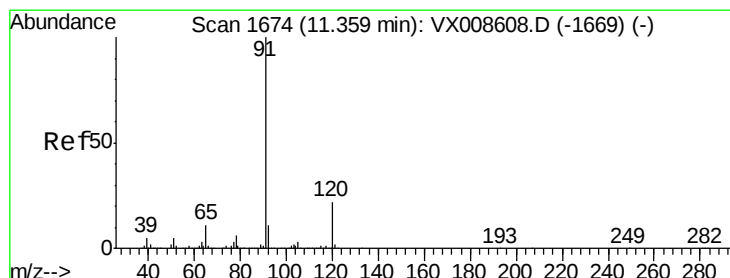
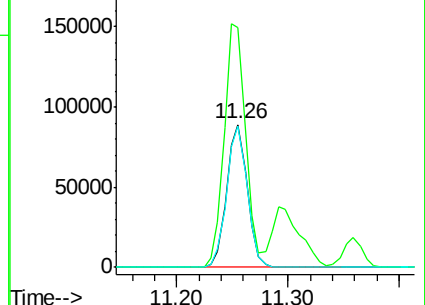
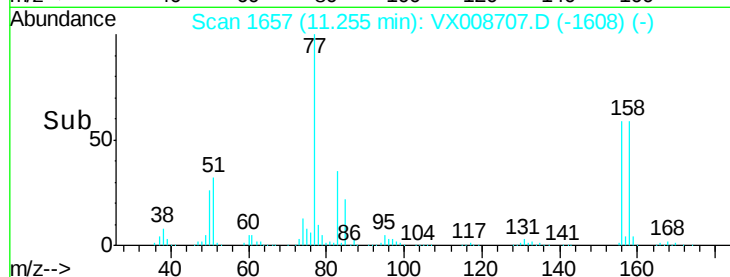
158 98.8 48.6 145.9



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: 47.207 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008707.D

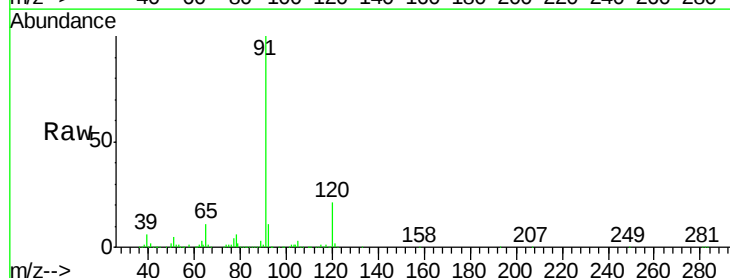
Acq: 06 Apr 2019 01:09

Tgt Ion: 91 Resp: 551722

Ion Ratio Lower Upper

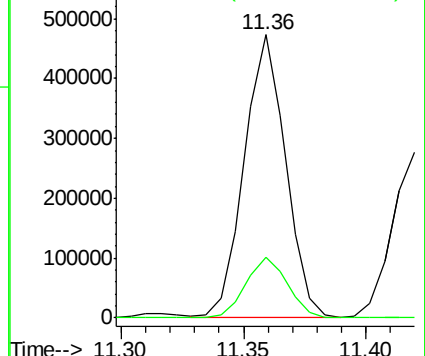
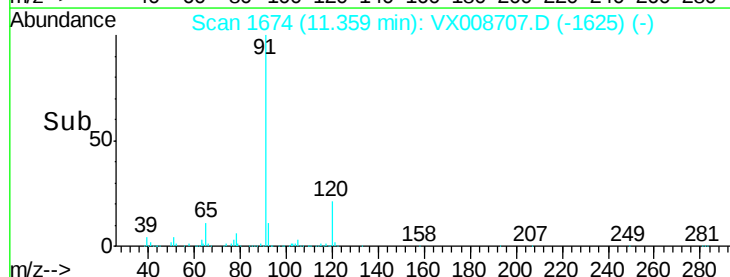
91 100

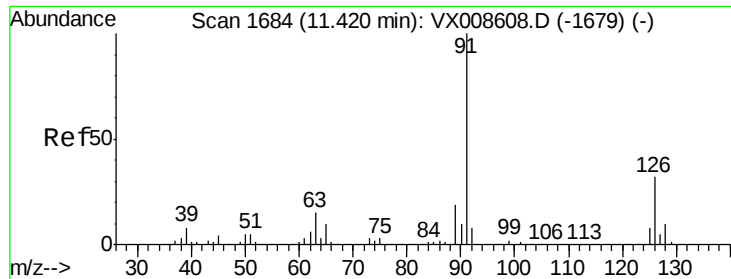
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

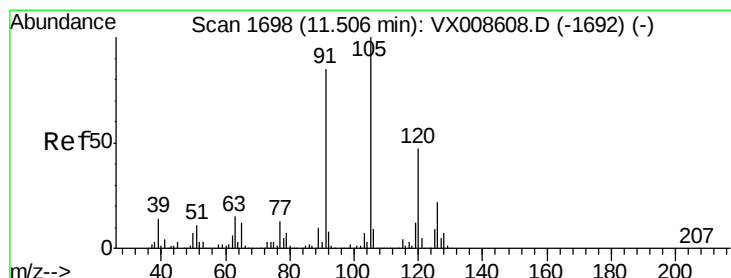
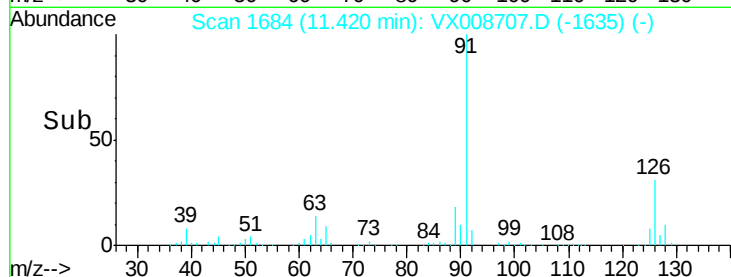
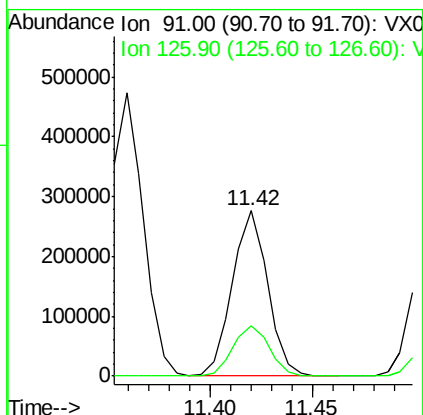
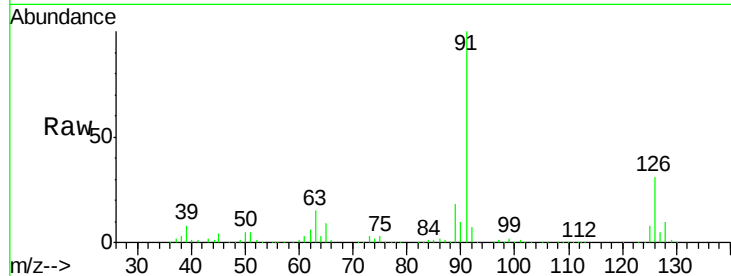




