

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000663.D
 Acq On : 04 Apr 2018 17:44
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 05 02:09:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 02:06:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	105023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	183435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	207592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	141796	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	174390	122.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	244.30%	
35) Dibromofluoromethane	5.51	113	128080	110.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	220.18%	
50) Toluene-d8	8.73	98	593901	121.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	242.88%	
62) 4-Bromofluorobenzene	11.15	95	246216	127.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	254.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	146650	123.31	ug/l	98
3) Chloromethane	1.32	50	114337	94.93	ug/l	96
4) Vinyl Chloride	1.40	62	144573	108.73	ug/l	100
5) Bromomethane	1.64	94	156184	98.04	ug/l	97
6) Chloroethane	1.71	64	116746	116.78	ug/l	99
7) Trichlorofluoromethane	1.92	101	296553	124.35	ug/l	96
8) Diethyl Ether	2.19	74	107820	125.51	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	163113	122.77	ug/l	98
10) Methyl Iodide	2.51	142	129692	121.55	ug/l	98
11) Tert butyl alcohol	3.11	59	375246	743.82	ug/l	100
12) 1,1-Dichloroethene	2.37	96	146752	126.65	ug/l	97
13) Acrolein	2.30	56	219464	1079.62	ug/l	100
14) Allyl chloride	2.73	41	287136	126.33	ug/l	98
15) Acrylonitrile	3.16	53	708064	704.43	ug/l	99
16) Acetone	2.46	43	721145	615.59	ug/l	99
17) Carbon Disulfide	2.57	76	339171	102.78	ug/l	98
18) Methyl Acetate	2.79	43	347498	138.13	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	574134	132.45	ug/l	100
20) Methylene Chloride	2.86	84	166098	123.32	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	161139	124.81	ug/l	92
22) Diisopropyl ether	3.89	45	409456	114.57	ug/l	95
23) Vinyl Acetate	3.84	43	1929970	581.55	ug/l	99
24) 1,1-Dichloroethane	3.70	63	237981	104.11	ug/l	99
25) 2-Butanone	4.73	43	782720	604.48	ug/l	98
26) 2,2-Dichloropropane	4.59	77	157277	103.16	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	116923	100.10	ug/l	97
28) Bromochloromethane	5.03	49	94466	102.86	ug/l	99
29) Tetrahydrofuran	5.18	42	527912	660.26	ug/l	99
30) Chloroform	5.23	83	249076	119.87	ug/l	95
31) Cyclohexane	5.58	56	178691	105.07	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	212699	114.09	ug/l	98
36) 1,1-Dichloropropene	5.81	75	173721	102.30	ug/l	99
37) Ethyl Acetate	4.89	43	279509	119.46	ug/l	99
38) Carbon Tetrachloride	5.79	117	178648	101.68	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000663.D
 Acq On : 04 Apr 2018 17:44
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 05 02:09:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 02:06:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	198292	97.40	ug/l	95
40) Benzene	6.15	78	516399	105.26	ug/l	100
41) Methacrylonitrile	5.08	41	145310	116.20	ug/l	98
42) 1,2-Dichloroethane	6.21	62	213572	109.34	ug/l	98
43) Isopropyl Acetate	6.48	43	425627	121.38	ug/l	99
44) Trichloroethene	7.22	130	133636	95.25	ug/l	100
45) 1,2-Dichloropropane	7.52	63	137137	108.47	ug/l	97
46) Dibromomethane	7.67	93	101679	102.75	ug/l	99
47) Bromodichloromethane	7.91	83	208655	119.38	ug/l	97
48) Methyl methacrylate	7.79	41	209714	123.10	ug/l	98
49) 1,4-Dioxane	7.77	88	93328	2584.31	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1849602	672.22	ug/l	96
52) Toluene	8.79	92	401563	116.43	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	232674	115.12	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	246183	125.32	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	164961	115.79	ug/l	96
56) Ethyl methacrylate	9.20	69	272471	125.75	ug/l	95
57) 1,3-Dichloropropane	9.38	76	258956	113.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	590821	584.36	ug/l	98
59) 2-Hexanone	9.51	43	1579006	672.70	ug/l	96
60) Dibromochloromethane	9.59	129	189063	130.78	ug/l	100
61) 1,2-Dibromoethane	9.68	107	191319	125.61	ug/l	97
64) Tetrachloroethene	9.34	164	136796	87.45	ug/l	95
65) Chlorobenzene	10.15	112	464978	102.72	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	159131	104.91	ug/l	95
67) Ethyl Benzene	10.26	91	826625	107.10	ug/l	96
68) m/p-Xylenes	10.37	106	668406	220.75	ug/l	97
69) o-Xylene	10.71	106	317803	108.73	ug/l	96
70) Styrene	10.72	104	579363	119.40	ug/l	97
71) Bromoform	10.87	173	158588	117.37	ug/l #	99
73) Isopropylbenzene	11.02	105	916087	100.39	ug/l	99
74) N-amyl acetate	6.48	43	425627	92.60	ug/l #	99
75) 1,1,1,2-Tetrachloroethane	11.28	83	339744	104.35	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	405409	135.33	ug/l	87
77) Bromobenzene	11.26	156	228324	94.15	ug/l	93
78) n-propylbenzene	11.37	91	1081974	98.40	ug/l	97
79) 2-Chlorotoluene	11.43	91	615153	97.02	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	785850	101.83	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	104303	114.38	ug/l	92
82) 4-Chlorotoluene	11.52	91	767380	100.46	ug/l	97
83) tert-Butylbenzene	11.78	119	779417	100.71	ug/l	95
84) 1,2,4-Trimethylbenzene	11.82	105	816257	100.86	ug/l	99
85) sec-Butylbenzene	11.96	105	972464	100.96	ug/l	98
86) p-Isopropyltoluene	12.07	119	865839	101.15	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	445618	96.81	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	465443	95.79	ug/l	98
89) n-Butylbenzene	12.40	91	844041	104.49	ug/l	99
90) Hexachloroethane	12.60	117	144400	108.21	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	450279	99.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	98356	107.19	ug/l	95

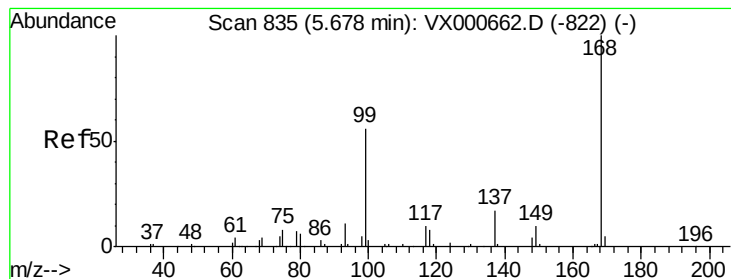
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
Data File : VX000663.D
Acq On : 04 Apr 2018 17:44
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Apr 05 02:09:56 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 05 02:06:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	303287	93.77	ug/l	98
94) Hexachlorobutadiene	13.79	225	110115	83.67	ug/l	98
95) Naphthalene	13.84	128	1172465	104.00	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	300958	94.56	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

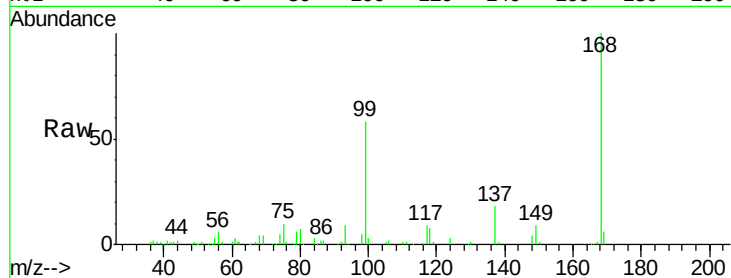
VSTDIC100

Tot Ion:168 Resp: 105023

Ion Ratio Lower Upper

168 100

99 56.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

50000

40000

30000

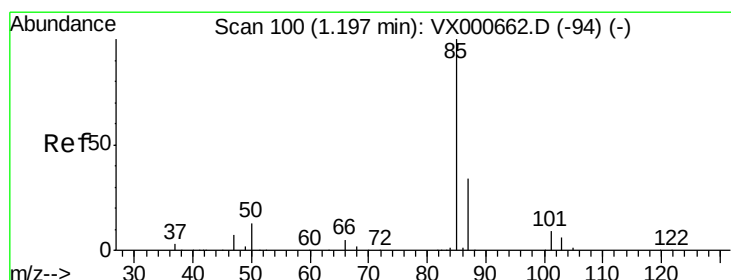
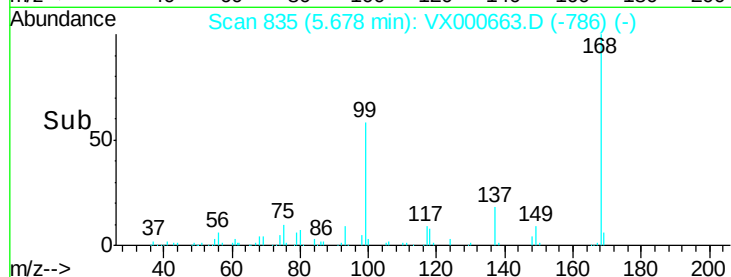
20000

10000

0

5.60 5.68 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 123.31 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX000663.D

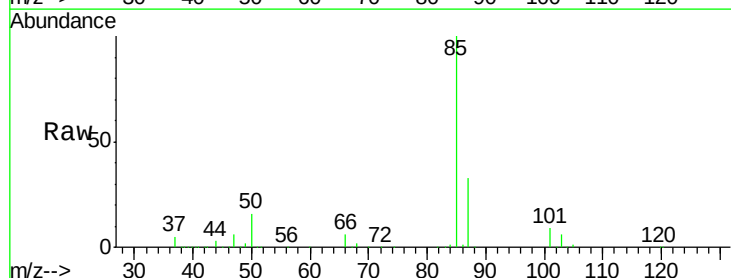
Acq: 04 Apr 2018 17:44

Tgt Ion: 85 Resp: 146650

Ion Ratio Lower Upper

85 100

87 32.9 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

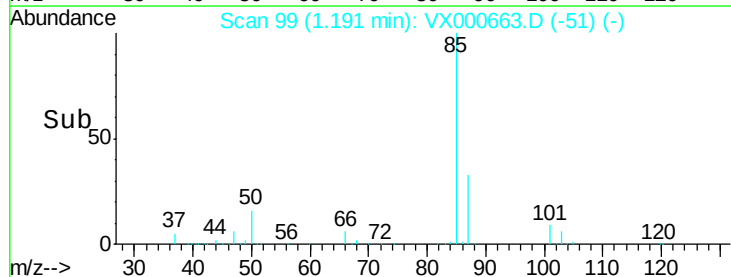
100000

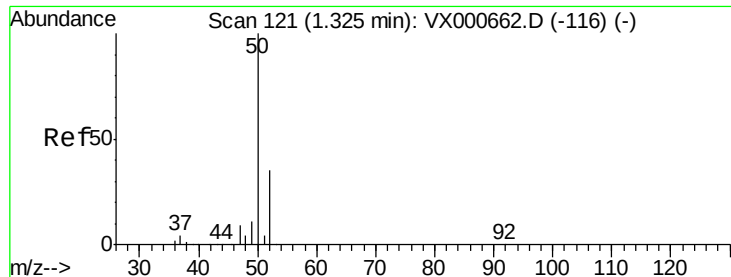
50000

0

1.15 1.19 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 94.93 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

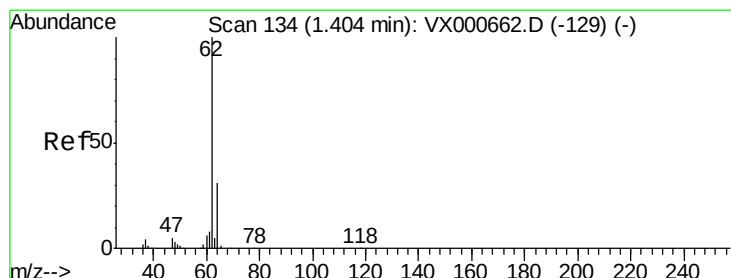
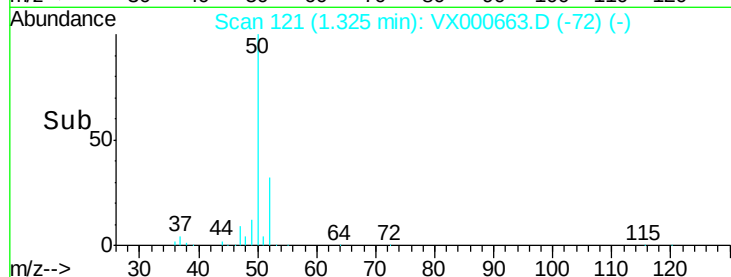
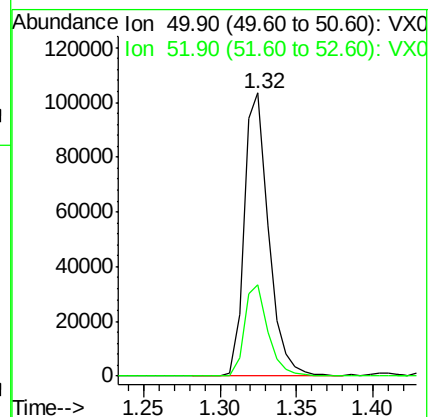
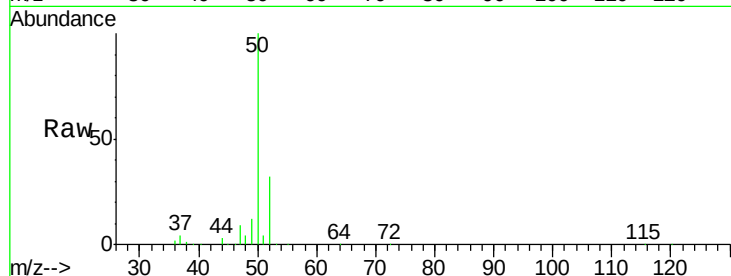
VSTDICC100

Tot Ion: 50 Resp: 114337

Ion Ratio Lower Upper

50 100

52 32.5 28.0 42.0



#4

Vinyl Chloride

Concen: 108.73 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000663.D

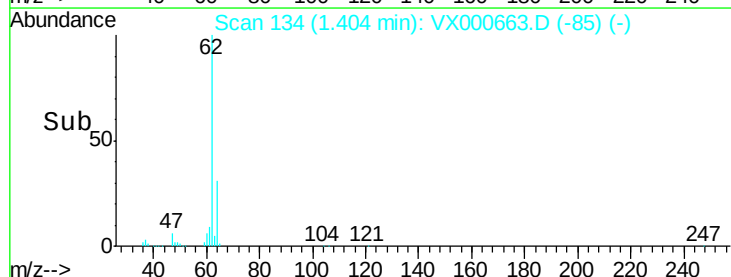
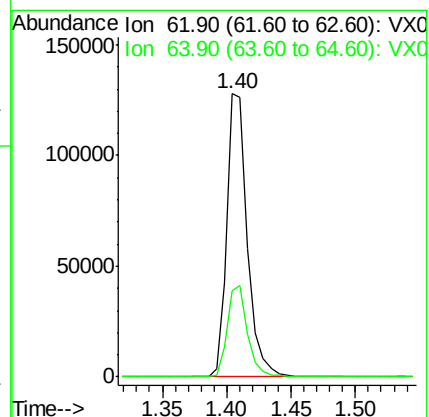
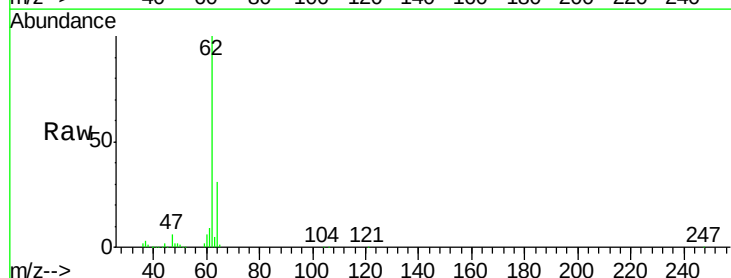
Acq: 04 Apr 2018 17:44

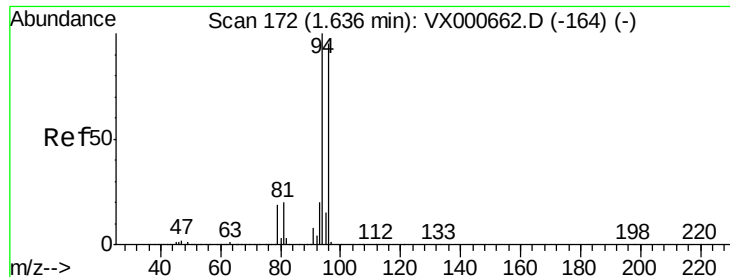
Tgt Ion: 62 Resp: 144573

Ion Ratio Lower Upper

62 100

64 30.6 24.6 37.0





#5

Bromomethane

Concen: 98.04 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

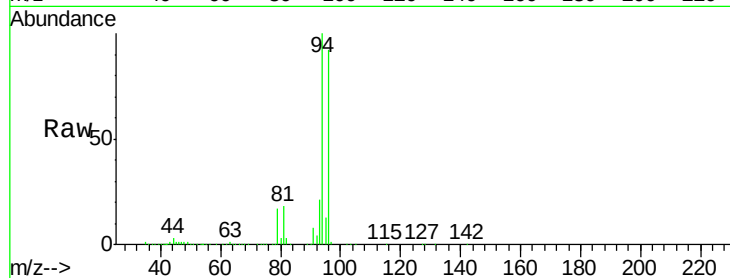
VSTDIC100

Tot Ion: 94 Resp: 156184

Ion Ratio Lower Upper

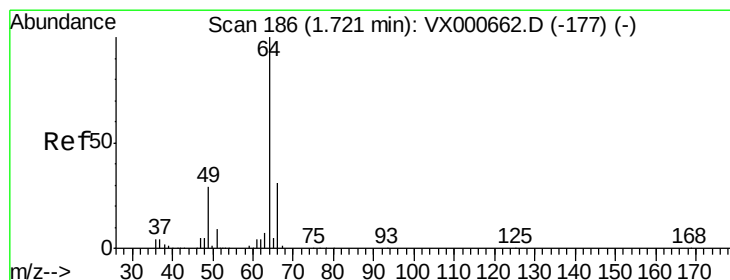
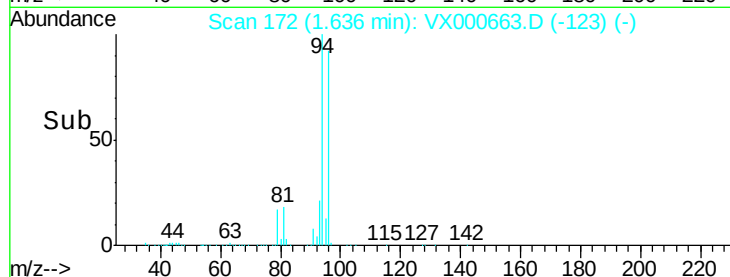
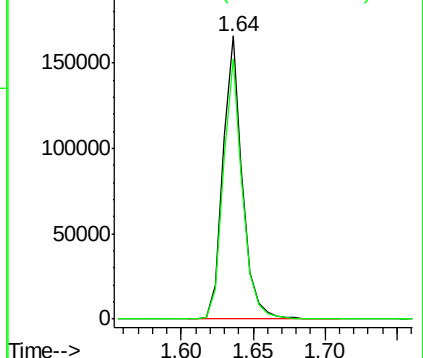
94 100

96 92.1 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: 116.78 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX000663.D

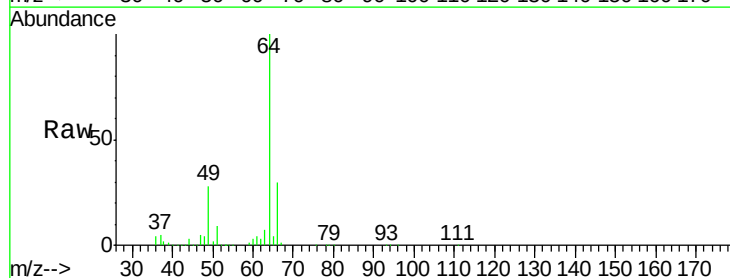
Acq: 04 Apr 2018 17:44

Tgt Ion: 64 Resp: 116746

Ion Ratio Lower Upper

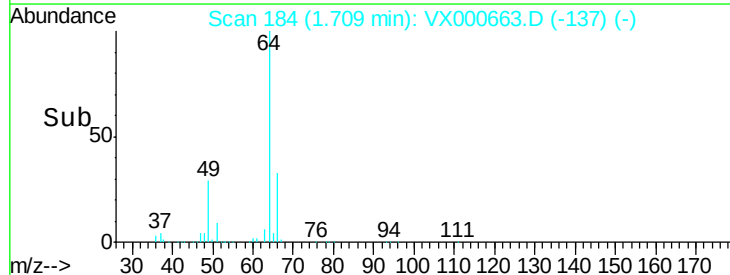
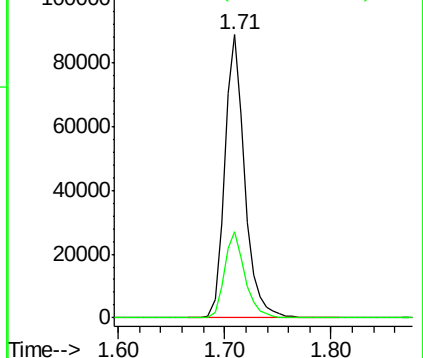
64 100

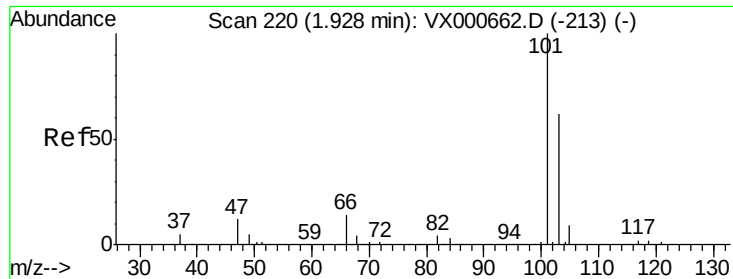
66 30.5 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



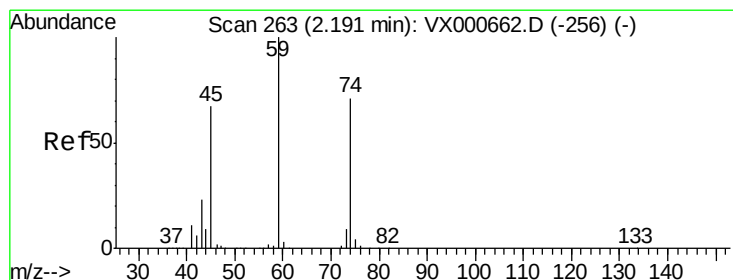
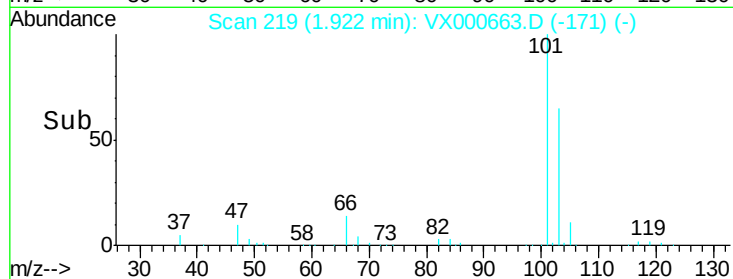
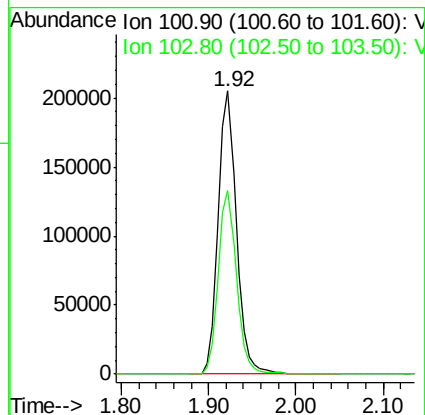
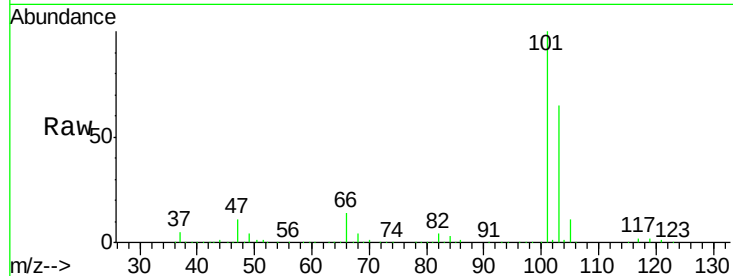


#7

Trichlorofluoromethane
 Concen: 124.35 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX000663.D
 Acq: 04 Apr 2018 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

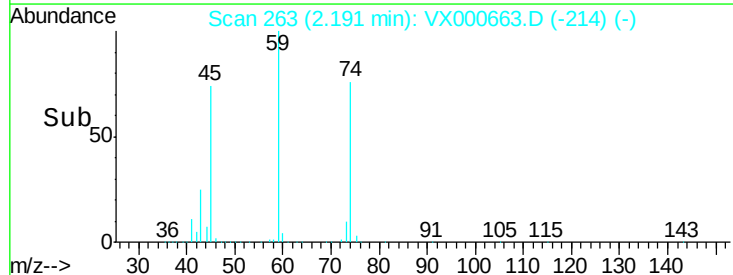
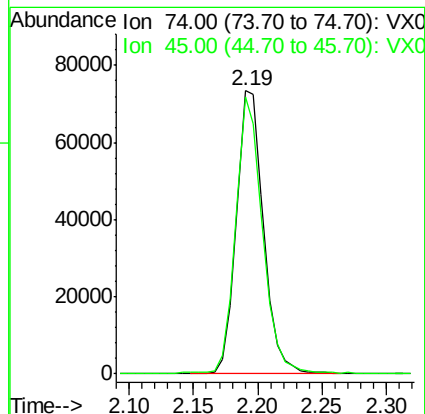
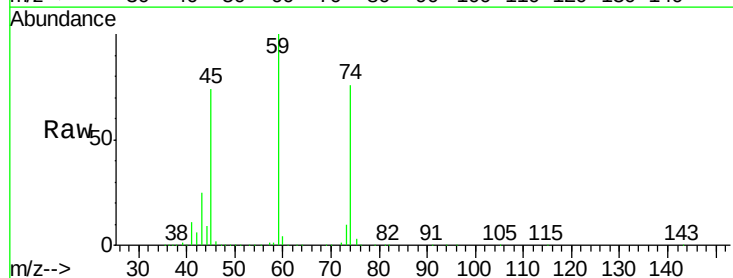
Tot Ion:101 Resp: 296553
 Ion Ratio Lower Upper
 101 100
 103 64.9 49.4 74.0

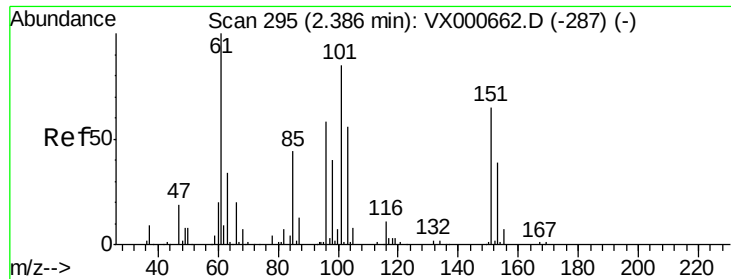


#8

Diethyl Ether
 Concen: 125.51 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX000663.D
 Acq: 04 Apr 2018 17:44

Tgt Ion: 74 Resp: 107820
 Ion Ratio Lower Upper
 74 100
 45 97.8 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 122.77 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

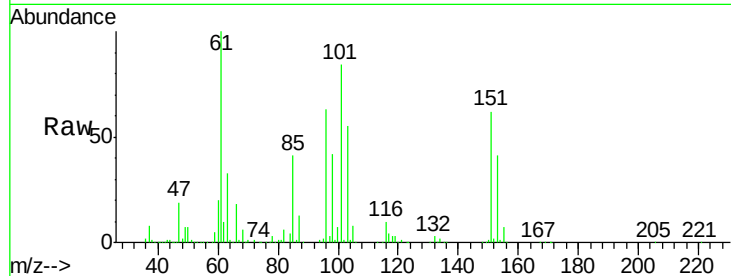
Tot Ion:101 Resp: 163113

Ion Ratio Lower Upper

101 100

85 48.7 40.0 60.0

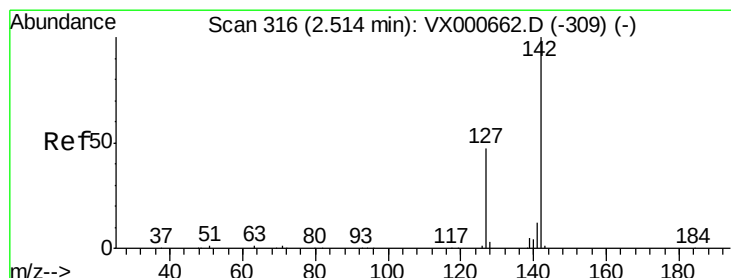
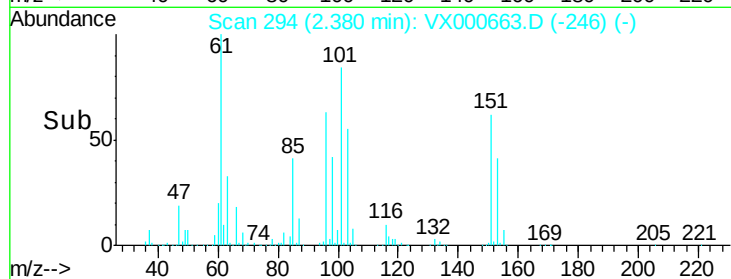
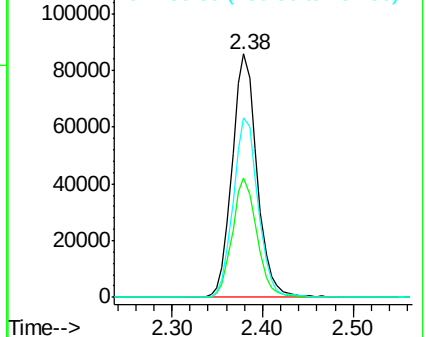
151 73.8 57.4 86.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 121.55 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

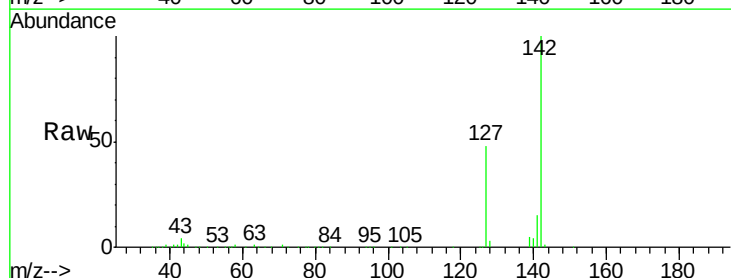
Tgt Ion:142 Resp: 129692

Ion Ratio Lower Upper

142 100

127 49.9 40.7 61.1

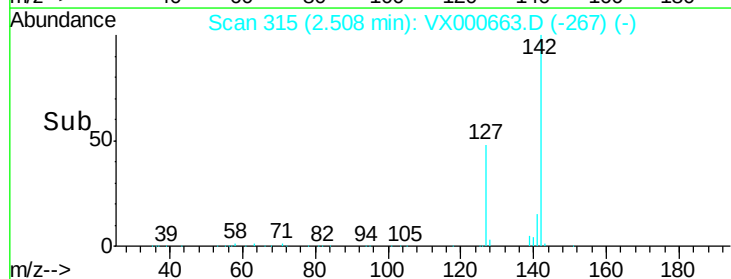
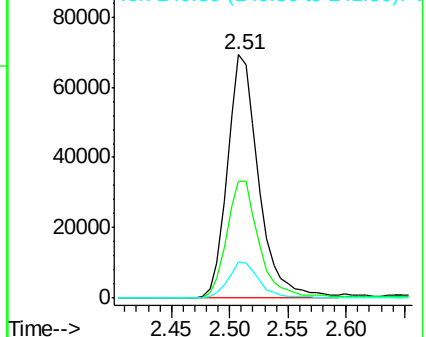
141 15.1 11.1 16.7

