

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020719\
 Data File : VX007414.D
 Acq On : 07 Feb 2019 10:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 08 22:02:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	522674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	746283	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	694865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	371603	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	266696	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	
35) Dibromofluoromethane	5.50	113	240934	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
50) Toluene-d8	8.71	98	910534	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.13	95	335035	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	321322	50.028	ug/l	100
3) Chloromethane	1.33	50	272504	46.288	ug/l	99
4) Vinyl Chloride	1.41	62	290965	50.379	ug/l	100
5) Bromomethane	1.64	94	271859	47.582	ug/l	100
6) Chloroethane	1.72	64	177907	47.618	ug/l	100
7) Trichlorofluoromethane	1.93	101	439330	48.626	ug/l	100
8) Diethyl Ether	2.19	74	158095	46.491	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	257849	47.979	ug/l	99
10) Methyl Iodide	2.51	142	362899	45.903	ug/l	100
11) Tert butyl alcohol	3.07	59	285107	248.327	ug/l	99
12) 1,1-Dichloroethene	2.37	96	234552	47.000	ug/l	98
13) Acrolein	2.29	56	133234	247.472	ug/l	98
14) Allyl chloride	2.73	41	398472	49.004	ug/l	99
15) Acrylonitrile	3.15	53	680893	239.735	ug/l	100
16) Acetone	2.45	43	687195	270.413	ug/l	99
17) Carbon Disulfide	2.57	76	594088	45.715	ug/l	100
18) Methyl Acetate	2.78	43	353618	53.365	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	773390	47.835	ug/l	96
20) Methylene Chloride	2.86	84	258182	49.737	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	248235	46.695	ug/l	99
22) Diisopropyl ether	3.87	45	752285	50.296	ug/l	99
23) Vinyl Acetate	3.82	43	3304841	266.267	ug/l	100
24) 1,1-Dichloroethane	3.70	63	438293	51.027	ug/l	98
25) 2-Butanone	4.70	43	934661	258.440	ug/l	99
26) 2,2-Dichloropropane	4.58	77	329305	50.342	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	269331	46.384	ug/l	99
28) Bromochloromethane	5.02	49	183919	46.561	ug/l	99
29) Tetrahydrofuran	5.15	42	582007	255.876	ug/l	99
30) Chloroform	5.21	83	433218	48.334	ug/l	98
31) Cyclohexane	5.58	56	369007	47.833	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	377667	49.918	ug/l	99
36) 1,1-Dichloropropene	5.80	75	320084	47.803	ug/l	100
37) Ethyl Acetate	4.85	43	335554	49.574	ug/l	99
38) Carbon Tetrachloride	5.78	117	335749	51.685	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	410182	50.631	ug/l	97
40) Benzene	6.14	78	973400	49.350	ug/l	98
41) Methacrylonitrile	5.06	41	184800	50.941	ug/l	98
42) 1,2-Dichloroethane	6.20	62	330077	48.367	ug/l	99
43) Isopropyl Acetate	6.45	43	538158	51.510	ug/l	100
44) Trichloroethene	7.21	130	286729	48.267	ug/l	98
45) 1,2-Dichloropropane	7.51	63	241524	48.872	ug/l	100
46) Dibromomethane	7.66	93	173387	48.272	ug/l	99
47) Bromodichloromethane	7.90	83	312624	51.356	ug/l	100
48) Methyl methacrylate	7.77	41	279330	53.451	ug/l	100
49) 1,4-Dioxane	7.75	88	125380	1054.596	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1790241	260.294	ug/l	100
52) Toluene	8.78	92	638319	50.159	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	352598	53.925	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	385456	53.605	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	259417	48.903	ug/l	98
56) Ethyl methacrylate	9.18	69	380846	51.837	ug/l	98
57) 1,3-Dichloropropane	9.37	76	419185	49.690	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1025841	264.904	ug/l	99
59) 2-Hexanone	9.49	43	1404692	262.459	ug/l	100
60) Dibromochloromethane	9.58	129	279382	55.687	ug/l	100
61) 1,2-Dibromoethane	9.67	107	285105	50.751	ug/l	99
64) Tetrachloroethene	9.34	164	303772	46.382	ug/l	98
65) Chlorobenzene	10.13	112	735809	48.526	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	265687	52.261	ug/l	99
67) Ethyl Benzene	10.25	91	1234831	50.569	ug/l	99
68) m/p-Xylenes	10.36	106	967872	99.711	ug/l	98
69) o-Xylene	10.69	106	470544	50.378	ug/l	99
70) Styrene	10.71	104	766904	50.628	ug/l	100
71) Bromoform	10.85	173	207269	46.768	ug/l #	97
73) Isopropylbenzene	11.02	105	1270400	50.308	ug/l	98
74) N-amyl acetate	10.90	43	484467	49.601	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	380036	49.381	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	447266	61.878	ug/l	79
77) Bromobenzene	11.26	156	342780	48.177	ug/l	99
78) n-propylbenzene	11.36	91	1454659	52.532	ug/l	100
79) 2-Chlorotoluene	11.42	91	836011	49.756	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1052649	50.952	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	115615	49.487	ug/l	96
82) 4-Chlorotoluene	11.51	91	975992	50.200	ug/l	99
83) tert-Butylbenzene	11.77	119	1035019	50.602	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1074890	51.248	ug/l	99
85) sec-Butylbenzene	11.94	105	1294663	52.297	ug/l	100
86) p-Isopropyltoluene	12.06	119	1168760	52.300	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	619490	48.515	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	620255	47.879	ug/l	99
89) n-Butylbenzene	12.39	91	1009999	52.538	ug/l	99
90) Hexachloroethane	12.60	117	184786	55.250	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	605185	47.624	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	81701	51.056	ug/l	99

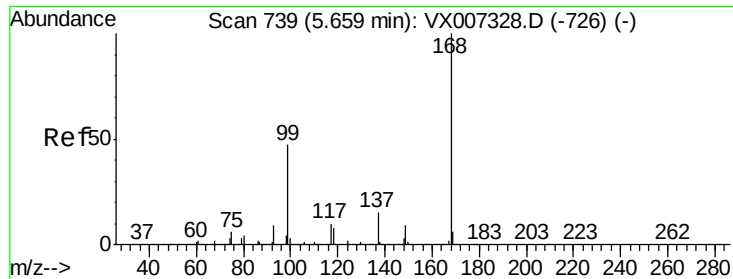
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	430069	50.184	ug/l	99
94) Hexachlorobutadiene	13.78	225	209323	50.302	ug/l	99
95) Naphthalene	13.83	128	1278583	51.019	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	423714	49.118	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

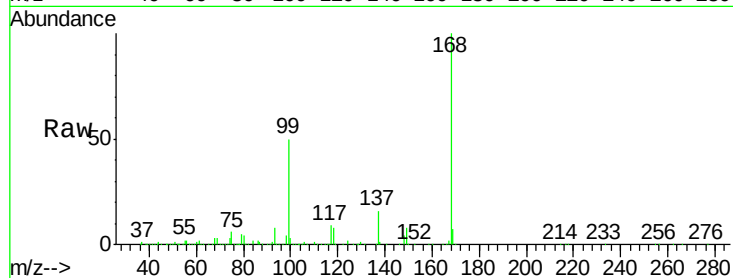
VSTDCCC050

Tot Ion:168 Resp: 522674

Ion Ratio Lower Upper

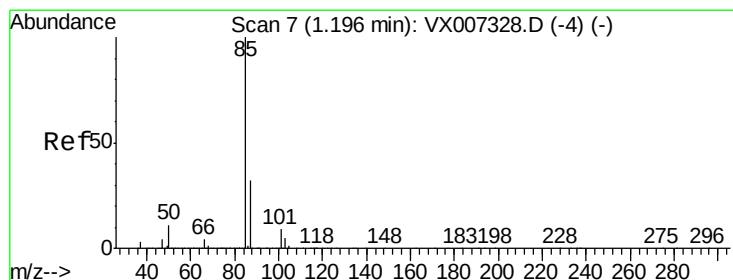
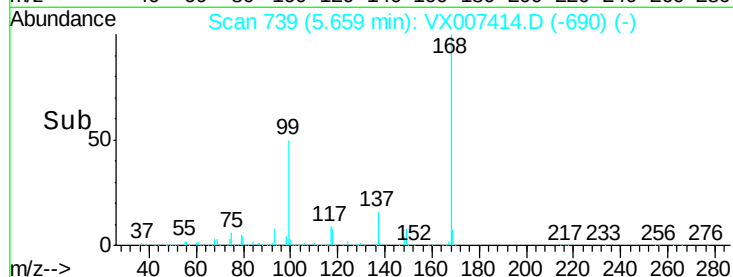
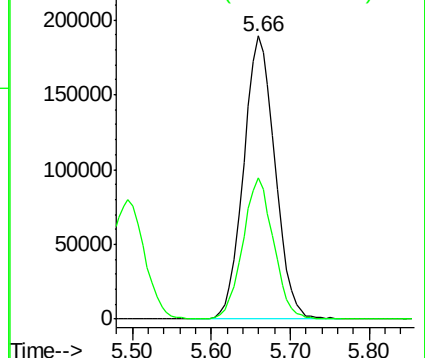
168 100

99 49.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.028 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007414.D

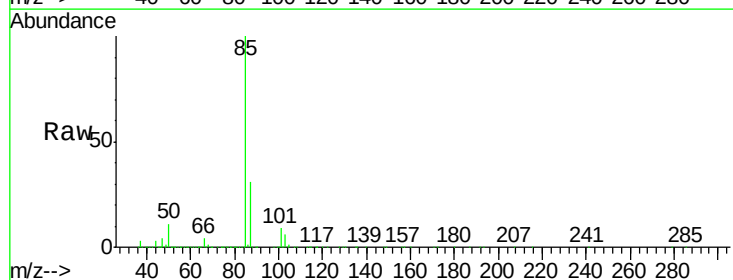
Acq: 07 Feb 2019 10:00

Tgt Ion: 85 Resp: 321322

Ion Ratio Lower Upper

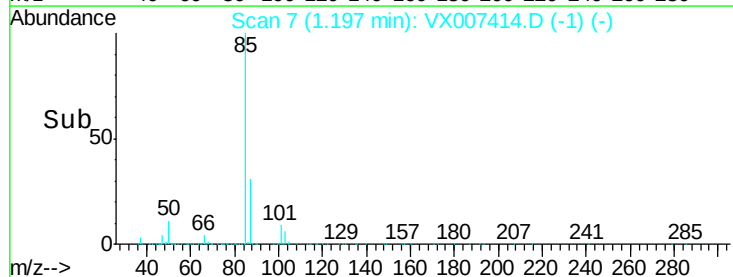
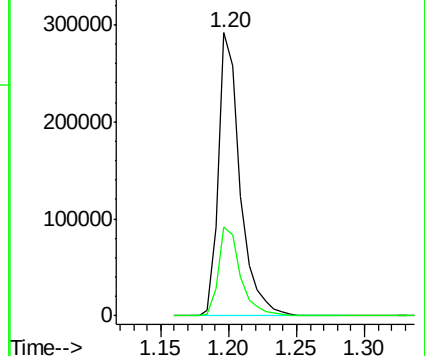
85 100

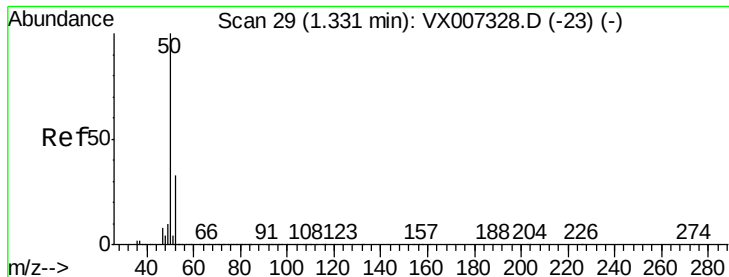
87 31.5 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.288 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

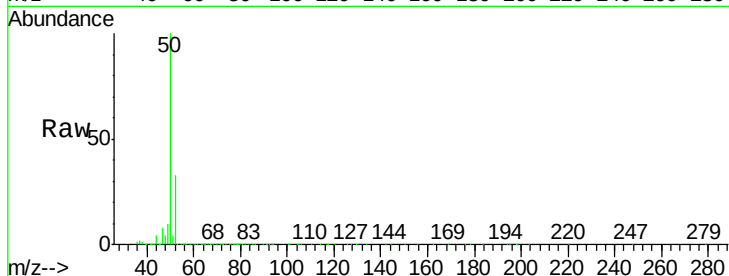
VSTDCCC050

Tot Ion: 50 Resp: 272504

Ion Ratio Lower Upper

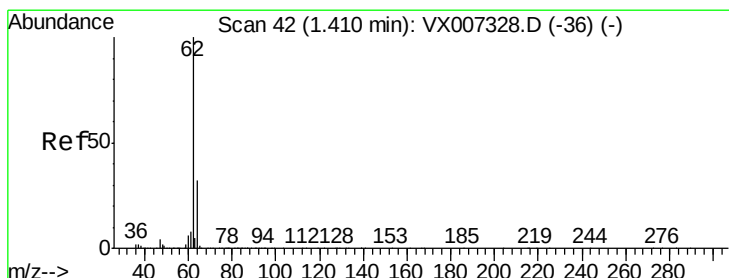
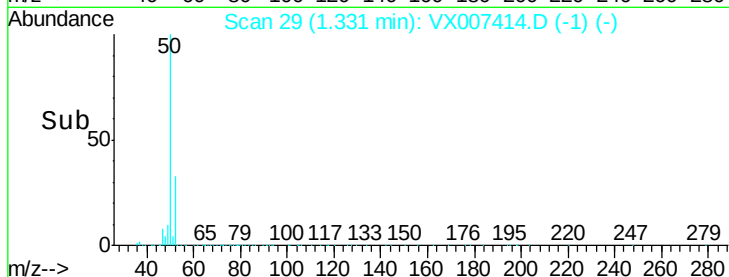
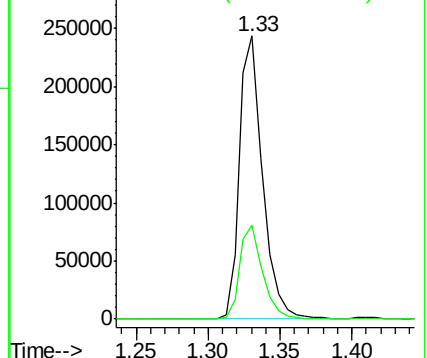
50 100

52 33.2 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.379 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007414.D

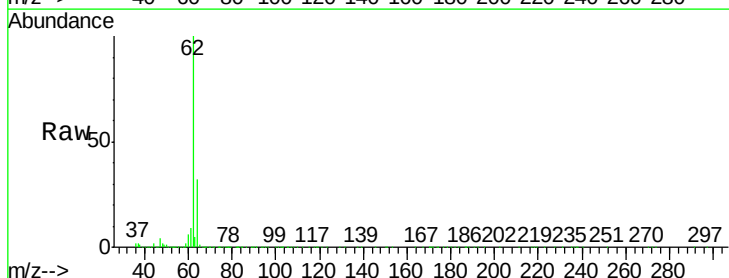
Acq: 07 Feb 2019 10:00

Tgt Ion: 62 Resp: 290965

Ion Ratio Lower Upper

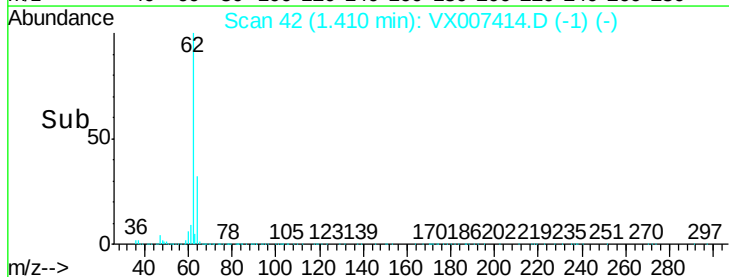
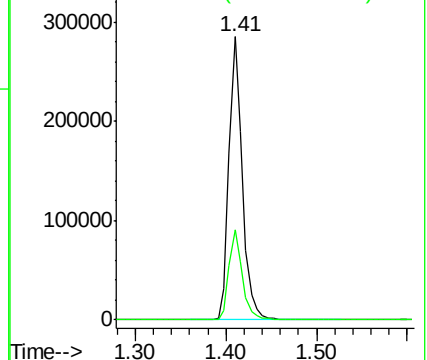
62 100

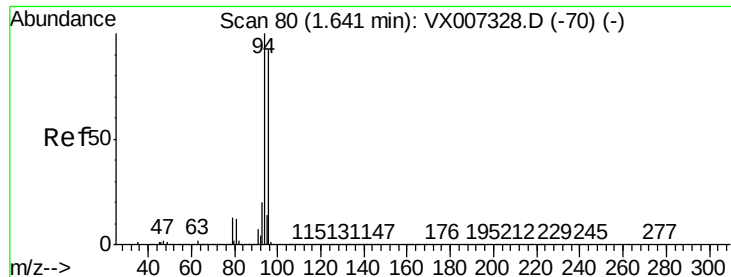
64 31.9 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.582 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

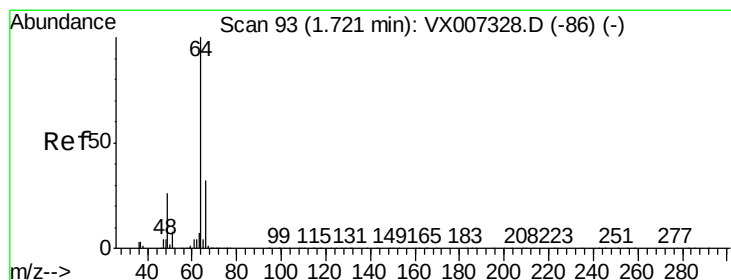
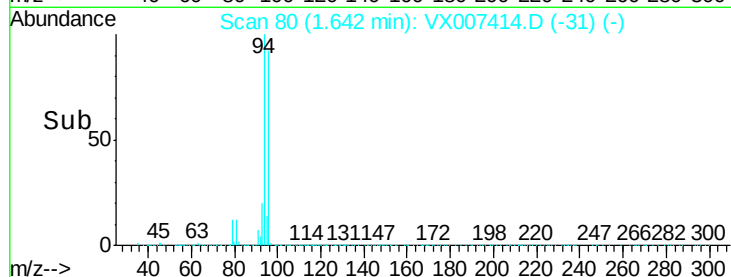
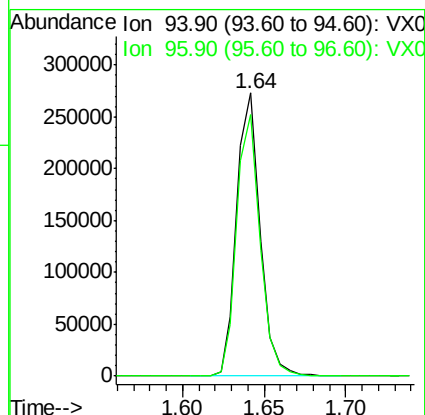
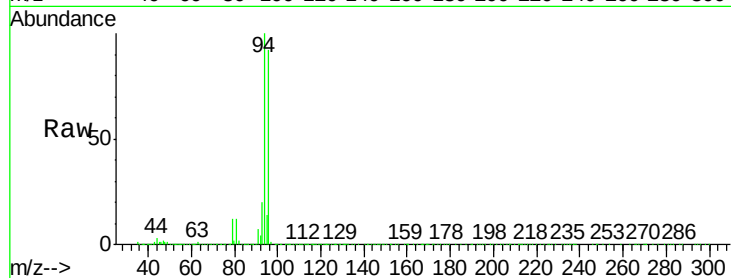
VSTDCCC050

Tot Ion: 94 Resp: 271859

Ion Ratio Lower Upper

94 100

96 92.4 73.9 110.9



#6

Chloroethane

Concen: 47.618 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007414.D

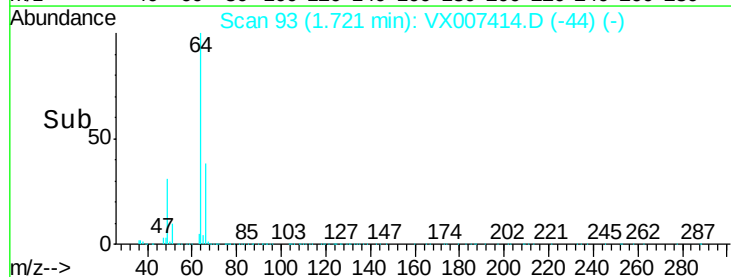
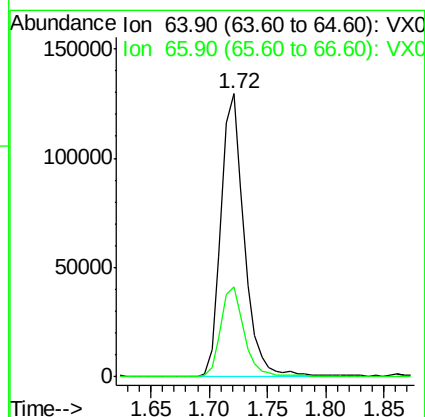
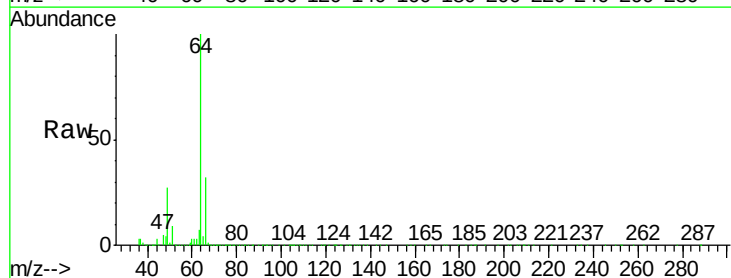
Acq: 07 Feb 2019 10:00

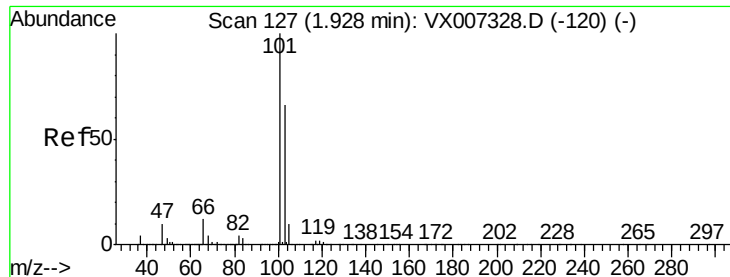
Tgt Ion: 64 Resp: 177907

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



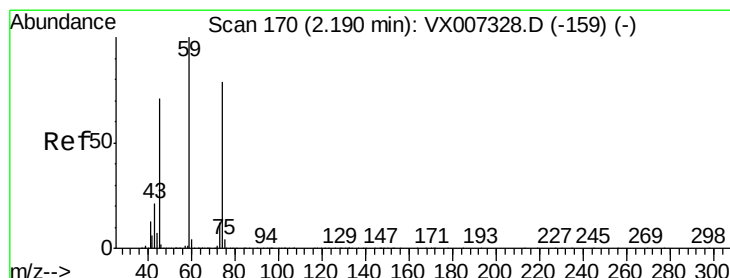
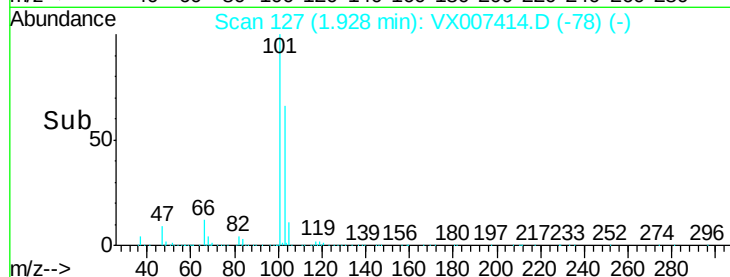
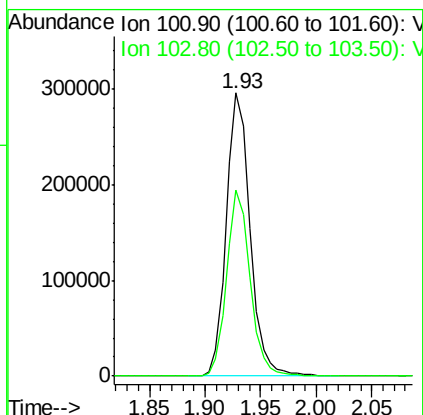
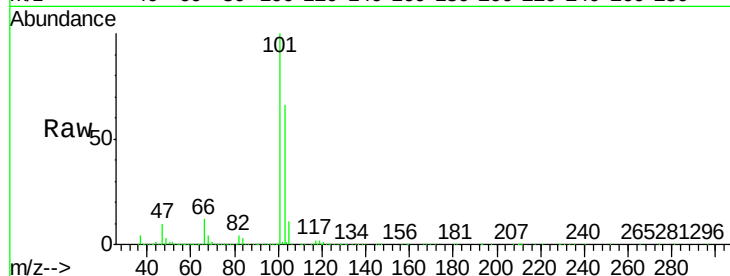


#7

Trichlorofluoromethane
Concen: 48.626 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

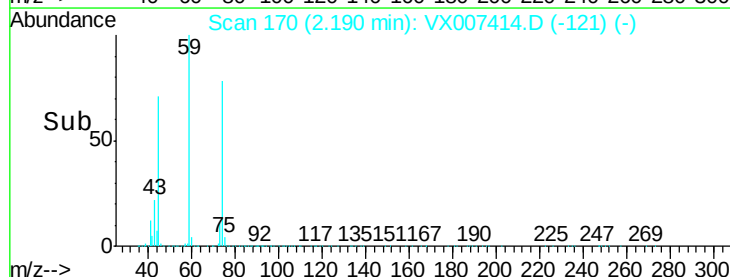
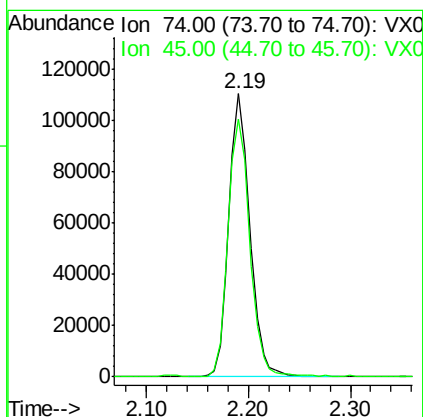
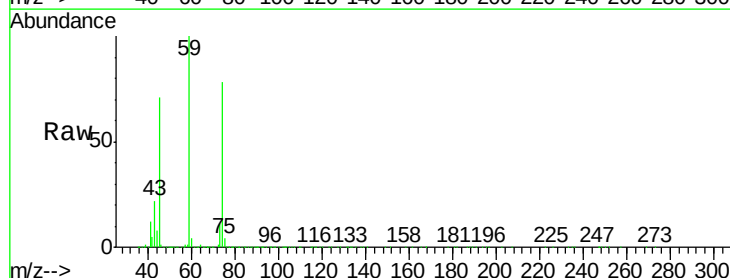
Tot Ion:101 Resp: 439330
Ion Ratio Lower Upper
101 100
103 65.7 52.6 79.0

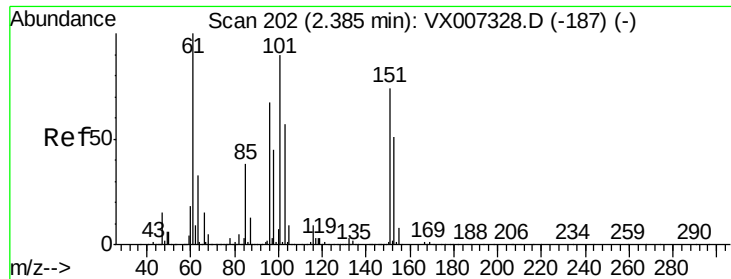


#8

Diethyl Ether
Concen: 46.491 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

Tgt Ion: 74 Resp: 158095
Ion Ratio Lower Upper
74 100
45 93.5 45.7 137.1

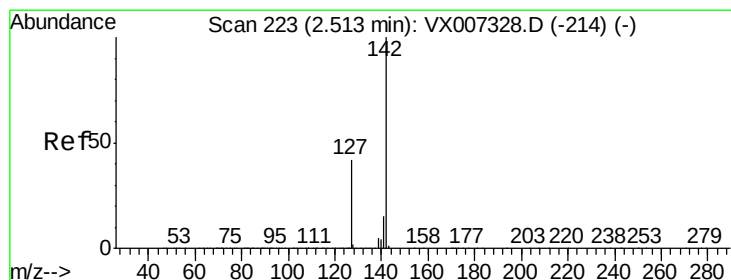
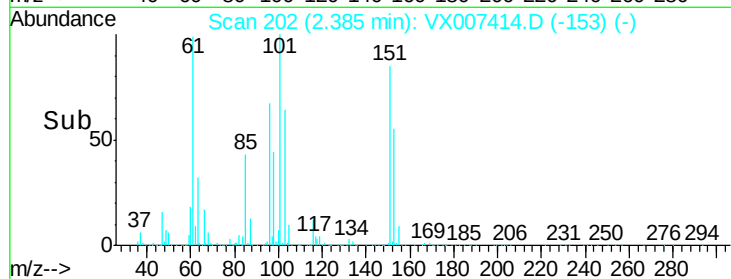
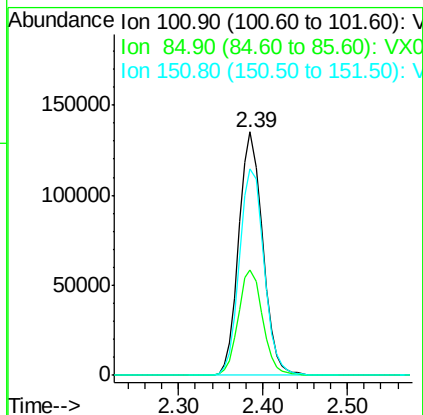
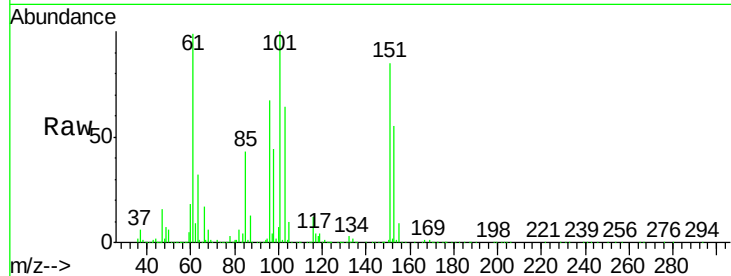




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.979 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. 0.00 min
 Lab File: VX007414.D
 Acq: 07 Feb 2019 10:00

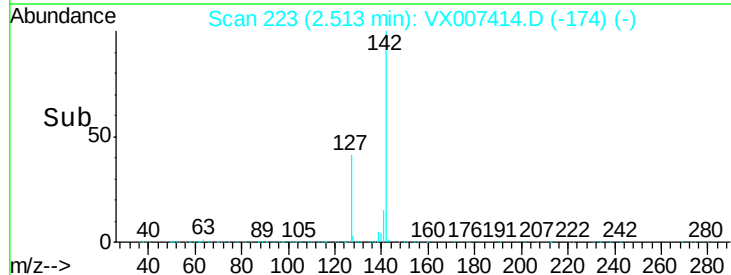
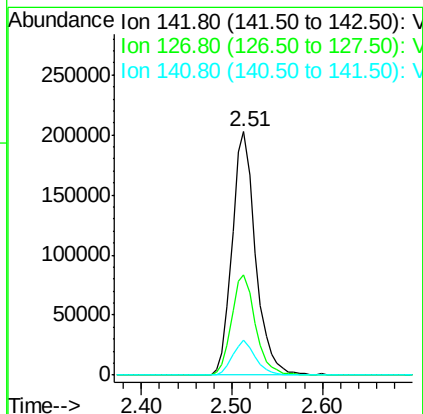
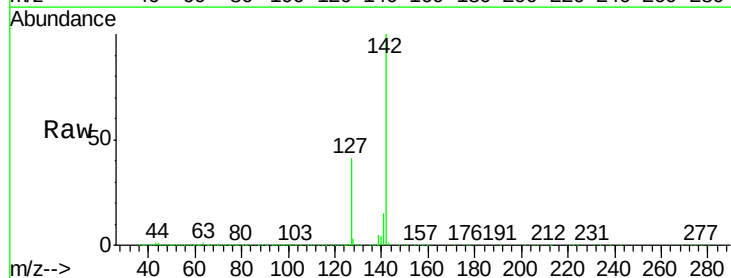
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