#79
2-Chlorotoluene
Concen: 46.452 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

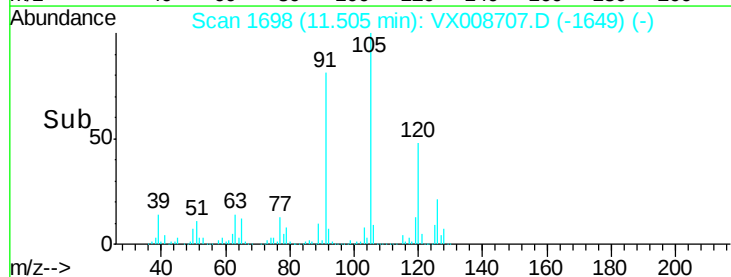
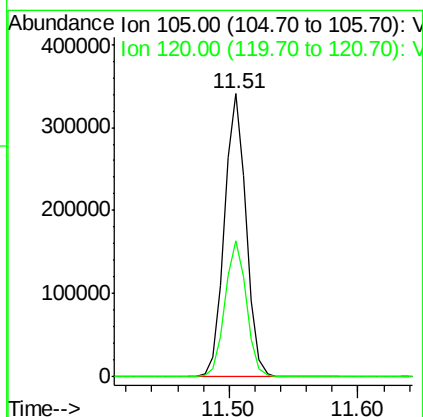
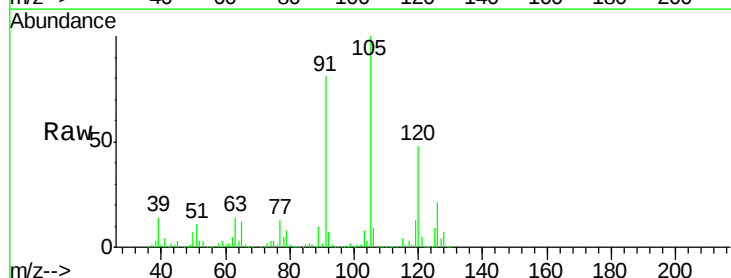
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

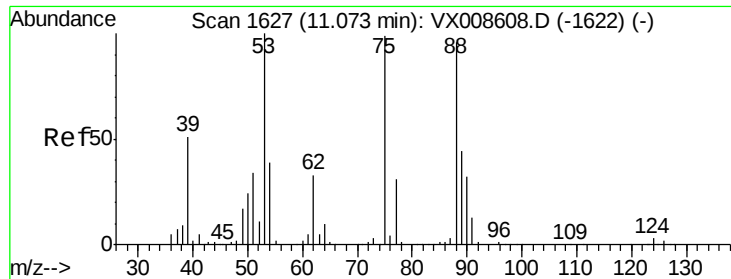
Tot Ion: 91 Resp: 328536
Ion Ratio Lower Upper
91 100
126 32.0 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 47.779 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

Tgt Ion: 105 Resp: 402570
Ion Ratio Lower Upper
105 100
120 47.7 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 46.844 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

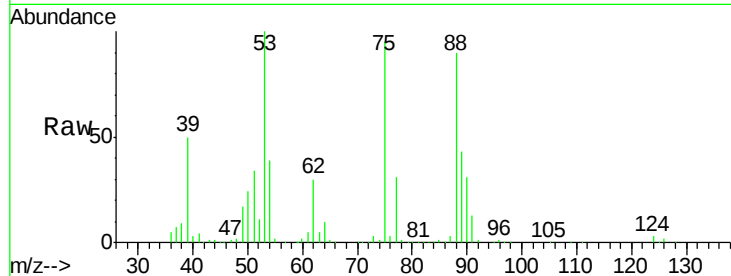
Tot Ion: 75 Resp: 56542

Ion Ratio Lower Upper

75 100

53 104.5 81.3 121.9

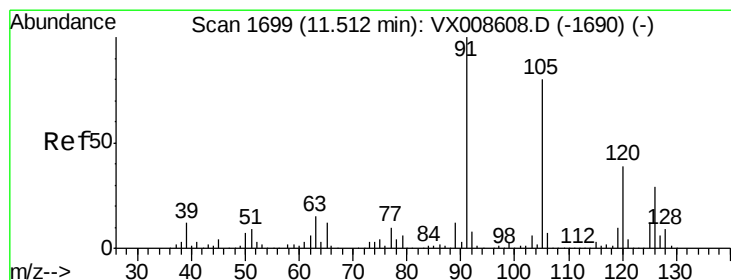
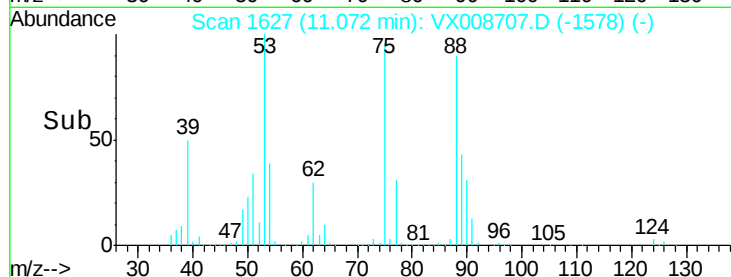
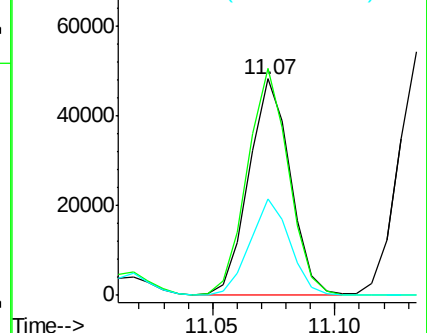
89 43.5 35.6 53.4



