

Data File : VX000318.D

Acq On : 14 Mar 2018 17:16

Operator : JC/MD

Sample : VSTDICCC050

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Mar 15 01:32:11 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 15 01:30:01 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	122839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	203396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	211347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	132778	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	81846	62.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.20%	
35) Dibromofluoromethane	5.52	113	64047	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
50) Toluene-d8	8.73	98	266204	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
62) 4-Bromofluorobenzene	11.15	95	106459	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61836	58.72	ug/l	100
3) Chloromethane	1.32	50	61848	53.94	ug/l	100
4) Vinyl Chloride	1.41	62	75031	62.81	ug/l	100
5) Bromomethane	1.64	94	83722	82.58	ug/l	100
6) Chloroethane	1.73	64	48458	72.61	ug/l	100
7) Trichlorofluoromethane	1.93	101	127490	63.58	ug/l	100
8) Diethyl Ether	2.20	74	44351	64.69	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68904	60.12	ug/l	100
10) Methyl Iodide	2.51	142	75166	51.25	ug/l	100
11) Tert butyl alcohol	3.08	59	130137	275.96	ug/l	100
12) 1,1-Dichloroethene	2.38	96	64572	63.15	ug/l	100
13) Acrolein	2.30	56	53881	208.70	ug/l	100
14) Allyl chloride	2.73	41	114823	59.28	ug/l	100
15) Acrylonitrile	3.16	53	255940	317.00	ug/l	100
16) Acetone	2.45	43	279886	283.74	ug/l	100
17) Carbon Disulfide	2.57	76	190156	58.61	ug/l	100
18) Methyl Acetate	2.78	43	121093	61.35	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	228235	62.93	ug/l	100
20) Methylene Chloride	2.87	84	71053	61.18	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	70582	62.02	ug/l	100
22) Diisopropyl ether	3.88	45	173561	52.71	ug/l	100
23) Vinyl Acetate	3.84	43	841612	288.01	ug/l	100
24) 1,1-Dichloroethane	3.70	63	119057	62.70	ug/l	100
25) 2-Butanone	4.72	43	327130	248.98	ug/l	100
26) 2,2-Dichloropropane	4.59	77	84475	50.47	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	63019	53.38	ug/l	100
28) Bromochloromethane	5.03	49	55729	62.28	ug/l	100
29) Tetrahydrofuran	5.18	42	207583	257.54	ug/l	100
30) Chloroform	5.23	83	114231	57.31	ug/l	100
31) Cyclohexane	5.59	56	92044	53.08	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	102628	55.40	ug/l	100
36) 1,1-Dichloropropene	5.81	75	87742	48.67	ug/l	100
37) Ethyl Acetate	4.87	43	115038	45.81	ug/l	100
38) Carbon Tetrachloride	5.79	117	90307	45.89	ug/l	100

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Quant Time: Mar 15 01:32:11 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 15 01:30:01 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	102638	45.22	ug/l	100
40) Benzene	6.15	78	253476	49.57	ug/l	100
41) Methacrylonitrile	5.07	41	60029	45.48	ug/l	100
42) 1,2-Dichloroethane	6.21	62	98960	53.33	ug/l	100
43) Isopropyl Acetate	6.48	43	174047	46.67	ug/l	100
44) Trichloroethene	7.23	130	70330	43.55	ug/l	100
45) 1,2-Dichloropropane	7.52	63	63258	48.06	ug/l	100
46) Dibromomethane	7.67	93	49173	50.09	ug/l	100
47) Bromodichloromethane	7.91	83	90764	48.84	ug/l	100
48) Methyl methacrylate	7.79	41	85903	46.54	ug/l	100
49) 1,4-Dioxane	7.77	88	38131	818.45	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	666762	251.95	ug/l	100
52) Toluene	8.79	92	175405	51.24	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	107701	48.55	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	107938	49.68	ug/l	100
55) 1,1,2-Trichloroethane	9.23	97	71464	50.40	ug/l	100
56) Ethyl methacrylate	9.19	69	110162	48.63	ug/l	100
57) 1,3-Dichloropropane	9.38	76	116456	51.70	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	256119	242.67	ug/l	100
59) 2-Hexanone	9.51	43	571881	251.53	ug/l	100
60) Dibromochloromethane	9.59	129	78909	47.51	ug/l	100
61) 1,2-Dibromoethane	9.68	107	80505	51.62	ug/l	100
64) Tetrachloroethene	9.34	164	68488	38.47	ug/l	100
65) Chlorobenzene	10.15	112	207416	46.62	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	71428	43.69	ug/l	100
67) Ethyl Benzene	10.26	91	354173	47.97	ug/l	100
68) m/p-Xylenes	10.37	106	280787	96.18	ug/l	100
69) o-Xylene	10.71	106	135908	48.22	ug/l	100
70) Styrene	10.72	104	229091	48.42	ug/l	100
71) Bromoform	10.87	173	62542	36.30	ug/l	# 100
73) Isopropylbenzene	11.02	105	371009	46.44	ug/l	100
74) N-amyl acetate	6.48	43	174047	41.25	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	131452	46.74	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	157806	46.23	ug/l	83
77) Bromobenzene	11.26	156	95491	42.01	ug/l	100
78) n-propylbenzene	11.37	91	446992	47.53	ug/l	100
79) 2-Chlorotoluene	11.43	91	253689	46.86	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	327085	47.91	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	38851	39.46	ug/l	100
82) 4-Chlorotoluene	11.52	91	317050	48.29	ug/l	100
83) tert-Butylbenzene	11.78	119	313026	44.92	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	337433	47.54	ug/l	100
85) sec-Butylbenzene	11.96	105	395473	46.92	ug/l	100
86) p-Isopropyltoluene	12.07	119	359729	45.83	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	187458	42.86	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	201639	44.19	ug/l	100
89) n-Butylbenzene	12.40	91	336311	46.32	ug/l	100
90) Hexachloroethane	12.60	117	56622	44.91	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	188881	44.58	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	36146	41.70	ug/l	100

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031418\
Quantitation Report (Not Reviewed)

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Instrument :
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ClientSampleId :
VSTDICCC050

Quant Time: Mar 15 01:32:11 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 15 01:30:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	130659	35.74	ug/l	100
94) Hexachlorobutadiene	13.79	225	49285	25.46	ug/l	100
95) Naphthalene	13.85	128	471004	43.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	128319	36.16	ug/l	100

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

Data File : VX000318.D

Acq On : 14 Mar 2018 17:16

Operator : JC/MD

Sample : VSTDICCC050

Misc : 5.0mL/MSVOA X/WATER

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ALS Vial      : 5      Sample Multiplier: 1
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Instrument :

MSVOA X

ClientSampleId :

