

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX040419\
 Data File : VX008649.D
 Acq On : 04 Apr 2019 20:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 05 07:10:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	183943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310578	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126888	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125690	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
35) Dibromofluoromethane	5.50	113	93697	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	8.71	98	376568	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
62) 4-Bromofluorobenzene	11.13	95	136541	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	91402	43.168	ug/l	99
3) Chloromethane	1.32	50	125936	48.481	ug/l	100
4) Vinyl Chloride	1.40	62	124775	43.593	ug/l	100
5) Bromomethane	1.64	94	48718	35.135	ug/l	100
6) Chloroethane	1.71	64	74994	47.845	ug/l	99
7) Trichlorofluoromethane	1.92	101	142289	44.971	ug/l	100
8) Diethyl Ether	2.18	74	68633	45.742	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	90035	44.198	ug/l	100
10) Methyl Iodide	2.51	142	47916	27.762	ug/l	100
11) Tert butyl alcohol	3.05	59	152484	242.769	ug/l	100
12) 1,1-Dichloroethene	2.37	96	95622	44.966	ug/l	99
13) Acrolein	2.29	56	51139	164.198	ug/l	97
14) Allyl chloride	2.73	41	220043	45.200	ug/l	99
15) Acrylonitrile	3.14	53	380658	228.767	ug/l	99
16) Acetone	2.45	43	323793	209.537	ug/l	99
17) Carbon Disulfide	2.57	76	278371	45.261	ug/l	100
18) Methyl Acetate	2.78	43	165842	44.251	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	361619	47.617	ug/l	98
20) Methylene Chloride	2.85	84	113809	43.999	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	99637	43.317	ug/l	97
22) Diisopropyl ether	3.85	45	431359	45.973	ug/l	93
23) Vinyl Acetate	3.81	43	1942877	238.022	ug/l	100
24) 1,1-Dichloroethane	3.70	63	212427	45.726	ug/l	99
25) 2-Butanone	4.67	43	562210	230.191	ug/l	100
26) 2,2-Dichloropropane	4.58	77	136921	41.846	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	117704	44.507	ug/l	99
28) Bromochloromethane	5.02	49	104692	54.203	ug/l	100
29) Tetrahydrofuran	5.13	42	372398	229.726	ug/l	100
30) Chloroform	5.21	83	190127	45.821	ug/l	98
31) Cyclohexane	5.58	56	203753	43.955	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	156482	46.669	ug/l	99
36) 1,1-Dichloropropene	5.80	75	149140	43.930	ug/l	99
37) Ethyl Acetate	4.84	43	213007	47.006	ug/l	99
38) Carbon Tetrachloride	5.79	117	129442	46.067	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX040419\
 Data File : VX008649.D
 Acq On : 04 Apr 2019 20:24
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Apr 05 07:10:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180192	42.966	ug/l	98
40) Benzene	6.14	78	460353	45.517	ug/l	99
41) Methacrylonitrile	5.04	41	119839	46.008	ug/l	100
42) 1,2-Dichloroethane	6.20	62	162790	44.897	ug/l	100
43) Isopropyl Acetate	6.45	43	341916	48.166	ug/l	100
44) Trichloroethene	7.21	130	105452	44.767	ug/l	99
45) 1,2-Dichloropropane	7.51	63	130540	45.220	ug/l	99
46) Dibromomethane	7.66	93	74643	44.582	ug/l	99
47) Bromodichloromethane	7.90	83	147604	46.757	ug/l	99
48) Methyl methacrylate	7.77	41	171519	47.766	ug/l	100
49) 1,4-Dioxane	7.74	88	62076	922.834	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	1113965	243.775	ug/l	100
52) Toluene	8.79	92	277022	46.459	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	169560	47.950	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	189206	46.826	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	112052	46.816	ug/l	99
56) Ethyl methacrylate	9.18	69	214152	49.452	ug/l	99
57) 1,3-Dichloropropane	9.37	76	199662	46.456	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	532686	240.898	ug/l	99
59) 2-Hexanone	9.49	43	846117	238.256	ug/l	100
60) Dibromochloromethane	9.58	129	109168	48.403	ug/l	99
61) 1,2-Dibromoethane	9.67	107	115488	46.349	ug/l	98
64) Tetrachloroethene	9.34	164	91600	44.144	ug/l	98
65) Chlorobenzene	10.14	112	280562	45.192	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	100284	46.045	ug/l	99
67) Ethyl Benzene	10.25	91	528055	45.615	ug/l	100
68) m/p-Xylenes	10.36	106	379009	91.057	ug/l	100
69) o-Xylene	10.69	106	186584	46.255	ug/l	98
70) Styrene	10.71	104	324204	46.626	ug/l	100
71) Bromoform	10.85	173	81272	48.858	ug/l #	98
73) Isopropylbenzene	11.02	105	488692	46.473	ug/l	100
74) N-amyl acetate	10.90	43	299478	48.406	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	185794	46.457	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	215302	61.767	ug/l	82
77) Bromobenzene	11.26	156	118525	46.886	ug/l	99
78) n-propylbenzene	11.36	91	568098	46.398	ug/l	99
79) 2-Chlorotoluene	11.42	91	339059	45.760	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	411515	46.620	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	60682	47.988	ug/l	99
82) 4-Chlorotoluene	11.51	91	389276	45.387	ug/l	99
83) tert-Butylbenzene	11.77	119	395467	46.568	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	416804	46.634	ug/l	100
85) sec-Butylbenzene	11.94	105	469566	46.551	ug/l	99
86) p-Isopropyltoluene	12.06	119	424127	46.846	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	205527	45.414	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	204864	44.704	ug/l	100
89) n-Butylbenzene	12.38	91	392512	46.228	ug/l	99
90) Hexachloroethane	12.60	117	73052	48.648	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	205411	45.714	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40712	46.276	ug/l	99

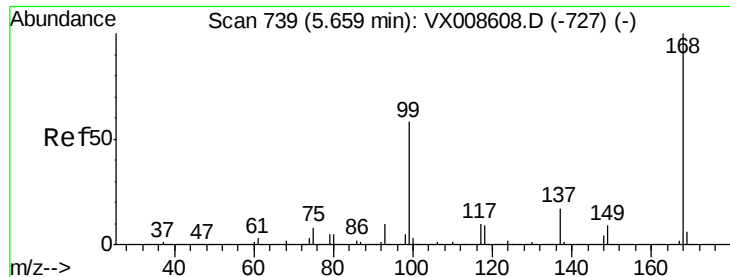
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040419\
Data File : VX008649.D
Acq On : 04 Apr 2019 20:24
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 05 07:10:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	142379	45.573	ug/l	98
94) Hexachlorobutadiene	13.78	225	69438	46.344	ug/l	99
95) Naphthalene	13.83	128	493388	47.251	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	142485	45.646	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

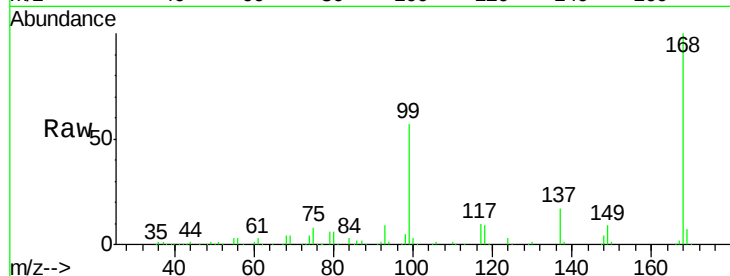
VSTDCCC050EC

Tgt Ion:168 Resp: 183943

Ion Ratio Lower Upper

168 100

99 56.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

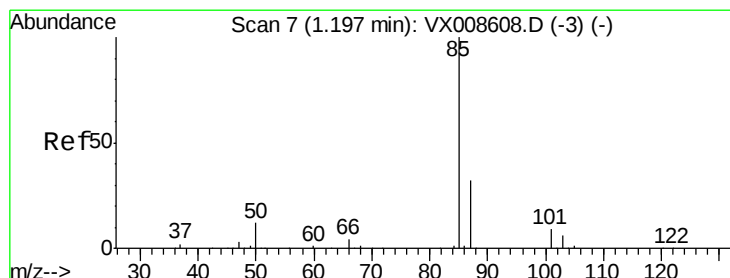
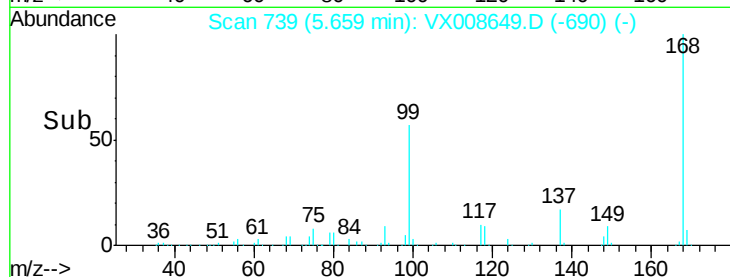
40000

20000

0

Time-->

5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.168 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008649.D

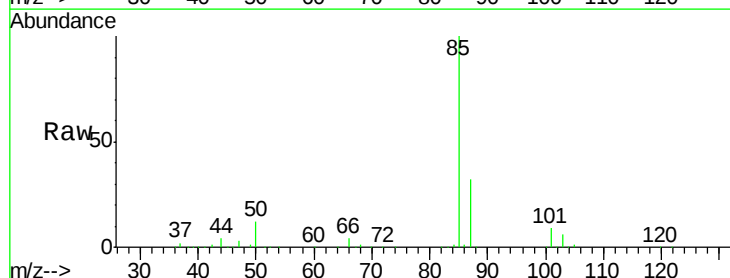
Acq: 04 Apr 2019 20:24

Tgt Ion: 85 Resp: 91402

Ion Ratio Lower Upper

85 100

87 32.0 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

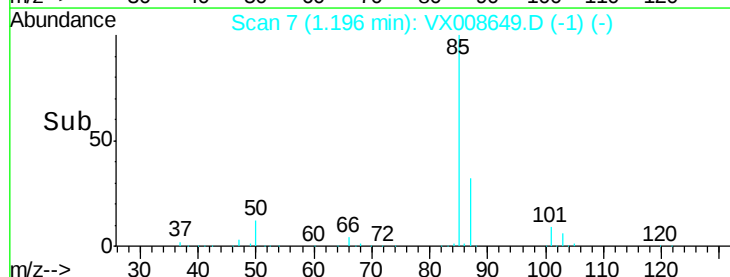
40000

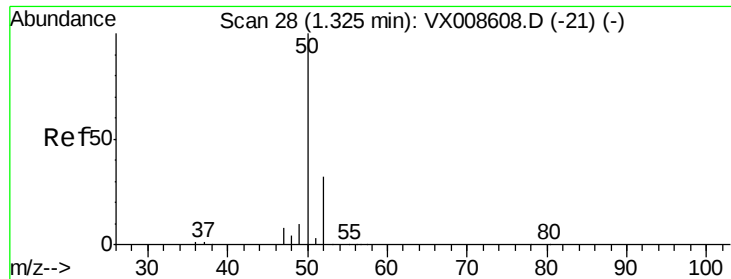
20000

0

Time-->

1.20 1.30





#3

Chloromethane

Concen: 48.481 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

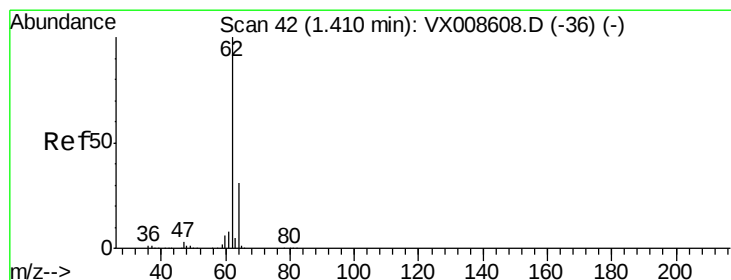
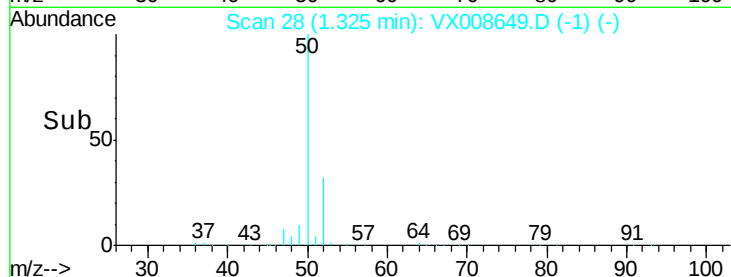
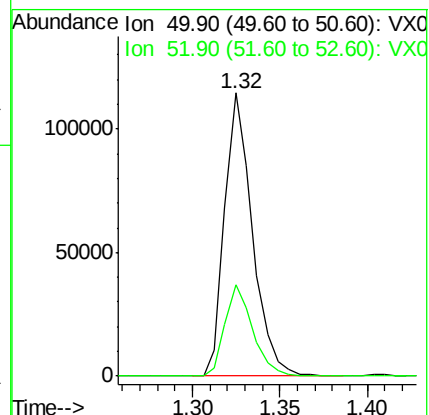
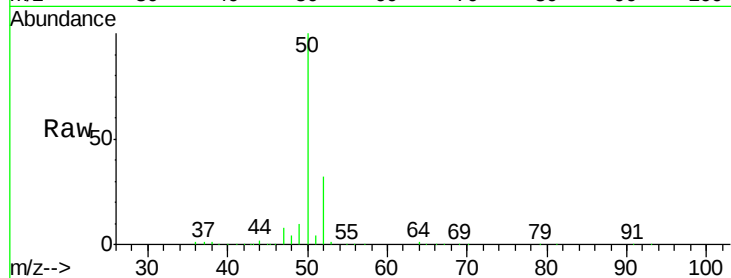
VSTDCCC050EC

Tgt Ion: 50 Resp: 125936

Ion Ratio Lower Upper

50 100

52 32.2 25.8 38.8



#4

Vinyl Chloride

Concen: 43.593 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008649.D

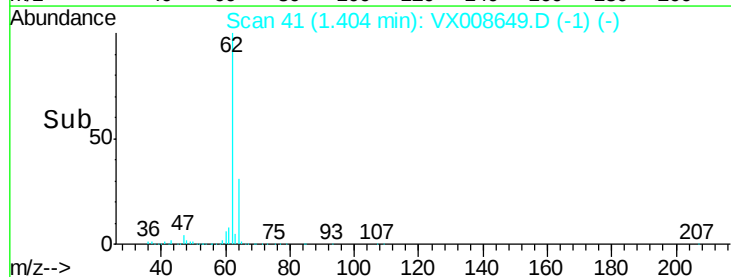
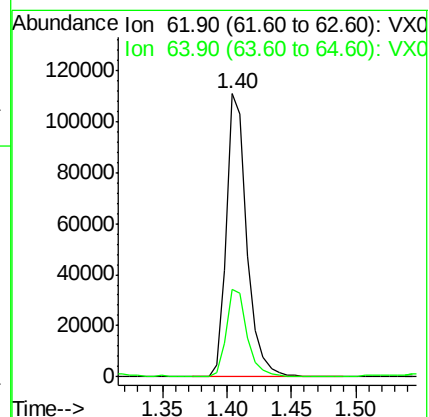
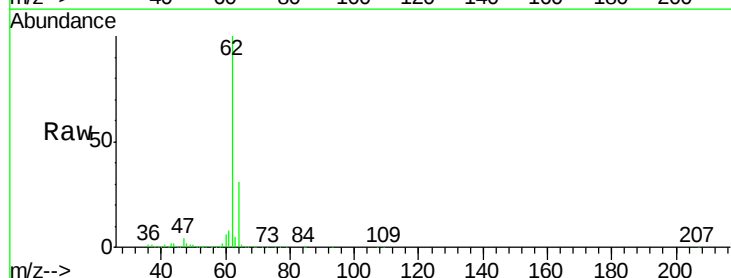
Acq: 04 Apr 2019 20:24

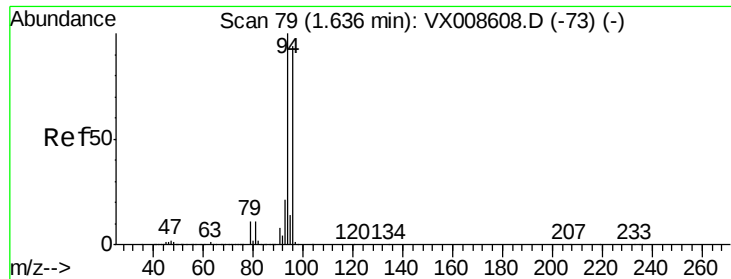
Tgt Ion: 62 Resp: 124775

Ion Ratio Lower Upper

62 100

64 30.8 24.7 37.1





#5

Bromomethane

Concen: 35.135 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

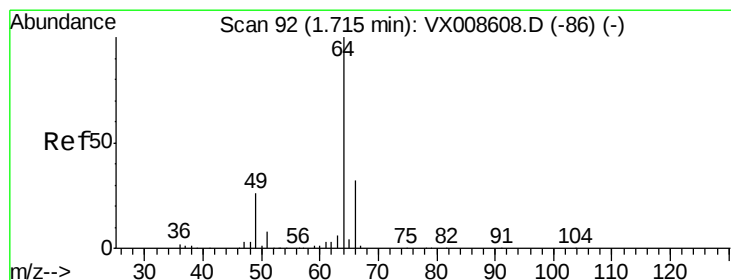
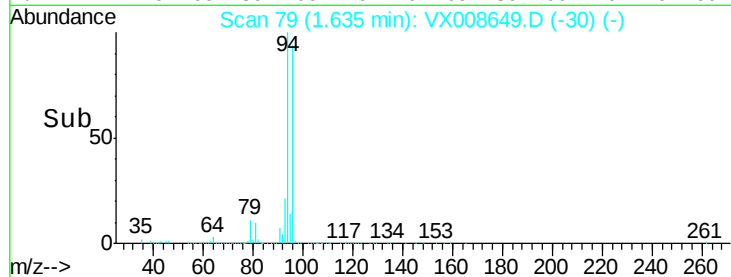
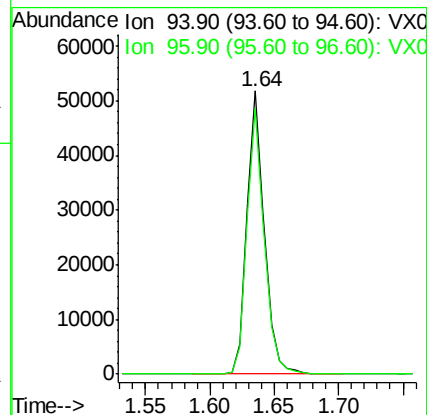
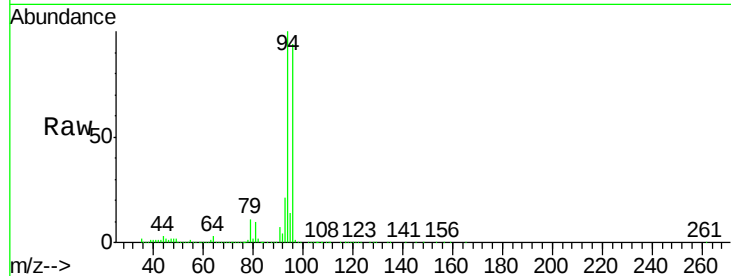
VSTDCCC050EC

Tgt Ion: 94 Resp: 48718

Ion Ratio Lower Upper

94 100

96 93.7 75.2 112.8



#6

Chloroethane

Concen: 47.845 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008649.D

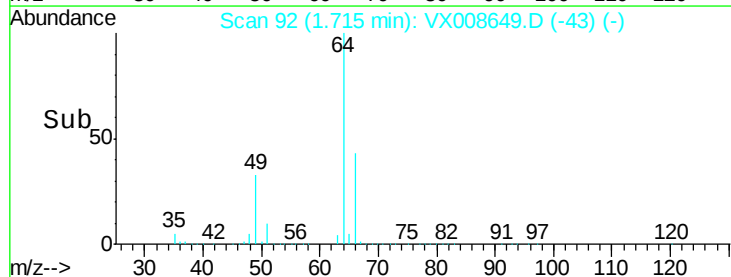
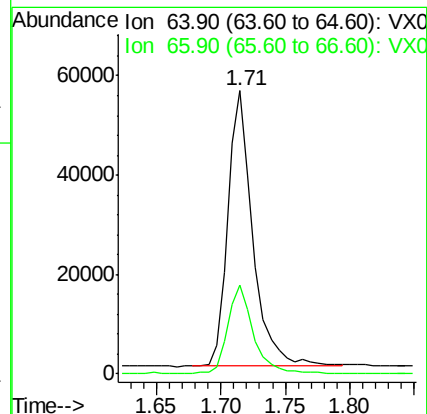
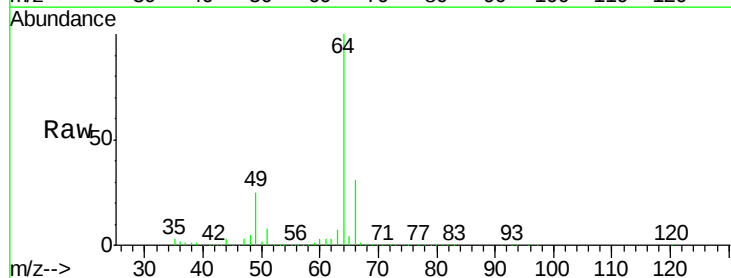
Acq: 04 Apr 2019 20:24

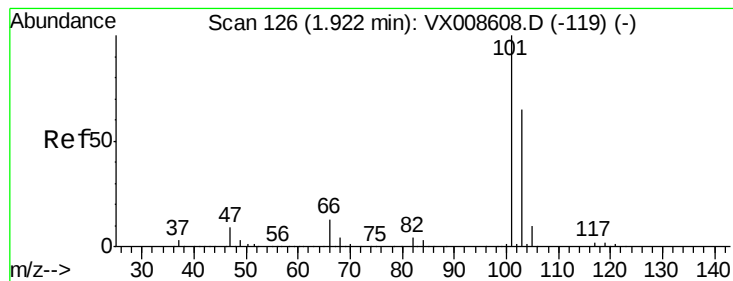
Tgt Ion: 64 Resp: 74994

Ion Ratio Lower Upper

64 100

66 32.0 25.4 38.0



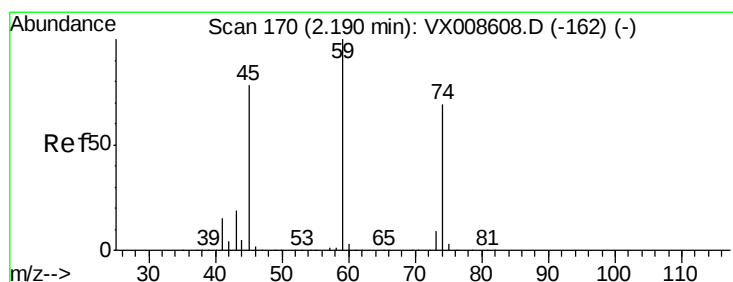
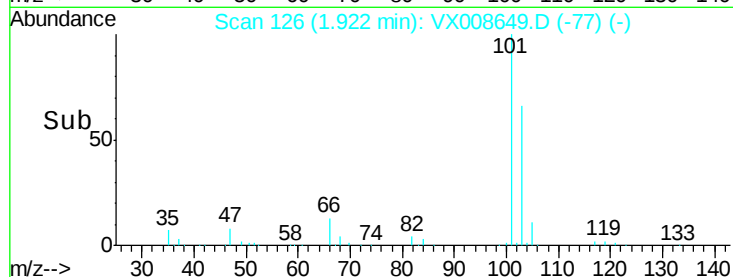
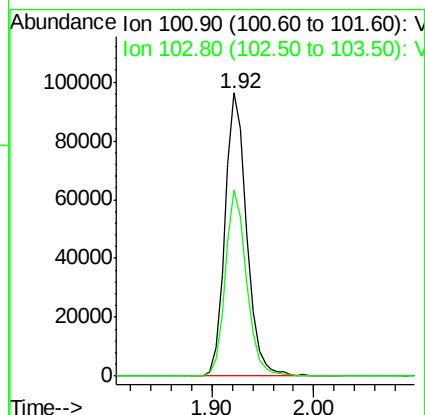
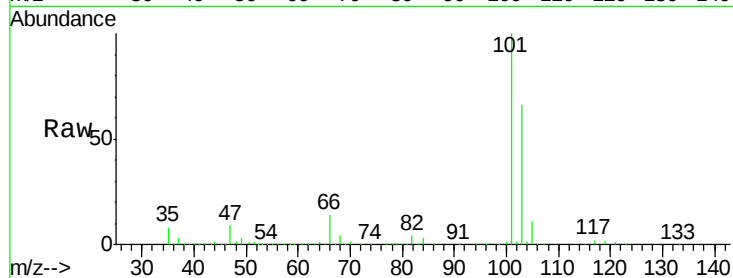


#7

Trichlorofluoromethane
Concen: 44.971 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX008649.D
Acq: 04 Apr 2019 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

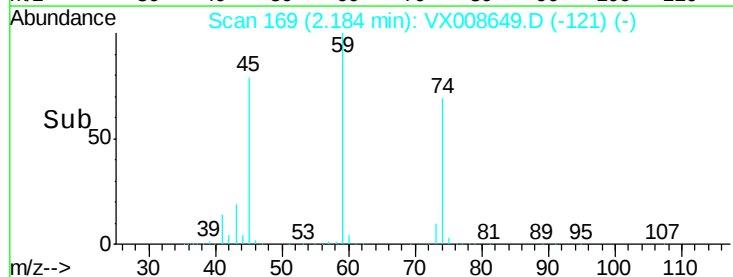
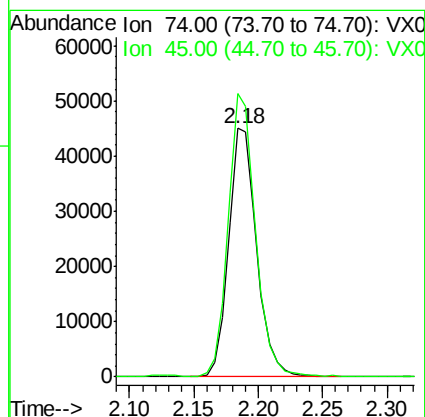
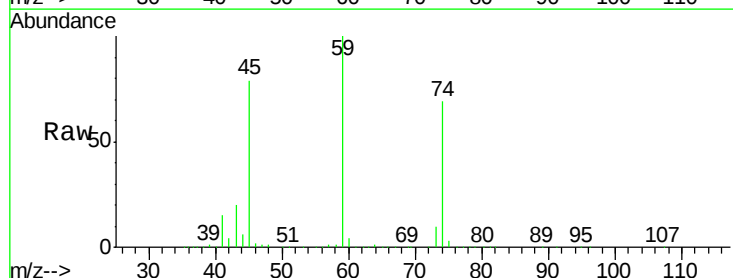
Tgt Ion: 101 Resp: 142289
Ion Ratio Lower Upper
101 100
103 65.6 52.3 78.5



#8

Diethyl Ether
Concen: 45.742 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008649.D
Acq: 04 Apr 2019 20:24

Tgt Ion: 74 Resp: 68633
Ion Ratio Lower Upper
74 100
45 111.3 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.198 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

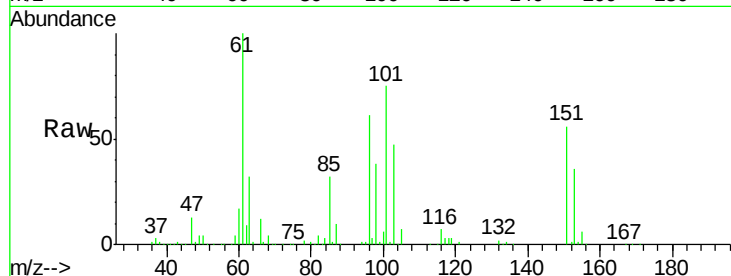
Tgt Ion:101 Resp: 90035

Ion Ratio Lower Upper

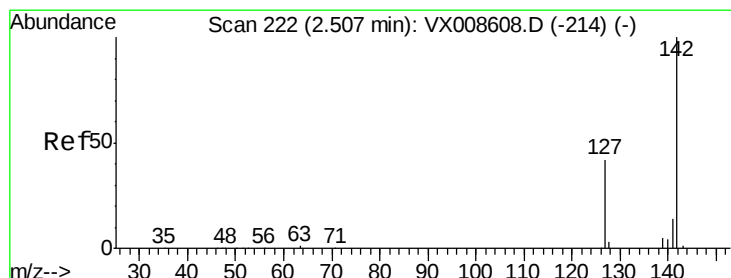
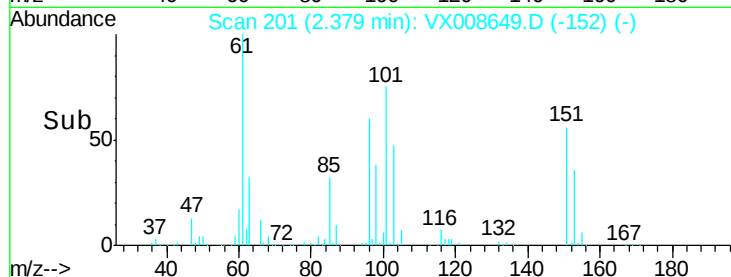
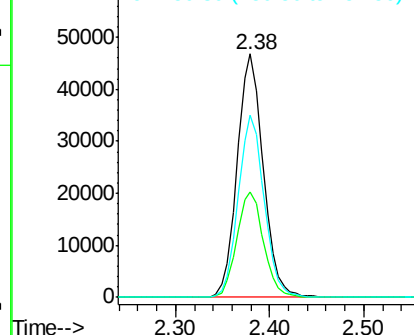
101 100

85 44.4 36.0 54.0

151 74.8 59.9 89.9



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 27.762 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

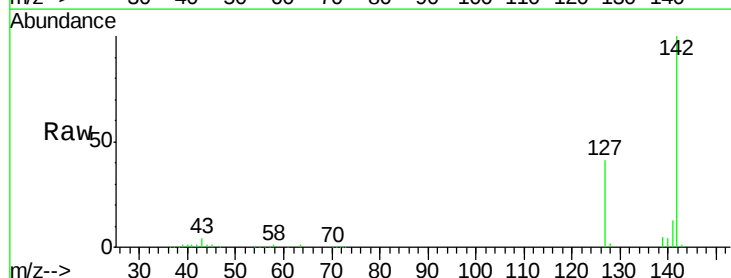
Tgt Ion:142 Resp: 47916

Ion Ratio Lower Upper

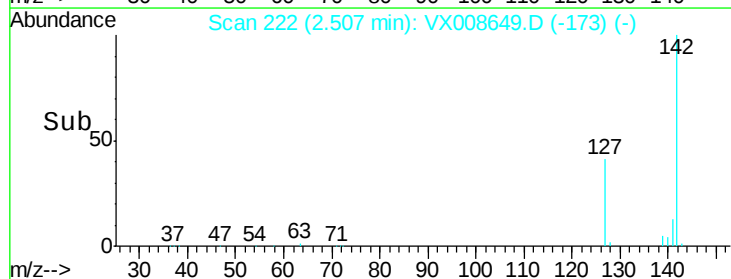
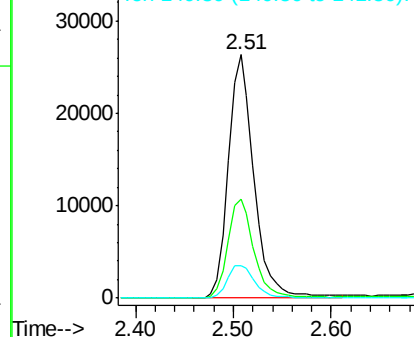
142 100

