

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000662.D
 Acq On : 04 Apr 2018 17:18
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 05 02:09:12 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	94049	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	163339	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	173563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	112207	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	77935	60.96	ug/l	0.00
Spiked Amount			Recovery	=	121.92%	
35) Dibromofluoromethane	5.51	113	55439	53.52	ug/l	0.00
Spiked Amount			Recovery	=	107.04%	
50) Toluene-d8	8.73	98	232969	53.50	ug/l	0.00
Spiked Amount			Recovery	=	107.00%	
62) 4-Bromofluorobenzene	11.15	95	97665	56.72	ug/l	0.00
Spiked Amount			Recovery	=	113.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	58774	55.19	ug/l	100
3) Chloromethane	1.32	50	47566	44.10	ug/l	100
4) Vinyl Chloride	1.40	62	67601	56.78	ug/l	100
5) Bromomethane	1.64	94	69528	48.74	ug/l	100
6) Chloroethane	1.72	64	47291	52.83	ug/l	100
7) Trichlorofluoromethane	1.93	101	117216	54.88	ug/l	100
8) Diethyl Ether	2.19	74	43504	56.55	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63759	53.59	ug/l	100
10) Methyl Iodide	2.51	142	39185	41.01	ug/l	100
11) Tert butyl alcohol	3.09	59	143796	318.29	ug/l	100
12) 1,1-Dichloroethene	2.37	96	56919	54.85	ug/l	100
13) Acrolein	2.30	56	86420	474.73	ug/l	100
14) Allyl chloride	2.73	41	117828	57.89	ug/l	100
15) Acrylonitrile	3.16	53	276424	307.09	ug/l	100
16) Acetone	2.45	43	293130	279.42	ug/l	100
17) Carbon Disulfide	2.57	76	132135	44.71	ug/l	100
18) Methyl Acetate	2.78	43	139609	61.97	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	221129	56.96	ug/l	100
20) Methylene Chloride	2.86	84	64356	53.36	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	60372	52.22	ug/l	100
22) Diisopropyl ether	3.88	45	150743	47.10	ug/l	100
23) Vinyl Acetate	3.83	43	710492	239.07	ug/l	100
24) 1,1-Dichloroethane	3.70	63	114789	56.08	ug/l	100
25) 2-Butanone	4.72	43	306869	264.64	ug/l	100
26) 2,2-Dichloropropane	4.59	77	61617	45.13	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	47841	45.74	ug/l	100
28) Bromochloromethane	5.03	49	44454	54.05	ug/l	100
29) Tetrahydrofuran	5.18	42	196903	275.00	ug/l	100
30) Chloroform	5.23	83	94257	50.65	ug/l	100
31) Cyclohexane	5.59	56	69776	45.82	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	80201	48.04	ug/l	100
36) 1,1-Dichloropropene	5.81	75	68060	45.01	ug/l	100
37) Ethyl Acetate	4.88	43	100992	48.47	ug/l	100
38) Carbon Tetrachloride	5.79	117	67427	43.10	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75723	41.77	ug/l	100
40) Benzene	6.15	78	197872	45.29	ug/l	100
41) Methacrylonitrile	5.07	41	55308	49.67	ug/l	100
42) 1,2-Dichloroethane	6.21	62	84835	48.78	ug/l	100
43) Isopropyl Acetate	6.48	43	160676	51.46	ug/l	100
44) Trichloroethene	7.22	130	52978	42.41	ug/l	100
45) 1,2-Dichloropropane	7.52	63	53602	47.61	ug/l	100
46) Dibromomethane	7.67	93	39841	45.22	ug/l	100
47) Bromodichloromethane	7.91	83	77222	49.62	ug/l	100
48) Methyl methacrylate	7.79	41	78472	51.73	ug/l	100
49) 1,4-Dioxane	7.77	88	33946	1055.64	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	661297	269.91	ug/l	100
52) Toluene	8.79	92	139007	45.26	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	86452	48.04	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	86175	49.26	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	59775	47.12	ug/l	100
56) Ethyl methacrylate	9.19	69	94628	49.05	ug/l	100
57) 1,3-Dichloropropane	9.38	76	98642	48.36	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	195907	217.61	ug/l	100
59) 2-Hexanone	9.51	43	575783	275.48	ug/l	100
60) Dibromochloromethane	9.59	129	62435	48.50	ug/l	100
61) 1,2-Dibromoethane	9.68	107	64180	47.32	ug/l	100
64) Tetrachloroethene	9.34	164	52168	39.89	ug/l	100
65) Chlorobenzene	10.15	112	165944	43.85	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	54938	43.32	ug/l	100
67) Ethyl Benzene	10.26	91	300824	46.62	ug/l	100
68) m/p-Xylenes	10.37	106	232172	91.71	ug/l	100
69) o-Xylene	10.71	106	110774	45.33	ug/l	100
70) Styrene	10.72	104	195190	48.11	ug/l	100
71) Bromoform	10.87	173	48883	43.27	ug/l #	100
73) Isopropylbenzene	11.02	105	311741	43.17	ug/l	100
74) N-amyl acetate	6.48	43	160676	44.17	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	117356	45.55	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	138753	58.53	ug/l	86
77) Bromobenzene	11.26	156	75392	39.29	ug/l	100
78) n-propylbenzene	11.37	91	389412	44.75	ug/l	100
79) 2-Chlorotoluene	11.43	91	219337	43.71	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	280451	45.92	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	32891	45.58	ug/l	100
82) 4-Chlorotoluene	11.52	91	284950	47.14	ug/l	100
83) tert-Butylbenzene	11.78	119	262410	42.85	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	291702	45.55	ug/l	100
85) sec-Butylbenzene	11.95	105	345298	45.30	ug/l	100
86) p-Isopropyltoluene	12.07	119	313787	46.32	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	153742	42.21	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	164881	42.88	ug/l	100
89) n-Butylbenzene	12.40	91	310778	48.62	ug/l	100
90) Hexachloroethane	12.60	117	47684	45.16	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	156880	43.86	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	35202	48.48	ug/l	100

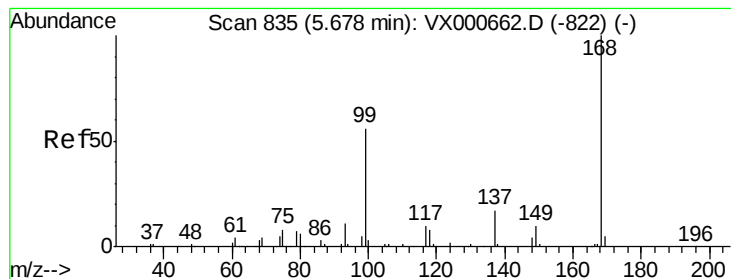
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104937	41.00	ug/l	100
94) Hexachlorobutadiene	13.79	225	39188	37.63	ug/l	100
95) Naphthalene	13.84	128	395368	44.32	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	104479	41.49	ug/l	100

(#) = 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: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

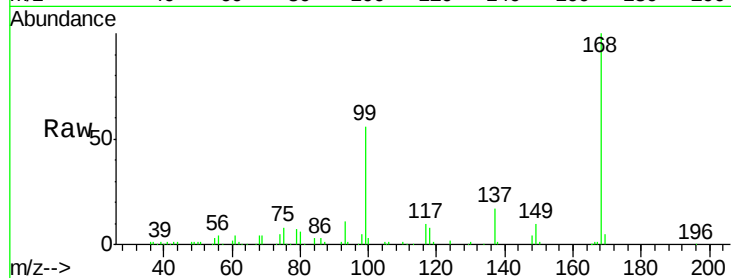
VSTDICCC050

Tot Ion:168 Resp: 94049

Ion Ratio Lower Upper

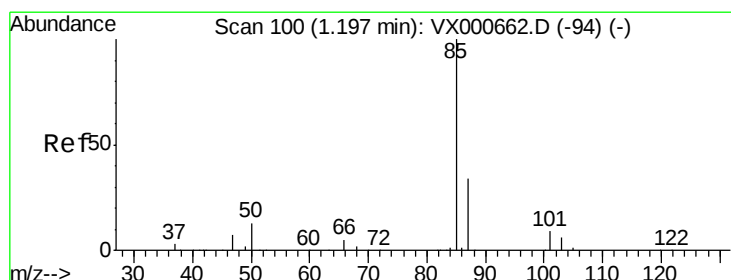
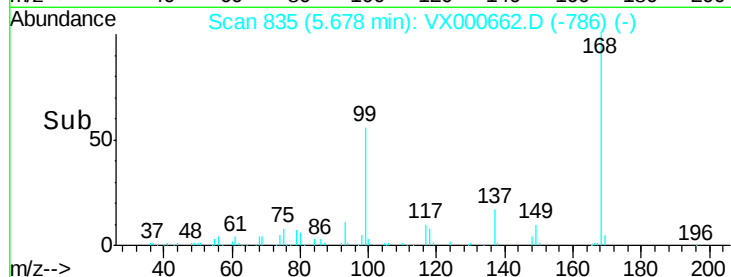
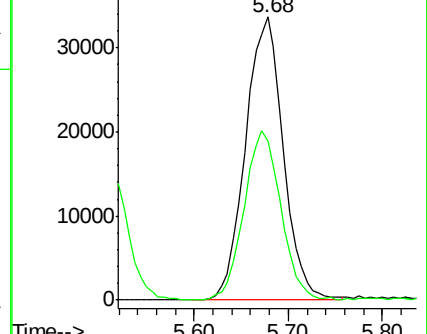
168 100

99 55.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 55.19 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000662.D

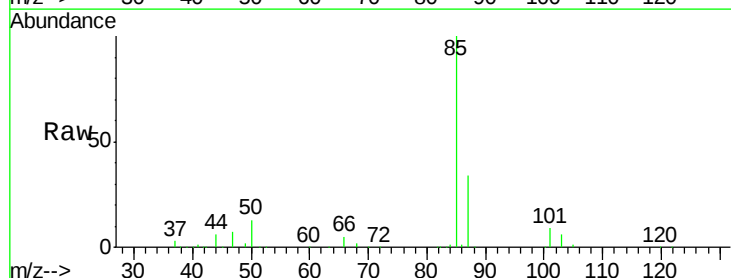
Acq: 04 Apr 2018 17:18

Tgt Ion: 85 Resp: 58774

Ion Ratio Lower Upper

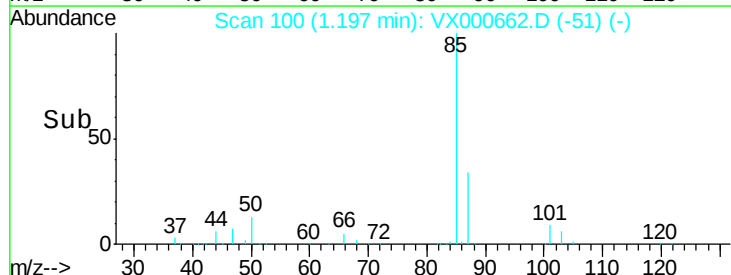
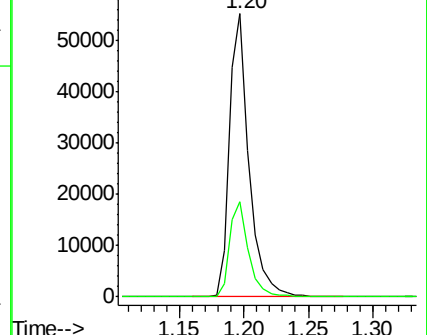
85 100

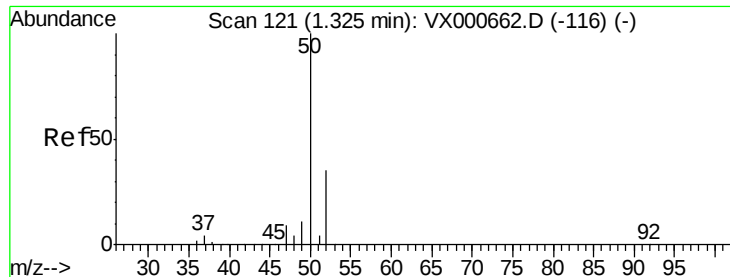
87 33.8 16.9 50.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.10 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

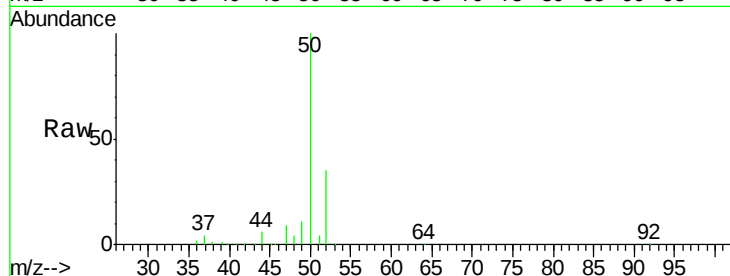
VSTDICCC050

Tot Ion: 50 Resp: 47566

Ion Ratio Lower Upper

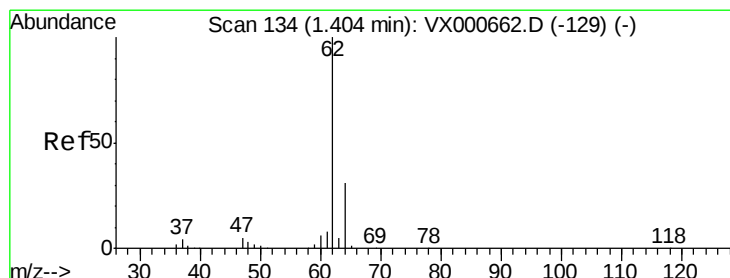
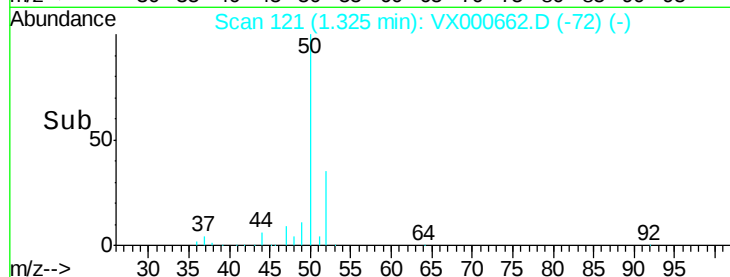
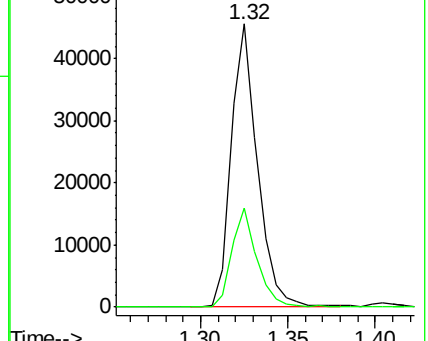
50 100

52 35.0 28.0 42.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 56.78 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX000662.D

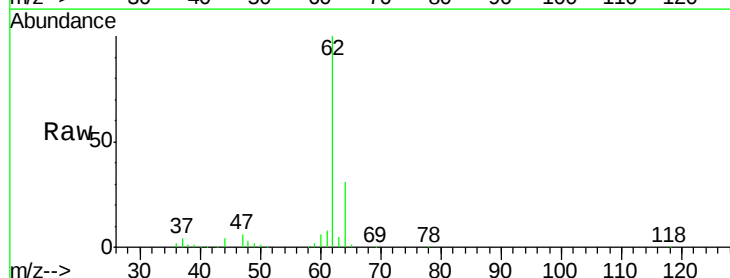
Acq: 04 Apr 2018 17:18

Tgt Ion: 62 Resp: 67601

Ion Ratio Lower Upper

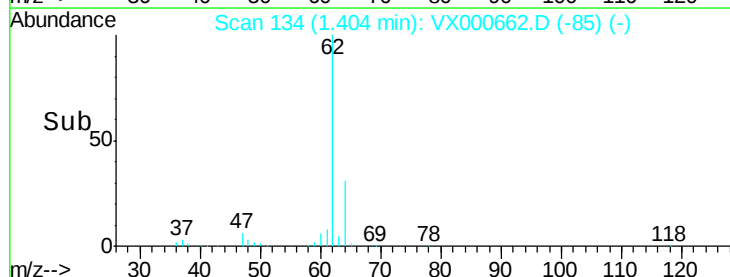
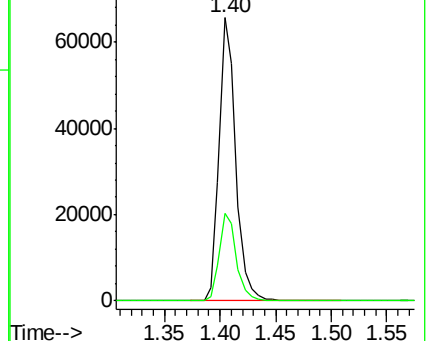
62 100

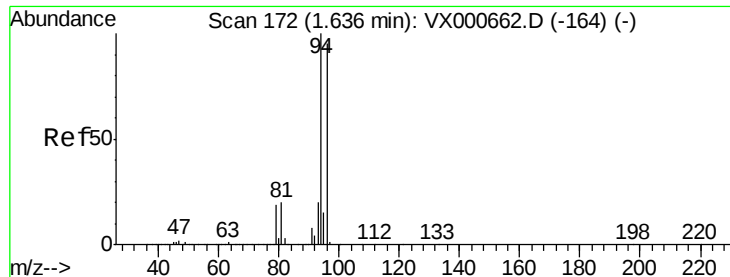
64 30.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.74 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

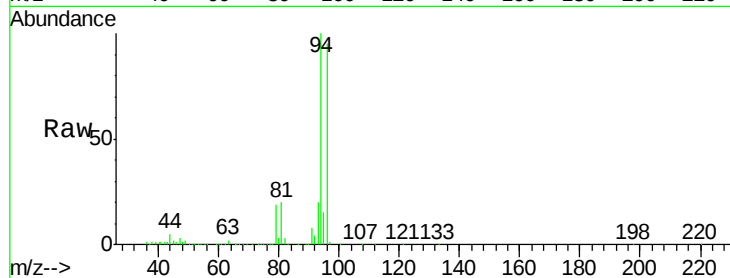
VSTDICCC050

Tot Ion: 94 Resp: 69528

Ion Ratio Lower Upper

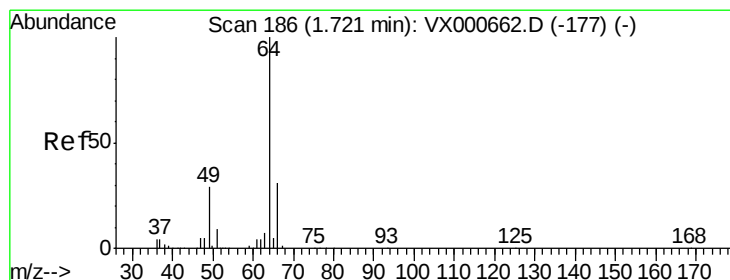
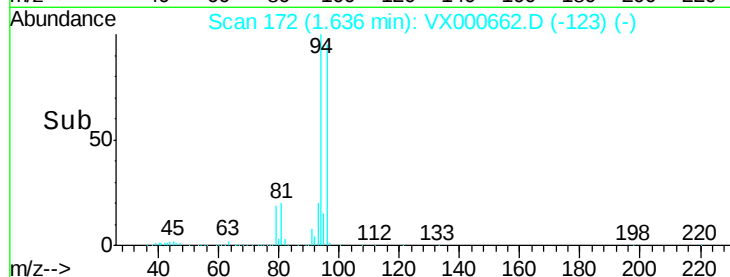
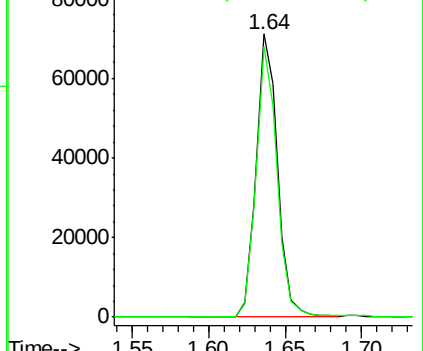
94 100

96 95.4 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: 52.83 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX000662.D

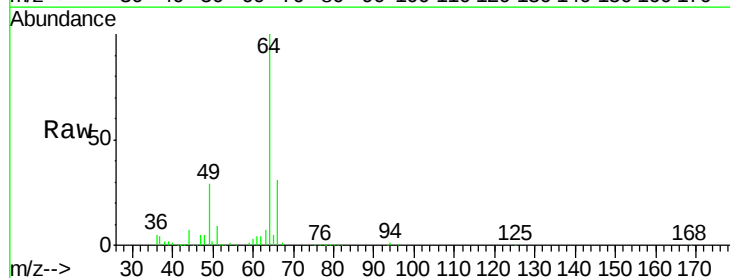
Acq: 04 Apr 2018 17:18

Tgt Ion: 64 Resp: 47291

Ion Ratio Lower Upper

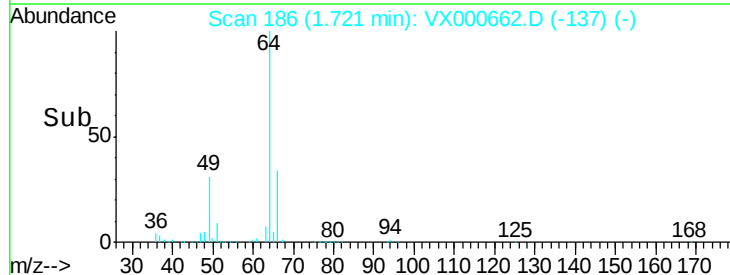
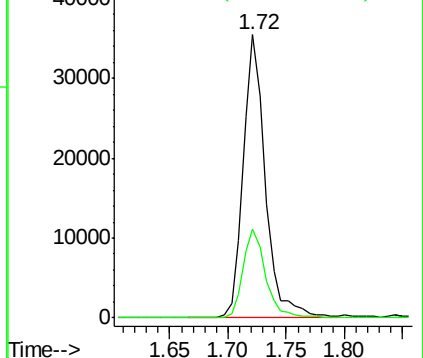
64 100

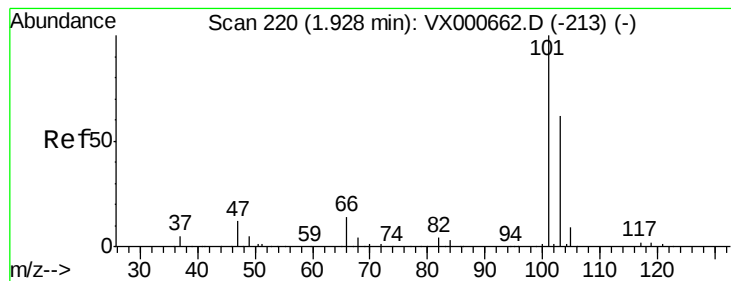
66 31.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



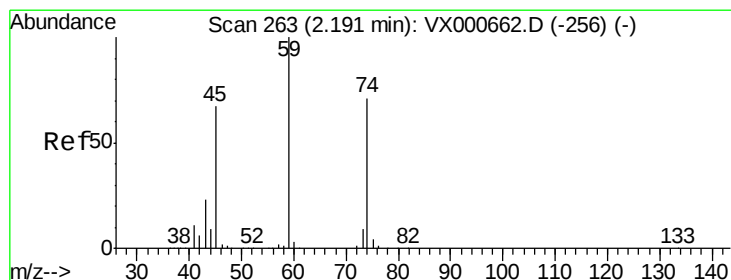
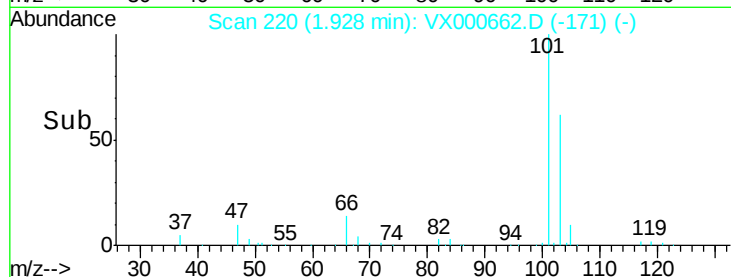
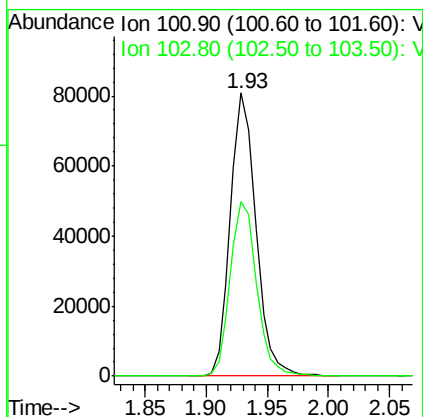
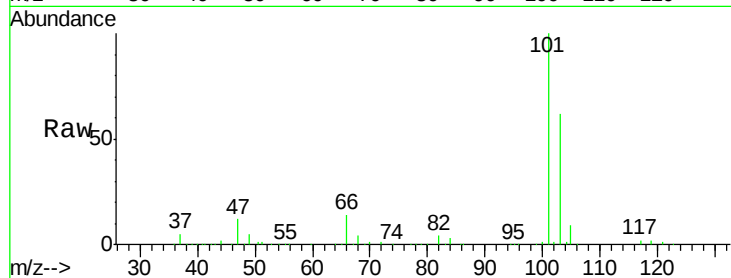


#7

Trichlorofluoromethane
 Concen: 54.88 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

Instrument :
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 VSTDICCC050

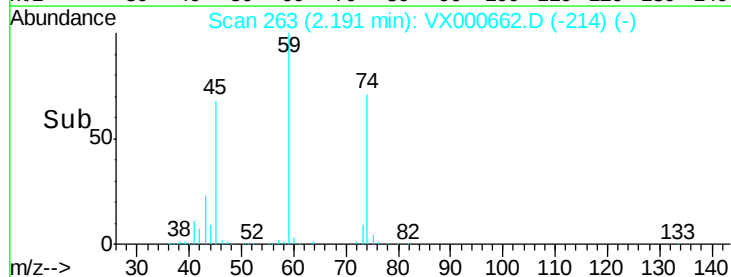
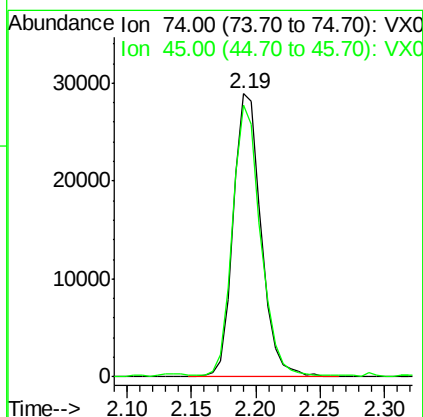
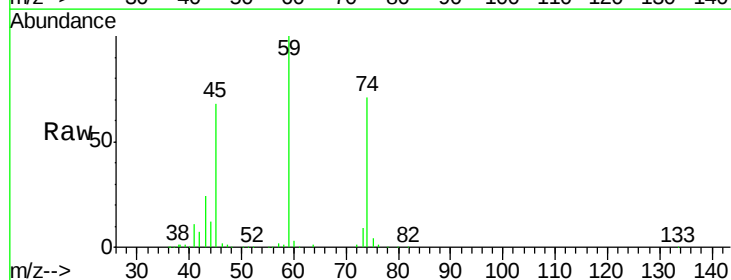
Tot Ion:101 Resp: 117216
 Ion Ratio Lower Upper
 101 100
 103 61.7 49.4 74.0

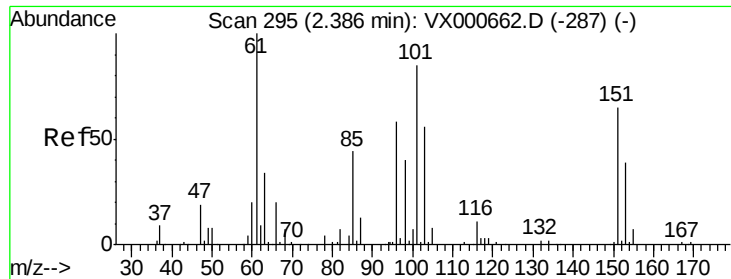


#8

Diethyl Ether
 Concen: 56.55 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

Tgt Ion: 74 Resp: 43504
 Ion Ratio Lower Upper
 74 100
 45 95.8 47.9 143.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.59 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

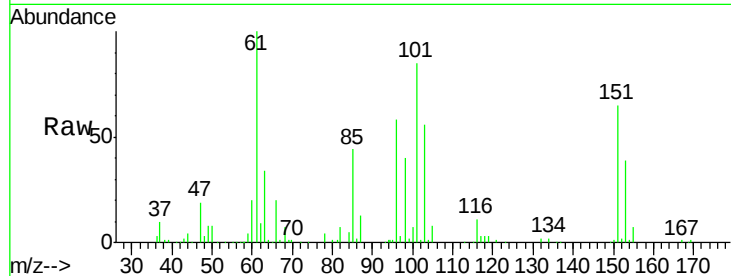
Tot Ion:101 Resp: 63759

Ion Ratio Lower Upper

101 100

85 50.0 40.0 60.0

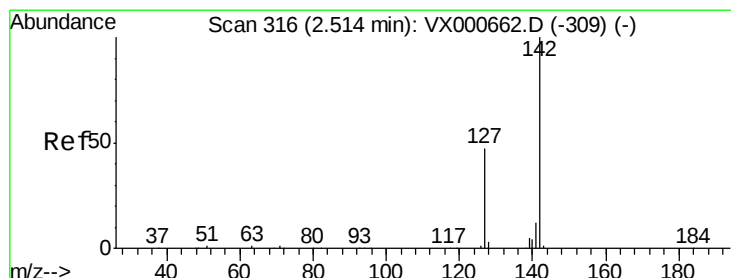
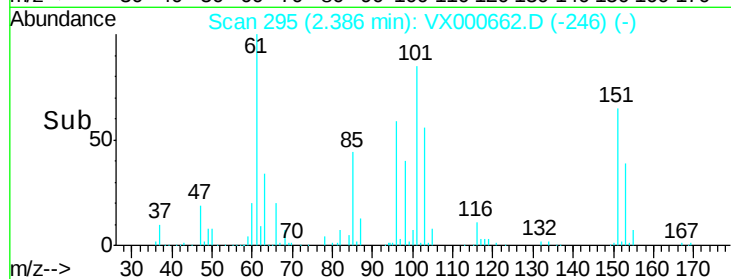
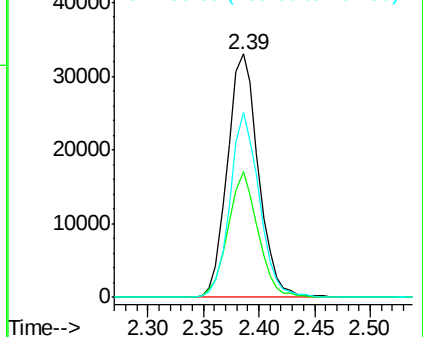
151 71.8 57.4 86.2



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: 41.01 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

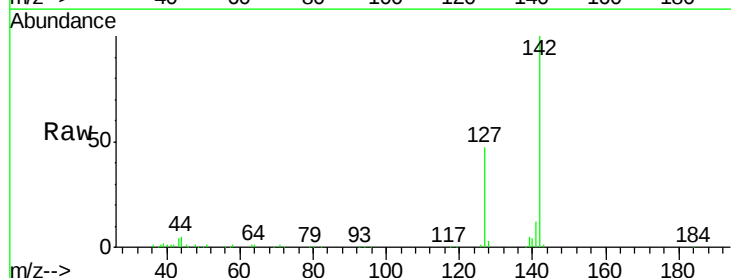
Tgt Ion:142 Resp: 39185

Ion Ratio Lower Upper

142 100

127 50.9 40.7 61.1

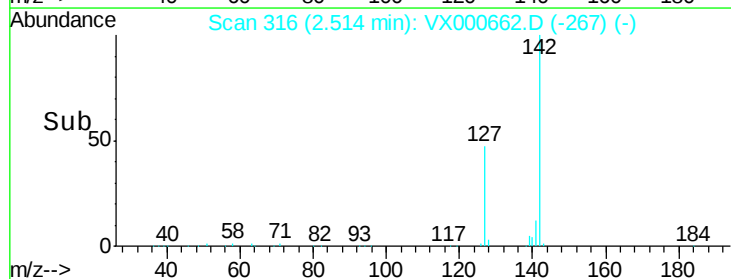
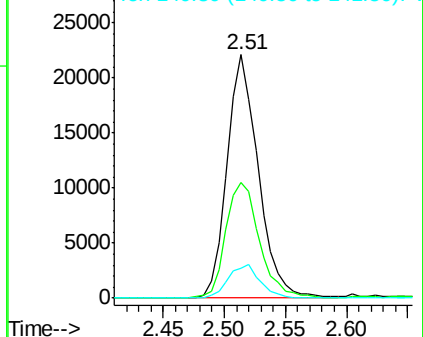
141 13.9 11.1 16.7

