

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031119\
 Data File : VX007990.D
 Acq On : 12 Mar 2019 00:16
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 12 08:44:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	337784	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151324	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	123751	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
35) Dibromofluoromethane	5.51	113	111764	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
50) Toluene-d8	8.71	98	415218	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	11.14	95	146425	52.63	ug/l	0.00
Spiked Amount			Recovery	=	105.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	92142	46.479	ug/l	99
3) Chloromethane	1.33	50	117867	46.135	ug/l	100
4) Vinyl Chloride	1.41	62	124388	49.001	ug/l	99
5) Bromomethane	1.64	94	64534	54.269	ug/l	98
6) Chloroethane	1.72	64	77923	46.207	ug/l	100
7) Trichlorofluoromethane	1.93	101	166887	50.495	ug/l	97
8) Diethyl Ether	2.19	74	72974	50.989	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101662	49.637	ug/l	99
10) Methyl Iodide	2.51	142	156869	53.989	ug/l	99
11) Tert butyl alcohol	3.08	59	144008	263.069	ug/l	99
12) 1,1-Dichloroethene	2.38	96	99954	50.629	ug/l	96
13) Acrolein	2.30	56	86095	277.745	ug/l	99
14) Allyl chloride	2.73	41	198445	47.835	ug/l	99
15) Acrylonitrile	3.15	53	339577	245.762	ug/l	100
16) Acetone	2.45	43	279842	197.515	ug/l	99
17) Carbon Disulfide	2.57	76	296070	49.379	ug/l	100
18) Methyl Acetate	2.78	43	160163	53.211	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	353013	51.976	ug/l	100
20) Methylene Chloride	2.86	84	111378	49.394	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	106835	49.181	ug/l	98
22) Diisopropyl ether	3.87	45	372135	48.935	ug/l	99
23) Vinyl Acetate	3.82	43	1610893	241.561	ug/l	99
24) 1,1-Dichloroethane	3.70	63	203483	49.722	ug/l	99
25) 2-Butanone	4.70	43	460939	229.798	ug/l	99
26) 2,2-Dichloropropane	4.59	77	118718	43.787	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	124134	49.938	ug/l	97
28) Bromochloromethane	5.02	49	92786	48.632	ug/l	96
29) Tetrahydrofuran	5.15	42	309926	247.708	ug/l	98
30) Chloroform	5.21	83	196461	50.750	ug/l	98
31) Cyclohexane	5.58	56	183859	48.883	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	166510	51.841	ug/l	98
36) 1,1-Dichloropropene	5.80	75	147613	48.262	ug/l	98
37) Ethyl Acetate	4.85	43	173841	47.896	ug/l	99
38) Carbon Tetrachloride	5.79	117	147240	50.708	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180875	48.804	ug/l	99
40) Benzene	6.15	78	458838	50.391	ug/l	98
41) Methacrylonitrile	5.06	41	98308	49.679	ug/l	99
42) 1,2-Dichloroethane	6.20	62	148207	49.771	ug/l	99
43) Isopropyl Acetate	6.46	43	268905	50.060	ug/l	99
44) Trichloroethene	7.21	130	149628	59.629	ug/l	98
45) 1,2-Dichloropropane	7.52	63	121298	50.437	ug/l	98
46) Dibromomethane	7.66	93	76862	50.502	ug/l	99
47) Bromodichloromethane	7.90	83	146288	50.696	ug/l	100
48) Methyl methacrylate	7.77	41	140350	49.696	ug/l	98
49) 1,4-Dioxane	7.75	88	59327	1022.611	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	864930	250.376	ug/l	99
52) Toluene	8.79	92	283006	50.908	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	158255	52.545	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	176989	52.039	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	116554	51.793	ug/l	99
56) Ethyl methacrylate	9.18	69	177156	52.431	ug/l	98
57) 1,3-Dichloropropane	9.37	76	191093	50.573	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	480572	274.957	ug/l	98
59) 2-Hexanone	9.49	43	650547	242.558	ug/l	99
60) Dibromochloromethane	9.58	129	122452	52.059	ug/l	98
61) 1,2-Dibromoethane	9.67	107	124088	51.935	ug/l	99
64) Tetrachloroethene	9.33	164	127745	52.458	ug/l	98
65) Chlorobenzene	10.14	112	309390	50.313	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	115828	52.556	ug/l	100
67) Ethyl Benzene	10.25	91	523328	51.700	ug/l	100
68) m/p-Xylenes	10.36	106	404583	103.695	ug/l	100
69) o-Xylene	10.70	106	195630	51.935	ug/l	100
70) Styrene	10.71	104	326896	53.033	ug/l	100
71) Bromoform	10.86	173	98378	51.979	ug/l #	99
73) Isopropylbenzene	11.02	105	525076	51.306	ug/l	100
74) N-amyl acetate	10.90	43	228370	48.878	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	171282	48.519	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	196365	61.839	ug/l	89
77) Bromobenzene	11.26	156	141671	50.491	ug/l	99
78) n-propylbenzene	11.36	91	583809	51.420	ug/l	99
79) 2-Chlorotoluene	11.42	91	345125	49.716	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	438911	52.106	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48914	49.239	ug/l	100
82) 4-Chlorotoluene	11.51	91	401929	50.523	ug/l	100
83) tert-Butylbenzene	11.77	119	441499	52.034	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	449217	52.023	ug/l	100
85) sec-Butylbenzene	11.94	105	524100	52.446	ug/l	99
86) p-Isopropyltoluene	12.06	119	470962	52.624	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	248774	50.116	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	248799	48.941	ug/l	100
89) n-Butylbenzene	12.39	91	389388	51.356	ug/l	99
90) Hexachloroethane	12.60	117	76508	51.131	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	248597	50.411	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36828	49.917	ug/l	97

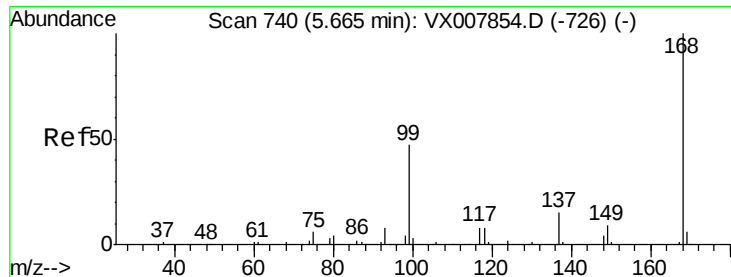
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	178348	51.482	ug/l	99
94) Hexachlorobutadiene	13.78	225	93841	51.812	ug/l	100
95) Naphthalene	13.83	128	534326	53.530	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	180187	52.213	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

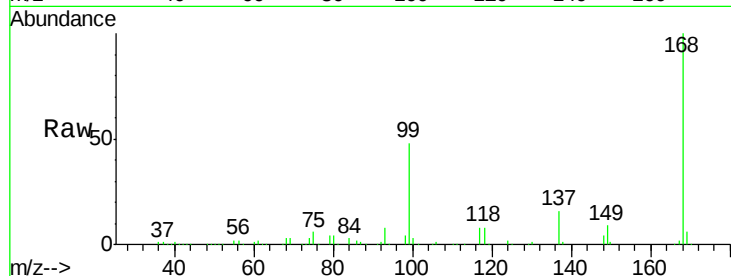
VSTDCCC050EC

Tot Ion:168 Resp: 232042

Ion Ratio Lower Upper

168 100

99 48.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

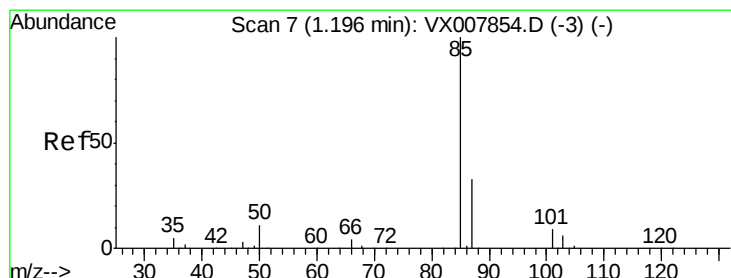
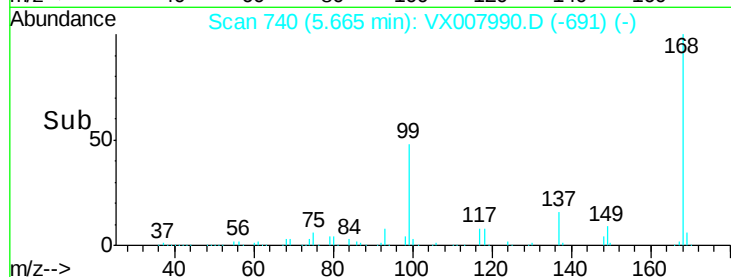
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.479 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007990.D

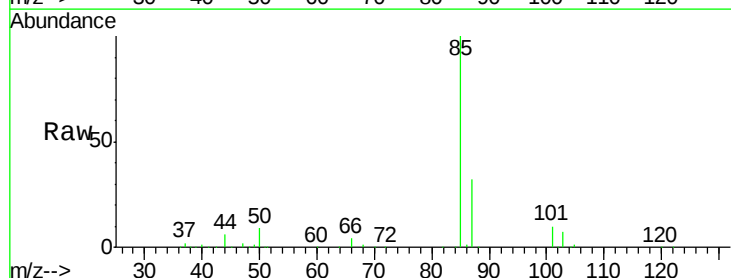
Acq: 12 Mar 2019 00:16

Tgt Ion: 85 Resp: 92142

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

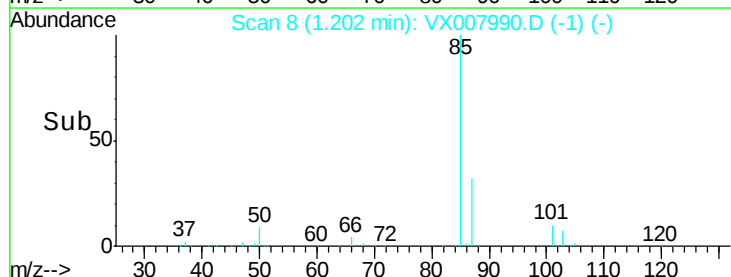
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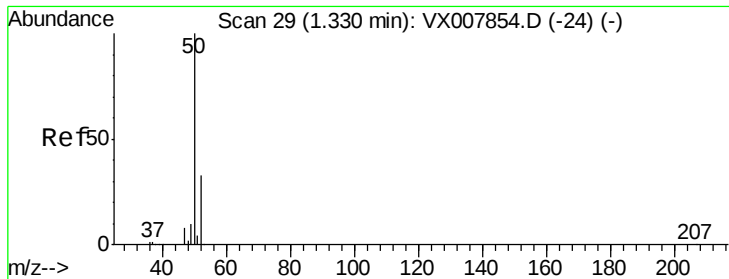
40000

20000

0

Time--> 1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 46.135 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

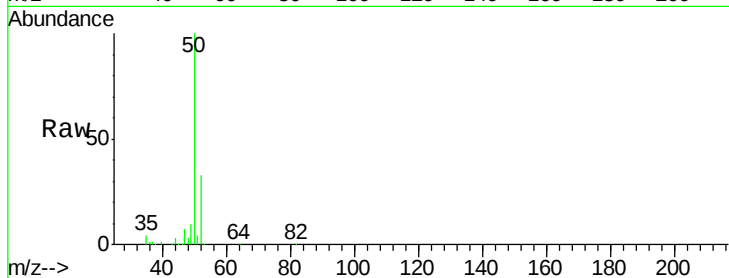
VSTDCCC050EC

Tot Ion: 50 Resp: 117867

Ion Ratio Lower Upper

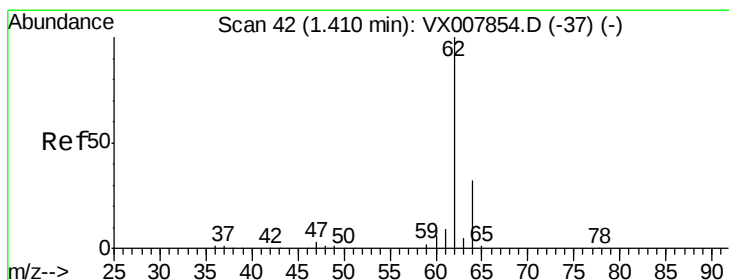
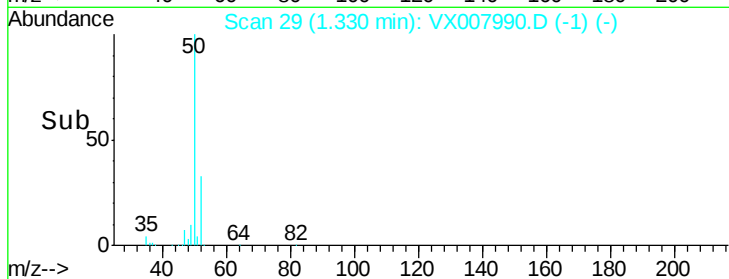
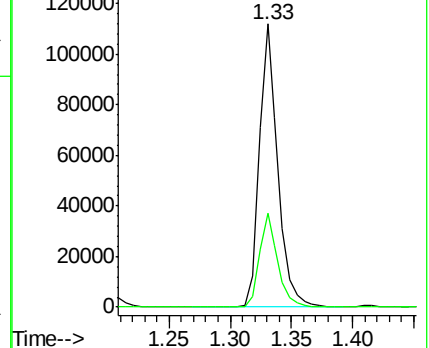
50 100

52 33.2 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.001 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007990.D

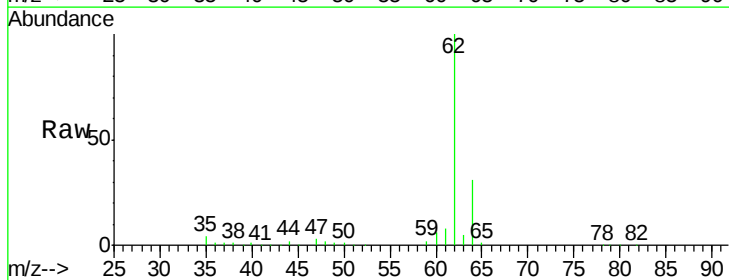
Acq: 12 Mar 2019 00:16

Tgt Ion: 62 Resp: 124388

Ion Ratio Lower Upper

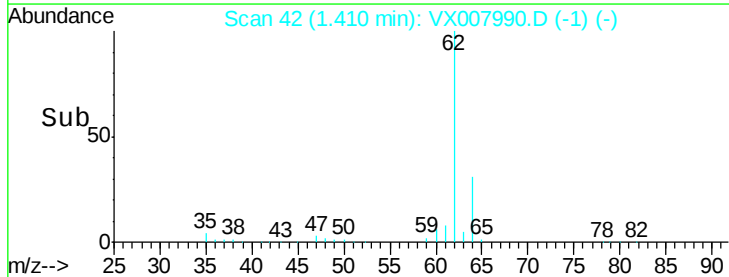
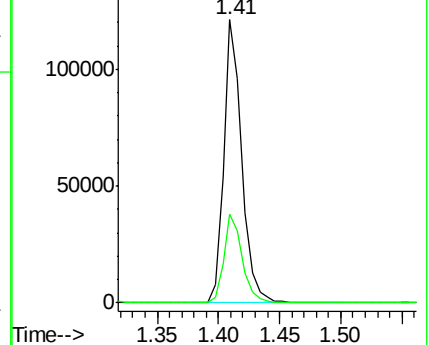
62 100

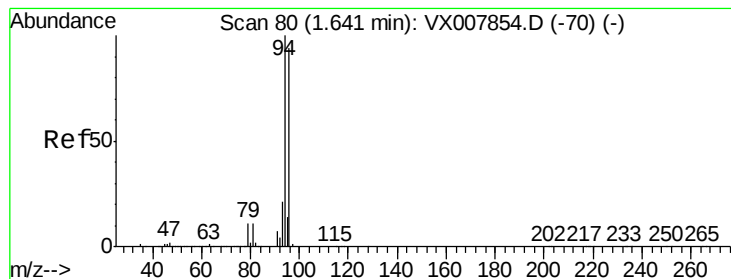
64 31.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.269 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

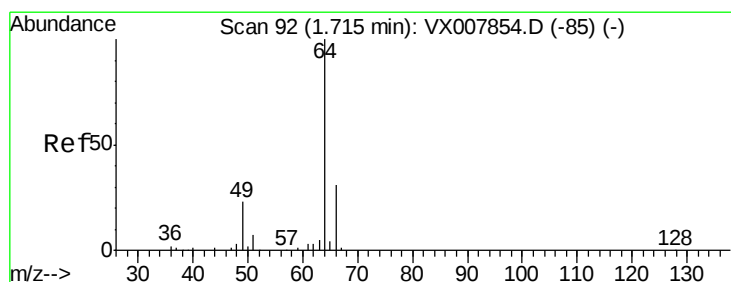
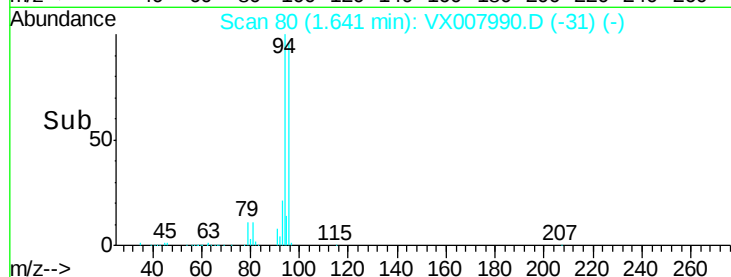
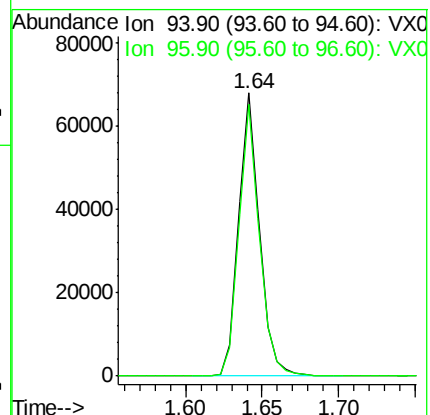
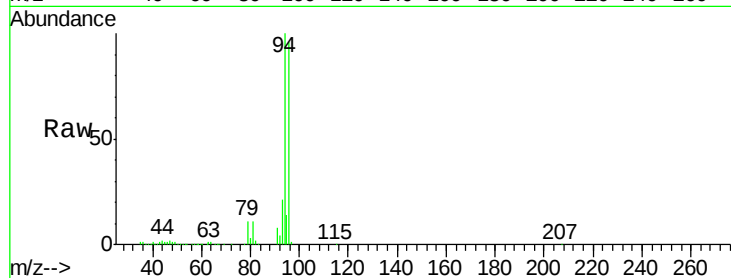
VSTDCCC050EC

Tot Ion: 94 Resp: 64534

Ion Ratio Lower Upper

94 100

96 96.2 75.5 113.3



#6

Chloroethane

Concen: 46.207 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007990.D

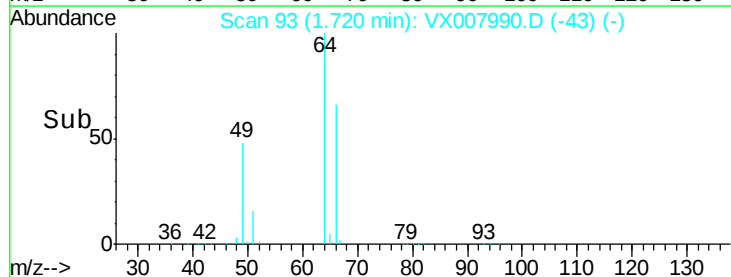
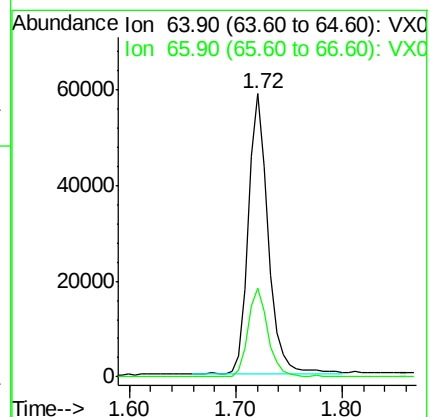
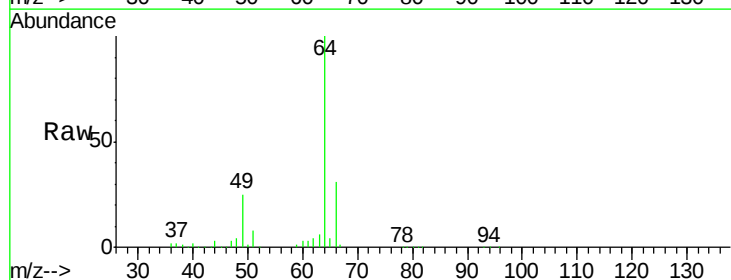
Acq: 12 Mar 2019 00:16

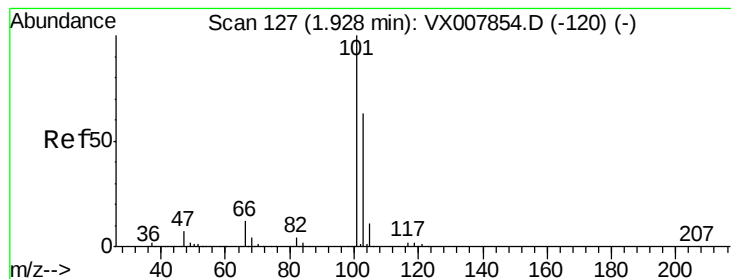
Tgt Ion: 64 Resp: 77923

Ion Ratio Lower Upper

64 100

66 31.5 25.2 37.8



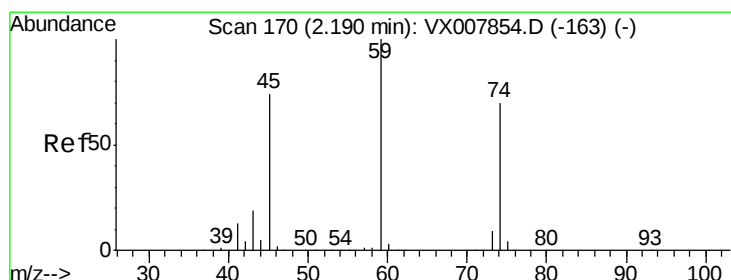
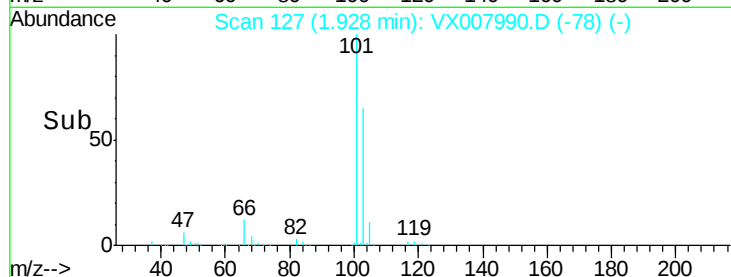
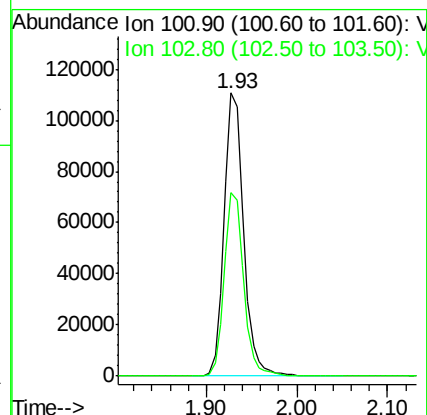
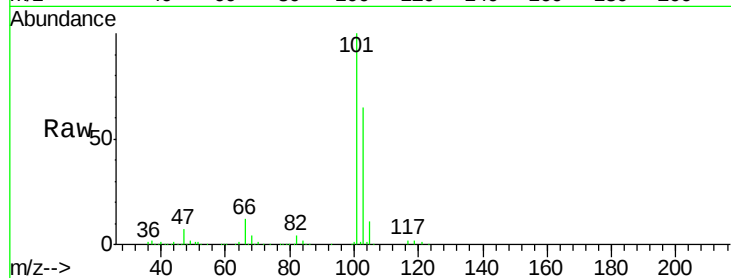


#7

Trichlorofluoromethane
 Concen: 50.495 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

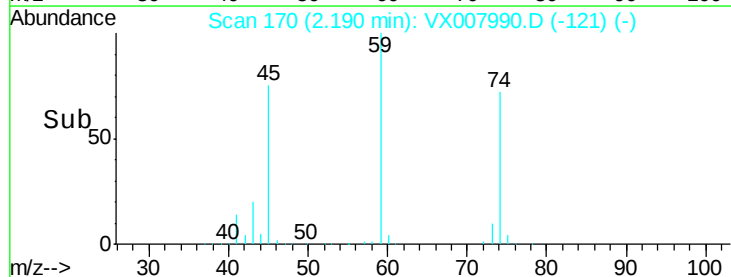
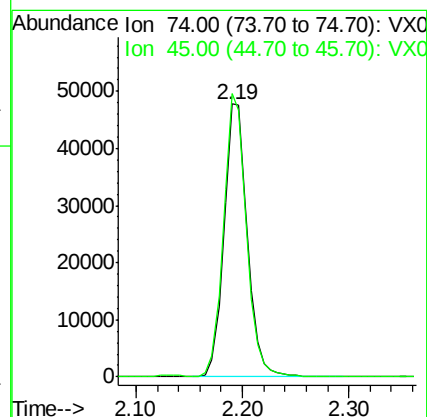
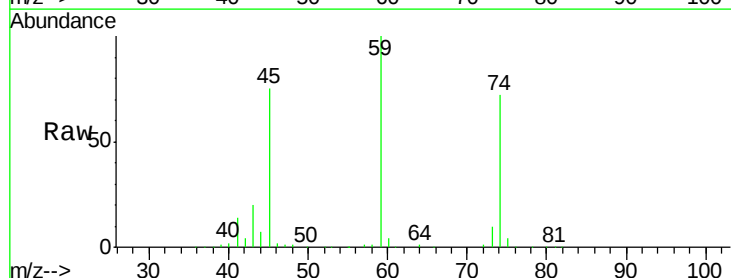
Tot Ion:101 Resp: 166887
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.4 75.6

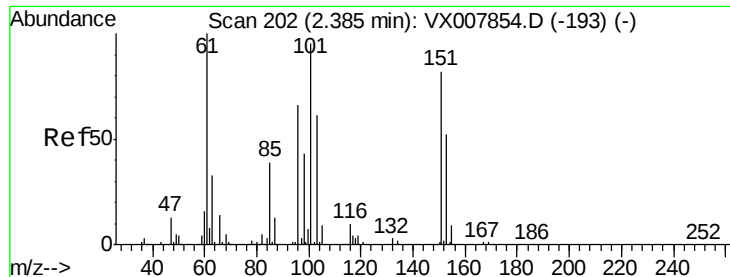


#8

Diethyl Ether
 Concen: 50.989 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion: 74 Resp: 72974
 Ion Ratio Lower Upper
 74 100
 45 100.6 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.637 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

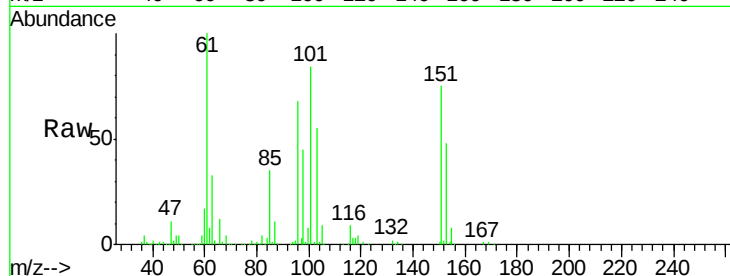
Tot Ion:101 Resp: 101662

Ion Ratio Lower Upper

101 100

85 42.2 33.8 50.6

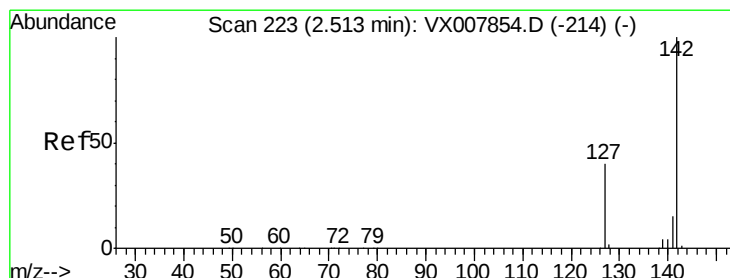
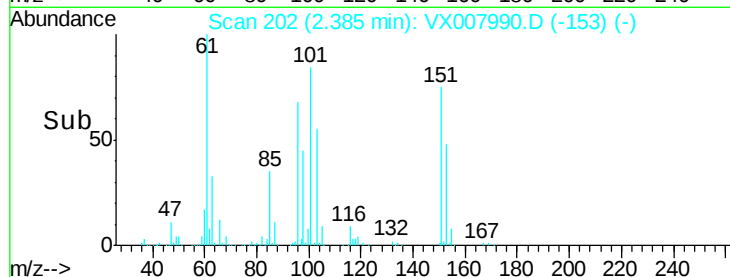
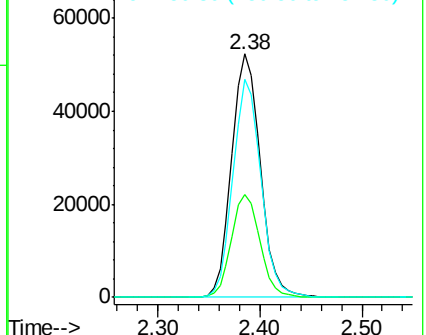
151 87.6 69.1 103.7



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: 53.989 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

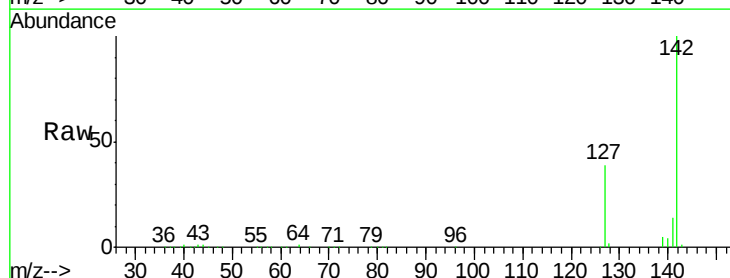
Tgt Ion:142 Resp: 156869

Ion Ratio Lower Upper

142 100

127 39.4 32.1 48.1

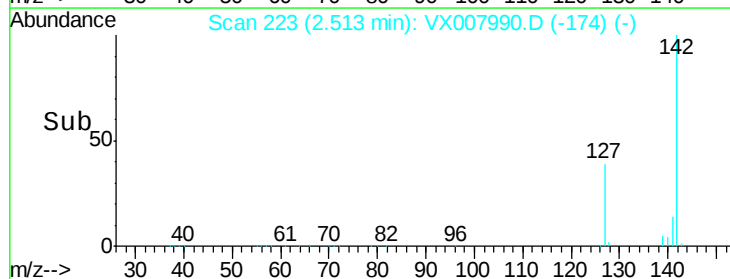
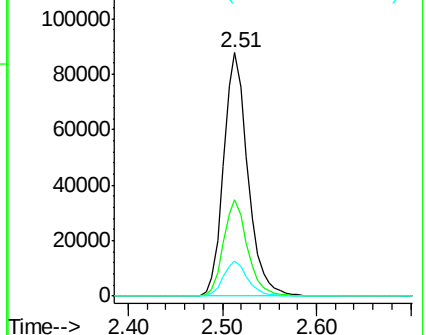
141 14.3 11.4 17.2