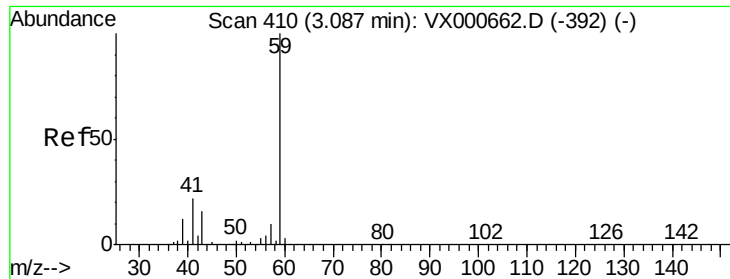


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



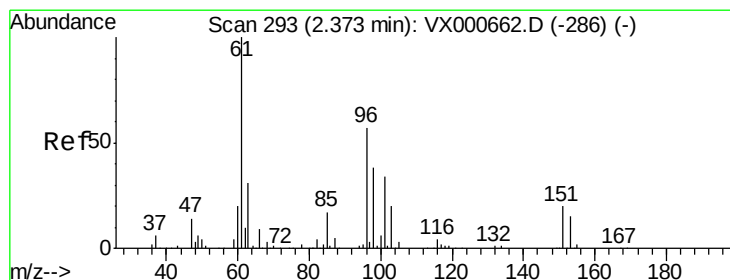
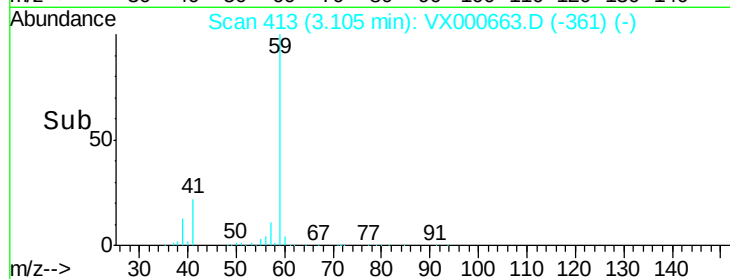
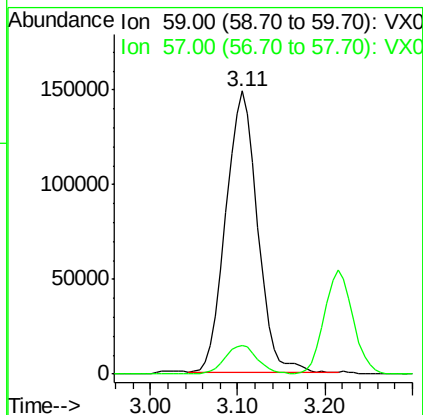
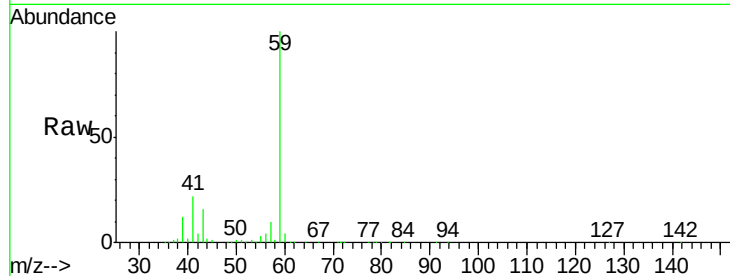


#11

Tert butyl alcohol
Concen: 743.82 ug/l
RT: 3.11 min Scan# 413
Delta R.T. 0.02 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

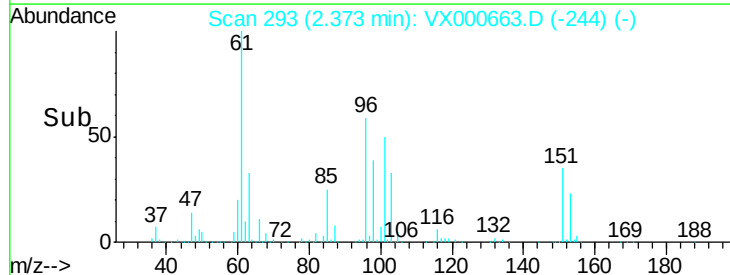
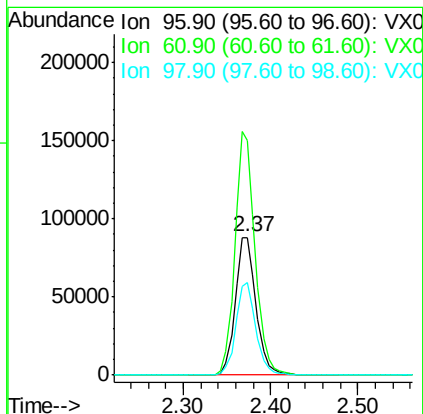
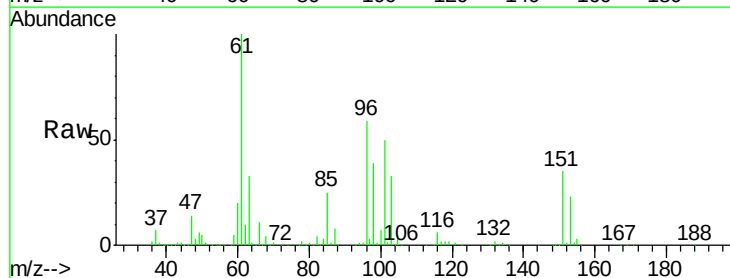
Tot Ion: 59 Resp: 375246
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

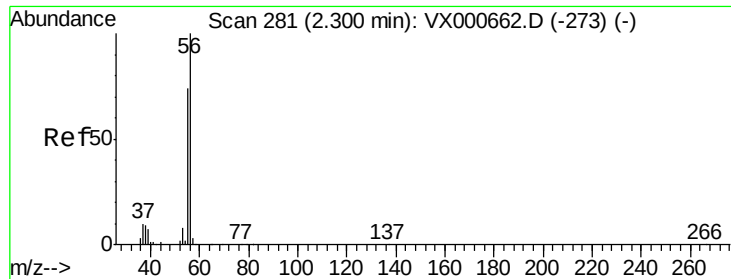


#12

1,1-Dichloroethene
Concen: 126.65 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

Tgt Ion: 96 Resp: 146752
Ion Ratio Lower Upper
96 100
61 170.4 140.2 210.2
98 67.2 52.6 79.0





#13

Acrolein

Concen: 1079.62 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

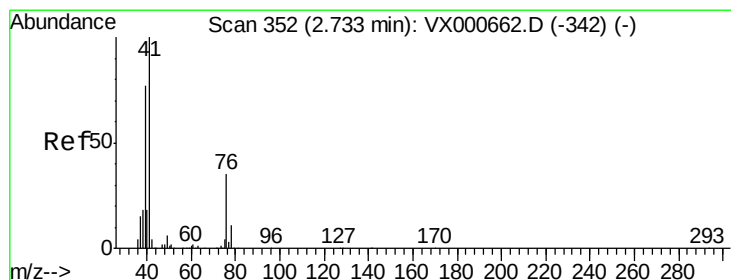
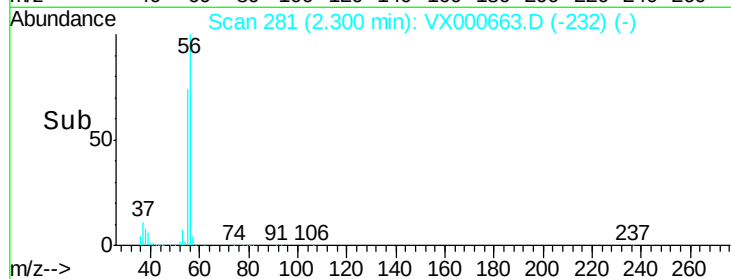
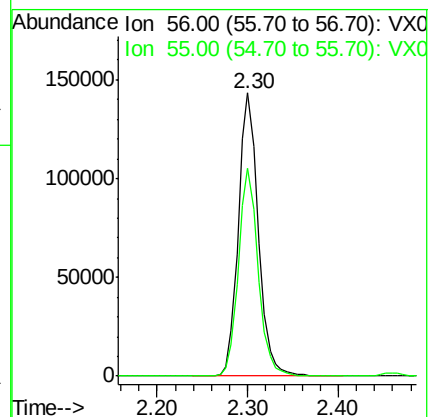
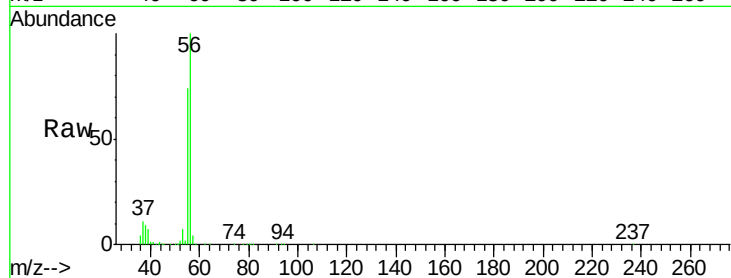
VSTDIC100

Tot Ion: 56 Resp: 219464

Ion Ratio Lower Upper

56 100

55 72.6 58.1 87.1



#14

Allyl chloride

Concen: 126.33 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

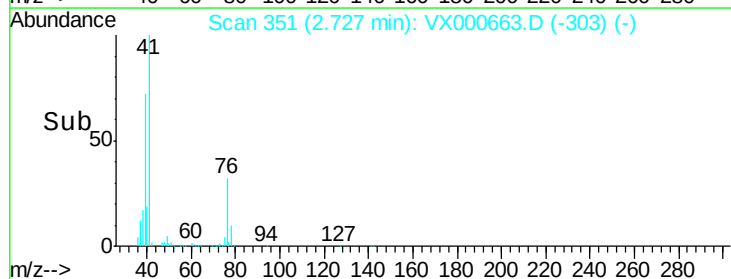
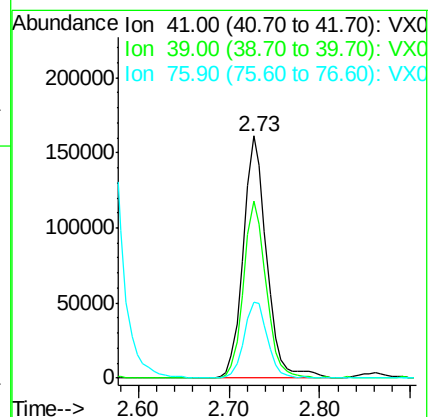
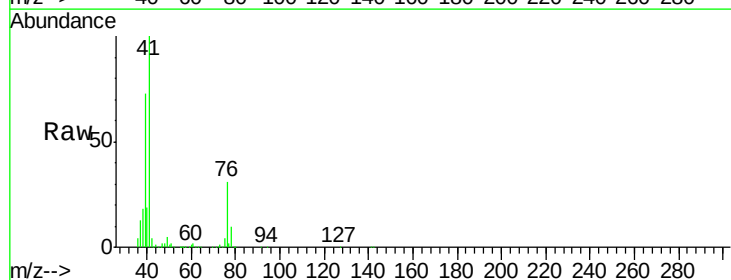
Tgt Ion: 41 Resp: 287136

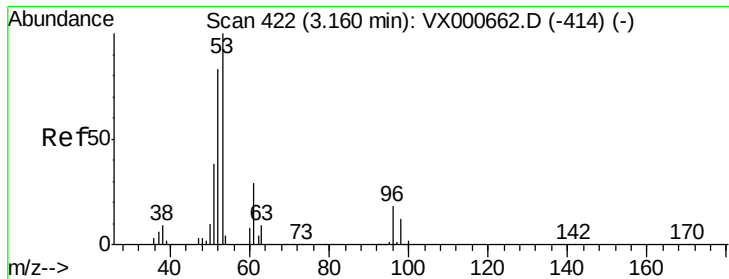
Ion Ratio Lower Upper

41 100

39 70.2 57.0 85.6

76 31.5 23.9 35.9





#15

Acrylonitrile

Concen: 704.43 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

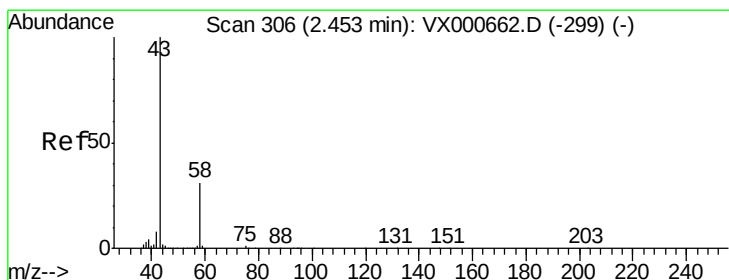
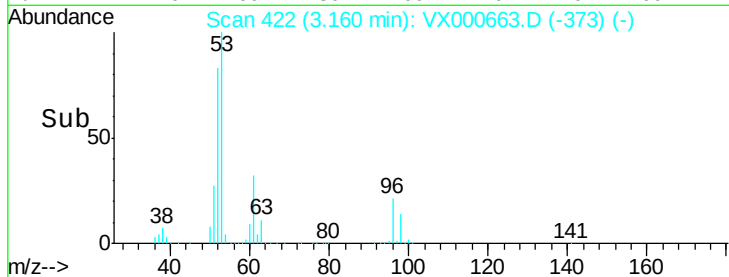
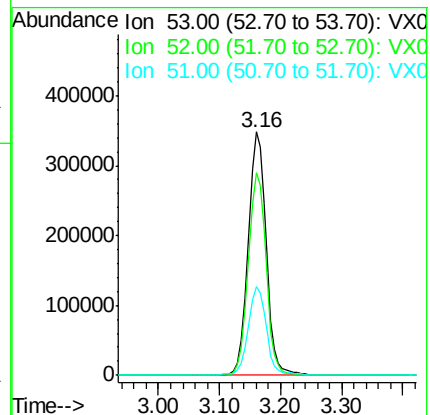
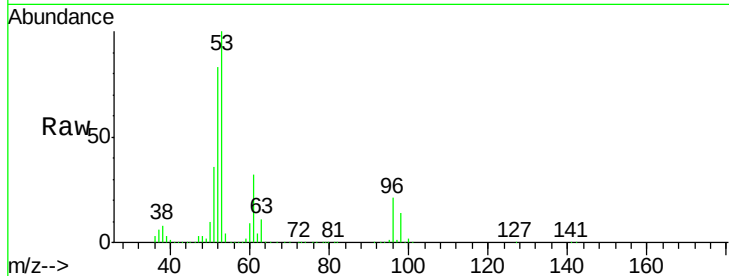
Tot Ion: 53 Resp: 708064

Ion Ratio Lower Upper

53 100

52 82.8 66.5 99.7

51 37.2 30.6 46.0



#16

Acetone

Concen: 615.59 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX000663.D

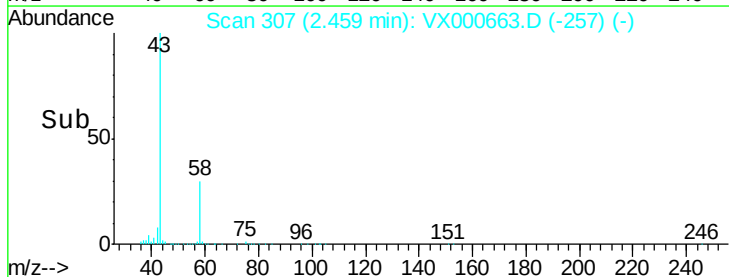
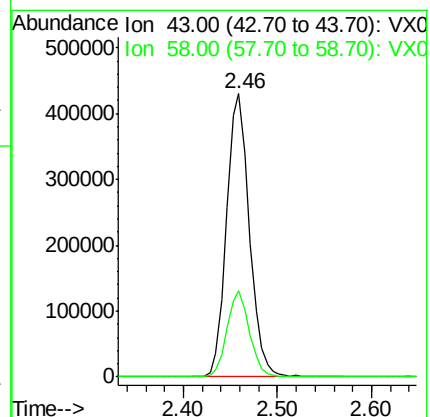
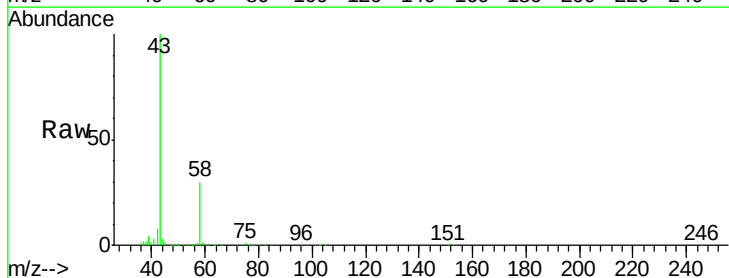
Acq: 04 Apr 2018 17:44

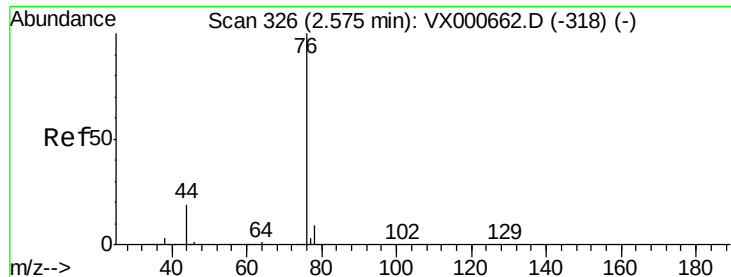
Tgt Ion: 43 Resp: 721145

Ion Ratio Lower Upper

43 100

58 30.3 24.7 37.1





#17

Carbon Disulfide

Concen: 102.78 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

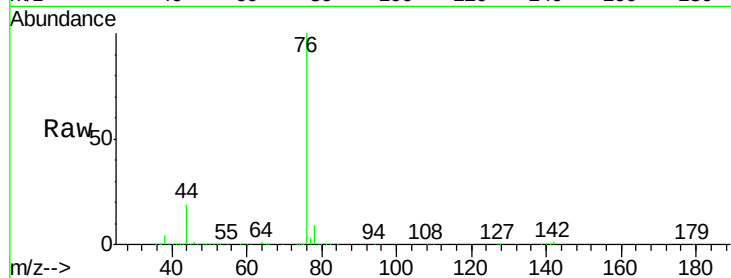
VSTDIC100

Tot Ion: 76 Resp: 339171

Ion Ratio Lower Upper

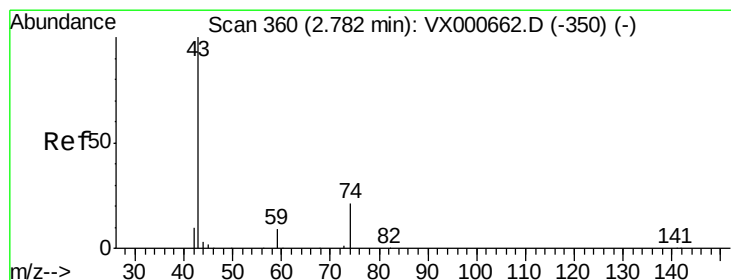
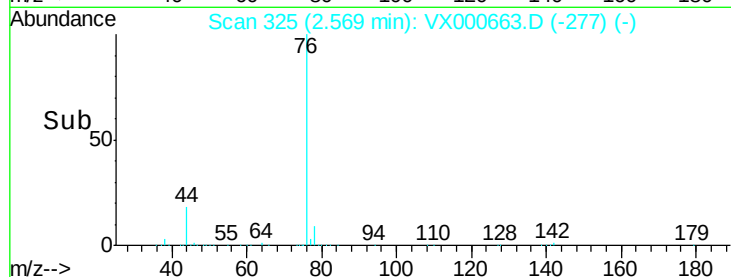
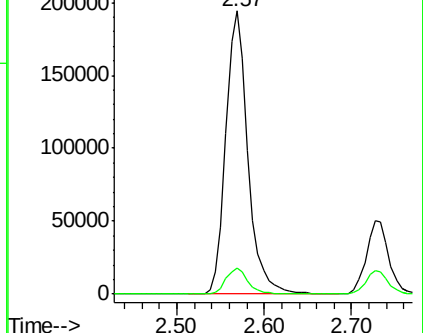
76 100

78 9.4 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: 138.13 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX000663.D

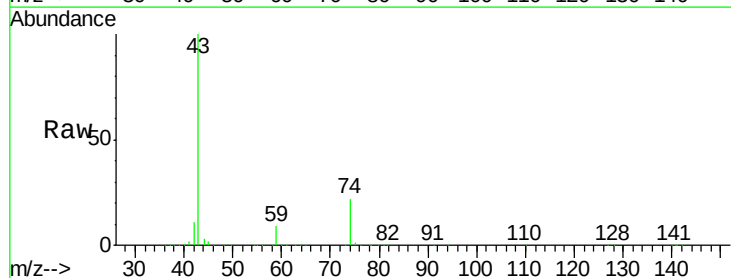
Acq: 04 Apr 2018 17:44

Tgt Ion: 43 Resp: 347498

Ion Ratio Lower Upper

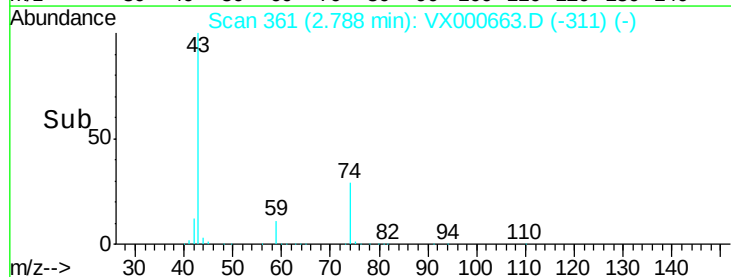
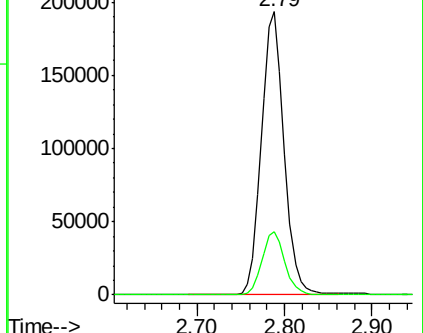
43 100

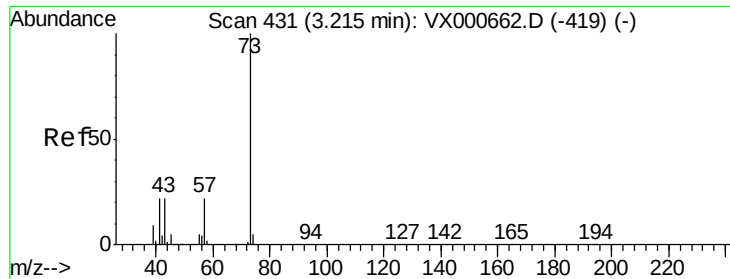
74 22.7 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

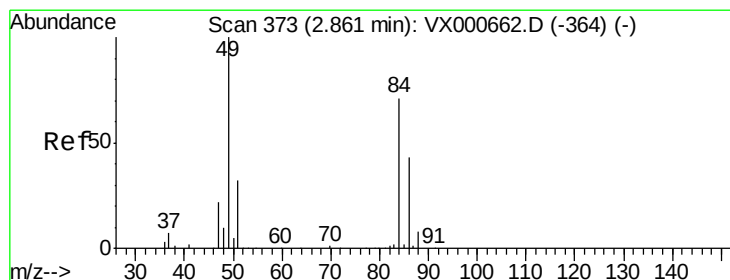
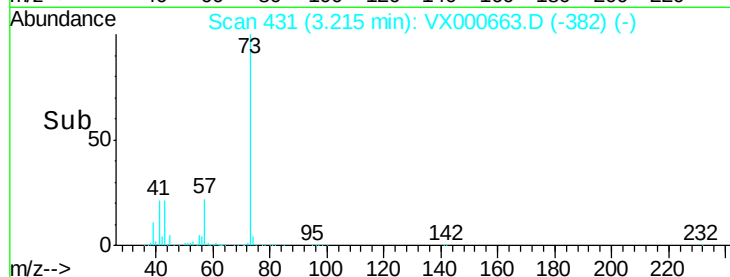
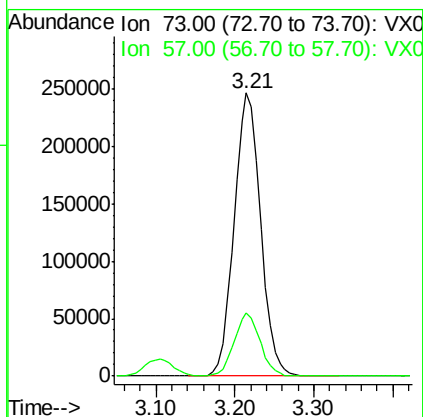
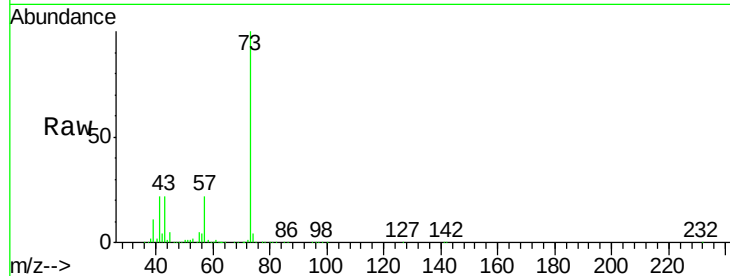




#19
Methyl tert-butyl Ether
Concen: 132.45 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

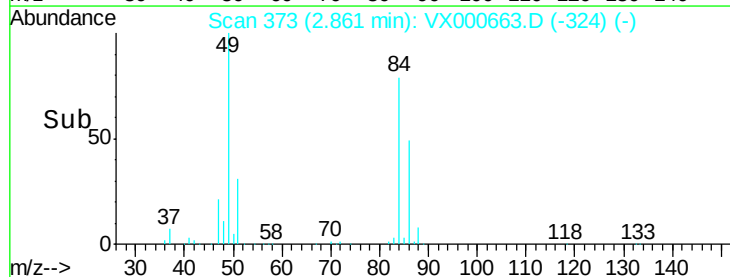
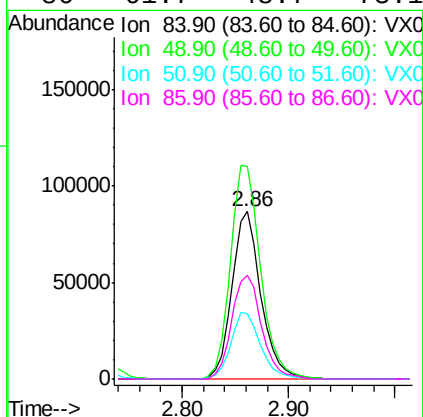
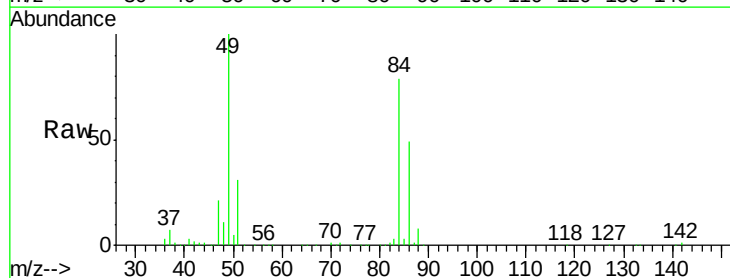
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

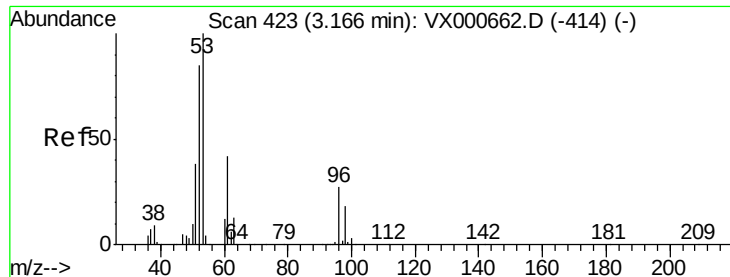
Tot Ion: 73 Resp: 574134
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.6



#20
Methylene Chloride
Concen: 123.32 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

Tgt Ion: 84 Resp: 166098
Ion Ratio Lower Upper
84 100
49 126.8 112.1 168.1
51 38.7 35.4 53.0
86 61.7 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 124.81 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

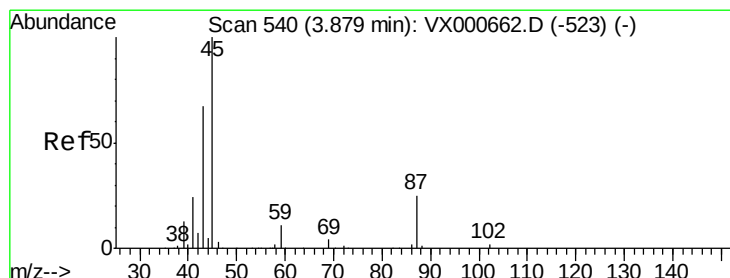
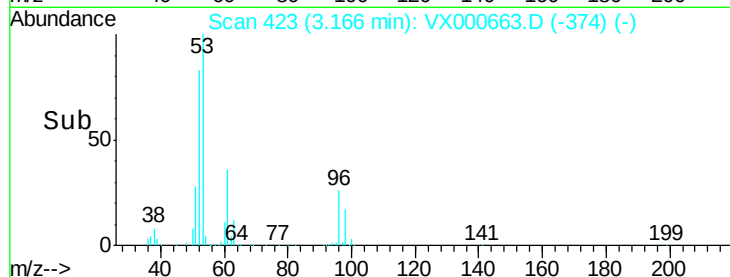
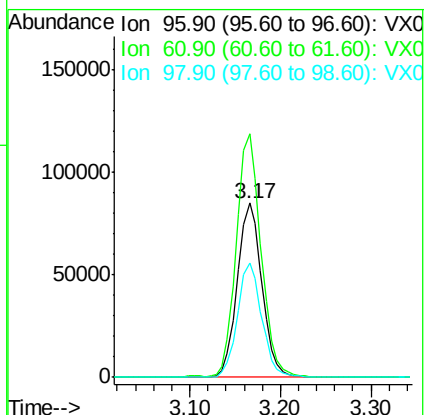
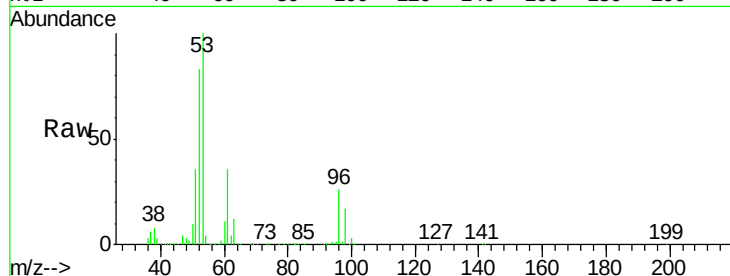
Tot Ion: 96 Resp: 161139

Ion Ratio Lower Upper

96 100

61 139.7 123.5 185.3

98 65.5 51.9 77.9



#22

Diisopropyl ether

Concen: 114.57 ug/l

RT: 3.89 min Scan# 541

Delta R.T. 0.01 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Tgt Ion: 45 Resp: 409456

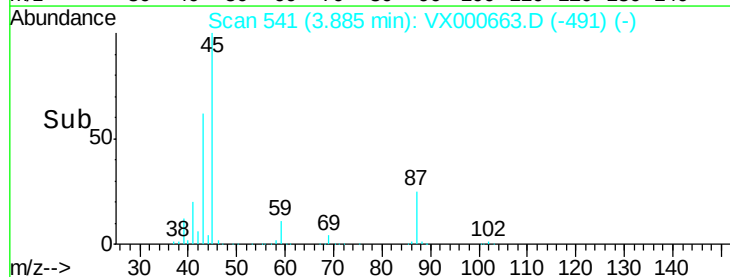
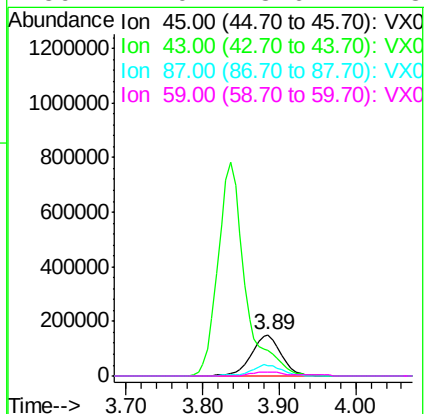
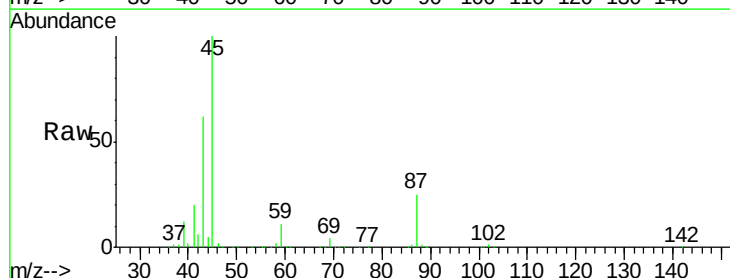
Ion Ratio Lower Upper

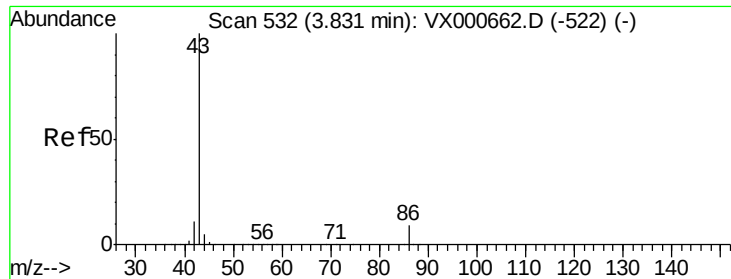
45 100

43 61.8 53.8 80.8

87 25.3 19.8 29.6

59 11.0 8.6 12.8





#23

Vinyl Acetate

Concen: 581.55 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.01 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