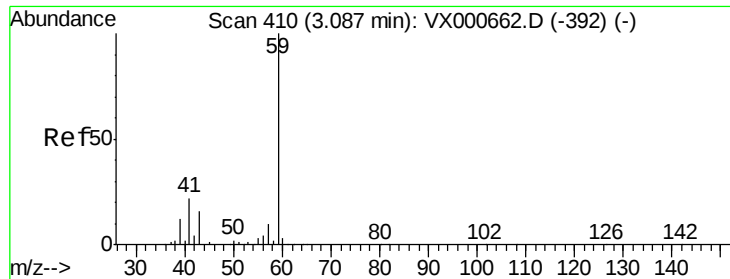


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



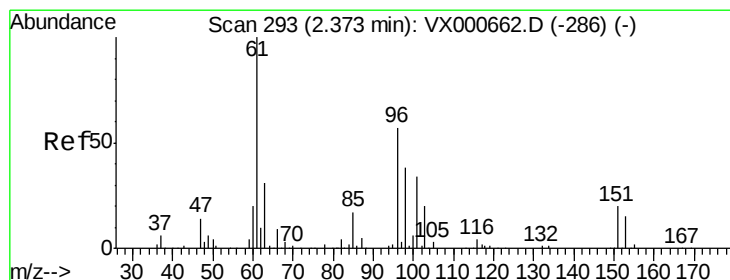
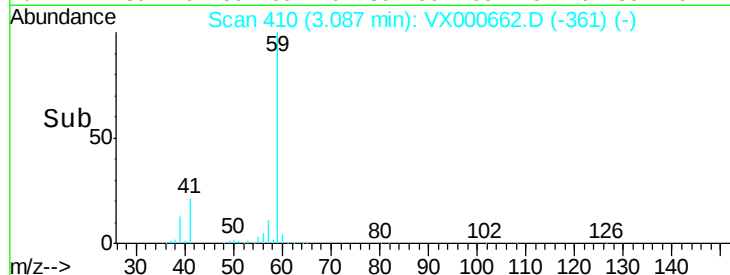
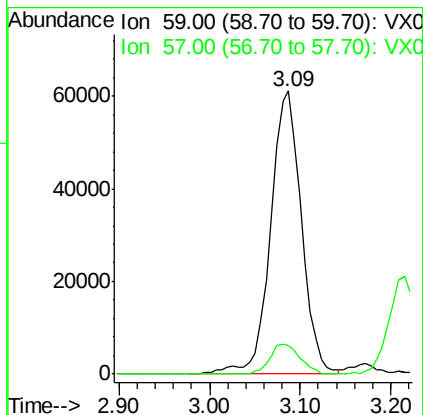
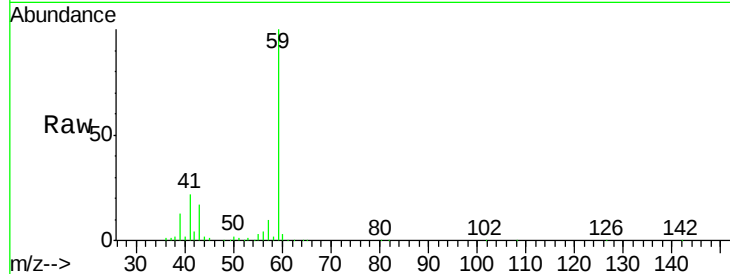


#11

Tert butyl alcohol
 Concen: 318.29 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

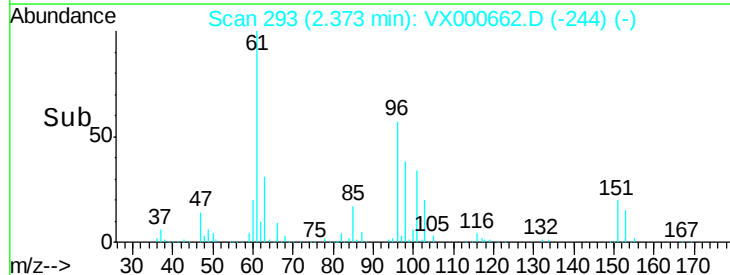
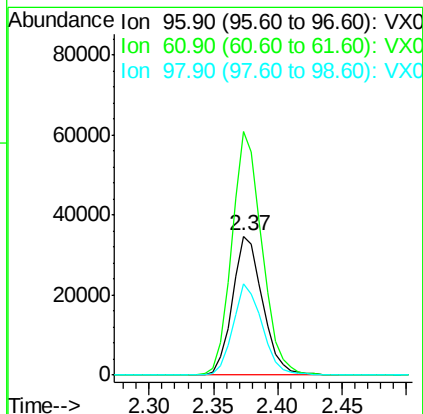
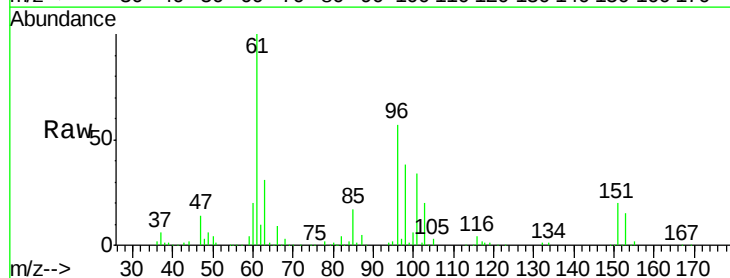
Tot Ion: 59 Resp: 143796
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.5 12.7

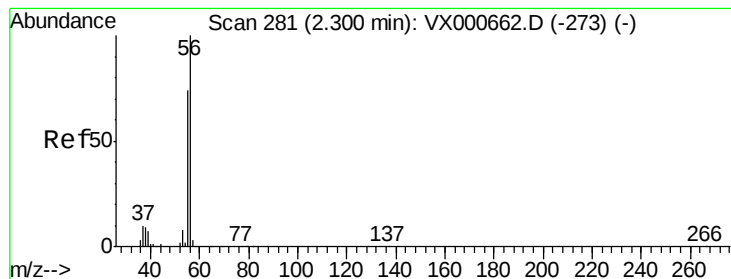


#12

1,1-Dichloroethene
 Concen: 54.85 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

Tgt Ion: 96 Resp: 56919
 Ion Ratio Lower Upper
 96 100
 61 175.2 140.2 210.2
 98 65.8 52.6 79.0





#13

Acrolein

Concen: 474.73 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

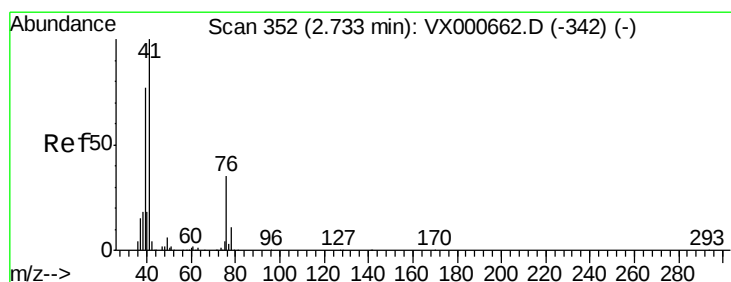
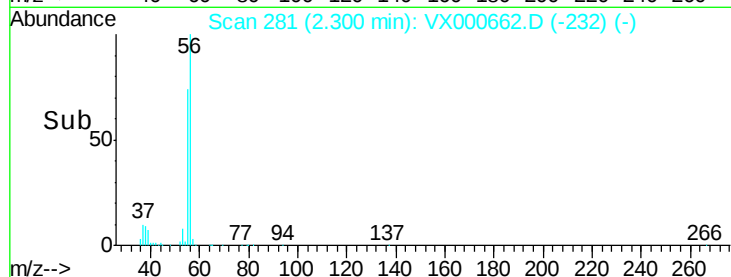
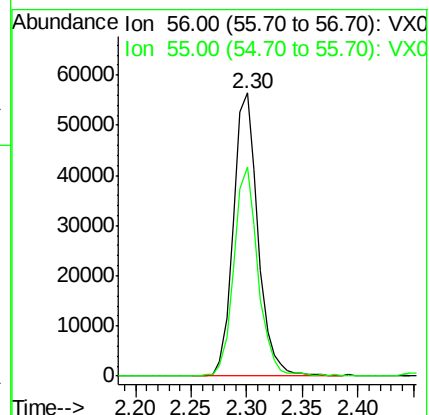
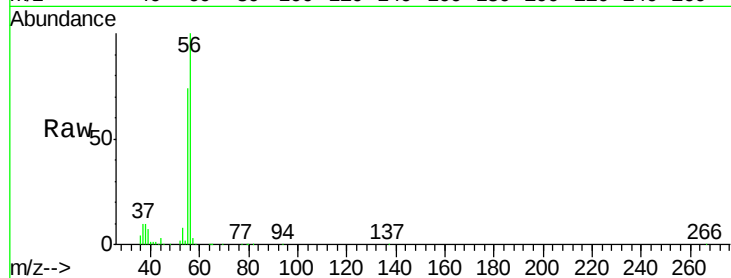
VSTDICCC050

Tot Ion: 56 Resp: 86420

Ion Ratio Lower Upper

56 100

55 72.6 58.1 87.1



#14

Allyl chloride

Concen: 57.89 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

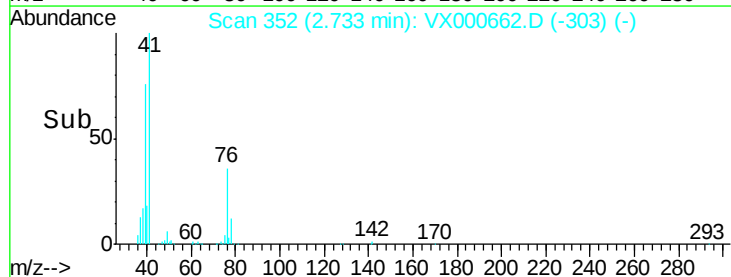
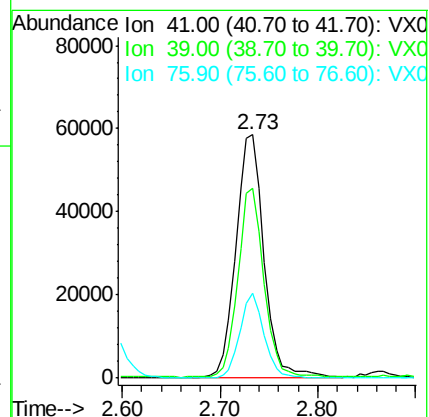
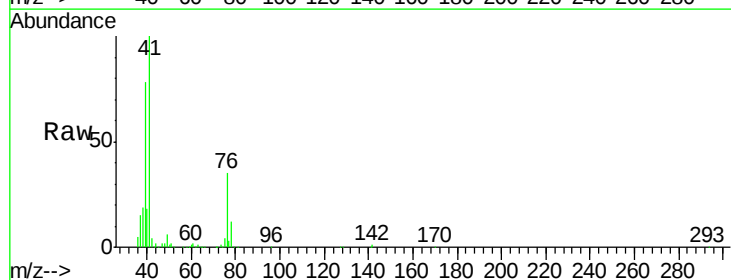
Tgt Ion: 41 Resp: 117828

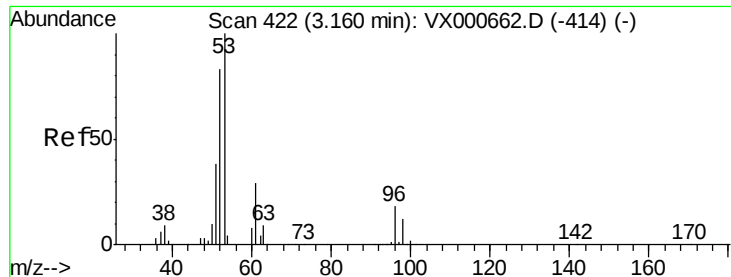
Ion Ratio Lower Upper

41 100

39 71.3 57.0 85.6

76 29.9 23.9 35.9





#15

Acrylonitrile

Concen: 307.09 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

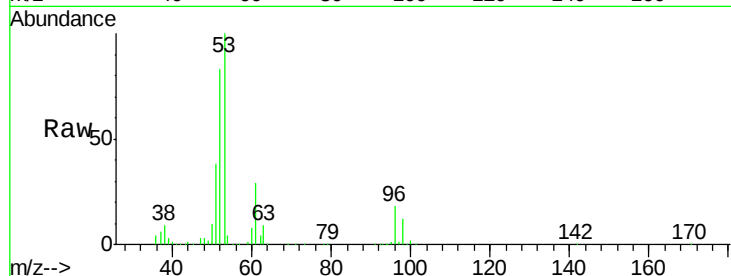
Tot Ion: 53 Resp: 276424

Ion Ratio Lower Upper

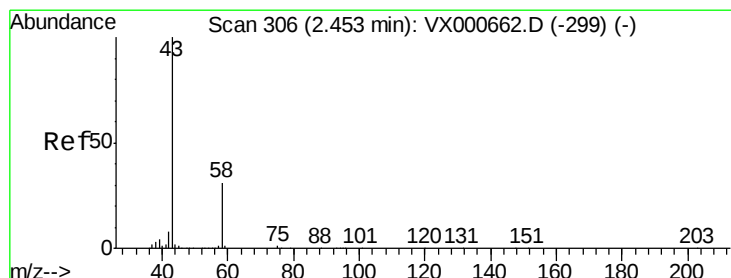
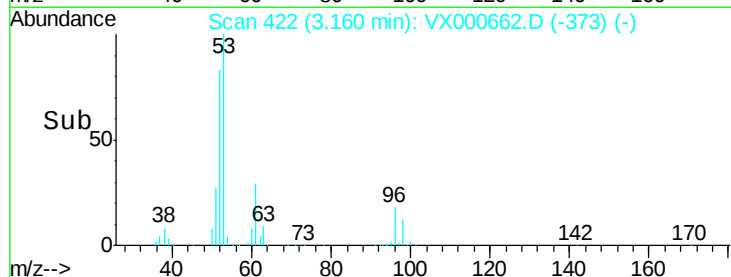
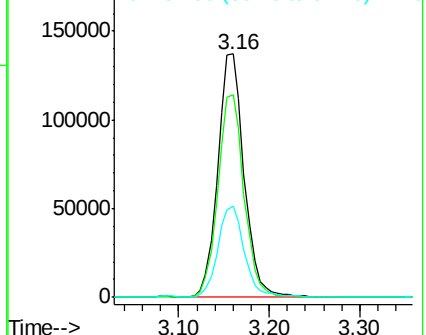
53 100

52 83.1 66.5 99.7

51 38.3 30.6 46.0



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



#16

Acetone

Concen: 279.42 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000662.D

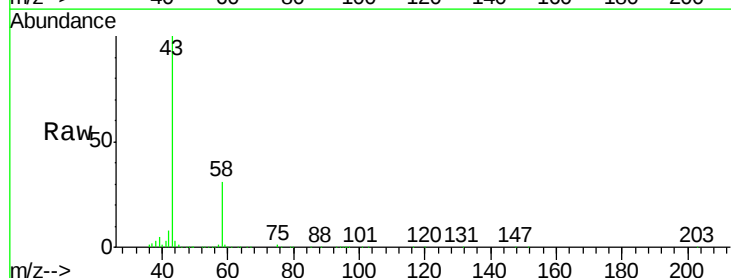
Acq: 04 Apr 2018 17:18

Tgt Ion: 43 Resp: 293130

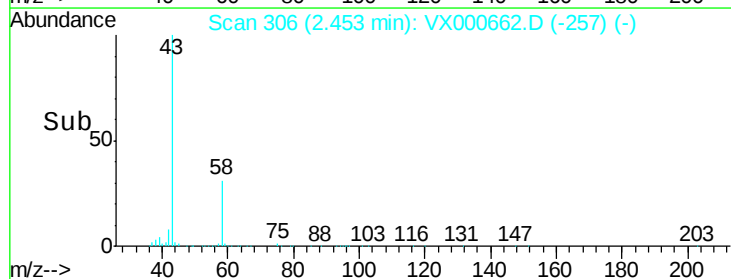
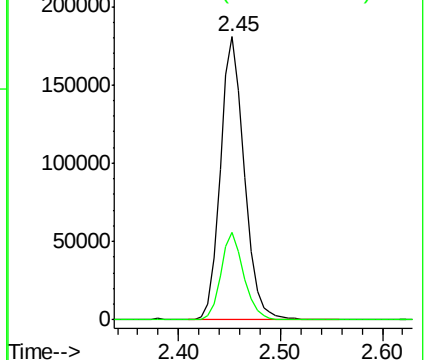
Ion Ratio Lower Upper

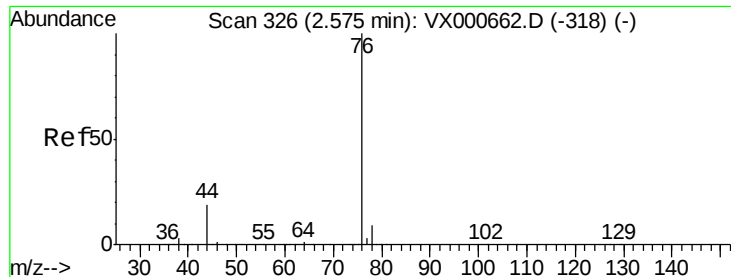
43 100

58 30.9 24.7 37.1



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

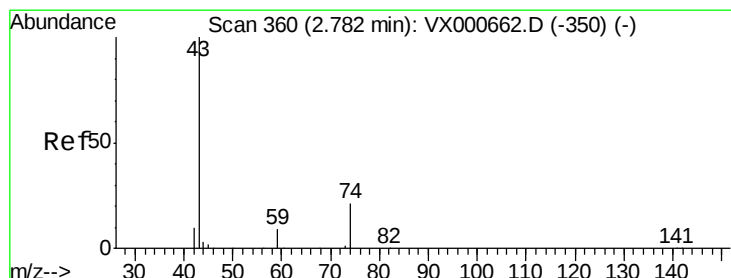
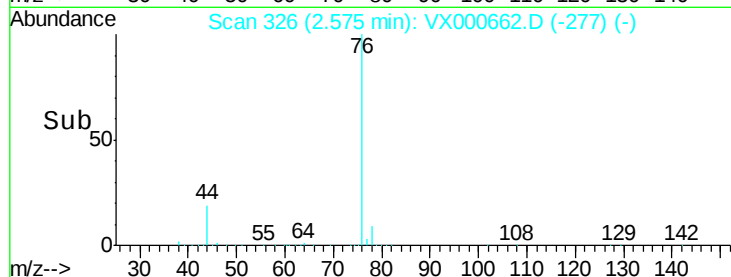
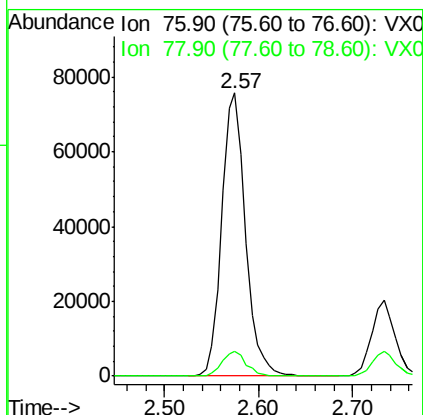
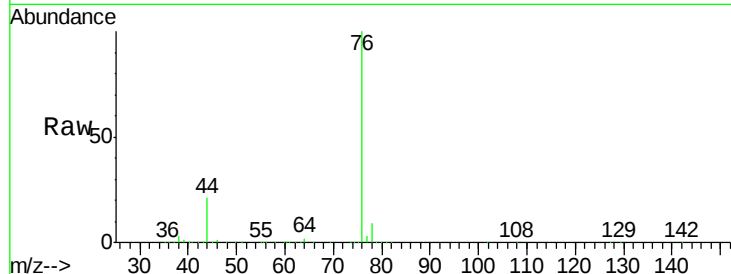




#17
Carbon Disulfide
Concen: 44.71 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

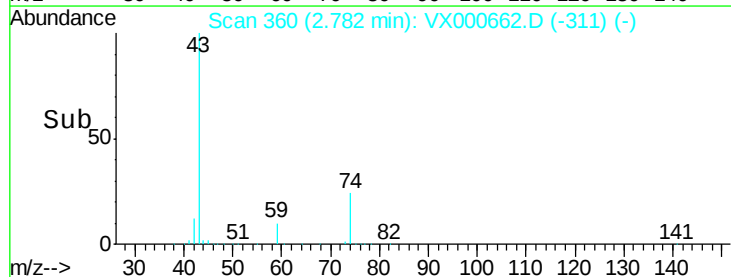
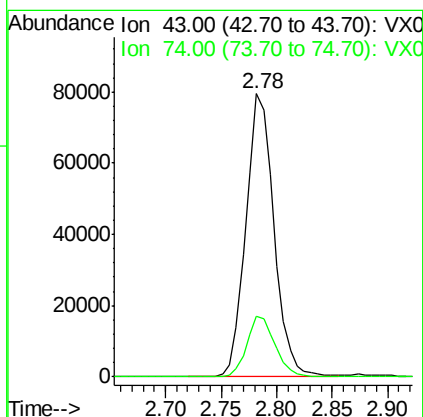
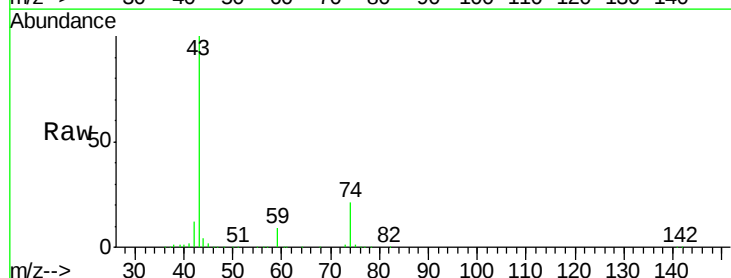
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

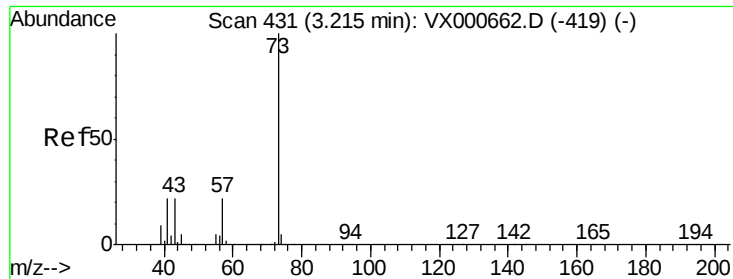
Tot Ion: 76 Resp: 132135
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 61.97 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

Tgt Ion: 43 Resp: 139609
Ion Ratio Lower Upper
43 100
74 21.2 17.0 25.4

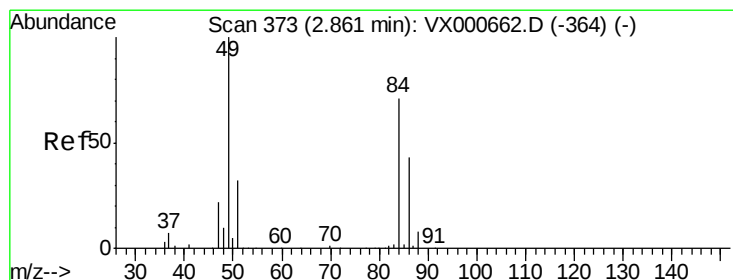
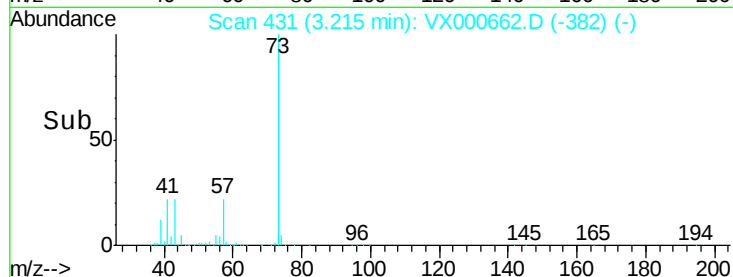
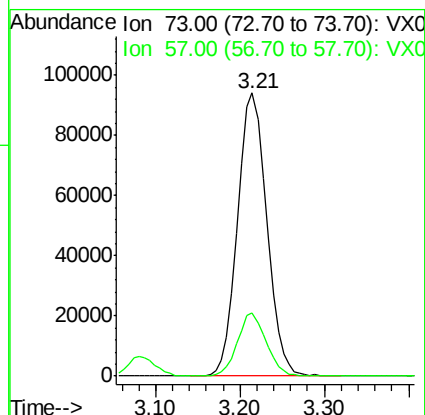
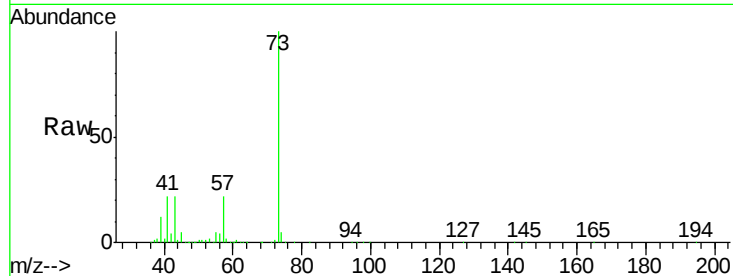




#19
Methvl tert-butvl Ether
Concen: 56.96 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

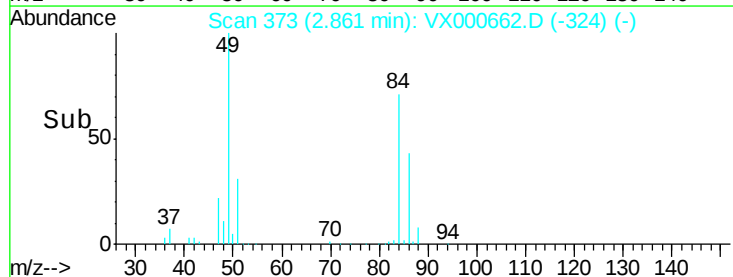
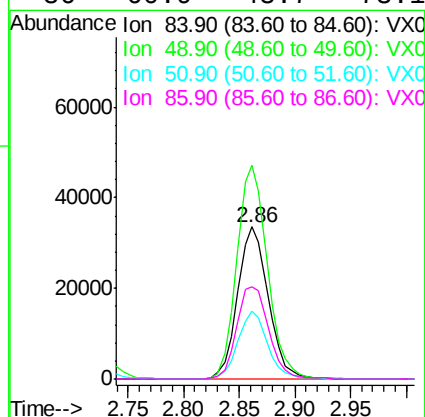
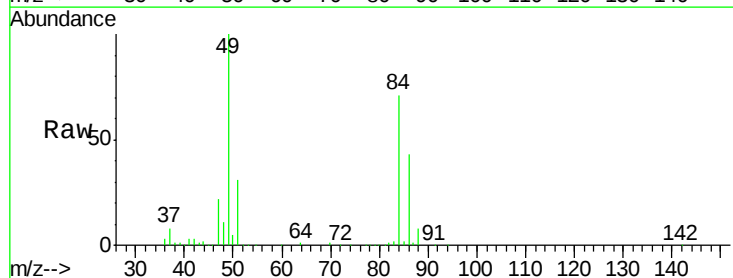
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

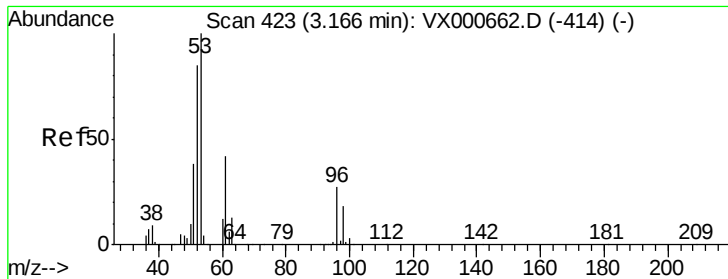
Tot Ion: 73 Resp: 221129
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.6



#20
Methylene Chloride
Concen: 53.36 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

Tgt Ion: 84 Resp: 64356
Ion Ratio Lower Upper
84 100
49 140.1 112.1 168.1
51 44.2 35.4 53.0
86 60.9 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 52.22 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

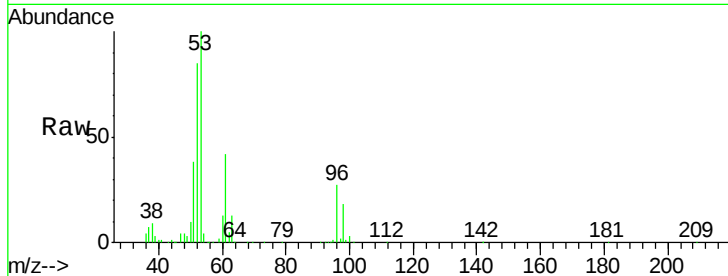
Tot Ion: 96 Resp: 60372

Ion Ratio Lower Upper

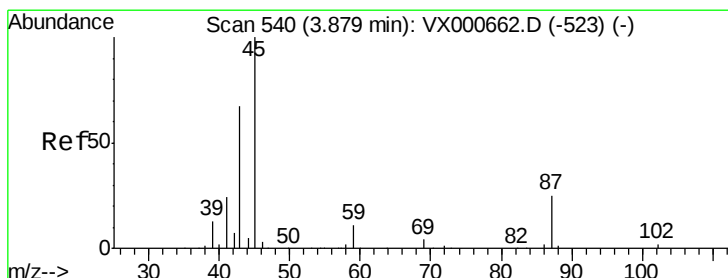
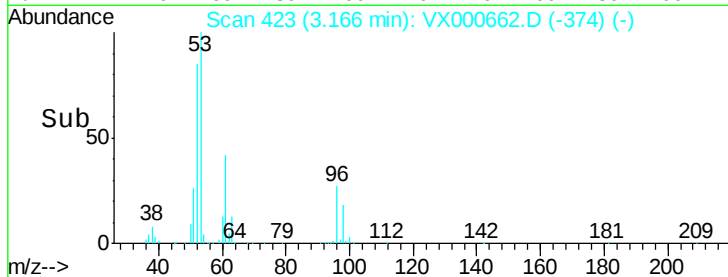
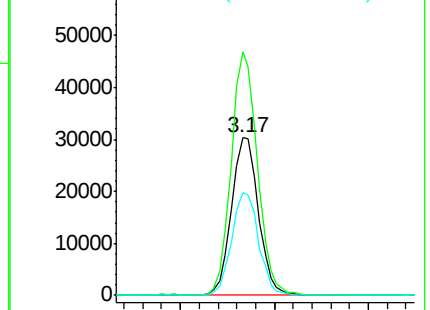
96 100

61 154.4 123.5 185.3

98 64.9 51.9 77.9



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



#22

Diisopropyl ether

Concen: 47.10 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Tgt Ion: 45 Resp: 150743

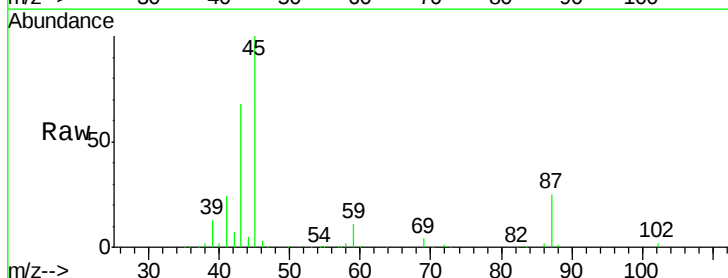
Ion Ratio Lower Upper

45 100

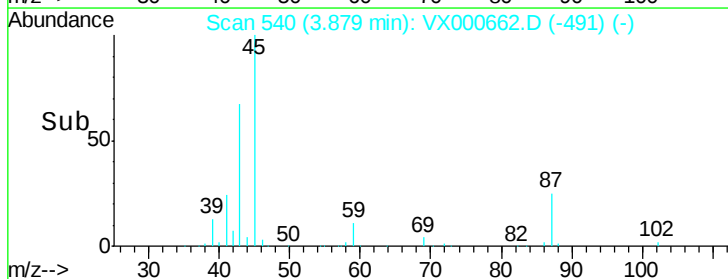
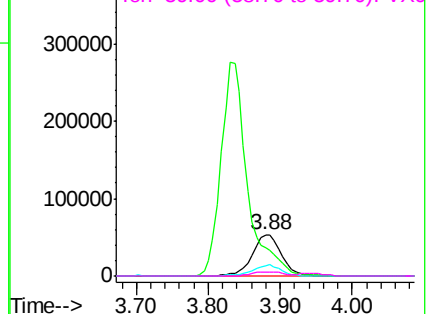
43 67.3 53.8 80.8