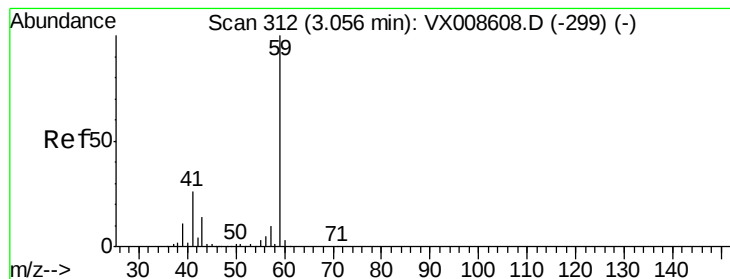
127 41.4 33.0 49.6

141 14.5 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



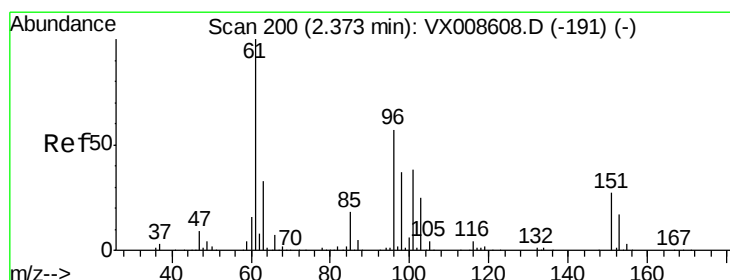
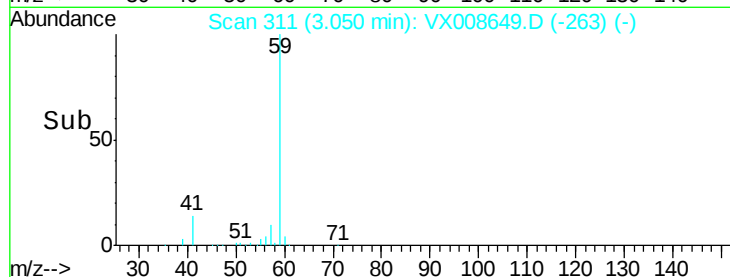
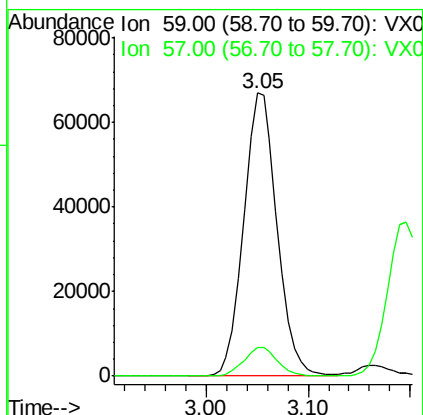
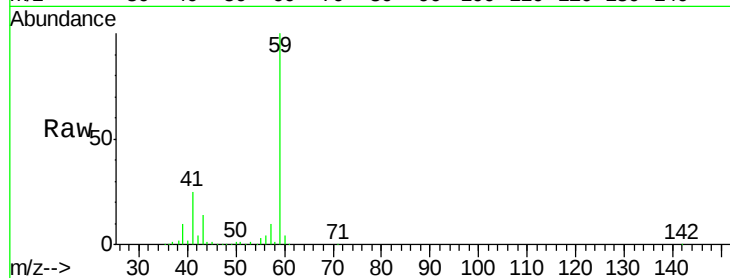


#11

Tert butyl alcohol
 Concen: 242.769 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

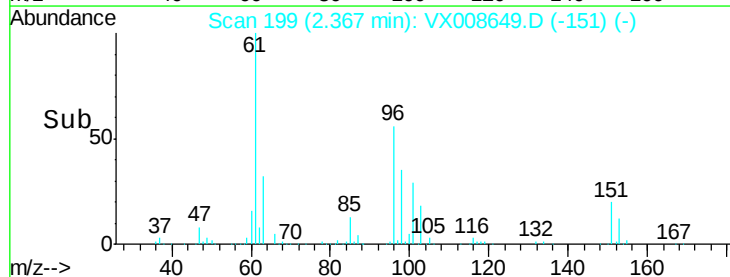
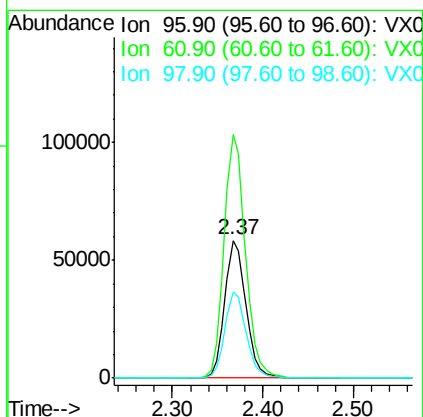
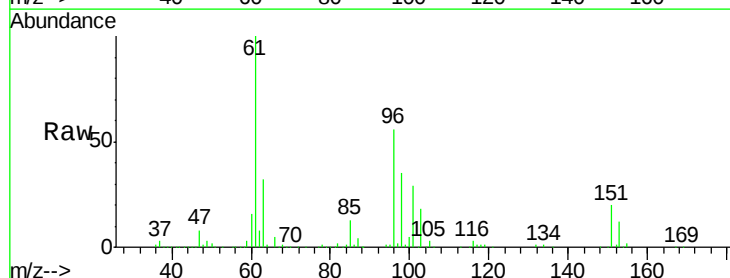
Tgt Ion: 59 Resp: 152484
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

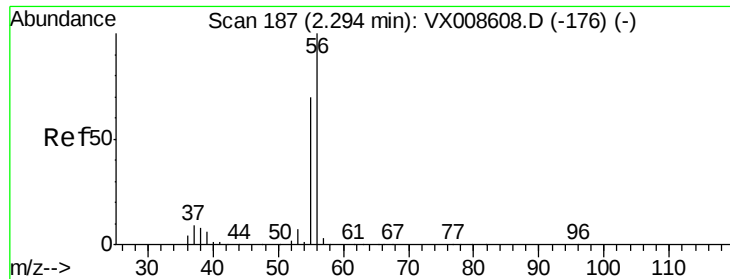


#12

1,1-Dichloroethene
 Concen: 44.966 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

Tgt Ion: 96 Resp: 95622
 Ion Ratio Lower Upper
 96 100
 61 177.1 140.9 211.3
 98 62.4 52.1 78.1





#13

Acrolein

Concen: 164.198 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

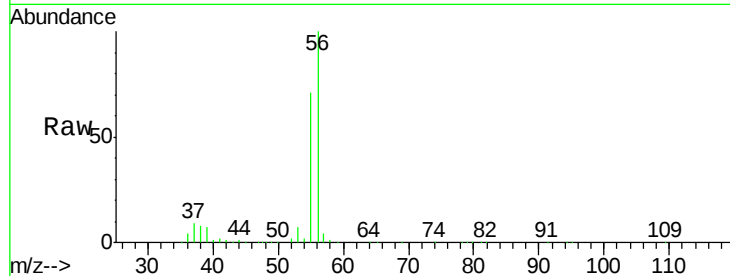
VSTDCCC050EC

Tgt Ion: 56 Resp: 51139

Ion Ratio Lower Upper

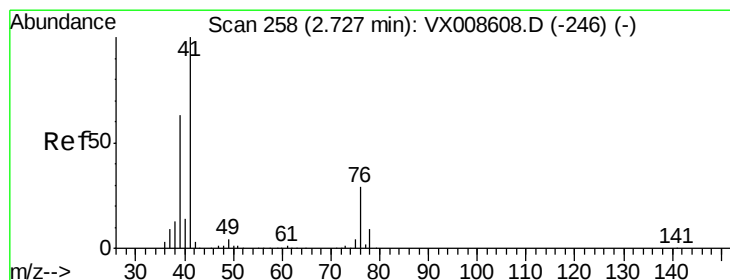
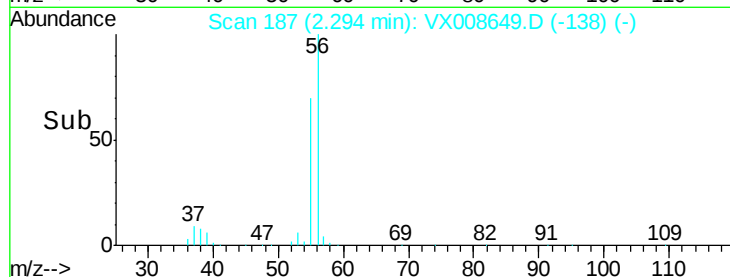
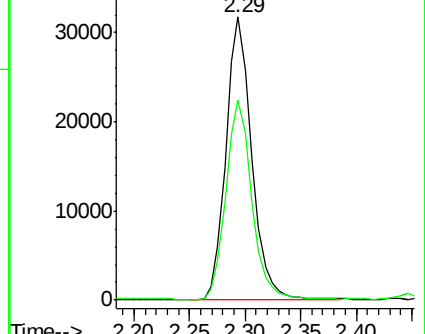
56 100

55 69.8 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.200 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

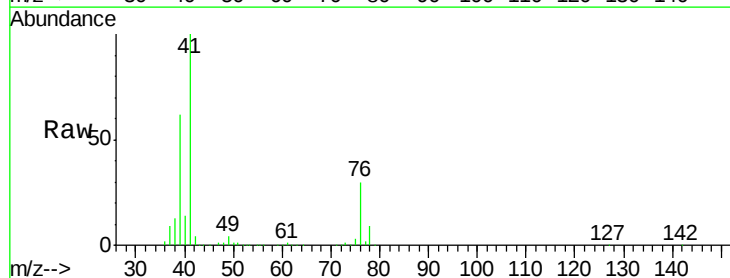
Tgt Ion: 41 Resp: 220043

Ion Ratio Lower Upper

41 100

39 59.3 48.0 72.0

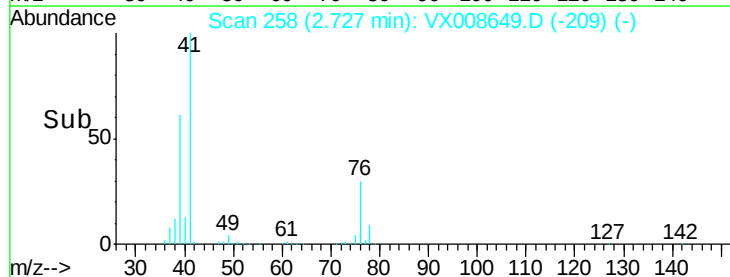
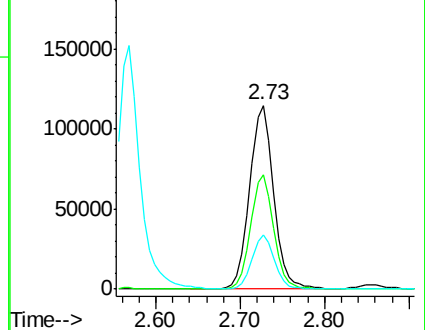
76 27.3 22.0 33.0

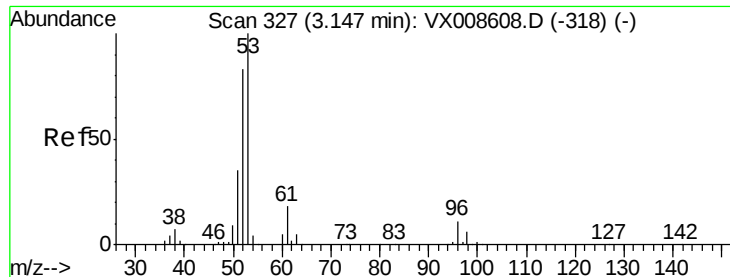


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 228.767 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

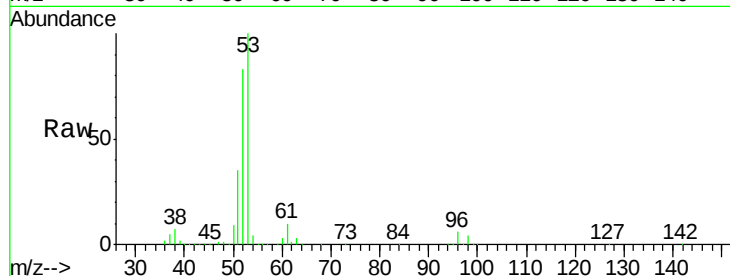
Tgt Ion: 53 Resp: 380658

Ion Ratio Lower Upper

53 100

52 82.7 66.5 99.7

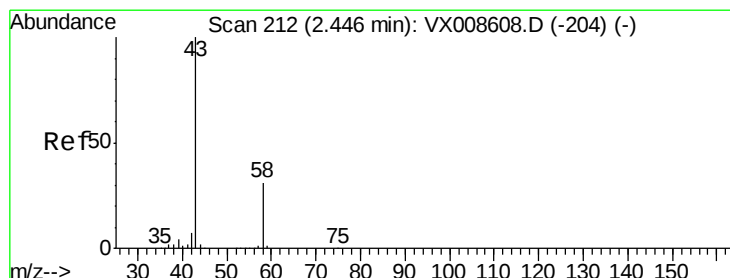
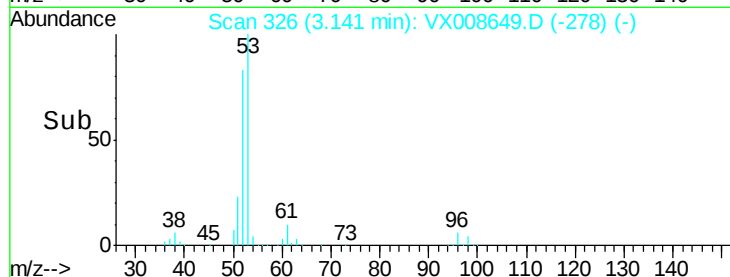
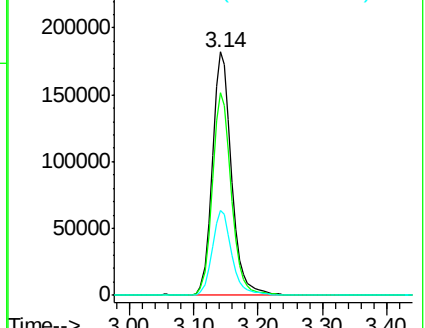
51 35.3 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 209.537 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008649.D

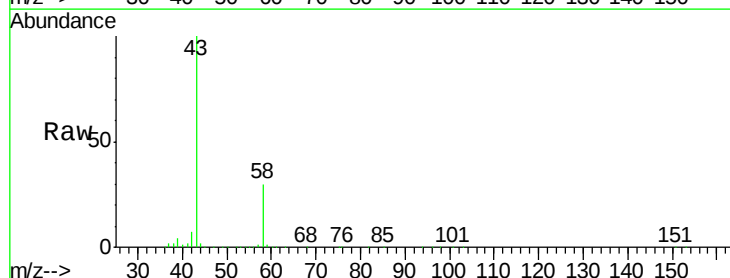
Acq: 04 Apr 2019 20:24

Tgt Ion: 43 Resp: 323793

Ion Ratio Lower Upper

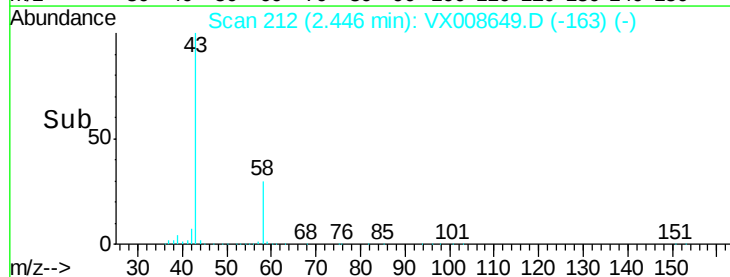
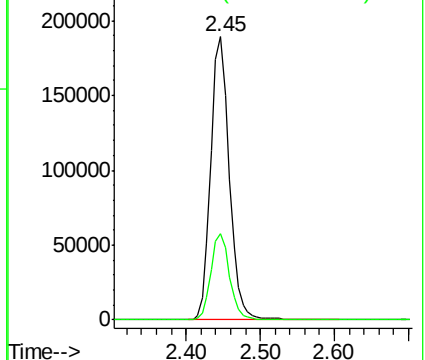
43 100

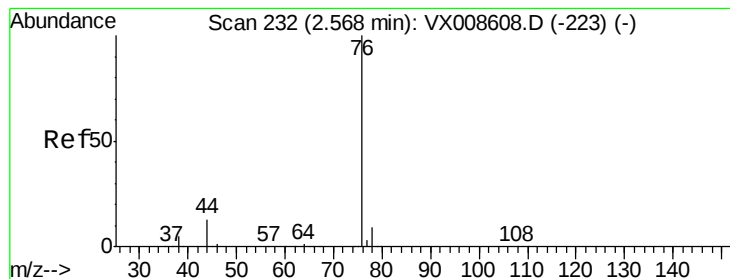
58 30.3 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.261 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

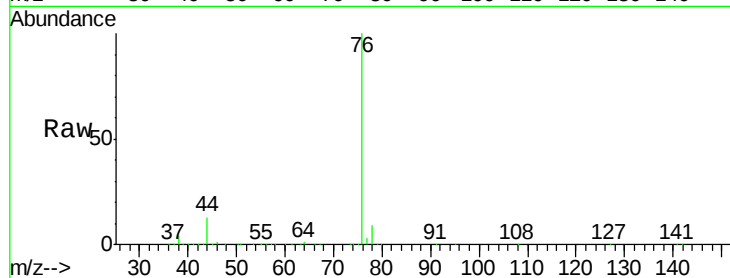
VSTDCCC050EC

Tgt Ion: 76 Resp: 278371

Ion Ratio Lower Upper

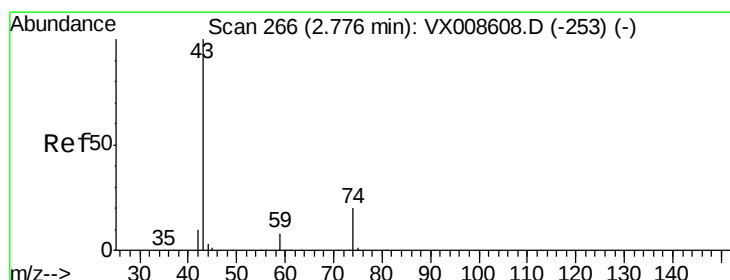
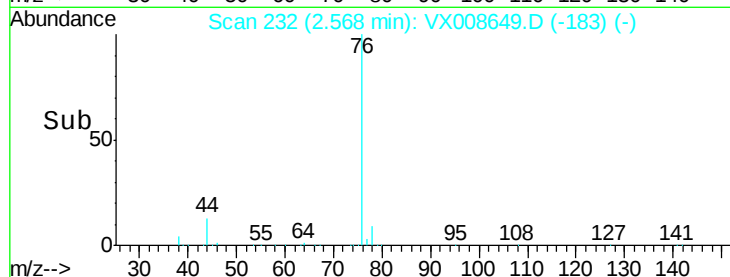
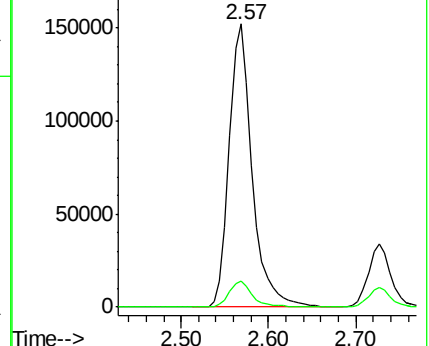
76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 44.251 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008649.D

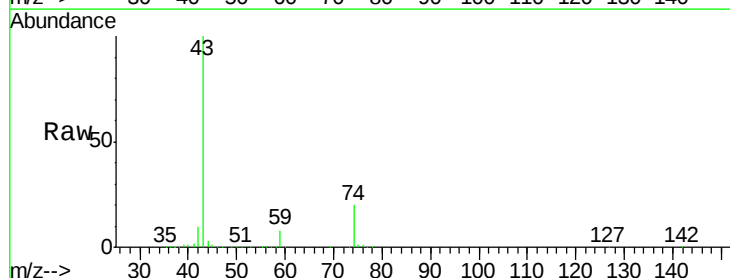
Acq: 04 Apr 2019 20:24

Tgt Ion: 43 Resp: 165842

Ion Ratio Lower Upper

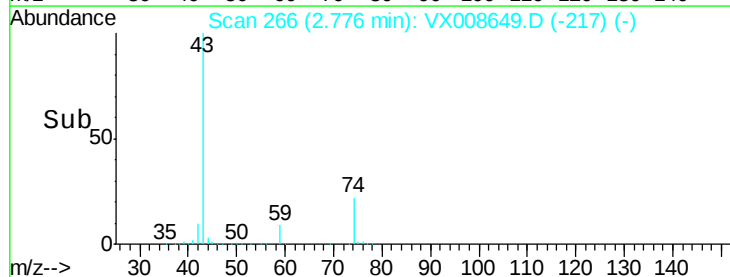
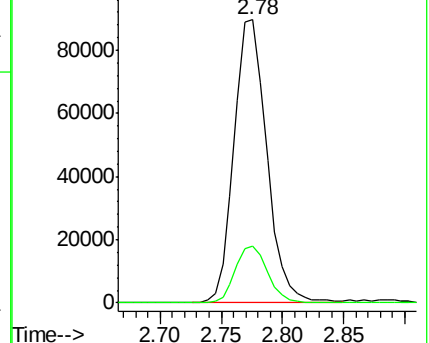
43 100

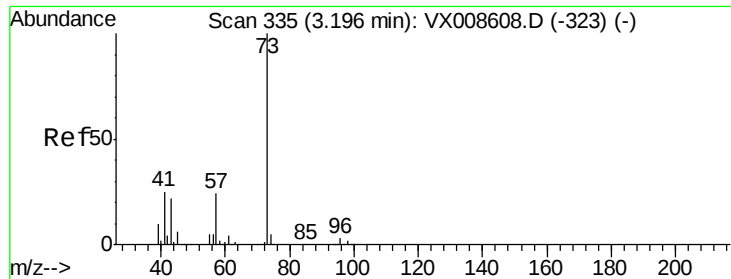
74 20.4 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

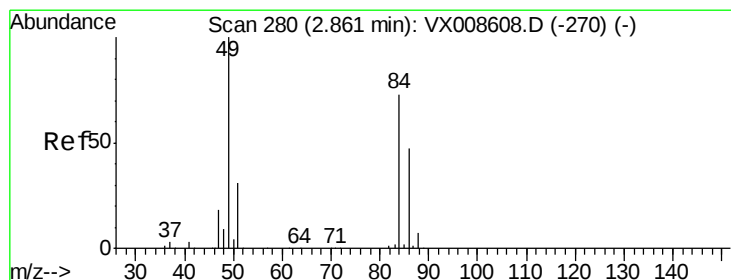
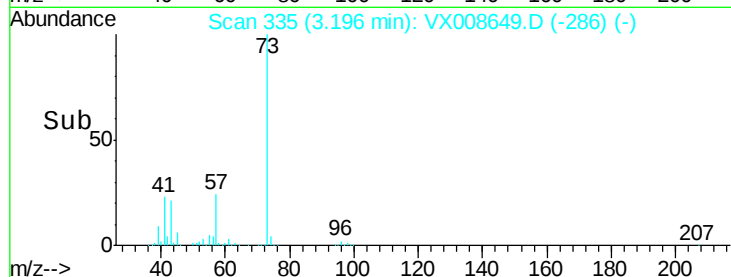
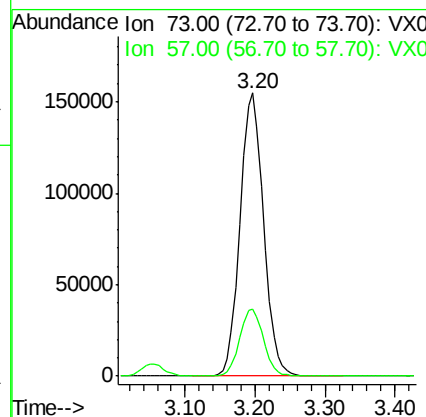
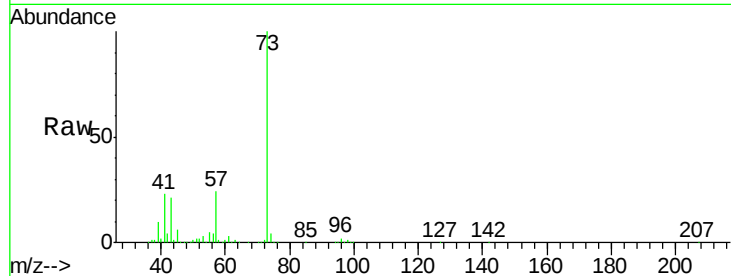




#19
Methyl tert-butyl Ether
Concen: 47.617 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008649.D
Acq: 04 Apr 2019 20:24

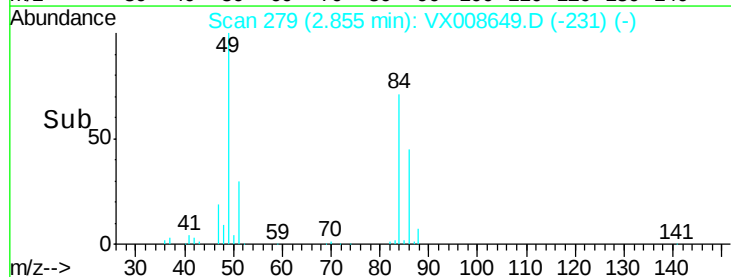
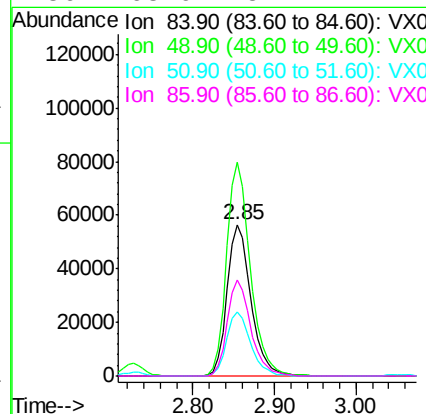
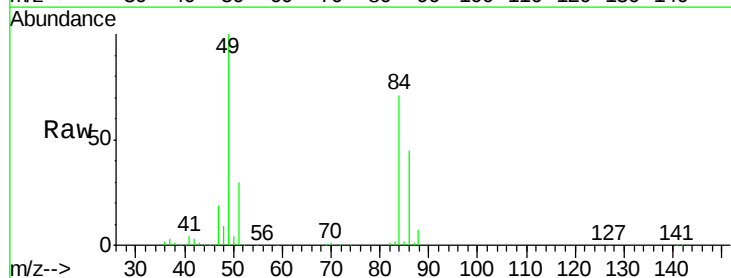
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

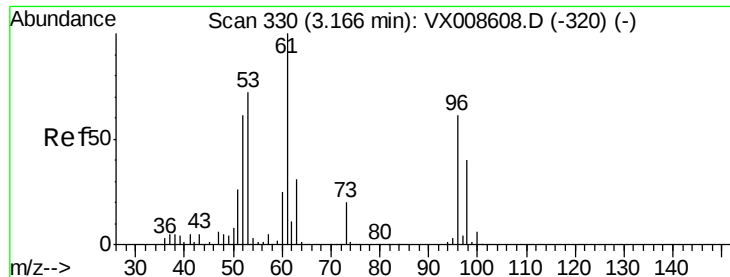
Tgt Ion: 73 Resp: 361619
Ion Ratio Lower Upper
73 100
57 23.6 19.5 29.3



#20
Methylene Chloride
Concen: 43.999 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008649.D
Acq: 04 Apr 2019 20:24

Tgt Ion: 84 Resp: 113809
Ion Ratio Lower Upper
84 100
49 141.2 109.7 164.5
51 42.3 33.6 50.4
86 63.9 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 43.317 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

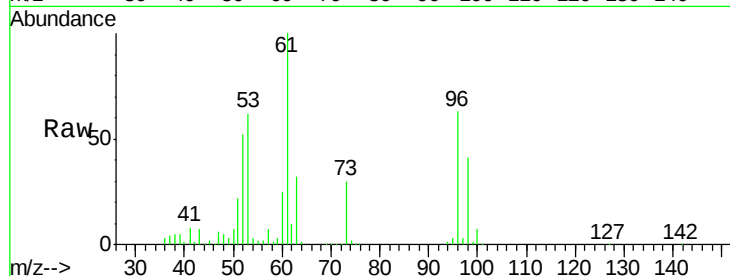
Tgt Ion: 96 Resp: 99637

Ion Ratio Lower Upper

96 100

61 159.4 132.1 198.1

98 64.6 52.2 78.2

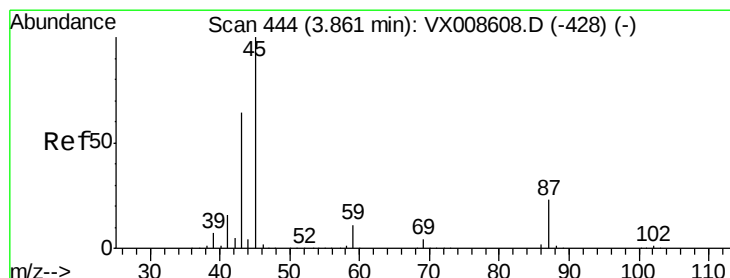
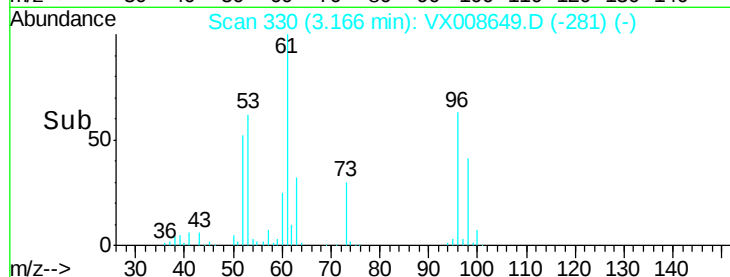
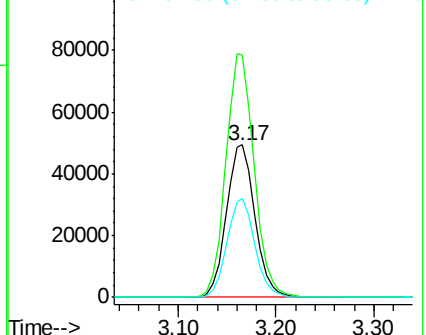


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 45.973 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Tgt Ion: 45 Resp: 431359

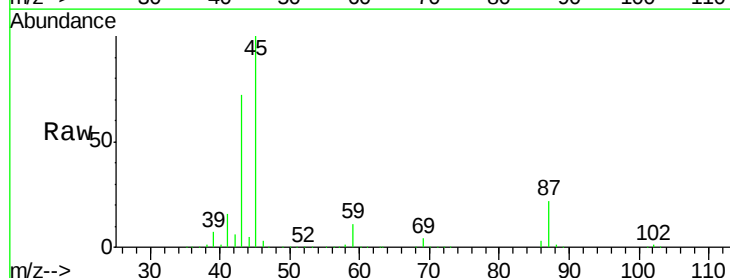
Ion Ratio Lower Upper

45 100

43 72.3 51.3 76.9

87 22.3 18.1 27.1

59 11.0 8.6 13.0



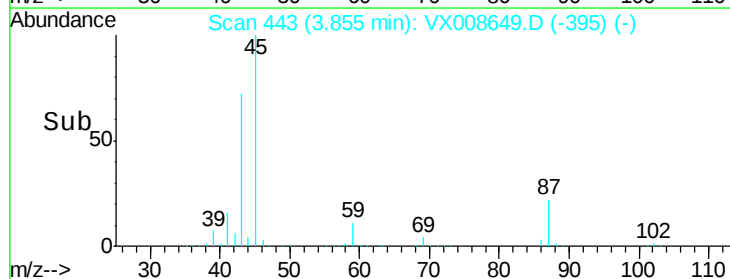
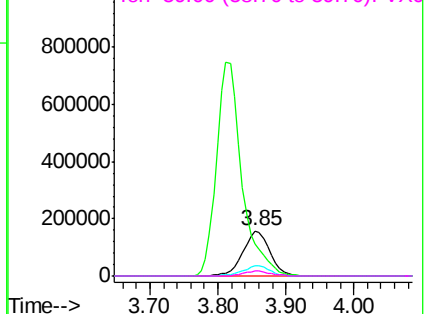
Abundance

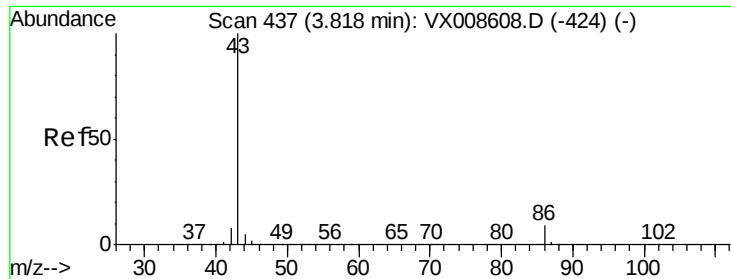
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 238.022 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