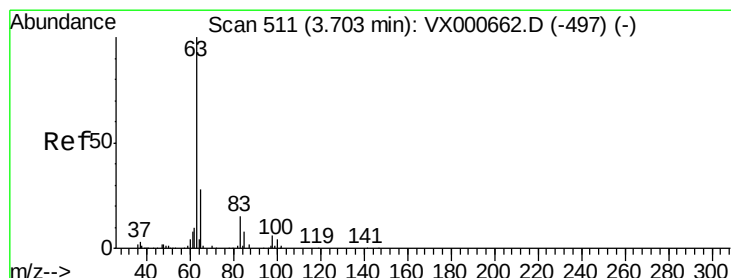
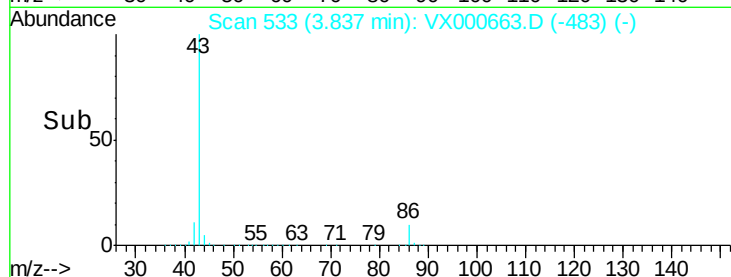
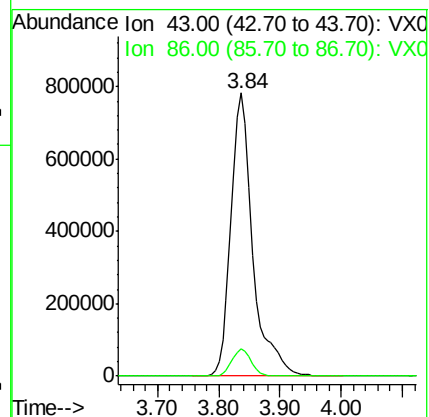
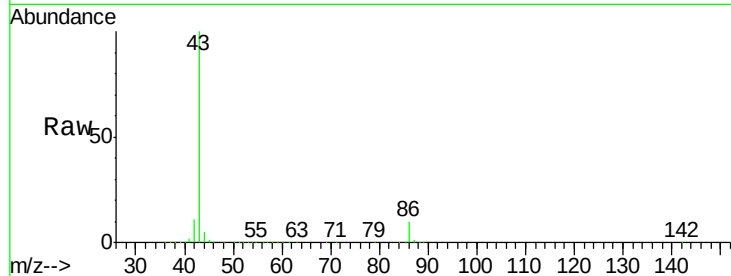
VSTDIC100

Tot Ion: 43 Resp: 1929970

Ion Ratio Lower Upper

43 100

86 9.8 7.4 11.2



#24

1,1-Dichloroethane

Concen: 104.11 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

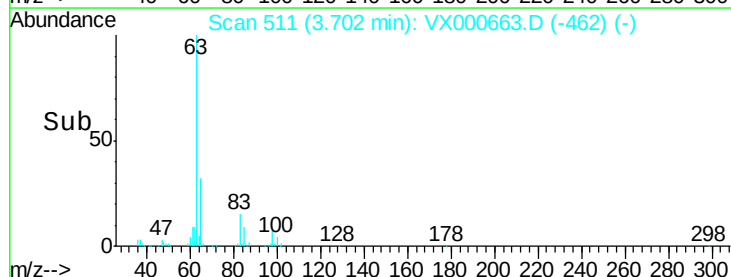
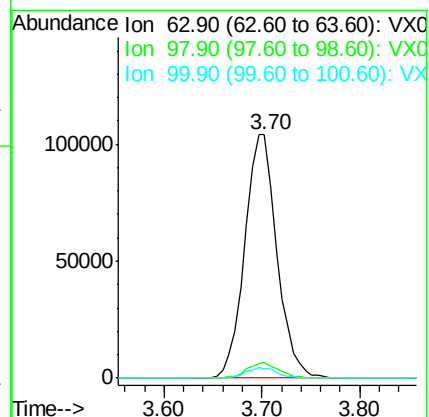
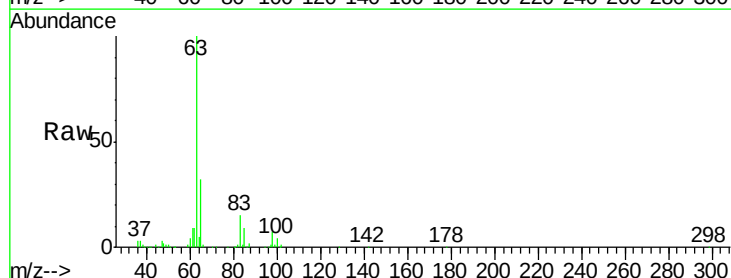
Tgt Ion: 63 Resp: 237981

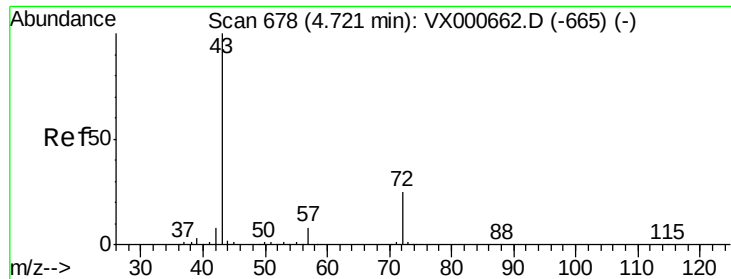
Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.0

100 3.8 2.1 6.2





#25

2-Butanone

Concen: 604.48 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

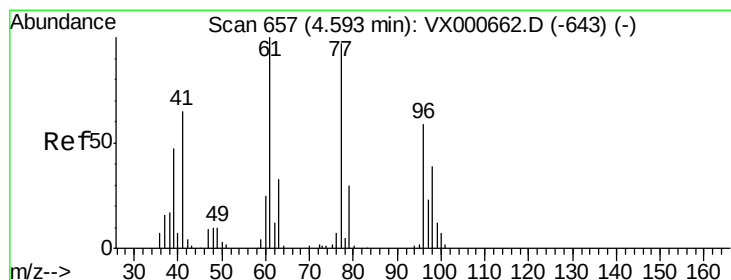
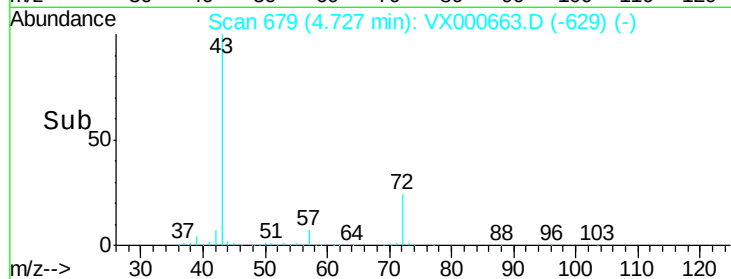
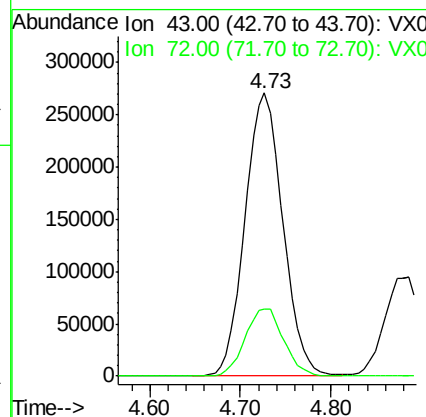
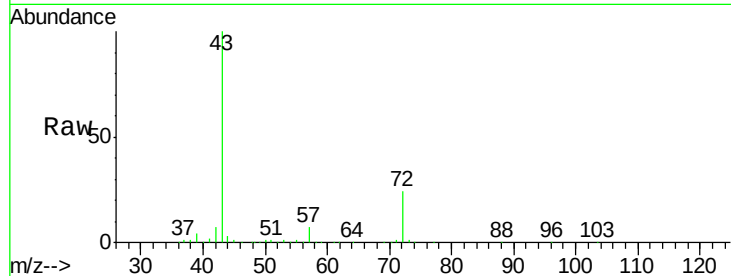
VSTDIC100

Tot Ion: 43 Resp: 782720

Ion Ratio Lower Upper

43 100

72 23.8 20.0 30.0



#26

2,2-Dichloropropane

Concen: 103.16 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000663.D

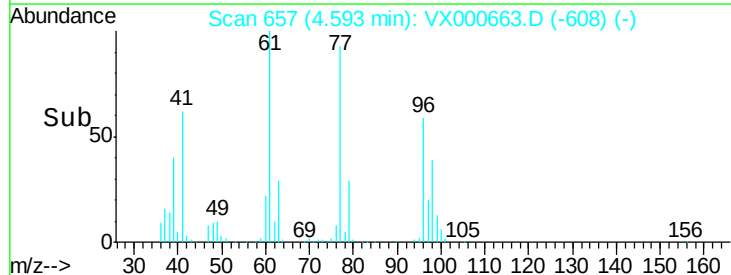
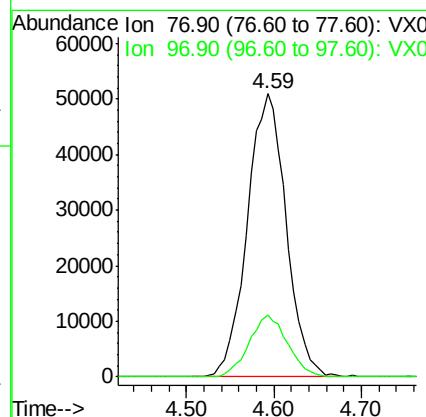
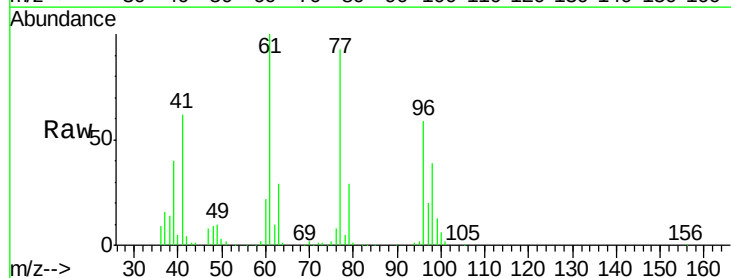
Acq: 04 Apr 2018 17:44

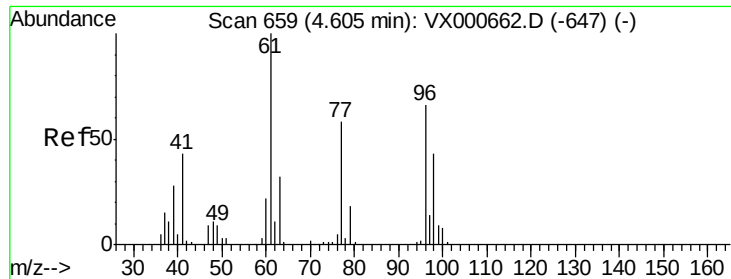
Tgt Ion: 77 Resp: 157277

Ion Ratio Lower Upper

77 100

97 21.6 11.5 34.4



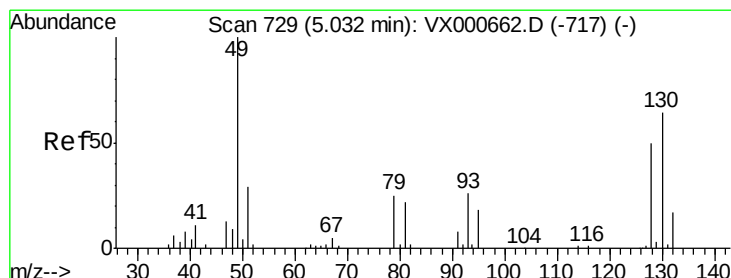
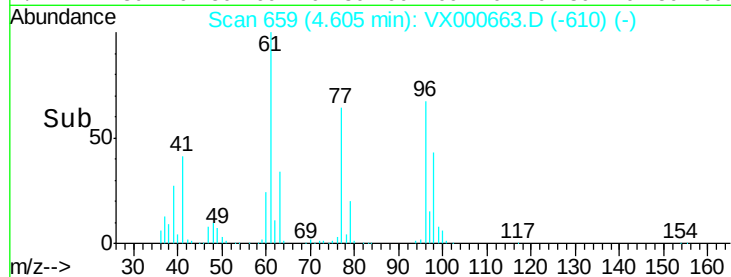
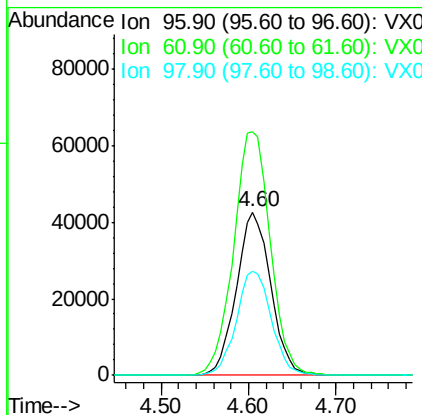
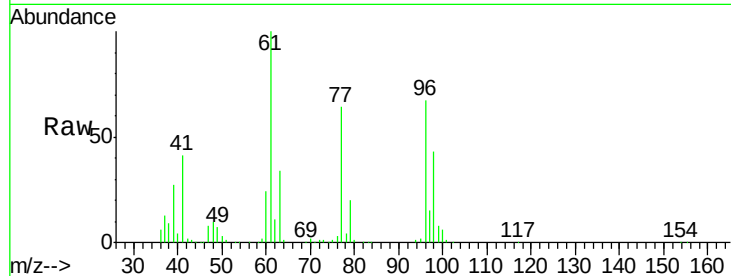


#27

cis-1,2-Dichloroethene
 Concen: 100.10 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX000663.D
 Acq: 04 Apr 2018 17:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

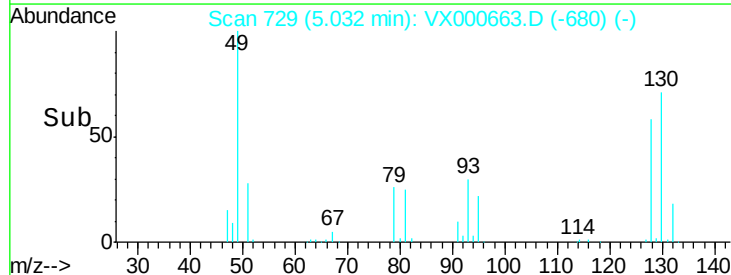
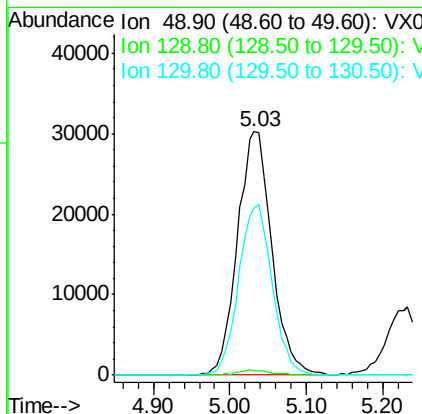
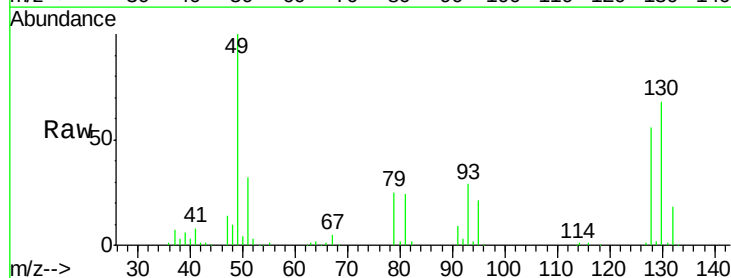
Tot Ion	96	Resp	116923
Ion	Ratio	Lower	Upper
96	100		
61	159.1	0.0	309.4
98	64.8	0.0	129.2

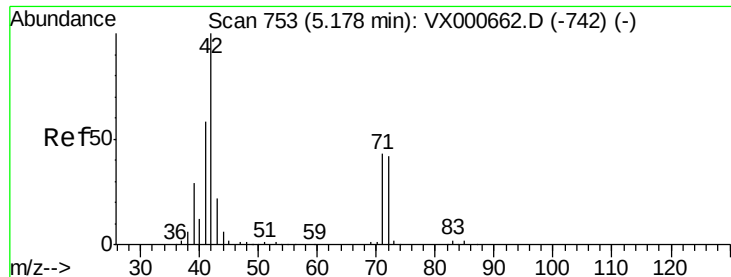


#28

Bromochloromethane
 Concen: 102.86 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. -0.00 min
 Lab File: VX000663.D
 Acq: 04 Apr 2018 17:44

Tgt Ion	49	Resp	94466
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.8
130	68.0	53.8	80.6

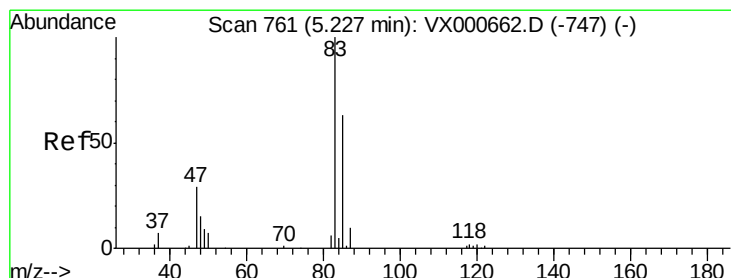
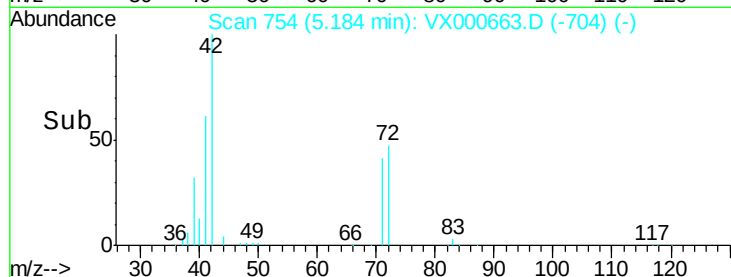
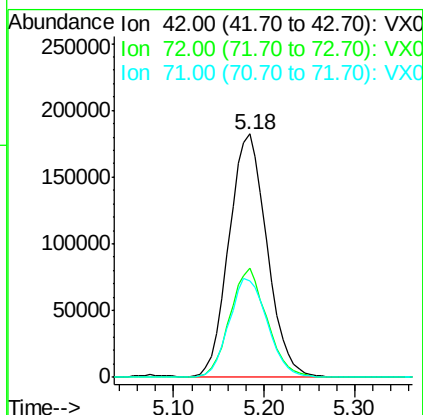
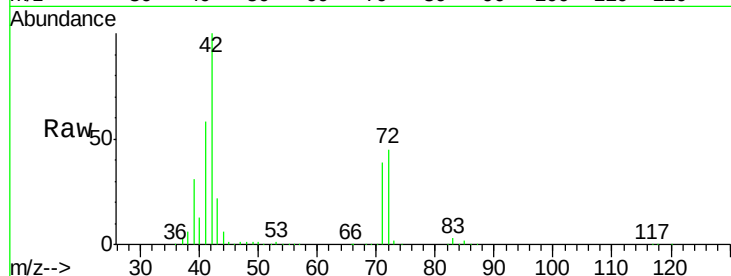




#29
Tetrahydrofuran
Concen: 660.26 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

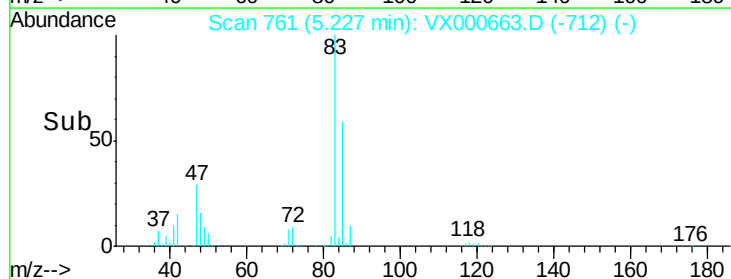
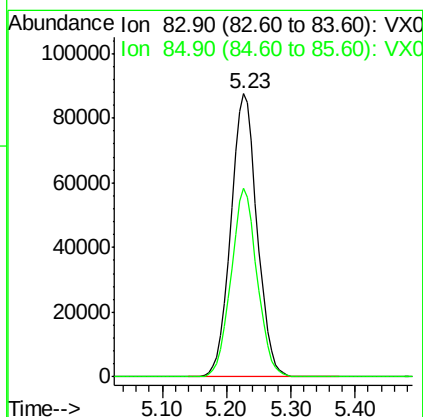
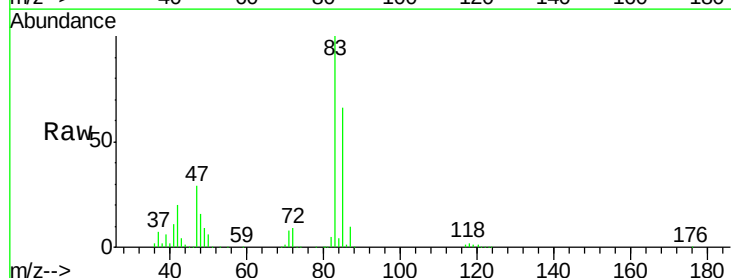
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

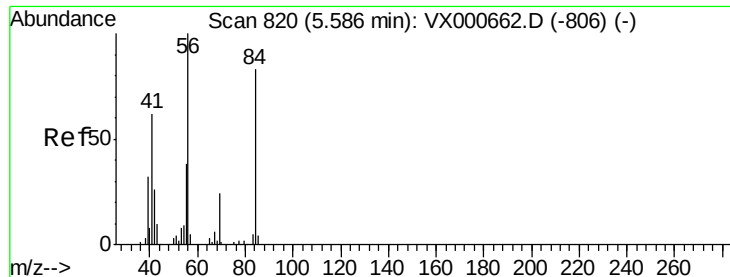
Tot Ion: 42 Resp: 527912
Ion Ratio Lower Upper
42 100
72 43.6 34.5 51.7
71 41.1 32.2 48.2



#30
Chloroform
Concen: 119.87 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

Tgt Ion: 83 Resp: 249076
Ion Ratio Lower Upper
83 100
85 66.5 50.2 75.4





#31

Cyclohexane

Concen: 105.07 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

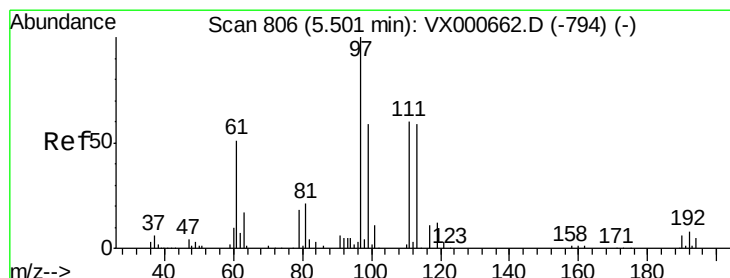
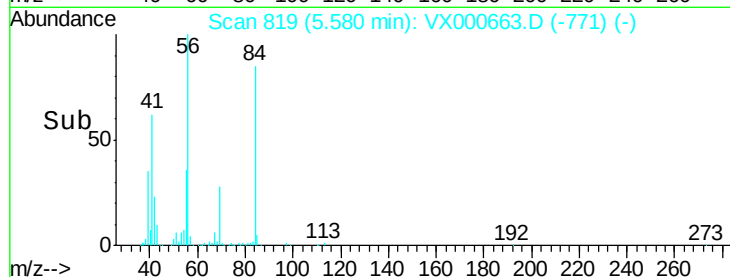
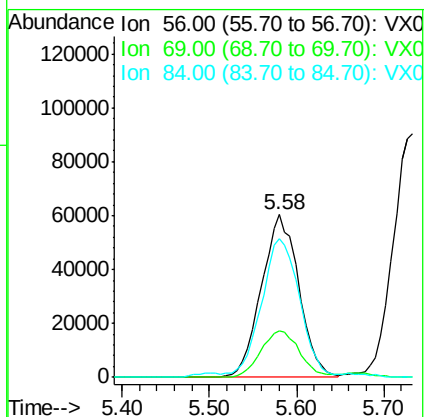
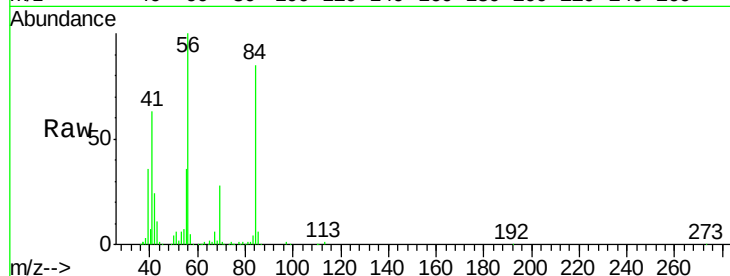
Tot Ion: 56 Resp: 178691

Ion Ratio Lower Upper

56 100

69 28.3 19.4 29.0

84 84.4 66.8 100.2



#32

1,1,1-Trichloroethane

Concen: 114.09 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

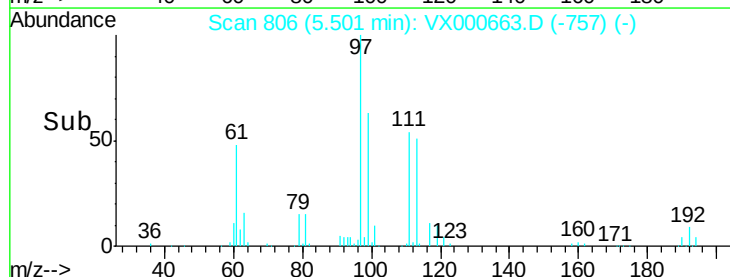
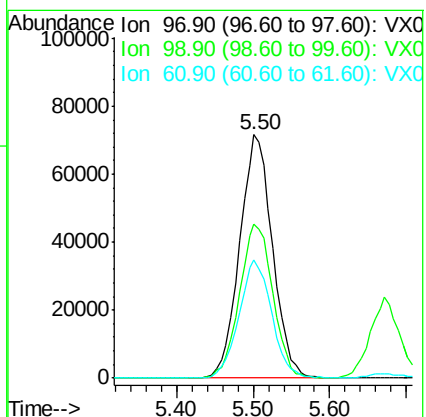
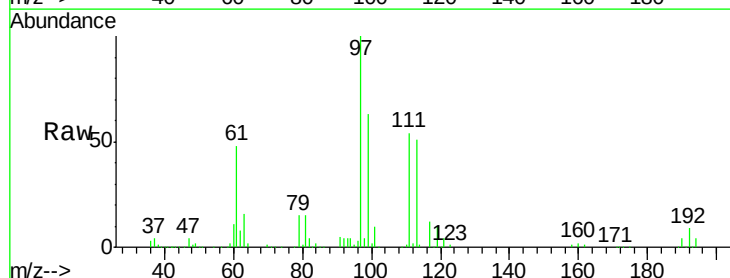
Tgt Ion: 97 Resp: 212699

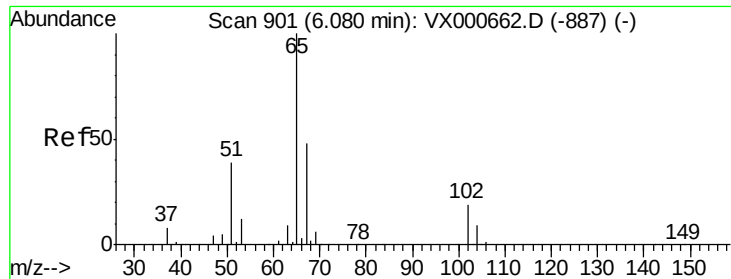
Ion Ratio Lower Upper

97 100

99 64.4 51.7 77.5

61 48.5 41.4 62.2

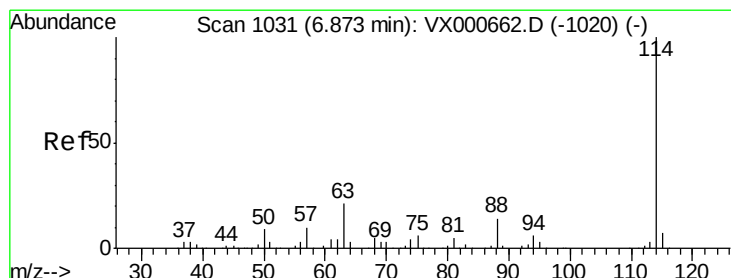
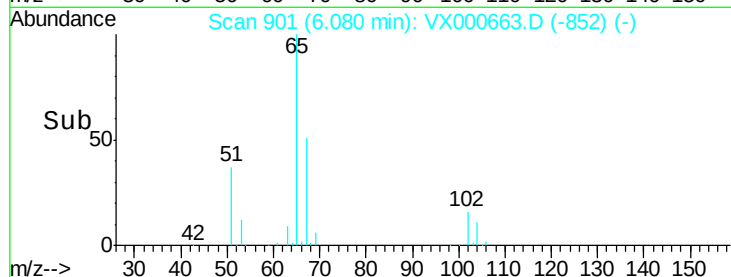
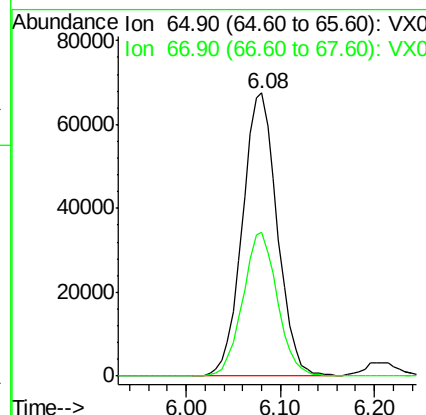
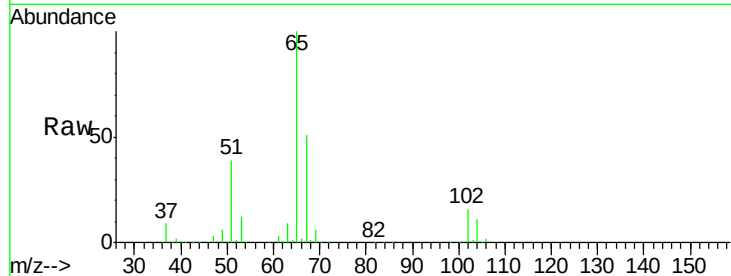




#33
 1,2-Dichloroethane-d4
 Concen: 122.15 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000663.D
 Acq: 04 Apr 2018 17:44

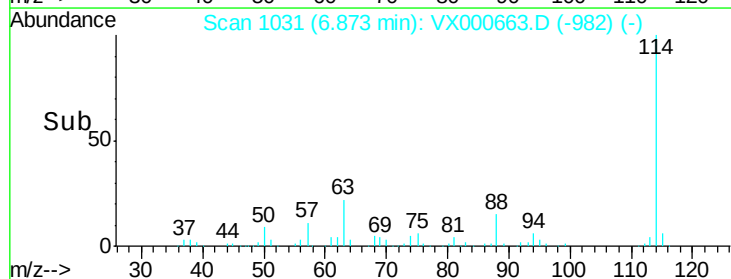
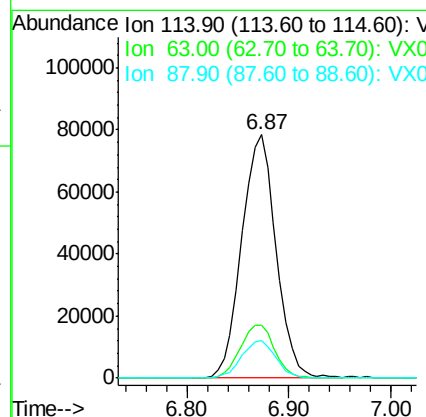
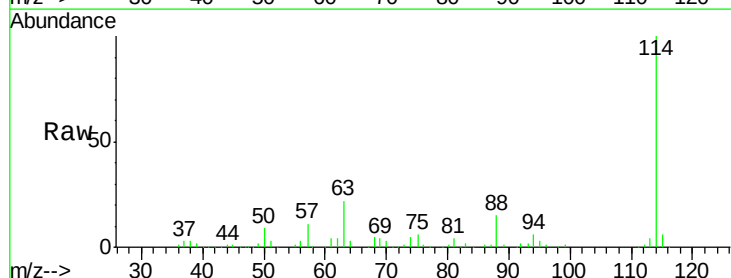
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

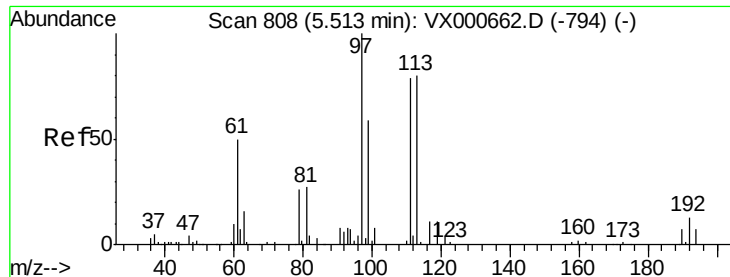
Tot Ion: 65 Resp: 174390
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000663.D
 Acq: 04 Apr 2018 17:44