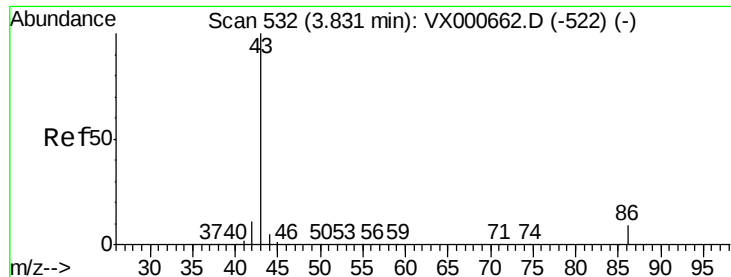
87 24.7 19.8 29.6

59 10.7 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 239.07 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

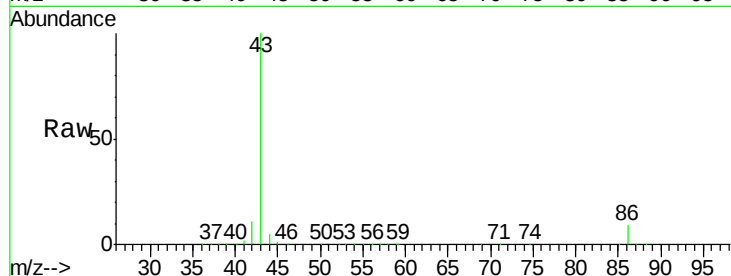
VSTDICCC050

Tot Ion: 43 Resp: 710492

Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

250000

200000

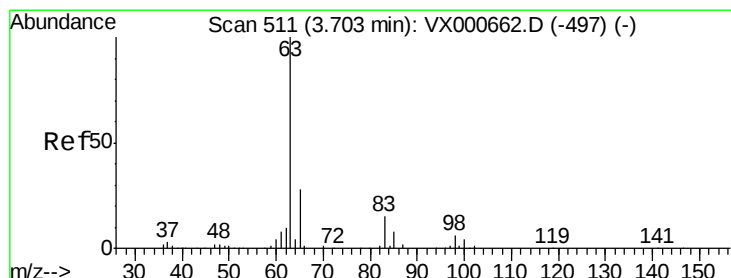
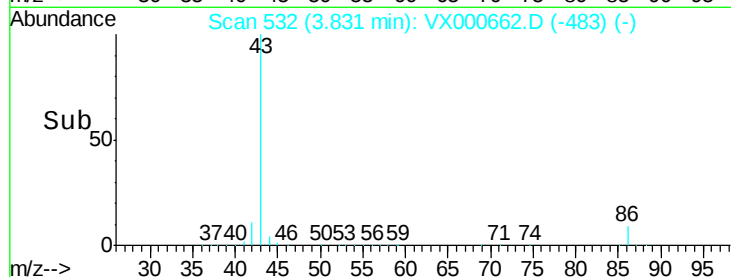
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 56.08 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

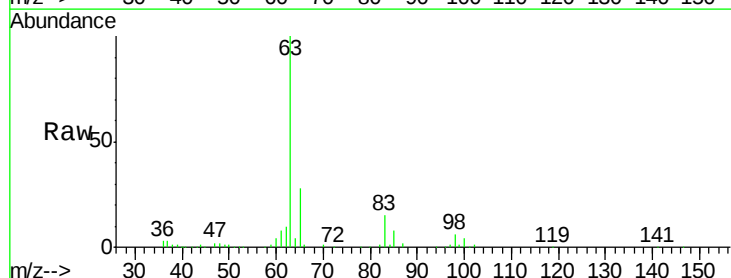
Tgt Ion: 63 Resp: 114789

Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.0

100 4.1 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

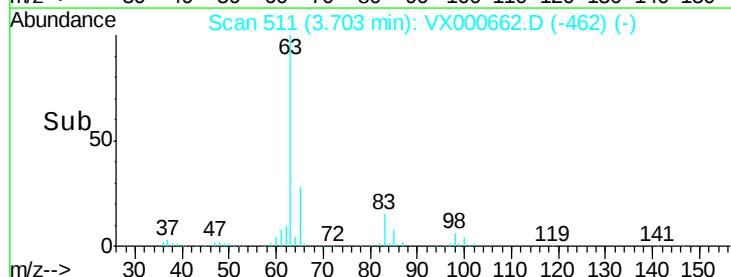
60000

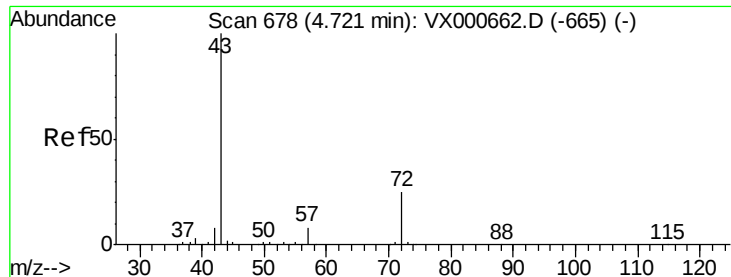
40000

20000

0

Time-->

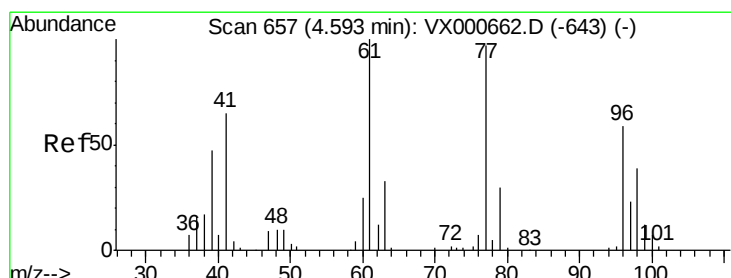
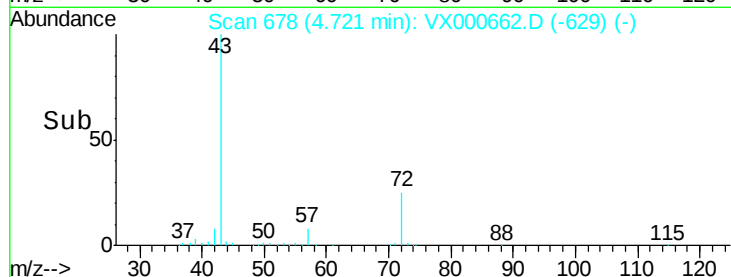
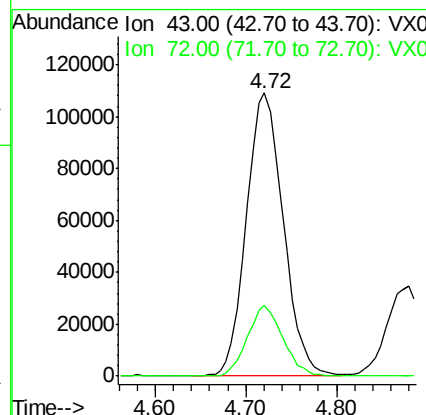
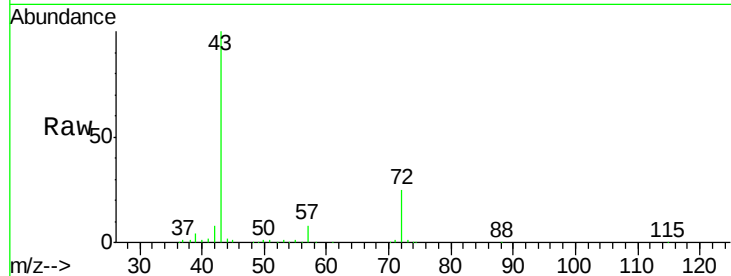




#25
2-Butanone
Concen: 264.64 ug/l
RT: 4.72 min Scan# 678
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

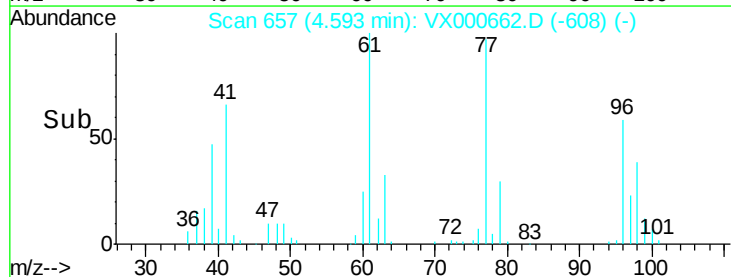
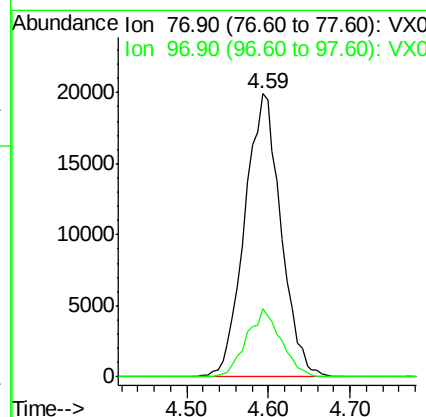
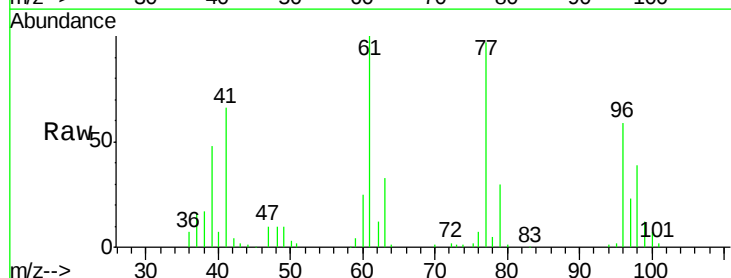
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

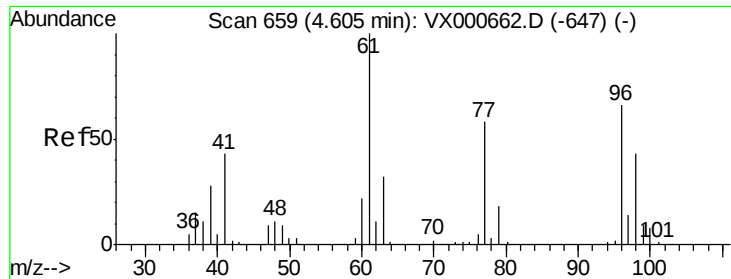
Tot Ion: 43 Resp: 306869
Ion Ratio Lower Upper
43 100
72 25.0 20.0 30.0



#26
2,2-Dichloropropane
Concen: 45.13 ug/l
RT: 4.59 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

Tgt Ion: 77 Resp: 61617
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 45.74 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

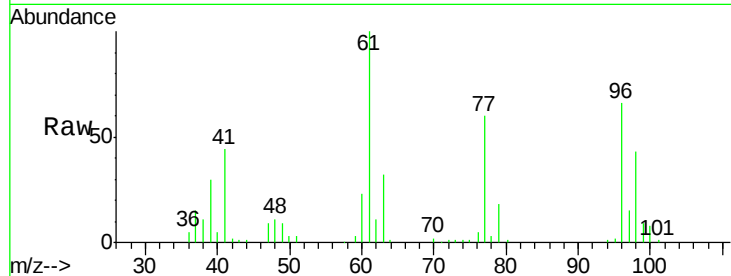
Tot Ion: 96 Resp: 47841

Ion Ratio Lower Upper

96 100

61 154.7 0.0 309.4

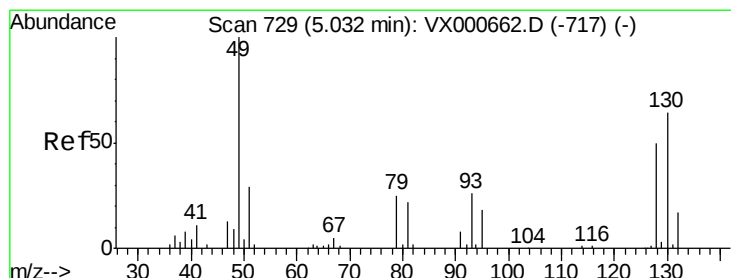
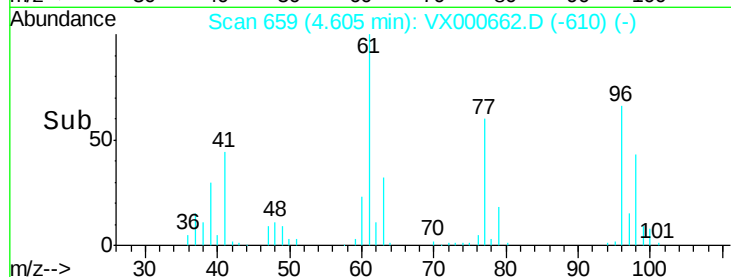
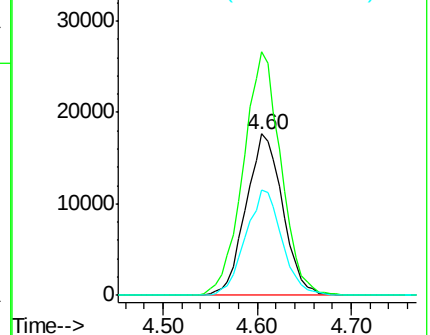
98 64.6 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 54.05 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

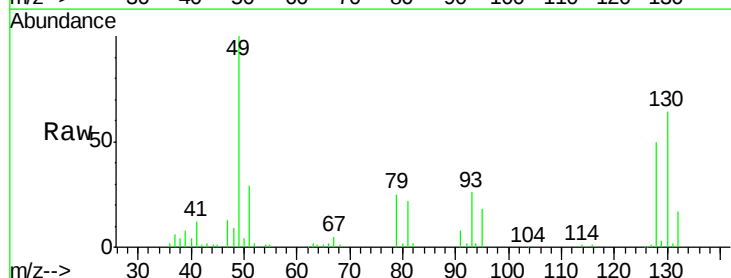
Tgt Ion: 49 Resp: 44454

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

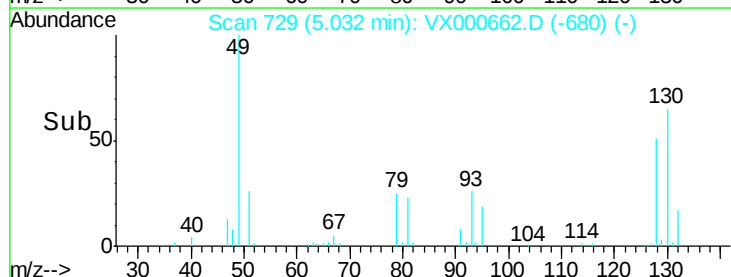
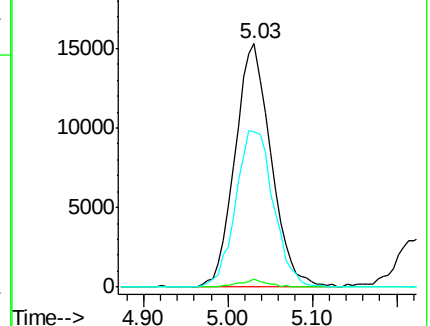
130 67.2 53.8 80.6

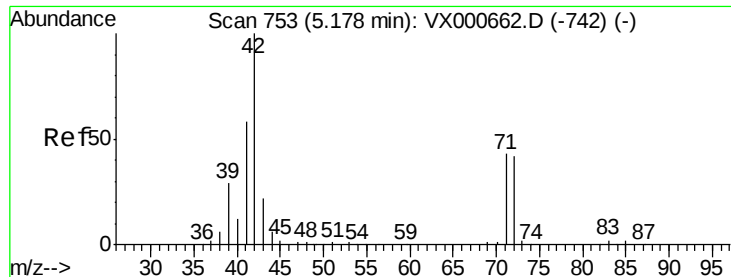


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

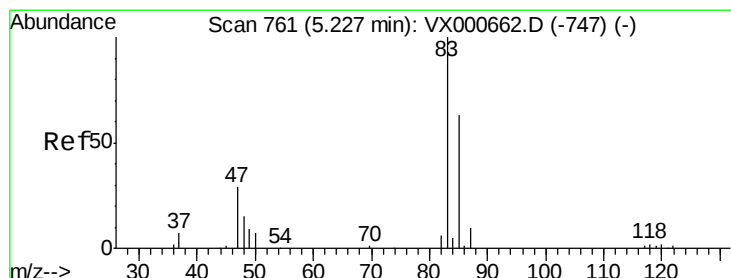
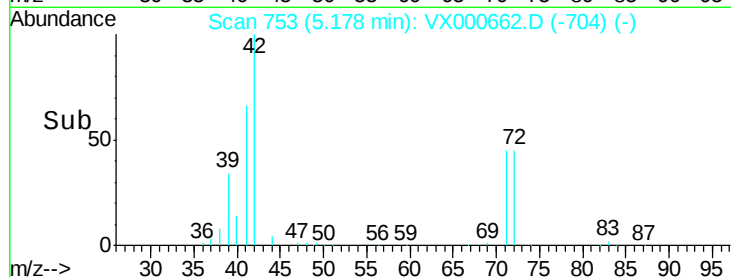
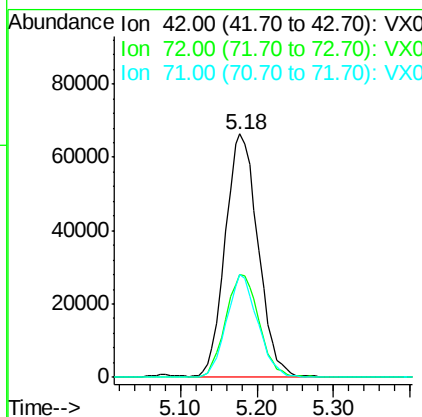
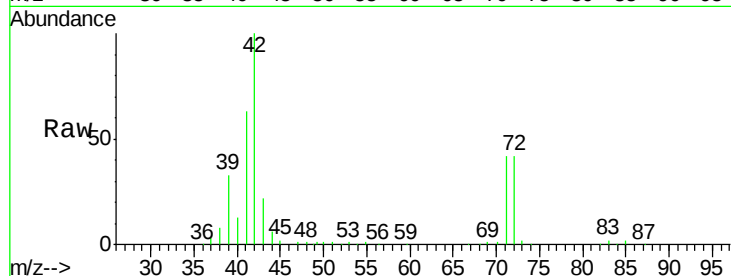




#29
Tetrahydrofuran
Concen: 275.00 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

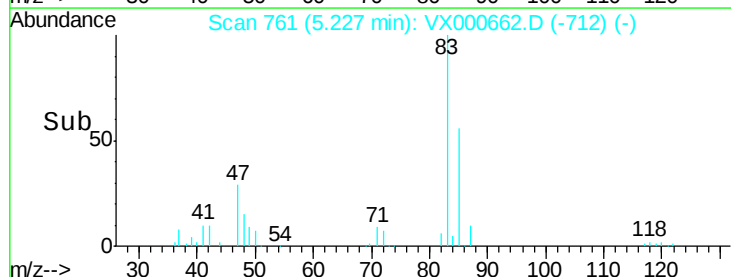
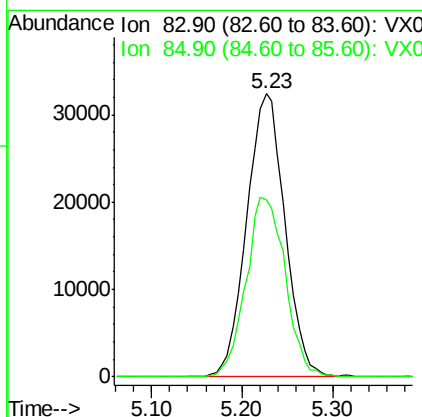
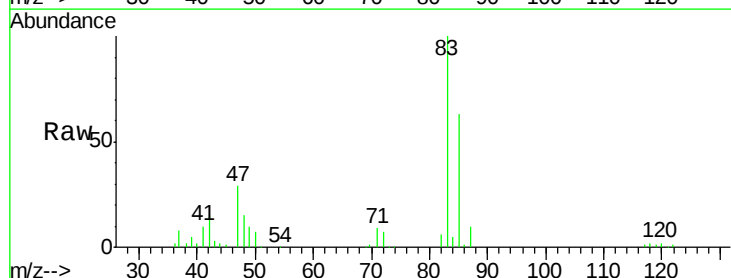
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

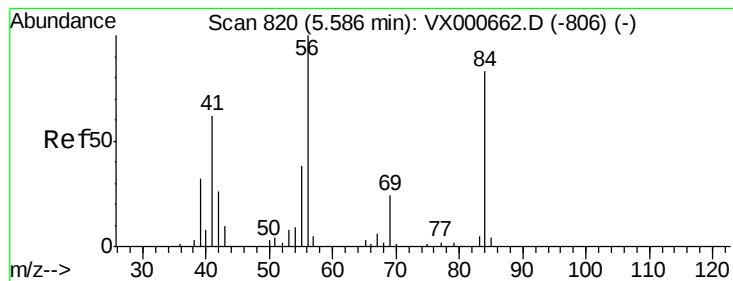
Tot Ion: 42 Resp: 196903
Ion Ratio Lower Upper
42 100
72 43.1 34.5 51.7
71 40.2 32.2 48.2



#30
Chloroform
Concen: 50.65 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

Tgt Ion: 83 Resp: 94257
Ion Ratio Lower Upper
83 100
85 62.8 50.2 75.4





#31

Cyclohexane

Concen: 45.82 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

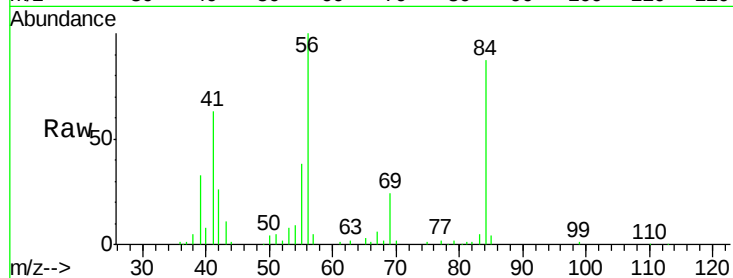
Tot Ion: 56 Resp: 69776

Ion Ratio Lower Upper

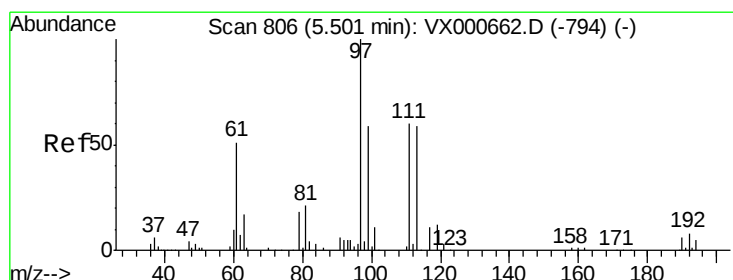
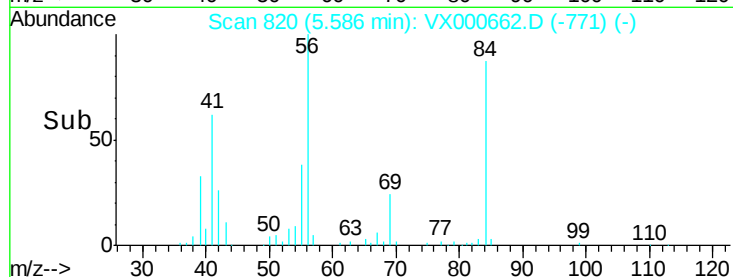
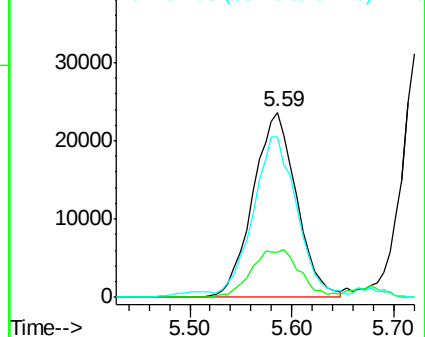
56 100

69 24.2 19.4 29.0

84 83.5 66.8 100.2



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



#32

1,1,1-Trichloroethane

Concen: 48.04 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

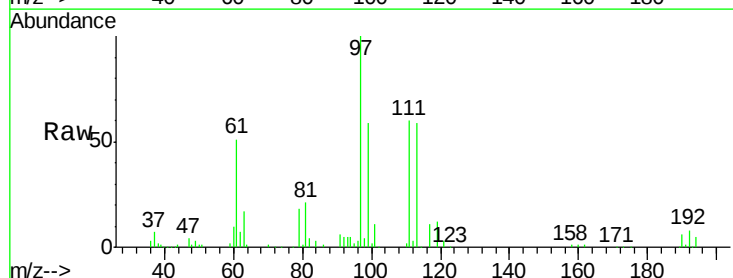
Tgt Ion: 97 Resp: 80201

Ion Ratio Lower Upper

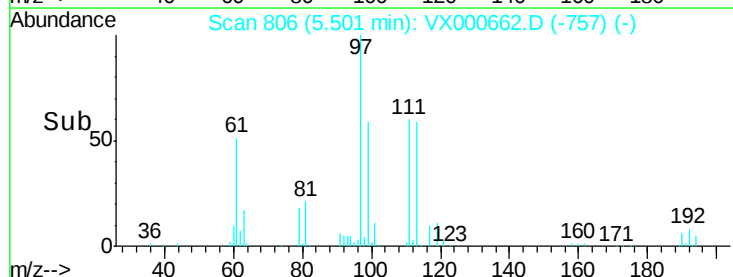
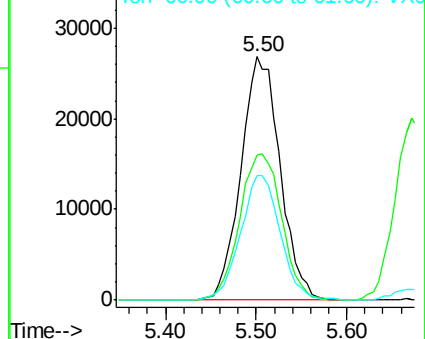
97 100

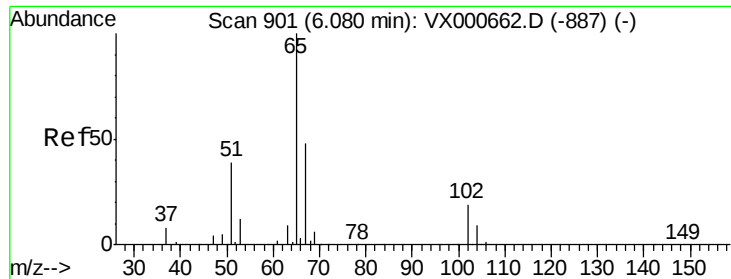
99 64.6 51.7 77.5

61 51.8 41.4 62.2



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

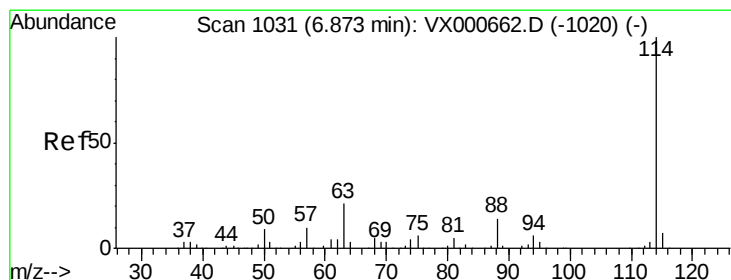
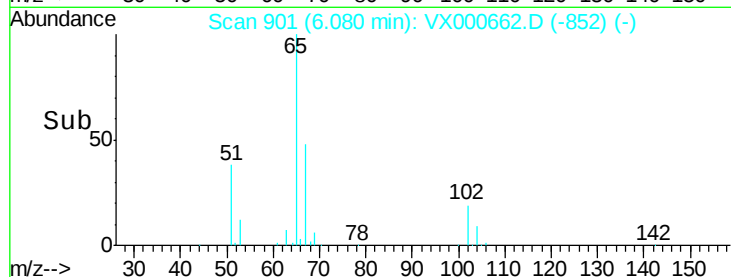
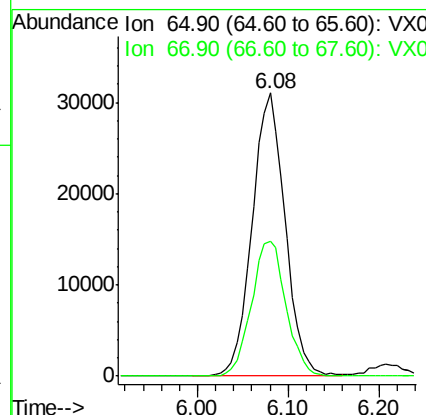
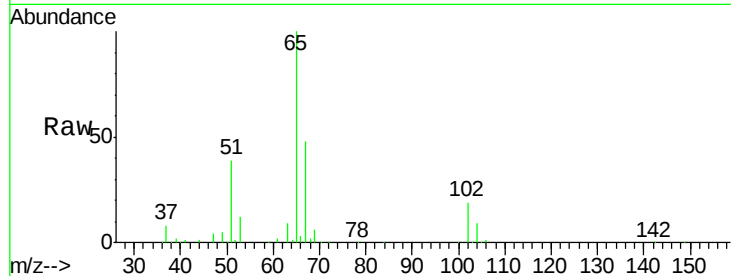




#33
 1,2-Dichloroethane-d4
 Concen: 60.96 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

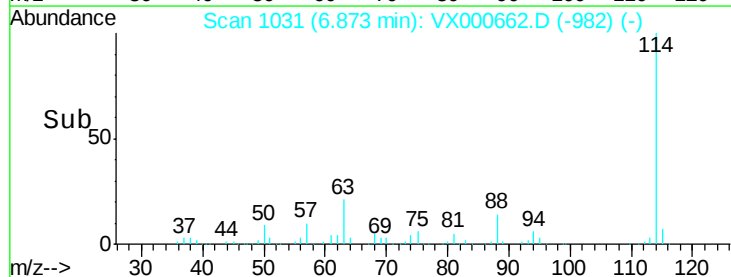
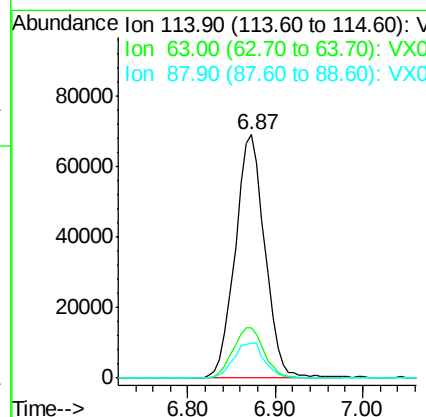
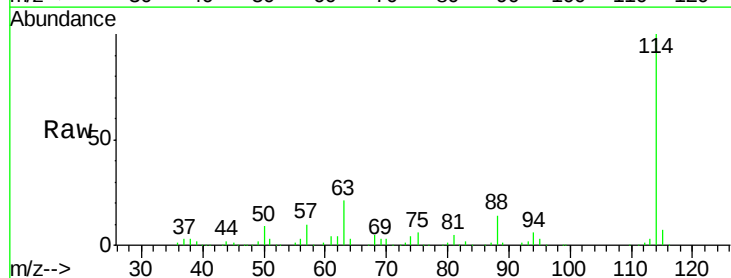
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

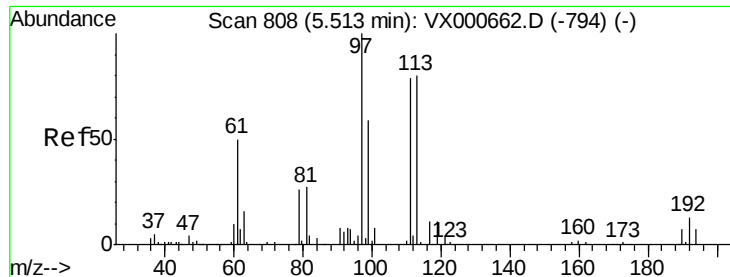
Tot Ion: 65 Resp: 77935
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

Tgt Ion: 114 Resp: 163339
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.6
 88 14.3 0.0 28.6