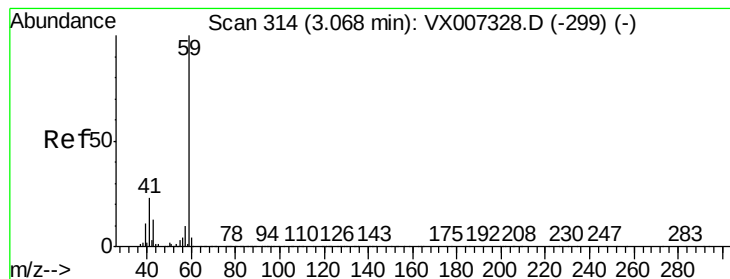
Tot Ion	Ratio	Lower	Upper
101	100		
85	44.1	34.1	51.1
151	87.2	69.9	104.9



#10
 Methyl Iodide
 Concen: 45.903 ug/l
 RT: 2.51 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VX007414.D
 Acq: 07 Feb 2019 10:00

Tgt Ion	Ratio	Lower	Upper
142	100		
127	42.2	33.7	50.5
141	13.9	11.3	16.9



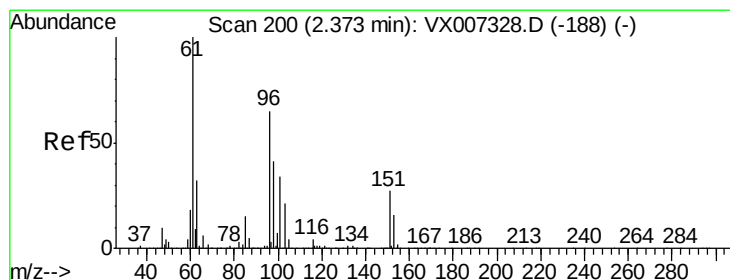
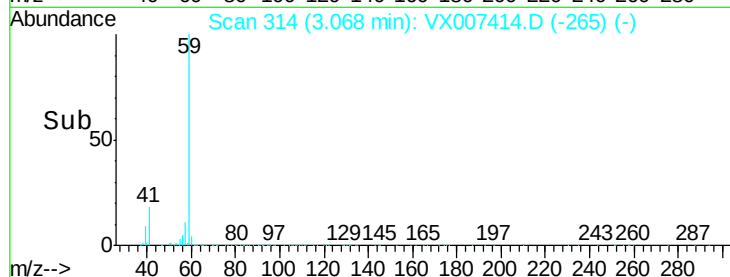
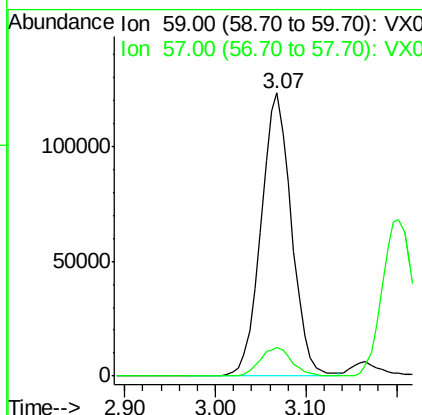
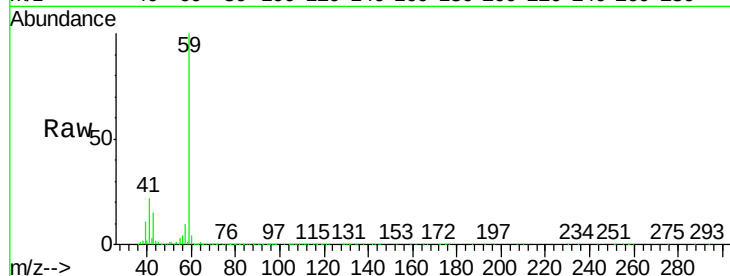


#11

Tert butyl alcohol
Concen: 248.327 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

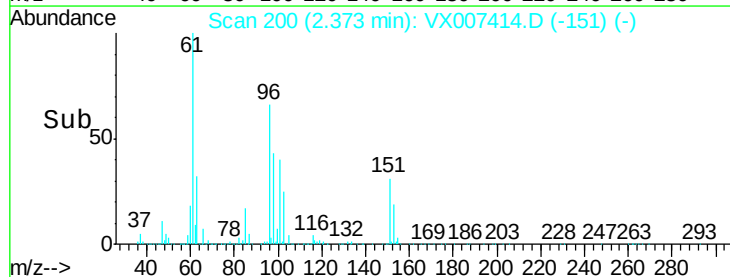
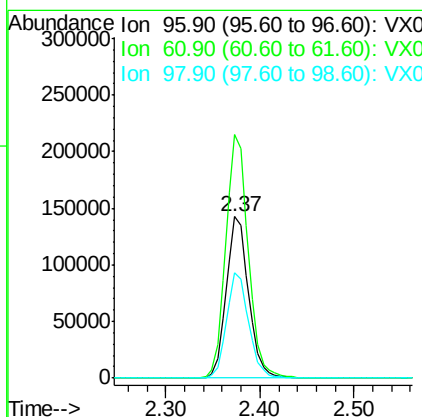
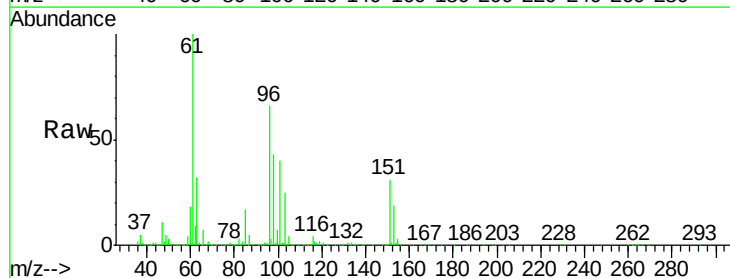
Tot Ion: 59 Resp: 285107
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1

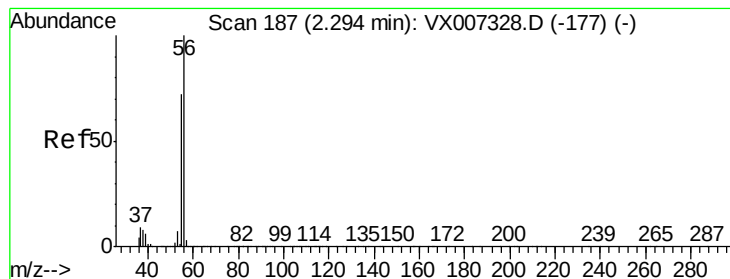


#12

1,1-Dichloroethene
Concen: 47.000 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

Tgt Ion: 96 Resp: 234552
Ion Ratio Lower Upper
96 100
61 150.6 123.0 184.4
98 65.1 50.9 76.3





#13

Acrolein

Concen: 247.472 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

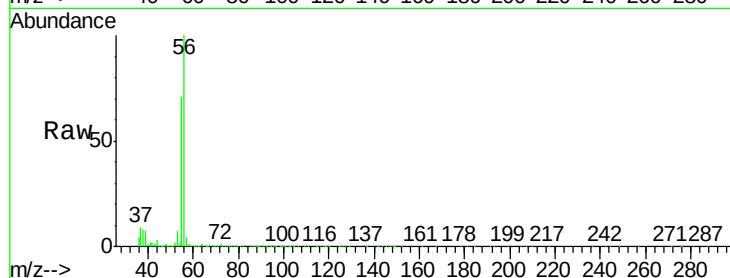
VSTDCCC050

Tot Ion: 56 Resp: 133234

Ion Ratio Lower Upper

56 100

55 72.5 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

80000

60000

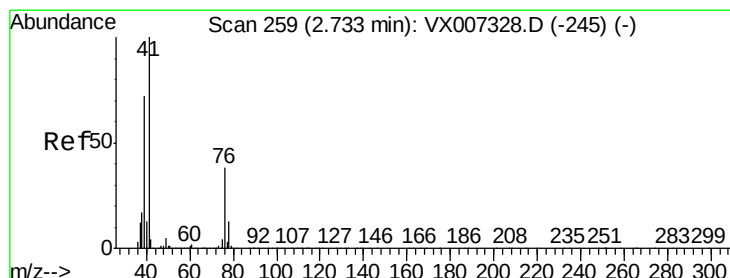
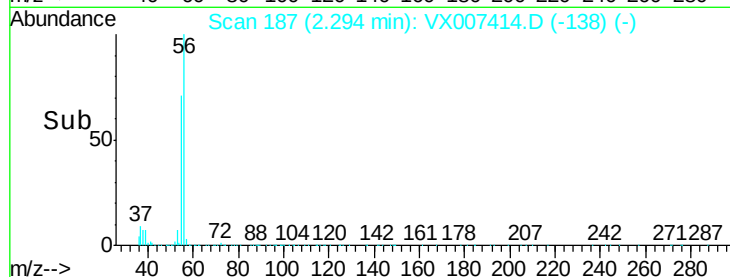
40000

20000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 49.004 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

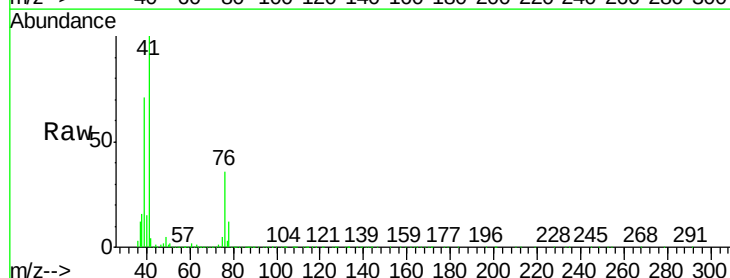
Tgt Ion: 41 Resp: 398472

Ion Ratio Lower Upper

41 100

39 66.6 54.1 81.1

76 33.7 27.8 41.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

400000

300000

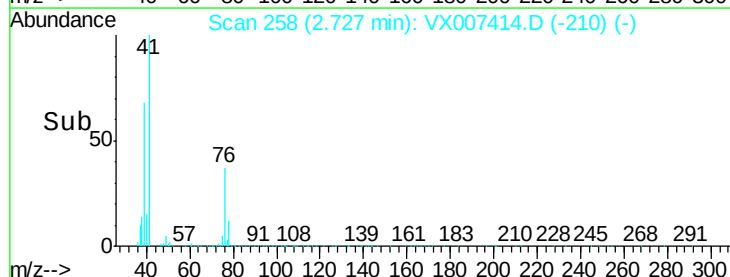
200000

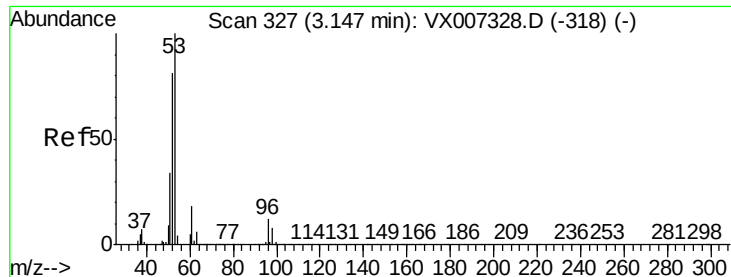
100000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 239.735 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

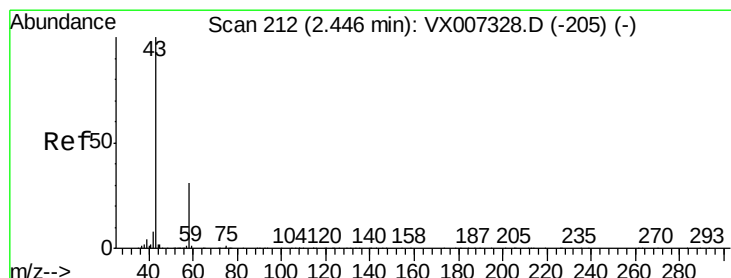
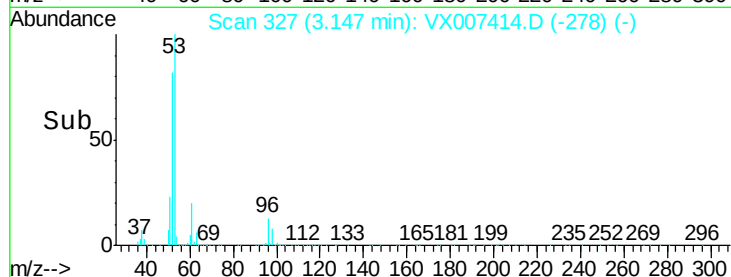
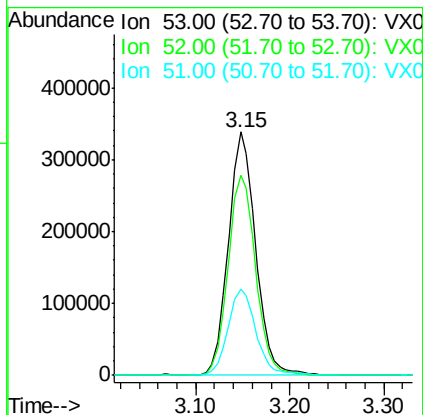
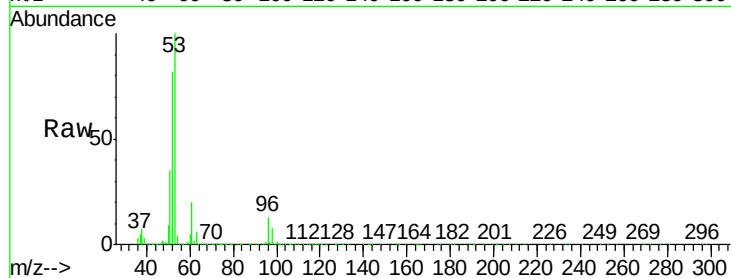
Tot Ion: 53 Resp: 680893

Ion Ratio Lower Upper

53 100

52 82.9 66.4 99.6

51 36.2 28.4 42.6



#16

Acetone

Concen: 270.413 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007414.D

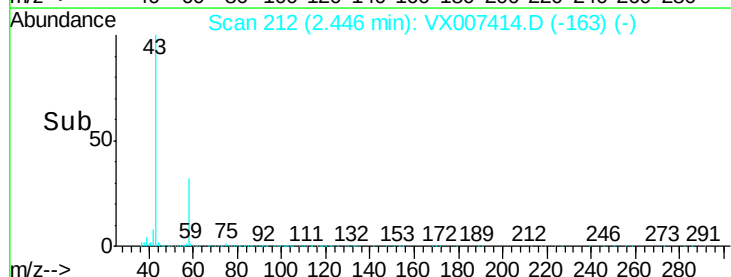
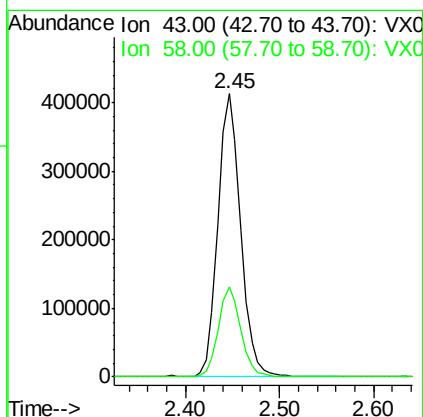
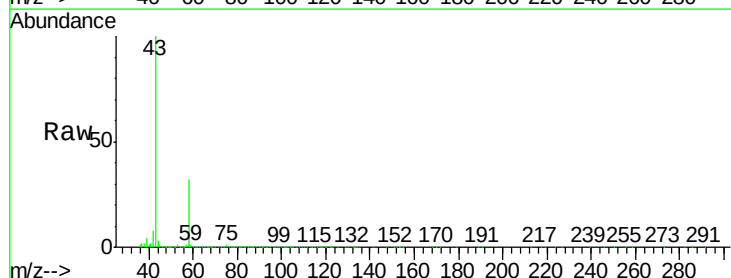
Acq: 07 Feb 2019 10:00

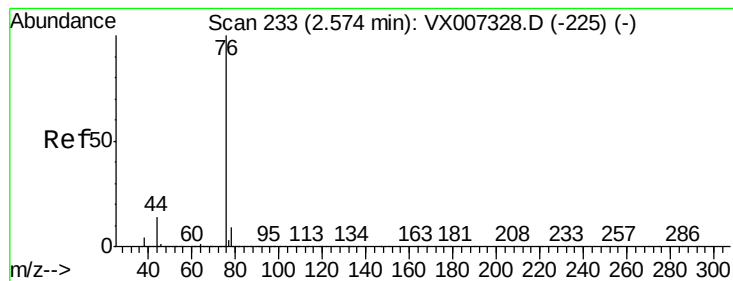
Tgt Ion: 43 Resp: 687195

Ion Ratio Lower Upper

43 100

58 31.6 24.9 37.3





#17

Carbon Disulfide

Concen: 45.715 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

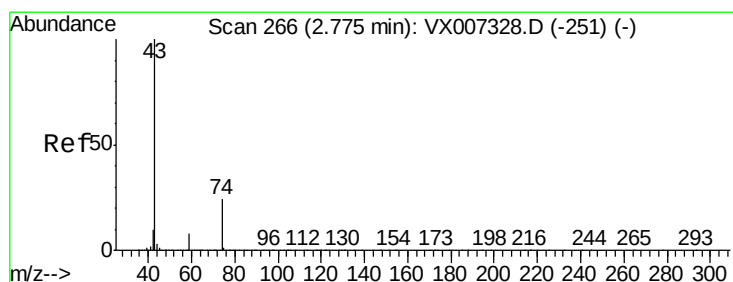
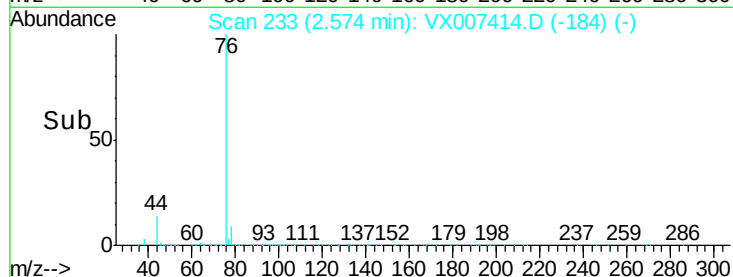
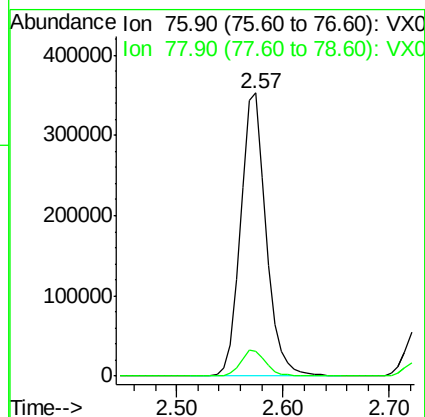
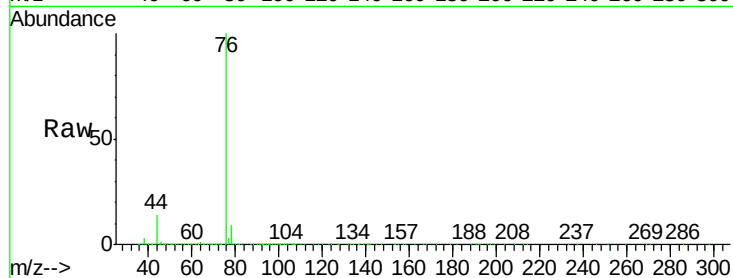
VSTDCCC050

Tot Ion: 76 Resp: 594088

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



#18

Methyl Acetate

Concen: 53.365 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX007414.D

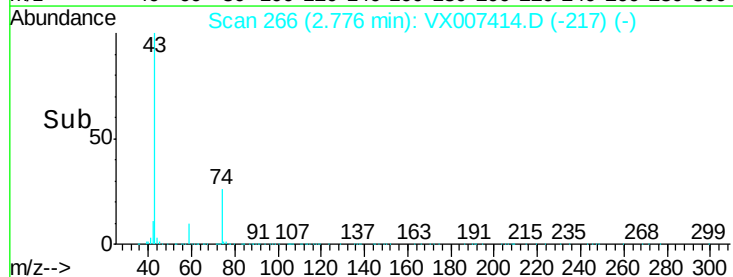
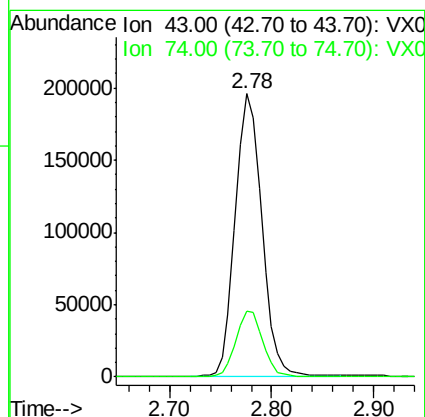
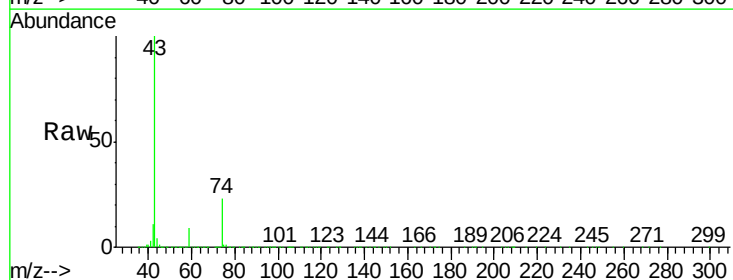
Acq: 07 Feb 2019 10:00

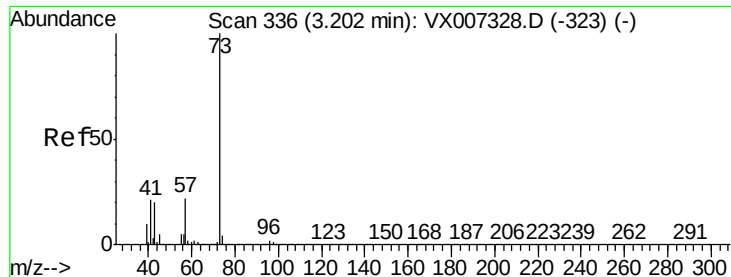
Tgt Ion: 43 Resp: 353618

Ion Ratio Lower Upper

43 100

74 23.9 19.4 29.2

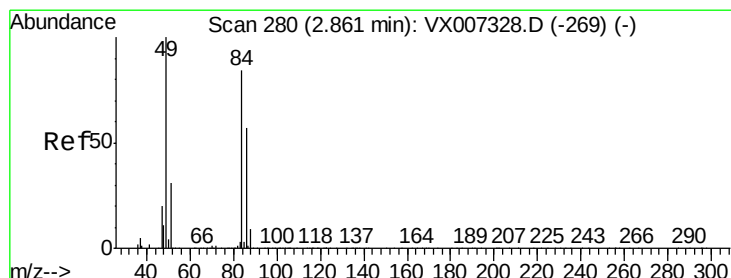
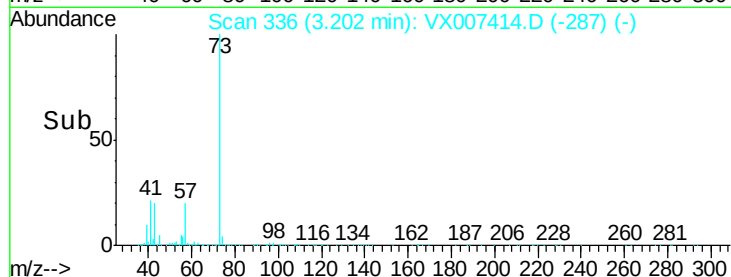
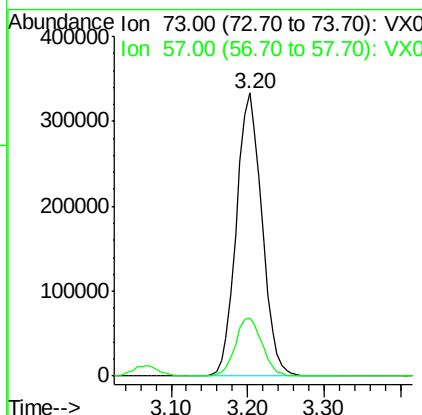
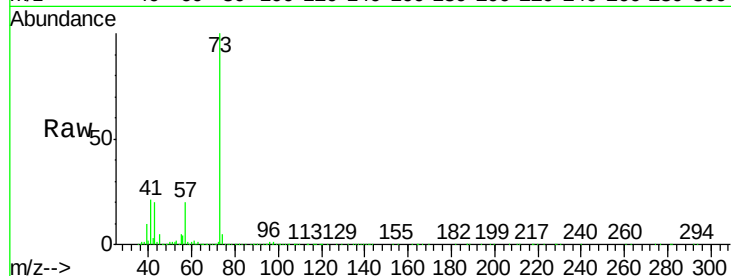




#19
Methyl tert-butyl Ether
Concen: 47.835 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

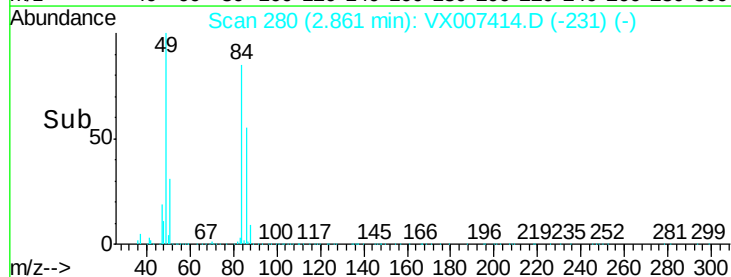
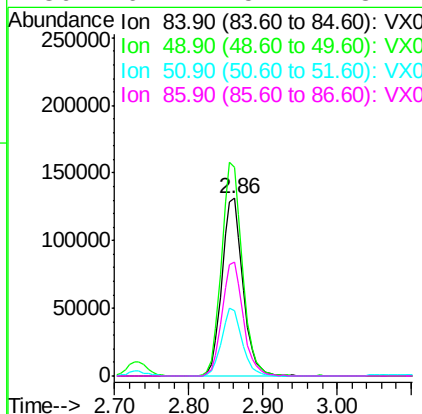
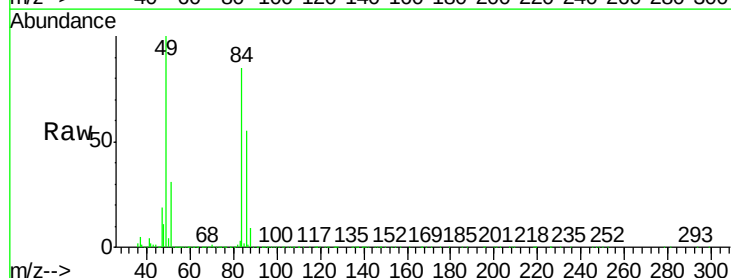
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

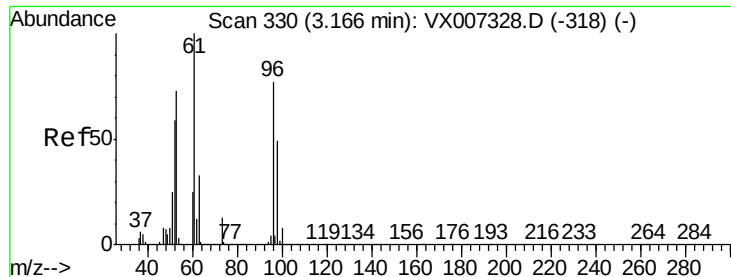
Tot Ion: 73 Resp: 773390
Ion Ratio Lower Upper
73 100
57 20.4 17.8 26.8



#20
Methylene Chloride
Concen: 49.737 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

Tgt Ion: 84 Resp: 258182
Ion Ratio Lower Upper
84 100
49 117.9 94.8 142.2
51 36.5 29.8 44.8
86 64.4 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 46.695 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

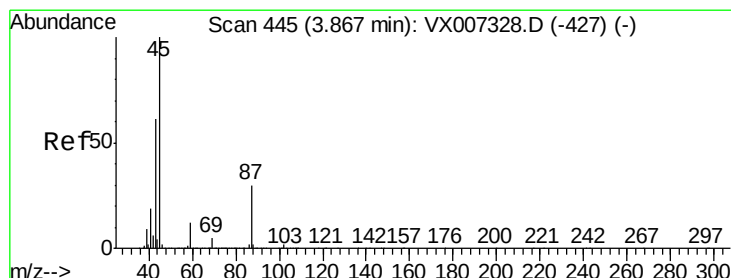
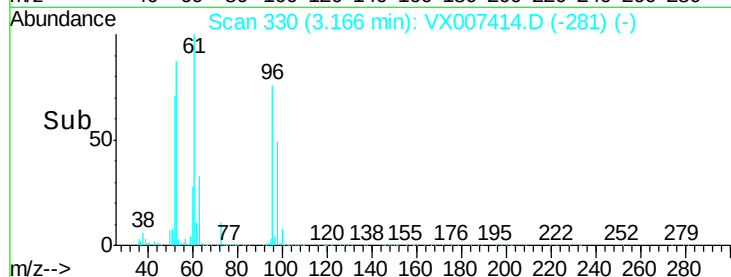
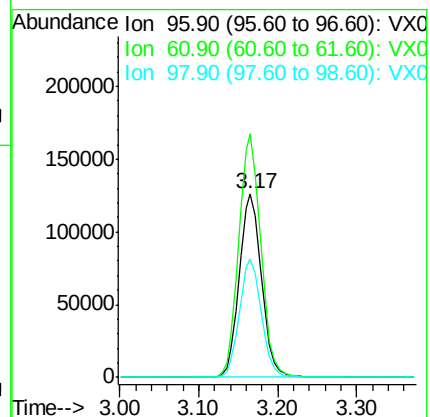
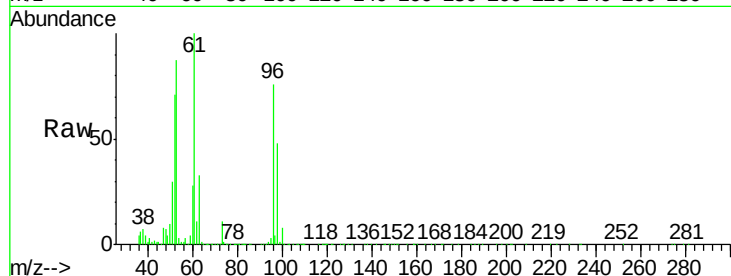
Tot Ion: 96 Resp: 248235

Ion Ratio Lower Upper

96 100

61 132.1 104.6 156.8

98 64.1 51.0 76.4



#22

Diisopropyl ether

Concen: 50.296 ug/l

RT: 3.87 min Scan# 445

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Tgt Ion: 45 Resp: 752285

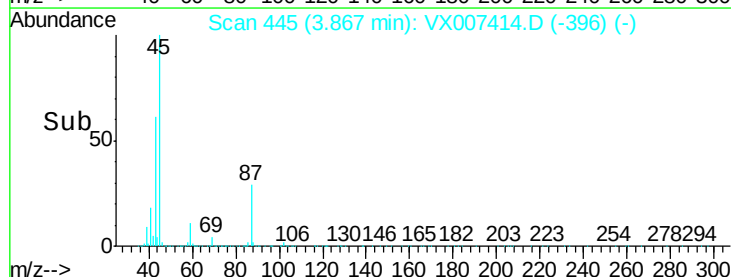
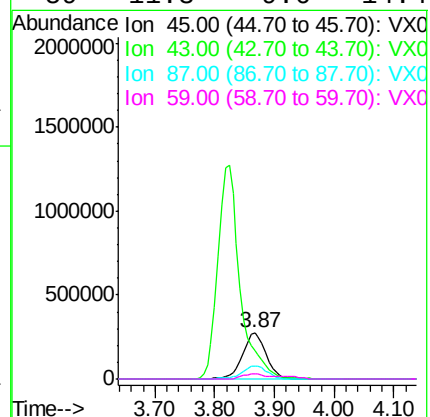
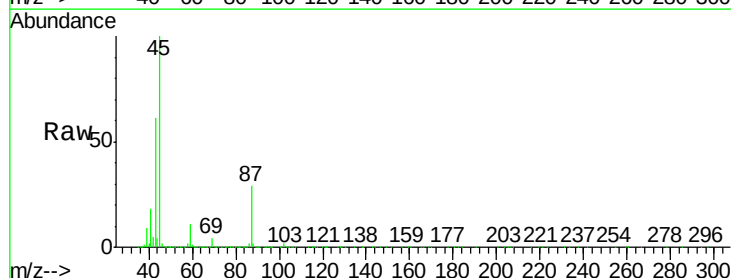
Ion Ratio Lower Upper