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: 46.485 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008707.D

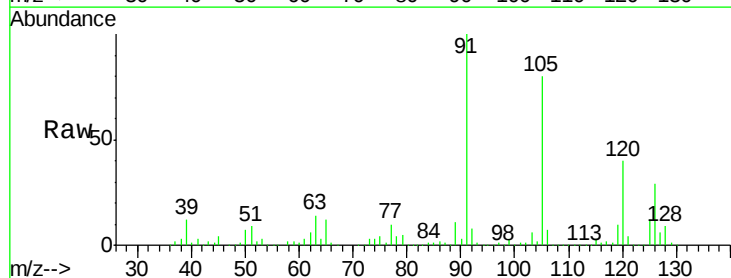
Acq: 06 Apr 2019 01:09

Tgt Ion: 91 Resp: 380563

Ion Ratio Lower Upper

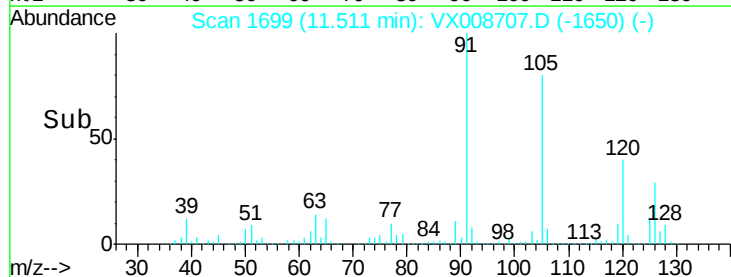
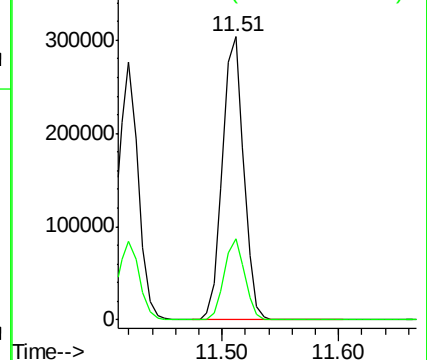
91 100

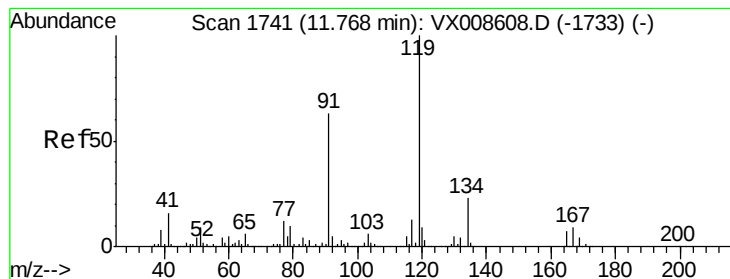
126 27.8 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 48.456 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

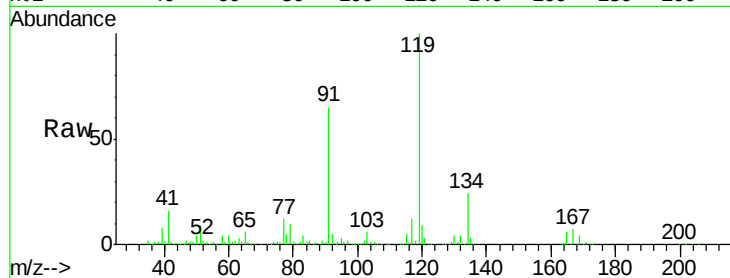
Tot Ion:119 Resp: 392791

Ion Ratio Lower Upper

119 100

91 58.5 30.0 90.1

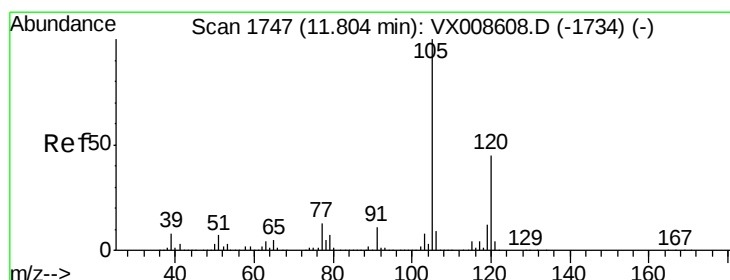
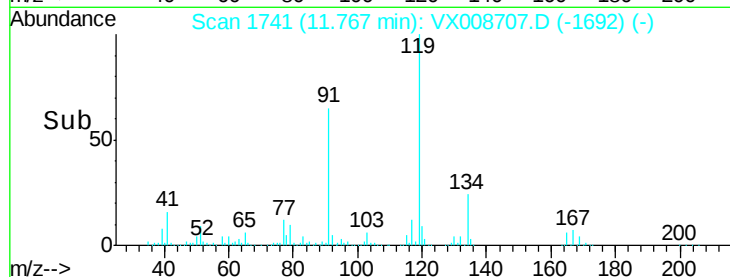
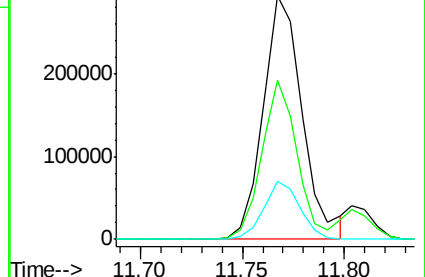
134 22.0 11.1 33.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 47.335 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008707.D