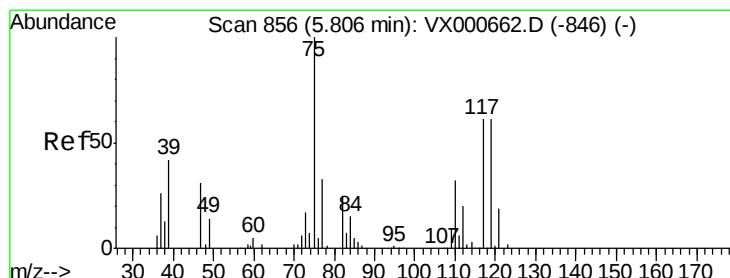
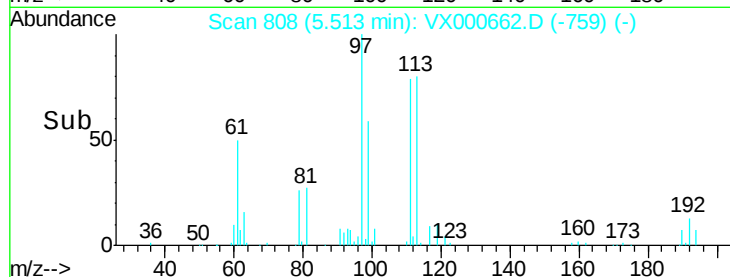
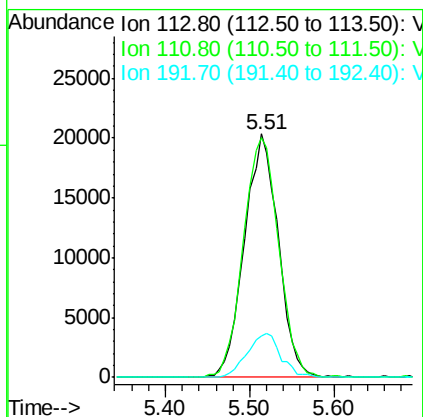
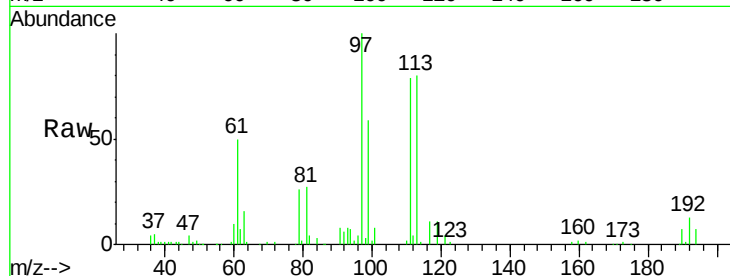




#35
 Dibromofluoromethane
 Concen: 53.52 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

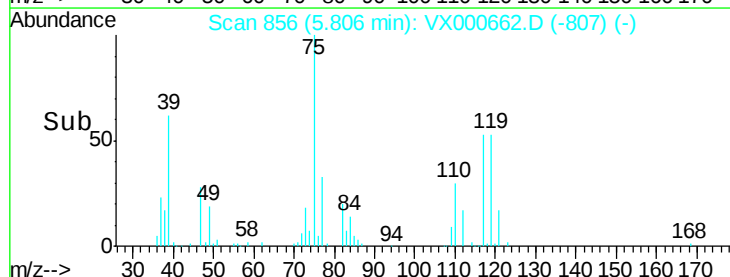
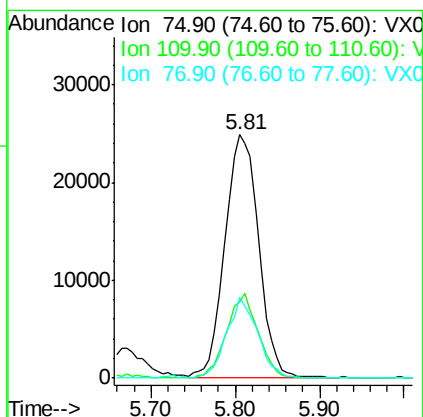
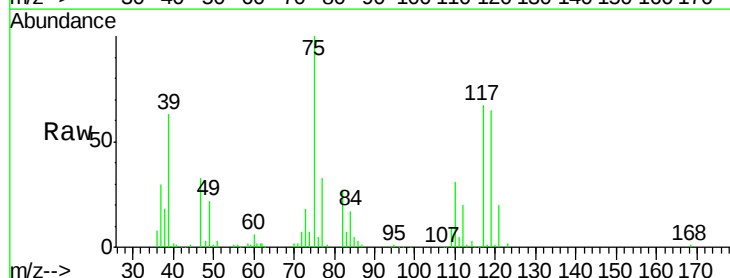
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

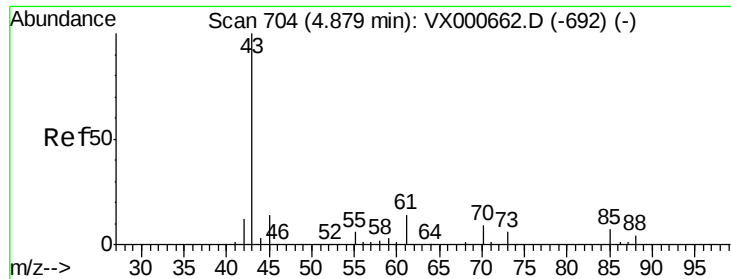
Tot Ion:113 Resp: 55439
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.0 123.0
 192 17.9 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 45.01 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

Tgt Ion: 75 Resp: 68060
 Ion Ratio Lower Upper
 75 100
 110 32.6 16.3 48.9
 77 30.4 24.3 36.5





#37

Ethyl Acetate

Concen: 48.47 ug/l

RT: 4.88 min Scan# 704

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

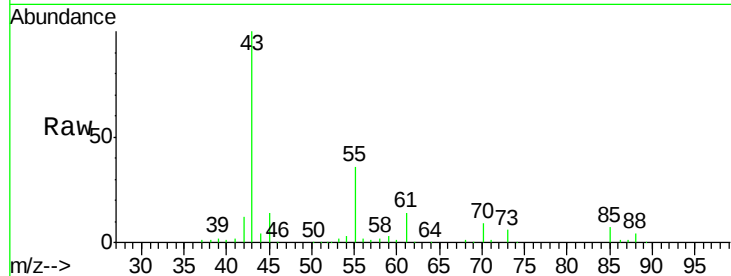
Tot Ion: 43 Resp: 100992

Ion Ratio Lower Upper

43 100

61 13.0 10.4 15.6

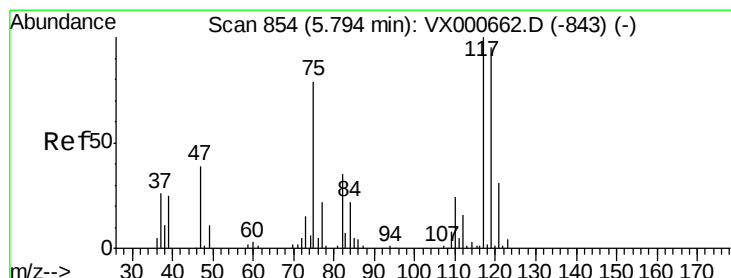
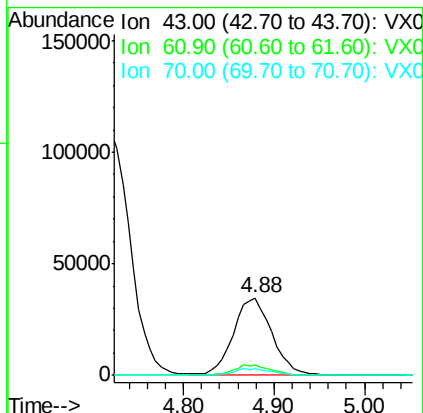
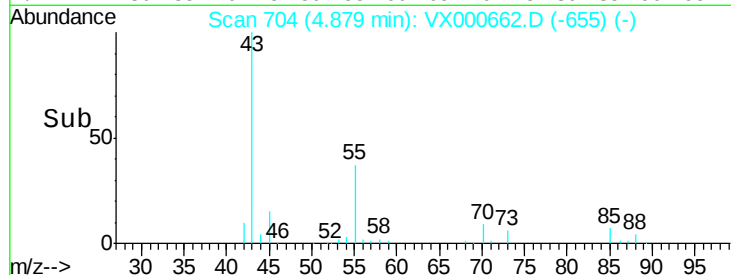
70 8.5 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 43.10 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

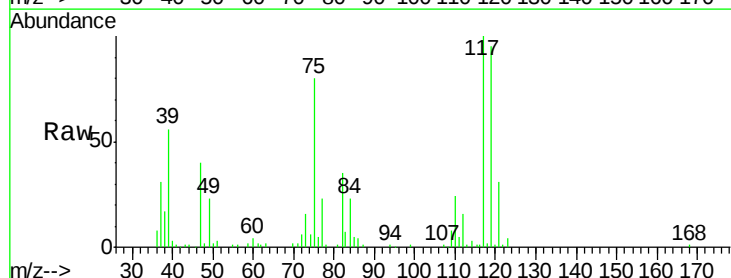
Tgt Ion: 117 Resp: 67427

Ion Ratio Lower Upper

117 100

119 95.1 76.1 114.1

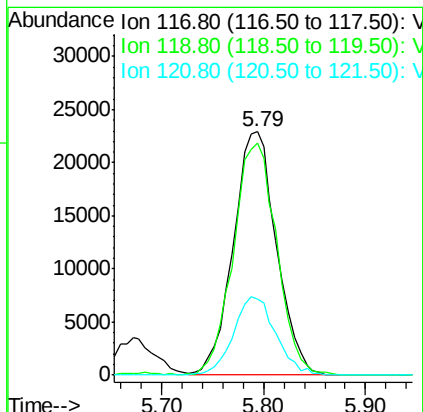
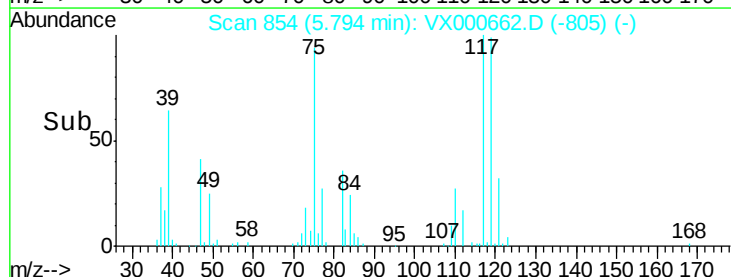
121 31.0 24.8 37.2

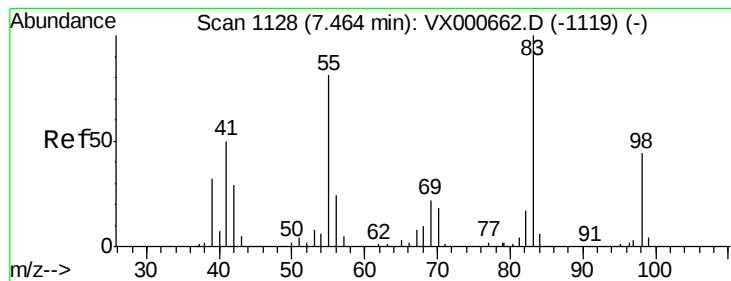


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 41.77 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

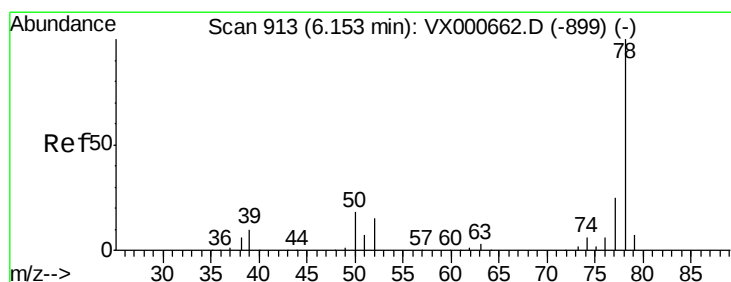
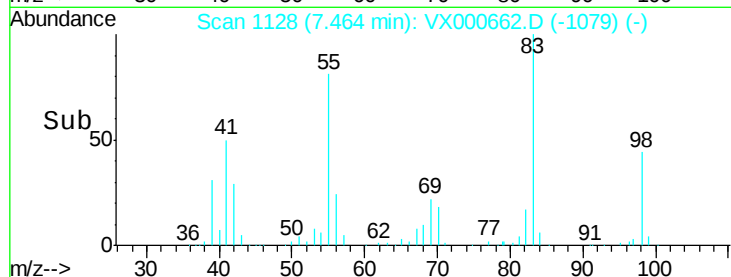
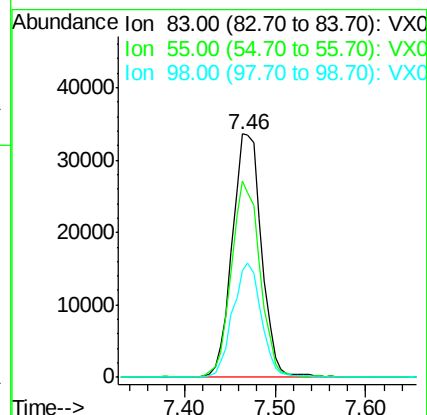
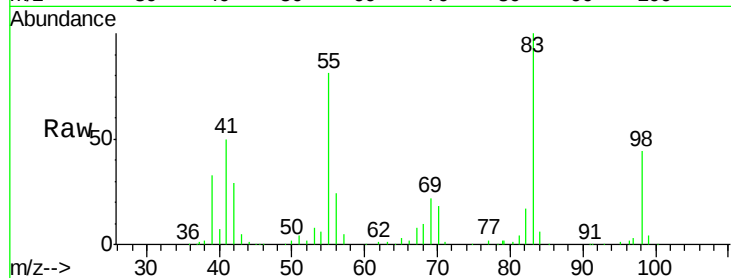
Tot Ion: 83 Resp: 75723

Ion Ratio Lower Upper

83 100

55 80.6 64.5 96.7

98 43.8 35.0 52.6



#40

Benzene

Concen: 45.29 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX000662.D

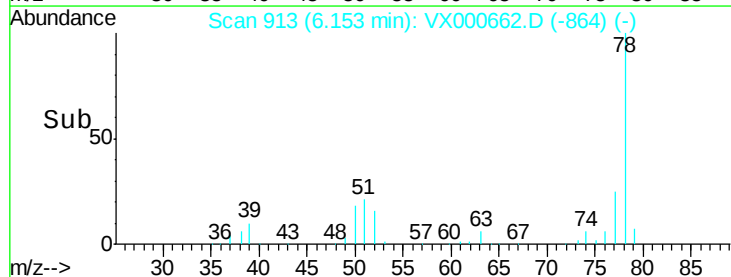
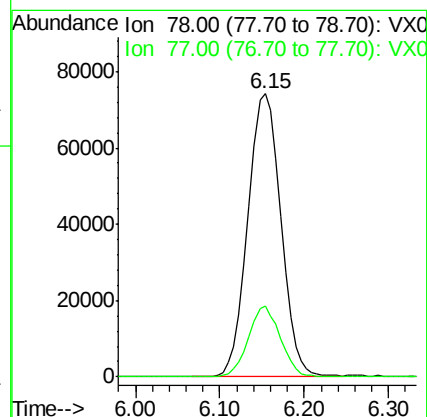
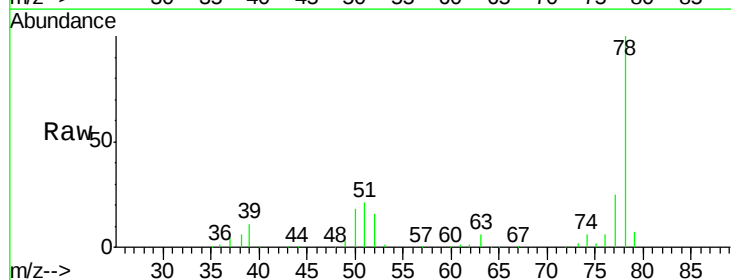
Acq: 04 Apr 2018 17:18

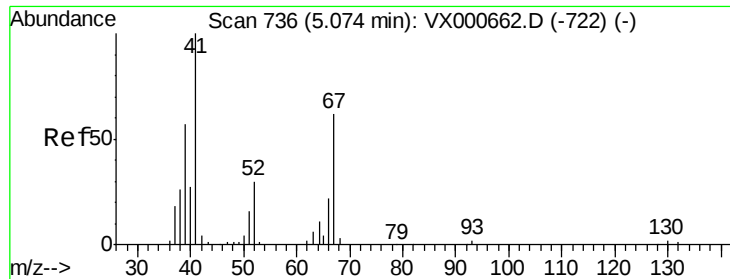
Tgt Ion: 78 Resp: 197872

Ion Ratio Lower Upper

78 100

77 25.2 20.2 30.2

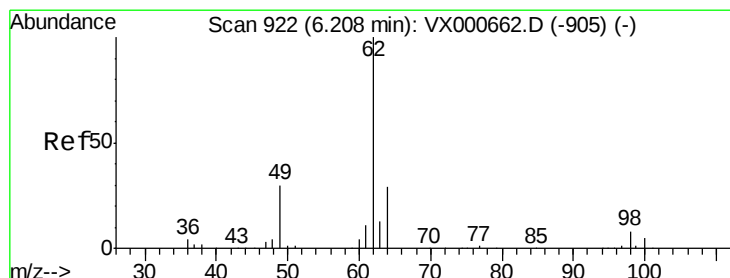
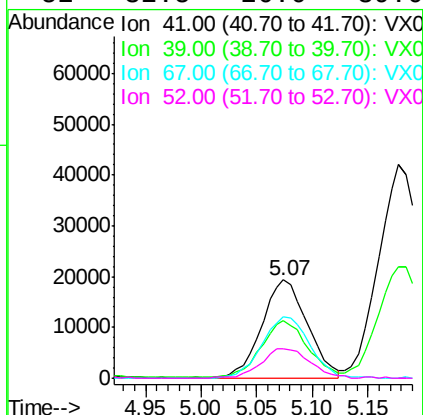
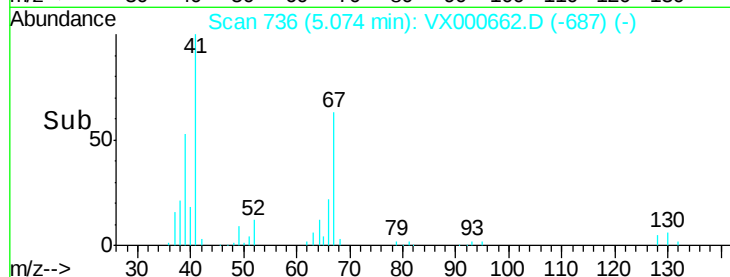
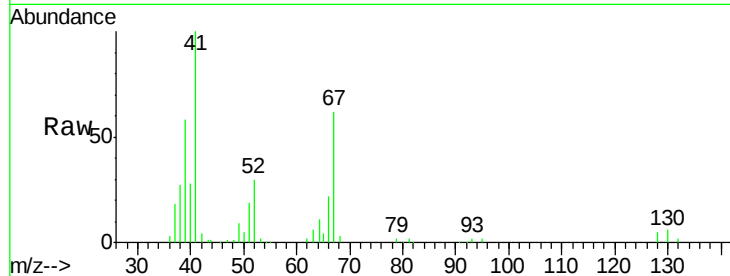




#41
Methacrylonitrile
Concen: 49.67 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

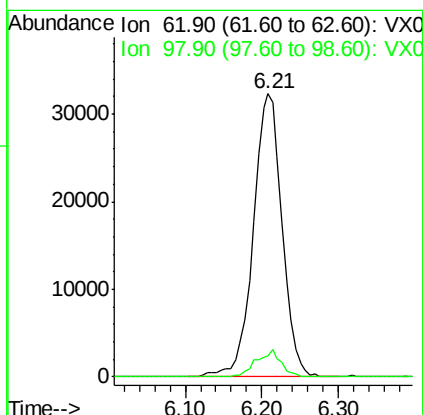
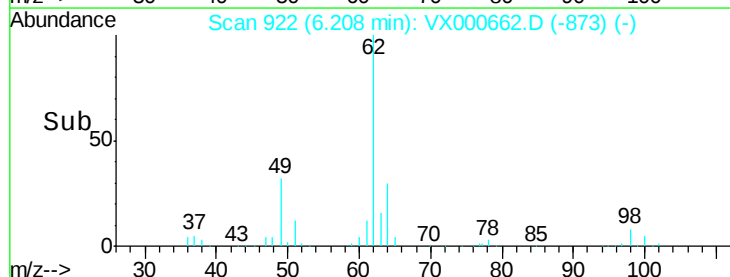
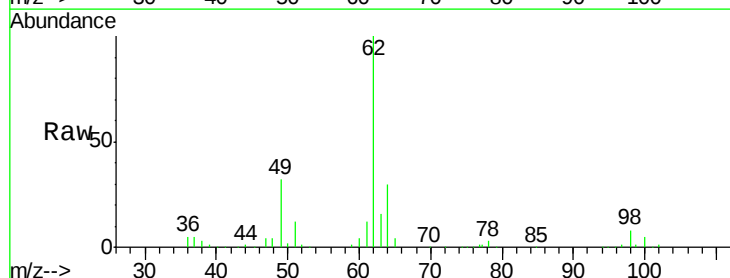
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

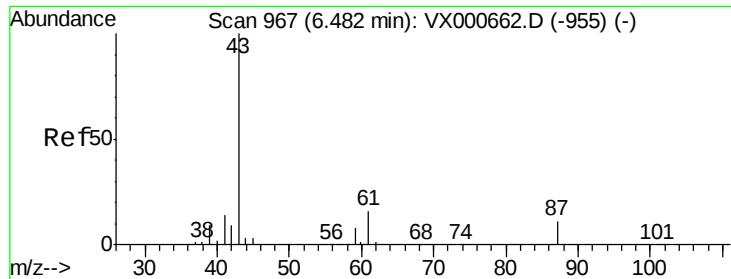
Tot Ion:	41	Resp:	55308
Ion	Ratio	Lower	Upper
41	100		
39	57.8	46.2	69.4
67	65.5	52.4	78.6
52	32.5	26.0	39.0



#42
1,2-Dichloroethane
Concen: 48.78 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

Tgt Ion:	62	Resp:	84835
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.2



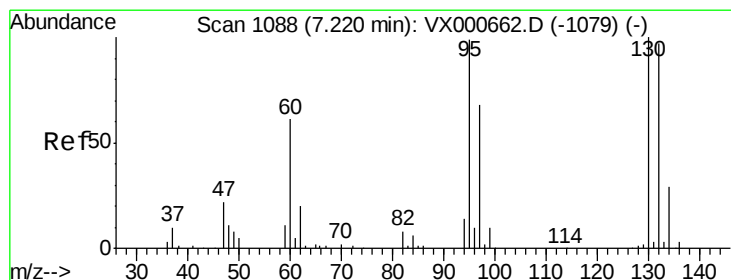
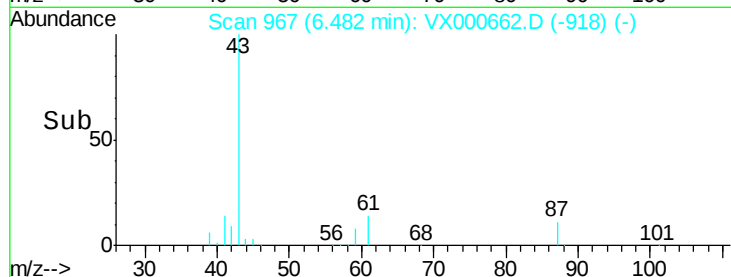
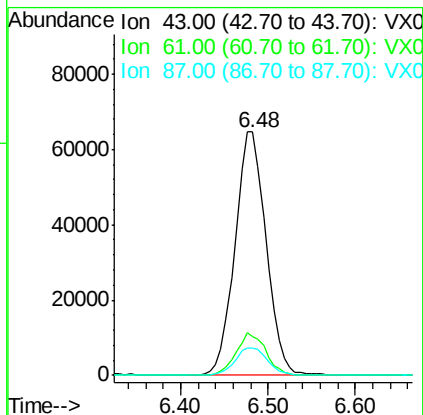
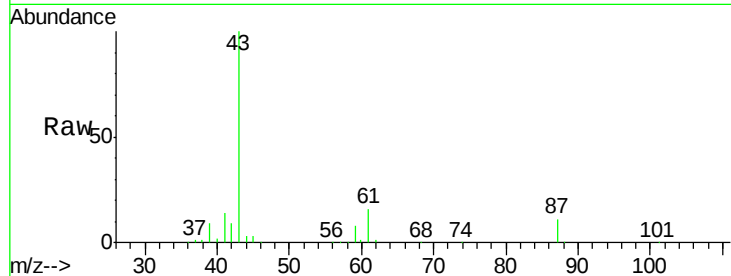


#43

Isopropyl Acetate
 Concen: 51.46 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

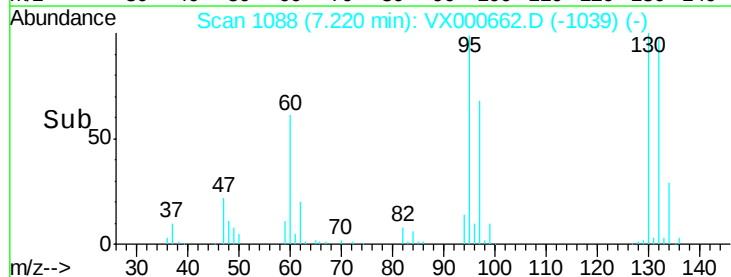
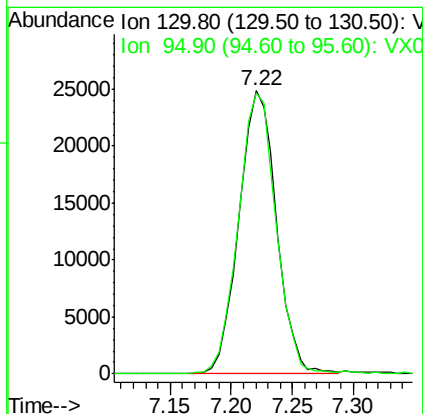
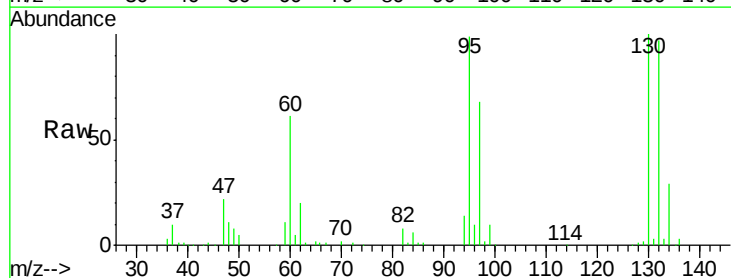
Tot Ion: 43 Resp: 160676
 Ion Ratio Lower Upper
 43 100
 61 16.8 13.4 20.2
 87 11.7 9.4 14.0

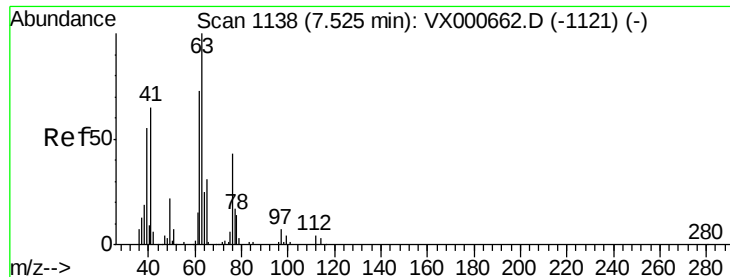


#44

Trichloroethene
 Concen: 42.41 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

Tgt Ion: 130 Resp: 52978
 Ion Ratio Lower Upper
 130 100
 95 99.4 0.0 198.8





#45

1,2-Dichloropropane

Concen: 47.61 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

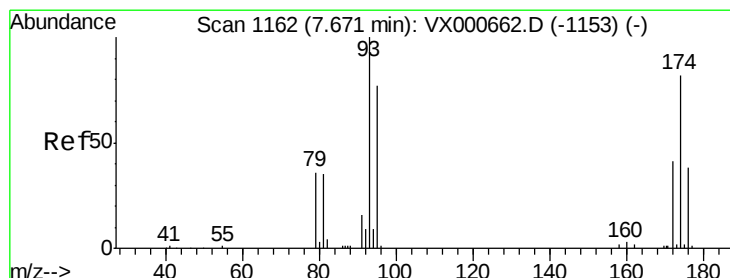
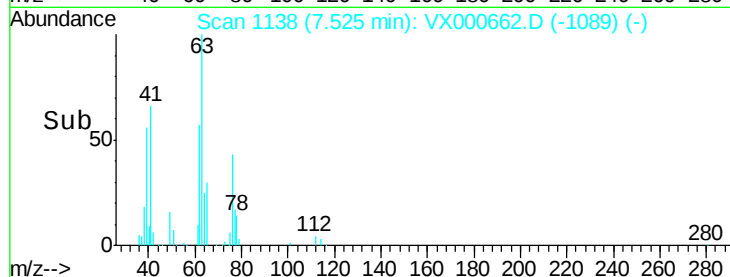
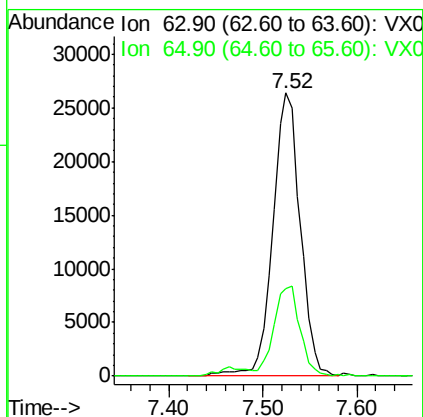
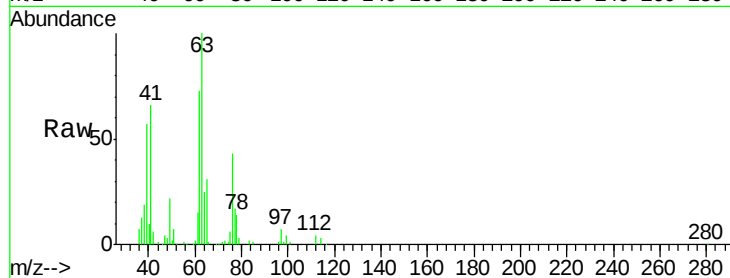
VSTDICCC050

Tot Ion: 63 Resp: 53602

Ion Ratio Lower Upper

63 100

65 31.0 24.8 37.2



#46

Dibromomethane

Concen: 45.22 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

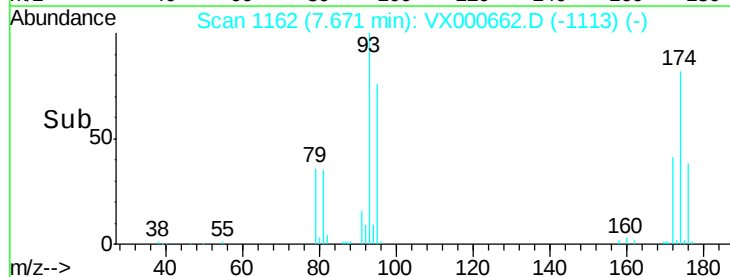
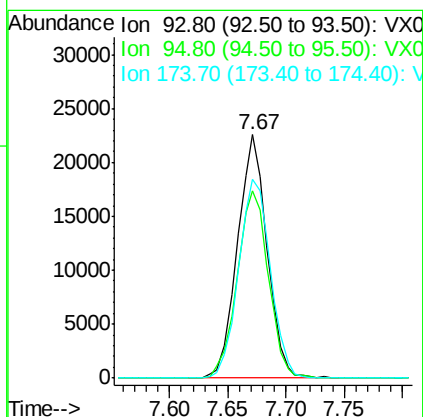
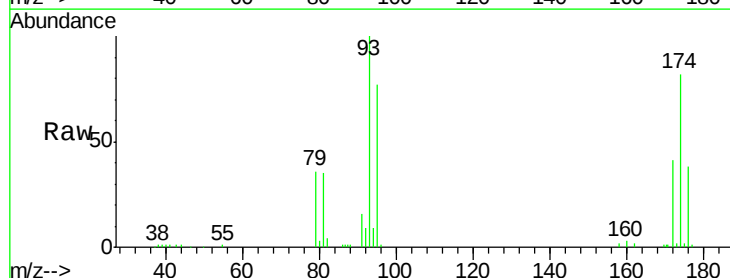
Tgt Ion: 93 Resp: 39841