VSTDICCC050

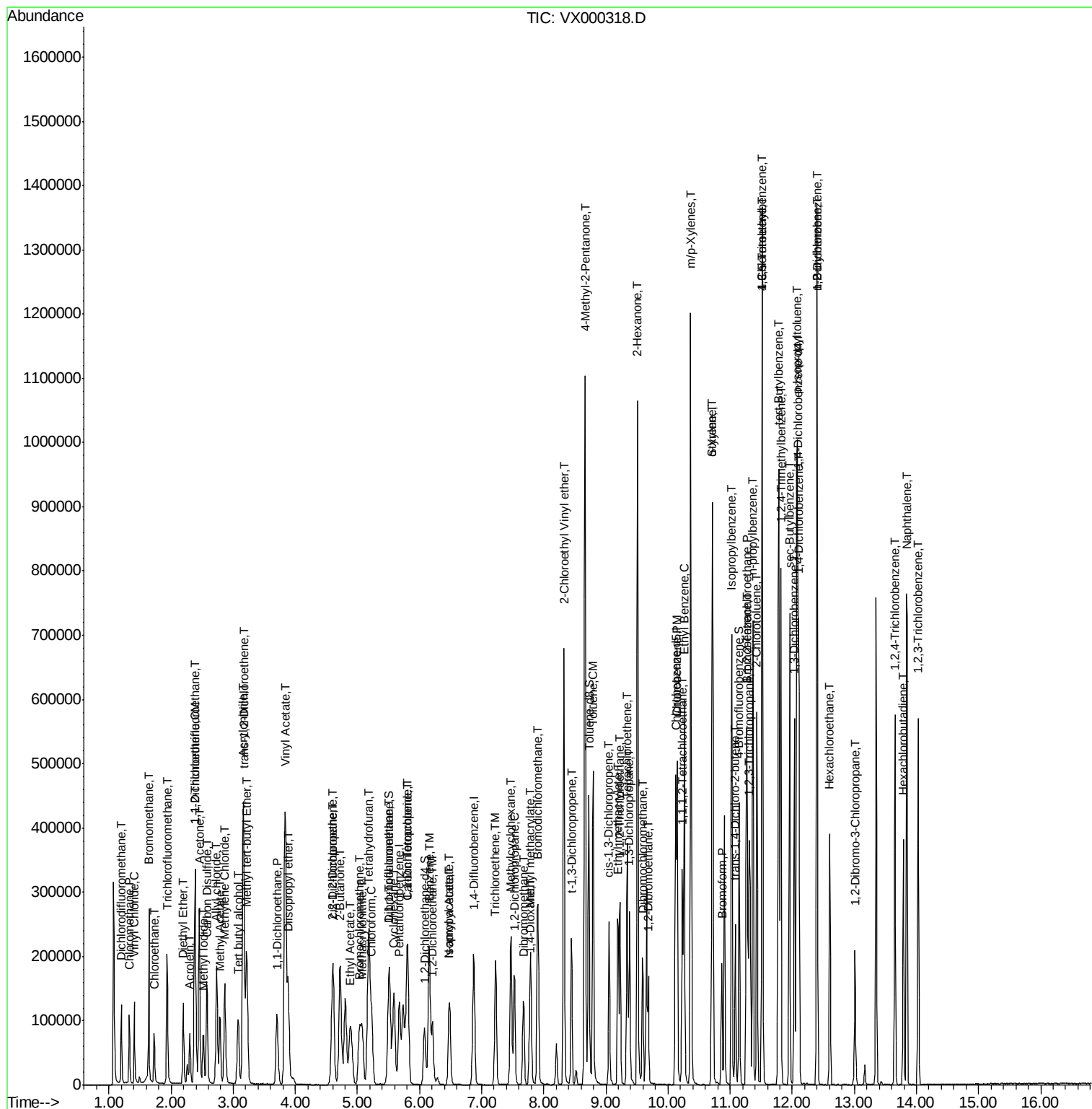
Quant Time: Mar 15 01:32:11 2018

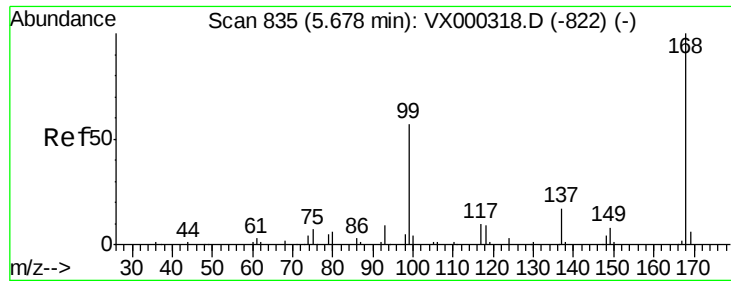
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M

Quant Title : SW846 8260

QLast Update : Thu Mar 15 01:30:01 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

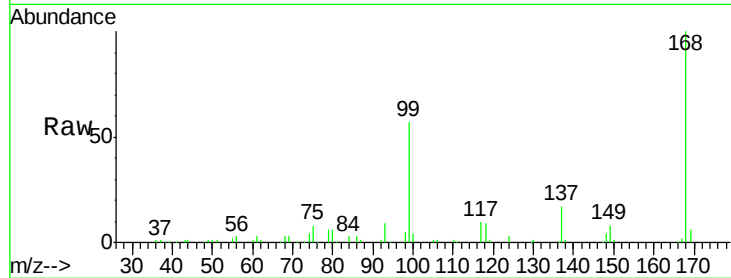
VSTDICCC050

Tgt Ion:168 Resp: 122839

Ion Ratio Lower Upper

168 100

99 57.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

30000

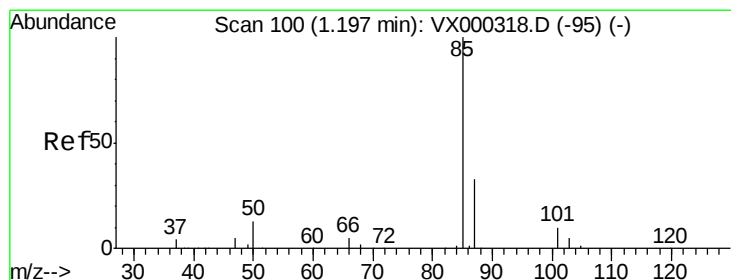
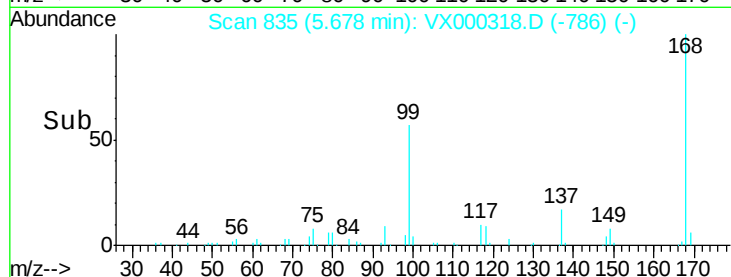
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 58.72 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000318.D

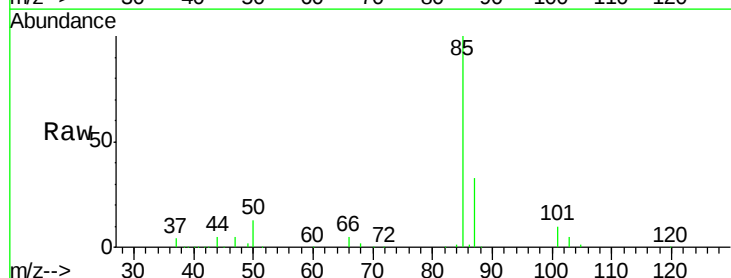
Acq: 14 Mar 2018 17:16

Tgt Ion: 85 Resp: 61836

Ion Ratio Lower Upper

85 100

87 33.5 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

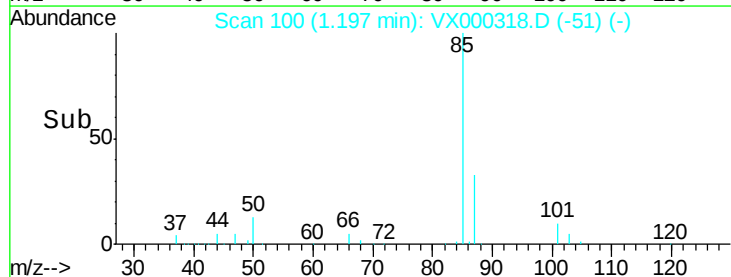
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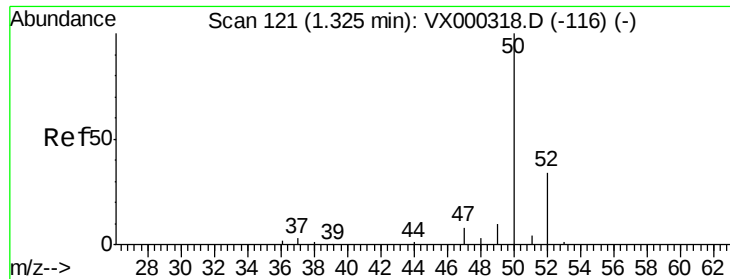
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 53.94 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

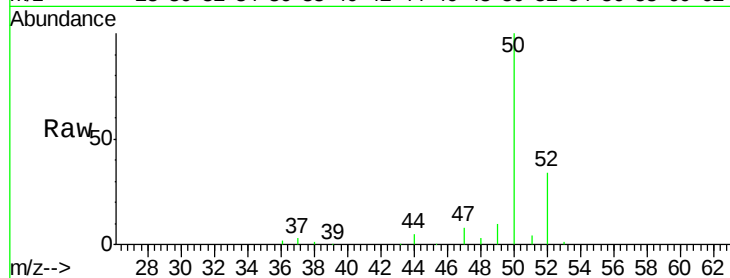
VSTDICCC050

Tgt Ion: 50 Resp: 61848

Ion Ratio Lower Upper

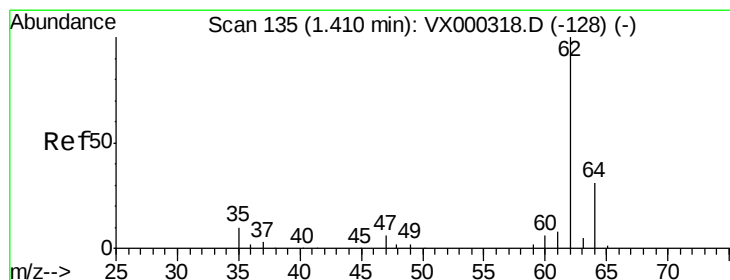
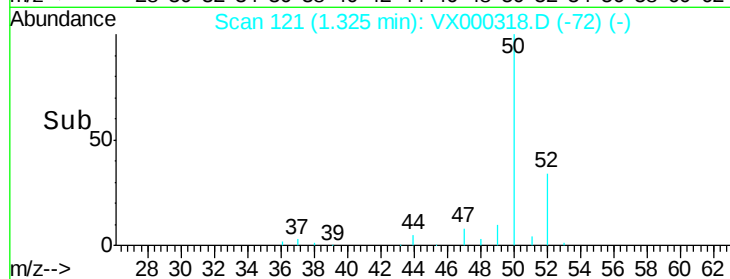
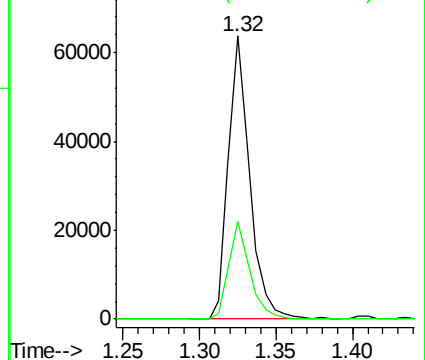
50 100

52 34.4 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 62.81 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000318.D