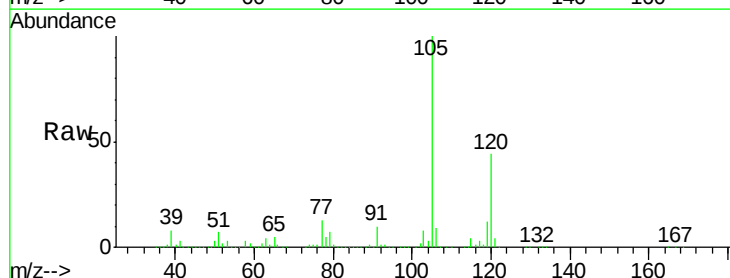
Acq: 06 Apr 2019 01:09

Tgt Ion:105 Resp: 403841

Ion Ratio Lower Upper

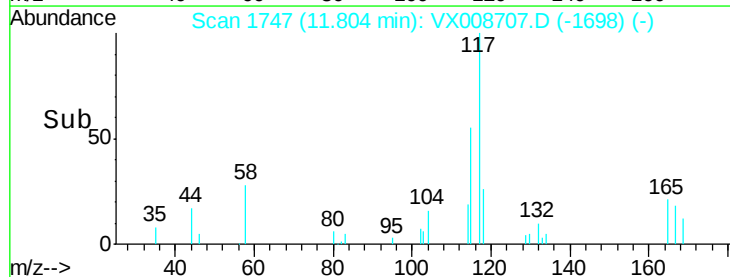
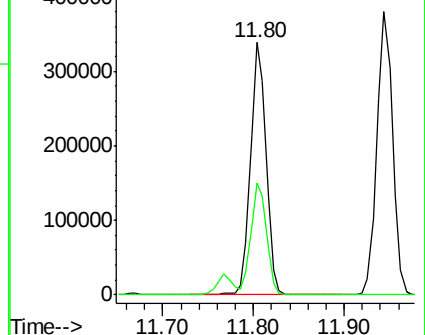
105 100

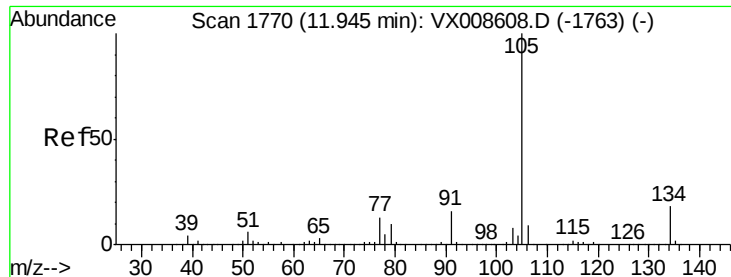
120 44.0 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.430 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

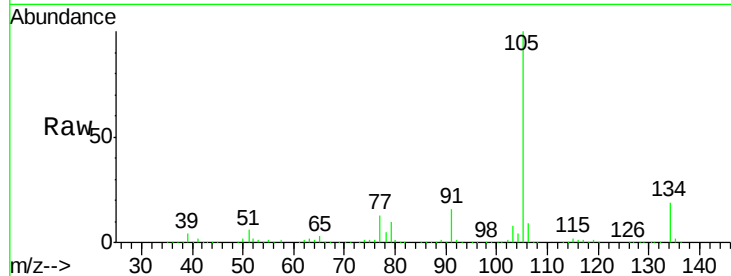
VSTDCCC050EC

Tot Ion:105 Resp: 456683

Ion Ratio Lower Upper

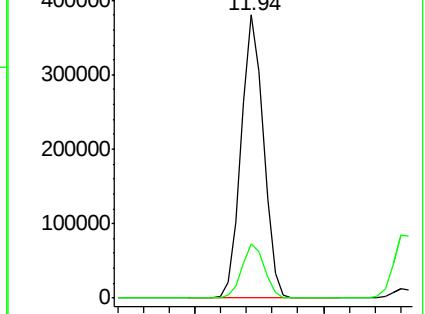
105 100

134 19.1 9.4 28.2

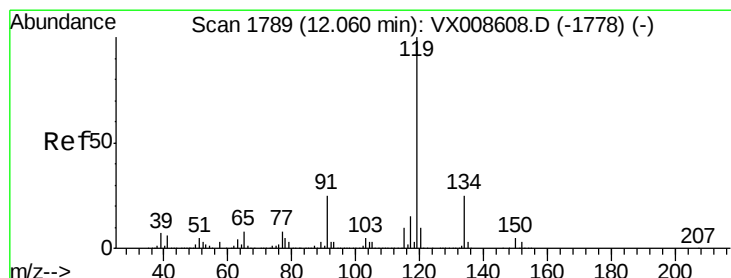
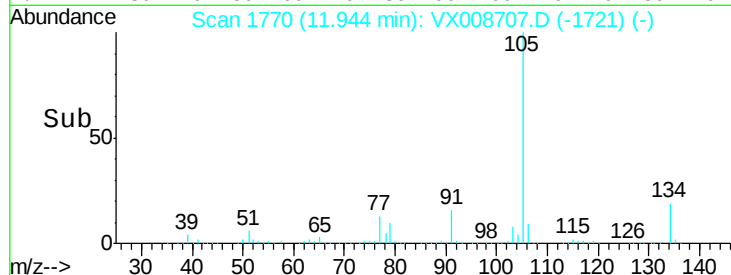


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 47.326 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

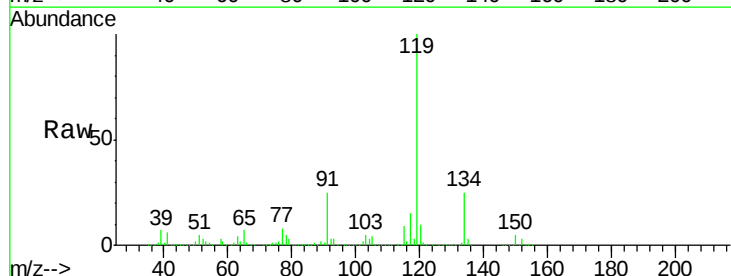
Tgt Ion:119 Resp: 408998

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

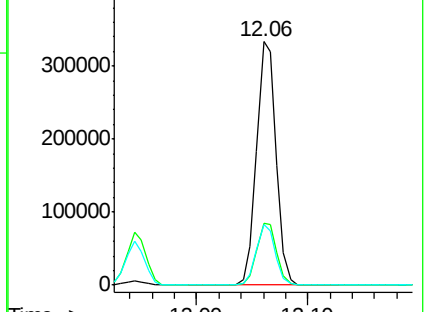
91 24.2 12.2 36.6



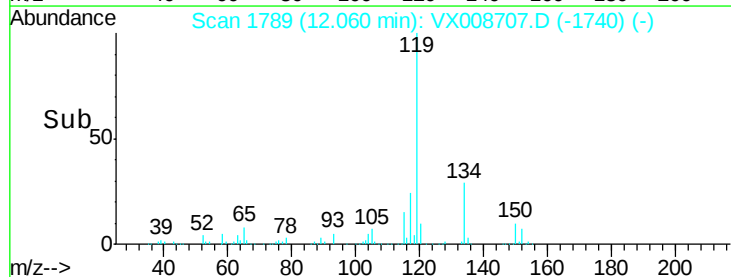
Abundance Ion 119.00 (118.70 to 119.70): V