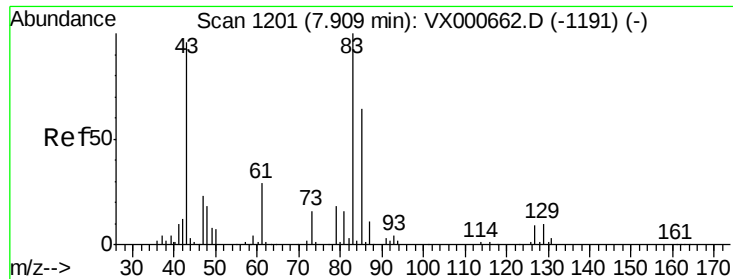
Ion Ratio Lower Upper

93 100

95 81.6 65.3 97.9

174 87.8 70.2 105.4





#47

Bromodichloromethane

Concen: 49.62 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

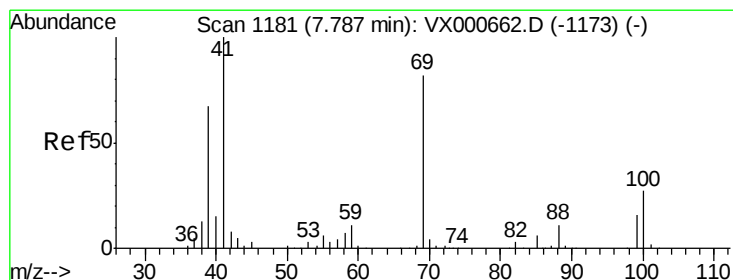
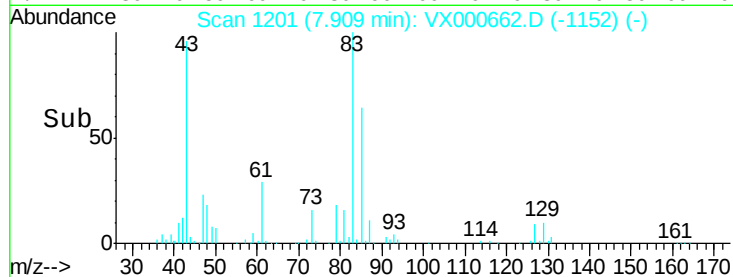
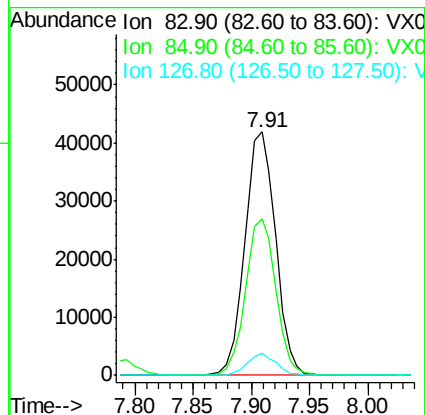
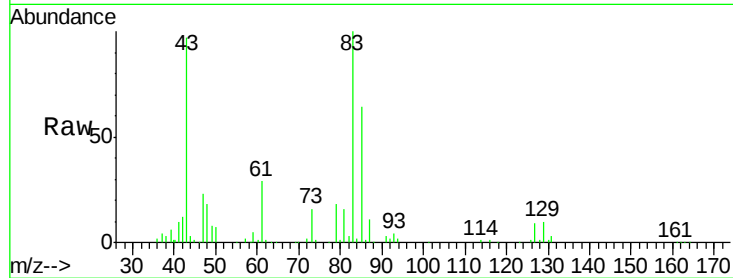
Tot Ion: 83 Resp: 77222

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0

127 9.1 7.3 10.9



#48

Methyl methacrylate

Concen: 51.73 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

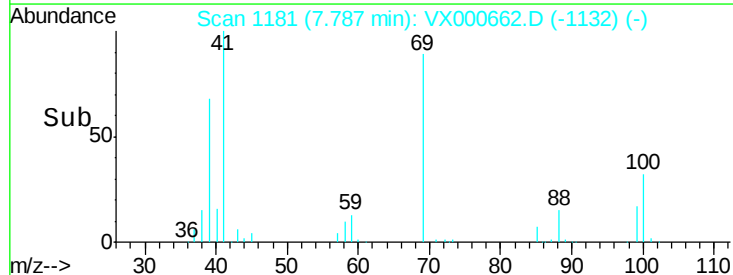
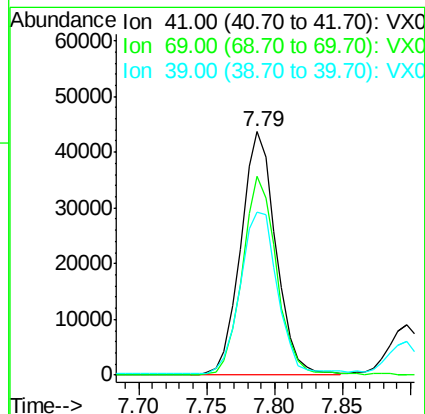
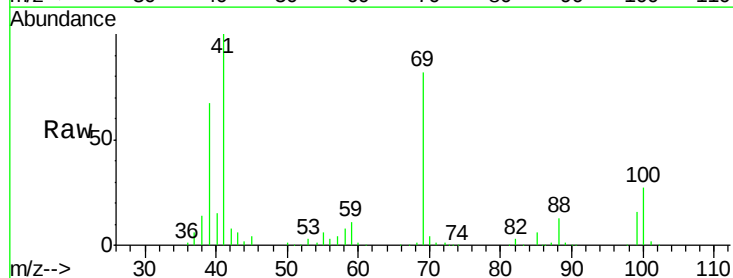
Tgt Ion: 41 Resp: 78472

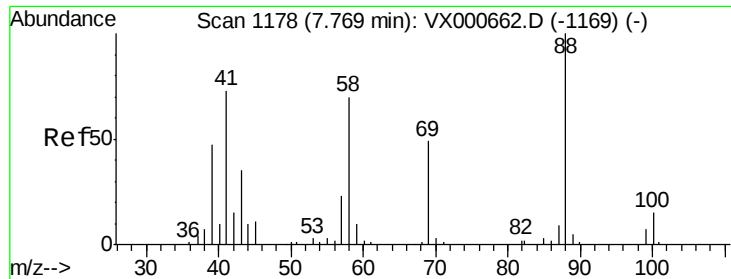
Ion Ratio Lower Upper

41 100

69 80.4 64.3 96.5

39 71.2 57.0 85.4

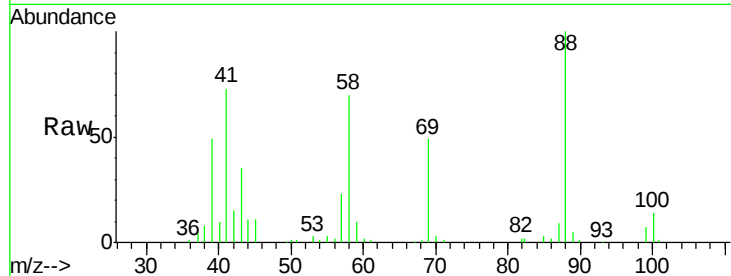




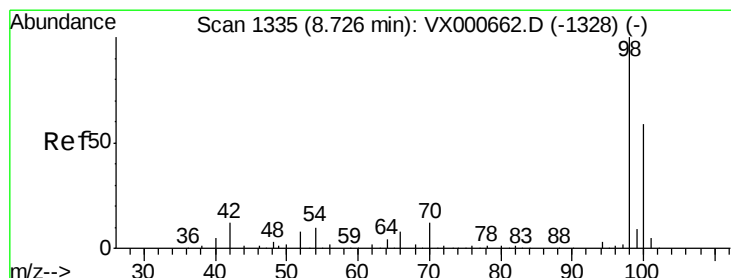
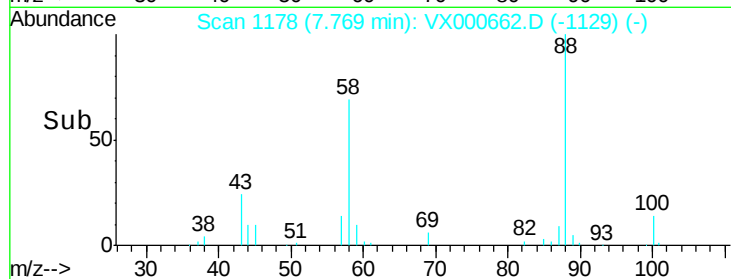
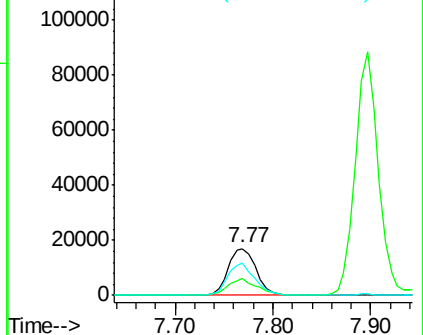
#49
 1,4-Dioxane
 Concen: 1055.64 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 88 Resp: 33946
 Ion Ratio Lower Upper
 88 100
 43 36.7 29.4 44.0
 58 66.7 53.4 80.0

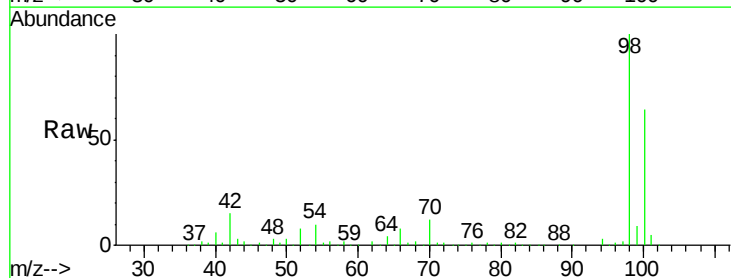


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

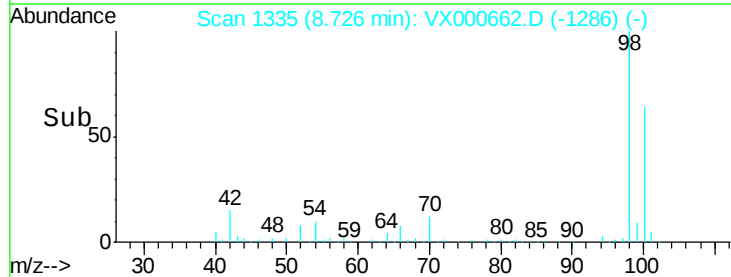
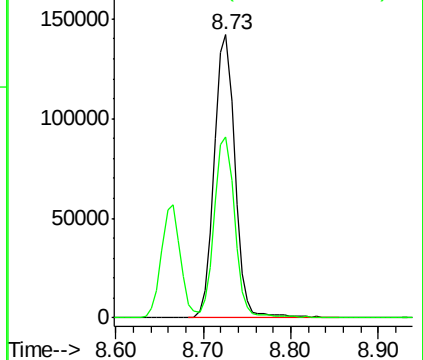


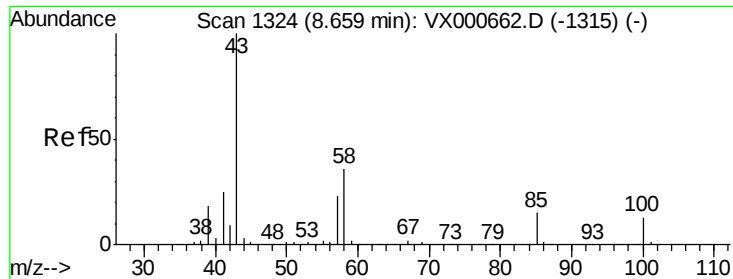
#50
 Toluene-d8
 Concen: 53.50 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

Tgt Ion: 98 Resp: 232969
 Ion Ratio Lower Upper
 98 100
 100 63.8 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: 269.91 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

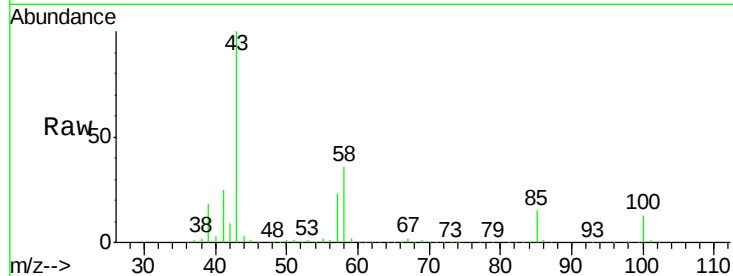
VSTDICCC050

Tot Ion: 43 Resp: 661297

Ion Ratio Lower Upper

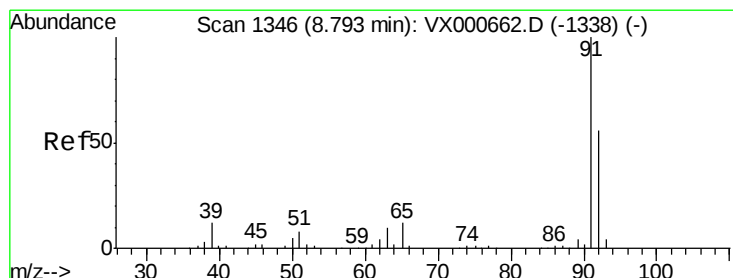
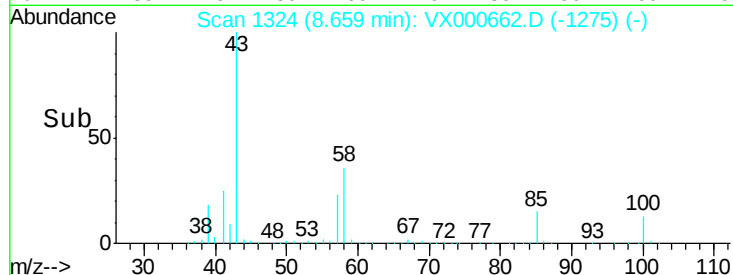
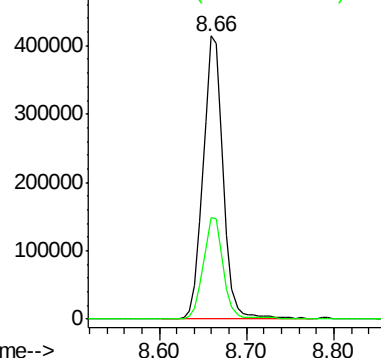
43 100

58 35.2 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: 45.26 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000662.D

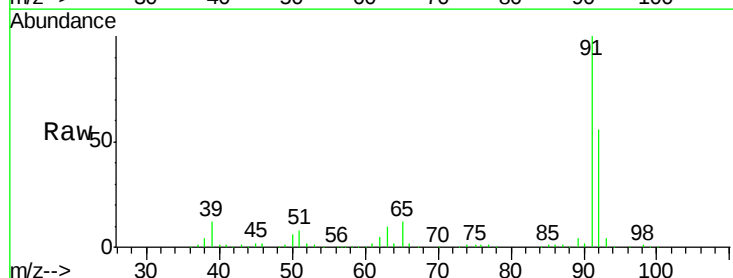
Acq: 04 Apr 2018 17:18

Tgt Ion: 92 Resp: 139007

Ion Ratio Lower Upper

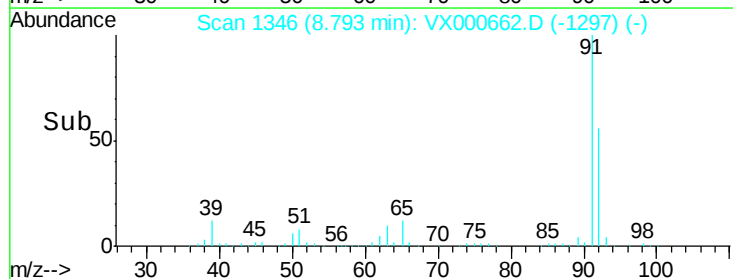
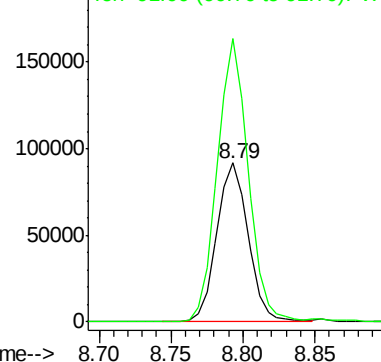
92 100

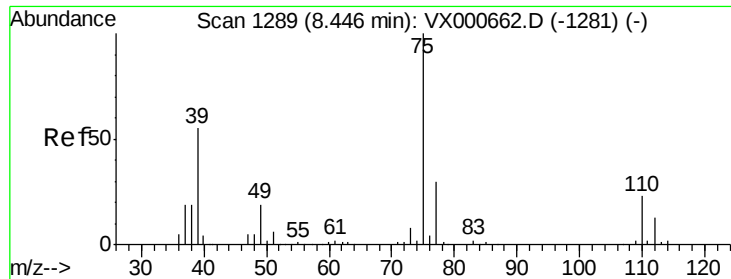
91 177.1 141.7 212.5



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: 48.04 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

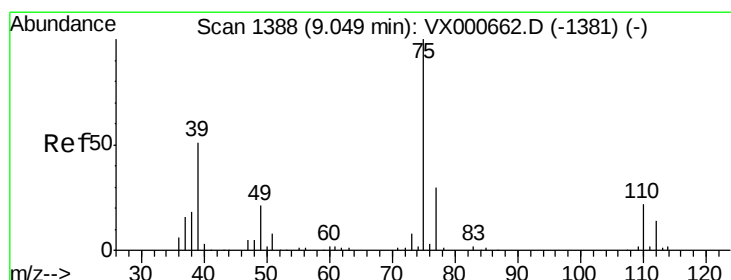
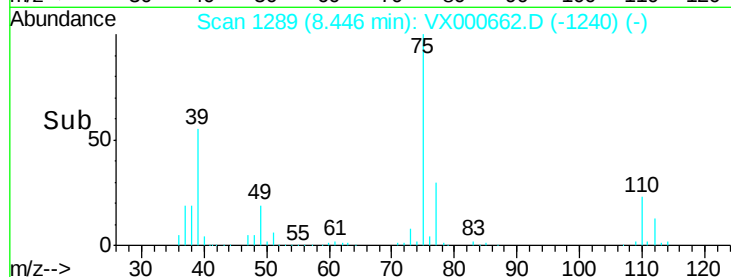
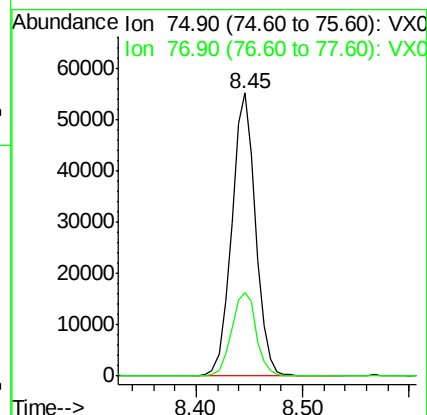
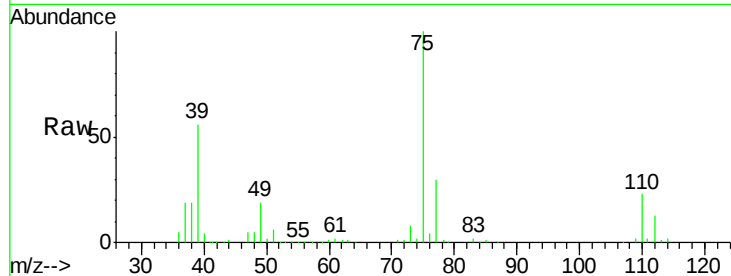
VSTDICCC050

Tot Ion: 75 Resp: 86452

Ion Ratio Lower Upper

75 100

77 29.7 23.8 35.6



#54

cis-1,3-Dichloropropene

Concen: 49.26 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

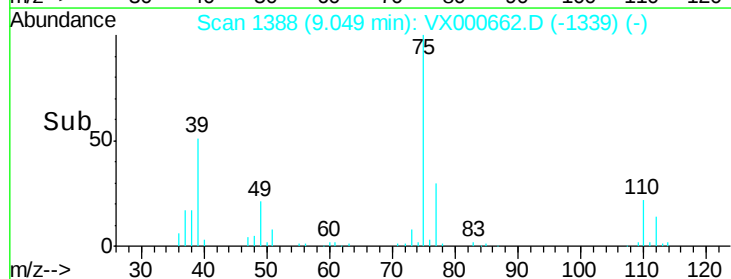
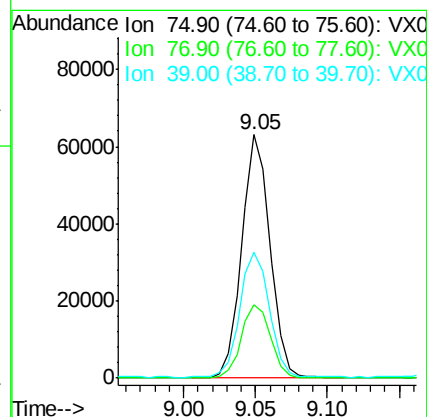
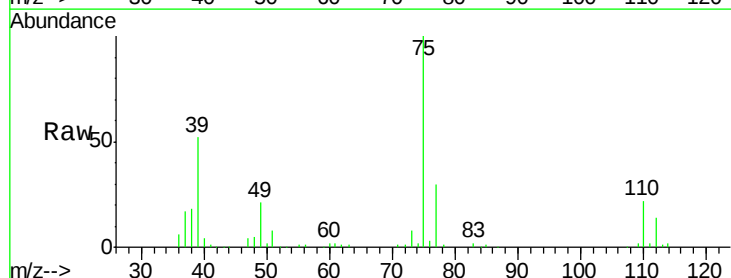
Tgt Ion: 75 Resp: 86175

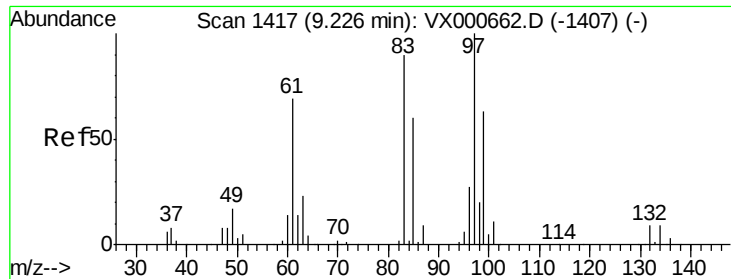
Ion Ratio Lower Upper

75 100

77 30.1 24.1 36.1

39 50.9 40.7 61.1



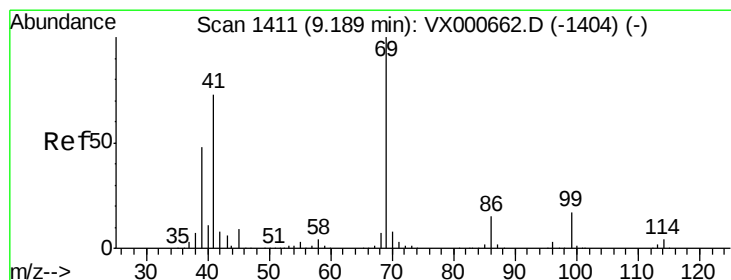
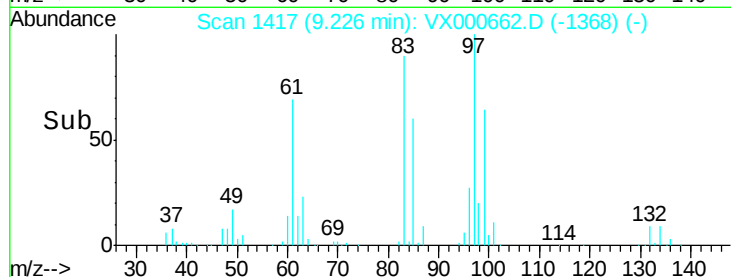
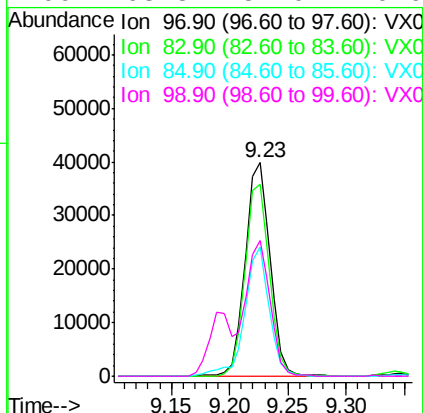
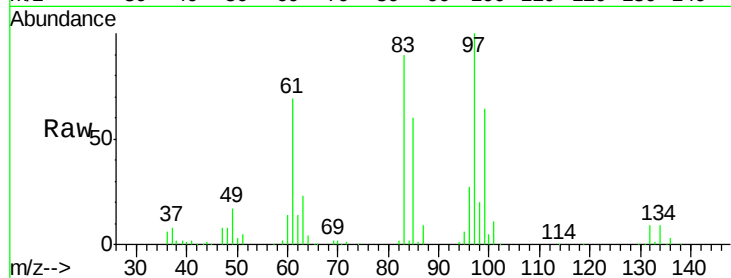


#55
 1,1,2-Trichloroethane
 Concen: 47.12 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 97 Resp: 59775

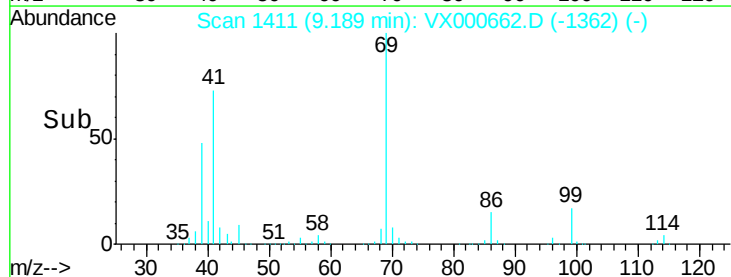
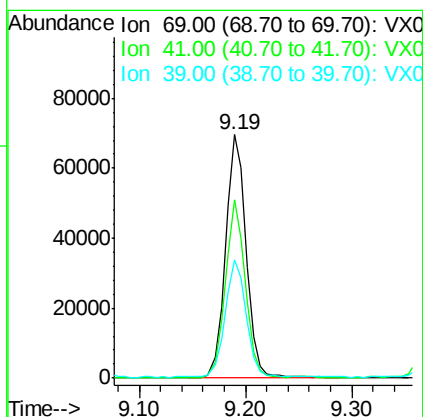
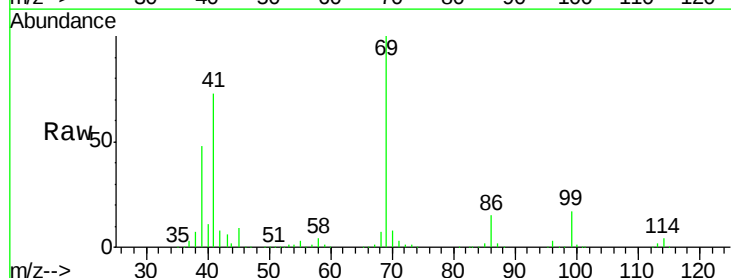
Ion	Ratio	Lower	Upper
97	100		
83	90.1	72.1	108.1
85	60.4	48.3	72.5
99	63.8	51.0	76.6

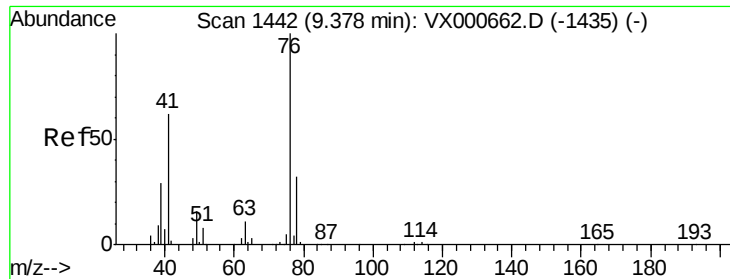


#56
 Ethyl methacrylate
 Concen: 49.05 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

Tgt Ion: 69 Resp: 94628

Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.5	84.7
39	49.8	39.8	59.8

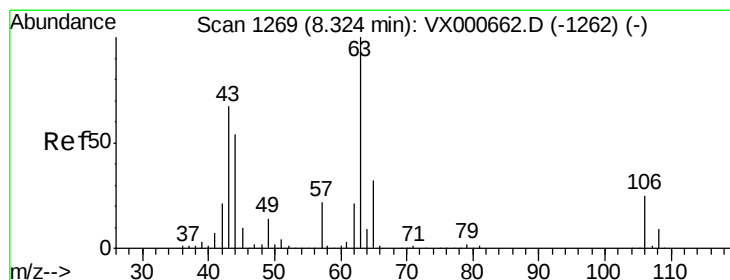
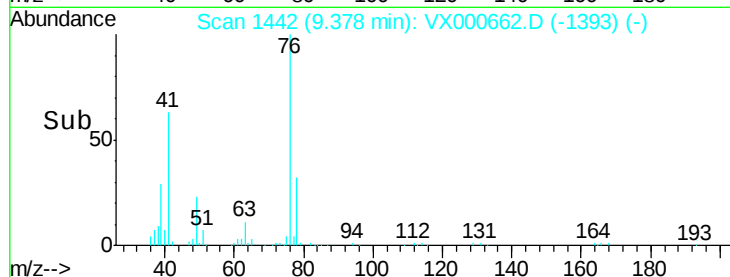
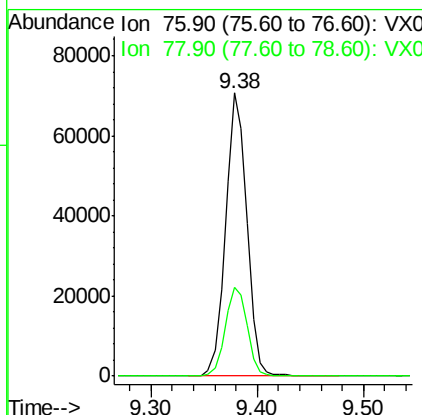
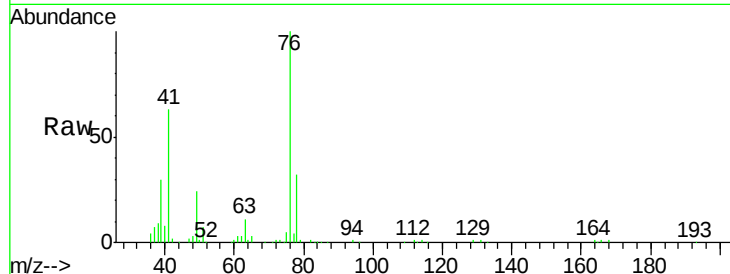




#57
 1,3-Dichloropropane
 Concen: 48.36 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

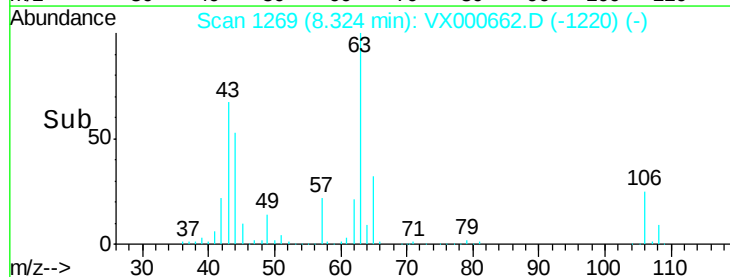
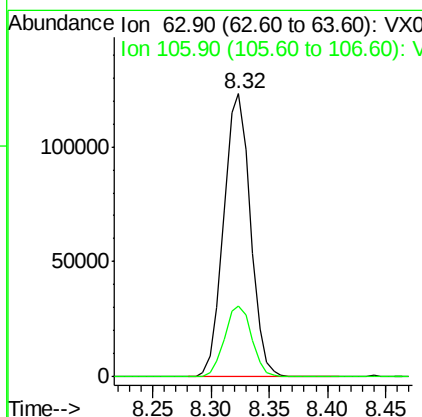
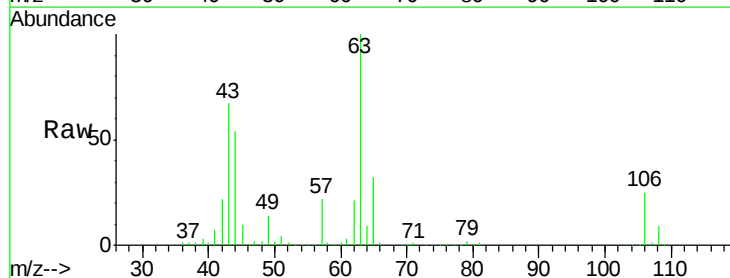
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

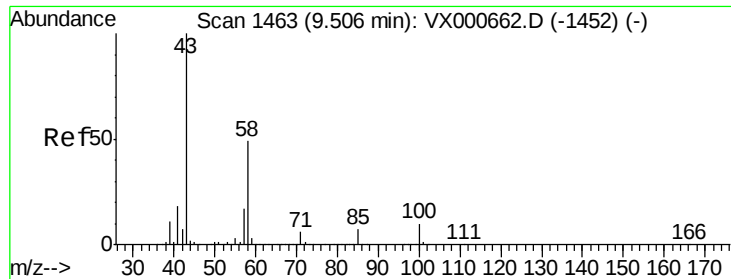
Tot Ion: 76 Resp: 98642
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 217.61 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