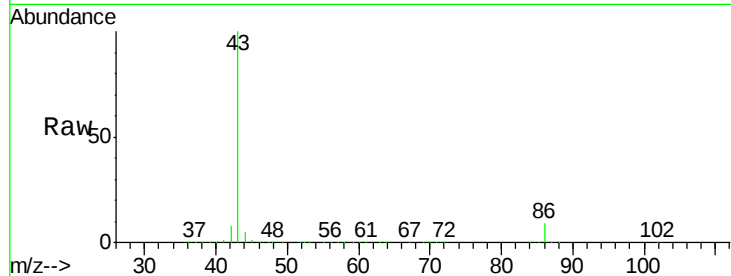
VSTDCCC050EC

Tgt Ion: 43 Resp: 1942877

Ion Ratio Lower Upper

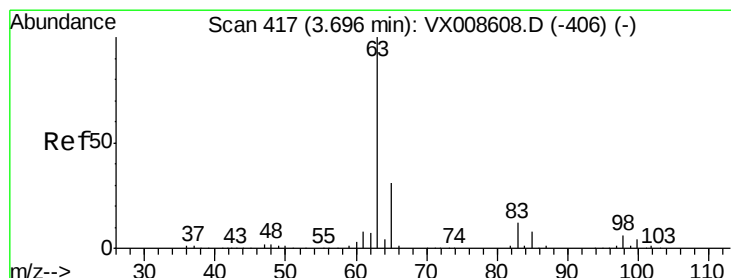
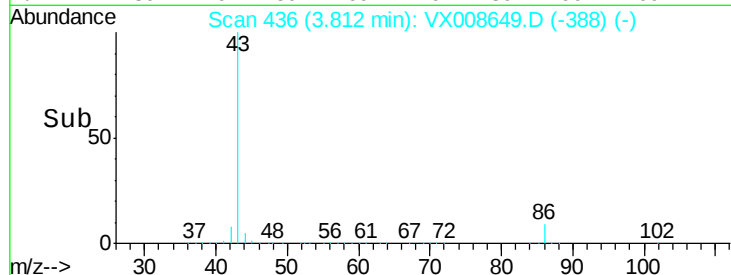
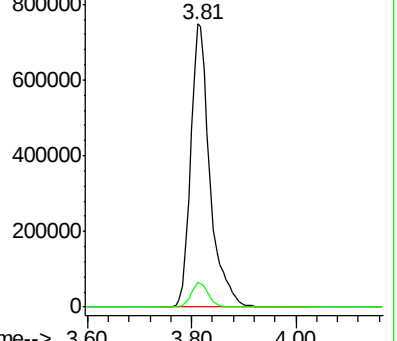
43 100

86 8.7 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.726 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

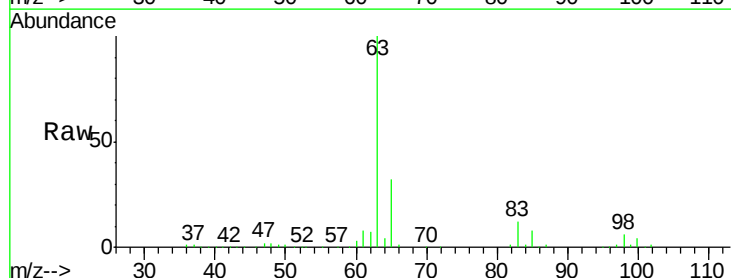
Tgt Ion: 63 Resp: 212427

Ion Ratio Lower Upper

63 100

98 5.8 2.8 8.4

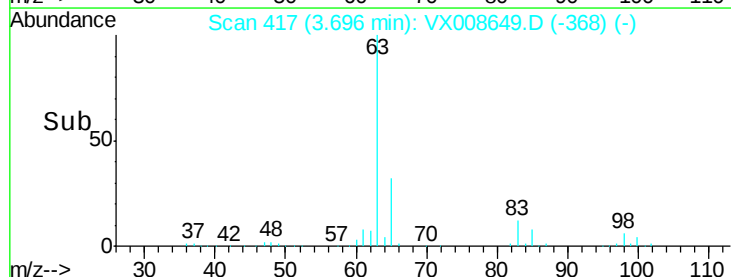
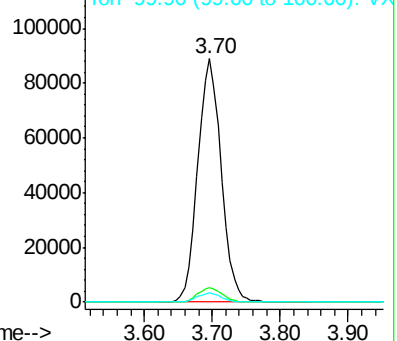
100 3.8 1.8 5.5

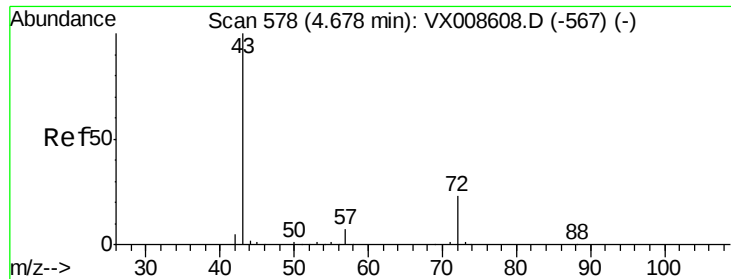


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 230.191 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

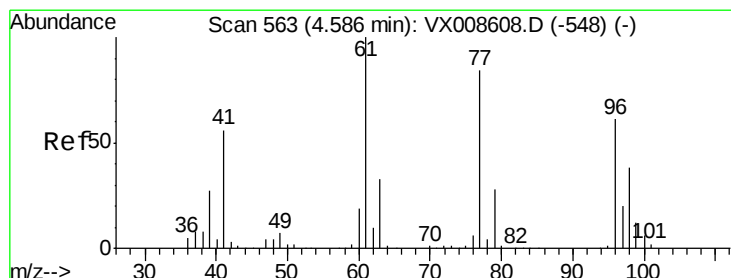
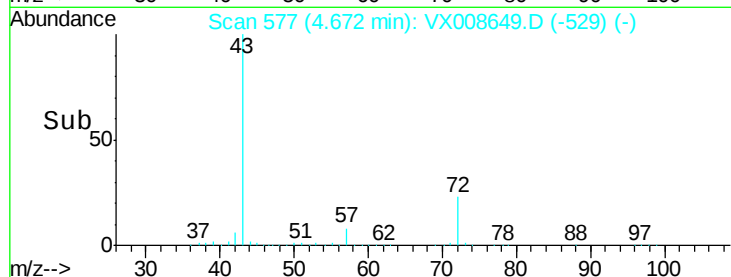
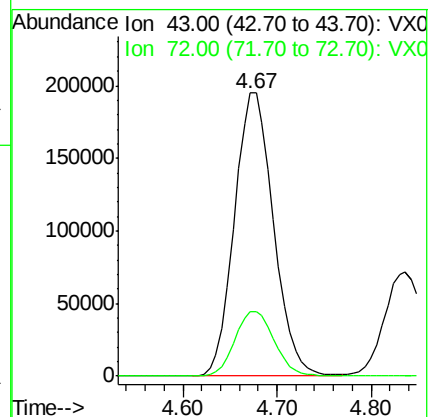
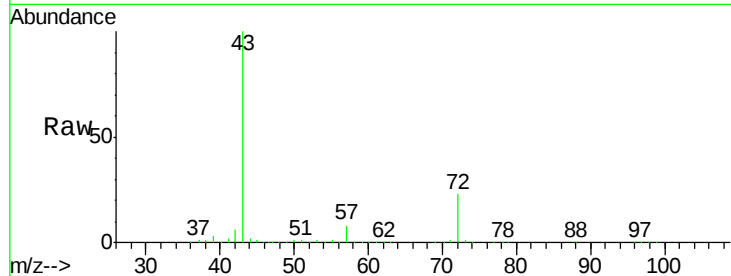
VSTDCCC050EC

Tgt Ion: 43 Resp: 562210

Ion Ratio Lower Upper

43 100

72 22.9 18.2 27.4



#26

2,2-Dichloropropane

Concen: 41.846 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008649.D

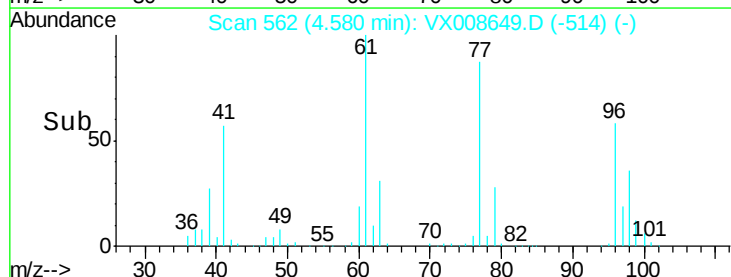
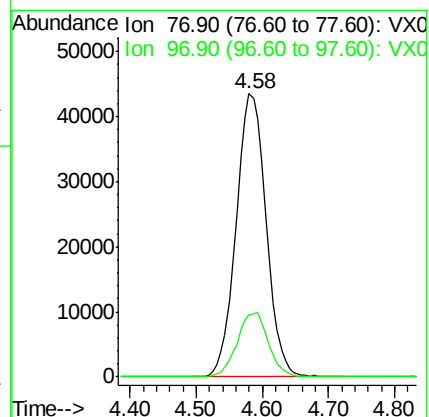
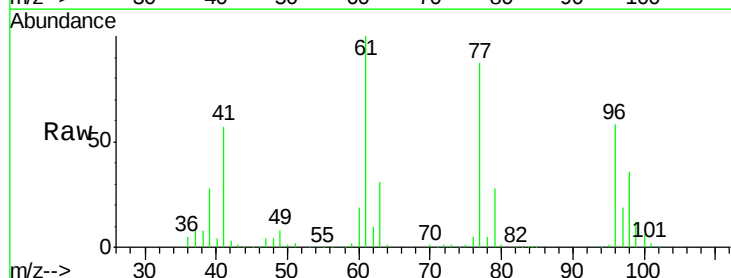
Acq: 04 Apr 2019 20:24

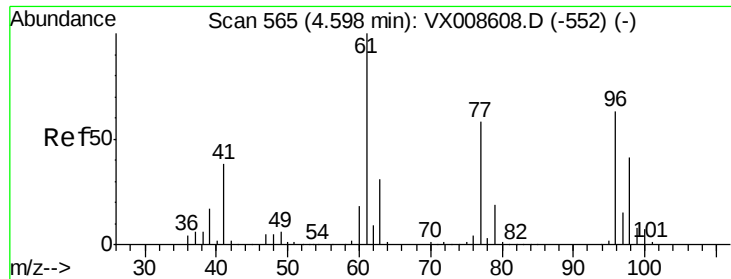
Tgt Ion: 77 Resp: 136921

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.5



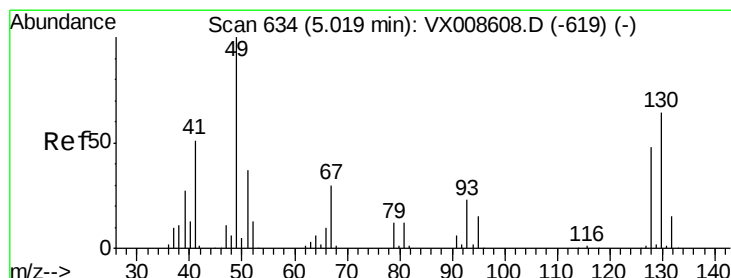
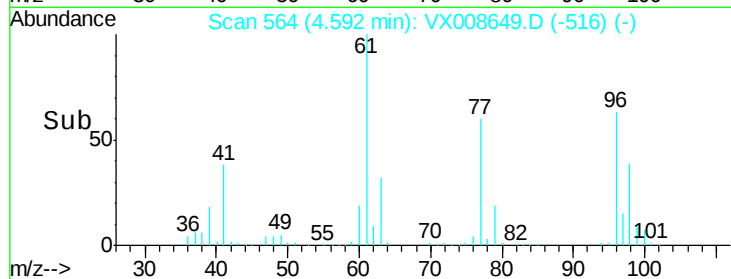
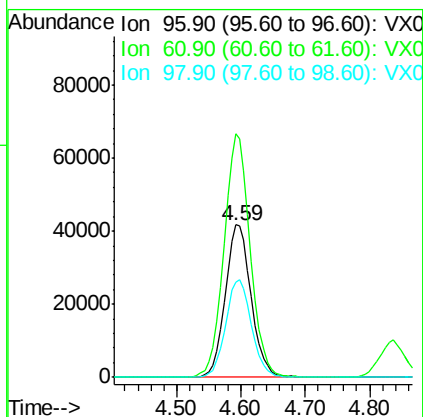
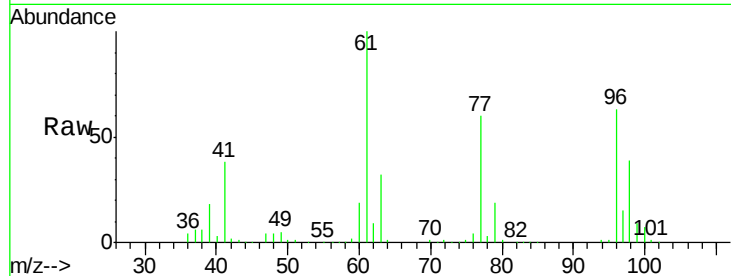


#27

cis-1,2-Dichloroethene
 Concen: 44.507 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

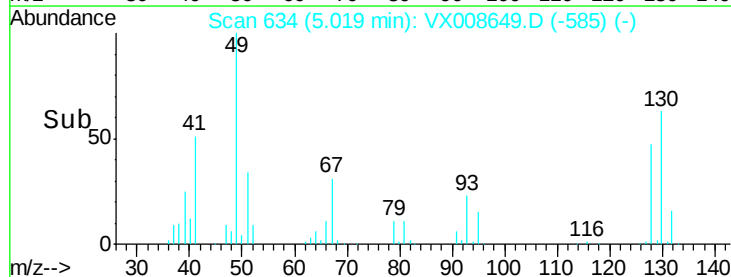
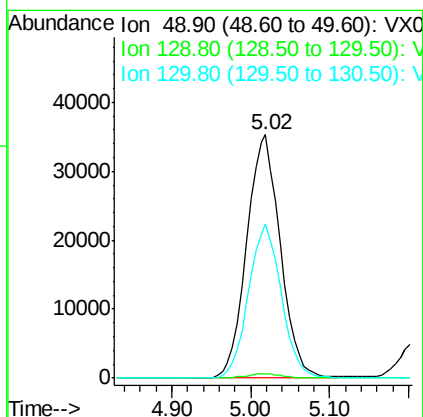
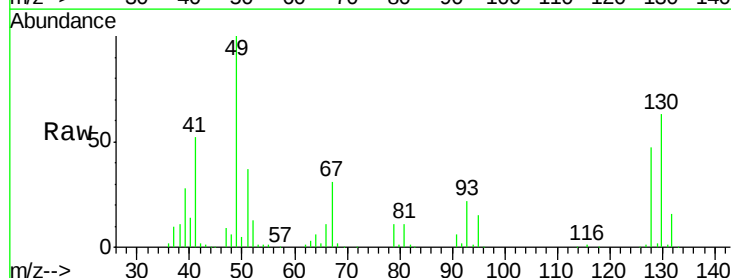
Tgt Ion: 96 Resp: 117704
 Ion Ratio Lower Upper
 96 100
 61 161.7 0.0 327.6
 98 64.2 0.0 128.6

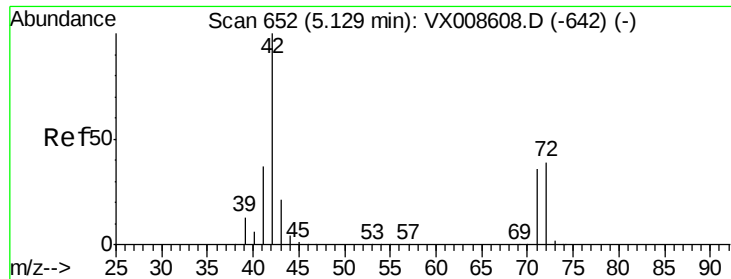


#28

Bromochloromethane
 Concen: 54.203 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

Tgt Ion: 49 Resp: 104692
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 61.9 49.3 73.9

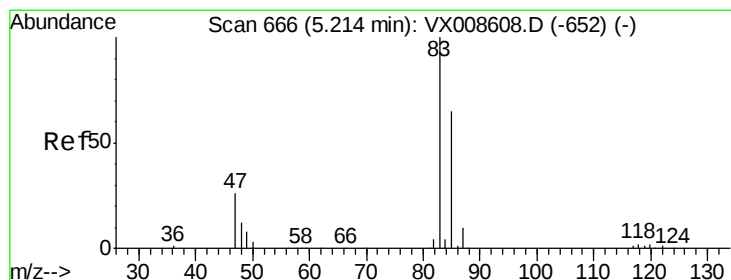
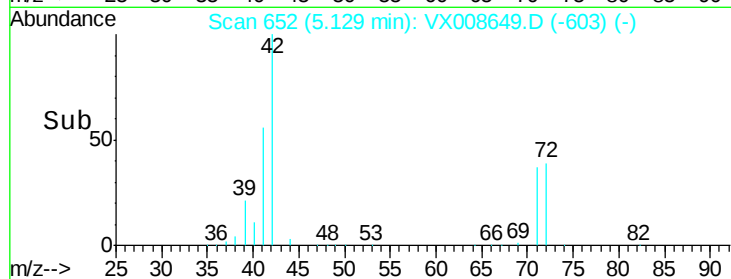
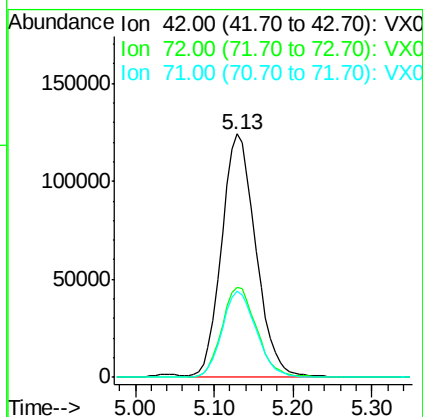
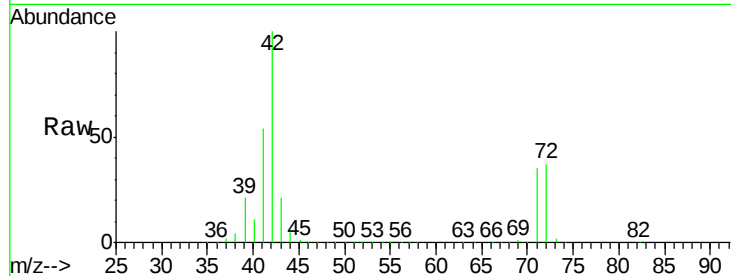




#29
Tetrahydrofuran
Concen: 229.726 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX008649.D
Acq: 04 Apr 2019 20:24

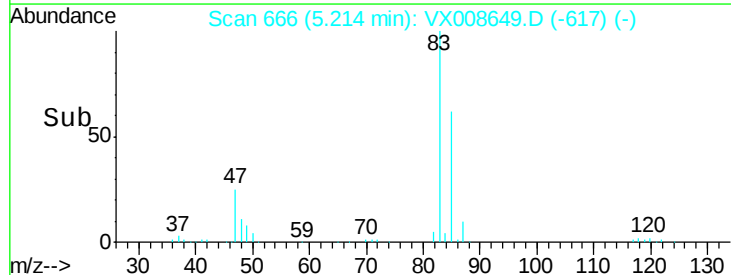
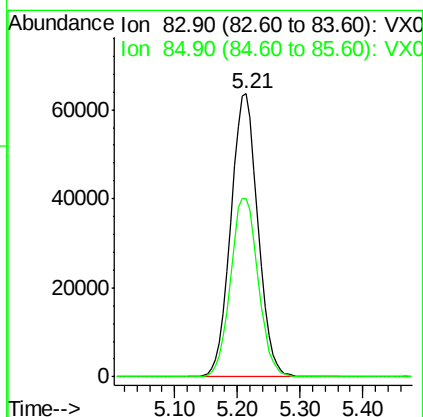
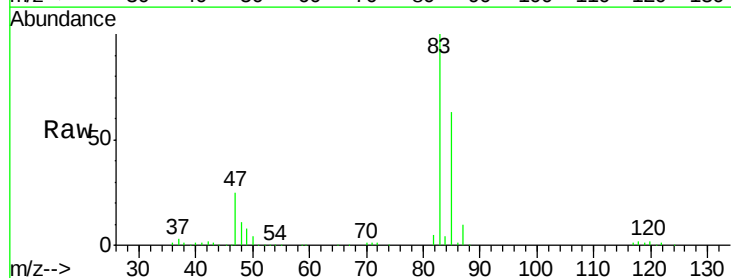
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

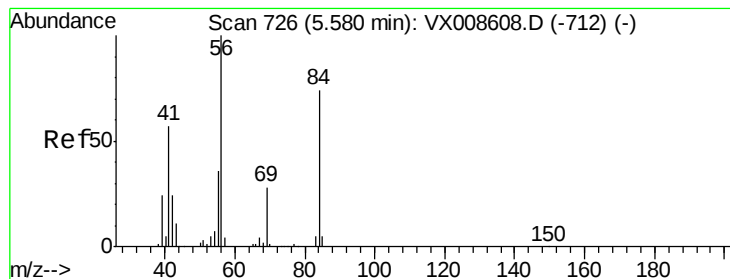
Tgt Ion: 42 Resp: 372398
Ion Ratio Lower Upper
42 100
72 37.9 30.5 45.7
71 35.7 28.6 43.0



#30
Chloroform
Concen: 45.821 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008649.D
Acq: 04 Apr 2019 20:24

Tgt Ion: 83 Resp: 190127
Ion Ratio Lower Upper
83 100
85 63.2 52.1 78.1





#31

Cyclohexane

Concen: 43.955 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

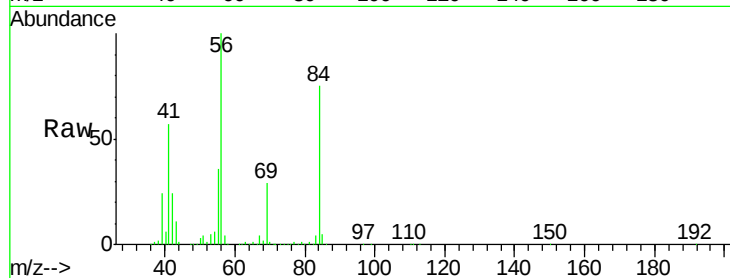
Tgt Ion: 56 Resp: 203753

Ion Ratio Lower Upper

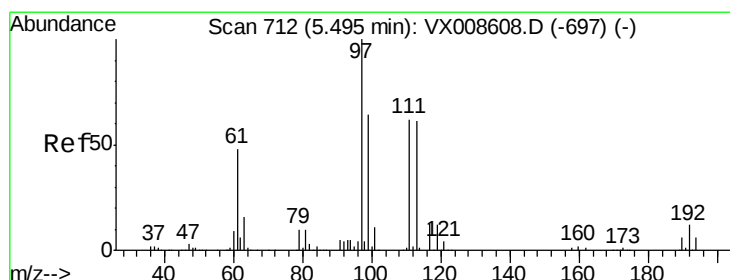
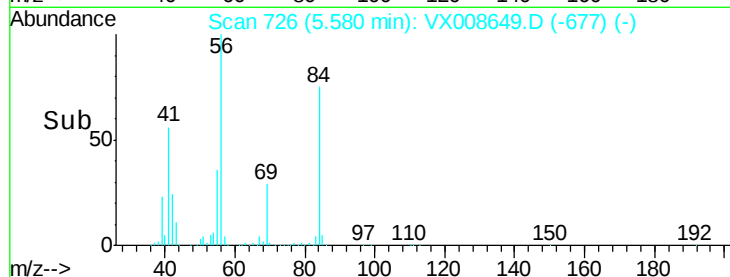
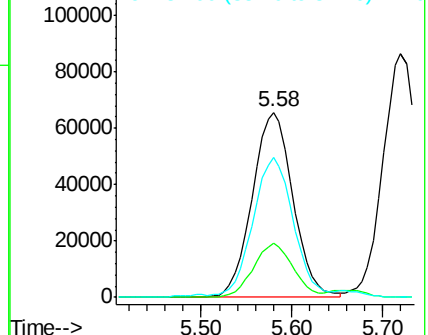
56 100

69 28.9 22.6 33.8

84 74.0 59.3 88.9



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



#32

1,1,1-Trichloroethane

Concen: 46.669 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

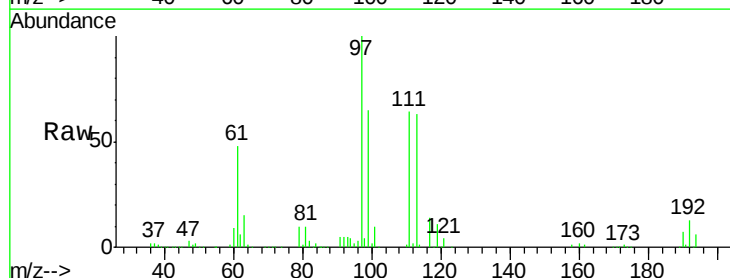
Tgt Ion: 97 Resp: 156482

Ion Ratio Lower Upper

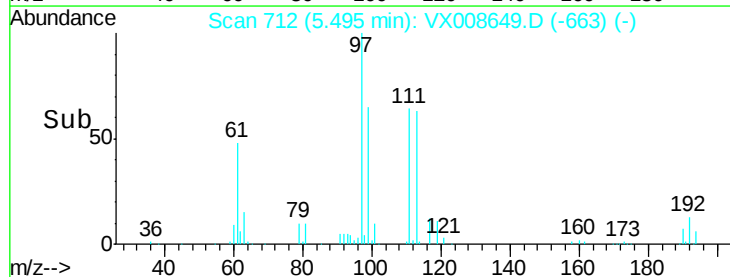
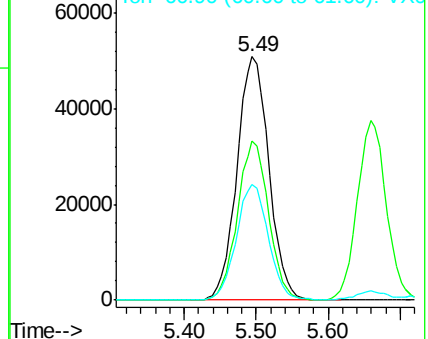
97 100

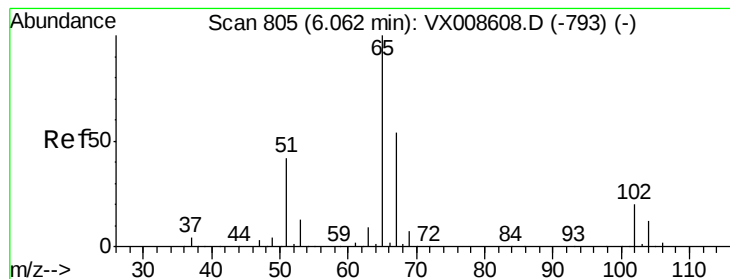
99 63.8 51.3 76.9

61 47.7 38.9 58.3



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





#33

1,2-Dichloroethane-d4

Concen: 46.848 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

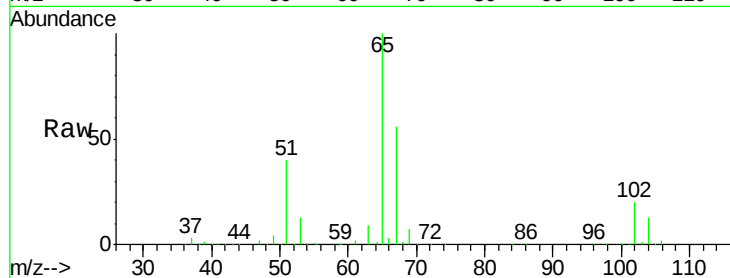
VSTDCCC050EC

Tgt Ion: 65 Resp: 125690

Ion Ratio Lower Upper

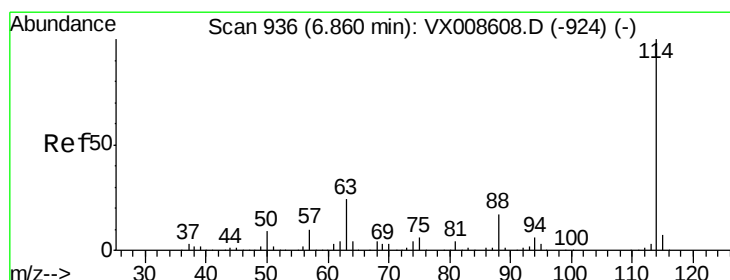
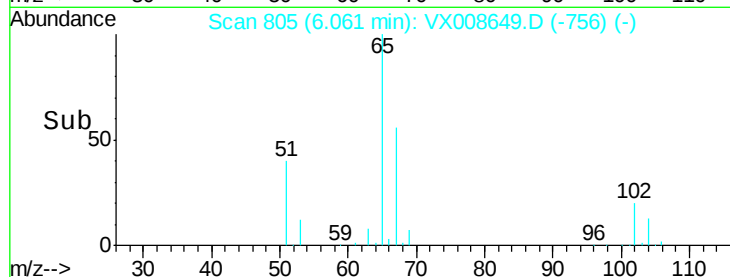
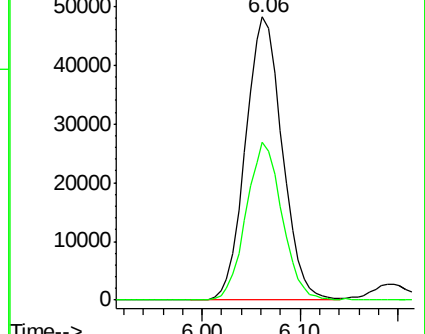
65 100

67 54.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

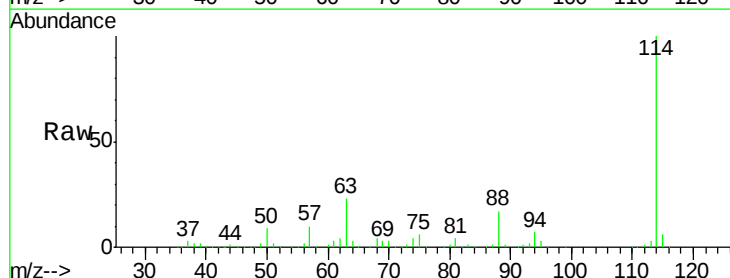
Tgt Ion: 114 Resp: 310578

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.2

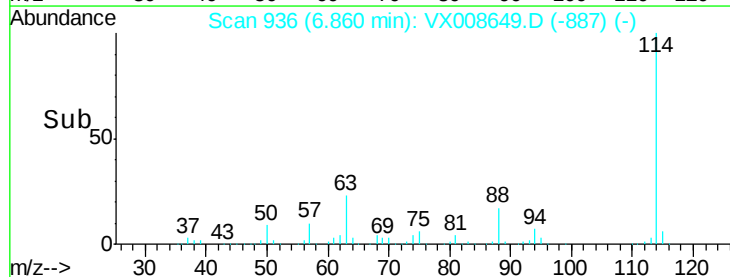
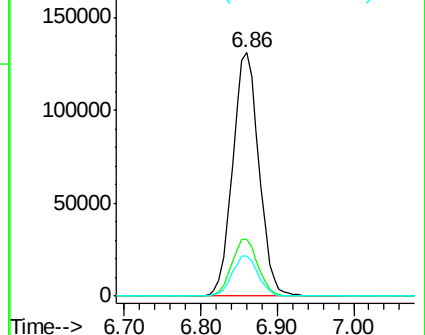
88 16.6 0.0 34.0