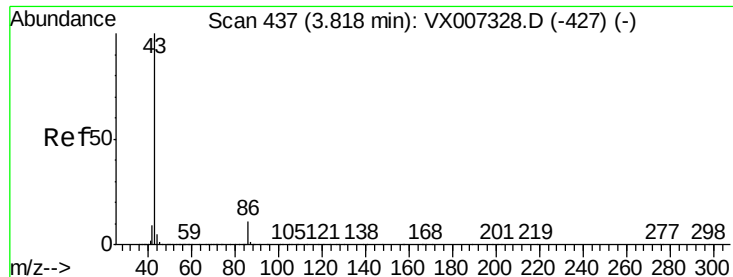
45 100

43 61.3 48.9 73.3

87 28.9 23.9 35.9

59 11.3 9.6 14.4





#23

Vinyl Acetate

Concen: 266.267 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

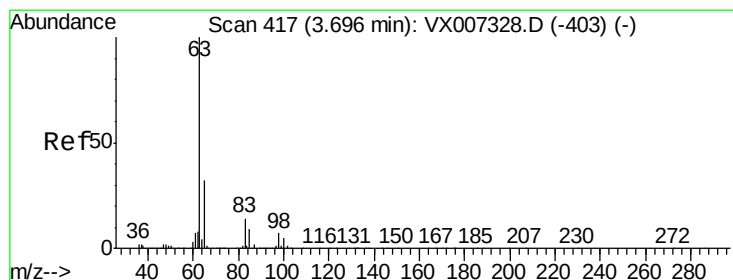
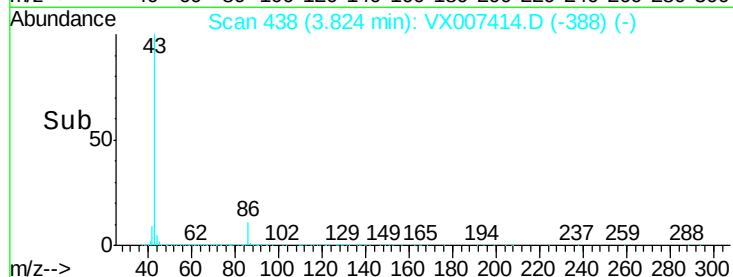
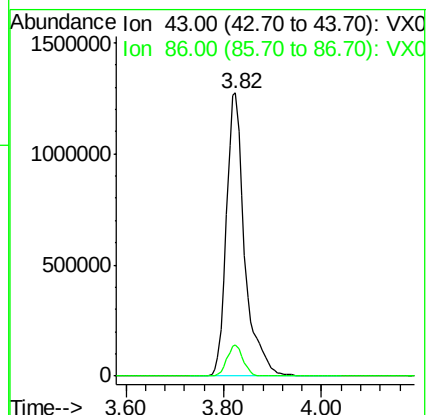
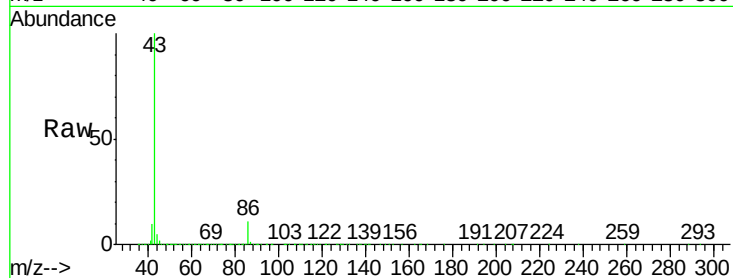
VSTDCCC050

Tot Ion: 43 Resp: 3304841

Ion Ratio Lower Upper

43 100

86 11.1 8.7 13.1



#24

1,1-Dichloroethane

Concen: 51.027 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

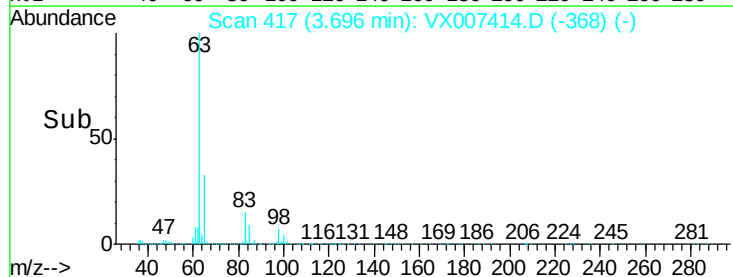
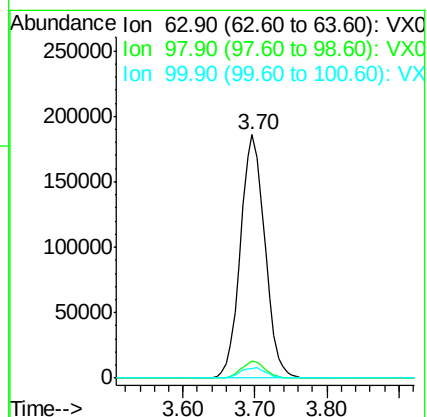
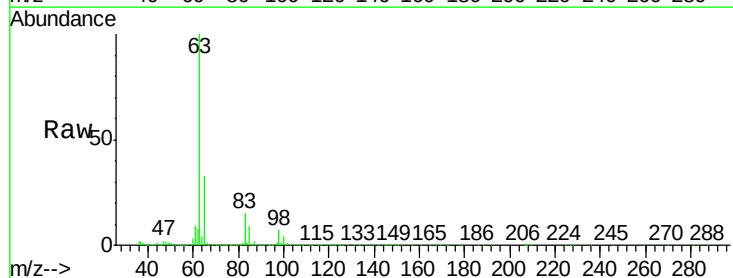
Tgt Ion: 63 Resp: 438293

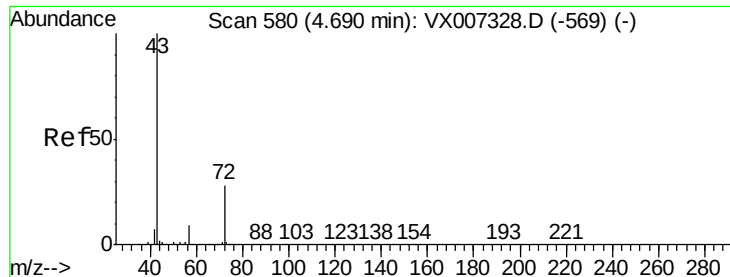
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 3.9 2.5 7.4





#25

2-Butanone

Concen: 258.440 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

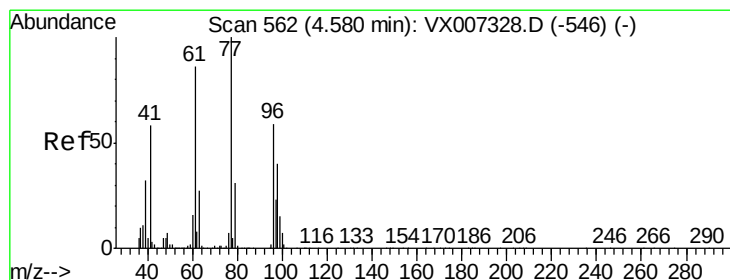
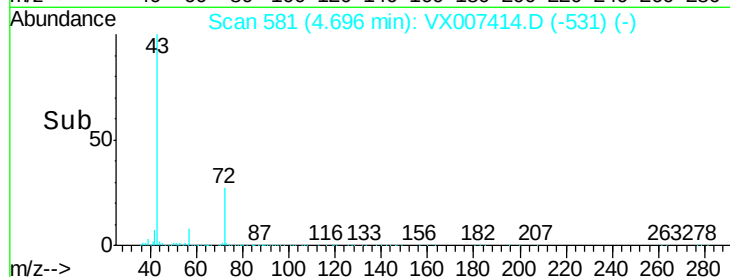
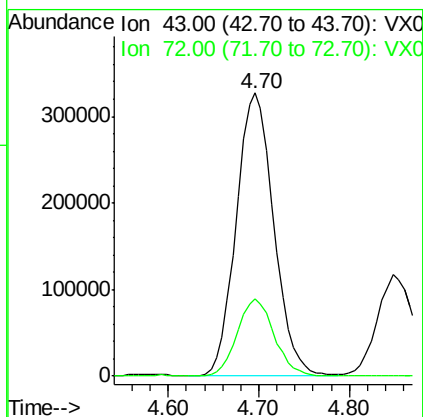
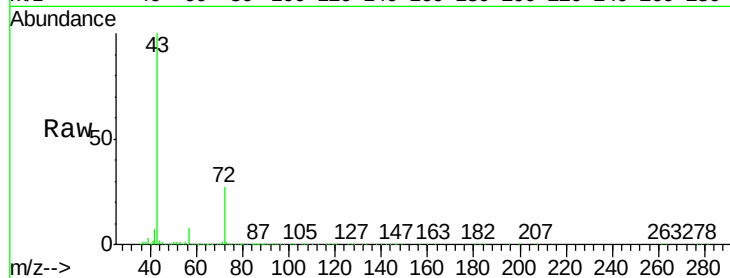
VSTDCCC050

Tot Ion: 43 Resp: 934661

Ion Ratio Lower Upper

43 100

72 27.1 22.2 33.2



#26

2,2-Dichloropropane

Concen: 50.342 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX007414.D

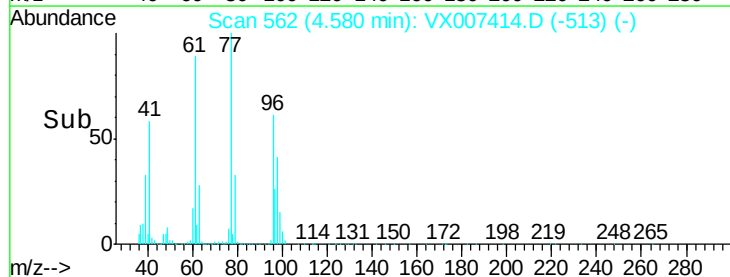
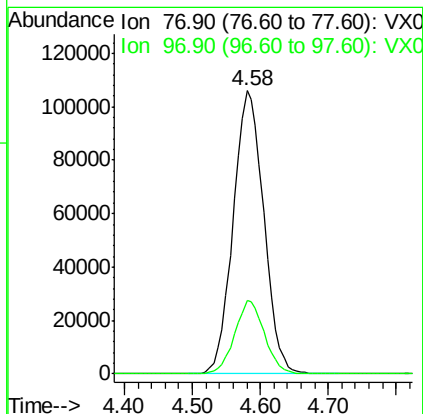
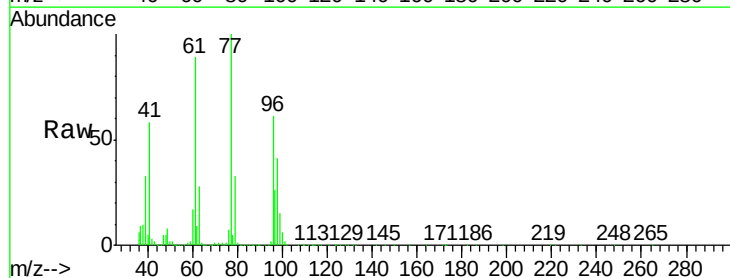
Acq: 07 Feb 2019 10:00

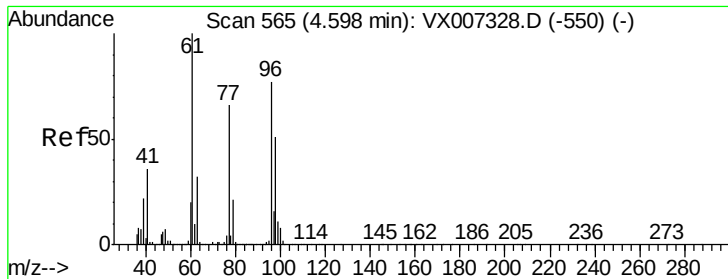
Tgt Ion: 77 Resp: 329305

Ion Ratio Lower Upper

77 100

97 25.3 12.1 36.3



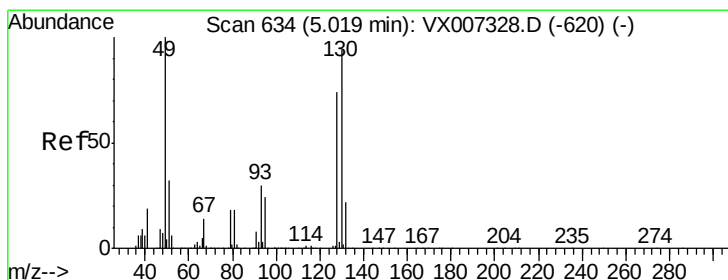
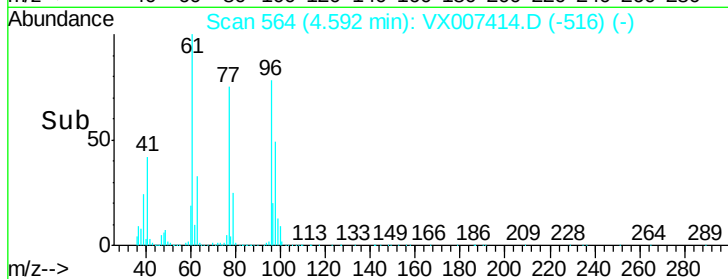
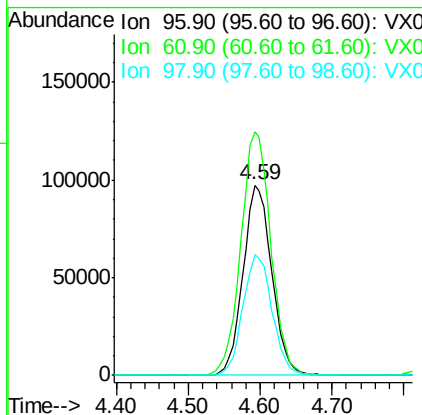
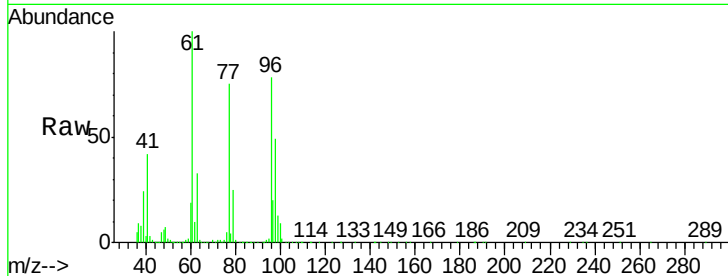


#27

cis-1,2-Dichloroethene
Concen: 46.384 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

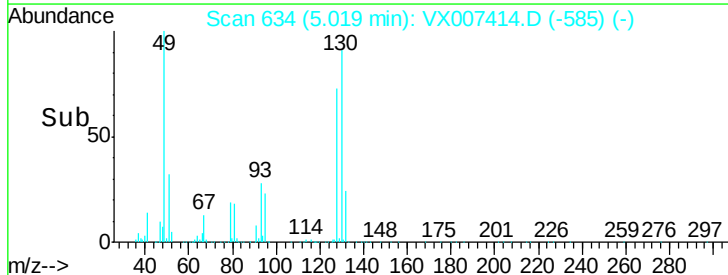
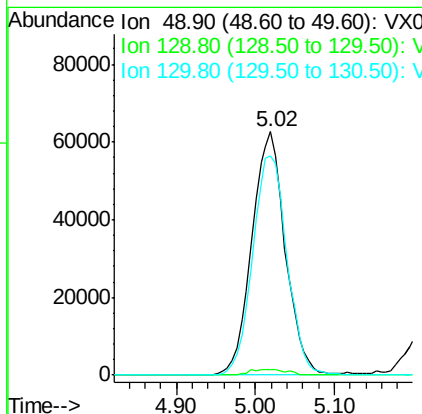
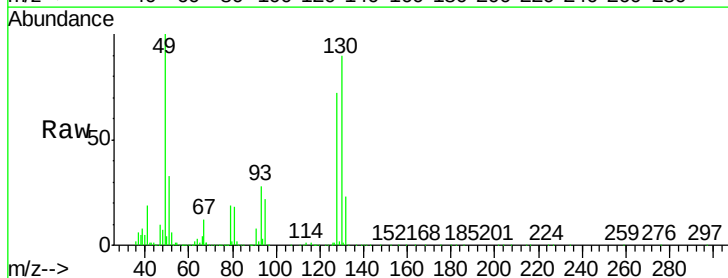
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.4	0.0	265.6
98	64.5	0.0	131.6

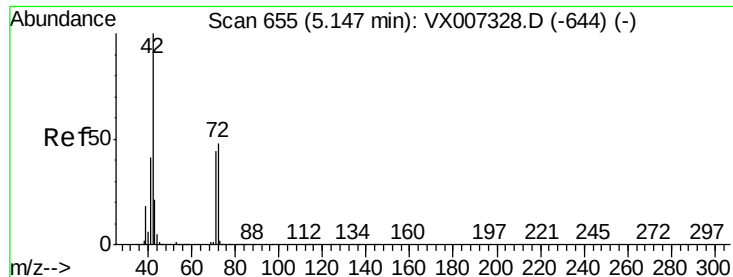


#28

Bromochloromethane
Concen: 46.561 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	93.1	75.6	113.4

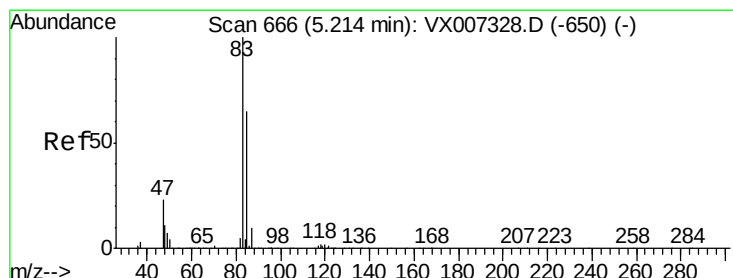
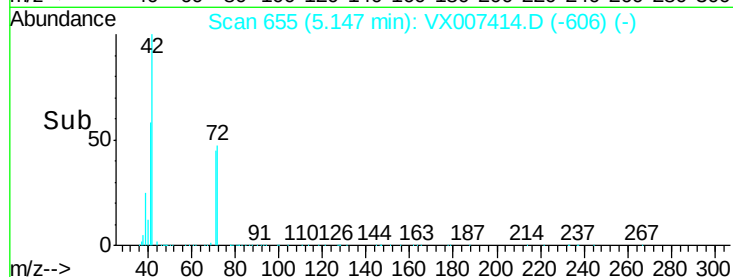
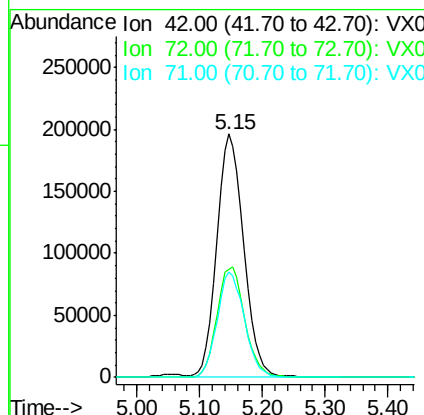
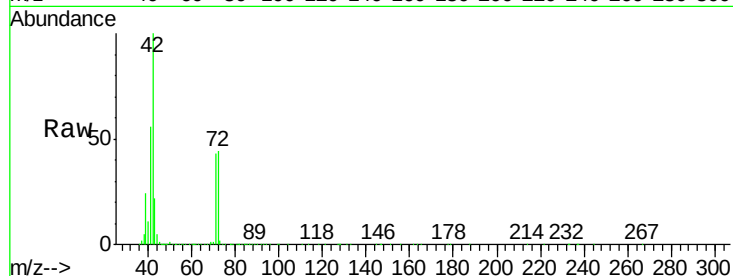




#29
Tetrahydrofuran
Concen: 255.876 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

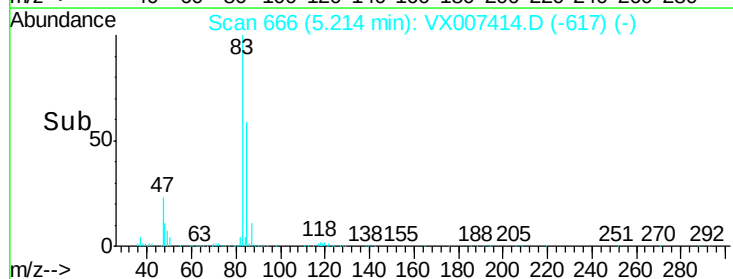
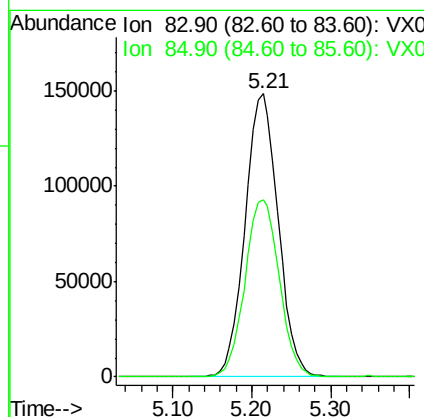
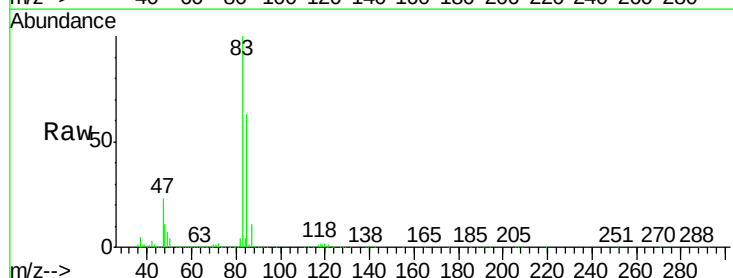
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

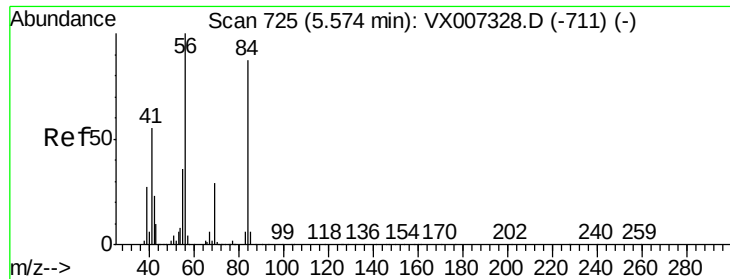
Tot Ion: 42 Resp: 582007
Ion Ratio Lower Upper
42 100
72 47.2 37.6 56.4
71 43.8 34.6 51.8



#30
Chloroform
Concen: 48.334 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

Tgt Ion: 83 Resp: 433218
Ion Ratio Lower Upper
83 100
85 62.8 51.6 77.4

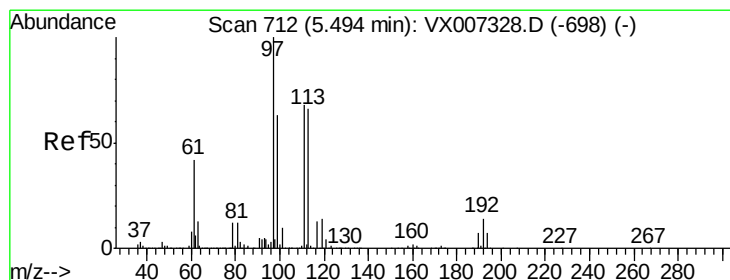
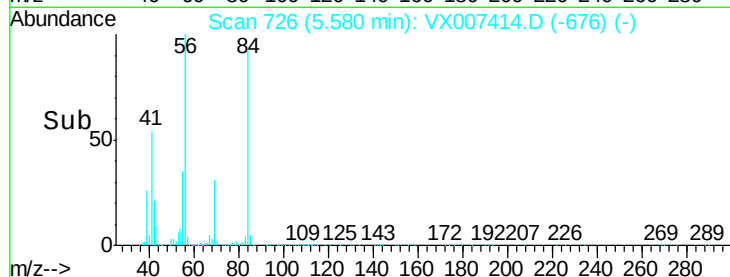
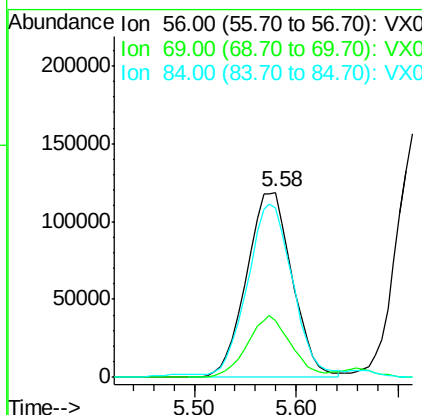
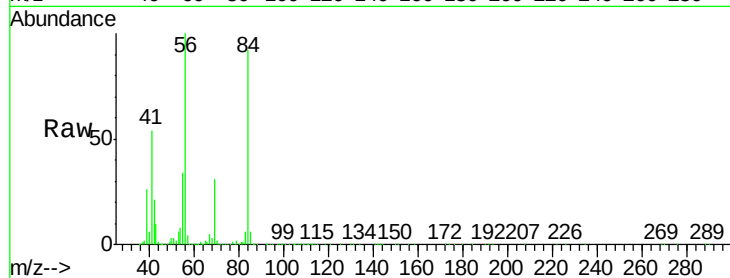




#31
Cyclohexane
Concen: 47.833 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

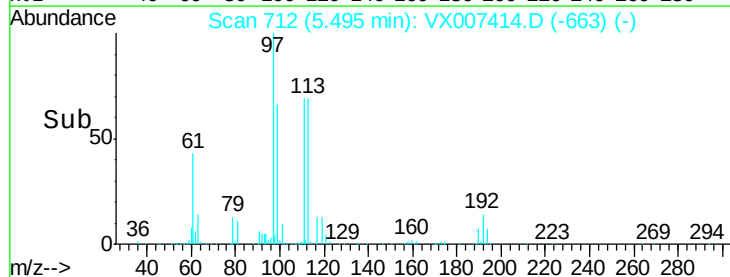
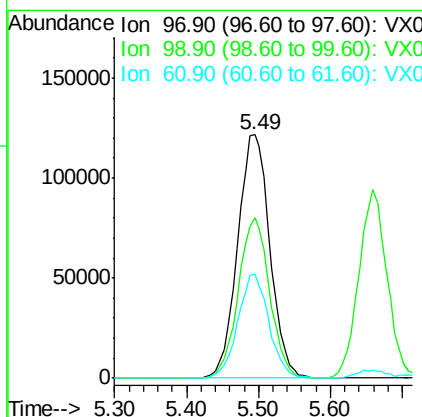
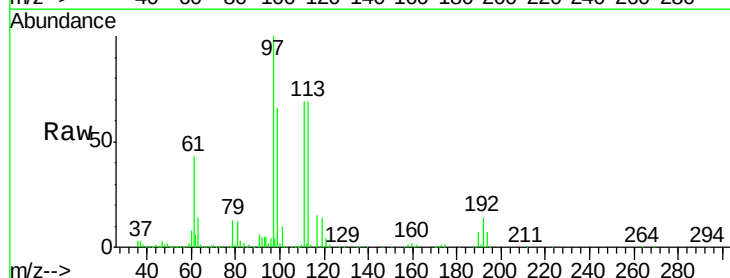
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

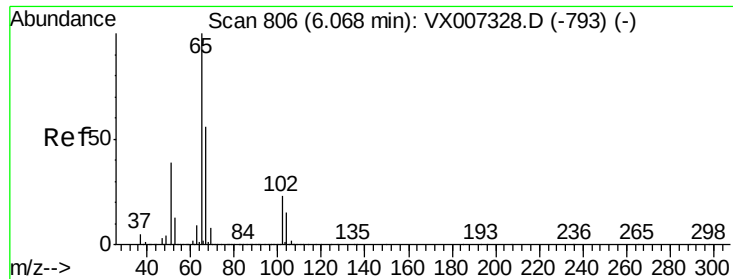
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	23.0	34.6
84	90.2	69.8	104.6



#32
1,1,1-Trichloroethane
Concen: 49.918 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	52.2	78.2
61	41.0	32.7	49.1

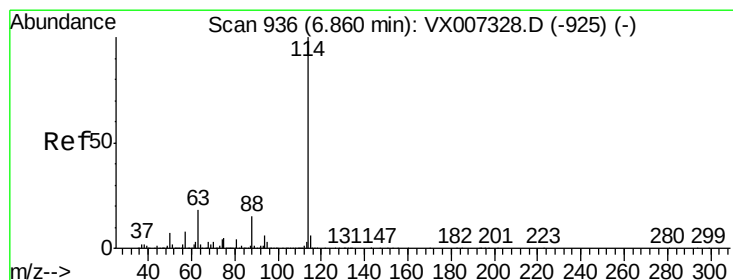
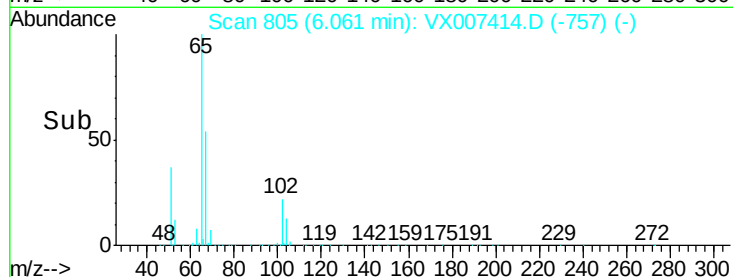
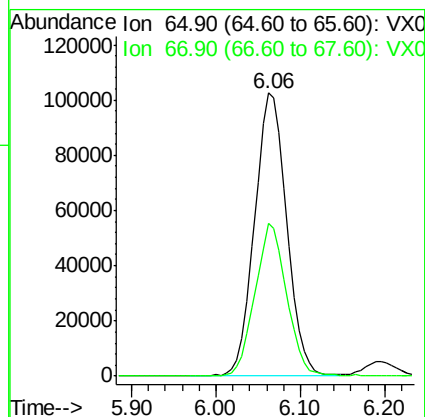
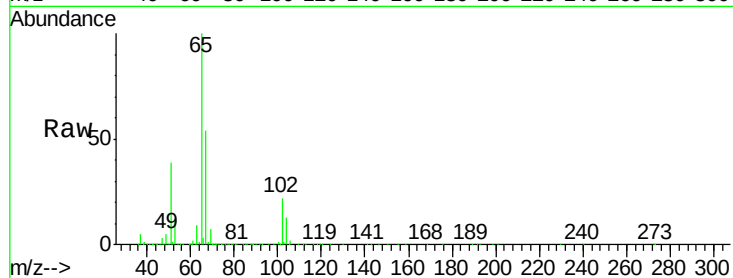




#33
 1,2-Dichloroethane-d4
 Concen: 48.073 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX007414.D
 Acq: 07 Feb 2019 10:00

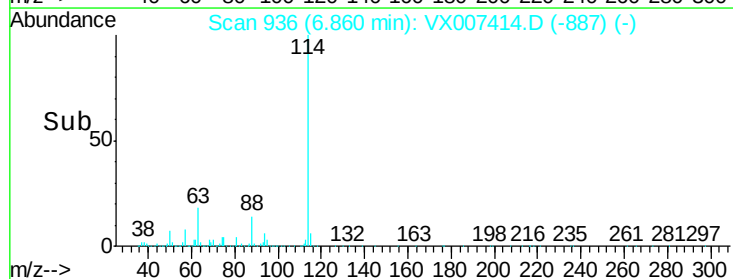
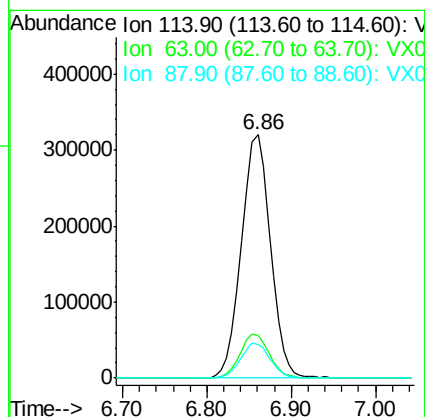
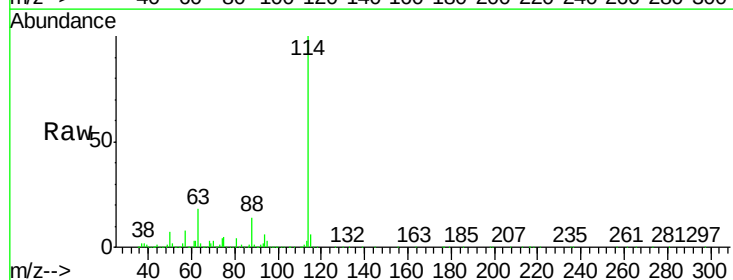
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

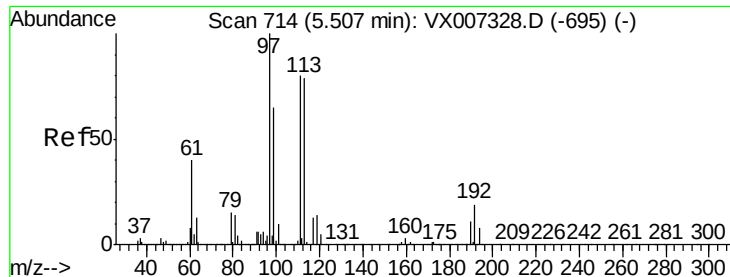
Tot Ion: 65 Resp: 266696
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007414.D
 Acq: 07 Feb 2019 10:00

Tgt Ion: 114 Resp: 746283
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.6
 88 14.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.618 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