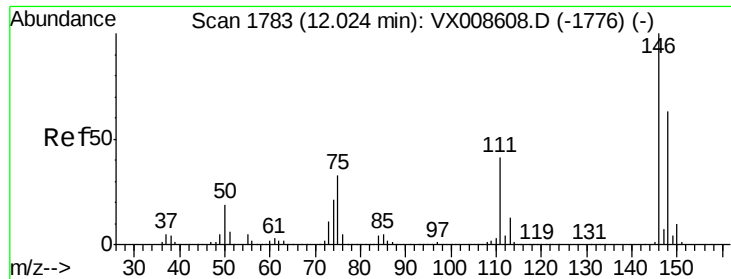
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->





#87

1,3-Dichlorobenzene

Concen: 45.693 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

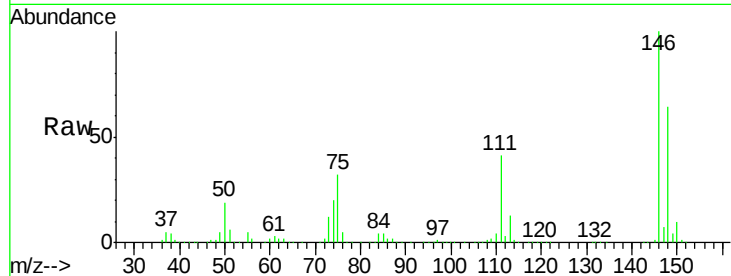
Tot Ion:146 Resp: 197385

Ion Ratio Lower Upper

146 100

111 41.3 20.5 61.5

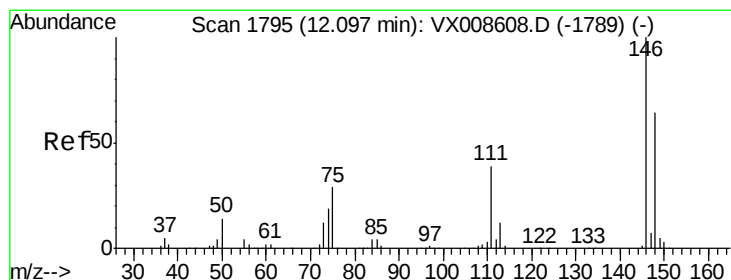
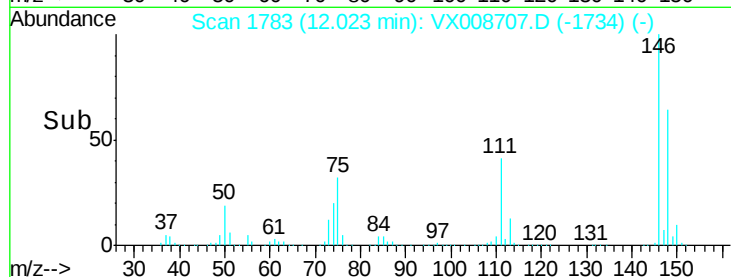
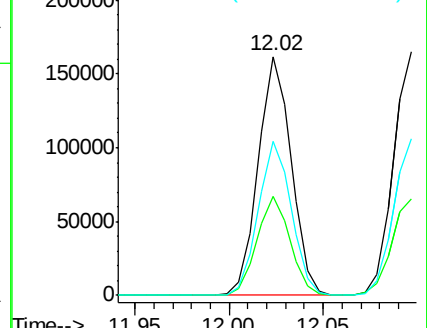
148 64.3 31.6 94.7



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



#88

1,4-Dichlorobenzene

Concen: 45.541 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

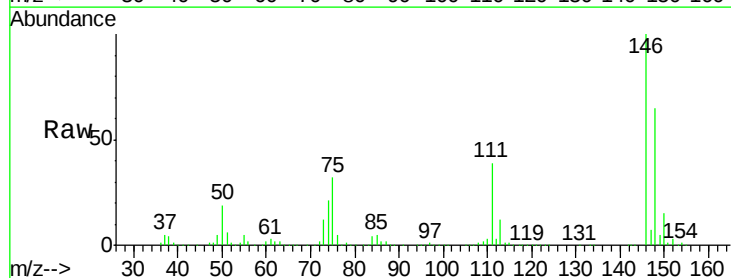
Tgt Ion:146 Resp: 199214

Ion Ratio Lower Upper

146 100

111 40.2 20.2 60.6

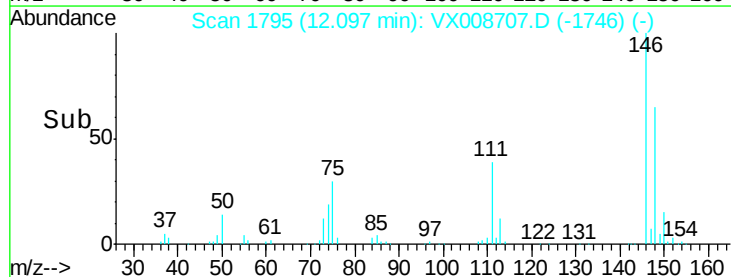
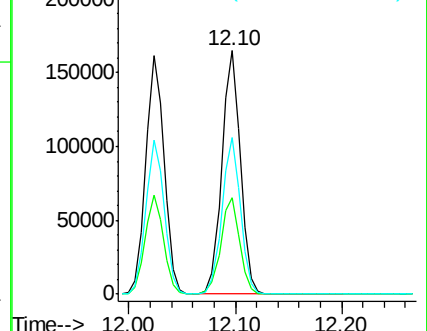
148 64.0 32.0 96.0