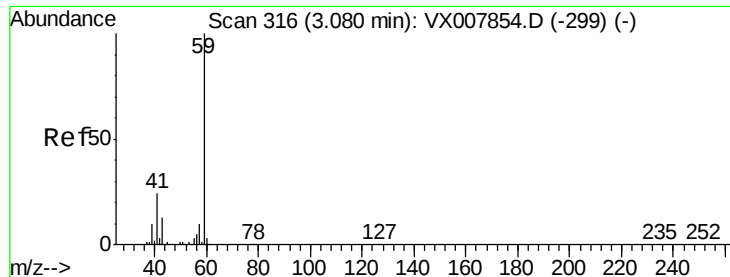


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



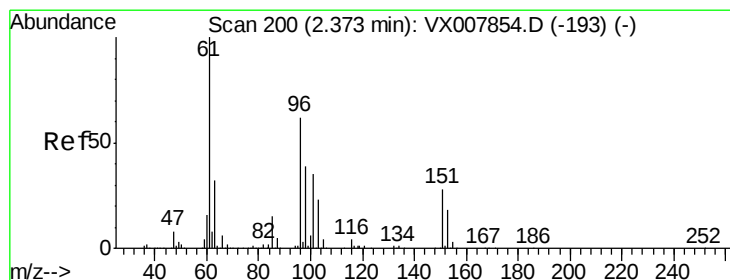
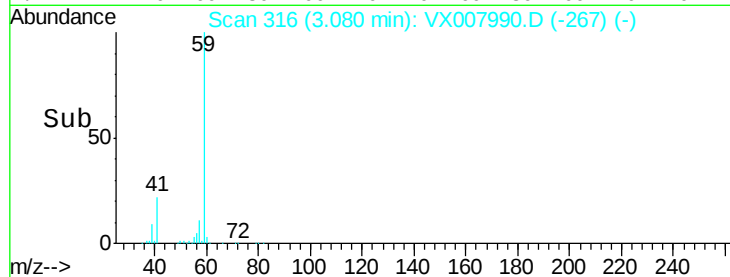
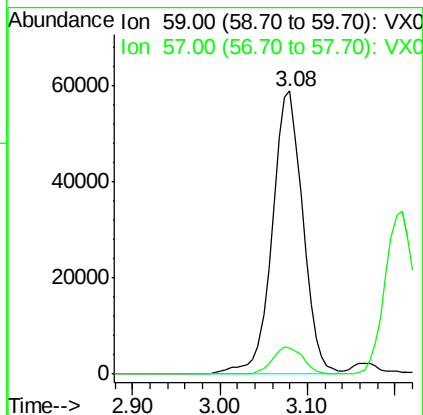
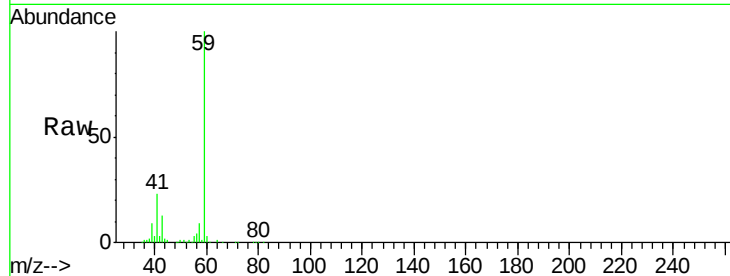


#11

Tert butyl alcohol
 Concen: 263.069 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

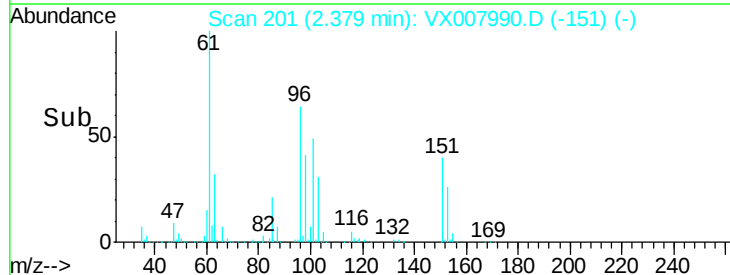
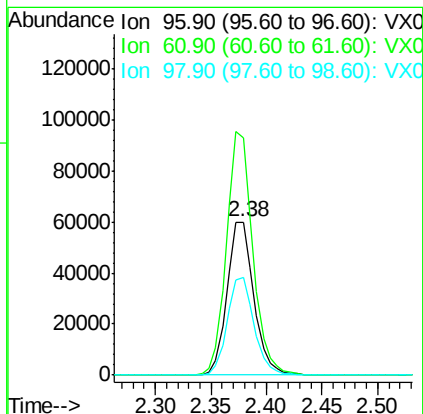
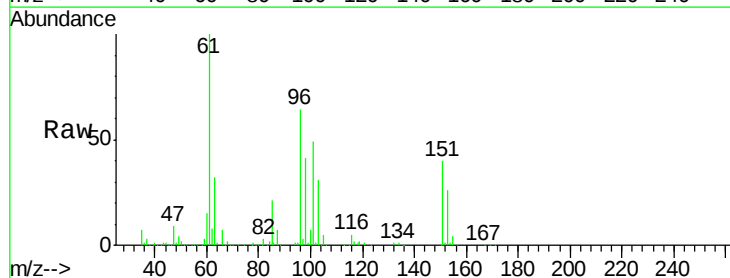
Tot Ion: 59 Resp: 144008
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.2 12.2



#12

1,1-Dichloroethene
 Concen: 50.629 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion: 96 Resp: 99954
 Ion Ratio Lower Upper
 96 100
 61 155.2 129.8 194.6
 98 64.1 51.0 76.6





#13

Acrolein

Concen: 277.745 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

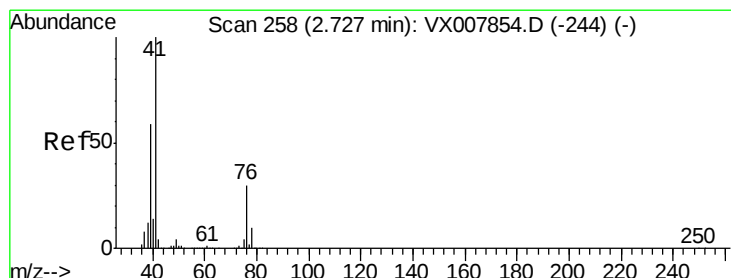
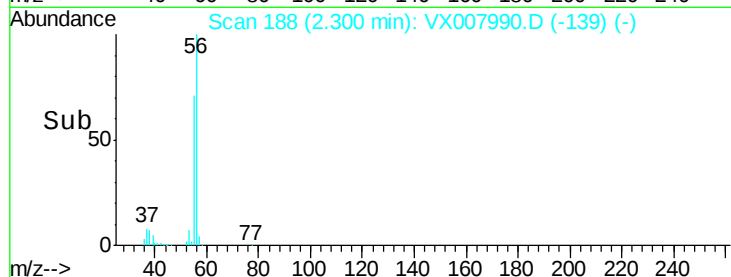
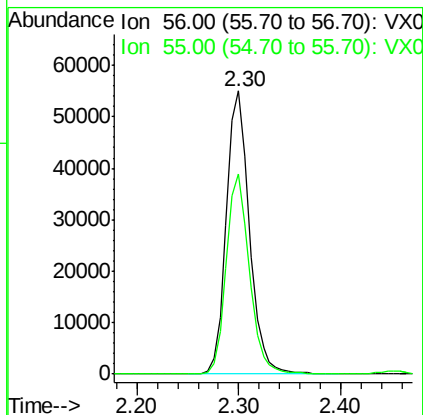
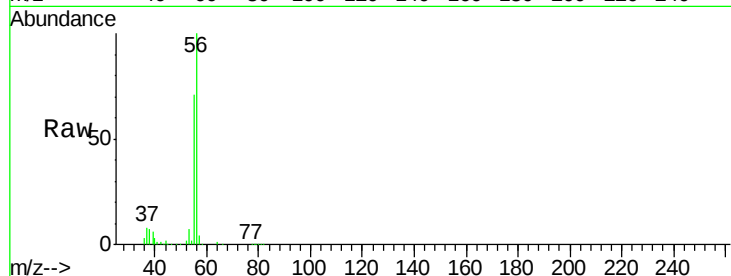
VSTDCCC050EC

Tot Ion: 56 Resp: 86095

Ion Ratio Lower Upper

56 100

55 71.2 57.8 86.6



#14

Allyl chloride

Concen: 47.835 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

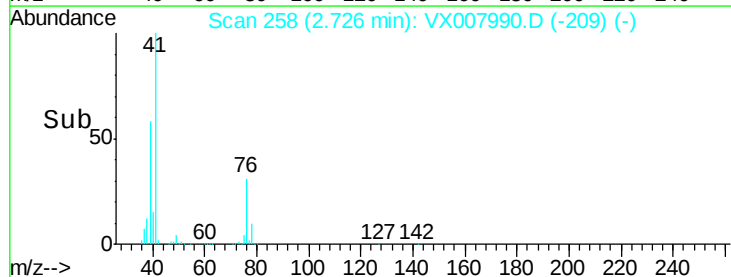
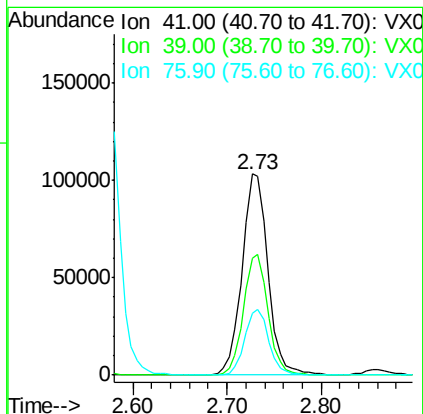
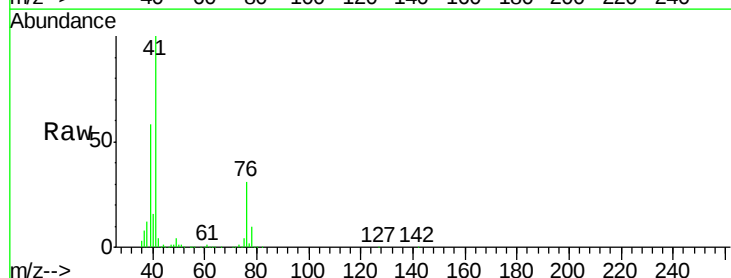
Tgt Ion: 41 Resp: 198445

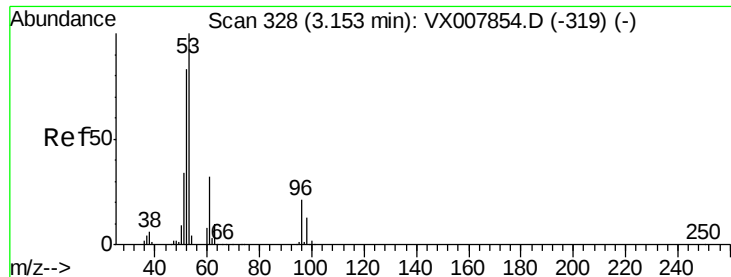
Ion Ratio Lower Upper

41 100

39 57.5 46.1 69.1

76 30.8 24.0 36.0





#15

Acrylonitrile

Concen: 245.762 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

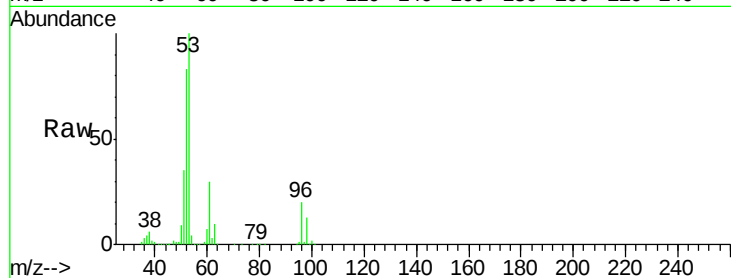
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 339577

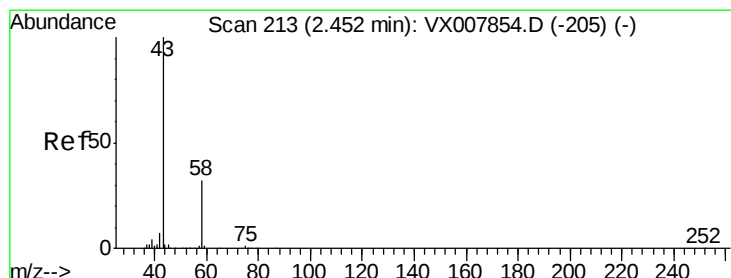
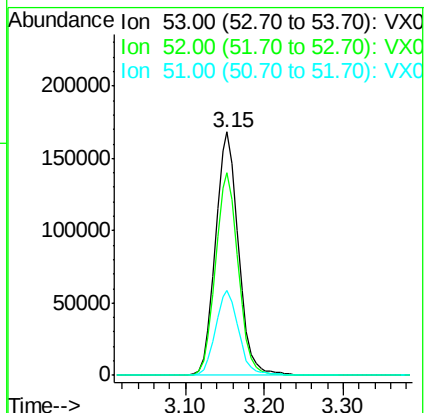
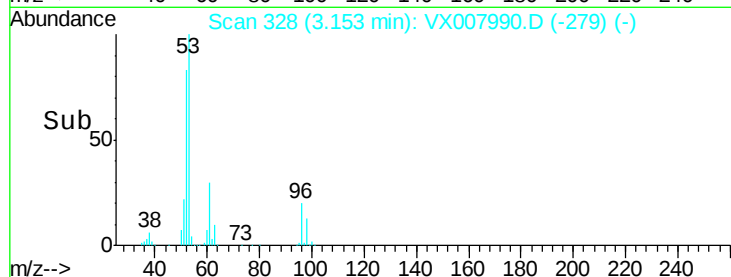
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.0	99.0
51	35.1	28.0	42.0



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: 197.515 ug/l

RT: 2.45 min Scan# 213

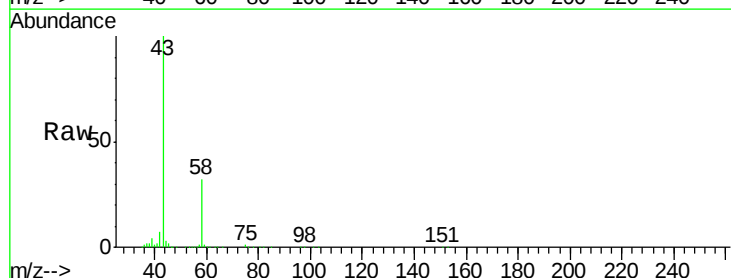
Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

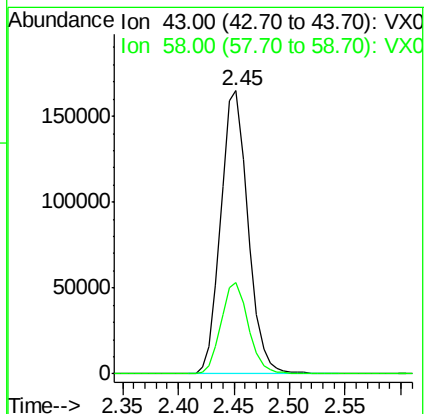
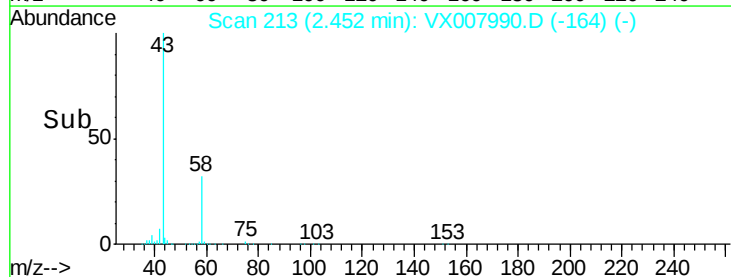
Tgt Ion: 43 Resp: 279842

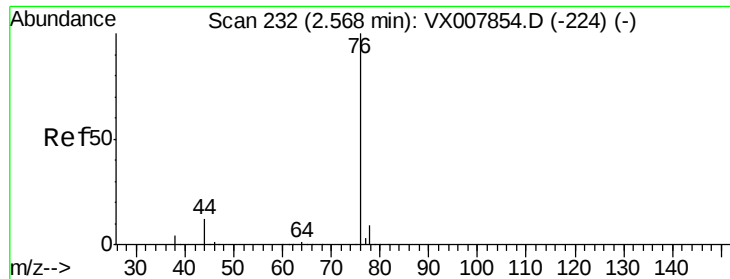
Ion	Ratio	Lower	Upper
43	100		
58	32.5	25.5	38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

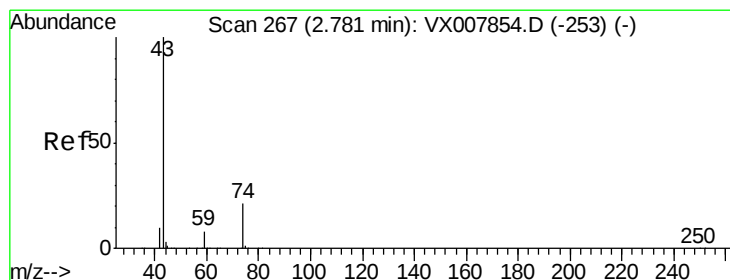
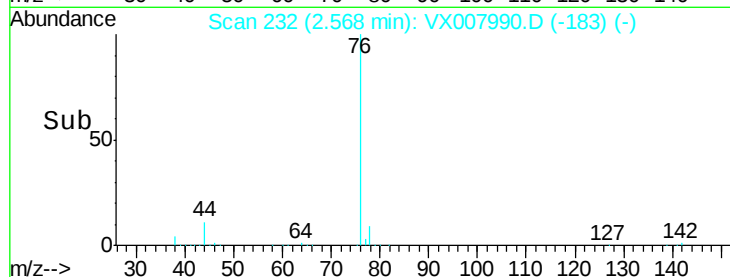
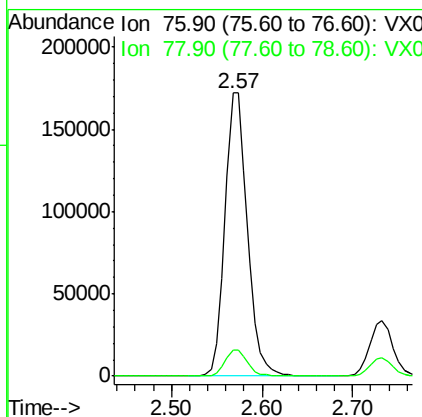
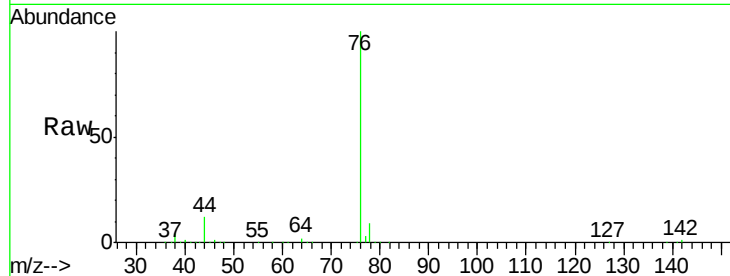




#17
Carbon Disulfide
Concen: 49.379 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

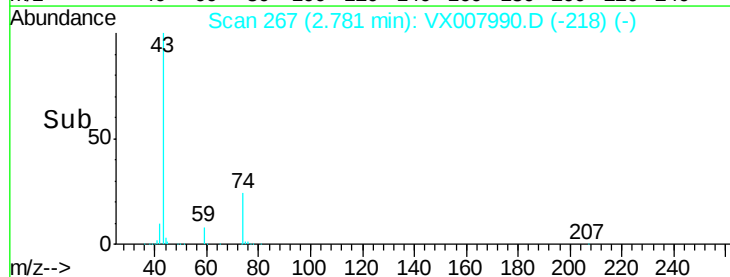
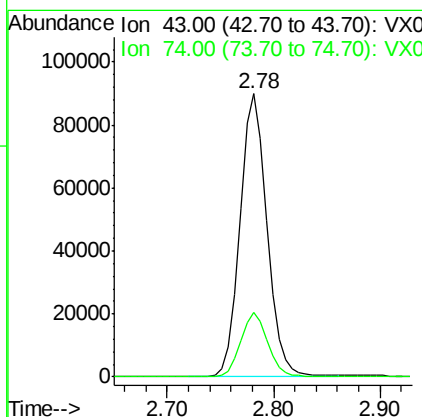
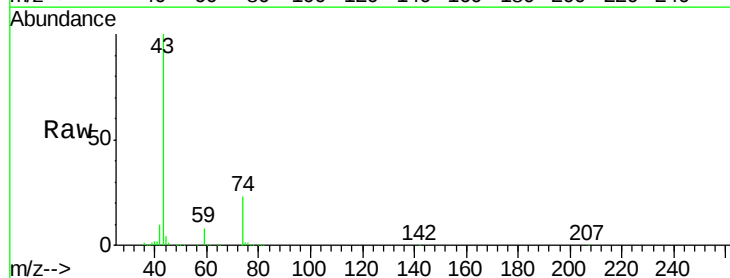
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

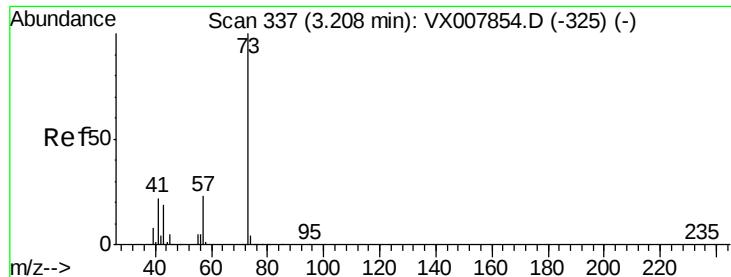
Tot Ion: 76 Resp: 296070
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 53.211 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion: 43 Resp: 160163
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.6

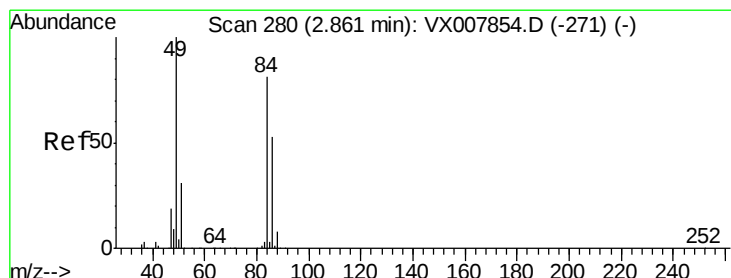
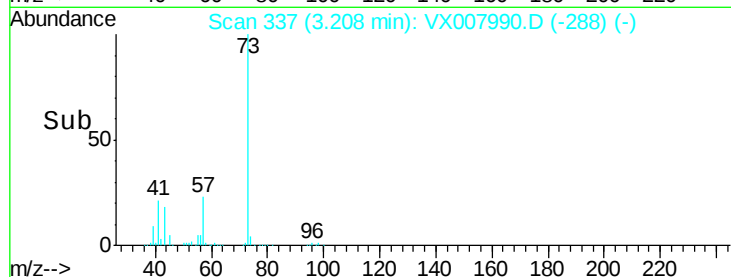
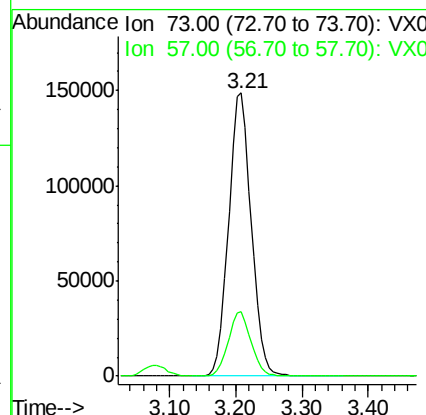
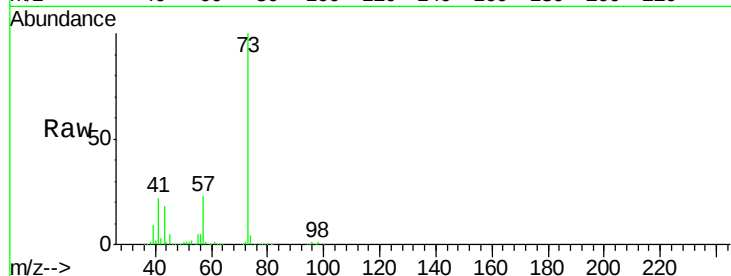




#19
Methyl tert-butyl Ether
Concen: 51.976 ug/l
RT: 3.21 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

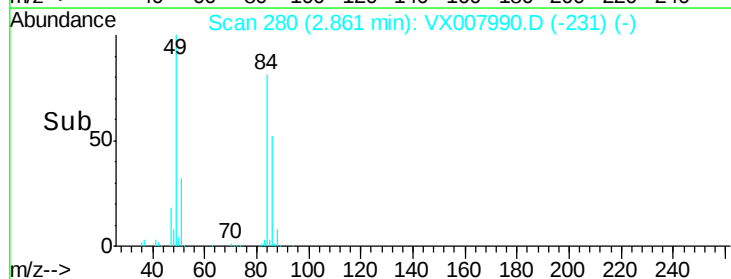
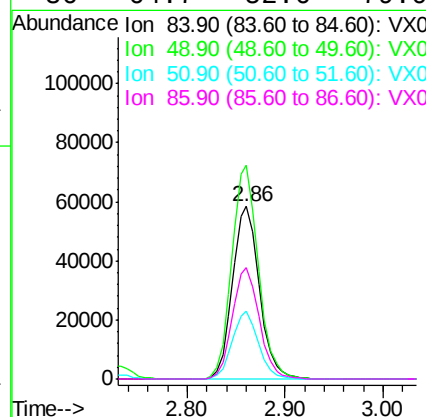
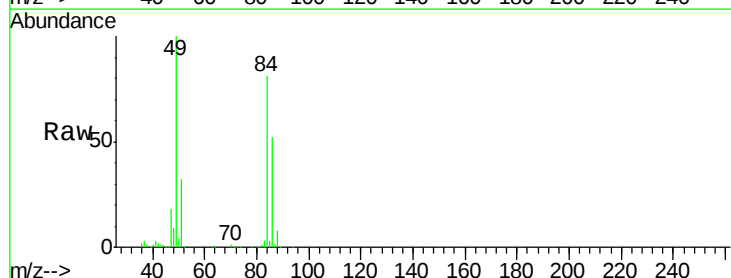
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

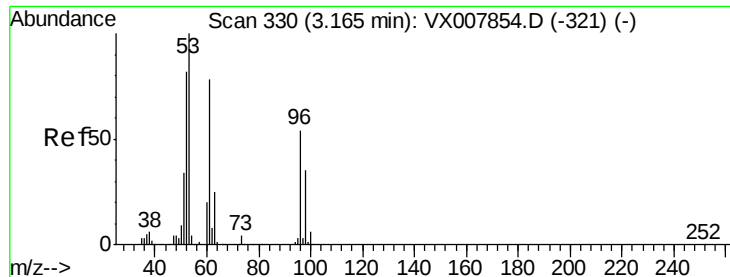
Tot Ion: 73 Resp: 353013
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 49.394 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion: 84 Resp: 111378
Ion Ratio Lower Upper
84 100
49 124.0 99.3 148.9
51 39.6 31.3 46.9
86 64.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 49.181 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

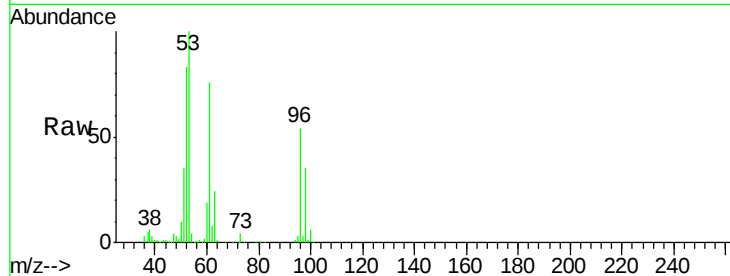
Tot Ion: 96 Resp: 106835

Ion Ratio Lower Upper

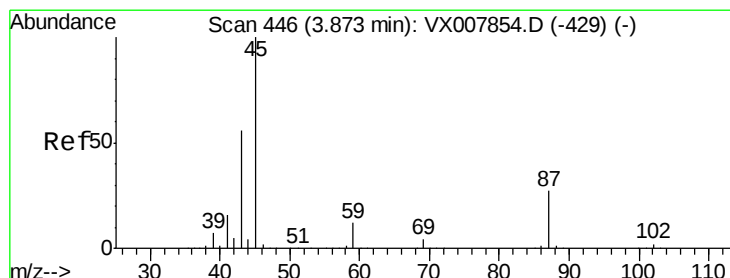
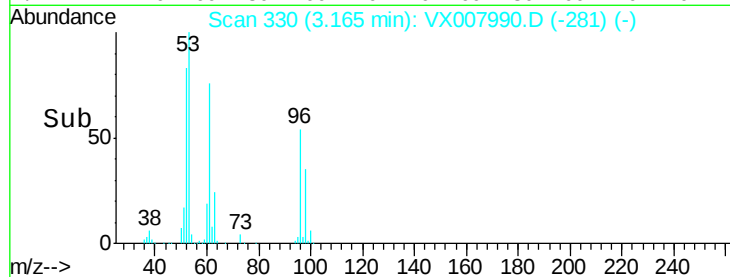
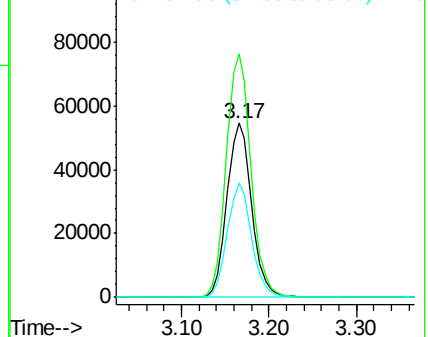
96 100

61 139.5 114.4 171.6

98 65.3 51.1 76.7



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: 48.935 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Tgt Ion: 45 Resp: 372135

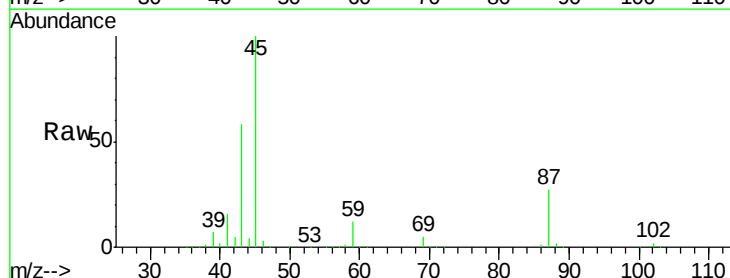
Ion Ratio Lower Upper

45 100

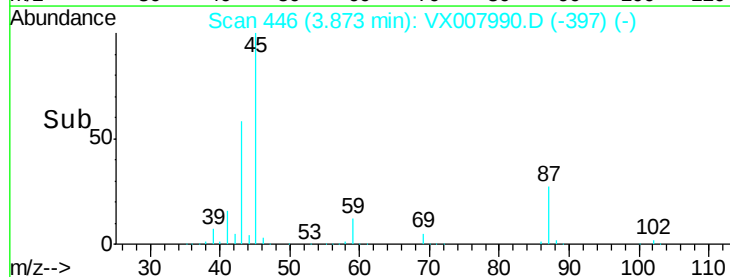
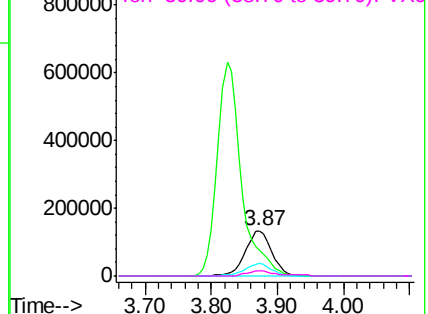
43 57.5 45.3 67.9