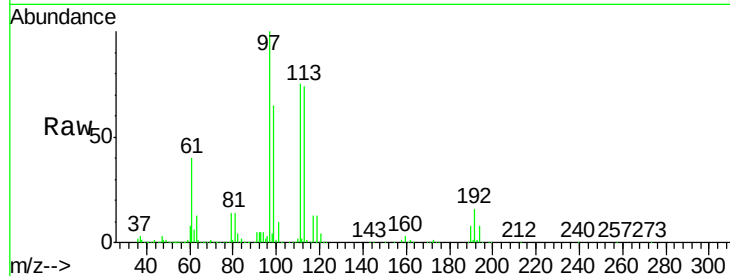
Tot Ion:113 Resp: 240934

Ion Ratio Lower Upper

113 100

111 103.2 81.8 122.8

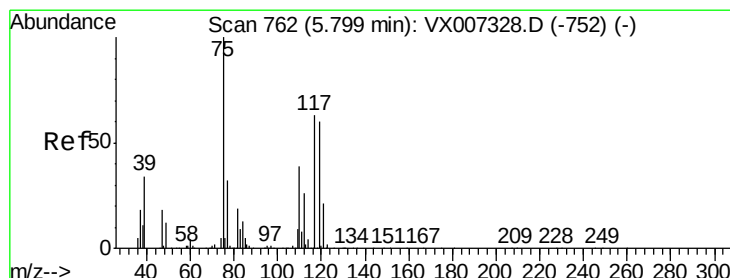
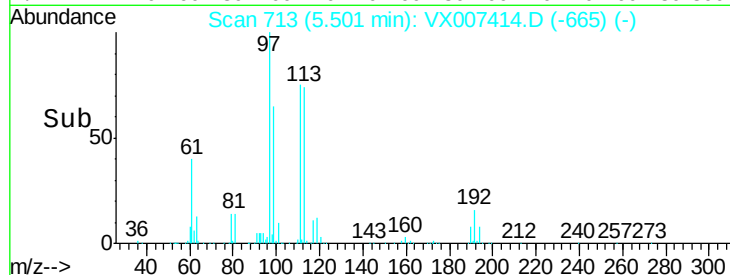
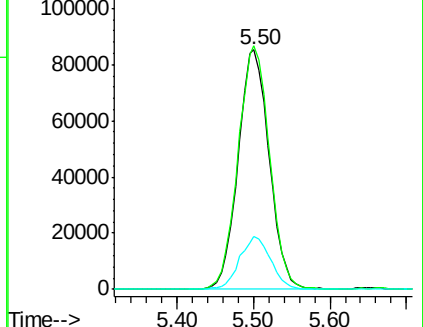
192 22.3 18.5 27.7



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: 47.803 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

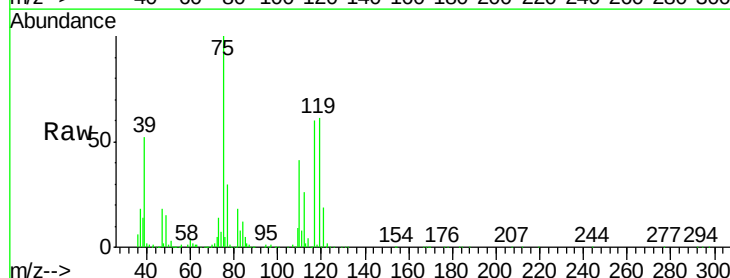
Tgt Ion: 75 Resp: 320084

Ion Ratio Lower Upper

75 100

110 40.1 20.0 59.9

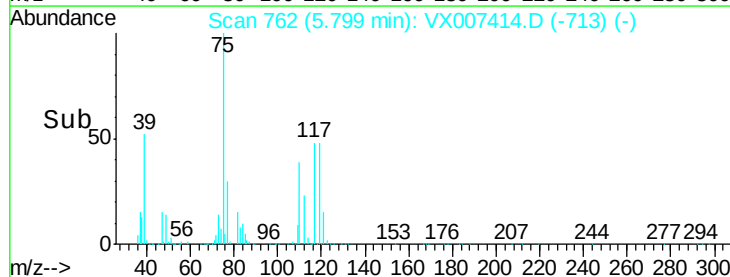
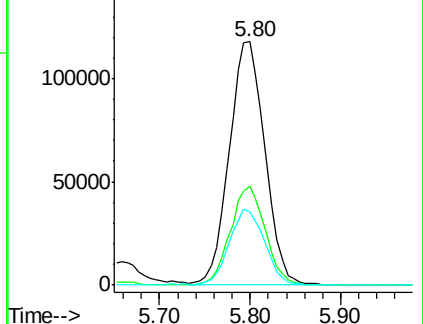
77 30.9 24.7 37.1

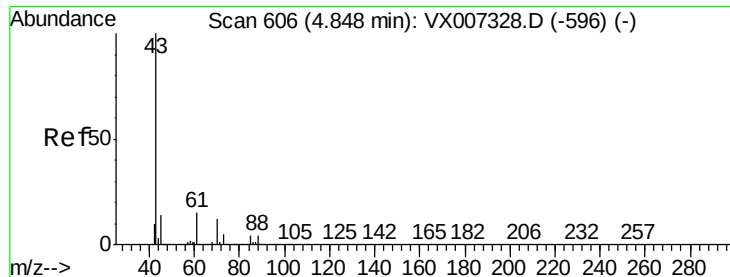


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

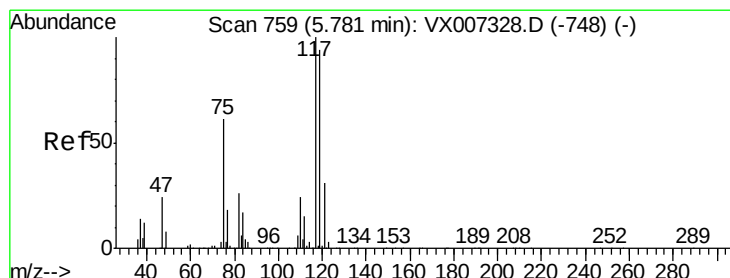
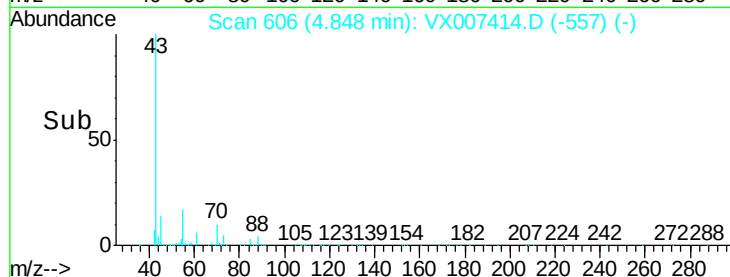
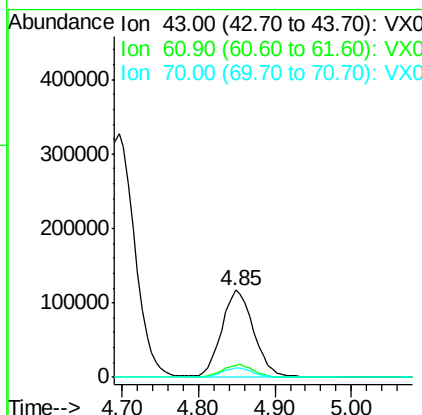
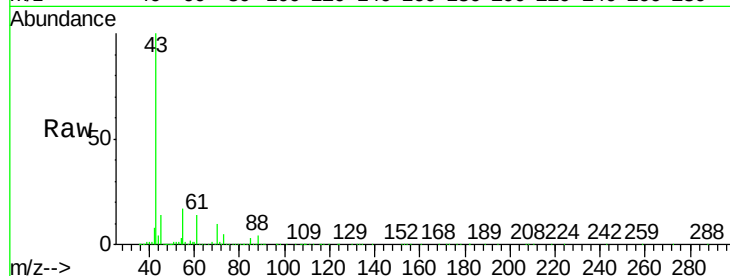




#37
Ethyl Acetate
Concen: 49.574 ug/l
RT: 4.85 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

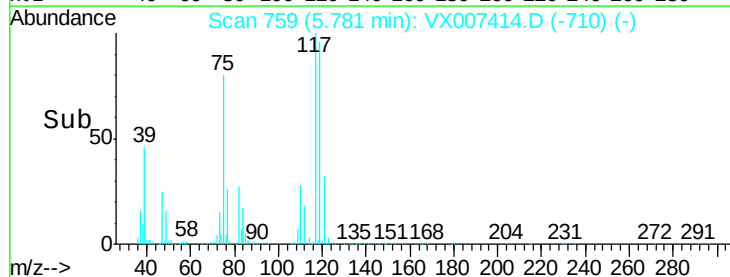
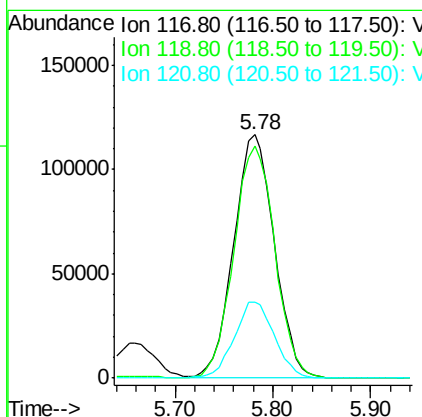
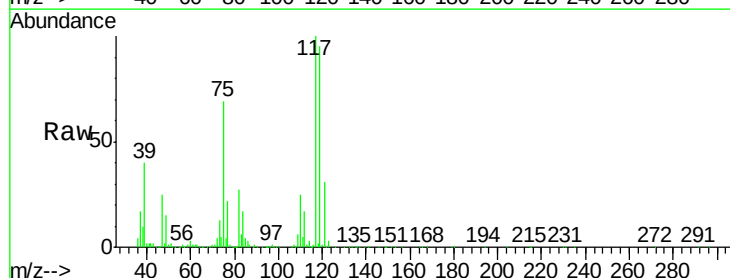
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

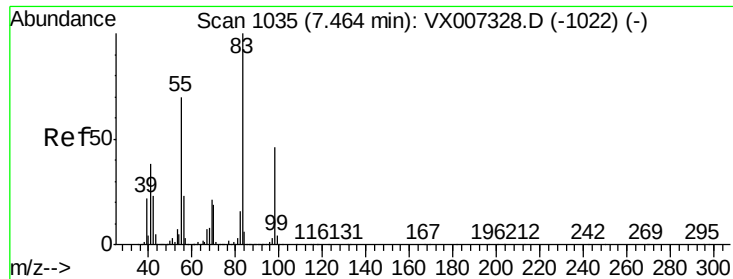
Tot Ion: 43 Resp: 335554
Ion Ratio Lower Upper
43 100
61 14.5 11.3 16.9
70 10.7 8.6 13.0



#38
Carbon Tetrachloride
Concen: 51.685 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

Tgt Ion: 117 Resp: 335749
Ion Ratio Lower Upper
117 100
119 95.4 75.3 112.9
121 31.2 25.0 37.4

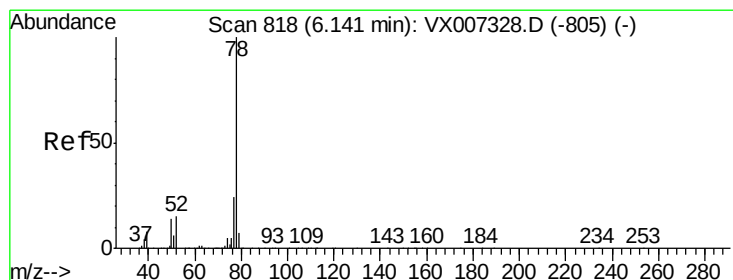
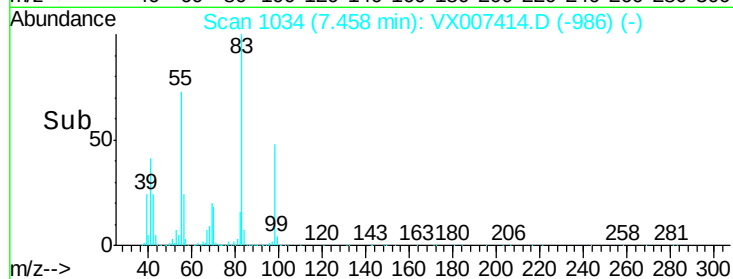
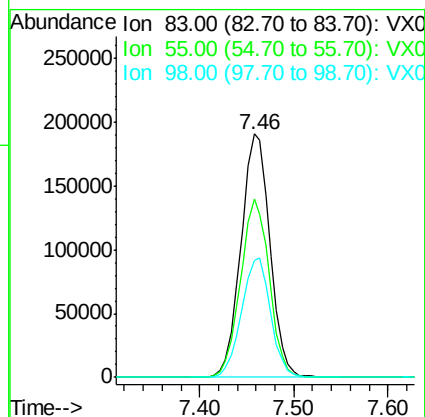
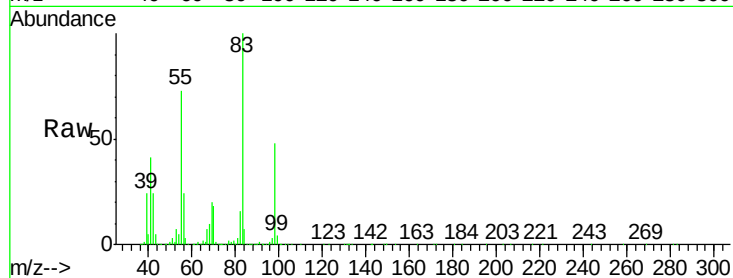




#39
Methylvlcyclohexane
Concen: 50.631 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

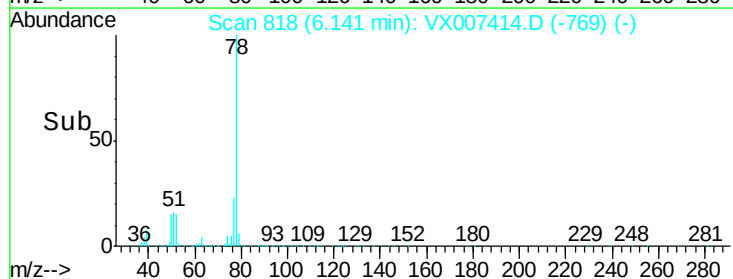
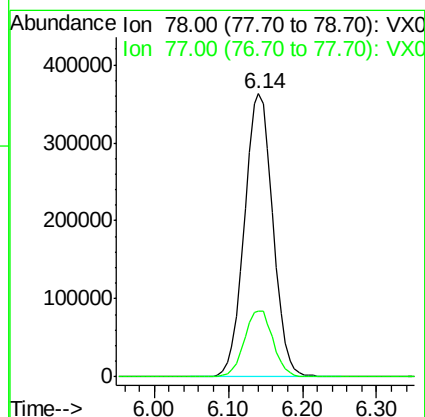
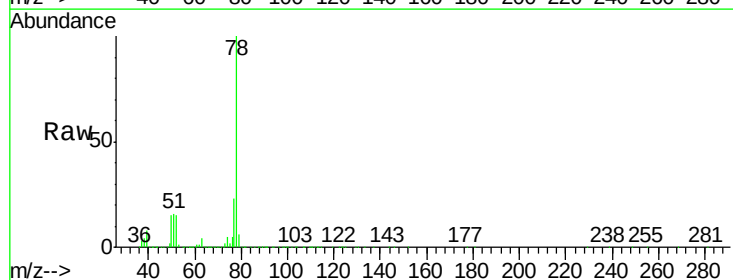
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

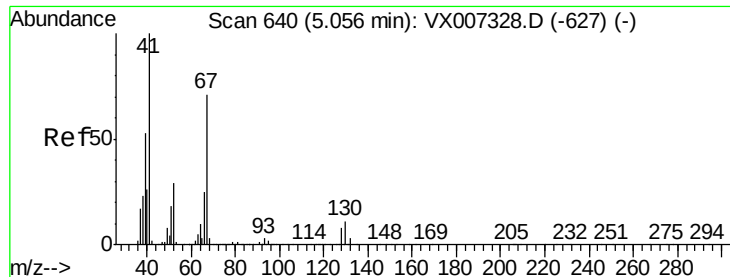
Tot Ion: 83 Resp: 410182
Ion Ratio Lower Upper
83 100
55 73.1 56.2 84.2
98 47.8 36.8 55.2



#40
Benzene
Concen: 49.350 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

Tgt Ion: 78 Resp: 973400
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9





#41

Methacrylonitrile

Concen: 50.941 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 184800

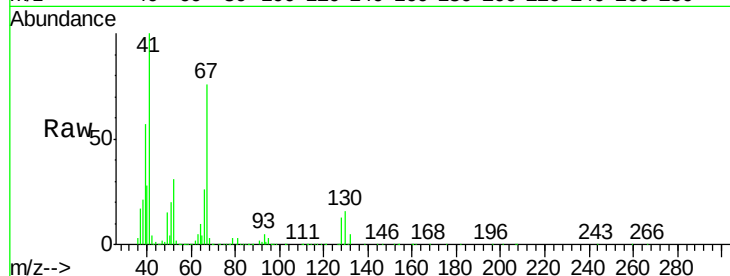
Ion Ratio Lower Upper

41 100

39 54.7 44.5 66.7

67 77.9 60.4 90.6

52 30.6 24.1 36.1

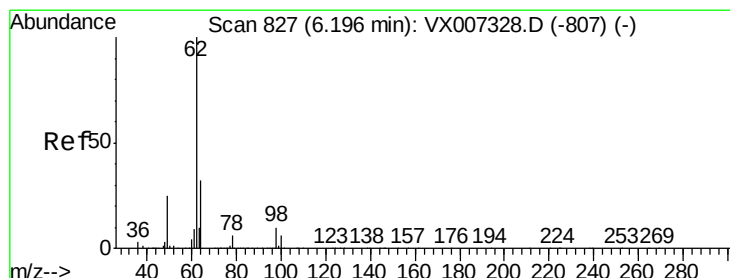
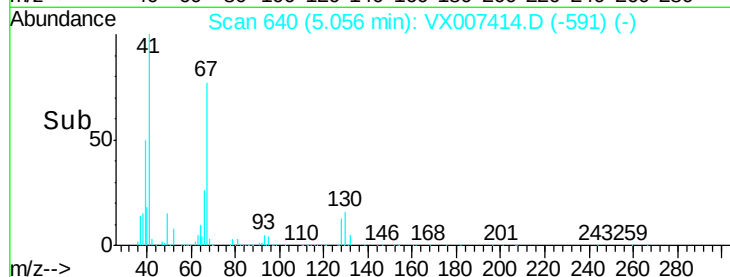
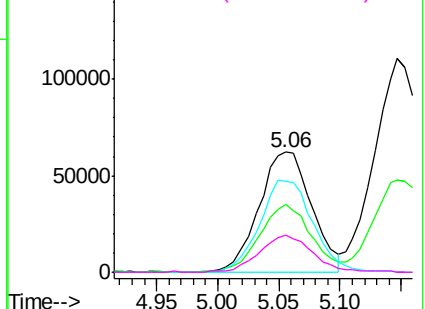


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.367 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007414.D

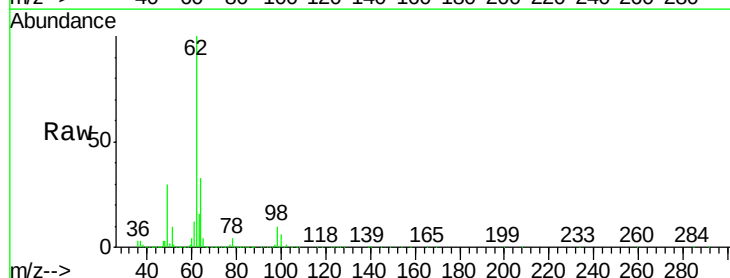
Acq: 07 Feb 2019 10:00

Tgt Ion: 62 Resp: 330077

Ion Ratio Lower Upper

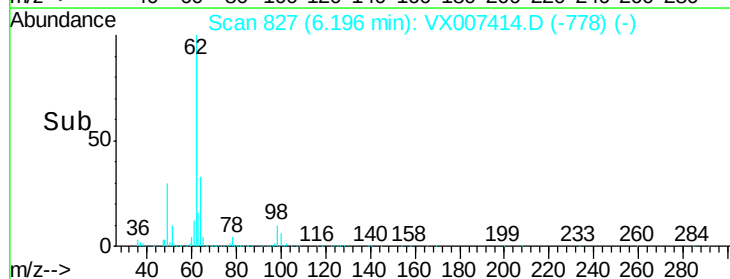
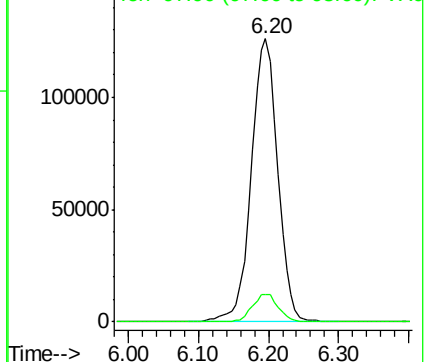
62 100

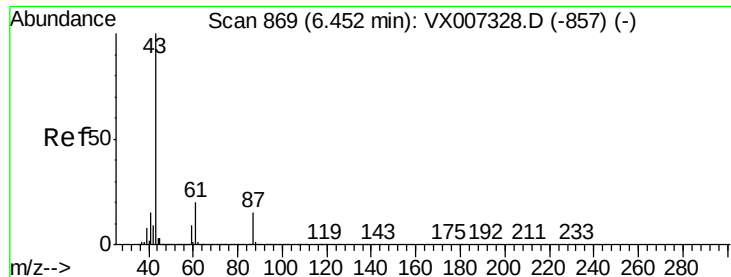
98 9.7 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



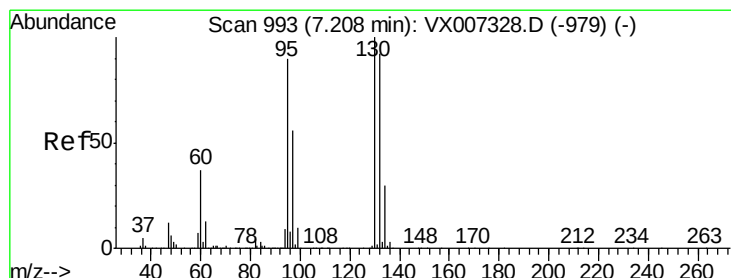
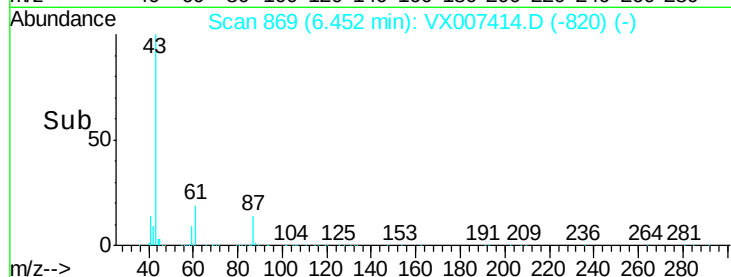
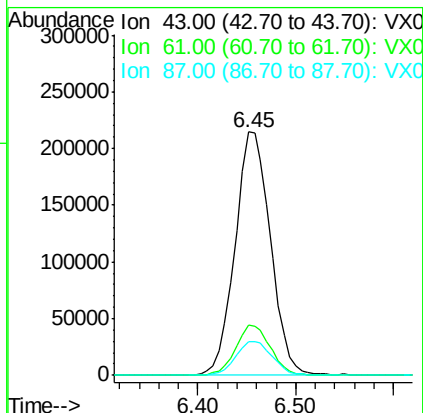
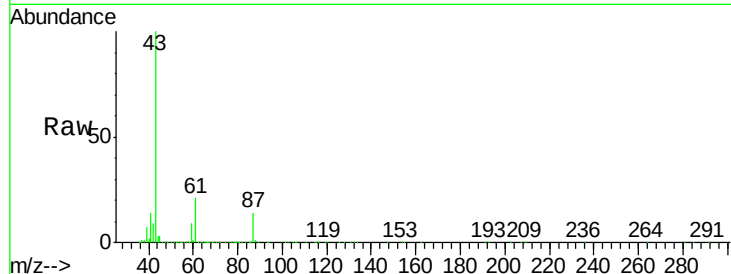


#43

Isopropyl Acetate
 Concen: 51.510 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: VX007414.D
 Acq: 07 Feb 2019 10:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

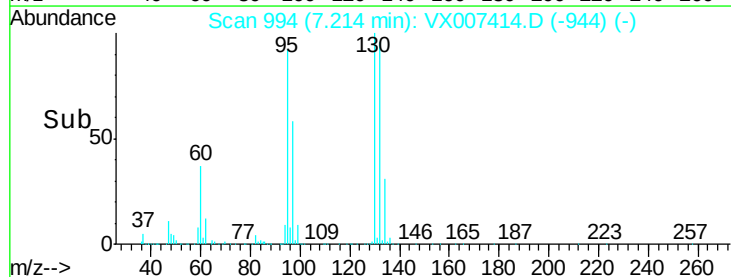
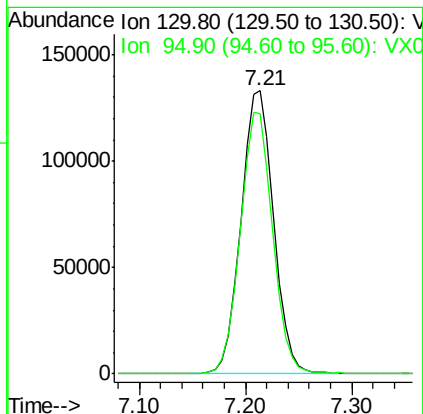
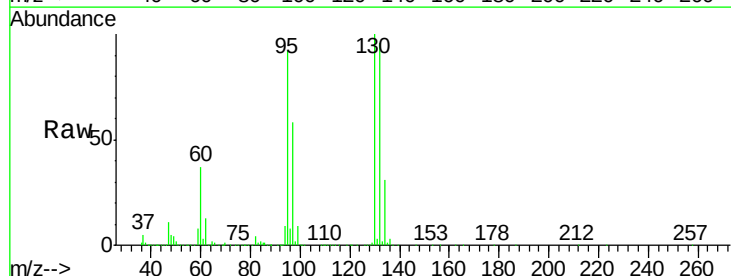
Tot Ion	43	Resp	538158
Ion Ratio	Lower	Upper	
43	100		
61	20.2	16.1	24.1
87	14.4	11.5	17.3

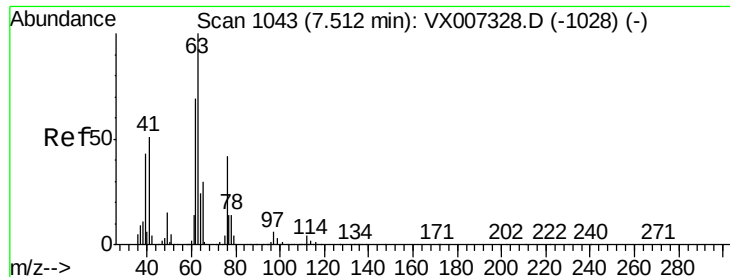


#44

Trichloroethene
 Concen: 48.267 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007414.D
 Acq: 07 Feb 2019 10:00

Tgt Ion	130	Resp	286729
Ion Ratio	Lower	Upper	
130	100		
95	92.0	0.0	180.0

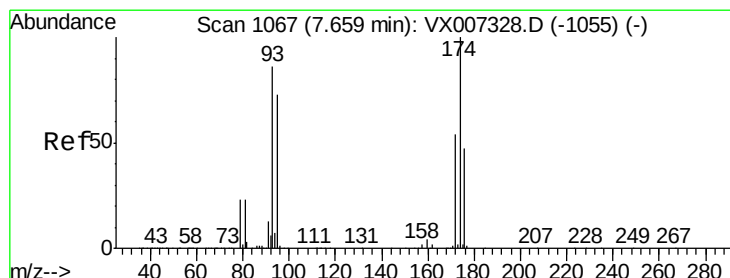
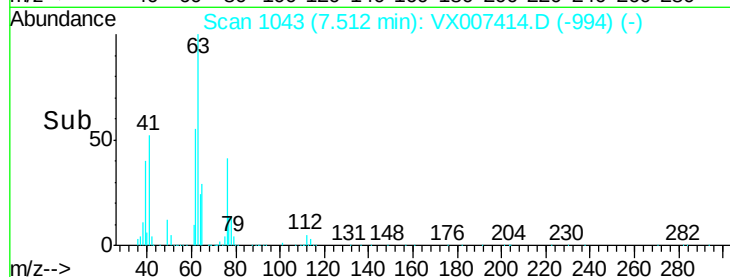
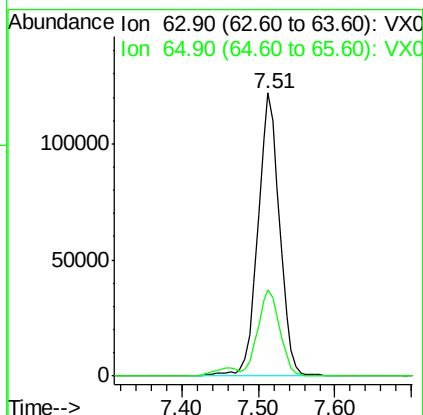
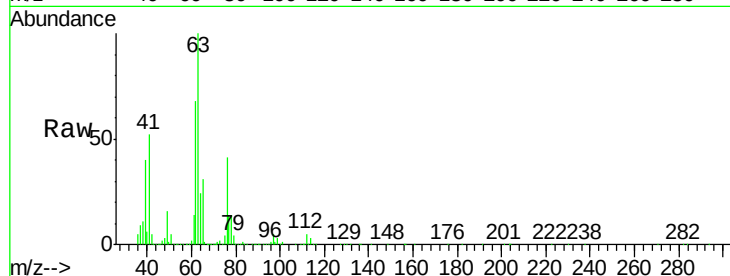




#45
 1,2-Dichloropropane
 Concen: 48.872 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX007414.D
 Acq: 07 Feb 2019 10:00

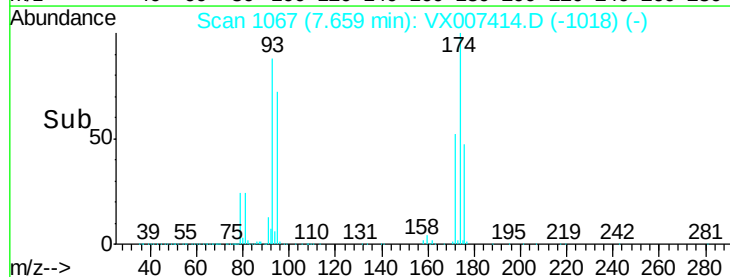
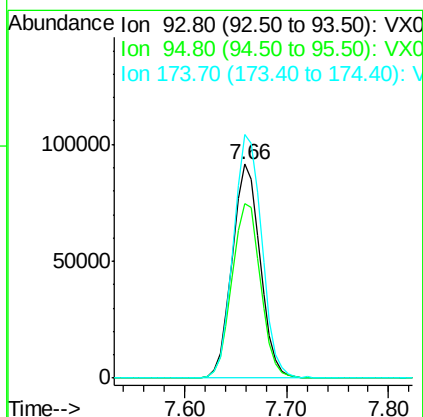
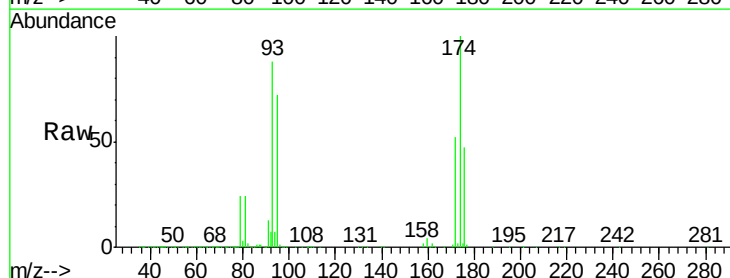
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

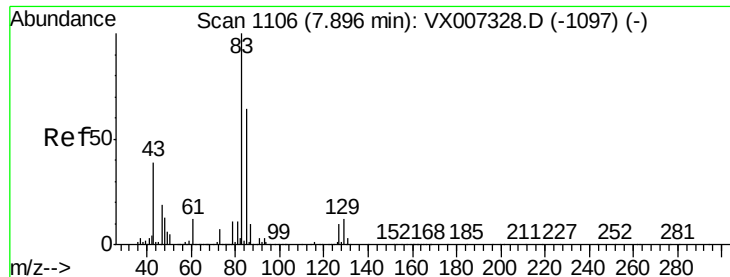
Tot Ion: 63 Resp: 241524
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.2 36.2



#46
 Dibromomethane
 Concen: 48.272 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007414.D
 Acq: 07 Feb 2019 10:00

Tgt Ion: 93 Resp: 173387
 Ion Ratio Lower Upper
 93 100
 95 83.9 67.6 101.4
 174 115.8 94.2 141.4





