

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040418\
 Data File : VX000685.D
 Acq On : 05 Apr 2018 03:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 05 05:26:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	88364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	157278	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	171472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	109269	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	72032	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	5.51	113	52616	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
50) Toluene-d8	8.73	98	220452	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.15	95	88218	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	60052	50.71	ug/l	99
3) Chloromethane	1.32	50	48849	48.20	ug/l	99
4) Vinyl Chloride	1.40	62	67331	50.68	ug/l	98
5) Bromomethane	1.64	94	82851	64.05	ug/l	94
6) Chloroethane	1.72	64	48139	49.24	ug/l	99
7) Trichlorofluoromethane	1.93	101	116005	49.25	ug/l	98
8) Diethyl Ether	2.19	74	42062	48.14	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63586	49.98	ug/l	98
10) Methyl Iodide	2.51	142	30975	36.00	ug/l	99
11) Tert butyl alcohol	3.09	59	147939	254.10	ug/l	99
12) 1,1-Dichloroethene	2.37	96	58547	48.81	ug/l	95
13) Acrolein	2.30	56	76199	220.78	ug/l	97
14) Allyl chloride	2.73	41	116697	48.51	ug/l	99
15) Acrylonitrile	3.15	53	281739	262.39	ug/l	99
16) Acetone	2.45	43	284911	230.67	ug/l	95
17) Carbon Disulfide	2.57	76	128666	45.64	ug/l	100
18) Methyl Acetate	2.78	43	146179	53.07	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	230574	53.17	ug/l	97
20) Methylene Chloride	2.86	84	67235	47.73	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	62532	48.08	ug/l	95
22) Diisopropyl ether	3.89	45	164159	47.95	ug/l	93
23) Vinyl Acetate	3.83	43	780966	235.92	ug/l	99
24) 1,1-Dichloroethane	3.70	63	111509	49.00	ug/l	99
25) 2-Butanone	4.72	43	331105	264.45	ug/l	97
26) 2,2-Dichloropropane	4.59	77	57375	46.05	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	50927	51.72	ug/l	99
28) Bromochloromethane	5.03	49	45484	53.35	ug/l	98
29) Tetrahydrofuran	5.18	42	216468	268.71	ug/l	99
30) Chloroform	5.23	83	102765	53.27	ug/l	95
31) Cyclohexane	5.59	56	76405	51.56	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	87639	55.20	ug/l	99
36) 1,1-Dichloropropene	5.81	75	71275	48.85	ug/l	99
37) Ethyl Acetate	4.87	43	114785	51.70	ug/l	100
38) Carbon Tetrachloride	5.79	117	72657	51.73	ug/l	96

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040418\
 Data File : VX000685.D
 Acq On : 05 Apr 2018 03:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 05 05:26:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	81753	48.47	ug/l	95
40) Benzene	6.15	78	210771	50.58	ug/l	100
41) Methacrylonitrile	5.07	41	60190	49.48	ug/l	99
42) 1,2-Dichloroethane	6.21	62	89618	51.43	ug/l	98
43) Isopropyl Acetate	6.48	43	169832	52.76	ug/l	100
44) Trichloroethene	7.22	130	56441	49.03	ug/l	96
45) 1,2-Dichloropropane	7.53	63	58492	52.07	ug/l	99
46) Dibromomethane	7.67	93	42509	51.57	ug/l	99
47) Bromodichloromethane	7.91	83	80108	51.10	ug/l	96
48) Methyl methacrylate	7.79	41	84547	51.24	ug/l	100
49) 1,4-Dioxane	7.76	88	34417	984.19	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	729691	278.70	ug/l	99
52) Toluene	8.79	92	153353	52.09	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	90417	53.35	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	91301	45.89	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	63669	51.87	ug/l	97
56) Ethyl methacrylate	9.19	69	103018	46.64	ug/l	98
57) 1,3-Dichloropropane	9.38	76	107154	53.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	251348	264.77	ug/l	98
59) 2-Hexanone	9.51	43	632608	284.12	ug/l	98
60) Dibromochloromethane	9.59	129	67556	45.04	ug/l	99
61) 1,2-Dibromoethane	9.68	107	70748	53.45	ug/l	98
64) Tetrachloroethene	9.34	164	53737	48.11	ug/l	94
65) Chlorobenzene	10.15	112	180414	51.66	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	60999	51.23	ug/l	97
67) Ethyl Benzene	10.26	91	321895	52.10	ug/l	99
68) m/p-Xylenes	10.37	106	250907	107.75	ug/l	99
69) o-Xylene	10.71	106	118046	51.49	ug/l	99
70) Styrene	10.72	104	213380	55.20	ug/l	98
71) Bromoform	10.87	173	53326	43.95	ug/l #	97
73) Isopropylbenzene	11.02	105	342872	51.90	ug/l	100
74) N-amyl acetate	6.48	43	169832	47.91	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	130380	51.86	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	146548	61.49	ug/l	87
77) Bromobenzene	11.26	156	78779	47.70	ug/l	95
78) n-propylbenzene	11.37	91	421670	52.35	ug/l	100
79) 2-Chlorotoluene	11.43	91	237804	51.97	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	300201	53.21	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	34278	51.57	ug/l	98
82) 4-Chlorotoluene	11.52	91	303446	52.99	ug/l	100
83) tert-Butylbenzene	11.78	119	290680	52.86	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	312943	53.04	ug/l	100
85) sec-Butylbenzene	11.95	105	375212	53.71	ug/l	99
86) p-Isopropyltoluene	12.07	119	335390	55.16	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	163588	50.84	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	176079	50.02	ug/l	99
89) n-Butylbenzene	12.40	91	330157	53.23	ug/l	98
90) Hexachloroethane	12.60	117	53239	51.54	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	167727	49.98	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	39388	54.89	ug/l	98

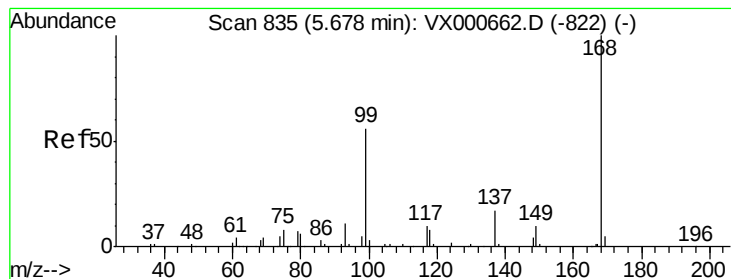
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX040418\
Data File : VX000685.D
Acq On : 05 Apr 2018 03:39
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 05 05:26:49 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 05 03:34:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	114568	50.72	ug/l	99
94) Hexachlorobutadiene	13.79	225	42760	49.41	ug/l	99
95) Naphthalene	13.84	128	436035	53.03	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	114137	50.21	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

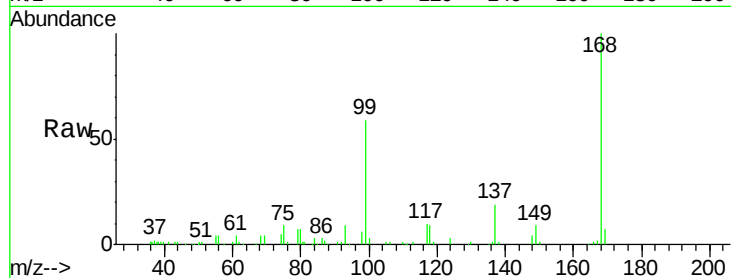
VSTDCCC050EC

Tgt Ion:168 Resp: 88364

Ion Ratio Lower Upper

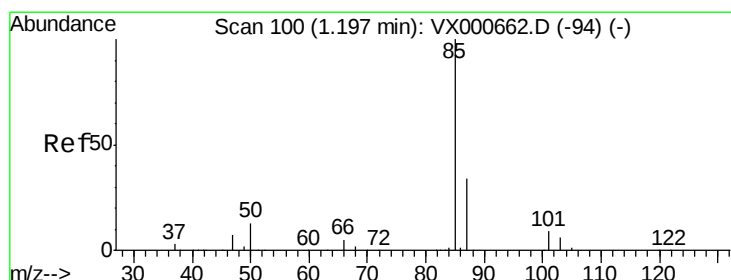
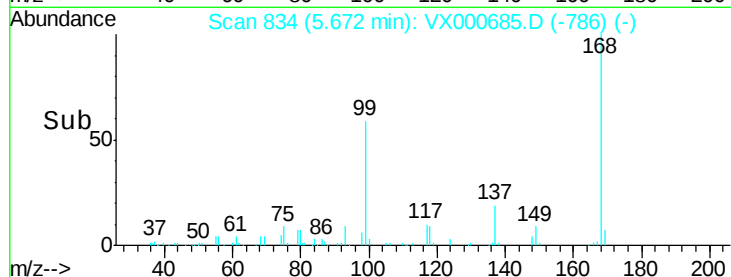
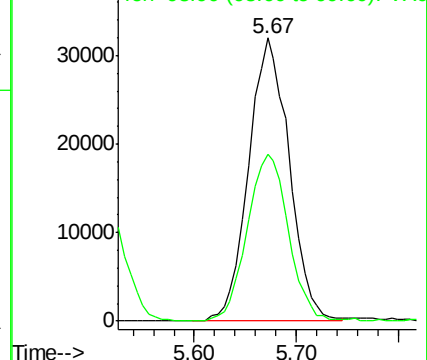
168 100

99 59.1 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.71 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000685.D

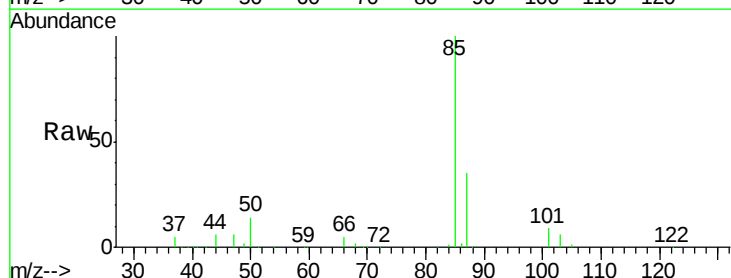
Acq: 05 Apr 2018 03:39

Tgt Ion: 85 Resp: 60052

Ion Ratio Lower Upper

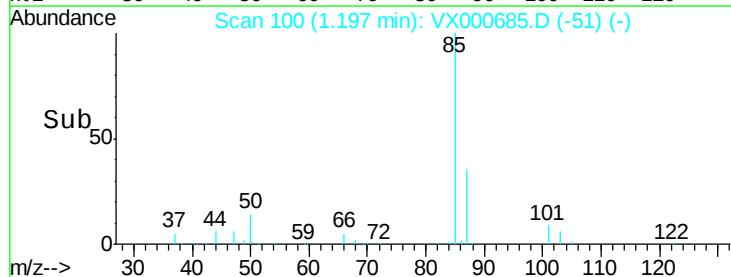
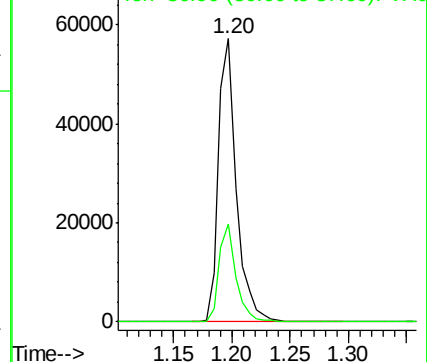
85 100

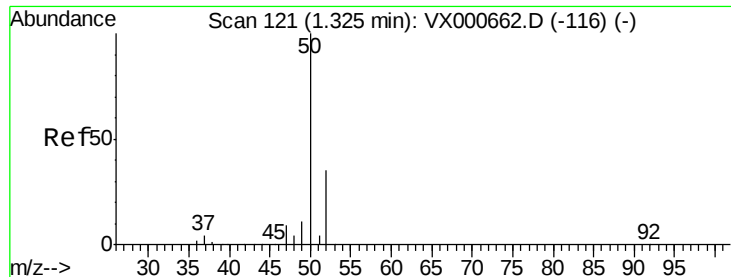
87 34.5 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.20 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

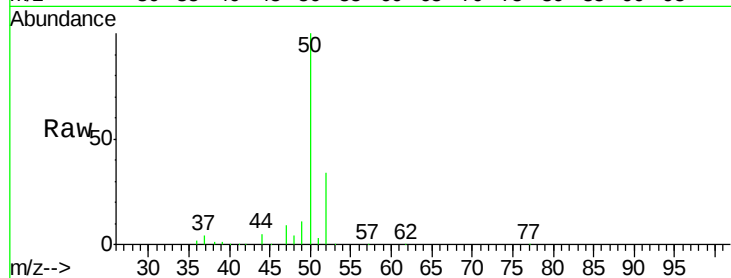
VSTDCCC050EC

Tgt Ion: 50 Resp: 48849

Ion Ratio Lower Upper

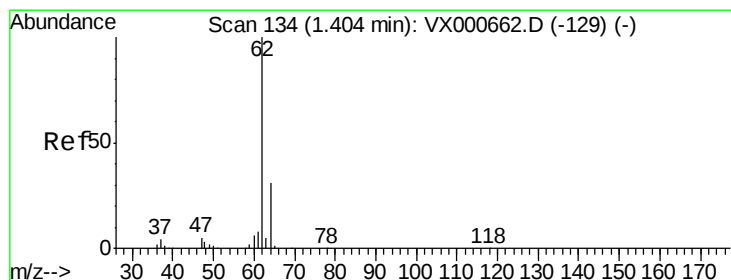
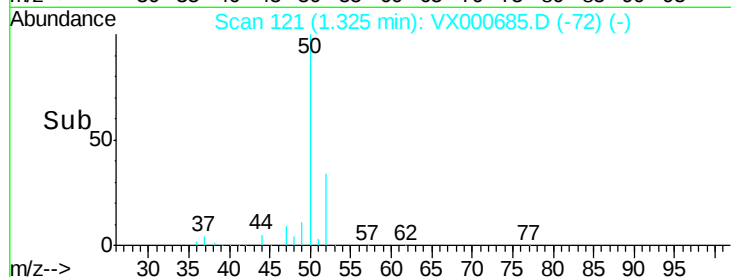
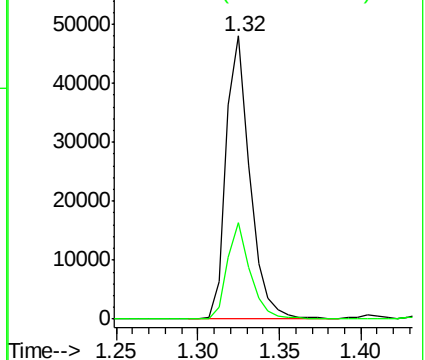
50 100

52 34.1 28.0 42.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.68 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000685.D

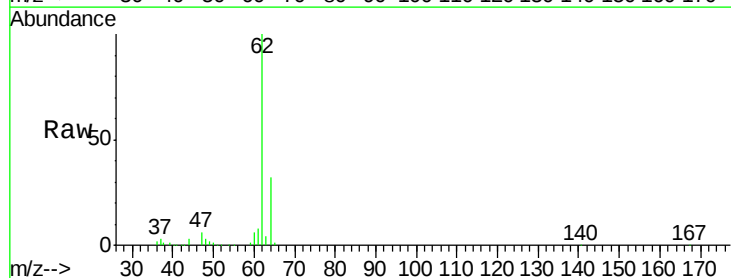
Acq: 05 Apr 2018 03:39

Tgt Ion: 62 Resp: 67331

Ion Ratio Lower Upper

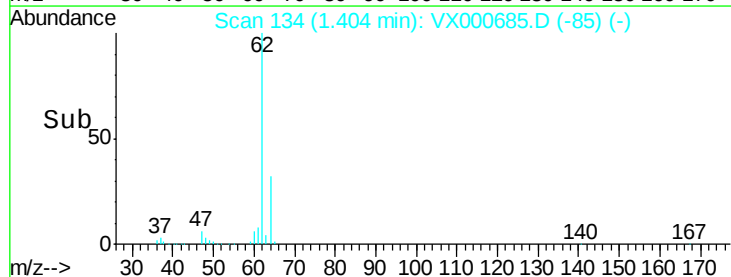
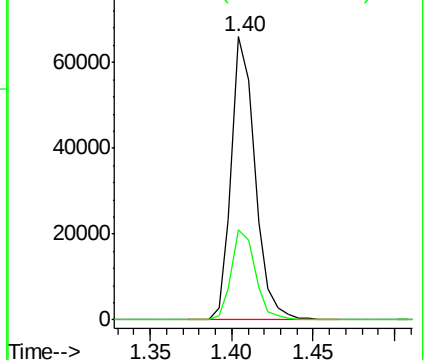
62 100

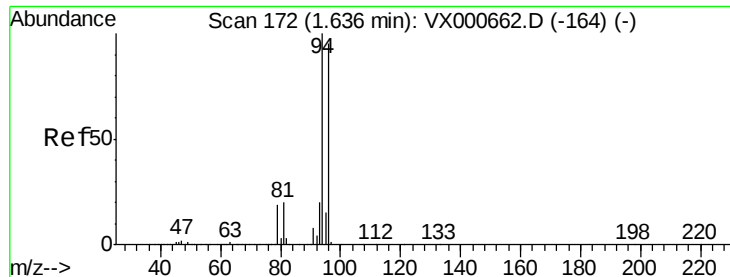
64 31.7 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 64.05 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

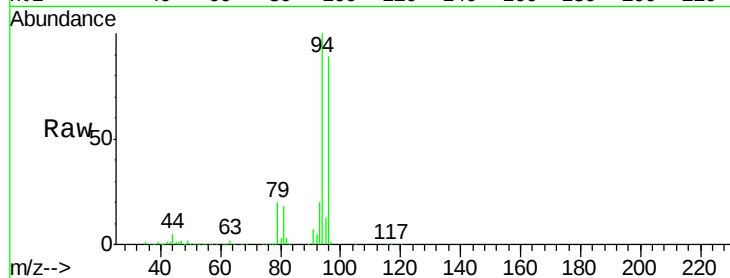
VSTDCCC050EC

Tgt Ion: 94 Resp: 82851

Ion Ratio Lower Upper

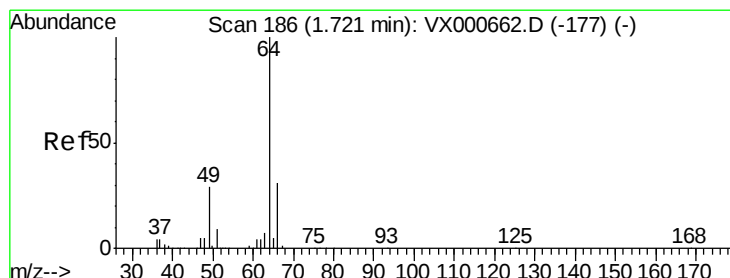
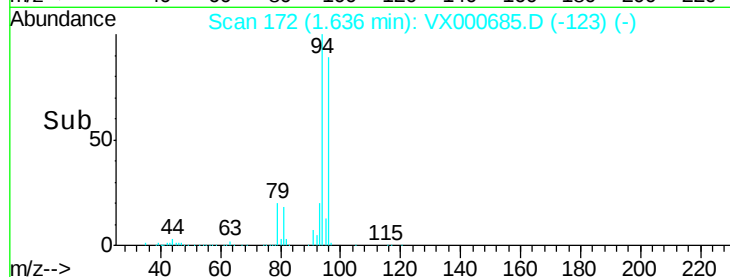
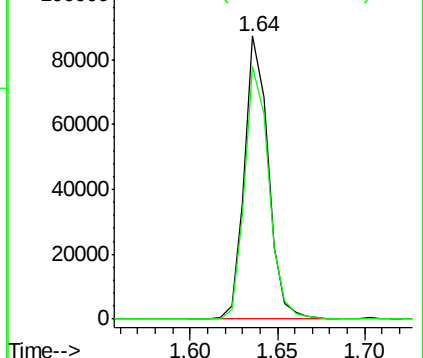
94 100

96 89.1 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.24 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000685.D

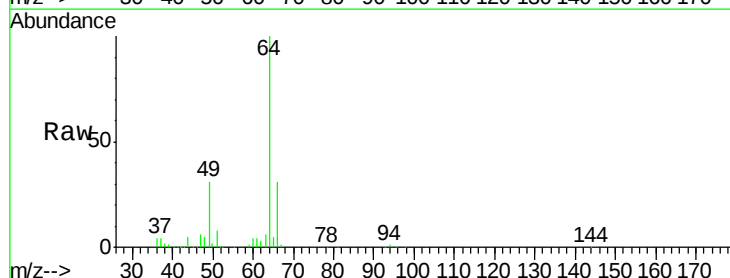
Acq: 05 Apr 2018 03:39

Tgt Ion: 64 Resp: 48139

Ion Ratio Lower Upper

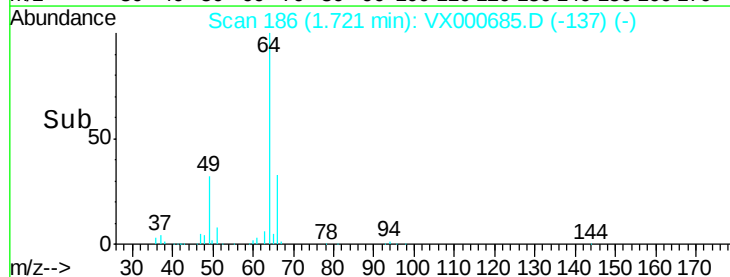
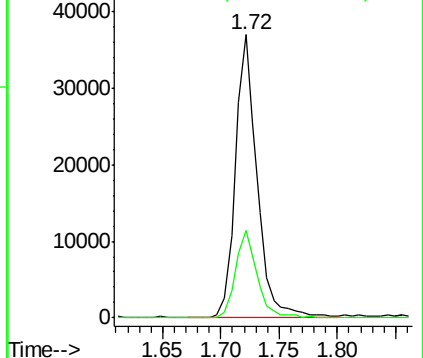
64 100

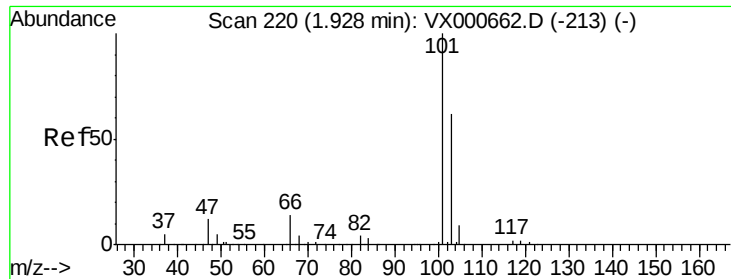
66 30.9 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 49.25 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

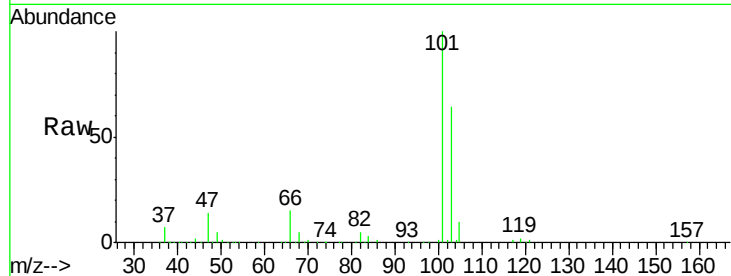
VSTDCCC050EC

Tgt Ion:101 Resp: 116005

Ion Ratio Lower Upper

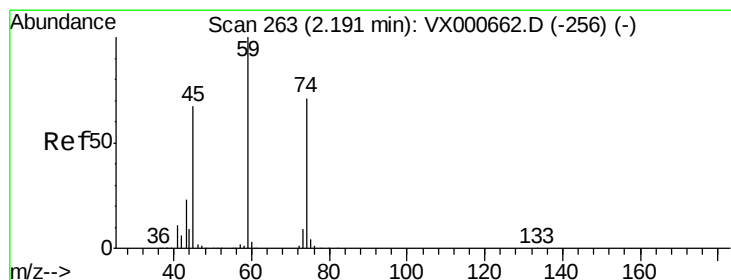
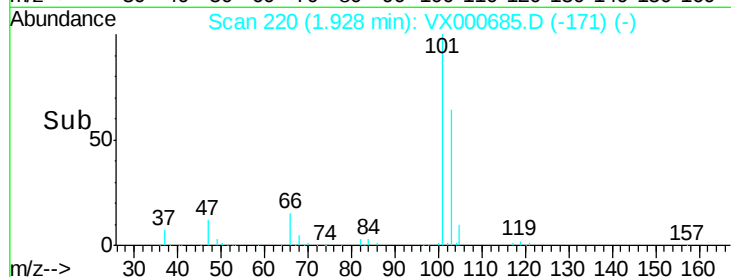
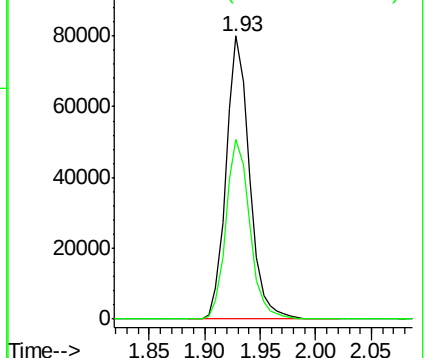
101 100

103 63.5 49.4 74.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 48.14 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX000685.D

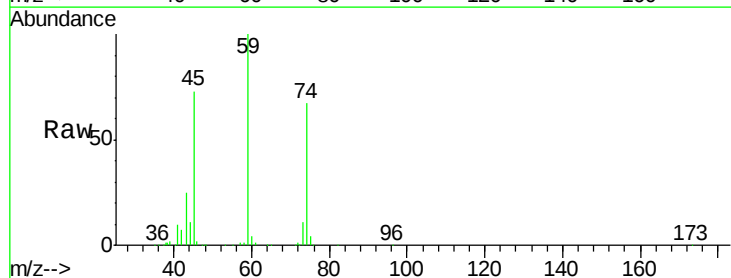
Acq: 05 Apr 2018 03:39

Tgt Ion: 74 Resp: 42062

Ion Ratio Lower Upper

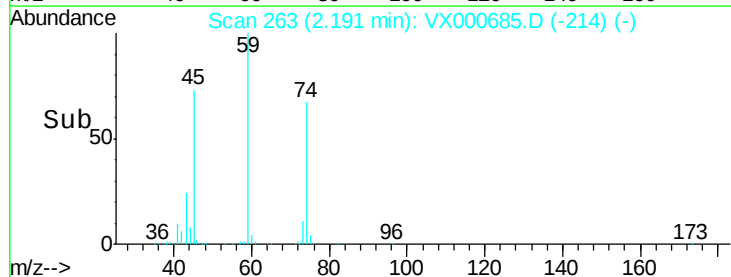
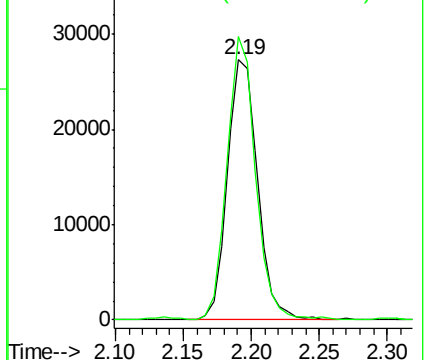
74 100

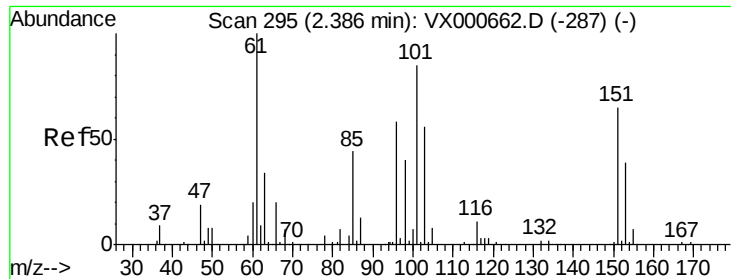
45 103.4 47.9 143.7



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

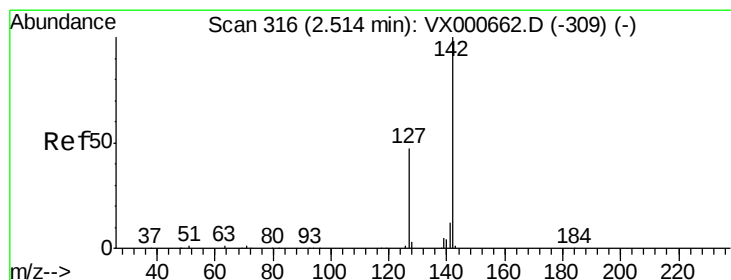
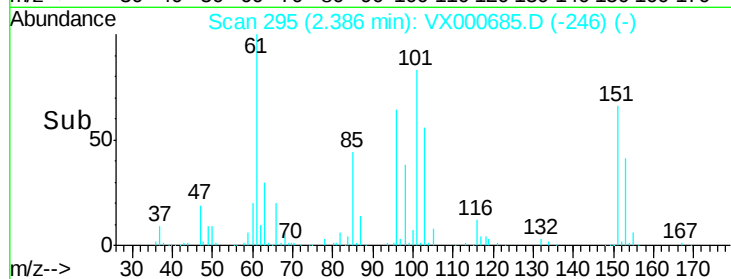
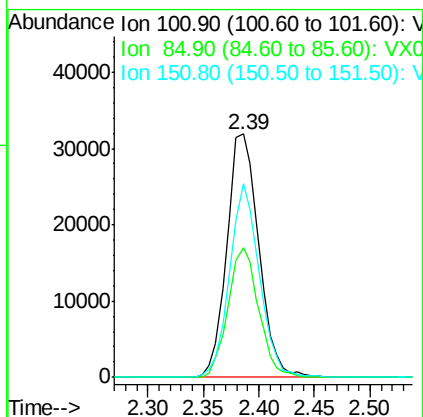
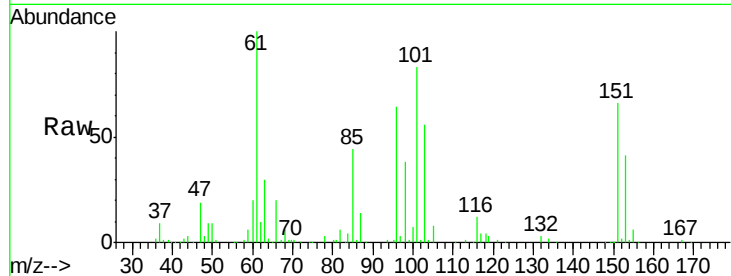




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.98 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

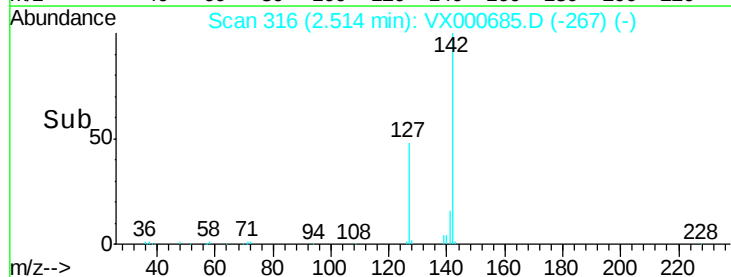
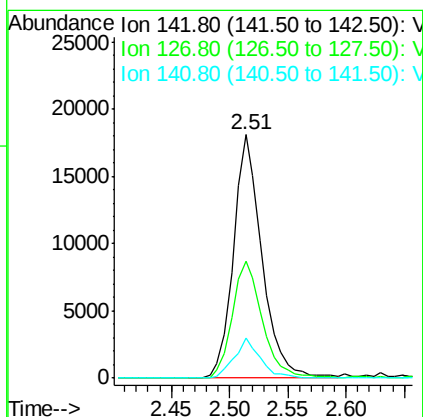
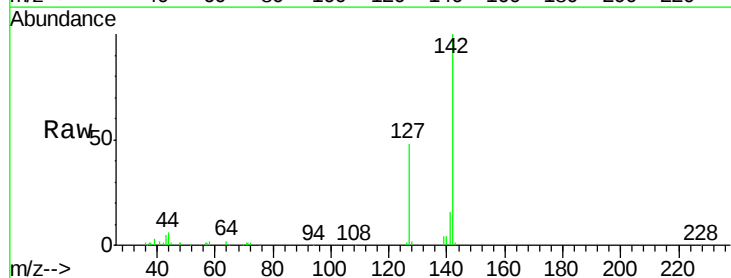
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

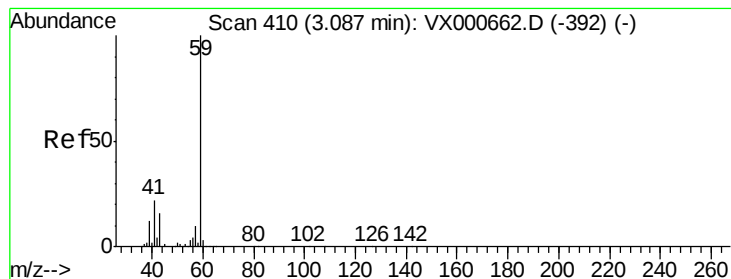
Tgt Ion:101 Resp: 63586
 Ion Ratio Lower Upper
 101 100
 85 51.1 40.0 60.0
 151 74.2 57.4 86.2