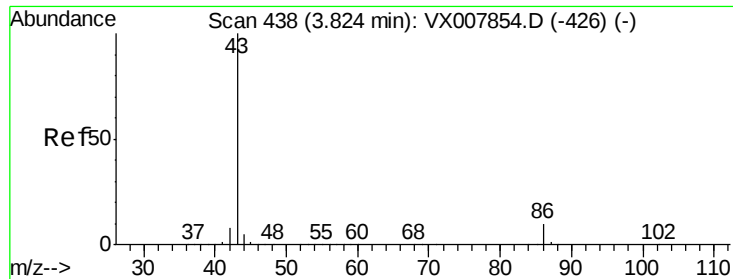
87 27.3 21.4 32.0

59 11.6 9.5 14.3



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: 241.561 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

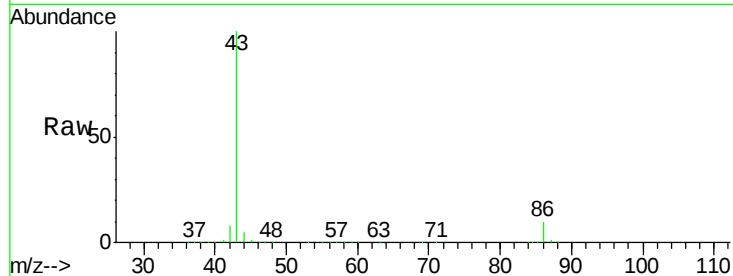
VSTDCCC050EC

Tot Ion: 43 Resp: 1610893

Ion Ratio Lower Upper

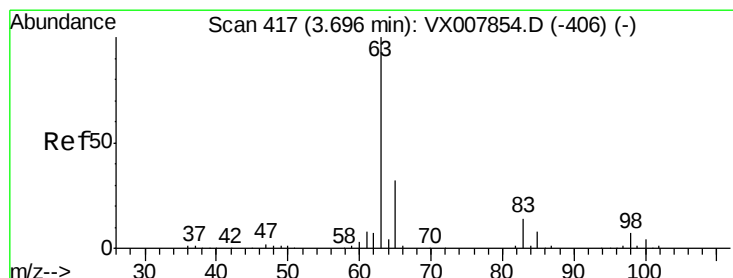
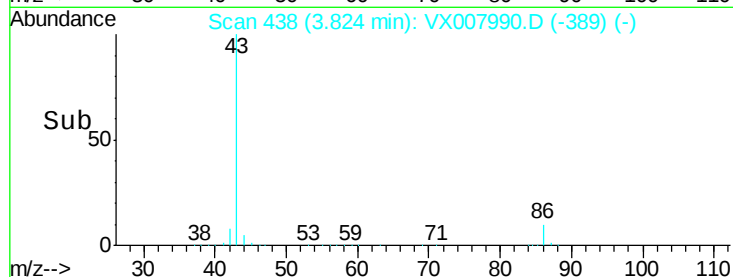
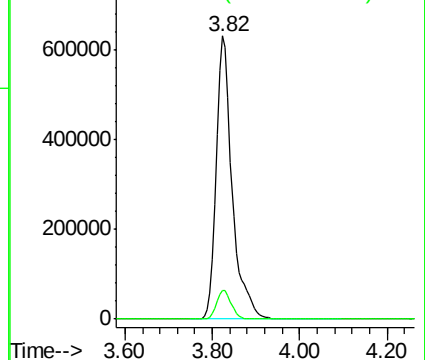
43 100

86 10.2 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.722 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

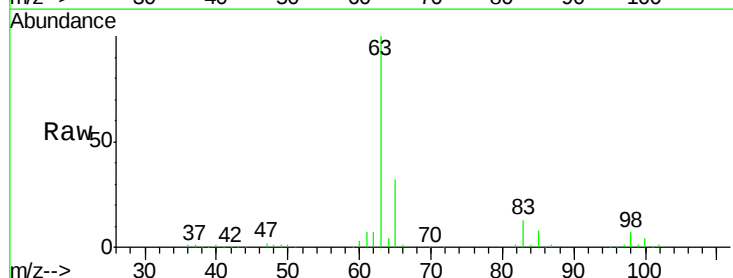
Tgt Ion: 63 Resp: 203483

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

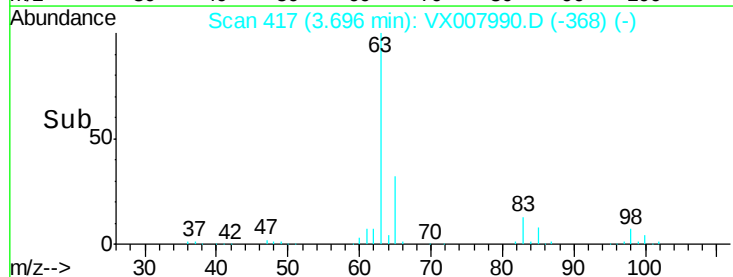
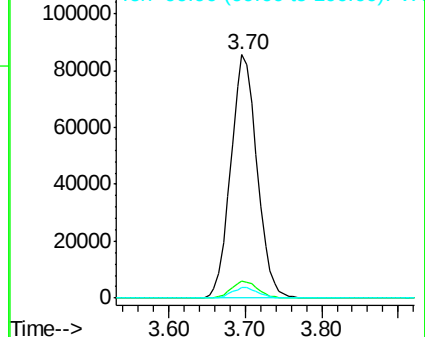
100 4.3 2.3 6.8

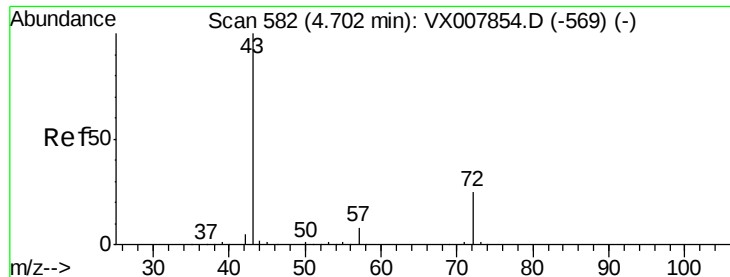


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 229.798 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

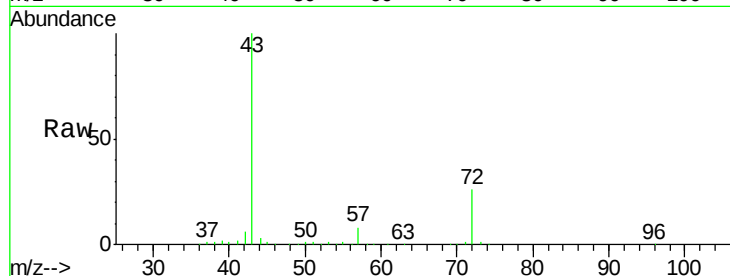
VSTDCCC050EC

Tot Ion: 43 Resp: 460939

Ion Ratio Lower Upper

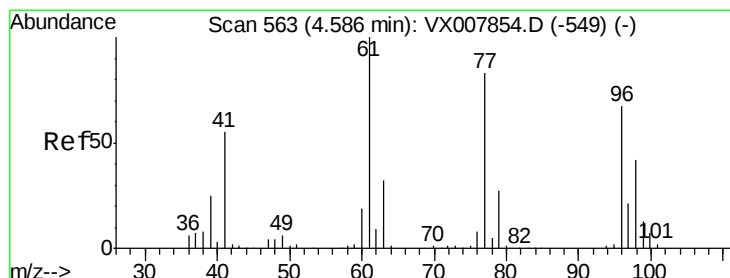
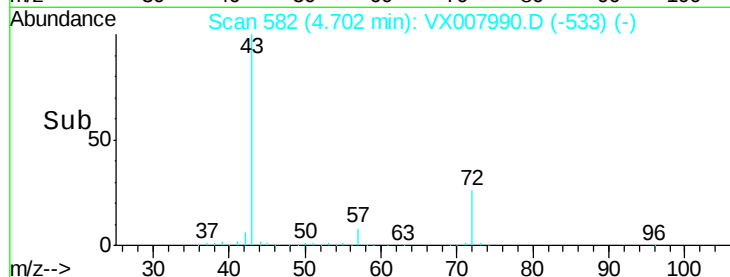
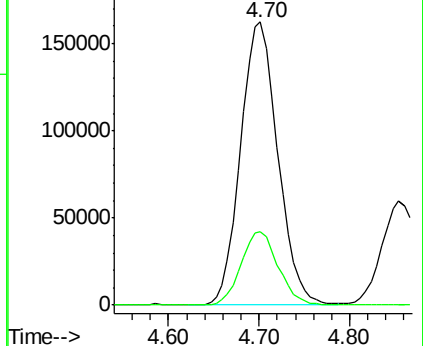
43 100

72 25.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 43.787 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007990.D

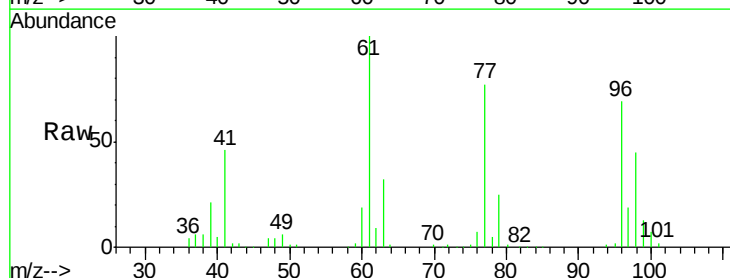
Acq: 12 Mar 2019 00:16

Tgt Ion: 77 Resp: 118718

Ion Ratio Lower Upper

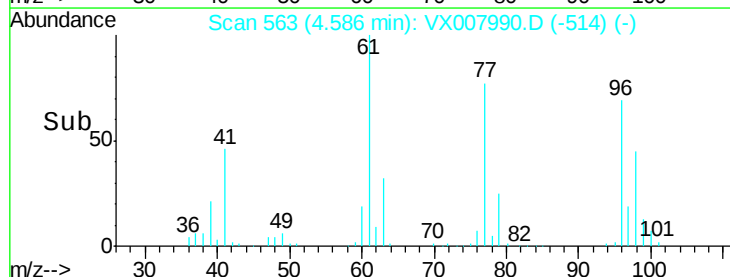
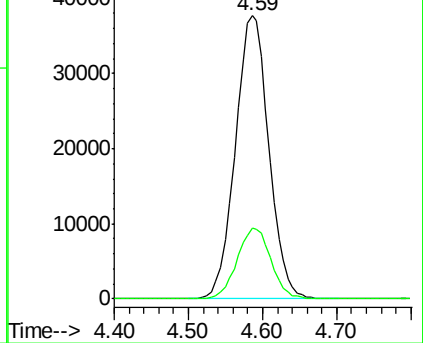
77 100

97 25.2 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



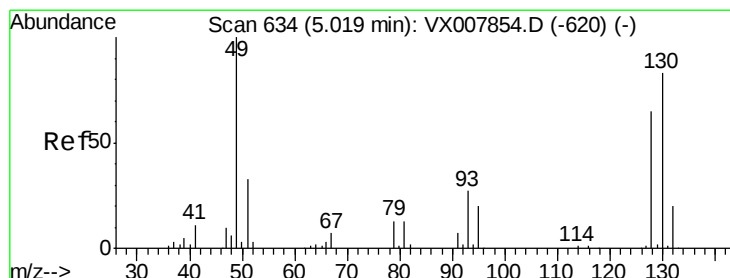
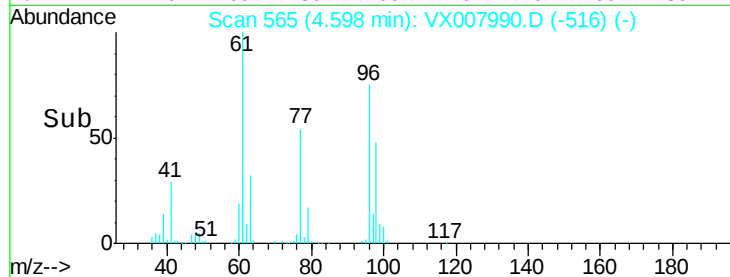
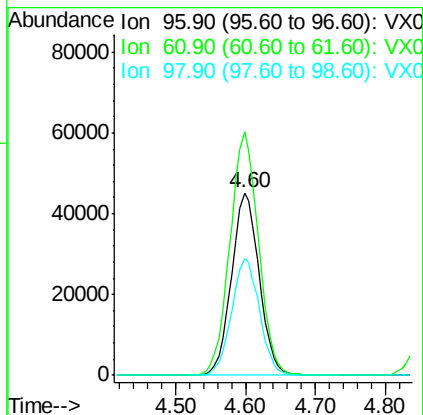
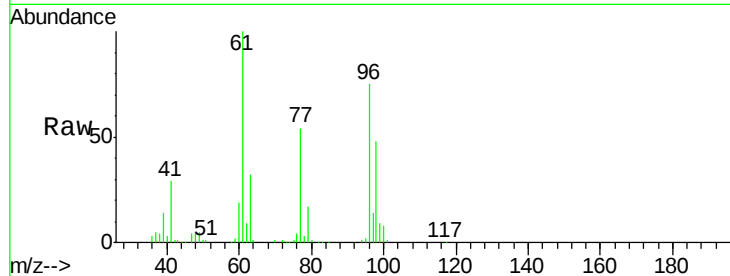


#27

cis-1,2-Dichloroethene
 Concen: 49.938 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

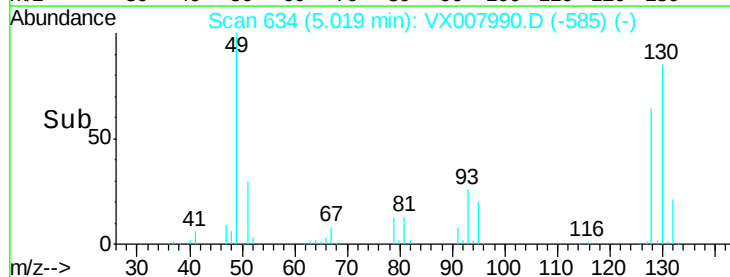
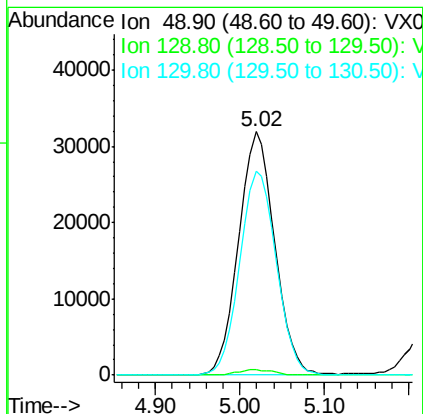
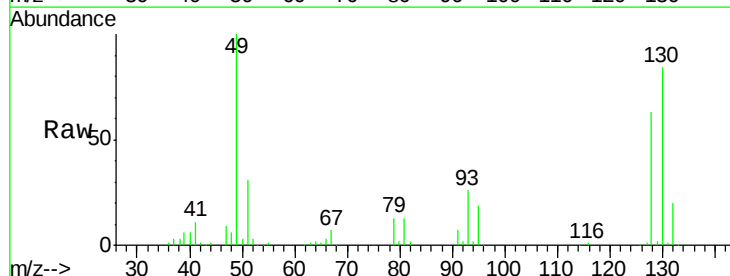
Tot Ion: 96 Resp: 124134
 Ion Ratio Lower Upper
 96 100
 61 137.8 0.0 288.0
 98 64.6 0.0 129.0

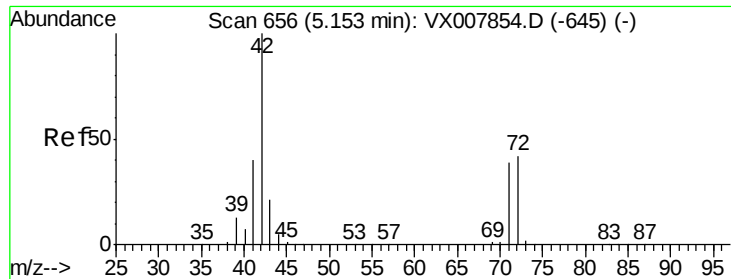


#28

Bromochloromethane
 Concen: 48.632 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion: 49 Resp: 92786
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 84.9 65.0 97.4

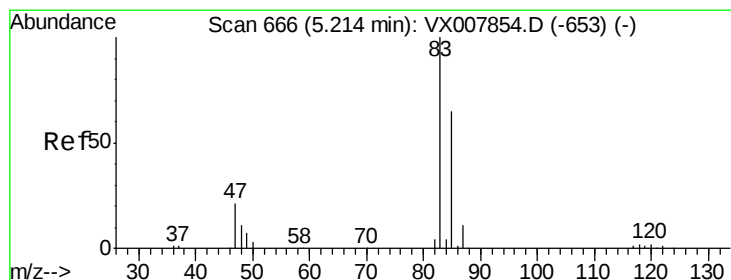
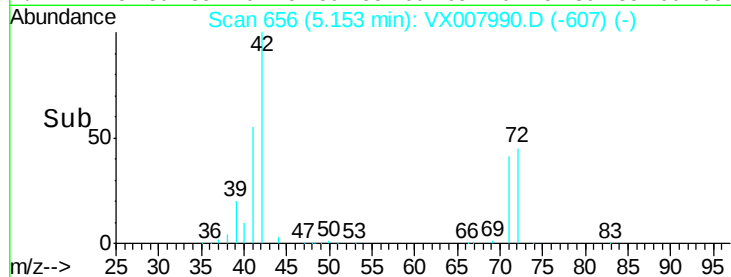
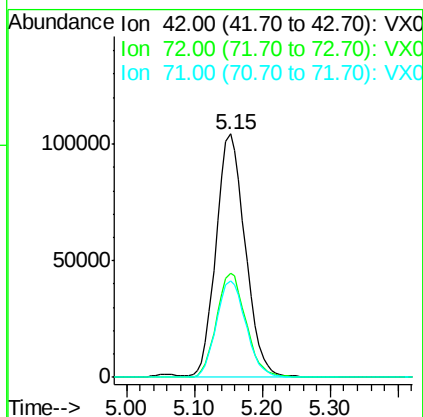
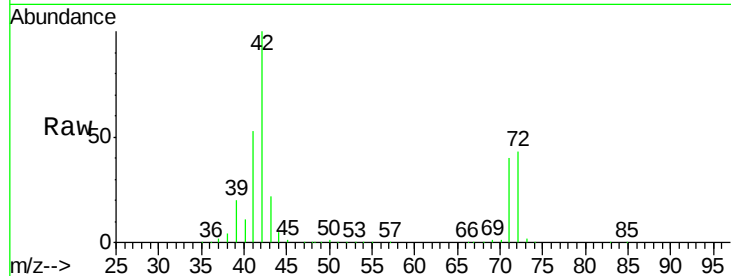




#29
Tetrahydrofuran
Concen: 247.708 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

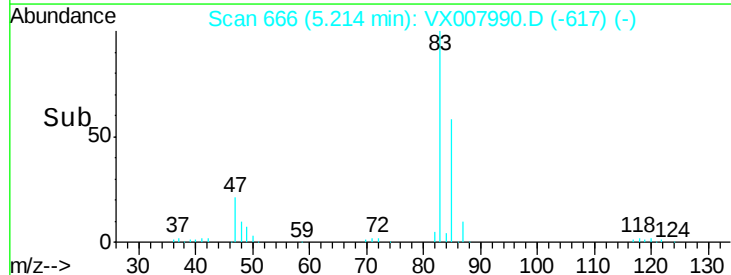
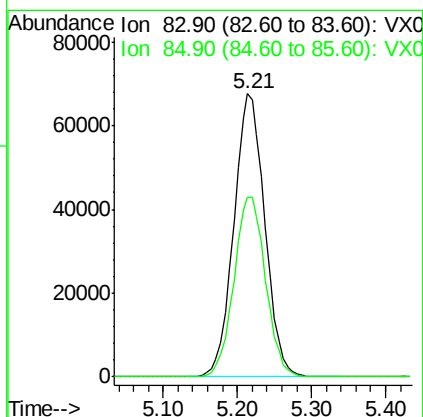
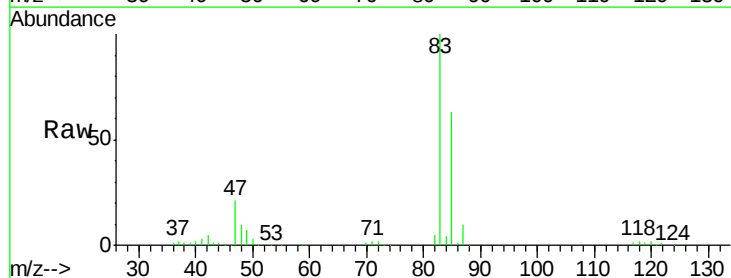
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

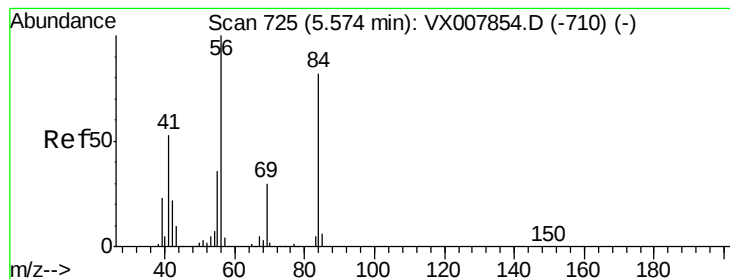
Tot Ion: 42 Resp: 309926
Ion Ratio Lower Upper
42 100
72 43.3 33.8 50.6
71 40.4 31.5 47.3



#30
Chloroform
Concen: 50.750 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion: 83 Resp: 196461
Ion Ratio Lower Upper
83 100
85 63.3 51.8 77.6





#31

Cyclohexane

Concen: 48.883 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

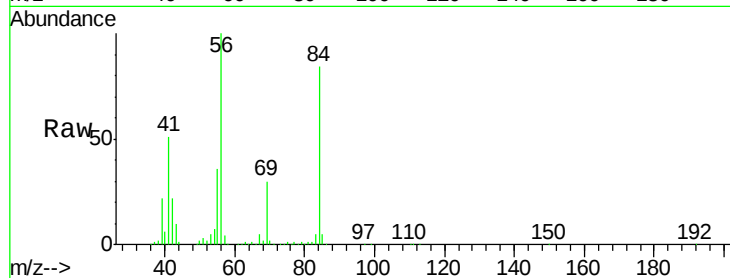
Tot Ion: 56 Resp: 183859

Ion Ratio Lower Upper

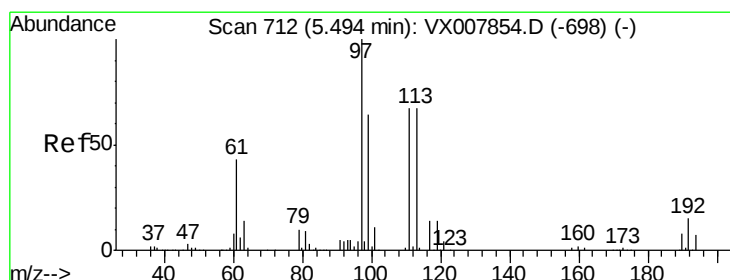
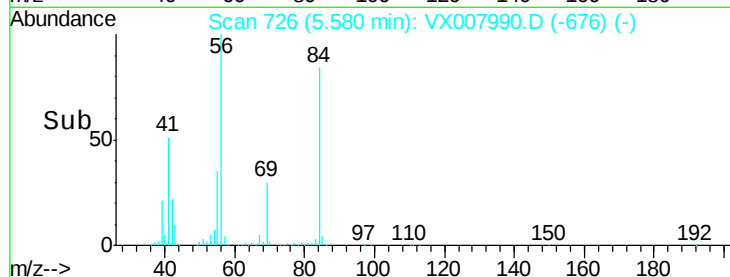
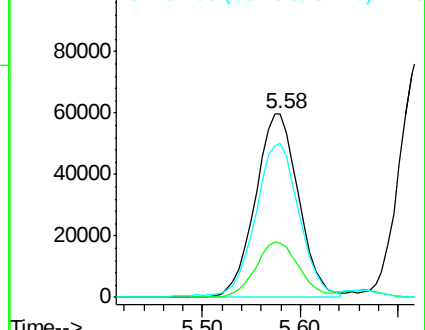
56 100

69 29.7 24.0 36.0

84 82.8 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 51.841 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

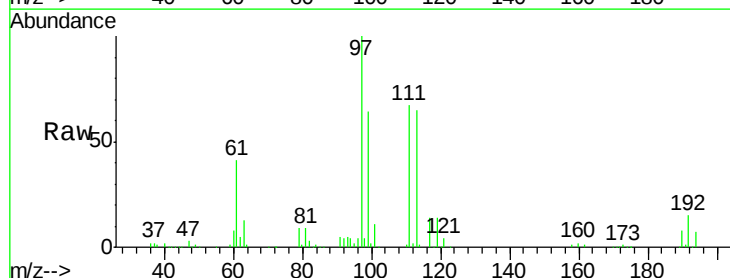
Tgt Ion: 97 Resp: 166510

Ion Ratio Lower Upper

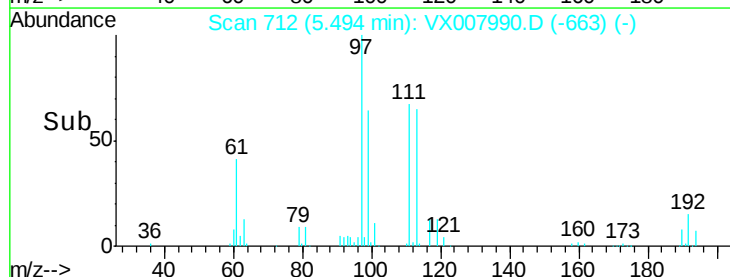
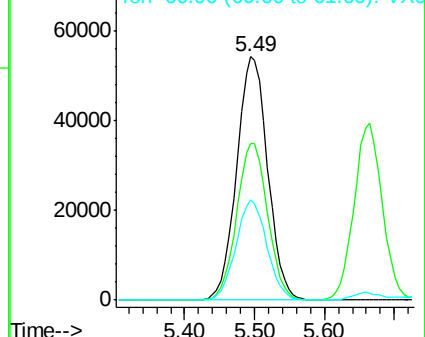
97 100

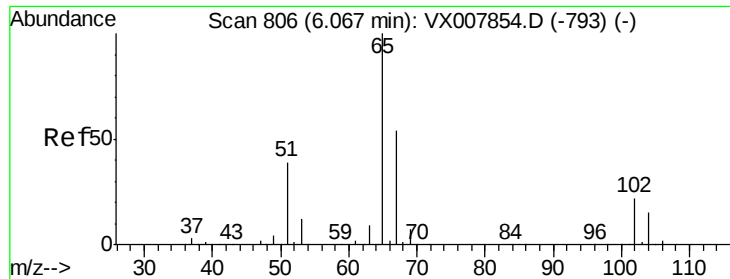
99 64.5 52.2 78.2

61 41.3 34.9 52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

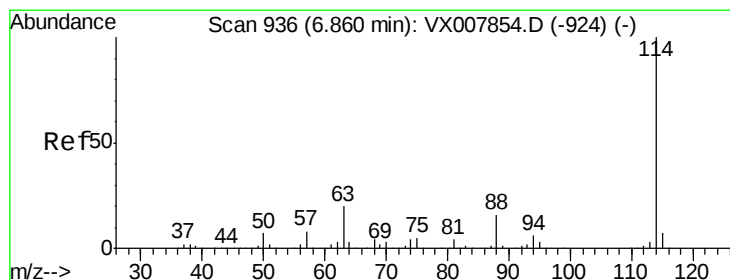
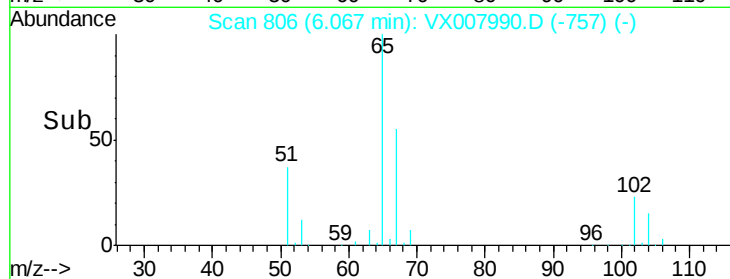
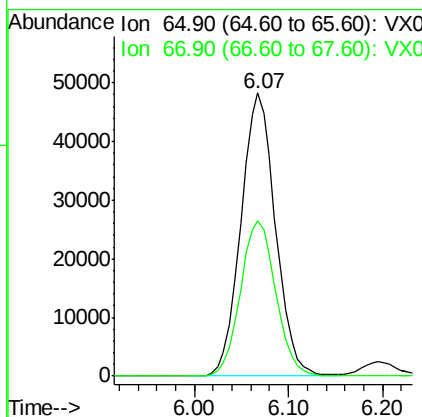
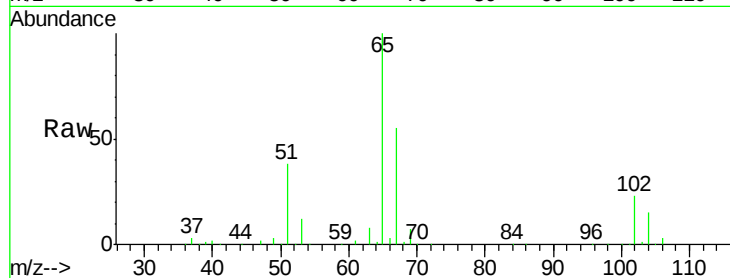




#33
 1,2-Dichloroethane-d4
 Concen: 50.556 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

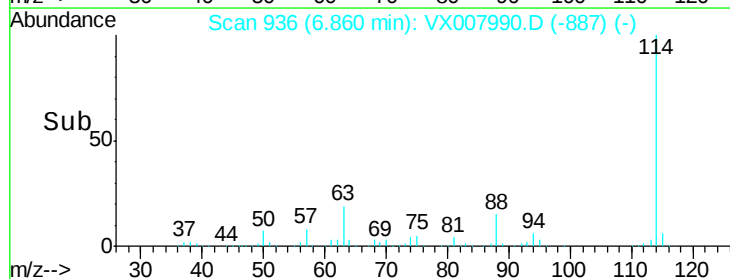
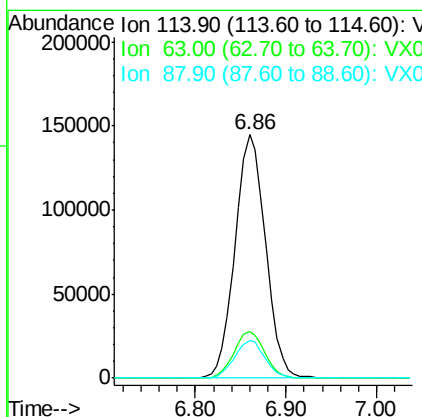
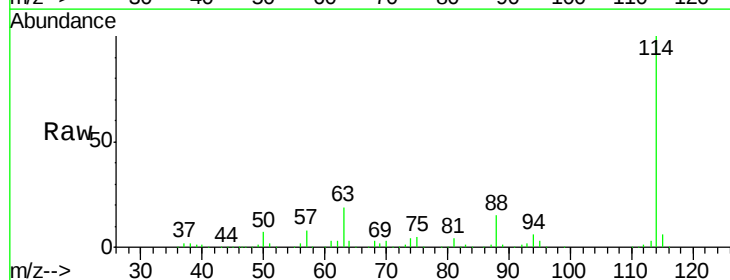
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

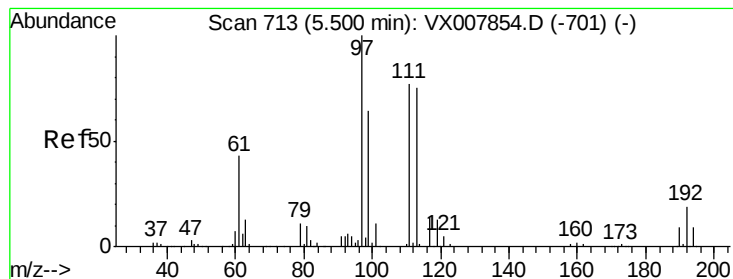
Tot Ion: 65 Resp: 123751
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion: 114 Resp: 337784
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.8
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.726 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