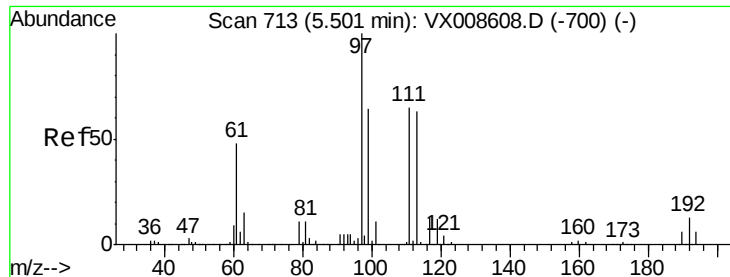


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.185 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

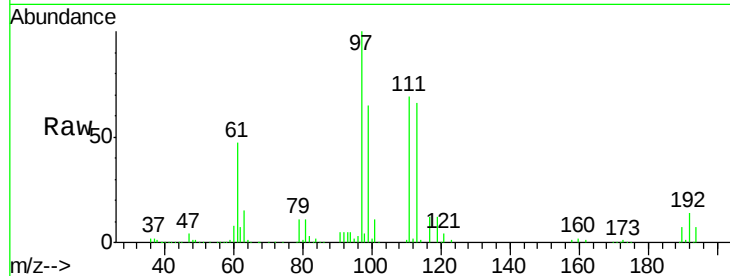
Tgt Ion:113 Resp: 93697

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

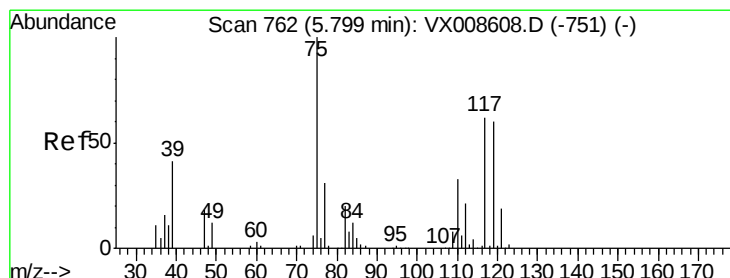
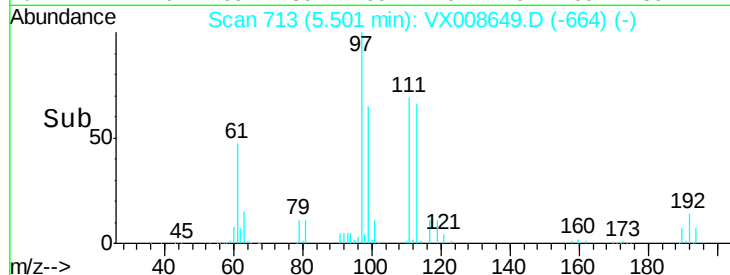
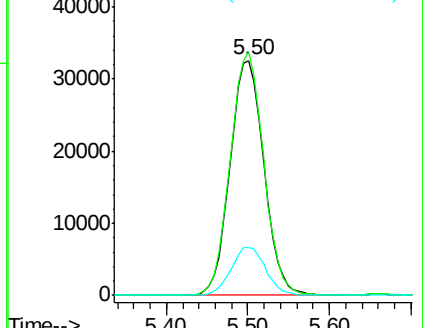
192 20.9 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.930 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

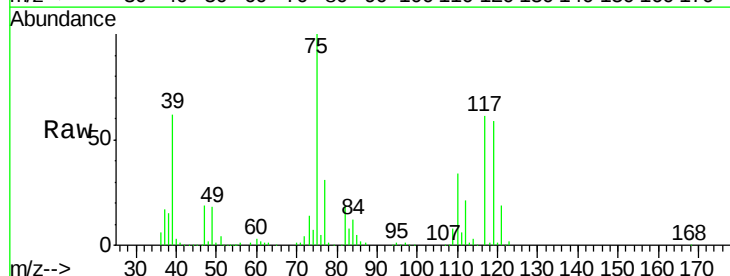
Tgt Ion: 75 Resp: 149140

Ion Ratio Lower Upper

75 100

110 32.7 16.4 49.2

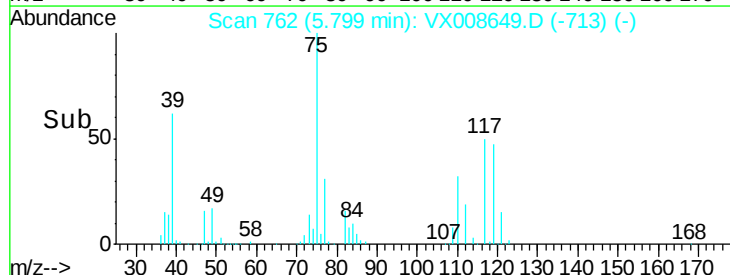
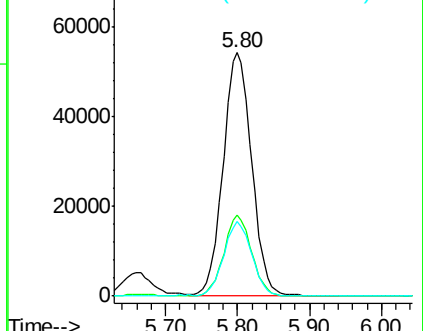
77 30.4 24.7 37.1

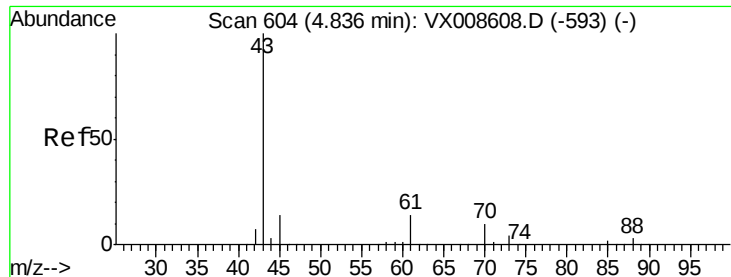


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

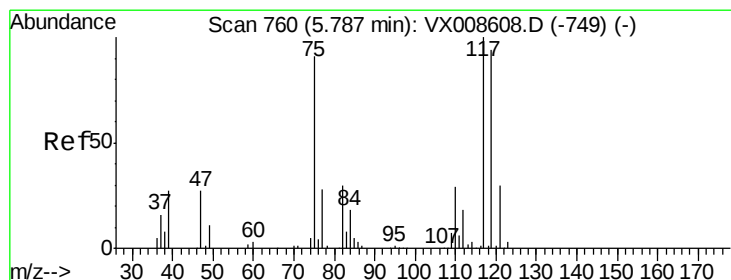
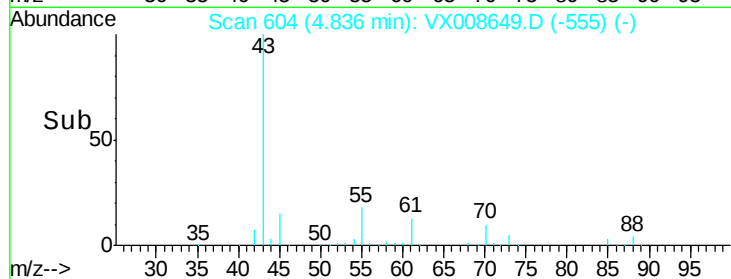
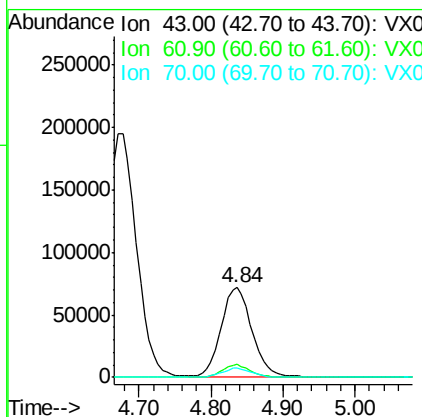
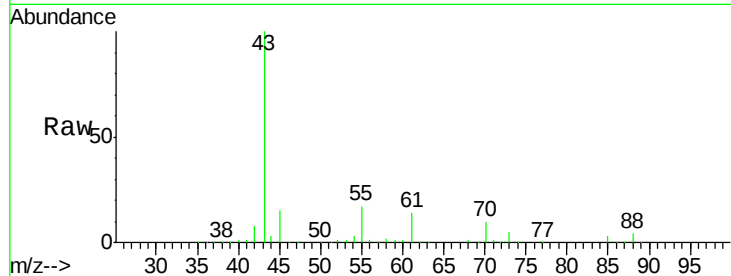




#37
 Ethyl Acetate
 Concen: 47.006 ug/l
 RT: 4.84 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

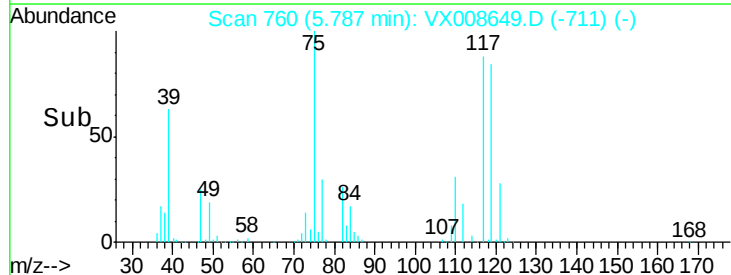
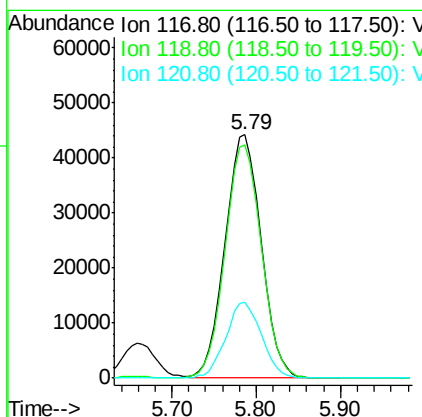
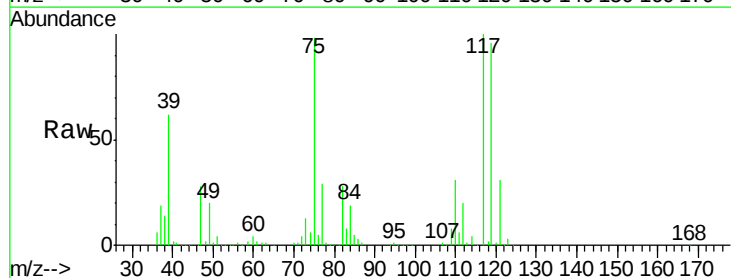
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 213007
 Ion Ratio Lower Upper
 43 100
 61 13.1 10.3 15.5
 70 9.7 7.6 11.4



#38
 Carbon Tetrachloride
 Concen: 46.067 ug/l
 RT: 5.79 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

Tgt Ion: 117 Resp: 129442
 Ion Ratio Lower Upper
 117 100
 119 95.6 75.0 112.6
 121 31.4 24.3 36.5

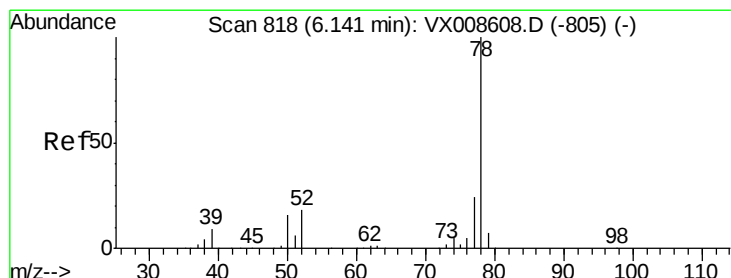
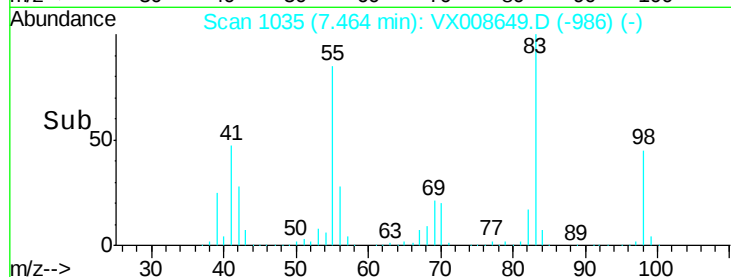
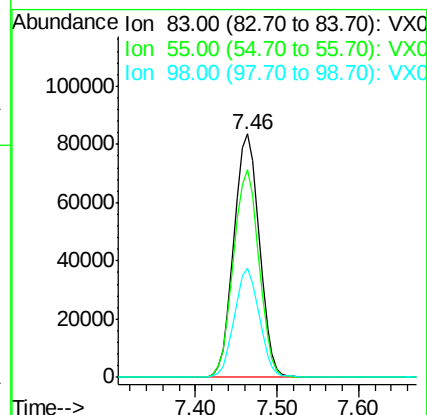
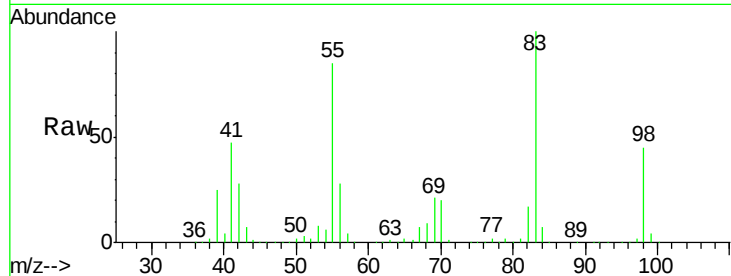




#39
Methylcyclohexane
Concen: 42.966 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008649.D
Acq: 04 Apr 2019 20:24

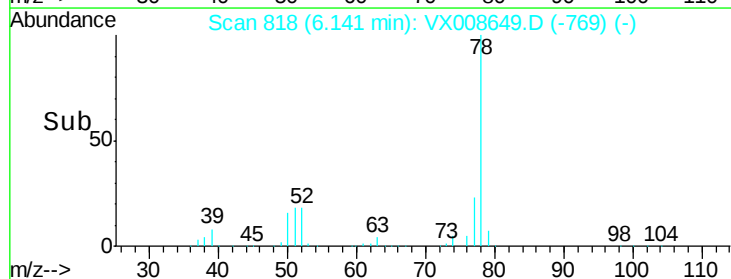
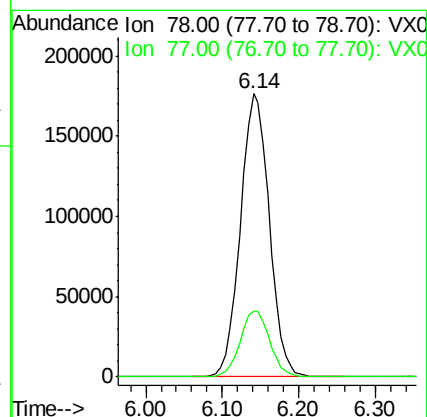
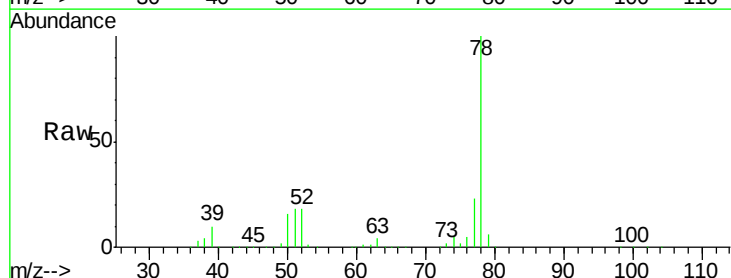
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 180192
Ion Ratio Lower Upper
83 100
55 85.2 69.0 103.6
98 44.6 34.4 51.6



#40
Benzene
Concen: 45.517 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008649.D
Acq: 04 Apr 2019 20:24

Tgt Ion: 78 Resp: 460353
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7





#41

Methacrylonitrile

Concen: 46.008 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 119839

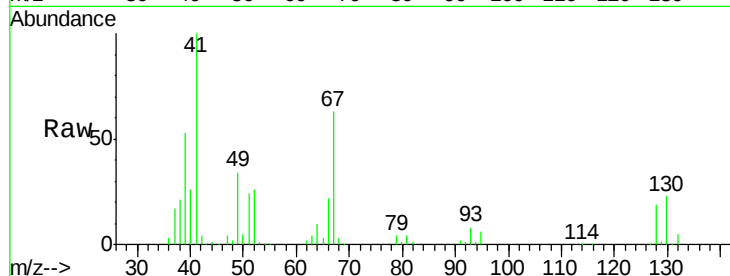
Ion Ratio Lower Upper

41 100

39 52.6 42.1 63.1

67 63.6 51.0 76.6

52 25.8 21.4 32.0

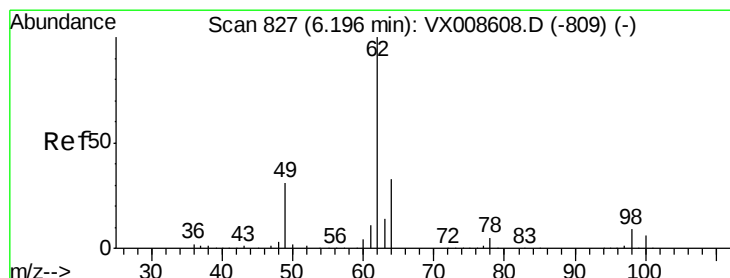
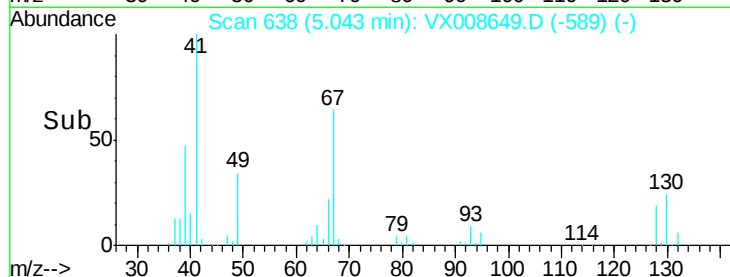
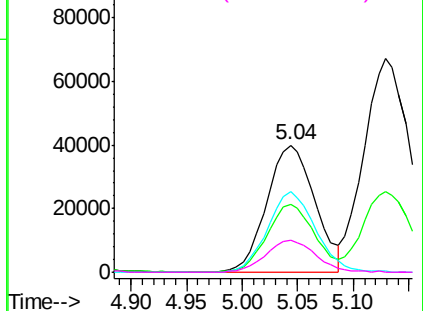


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 44.897 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX008649.D

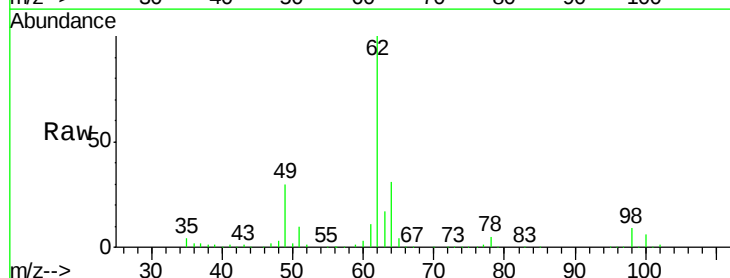
Acq: 04 Apr 2019 20:24

Tgt Ion: 62 Resp: 162790

Ion Ratio Lower Upper

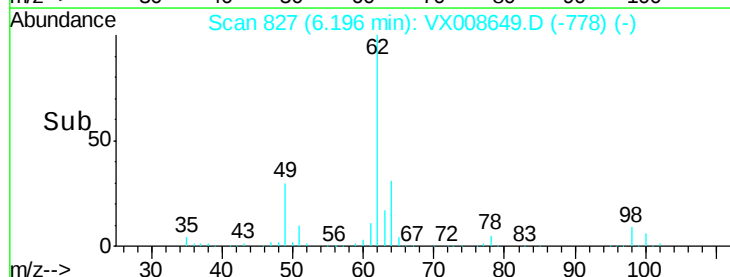
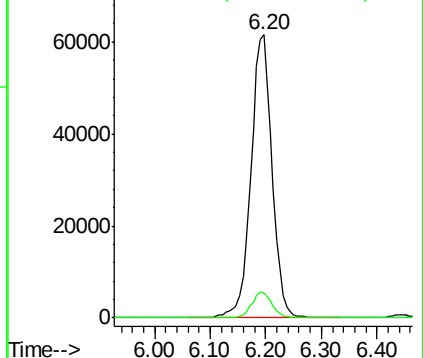
62 100

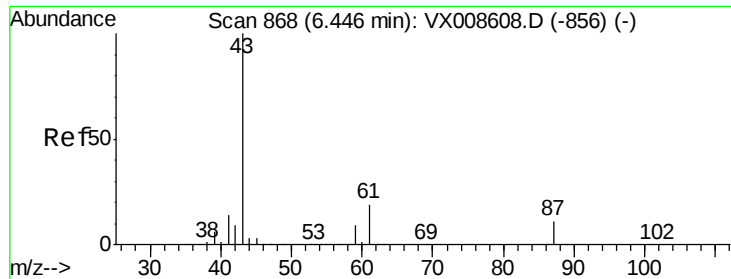
98 8.9 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.166 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

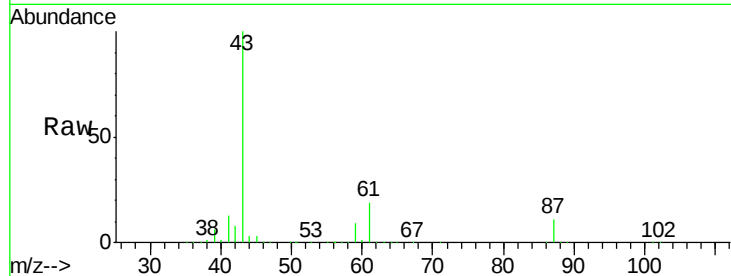
Tgt Ion: 43 Resp: 341916

Ion Ratio Lower Upper

43 100

61 19.0 15.3 22.9

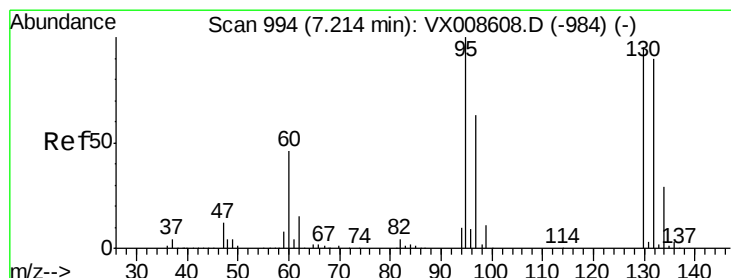
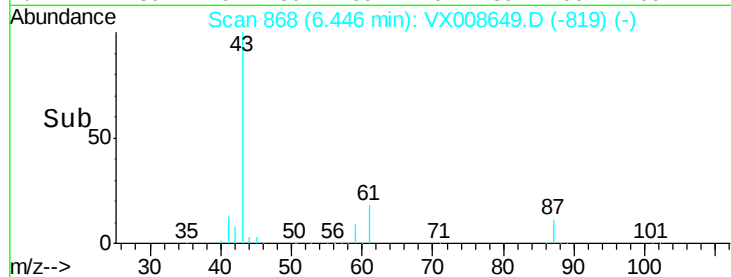
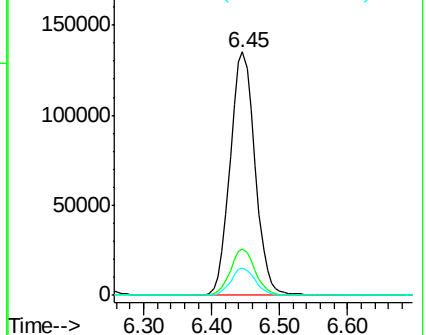
87 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 44.767 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008649.D

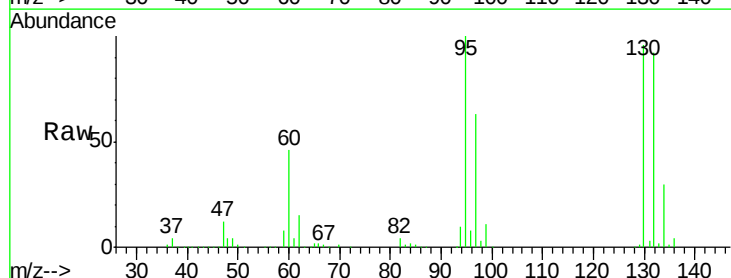
Acq: 04 Apr 2019 20:24

Tgt Ion: 130 Resp: 105452

Ion Ratio Lower Upper

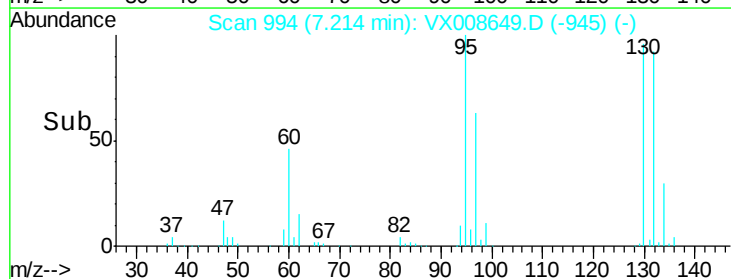
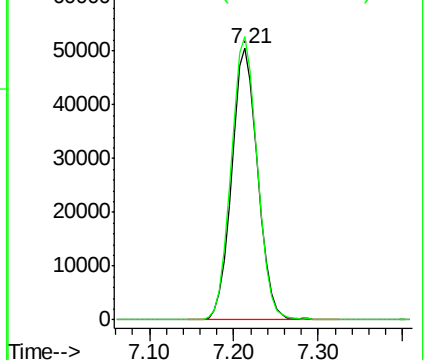
130 100

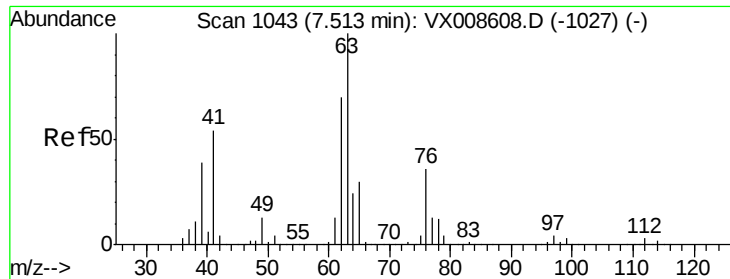
95 104.3 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 45.220 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

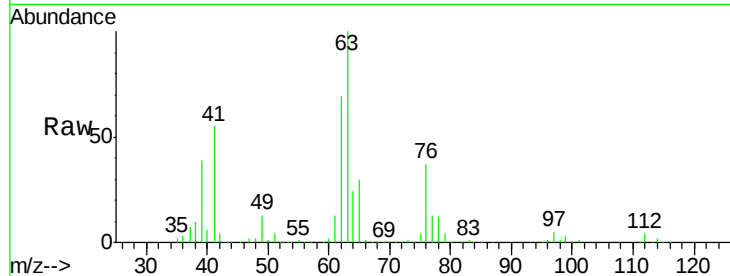
VSTDCCC050EC

Tgt Ion: 63 Resp: 130540

Ion Ratio Lower Upper

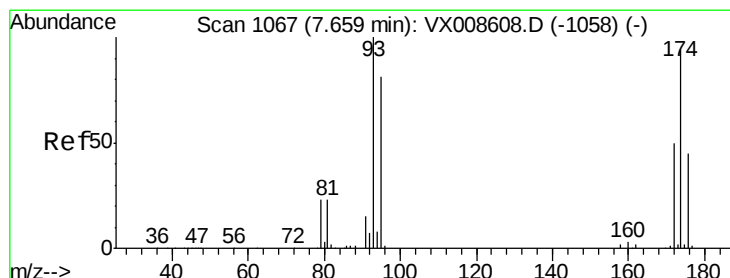
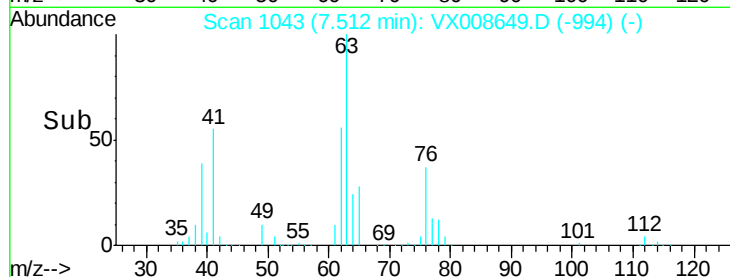
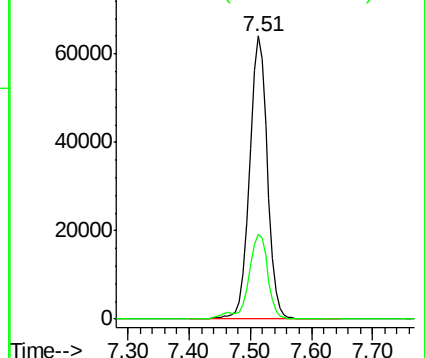
63 100

65 29.9 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 44.582 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

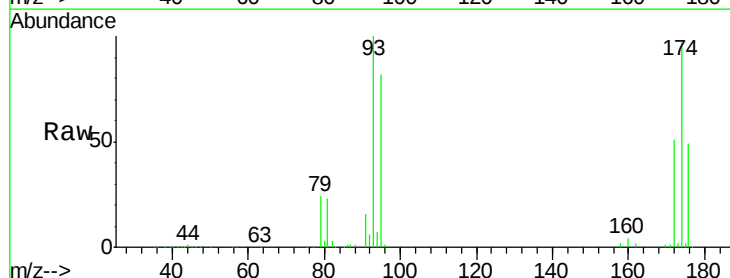
Tgt Ion: 93 Resp: 74643

Ion Ratio Lower Upper

93 100

95 82.5 66.6 99.8

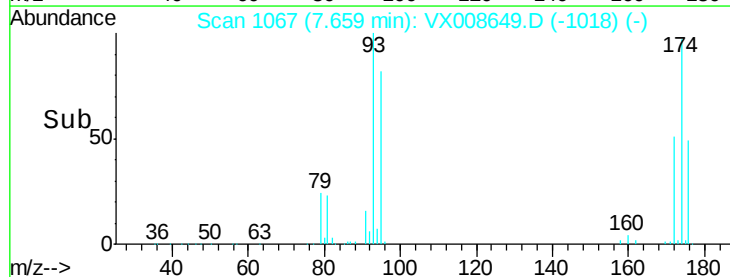
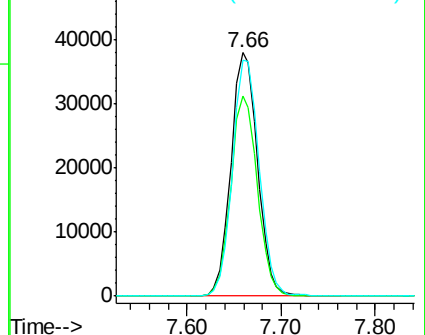
174 97.8 77.7 116.5

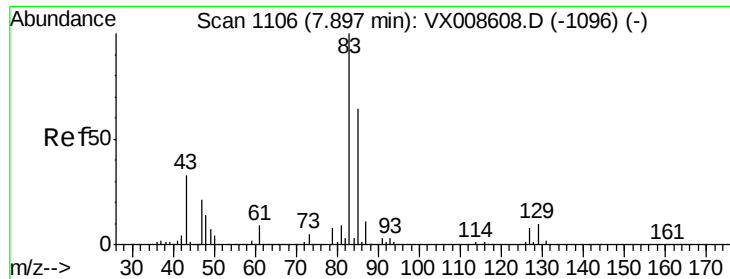


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.757 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