Tgt Ion: 114 Resp: 183435
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 41.6
 88 15.4 0.0 28.6

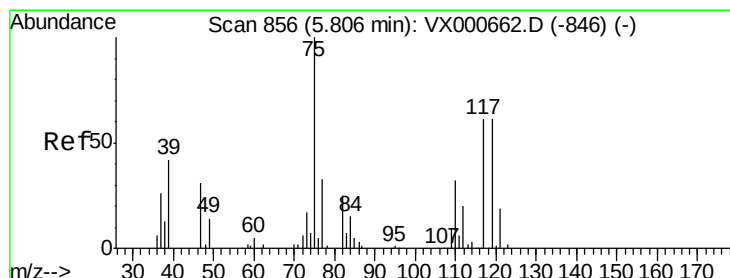
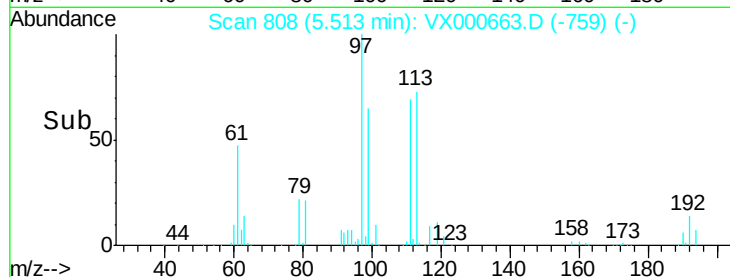
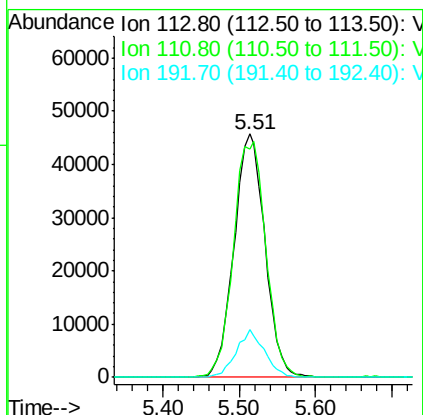
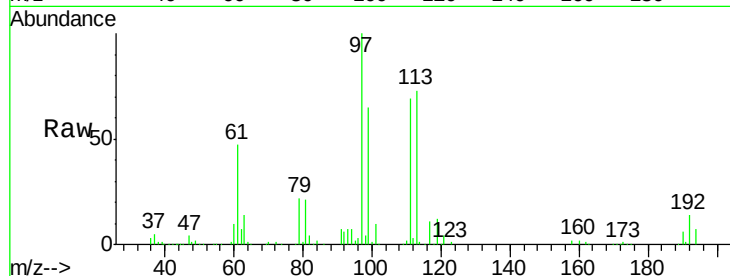




#35
 Dibromofluoromethane
 Concen: 110.09 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX000663.D
 Acq: 04 Apr 2018 17:44

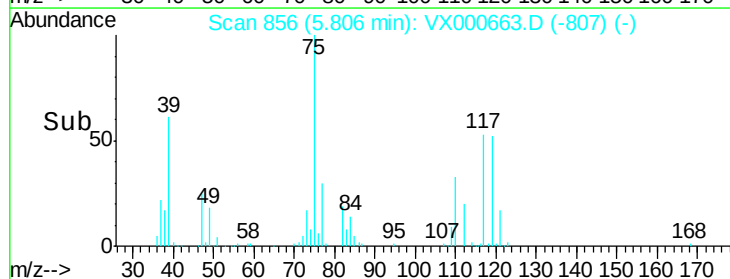
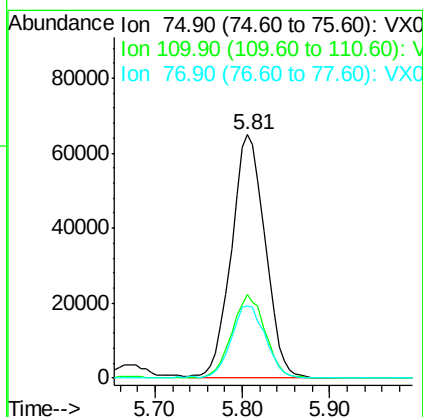
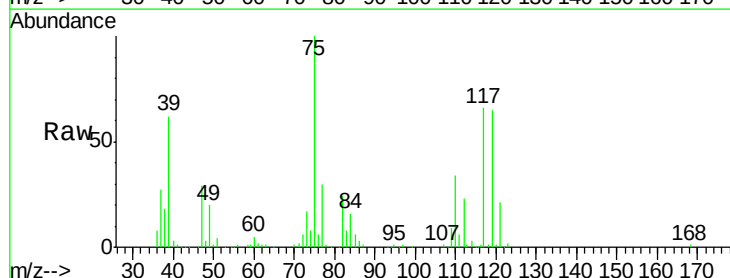
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

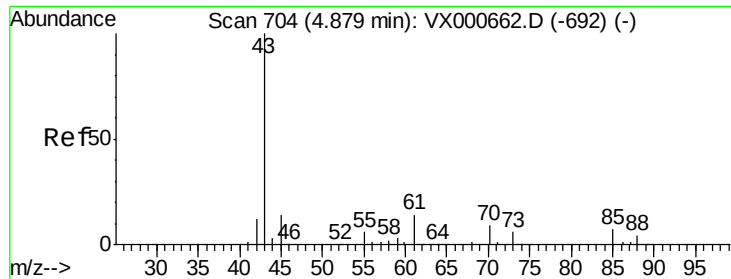
Tot Ion:113 Resp: 128080
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.0 123.0
 192 18.0 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 102.30 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX000663.D
 Acq: 04 Apr 2018 17:44

Tgt Ion: 75 Resp: 173721
 Ion Ratio Lower Upper
 75 100
 110 33.7 16.3 48.9
 77 30.3 24.3 36.5

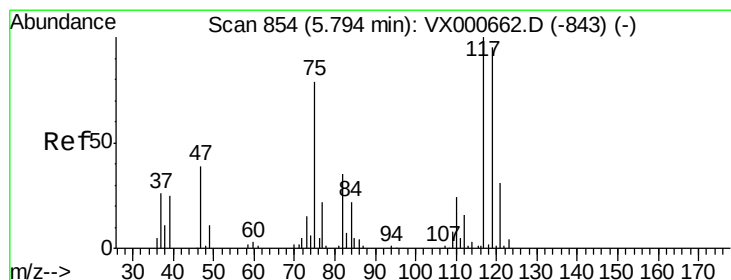
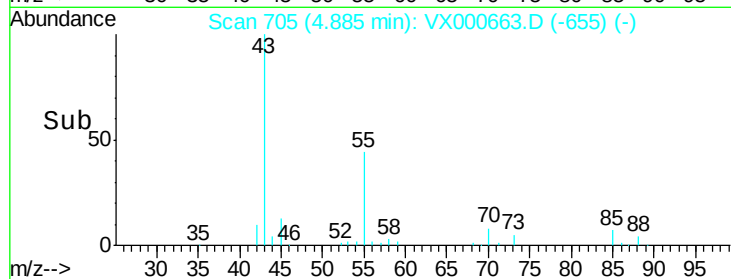
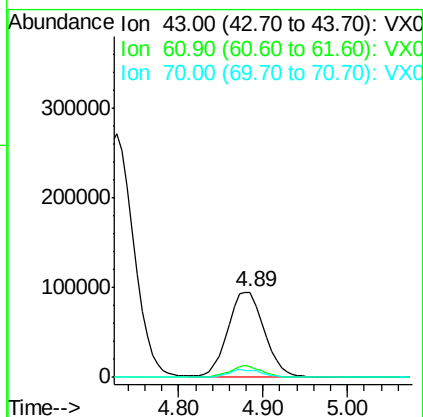
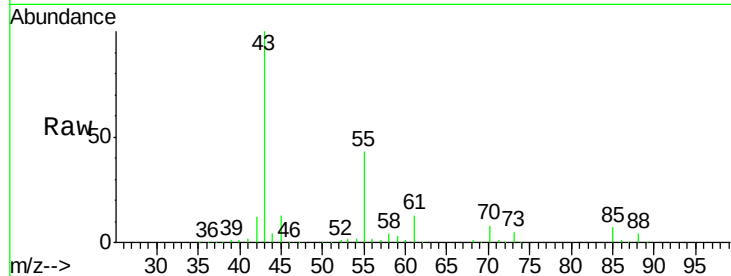




#37
Ethyl Acetate
Concen: 119.46 ug/l
RT: 4.89 min Scan# 705
Delta R.T. 0.01 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

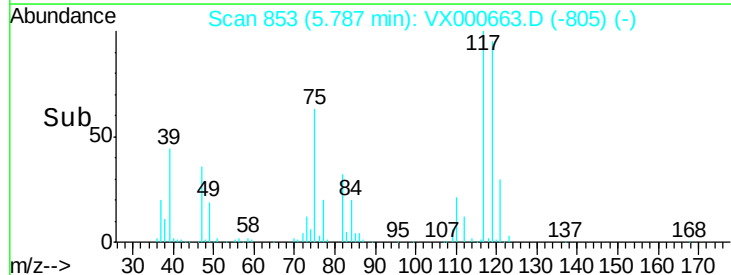
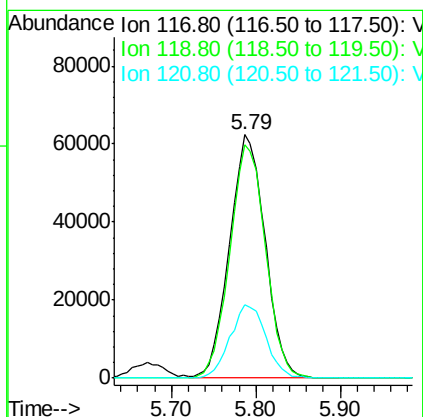
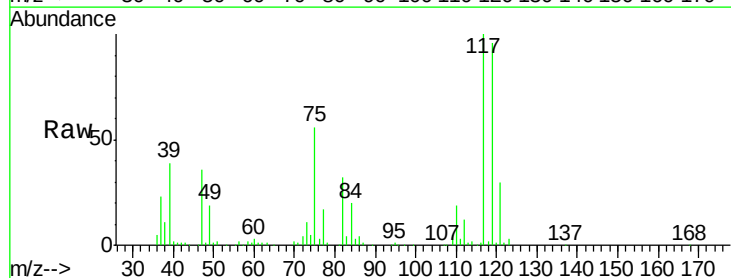
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

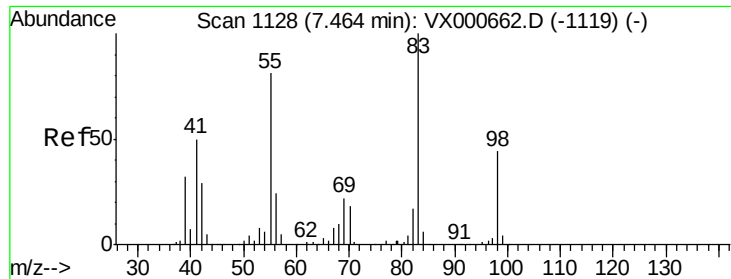
Tot Ion: 43 Resp: 279509
Ion Ratio Lower Upper
43 100
61 12.6 10.4 15.6
70 8.8 6.8 10.2



#38
Carbon Tetrachloride
Concen: 101.68 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

Tgt Ion: 117 Resp: 178648
Ion Ratio Lower Upper
117 100
119 95.7 76.1 114.1
121 30.2 24.8 37.2

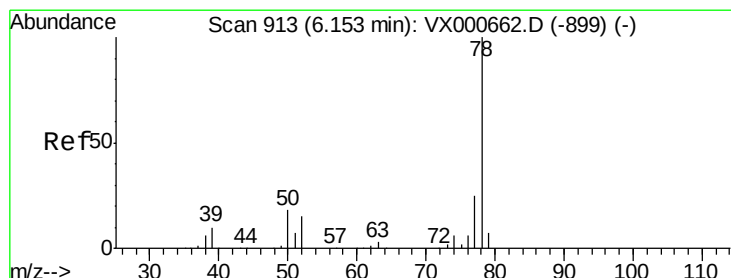
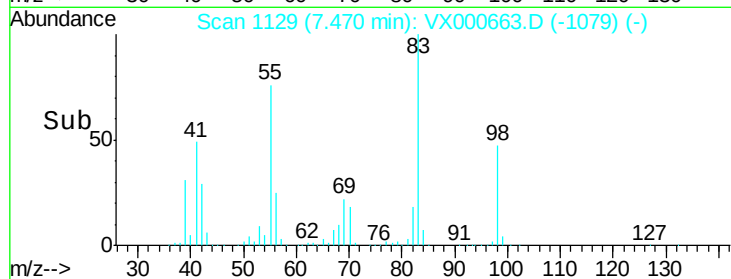
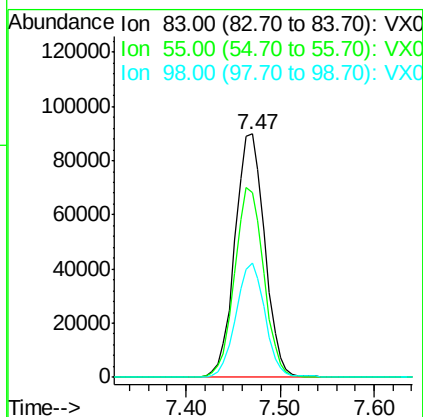
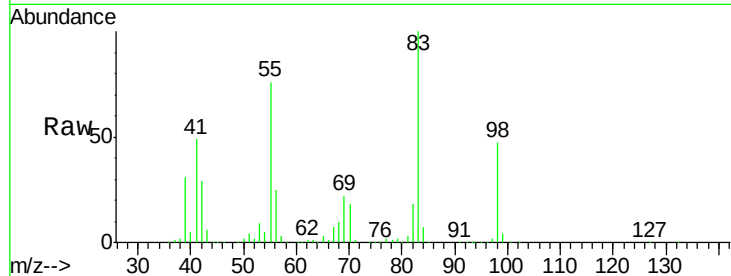




#39
Methylvlcyclohexane
Concen: 97.40 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

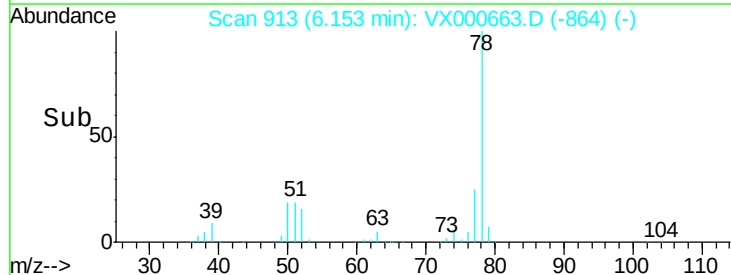
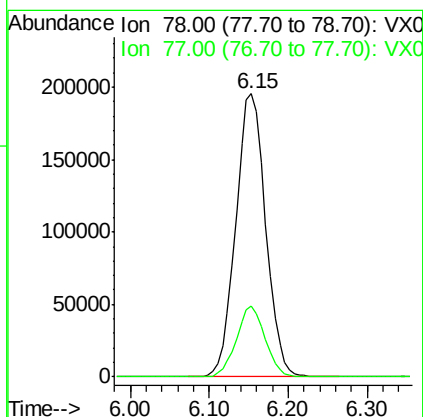
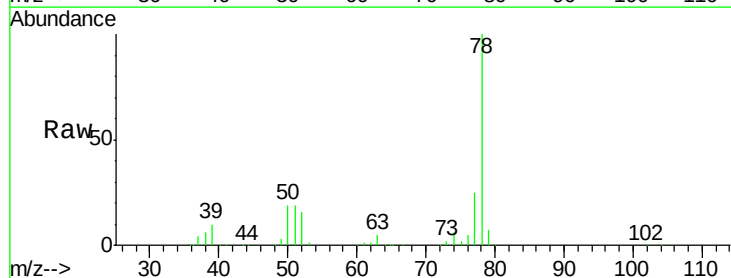
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

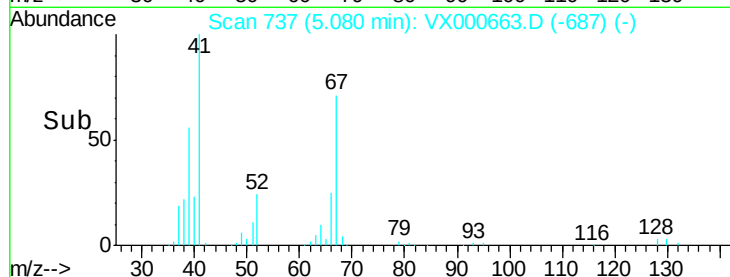
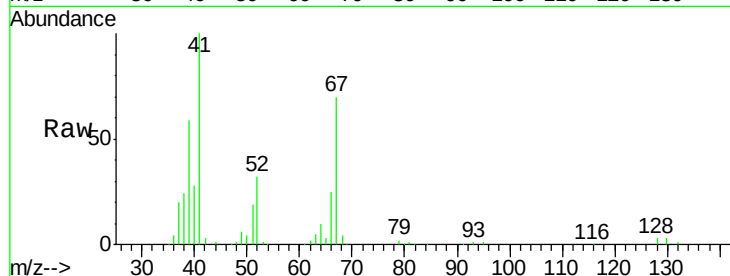
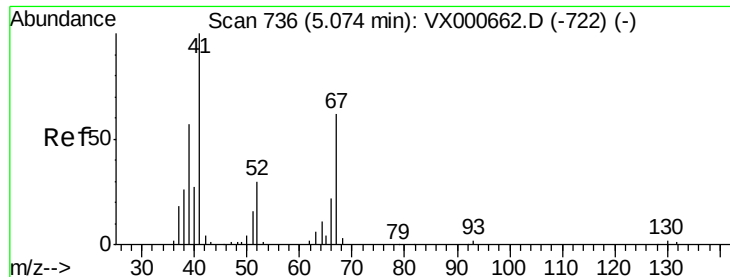
Tot Ion: 83 Resp: 198292
Ion Ratio Lower Upper
83 100
55 75.7 64.5 96.7
98 47.2 35.0 52.6



#40
Benzene
Concen: 105.26 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

Tgt Ion: 78 Resp: 516399
Ion Ratio Lower Upper
78 100
77 25.1 20.2 30.2

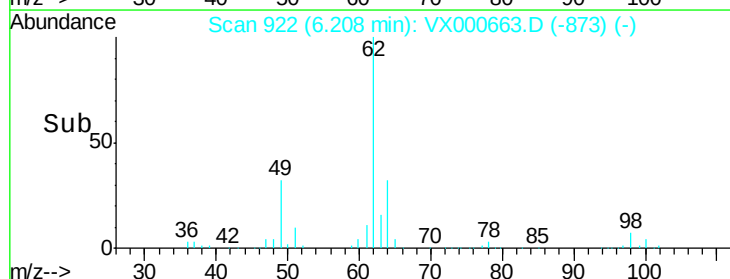
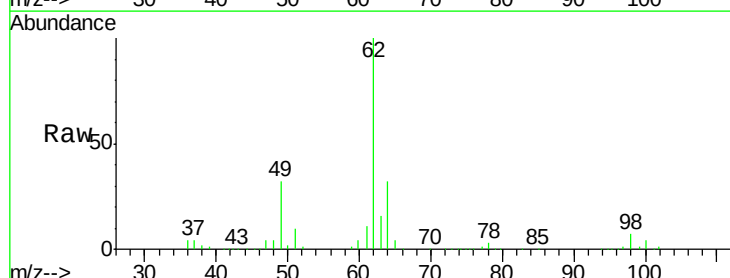
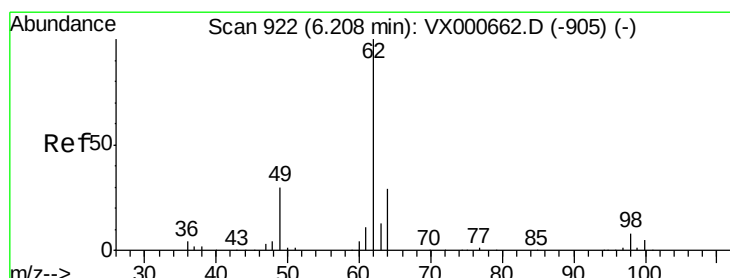
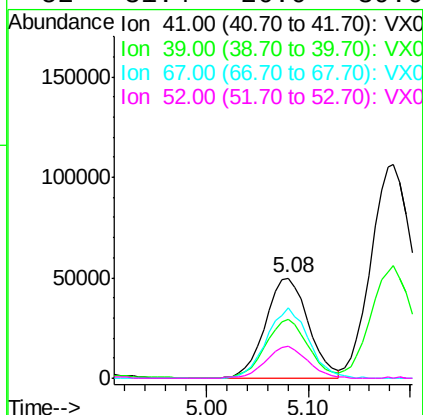




#41
Methacrylonitrile
Concen: 116.20 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

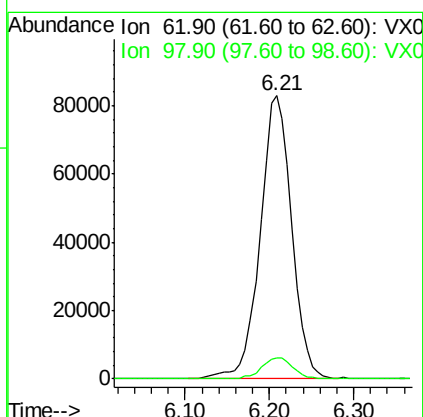
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

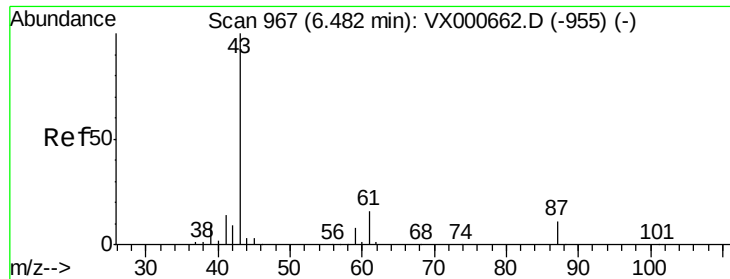
Tot Ion:	41	Resp:	145310
Ion	Ratio	Lower	Upper
41	100		
39	57.8	46.2	69.4
67	68.7	52.4	78.6
52	31.4	26.0	39.0



#42
1,2-Dichloroethane
Concen: 109.34 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

Tgt Ion:	62	Resp:	213572
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	16.2





#43

Isopropyl Acetate

Concen: 121.38 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

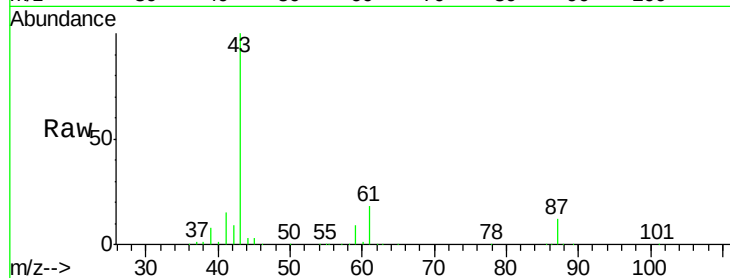
Tot Ion: 43 Resp: 425627

Ion Ratio Lower Upper

43 100

61 17.1 13.4 20.2

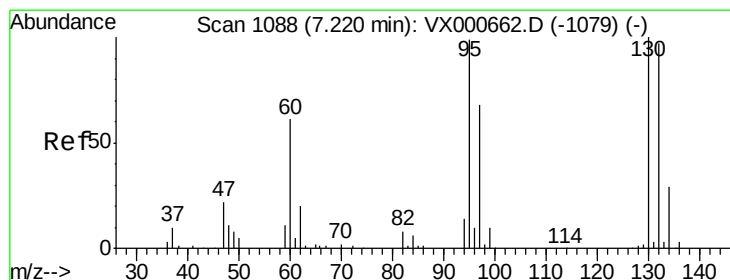
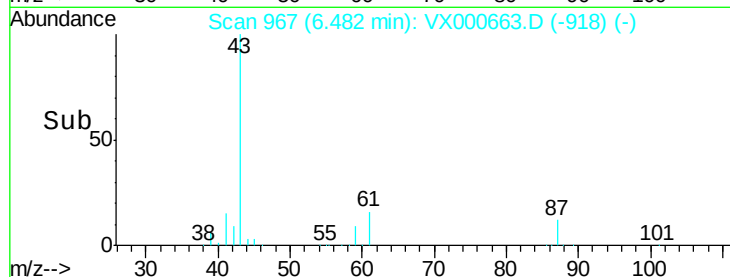
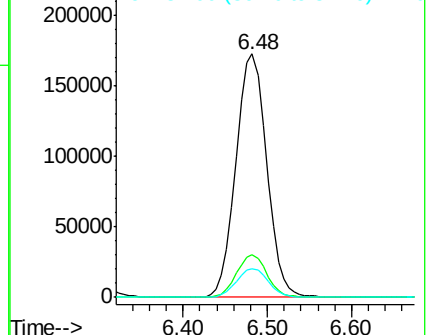
87 12.2 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 95.25 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX000663.D

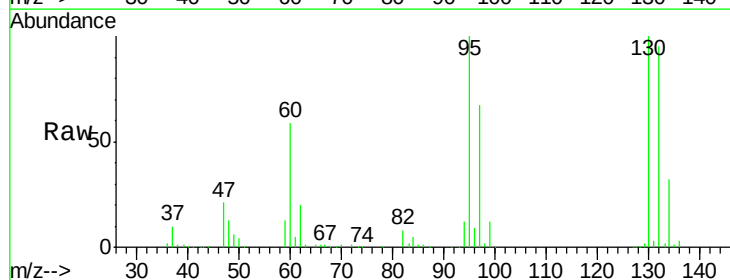
Acq: 04 Apr 2018 17:44

Tgt Ion:130 Resp: 133636

Ion Ratio Lower Upper

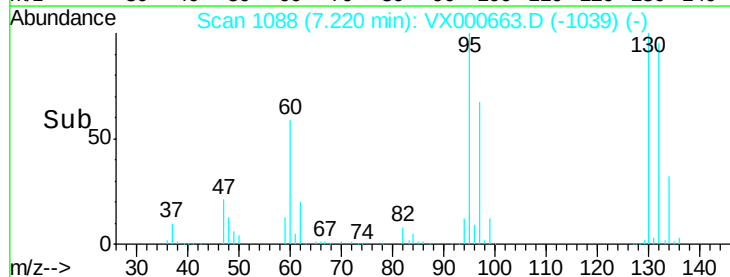
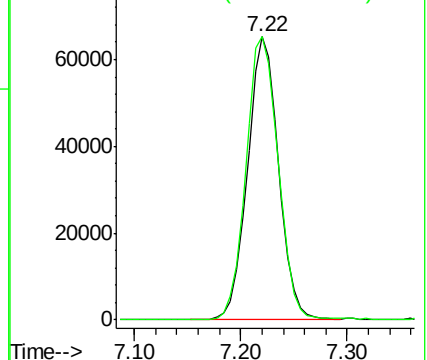
130 100

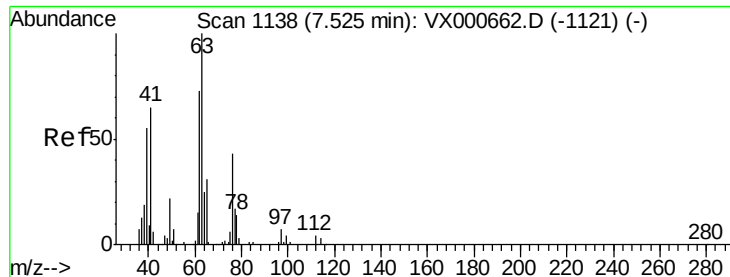
95 99.9 0.0 198.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 108.47 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

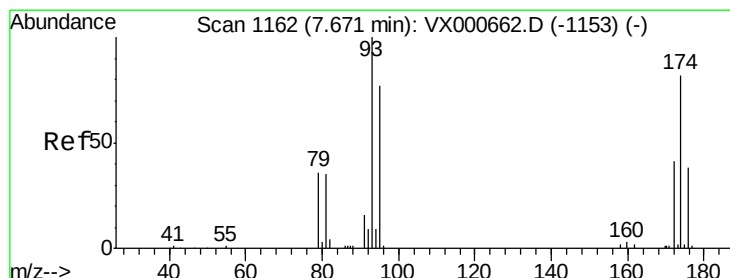
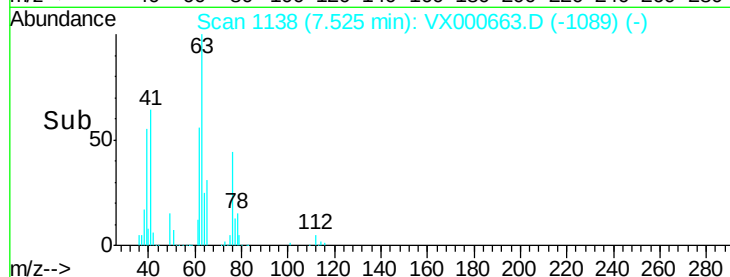
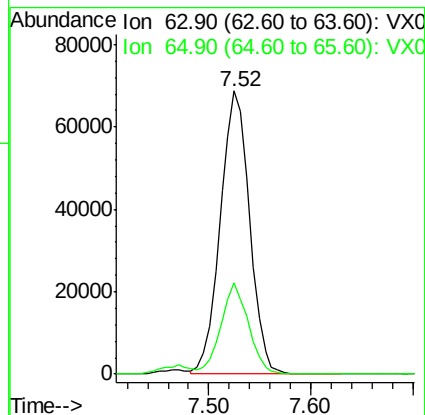
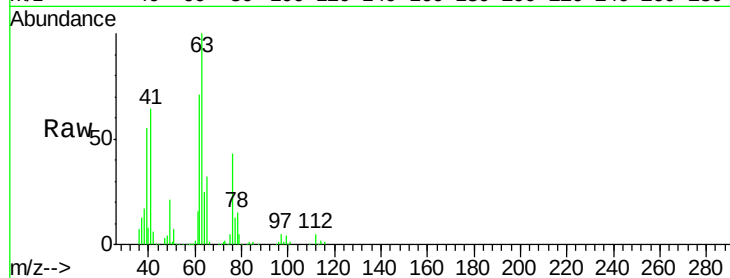
VSTDIC100

Tot Ion: 63 Resp: 137137

Ion Ratio Lower Upper

63 100

65 32.5 24.8 37.2



#46

Dibromomethane

Concen: 102.75 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

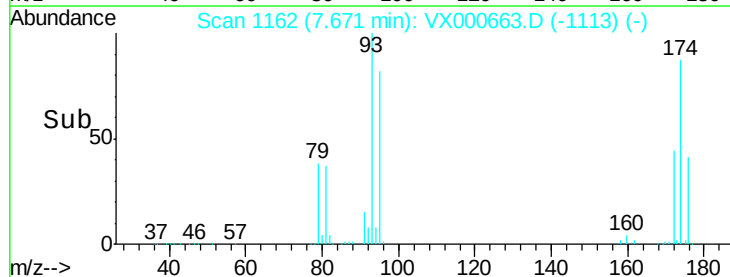
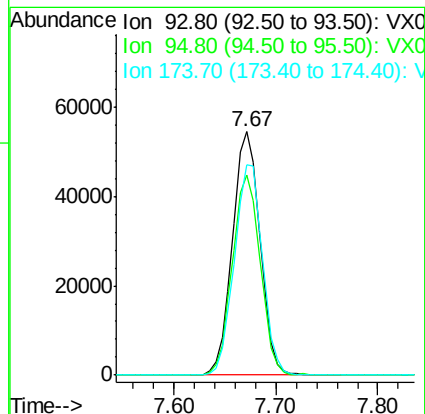
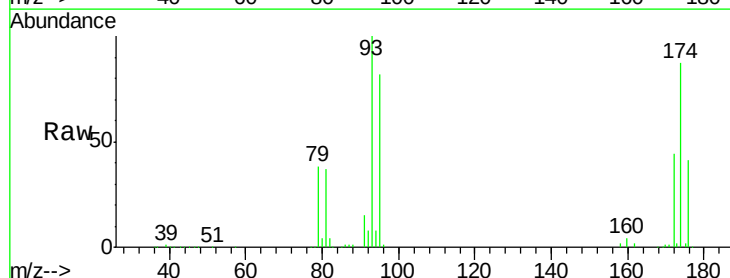
Tgt Ion: 93 Resp: 101679