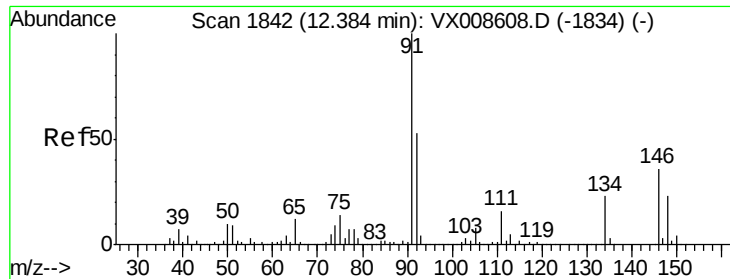


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

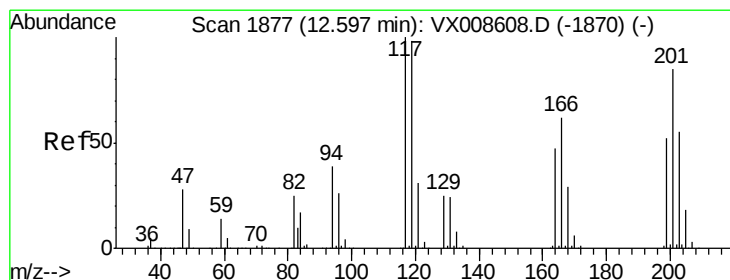
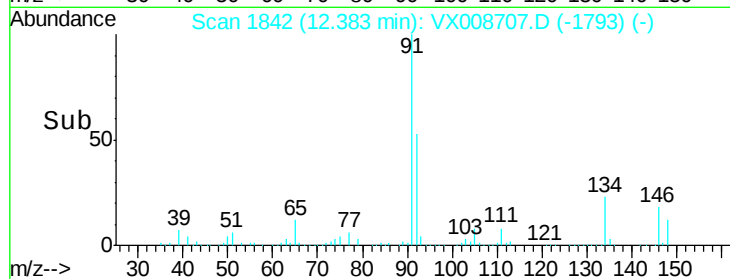
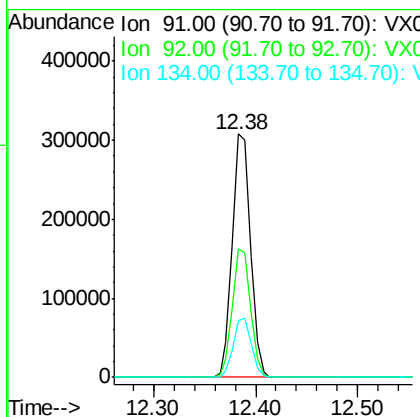
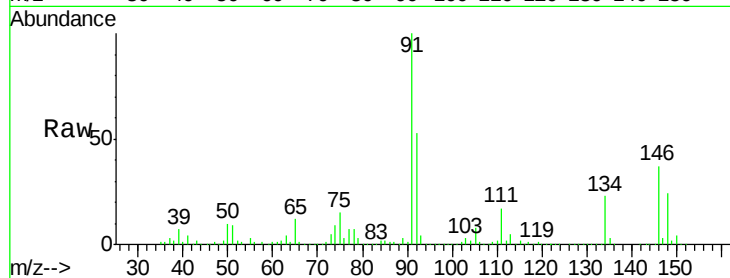




#89
n-Butylbenzene
Concen: 46.633 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

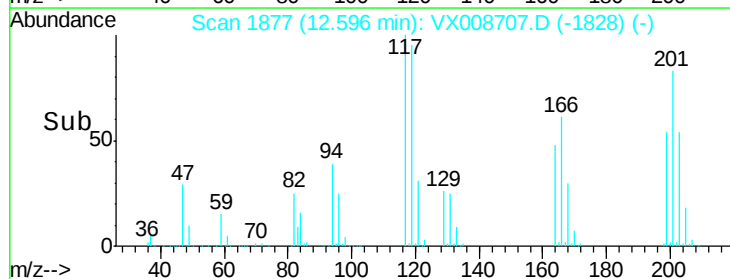
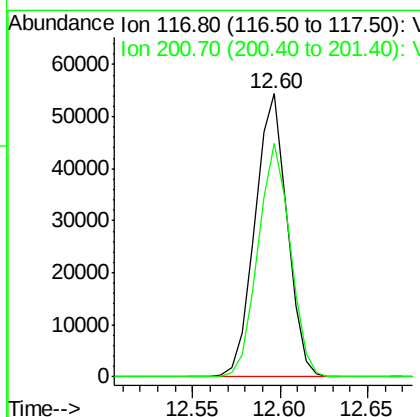
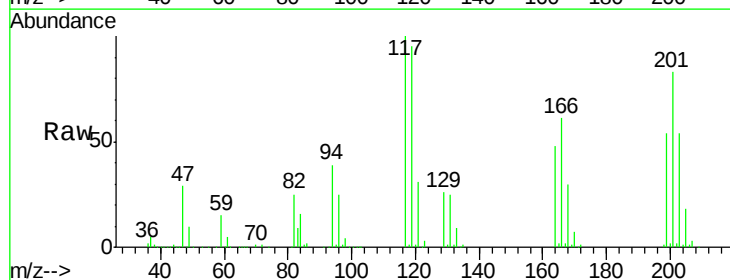
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

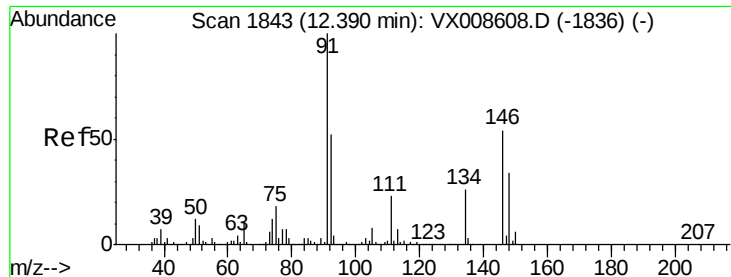
Tot Ion: 91 Resp: 377949
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.2
134 24.0 12.0 36.0



#90
Hexachloroethane
Concen: 48.516 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

Tgt Ion: 117 Resp: 69541
Ion Ratio Lower Upper
117 100
201 82.4 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 46.252 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