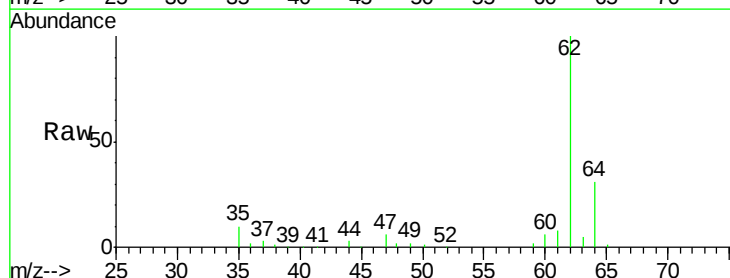
Acq: 14 Mar 2018 17:16

Tgt Ion: 62 Resp: 75031

Ion Ratio Lower Upper

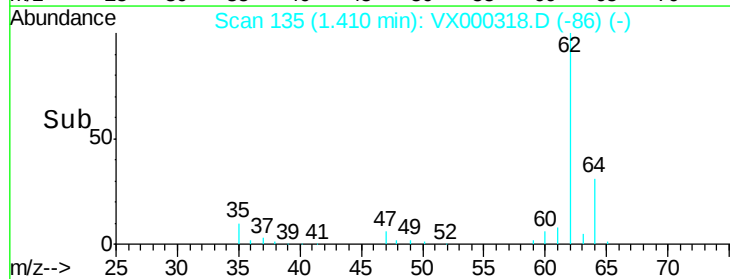
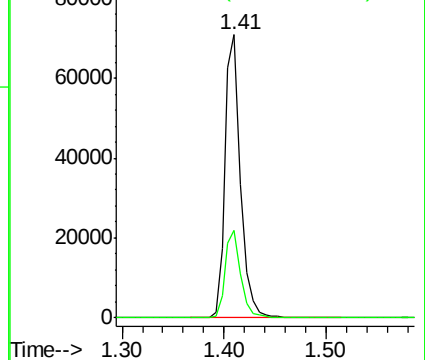
62 100

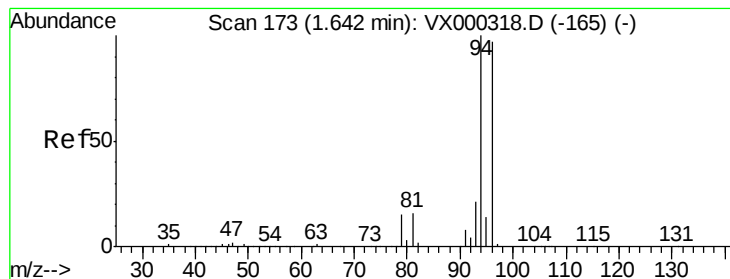
64 31.0 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 82.58 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

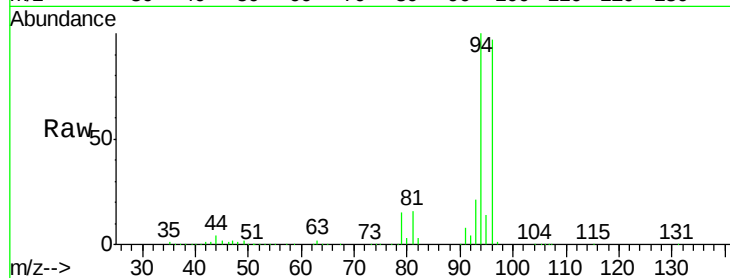
VSTDICCC050

Tgt Ion: 94 Resp: 83722

Ion Ratio Lower Upper

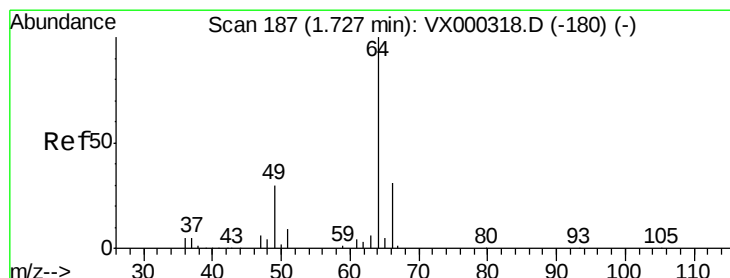
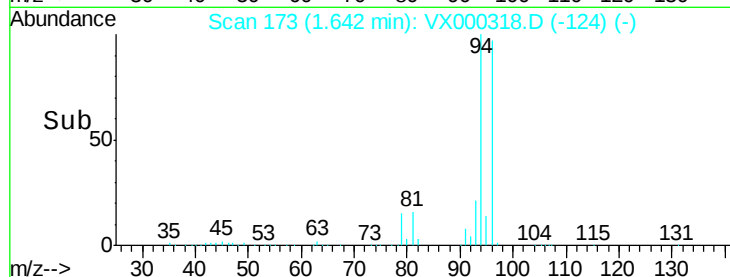
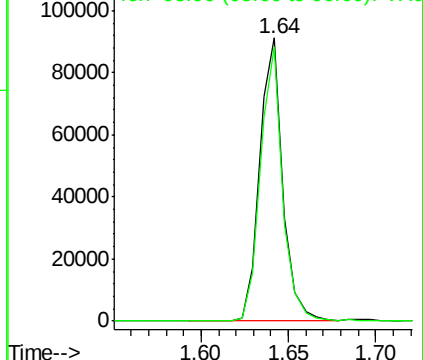
94 100

96 97.1 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 72.61 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000318.D

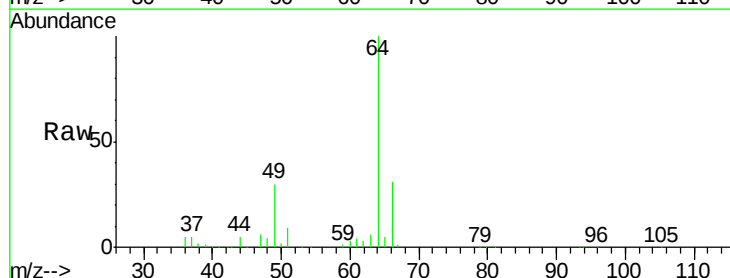
Acq: 14 Mar 2018 17:16

Tgt Ion: 64 Resp: 48458

Ion Ratio Lower Upper

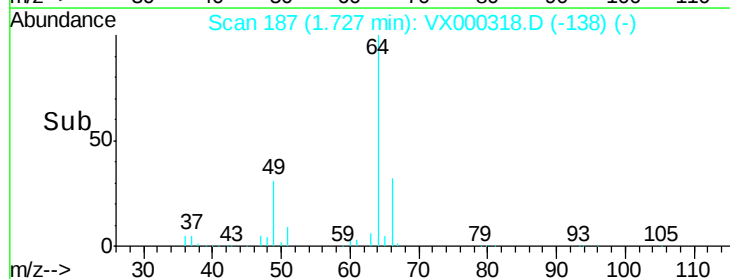
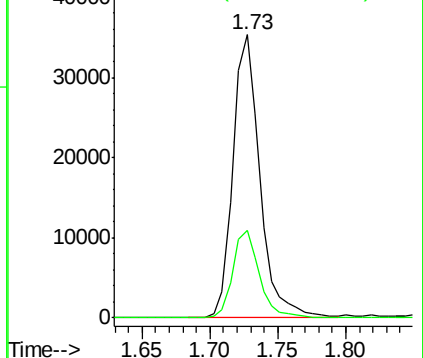
64 100

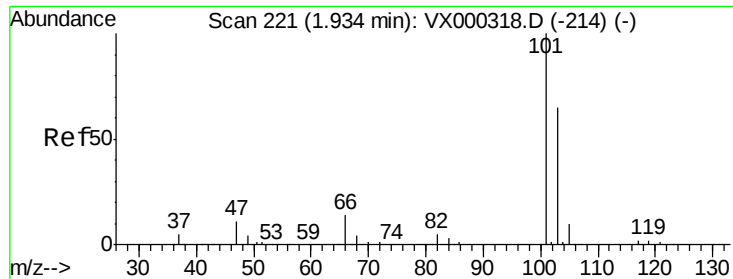
66 31.0 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