#10
 Methyl Iodide
 Concen: 36.00 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion:142 Resp: 30975
 Ion Ratio Lower Upper
 142 100
 127 50.7 40.7 61.1
 141 15.0 11.1 16.7



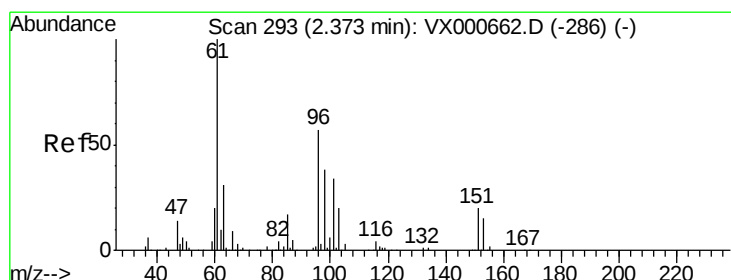
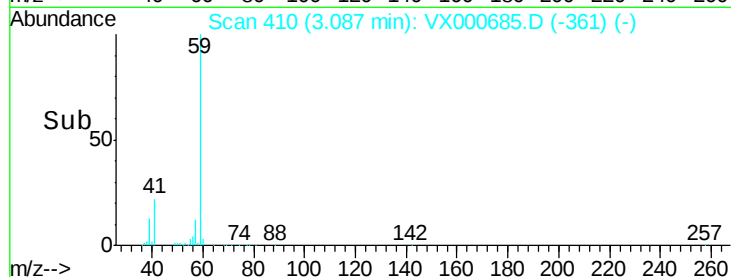
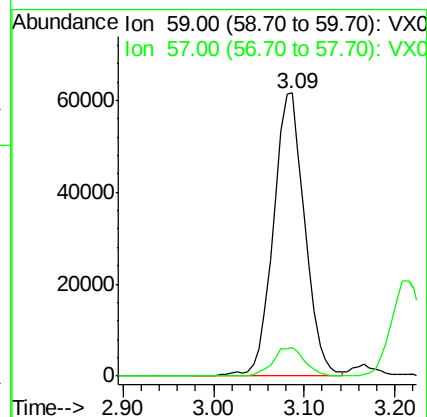
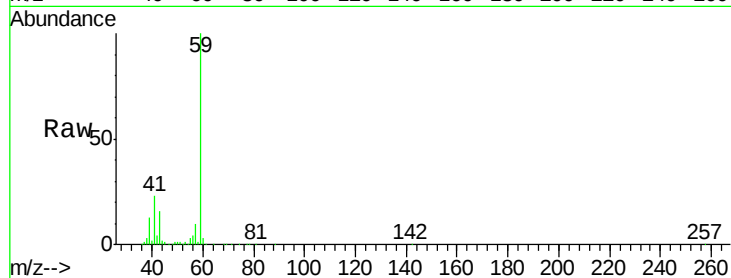


#11

Tert butyl alcohol
Concen: 254.10 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

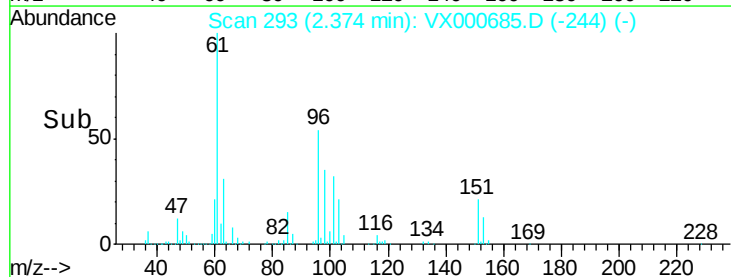
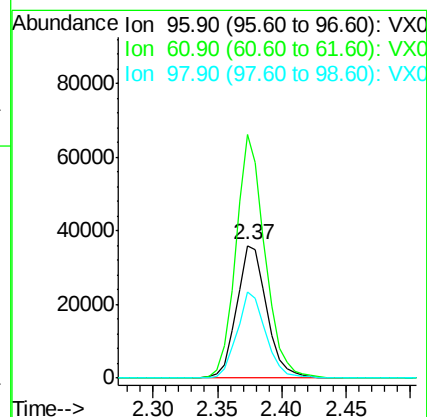
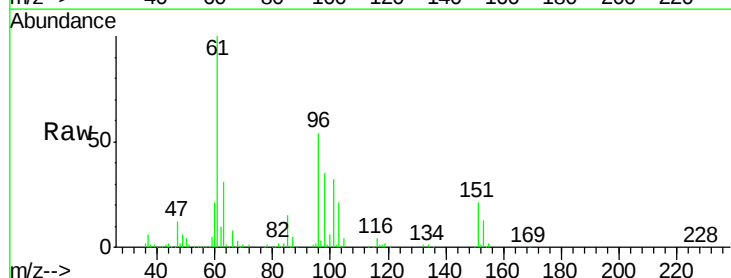
Tgt Ion: 59 Resp: 147939
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

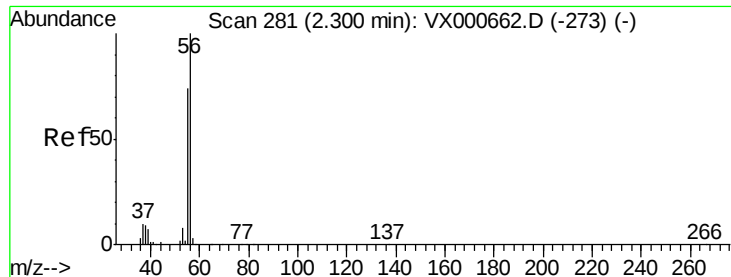


#12

1,1-Dichloroethene
Concen: 48.81 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion: 96 Resp: 58547
Ion Ratio Lower Upper
96 100
61 183.9 140.2 210.2
98 65.0 52.6 79.0





#13

Acrolein

Concen: 220.78 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

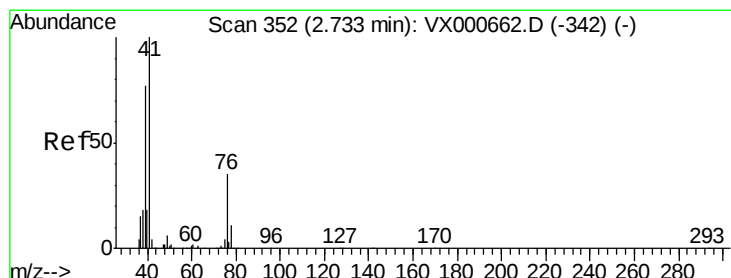
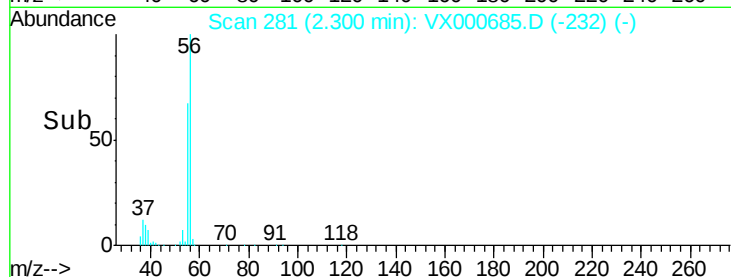
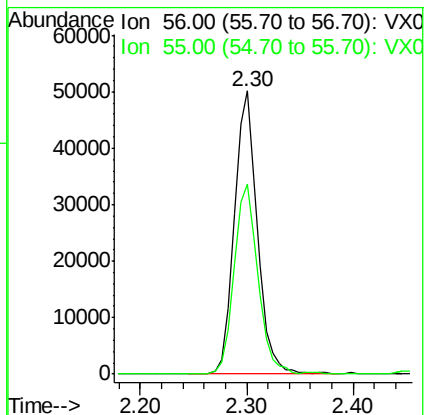
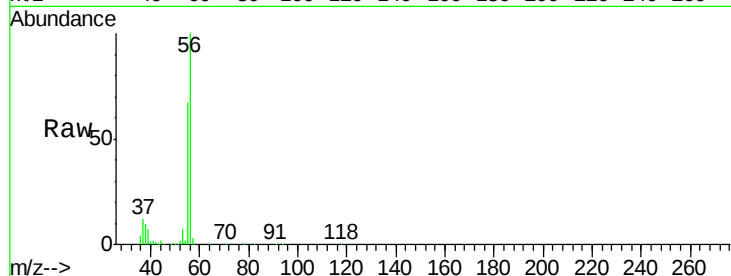
VSTDCCC050EC

Tgt Ion: 56 Resp: 76199

Ion Ratio Lower Upper

56 100

55 69.9 58.1 87.1



#14

Allyl chloride

Concen: 48.51 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

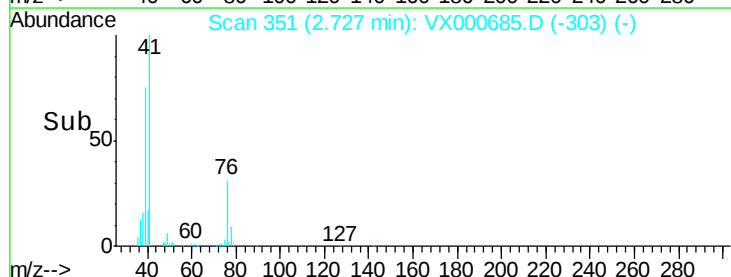
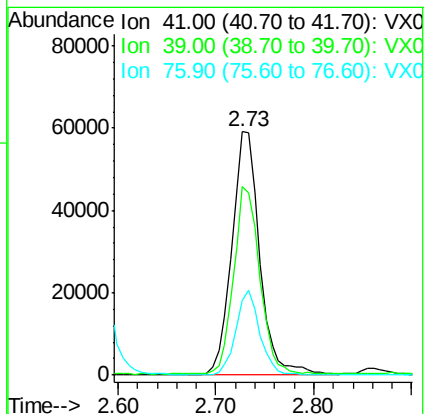
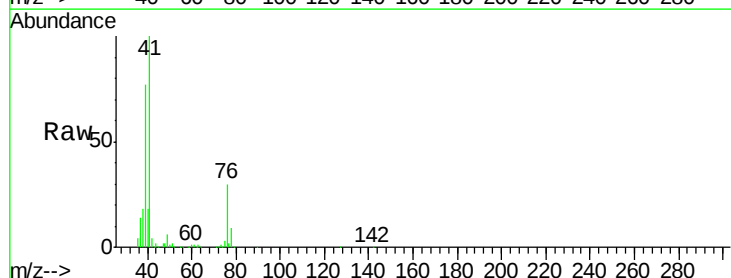
Tgt Ion: 41 Resp: 116697

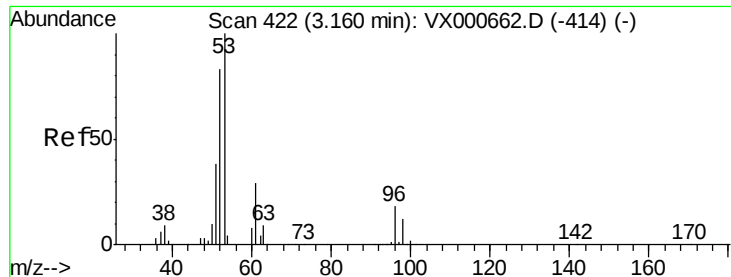
Ion Ratio Lower Upper

41 100

39 72.2 57.0 85.6

76 30.1 23.9 35.9





#15

Acrylonitrile

Concen: 262.39 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

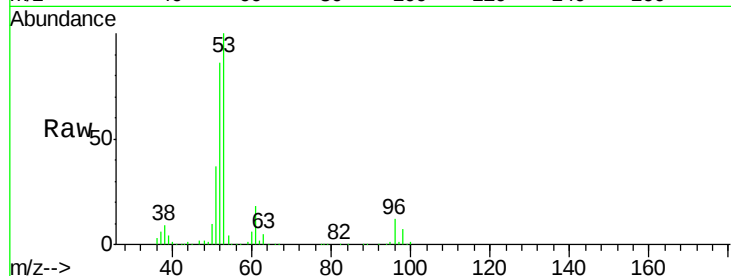
Tgt Ion: 53 Resp: 281739

Ion Ratio Lower Upper

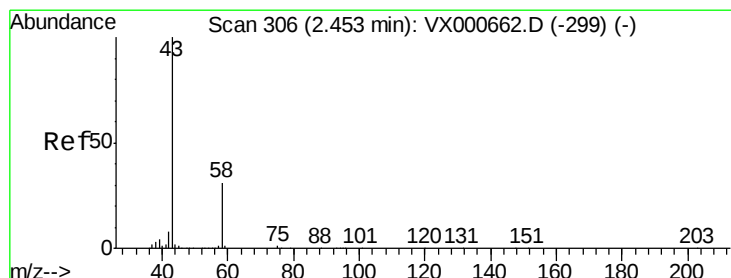
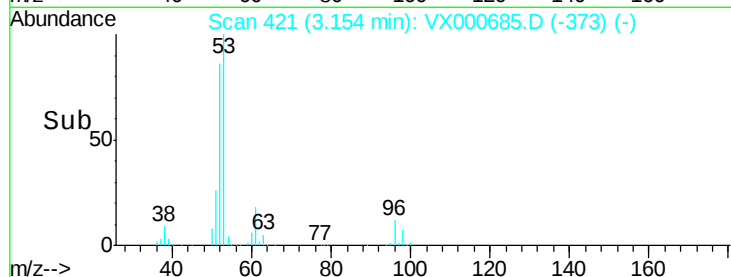
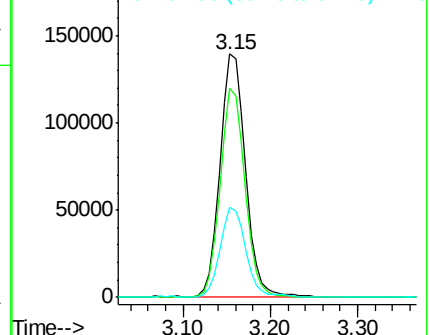
53 100

52 83.5 66.5 99.7

51 37.4 30.6 46.0



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



#16

Acetone

Concen: 230.67 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000685.D

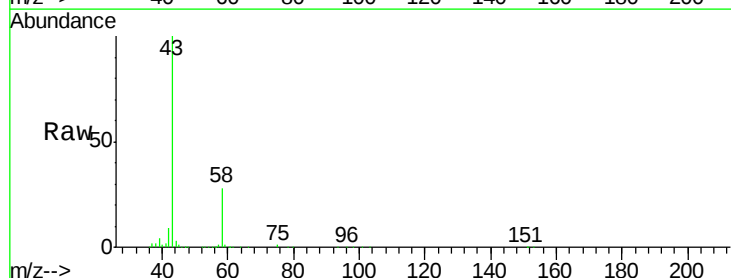
Acq: 05 Apr 2018 03:39

Tgt Ion: 43 Resp: 284911

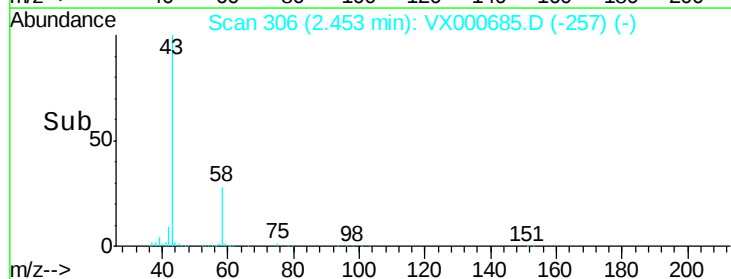
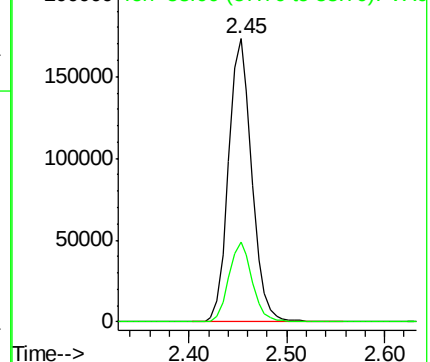
Ion Ratio Lower Upper

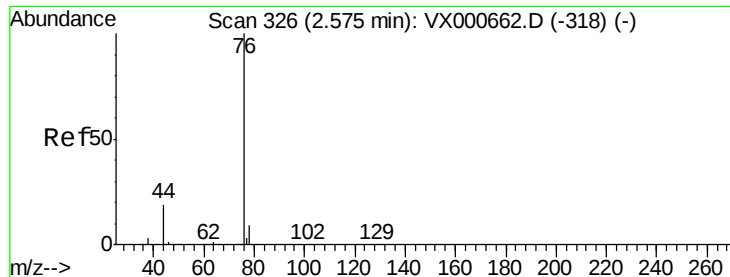
43 100

58 28.4 24.7 37.1



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





#17

Carbon Disulfide

Concen: 45.64 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

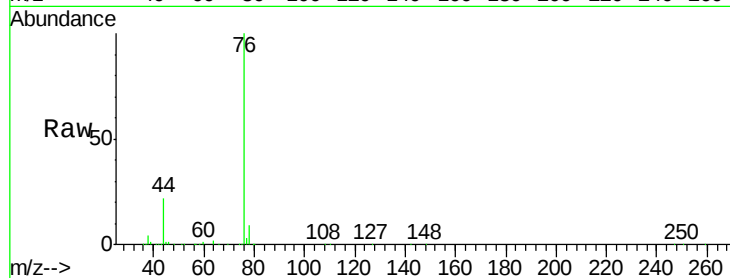
VSTDCCC050EC

Tgt Ion: 76 Resp: 128666

Ion Ratio Lower Upper

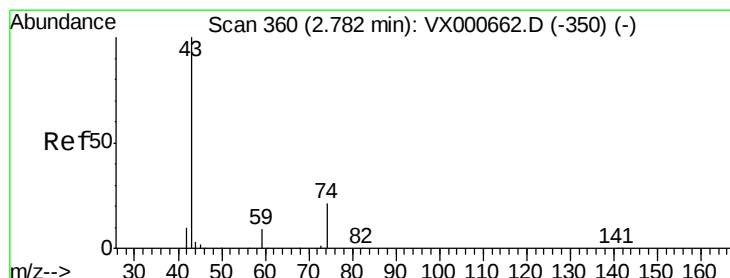
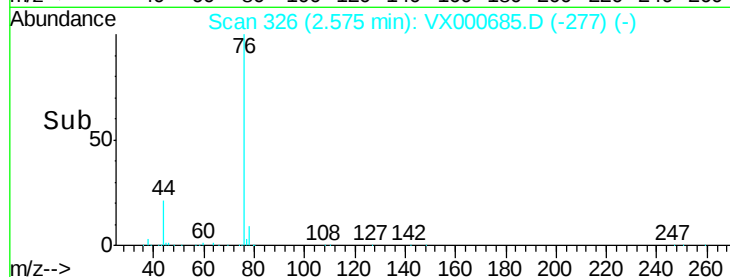
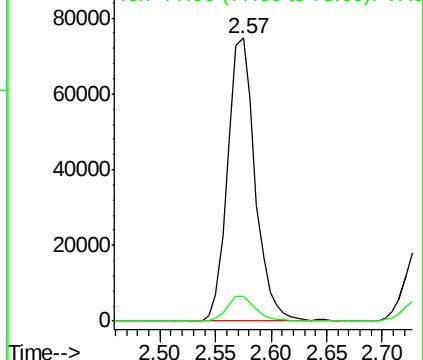
76 100

78 8.8 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.07 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX000685.D

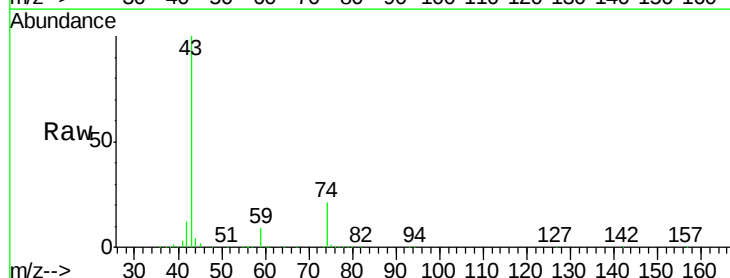
Acq: 05 Apr 2018 03:39

Tgt Ion: 43 Resp: 146179

Ion Ratio Lower Upper

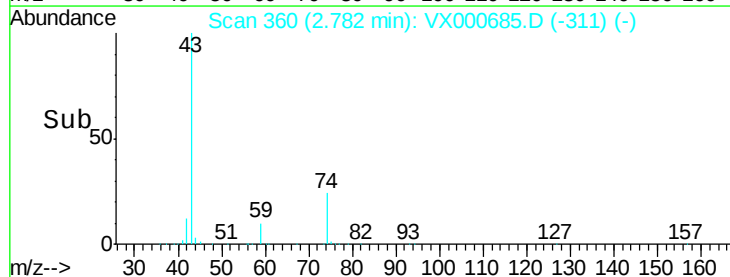
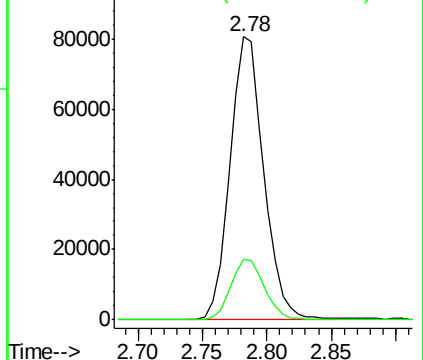
43 100

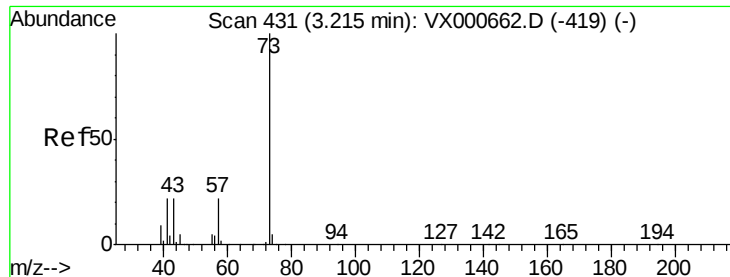
74 22.1 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

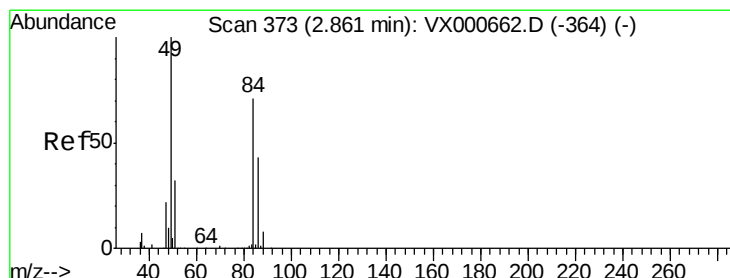
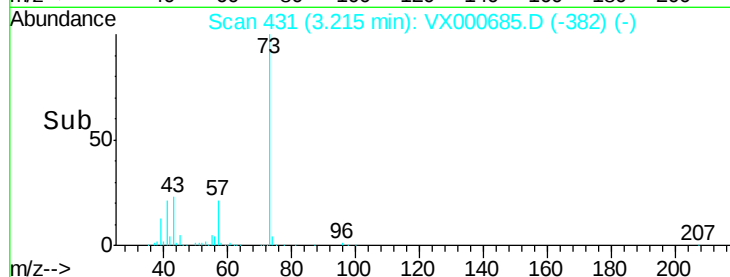
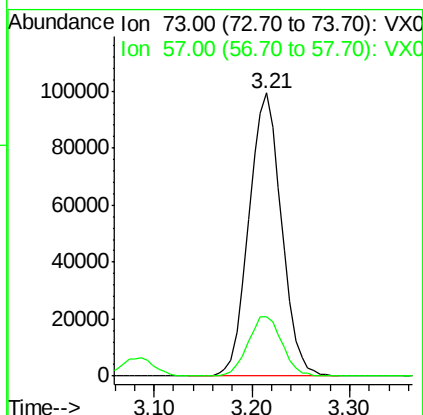
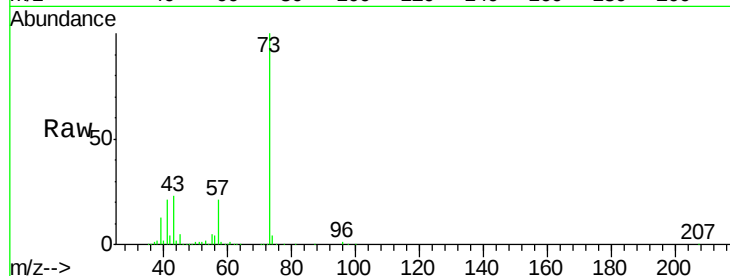




#19
Methyl tert-butyl Ether
Concen: 53.17 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

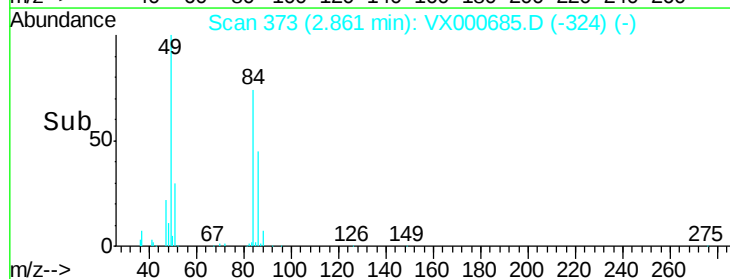
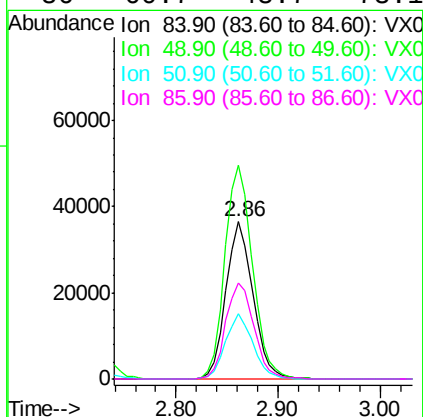
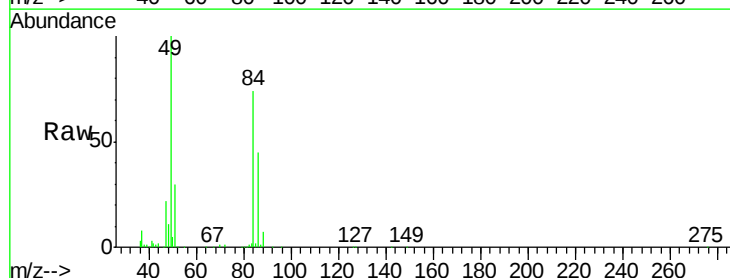
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

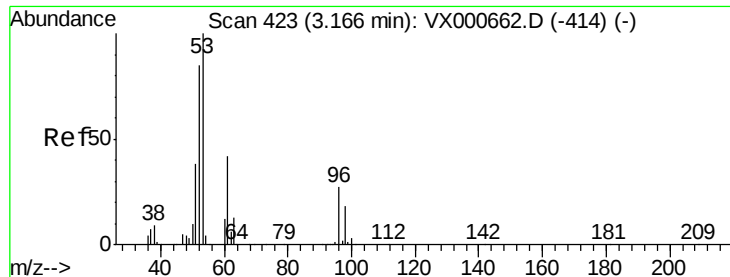
Tgt Ion: 73 Resp: 230574
Ion Ratio Lower Upper
73 100
57 20.8 17.8 26.6



#20
Methylene Chloride
Concen: 47.73 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion: 84 Resp: 67235
Ion Ratio Lower Upper
84 100
49 135.7 112.1 168.1
51 41.2 35.4 53.0
86 60.7 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 48.08 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

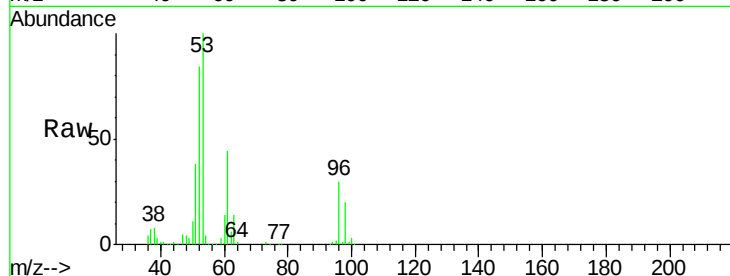
Tgt Ion: 96 Resp: 62532

Ion Ratio Lower Upper

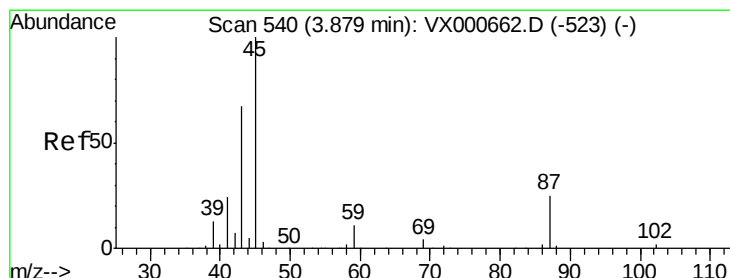
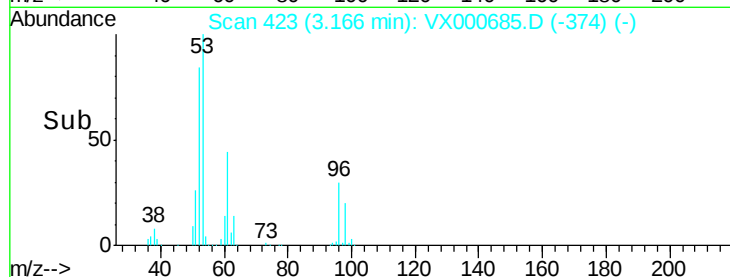
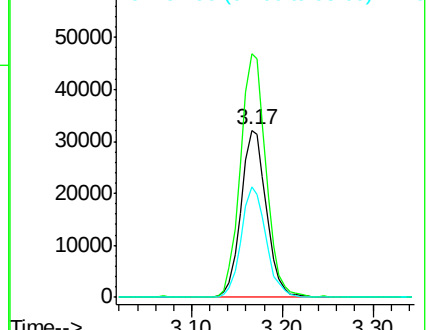
96 100

61 145.1 123.5 185.3

98 65.7 51.9 77.9



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



#22

Diisopropyl ether

Concen: 47.95 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Tgt Ion: 45 Resp: 164159

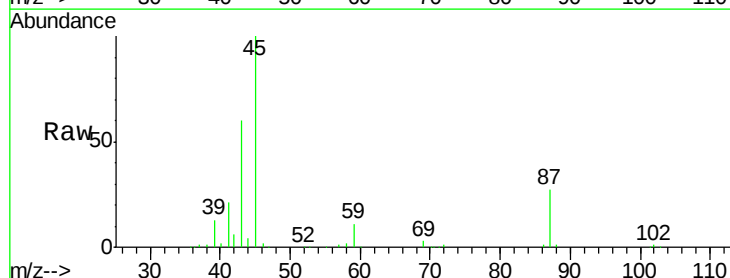
Ion Ratio Lower Upper

45 100

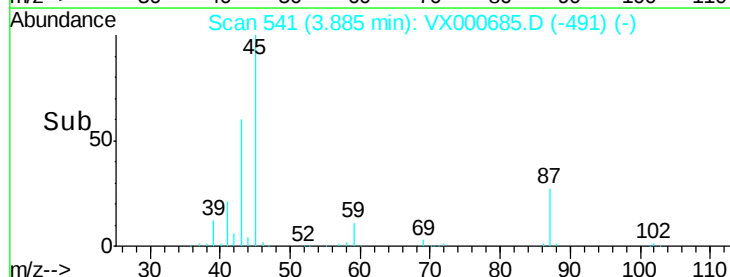
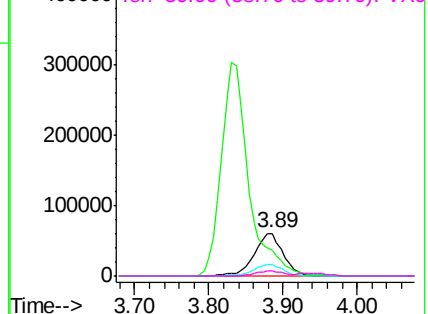
43 59.5 53.8 80.8

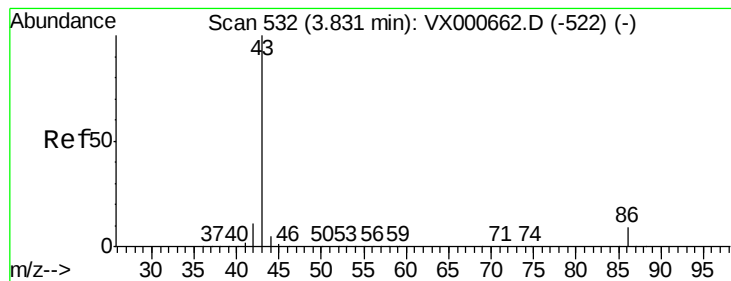
87 26.8 19.8 29.6

59 11.0 8.6 12.8



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: 235.92 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