#47

Bromodichloromethane

Concen: 51.356 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

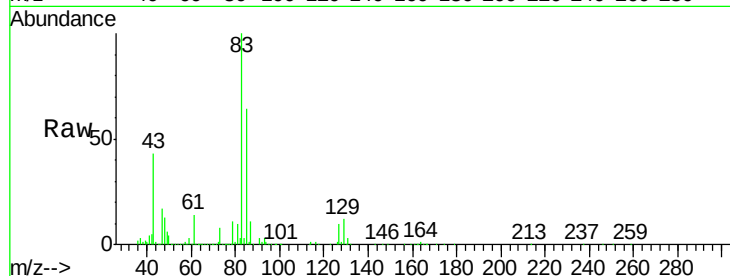
Tot Ion: 83 Resp: 312624

Ion Ratio Lower Upper

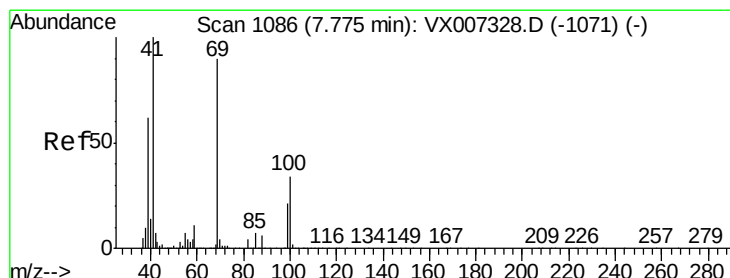
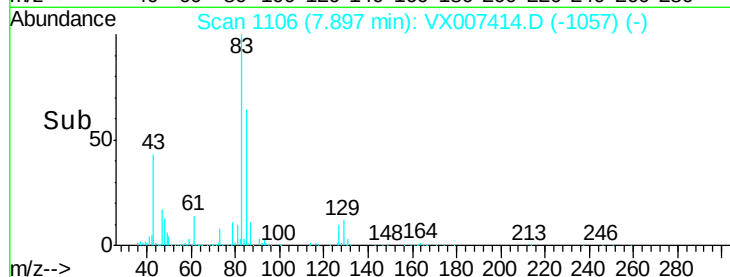
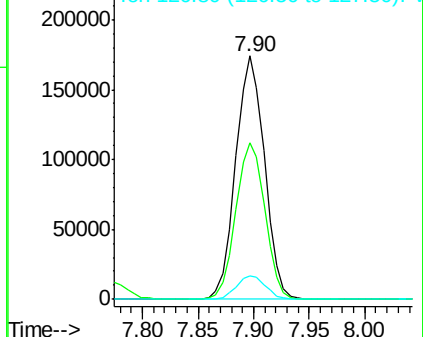
83 100

85 63.9 51.4 77.0

127 9.8 8.1 12.1



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



#48

Methyl methacrylate

Concen: 53.451 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

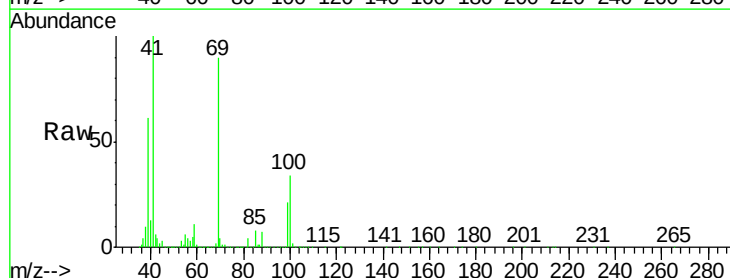
Tgt Ion: 41 Resp: 279330

Ion Ratio Lower Upper

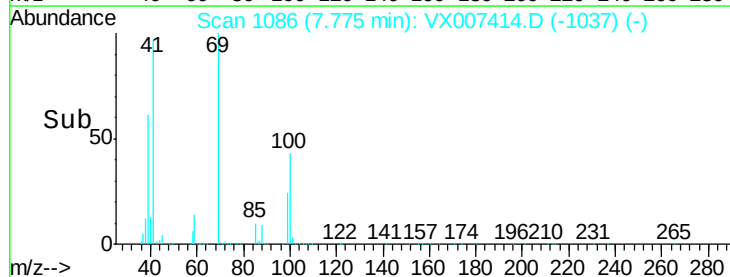
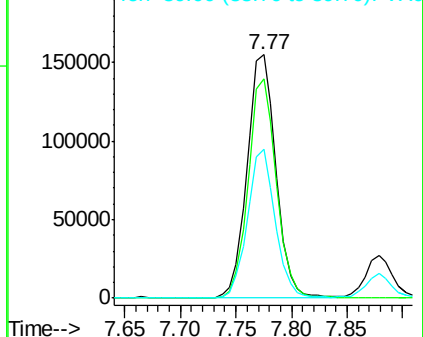
41 100

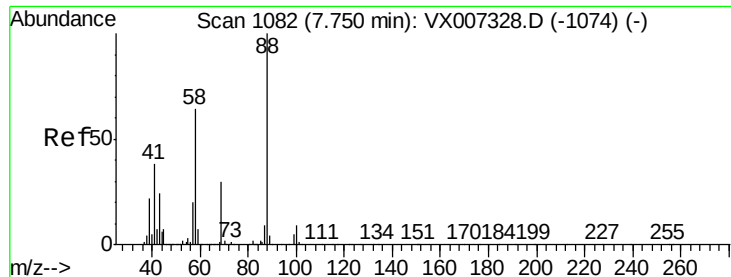
69 88.1 70.2 105.4

39 58.8 47.4 71.0



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





#49

1,4-Dioxane

Concen: 1054.596 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

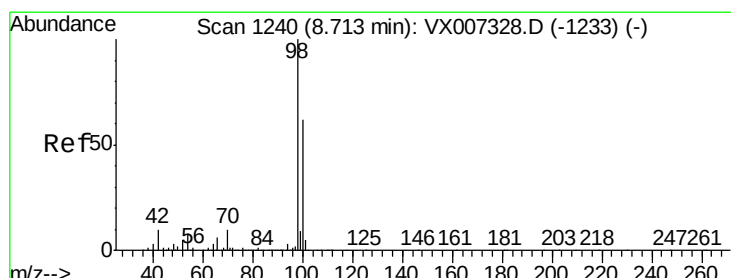
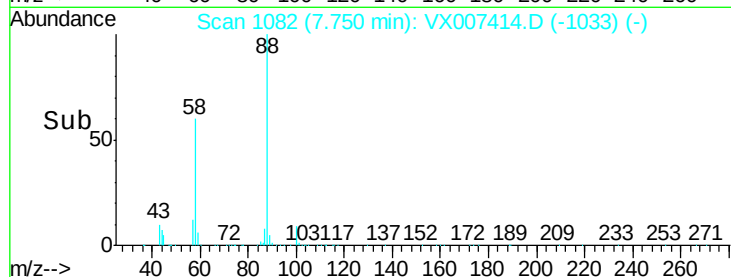
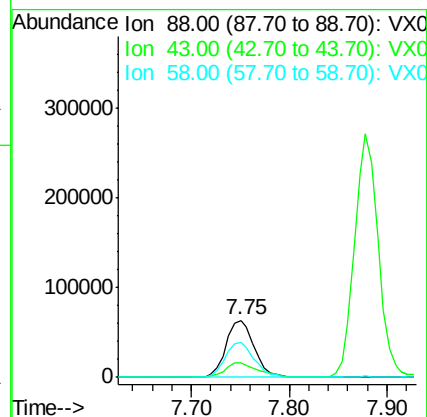
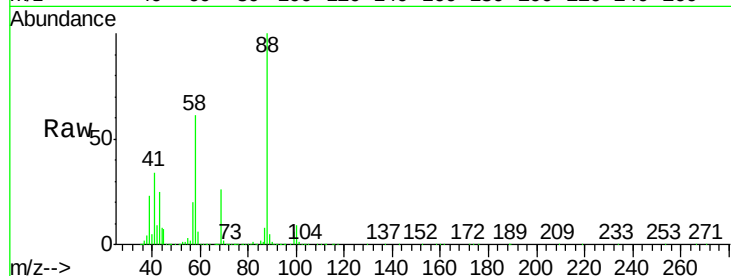
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 125380

Ion	Ratio	Lower	Upper
88	100		
43	28.6	24.2	36.4
58	64.2	53.0	79.4



#50

Toluene-d8

Concen: 50.541 ug/l

RT: 8.71 min Scan# 1240

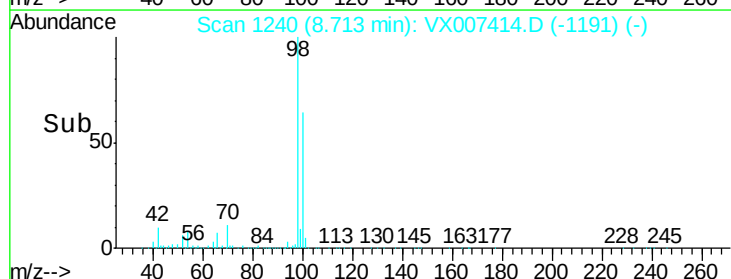
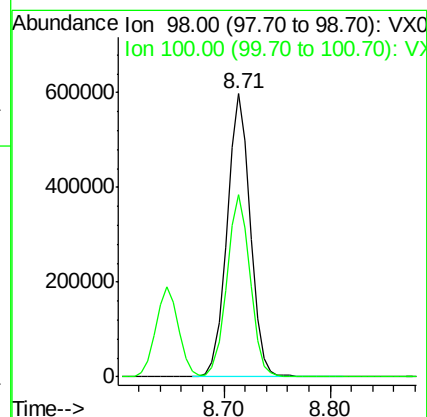
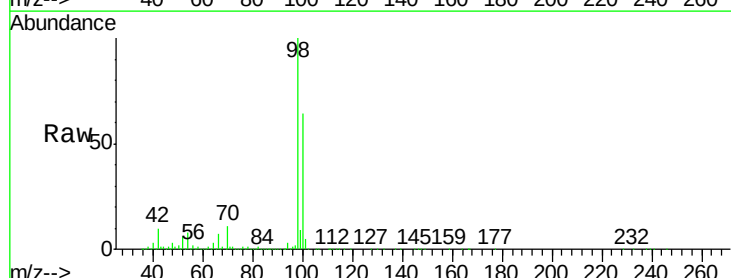
Delta R.T. 0.00 min

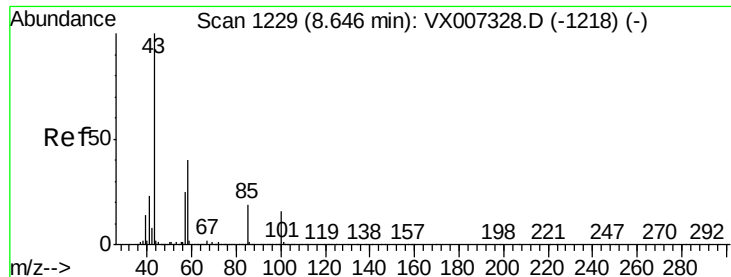
Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Tgt Ion: 98 Resp: 910534

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 260.294 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

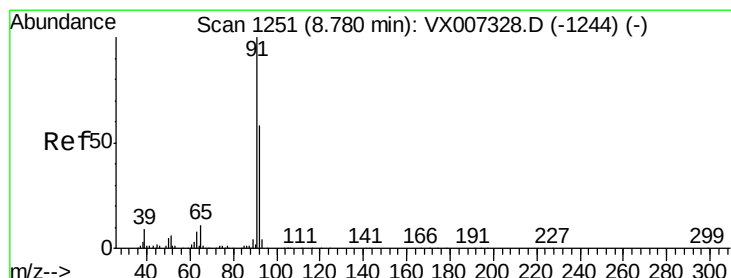
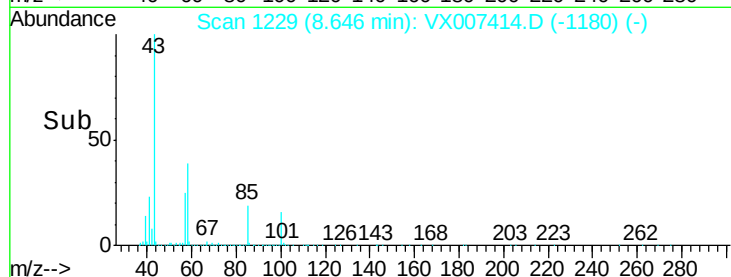
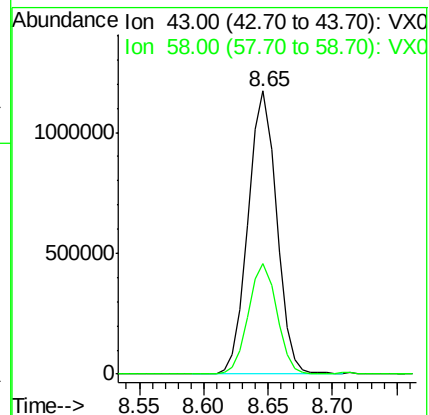
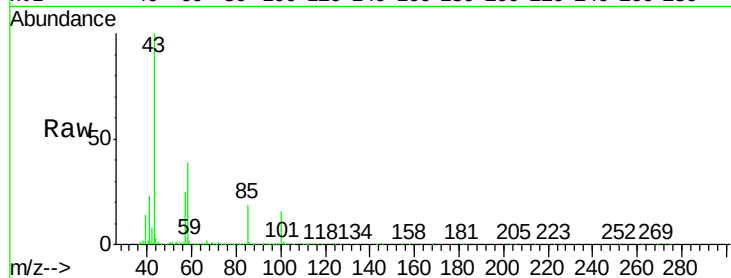
VSTDCCC050

Tot Ion: 43 Resp: 1790241

Ion Ratio Lower Upper

43 100

58 39.2 31.2 46.8



#52

Toluene

Concen: 50.159 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX007414.D

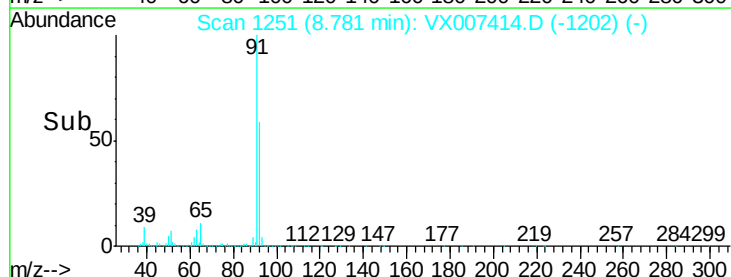
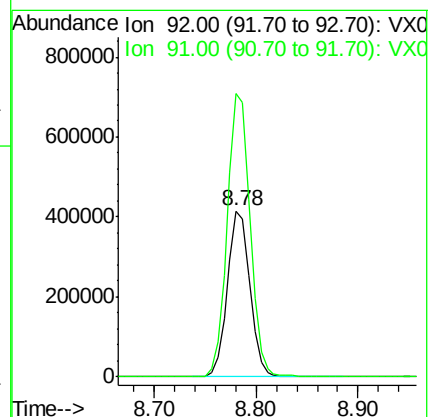
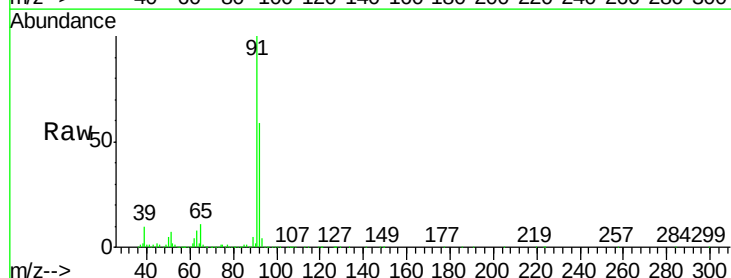
Acq: 07 Feb 2019 10:00

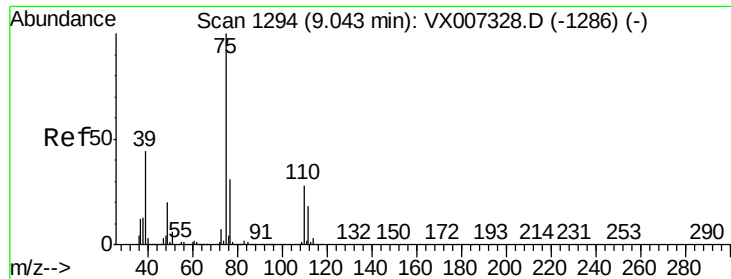
Tgt Ion: 92 Resp: 638319

Ion Ratio Lower Upper

92 100

91 173.2 139.1 208.7

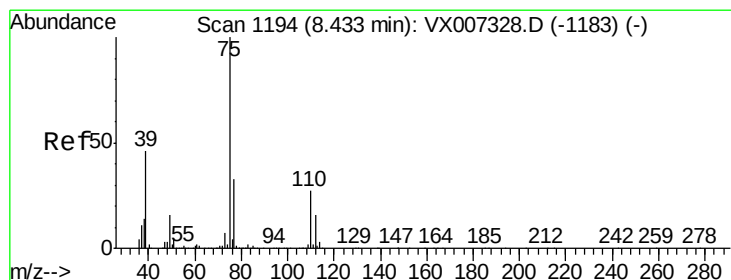
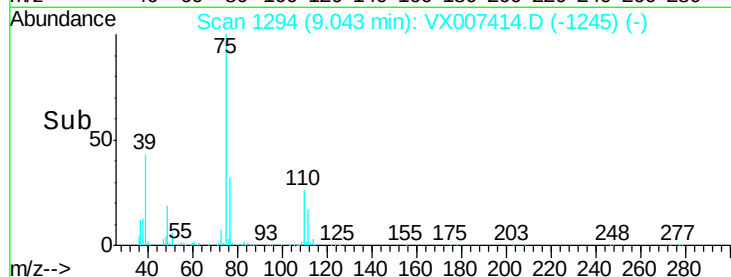
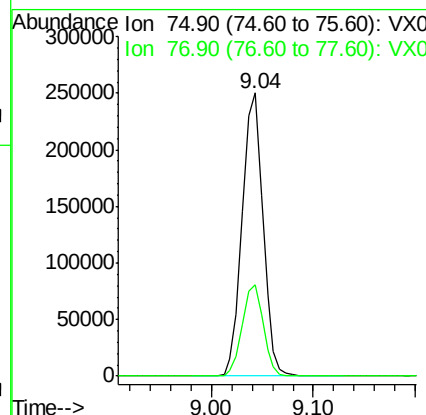
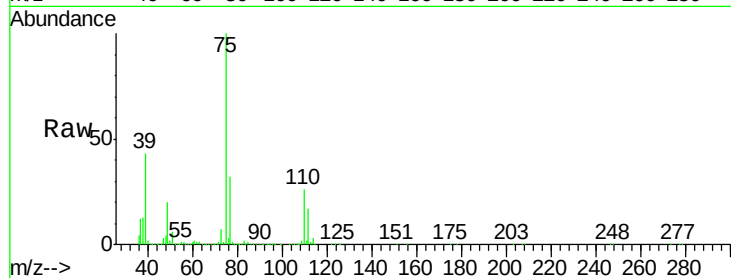




#53
t-1,3-Dichloropropene
Concen: 53.925 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

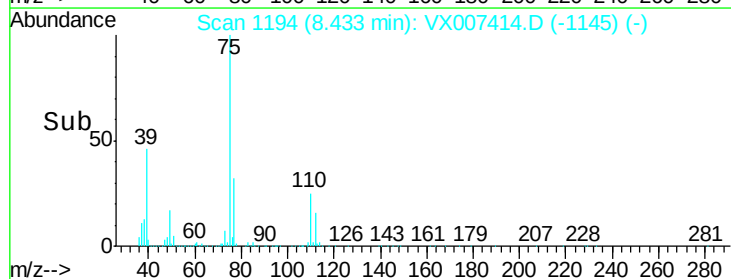
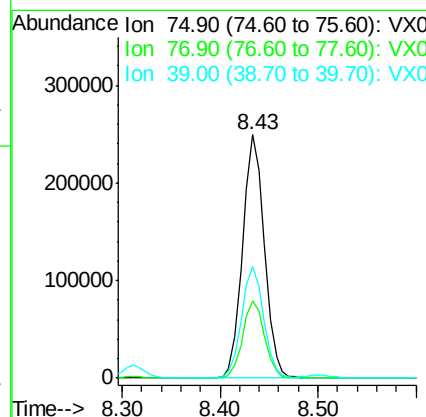
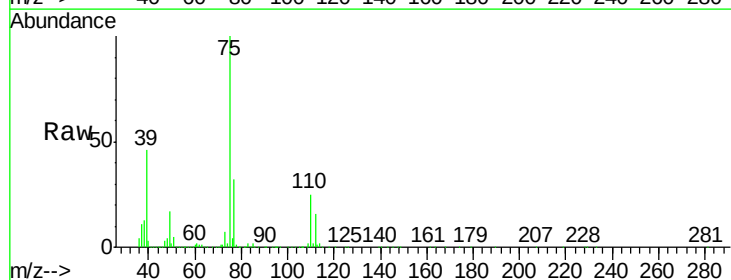
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

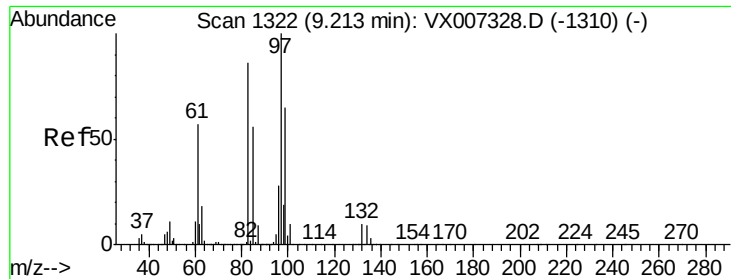
Tot Ion: 75 Resp: 352598
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 53.605 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

Tgt Ion: 75 Resp: 385456
Ion Ratio Lower Upper
75 100
77 31.7 26.2 39.4
39 46.1 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 48.903 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 259417

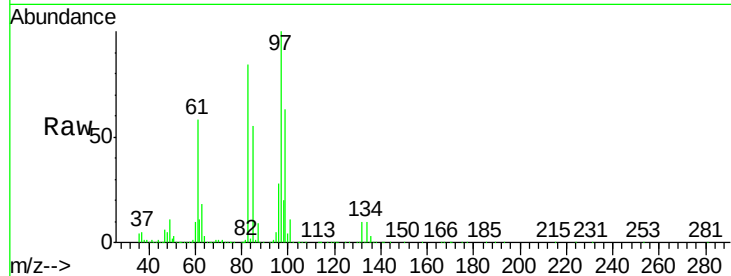
Ion Ratio Lower Upper

97 100

83 84.3 68.6 102.8

85 55.2 44.5 66.7

99 63.1 52.2 78.4

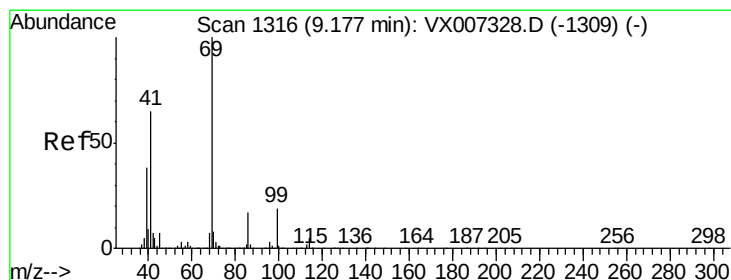
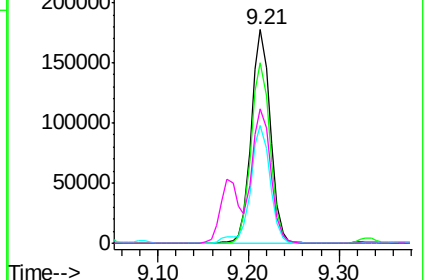
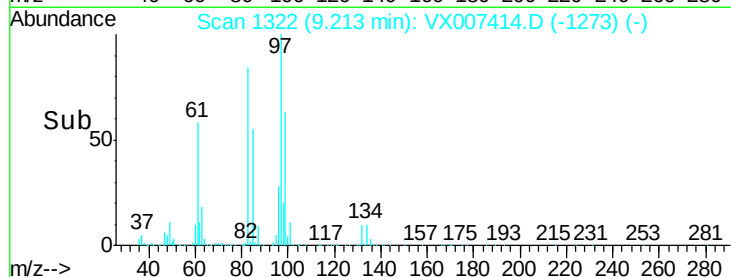


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.837 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

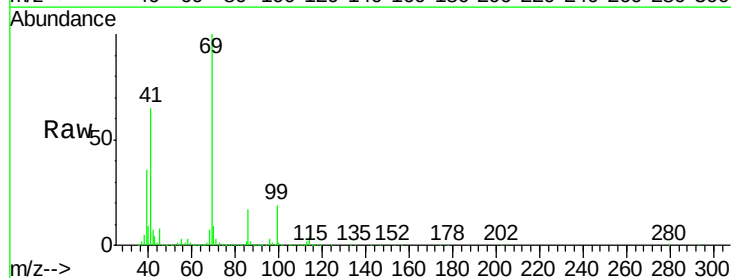
Tgt Ion: 69 Resp: 380846

Ion Ratio Lower Upper

69 100

41 63.9 52.1 78.1

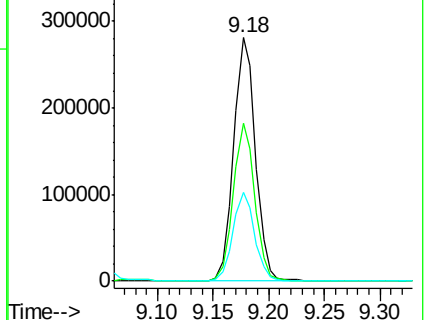
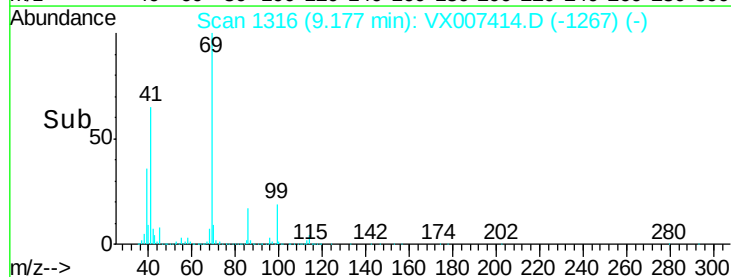
39 36.0 30.1 45.1

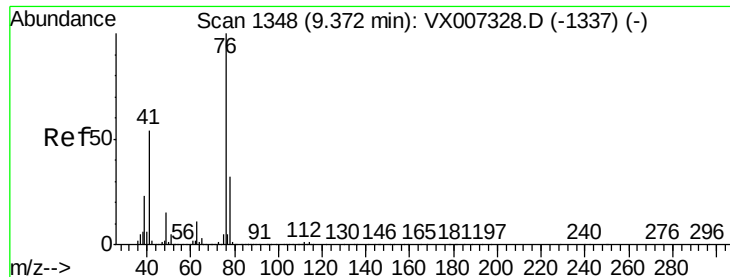


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 49.690 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

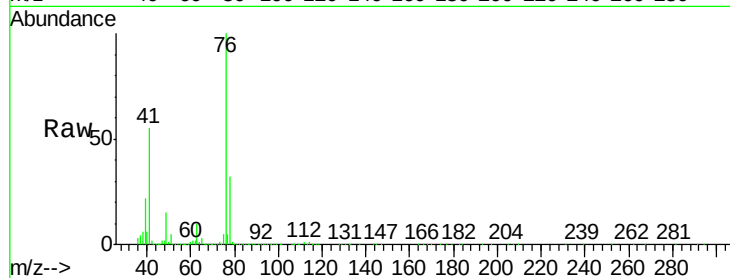
VSTDCCC050

Tot Ion: 76 Resp: 419185

Ion Ratio Lower Upper

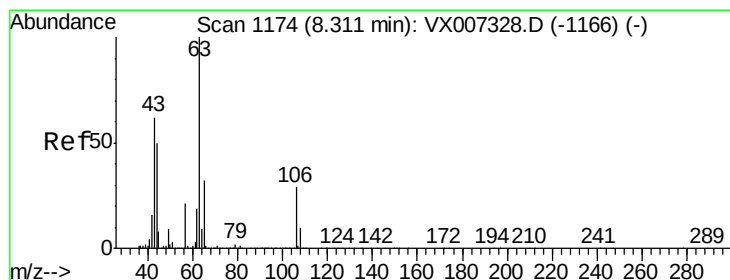
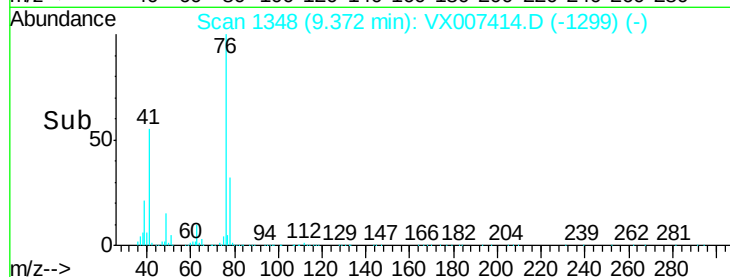
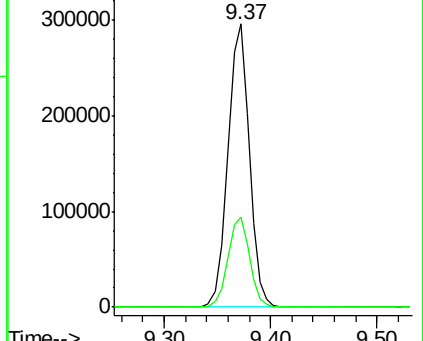
76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 264.904 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007414.D

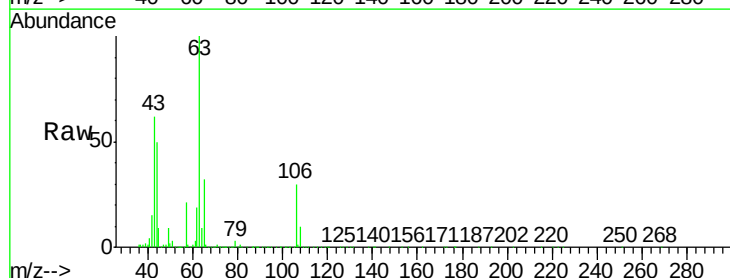
Acq: 07 Feb 2019 10:00

Tgt Ion: 63 Resp: 1025841

Ion Ratio Lower Upper

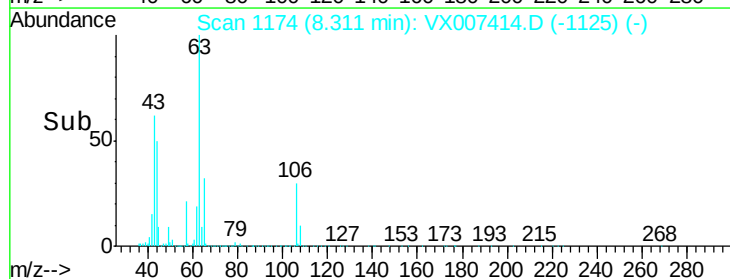
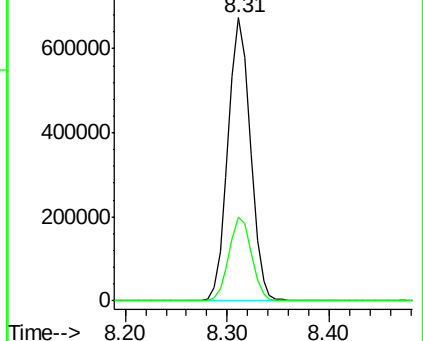
63 100

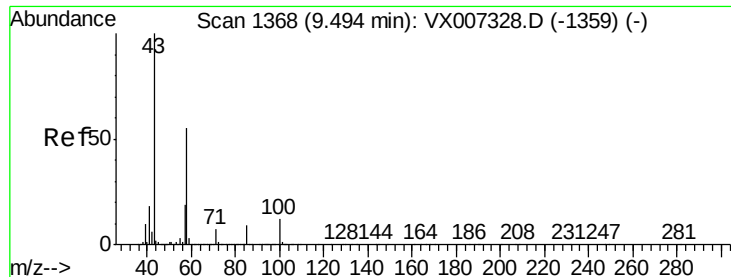
106 29.9 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