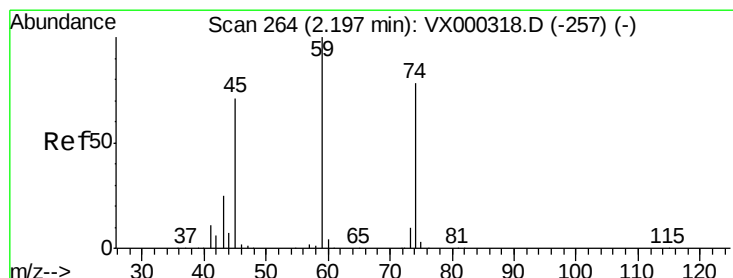
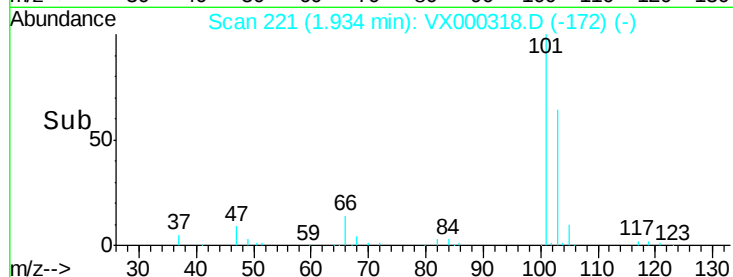
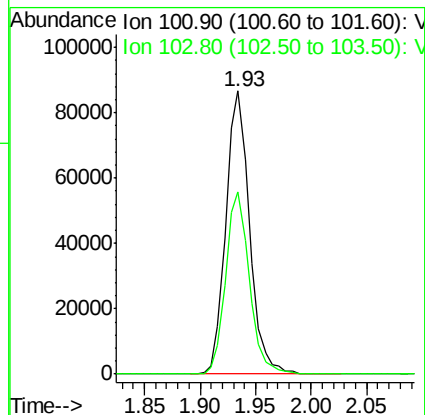
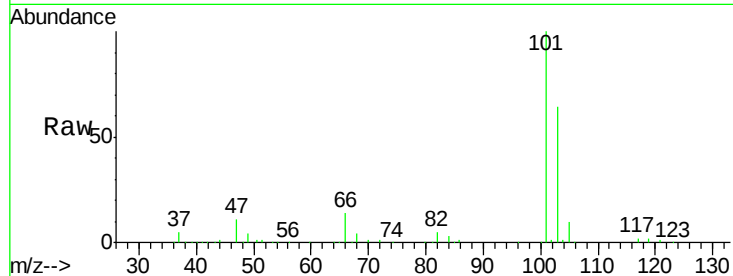


#7

Trichlorofluoromethane
 Concen: 63.58 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

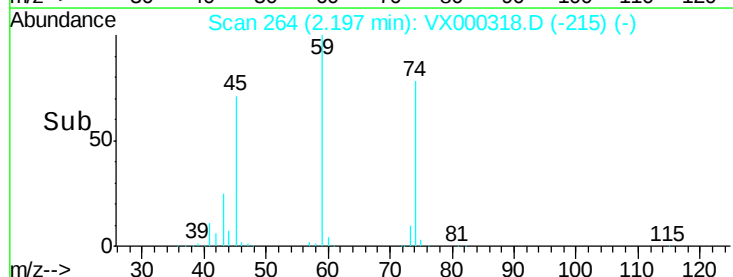
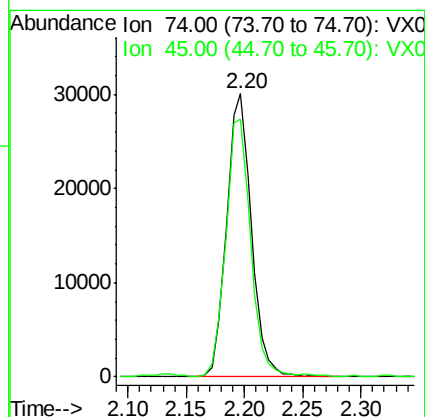
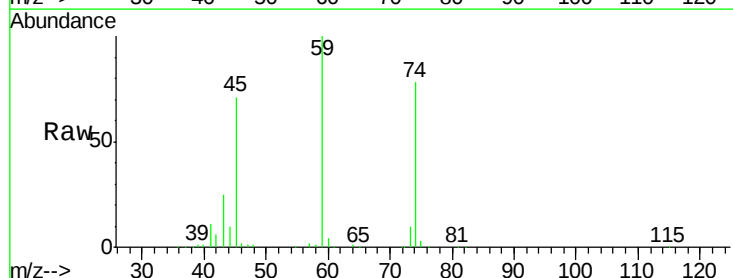
Tgt Ion:101 Resp: 127490
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4

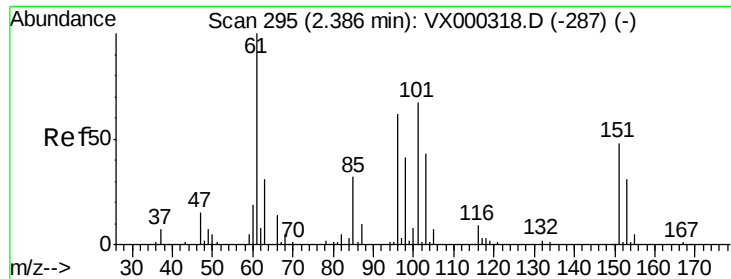


#8

Diethyl Ether
 Concen: 64.69 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

Tgt Ion: 74 Resp: 44351
 Ion Ratio Lower Upper
 74 100
 45 90.2 45.1 135.3

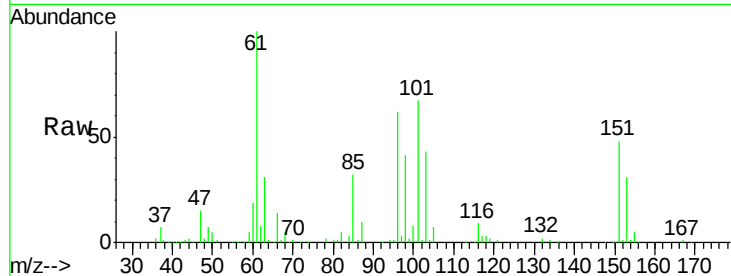




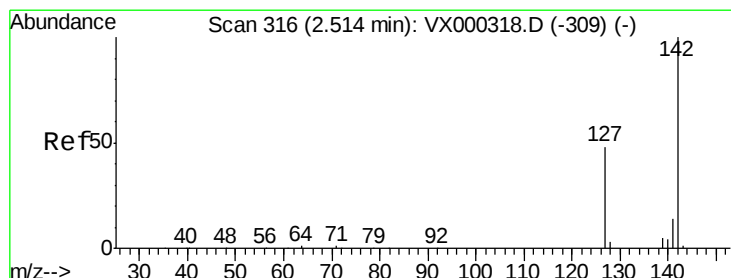
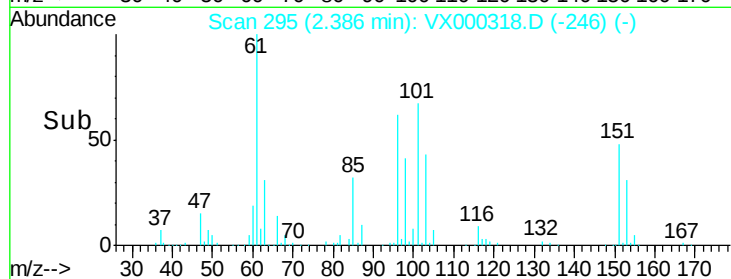
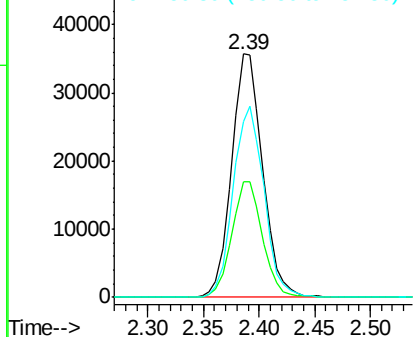
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 60.12 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:101 Resp: 68904
 Ion Ratio Lower Upper
 101 100
 85 47.0 37.6 56.4
 151 78.2 62.6 93.8

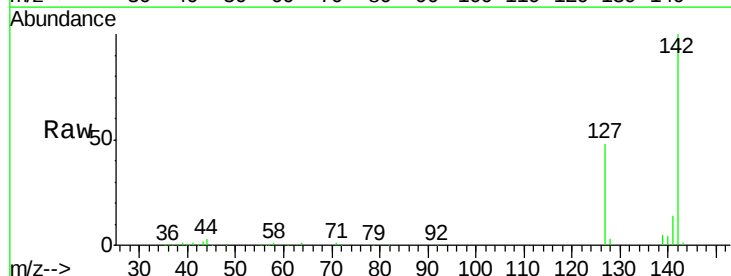


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

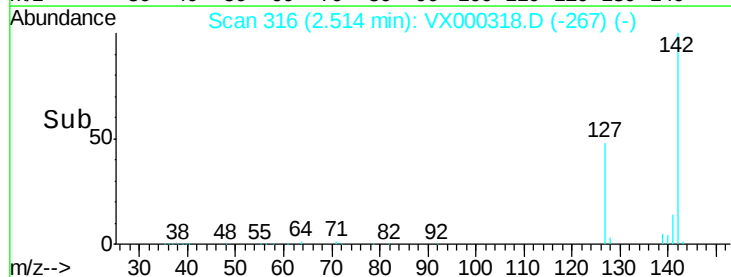
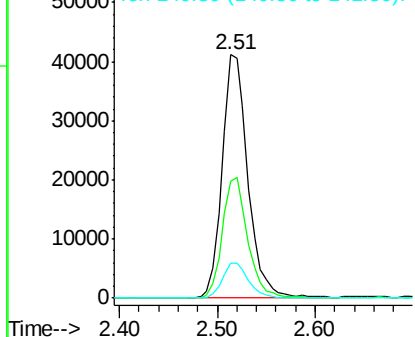


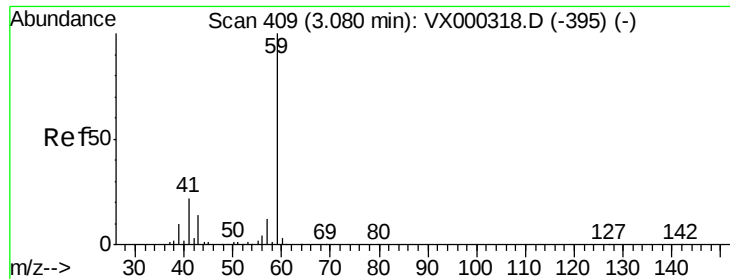
#10
 Methyl Iodide
 Concen: 51.25 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