Tgt Ion: 63 Resp: 195907
 Ion Ratio Lower Upper
 63 100
 106 25.6 20.5 30.7

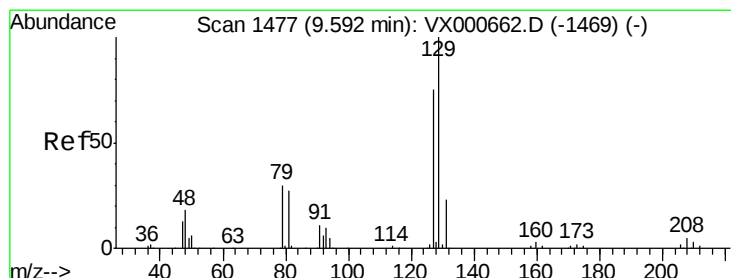
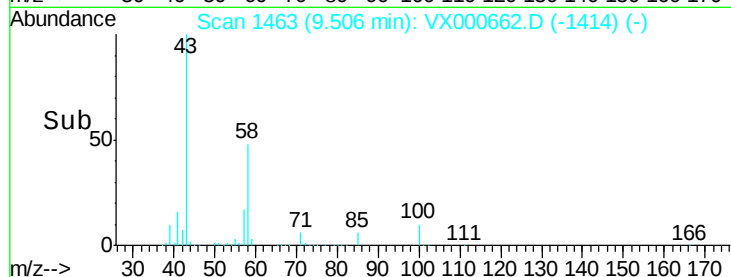
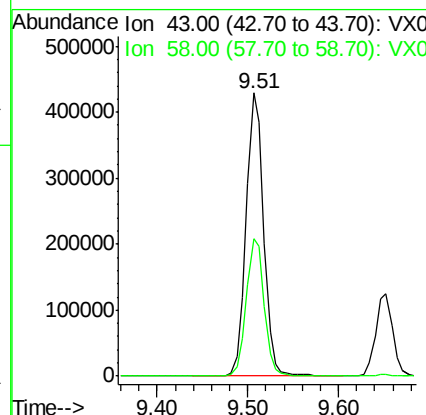
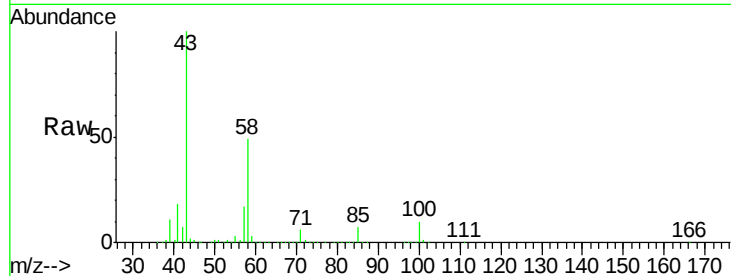




#59
2-Hexanone
Concen: 275.48 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

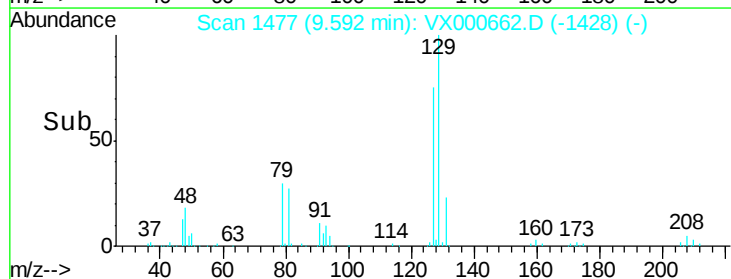
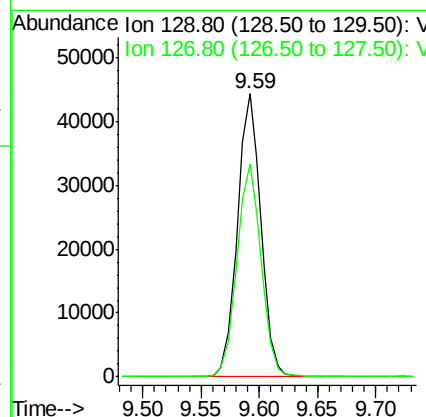
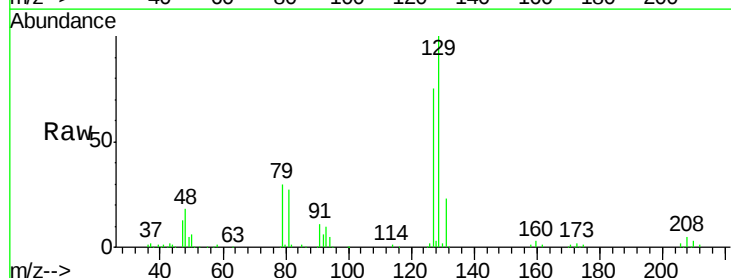
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

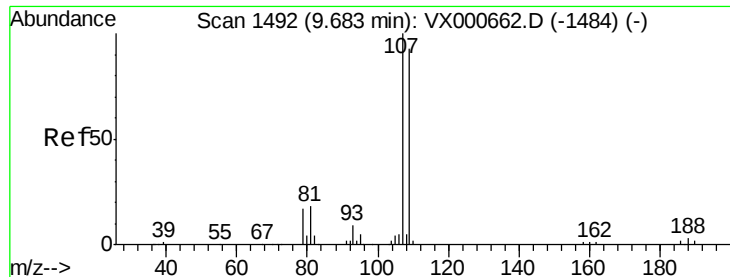
Tot Ion: 43 Resp: 575783
Ion Ratio Lower Upper
43 100
58 49.5 24.8 74.3



#60
Dibromochloromethane
Concen: 48.50 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

Tgt Ion:129 Resp: 62435
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 47.32 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

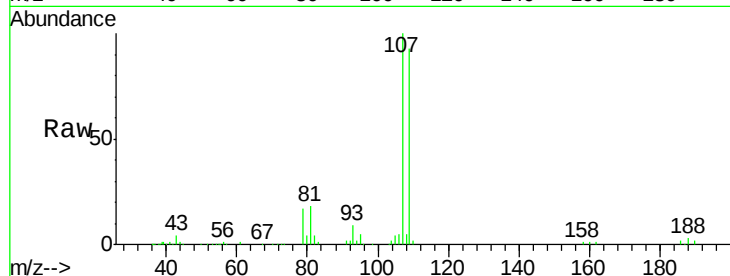
VSTDICCC050

Tot Ion:107 Resp: 64180

Ion Ratio Lower Upper

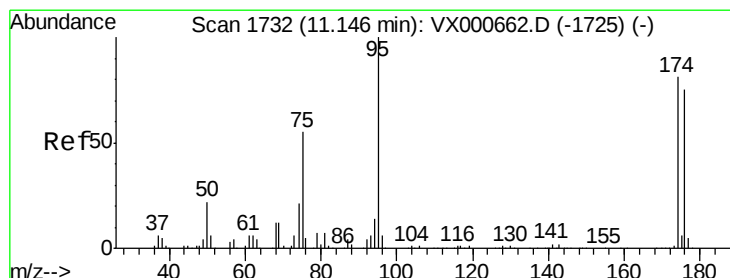
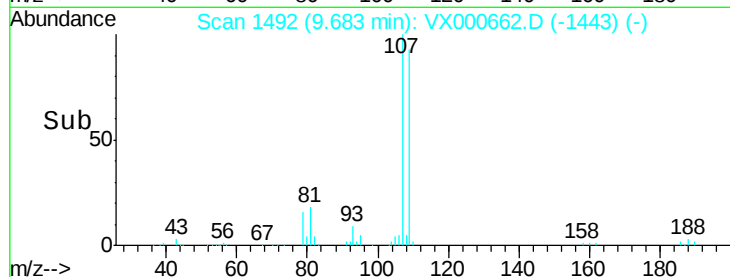
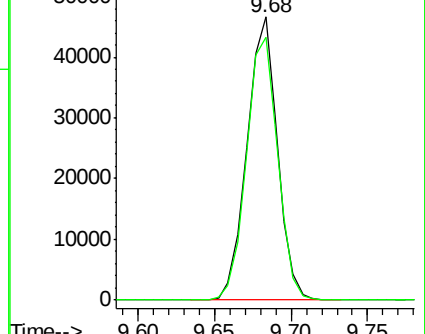
107 100

109 95.6 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.72 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

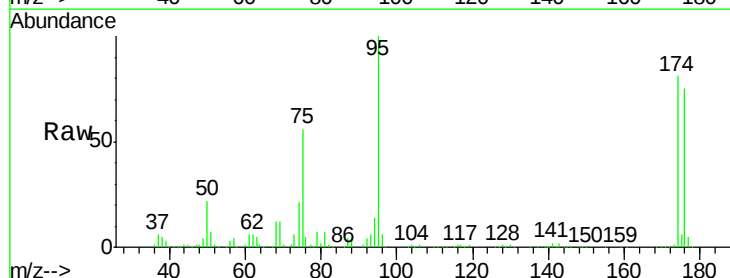
Tgt Ion: 95 Resp: 97665

Ion Ratio Lower Upper

95 100

174 78.4 0.0 156.8

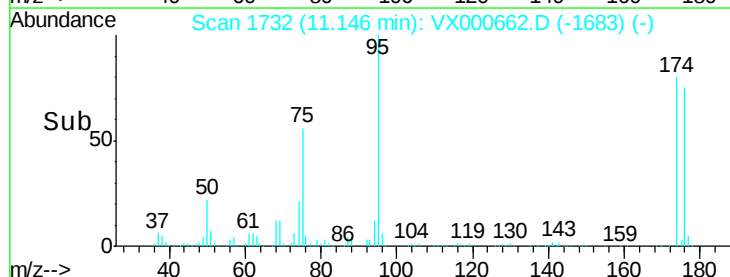
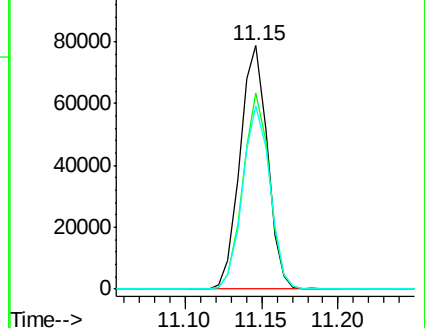
176 75.3 0.0 150.6

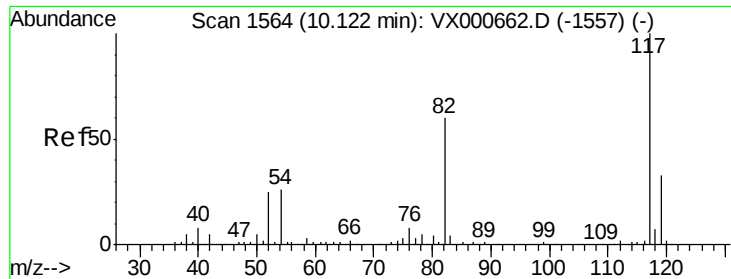


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

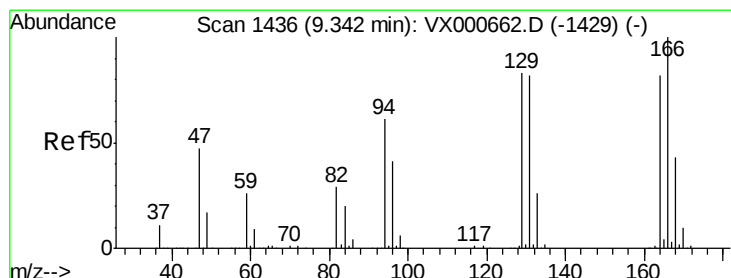
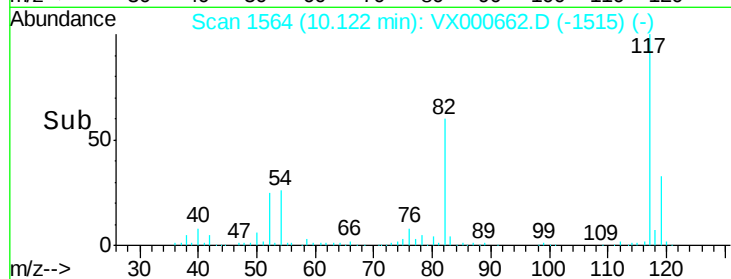
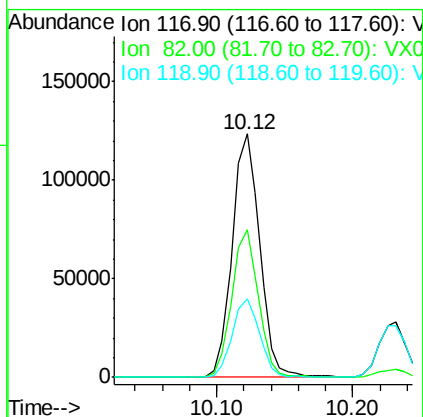
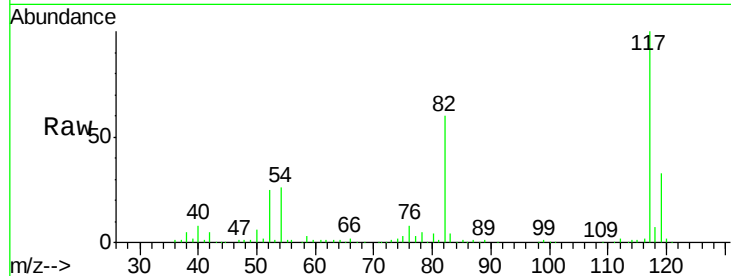




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

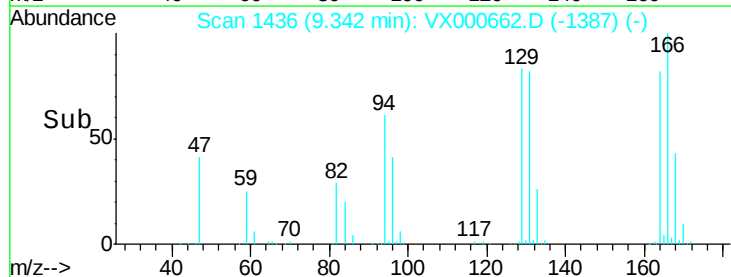
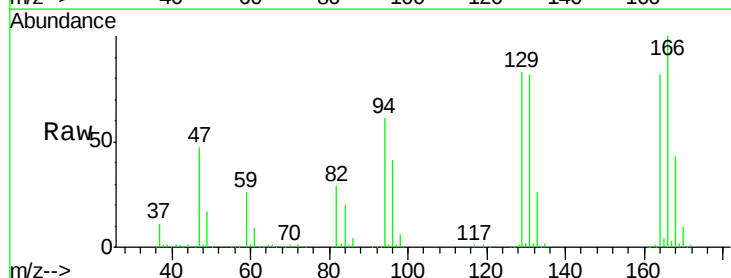
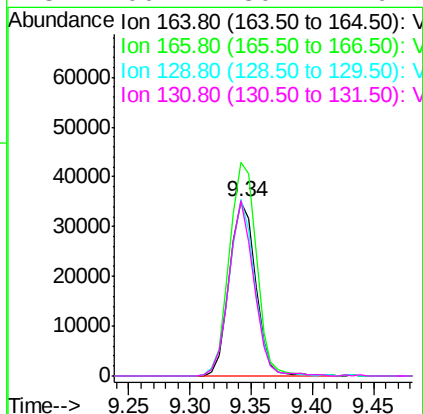
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

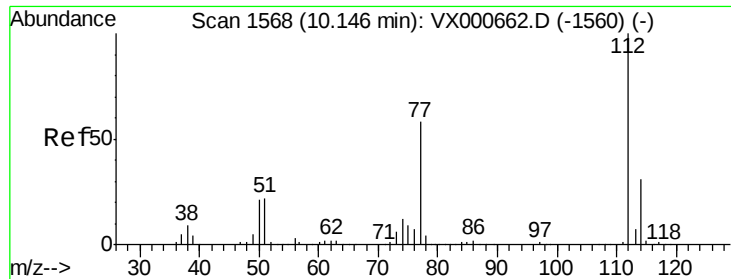
Tot Ion:117 Resp: 173563
Ion Ratio Lower Upper
117 100
82 60.4 48.3 72.5
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 39.89 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

Tgt Ion:164 Resp: 52168
Ion Ratio Lower Upper
164 100
166 122.3 97.8 146.8
129 101.6 81.3 121.9
131 100.2 80.2 120.2

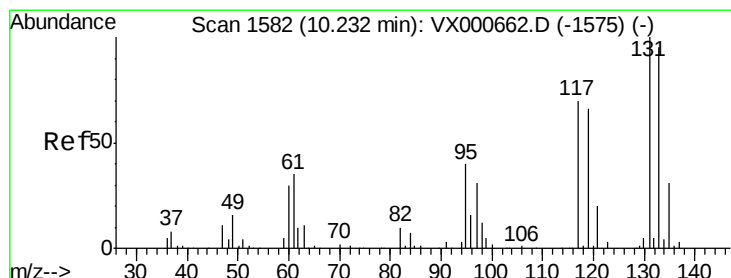
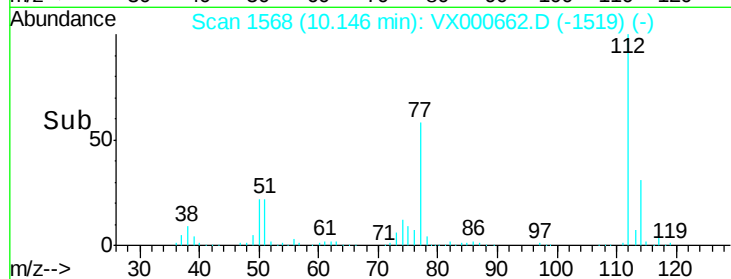
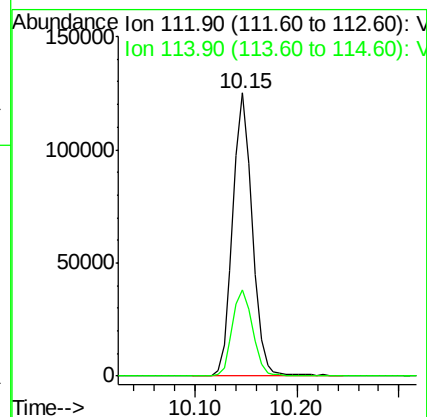
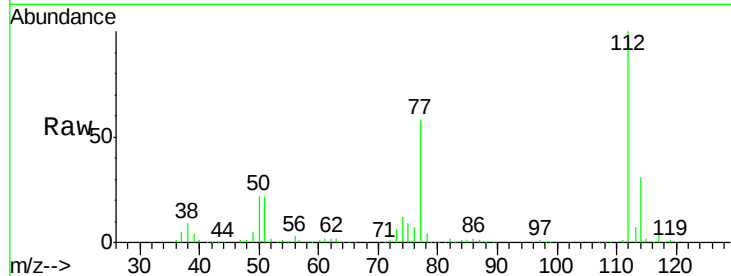




#65
Chlorobenzene
Concen: 43.85 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

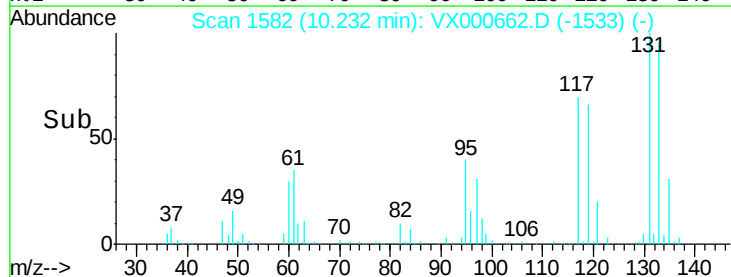
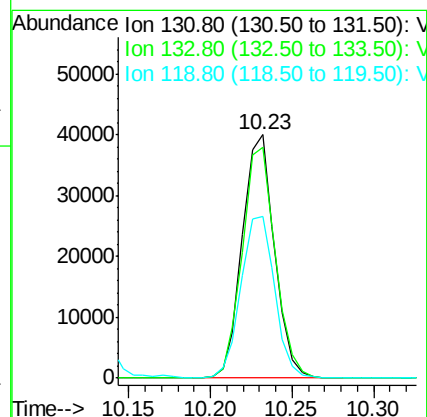
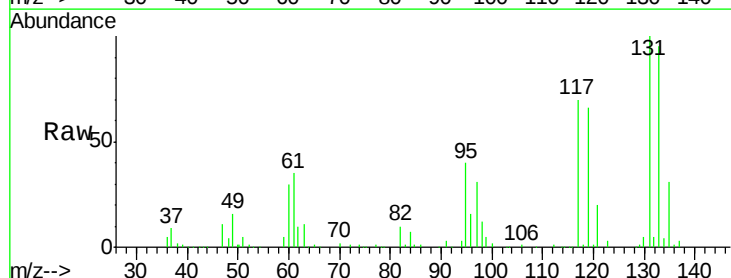
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

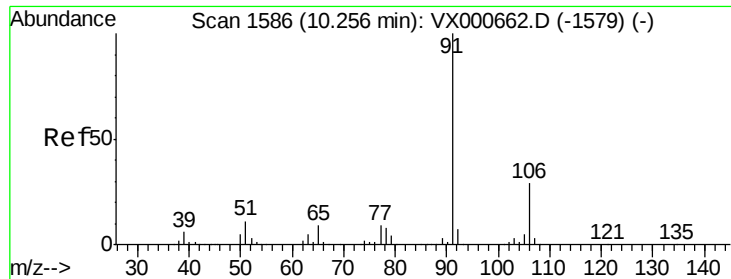
Tot Ion:112 Resp: 165944
Ion Ratio Lower Upper
112 100
114 30.5 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 43.32 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

Tgt Ion:131 Resp: 54938
Ion Ratio Lower Upper
131 100
133 98.1 49.0 147.2
119 69.9 34.9 104.8





#67

Ethyl Benzene

Concen: 46.62 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

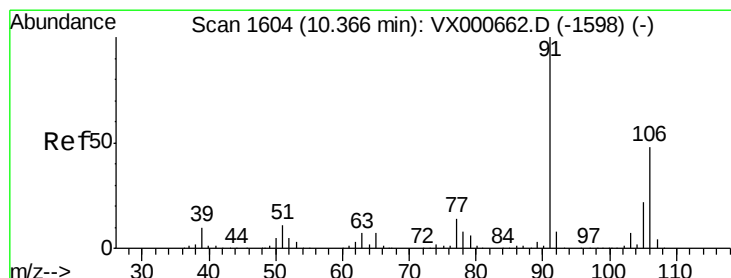
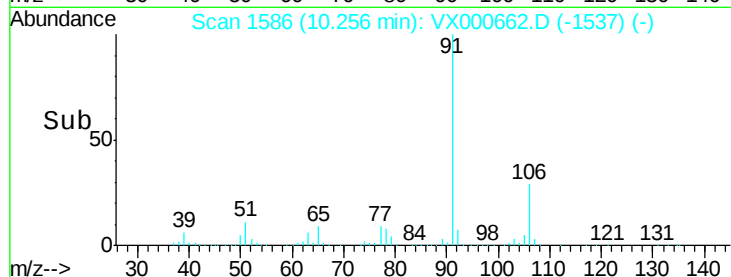
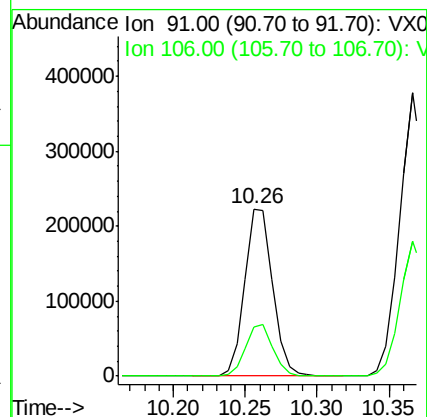
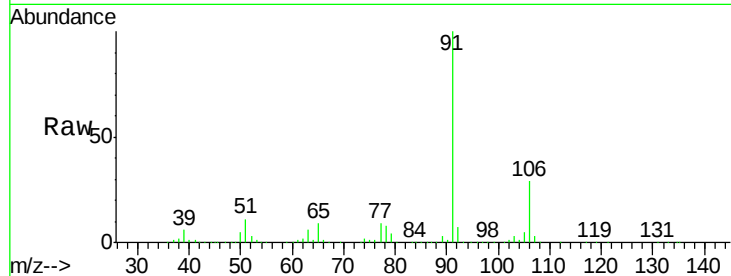
VSTDICCC050

Tot Ion: 91 Resp: 300824

Ion Ratio Lower Upper

91 100

106 29.3 23.4 35.2



#68

m/p-Xylenes

Concen: 91.71 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000662.D

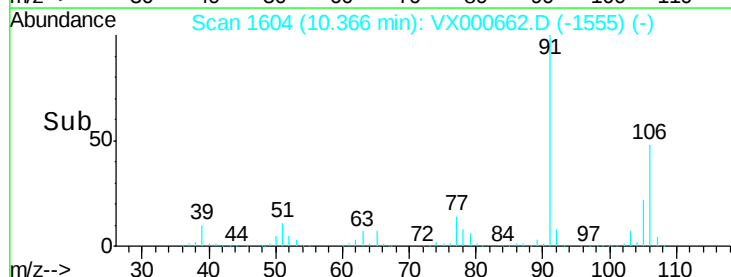
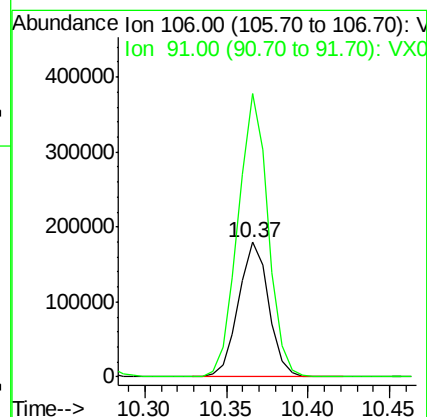
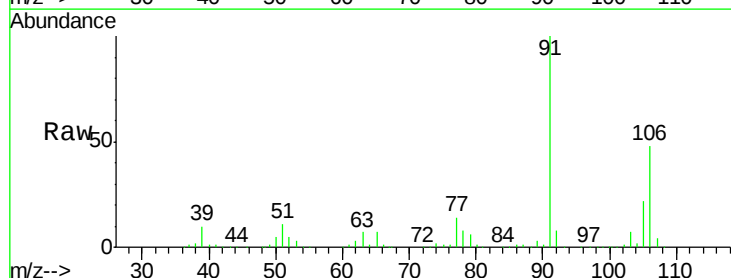
Acq: 04 Apr 2018 17:18

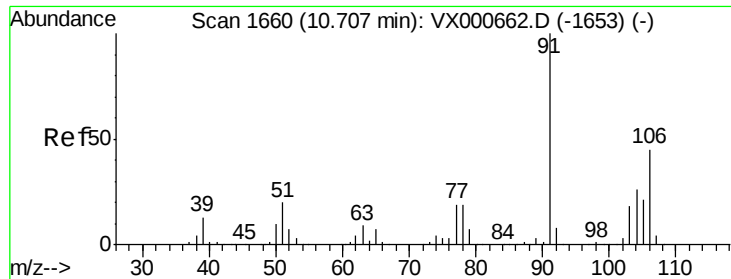
Tgt Ion: 106 Resp: 232172

Ion Ratio Lower Upper

106 100

91 208.8 167.0 250.6

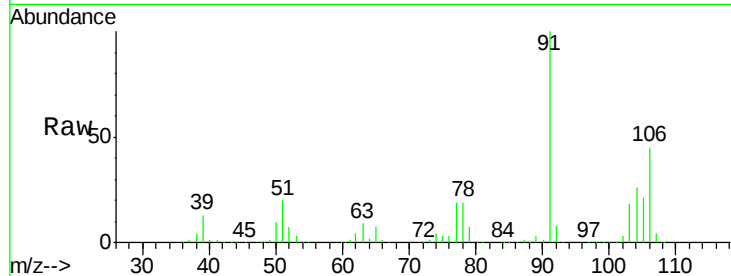




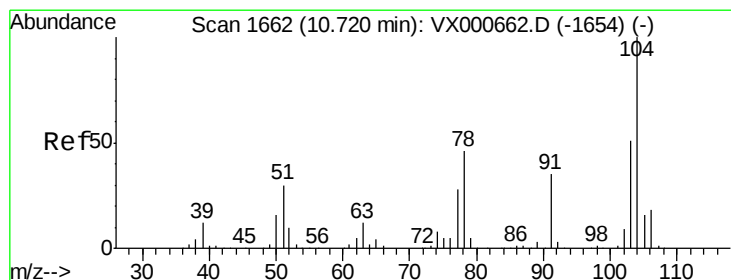
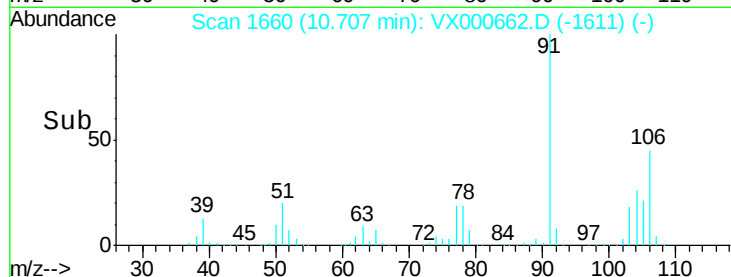
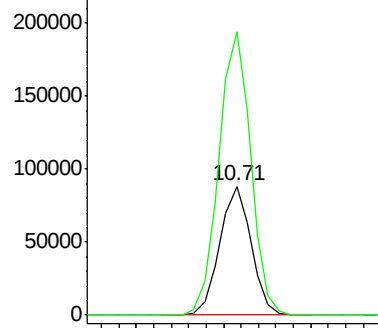
#69
o-Xylene
Concen: 45.33 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 110774
Ion Ratio Lower Upper
106 100
91 223.1 111.6 334.6

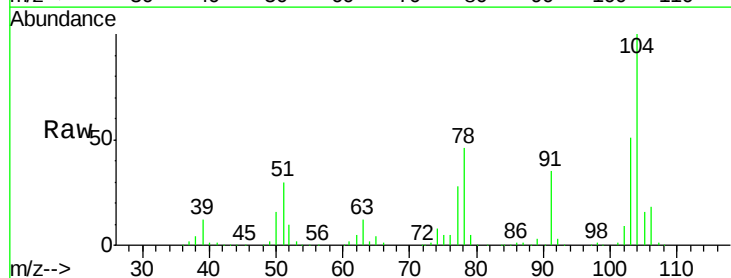


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

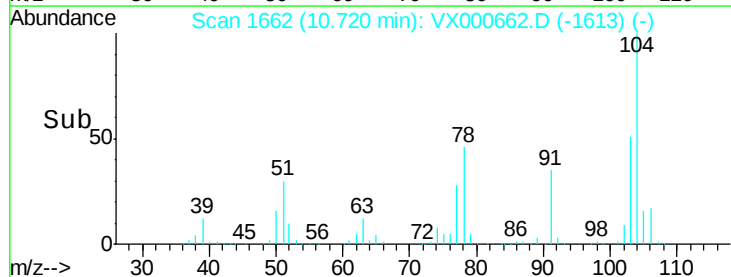
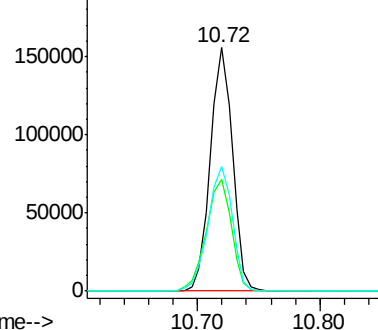


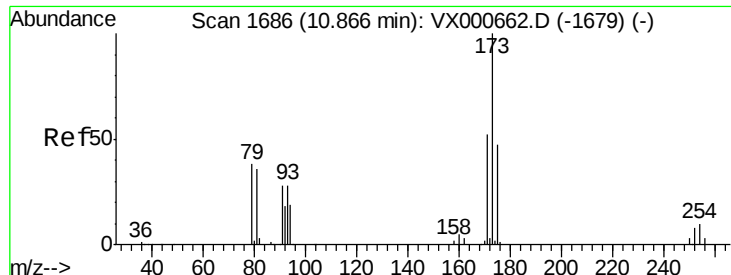
#70
Styrene
Concen: 48.11 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

Tgt Ion:104 Resp: 195190
Ion Ratio Lower Upper
104 100
78 52.4 41.9 62.9
103 56.6 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: 43.27 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

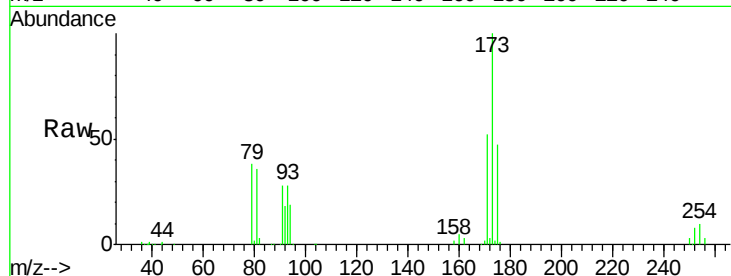
Tot Ion:173 Resp: 48883

Ion Ratio Lower Upper

173 100

175 48.0 24.0 72.0

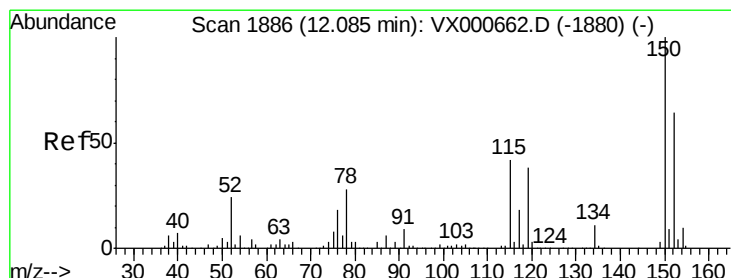
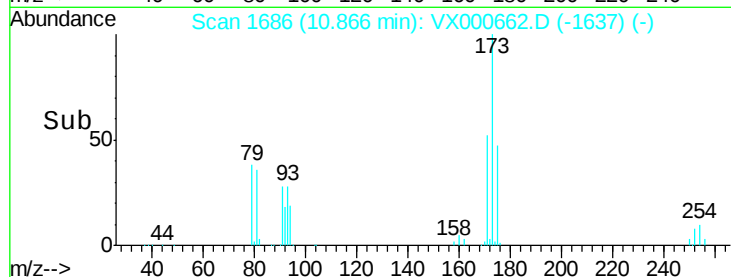
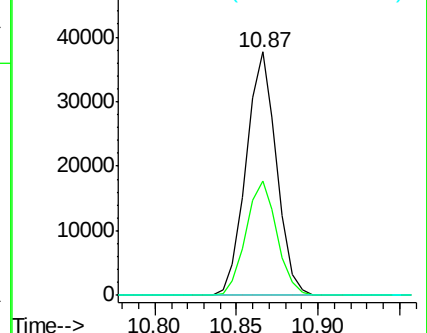
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