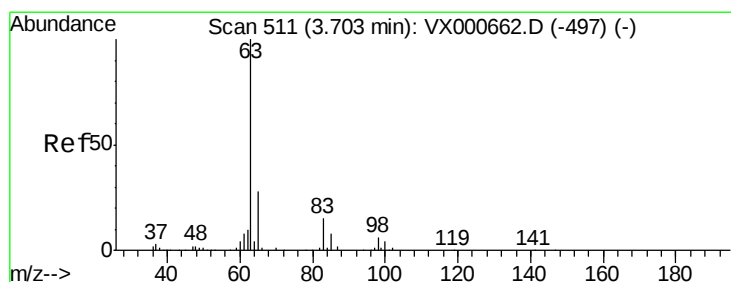
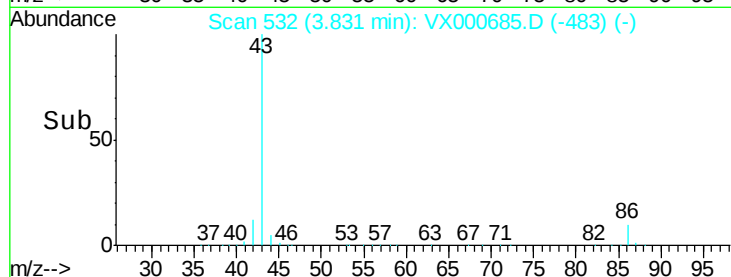
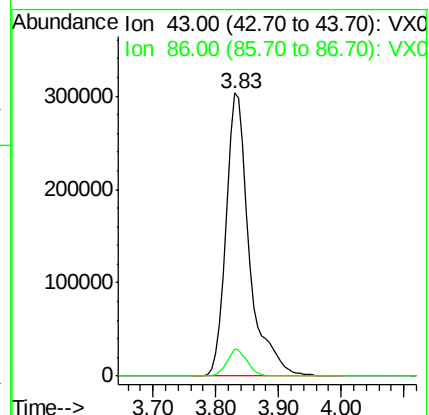
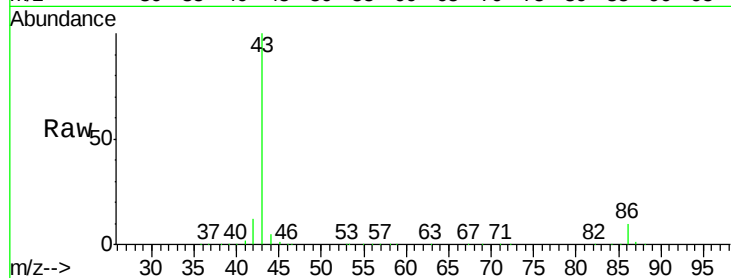
VSTDCCC050EC

Tgt Ion: 43 Resp: 780966

Ion Ratio Lower Upper

43 100

86 9.5 7.4 11.2



#24

1,1-Dichloroethane

Concen: 49.00 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

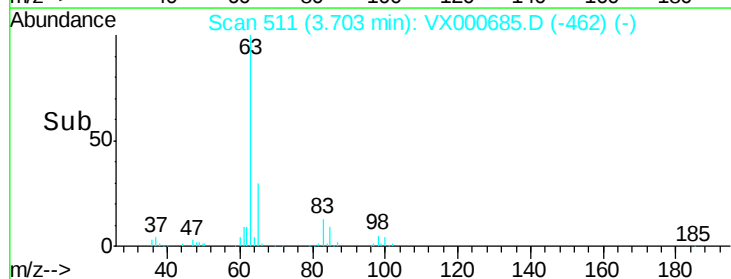
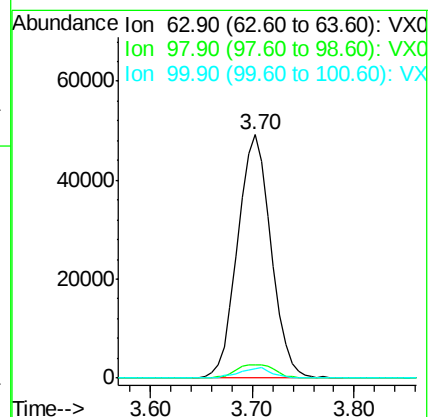
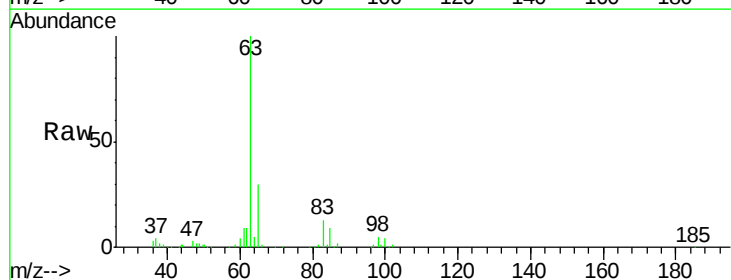
Tgt Ion: 63 Resp: 111509

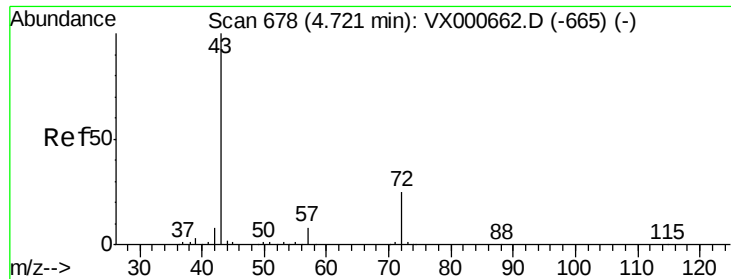
Ion Ratio Lower Upper

63 100

98 5.5 3.0 9.0

100 3.7 2.1 6.2





#25

2-Butanone

Concen: 264.45 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

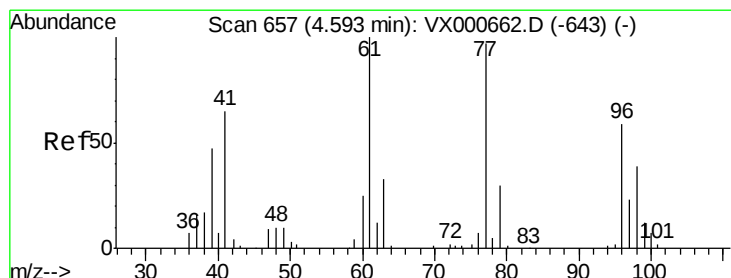
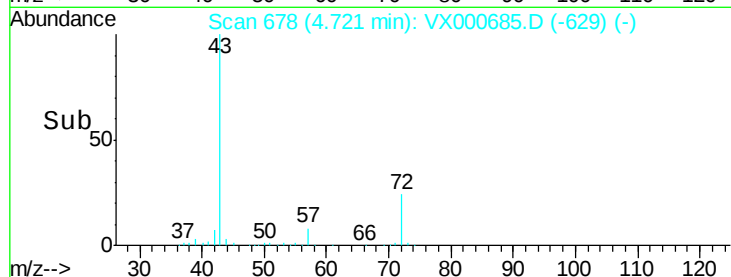
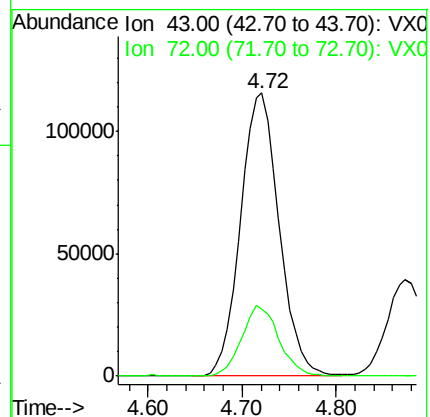
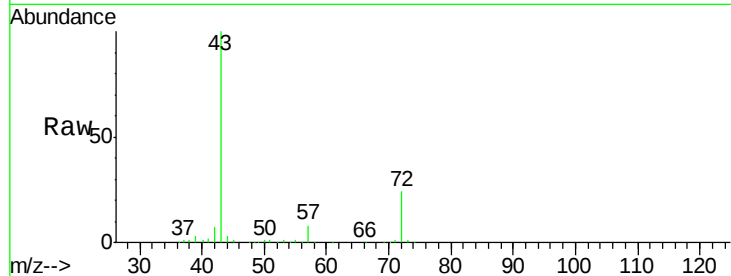
VSTDCCC050EC

Tgt Ion: 43 Resp: 331105

Ion Ratio Lower Upper

43 100

72 23.7 20.0 30.0



#26

2,2-Dichloropropane

Concen: 46.05 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000685.D

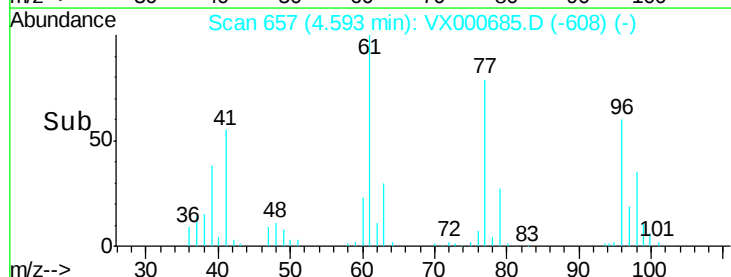
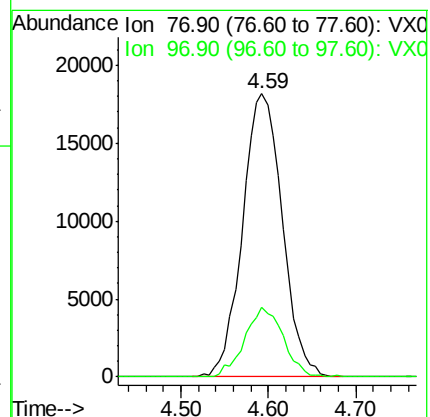
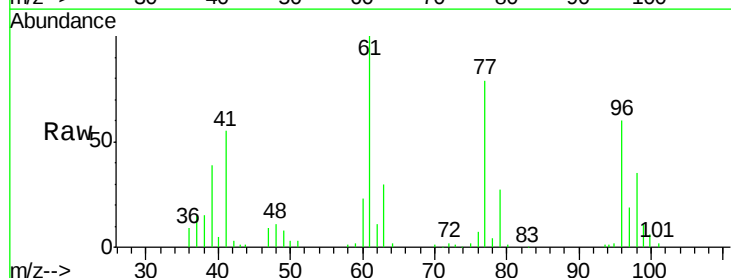
Acq: 05 Apr 2018 03:39

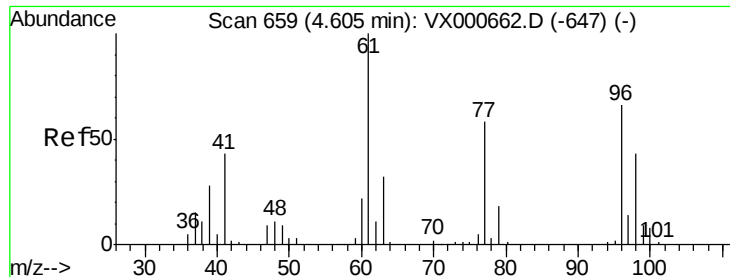
Tgt Ion: 77 Resp: 57375

Ion Ratio Lower Upper

77 100

97 23.8 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 51.72 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

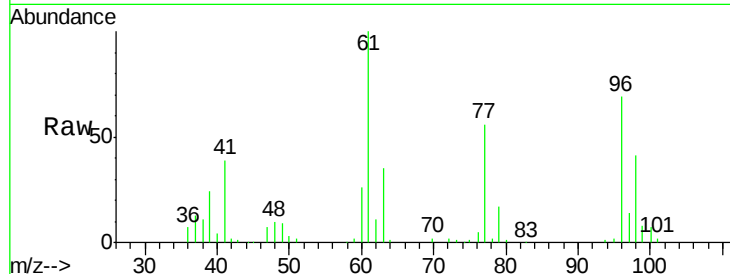
Tgt Ion: 96 Resp: 50927

Ion Ratio Lower Upper

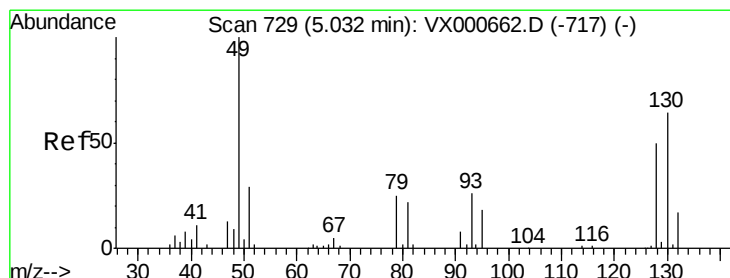
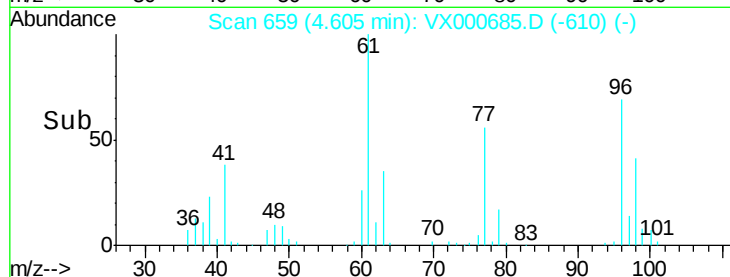
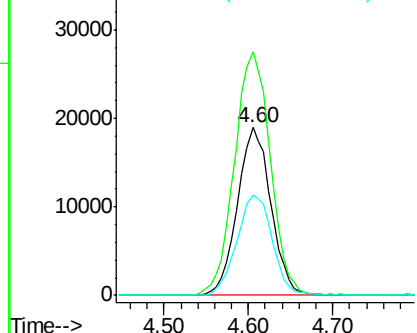
96 100

61 155.8 0.0 309.4

98 63.1 0.0 129.2



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



#28

Bromochloromethane

Concen: 53.35 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

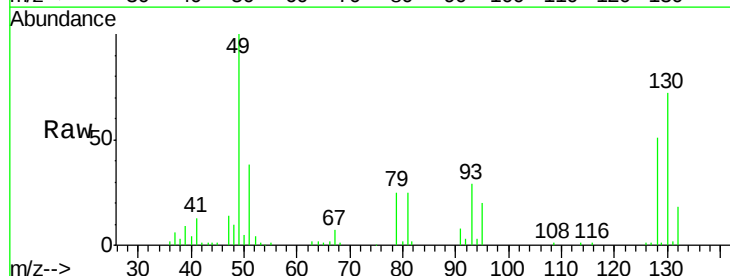
Tgt Ion: 49 Resp: 45484

Ion Ratio Lower Upper

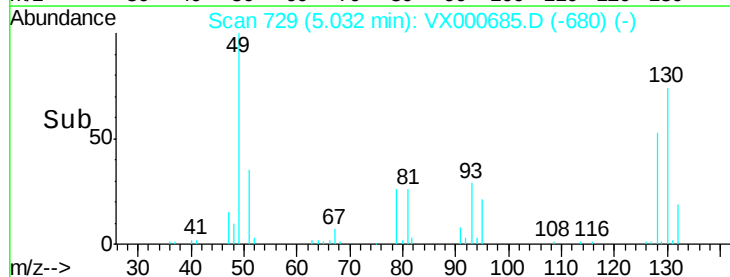
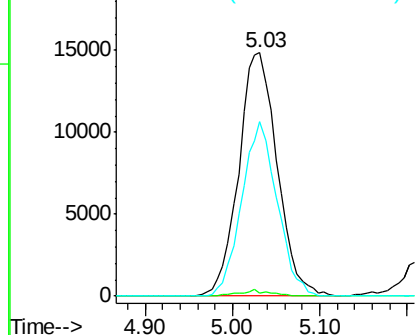
49 100

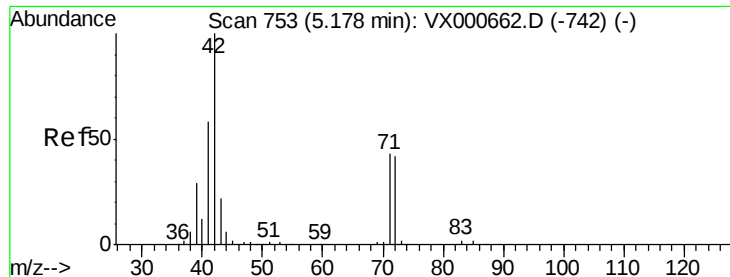
129 2.1 0.0 4.8

130 66.0 53.8 80.6



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

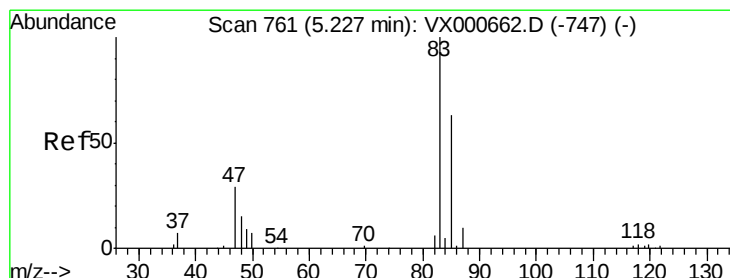
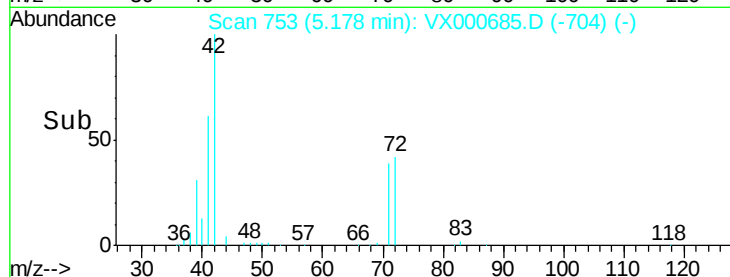
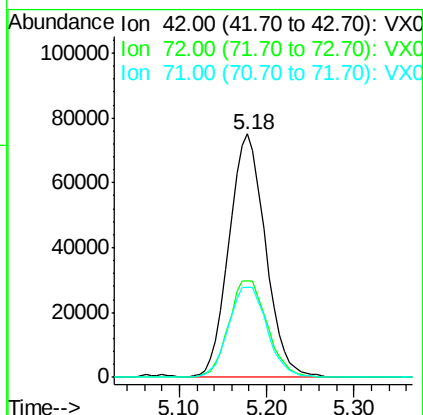
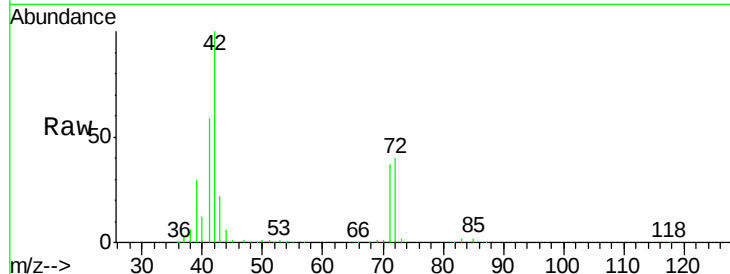




#29
Tetrahydrofuran
Concen: 268.71 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

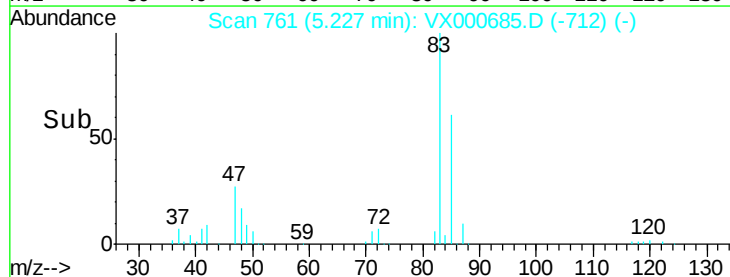
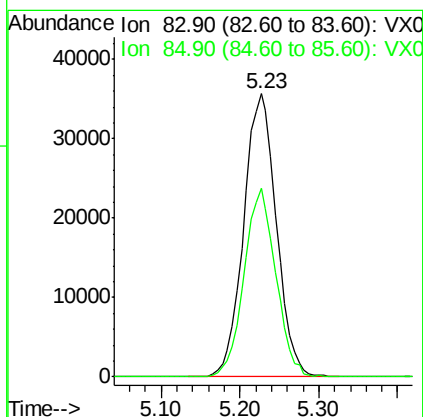
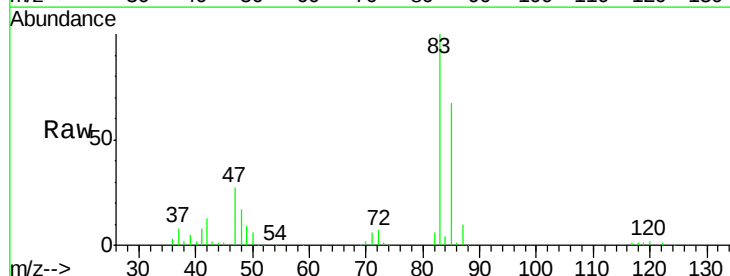
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

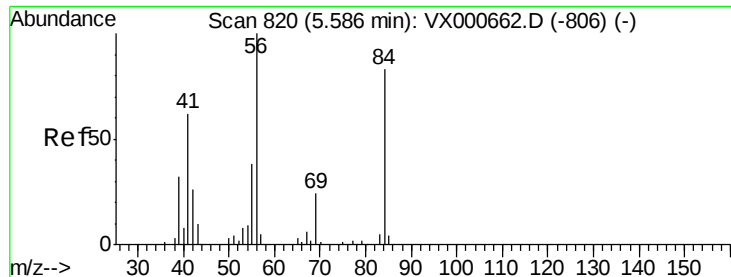
Tgt Ion: 42 Resp: 216468
Ion Ratio Lower Upper
42 100
72 42.2 34.5 51.7
71 39.4 32.2 48.2



#30
Chloroform
Concen: 53.27 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion: 83 Resp: 102765
Ion Ratio Lower Upper
83 100
85 66.6 50.2 75.4

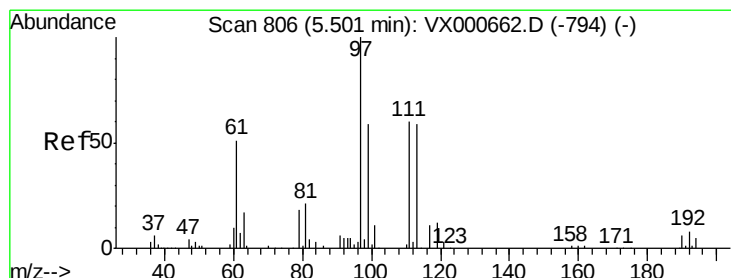
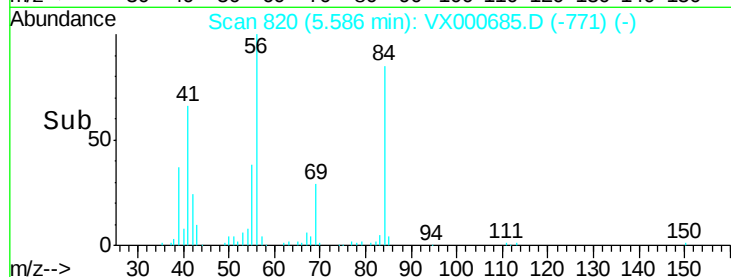
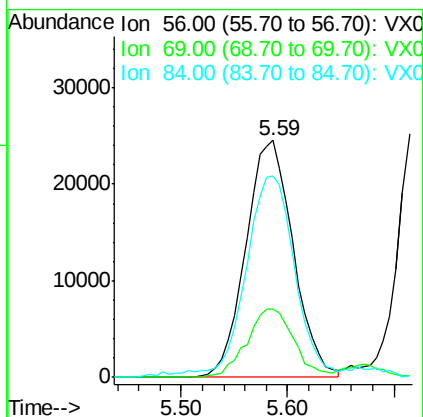
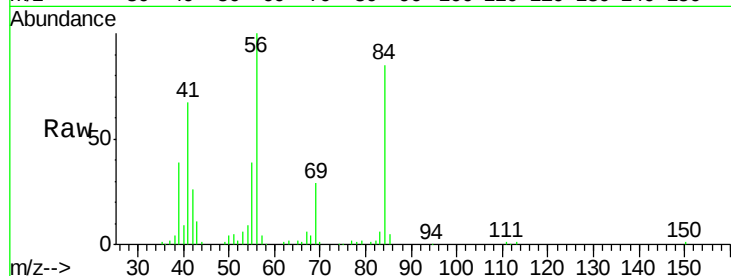




#31
Cyclohexane
Concen: 51.56 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

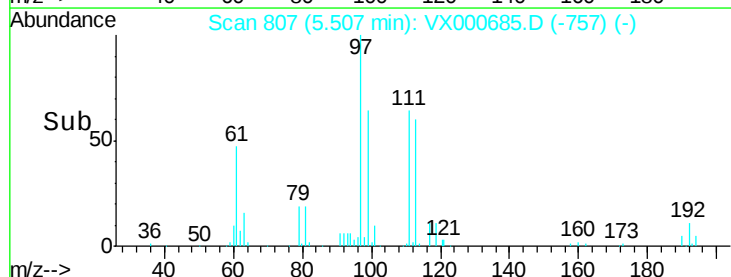
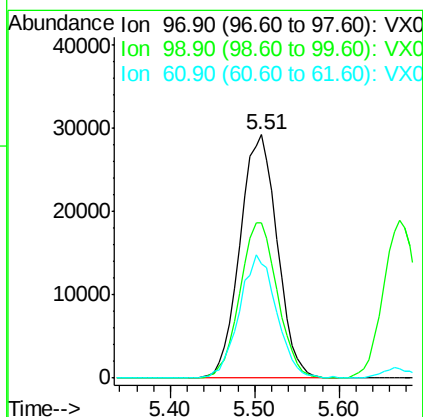
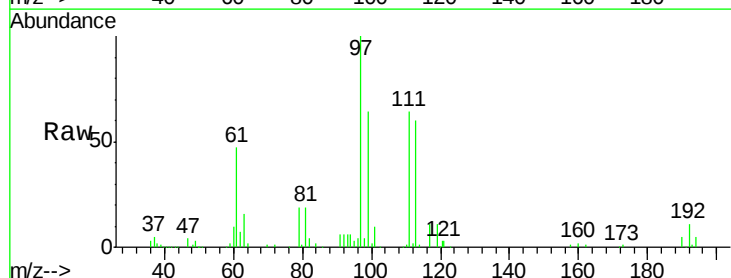
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

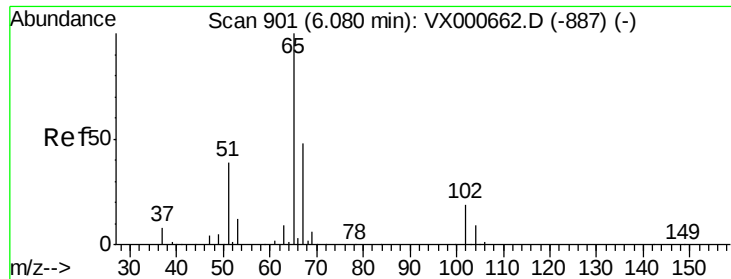
Tgt Ion: 56 Resp: 76405
Ion Ratio Lower Upper
56 100
69 28.7 19.4 29.0
84 82.9 66.8 100.2



#32
1,1,1-Trichloroethane
Concen: 55.20 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion: 97 Resp: 87639
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 50.3 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 47.98 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

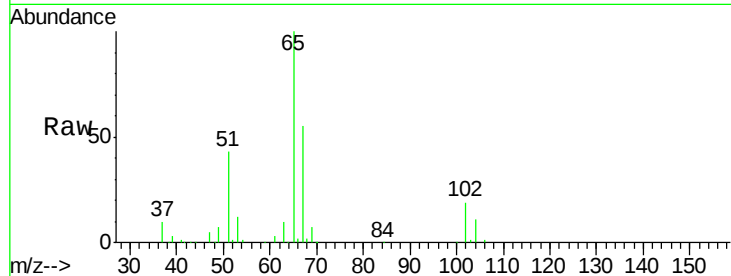
VSTDCCC050EC

Tgt Ion: 65 Resp: 72032

Ion Ratio Lower Upper

65 100

67 51.5 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

30000

25000

20000

15000

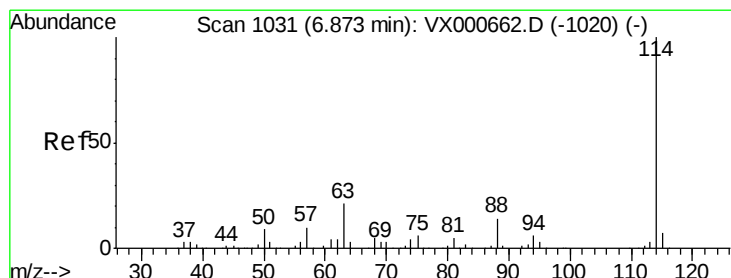
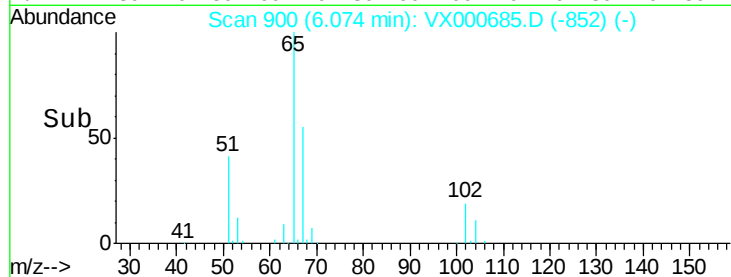
10000

5000

0

Time-->

6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

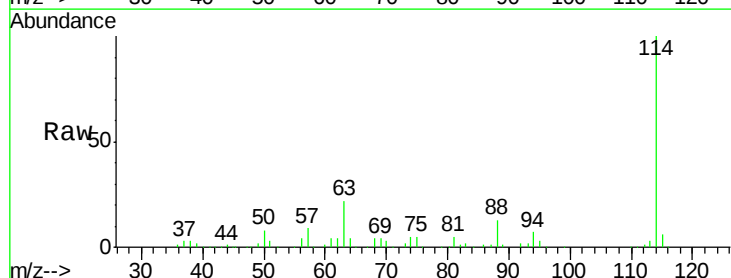
Tgt Ion: 114 Resp: 157278

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.6

88 13.0 0.0 28.6



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

6.87

80000

60000

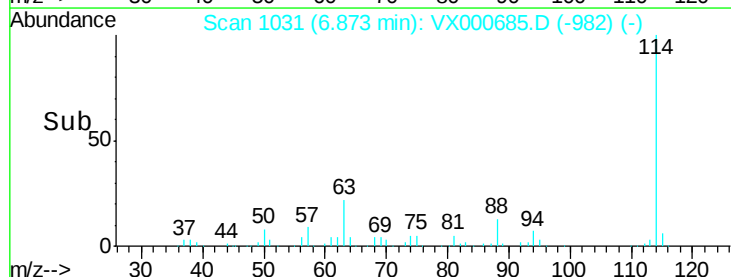
40000

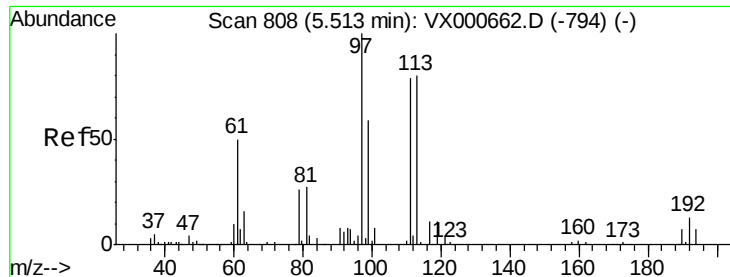
20000

0

Time-->

6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.01 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