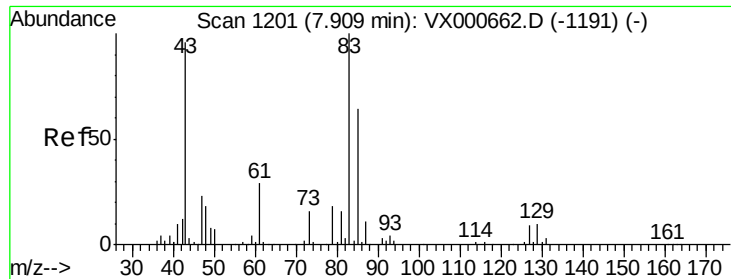
Ion Ratio Lower Upper

93 100

95 82.9 65.3 97.9

174 88.1 70.2 105.4





#47

Bromodichloromethane

Concen: 119.38 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

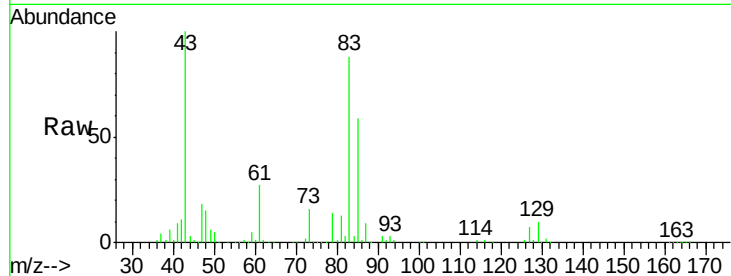
Tot Ion: 83 Resp: 208655

Ion Ratio Lower Upper

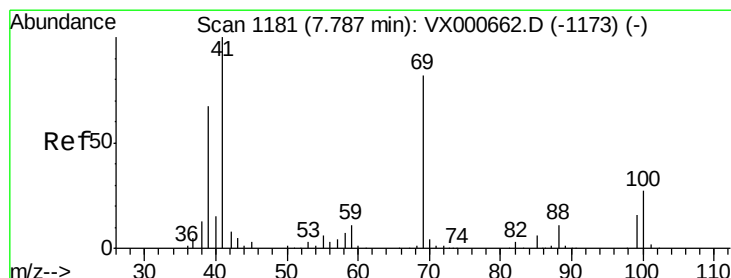
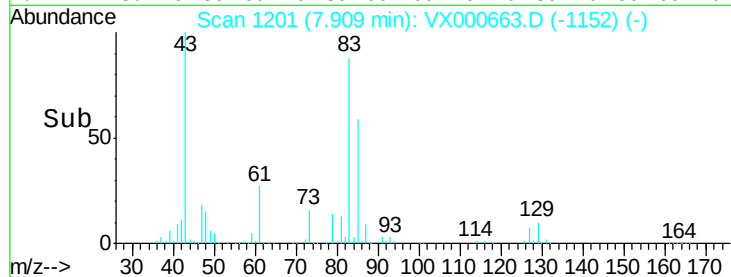
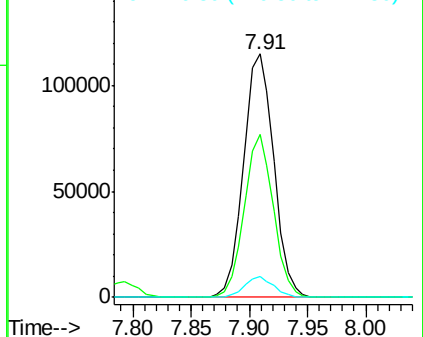
83 100

85 66.7 51.4 77.0

127 8.5 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: 123.10 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

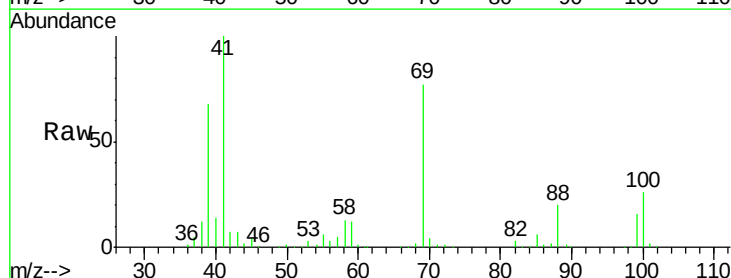
Tgt Ion: 41 Resp: 209714

Ion Ratio Lower Upper

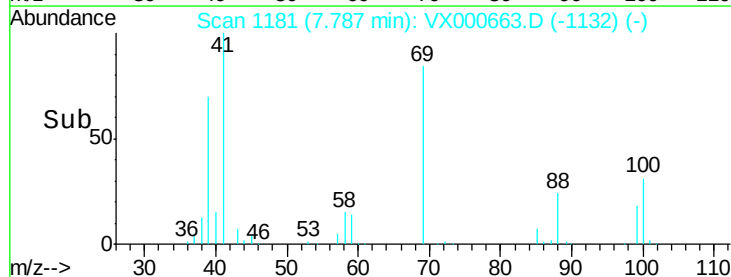
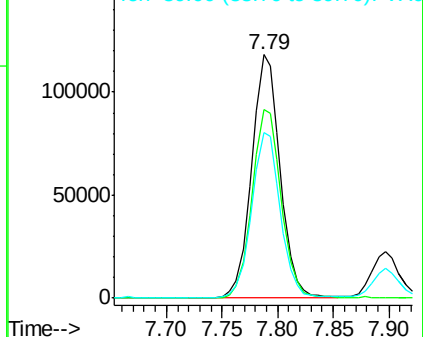
41 100

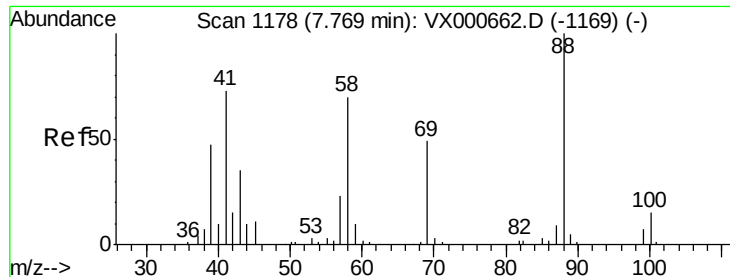
69 79.8 64.3 96.5

39 68.9 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

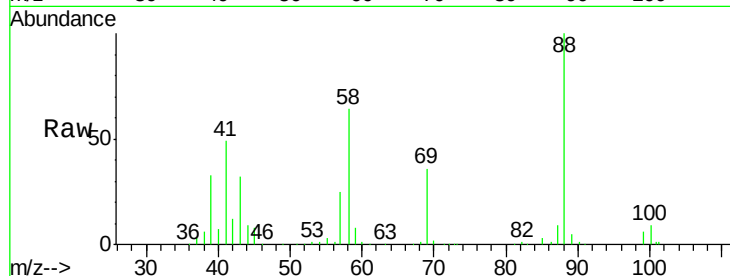




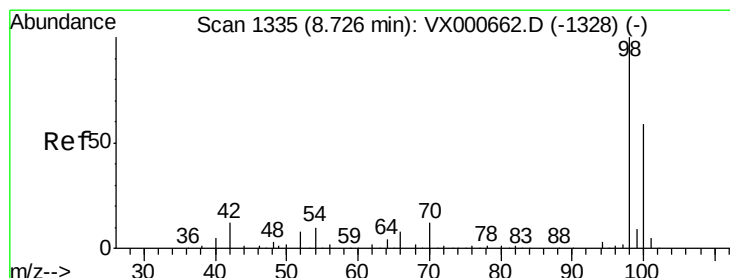
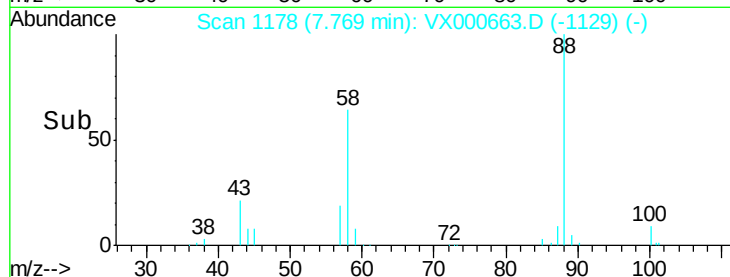
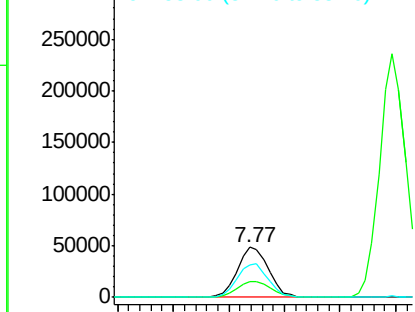
#49
1,4-Dioxane
Concen: 2584.31 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 88 Resp: 93328
Ion Ratio Lower Upper
88 100
43 36.0 29.4 44.0
58 67.6 53.4 80.0

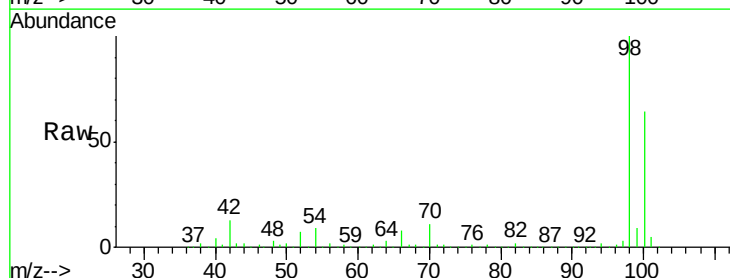


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

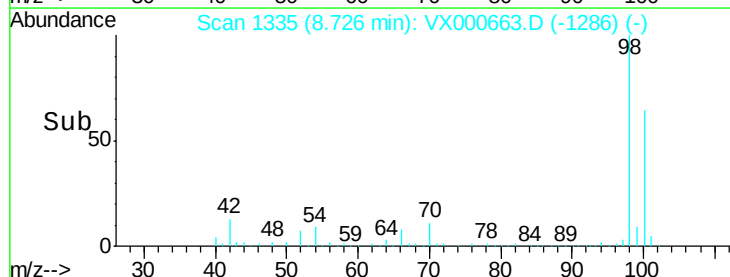
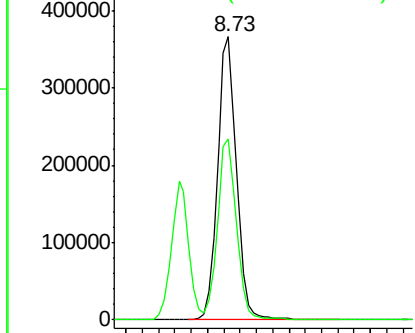


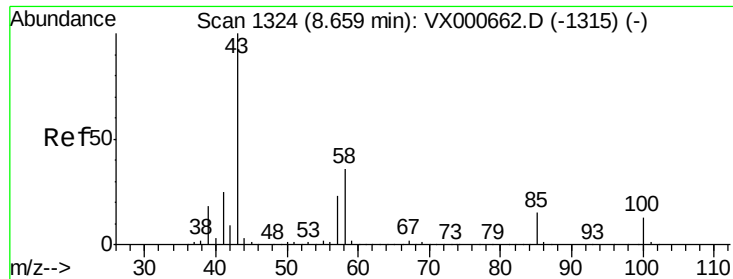
#50
Toluene-d8
Concen: 121.44 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

Tgt Ion: 98 Resp: 593901
Ion Ratio Lower Upper
98 100
100 64.3 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 672.22 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

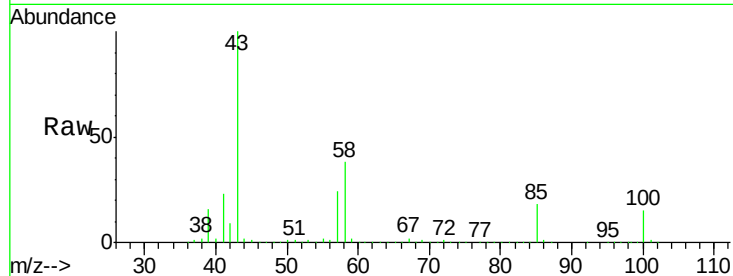
VSTDIC100

Tot Ion: 43 Resp: 1849602

Ion Ratio Lower Upper

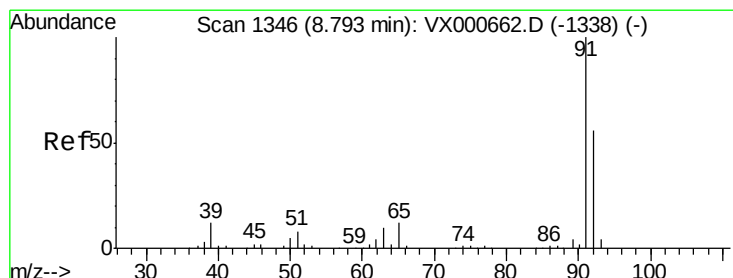
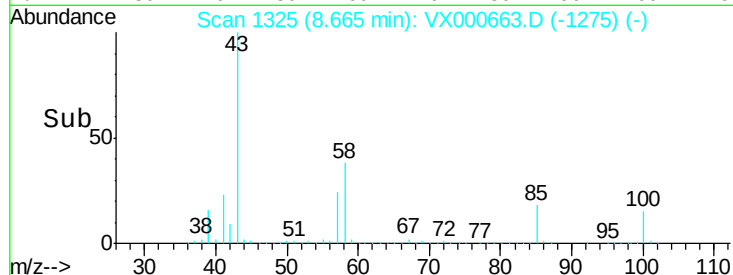
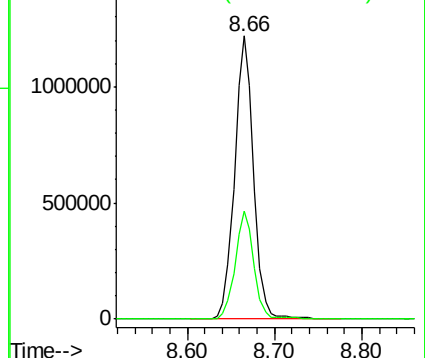
43 100

58 37.6 28.2 42.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 116.43 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000663.D

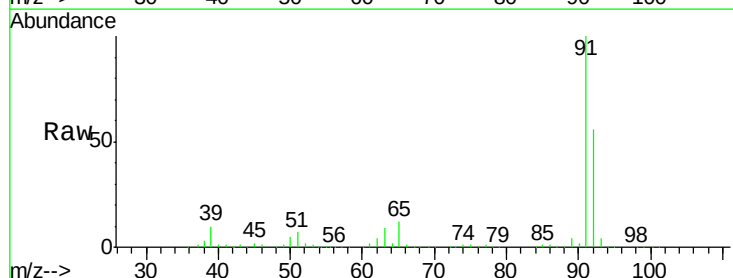
Acq: 04 Apr 2018 17:44

Tgt Ion: 92 Resp: 401563

Ion Ratio Lower Upper

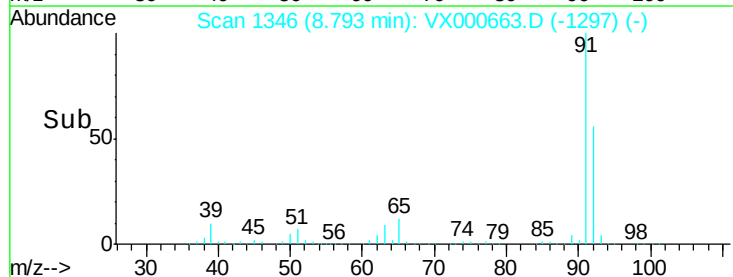
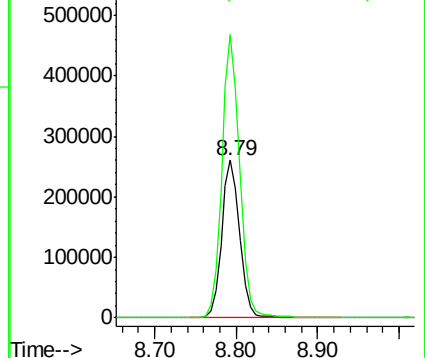
92 100

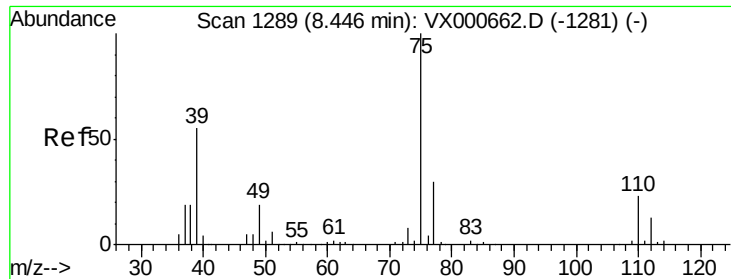
91 177.0 141.7 212.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 115.12 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

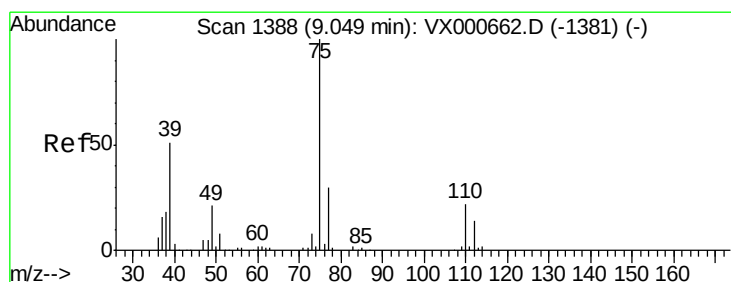
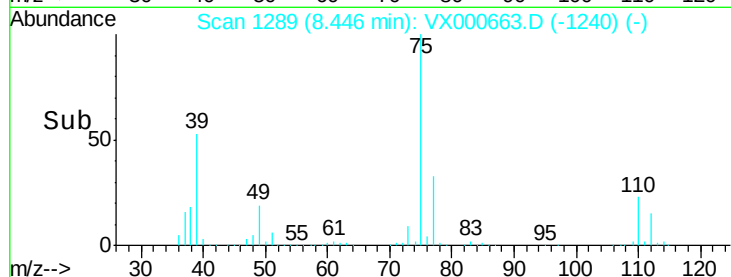
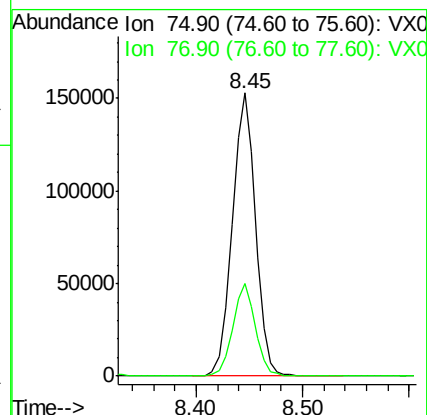
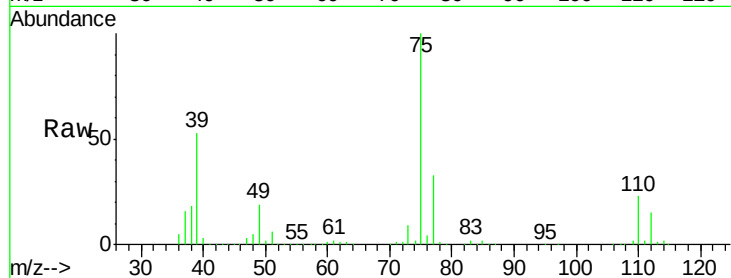
VSTDIC100

Tot Ion: 75 Resp: 232674

Ion Ratio Lower Upper

75 100

77 32.7 23.8 35.6



#54

cis-1,3-Dichloropropene

Concen: 125.32 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

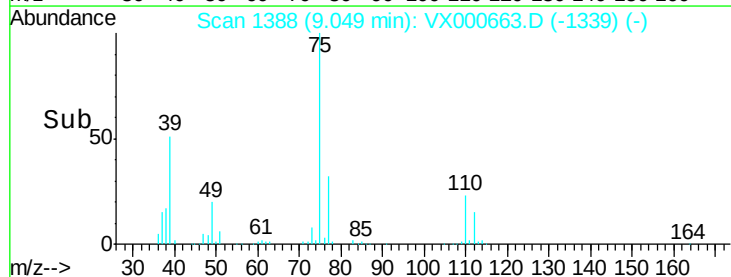
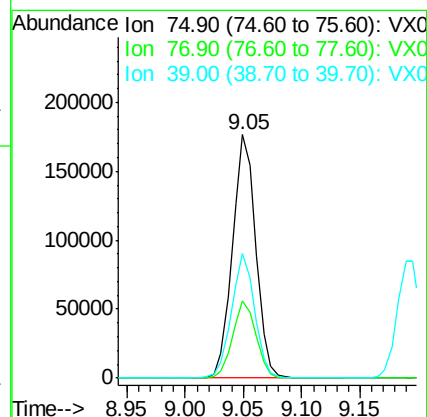
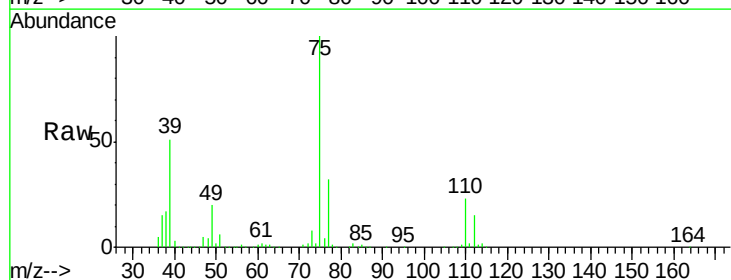
Tgt Ion: 75 Resp: 246183

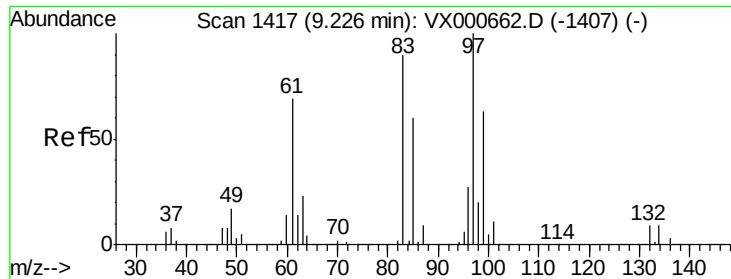
Ion Ratio Lower Upper

75 100

77 31.9 24.1 36.1

39 51.0 40.7 61.1

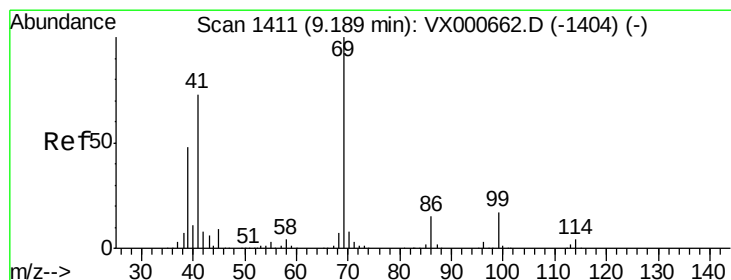
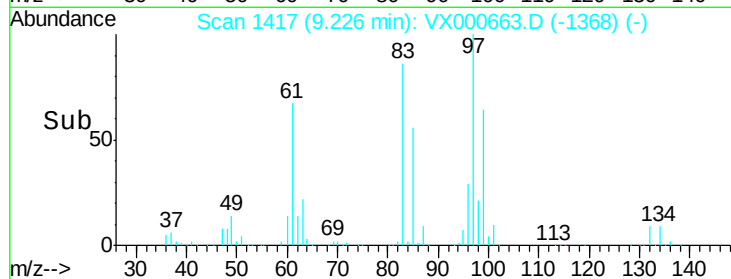
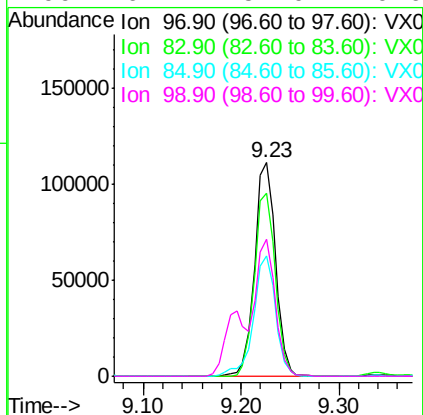
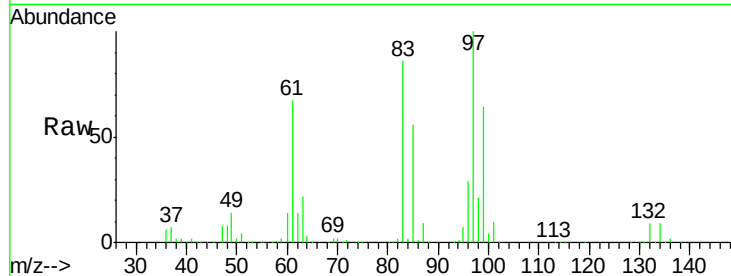




#55
 1,1,2-Trichloroethane
 Concen: 115.79 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000663.D
 Acq: 04 Apr 2018 17:44

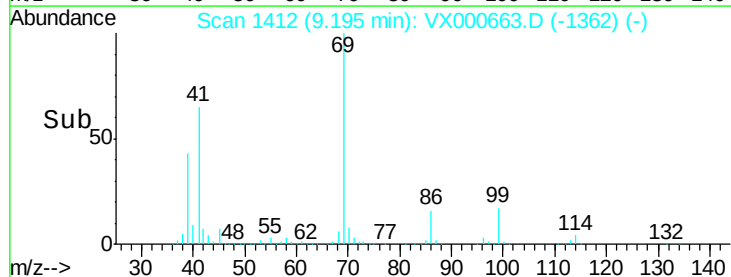
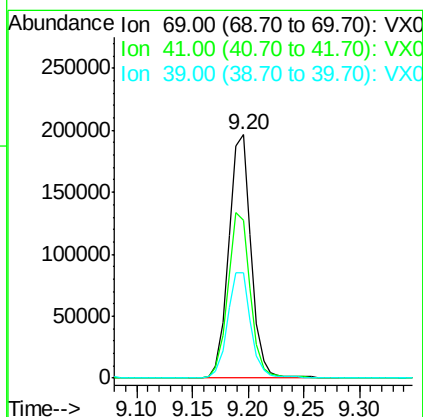
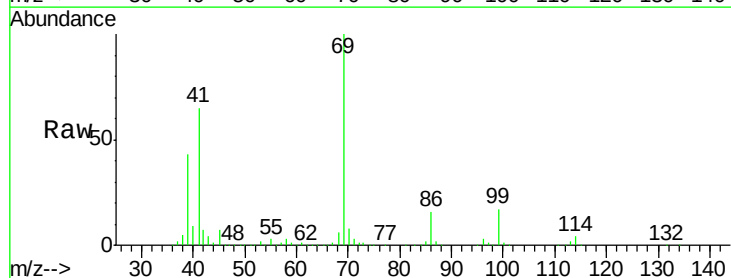
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

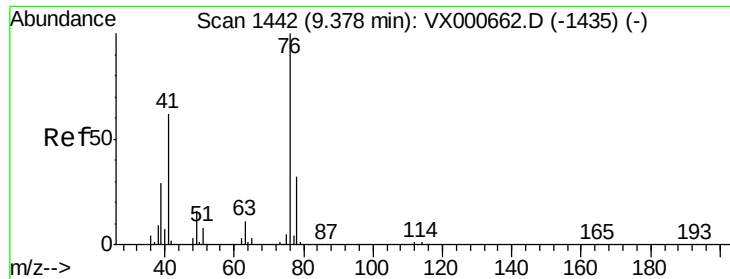
Tot Ion:	97	Resp:	164961
Ion	Ratio	Lower	Upper
97	100		
83	85.9	72.1	108.1
85	56.2	48.3	72.5
99	64.1	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 125.75 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: VX000663.D
 Acq: 04 Apr 2018 17:44

Tgt Ion:	69	Resp:	272471
Ion	Ratio	Lower	Upper
69	100		
41	68.4	56.5	84.7
39	44.4	39.8	59.8





#57

1,3-Dichloropropane

Concen: 113.06 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

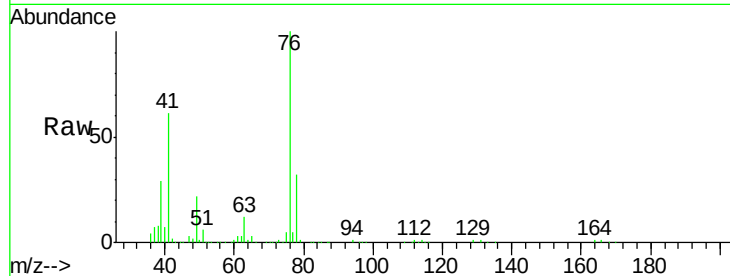
VSTDIC100

Tot Ion: 76 Resp: 258956

Ion Ratio Lower Upper

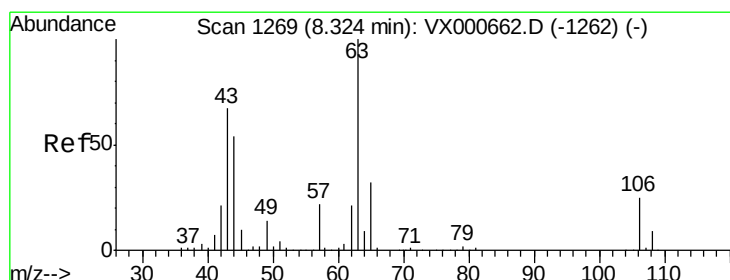
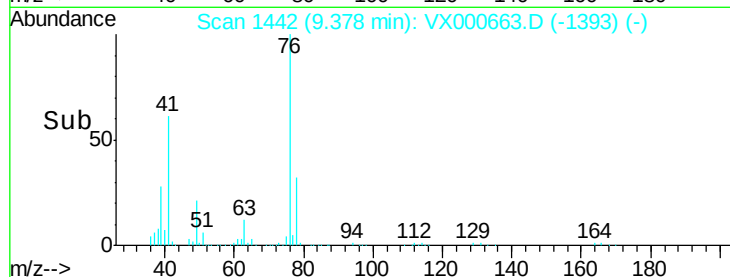
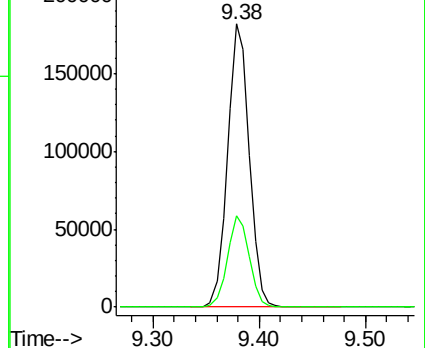
76 100

78 32.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 584.36 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000663.D

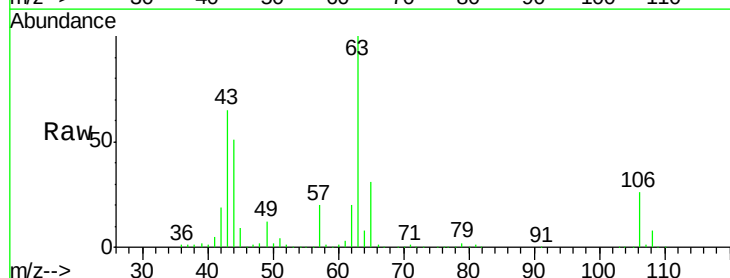
Acq: 04 Apr 2018 17:44

Tgt Ion: 63 Resp: 590821

Ion Ratio Lower Upper

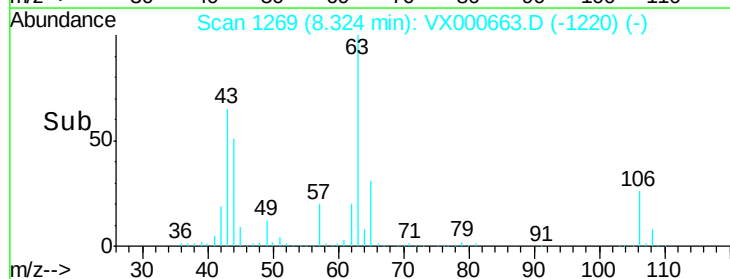
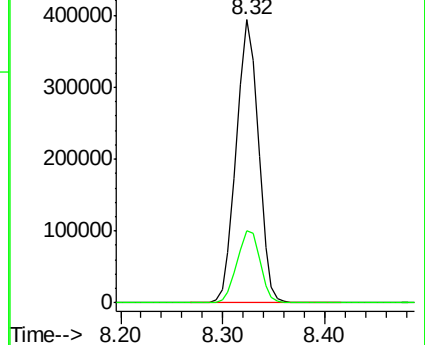
63 100

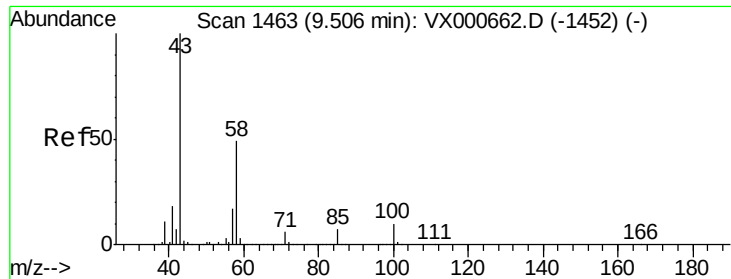
106 26.6 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