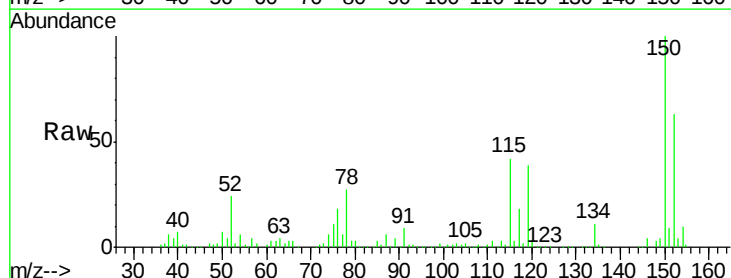
Tgt Ion:152 Resp: 112207

Ion Ratio Lower Upper

152 100

115 83.9 41.9 125.8

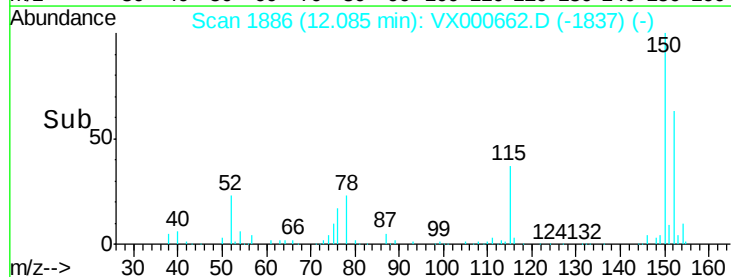
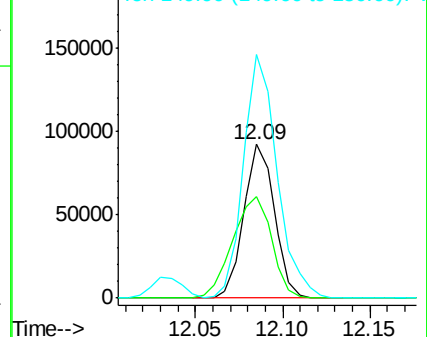
150 174.0 0.0 348.0

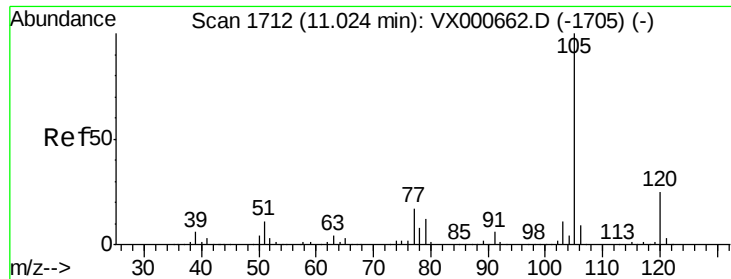


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 43.17 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

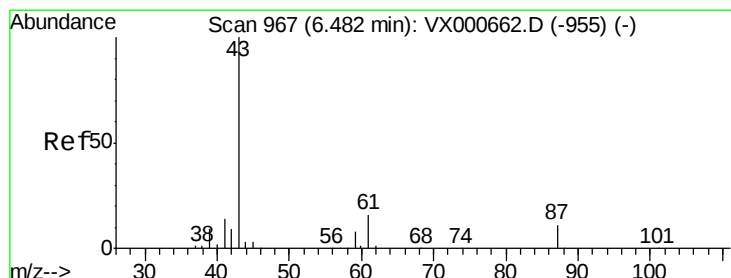
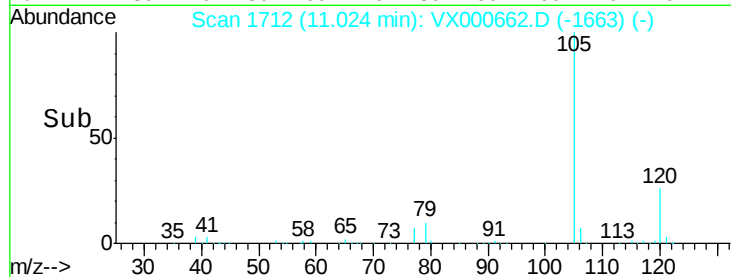
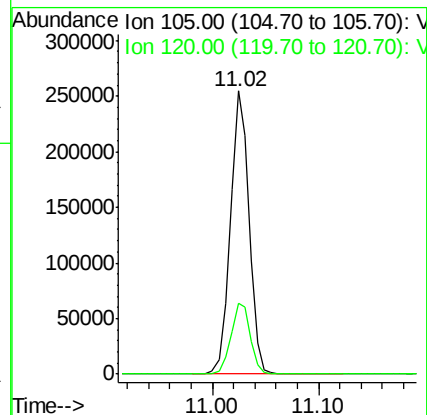
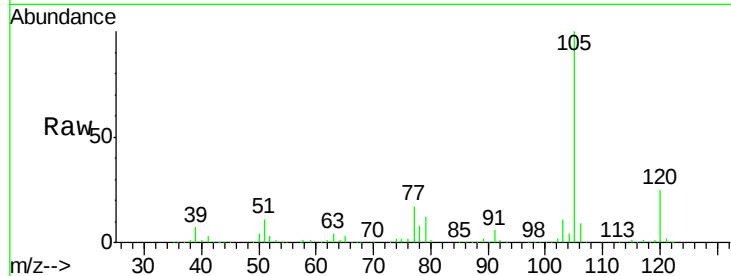
VSTDICCC050

Tot Ion:105 Resp: 311741

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



#74

N-ethyl acetate

Concen: 44.17 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Tgt Ion: 43 Resp: 160676

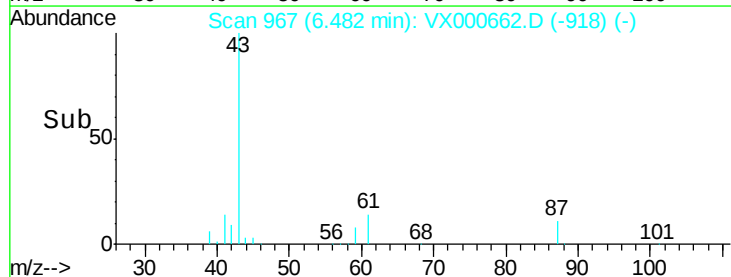
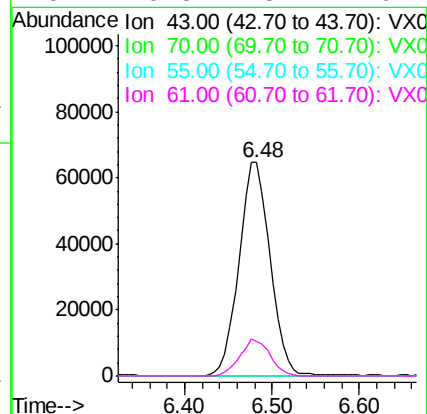
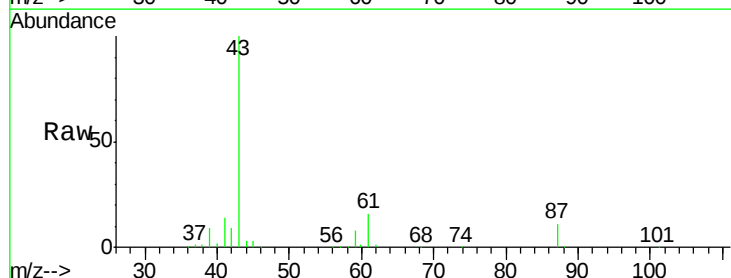
Ion Ratio Lower Upper

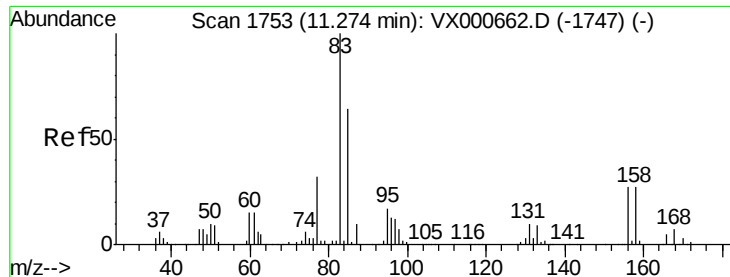
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 16.8 13.4 20.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.55 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

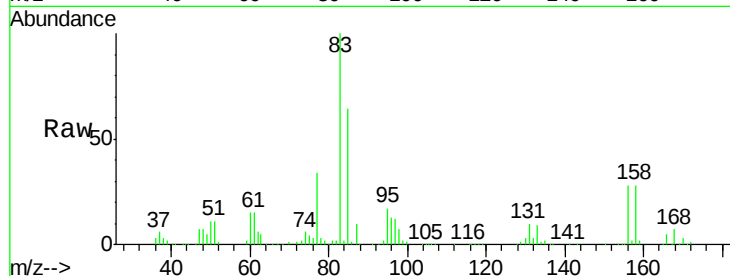
Tot Ion: 83 Resp: 117356

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.1

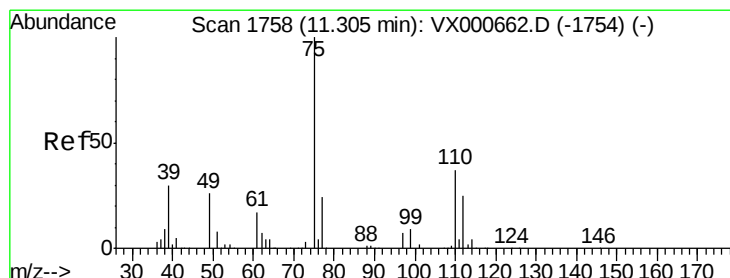
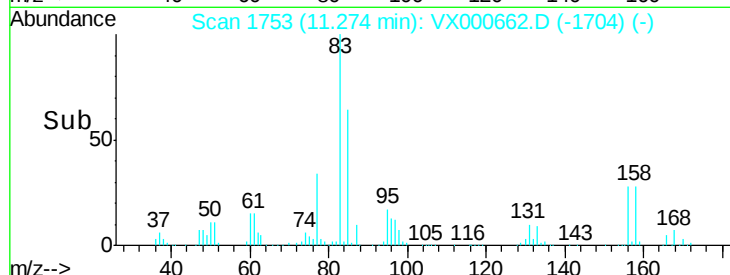
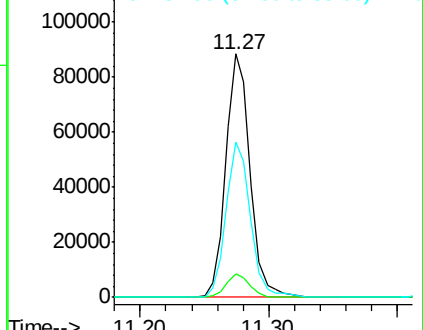
85 64.0 32.0 96.0



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: 58.53 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000662.D

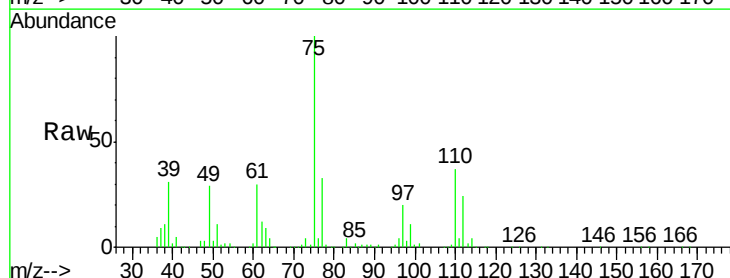
Acq: 04 Apr 2018 17:18

Tgt Ion: 75 Resp: 138753

Ion Ratio Lower Upper

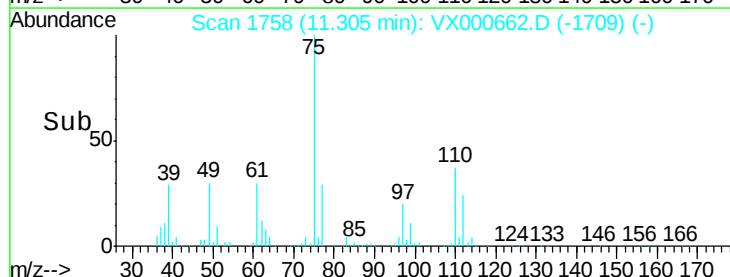
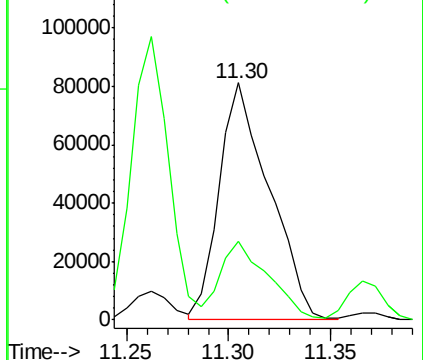
75 100

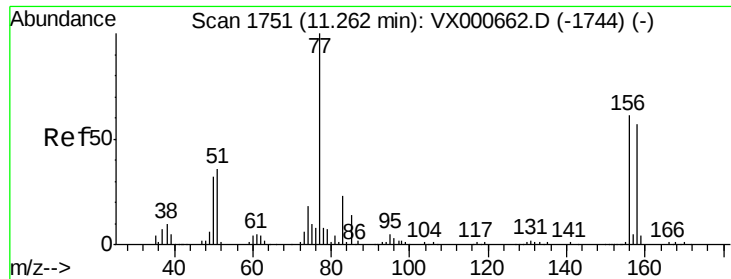
77 31.7 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 39.29 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

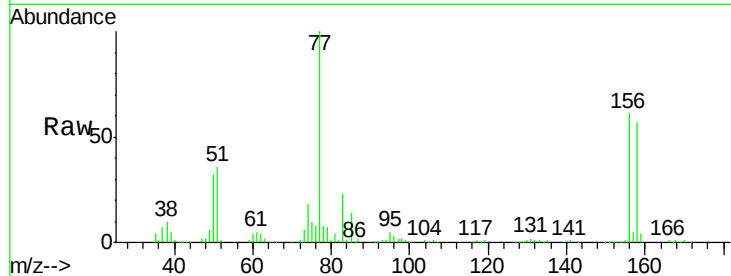
Tot Ion:156 Resp: 75392

Ion Ratio Lower Upper

156 100

77 164.6 82.3 246.9

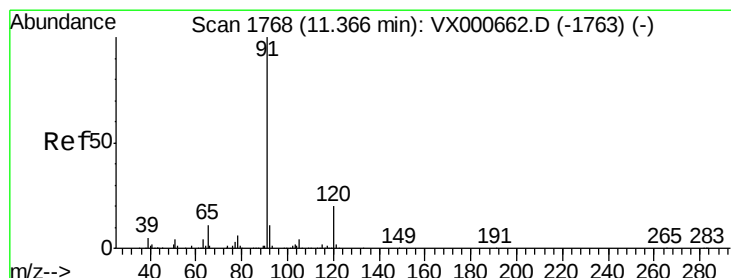
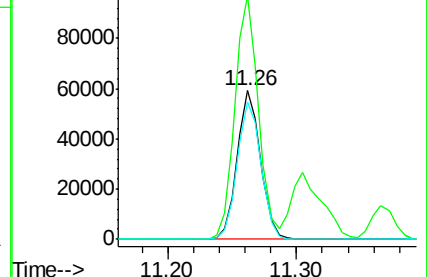
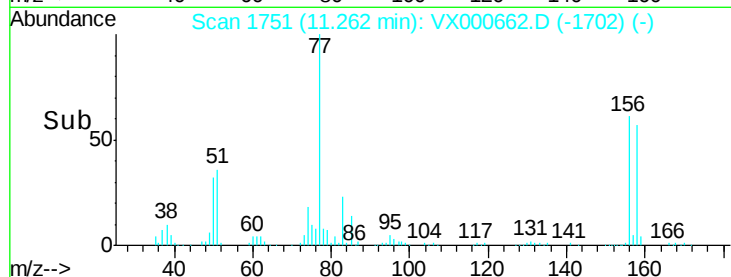
158 93.8 46.9 140.7



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: 44.75 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000662.D

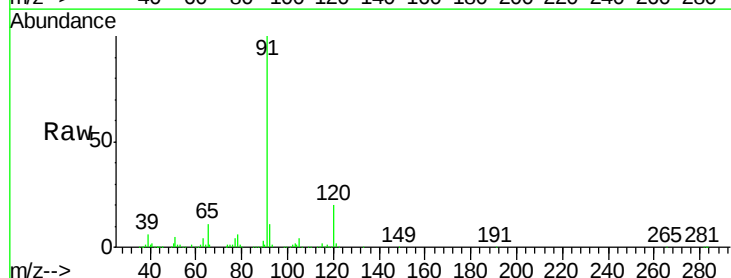
Acq: 04 Apr 2018 17:18

Tgt Ion: 91 Resp: 389412

Ion Ratio Lower Upper

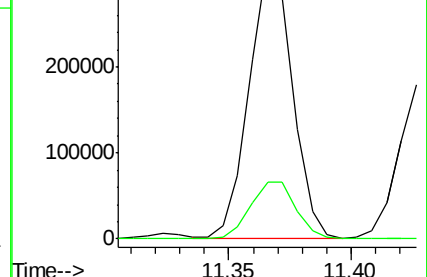
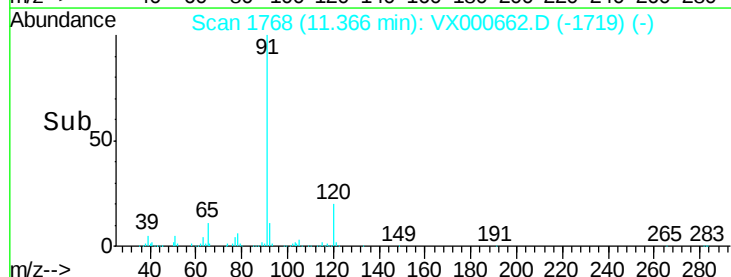
91 100

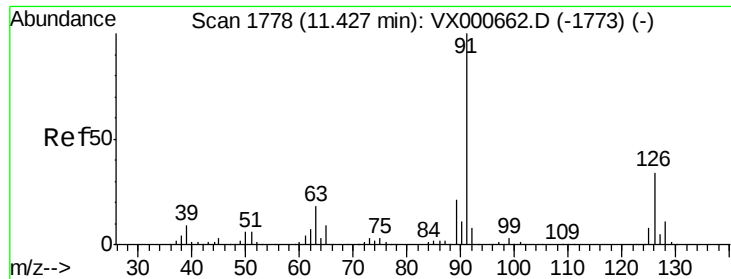
120 21.9 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

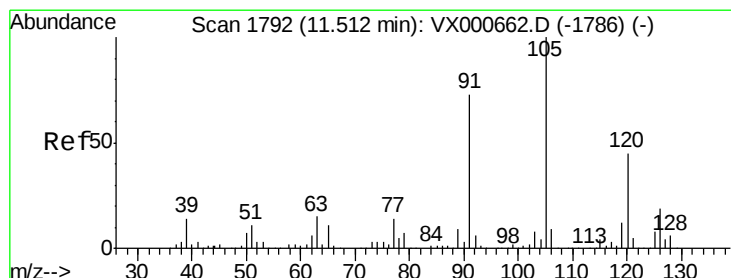
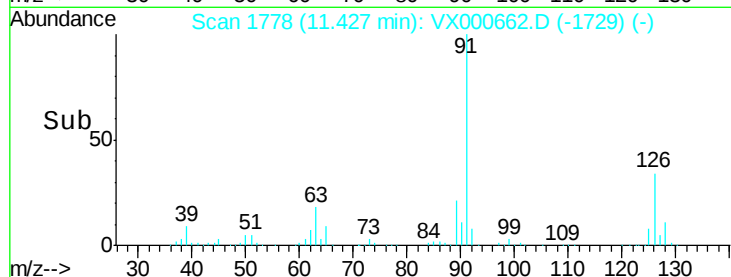
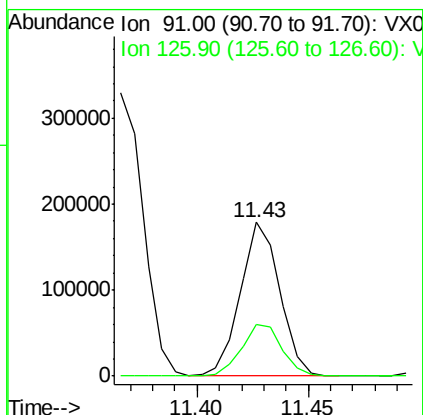
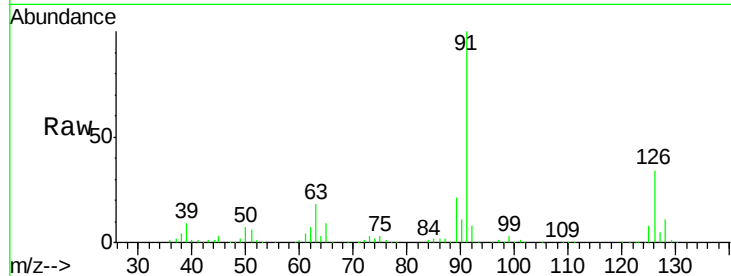




#79
 2-Chlorotoluene
 Concen: 43.71 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

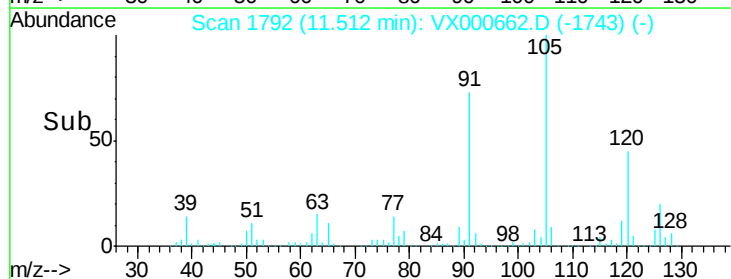
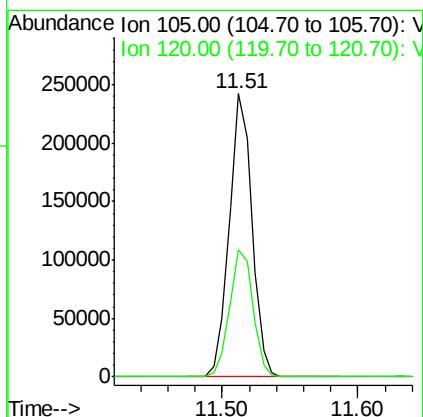
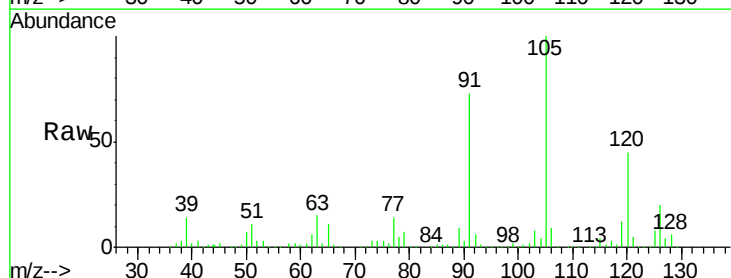
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

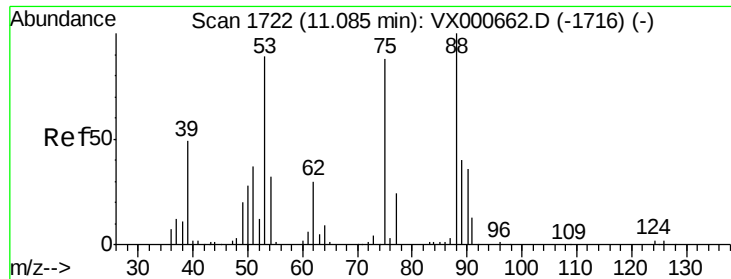
Tot Ion: 91 Resp: 219337
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.3 51.9



#80
 1,3,5-Trimethylbenzene
 Concen: 45.92 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

Tgt Ion: 105 Resp: 280451
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 45.58 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

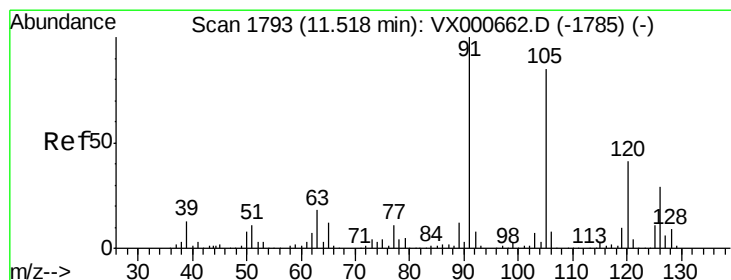
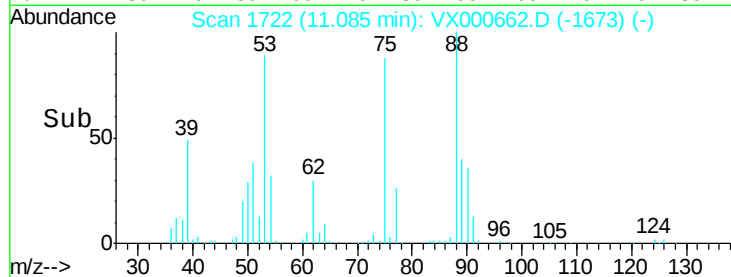
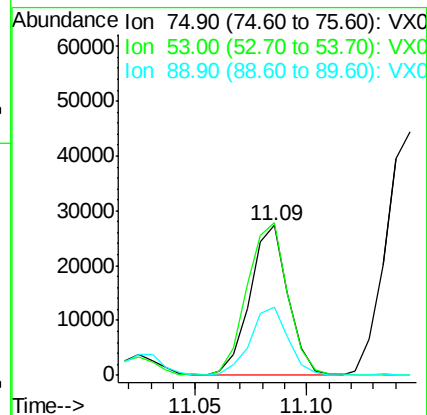
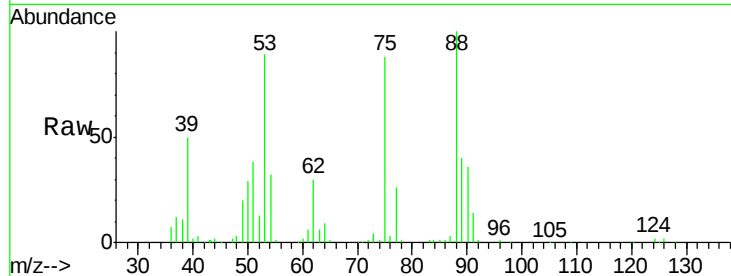
Tot Ion: 75 Resp: 32891

Ion Ratio Lower Upper

75 100

53 107.1 85.7 128.5

89 45.4 36.3 54.5



#82

4-Chlorotoluene

Concen: 47.14 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000662.D

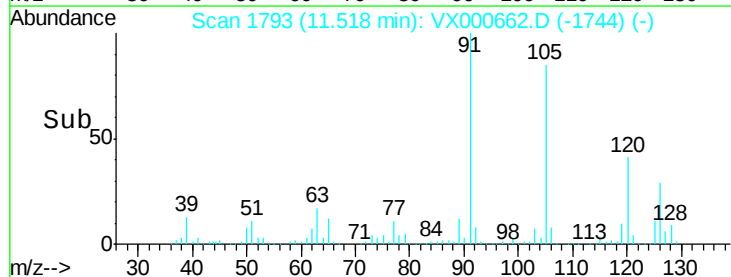
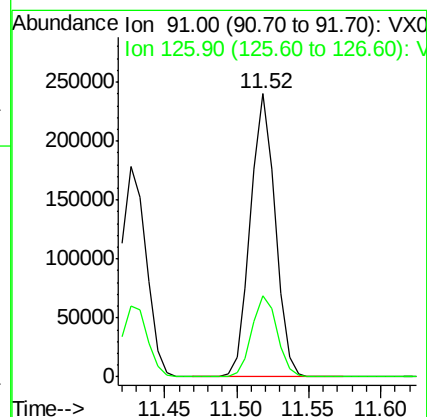
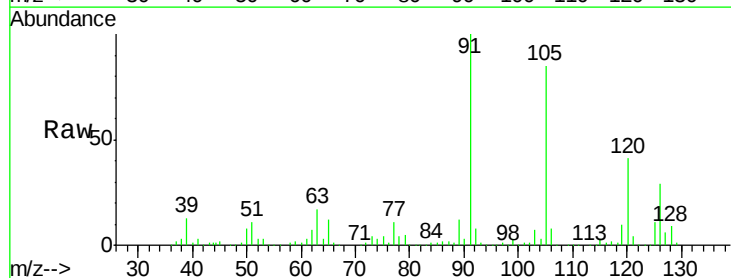
Acq: 04 Apr 2018 17:18

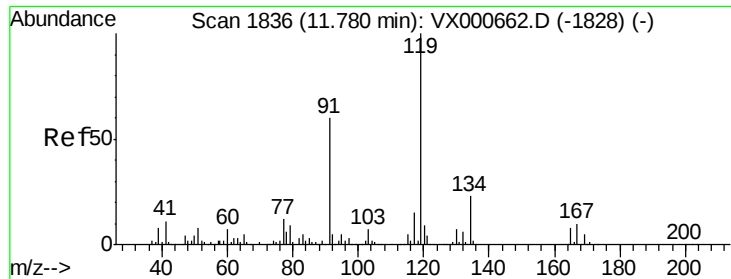
Tgt Ion: 91 Resp: 284950

Ion Ratio Lower Upper

91 100

126 29.5 14.8 44.3

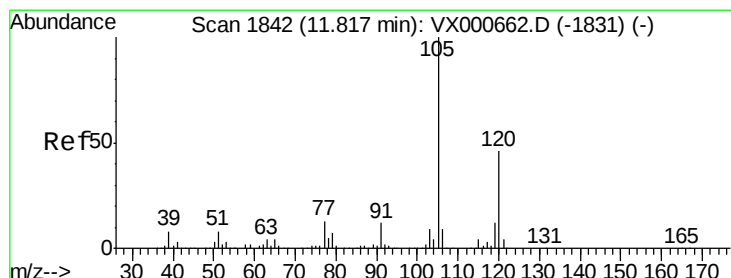
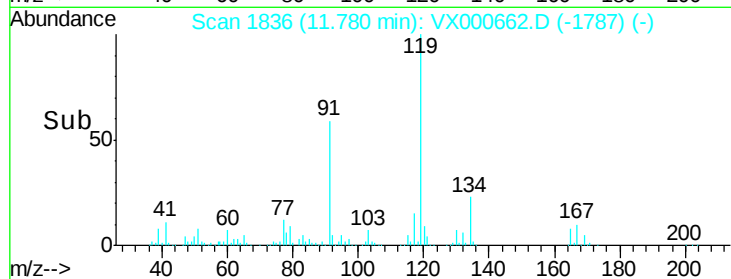
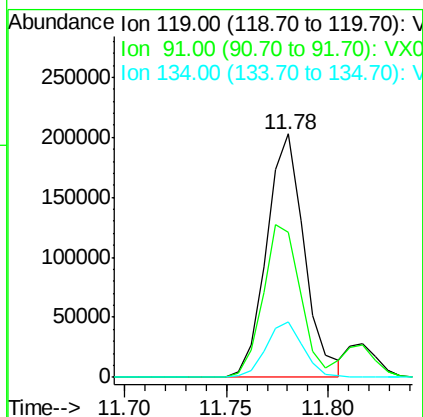
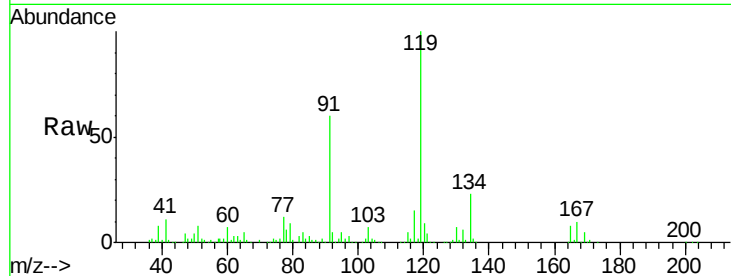