Tgt Ion:142 Resp: 75166
 Ion Ratio Lower Upper
 142 100
 127 49.0 39.2 58.8
 141 14.6 11.7 17.5



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

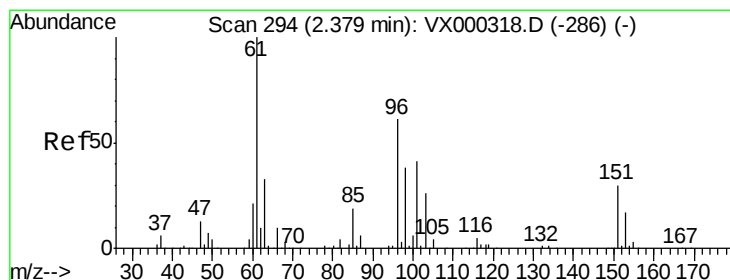
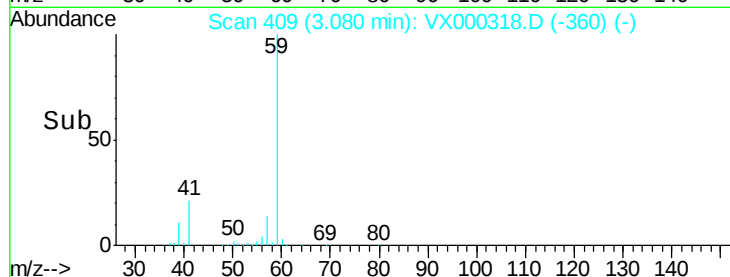
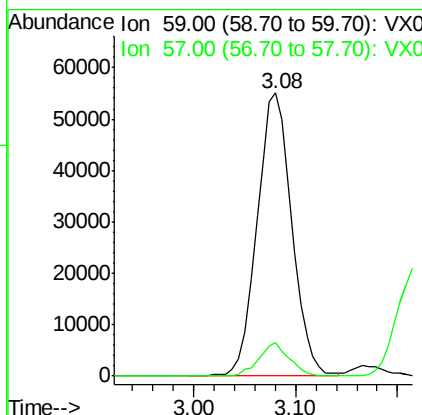
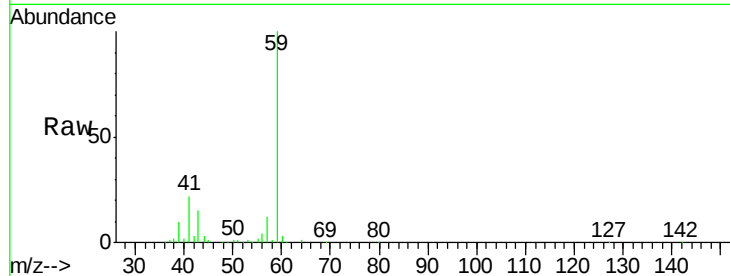




#11
Tert butyl alcohol
Concen: 275.96 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

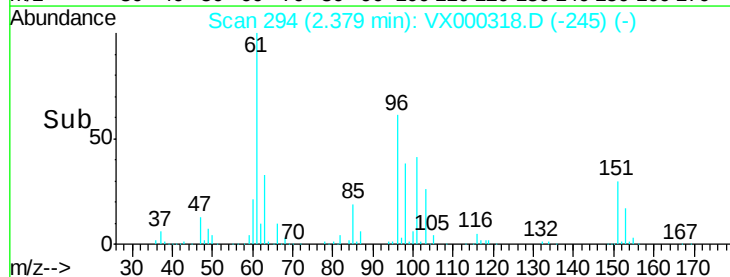
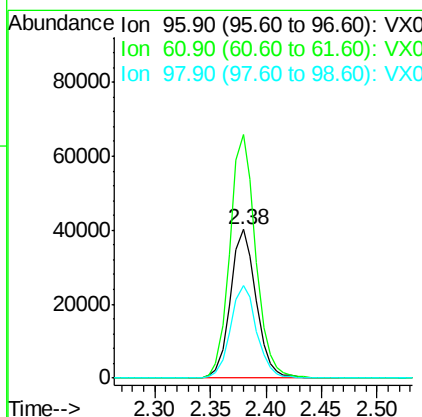
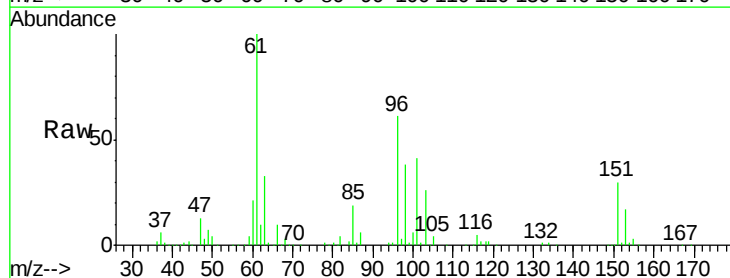
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

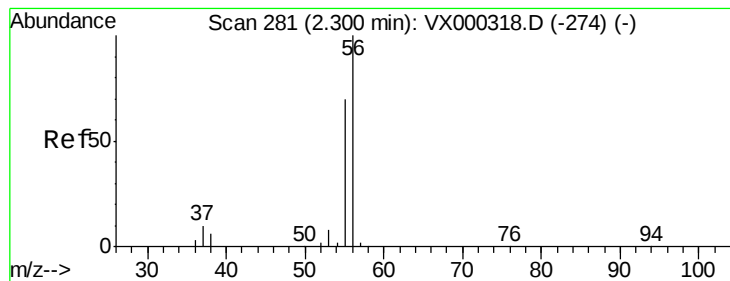
Tgt Ion: 59 Resp: 130137
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6



#12
1,1-Dichloroethene
Concen: 63.15 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

Tgt Ion: 96 Resp: 64572
Ion Ratio Lower Upper
96 100
61 164.0 131.2 196.8
98 62.3 49.8 74.8





#13

Acrolein

Concen: 208.70 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

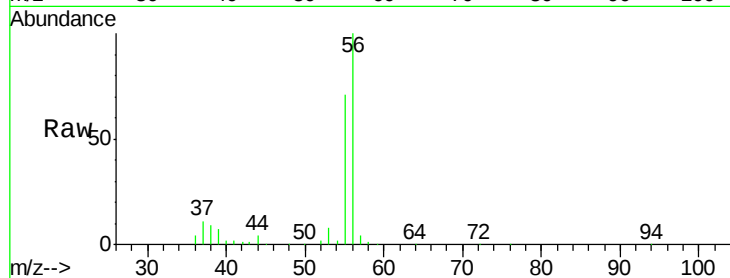
VSTDICCC050

Tgt Ion: 56 Resp: 53881

Ion Ratio Lower Upper

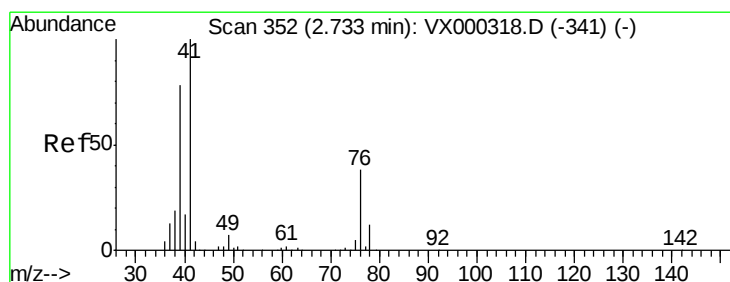
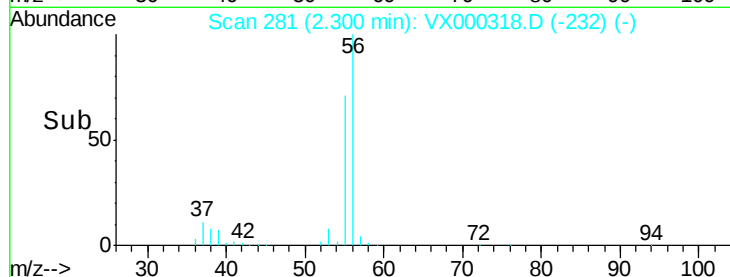
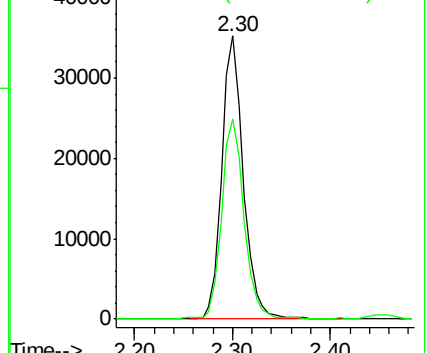
56 100

55 73.5 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 59.28 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