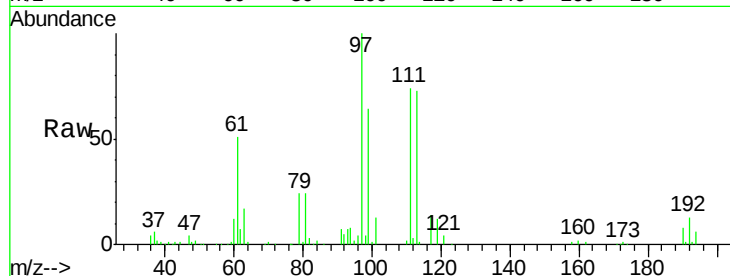
Tgt Ion:113 Resp: 52616

Ion Ratio Lower Upper

113 100

111 103.3 82.0 123.0

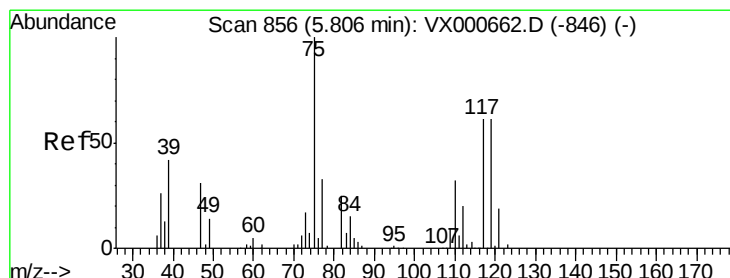
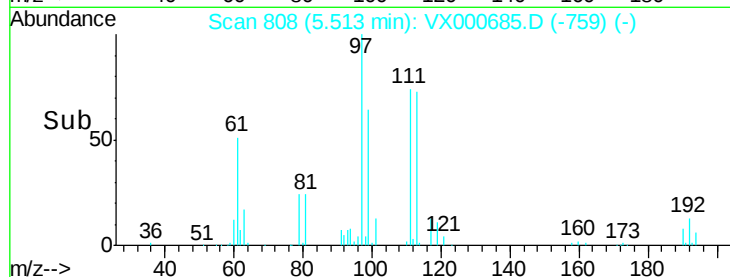
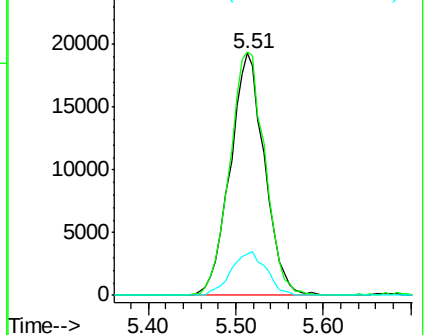
192 18.6 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.85 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

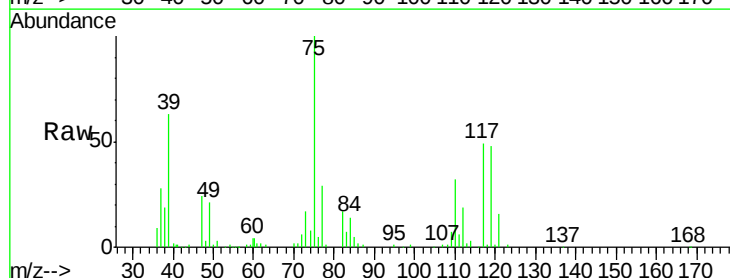
Tgt Ion: 75 Resp: 71275

Ion Ratio Lower Upper

75 100

110 33.9 16.3 48.9

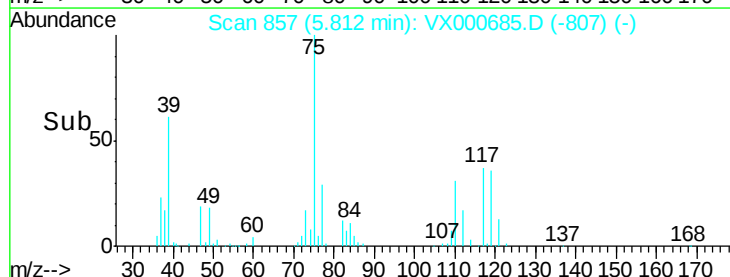
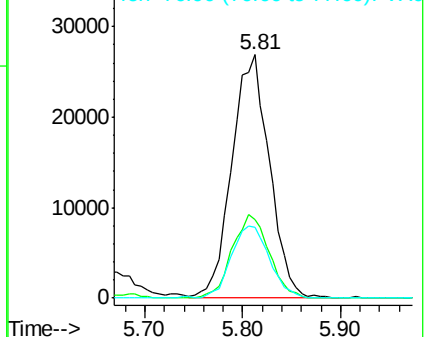
77 30.6 24.3 36.5

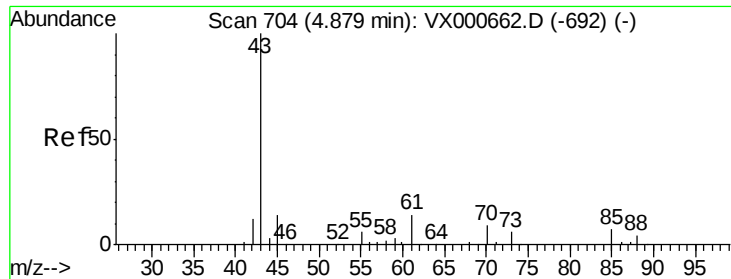


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.70 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

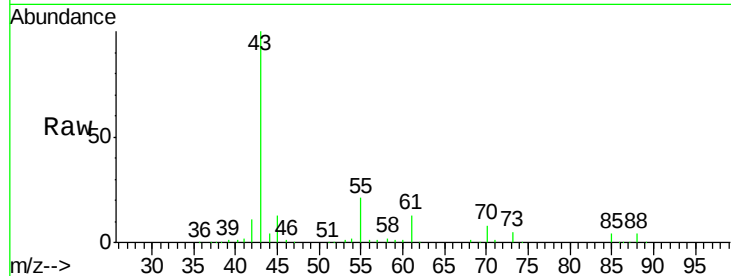
Tgt Ion: 43 Resp: 114785

Ion Ratio Lower Upper

43 100

61 12.8 10.4 15.6

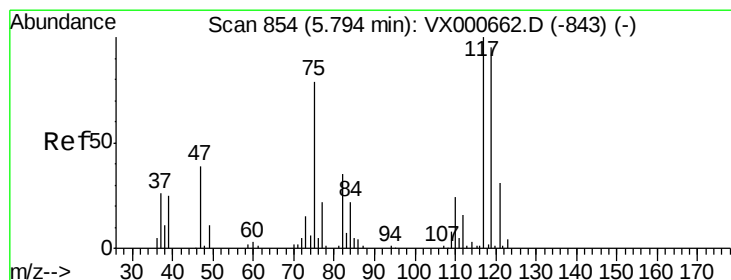
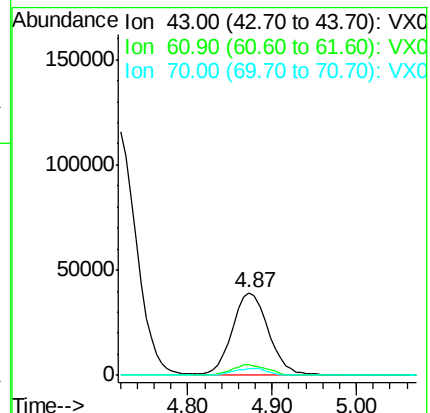
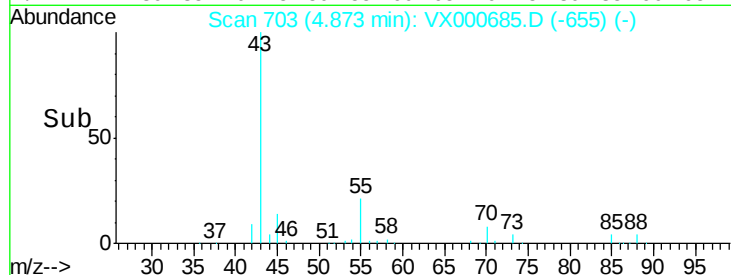
70 8.4 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VX000662.D (-692) (-)

Ion 60.90 (60.60 to 61.60): VX000662.D (-692) (-)

Ion 70.00 (69.70 to 70.70): VX000662.D (-692) (-)



#38

Carbon Tetrachloride

Concen: 51.73 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

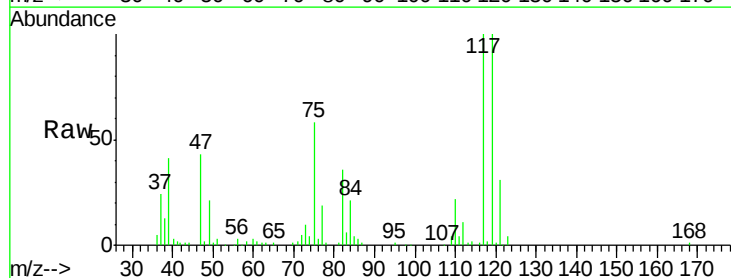
Tgt Ion: 117 Resp: 72657

Ion Ratio Lower Upper

117 100

119 99.7 76.1 114.1

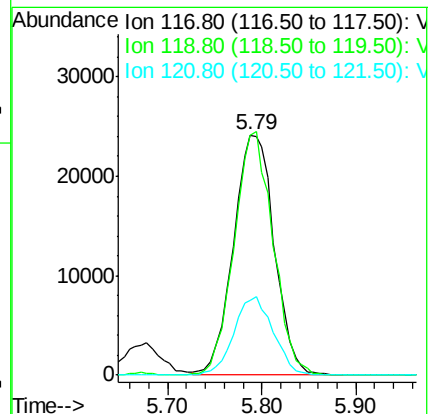
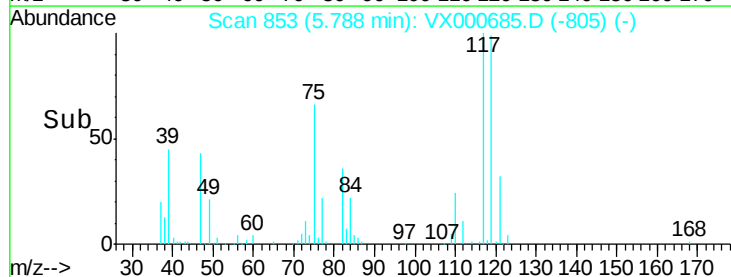
121 31.2 24.8 37.2

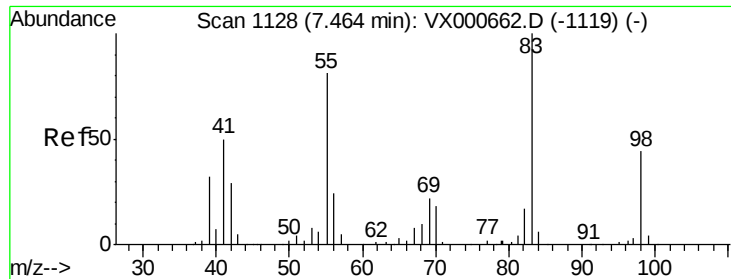


Abundance Ion 116.80 (116.50 to 117.50): VX000662.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX000662.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX000662.D (-843) (-)

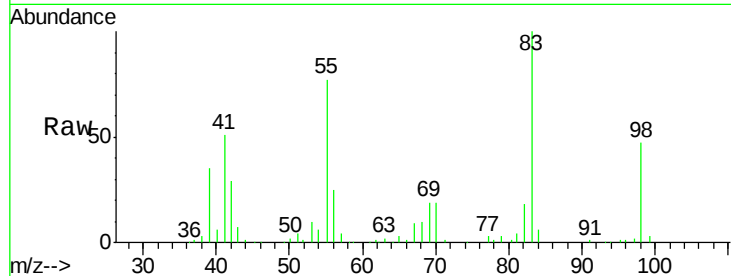




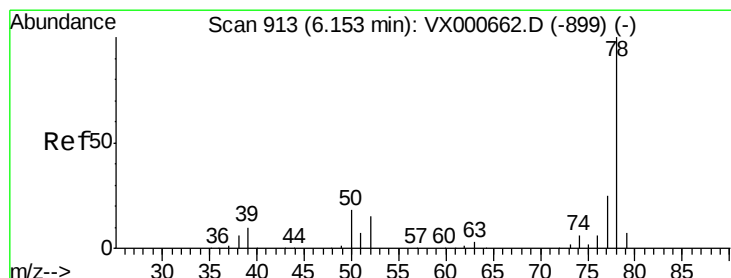
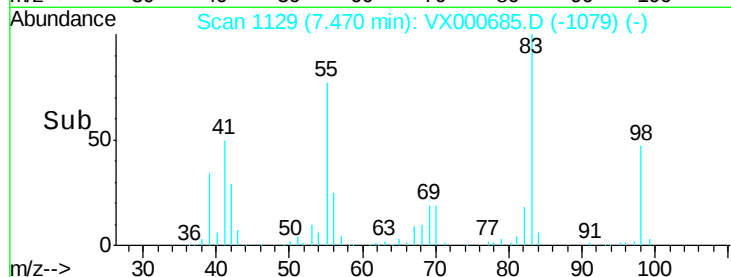
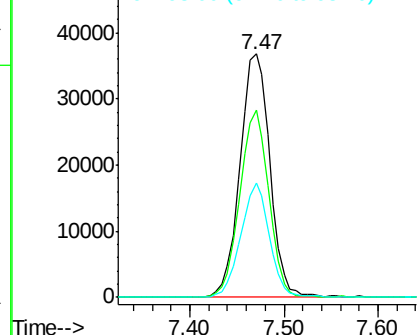
#39
Methylcyclohexane
Concen: 48.47 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 81753
Ion Ratio Lower Upper
83 100
55 76.7 64.5 96.7
98 47.2 35.0 52.6

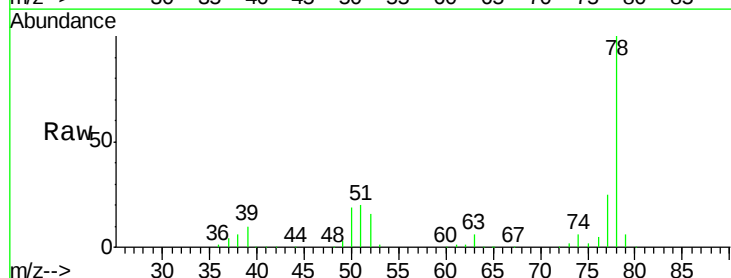


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

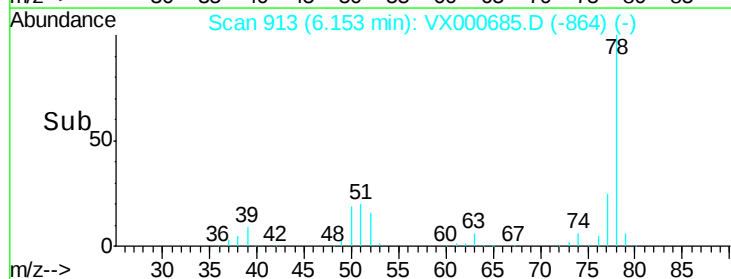
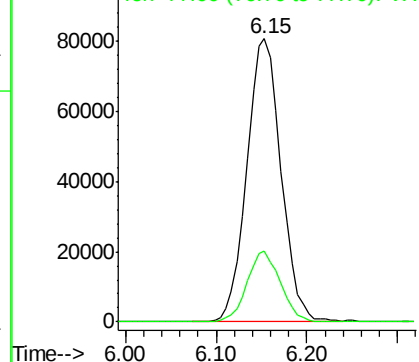


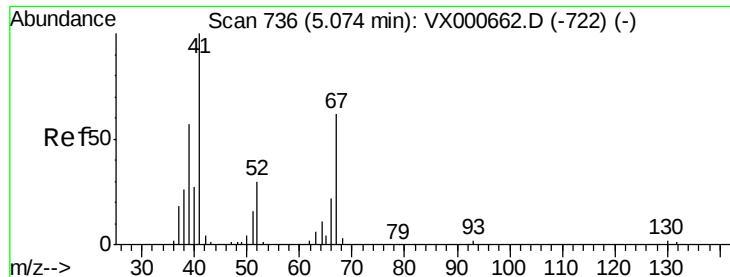
#40
Benzene
Concen: 50.58 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion: 78 Resp: 210771
Ion Ratio Lower Upper
78 100
77 25.2 20.2 30.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

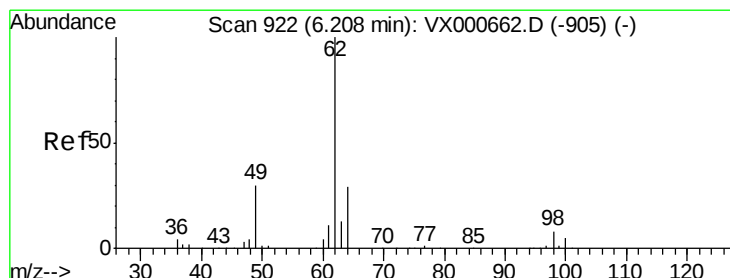
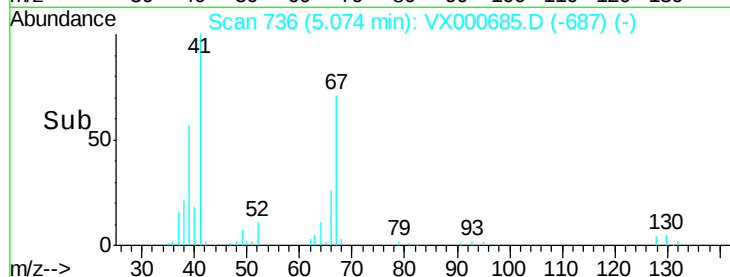
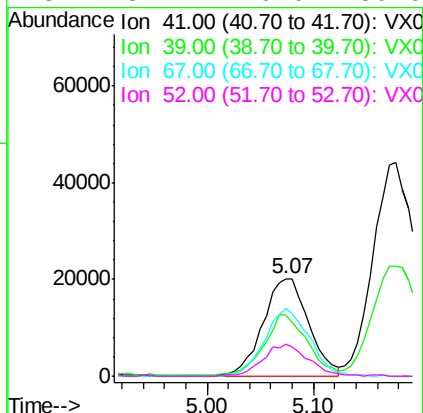
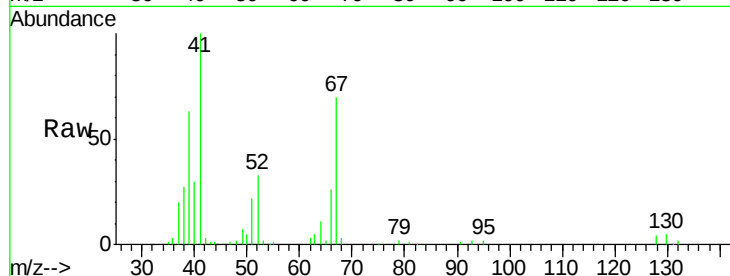




#41
Methacrylonitrile
Concen: 49.48 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

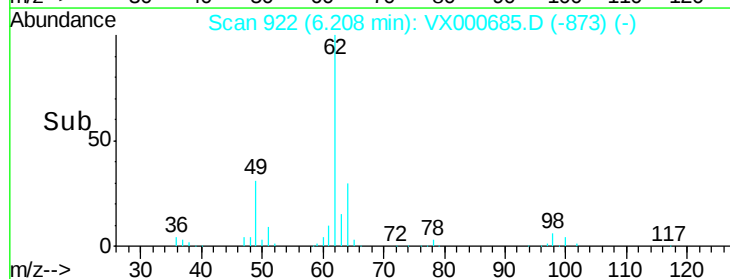
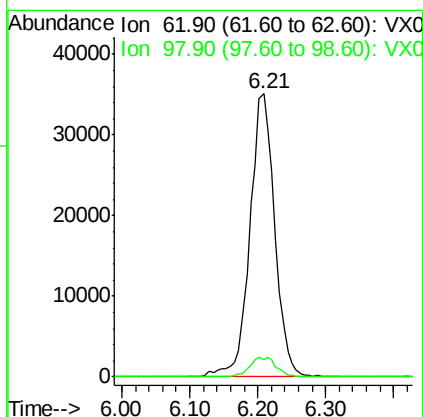
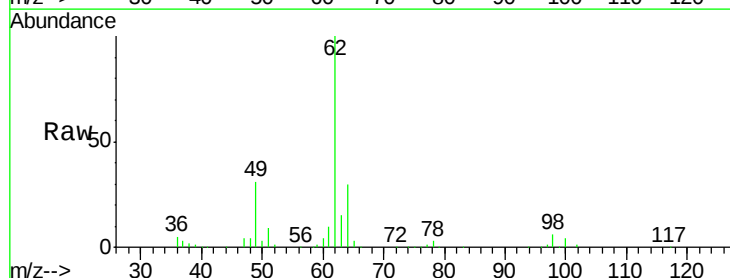
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

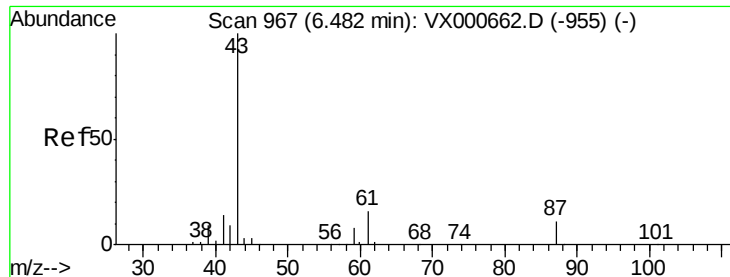
Tgt Ion:	41	Resp:	60190
Ion	Ratio	Lower	Upper
41	100		
39	57.2	46.2	69.4
67	67.5	52.4	78.6
52	32.7	26.0	39.0



#42
1,2-Dichloroethane
Concen: 51.43 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion:	62	Resp:	89618
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	16.2





#43

Isopropyl Acetate

Concen: 52.76 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

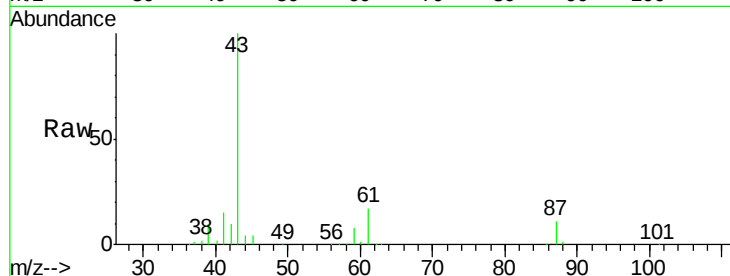
Tgt Ion: 43 Resp: 169832

Ion Ratio Lower Upper

43 100

61 16.9 13.4 20.2

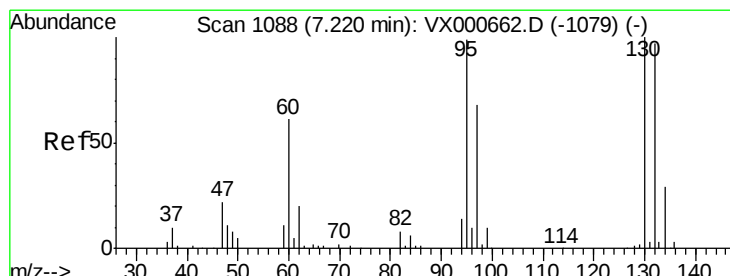
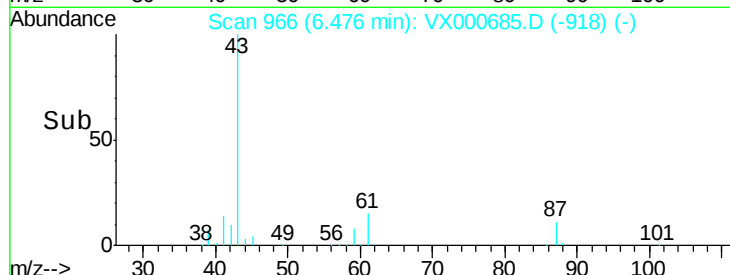
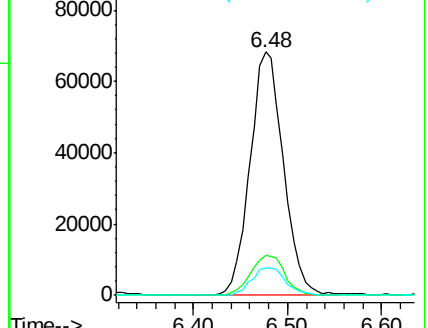
87 11.5 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX000662.D (-955) (-)

Ion 61.00 (60.70 to 61.70): VX000662.D (-955) (-)

Ion 87.00 (86.70 to 87.70): VX000662.D (-955) (-)



#44

Trichloroethene

Concen: 49.03 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000685.D

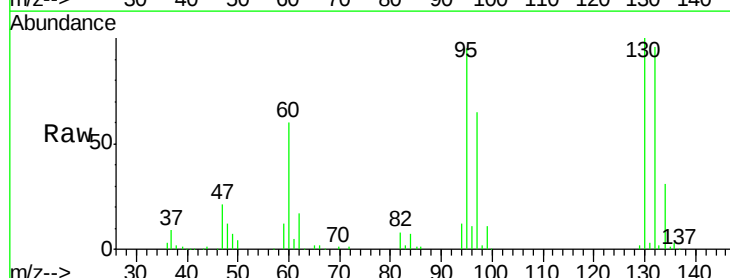
Acq: 05 Apr 2018 03:39

Tgt Ion: 130 Resp: 56441

Ion Ratio Lower Upper

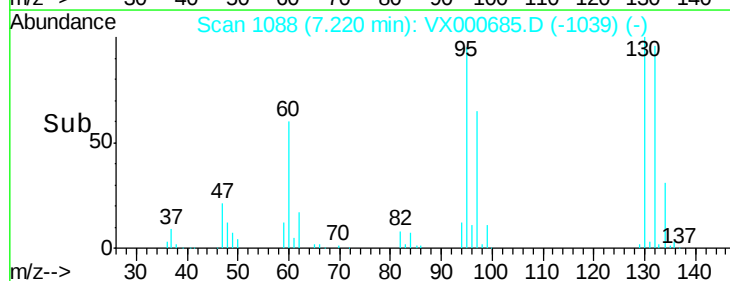
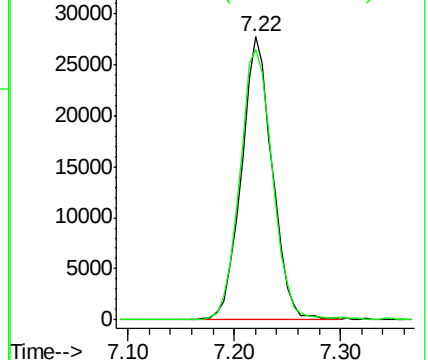
130 100

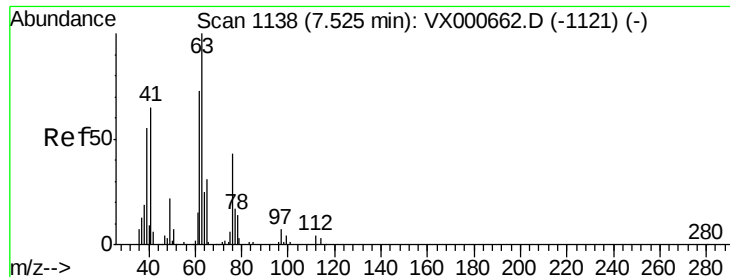
95 95.5 0.0 198.8



Abundance Ion 129.80 (129.50 to 130.50): VX000662.D (-1079) (-)

Ion 94.90 (94.60 to 95.60): VX000662.D (-1079) (-)





#45

1,2-Dichloropropane

Concen: 52.07 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

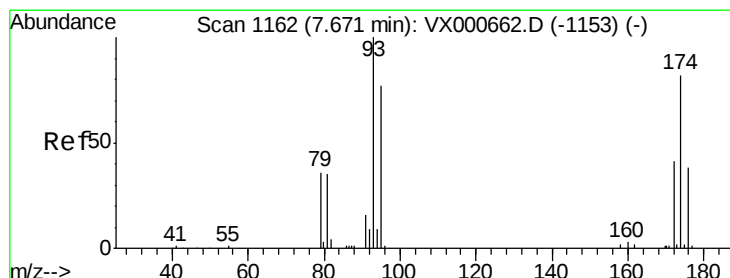
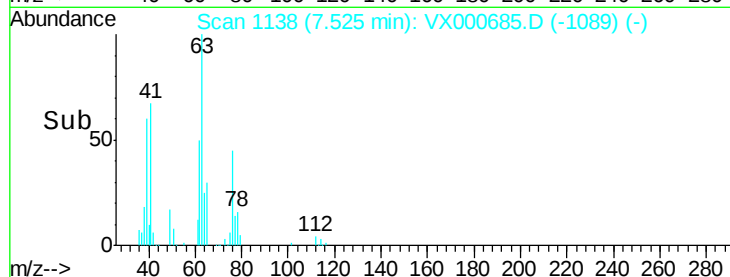
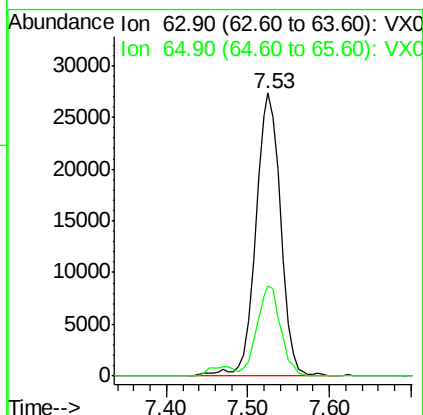
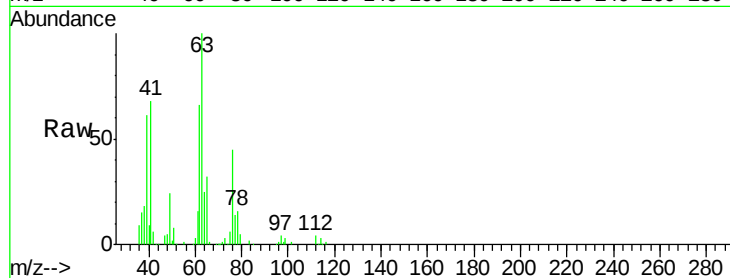
VSTDCCC050EC

Tgt Ion: 63 Resp: 58492

Ion Ratio Lower Upper

63 100

65 31.8 24.8 37.2



#46

Dibromomethane

Concen: 51.57 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

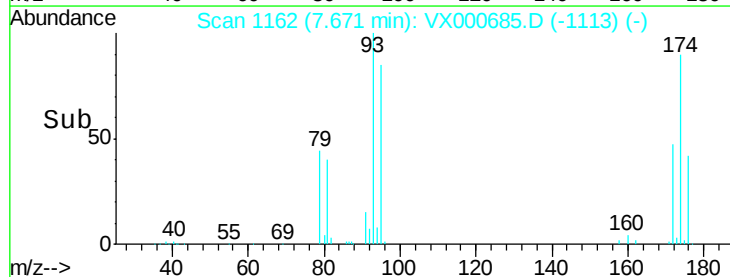
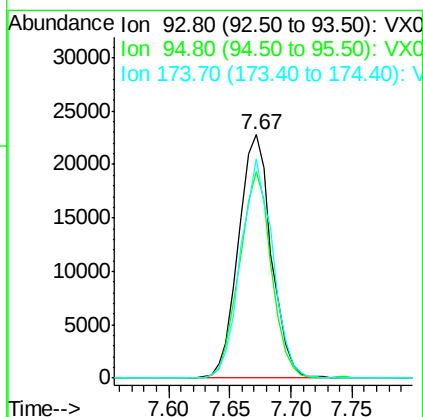
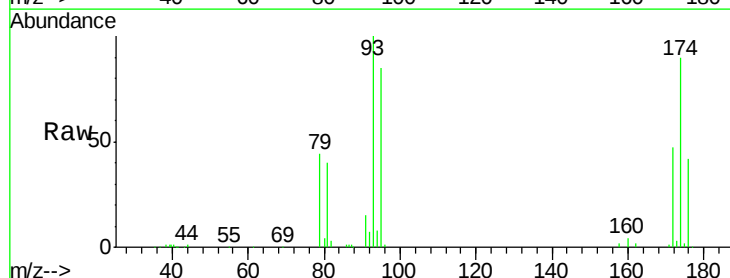
Tgt Ion: 93 Resp: 42509