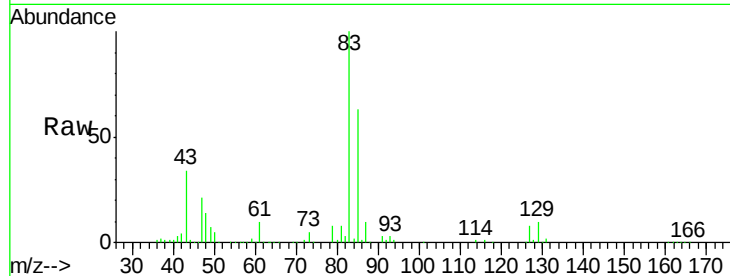
Tgt Ion: 83 Resp: 147604

Ion Ratio Lower Upper

83 100

85 63.0 51.2 76.8

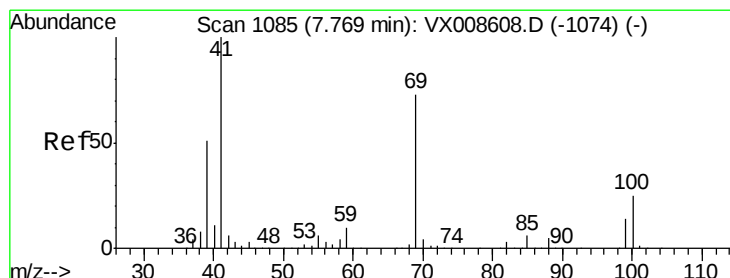
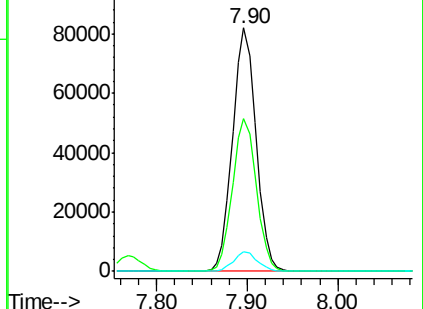
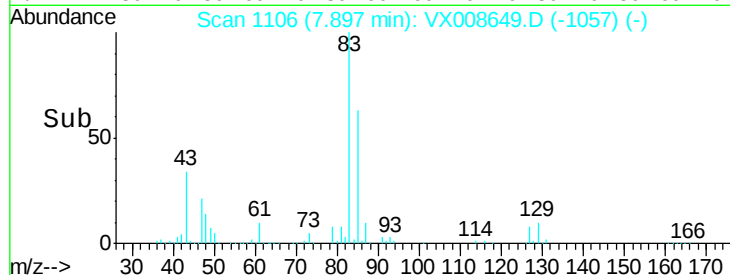
127 7.8 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.766 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

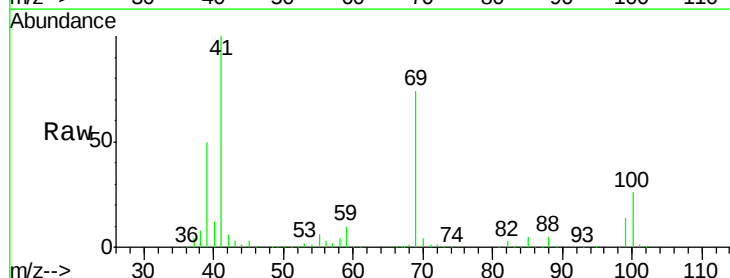
Tgt Ion: 41 Resp: 171519

Ion Ratio Lower Upper

41 100

69 73.8 59.0 88.4

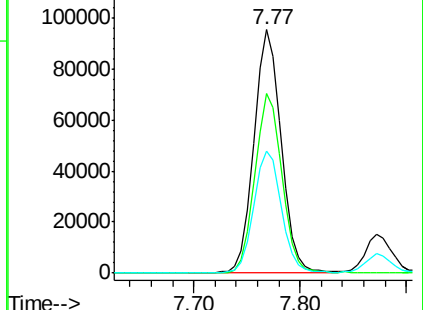
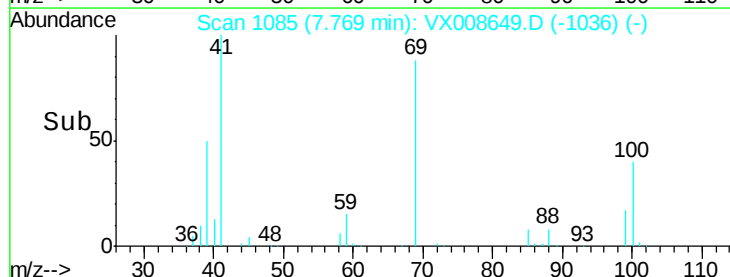
39 50.7 41.0 61.4

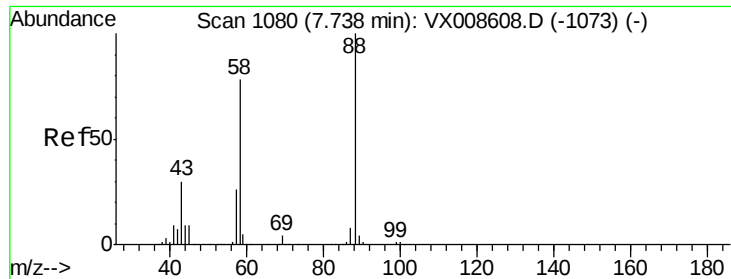


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

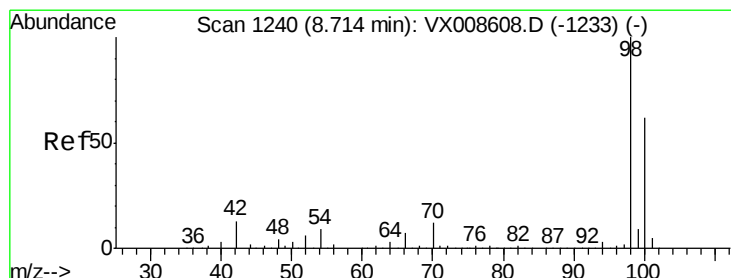
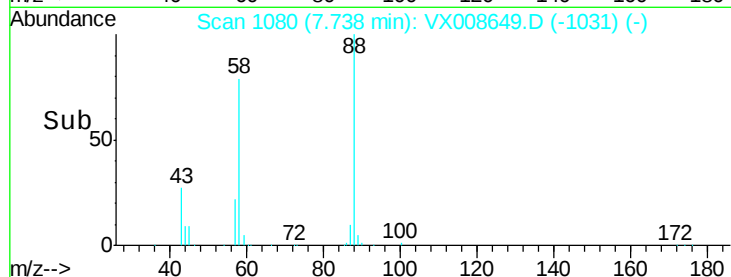
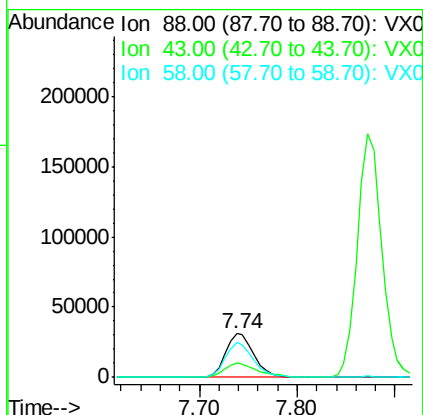
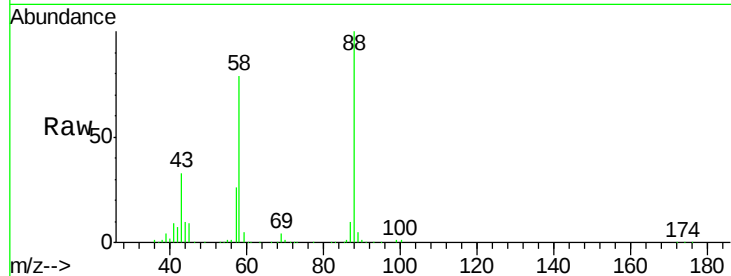




#49
 1,4-Dioxane
 Concen: 922.834 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

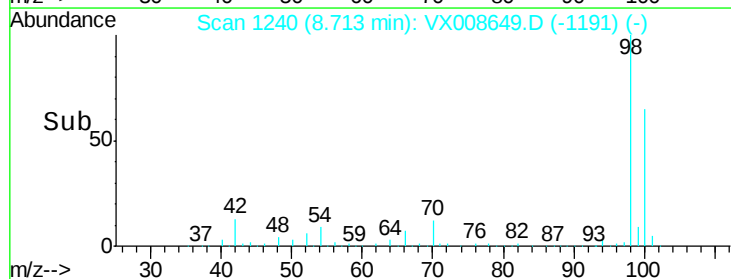
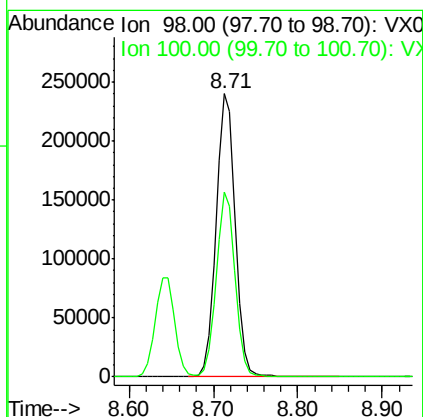
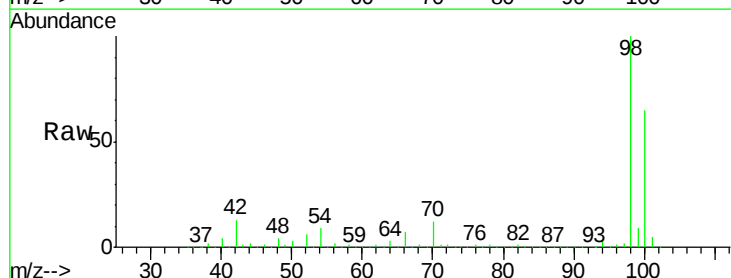
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

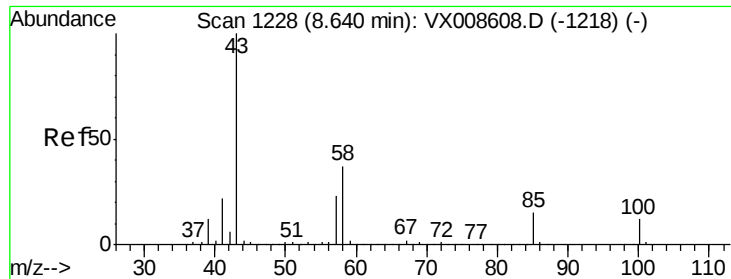
Tgt Ion: 88 Resp: 62076
 Ion Ratio Lower Upper
 88 100
 43 37.0 28.6 43.0
 58 80.2 62.2 93.2



#50
 Toluene-d8
 Concen: 47.627 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

Tgt Ion: 98 Resp: 376568
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.4 77.0

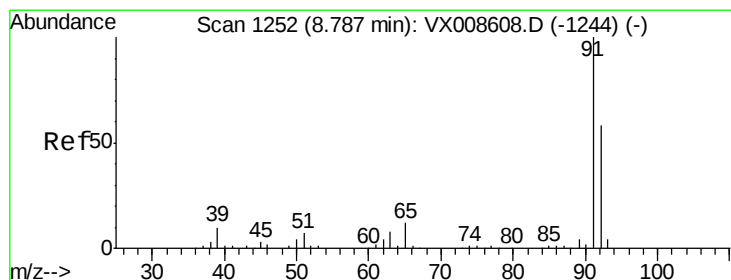
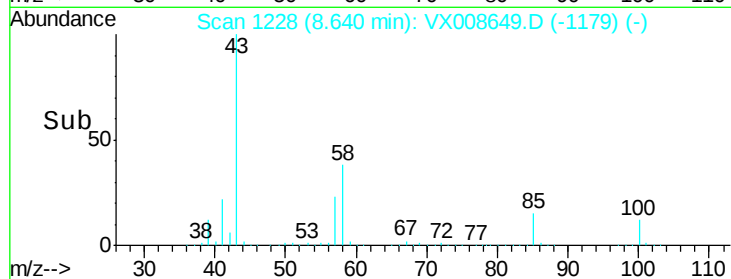
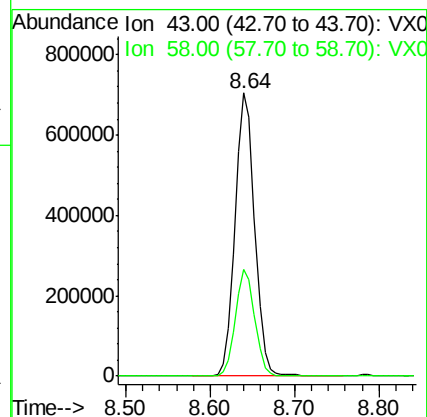
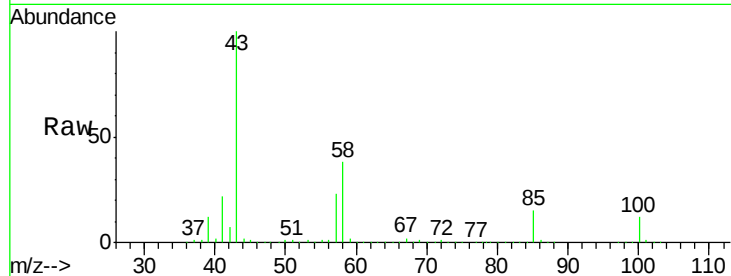




#51
 4-Methyl-2-Pentanone
 Concen: 243.775 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

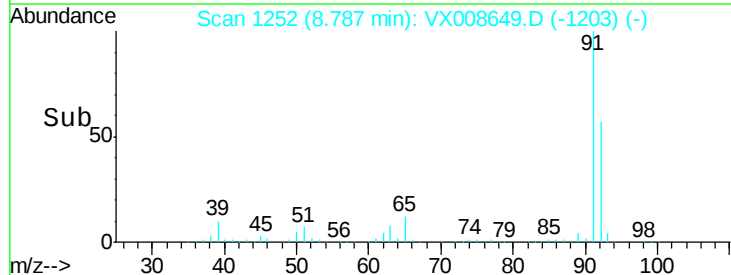
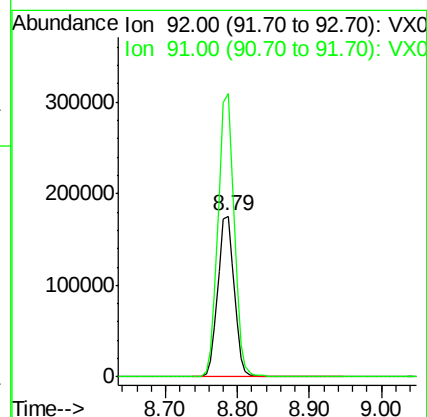
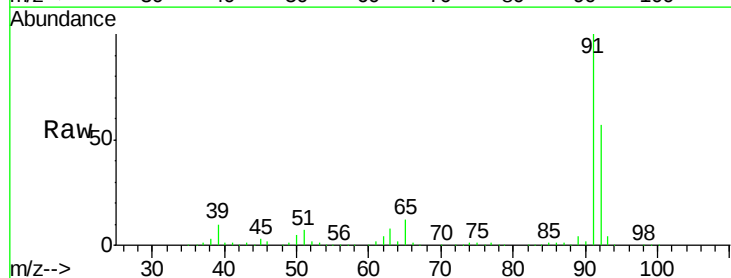
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

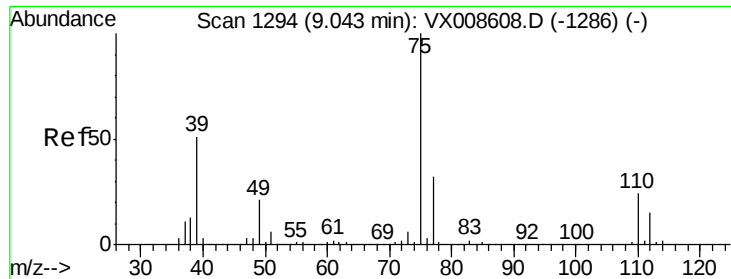
Tgt Ion: 43 Resp: 1113965
 Ion Ratio Lower Upper
 43 100
 58 37.2 29.5 44.3



#52
 Toluene
 Concen: 46.459 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

Tgt Ion: 92 Resp: 277022
 Ion Ratio Lower Upper
 92 100
 91 174.0 138.5 207.7

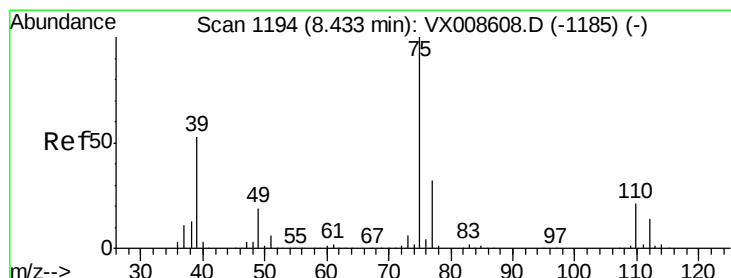
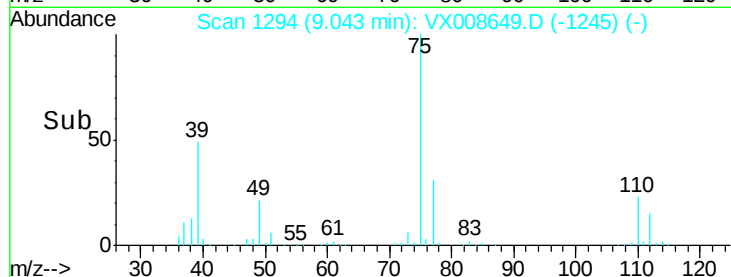
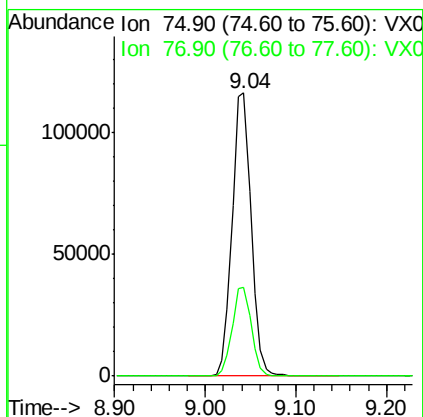
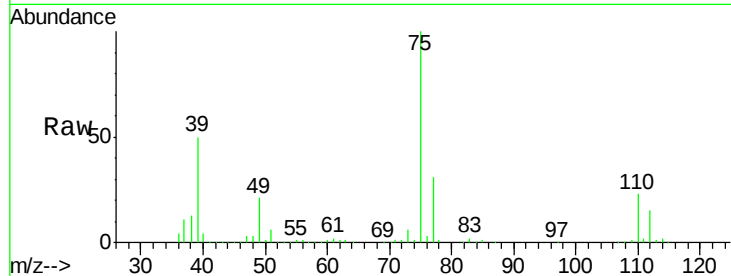




#53
 t-1,3-Dichloropropene
 Concen: 47.950 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

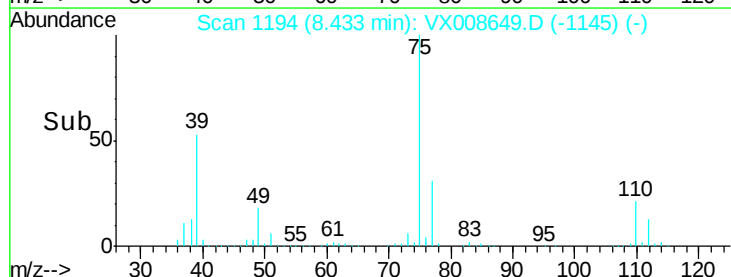
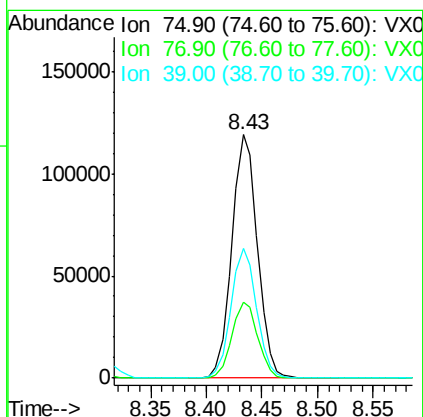
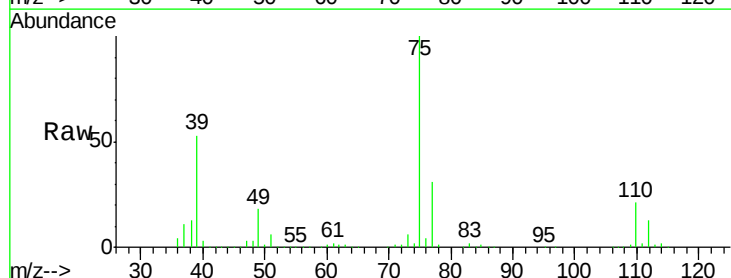
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

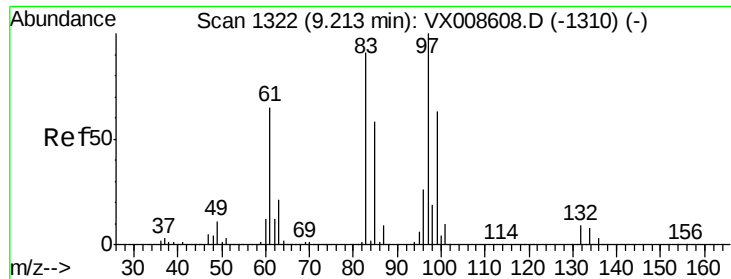
Tgt Ion: 75 Resp: 169560
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 46.826 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

Tgt Ion: 75 Resp: 189206
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9
 39 53.0 42.6 63.8

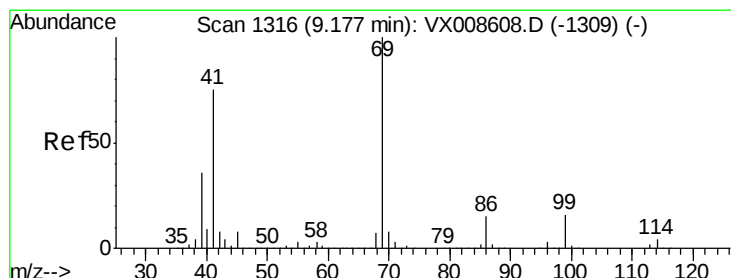
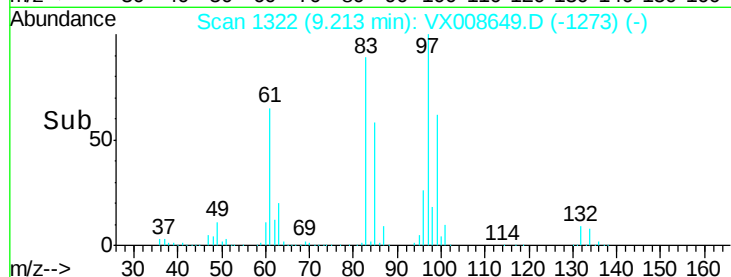
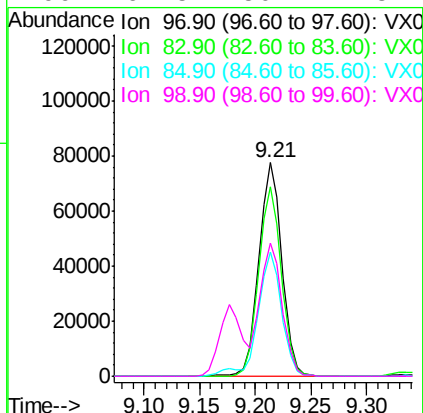
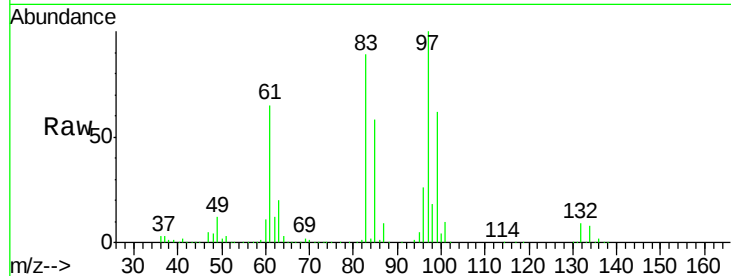




#55
 1,1,2-Trichloroethane
 Concen: 46.816 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

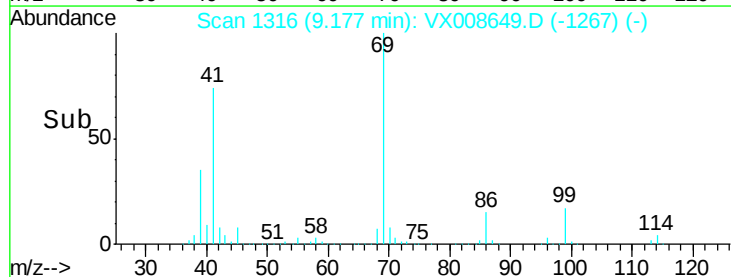
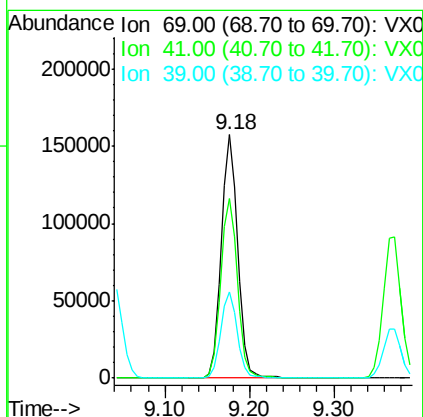
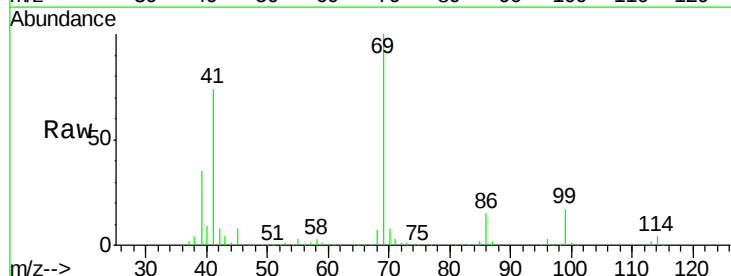
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

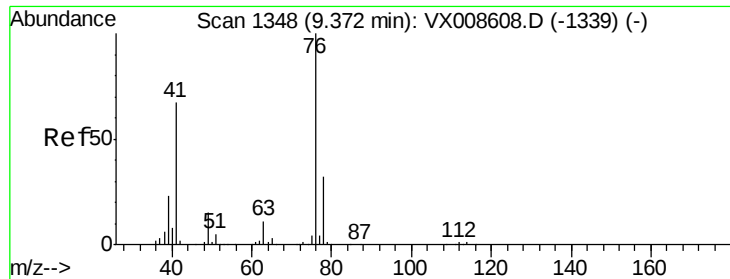
Tgt Ion:	97	Resp:	112052
Ion	Ratio	Lower	Upper
97	100		
83	88.8	73.2	109.8
85	58.2	46.6	69.8
99	62.5	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 49.452 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

Tgt Ion:	69	Resp:	214152
Ion	Ratio	Lower	Upper
69	100		
41	75.1	60.1	90.1
39	35.1	28.9	43.3





#57

1,3-Dichloropropane

Concen: 46.456 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

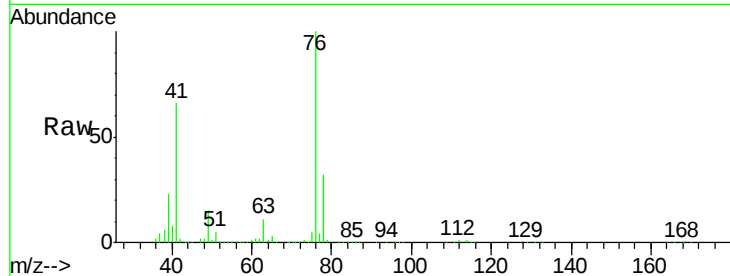
VSTDCCC050EC

Tgt Ion: 76 Resp: 199662

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

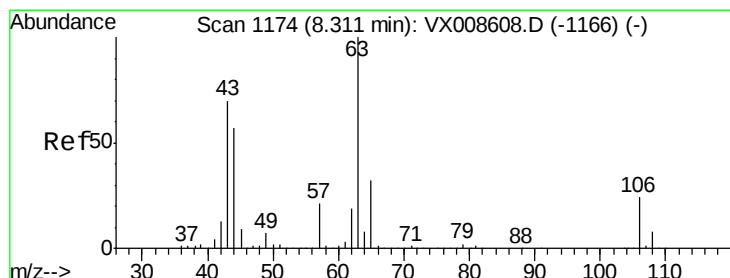
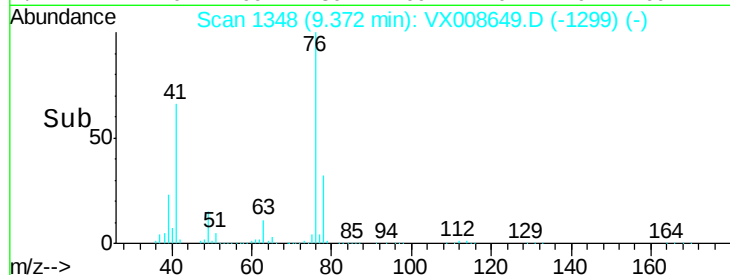
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 240.898 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008649.D

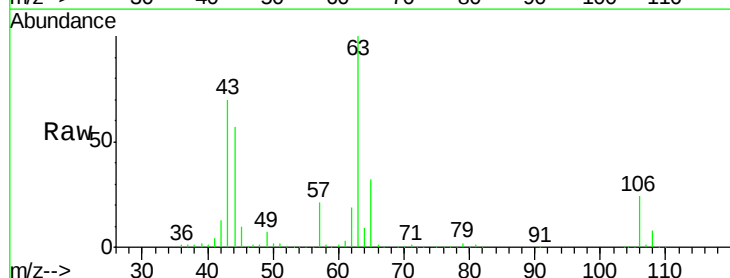
Acq: 04 Apr 2019 20:24

Tgt Ion: 63 Resp: 532686

Ion Ratio Lower Upper

63 100

106 24.2 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

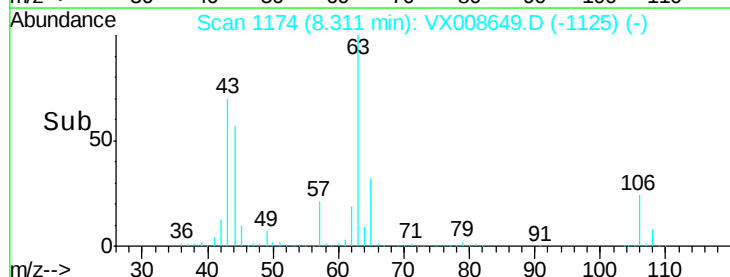
300000

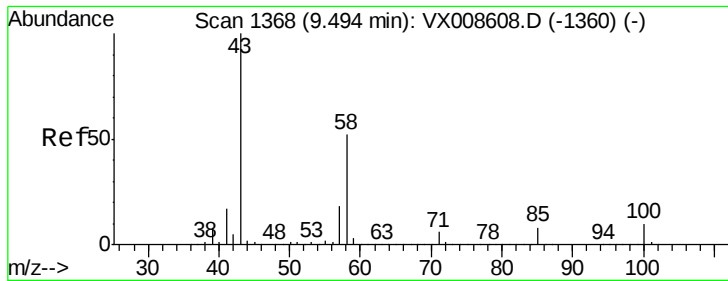
200000

100000

0

Time-->





#59

2-Hexanone

Concen: 238.256 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

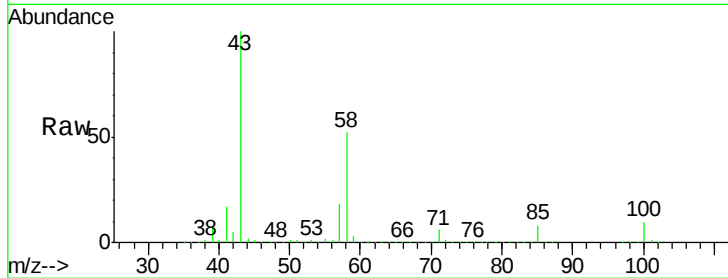
VSTDCCC050EC

Tgt Ion: 43 Resp: 846117

Ion Ratio Lower Upper

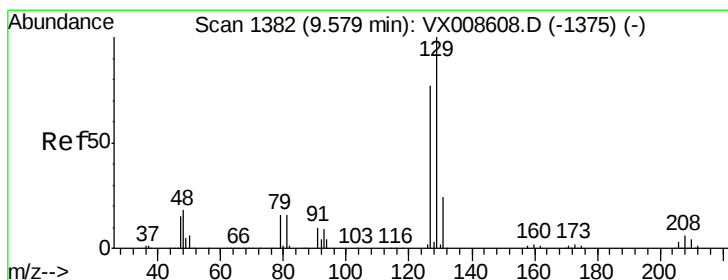
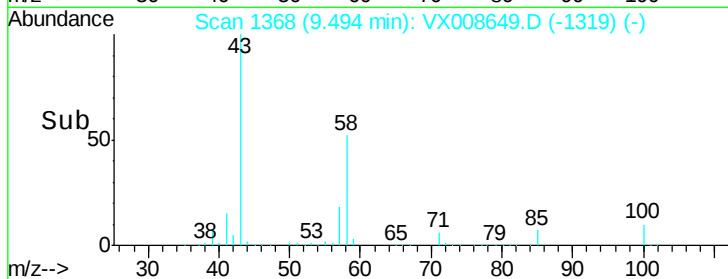
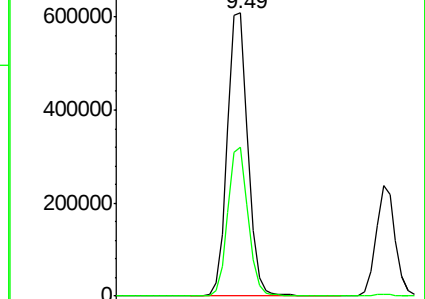
43 100