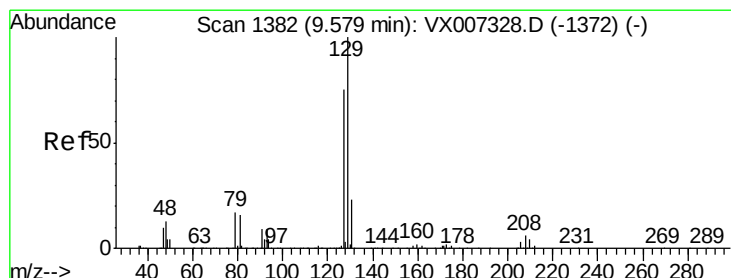
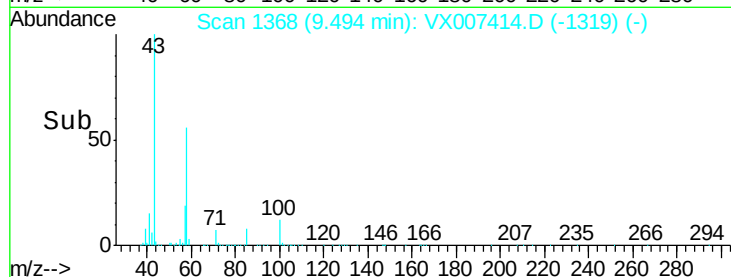
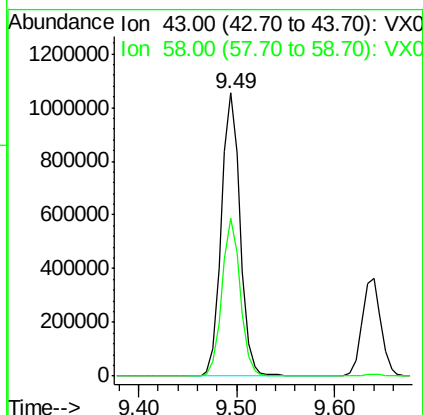
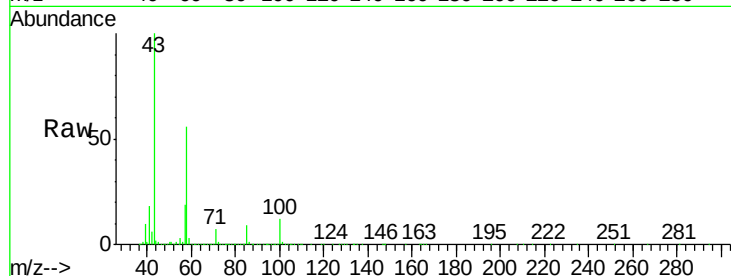




#59
2-Hexanone
Concen: 262.459 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

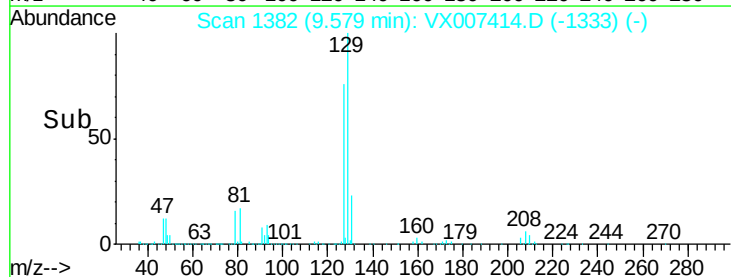
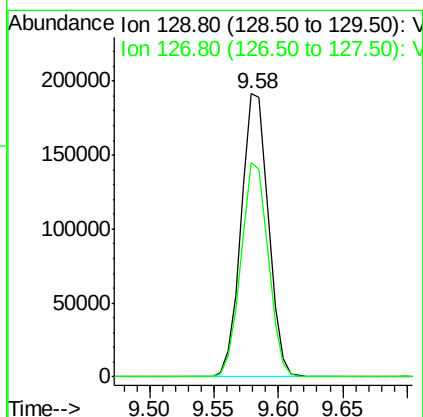
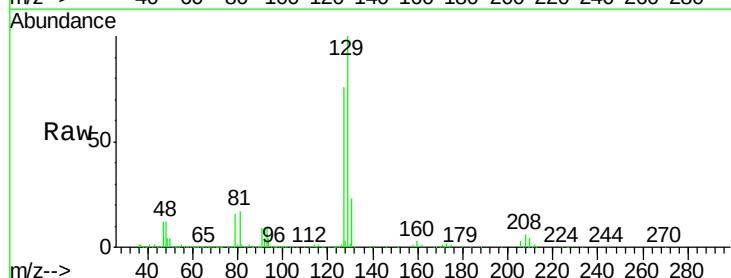
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

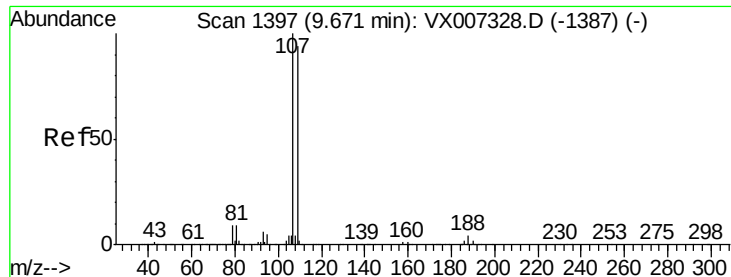
Tot Ion: 43 Resp: 1404692
Ion Ratio Lower Upper
43 100
58 54.4 27.1 81.3



#60
Dibromochloromethane
Concen: 55.687 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

Tgt Ion: 129 Resp: 279382
Ion Ratio Lower Upper
129 100
127 75.8 37.8 113.4





#61

1,2-Dibromoethane

Concen: 50.751 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

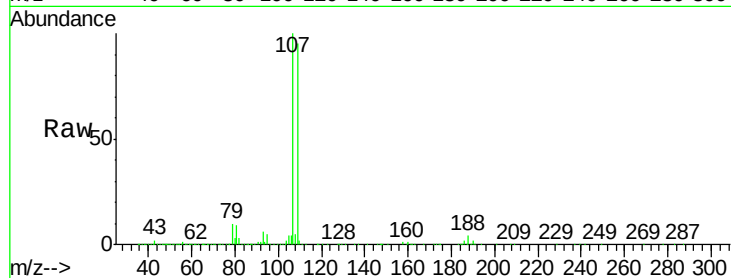
VSTDCCC050

Tot Ion:107 Resp: 285105

Ion Ratio Lower Upper

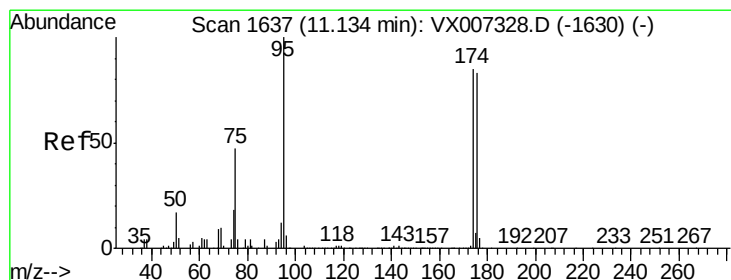
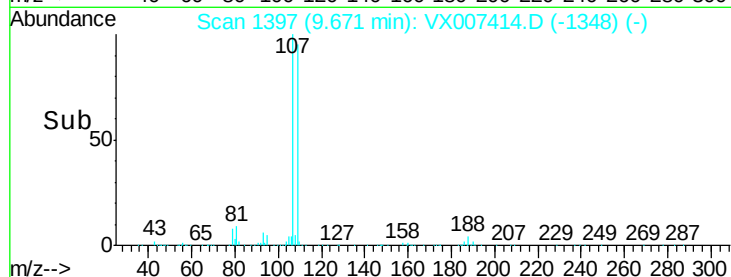
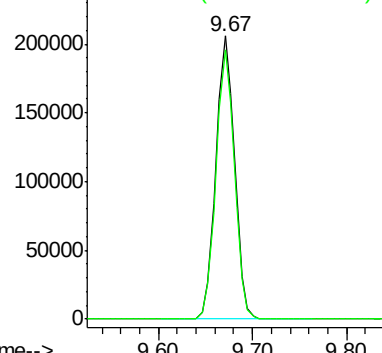
107 100

109 94.6 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.936 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

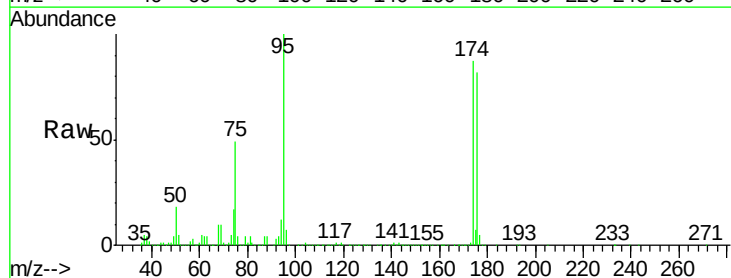
Tgt Ion: 95 Resp: 335035

Ion Ratio Lower Upper

95 100

174 94.0 0.0 189.2

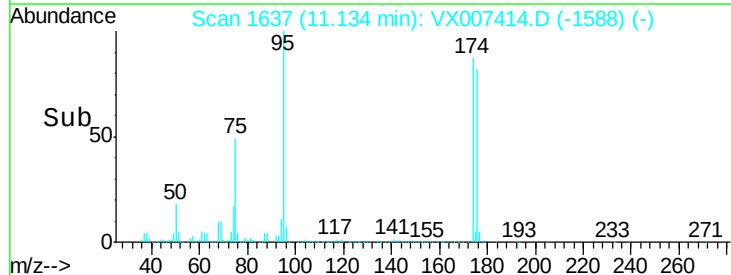
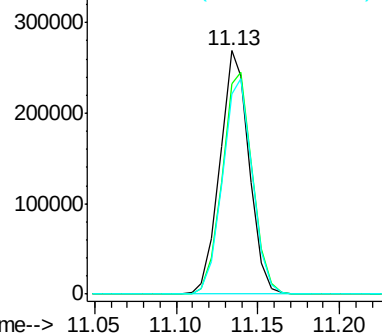
176 90.5 0.0 186.2

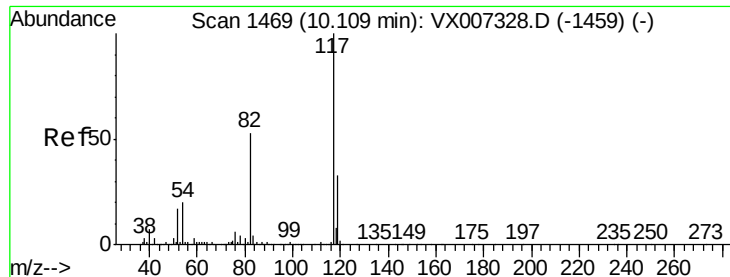


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

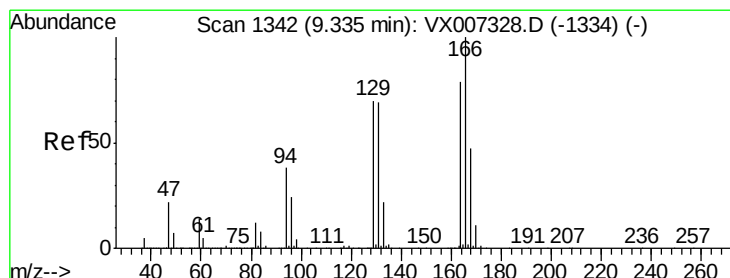
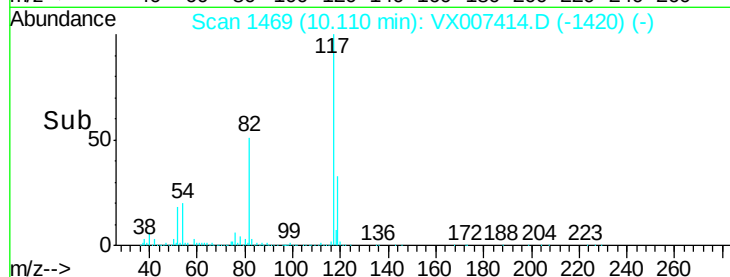
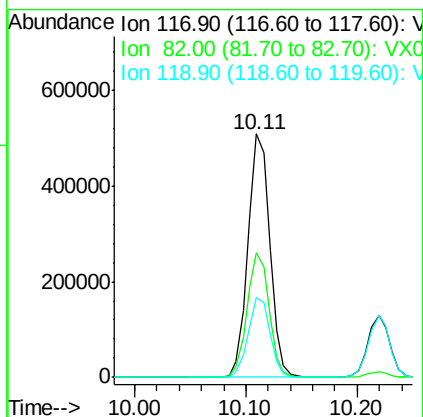
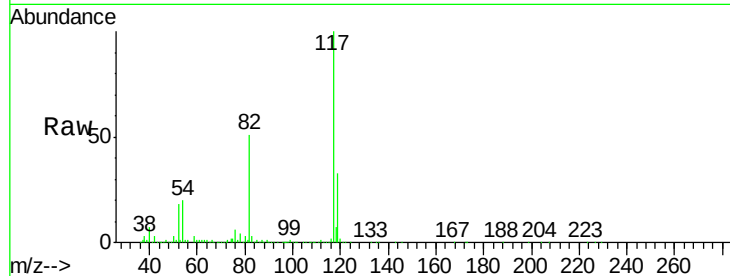




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

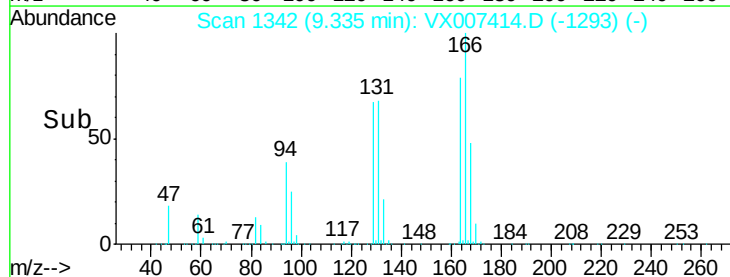
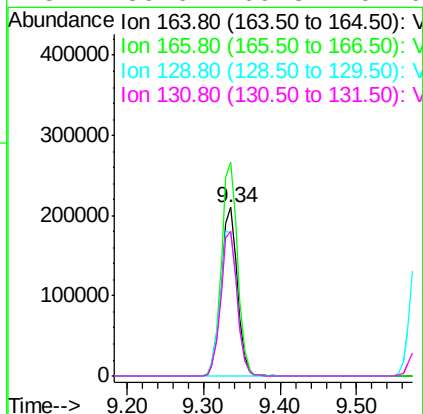
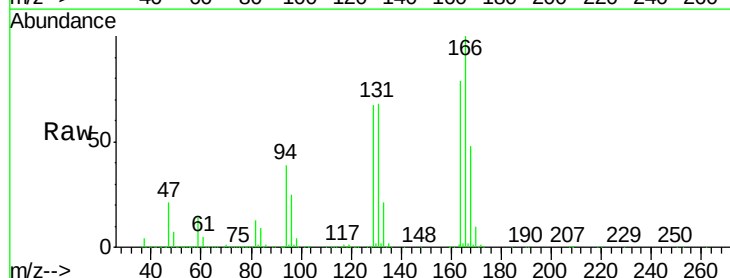
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

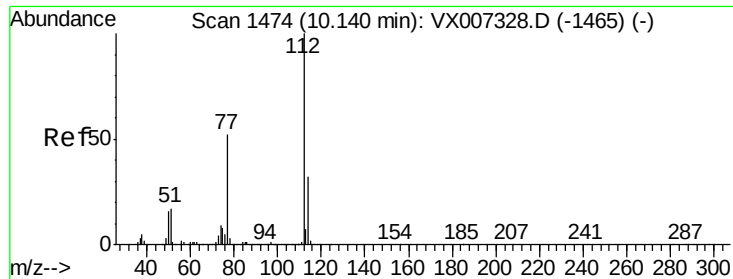
Tot Ion:117 Resp: 694865
Ion Ratio Lower Upper
117 100
82 51.4 42.1 63.1
119 32.6 26.5 39.7



#64
Tetrachloroethene
Concen: 46.382 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

Tgt Ion:164 Resp: 303772
Ion Ratio Lower Upper
164 100
166 126.7 101.0 151.4
129 84.7 70.5 105.7
131 85.6 69.8 104.6

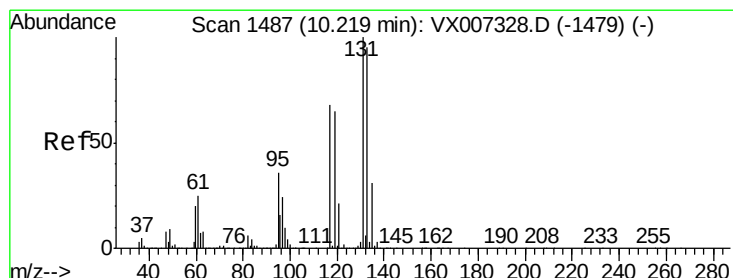
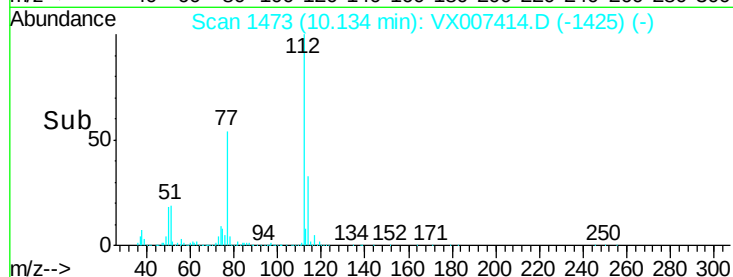
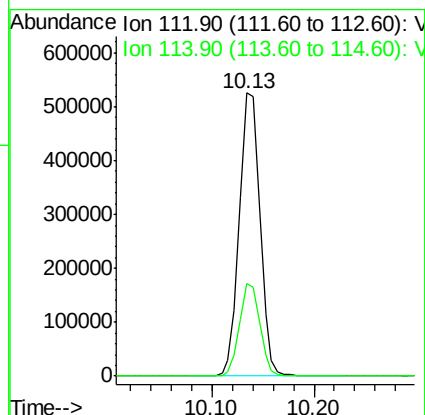
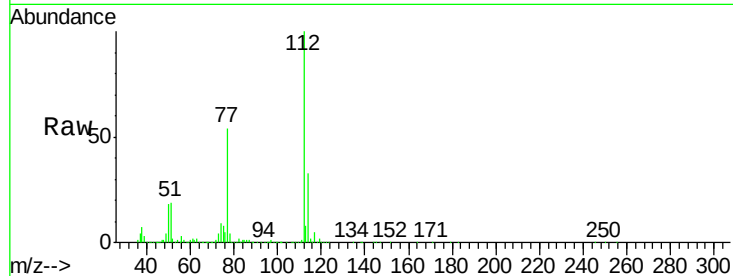




#65
Chlorobenzene
Concen: 48.526 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

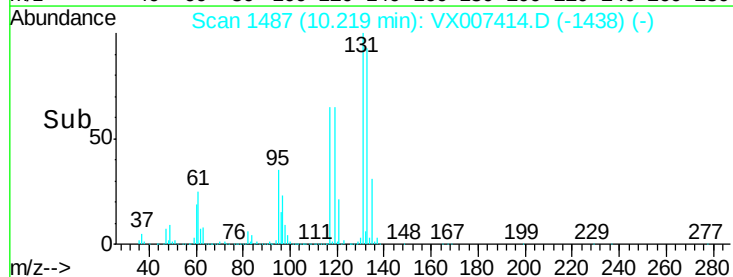
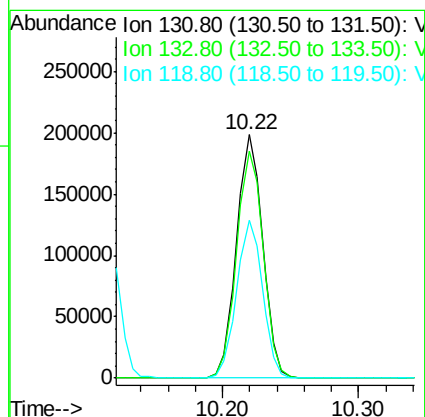
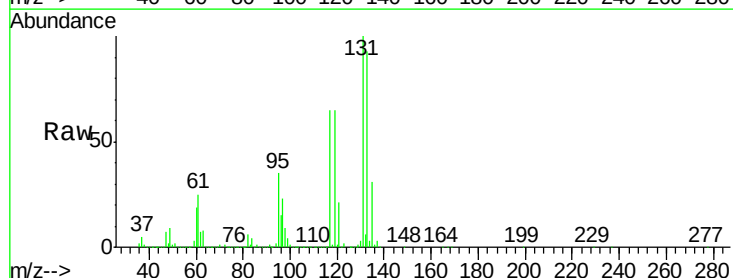
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

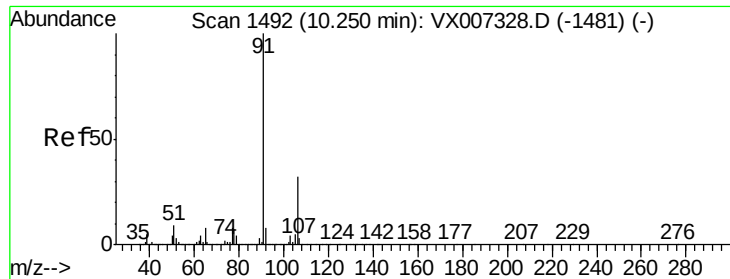
Tot Ion:112 Resp: 735809
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.261 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

Tgt Ion:131 Resp: 265687
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.2
119 64.4 32.0 96.0





#67

Ethyl Benzene

Concen: 50.569 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

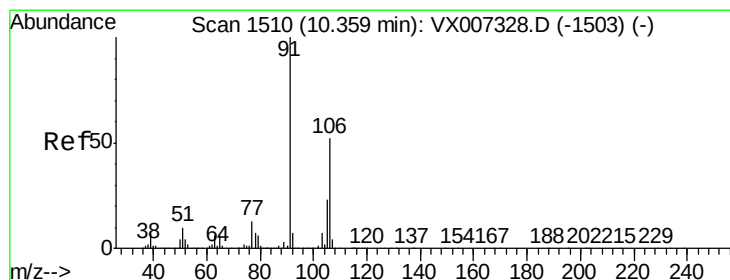
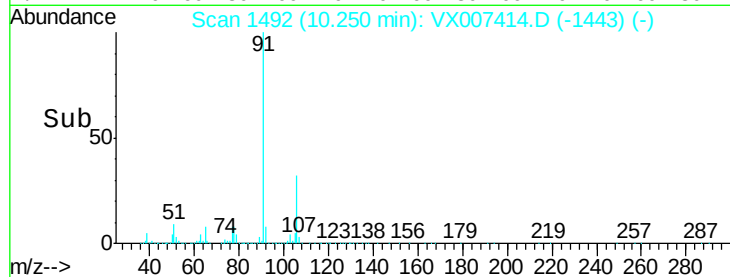
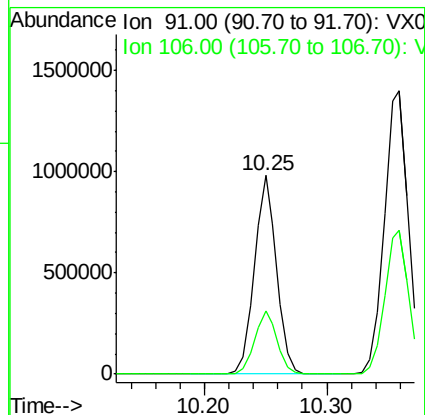
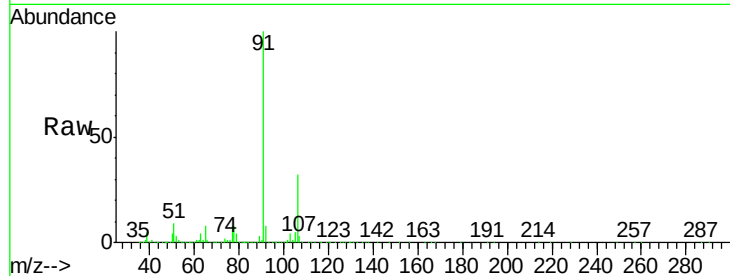
VSTDCCC050

Tot Ion: 91 Resp: 1234831

Ion Ratio Lower Upper

91 100

106 32.2 25.4 38.0



#68

m/p-Xylenes

Concen: 99.711 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007414.D

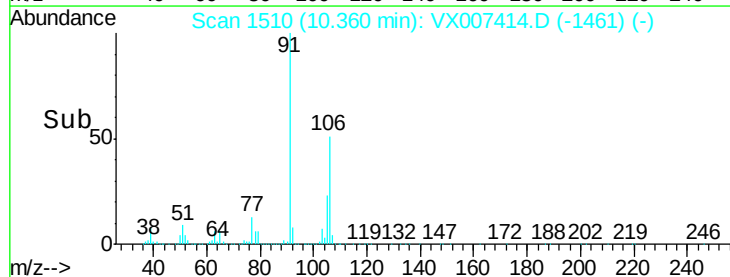
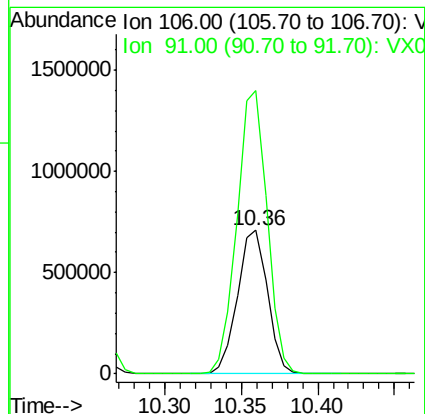
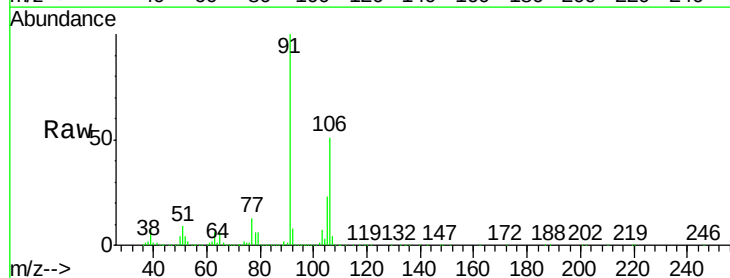
Acq: 07 Feb 2019 10:00

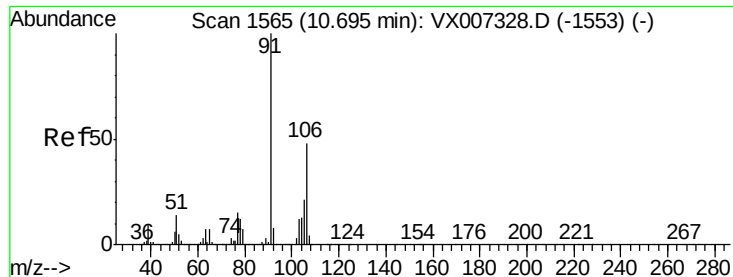
Tgt Ion: 106 Resp: 967872

Ion Ratio Lower Upper

106 100

91 198.3 156.6 234.8

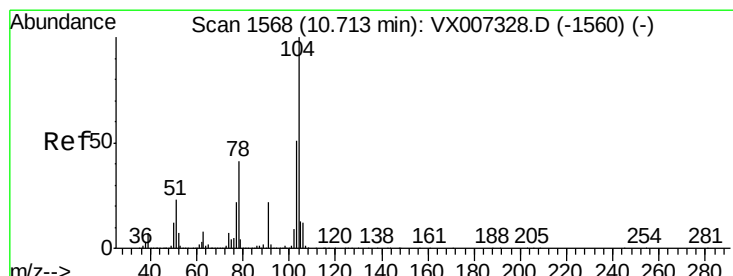
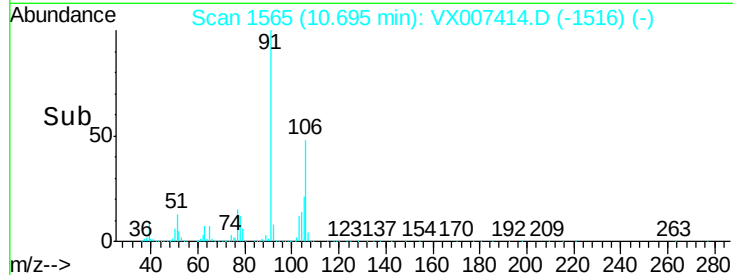
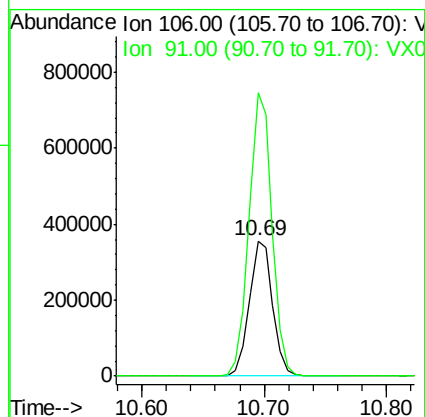
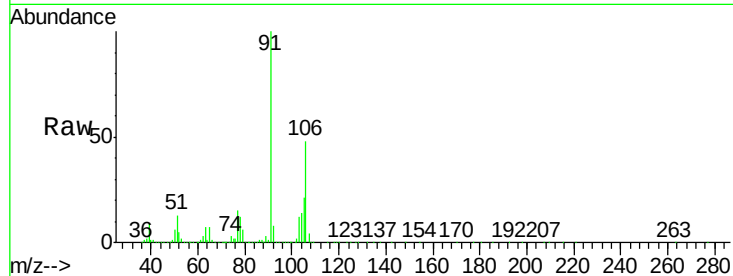




#69
o-Xylene
Concen: 50.378 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

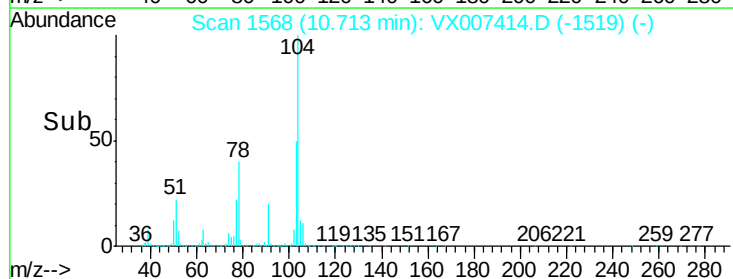
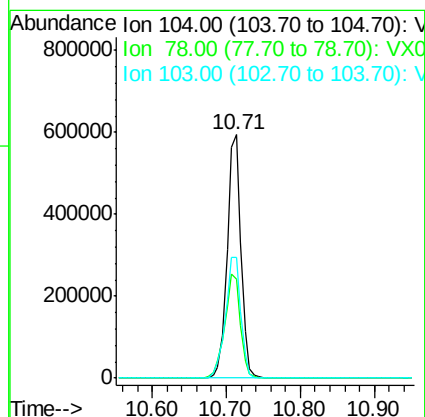
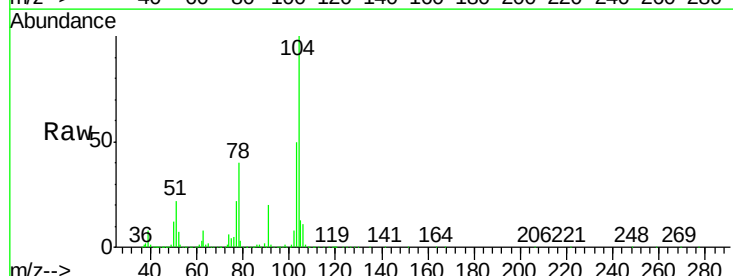
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

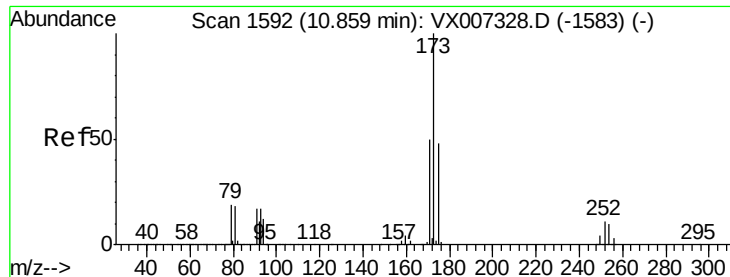
Tot Ion:106 Resp: 470544
Ion Ratio Lower Upper
106 100
91 206.9 102.9 308.7



#70
Styrene
Concen: 50.628 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

Tgt Ion:104 Resp: 766904
Ion Ratio Lower Upper
104 100
78 47.9 38.3 57.5
103 55.5 44.6 67.0