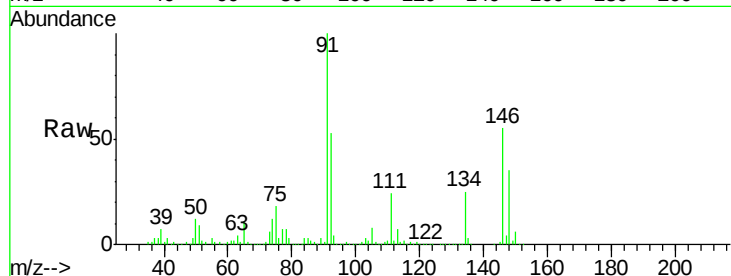
Tot Ion:146 Resp: 198377

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.9

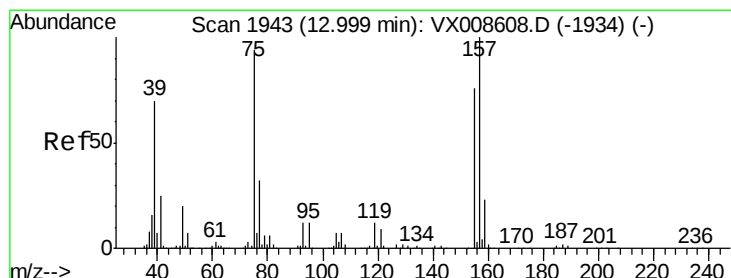
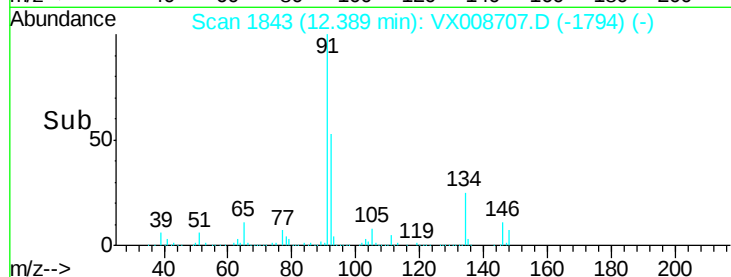
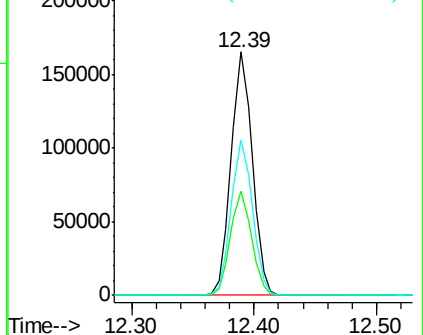
148 63.9 31.7 95.1



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: 47.025 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008707.D

Acq: 06 Apr 2019 01:09

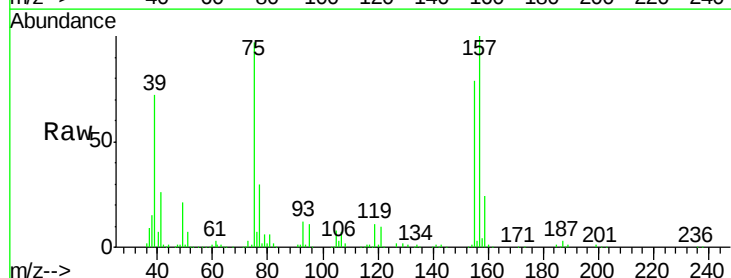
Tgt Ion: 75 Resp: 39490

Ion Ratio Lower Upper

75 100

155 81.2 39.9 119.6

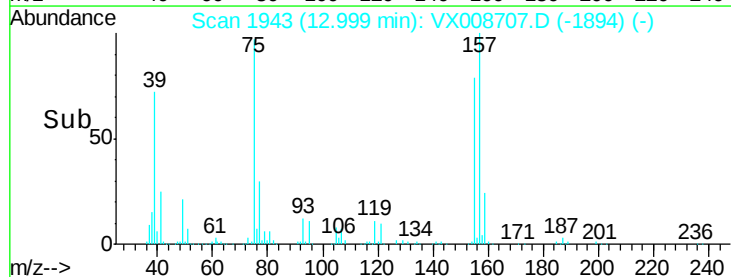
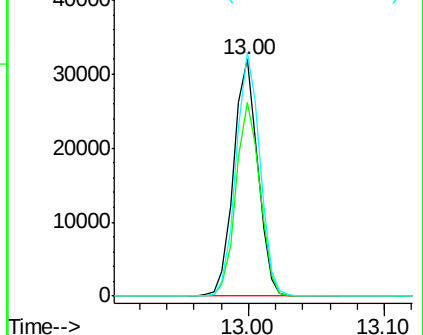
157 101.3 51.5 154.7

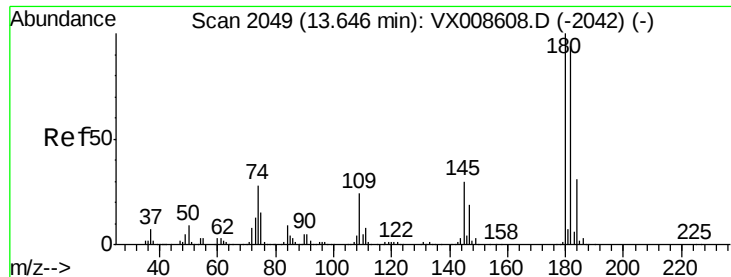


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

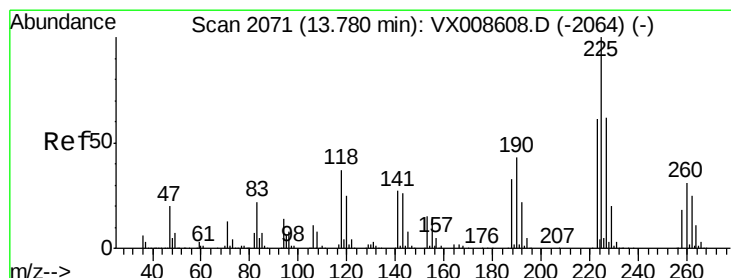
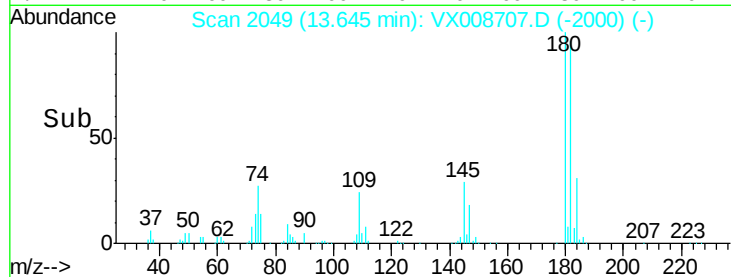
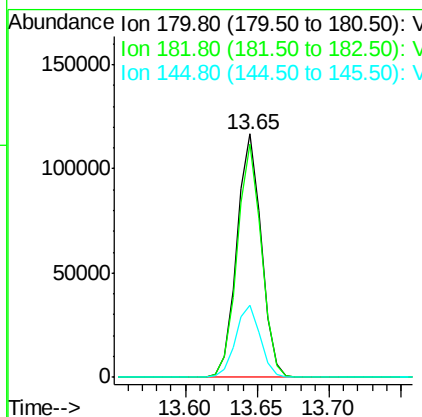
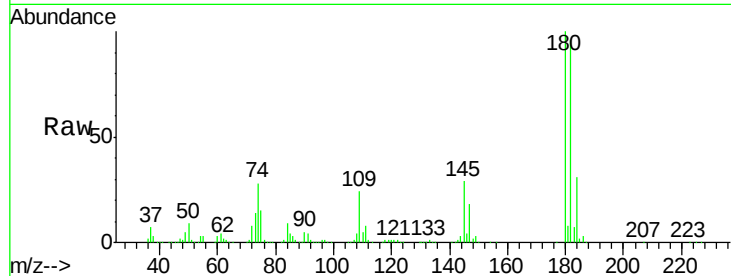