58 52.0 25.9 77.7



Abundance Ion 43.00 (42.70 to 43.70): VX008608.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VX008608.D (-1360) (-)



#60

Dibromochloromethane

Concen: 48.403 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008649.D

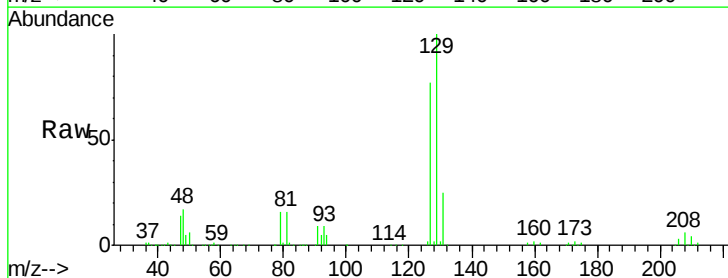
Acq: 04 Apr 2019 20:24

Tgt Ion: 129 Resp: 109168

Ion Ratio Lower Upper

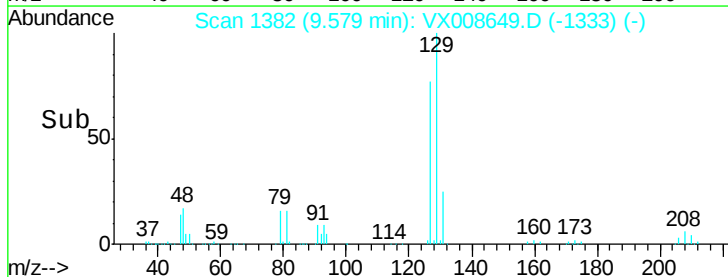
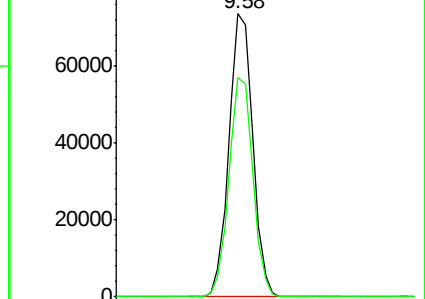
129 100

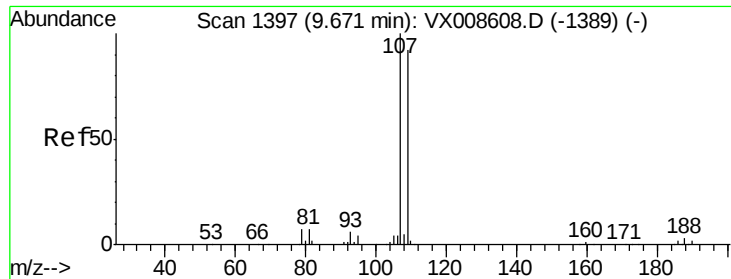
127 77.9 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): VX008608.D (-1375) (-)

Ion 126.80 (126.50 to 127.50): VX008608.D (-1375) (-)





#61

1,2-Dibromoethane

Concen: 46.349 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

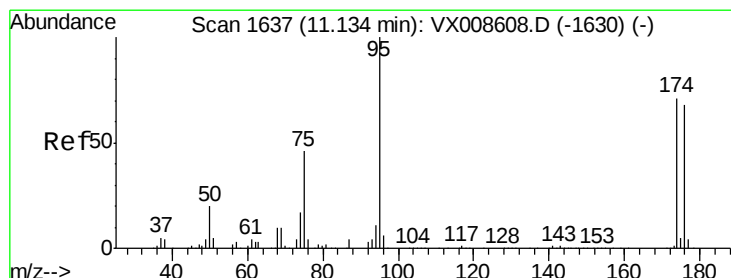
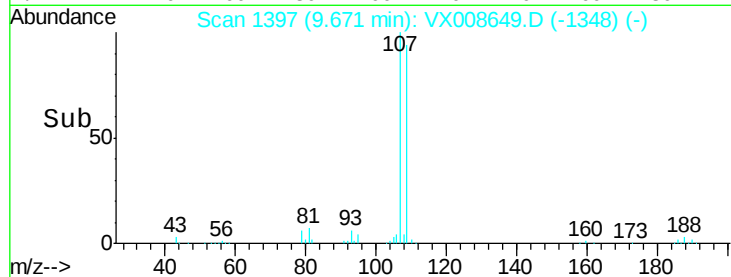
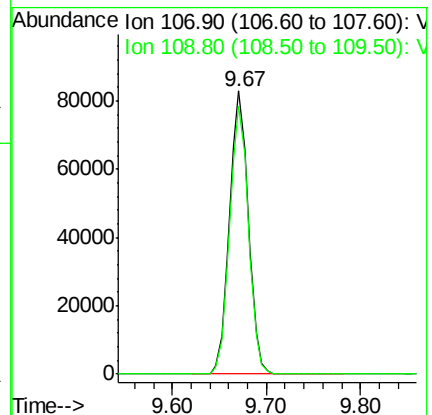
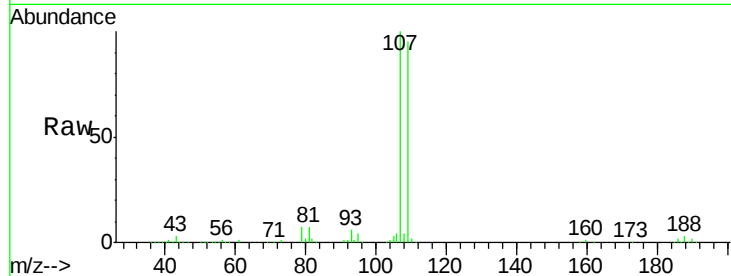
VSTDCCC050EC

Tgt Ion: 107 Resp: 115488

Ion Ratio Lower Upper

107 100

109 95.0 74.1 111.1



#62

4-Bromofluorobenzene

Concen: 48.698 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

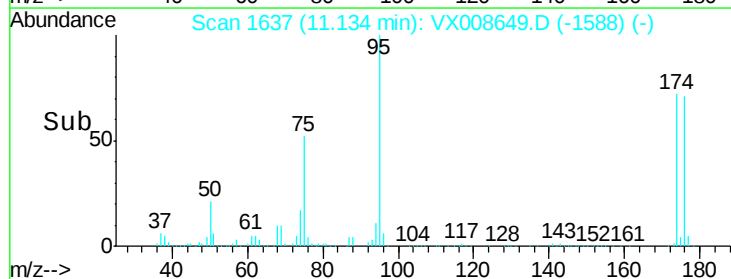
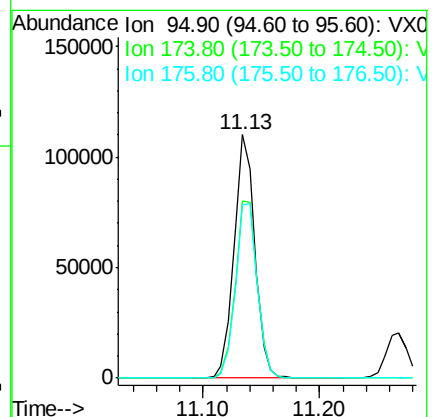
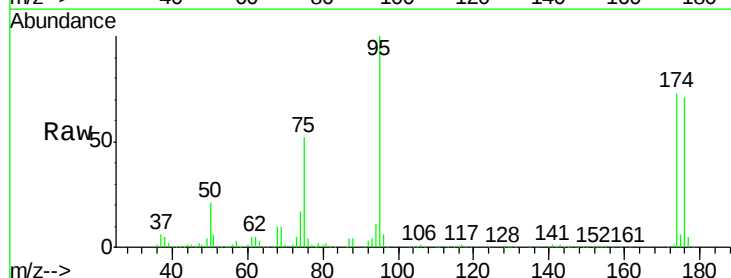
Tgt Ion: 95 Resp: 136541

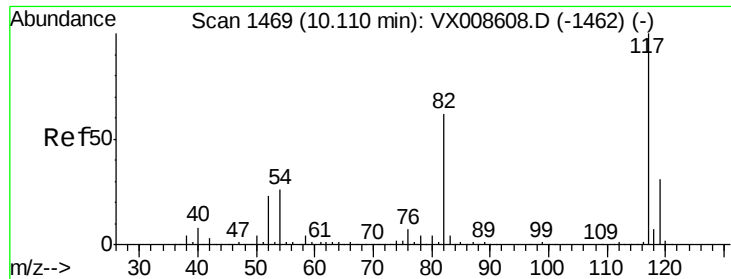
Ion Ratio Lower Upper

95 100

174 77.2 0.0 151.8

176 75.1 0.0 145.8

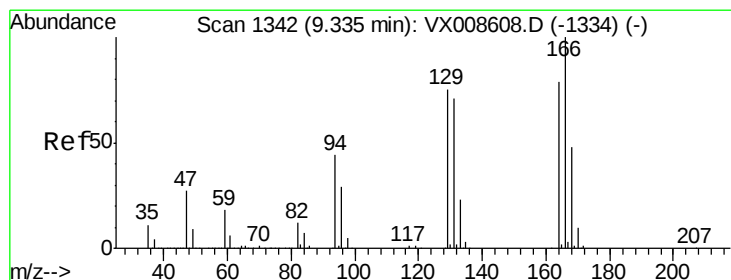
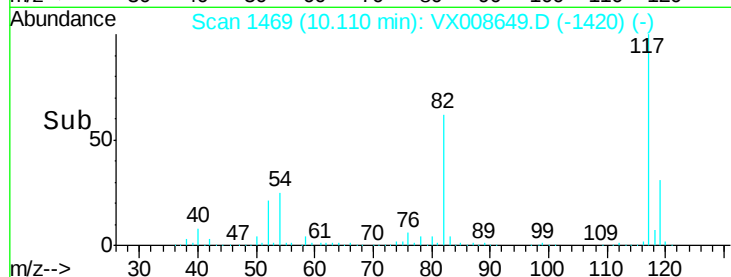
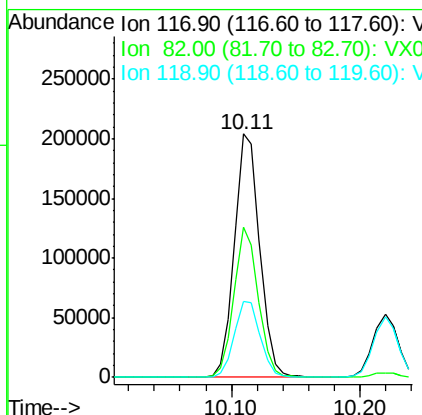
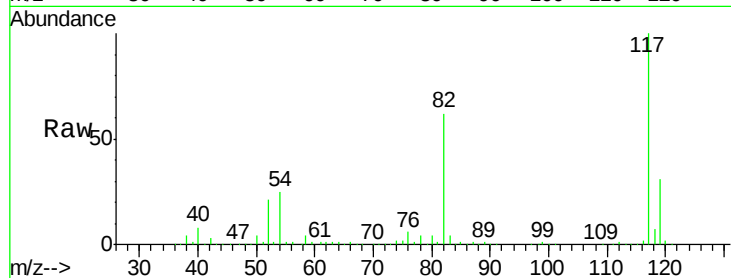




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008649.D
Acq: 04 Apr 2019 20:24

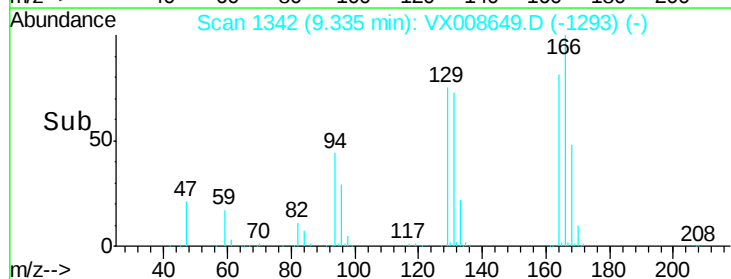
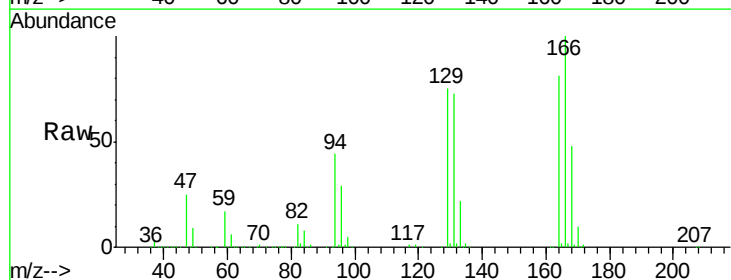
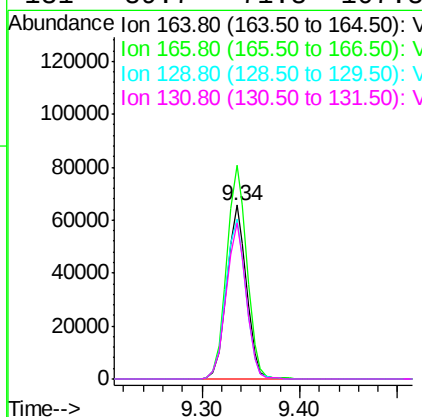
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

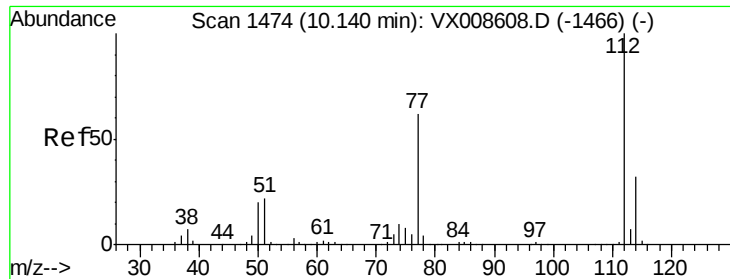
Tgt Ion:117 Resp: 280070
Ion Ratio Lower Upper
117 100
82 61.6 49.6 74.4
119 31.2 25.0 37.4



#64
Tetrachloroethene
Concen: 44.144 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008649.D
Acq: 04 Apr 2019 20:24

Tgt Ion:164 Resp: 91600
Ion Ratio Lower Upper
164 100
166 123.0 101.0 151.6
129 92.0 75.8 113.8
131 89.7 71.8 107.8

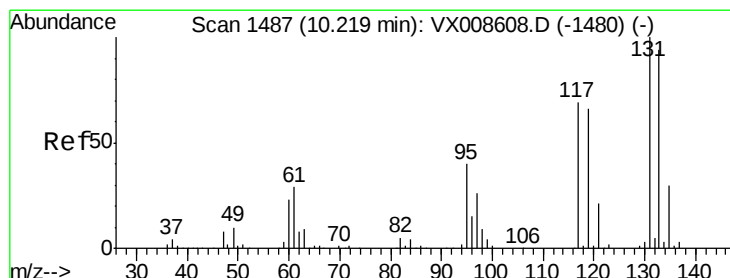
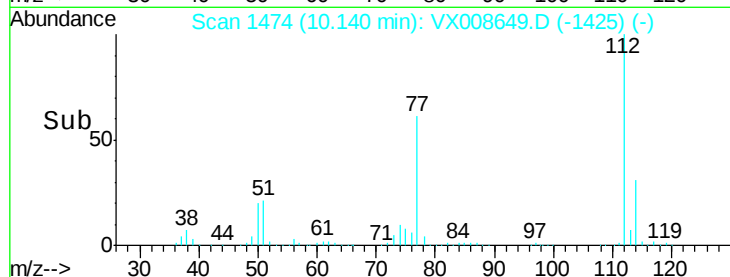
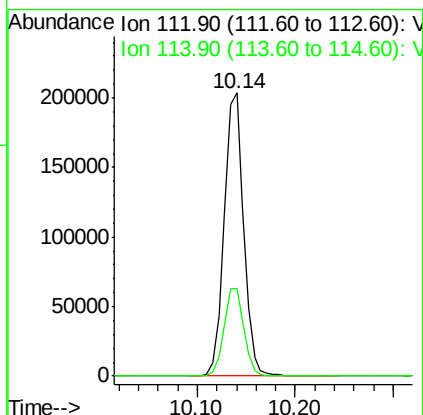
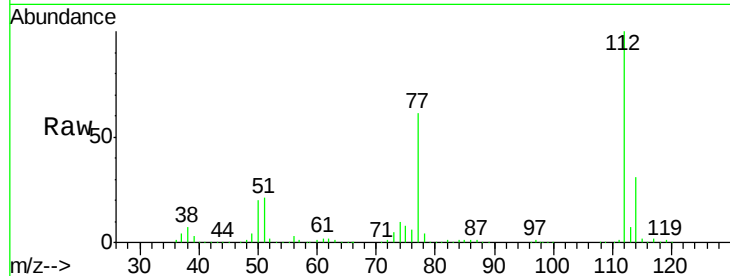




#65
Chlorobenzene
Concen: 45.192 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008649.D
Acq: 04 Apr 2019 20:24

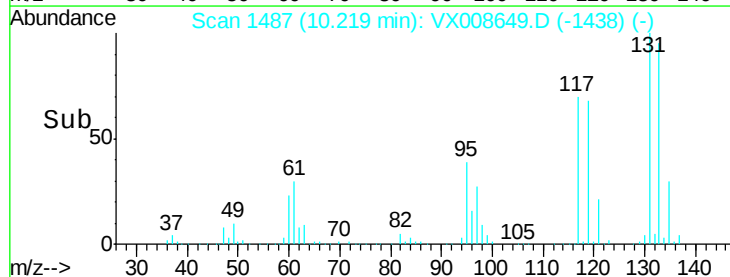
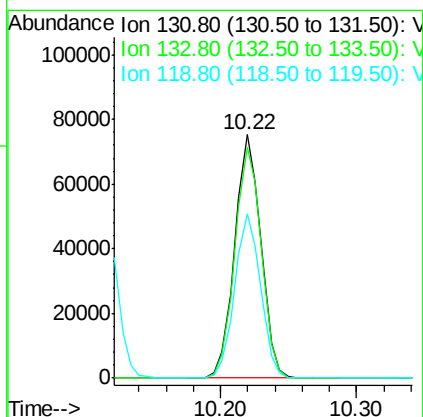
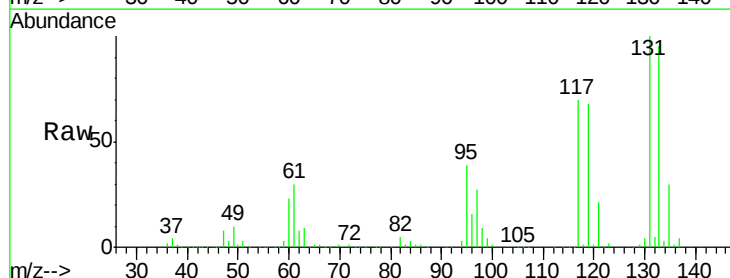
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

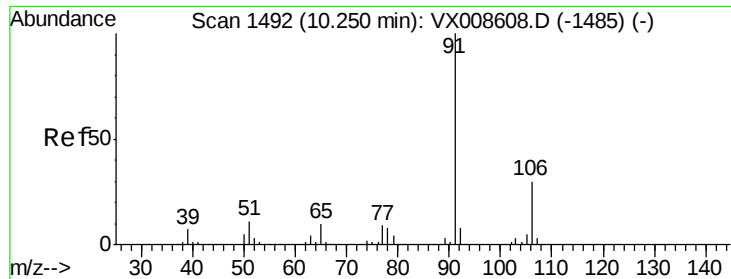
Tgt Ion:112 Resp: 280562
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 46.045 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008649.D
Acq: 04 Apr 2019 20:24

Tgt Ion:131 Resp: 100284
Ion Ratio Lower Upper
131 100
133 96.1 47.0 141.2
119 67.3 33.7 101.0





#67

Ethyl Benzene

Concen: 45.615 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

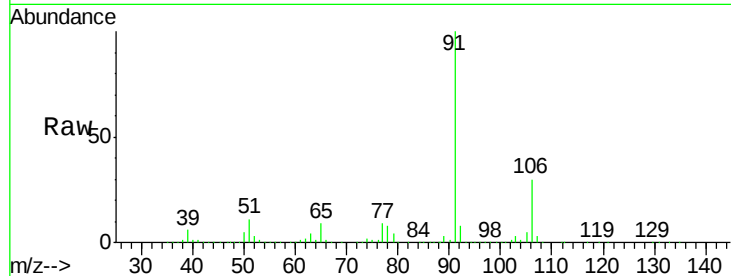
VSTDCCC050EC

Tgt Ion: 91 Resp: 528055

Ion Ratio Lower Upper

91 100

106 29.6 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX008608.D (-1485) (-)

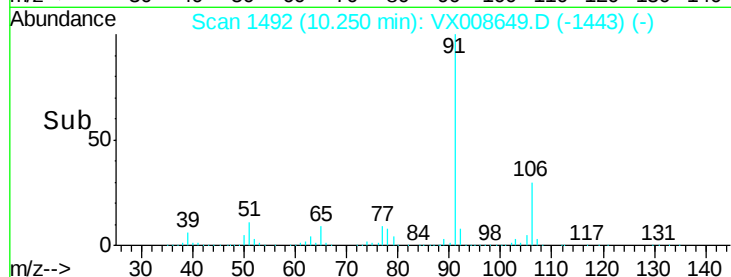
600000

400000

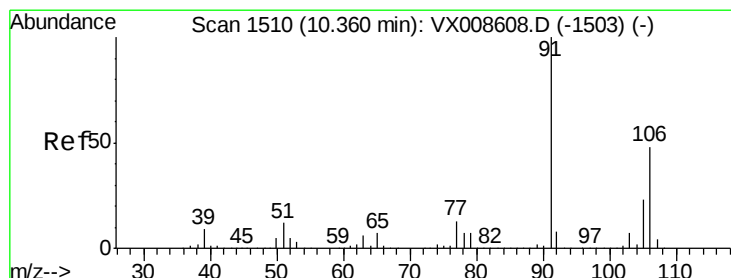
200000

0

10.20 10.25 10.30



Time-->



#68

m/p-Xylenes

Concen: 91.057 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008649.D

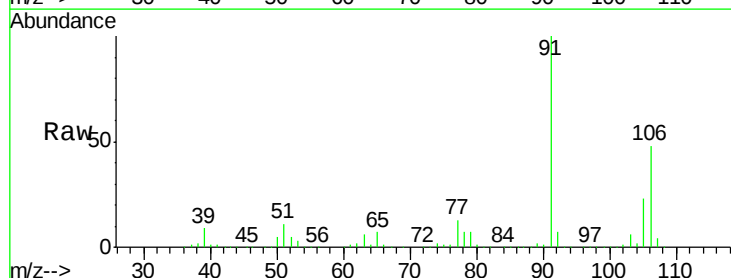
Acq: 04 Apr 2019 20:24

Tgt Ion: 106 Resp: 379009

Ion Ratio Lower Upper

106 100

91 210.1 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): VX008608.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX008608.D (-1503) (-)

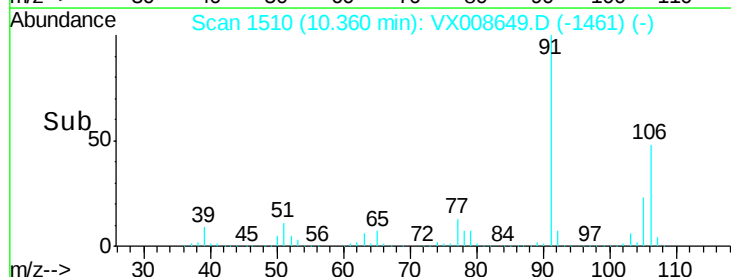
600000

400000

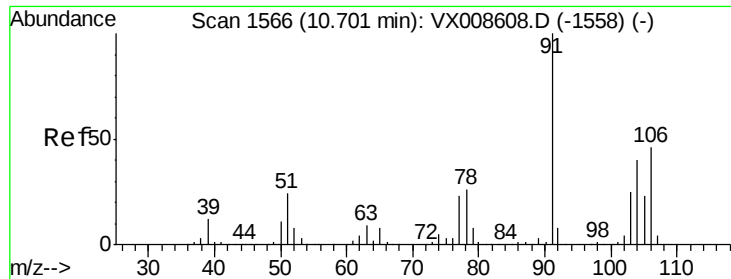
200000

0

10.30 10.36 10.40 10.50



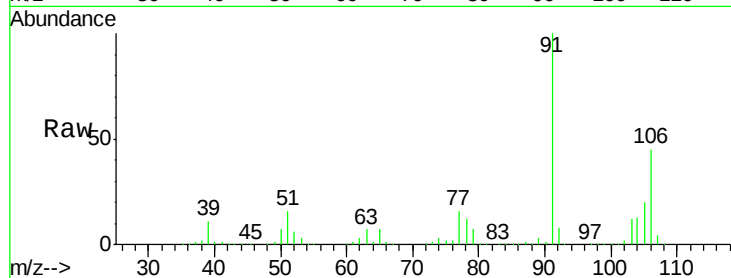
Time-->



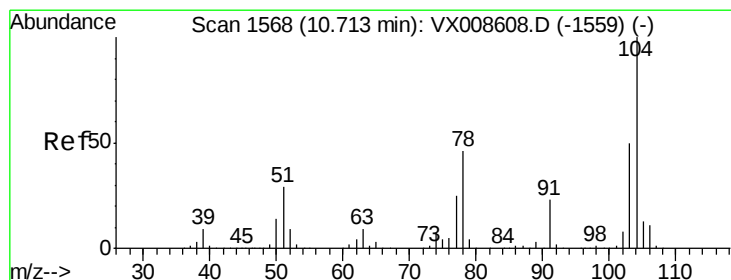
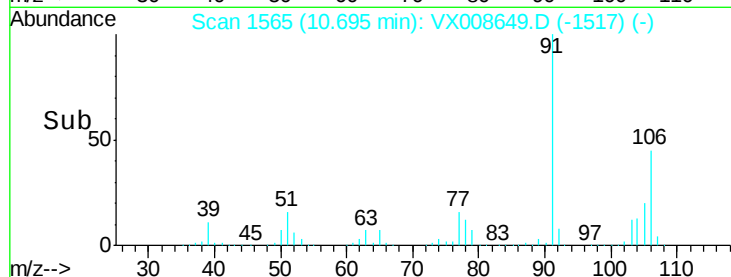
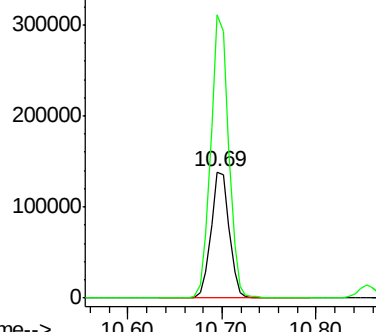
#69
o-Xylene
Concen: 46.255 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008649.D
Acq: 04 Apr 2019 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 186584
Ion Ratio Lower Upper
106 100
91 219.7 111.5 334.4

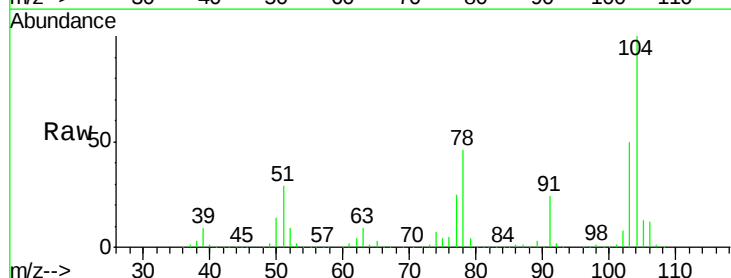


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

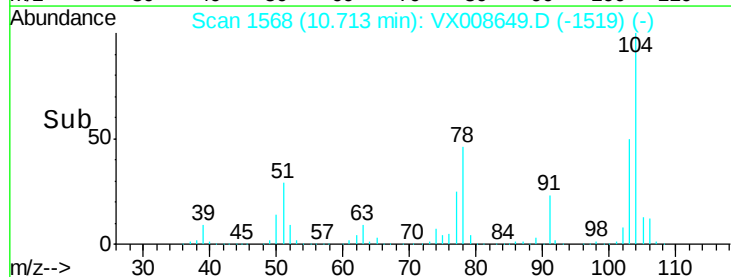
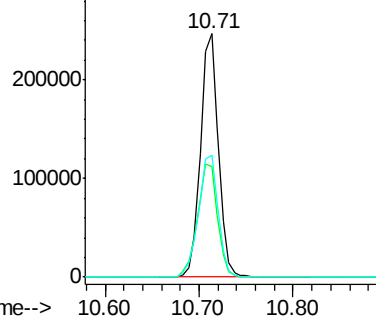


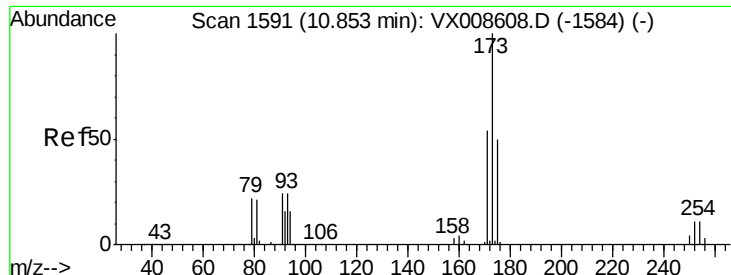
#70
Styrene
Concen: 46.626 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008649.D
Acq: 04 Apr 2019 20:24

Tgt Ion:104 Resp: 324204
Ion Ratio Lower Upper
104 100
78 52.4 42.3 63.5
103 55.5 44.4 66.6



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





#71

Bromoform

Concen: 48.858 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

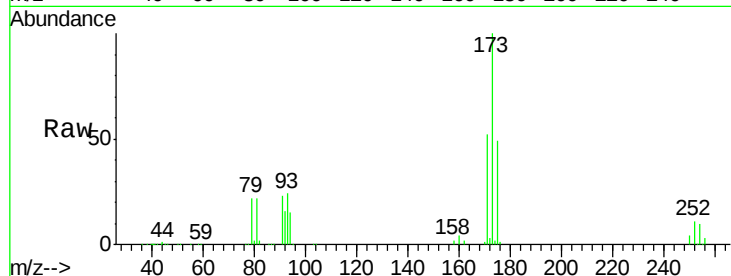
Tgt Ion:173 Resp: 81272

Ion Ratio Lower Upper

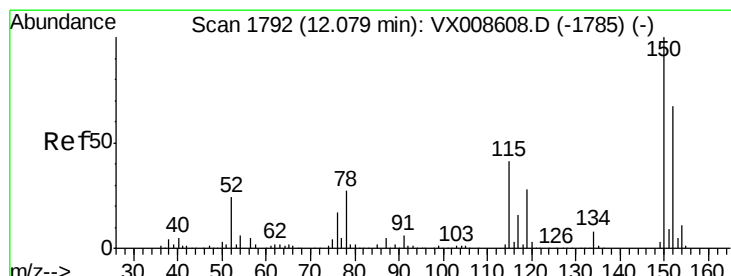
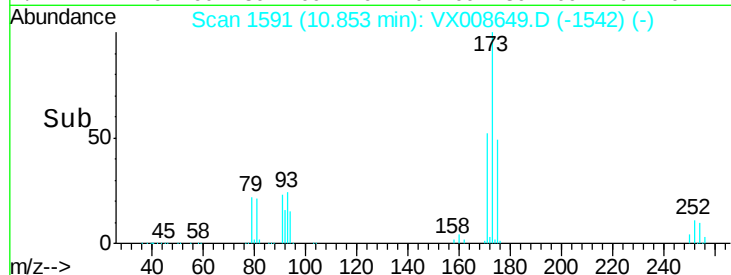
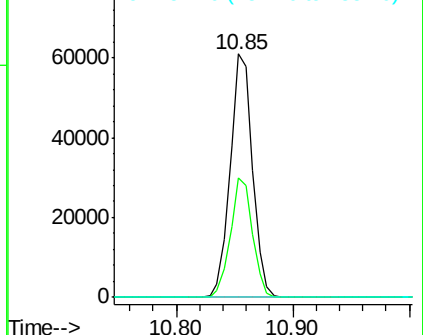
173 100