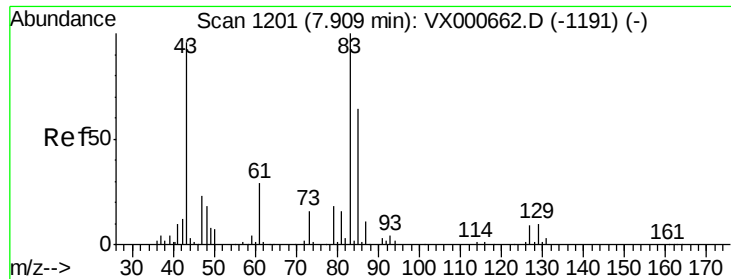
Ion Ratio Lower Upper

93 100

95 82.5 65.3 97.9

174 87.8 70.2 105.4





#47

Bromodichloromethane

Concen: 51.10 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

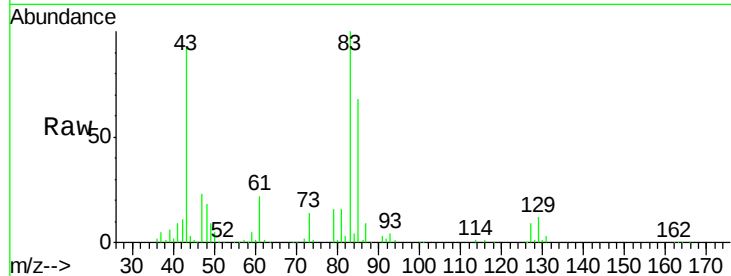
Tgt Ion: 83 Resp: 80108

Ion Ratio Lower Upper

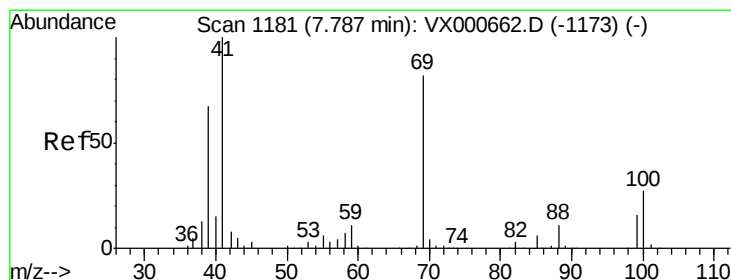
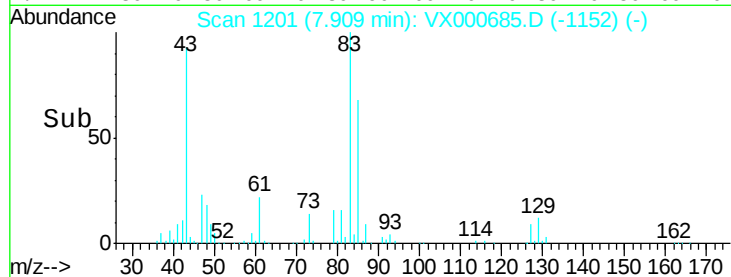
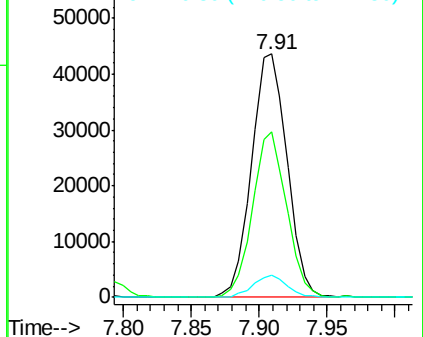
83 100

85 67.9 51.4 77.0

127 9.3 7.3 10.9



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: 51.24 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

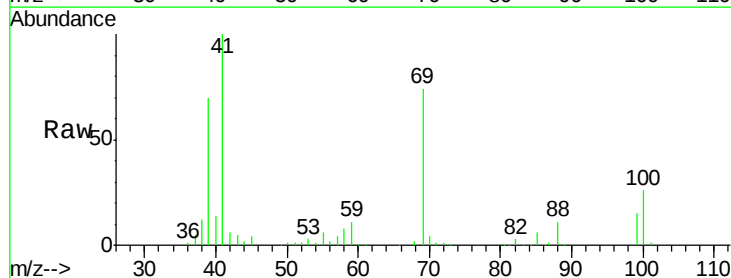
Tgt Ion: 41 Resp: 84547

Ion Ratio Lower Upper

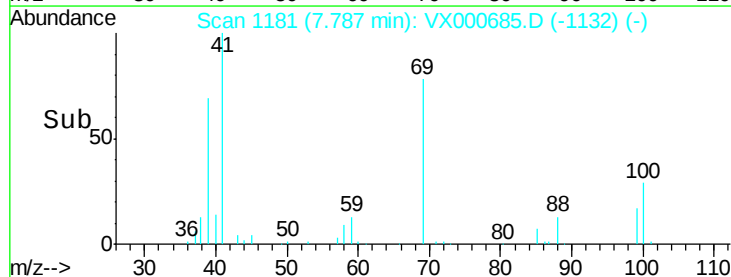
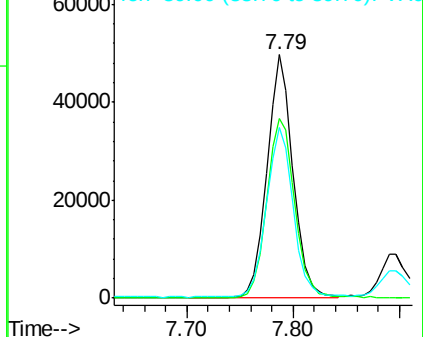
41 100

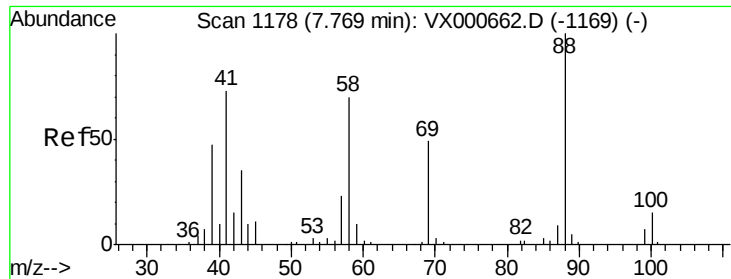
69 80.1 64.3 96.5

39 71.5 57.0 85.4



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

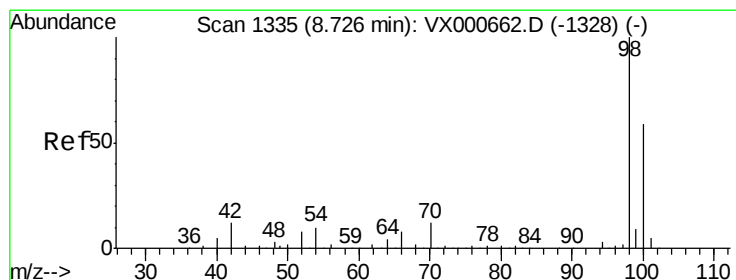
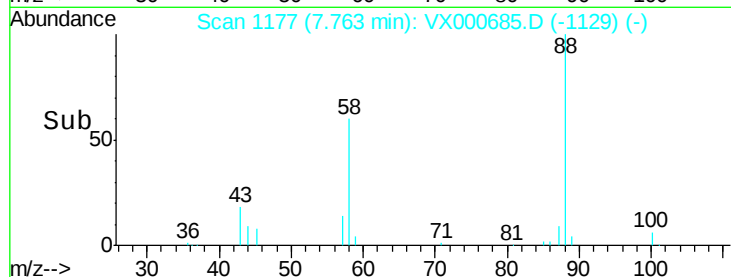
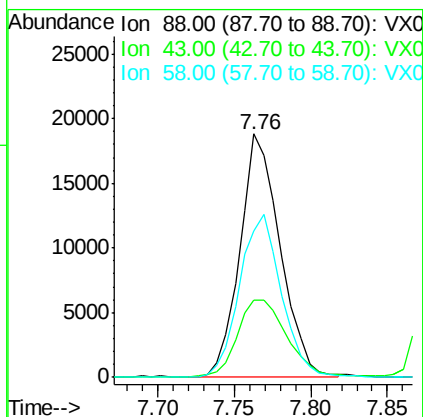
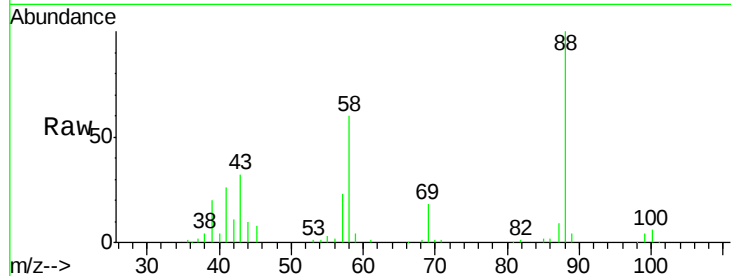




#49
1,4-Dioxane
Concen: 984.19 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

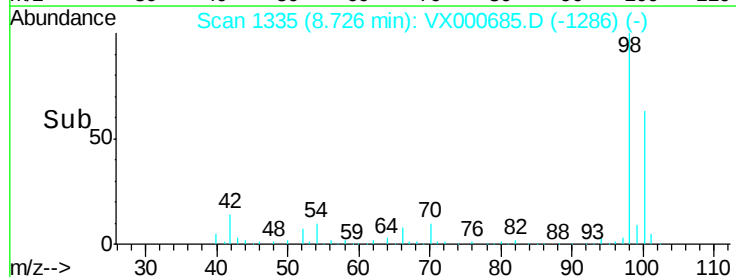
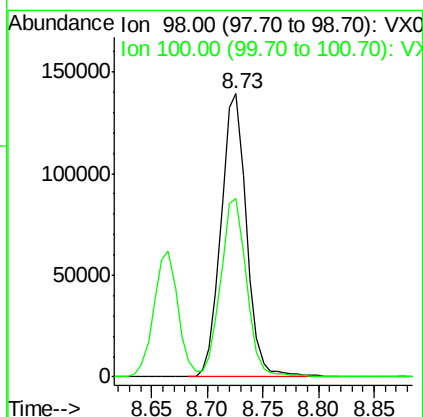
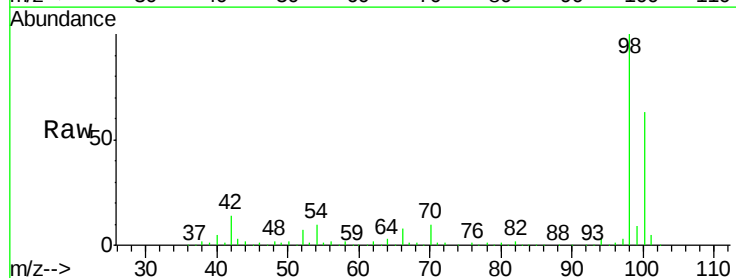
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

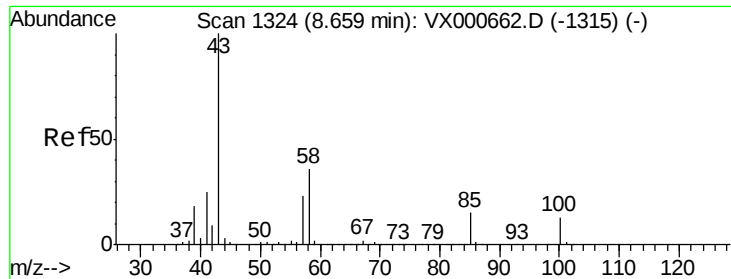
Tgt Ion: 88 Resp: 34417
Ion Ratio Lower Upper
88 100
43 39.3 29.4 44.0
58 69.8 53.4 80.0



#50
Toluene-d8
Concen: 48.29 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion: 98 Resp: 220452
Ion Ratio Lower Upper
98 100
100 63.7 51.0 76.6

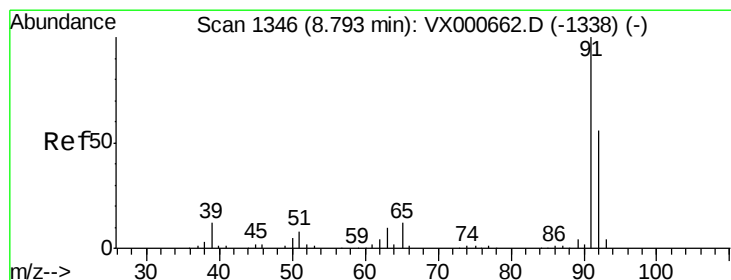
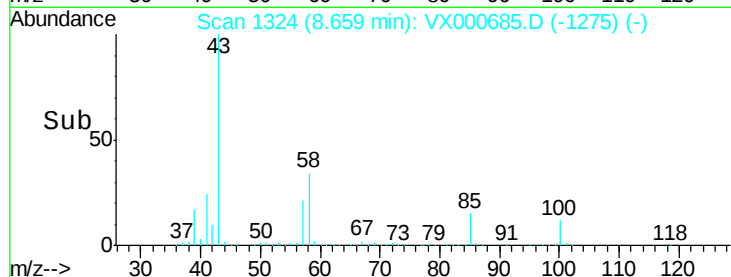
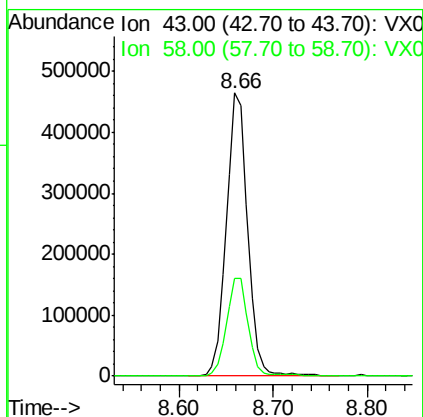
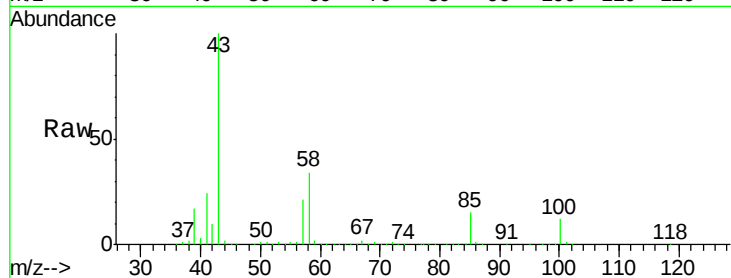




#51
 4-Methyl-2-Pentanone
 Concen: 278.70 ug/l
 RT: 8.66 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

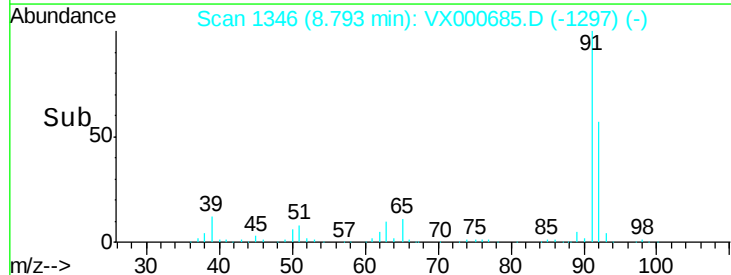
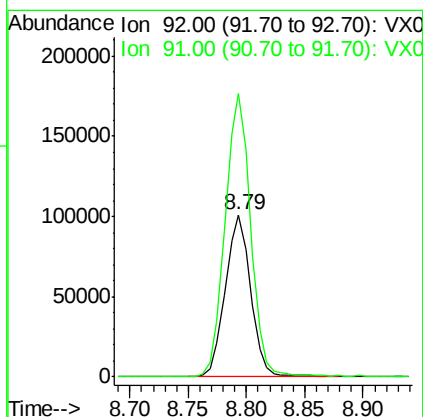
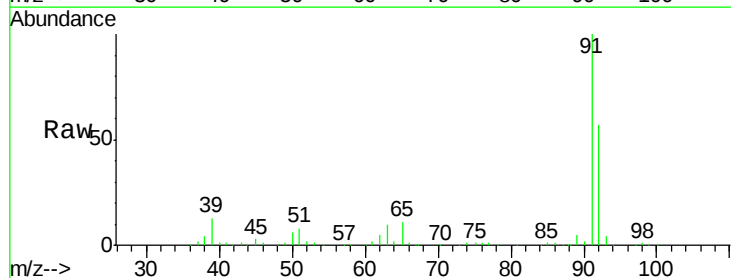
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

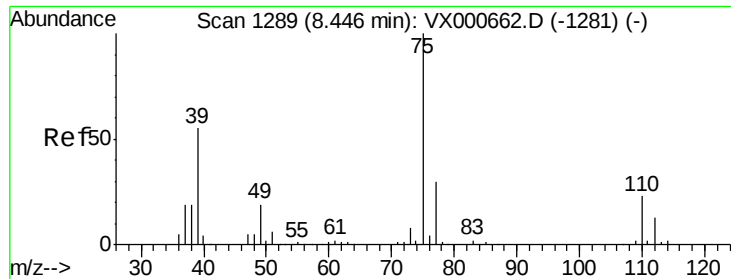
Tgt Ion: 43 Resp: 729691
 Ion Ratio Lower Upper
 43 100
 58 34.7 28.2 42.2



#52
 Toluene
 Concen: 52.09 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion: 92 Resp: 153353
 Ion Ratio Lower Upper
 92 100
 91 175.6 141.7 212.5

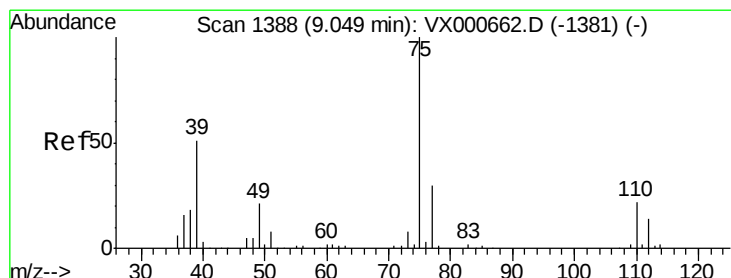
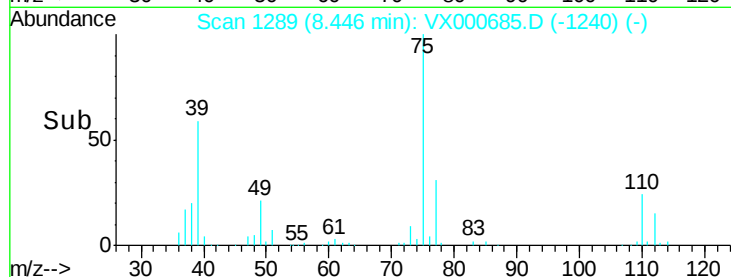
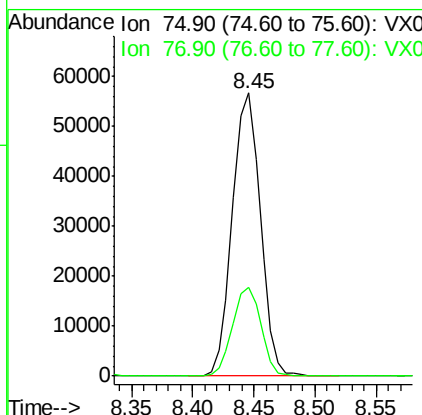
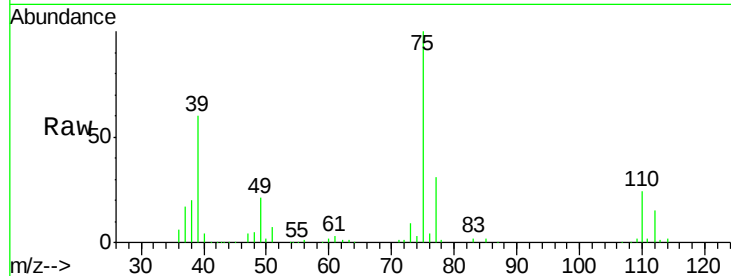




#53
 t-1,3-Dichloropropene
 Concen: 53.35 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

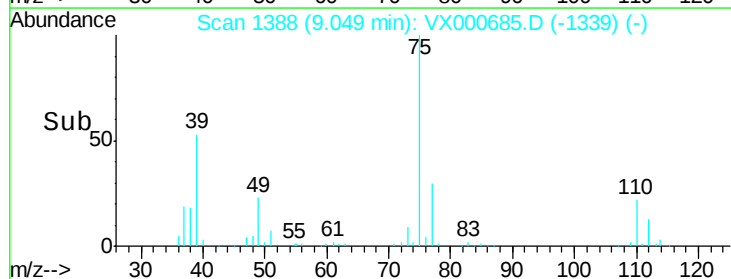
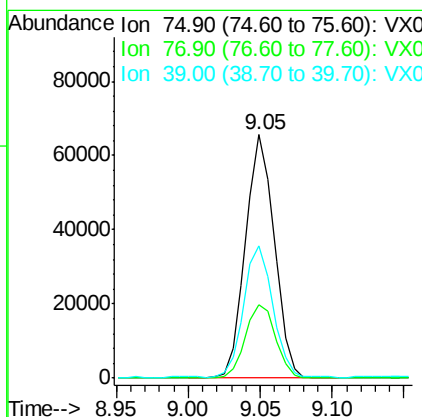
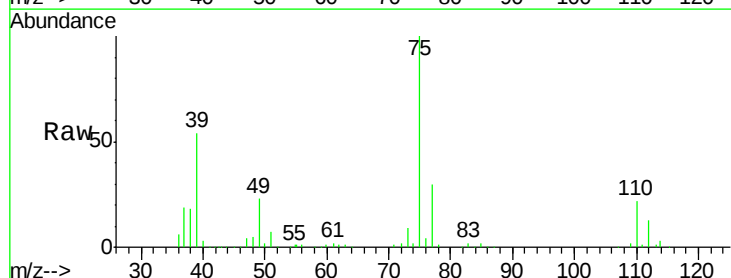
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

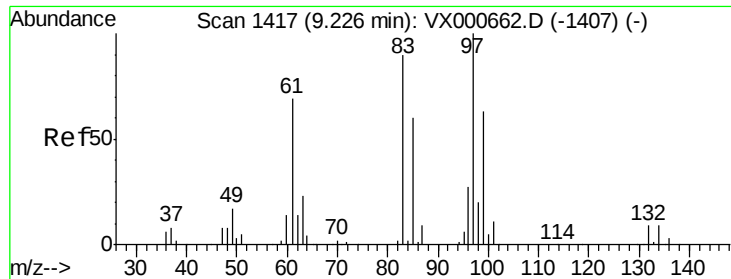
Tgt Ion: 75 Resp: 90417
 Ion Ratio Lower Upper
 75 100
 77 31.2 23.8 35.6



#54
 cis-1,3-Dichloropropene
 Concen: 45.89 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion: 75 Resp: 91301
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.1 36.1
 39 53.9 40.7 61.1

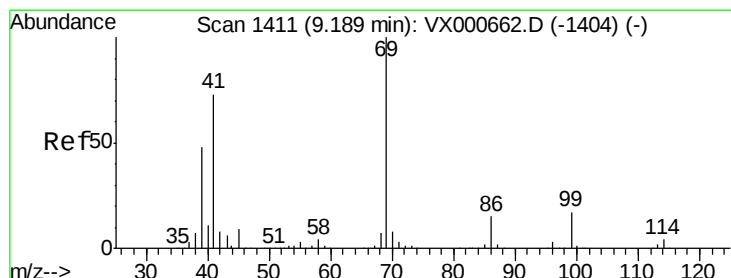
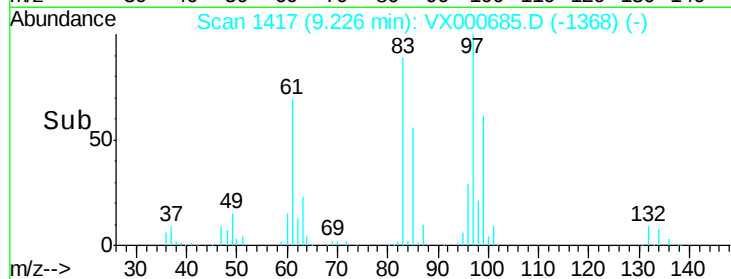
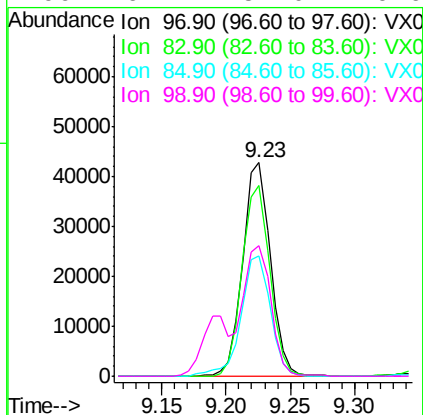
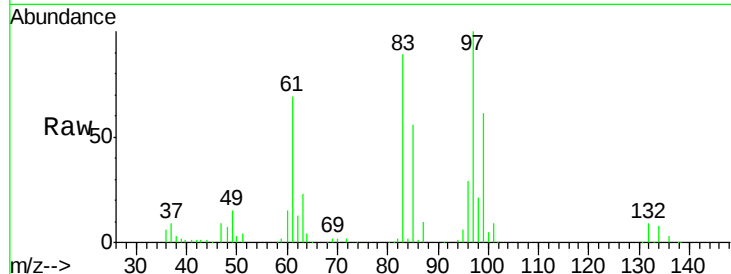




#55
 1,1,2-Trichloroethane
 Concen: 51.87 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

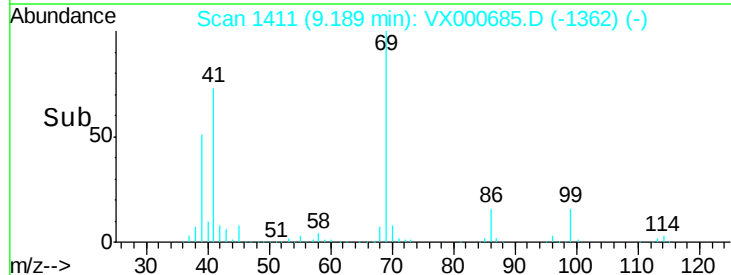
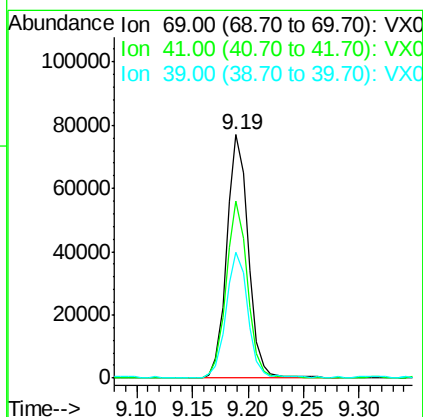
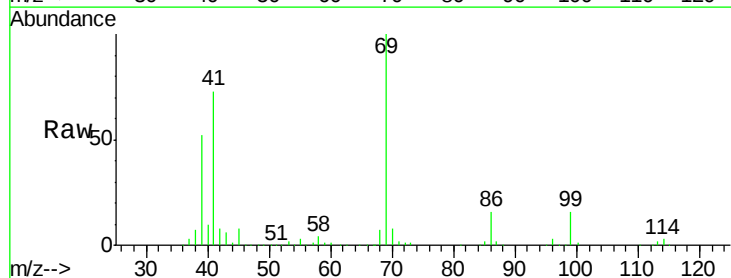
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

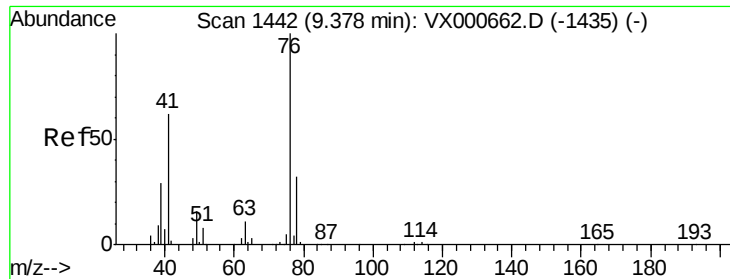
Tgt Ion:	97	Resp:	63669
Ion	Ratio	Lower	Upper
97	100		
83	89.1	72.1	108.1
85	56.1	48.3	72.5
99	61.4	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 46.64 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion:	69	Resp:	103018
Ion	Ratio	Lower	Upper
69	100		
41	72.0	56.5	84.7
39	51.6	39.8	59.8

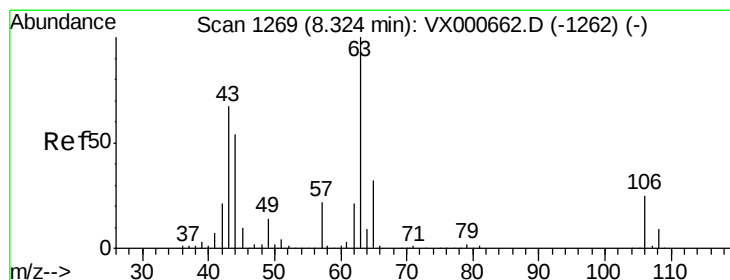
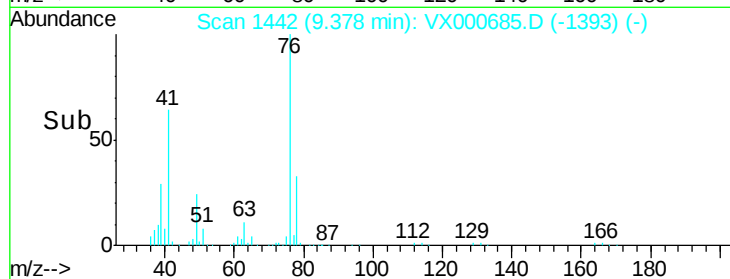
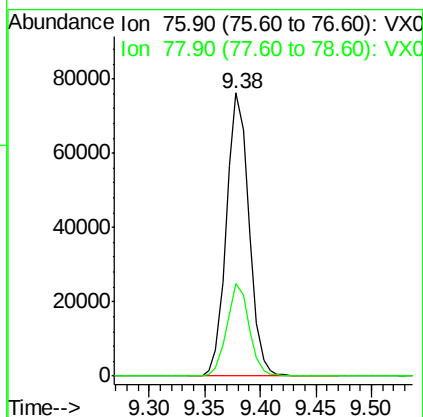
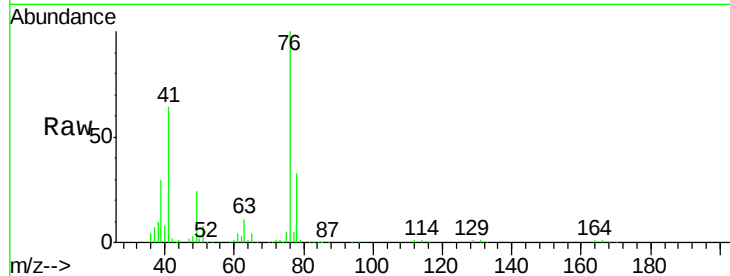




#57
 1,3-Dichloropropane
 Concen: 53.31 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

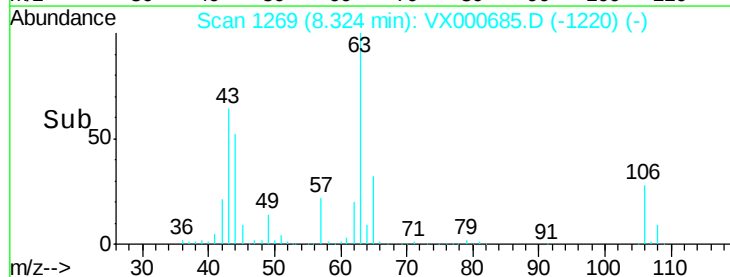
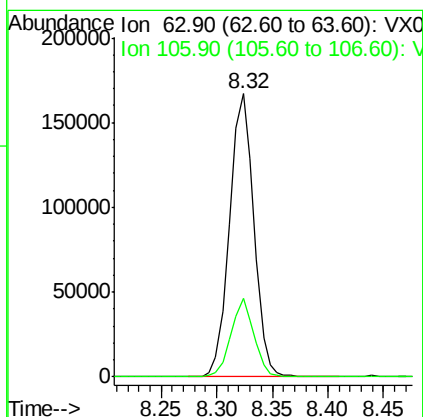
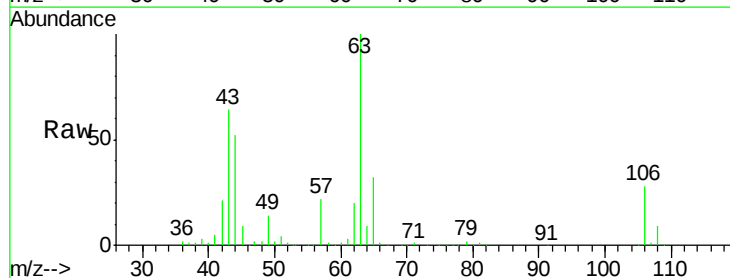
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

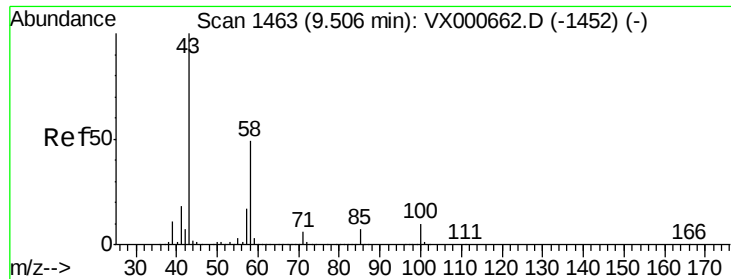
Tgt Ion: 76 Resp: 107154
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.77 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion: 63 Resp: 251348
 Ion Ratio Lower Upper
 63 100
 106 26.5 20.5 30.7