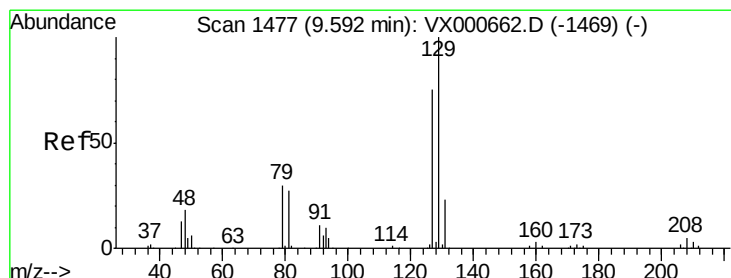
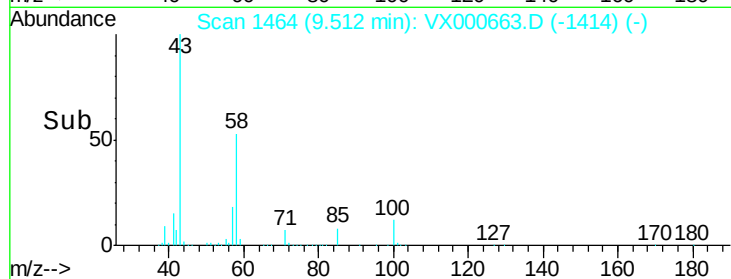
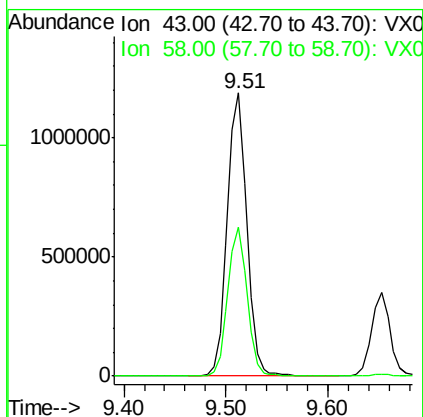
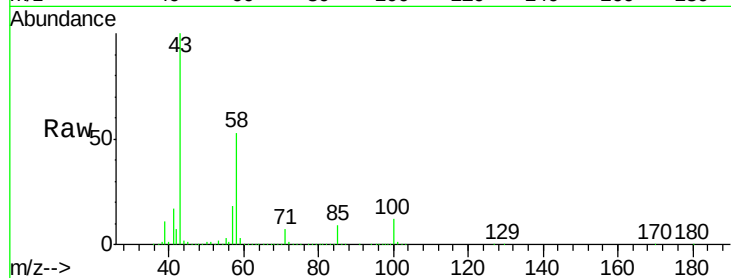




#59
2-Hexanone
Concen: 672.70 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. 0.01 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

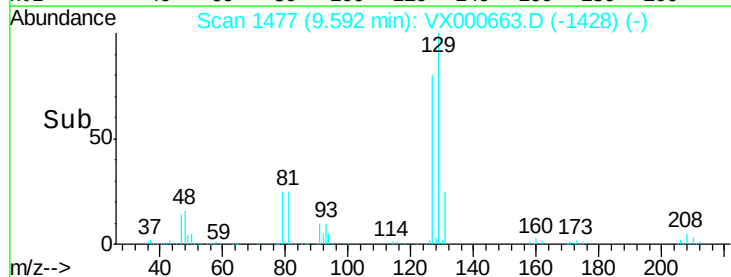
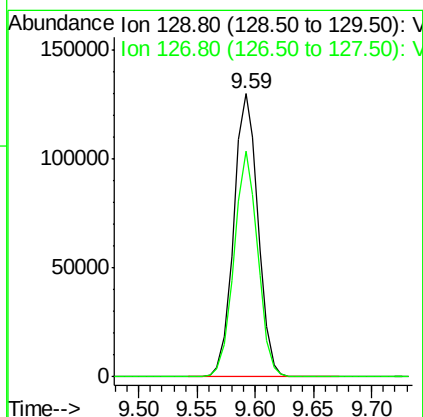
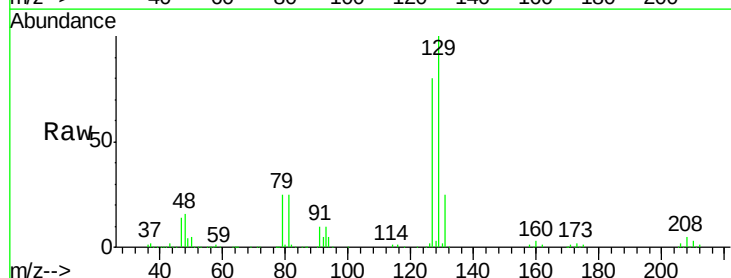
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

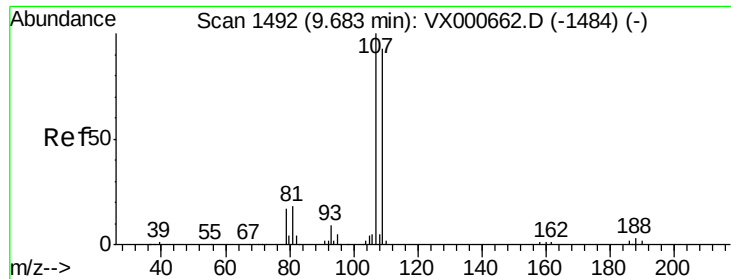
Tot Ion: 43 Resp: 1579006
Ion Ratio Lower Upper
43 100
58 52.0 24.8 74.3



#60
Dibromochloromethane
Concen: 130.78 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

Tgt Ion: 129 Resp: 189063
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 125.61 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

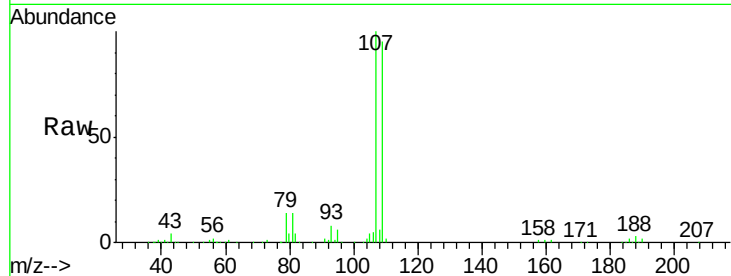
VSTDIC100

Tot Ion:107 Resp: 191319

Ion Ratio Lower Upper

107 100

109 92.9 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

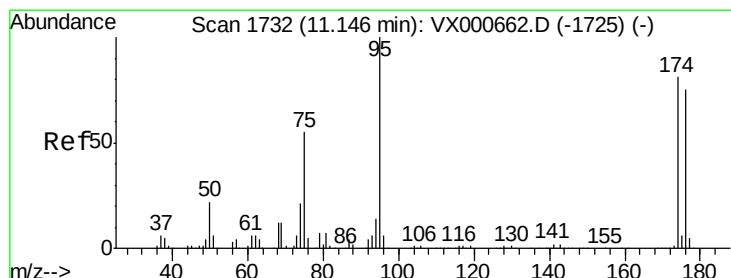
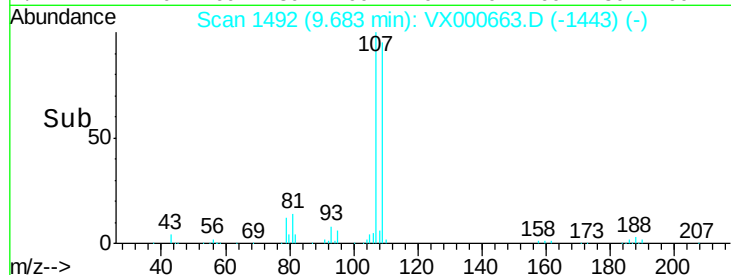
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 127.33 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

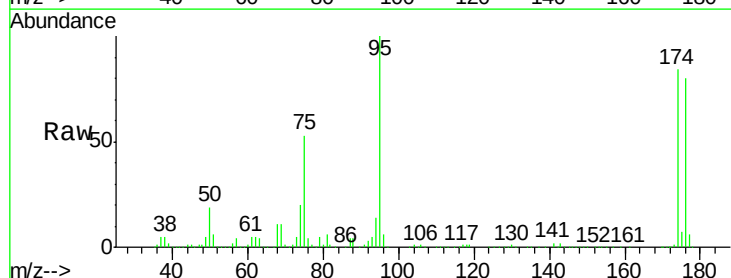
Tgt Ion: 95 Resp: 246216

Ion Ratio Lower Upper

95 100

174 83.4 0.0 156.8

176 80.0 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

250000

200000

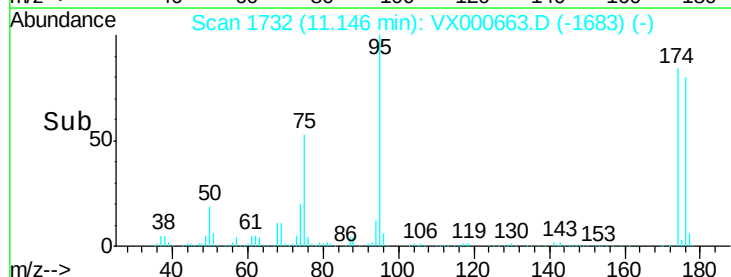
150000

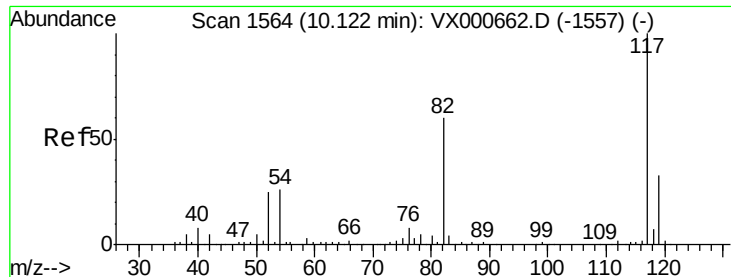
100000

50000

0

Time-->

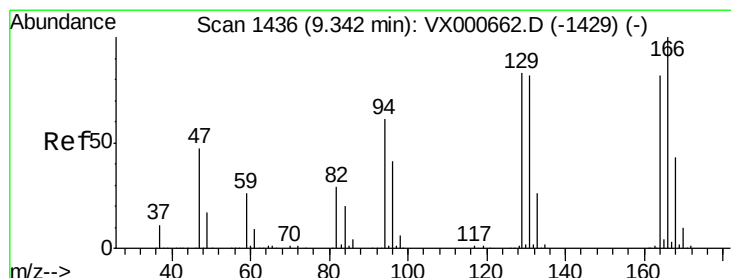
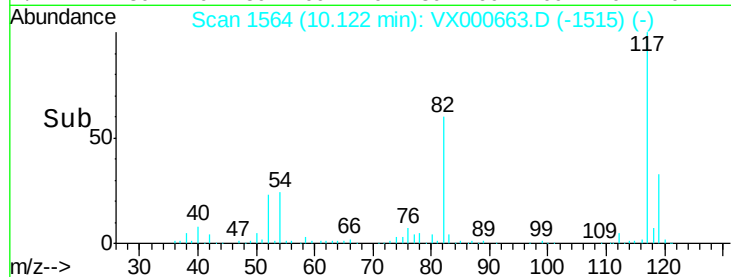
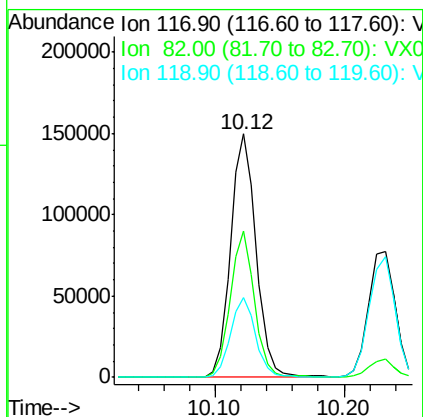
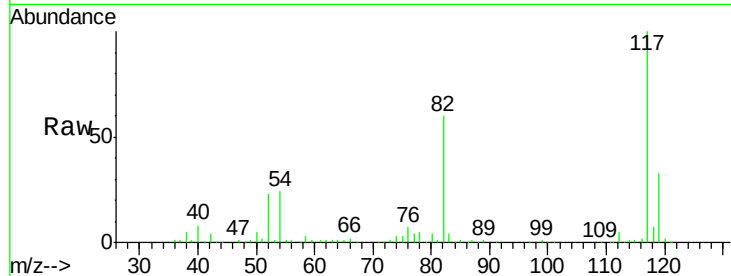




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

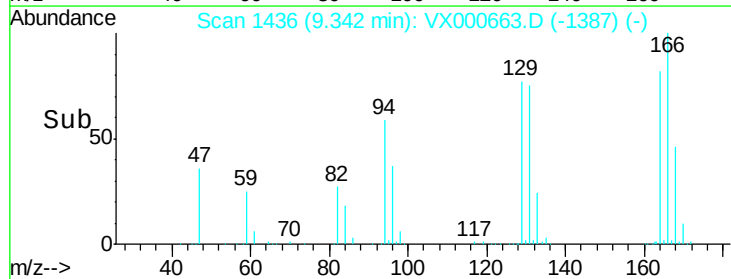
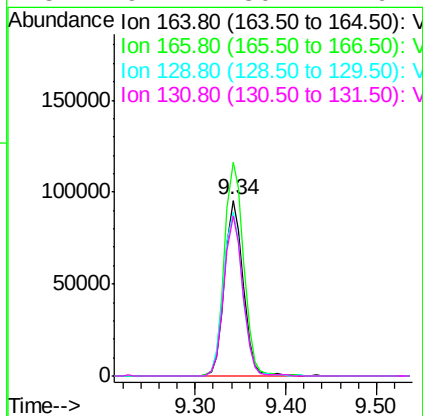
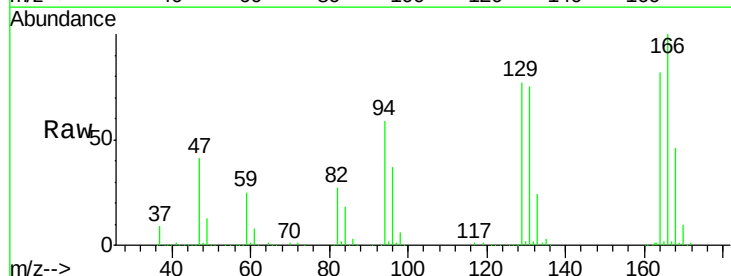
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

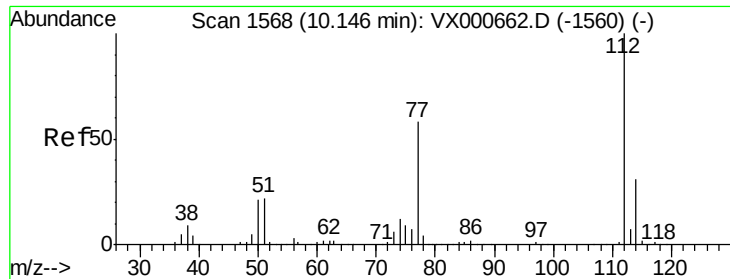
Tot Ion:117 Resp: 207592
Ion Ratio Lower Upper
117 100
82 60.1 48.3 72.5
119 32.9 26.0 39.0



#64
Tetrachloroethene
Concen: 87.45 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

Tgt Ion:164 Resp: 136796
Ion Ratio Lower Upper
164 100
166 121.7 97.8 146.8
129 93.7 81.3 121.9
131 91.1 80.2 120.2





#65

Chlorobenzene

Concen: 102.72 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

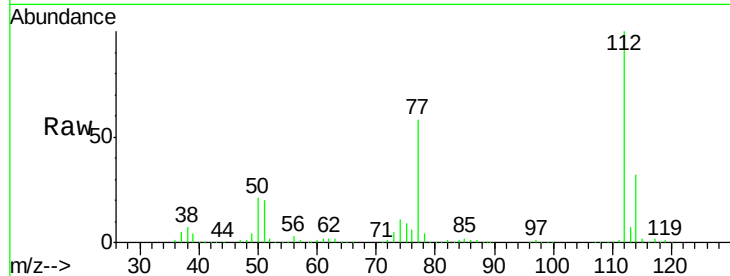
VSTDIC100

Tot Ion:112 Resp: 464978

Ion Ratio Lower Upper

112 100

114 32.5 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

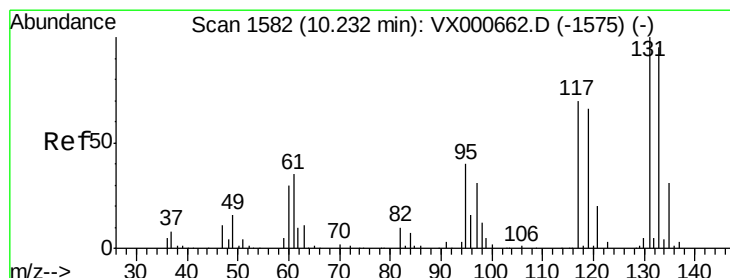
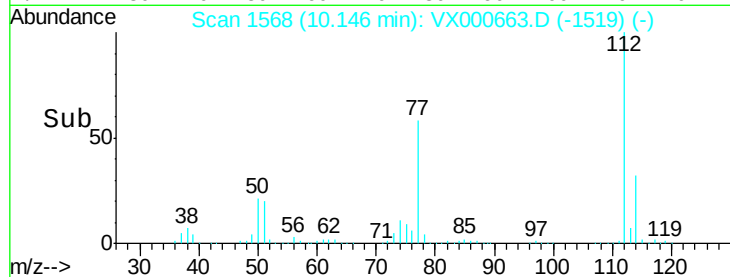
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 104.91 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

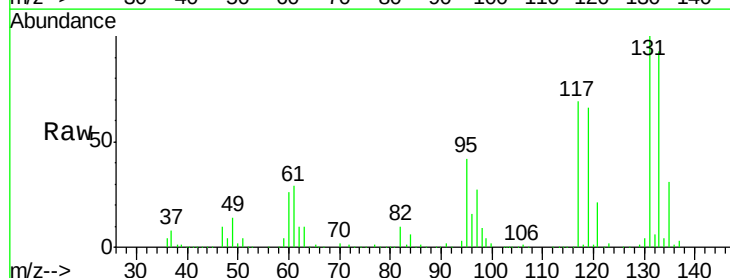
Tgt Ion:131 Resp: 159131

Ion Ratio Lower Upper

131 100

133 94.1 49.0 147.2

119 64.5 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

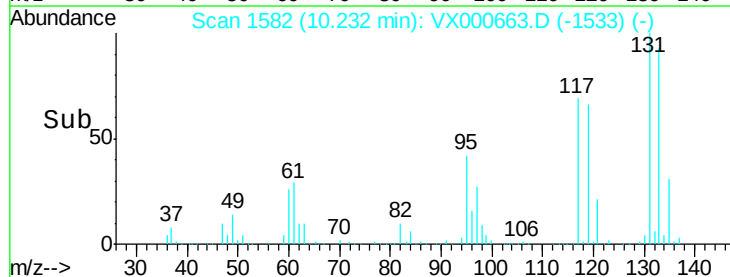
150000

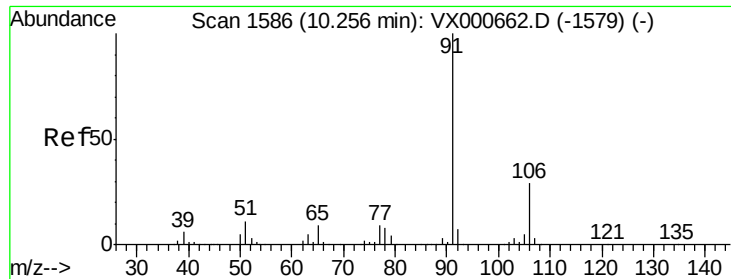
100000

50000

0

Time--> 10.20 10.30





#67

Ethyl Benzene

Concen: 107.10 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.01 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

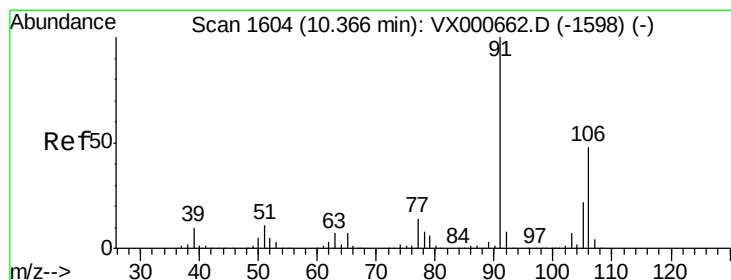
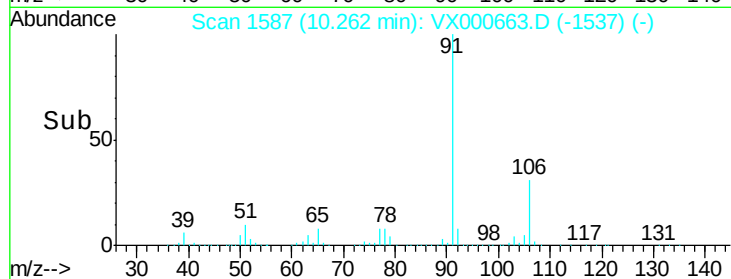
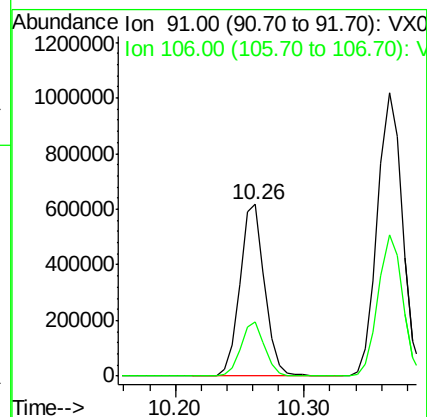
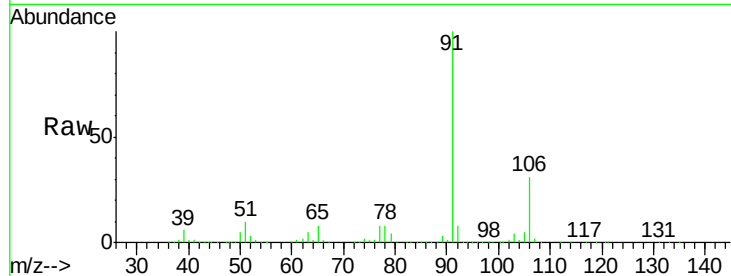
VSTDIC100

Tot Ion: 91 Resp: 826625

Ion Ratio Lower Upper

91 100

106 31.4 23.4 35.2



#68

m/p-Xylenes

Concen: 220.75 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000663.D

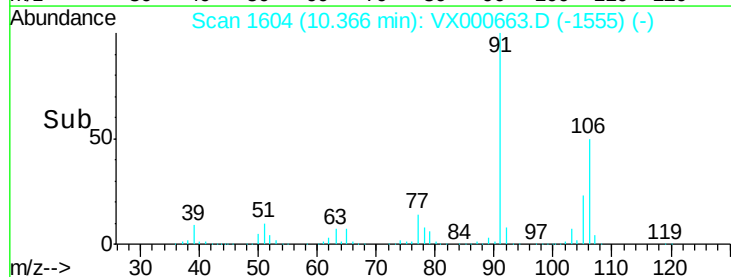
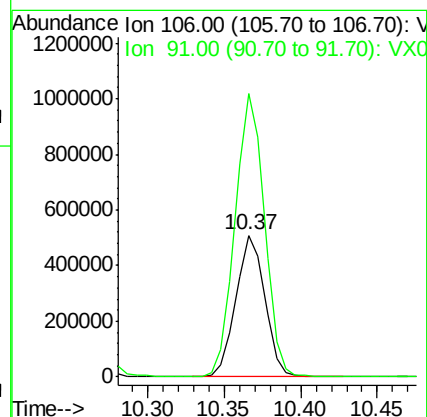
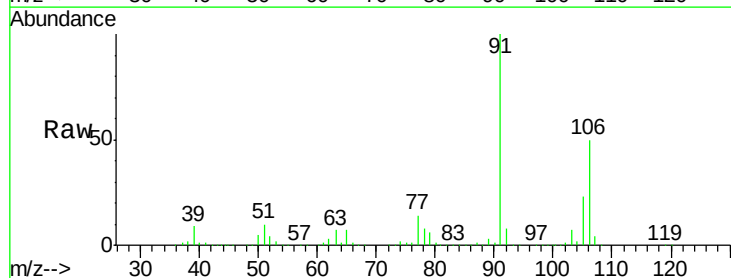
Acq: 04 Apr 2018 17:44

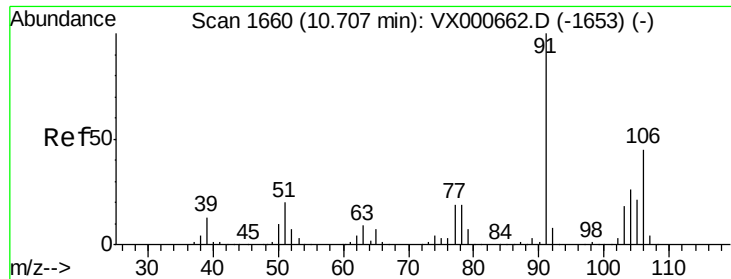
Tgt Ion: 106 Resp: 668406

Ion Ratio Lower Upper

106 100

91 203.5 167.0 250.6

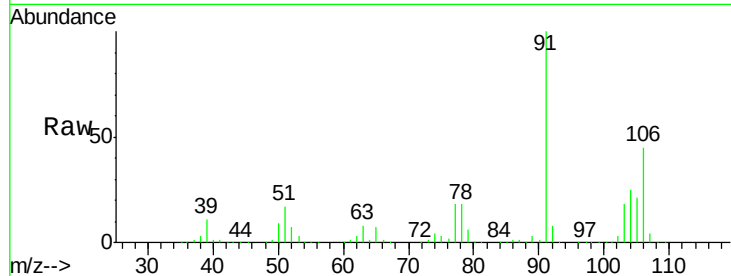




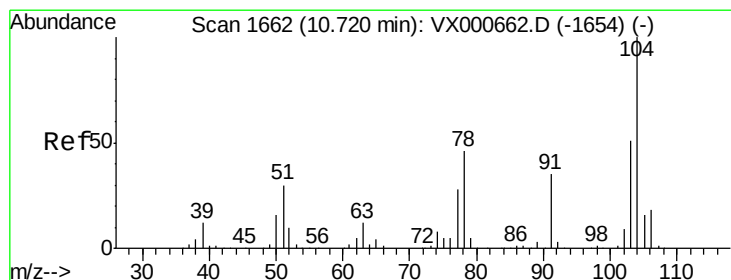
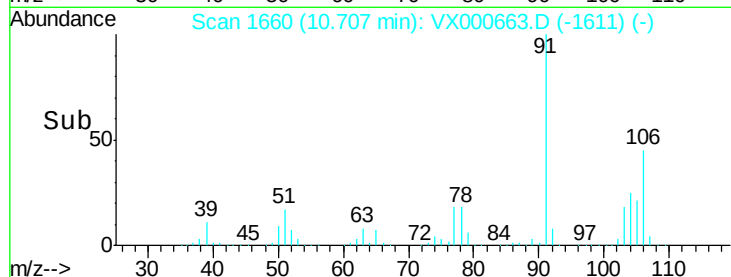
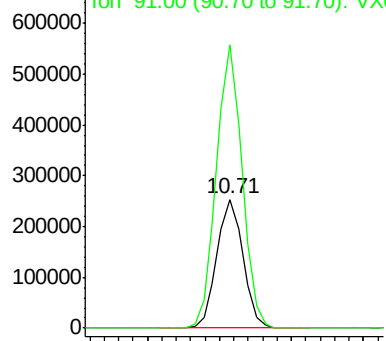
#69
o-Xylene
Concen: 108.73 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 317803
Ion Ratio Lower Upper
106 100
91 217.1 111.6 334.6

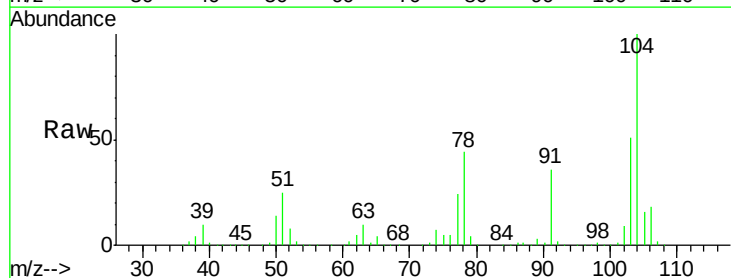


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

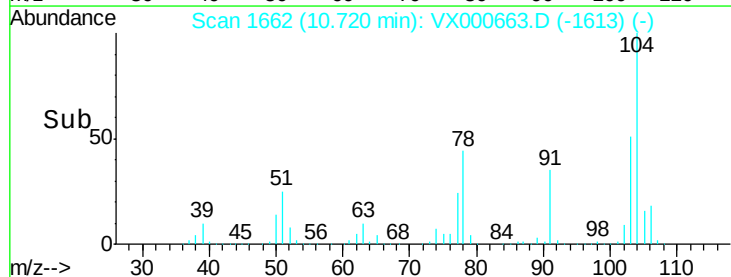
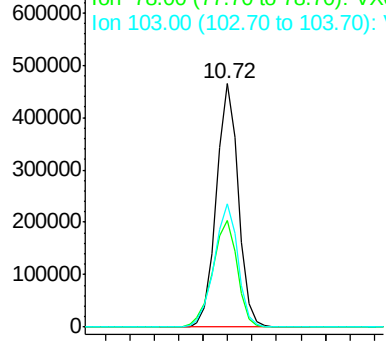


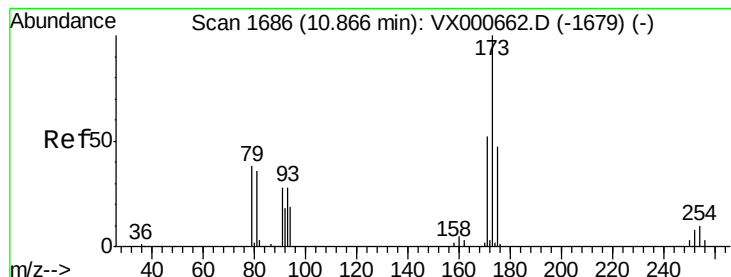
#70
Styrene
Concen: 119.40 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

Tgt Ion:104 Resp: 579363
Ion Ratio Lower Upper
104 100
78 49.3 41.9 62.9
103 55.0 45.3 67.9



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





#71

Bromoform

Concen: 117.37 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

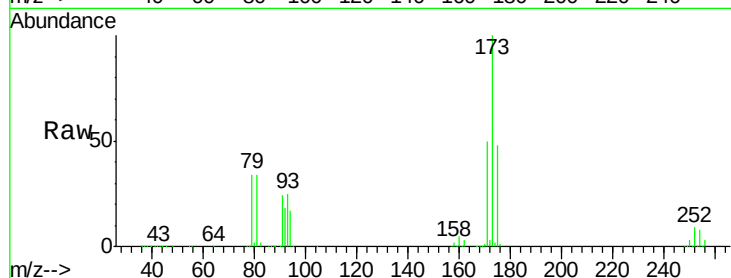
Tot Ion:173 Resp: 158588

Ion Ratio Lower Upper

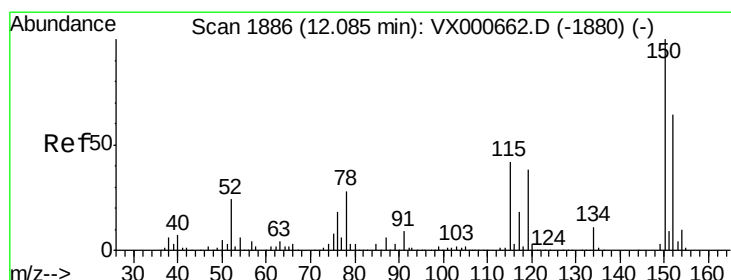
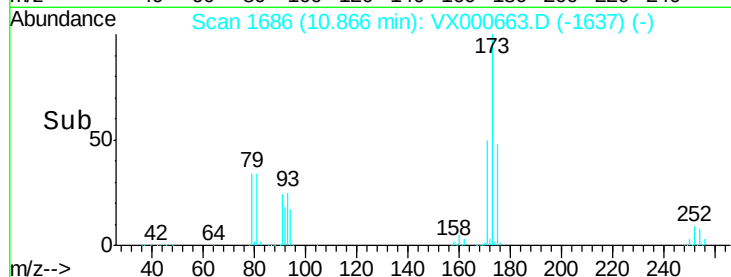
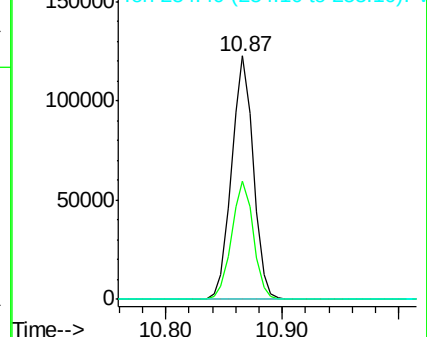
173 100