#93
 1,2,4-Trichlorobenzene
 Concen: 46.181 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008707.D
 Acq: 06 Apr 2019 01:09

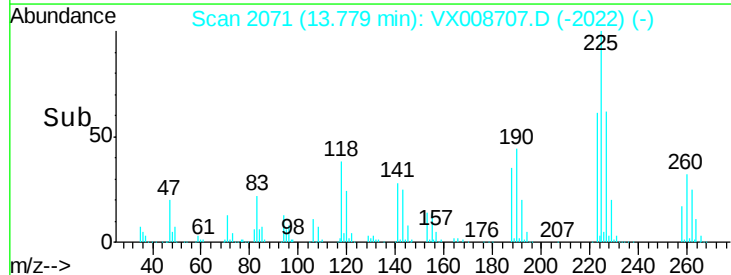
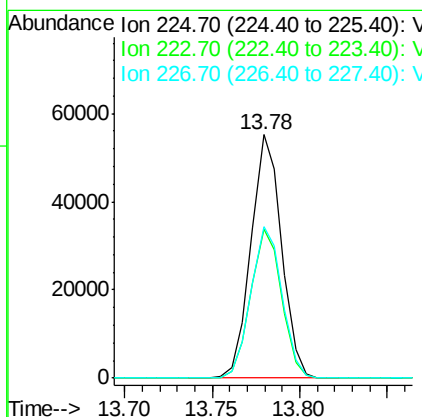
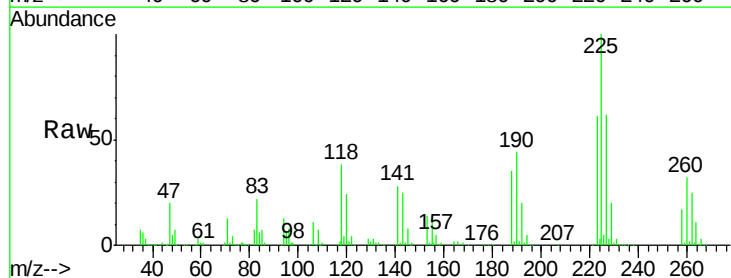
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

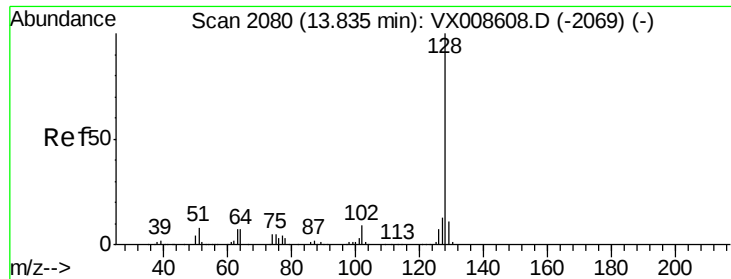
Tot Ion:180 Resp: 137719
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.2 141.6
 145 30.0 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 46.734 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008707.D
 Acq: 06 Apr 2019 01:09

Tgt Ion:225 Resp: 66839
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.2 93.6
 227 63.8 31.9 95.5

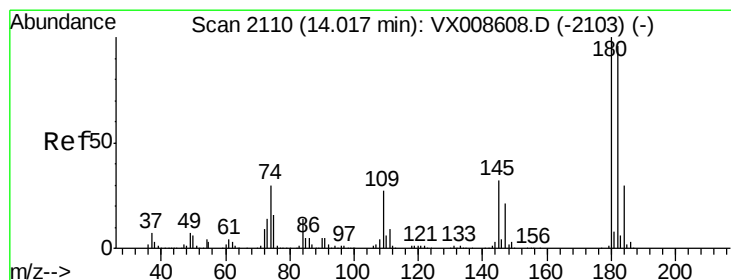
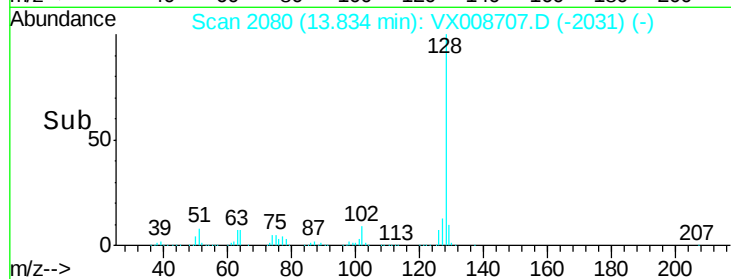
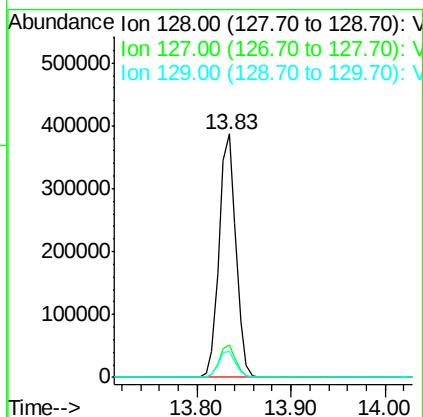
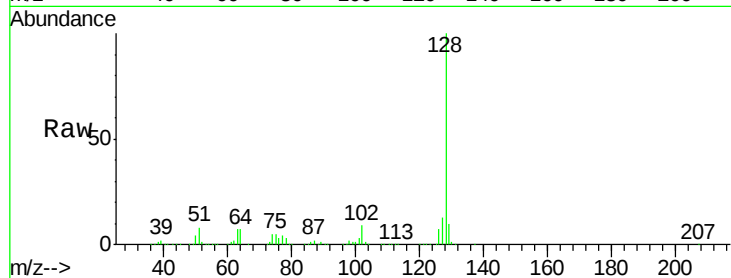




#95
Naphthalene
Concen: 47.880 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 477226
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 46.295 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008707.D
Acq: 06 Apr 2019 01:09

Tgt Ion:180 Resp: 137940
Ion Ratio Lower Upper
180 100
182 96.3 48.1 144.3
145 31.4 16.3 48.8