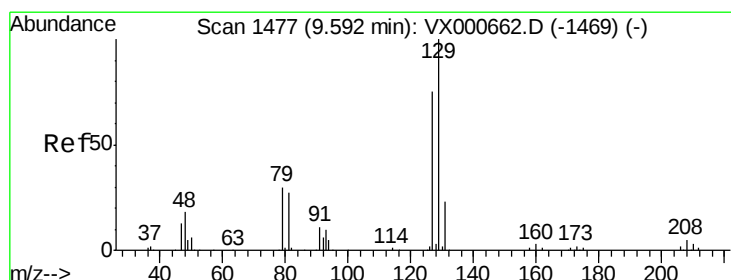
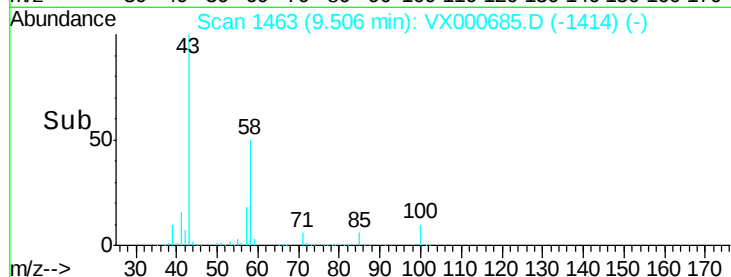
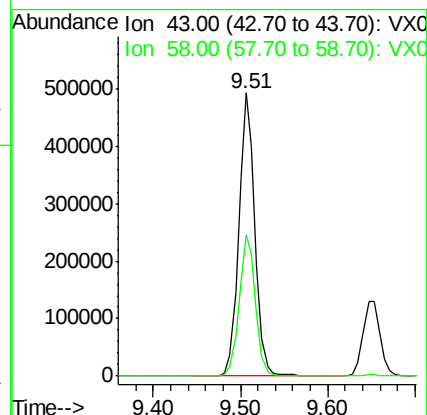
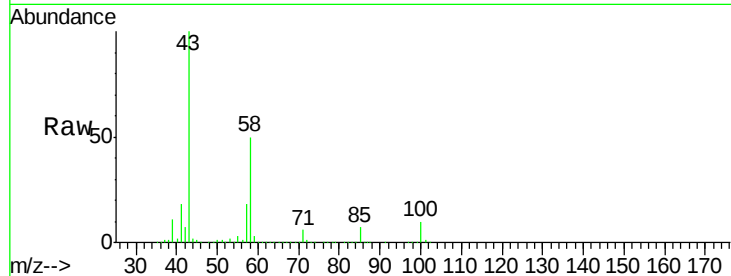




#59
2-Hexanone
Concen: 284.12 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

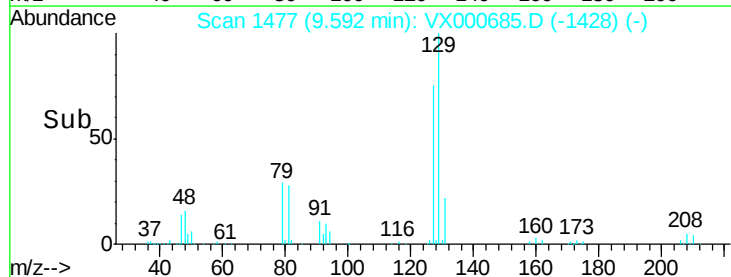
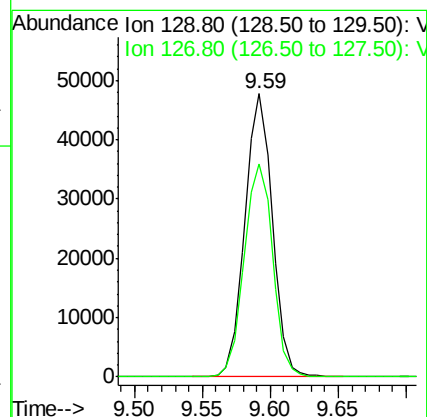
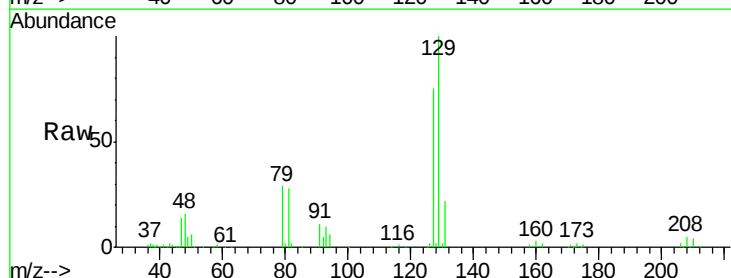
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

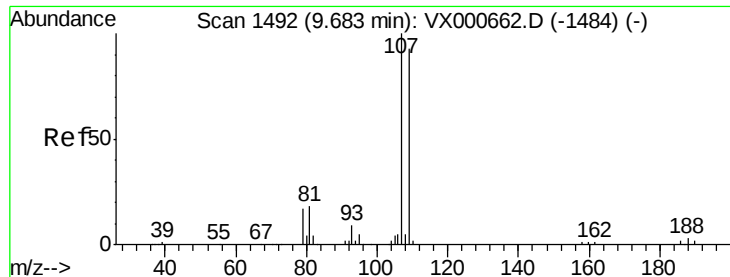
Tgt Ion: 43 Resp: 632608
Ion Ratio Lower Upper
43 100
58 50.6 24.8 74.3



#60
Dibromochloromethane
Concen: 45.04 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion: 129 Resp: 67556
Ion Ratio Lower Upper
129 100
127 78.1 38.7 116.1





#61

1,2-Dibromoethane

Concen: 53.45 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

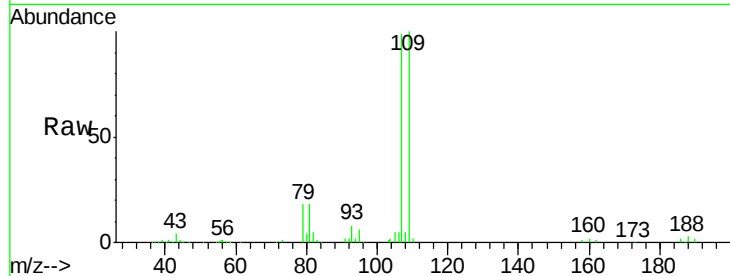
VSTDCCC050EC

Tgt Ion:107 Resp: 70748

Ion Ratio Lower Upper

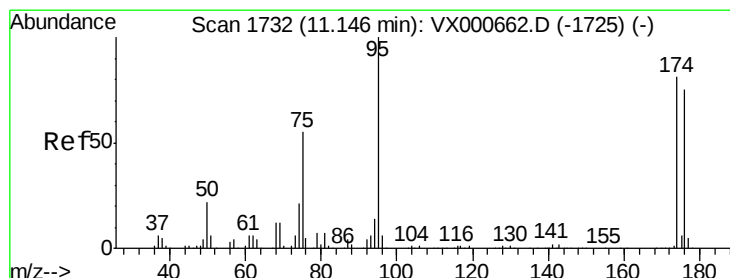
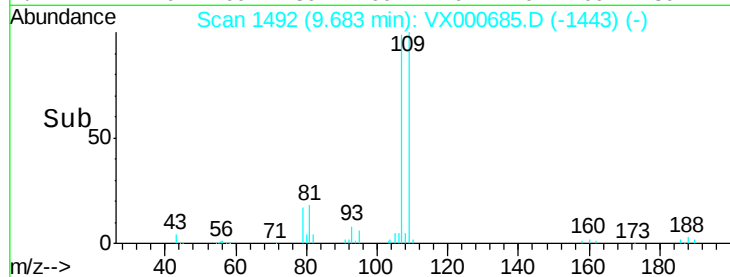
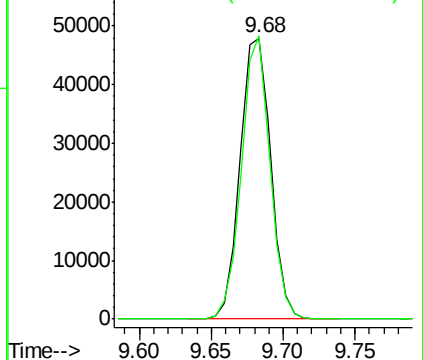
107 100

109 93.4 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.82 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

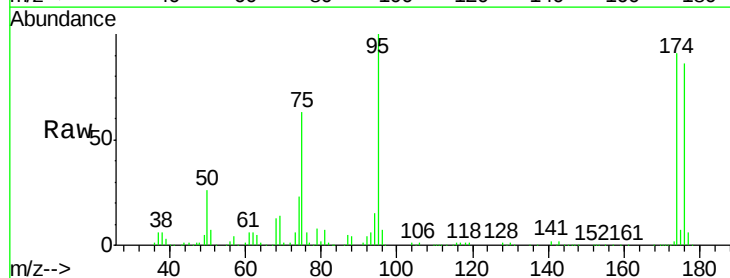
Tgt Ion: 95 Resp: 88218

Ion Ratio Lower Upper

95 100

174 82.9 0.0 156.8

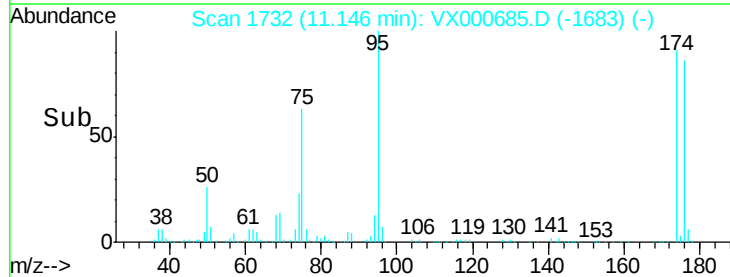
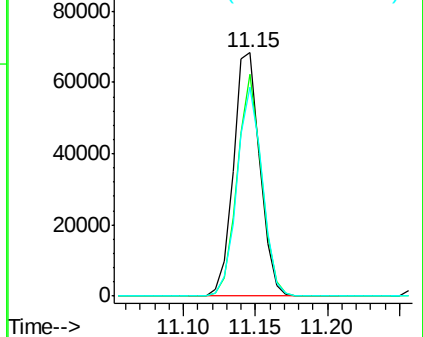
176 81.4 0.0 150.6

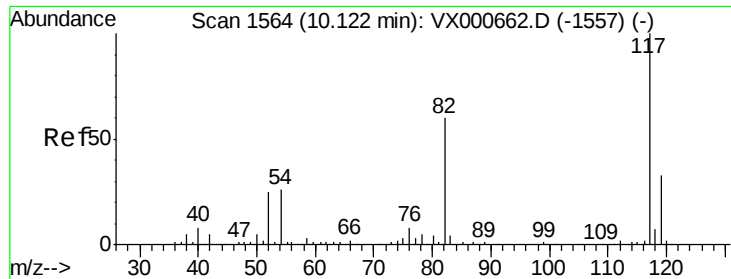


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

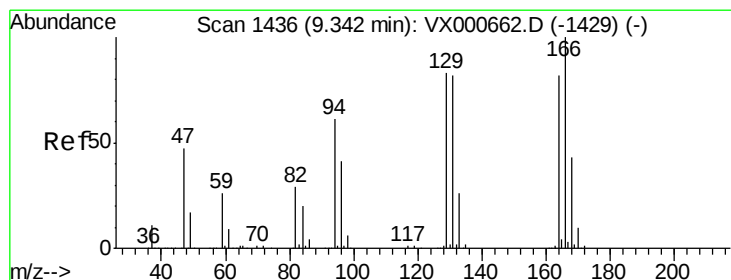
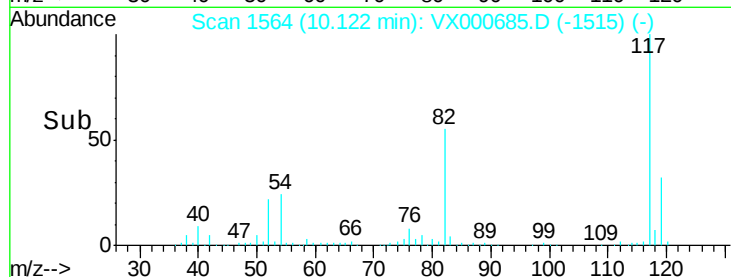
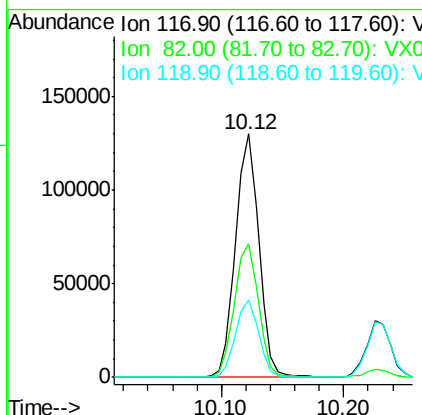
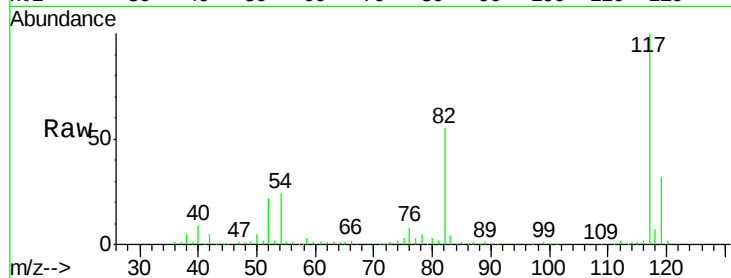




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

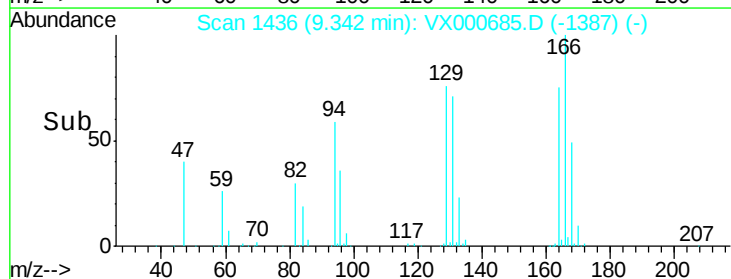
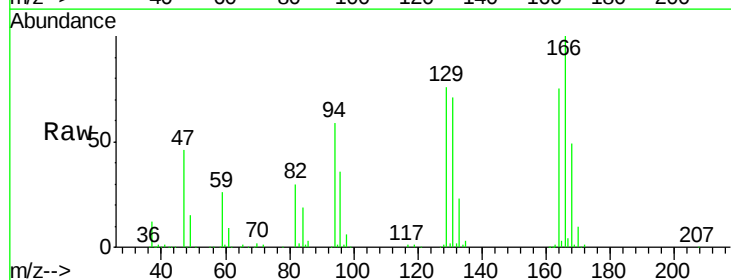
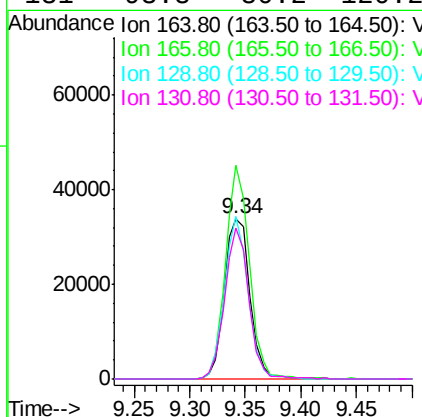
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

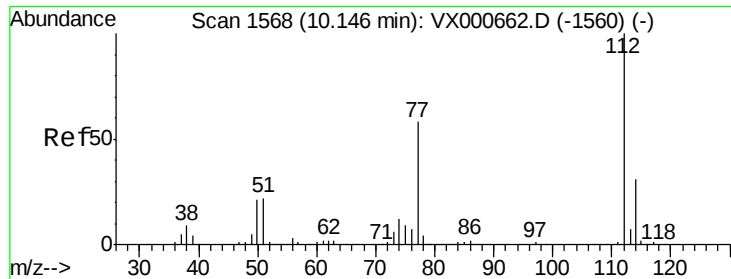
Tgt Ion:117 Resp: 171472
Ion Ratio Lower Upper
117 100
82 55.0 48.3 72.5
119 31.7 26.0 39.0



#64
Tetrachloroethene
Concen: 48.11 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion:164 Resp: 53737
Ion Ratio Lower Upper
164 100
166 132.9 97.8 146.8
129 101.6 81.3 121.9
131 93.8 80.2 120.2





#65

Chlorobenzene

Concen: 51.66 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

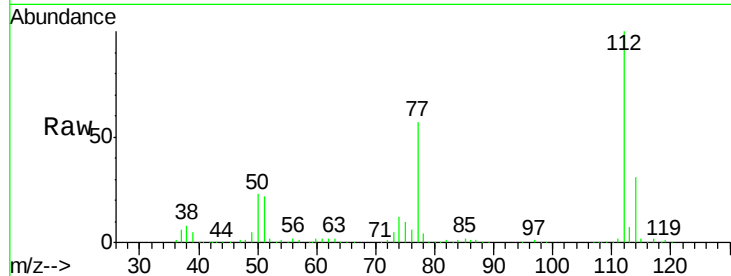
VSTDCCC050EC

Tgt Ion:112 Resp: 180414

Ion Ratio Lower Upper

112 100

114 31.2 24.4 36.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.15

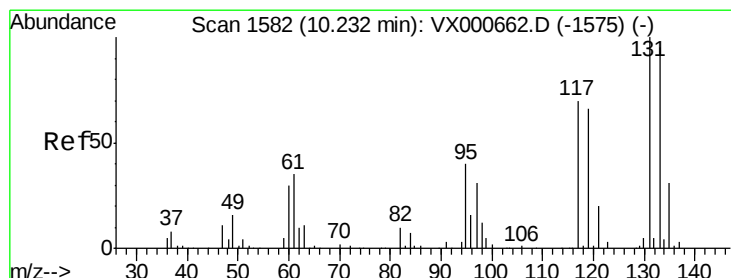
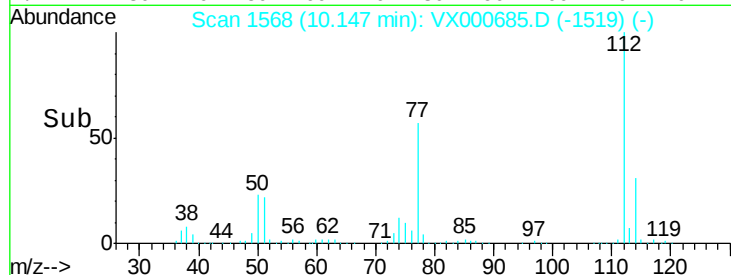
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.23 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

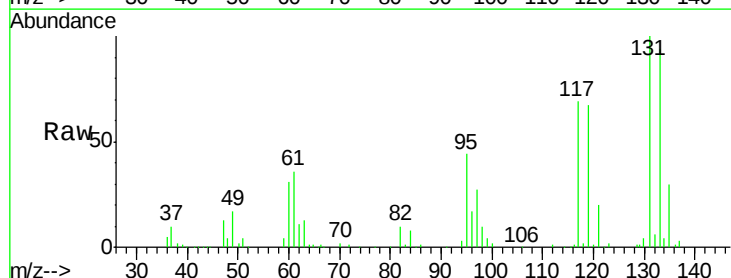
Tgt Ion:131 Resp: 60999

Ion Ratio Lower Upper

131 100

133 96.0 49.0 147.2

119 66.4 34.9 104.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

60000

50000

40000

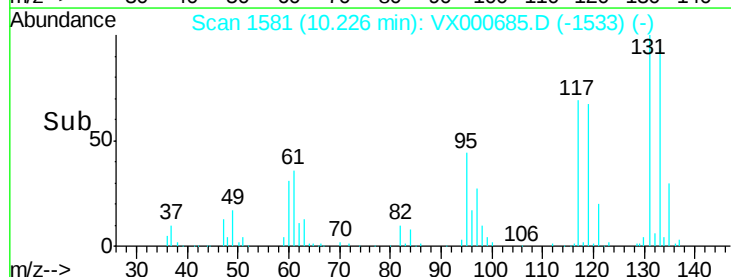
30000

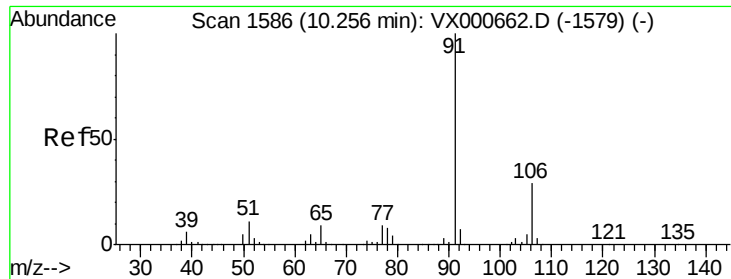
20000

10000

0

Time-->

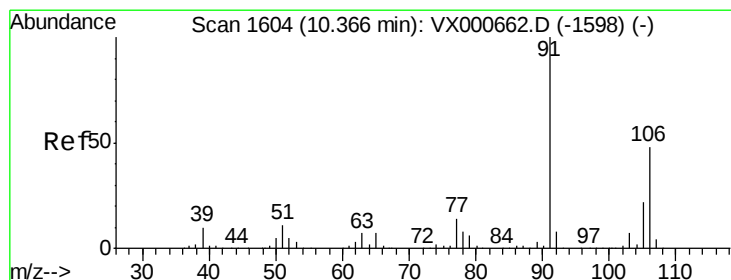
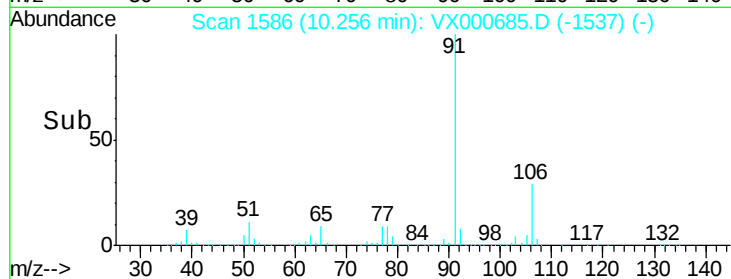
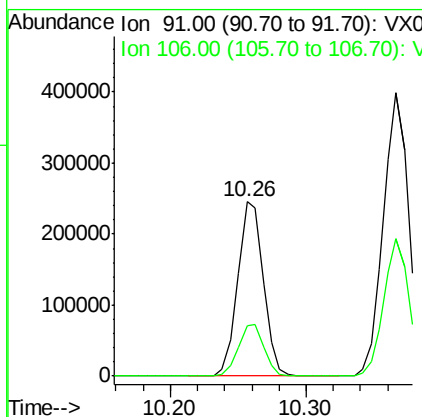
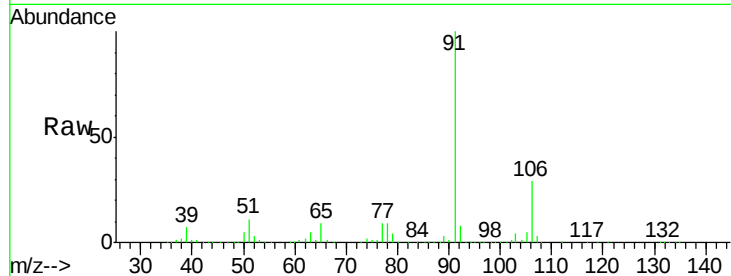




#67
Ethyl Benzene
Concen: 52.10 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

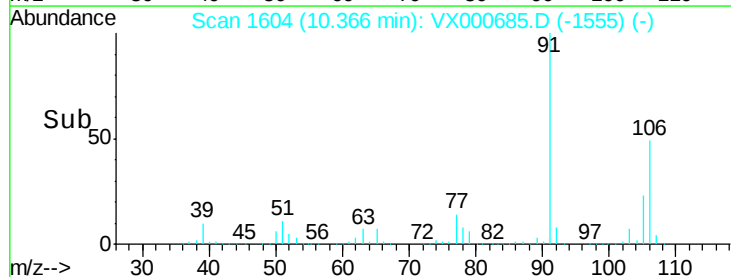
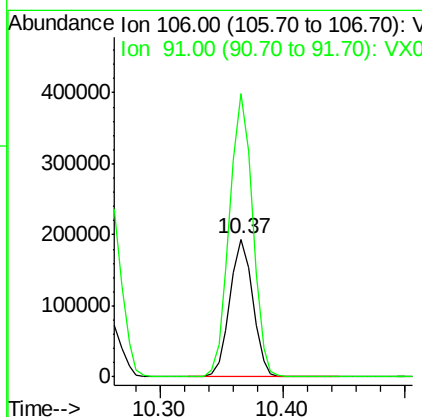
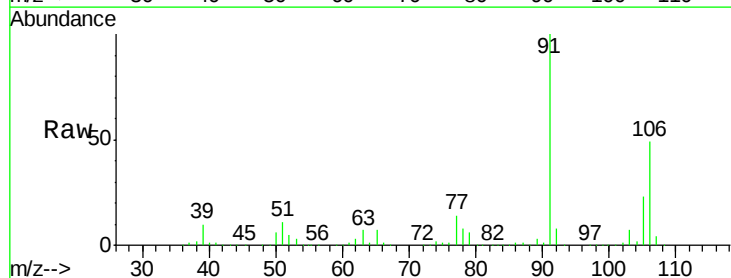
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

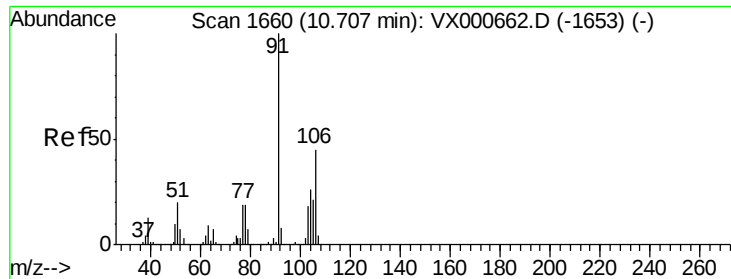
Tgt Ion: 91 Resp: 321895
Ion Ratio Lower Upper
91 100
106 28.6 23.4 35.2



#68
m/p-Xylenes
Concen: 107.75 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion: 106 Resp: 250907
Ion Ratio Lower Upper
106 100
91 207.3 167.0 250.6

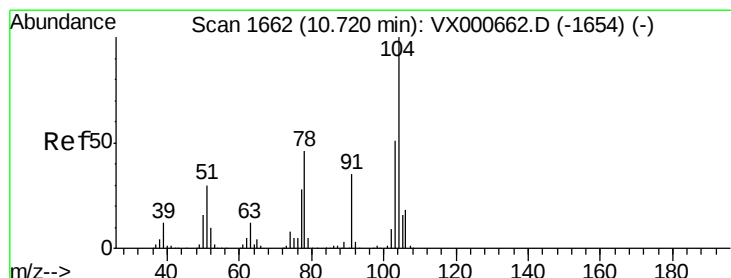
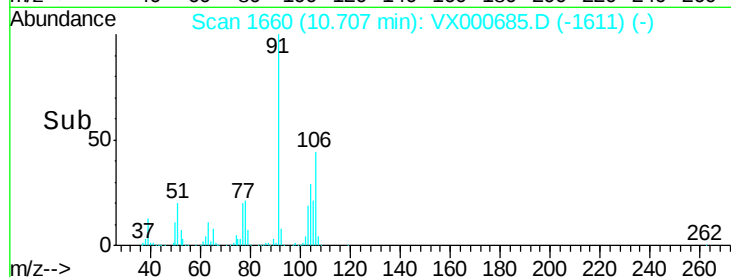
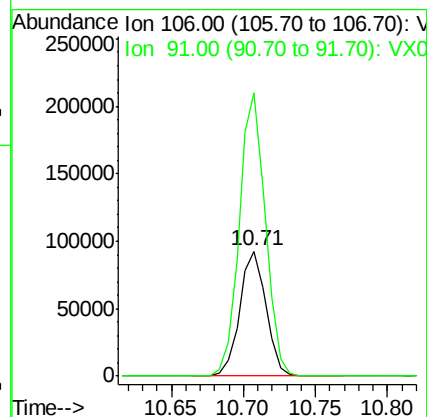
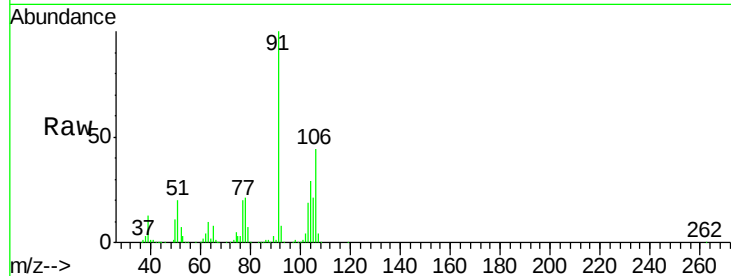




#69
o-Xylene
Concen: 51.49 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

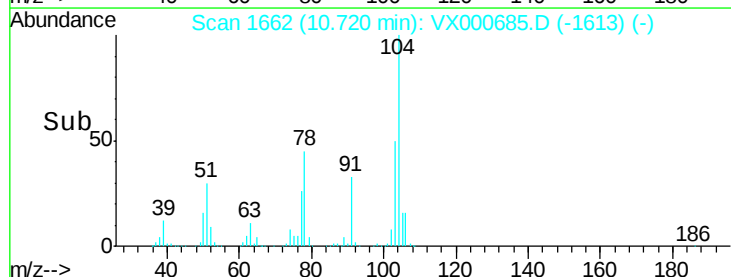
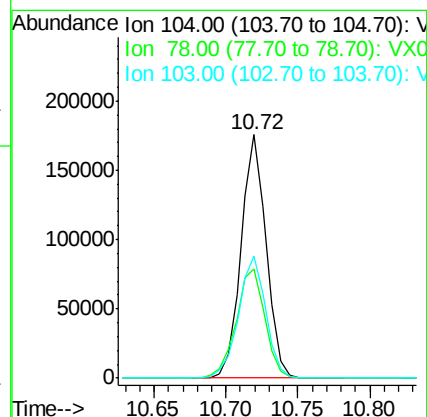
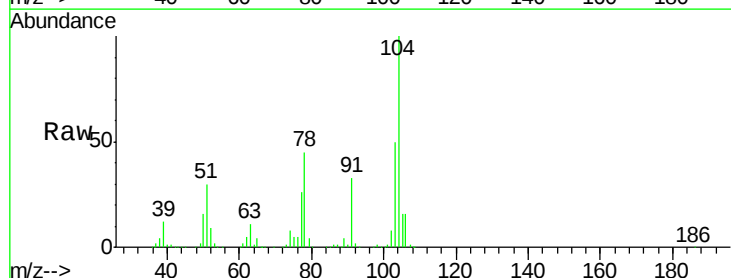
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

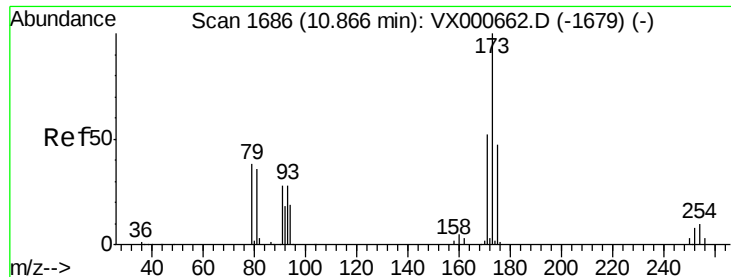
Tgt Ion:106 Resp: 118046
Ion Ratio Lower Upper
106 100
91 224.2 111.6 334.6



#70
Styrene
Concen: 55.20 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion:104 Resp: 213380
Ion Ratio Lower Upper
104 100
78 51.8 41.9 62.9
103 54.8 45.3 67.9





#71

Bromoform

Concen: 43.95 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

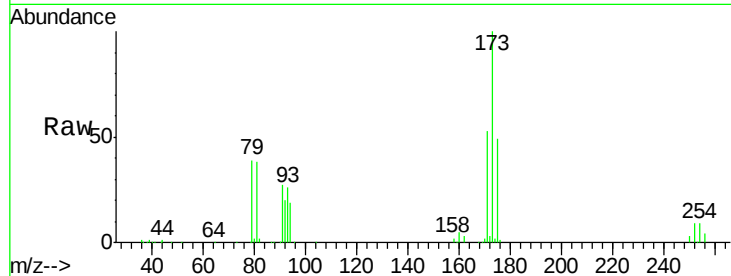
Tgt Ion:173 Resp: 53326

Ion Ratio Lower Upper

173 100

175 49.9 24.0 72.0

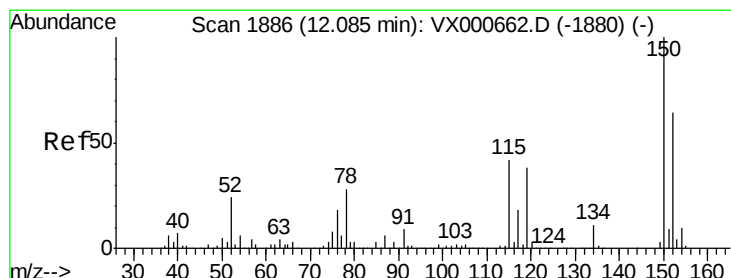
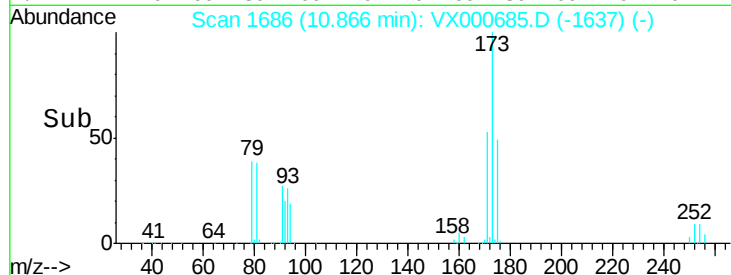
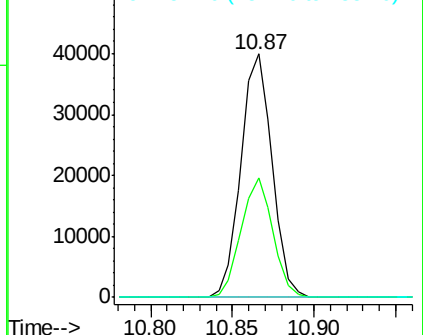
254 0.0 0.0 0.0