175 48.6 24.9 74.6

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

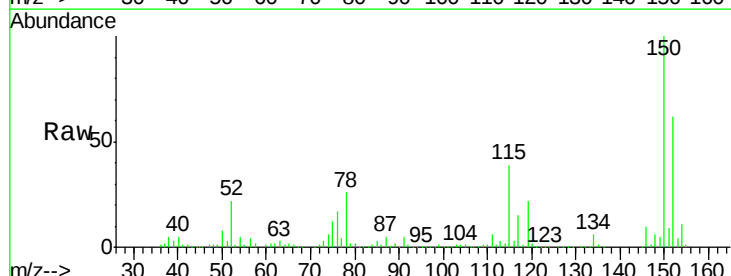
Tgt Ion:152 Resp: 126888

Ion Ratio Lower Upper

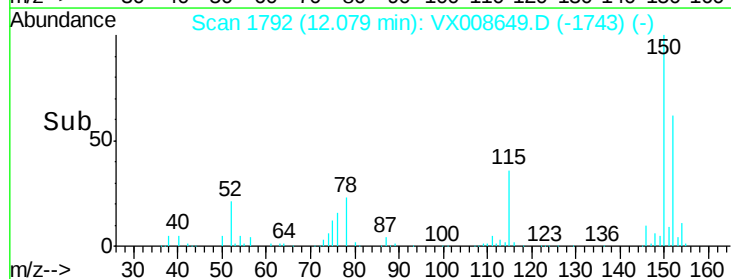
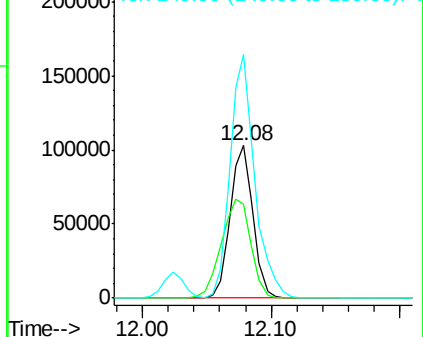
152 100

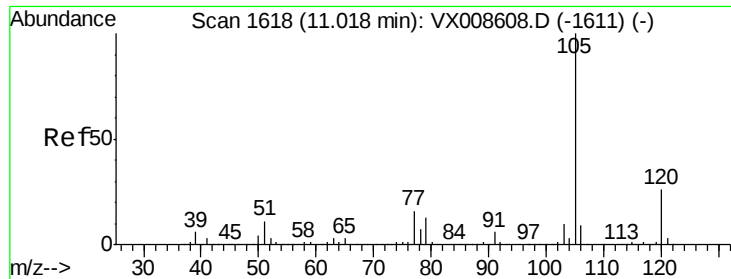
115 83.9 43.5 130.5

150 173.6 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.473 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

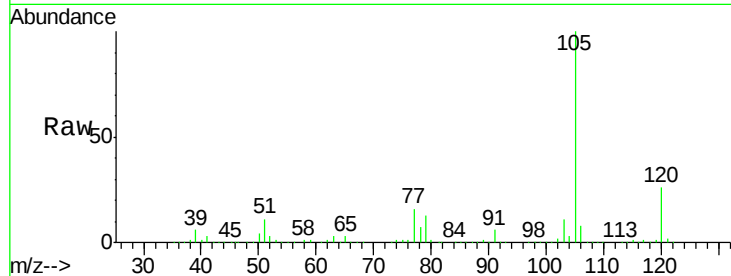
VSTDCCC050EC

Tgt Ion: 105 Resp: 488692

Ion Ratio Lower Upper

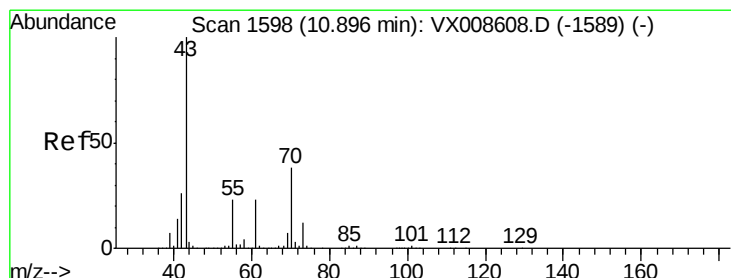
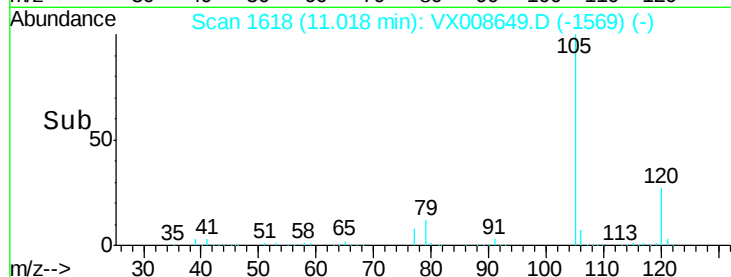
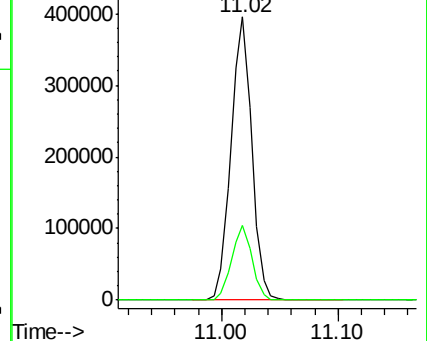
105 100

120 25.9 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.406 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Tgt Ion: 43 Resp: 299478

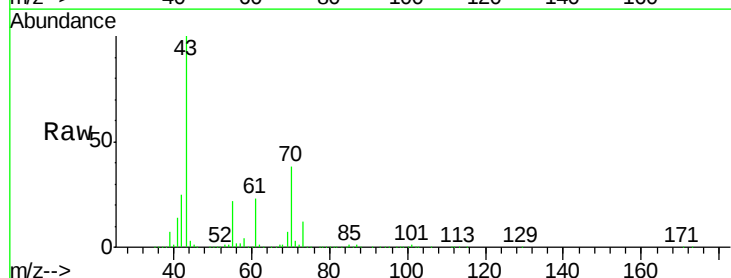
Ion Ratio Lower Upper

43 100

70 37.7 30.2 45.4

55 22.0 18.2 27.4

61 23.0 18.6 28.0

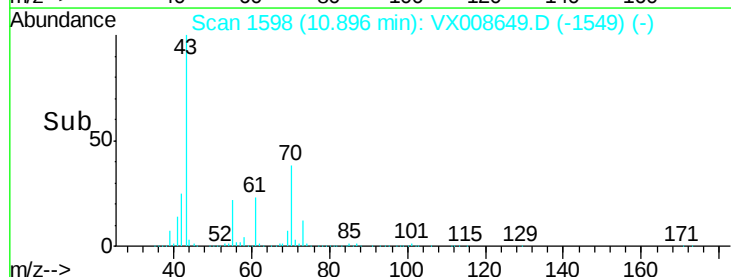
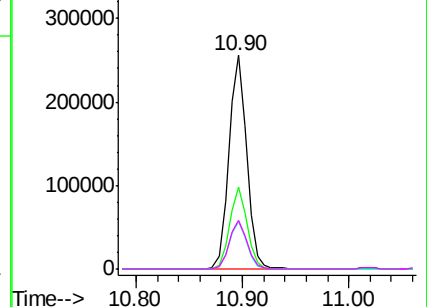


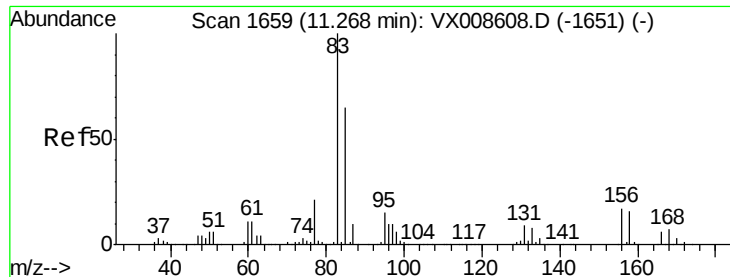
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.457 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

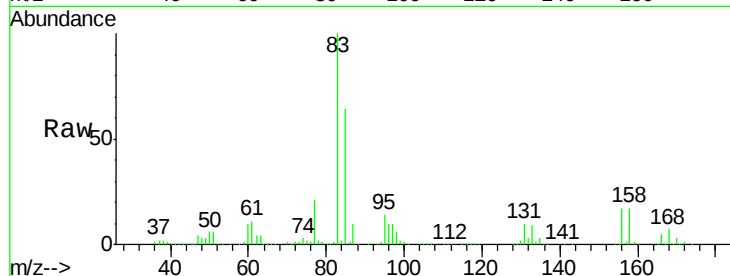
Tgt Ion: 83 Resp: 185794

Ion Ratio Lower Upper

83 100

131 9.0 4.5 13.7

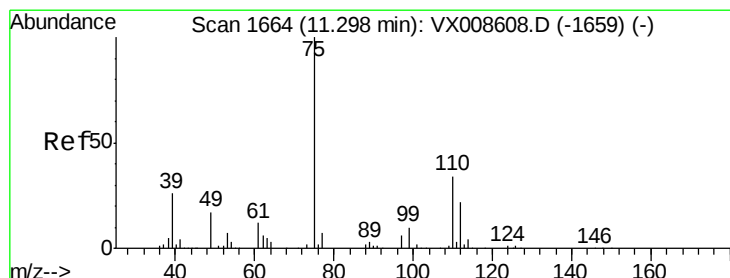
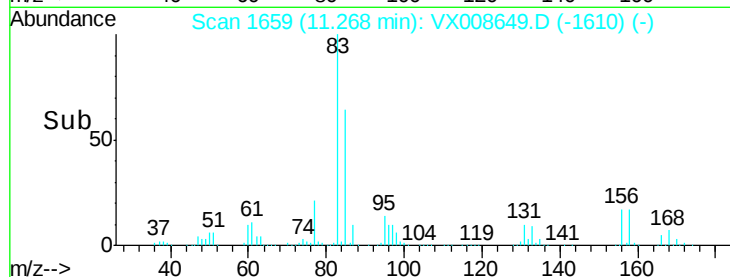
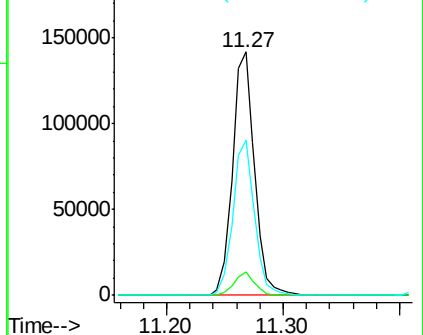
85 63.0 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 61.767 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008649.D

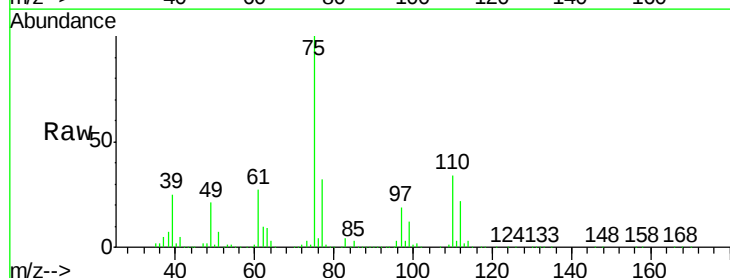
Acq: 04 Apr 2019 20:24

Tgt Ion: 75 Resp: 215302

Ion Ratio Lower Upper

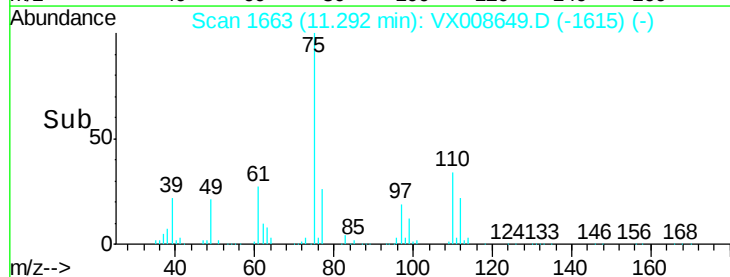
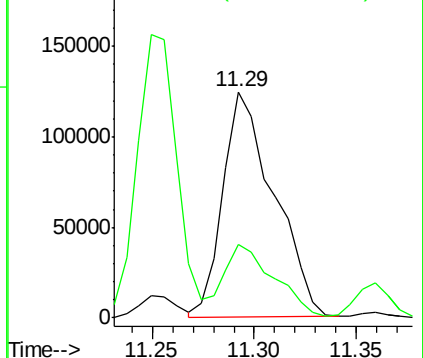
75 100

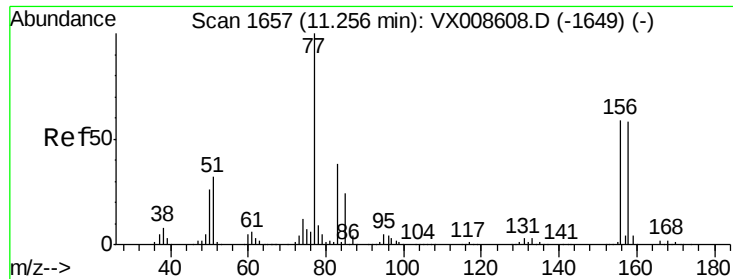
77 32.5 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.886 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

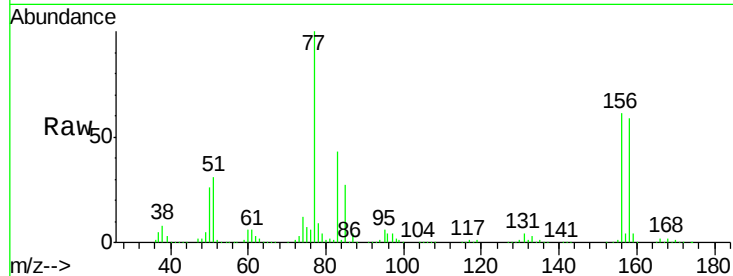
Tgt Ion:156 Resp: 118525

Ion Ratio Lower Upper

156 100

77 177.9 89.8 269.6

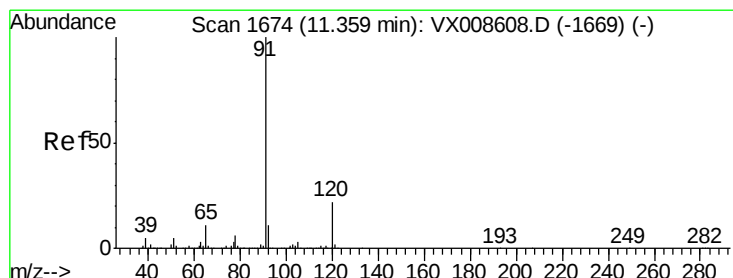
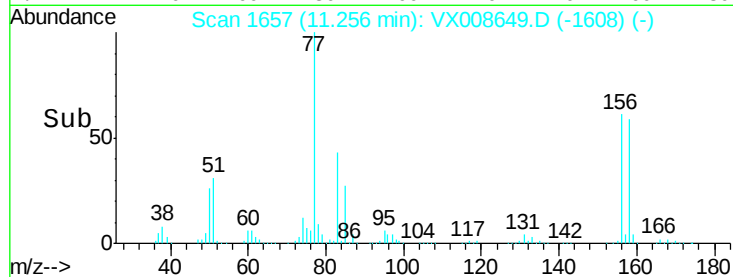
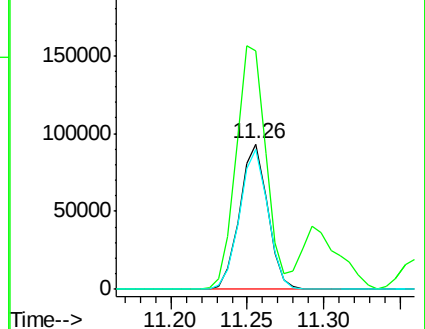
158 97.3 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.398 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008649.D

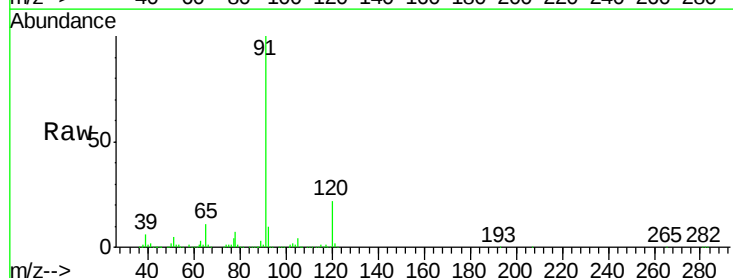
Acq: 04 Apr 2019 20:24

Tgt Ion: 91 Resp: 568098

Ion Ratio Lower Upper

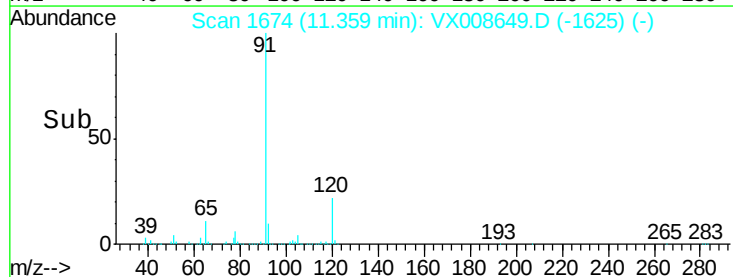
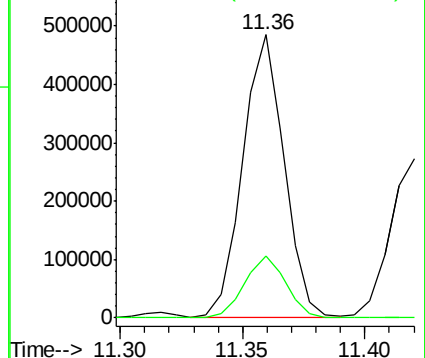
91 100

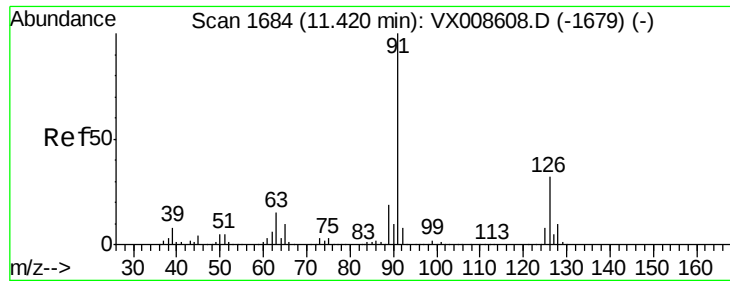
120 22.2 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.760 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

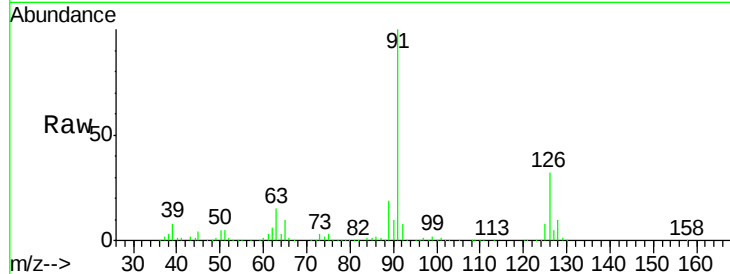
VSTDCCC050EC

Tgt Ion: 91 Resp: 339059

Ion Ratio Lower Upper

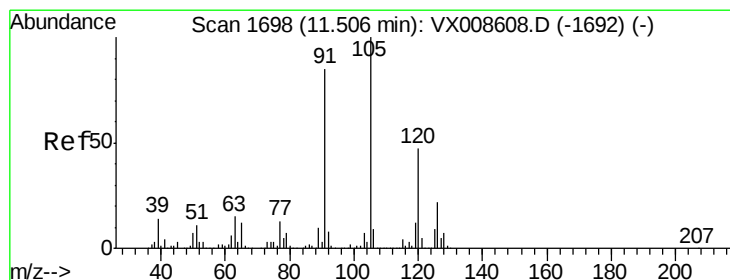
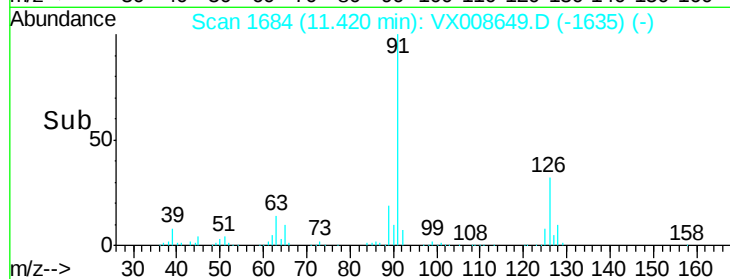
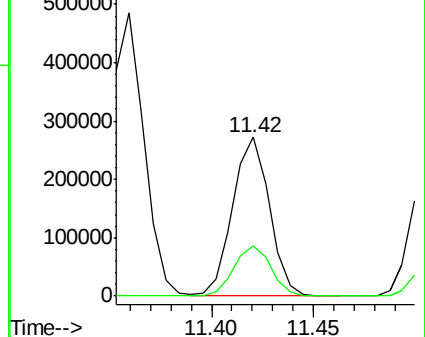
91 100

126 32.1 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 46.620 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008649.D

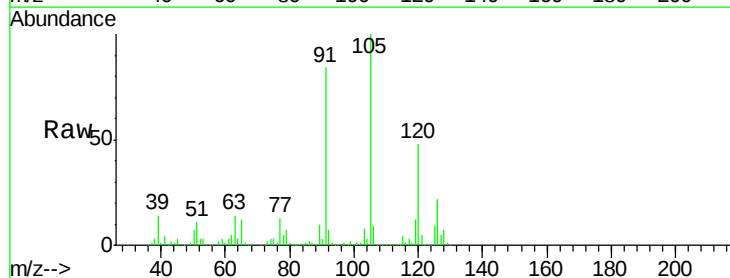
Acq: 04 Apr 2019 20:24

Tgt Ion: 105 Resp: 411515

Ion Ratio Lower Upper

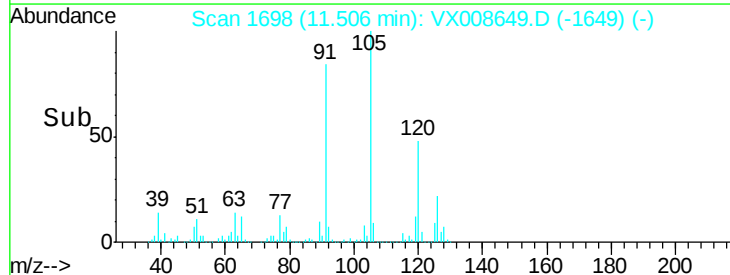
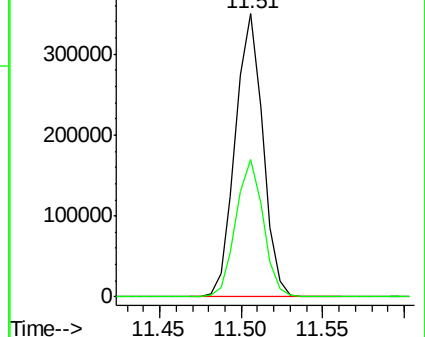
105 100

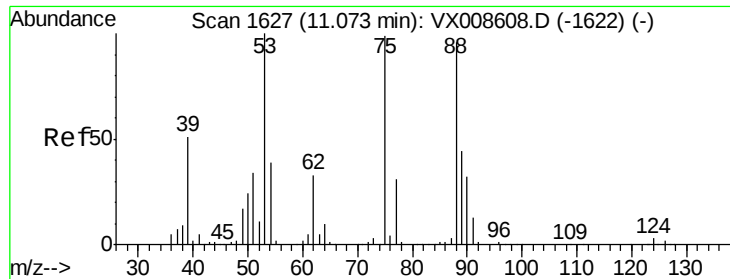
120 48.2 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.988 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

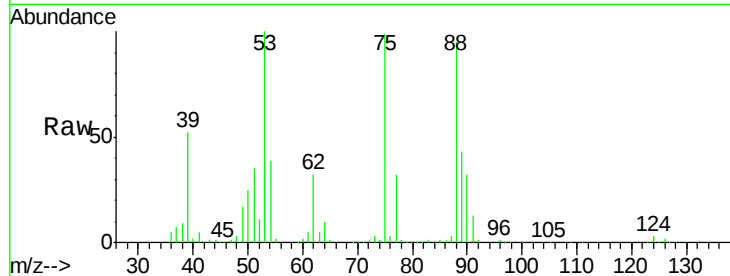
Tgt Ion: 75 Resp: 60682

Ion Ratio Lower Upper

75 100

53 102.8 81.3 121.9

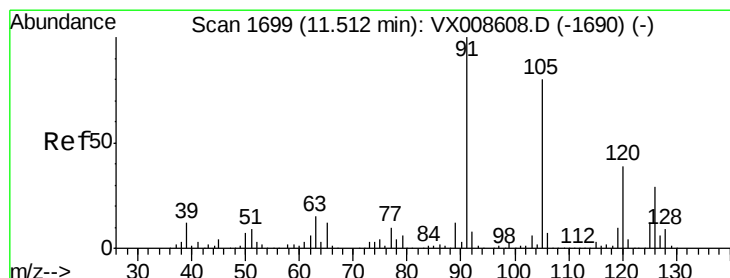
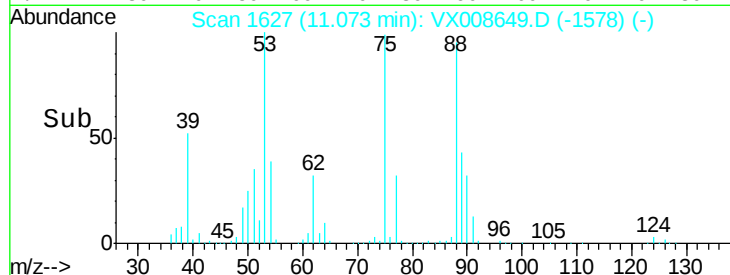
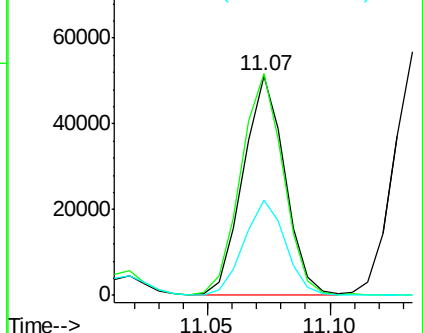
89 43.6 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 45.387 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008649.D

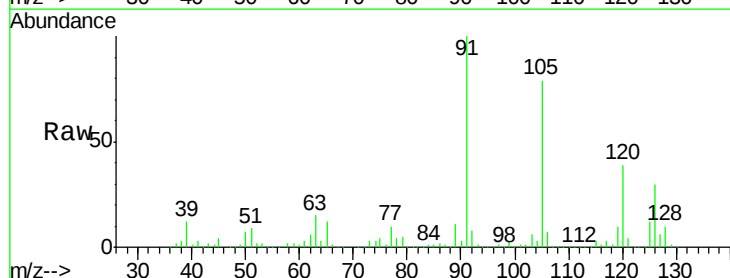
Acq: 04 Apr 2019 20:24

Tgt Ion: 91 Resp: 389276

Ion Ratio Lower Upper

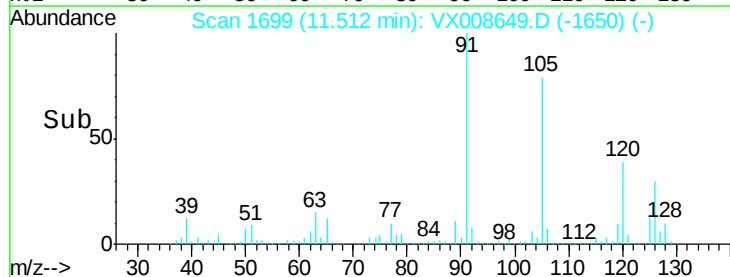
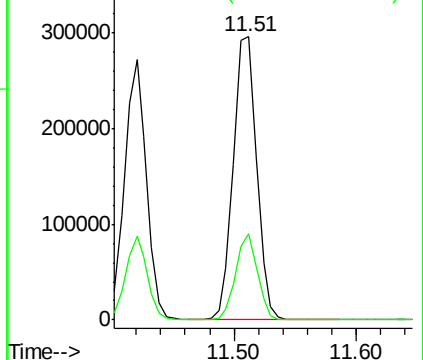
91 100

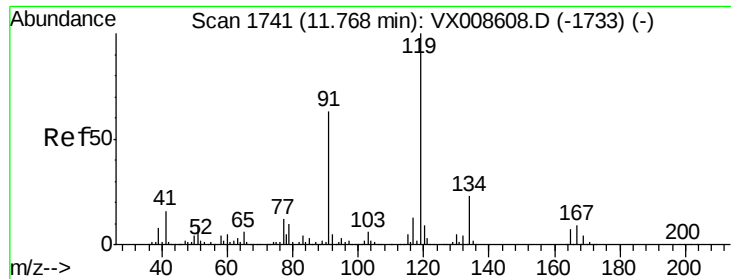
126 28.3 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

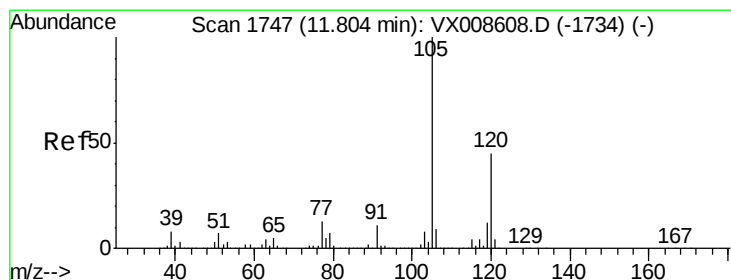
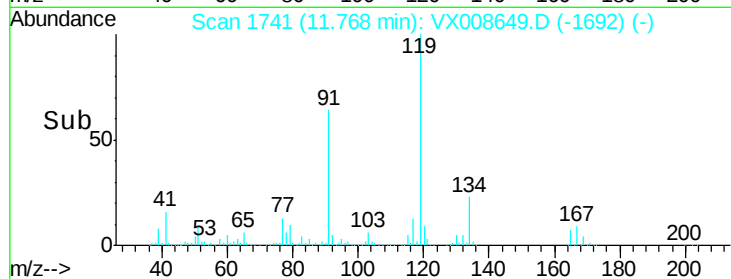
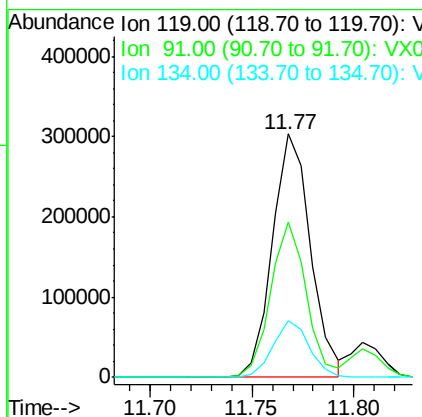
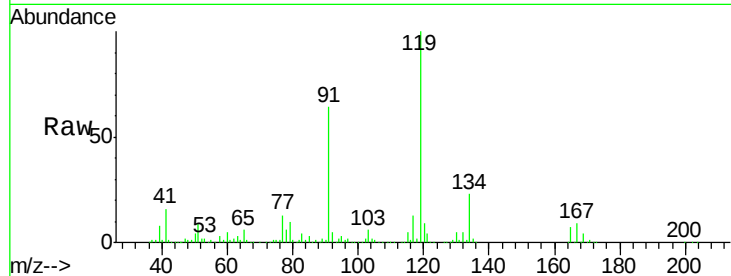