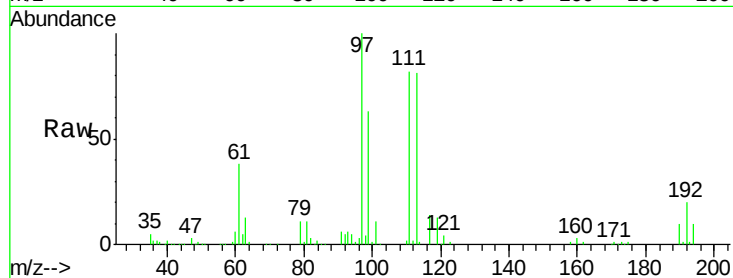
Tot Ion:113 Resp: 111764

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

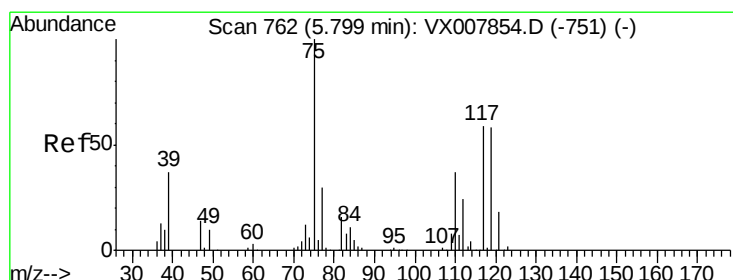
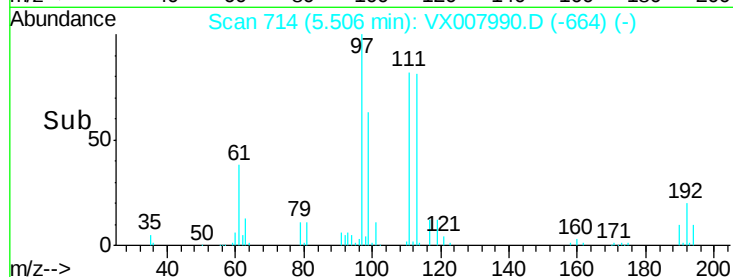
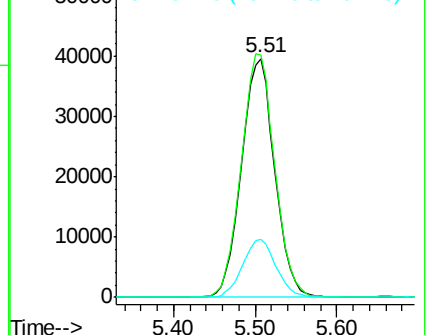
192 24.5 19.4 29.0



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: 48.262 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

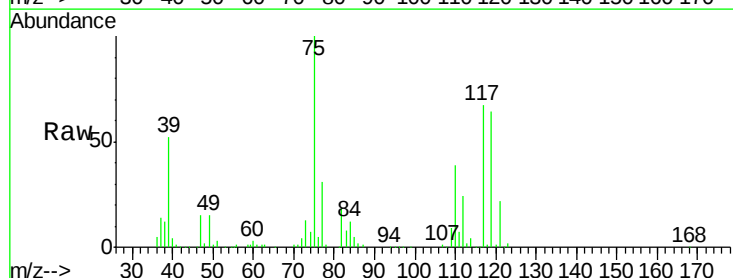
Tgt Ion: 75 Resp: 147613

Ion Ratio Lower Upper

75 100

110 37.8 18.4 55.0

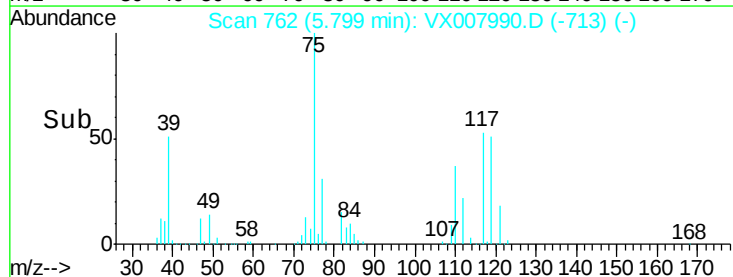
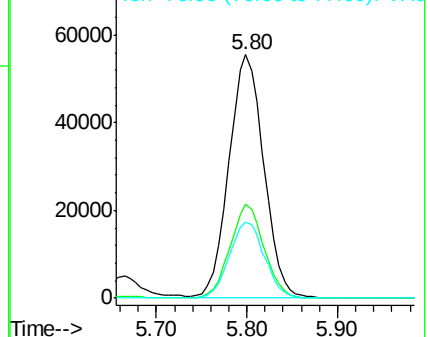
77 31.9 25.0 37.4

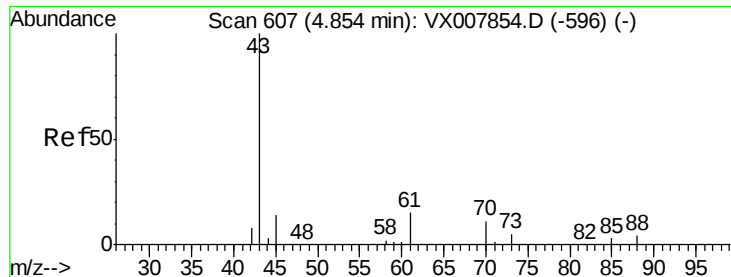


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

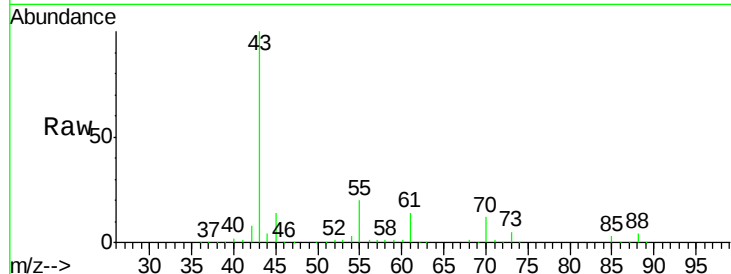




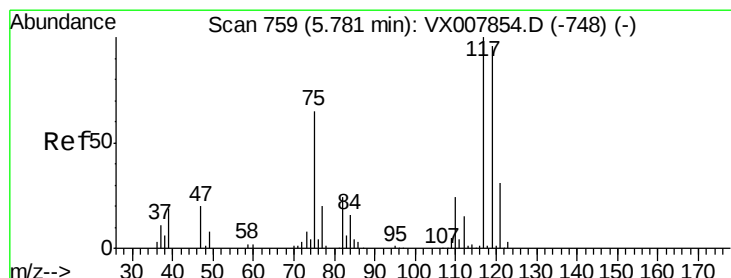
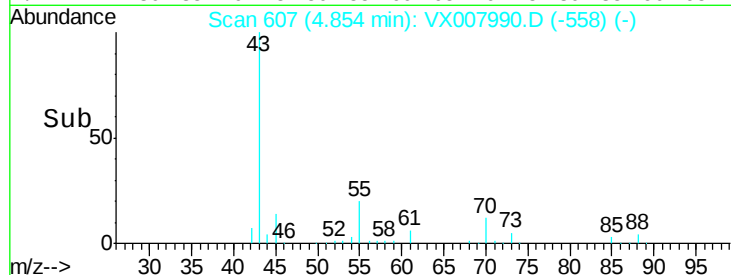
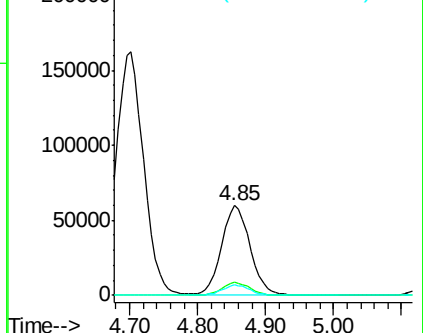
#37
Ethyl Acetate
Concen: 47.896 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 173841
Ion Ratio Lower Upper
43 100
61 14.0 11.3 16.9
70 11.2 8.5 12.7

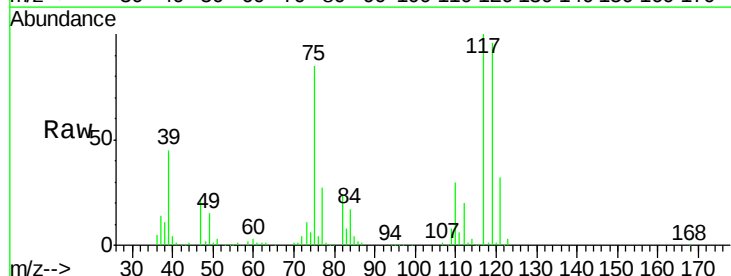


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

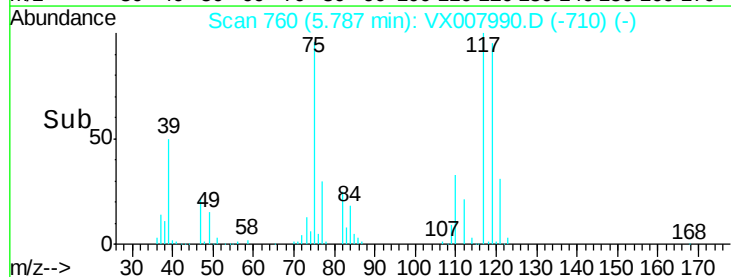
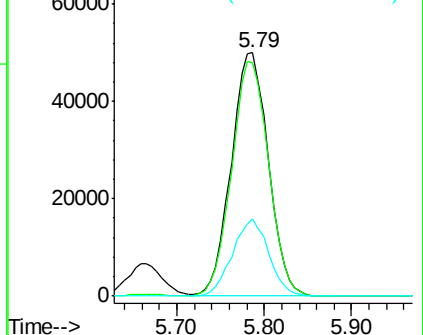


#38
Carbon Tetrachloride
Concen: 50.708 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion: 117 Resp: 147240
Ion Ratio Lower Upper
117 100
119 95.7 76.2 114.2
121 31.6 24.6 36.8



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

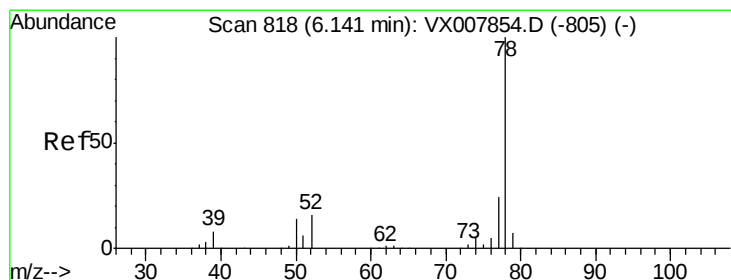
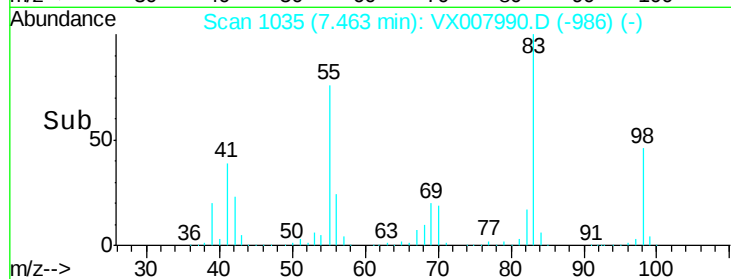
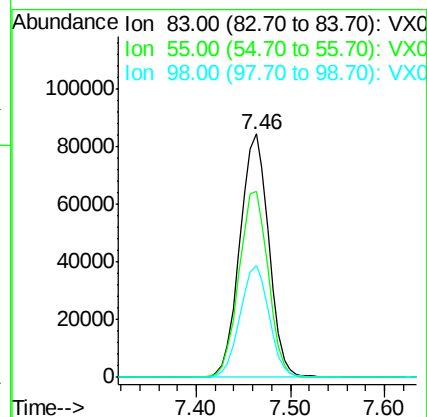
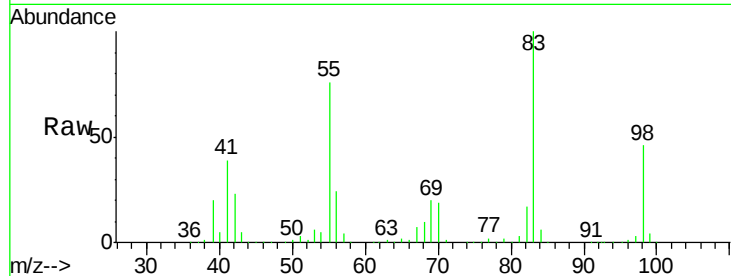




#39
Methvlcvclohexane
Concen: 48.804 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

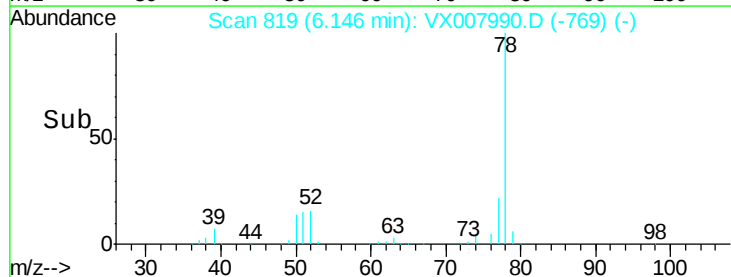
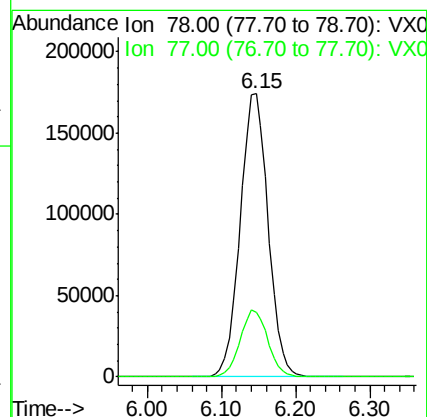
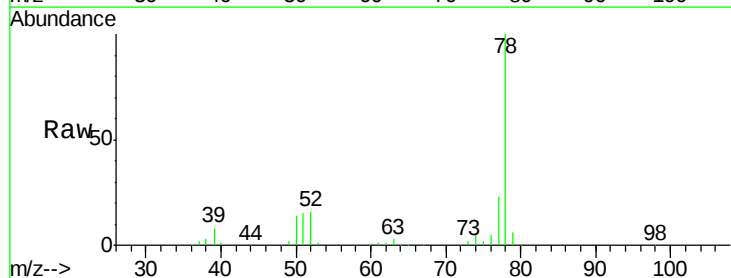
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 180875
Ion Ratio Lower Upper
83 100
55 76.2 60.4 90.6
98 45.7 36.5 54.7



#40
Benzene
Concen: 50.391 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion: 78 Resp: 458838
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4





#41

Methacrylonitrile

Concen: 49.679 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 98308

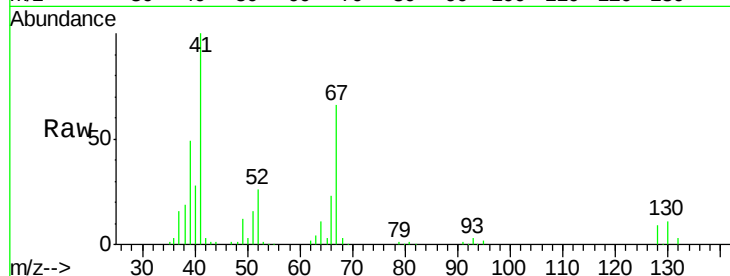
Ion Ratio Lower Upper

41 100

39 51.8 41.6 62.4

67 70.4 55.8 83.6

52 27.3 21.7 32.5

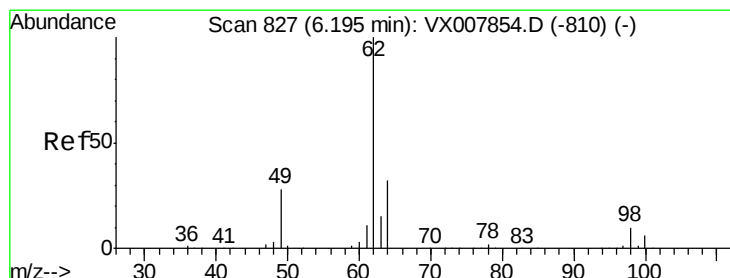
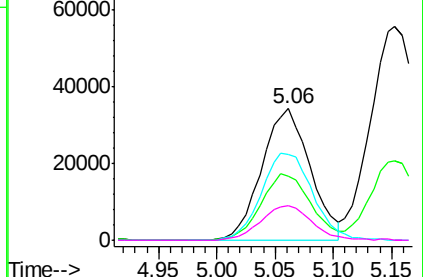
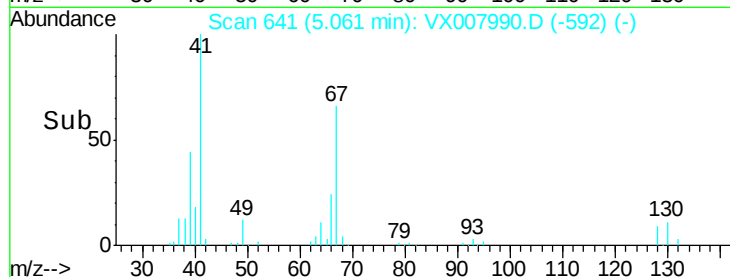


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.771 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007990.D

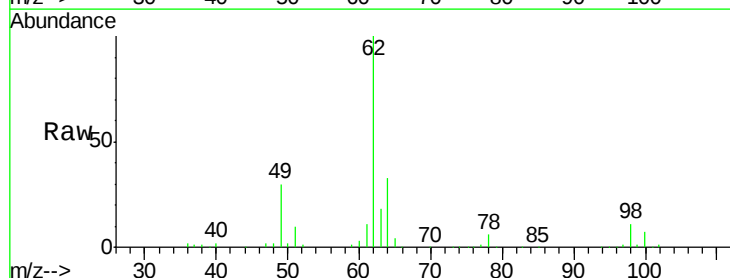
Acq: 12 Mar 2019 00:16

Tgt Ion: 62 Resp: 148207

Ion Ratio Lower Upper

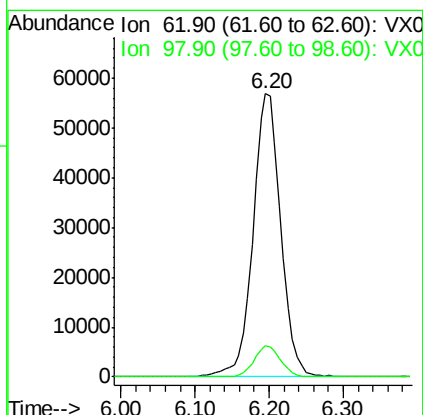
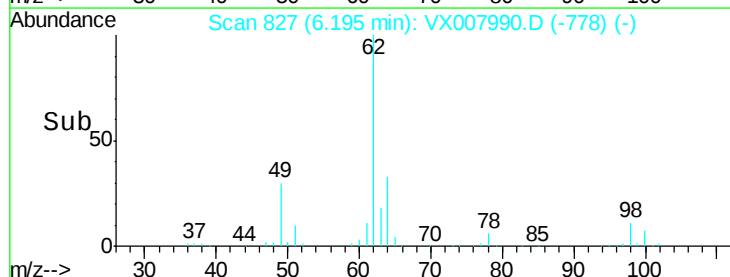
62 100

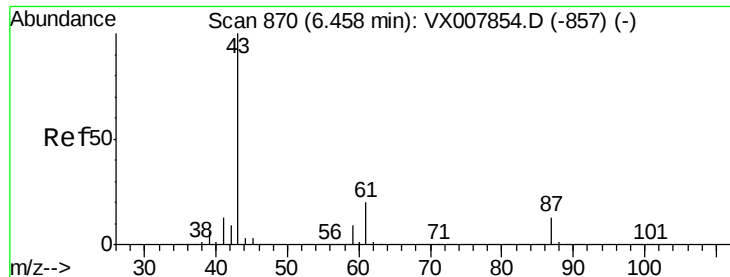
98 10.5 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.060 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

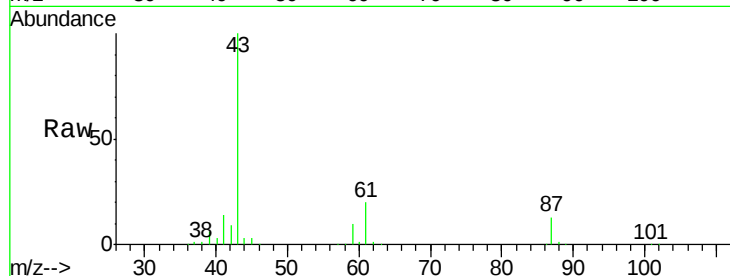
Tot Ion: 43 Resp: 268905

Ion Ratio Lower Upper

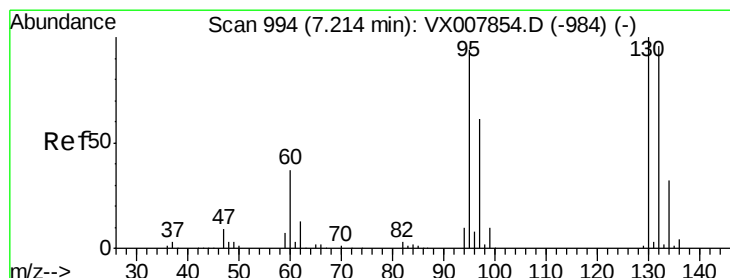
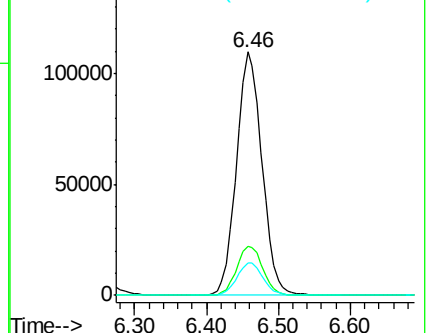
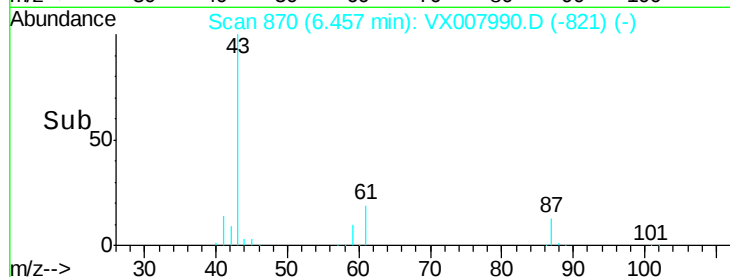
43 100

61 20.9 16.3 24.5

87 13.7 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX007990.D (-821) (-)



#44

Trichloroethene

Concen: 59.629 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007990.D

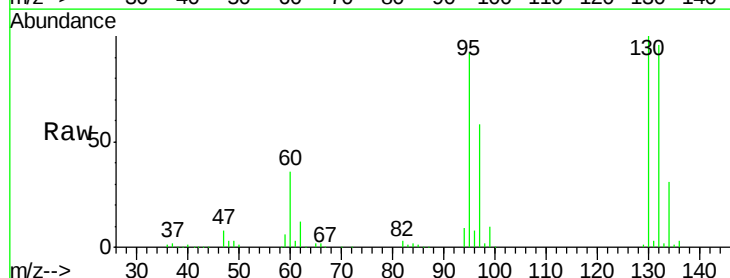
Acq: 12 Mar 2019 00:16

Tgt Ion:130 Resp: 149628

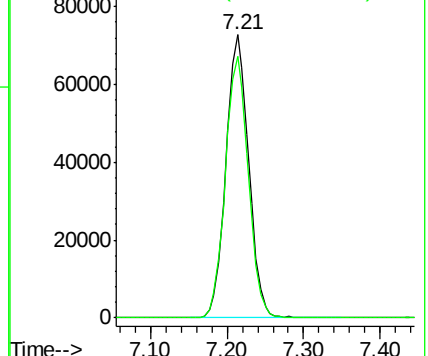
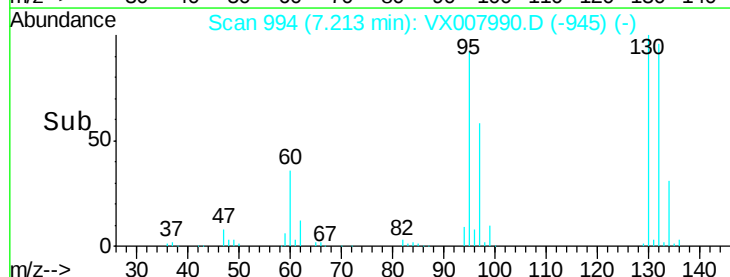
Ion Ratio Lower Upper

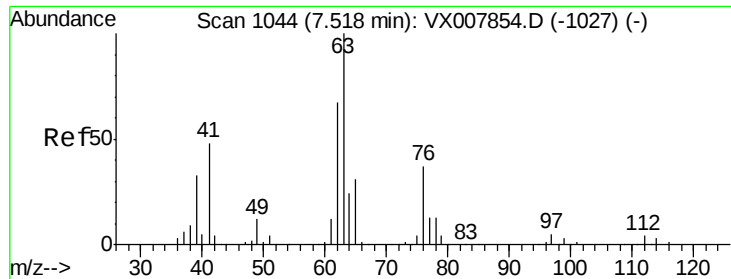
130 100

95 92.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VX007990.D (-945) (-)





#45

1,2-Dichloropropane

Concen: 50.437 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

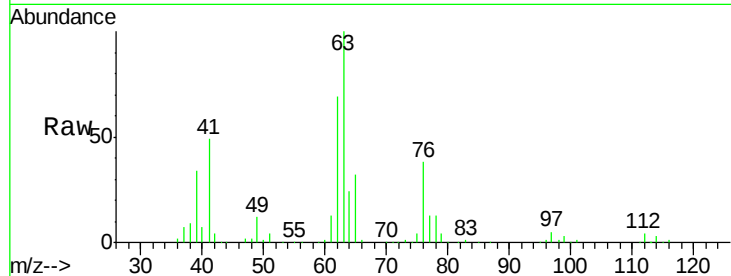
VSTDCCC050EC

Tot Ion: 63 Resp: 121298

Ion Ratio Lower Upper

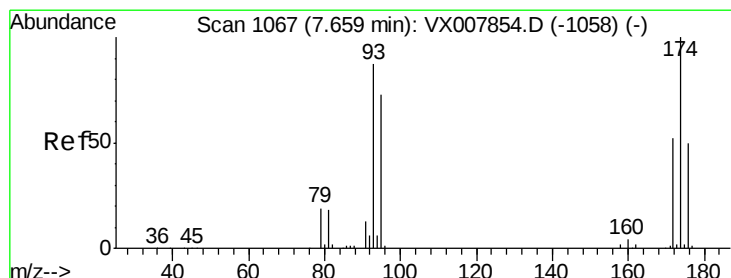
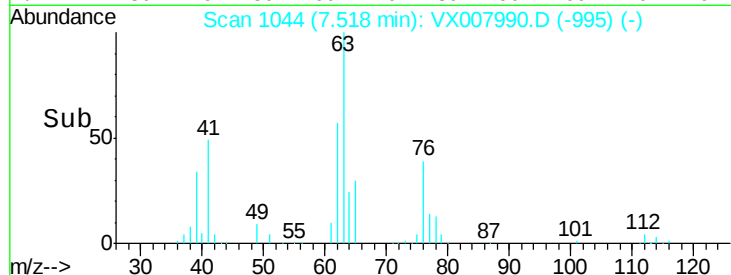
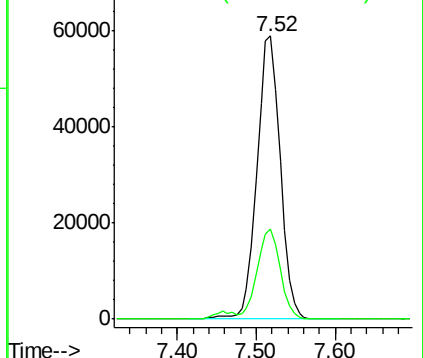
63 100

65 31.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.502 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

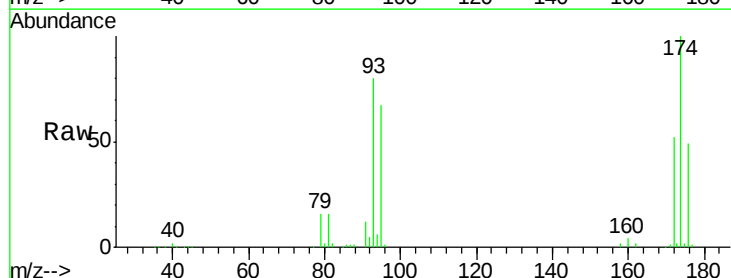
Tgt Ion: 93 Resp: 76862

Ion Ratio Lower Upper

93 100

95 84.4 66.8 100.2

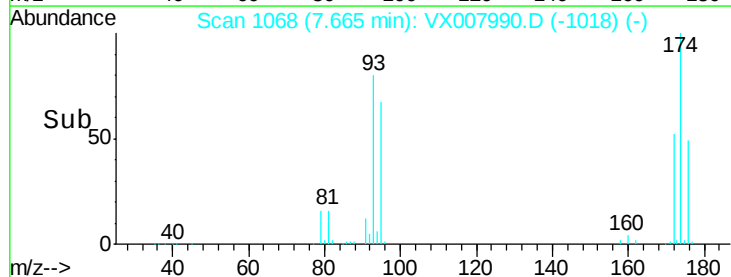
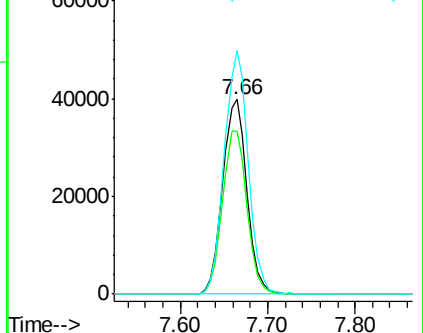
174 123.6 97.3 145.9

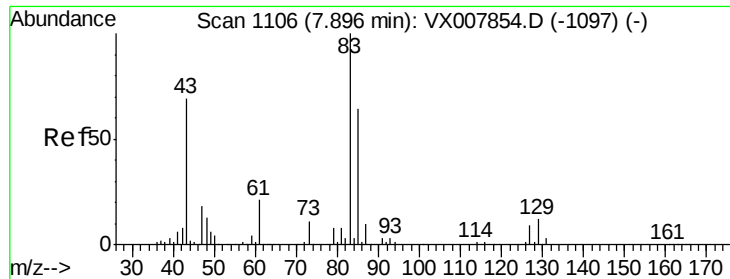


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.696 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