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

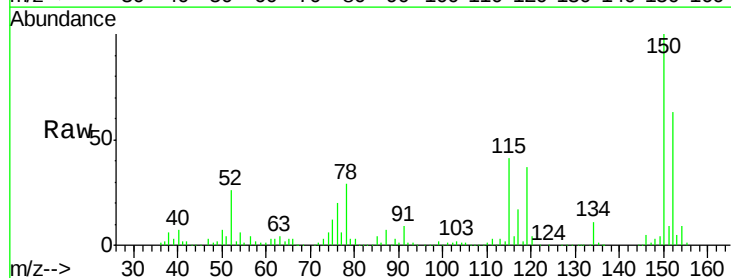
Tgt Ion:152 Resp: 109269

Ion Ratio Lower Upper

152 100

115 85.2 41.9 125.8

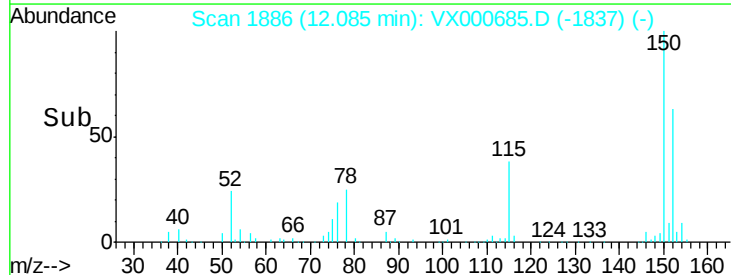
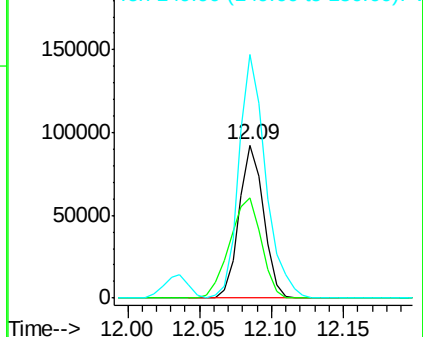
150 174.2 0.0 348.0

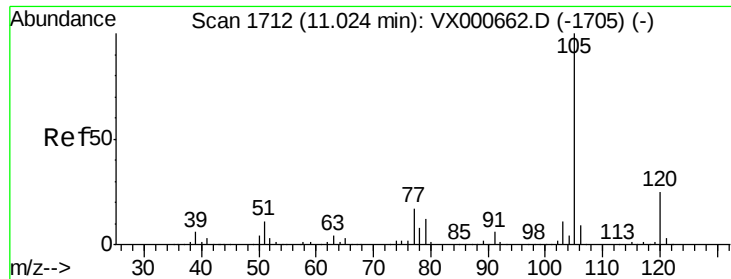


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.90 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

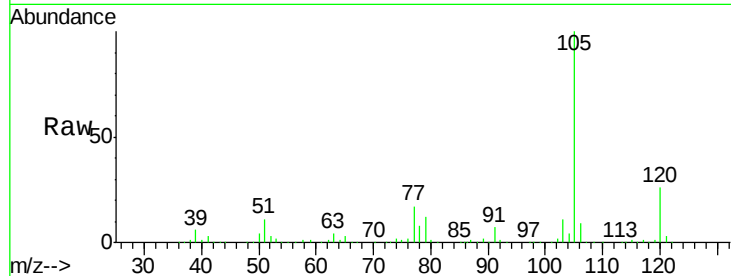
VSTDCCC050EC

Tgt Ion: 105 Resp: 342872

Ion Ratio Lower Upper

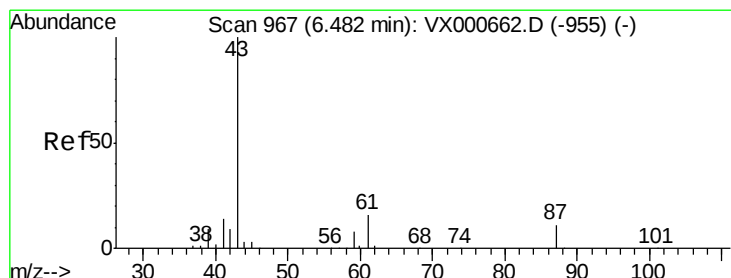
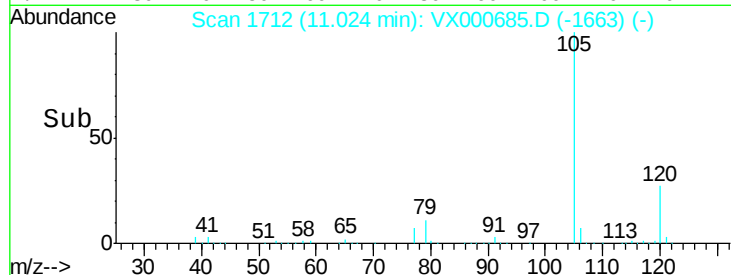
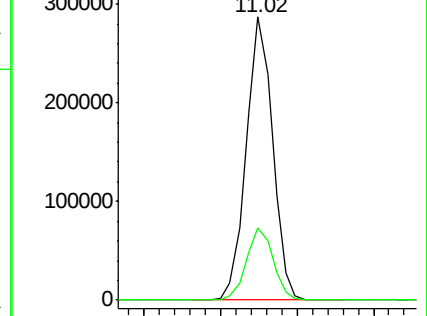
105 100

120 25.9 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.91 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Tgt Ion: 43 Resp: 169832

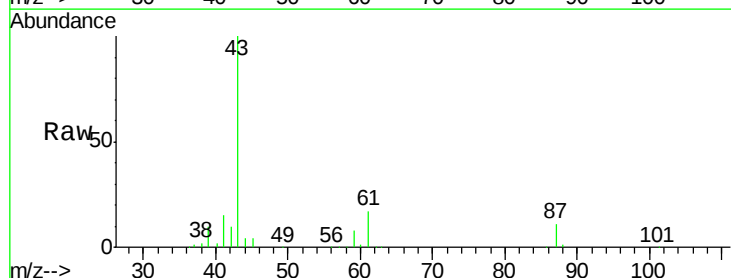
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 16.9 13.4 20.2

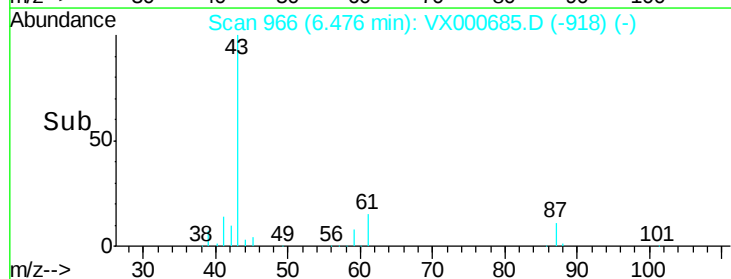
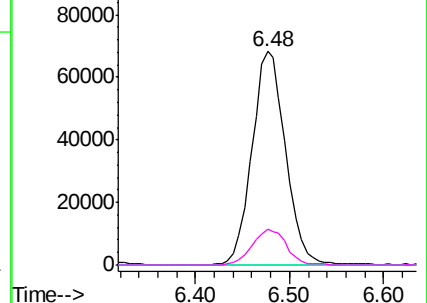


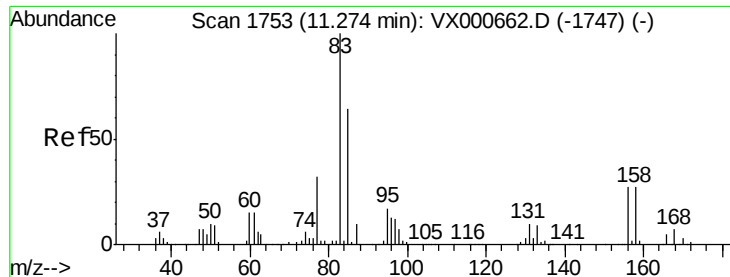
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

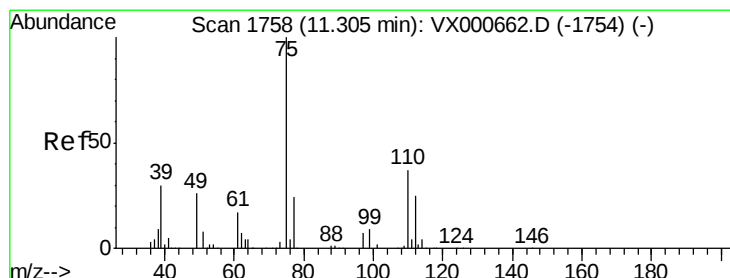
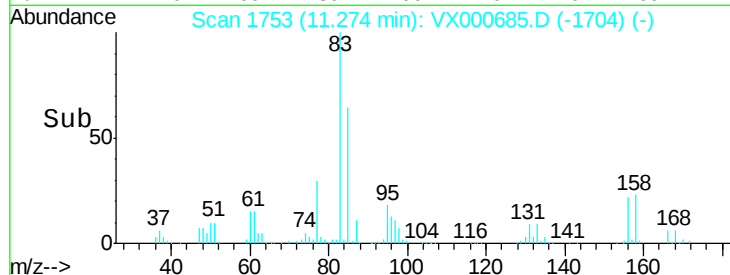
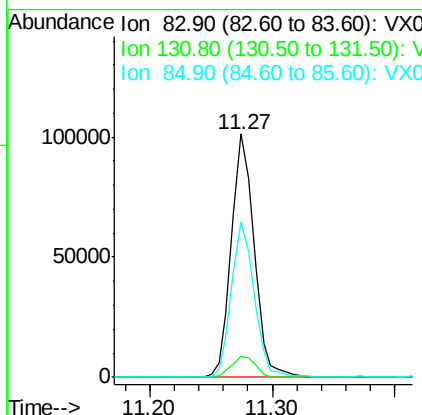
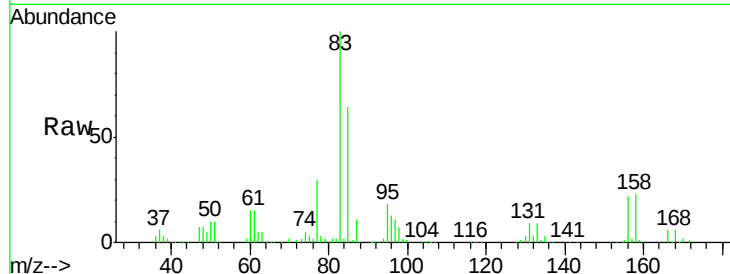




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.86 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

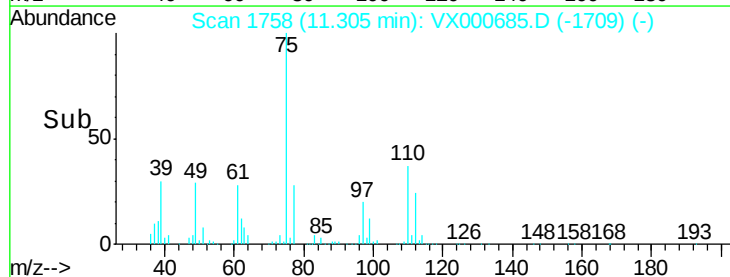
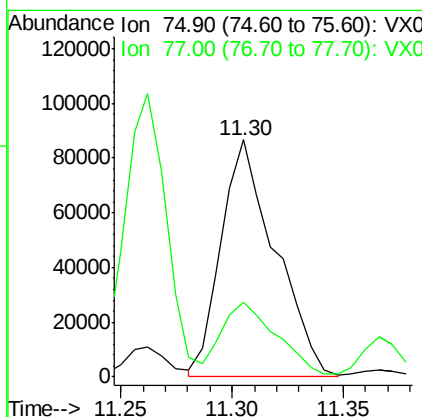
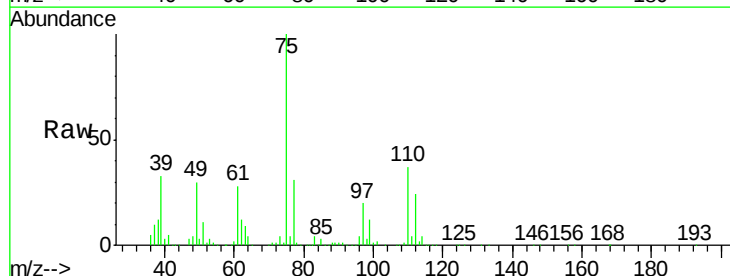
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

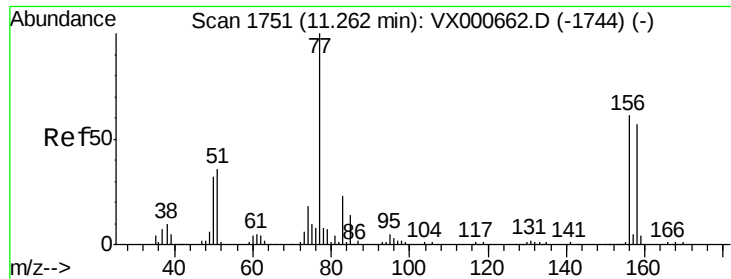
Tgt Ion: 83 Resp: 130380
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.7 14.1
 85 64.2 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 61.49 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion: 75 Resp: 146548
 Ion Ratio Lower Upper
 75 100
 77 32.1 20.2 60.6





#77

Bromobenzene

Concen: 47.70 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

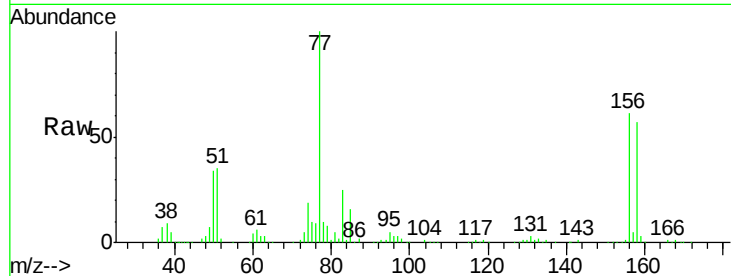
Tgt Ion:156 Resp: 78779

Ion Ratio Lower Upper

156 100

77 172.1 82.3 246.9

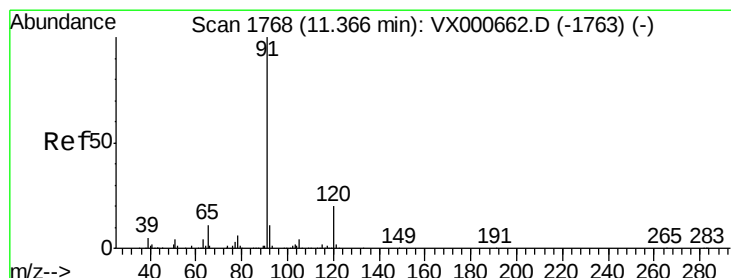
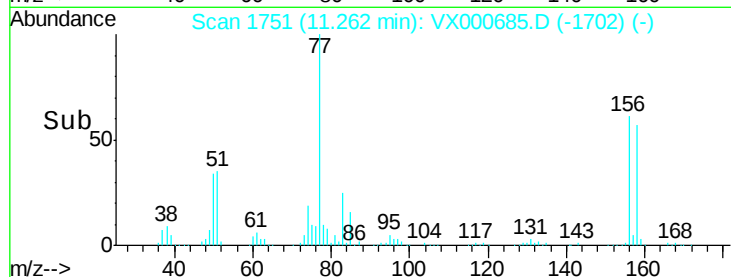
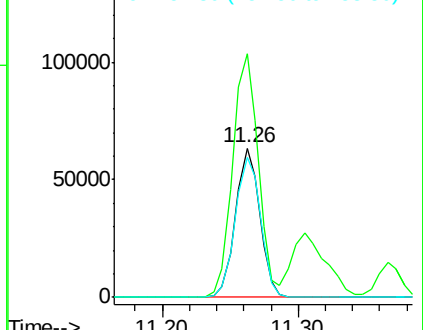
158 98.0 46.9 140.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.35 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000685.D

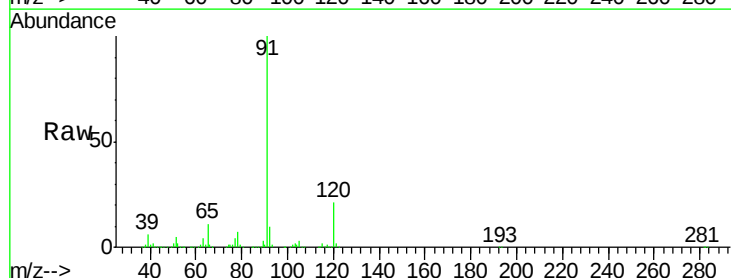
Acq: 05 Apr 2018 03:39

Tgt Ion: 91 Resp: 421670

Ion Ratio Lower Upper

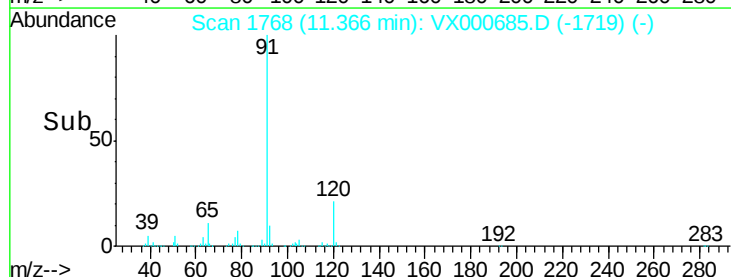
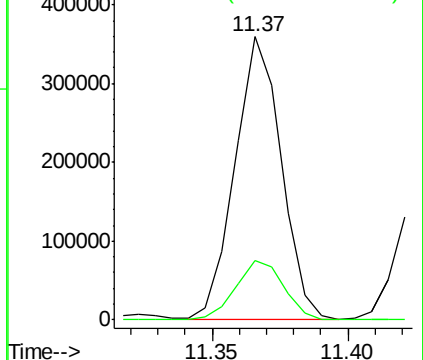
91 100

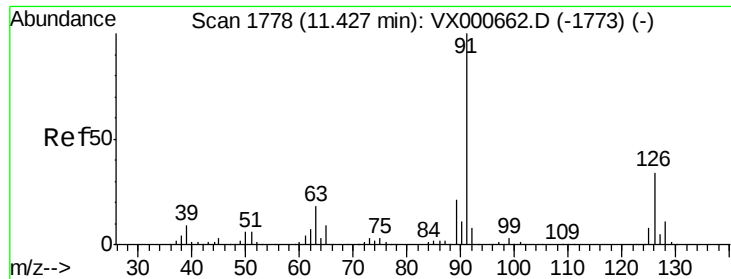
120 21.8 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

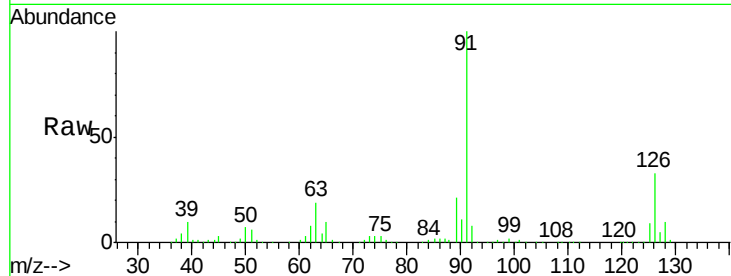




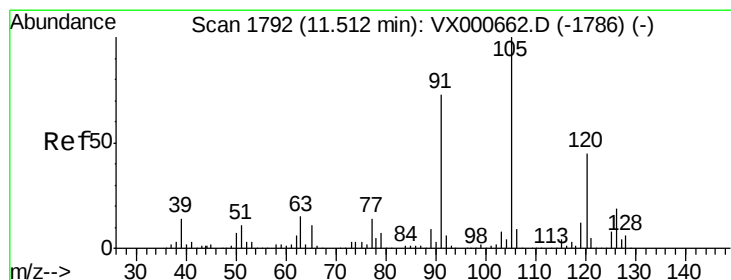
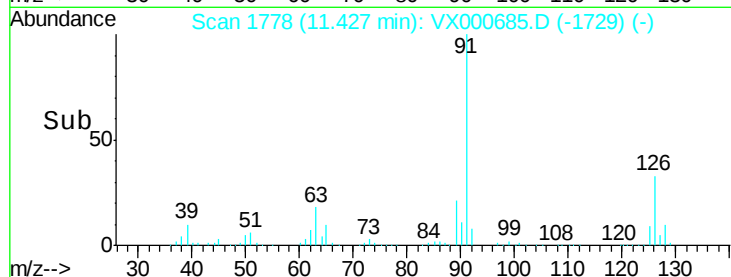
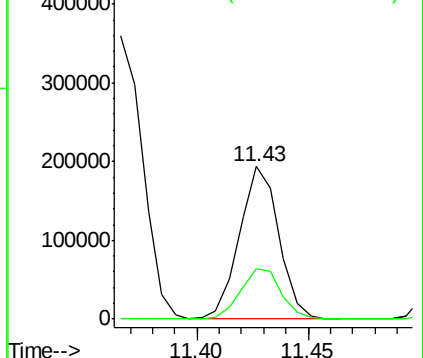
#79
 2-Chlorotoluene
 Concen: 51.97 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 91 Resp: 237804
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.3 51.9

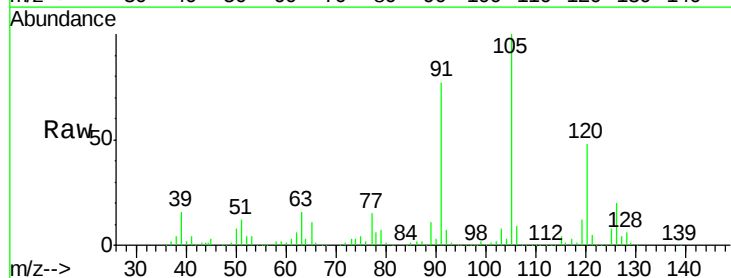


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

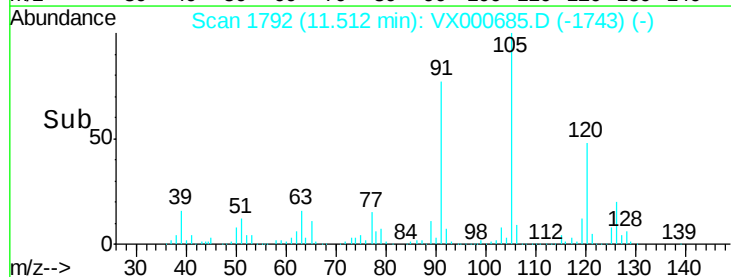
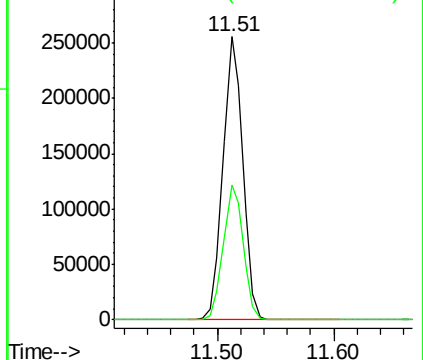


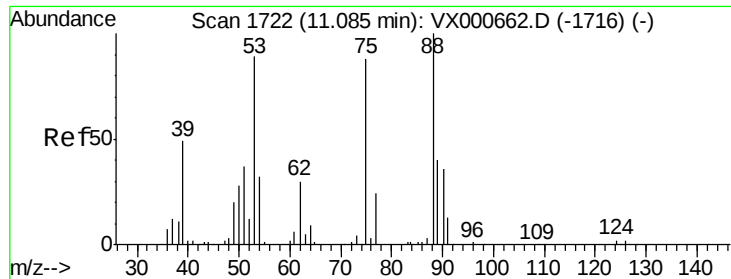
#80
 1,3,5-Trimethylbenzene
 Concen: 53.21 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion: 105 Resp: 300201
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.4 70.0



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: 51.57 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.01 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

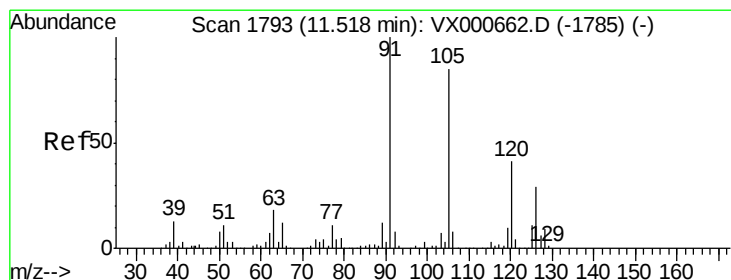
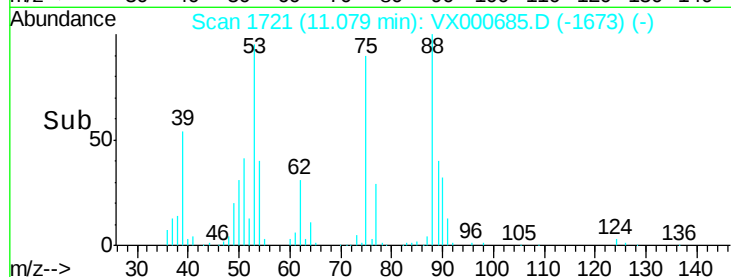
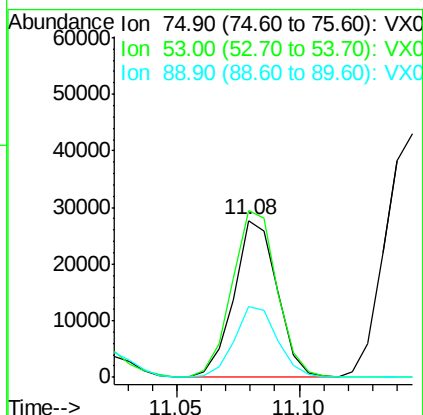
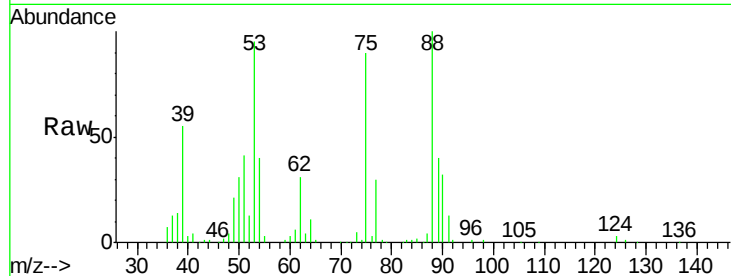
Tgt Ion: 75 Resp: 34278

Ion Ratio Lower Upper

75 100

53 109.9 85.7 128.5

89 44.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 52.99 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000685.D

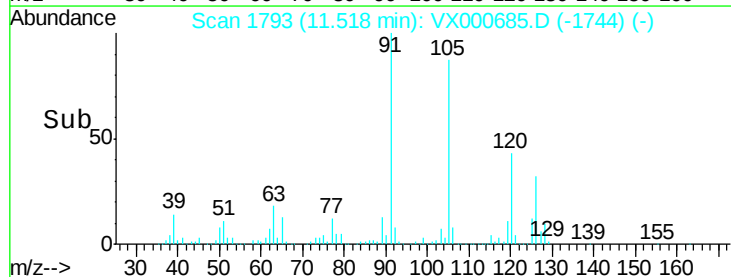
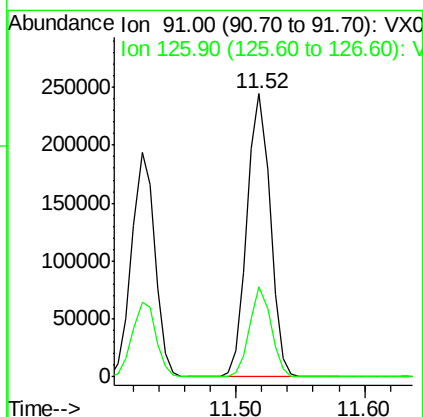
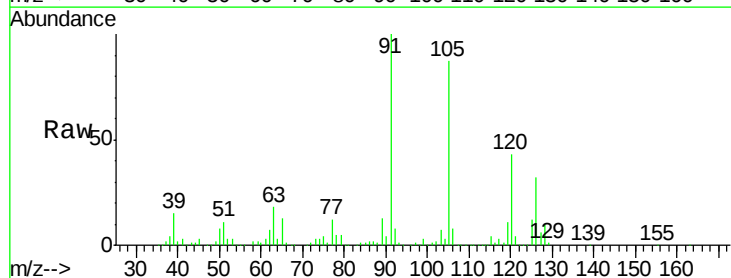
Acq: 05 Apr 2018 03:39

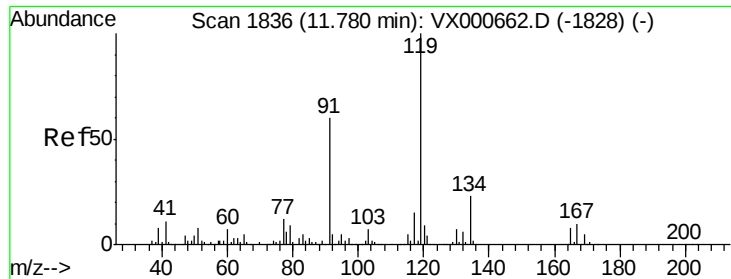
Tgt Ion: 91 Resp: 303446

Ion Ratio Lower Upper

91 100

126 29.6 14.8 44.3

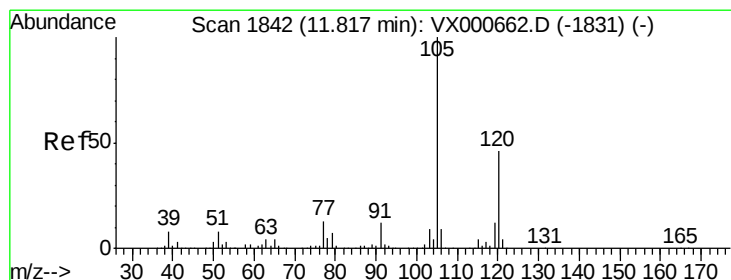
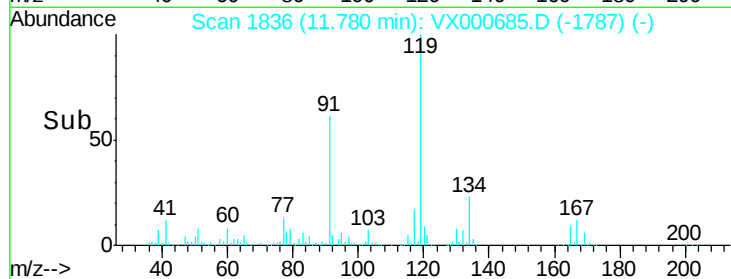
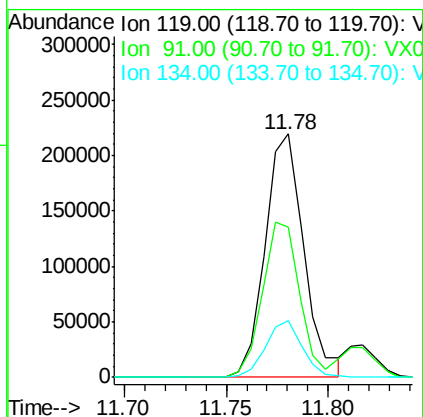
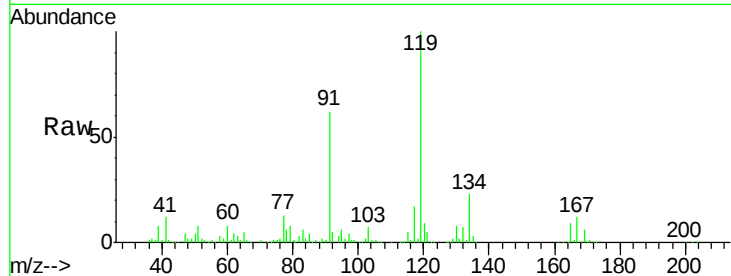