#83
 tert-Butylbenzene
 Concen: 42.85 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

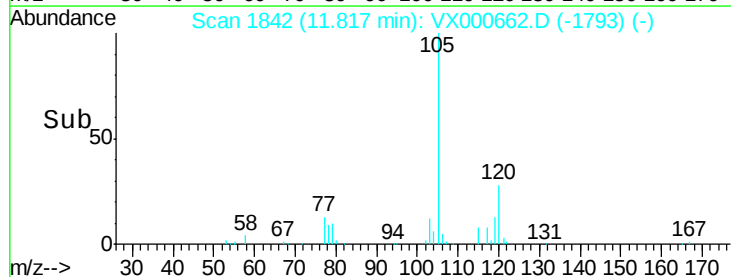
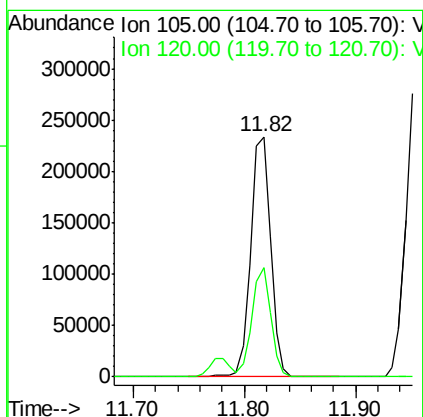
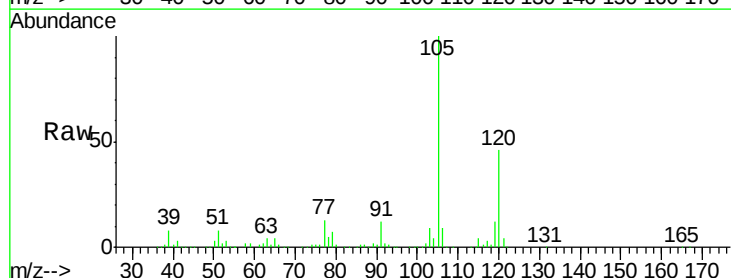
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

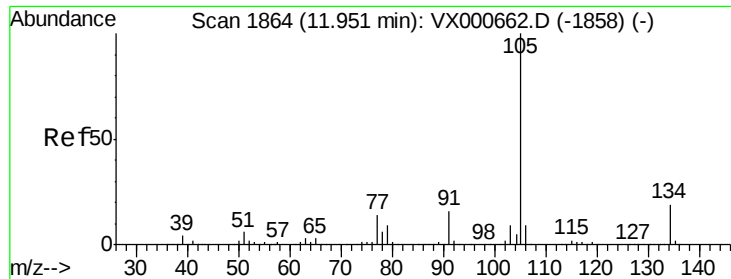
Tot Ion:119 Resp: 262410
 Ion Ratio Lower Upper
 119 100
 91 61.9 30.9 92.8
 134 22.2 11.1 33.3



#84
 1,2,4-Trimethylbenzene
 Concen: 45.55 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

Tgt Ion:105 Resp: 291702
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.6 65.0

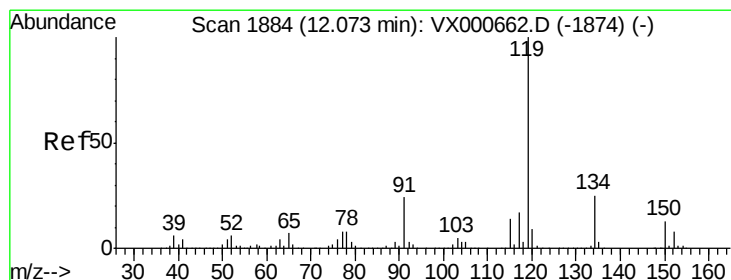
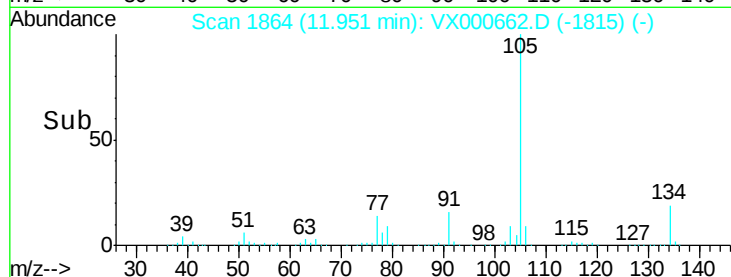
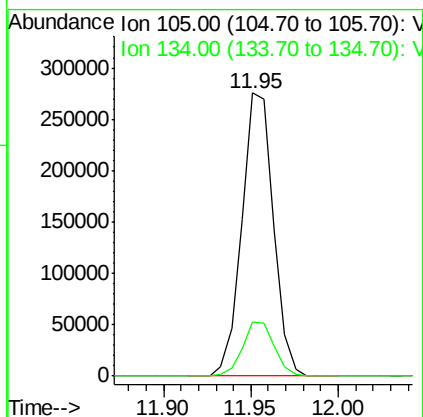
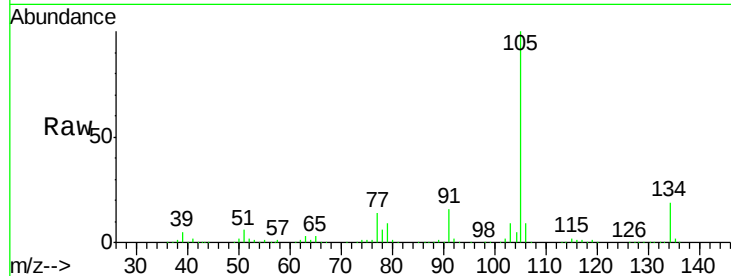




#85
 sec-Butylbenzene
 Concen: 45.30 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

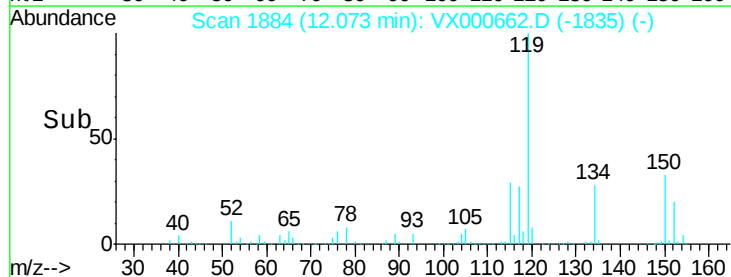
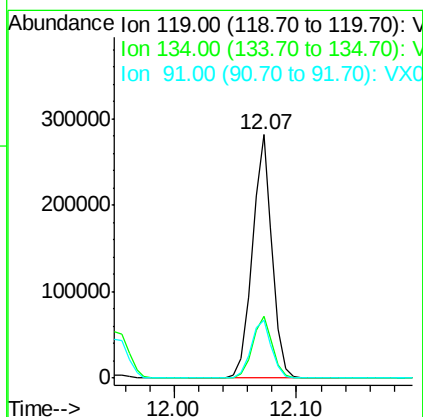
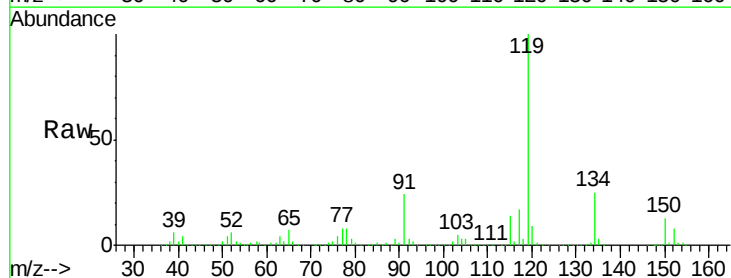
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

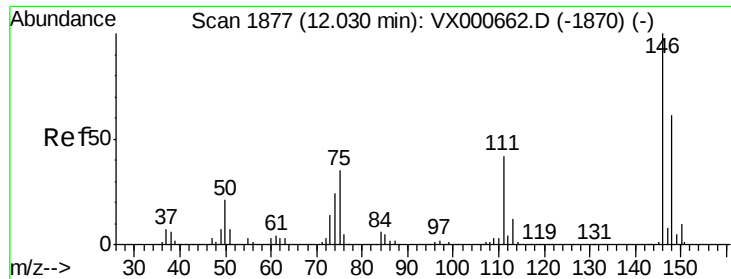
Tot Ion:105 Resp: 345298
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 46.32 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

Tgt Ion:119 Resp: 313787
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 25.1 12.6 37.6

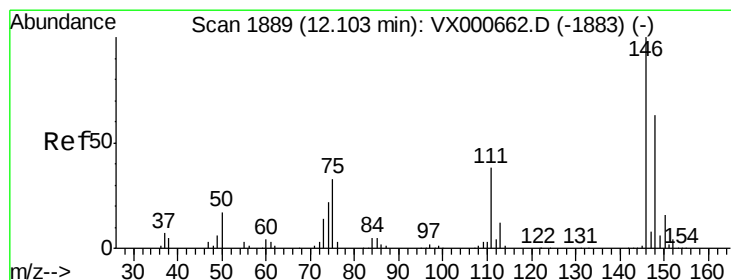
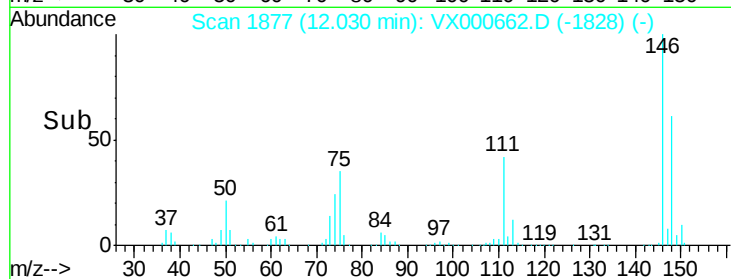
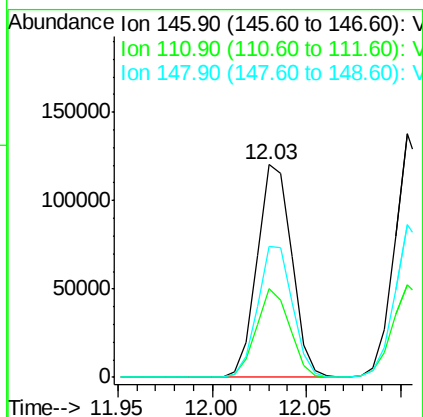
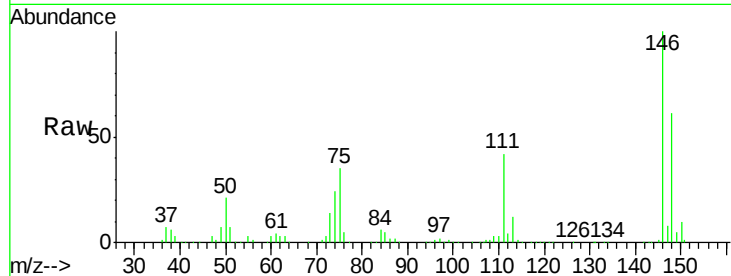




#87
 1,3-Dichlorobenzene
 Concen: 42.21 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

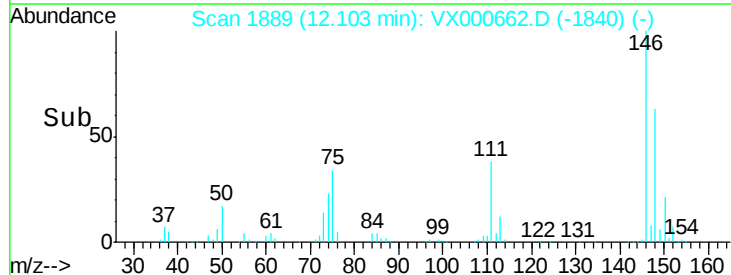
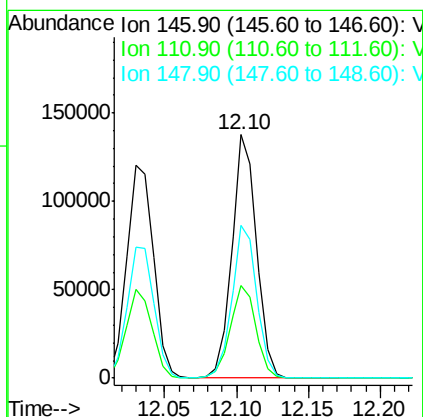
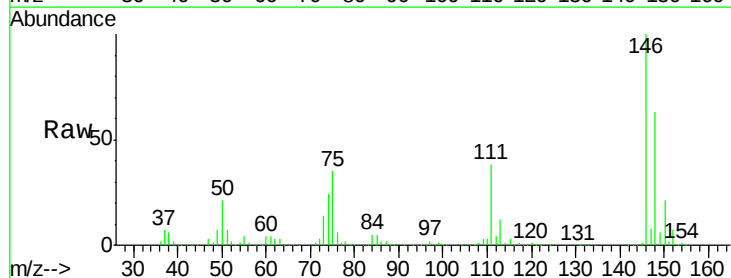
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

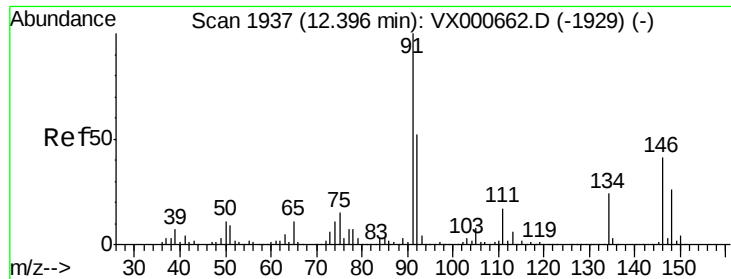
Tot Ion:146 Resp: 153742
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.2 60.6
 148 62.0 31.0 93.0



#88
 1,4-Dichlorobenzene
 Concen: 42.88 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

Tgt Ion:146 Resp: 164881
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.1 60.3
 148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 48.62 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

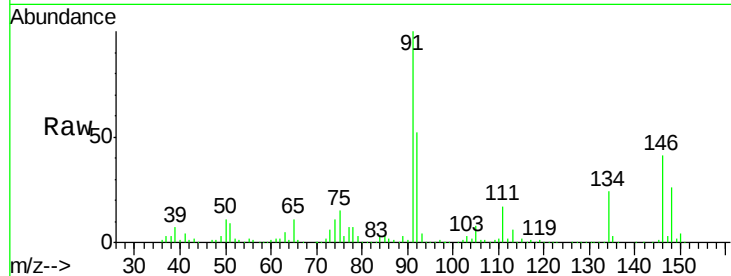
Tot Ion: 91 Resp: 310778

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.8

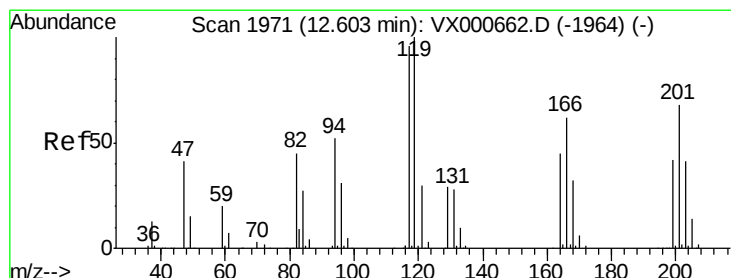
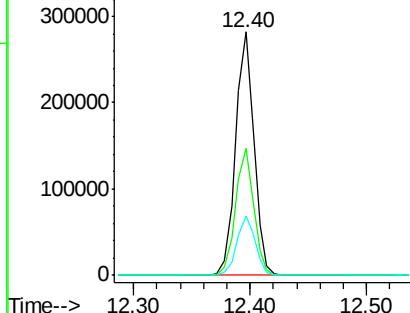
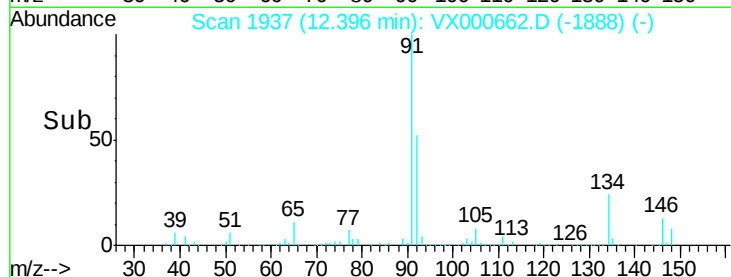
134 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX000662.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX000662.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX000662.D (-1929) (-)



#90

Hexachloroethane

Concen: 45.16 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000662.D

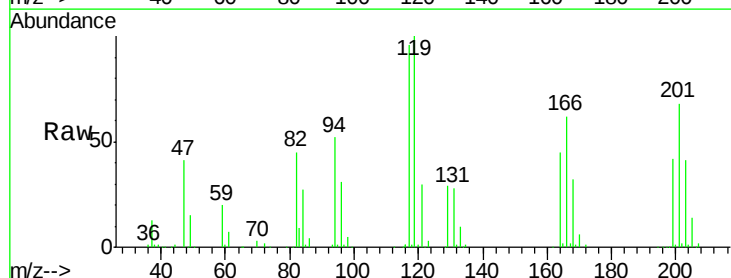
Acq: 04 Apr 2018 17:18

Tgt Ion: 117 Resp: 47684

Ion Ratio Lower Upper

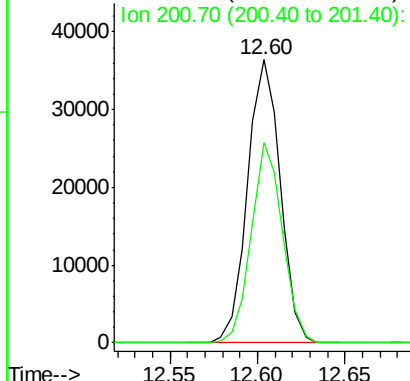
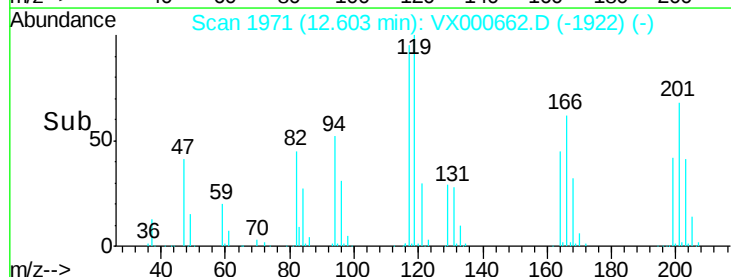
117 100

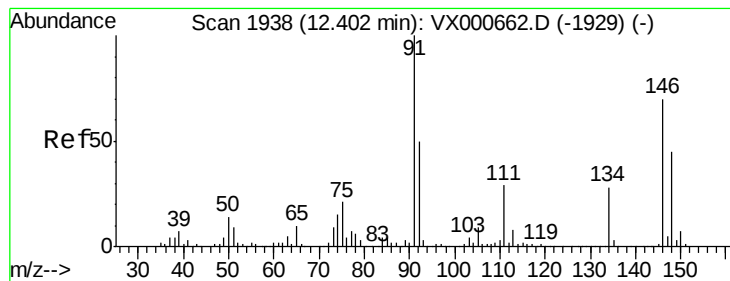
201 67.7 33.9 101.6



Abundance Ion 116.80 (116.50 to 117.50): VX000662.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX000662.D (-1964) (-)





#91

1,2-Dichlorobenzene

Concen: 43.86 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

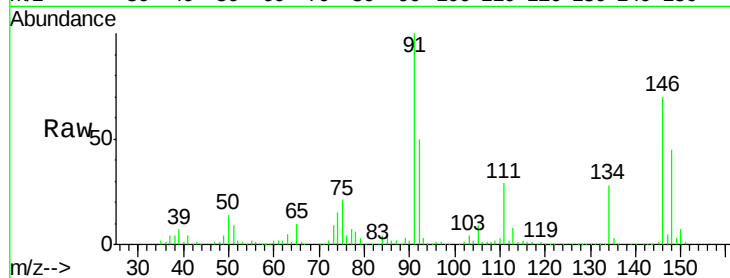
Tot Ion:146 Resp: 156880

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.7

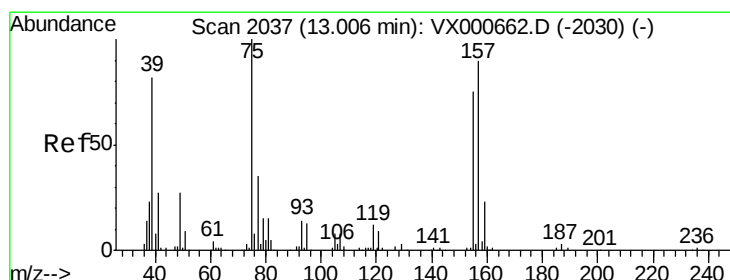
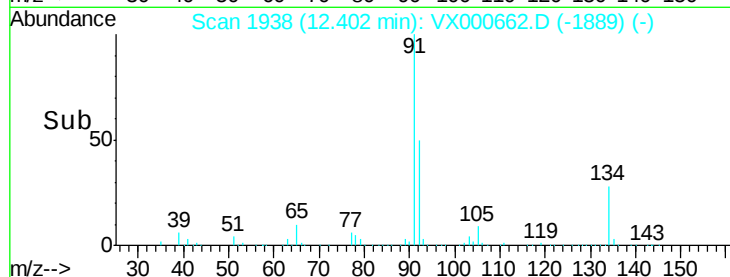
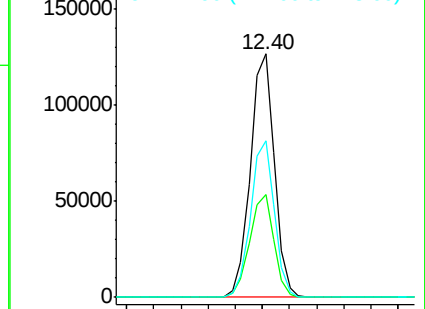
148 63.5 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.48 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX000662.D

Acq: 04 Apr 2018 17:18

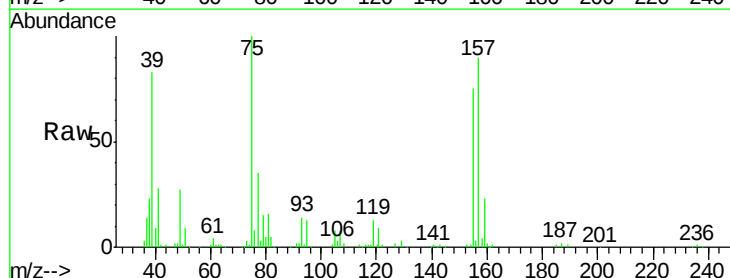
Tgt Ion: 75 Resp: 35202

Ion Ratio Lower Upper

75 100

155 77.8 38.9 116.7

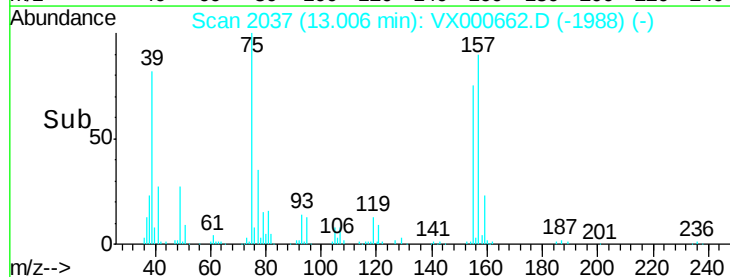
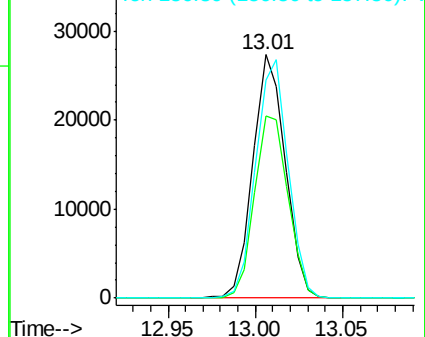
157 98.2 49.1 147.3

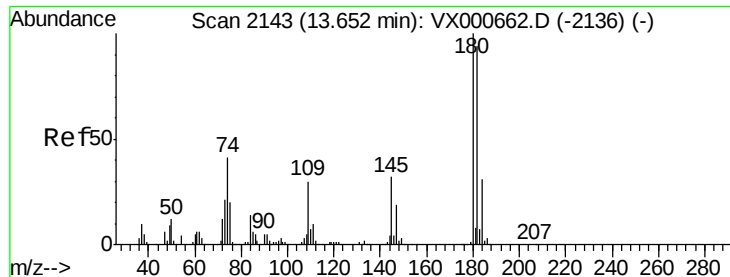


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

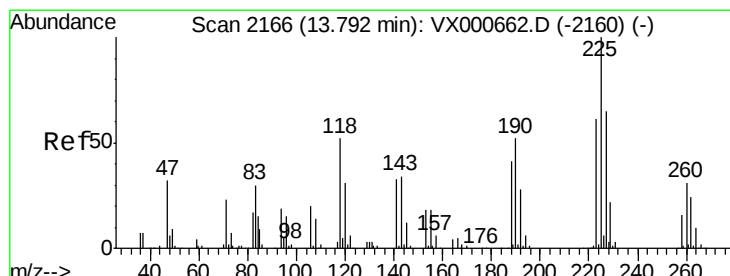
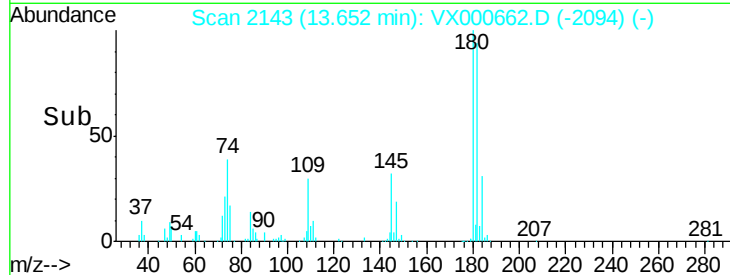
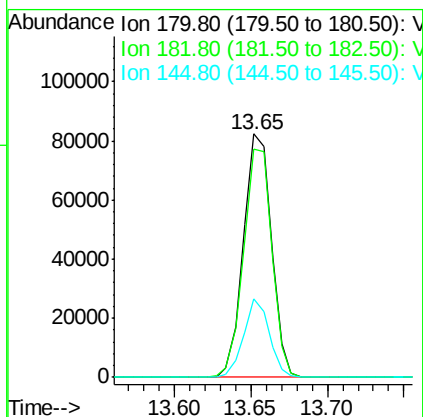
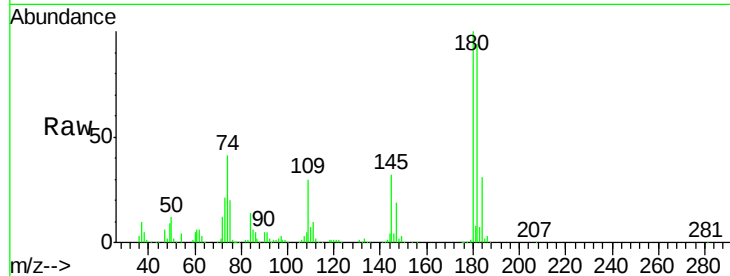




#93
 1,2,4-Trichlorobenzene
 Concen: 41.00 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

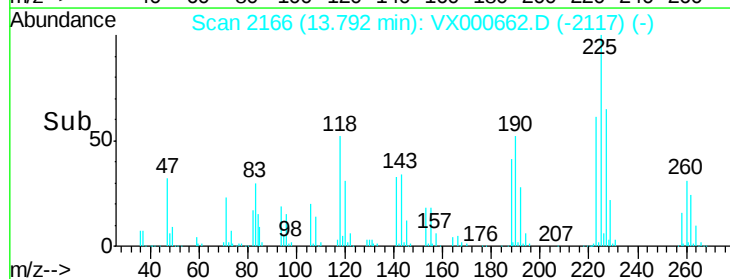
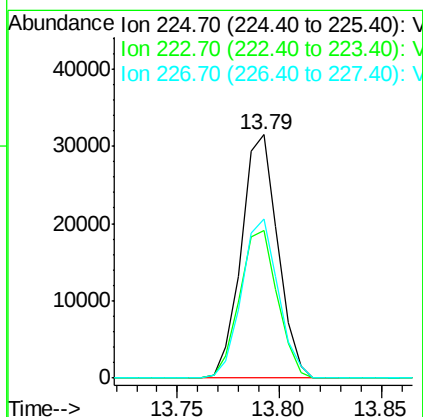
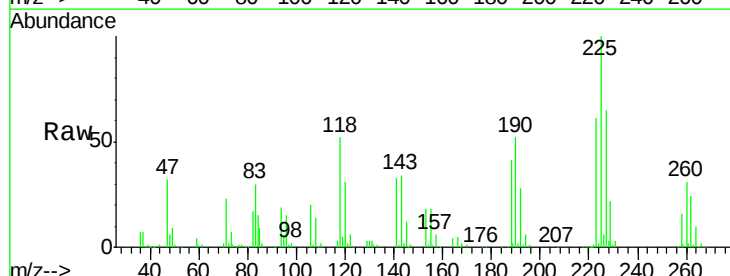
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

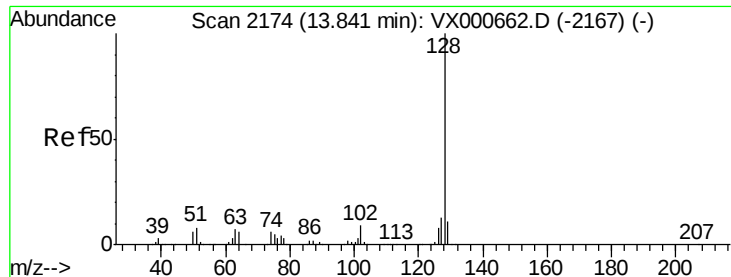
Tot Ion:180 Resp: 104937
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.4 142.2
 145 29.5 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 37.63 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000662.D
 Acq: 04 Apr 2018 17:18

Tgt Ion:225 Resp: 39188
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.4 94.0
 227 65.4 32.7 98.1

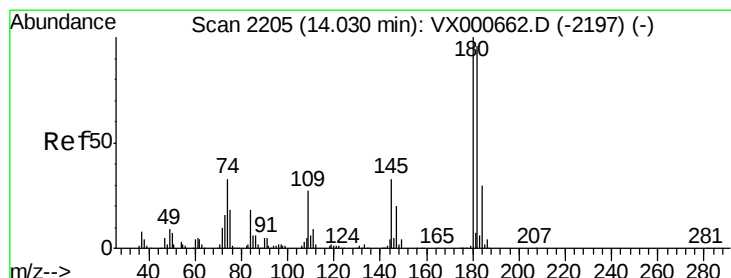
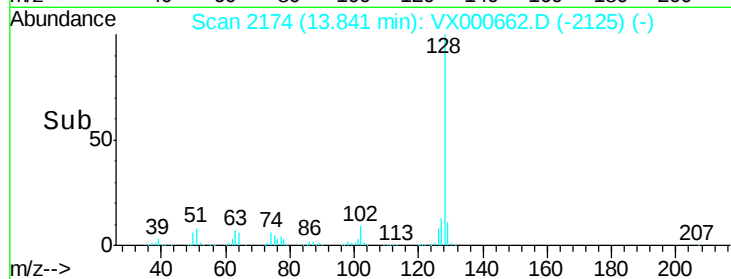
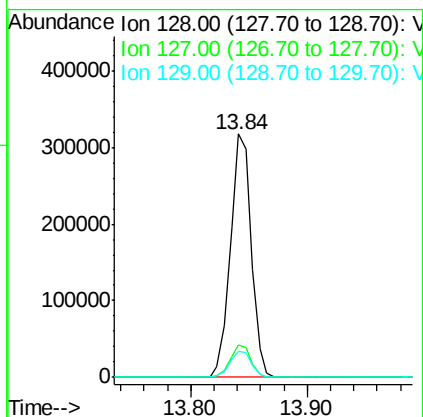
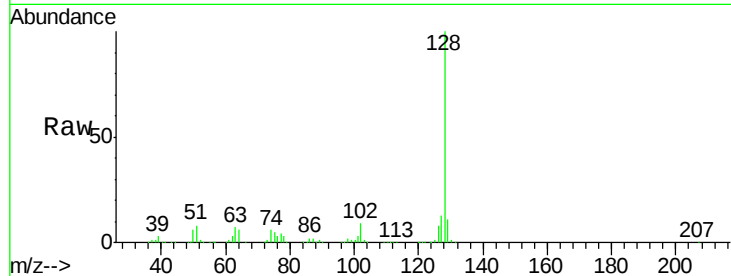




#95
Naphthalene
Concen: 44.32 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 395368
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 41.49 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000662.D
Acq: 04 Apr 2018 17:18

Tgt Ion:180 Resp: 104479
Ion Ratio Lower Upper
180 100
182 94.4 47.2 141.6
145 33.6 16.8 50.4