175 48.7 24.0 72.0

254 0.1 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: VX000663.D

Acq: 04 Apr 2018 17:44

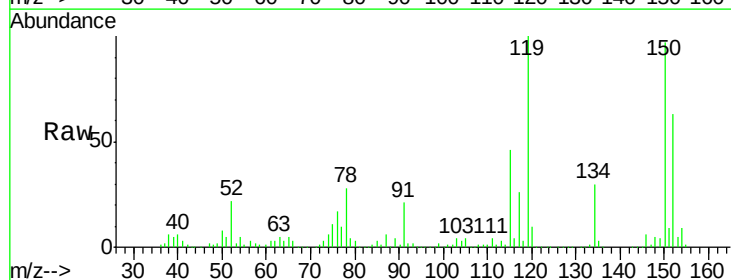
Tgt Ion:152 Resp: 141796

Ion Ratio Lower Upper

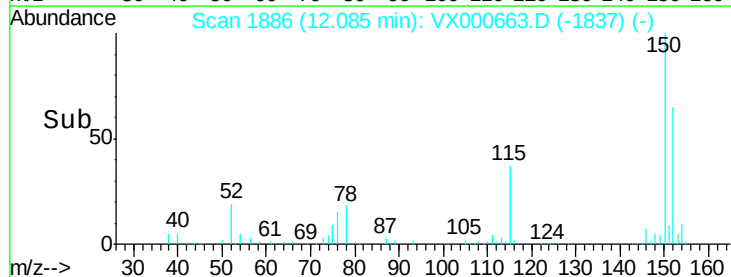
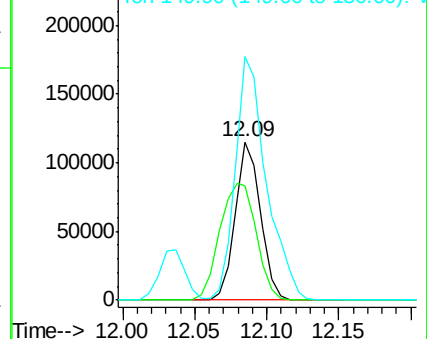
152 100

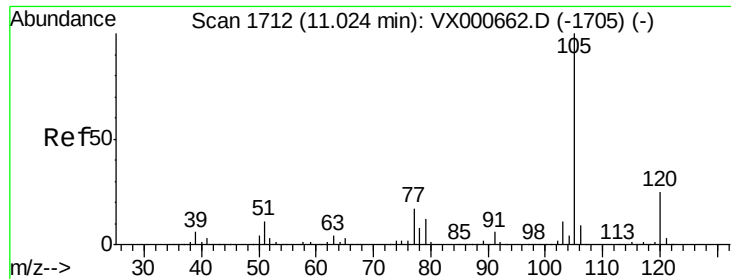
115 106.0 41.9 125.8

150 189.2 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: 100.39 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

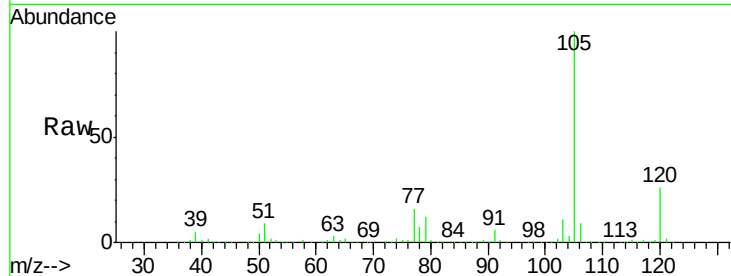
VSTDICC100

Tot Ion:105 Resp: 916087

Ion Ratio Lower Upper

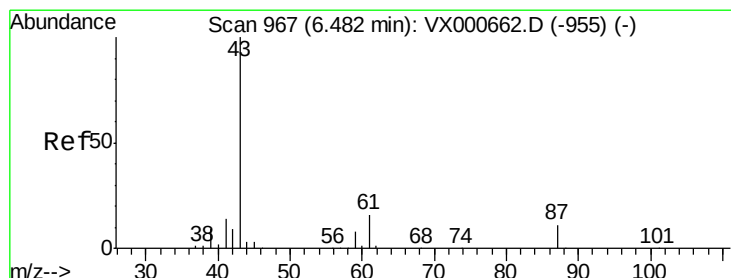
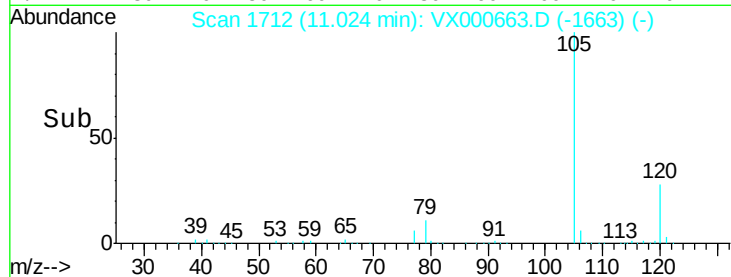
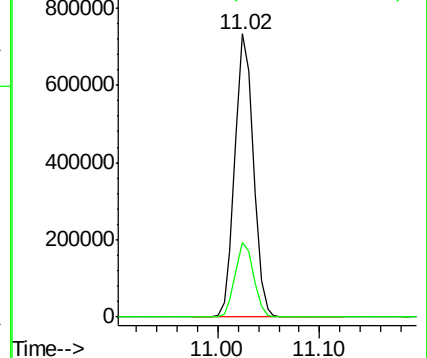
105 100

120 26.5 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: 92.60 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Tgt Ion: 43 Resp: 425627

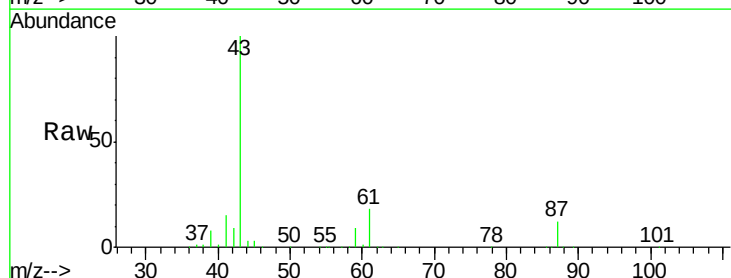
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 17.1 13.4 20.2

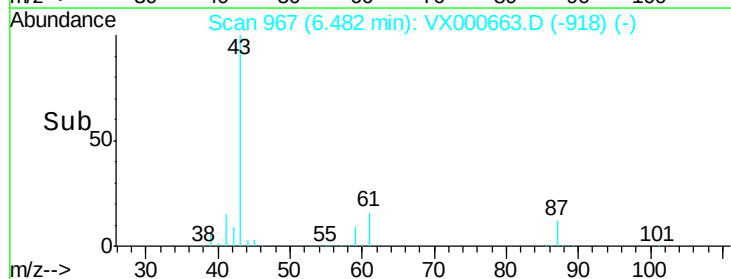
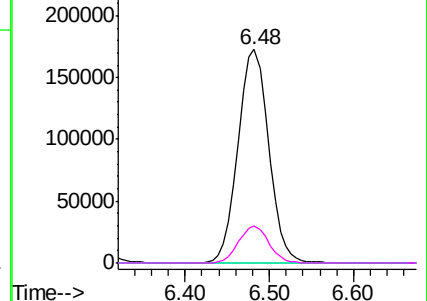


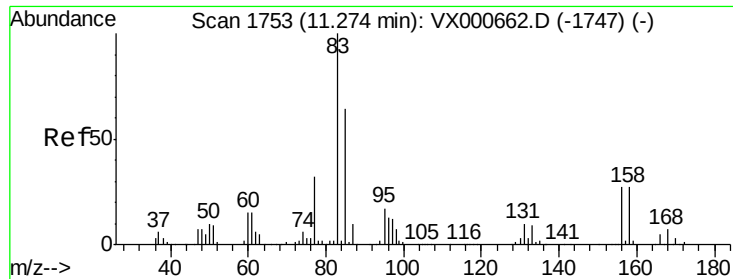
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 104.35 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

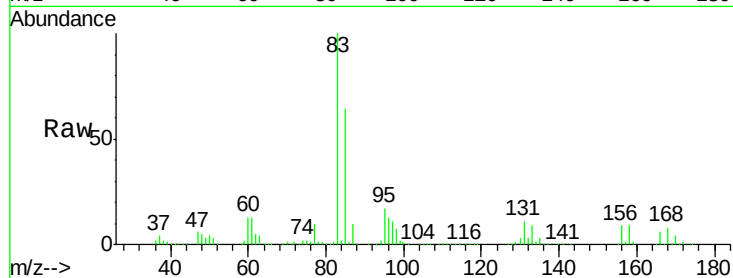
Tot Ion: 83 Resp: 339744

Ion Ratio Lower Upper

83 100

131 10.4 4.7 14.1

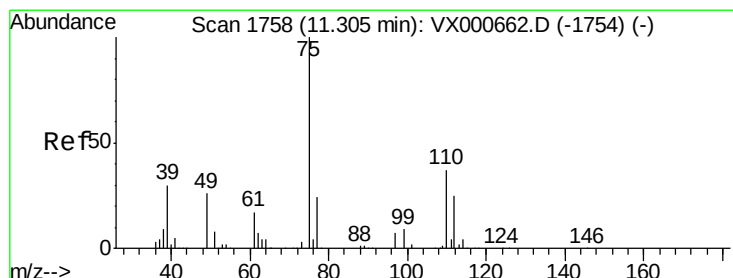
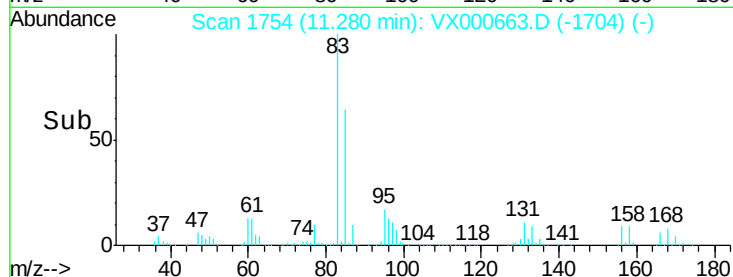
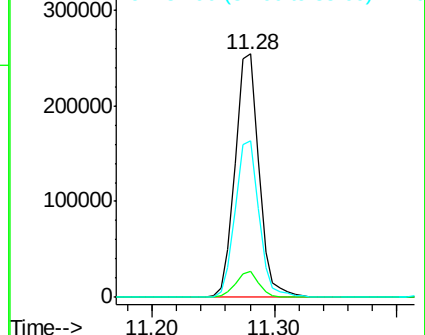
85 64.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 135.33 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000663.D

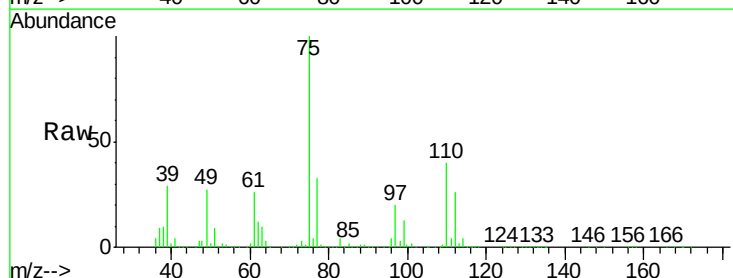
Acq: 04 Apr 2018 17:44

Tgt Ion: 75 Resp: 405409

Ion Ratio Lower Upper

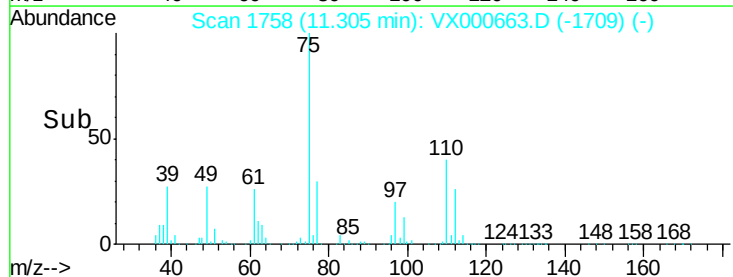
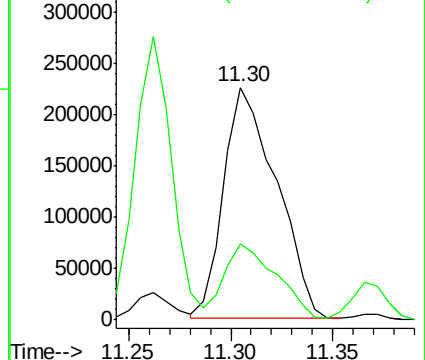
75 100

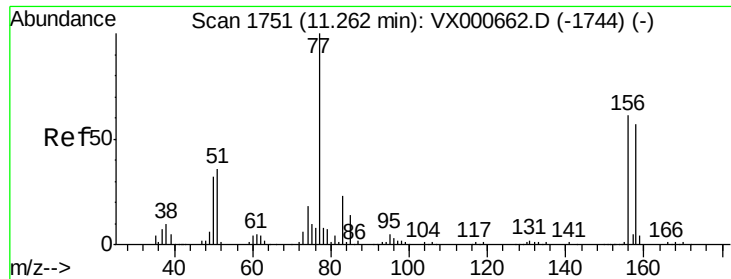
77 32.4 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 94.15 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

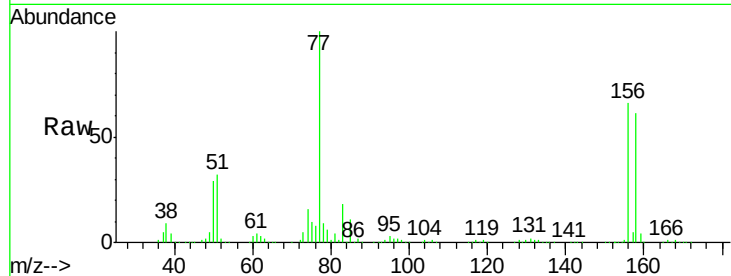
Tot Ion:156 Resp: 228324

Ion Ratio Lower Upper

156 100

77 152.1 82.3 246.9

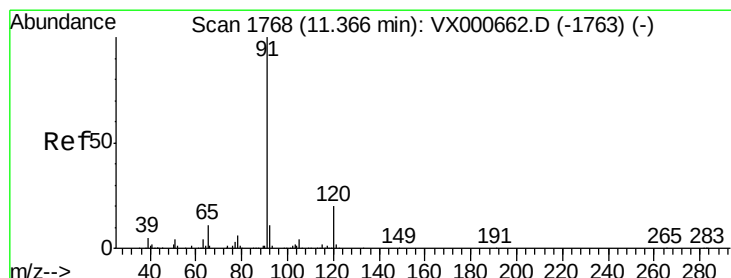
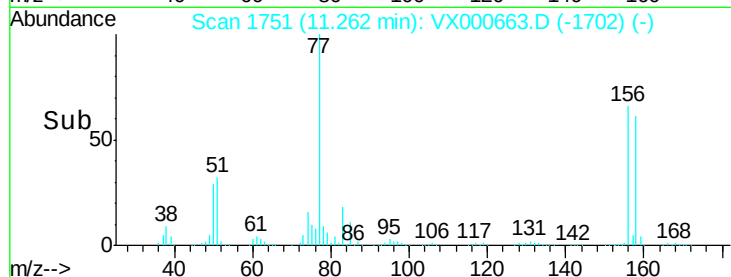
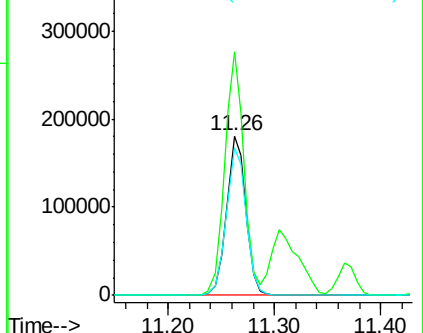
158 95.4 46.9 140.7



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: 98.40 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000663.D

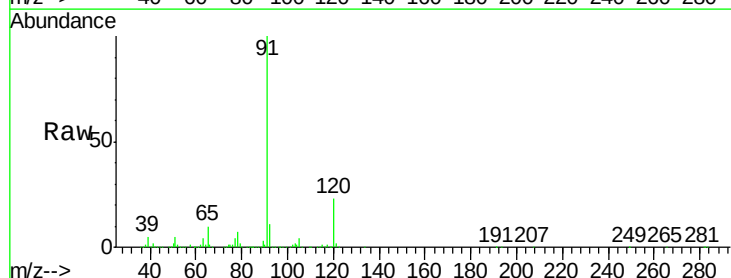
Acq: 04 Apr 2018 17:44

Tgt Ion: 91 Resp: 1081974

Ion Ratio Lower Upper

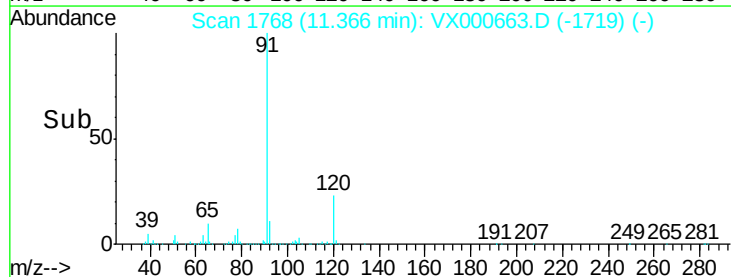
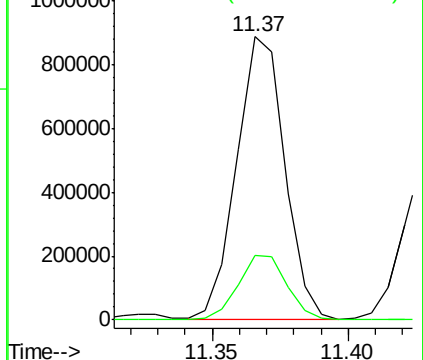
91 100

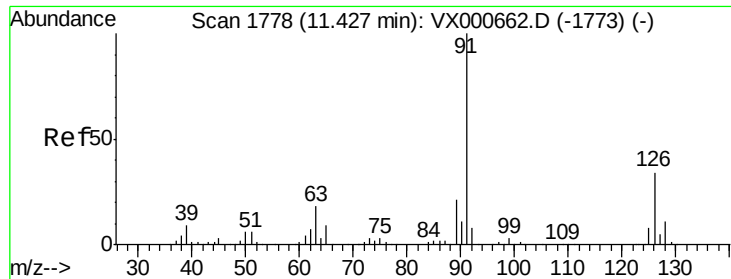
120 23.1 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 97.02 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

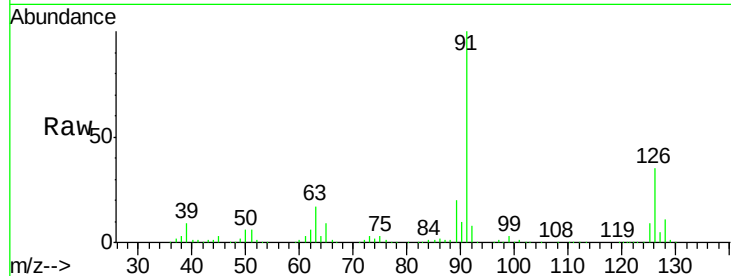
VSTDICC100

Tot Ion: 91 Resp: 615153

Ion Ratio Lower Upper

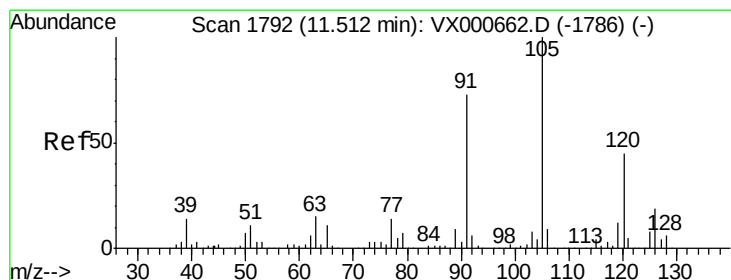
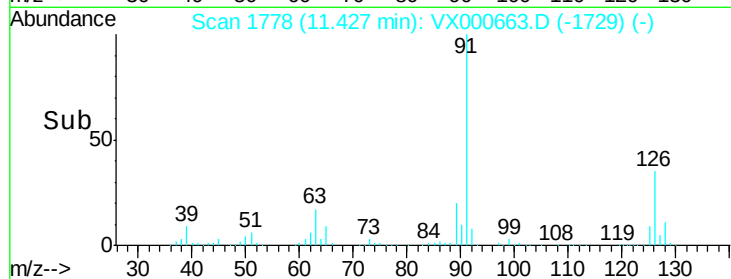
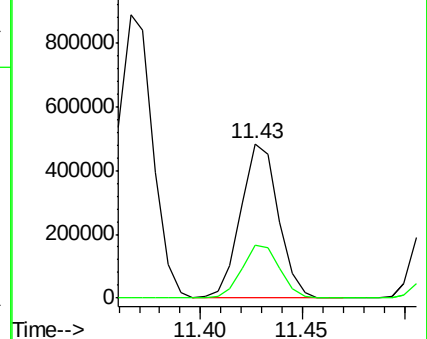
91 100

126 34.8 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: 101.83 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000663.D

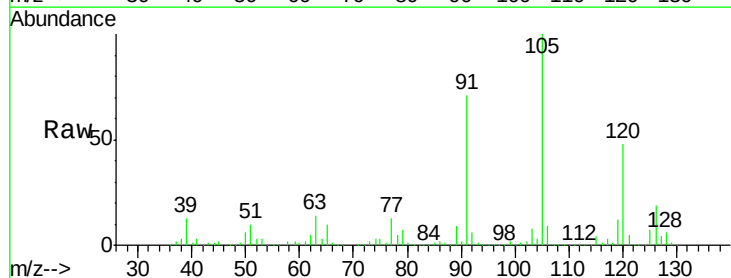
Acq: 04 Apr 2018 17:44

Tgt Ion:105 Resp: 785850

Ion Ratio Lower Upper

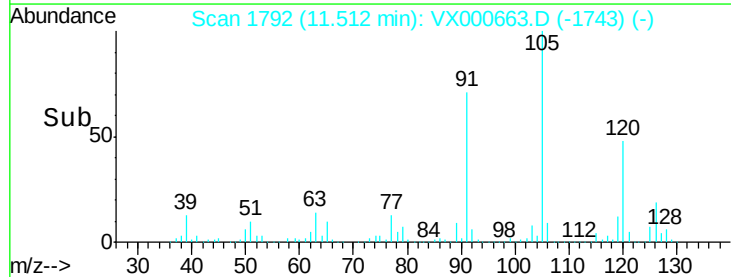
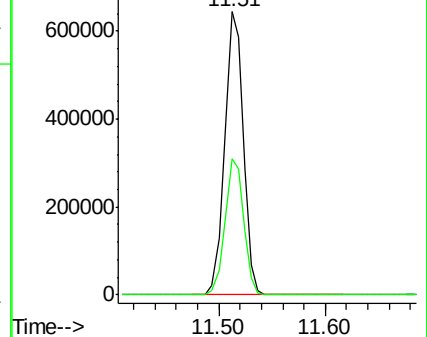
105 100

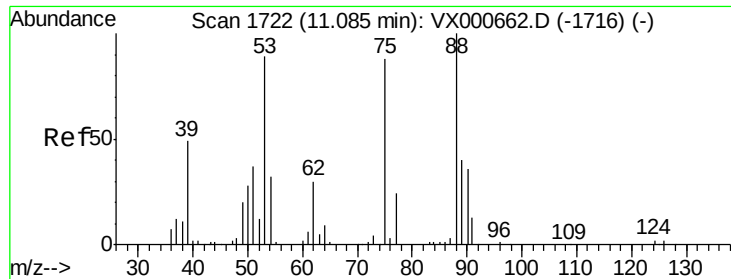
120 48.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

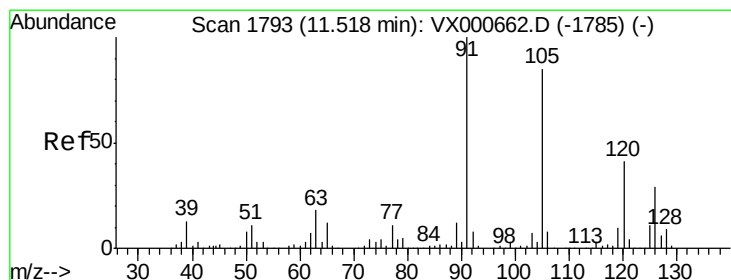
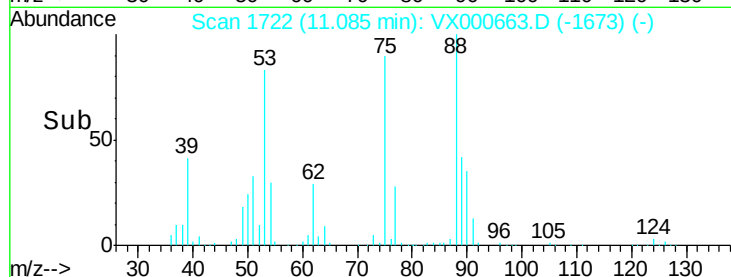
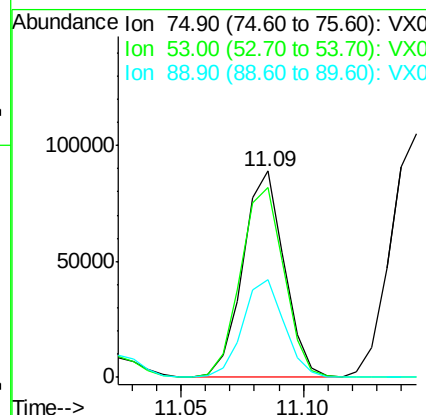
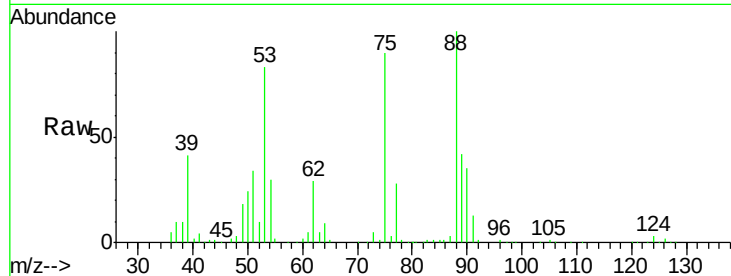




#81
trans-1,4-Dichloro-2-butene
Concen: 114.38 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

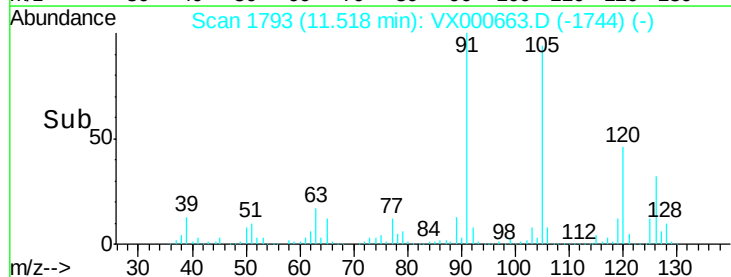
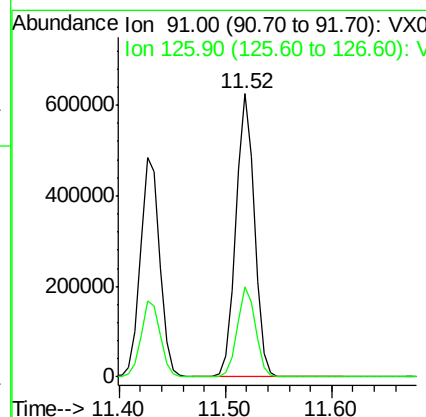
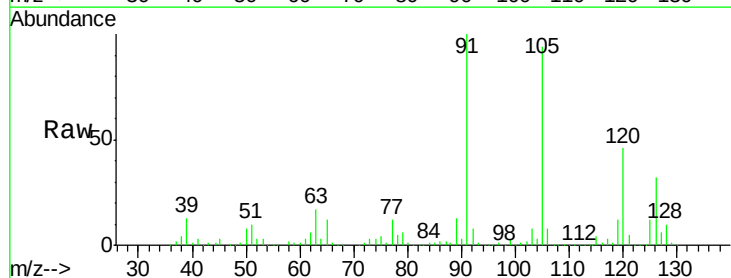
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

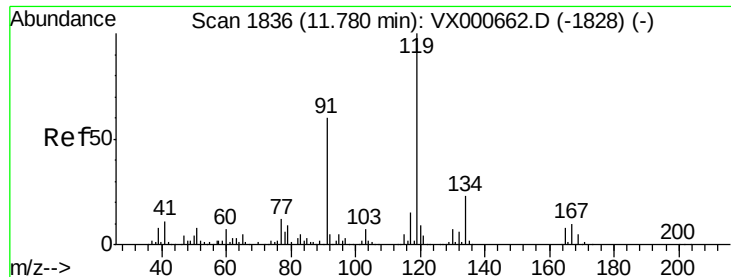
Tot Ion: 75 Resp: 104303
Ion Ratio Lower Upper
75 100
53 97.2 85.7 128.5
89 47.8 36.3 54.5



#82
4-Chlorotoluene
Concen: 100.46 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000663.D
Acq: 04 Apr 2018 17:44

Tgt Ion: 91 Resp: 767380
Ion Ratio Lower Upper
91 100
126 31.1 14.8 44.3

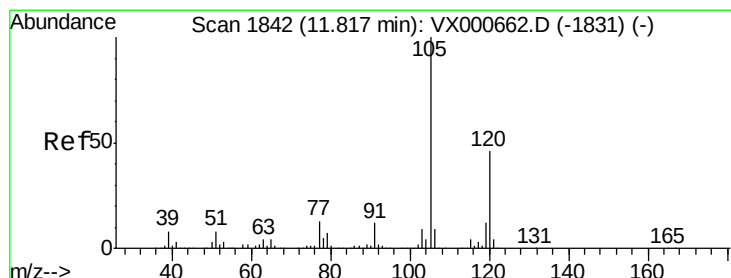
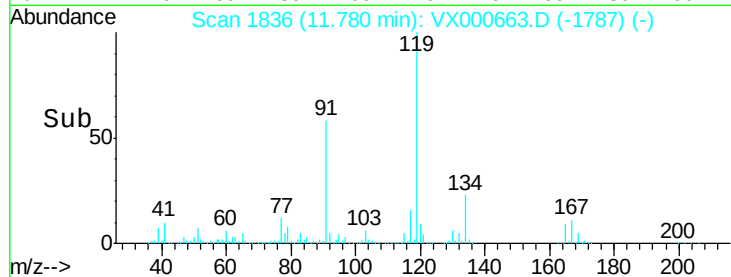
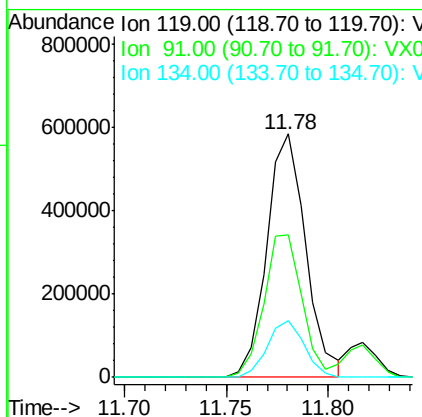
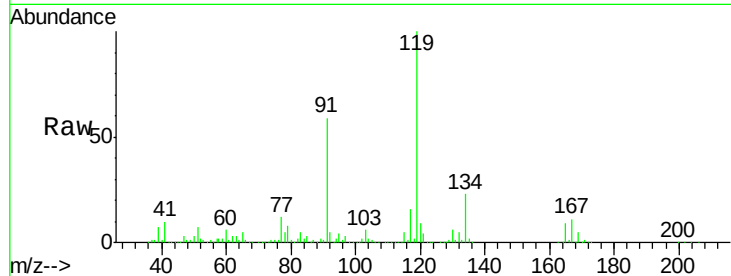




#83
 tert-Butylbenzene
 Concen: 100.71 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000663.D
 Acq: 04 Apr 2018 17:44