#71

Bromoform

Concen: 46.768 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

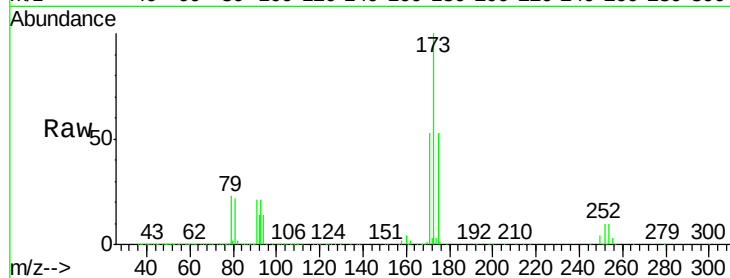
Tot Ion:173 Resp: 207269

Ion Ratio Lower Upper

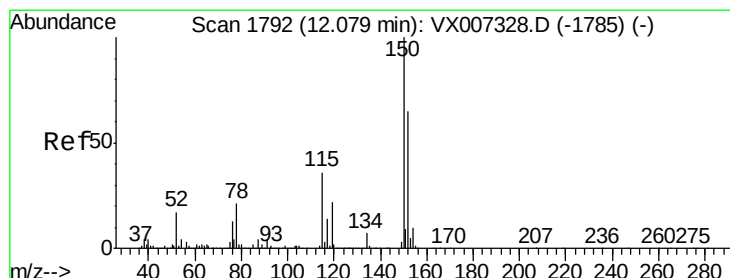
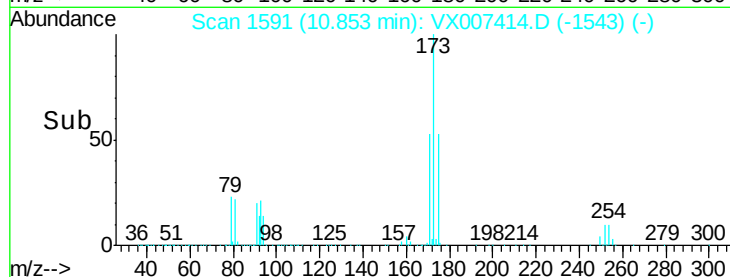
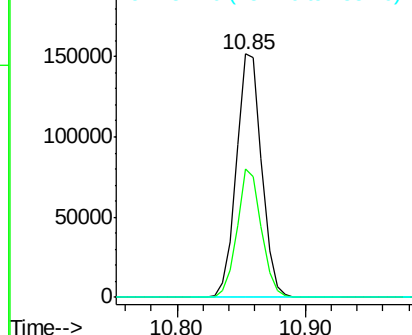
173 100

175 50.6 24.2 72.6

254 0.1 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

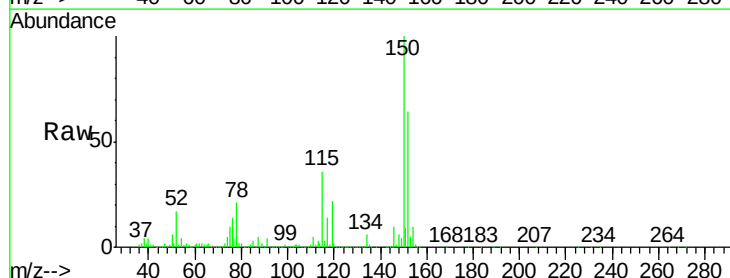
Tgt Ion:152 Resp: 371603

Ion Ratio Lower Upper

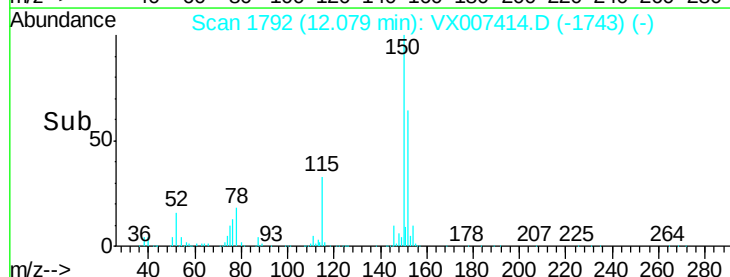
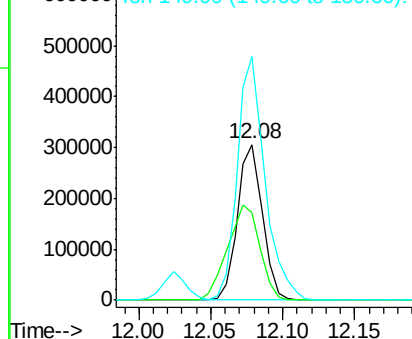
152 100

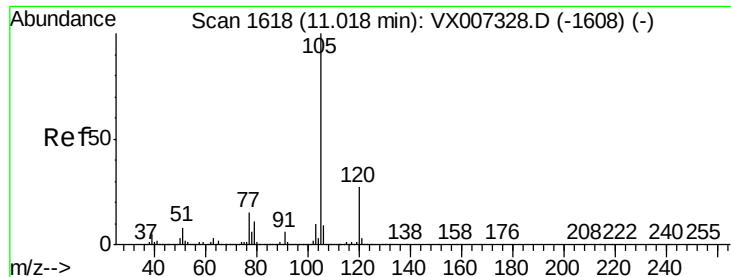
115 79.5 38.0 114.0

150 172.9 0.0 346.4



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: 50.308 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

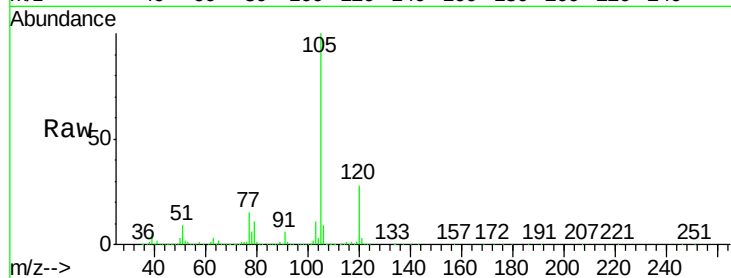
VSTDCCC050

Tot Ion:105 Resp: 1270400

Ion Ratio Lower Upper

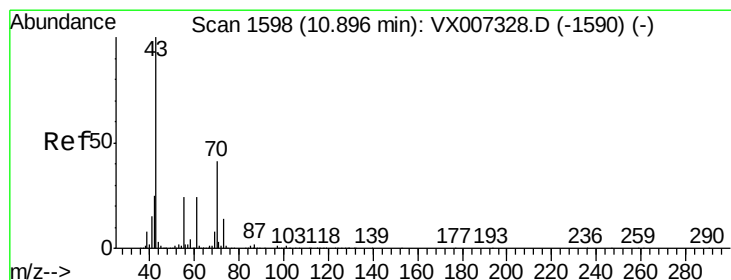
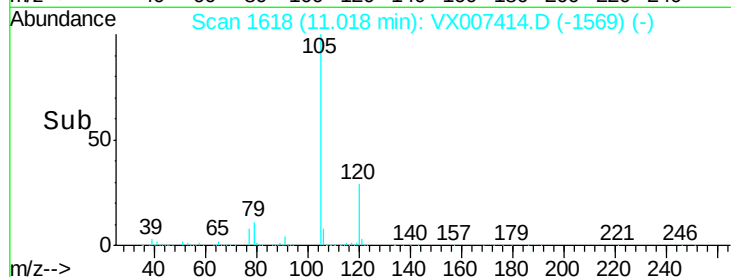
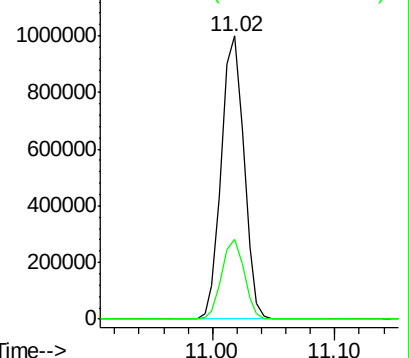
105 100

120 28.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.601 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Tgt Ion: 43 Resp: 484467

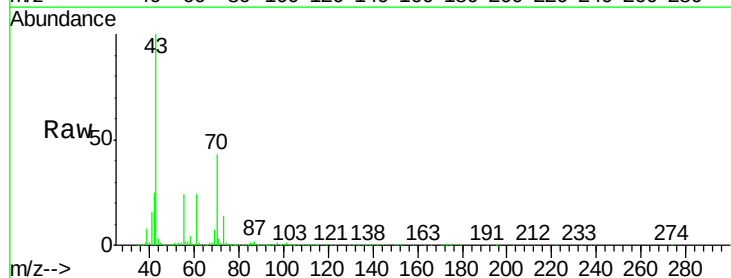
Ion Ratio Lower Upper

43 100

70 43.4 33.8 50.6

55 24.6 19.5 29.3

61 24.3 19.4 29.2

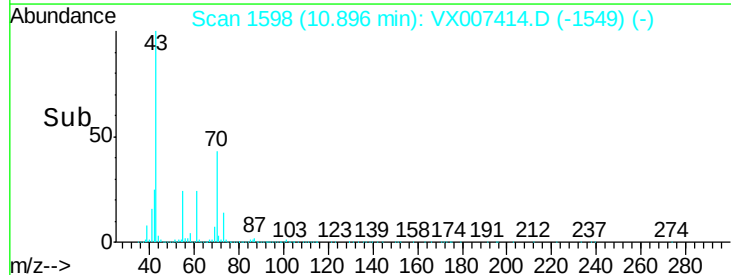
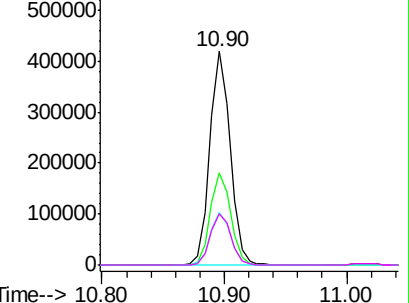


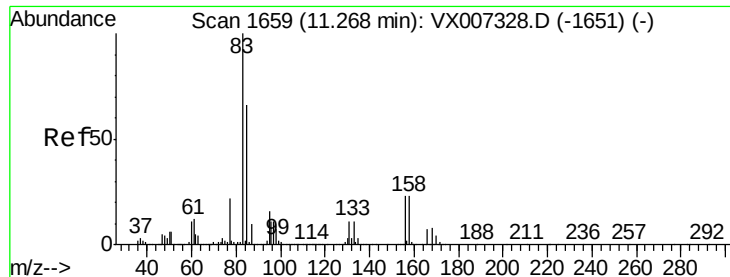
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.381 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

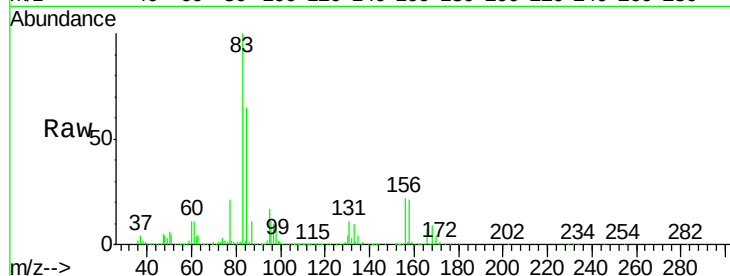
Tot Ion: 83 Resp: 380036

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

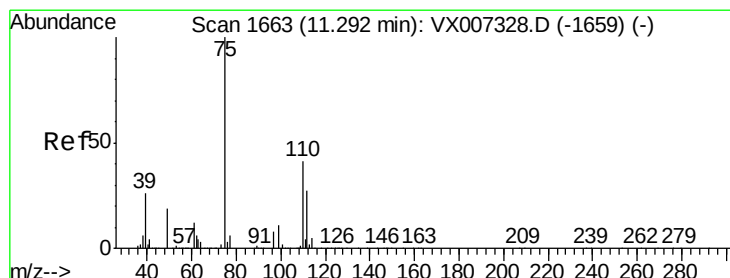
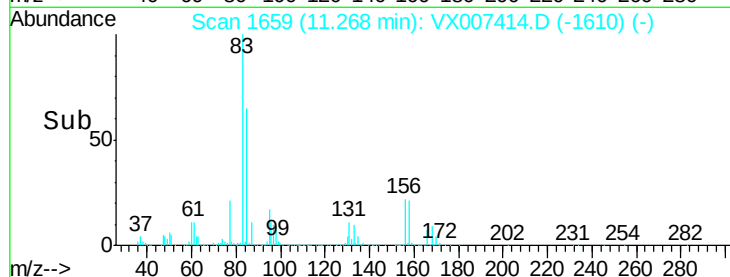
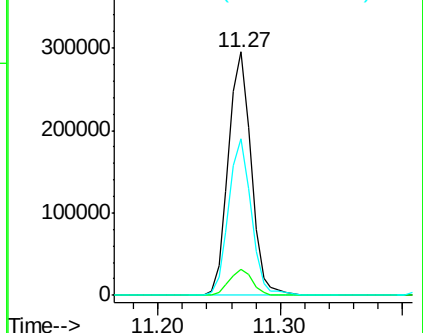
85 64.1 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.878 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX007414.D

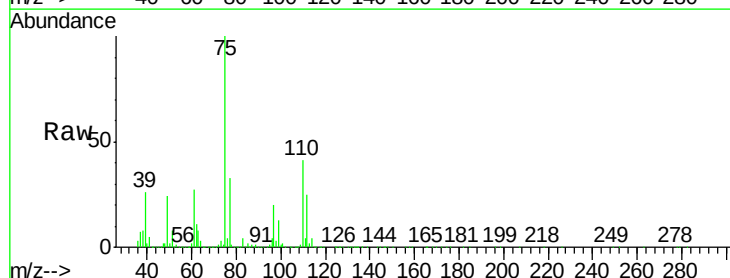
Acq: 07 Feb 2019 10:00

Tgt Ion: 75 Resp: 447266

Ion Ratio Lower Upper

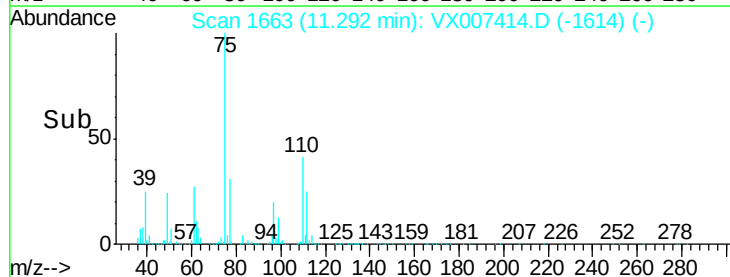
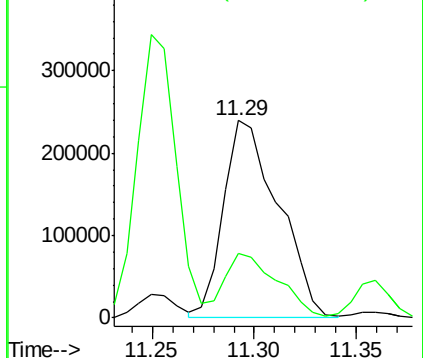
75 100

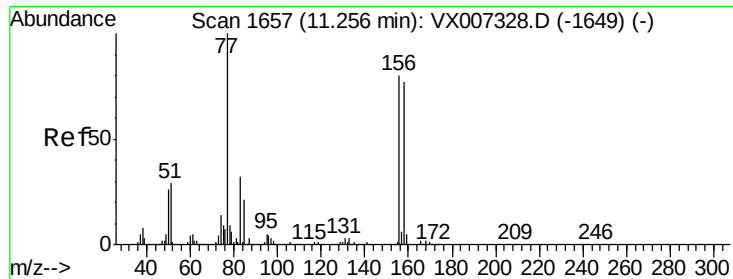
77 31.9 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.177 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

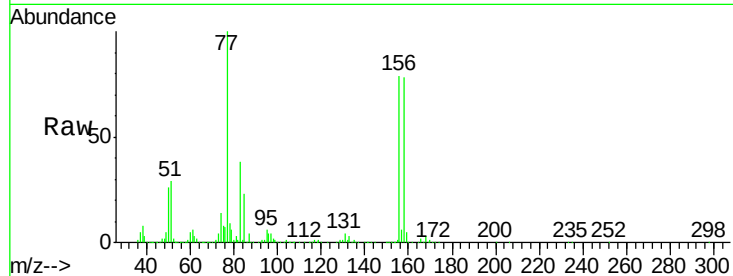
Tot Ion:156 Resp: 342780

Ion Ratio Lower Upper

156 100

77 132.7 66.8 200.6

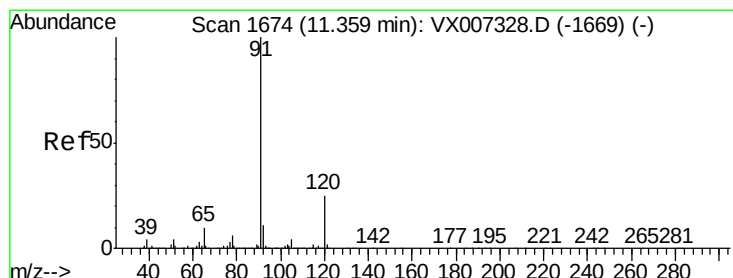
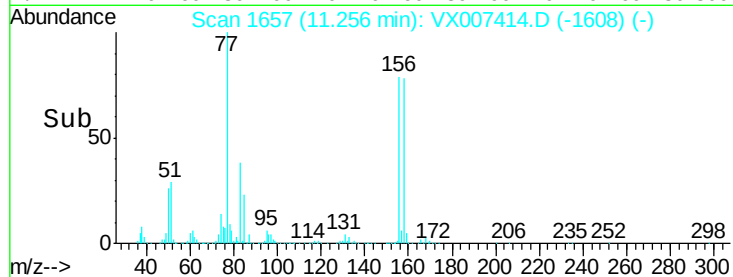
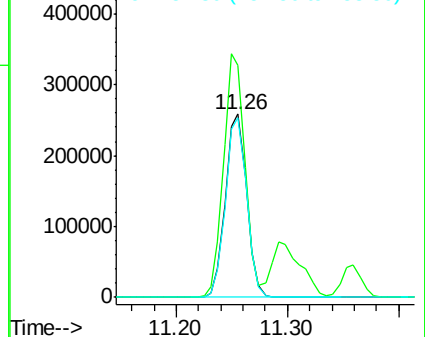
158 97.9 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.532 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007414.D

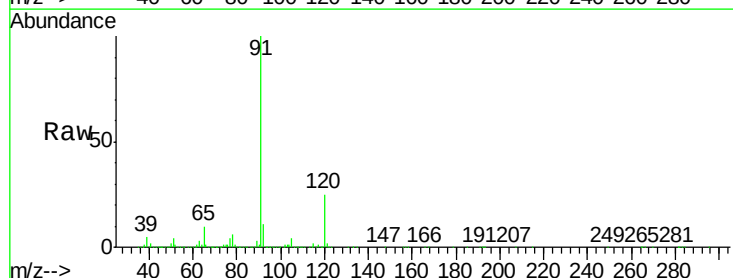
Acq: 07 Feb 2019 10:00

Tgt Ion: 91 Resp: 1454659

Ion Ratio Lower Upper

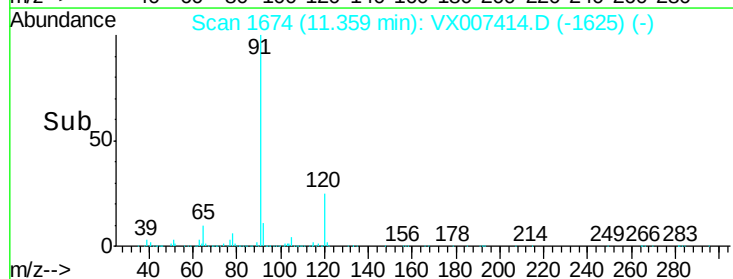
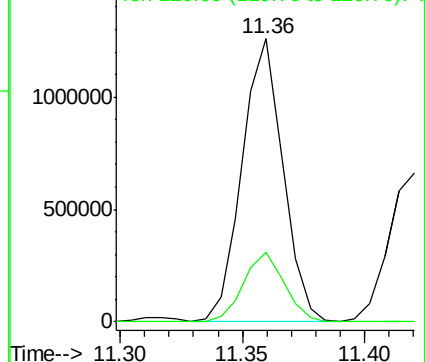
91 100

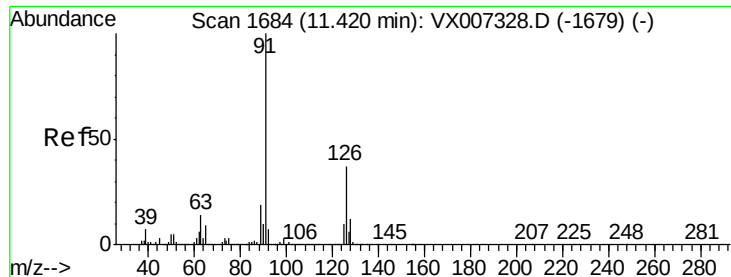
120 24.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.756 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

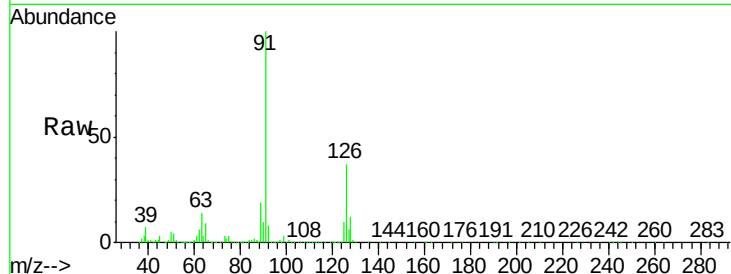
VSTDCCC050

Tot Ion: 91 Resp: 836011

Ion Ratio Lower Upper

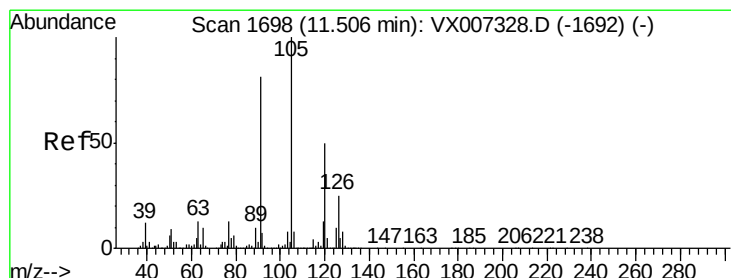
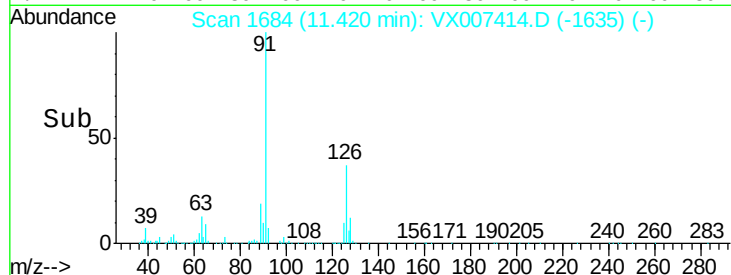
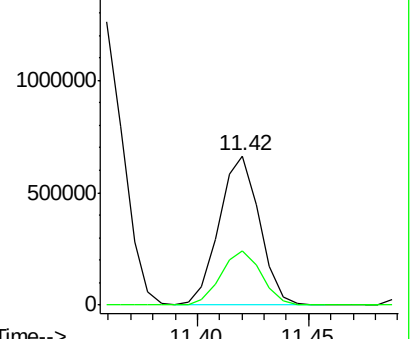
91 100

126 36.9 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007328.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.952 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007414.D

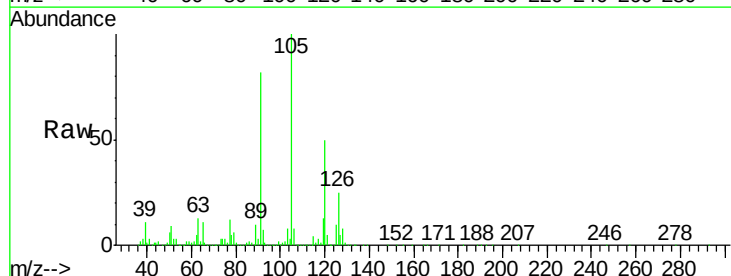
Acq: 07 Feb 2019 10:00

Tgt Ion:105 Resp: 1052649

Ion Ratio Lower Upper

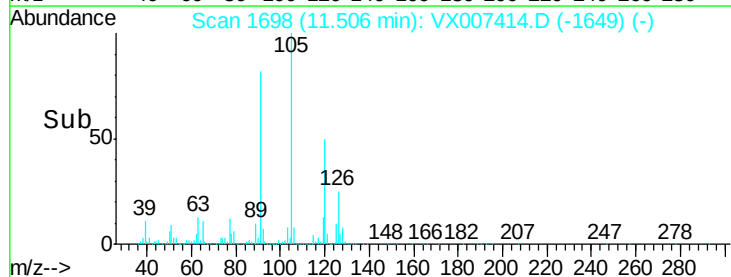
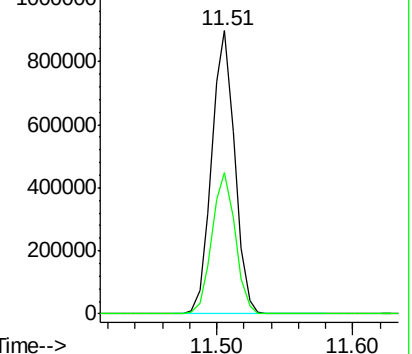
105 100

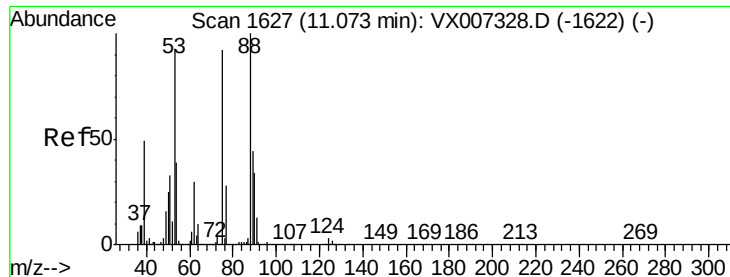
120 50.4 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007328.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007328.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.487 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

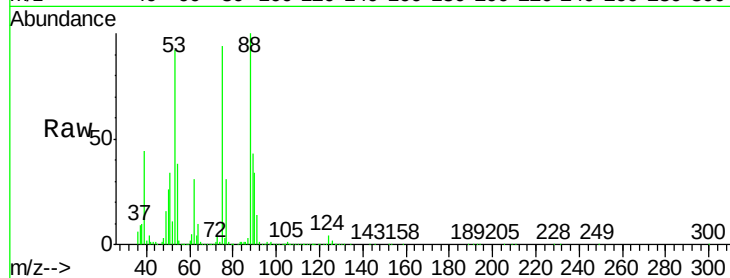
Tot Ion: 75 Resp: 115615

Ion Ratio Lower Upper

75 100

53 97.1 81.0 121.6

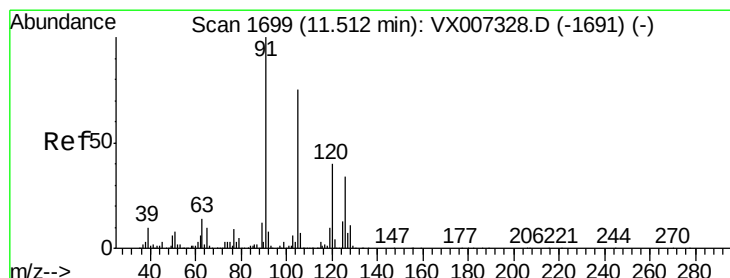
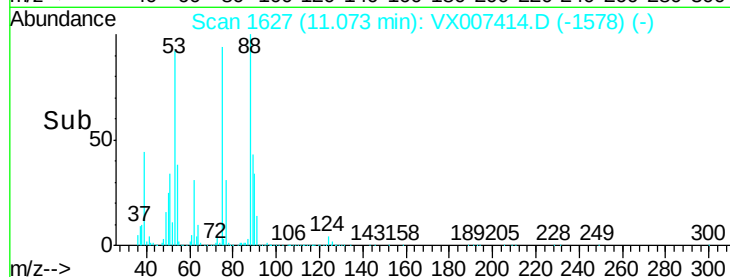
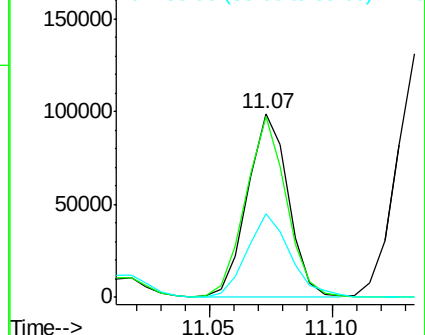
89 48.7 41.4 62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.200 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007414.D

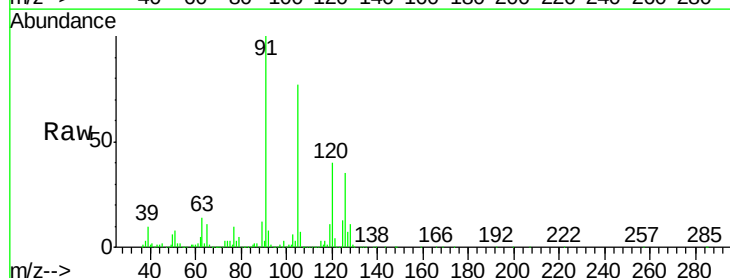
Acq: 07 Feb 2019 10:00

Tgt Ion: 91 Resp: 975992

Ion Ratio Lower Upper

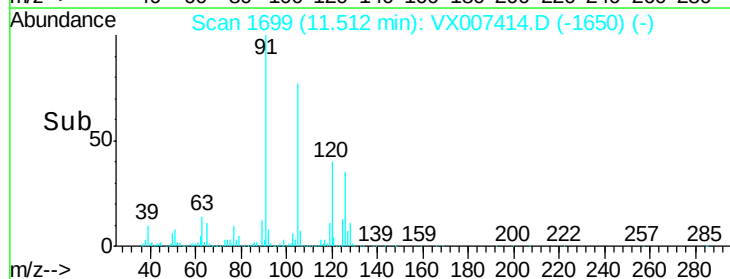
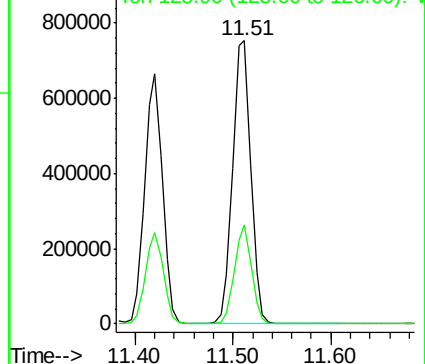
91 100

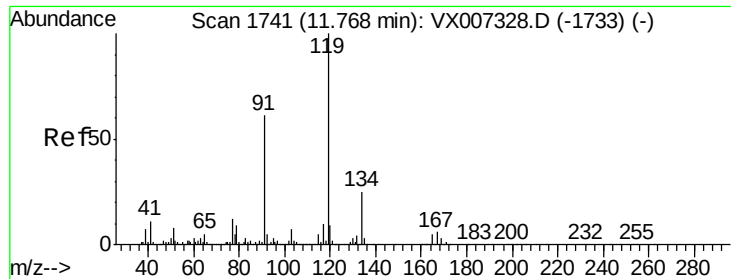
126 32.8 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 50.602 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

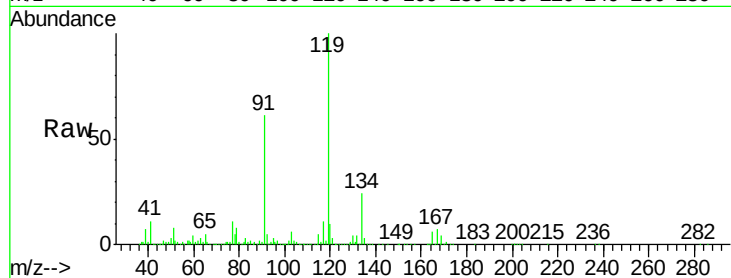
Tot Ion:119 Resp: 1035019

Ion Ratio Lower Upper

119 100

91 56.6 28.5 85.6

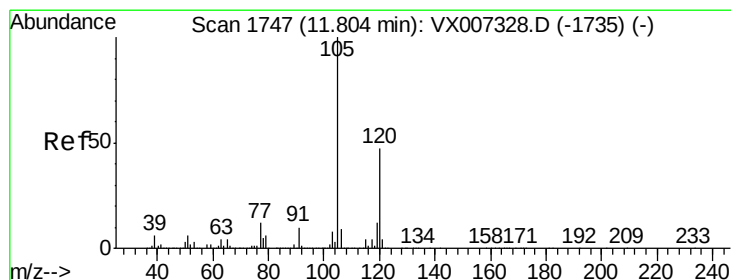
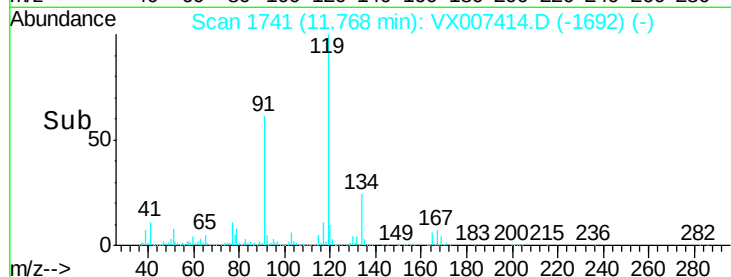
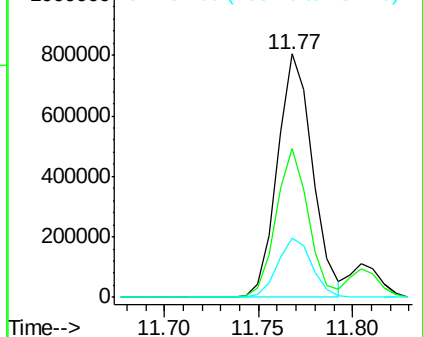
134 23.9 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.248 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007414.D