#83
 tert-Butylbenzene
 Concen: 46.568 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

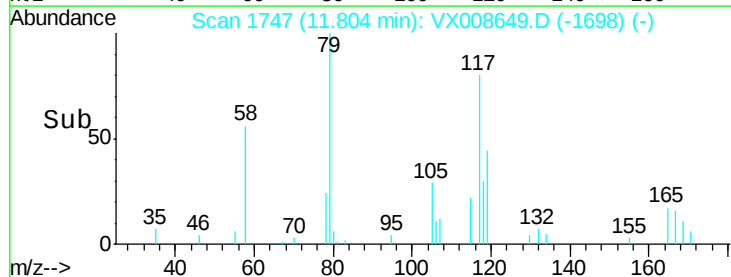
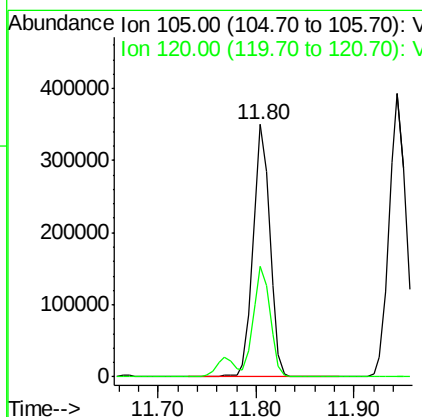
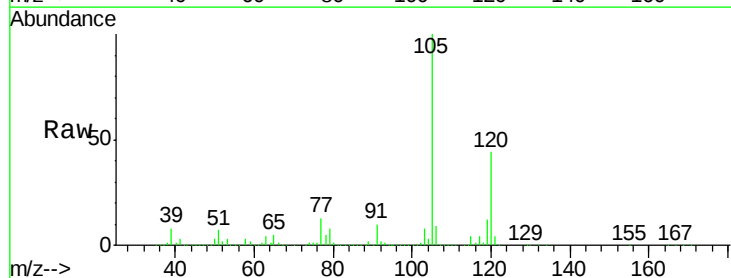
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

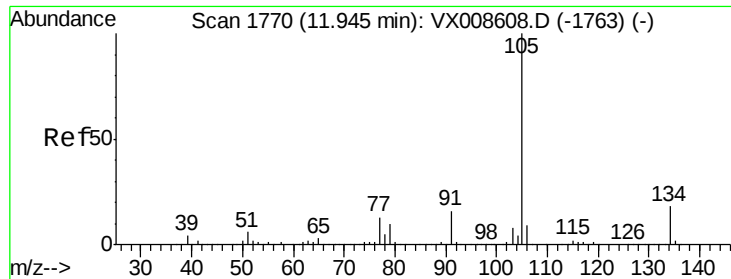
Tgt Ion:119 Resp: 395467
 Ion Ratio Lower Upper
 119 100
 91 59.8 30.0 90.1
 134 22.2 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 46.634 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

Tgt Ion:105 Resp: 416804
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.8 65.3

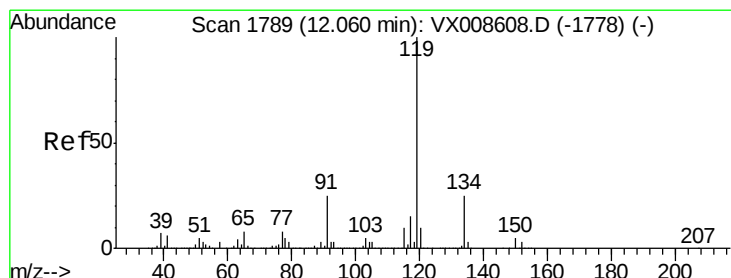
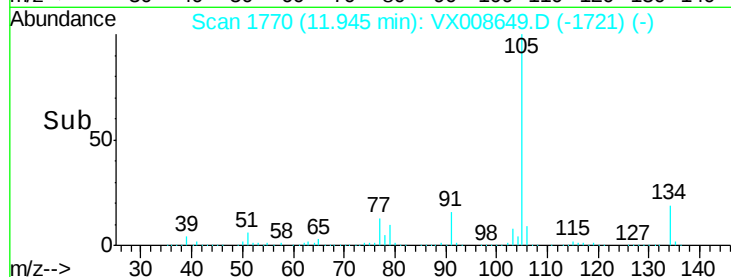
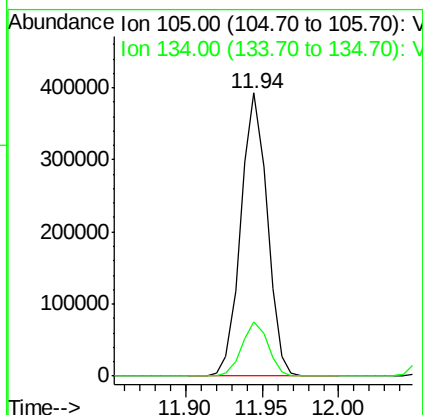
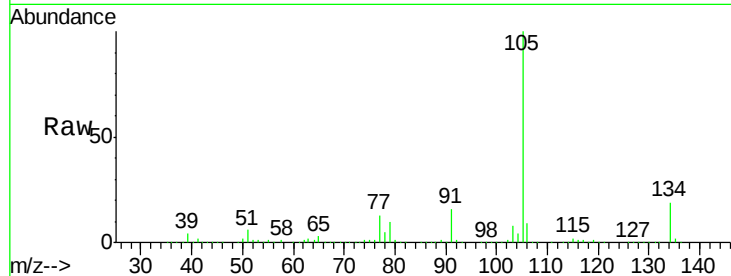




#85
 sec-Butylbenzene
 Concen: 46.551 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

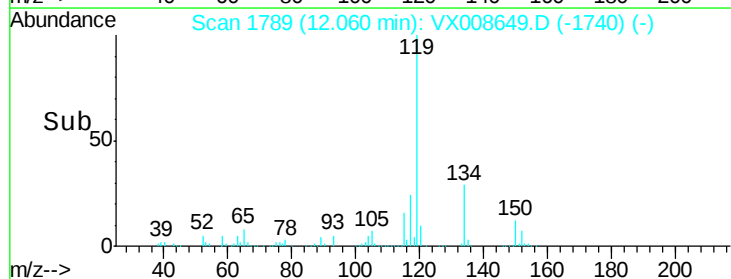
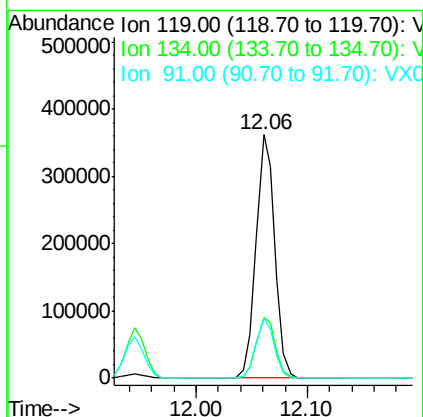
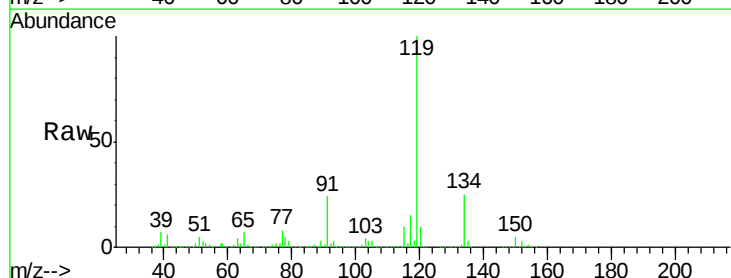
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

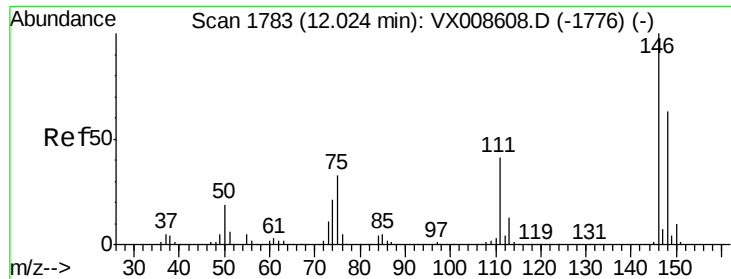
Tgt Ion:105 Resp: 469566
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 46.846 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

Tgt Ion:119 Resp: 424127
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.4
 91 24.1 12.2 36.6

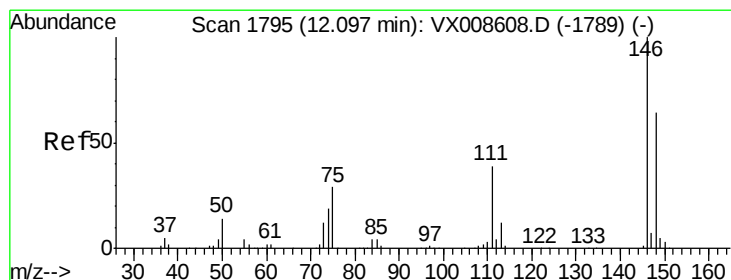
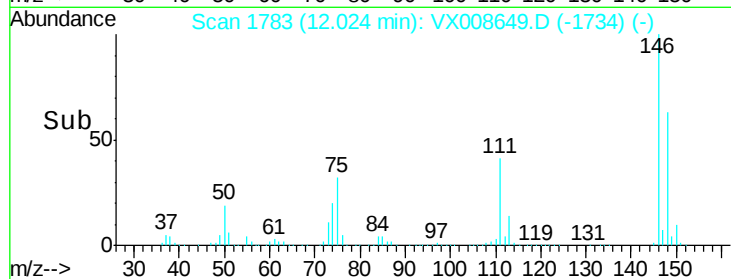
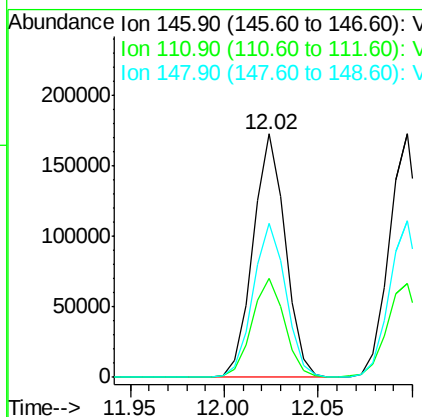
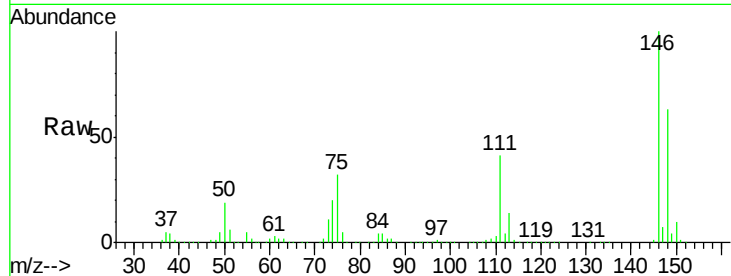




#87
 1,3-Dichlorobenzene
 Concen: 45.414 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

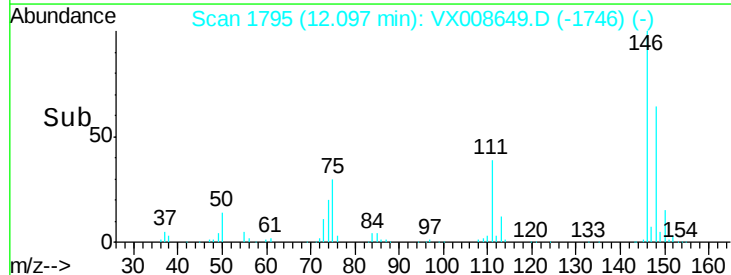
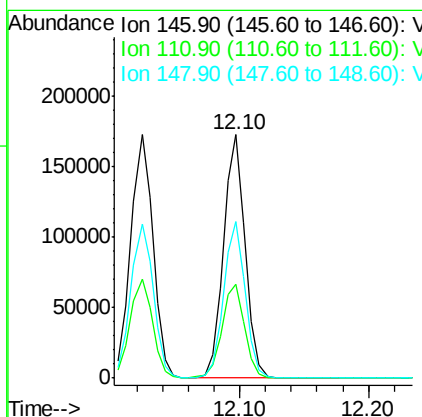
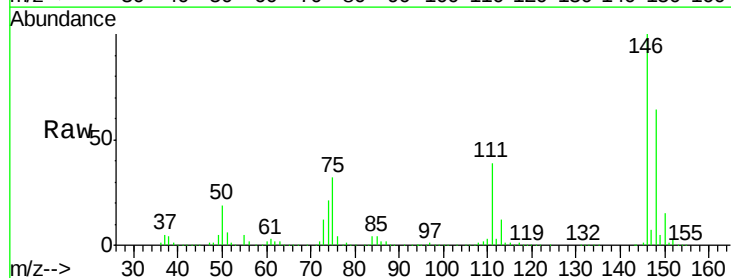
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

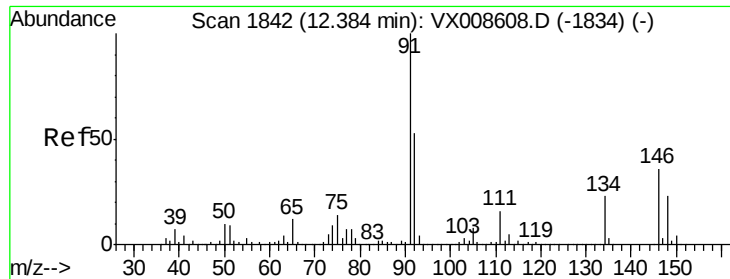
Tgt Ion:146 Resp: 205527
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.5 61.5
 148 64.2 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 44.704 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

Tgt Ion:146 Resp: 204864
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.2 60.6
 148 64.0 32.0 96.0

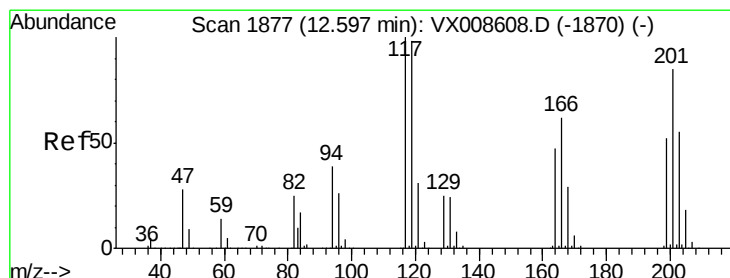
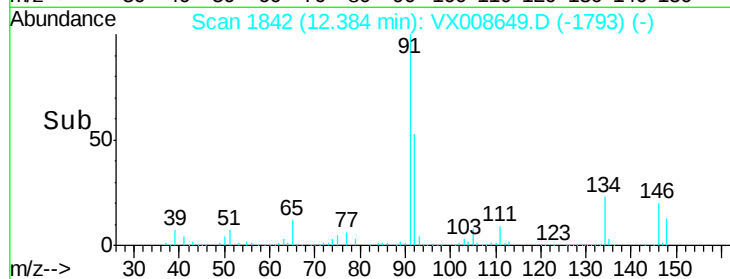
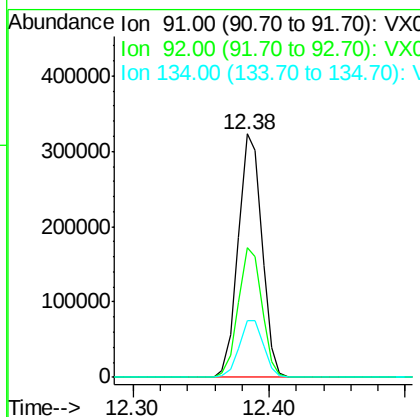
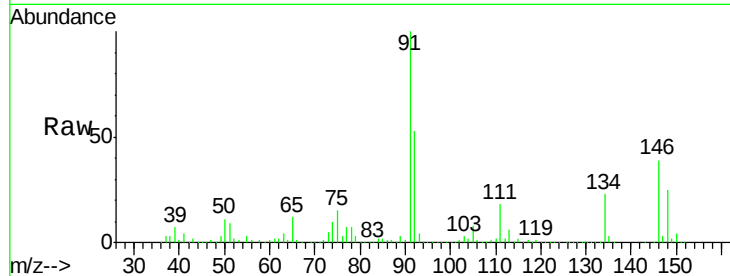




#89
n-Butylbenzene
Concen: 46.228 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008649.D
Acq: 04 Apr 2019 20:24

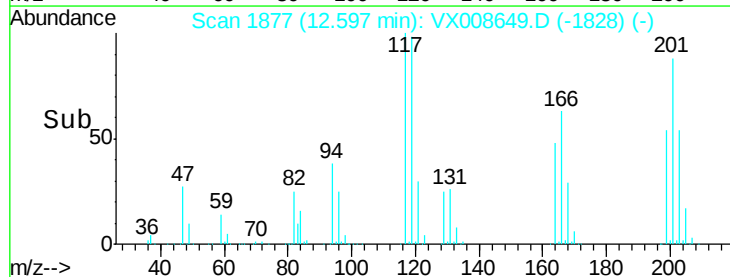
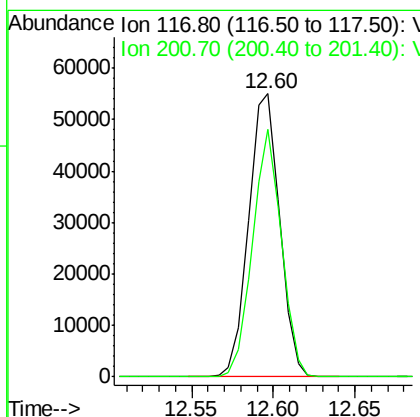
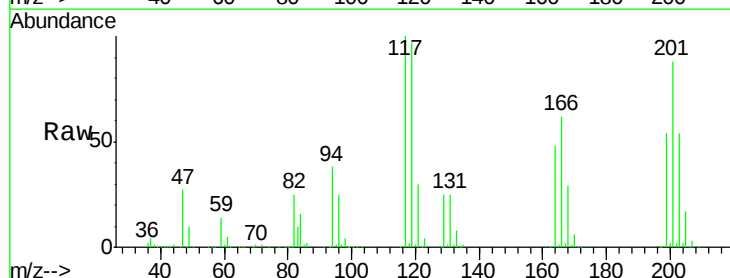
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 392512
Ion Ratio Lower Upper
91 100
92 53.4 26.4 79.2
134 23.9 12.0 36.0



#90
Hexachloroethane
Concen: 48.648 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008649.D
Acq: 04 Apr 2019 20:24

Tgt Ion: 117 Resp: 73052
Ion Ratio Lower Upper
117 100
201 81.6 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 45.714 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

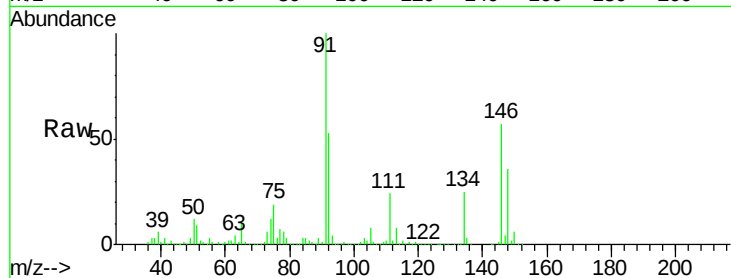
Tgt Ion:146 Resp: 205411

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.9

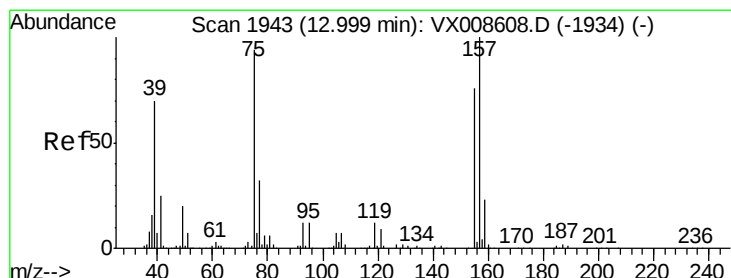
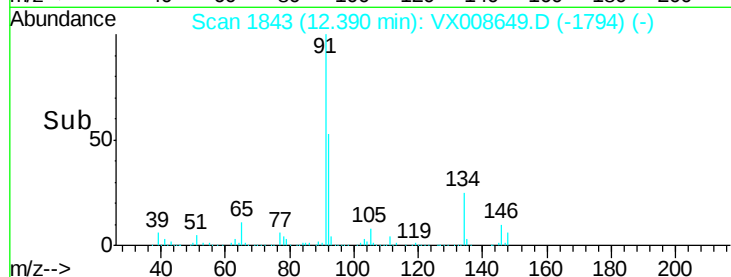
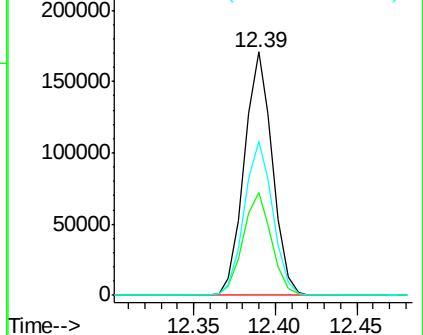
148 64.2 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.276 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008649.D

Acq: 04 Apr 2019 20:24

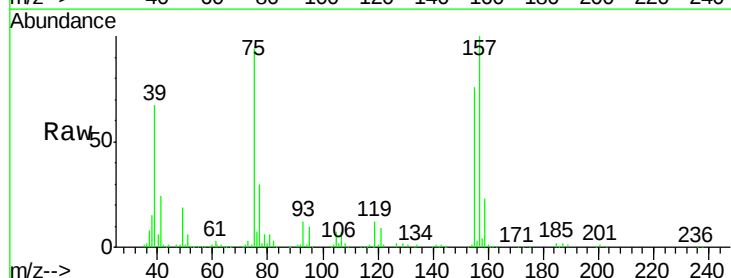
Tgt Ion: 75 Resp: 40712

Ion Ratio Lower Upper

75 100

155 79.2 39.9 119.6

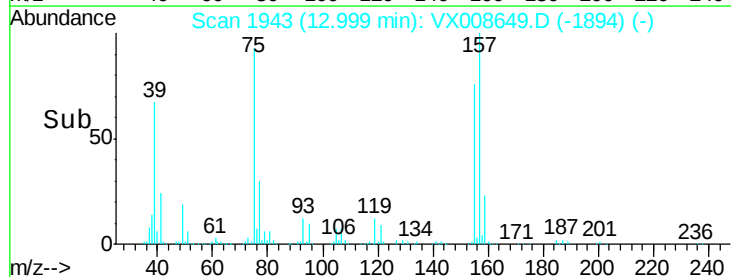
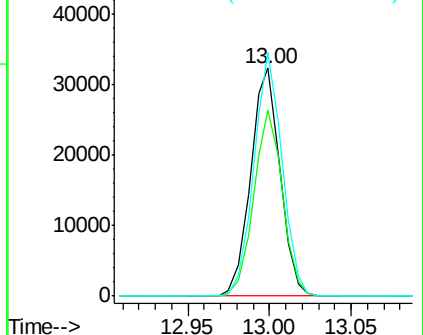
157 102.4 51.5 154.7

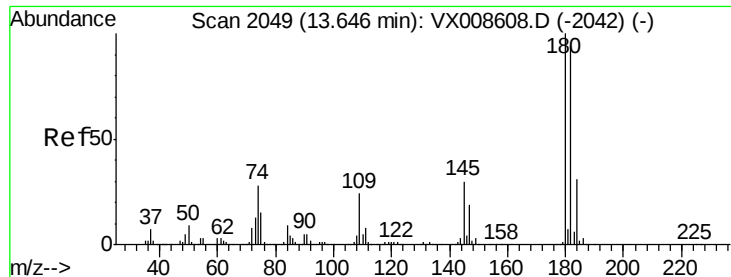


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

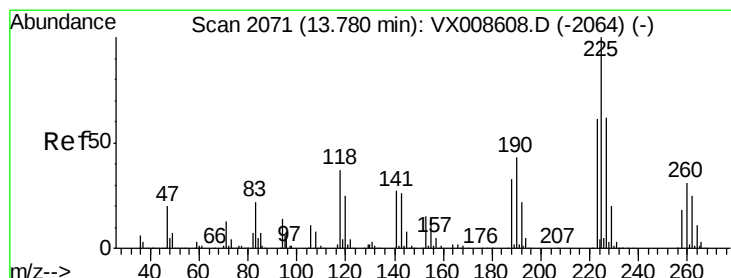
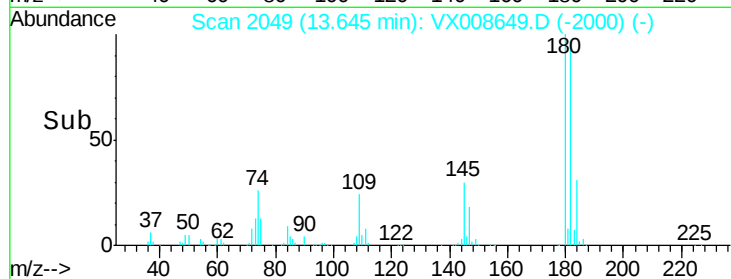
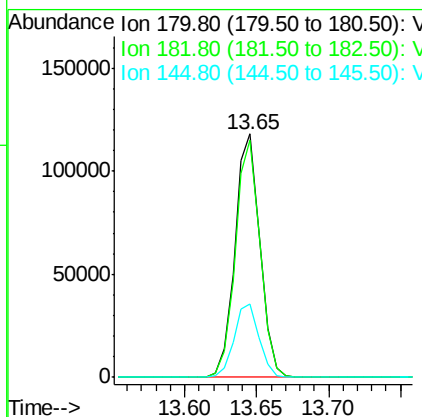
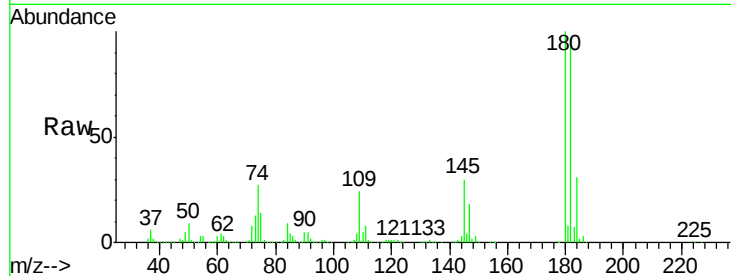




#93
 1,2,4-Trichlorobenzene
 Concen: 45.573 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

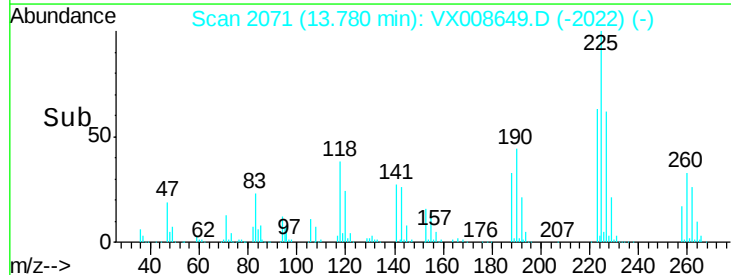
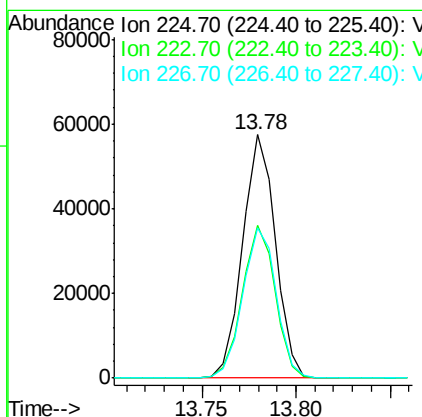
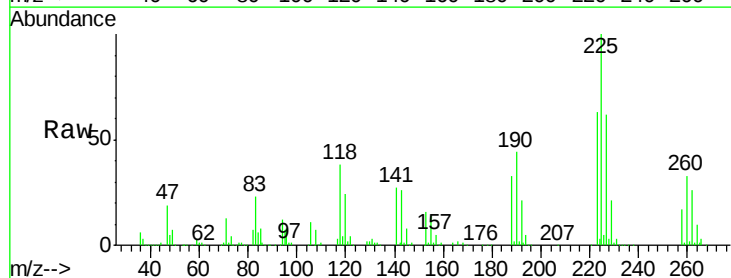
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

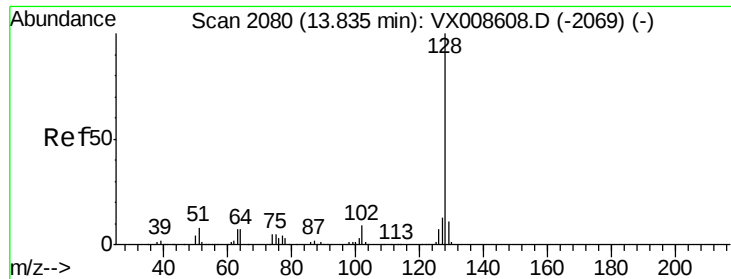
Tgt Ion:180 Resp: 142379
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.2 141.6
 145 30.3 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 46.344 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008649.D
 Acq: 04 Apr 2019 20:24

Tgt Ion:225 Resp: 69438
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.2 93.6
 227 62.8 31.9 95.5

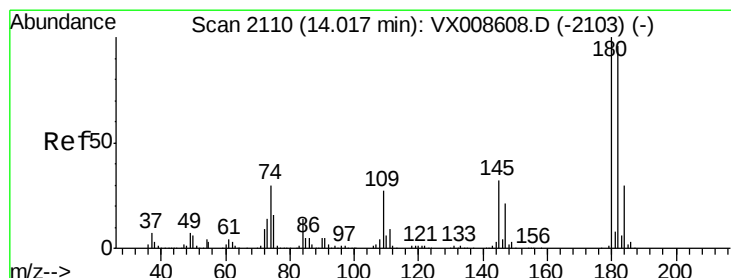
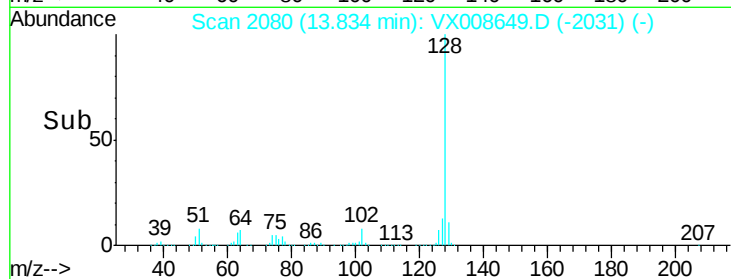
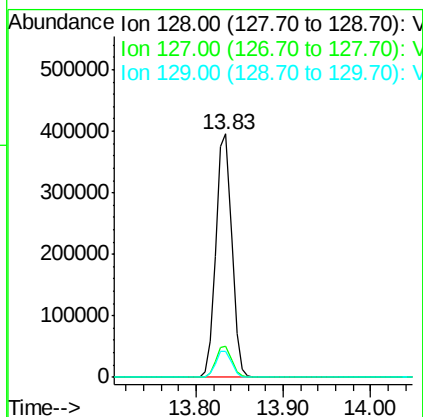
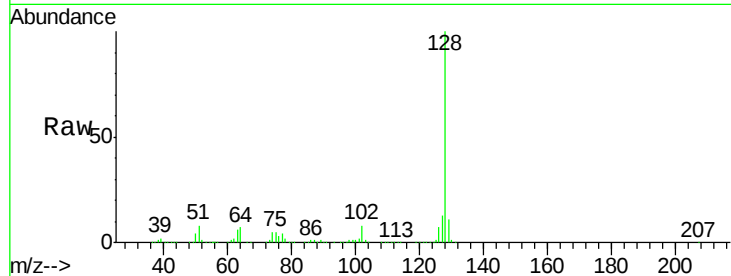




#95
Naphthalene
Concen: 47.251 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008649.D
Acq: 04 Apr 2019 20:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 493388
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 45.646 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008649.D
Acq: 04 Apr 2019 20:24

Tgt Ion:180 Resp: 142485
Ion Ratio Lower Upper
180 100
182 95.7 48.1 144.3
145 31.6 16.3 48.8