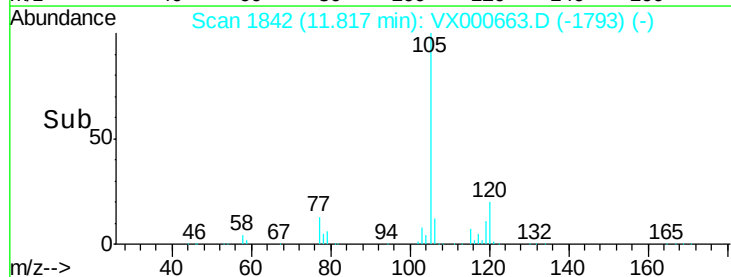
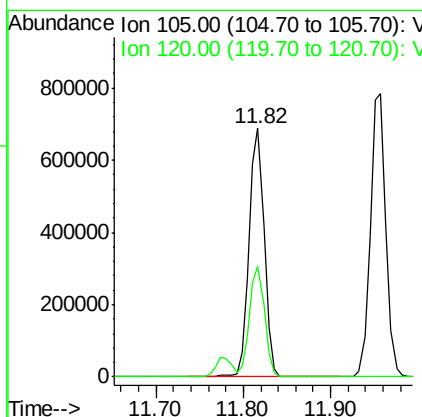
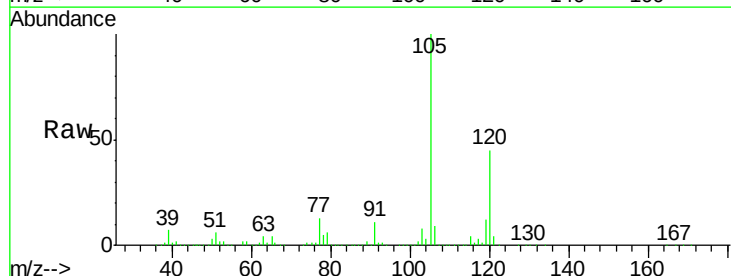
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

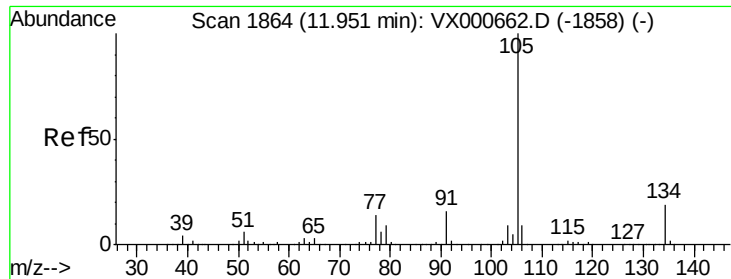
Tot Ion:119 Resp: 779417
 Ion Ratio Lower Upper
 119 100
 91 57.2 30.9 92.8
 134 22.3 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 100.86 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000663.D
 Acq: 04 Apr 2018 17:44

Tgt Ion:105 Resp: 816257
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.6 65.0





#85

sec-Butylbenzene

Concen: 100.96 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.01 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

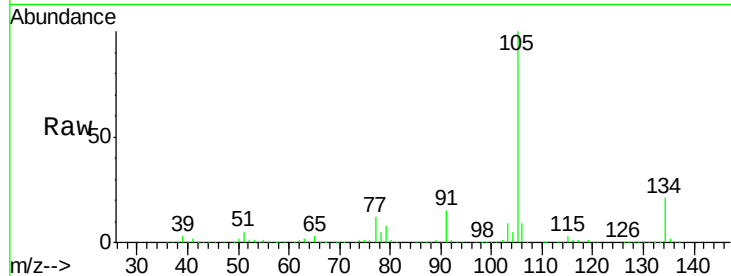
VSTDIC100

Tot Ion:105 Resp: 972464

Ion Ratio Lower Upper

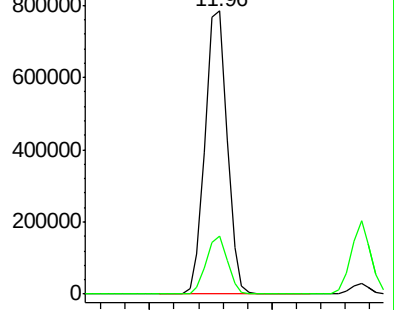
105 100

134 19.8 9.6 28.6

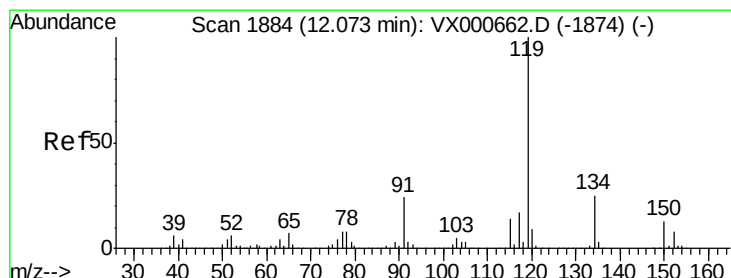
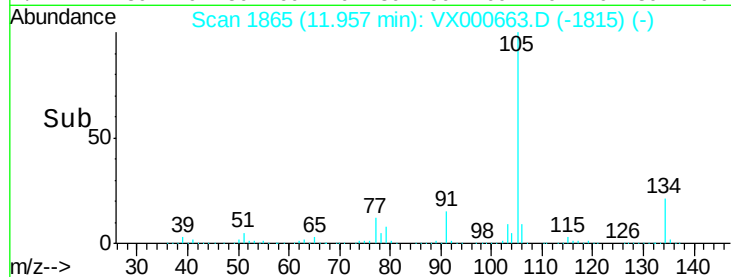


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 101.15 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

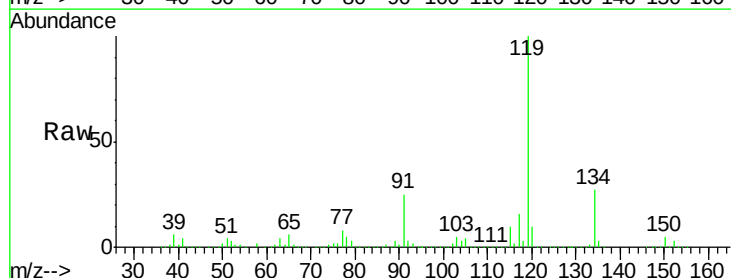
Tgt Ion:119 Resp: 865839

Ion Ratio Lower Upper

119 100

134 26.6 12.9 38.6

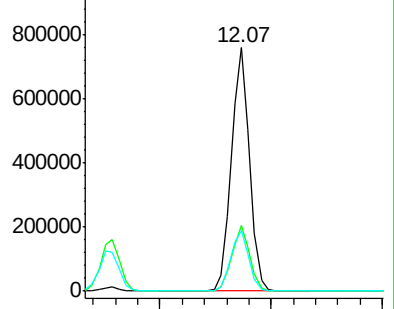
91 24.9 12.6 37.6



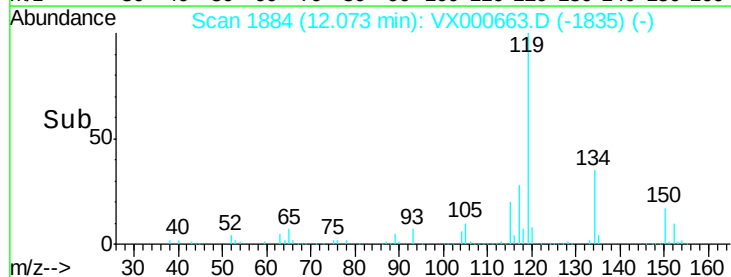
Abundance Ion 119.00 (118.70 to 119.70): V

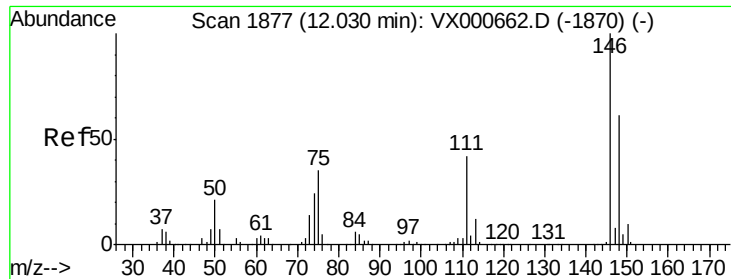
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->

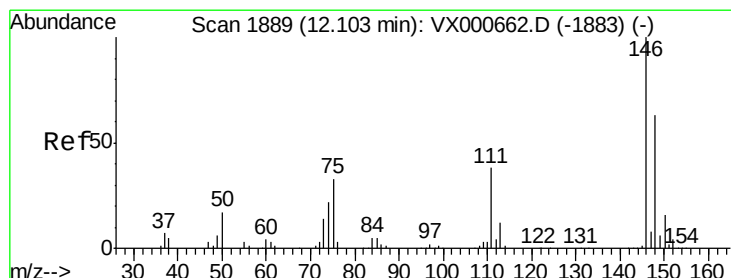
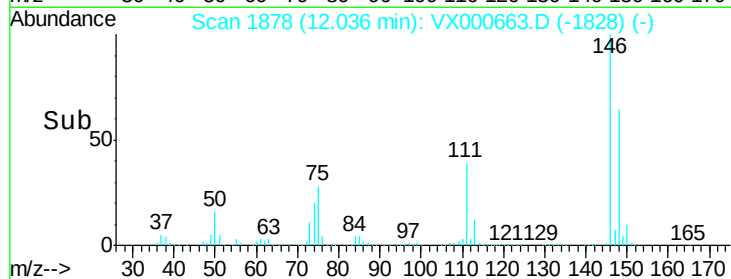
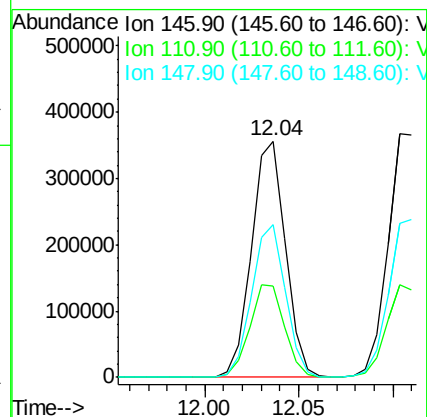
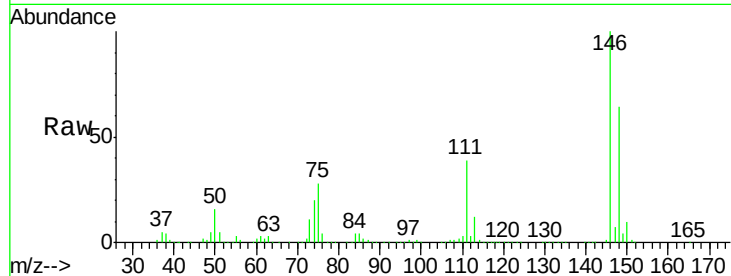




#87
 1,3-Dichlorobenzene
 Concen: 96.81 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VX000663.D
 Acq: 04 Apr 2018 17:44

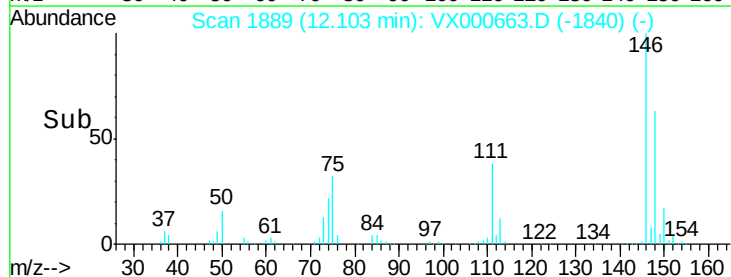
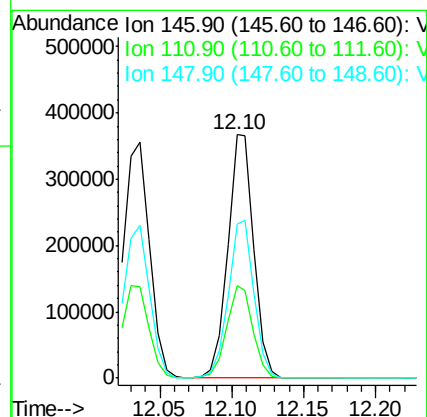
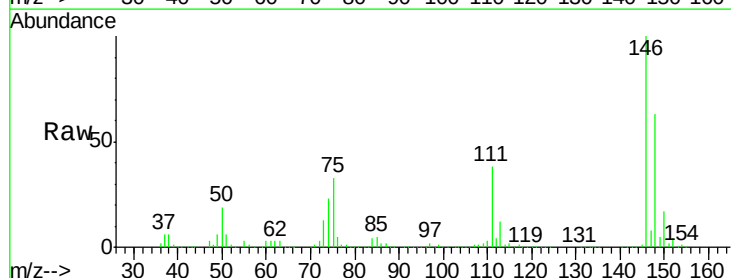
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

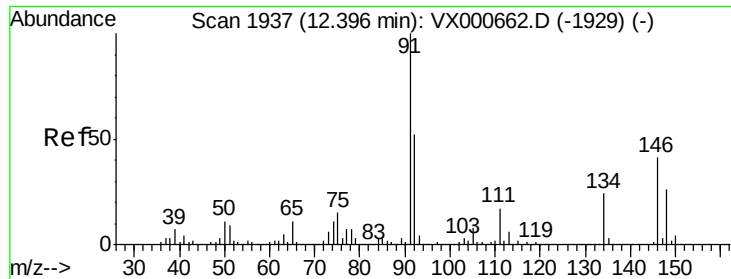
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.2	60.6
148	63.9	31.0	93.0



#88
 1,4-Dichlorobenzene
 Concen: 95.79 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000663.D
 Acq: 04 Apr 2018 17:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.1	60.3
148	64.8	31.8	95.4





#89

n-Butylbenzene

Concen: 104.49 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

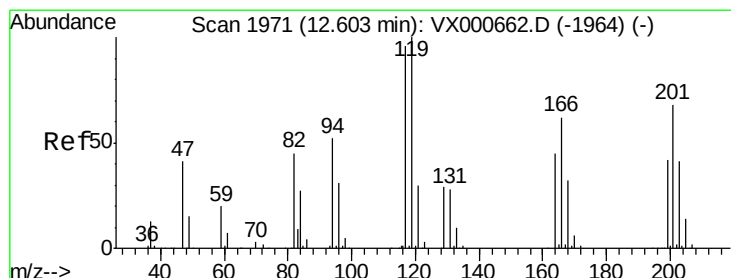
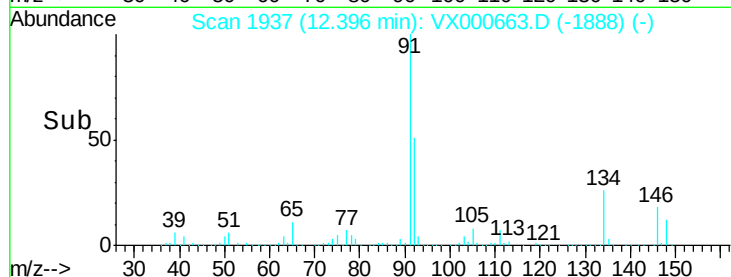
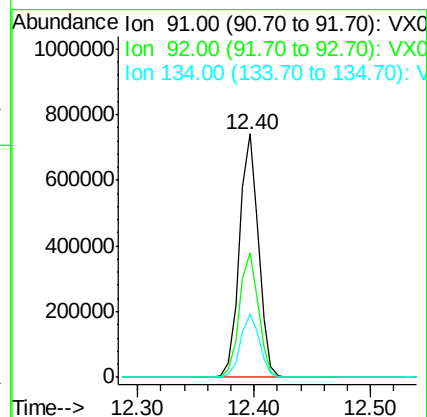
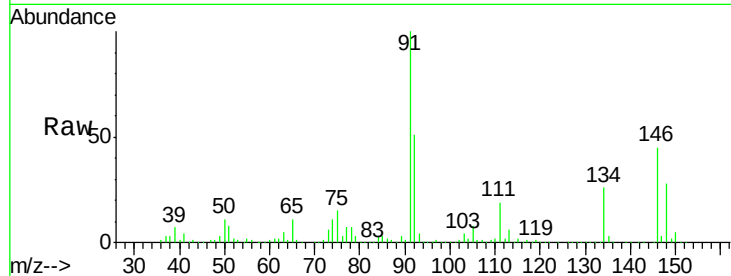
Tot Ion: 91 Resp: 844041

Ion Ratio Lower Upper

91 100

92 51.4 25.9 77.8

134 25.9 12.2 36.6



#90

Hexachloroethane

Concen: 108.21 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000663.D

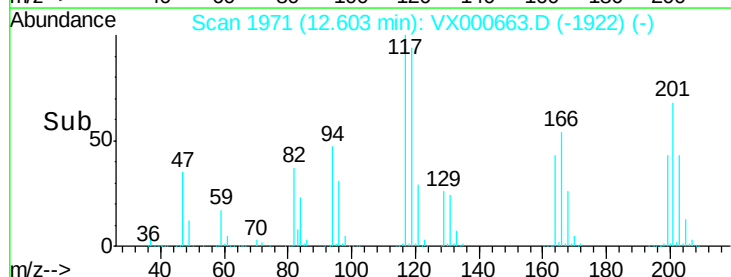
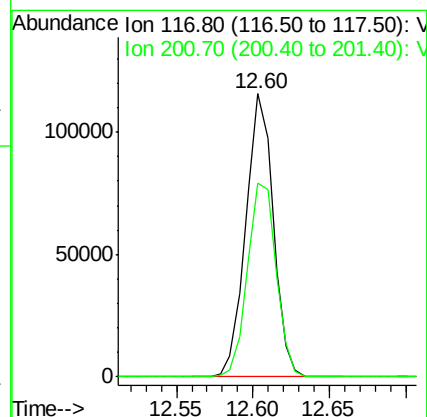
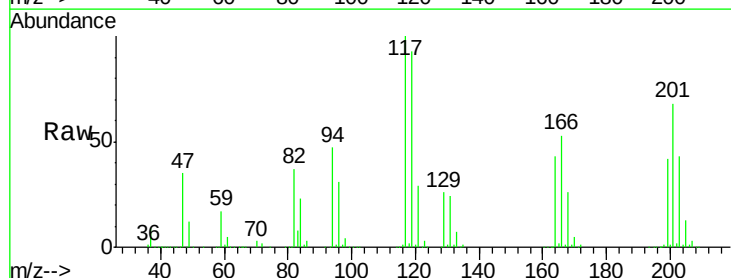
Acq: 04 Apr 2018 17:44

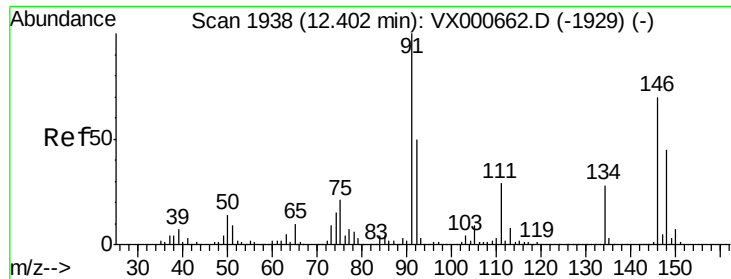
Tgt Ion: 117 Resp: 144400

Ion Ratio Lower Upper

117 100

201 71.6 33.9 101.6

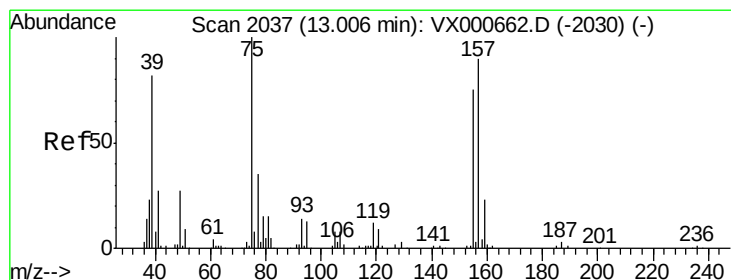
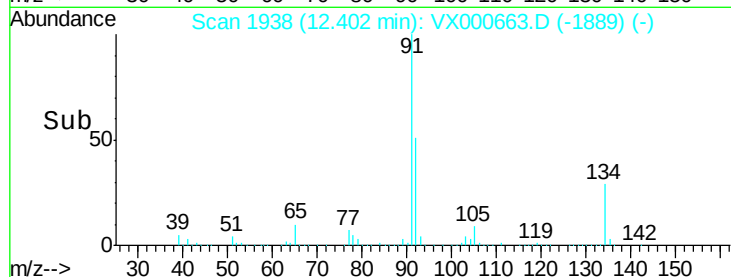
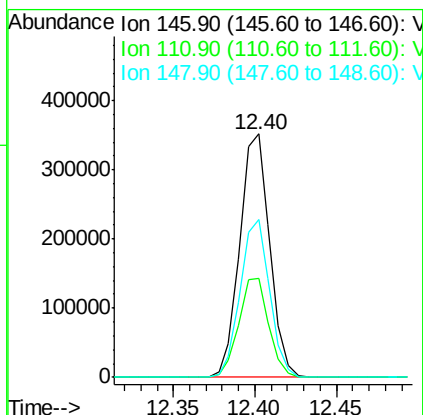
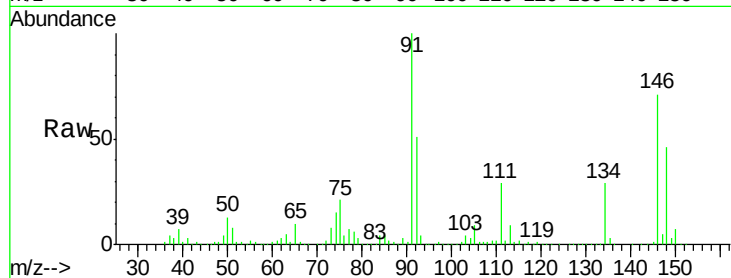




#91
 1,2-Dichlorobenzene
 Concen: 99.61 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000663.D
 Acq: 04 Apr 2018 17:44

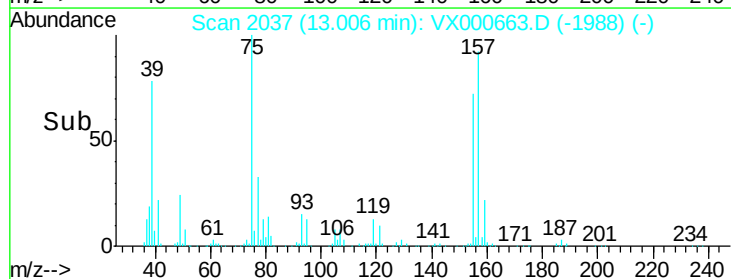
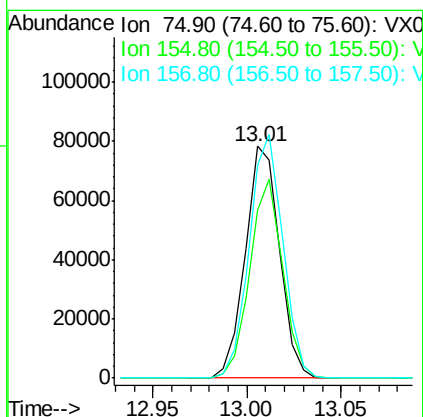
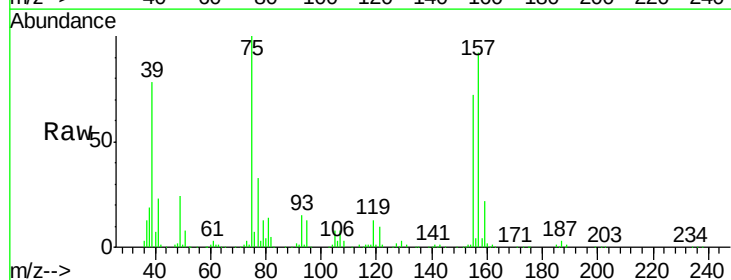
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

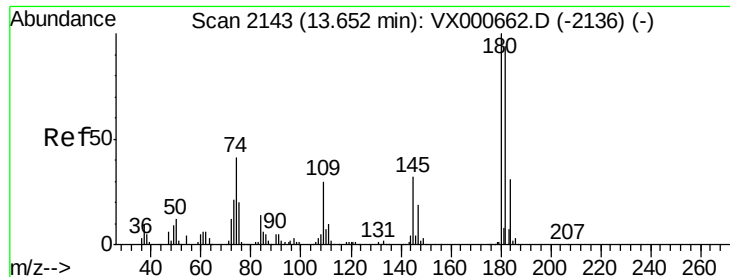
Tot Ion:146 Resp: 450279
 Ion Ratio Lower Upper
 146 100
 111 40.7 21.3 63.7
 148 63.9 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 107.19 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX000663.D
 Acq: 04 Apr 2018 17:44

Tgt Ion: 75 Resp: 98356
 Ion Ratio Lower Upper
 75 100
 155 82.6 38.9 116.7
 157 103.3 49.1 147.3

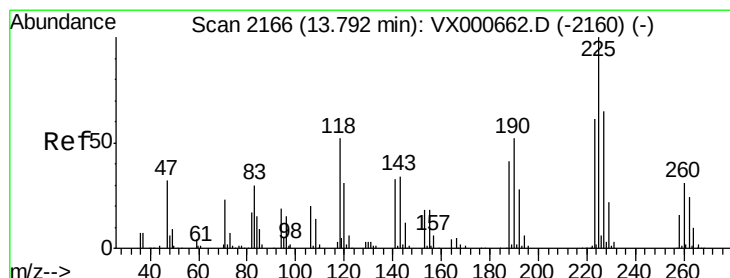
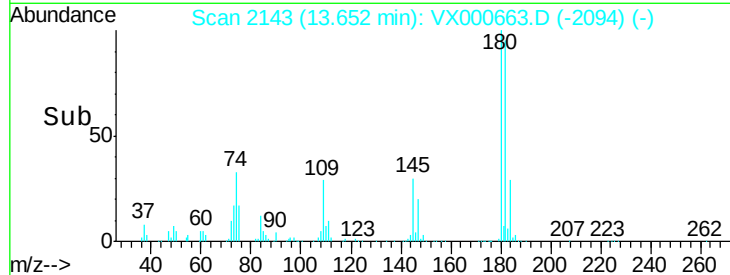
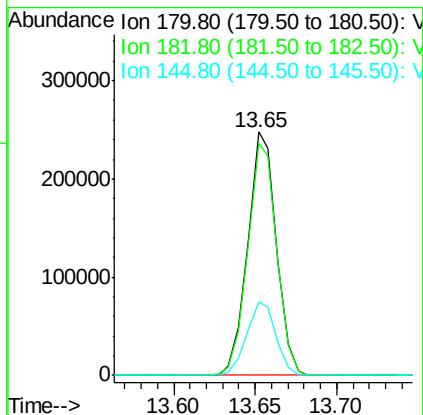
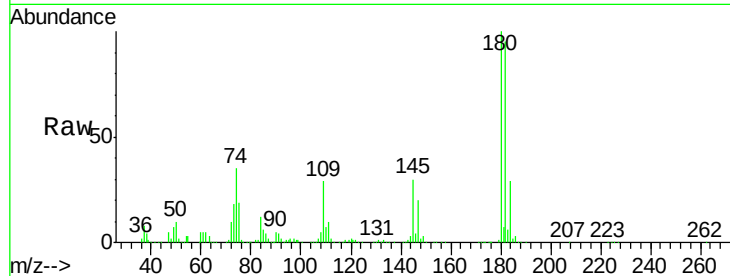




#93
 1,2,4-Trichlorobenzene
 Concen: 93.77 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000663.D
 Acq: 04 Apr 2018 17:44

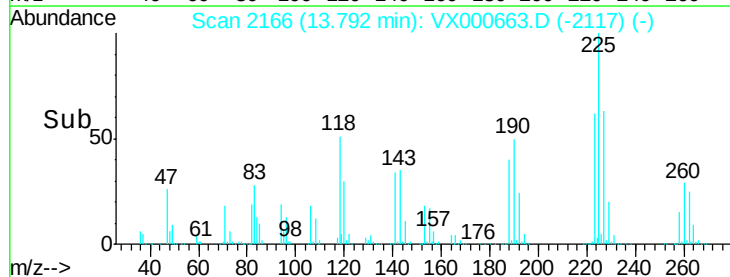
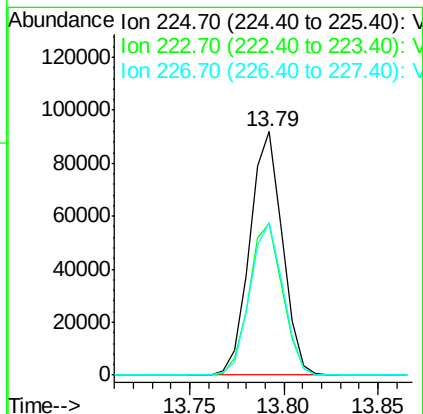
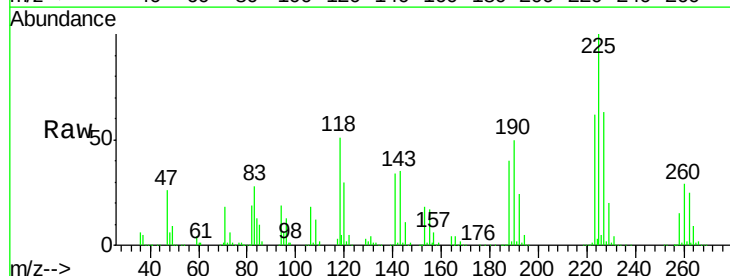
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

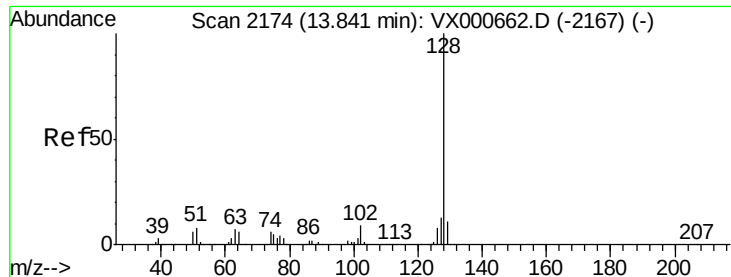
Tot Ion:180 Resp: 303287
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.4 142.2
 145 30.8 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 83.67 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000663.D
 Acq: 04 Apr 2018 17:44

Tgt Ion:225 Resp: 110115
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.4 94.0
 227 63.9 32.7 98.1





#95

Naphthalene

Concen: 104.00 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

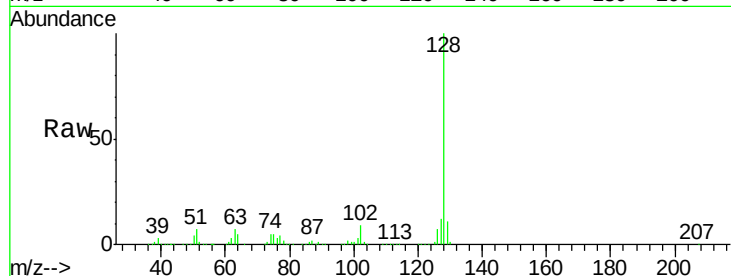
Tot Ion:128 Resp: 1172465

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.8	8.9	13.3

128 100

127 12.8 10.6 16.0

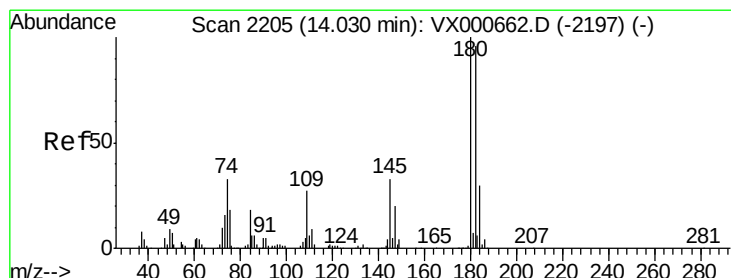
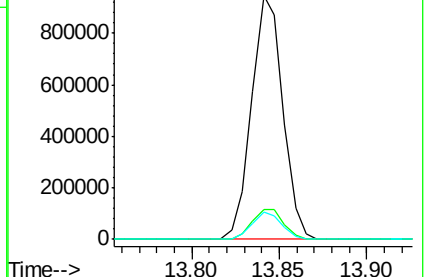
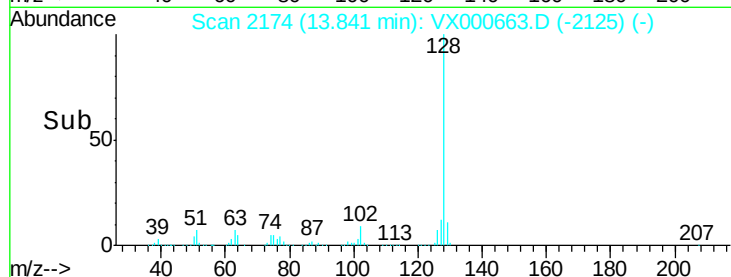
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 94.56 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000663.D

Acq: 04 Apr 2018 17:44

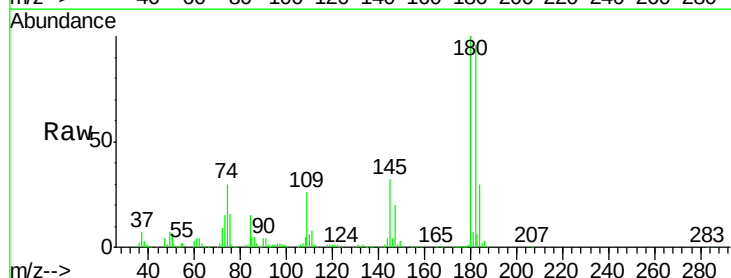
Tgt Ion:180 Resp: 300958

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.2	141.6
145	33.2	16.8	50.4

180 100

182 95.4 47.2 141.6

145 33.2 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