#83
 tert-Butylbenzene
 Concen: 52.86 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

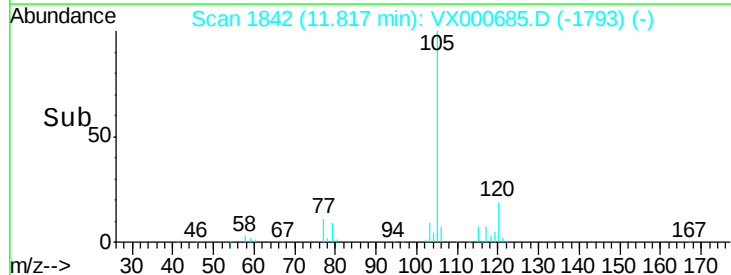
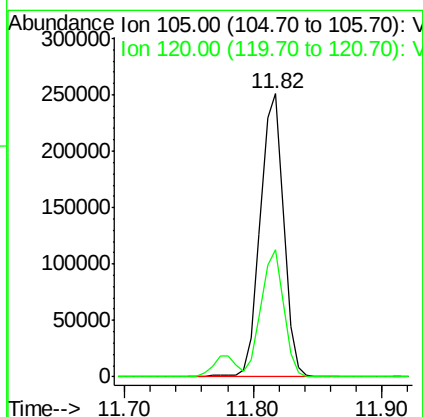
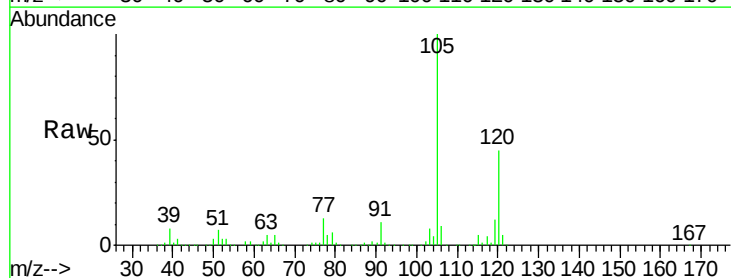
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

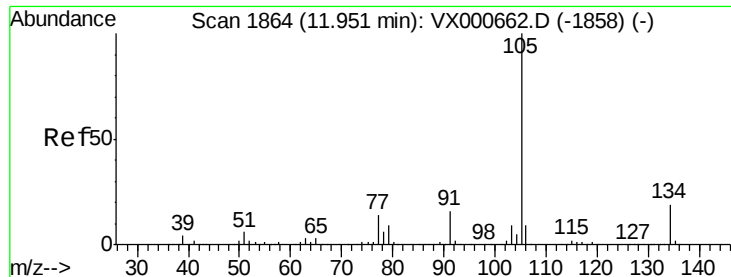
Tgt Ion:119 Resp: 290680
 Ion Ratio Lower Upper
 119 100
 91 61.1 30.9 92.8
 134 21.9 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 53.04 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion:105 Resp: 312943
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.6 65.0

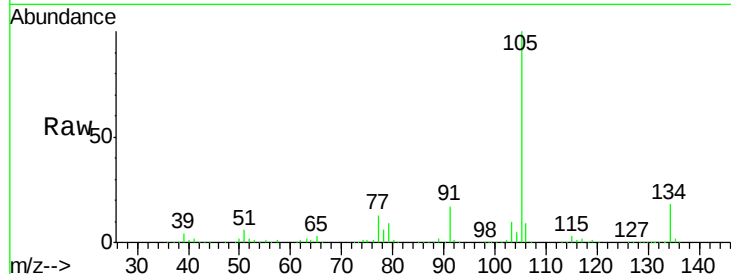




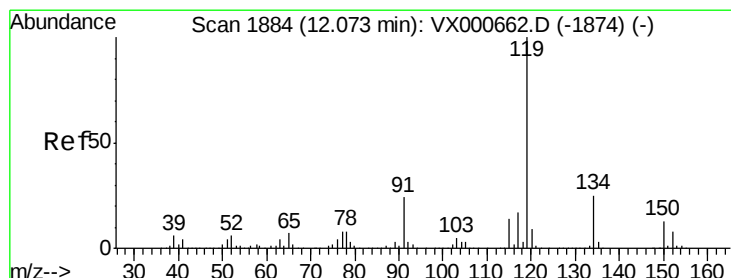
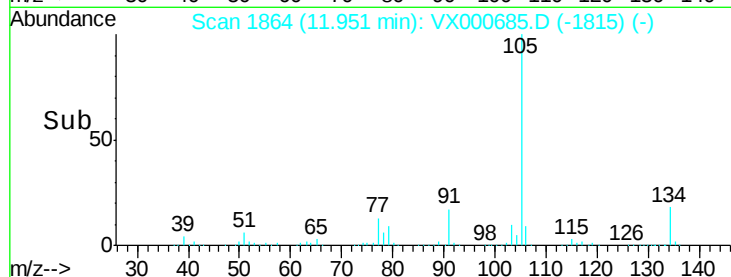
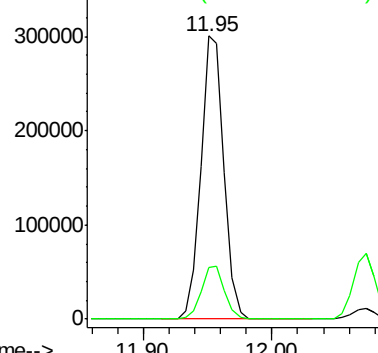
#85
 sec-Butylbenzene
 Concen: 53.71 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 375212
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.6

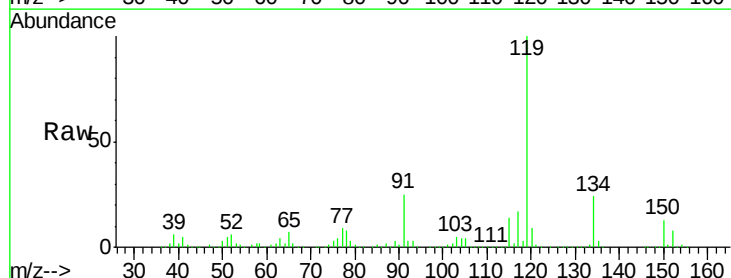


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

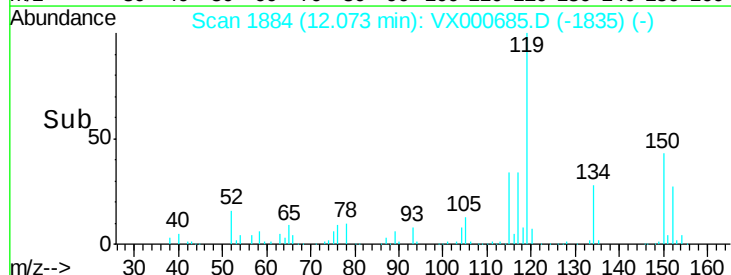
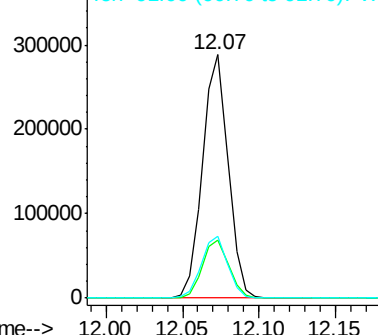


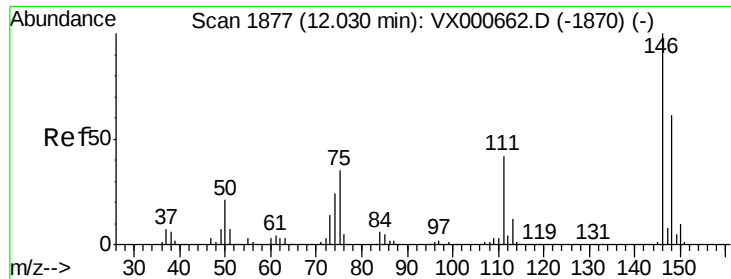
#86
 p-Isopropyltoluene
 Concen: 55.16 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion:119 Resp: 335390
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.9 38.6
 91 25.8 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VX0

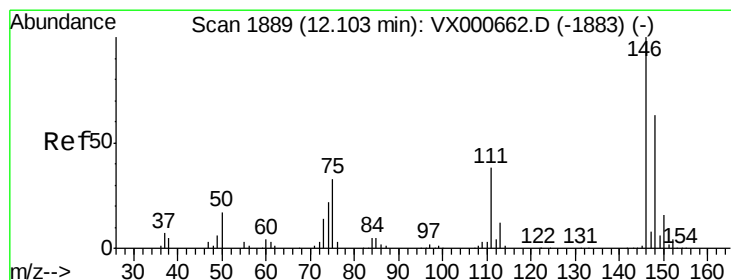
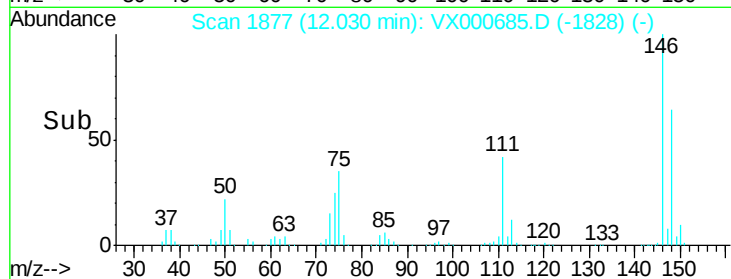
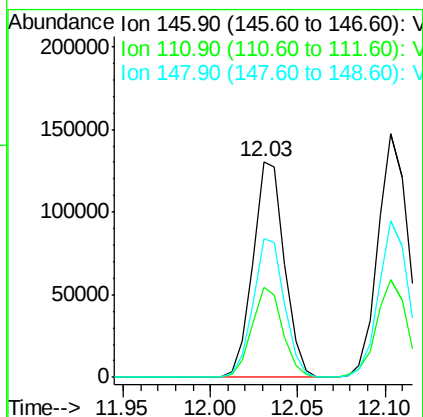
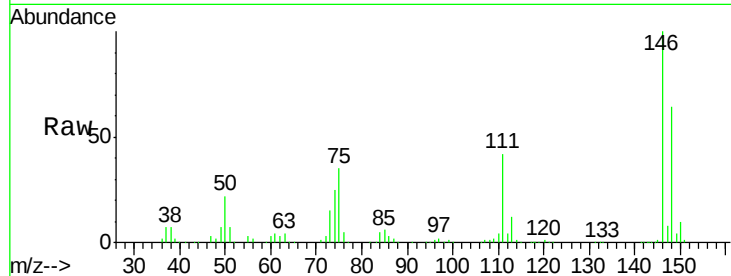




#87
 1,3-Dichlorobenzene
 Concen: 50.84 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

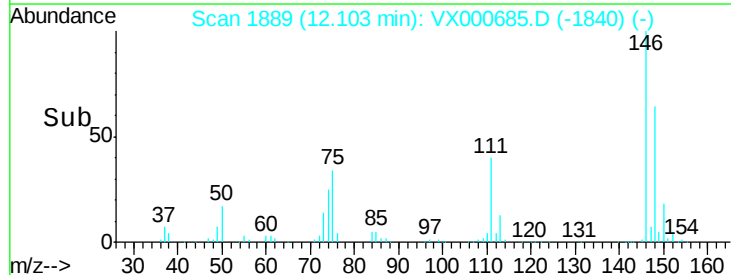
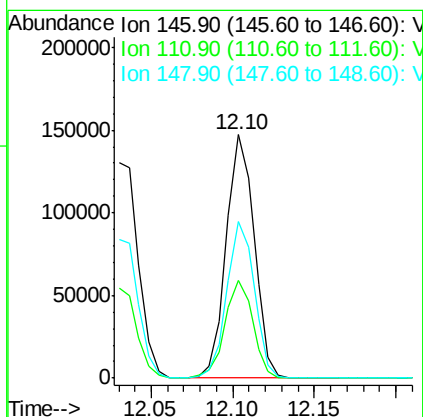
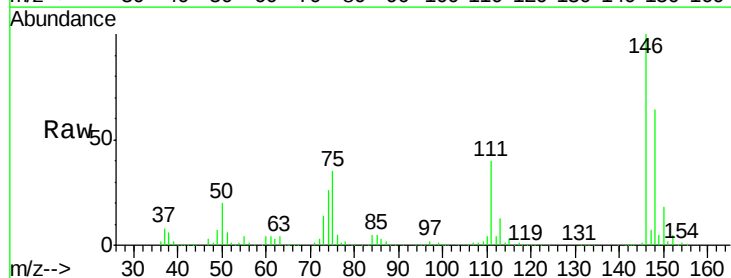
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

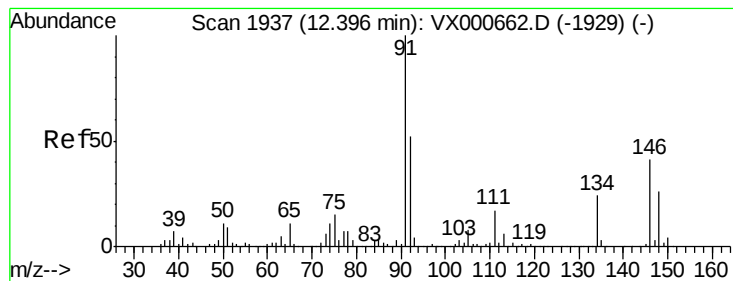
Tgt Ion:146 Resp: 163588
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.2 60.6
 148 64.1 31.0 93.0



#88
 1,4-Dichlorobenzene
 Concen: 50.02 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion:146 Resp: 176079
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.1 60.3
 148 63.0 31.8 95.4





#89

n-Butylbenzene

Concen: 53.23 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000685.D

Acq: 05 Apr 2018 03:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

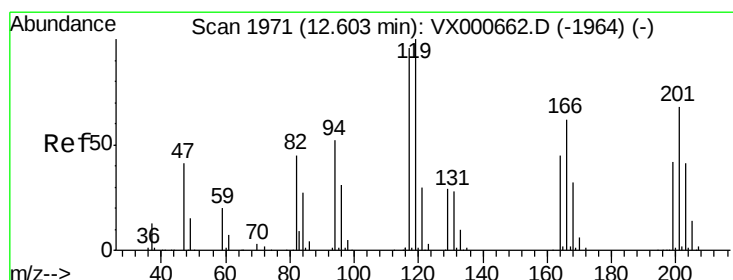
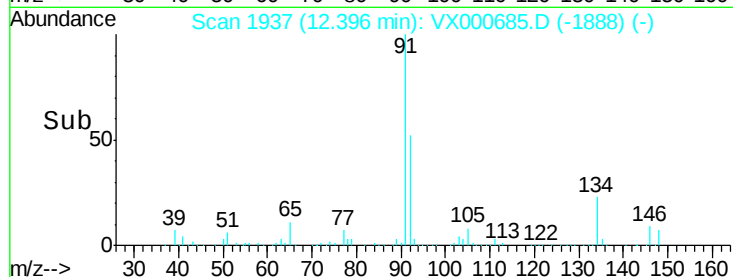
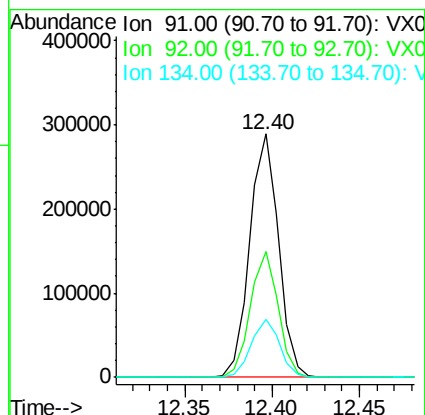
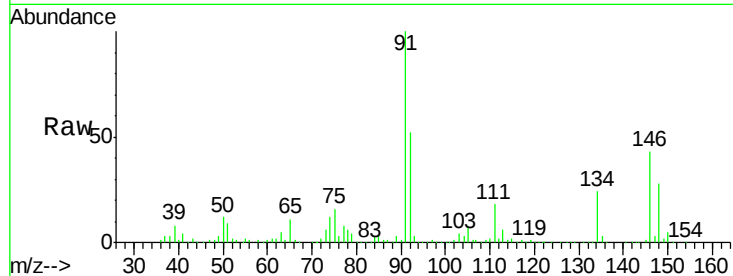
Tgt Ion: 91 Resp: 330157

Ion Ratio Lower Upper

91 100

92 50.2 25.9 77.8

134 23.6 12.2 36.6



#90

Hexachloroethane

Concen: 51.54 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000685.D

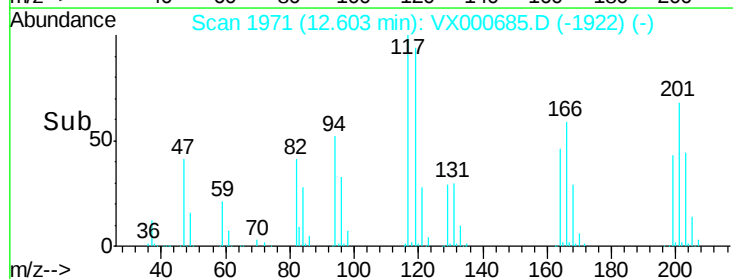
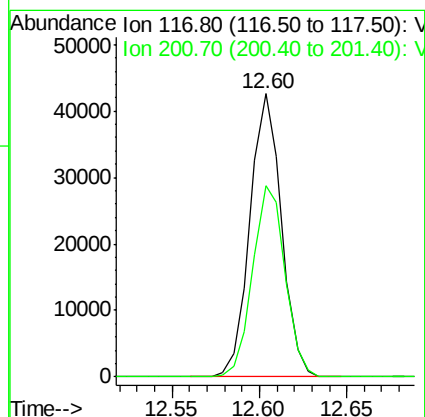
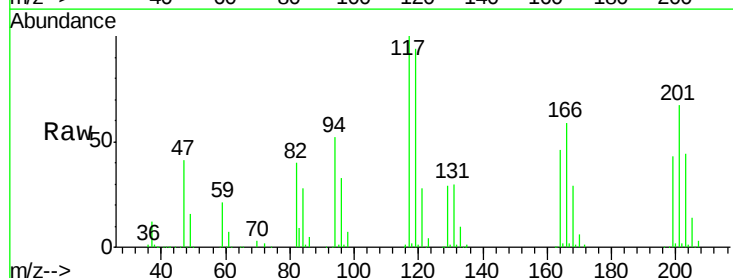
Acq: 05 Apr 2018 03:39

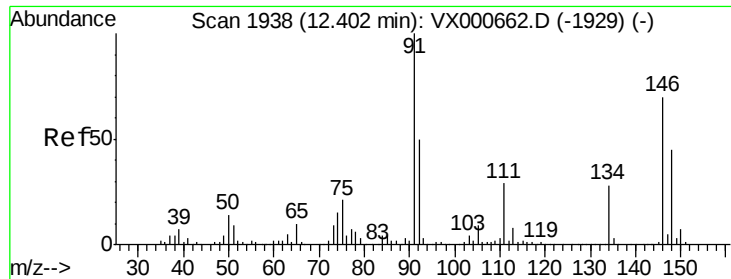
Tgt Ion: 117 Resp: 53239

Ion Ratio Lower Upper

117 100

201 69.7 33.9 101.6

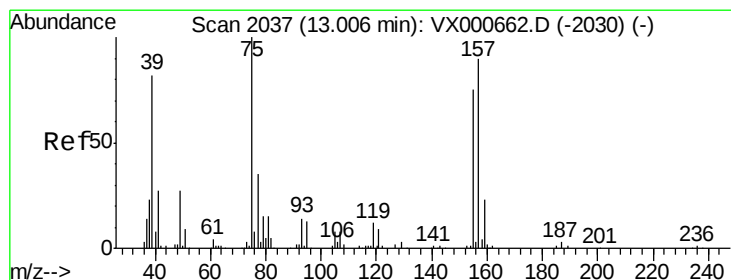
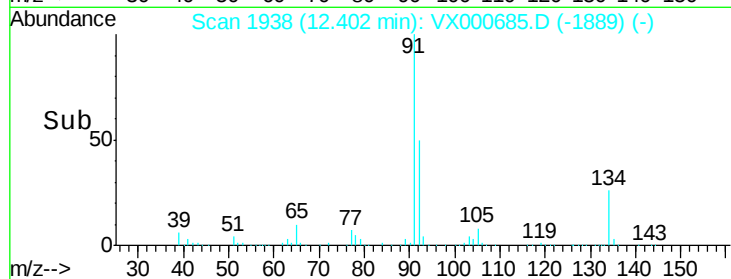
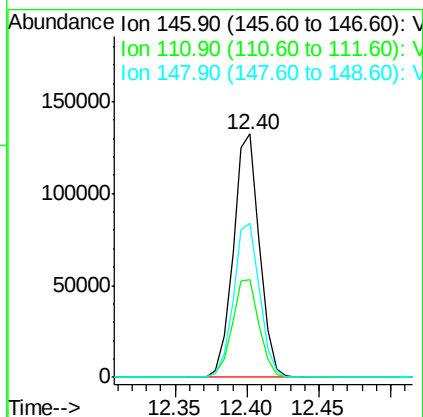
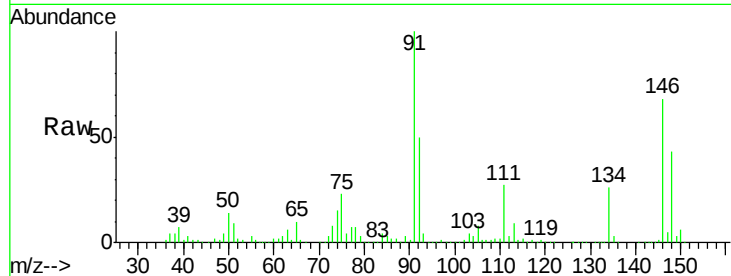




#91
 1,2-Dichlorobenzene
 Concen: 49.98 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

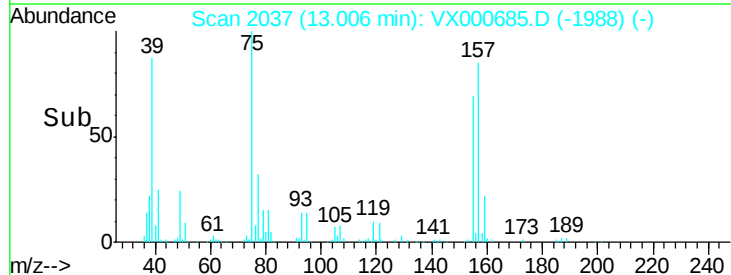
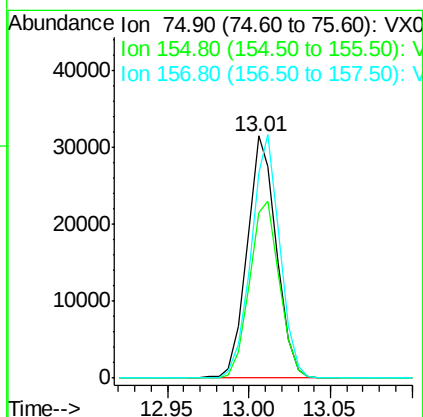
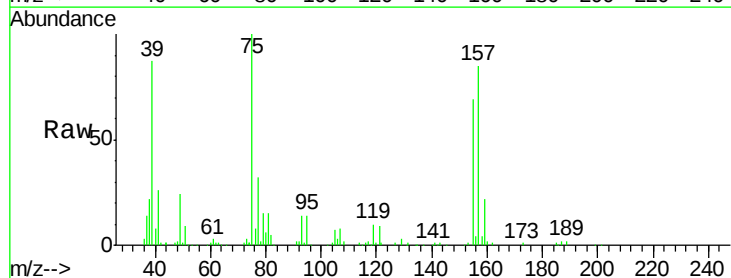
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

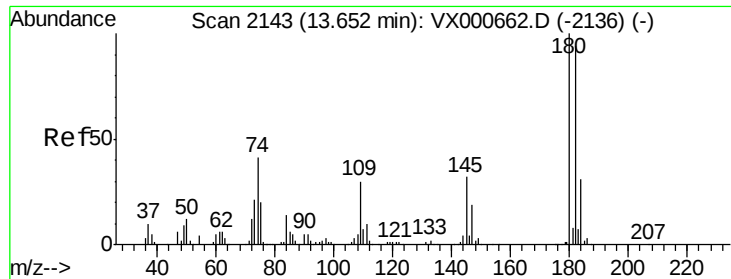
Tgt Ion: 146 Resp: 167727
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.3 63.7
 148 63.5 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.89 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion: 75 Resp: 39388
 Ion Ratio Lower Upper
 75 100
 155 74.8 38.9 116.7
 157 97.9 49.1 147.3

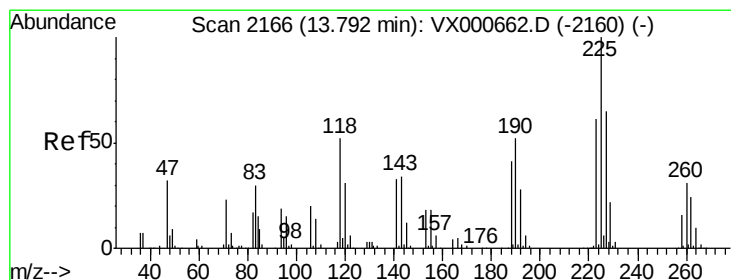
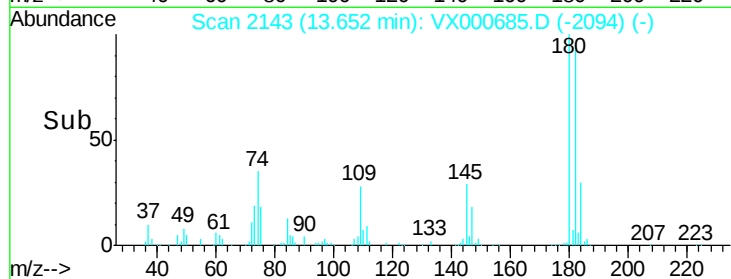
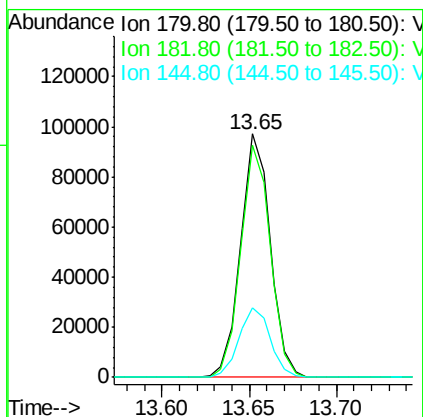
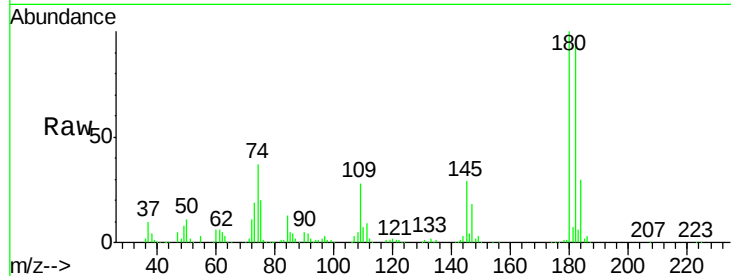




#93
 1,2,4-Trichlorobenzene
 Concen: 50.72 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

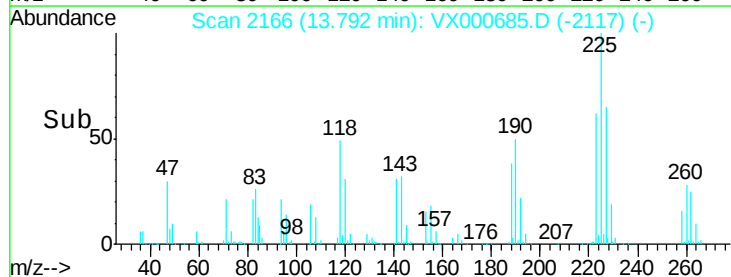
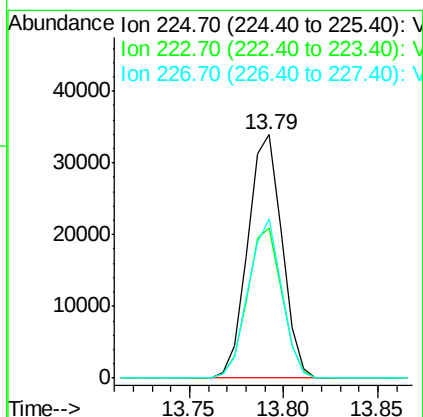
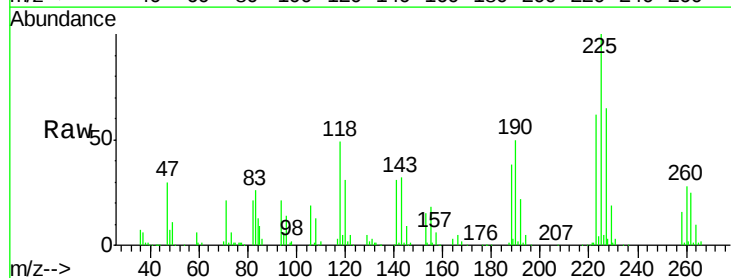
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

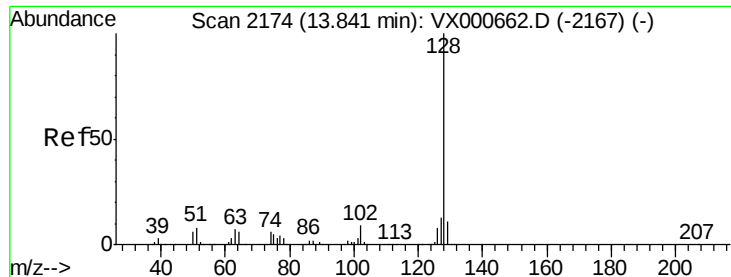
Tgt Ion:180 Resp: 114568
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.4 142.2
 145 30.2 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 49.41 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000685.D
 Acq: 05 Apr 2018 03:39

Tgt Ion:225 Resp: 42760
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.4 94.0
 227 63.7 32.7 98.1

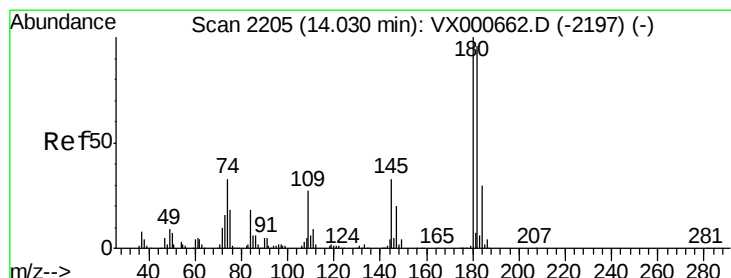
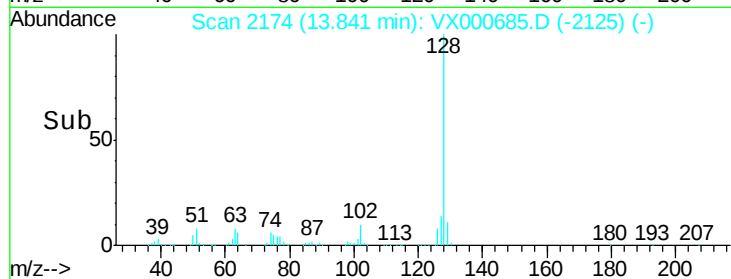
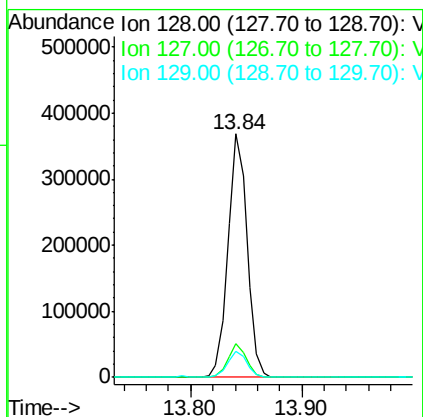
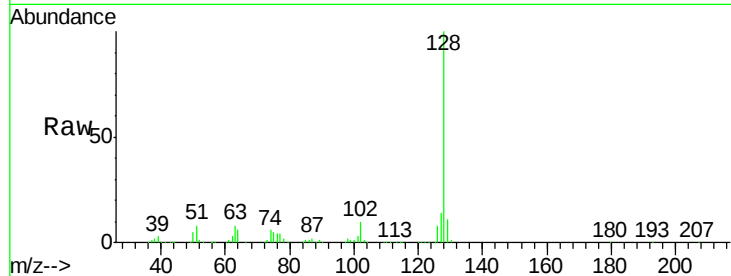




#95
Naphthalene
Concen: 53.03 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 436035
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 50.21 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000685.D
Acq: 05 Apr 2018 03:39

Tgt Ion:180 Resp: 114137
Ion Ratio Lower Upper
180 100
182 95.6 47.2 141.6
145 32.3 16.8 50.4