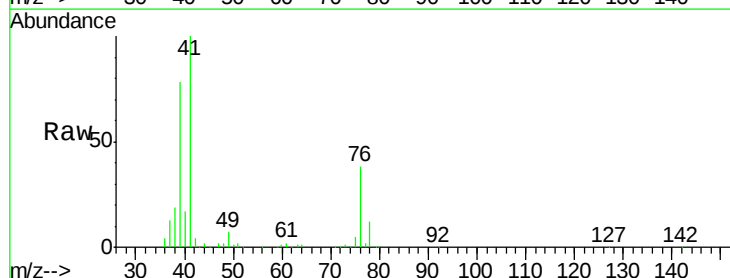
Tgt Ion: 41 Resp: 114823

Ion Ratio Lower Upper

41 100

39 72.0 57.6 86.4

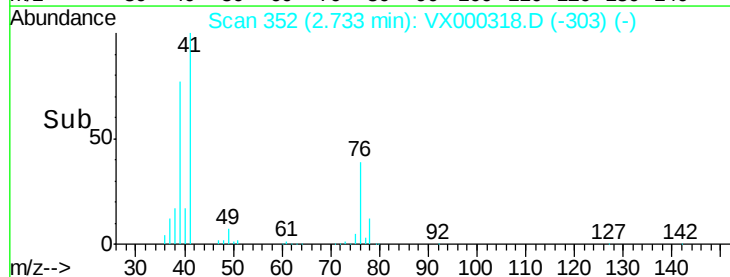
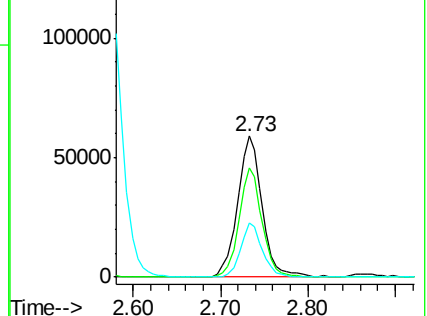
76 34.1 27.3 40.9

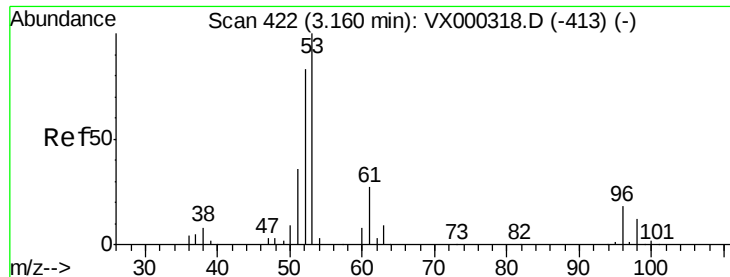


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 317.00 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

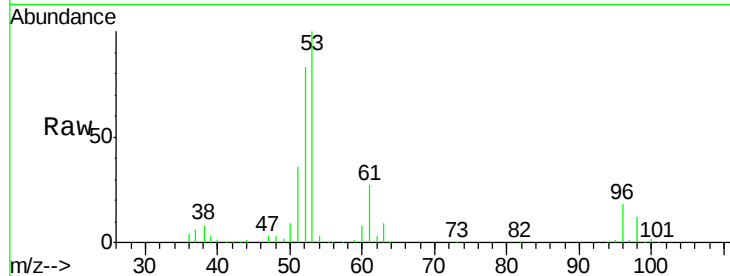
Tgt Ion: 53 Resp: 255940

Ion Ratio Lower Upper

53 100

52 83.2 66.6 99.8

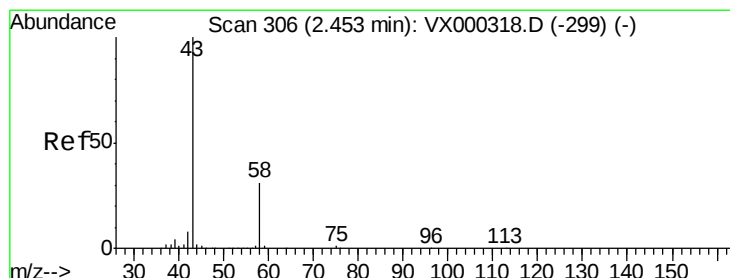
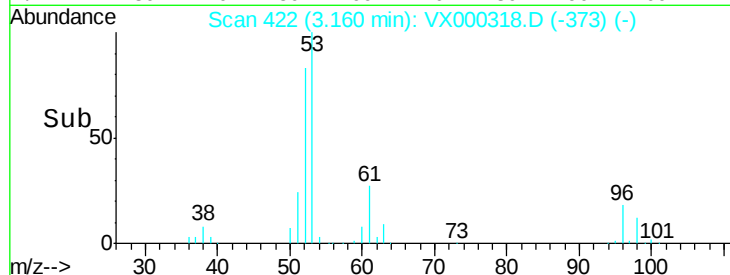
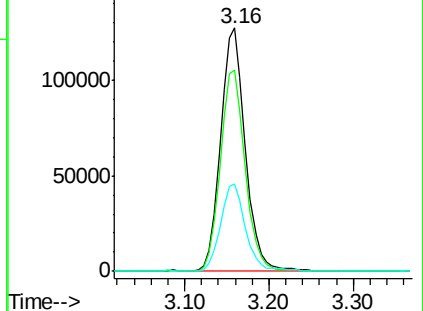
51 36.6 29.3 43.9



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: 283.74 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000318.D

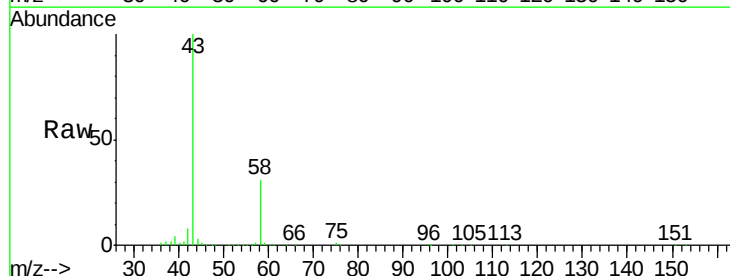
Acq: 14 Mar 2018 17:16

Tgt Ion: 43 Resp: 279886

Ion Ratio Lower Upper

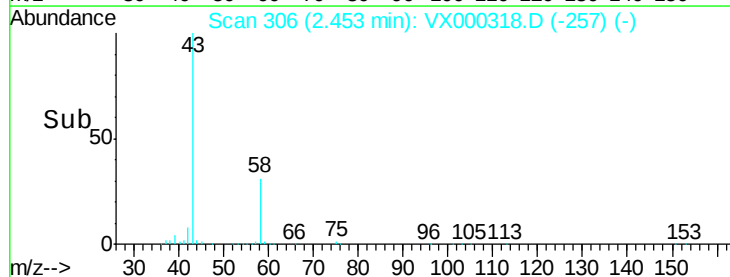
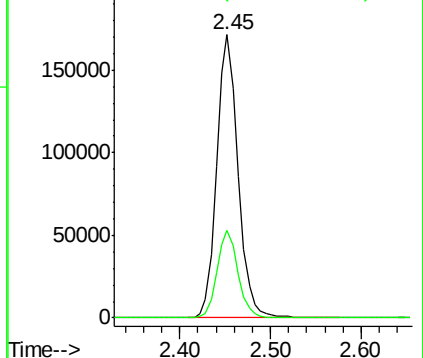
43 100

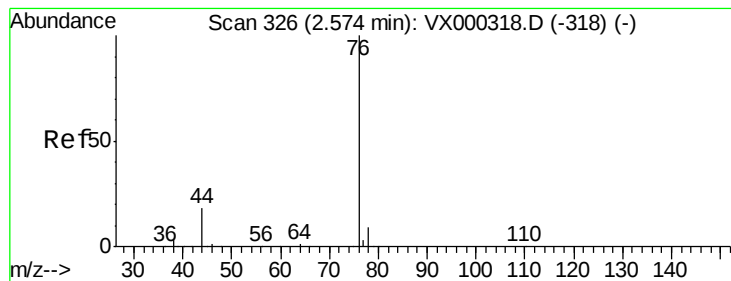
58 30.9 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 58.61 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

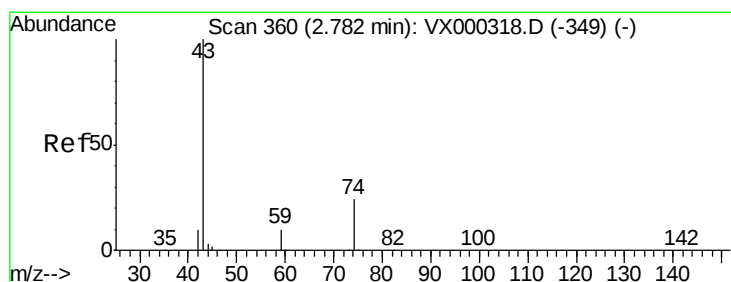
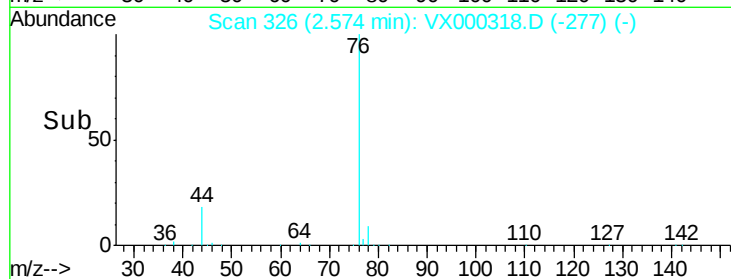
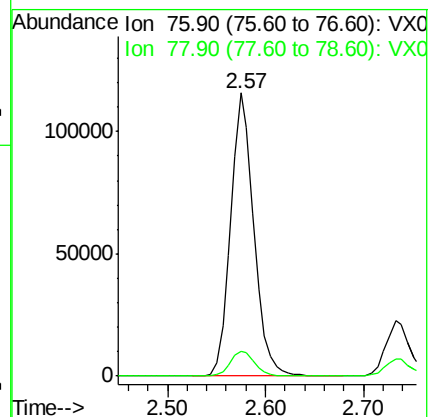
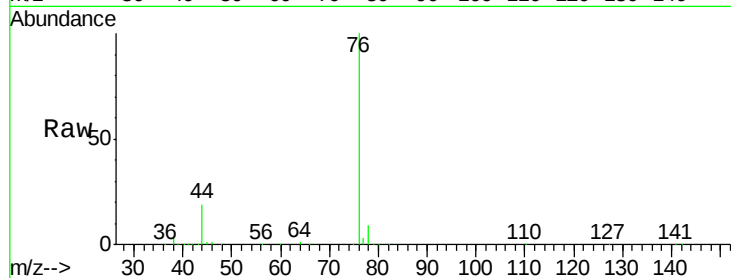
VSTDICCC050