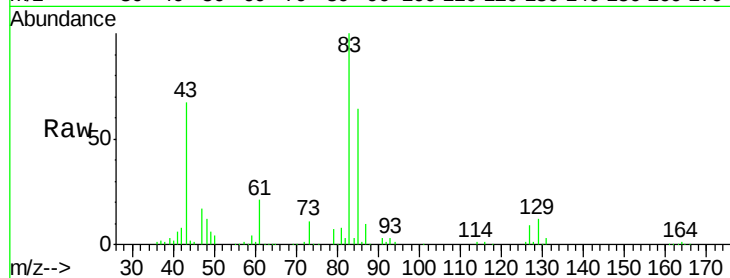
Tot Ion: 83 Resp: 146288

Ion Ratio Lower Upper

83 100

85 63.6 50.9 76.3

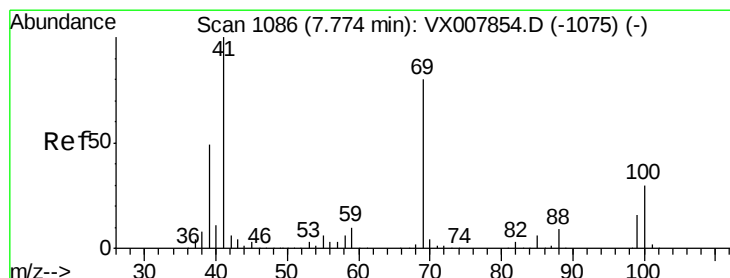
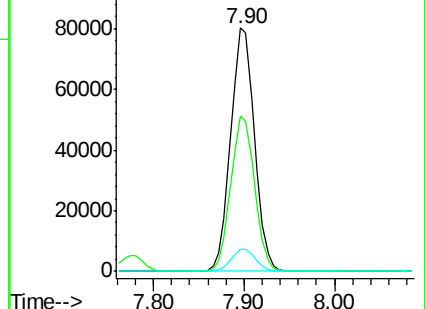
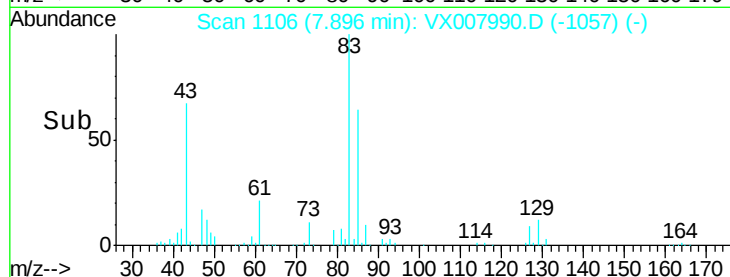
127 9.1 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX007854.D (-1097) (-)

Ion 84.90 (84.60 to 85.60): VX007854.D (-1097) (-)

Ion 126.80 (126.50 to 127.50): VX007854.D (-1097) (-)



#48

Methyl methacrylate

Concen: 49.696 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

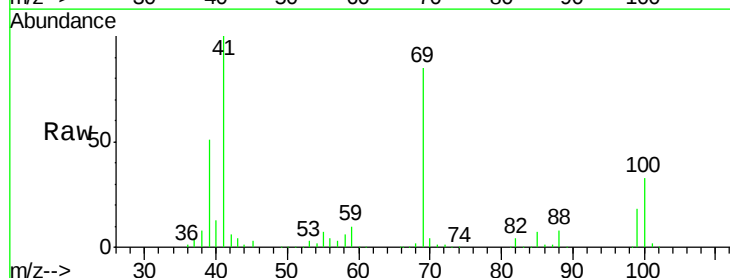
Tgt Ion: 41 Resp: 140350

Ion Ratio Lower Upper

41 100

69 84.7 65.2 97.8

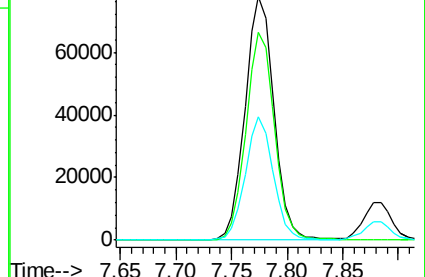
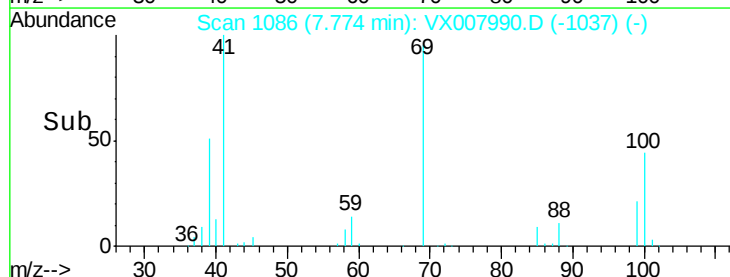
39 49.1 39.4 59.2

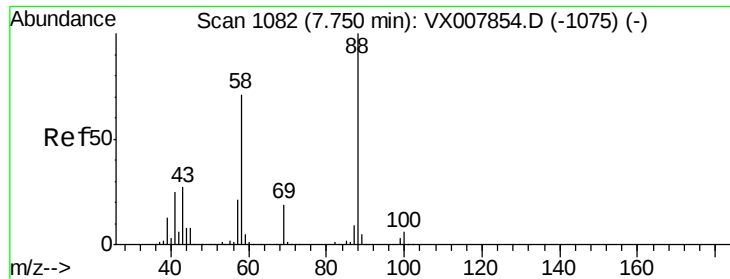


Abundance Ion 41.00 (40.70 to 41.70): VX007854.D (-1075) (-)

Ion 69.00 (68.70 to 69.70): VX007854.D (-1075) (-)

Ion 39.00 (38.70 to 39.70): VX007854.D (-1075) (-)

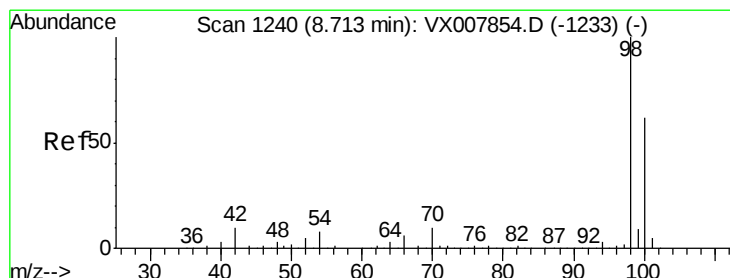
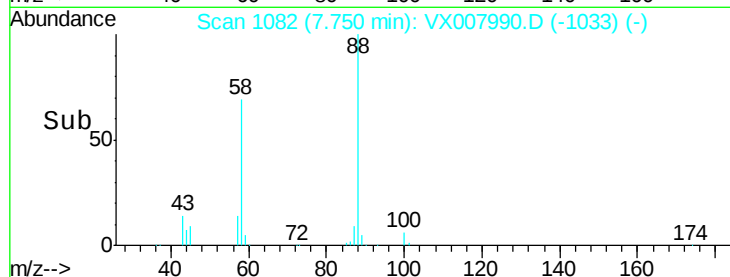
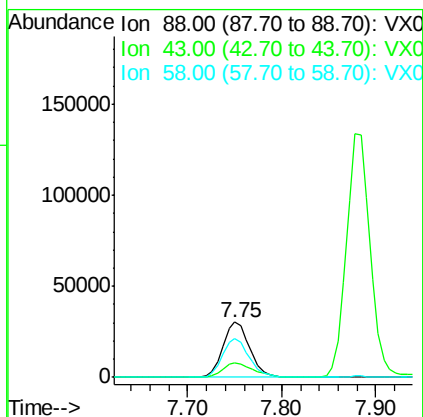
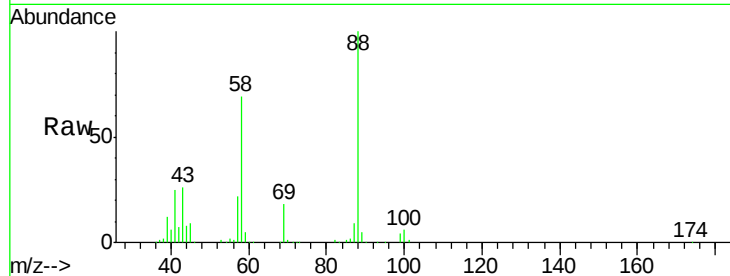




#49
1,4-Dioxane
Concen: 1022.611 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

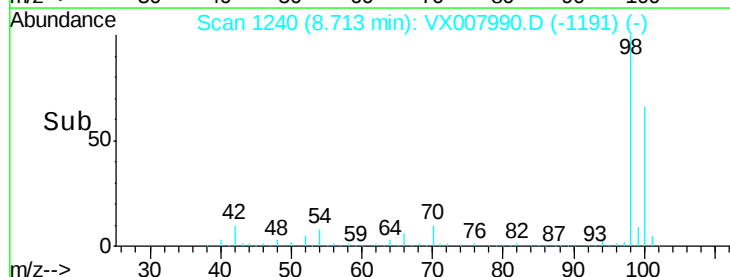
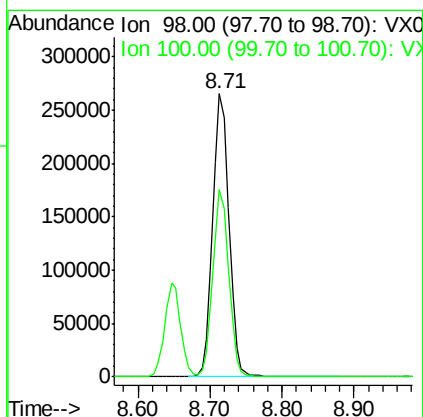
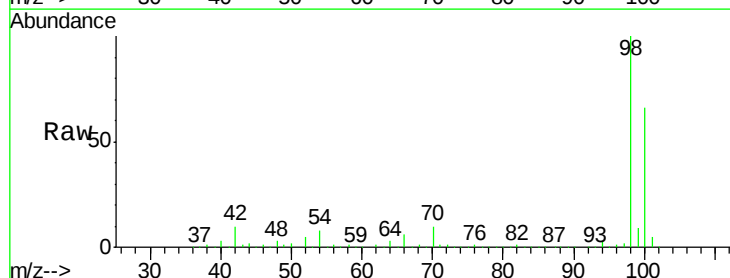
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

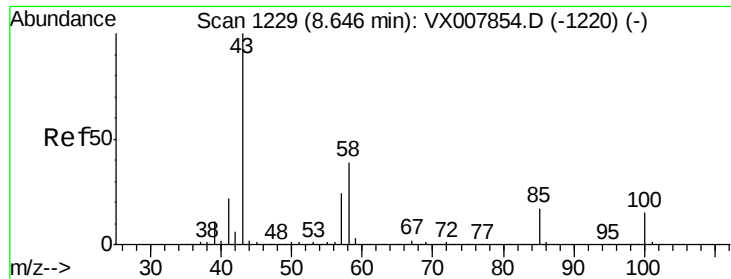
Tot Ion: 88 Resp: 59327
Ion Ratio Lower Upper
88 100
43 31.6 25.1 37.7
58 70.8 57.8 86.6



#50
Toluene-d8
Concen: 52.326 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion: 98 Resp: 415218
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 250.376 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

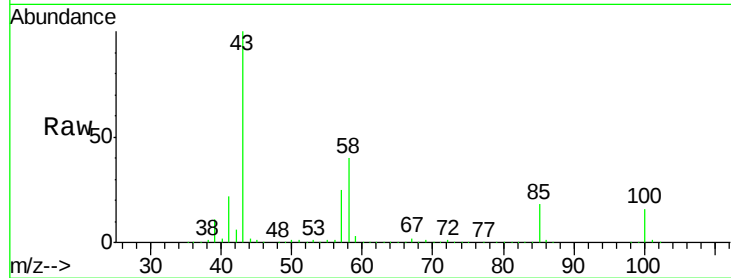
VSTDCCC050EC

Tot Ion: 43 Resp: 864930

Ion Ratio Lower Upper

43 100

58 39.8 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

600000

500000

400000

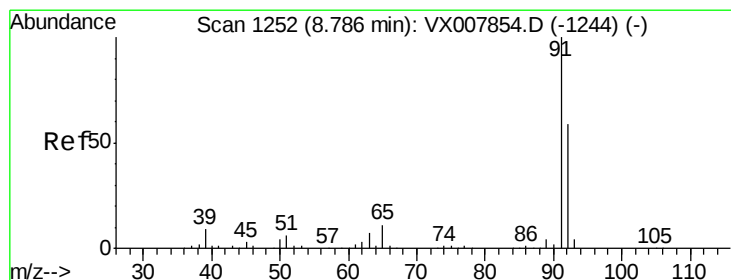
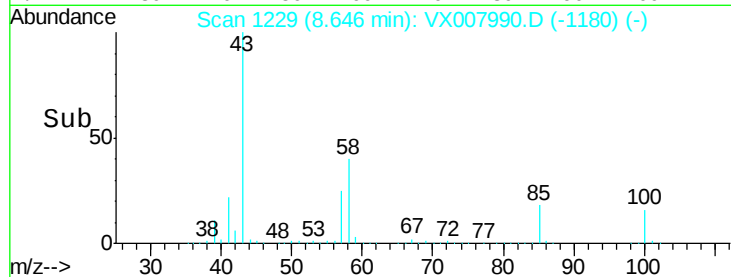
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.908 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007990.D

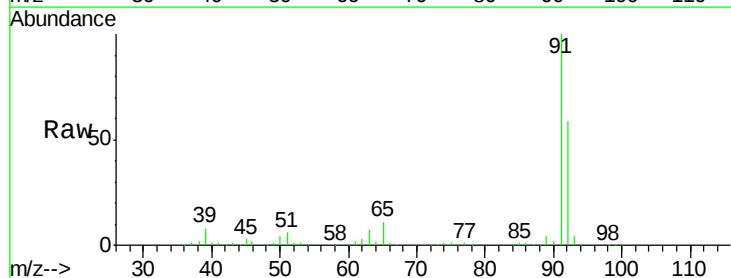
Acq: 12 Mar 2019 00:16

Tgt Ion: 92 Resp: 283006

Ion Ratio Lower Upper

92 100

91 170.7 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

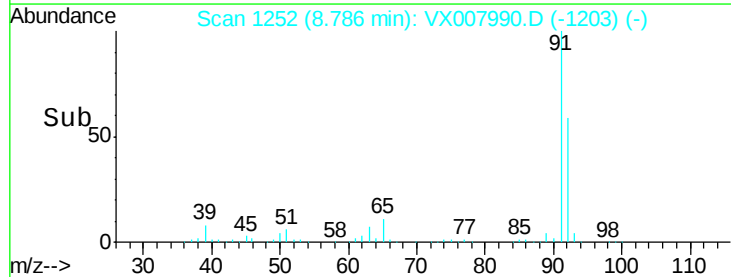
300000

200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 52.545 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

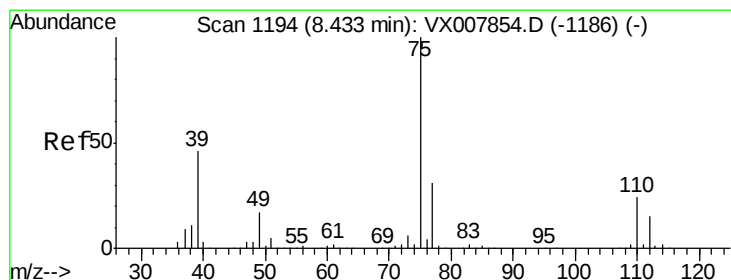
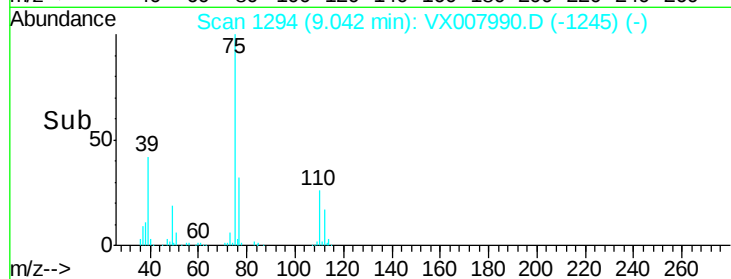
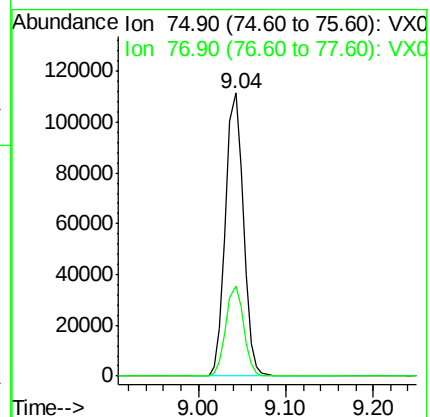
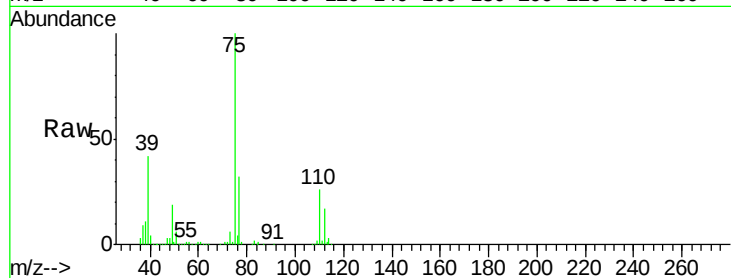
VSTDCCC050EC

Tot Ion: 75 Resp: 158255

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.039 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

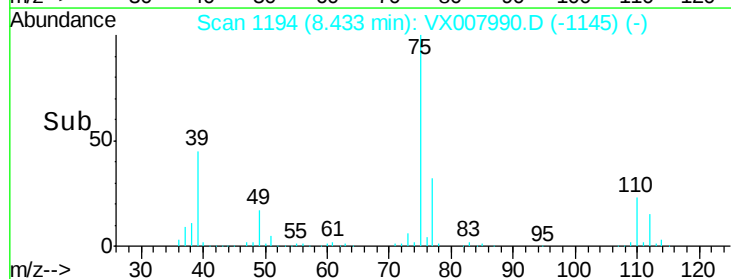
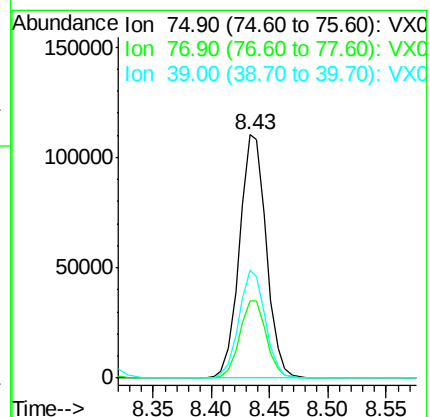
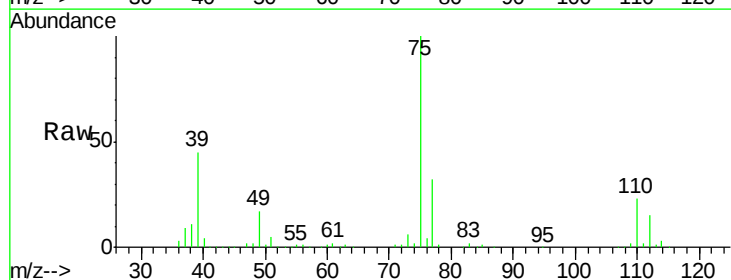
Tgt Ion: 75 Resp: 176989

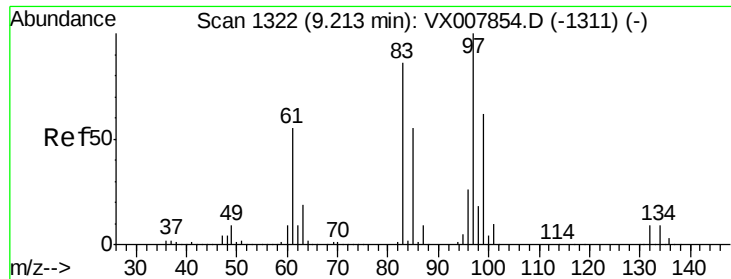
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.6

39 44.5 36.6 54.8



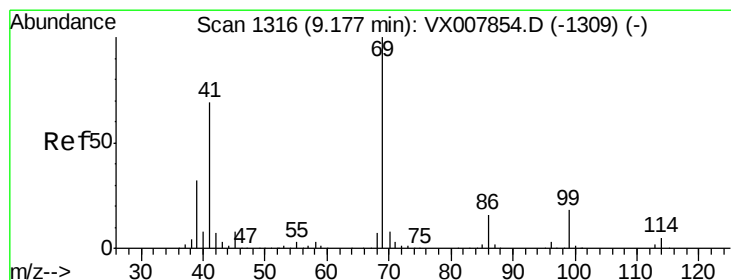
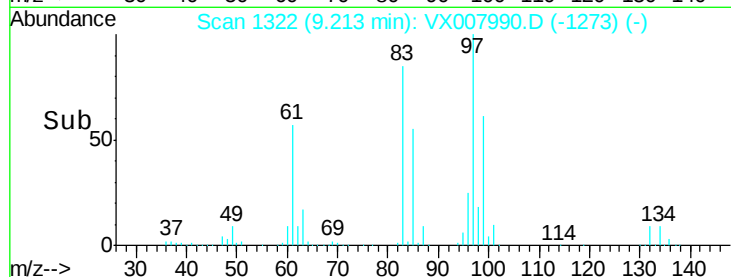
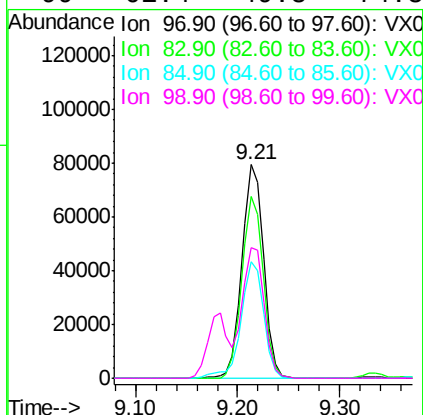
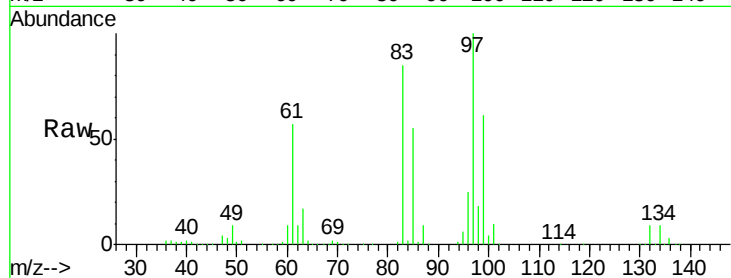


#55
 1,1,2-Trichloroethane
 Concen: 51.793 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 97 Resp: 116554

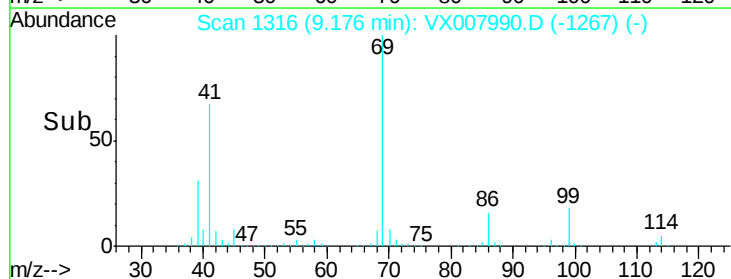
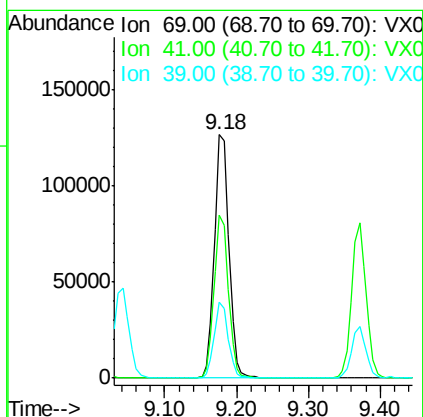
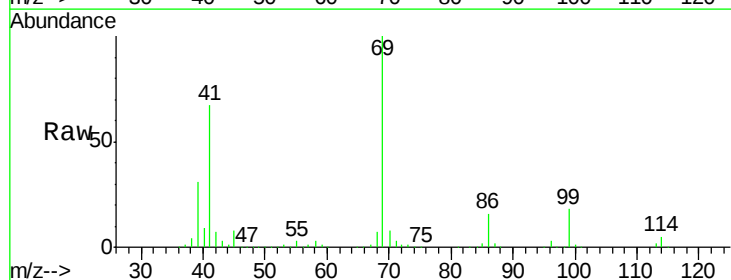
Ion	Ratio	Lower	Upper
97	100		
83	84.9	69.1	103.7
85	54.7	44.3	66.5
99	61.4	49.8	74.8

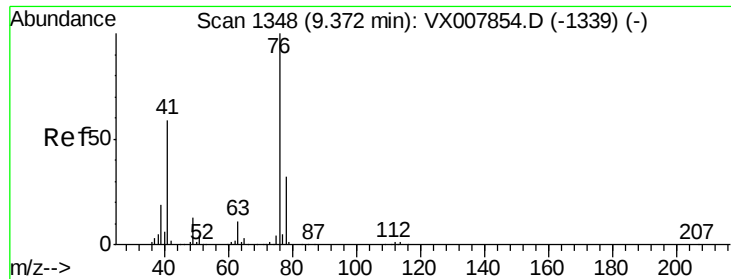


#56
 Ethyl methacrylate
 Concen: 52.431 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion: 69 Resp: 177156

Ion	Ratio	Lower	Upper
69	100		
41	66.0	54.2	81.4
39	30.2	25.0	37.4





#57

1,3-Dichloropropane

Concen: 50.573 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

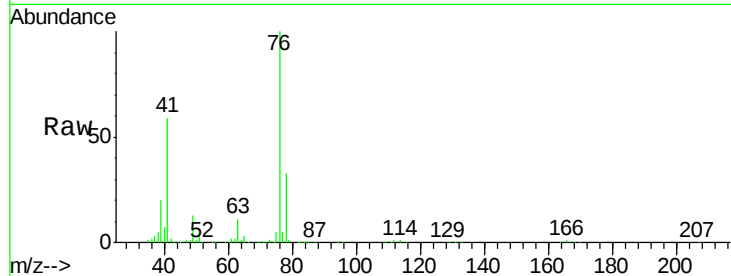
VSTDCCC050EC

Tot Ion: 76 Resp: 191093

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

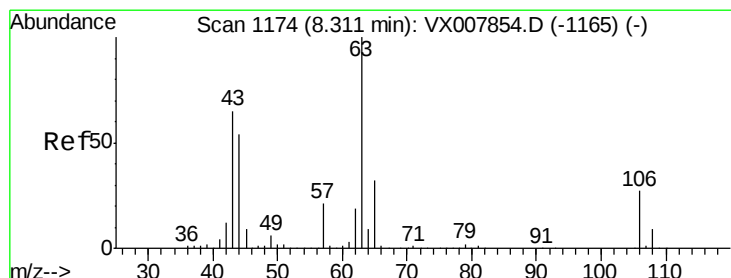
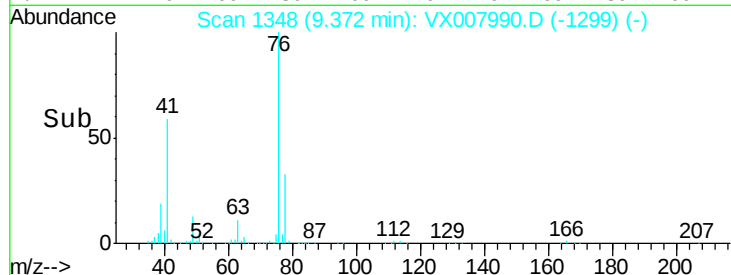
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 274.957 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007990.D

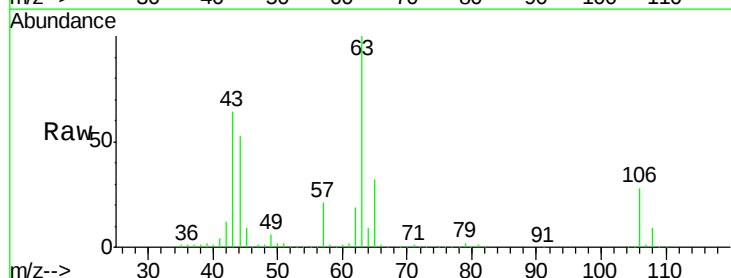
Acq: 12 Mar 2019 00:16

Tgt Ion: 63 Resp: 480572

Ion Ratio Lower Upper

63 100

106 28.5 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

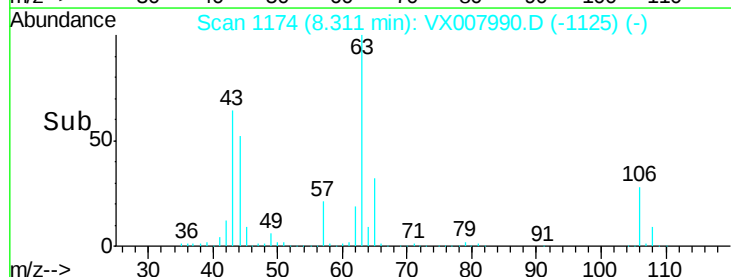
300000

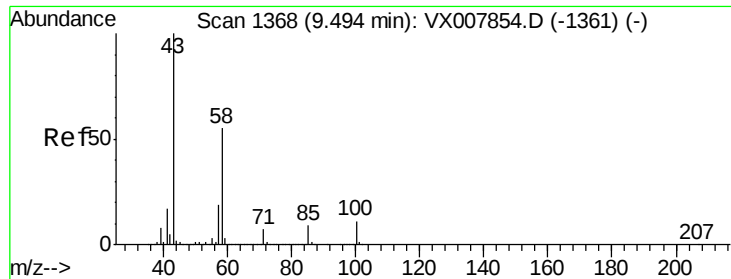
200000

100000

0

Time-->

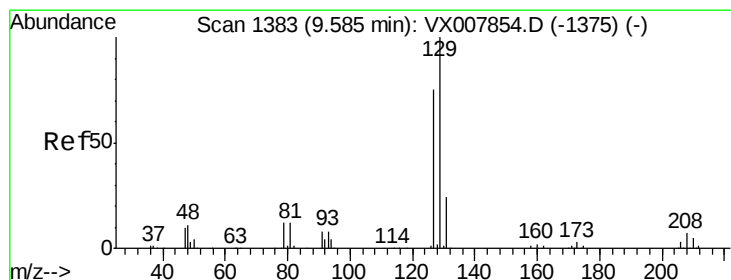
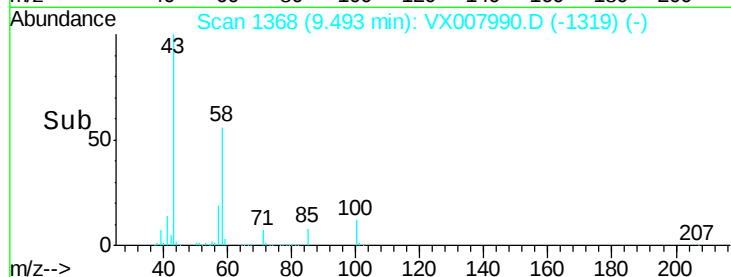
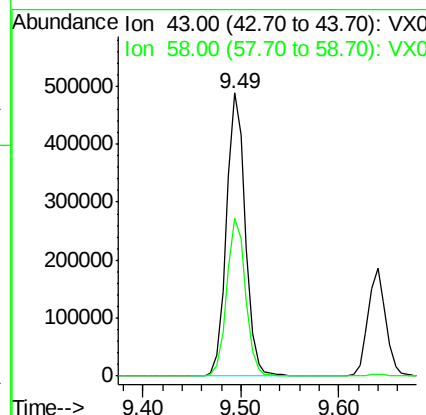
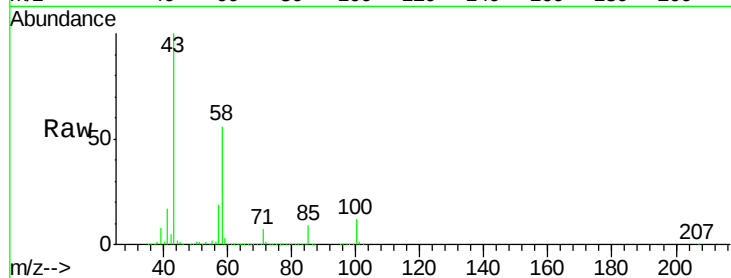