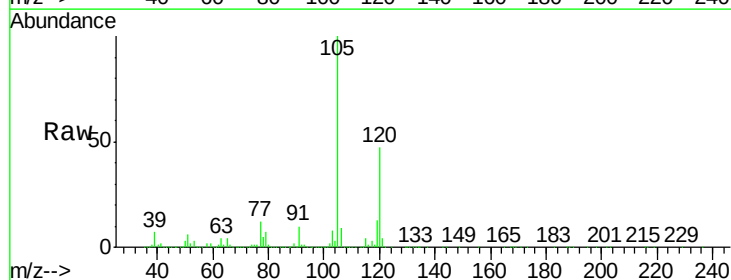
Acq: 07 Feb 2019 10:00

Tgt Ion:105 Resp: 1074890

Ion Ratio Lower Upper

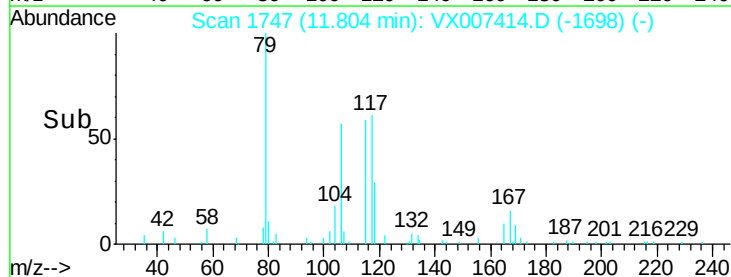
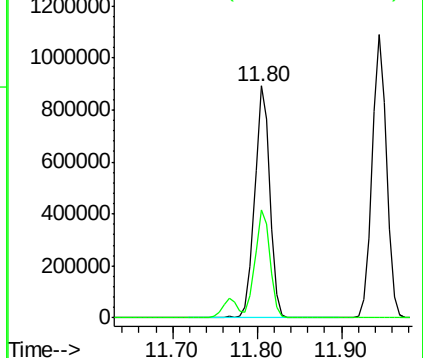
105 100

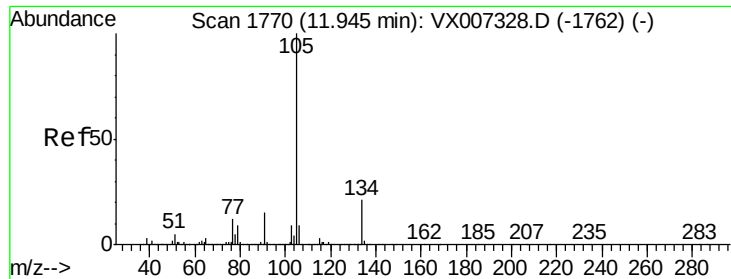
120 45.7 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.297 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

MSVOA_X

ClientSampleId :

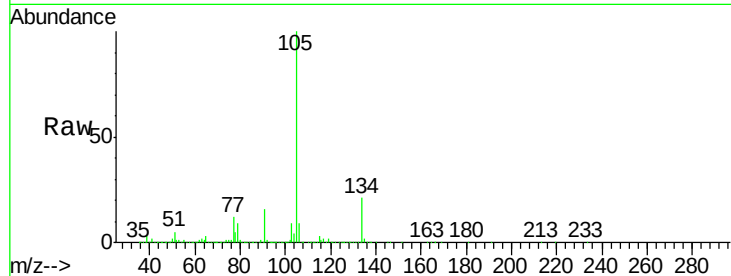
VSTDCCC050

Tot Ion:105 Resp: 1294663

Ion Ratio Lower Upper

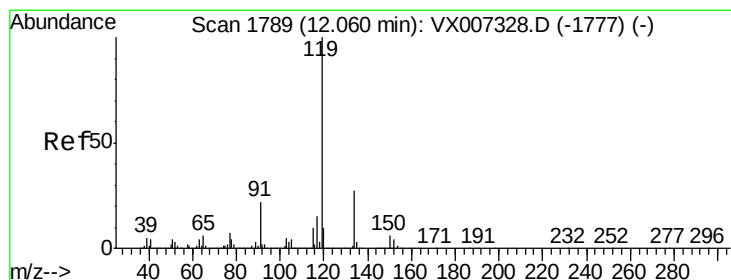
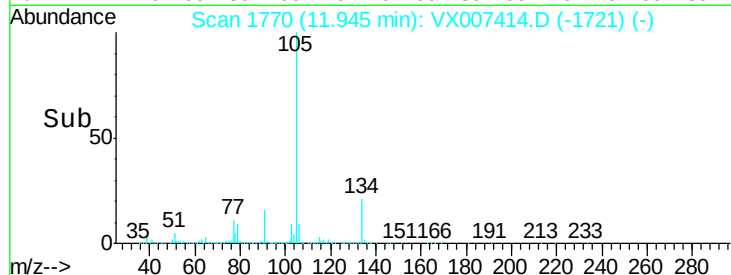
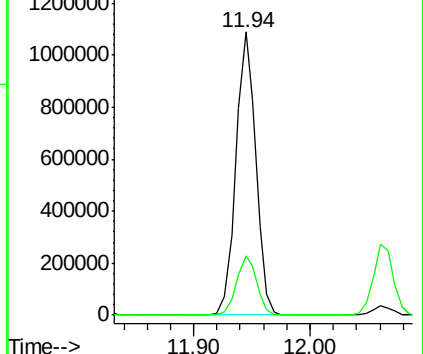
105 100

134 21.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.300 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

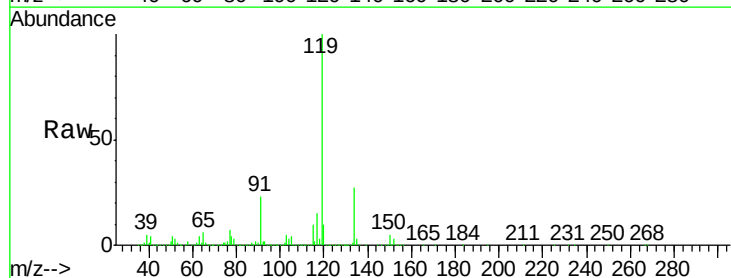
Tgt Ion:119 Resp: 1168760

Ion Ratio Lower Upper

119 100

134 27.8 13.7 41.1

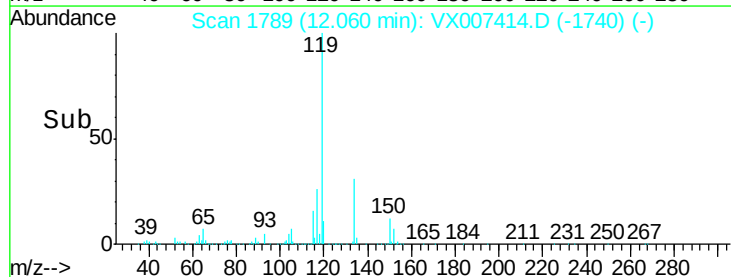
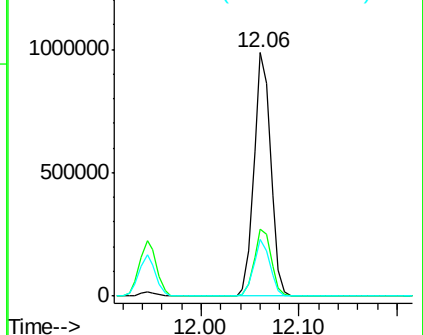
91 22.6 11.2 33.5

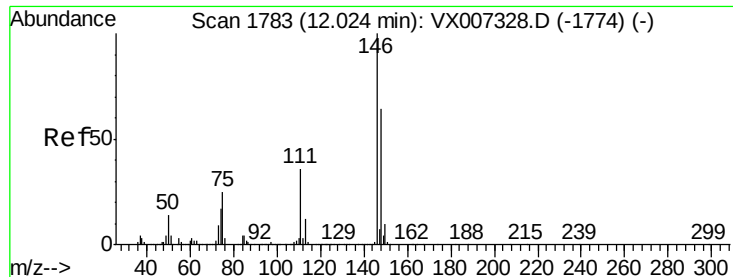


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

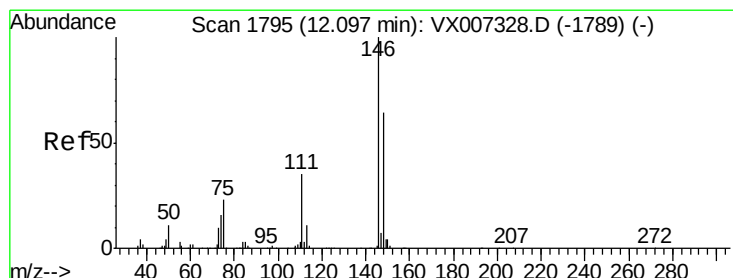
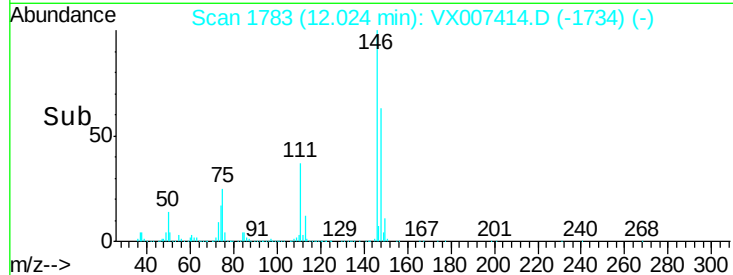
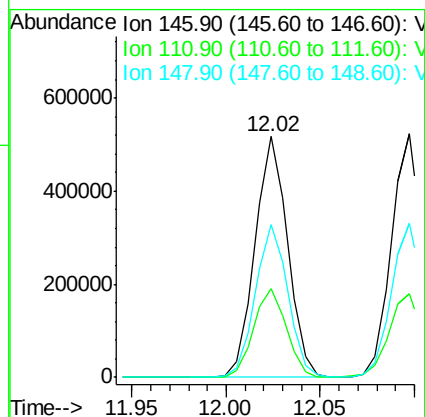
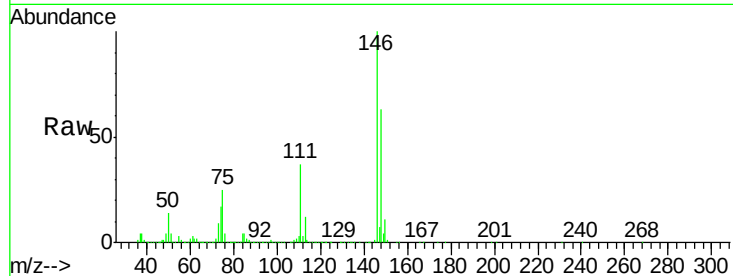




#87
 1,3-Dichlorobenzene
 Concen: 48.515 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007414.D
 Acq: 07 Feb 2019 10:00

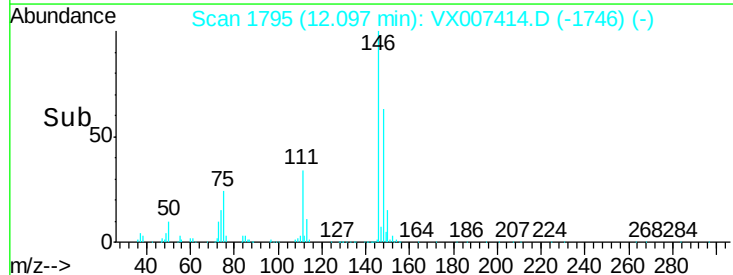
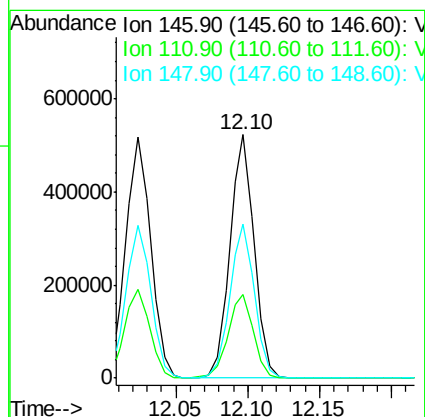
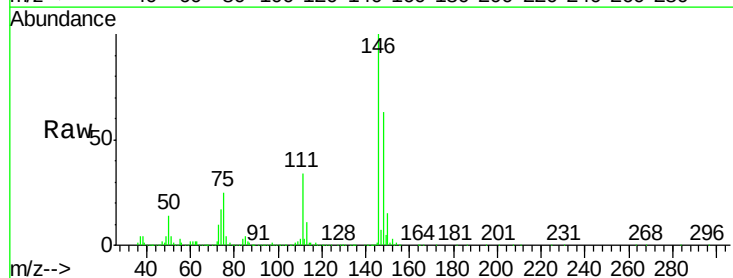
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

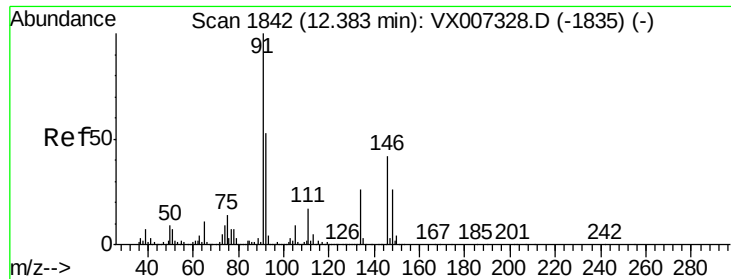
Tot Ion:146 Resp: 619490
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.1 54.1
 148 63.3 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 47.879 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007414.D
 Acq: 07 Feb 2019 10:00

Tgt Ion:146 Resp: 620255
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.1 54.1
 148 63.7 32.3 96.9

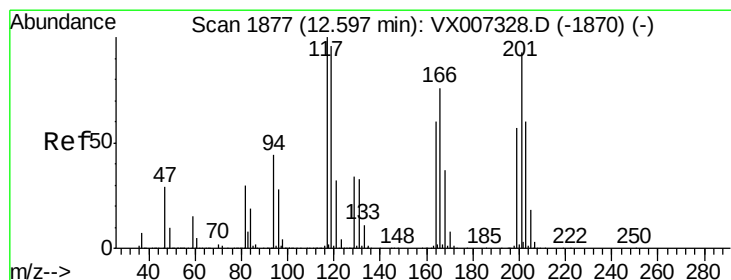
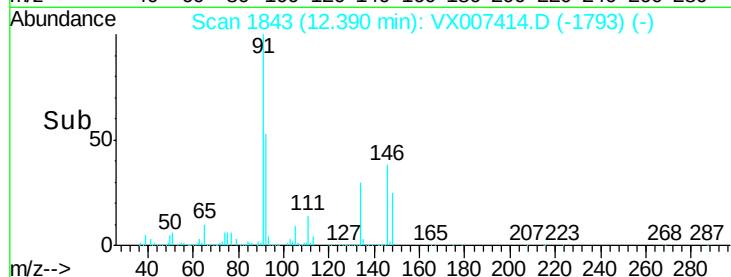
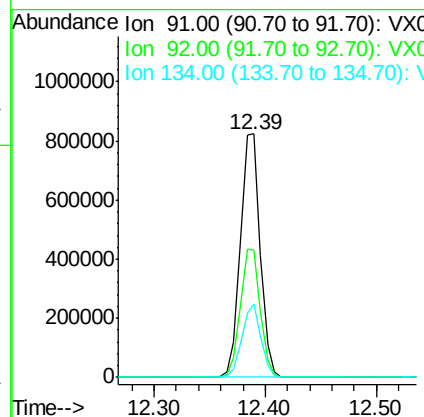
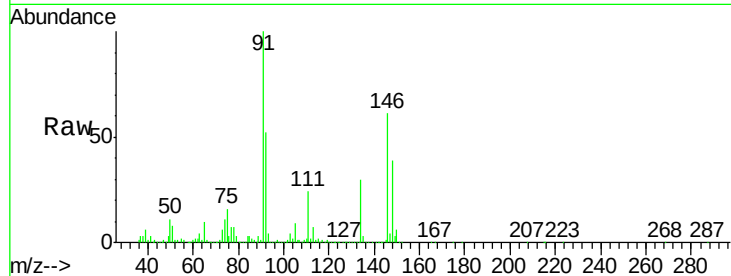




#89
n-Butylbenzene
Concen: 52.538 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

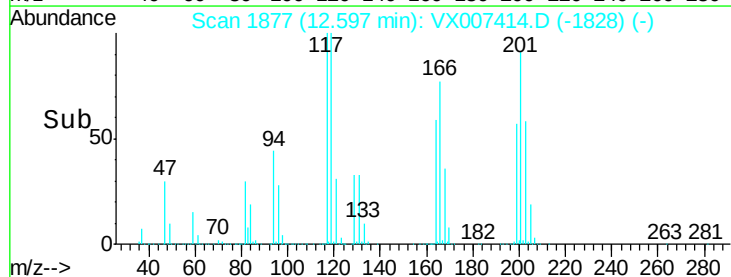
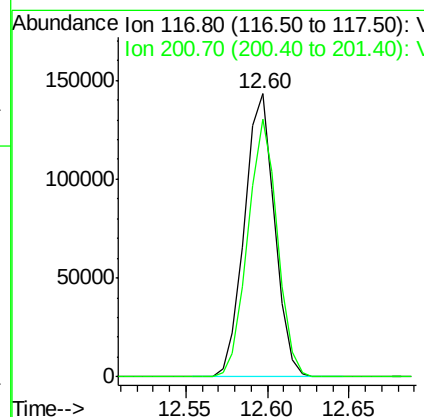
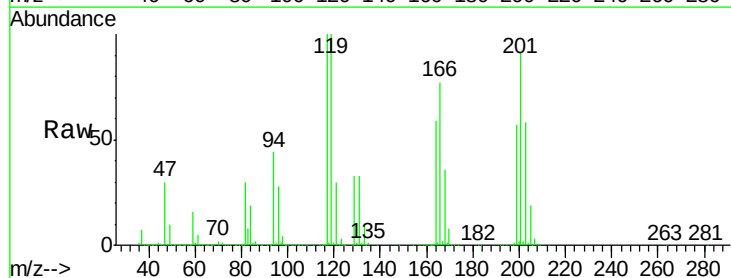
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

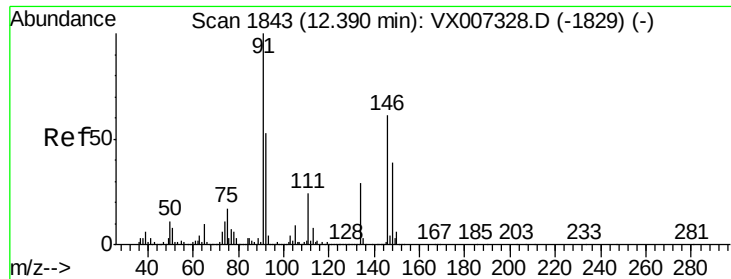
Tot Ion: 91 Resp: 1009999
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.9
134 28.6 13.9 41.6



#90
Hexachloroethane
Concen: 55.250 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007414.D
Acq: 07 Feb 2019 10:00

Tgt Ion: 117 Resp: 184786
Ion Ratio Lower Upper
117 100
201 89.3 44.9 134.7

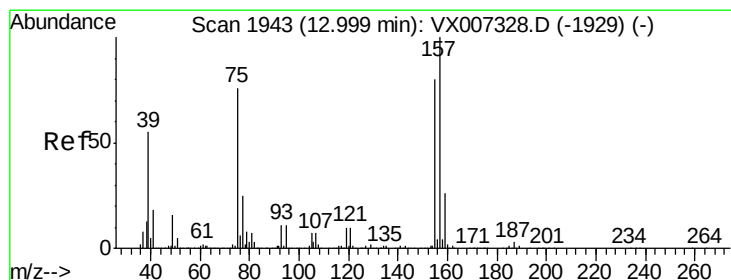
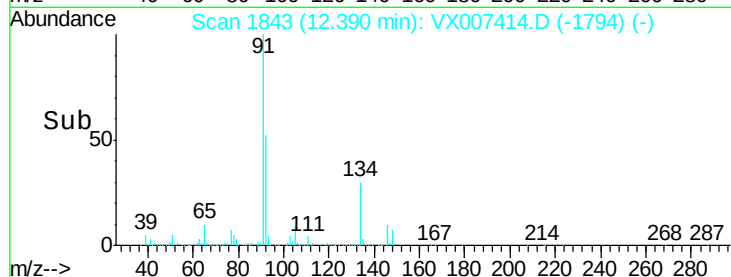
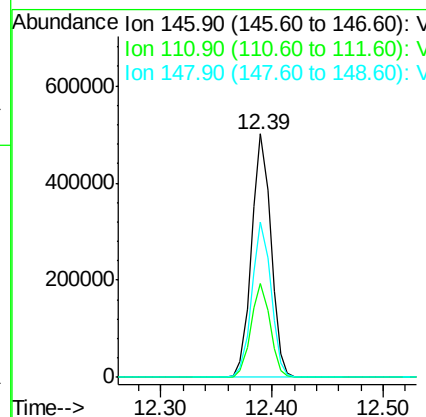
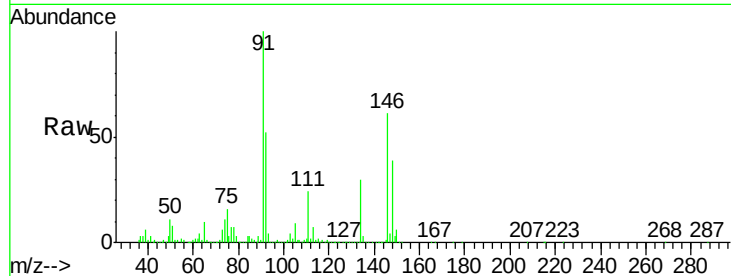




#91
 1,2-Dichlorobenzene
 Concen: 47.624 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007414.D
 Acq: 07 Feb 2019 10:00

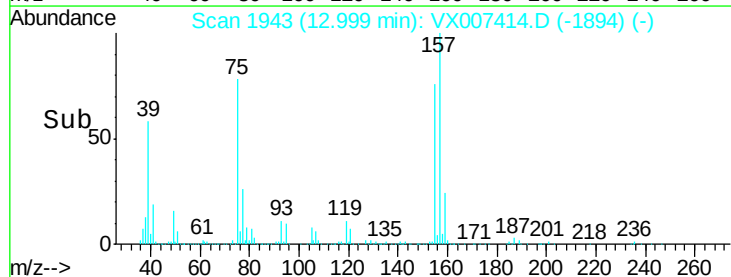
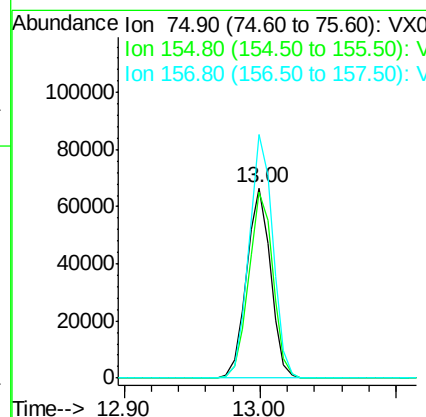
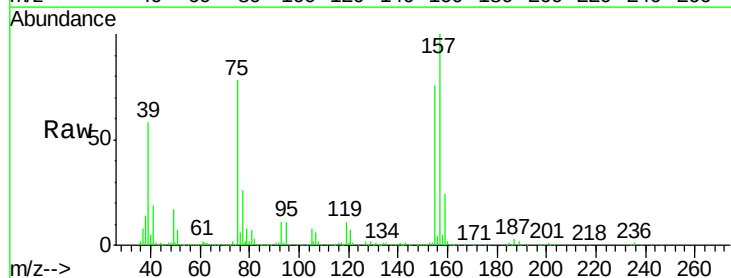
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

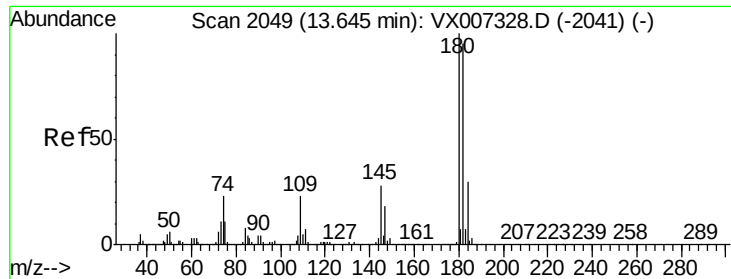
Tot Ion:146 Resp: 605185
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.3
 148 63.4 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.056 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007414.D
 Acq: 07 Feb 2019 10:00

Tgt Ion: 75 Resp: 81701
 Ion Ratio Lower Upper
 75 100
 155 99.4 49.6 149.0
 157 128.2 65.1 195.3

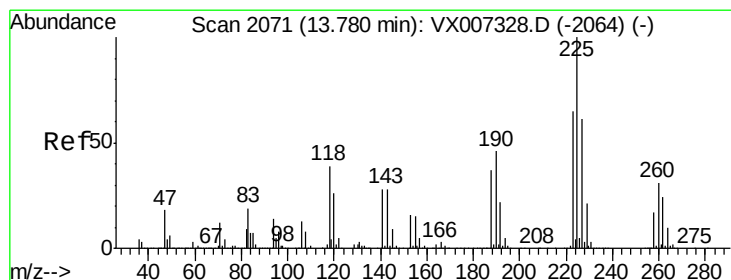
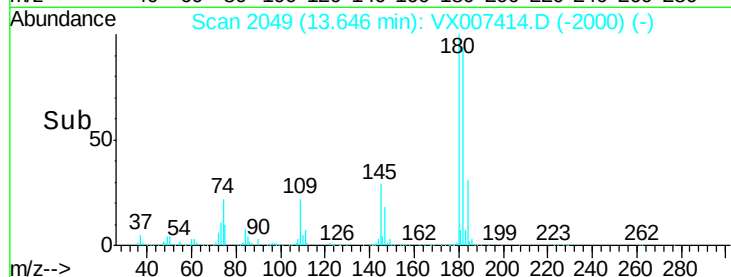
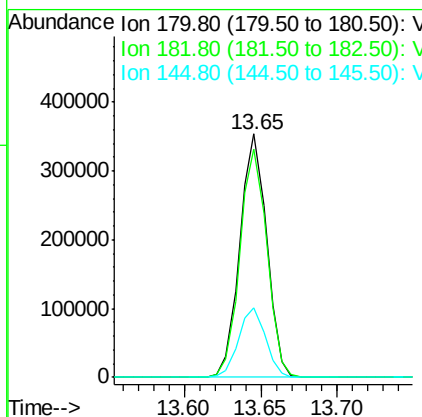
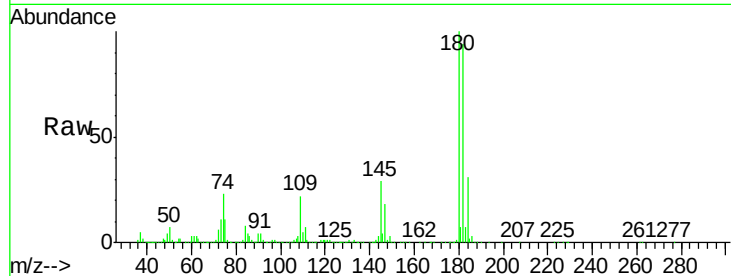




#93
 1,2,4-Trichlorobenzene
 Concen: 50.184 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007414.D
 Acq: 07 Feb 2019 10:00

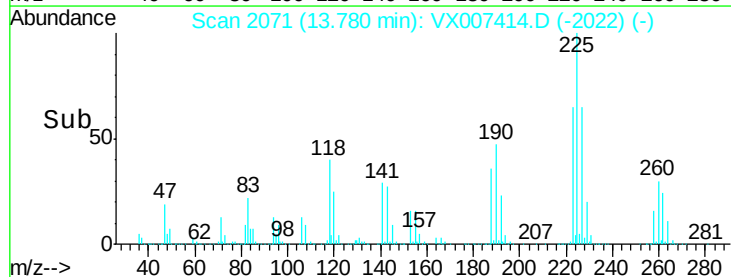
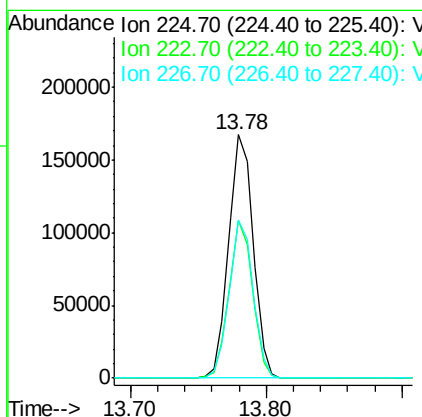
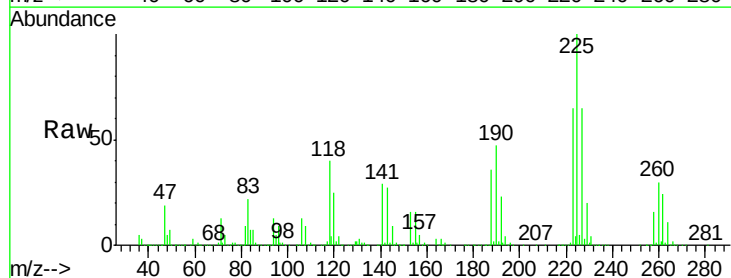
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

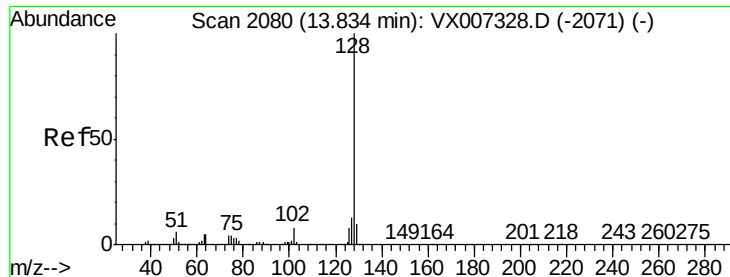
Tot Ion:180 Resp: 430069
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.8 143.3
 145 28.9 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 50.302 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007414.D
 Acq: 07 Feb 2019 10:00

Tgt Ion:225 Resp: 209323
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 94.8
 227 63.5 32.1 96.3





#95

Naphthalene

Concen: 51.019 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Instrument :

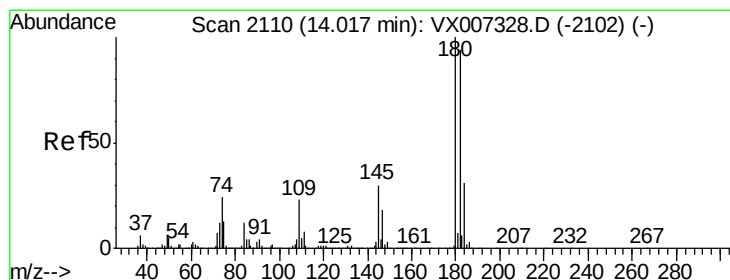
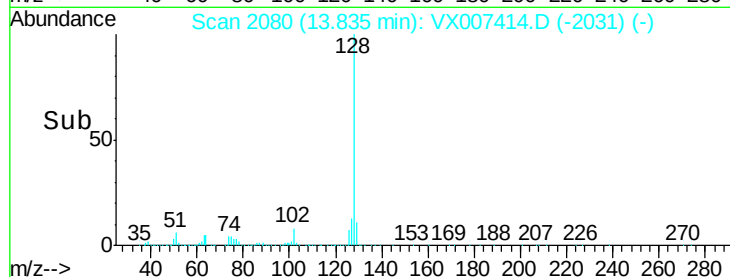
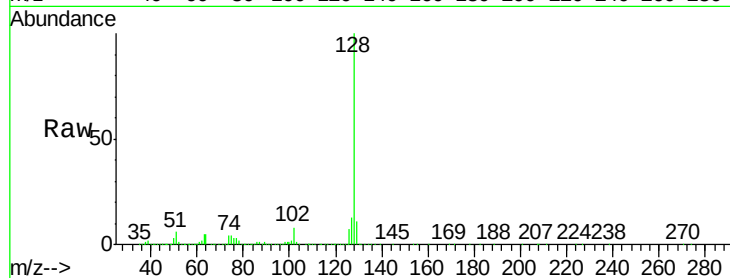
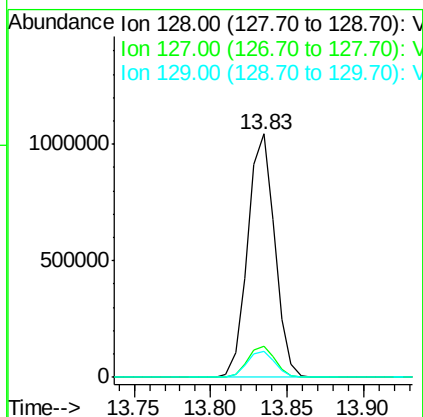
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1278583

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.1	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 49.118 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007414.D

Acq: 07 Feb 2019 10:00

Tgt Ion:180 Resp: 423714

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.5	142.6
145	30.3	14.9	44.5