Tgt Ion: 76 Resp: 190156

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#18

Methyl Acetate

Concen: 61.35 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX000318.D

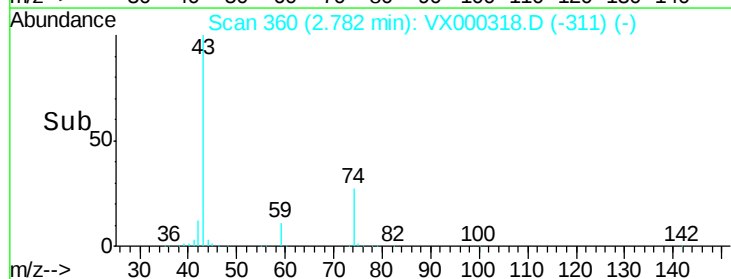
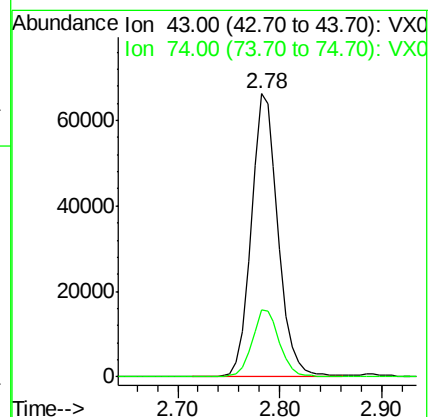
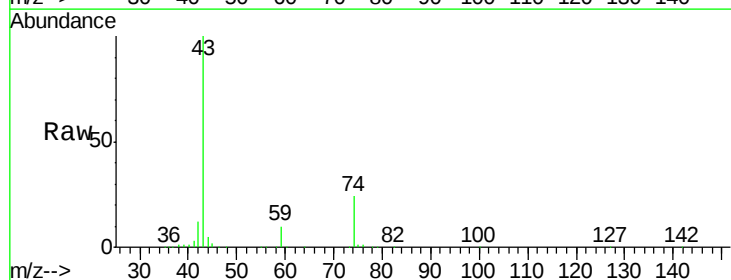
Acq: 14 Mar 2018 17:16

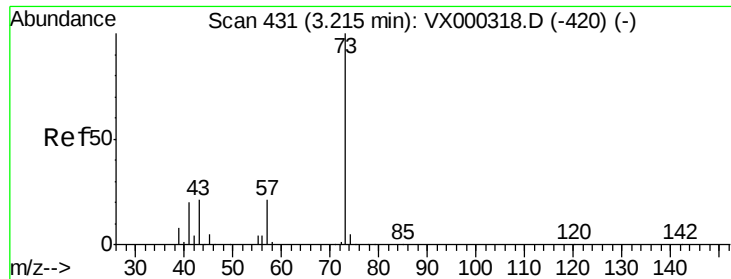
Tgt Ion: 43 Resp: 121093

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.2

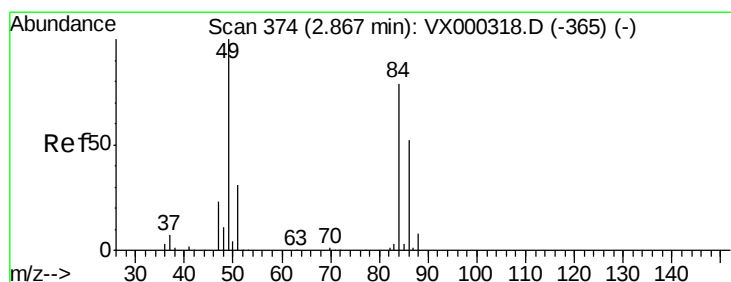
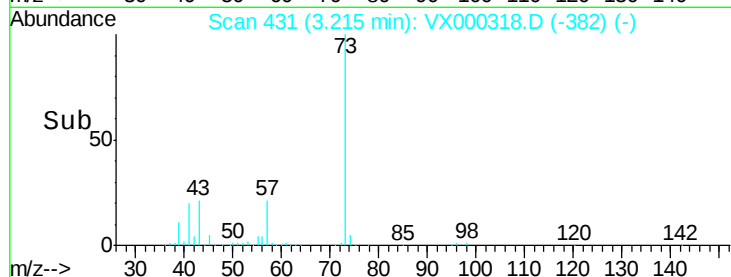
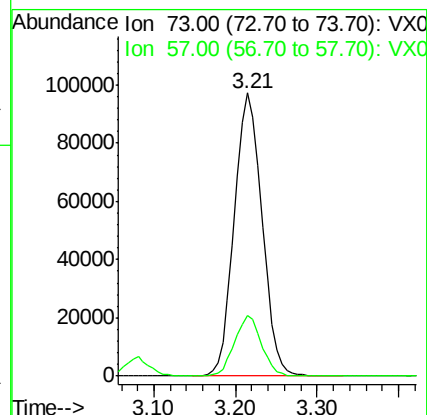
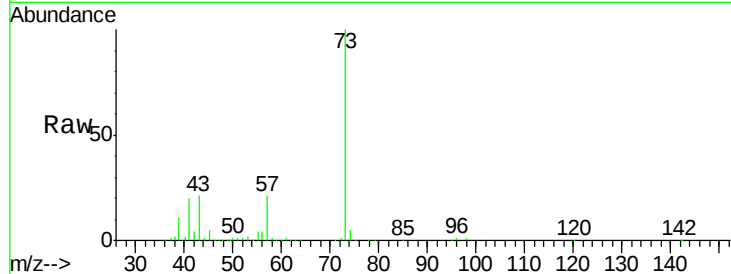




#19
Methyl tert-butyl Ether
Concen: 62.93 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

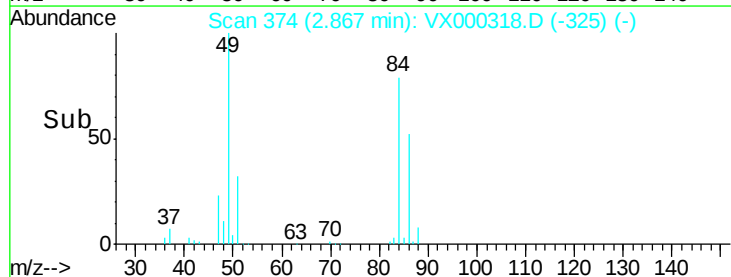
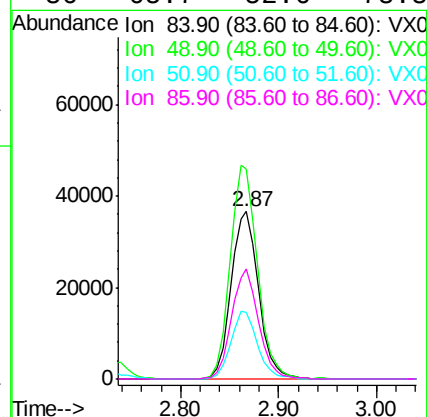
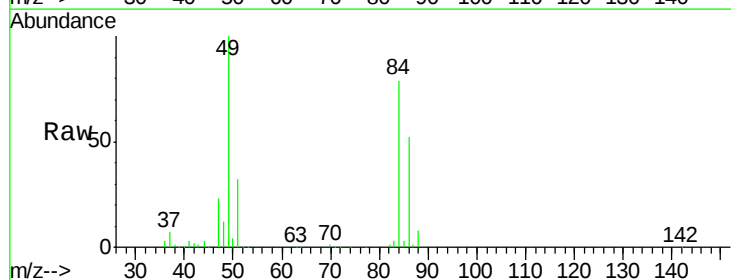
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

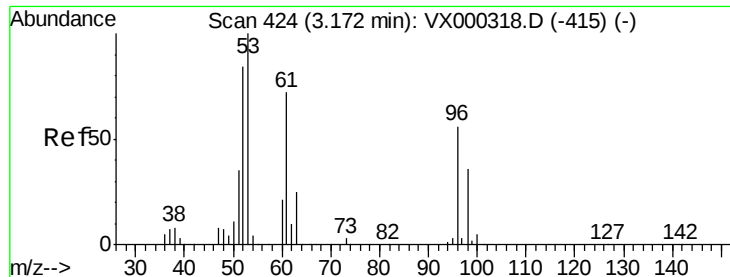
Tgt Ion: 73 Resp: 228235
Ion Ratio Lower Upper
73 100
57 21.5 17.2 25.8