#59
2-Hexanone
Concen: 242.558 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

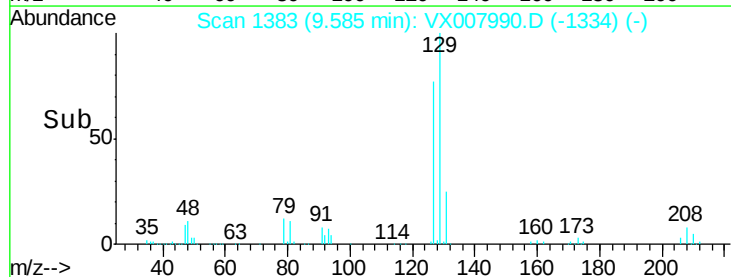
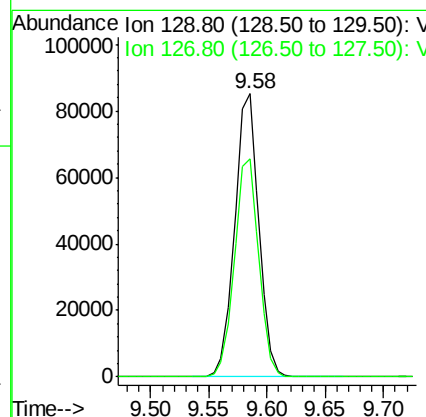
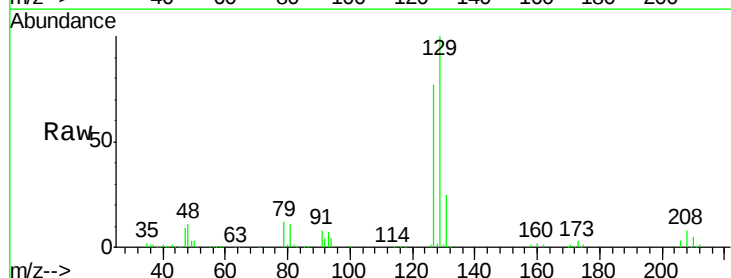
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

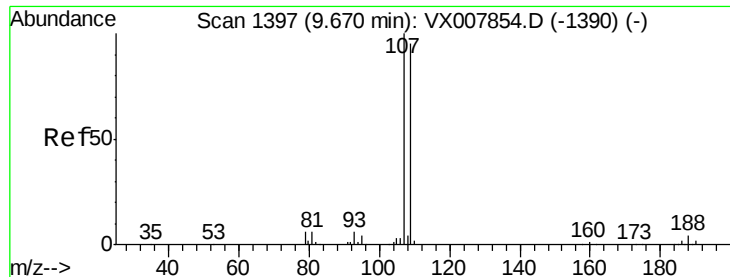
Tot Ion: 43 Resp: 650547
Ion Ratio Lower Upper
43 100
58 55.9 27.6 82.7



#60
Dibromochloromethane
Concen: 52.059 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion: 129 Resp: 122452
Ion Ratio Lower Upper
129 100
127 77.9 38.3 114.8





#61

1,2-Dibromoethane

Concen: 51.935 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

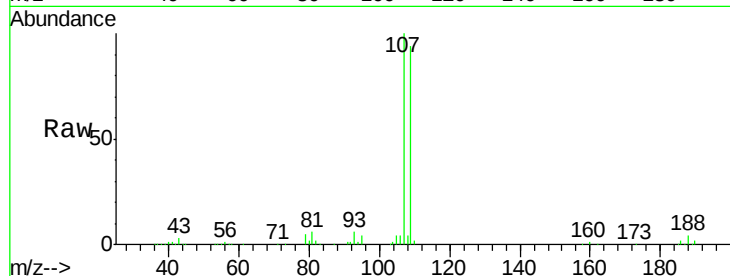
VSTDCCC050EC

Tot Ion:107 Resp: 124088

Ion Ratio Lower Upper

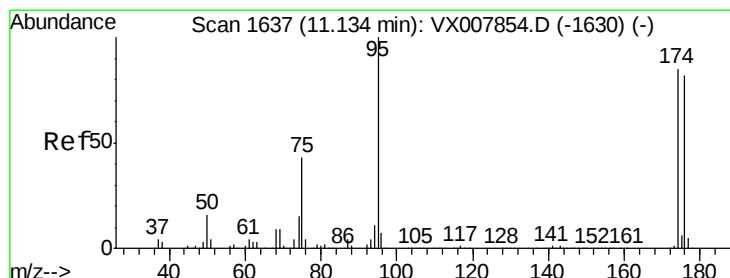
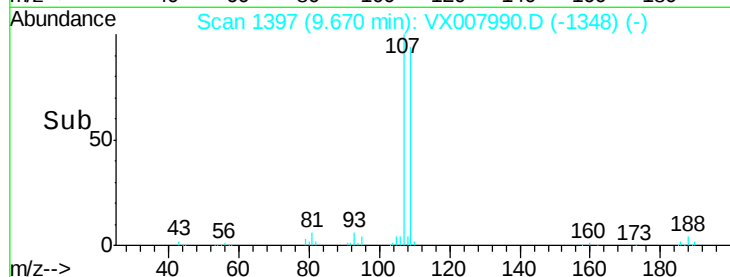
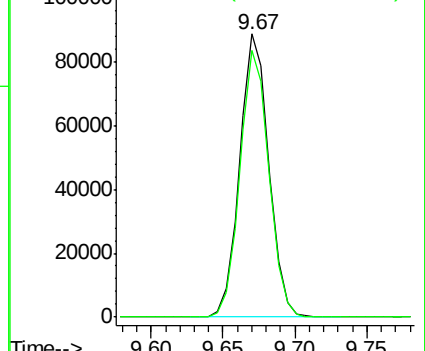
107 100

109 94.0 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.631 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

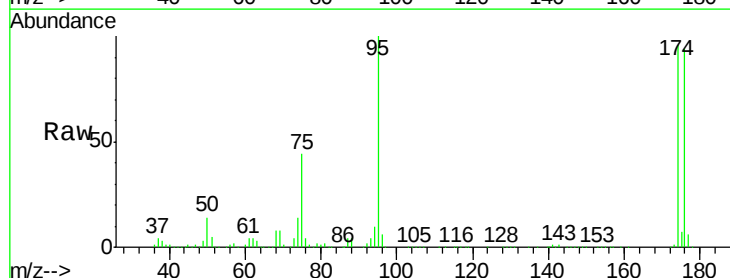
Tgt Ion: 95 Resp: 146425

Ion Ratio Lower Upper

95 100

174 92.6 0.0 182.8

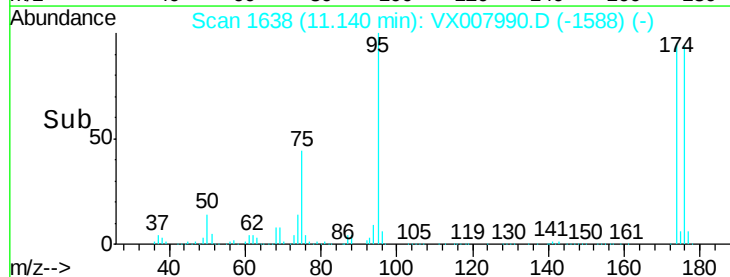
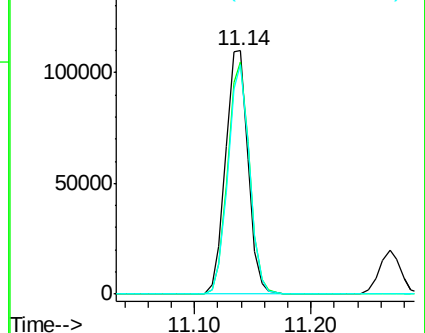
176 90.6 0.0 178.0

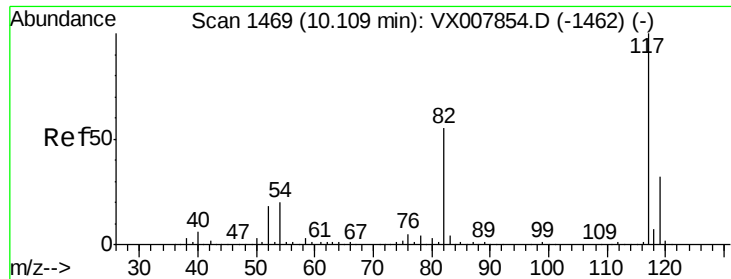


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

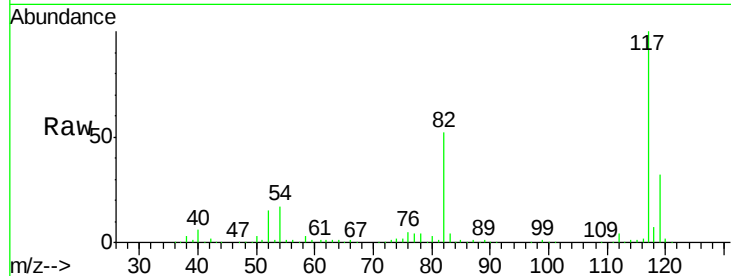




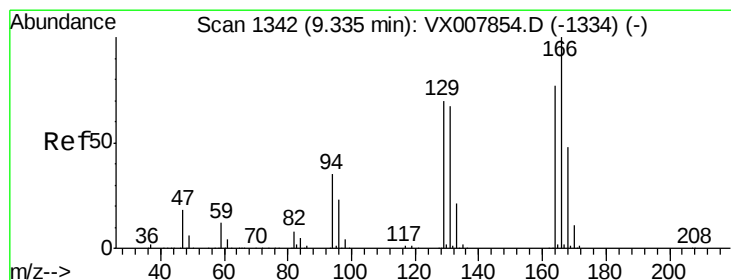
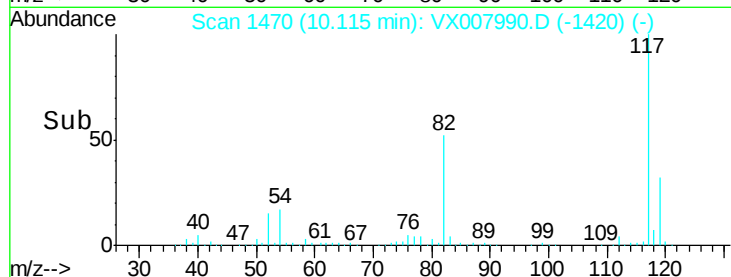
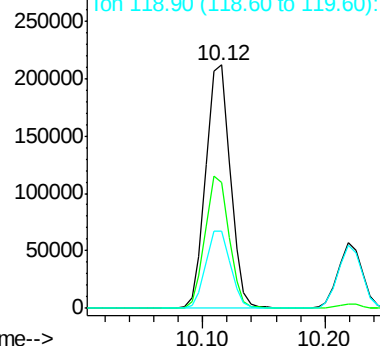
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 293861
Ion Ratio Lower Upper
117 100
82 51.6 44.3 66.5
119 31.8 25.3 37.9



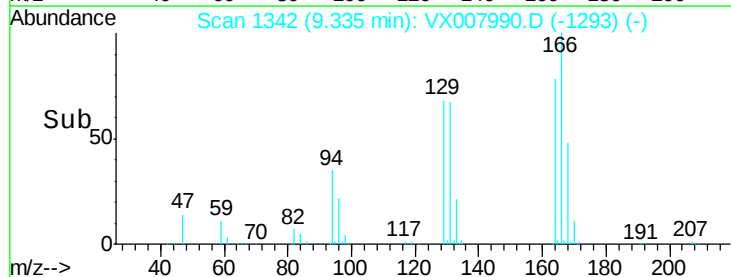
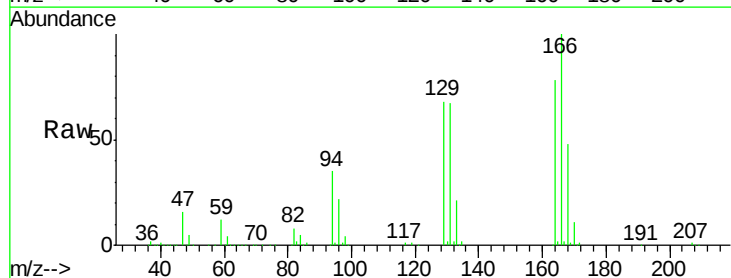
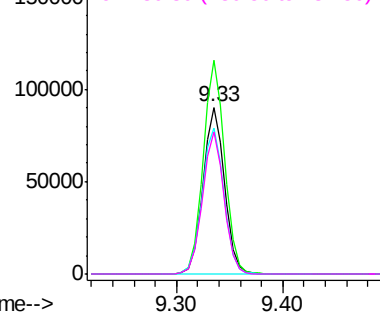
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

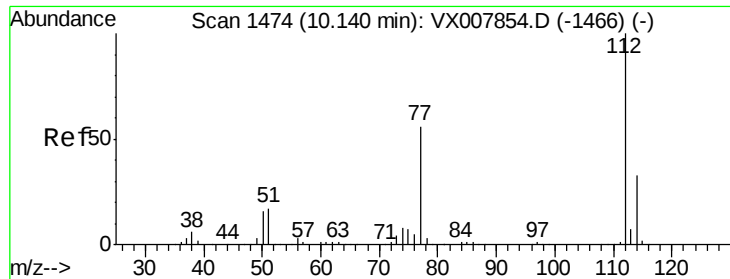


#64
Tetrachloroethene
Concen: 52.458 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion:164 Resp: 127745
Ion Ratio Lower Upper
164 100
166 127.9 103.4 155.0
129 87.2 72.2 108.4
131 85.2 69.4 104.2

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

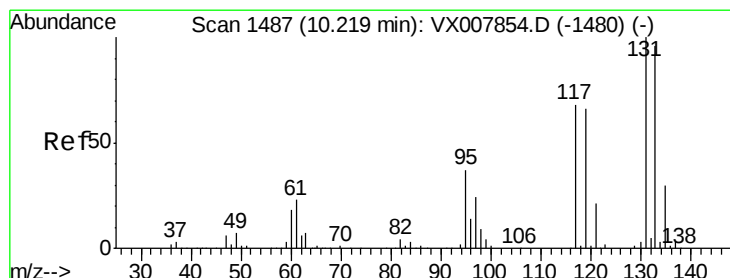
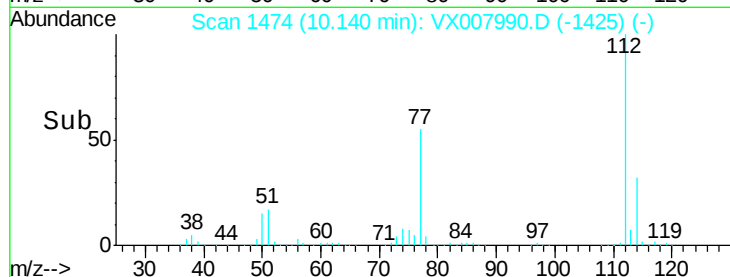
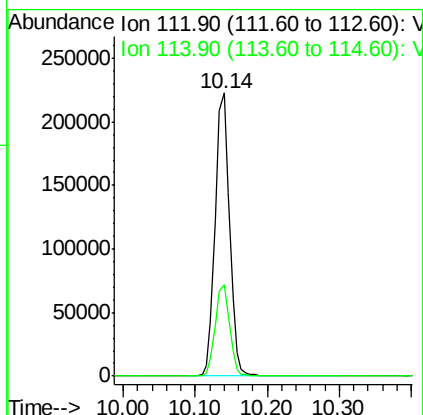
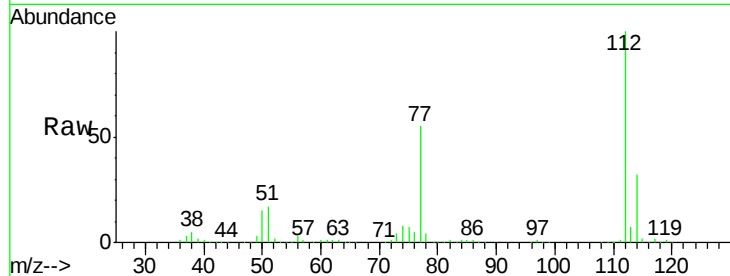




#65
Chlorobenzene
Concen: 50.313 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

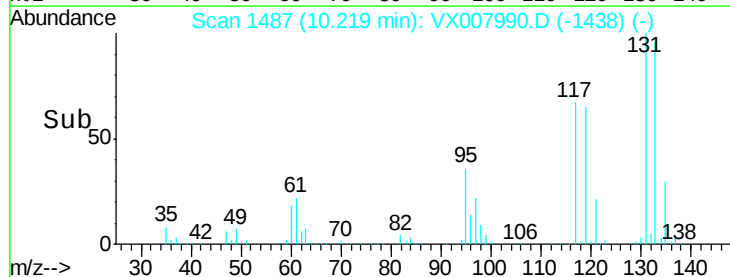
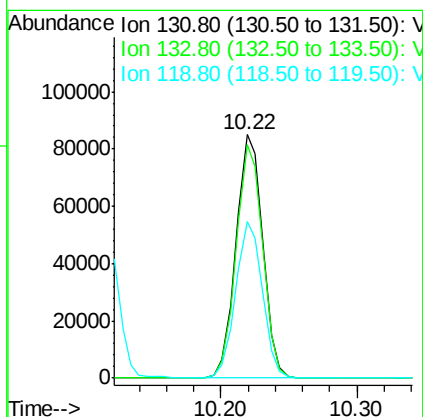
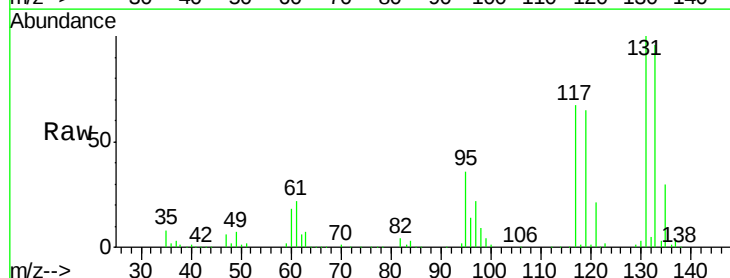
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

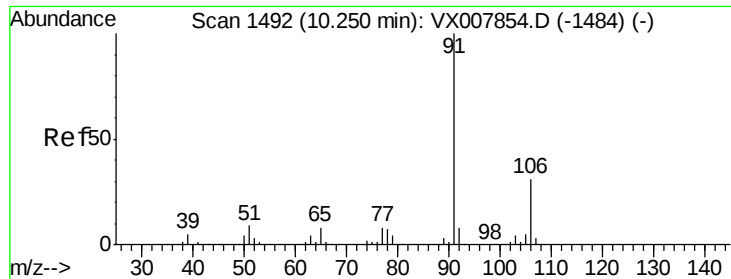
Tot Ion:112 Resp: 309390
Ion Ratio Lower Upper
112 100
114 32.1 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.556 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion:131 Resp: 115828
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 64.4 32.5 97.5

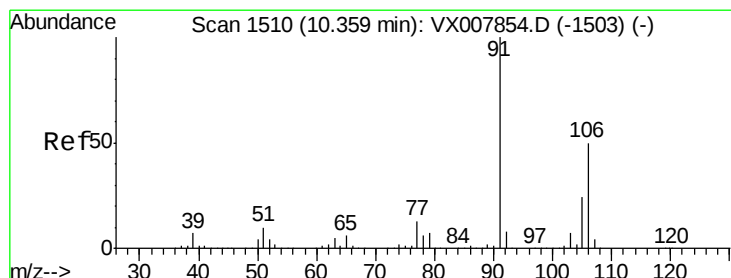
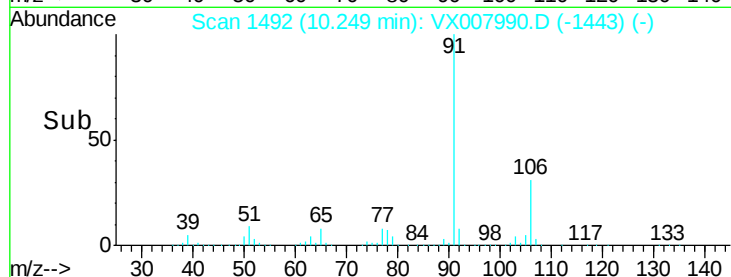
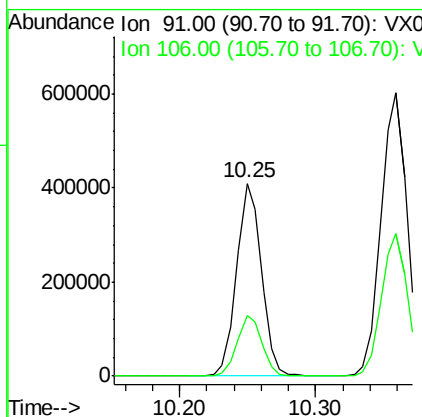
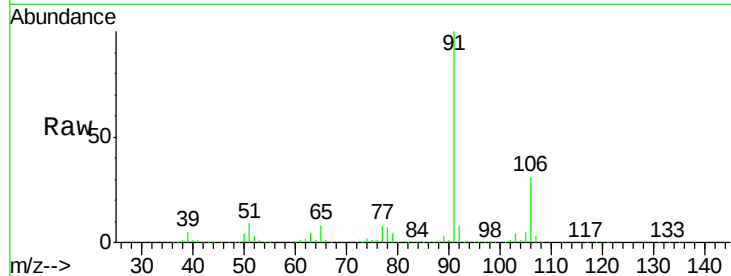




#67
Ethyl Benzene
Concen: 51.700 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

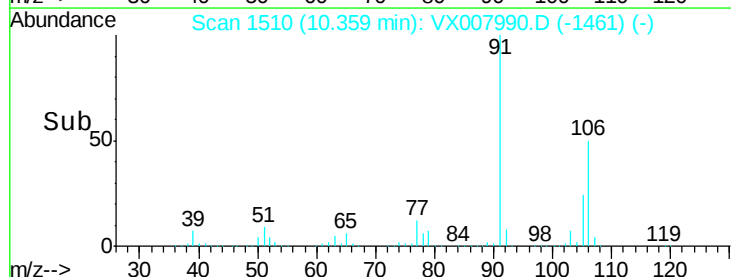
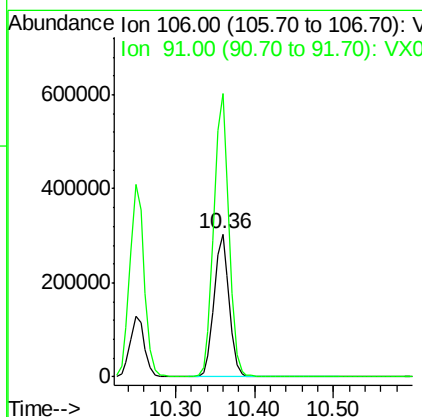
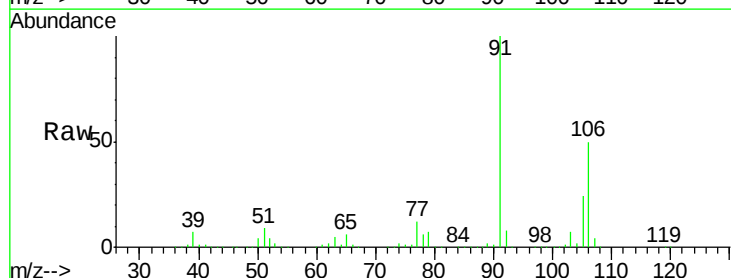
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

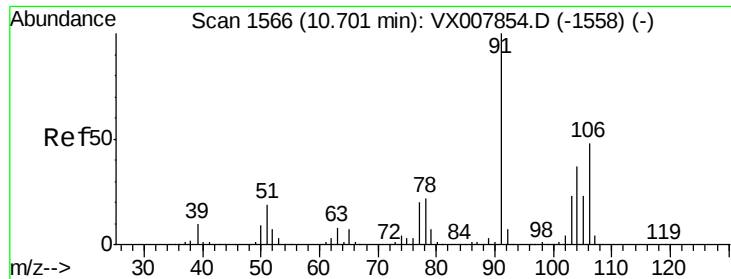
Tot Ion: 91 Resp: 523328
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8



#68
m/p-Xylenes
Concen: 103.695 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion: 106 Resp: 404583
Ion Ratio Lower Upper
106 100
91 200.3 159.8 239.6

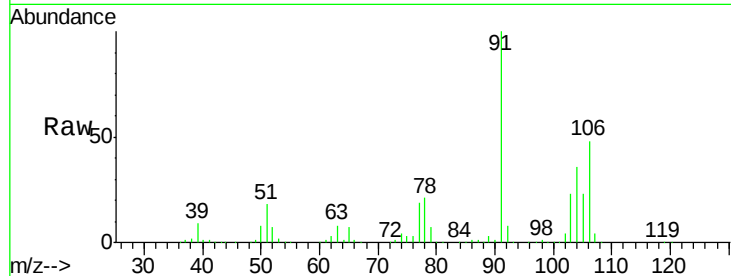




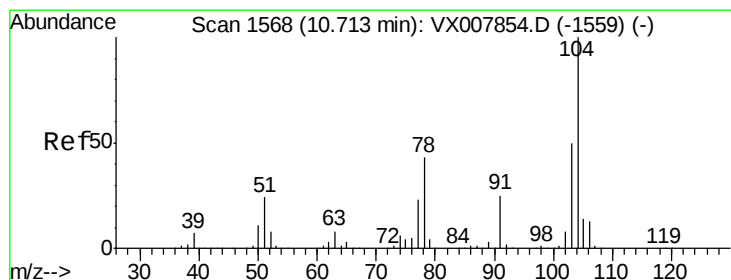
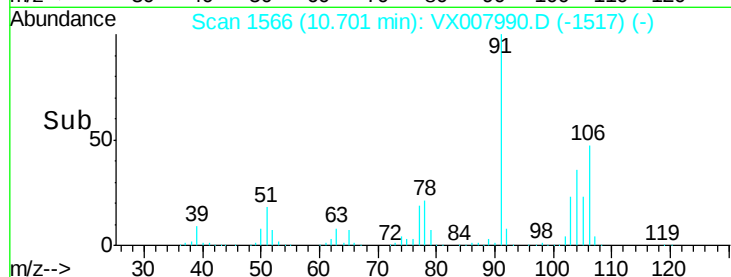
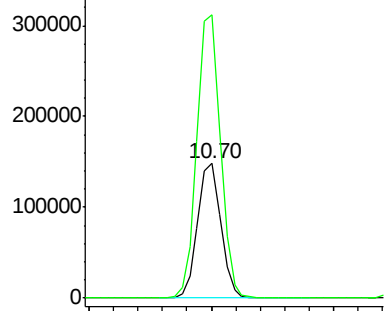
#69
o-Xylene
Concen: 51.935 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 195630
Ion Ratio Lower Upper
106 100
91 213.0 106.3 318.9

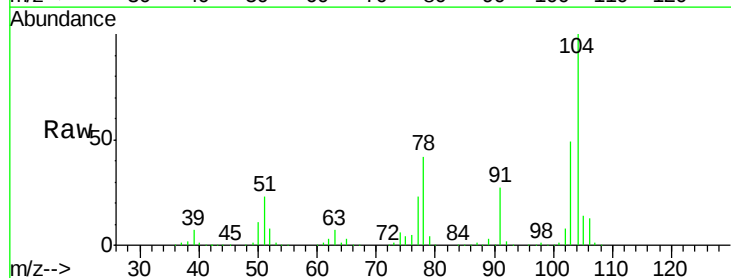


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

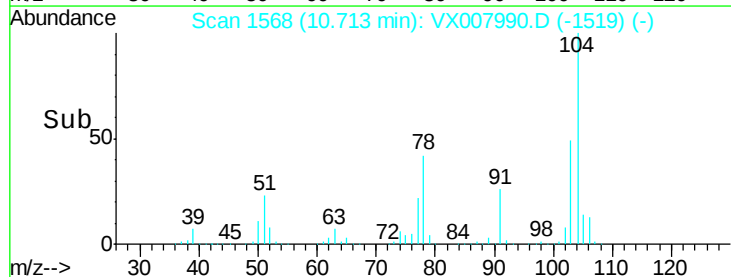
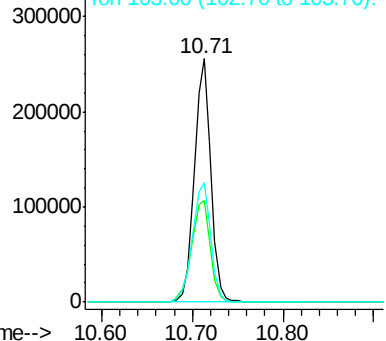


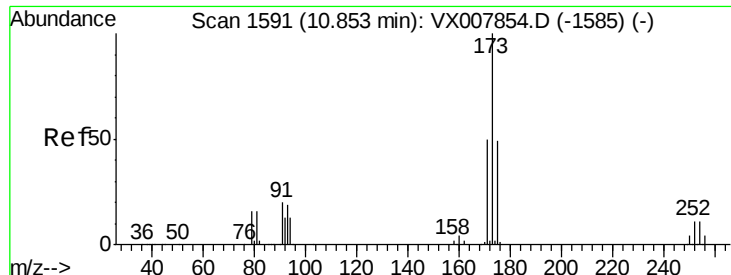
#70
Styrene
Concen: 53.033 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion:104 Resp: 326896
Ion Ratio Lower Upper
104 100
78 47.7 38.5 57.7
103 55.0 44.1 66.1



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: 51.979 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

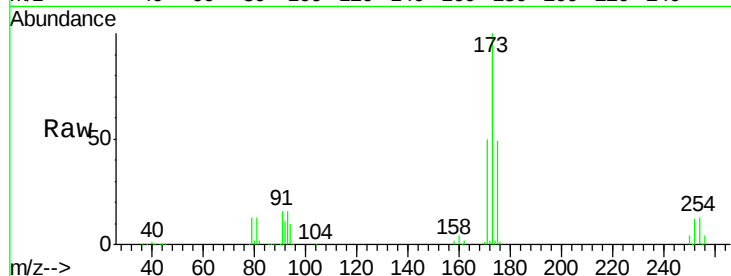
Tot Ion:173 Resp: 98378

Ion Ratio Lower Upper

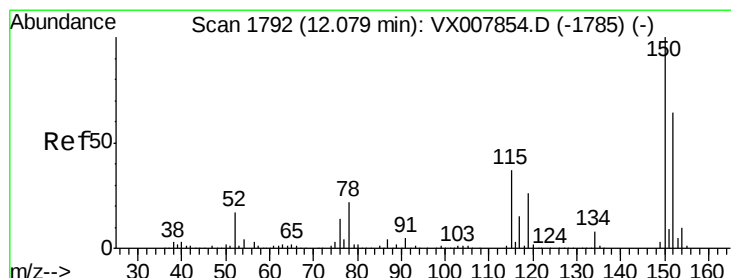
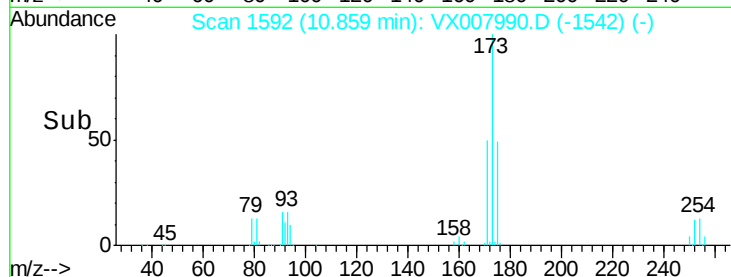
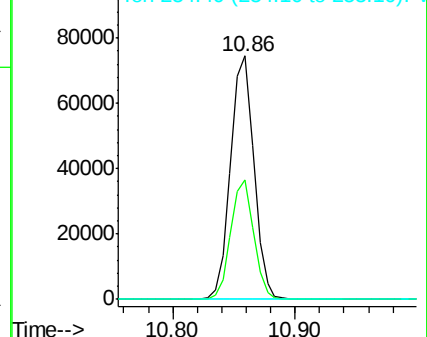
173 100

175 48.2 24.3 72.9

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: VX007990.D

Acq: 12 Mar 2019 00:16

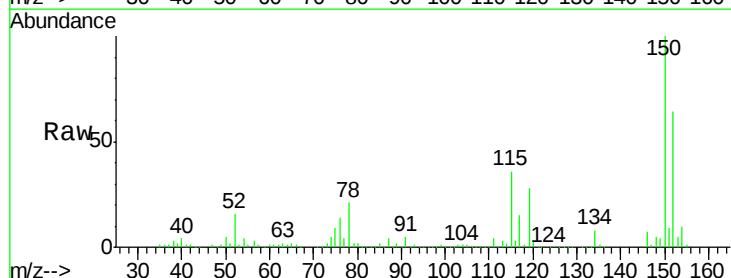
Tgt Ion:152 Resp: 151324

Ion Ratio Lower Upper

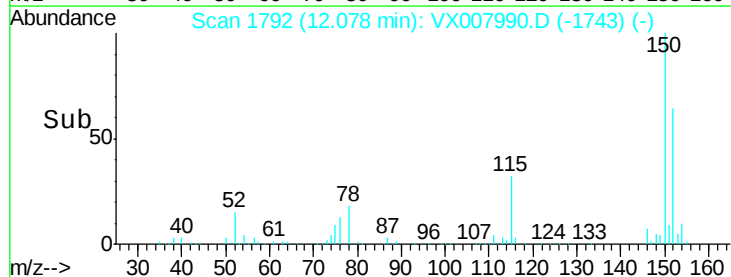
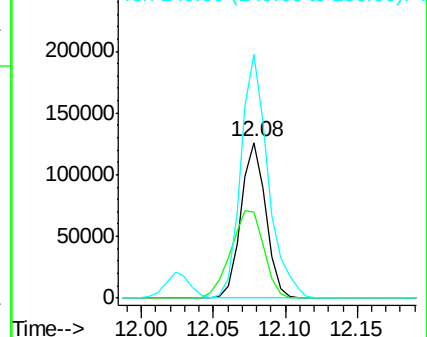
152 100

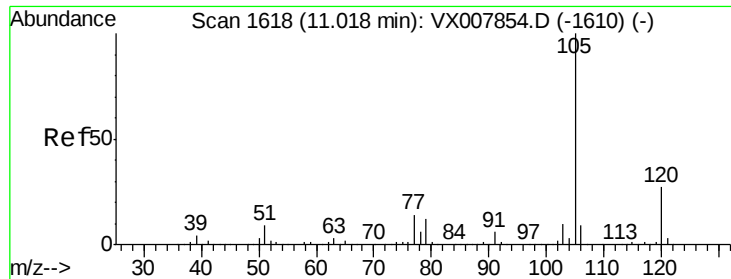
115 75.9 38.6 115.7

150 172.3 0.0 348.4



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: 51.306 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

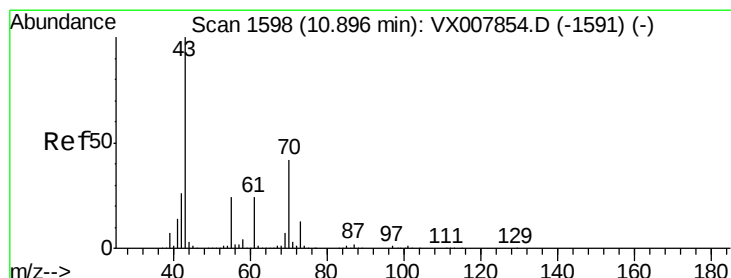
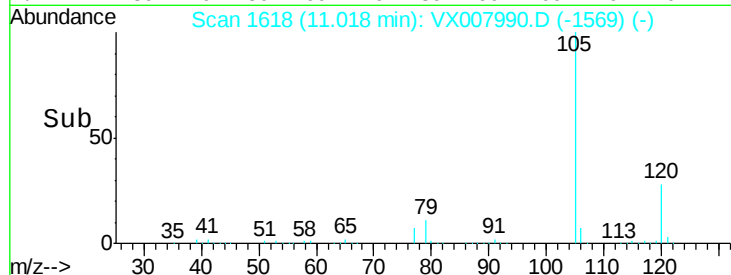
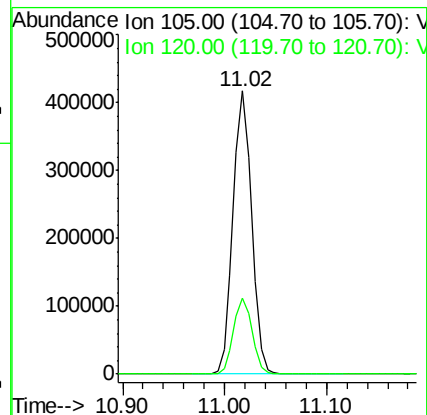
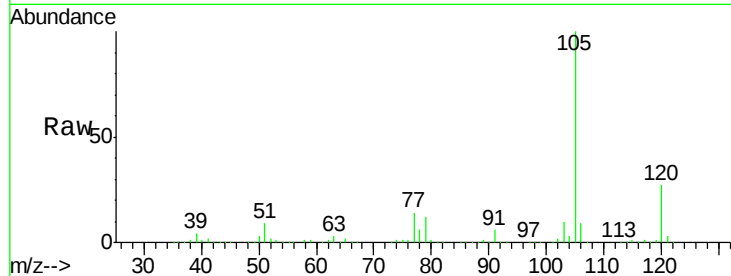
VSTDCCC050EC

Tot Ion:105 Resp: 525076

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.1



#74

N-ethyl acetate

Concen: 48.878 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Tgt Ion: 43 Resp: 228370

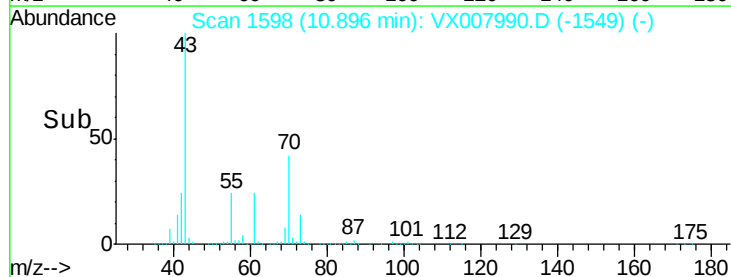
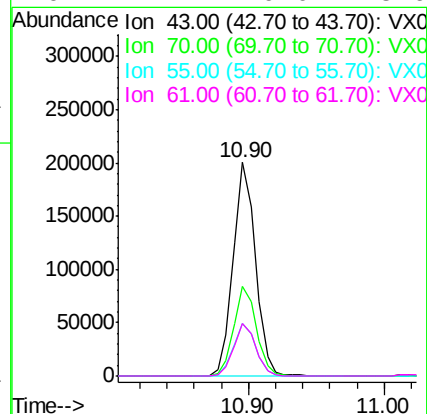
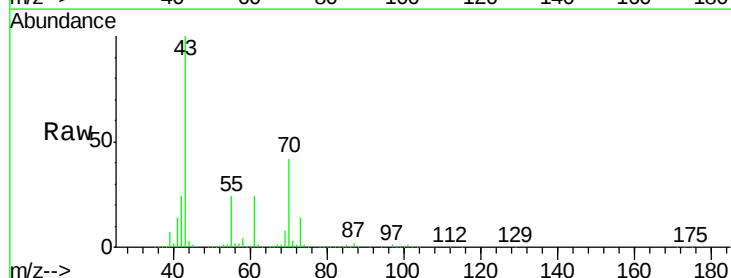
Ion Ratio Lower Upper

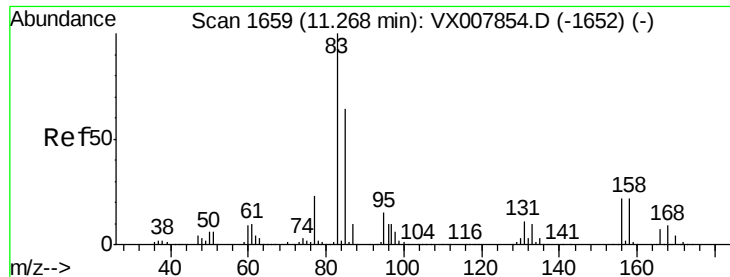
43 100

70 42.7 33.5 50.3

55 25.0 19.2 28.8

61 24.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.519 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

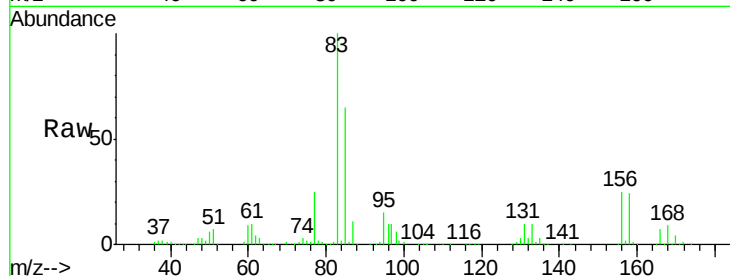
Tot Ion: 83 Resp: 171282

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

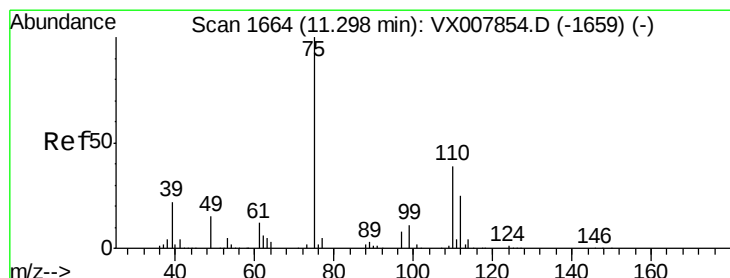
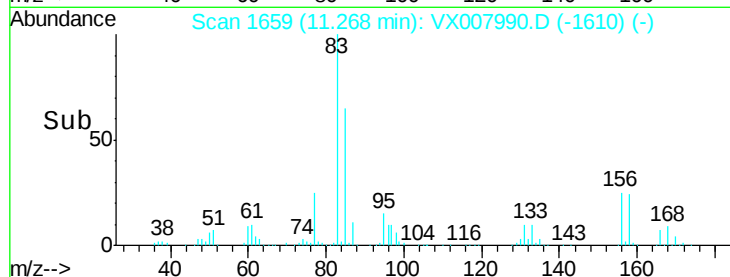
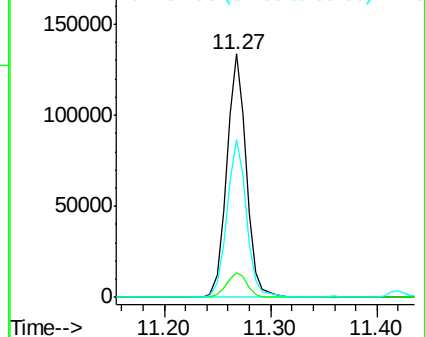
85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.839 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007990.D

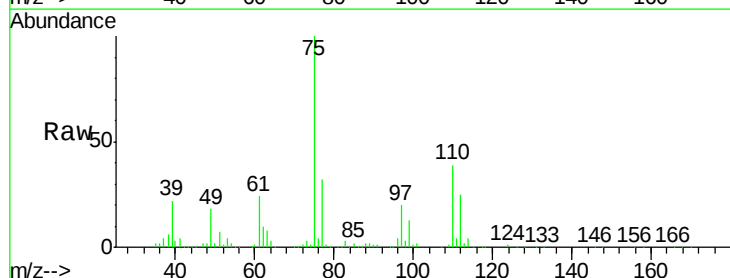
Acq: 12 Mar 2019 00:16

Tgt Ion: 75 Resp: 196365

Ion Ratio Lower Upper

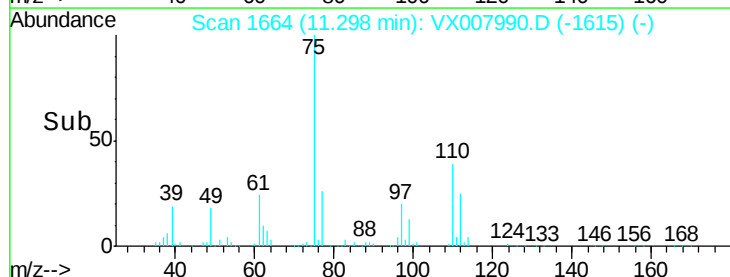
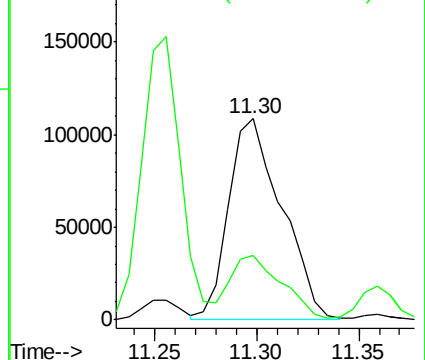
75 100

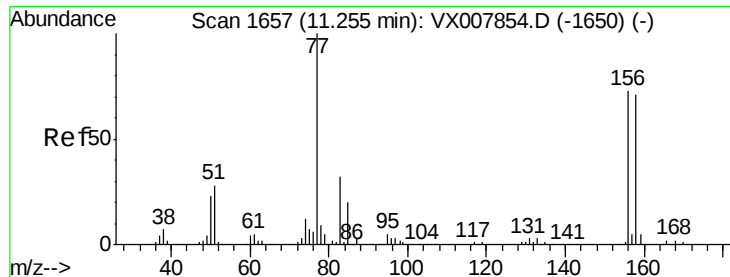
77 31.1 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.491 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

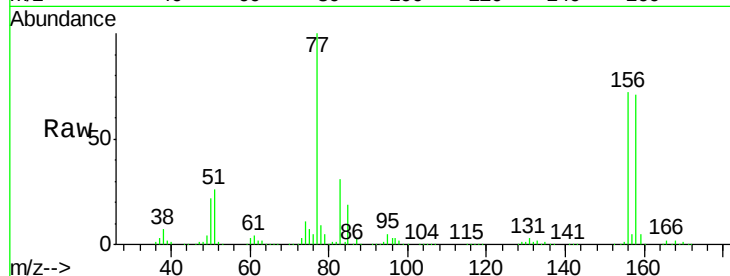
Tot Ion:156 Resp: 141671

Ion Ratio Lower Upper

156 100

77 142.7 72.0 215.9

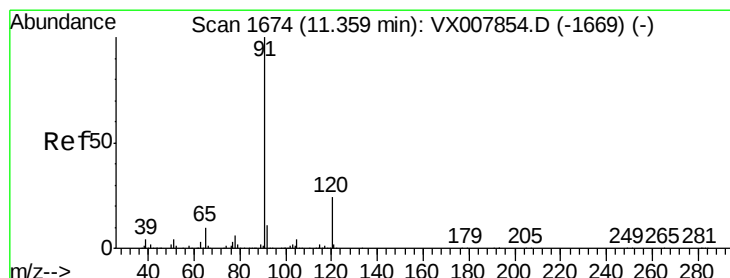
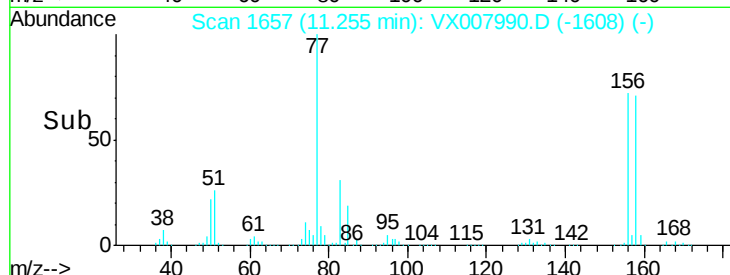
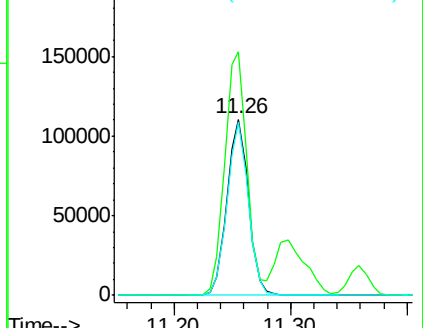
158 96.3 48.6 145.9



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: 51.420 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007990.D

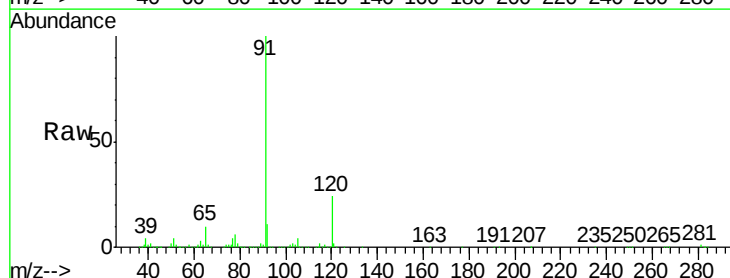
Acq: 12 Mar 2019 00:16

Tgt Ion: 91 Resp: 583809

Ion Ratio Lower Upper

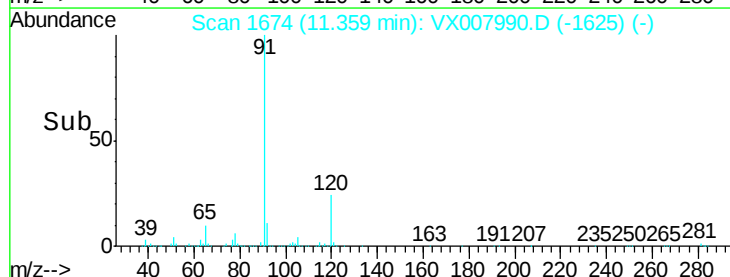
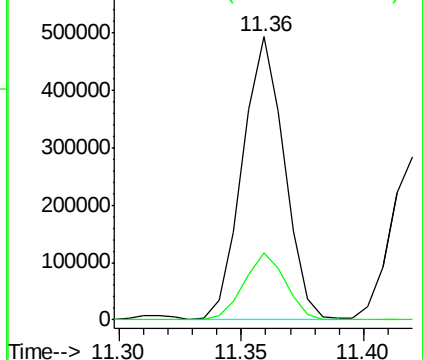
91 100

120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.716 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

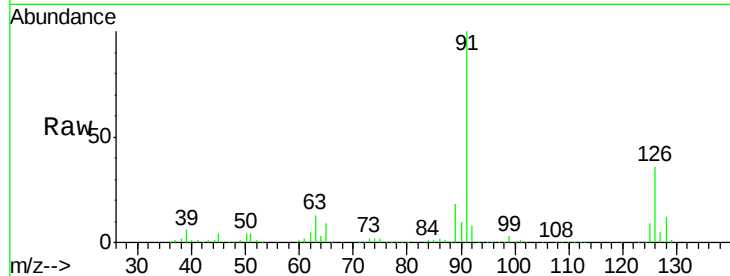
VSTDCCC050EC

Tot Ion: 91 Resp: 345125

Ion Ratio Lower Upper

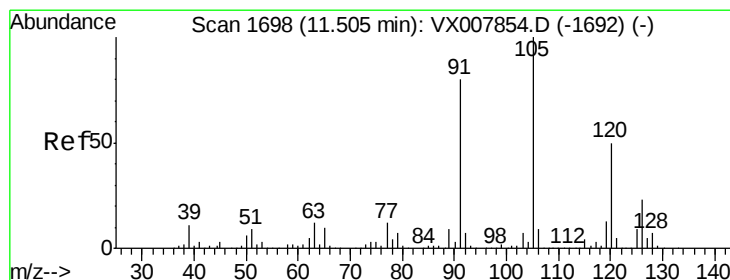
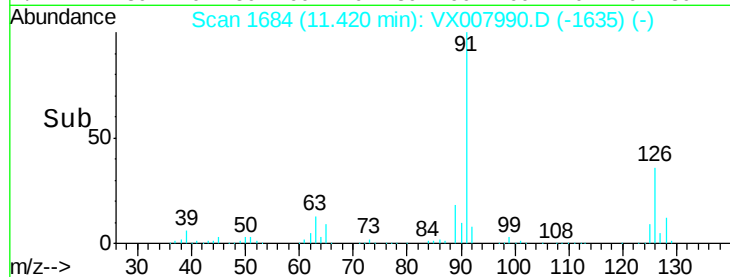
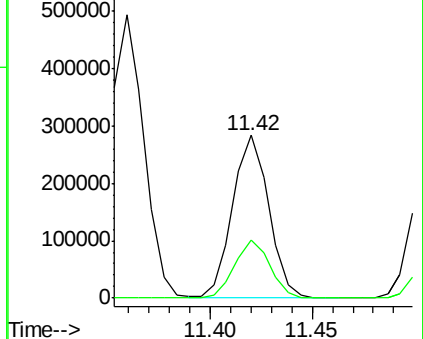
91 100

126 35.5 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 52.106 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007990.D

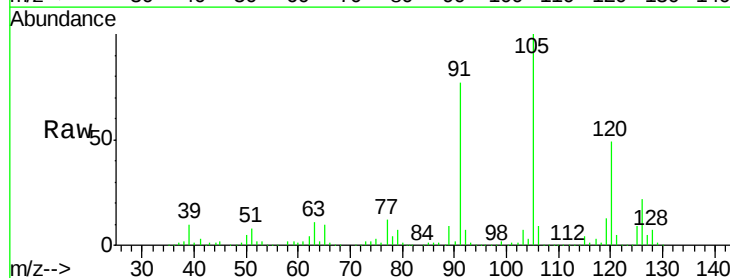
Acq: 12 Mar 2019 00:16

Tgt Ion: 105 Resp: 438911

Ion Ratio Lower Upper

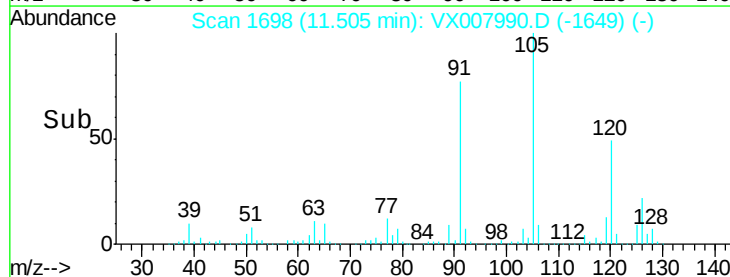
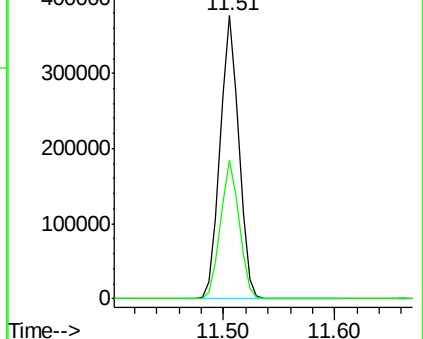
105 100

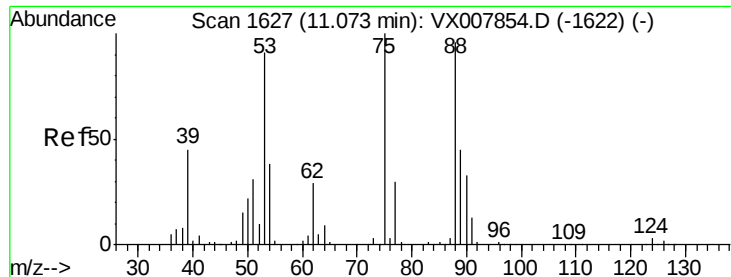
120 49.2 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.239 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

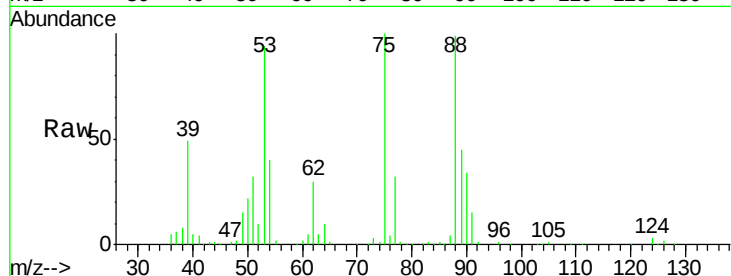
Tot Ion: 75 Resp: 48914

Ion Ratio Lower Upper

75 100

53 95.1 76.1 114.1

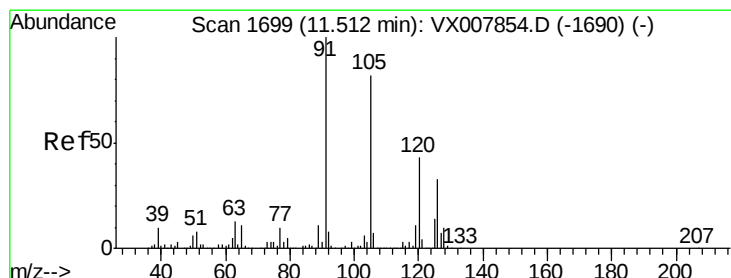
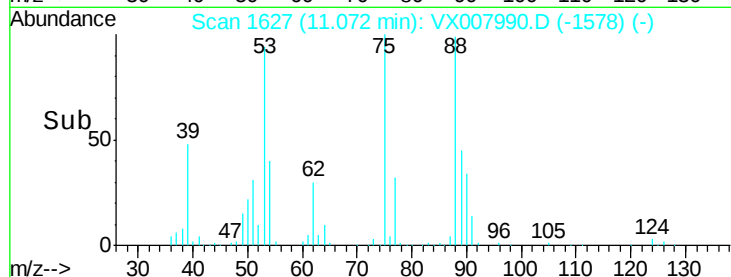
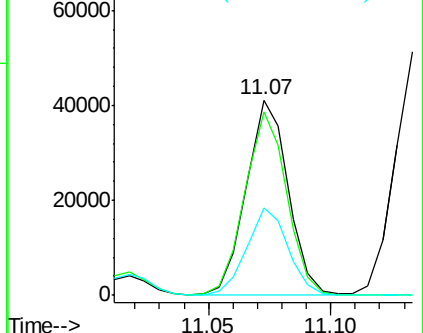
89 44.8 36.3 54.5



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: 50.523 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007990.D

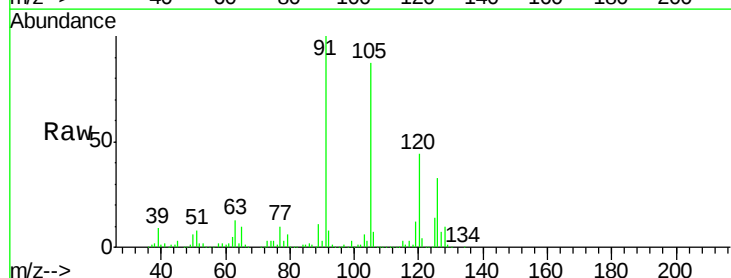
Acq: 12 Mar 2019 00:16

Tgt Ion: 91 Resp: 401929

Ion Ratio Lower Upper

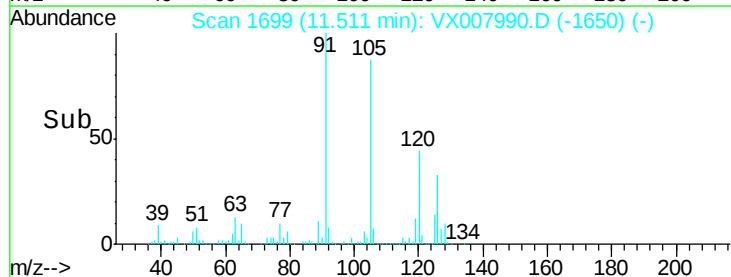
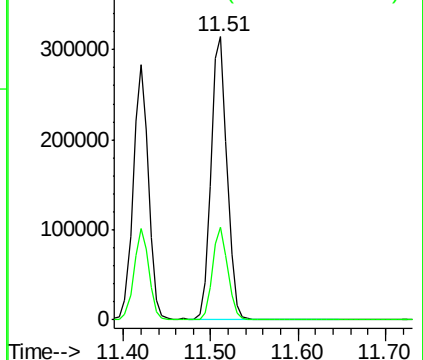
91 100

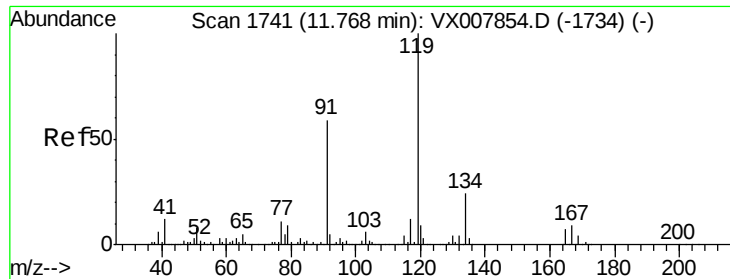
126 31.2 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

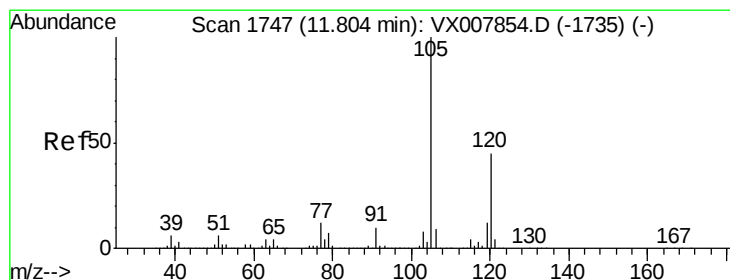
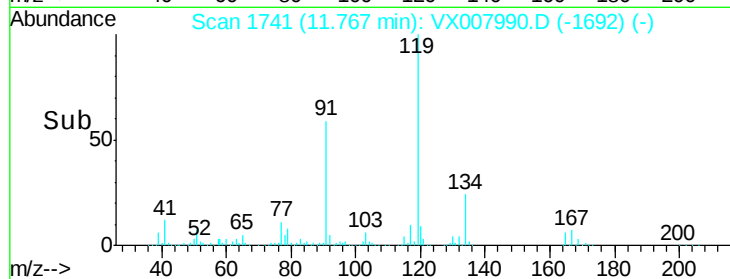
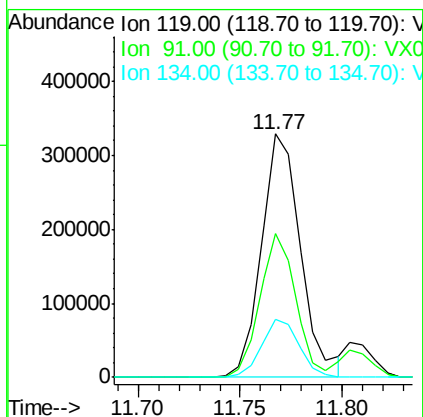
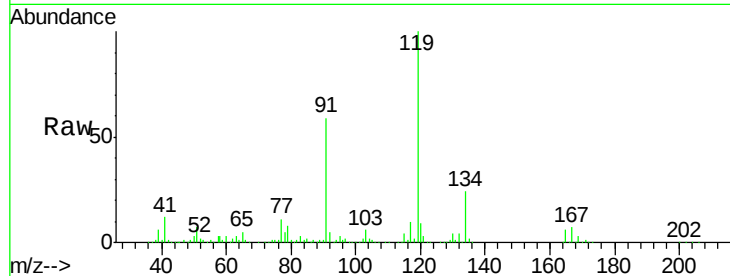




#83
 tert-Butylbenzene
 Concen: 52.034 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

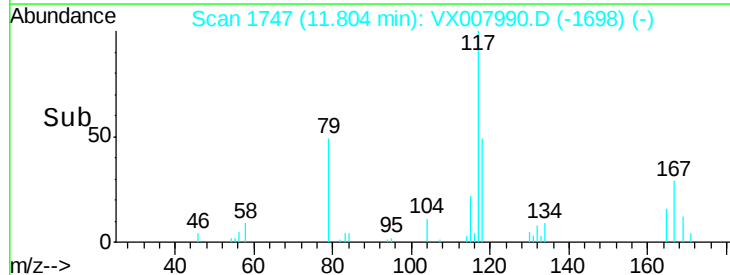
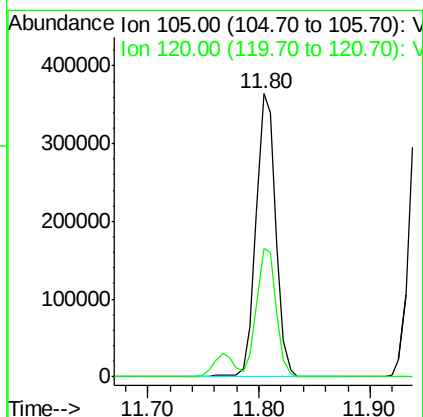
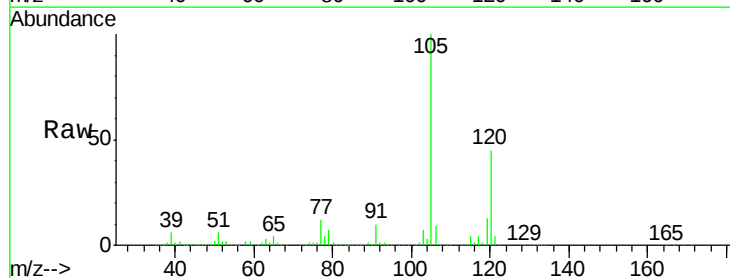
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

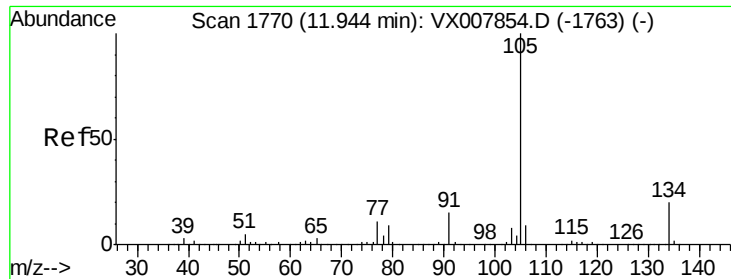
Tot Ion:119 Resp: 441499
 Ion Ratio Lower Upper
 119 100
 91 54.2 27.1 81.3
 134 22.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 52.023 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion:105 Resp: 449217
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 52.446 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

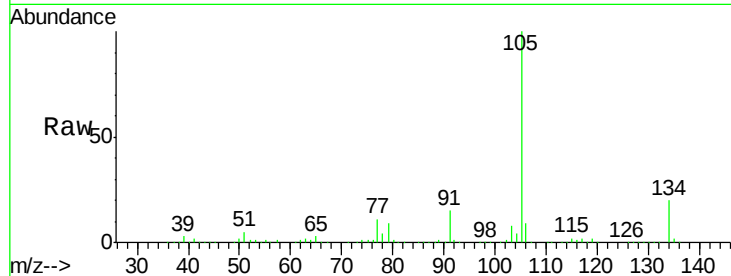
VSTDCCC050EC

Tot Ion:105 Resp: 524100

Ion Ratio Lower Upper

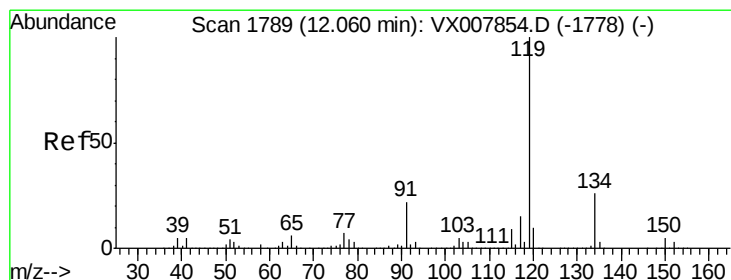
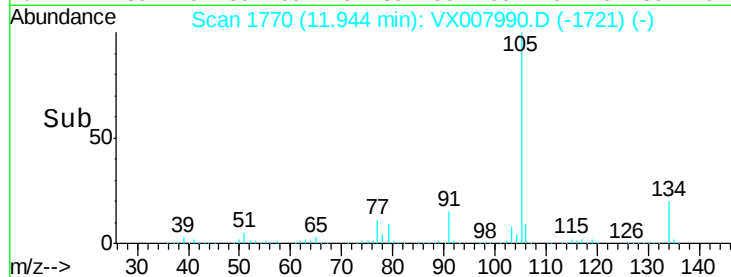
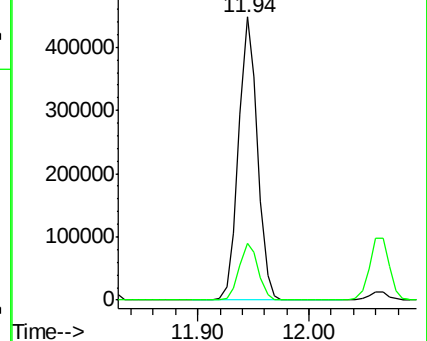
105 100

134 20.3 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.624 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

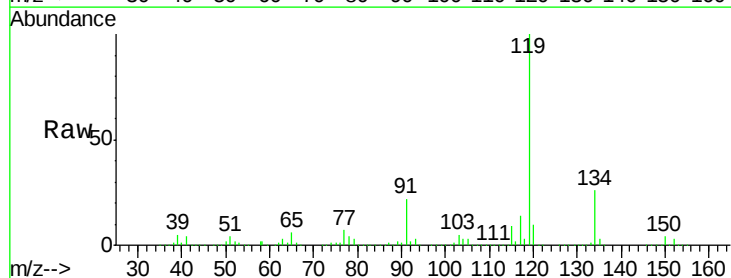
Tgt Ion:119 Resp: 470962

Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.9

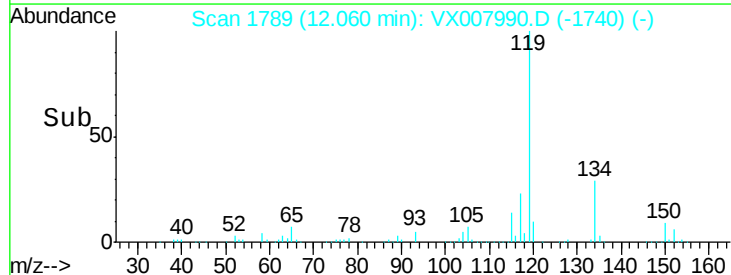
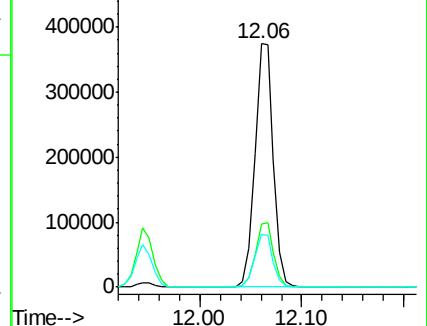
91 21.7 10.9 32.7

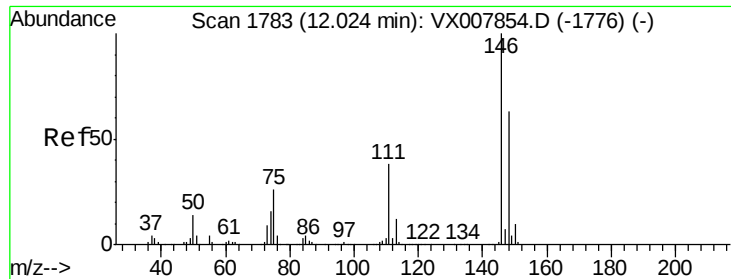


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.116 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

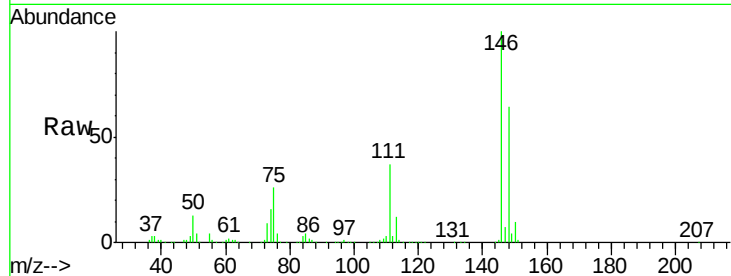
Tot Ion:146 Resp: 248774

Ion Ratio Lower Upper

146 100

111 37.5 18.9 56.7

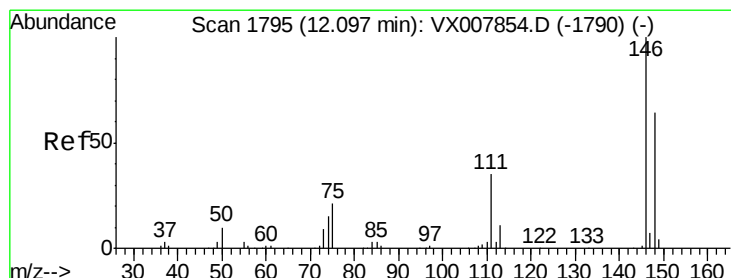
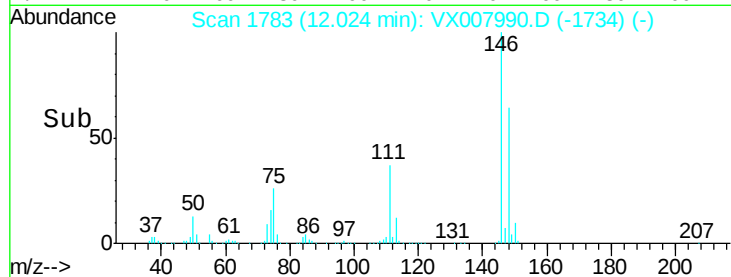
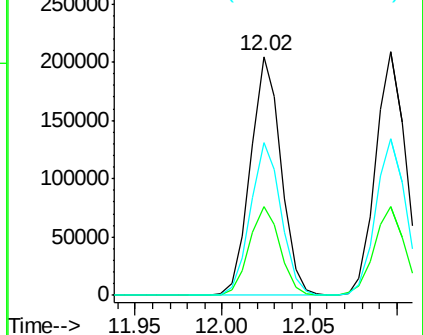
148 64.1 31.7 95.1



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



#88

1,4-Dichlorobenzene

Concen: 48.941 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

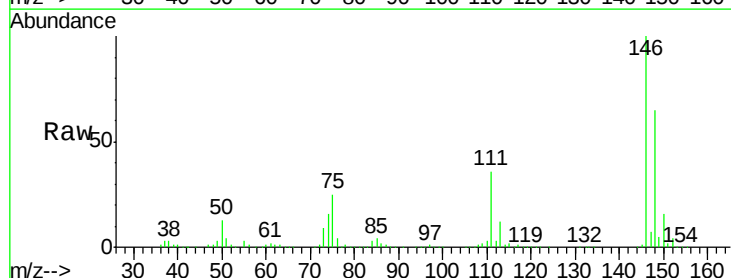
Tgt Ion:146 Resp: 248799

Ion Ratio Lower Upper

146 100

111 36.8 18.4 55.0

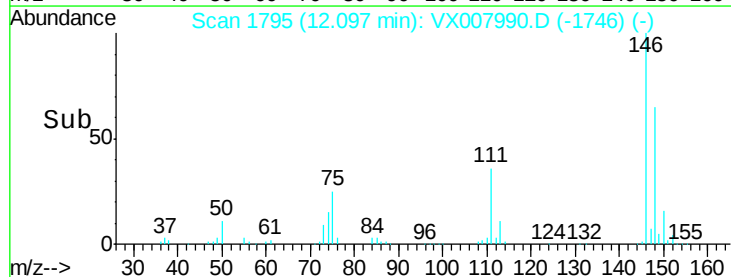
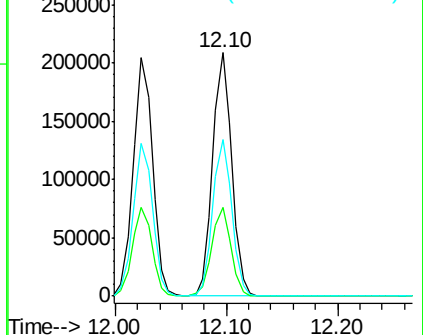
148 64.7 32.2 96.6

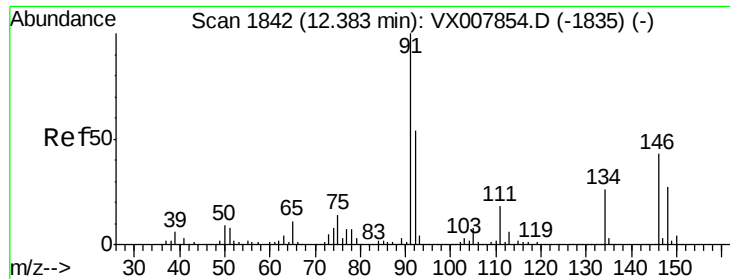


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

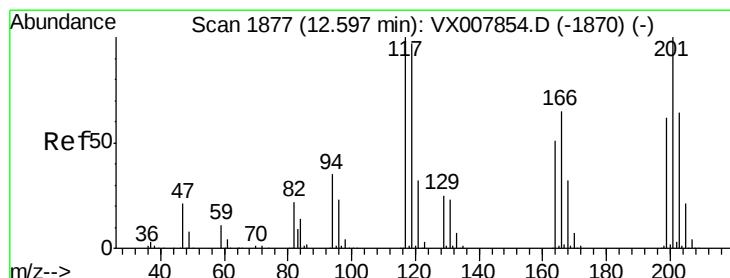
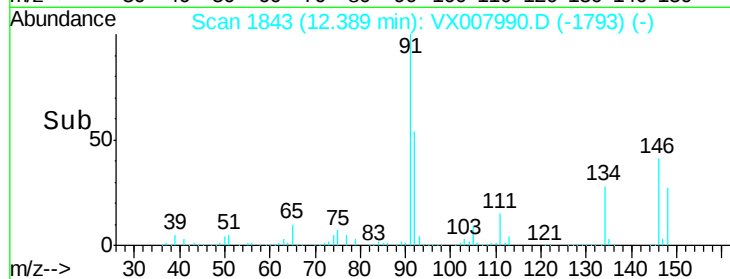
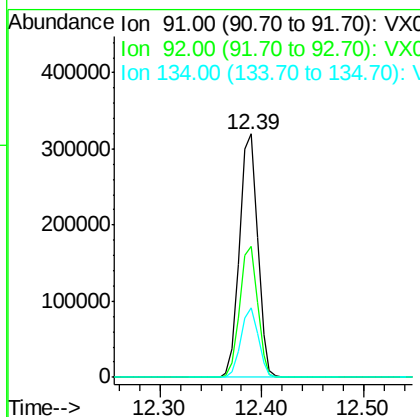
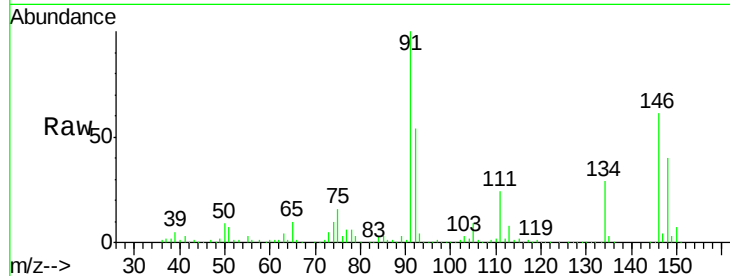




#89
n-Butylbenzene
Concen: 51.356 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

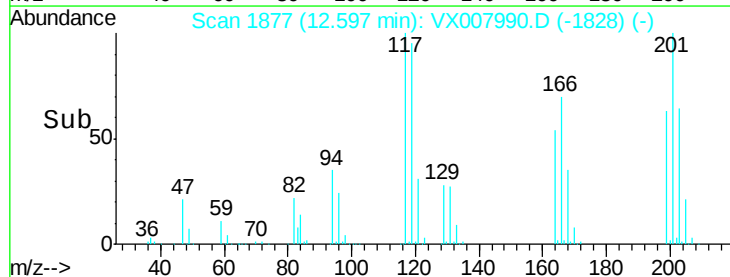
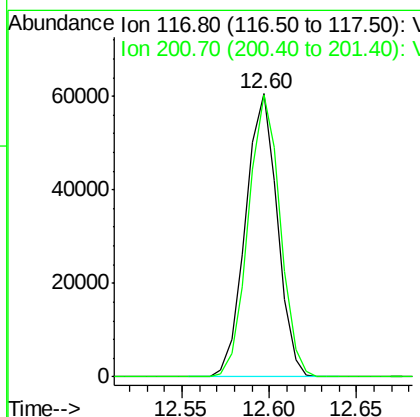
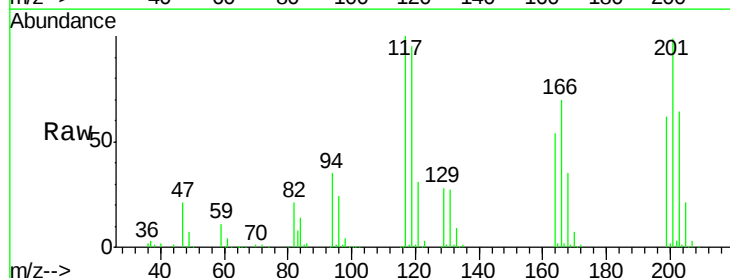
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 389388
Ion Ratio Lower Upper
91 100
92 53.4 27.0 80.8
134 27.5 13.7 41.0



#90
Hexachloroethane
Concen: 51.131 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007990.D
Acq: 12 Mar 2019 00:16

Tgt Ion: 117 Resp: 76508
Ion Ratio Lower Upper
117 100
201 99.7 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 50.411 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

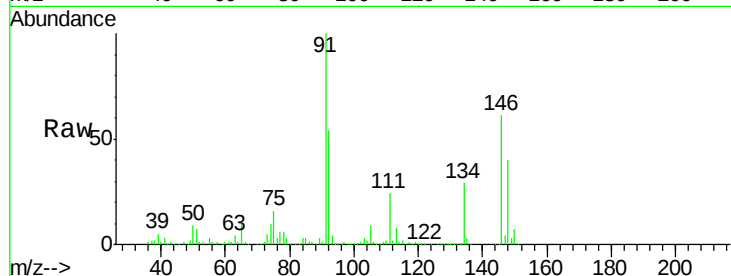
Tot Ion:146 Resp: 248597

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.8

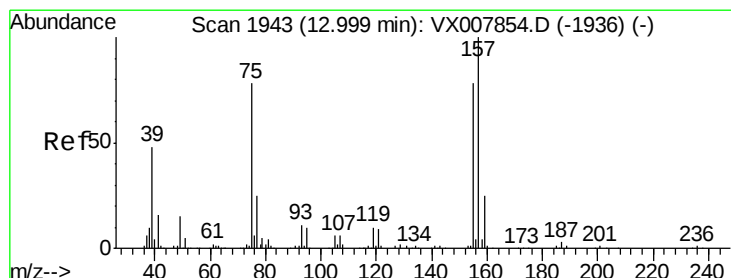
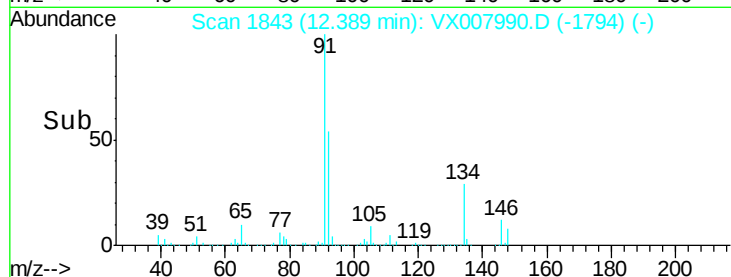
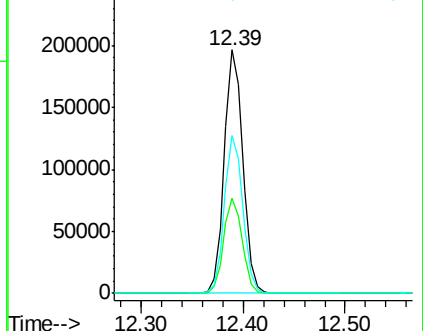
148 64.4 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.917 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

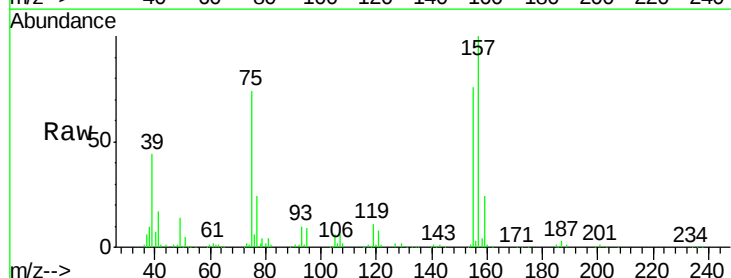
Tgt Ion: 75 Resp: 36828

Ion Ratio Lower Upper

75 100

155 101.6 49.7 149.1

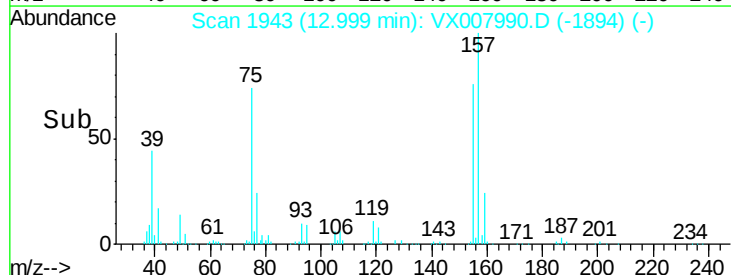
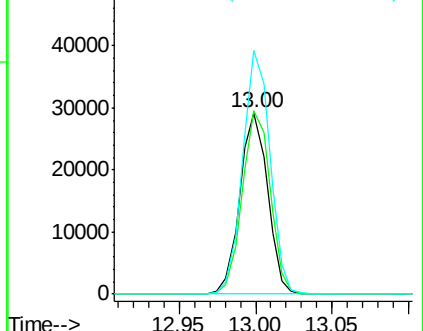
157 132.1 63.8 191.4

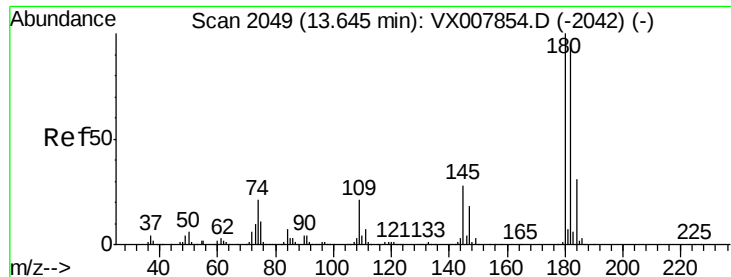


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

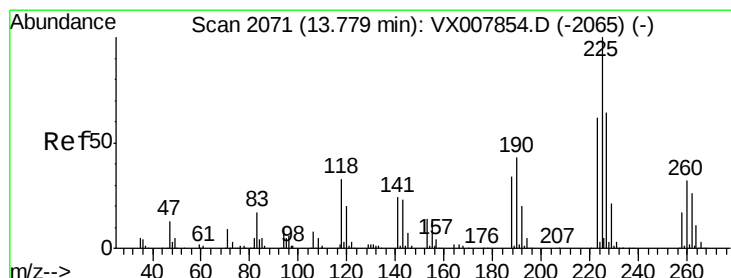
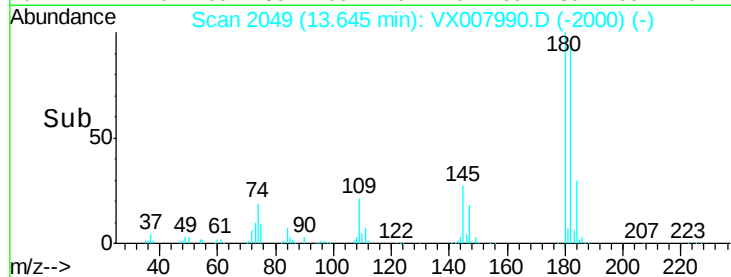
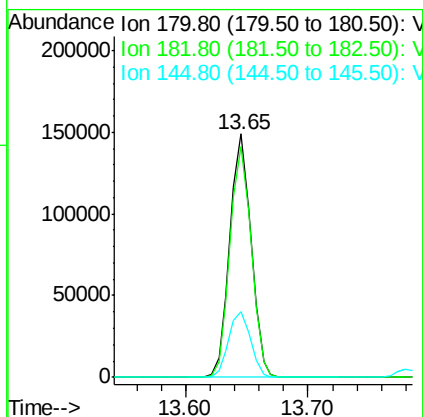
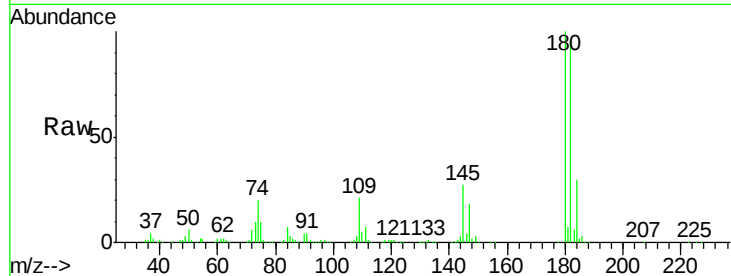




#93
 1,2,4-Trichlorobenzene
 Concen: 51.482 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

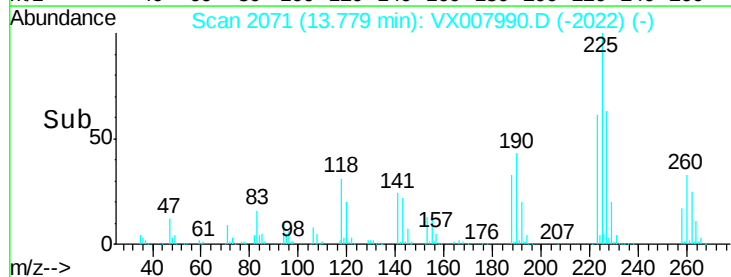
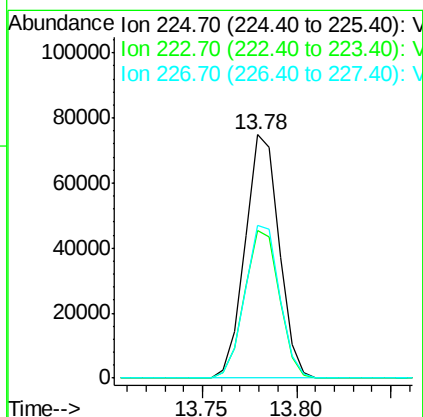
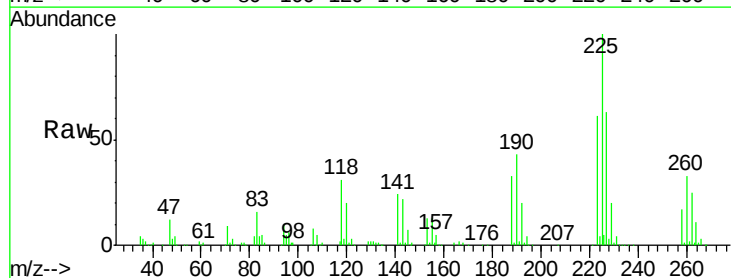
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

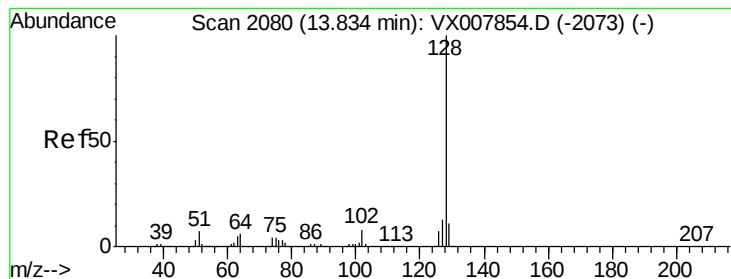
Tot Ion:180 Resp: 178348
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.9 143.7
 145 28.0 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 51.812 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007990.D
 Acq: 12 Mar 2019 00:16

Tgt Ion:225 Resp: 93841
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.1 93.2
 227 63.8 32.0 96.0





#95

Naphthalene

Concen: 53.530 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Instrument :

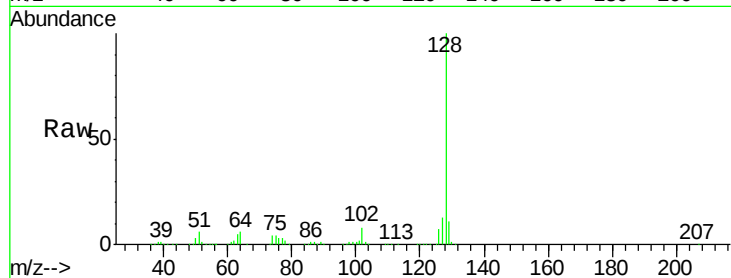
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 534326

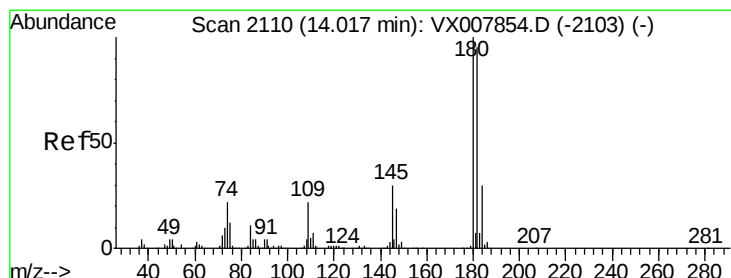
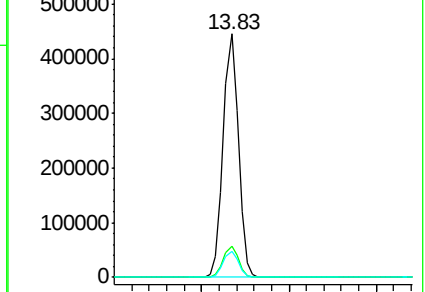
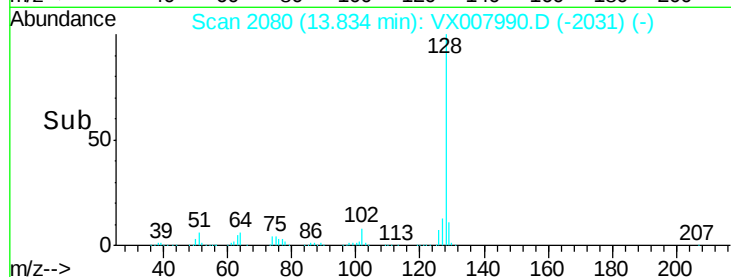
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.213 ug/l

RT: 14.02 min Scan# 2110

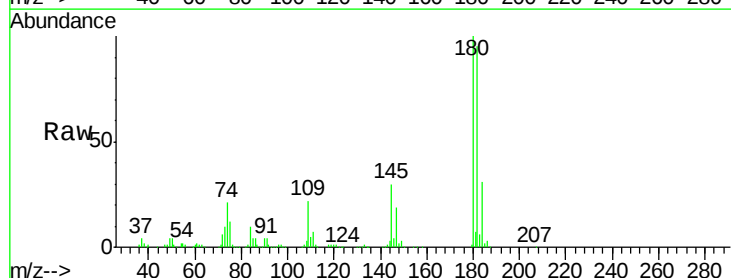
Delta R.T. -0.00 min

Lab File: VX007990.D

Acq: 12 Mar 2019 00:16

Tgt Ion:180 Resp: 180187

Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.5	142.5
145	29.7	14.8	44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