#20
Methylene Chloride
Concen: 61.18 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

Tgt Ion: 84 Resp: 71053
Ion Ratio Lower Upper
84 100
49 125.8 100.6 151.0
51 39.5 31.6 47.4
86 65.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 62.02 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

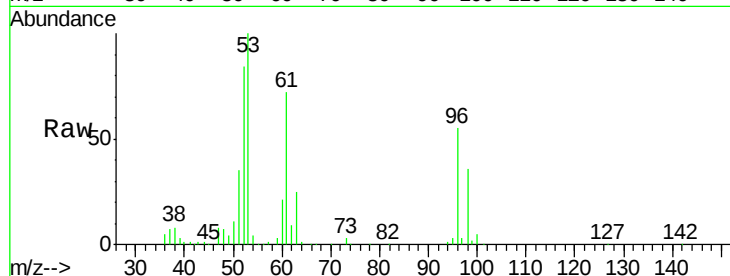
Tgt Ion: 96 Resp: 70582

Ion Ratio Lower Upper

96 100

61 130.0 104.0 156.0

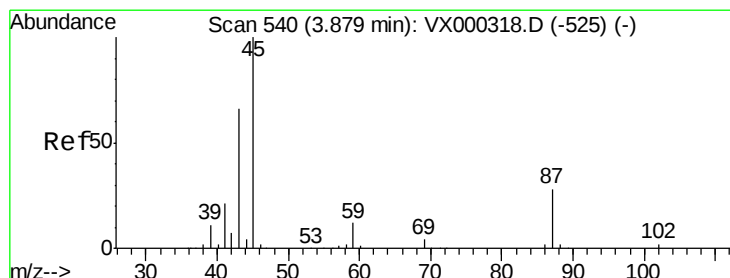
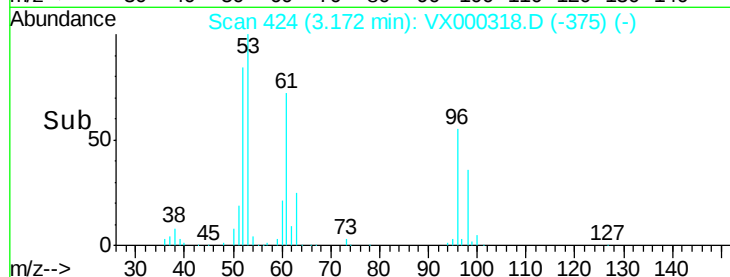
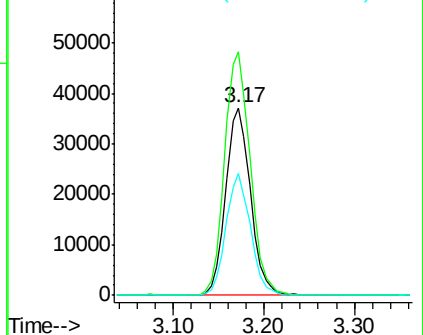
98 65.1 52.1 78.1



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: 52.71 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Tgt Ion: 45 Resp: 173561

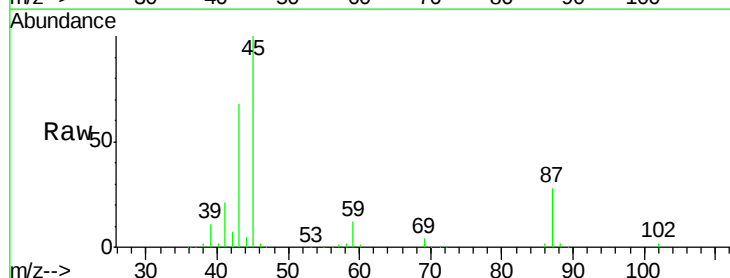
Ion Ratio Lower Upper

45 100

43 67.4 53.9 80.9

87 28.3 22.6 34.0

59 11.9 9.5 14.3

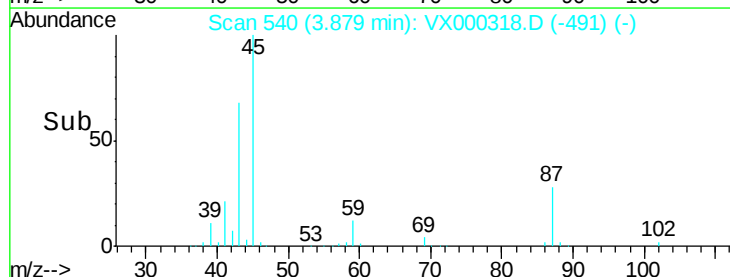
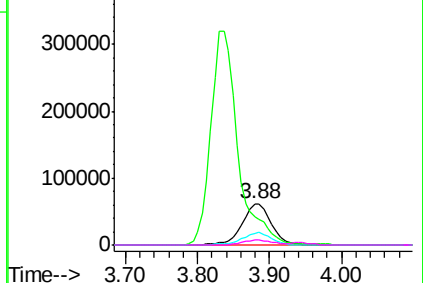


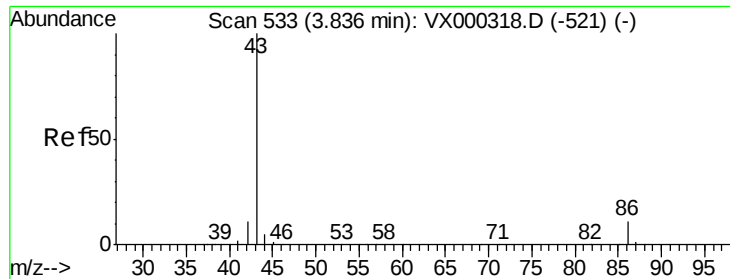
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 288.01 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

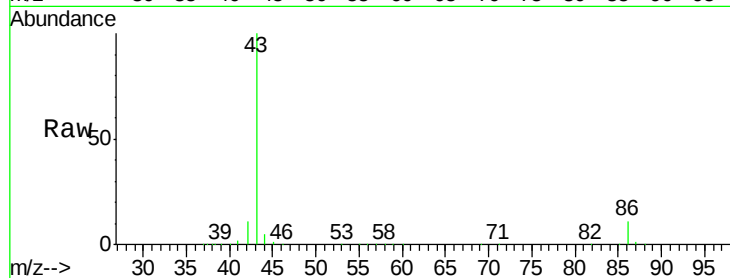
VSTDICCC050

Tgt Ion: 43 Resp: 841612

Ion Ratio Lower Upper

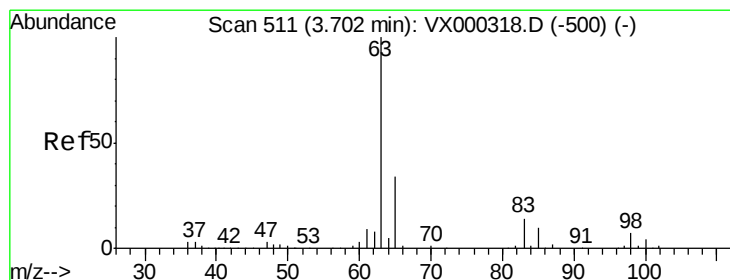
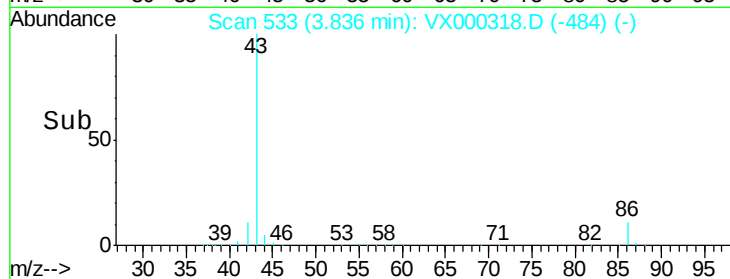
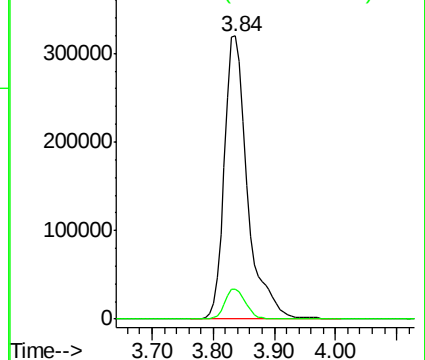
43 100

86 10.7 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 62.70 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

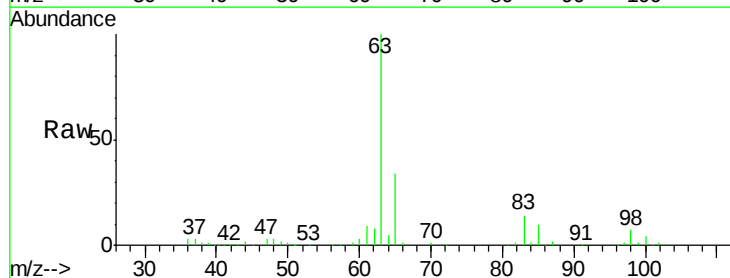
Tgt Ion: 63 Resp: 119057

Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

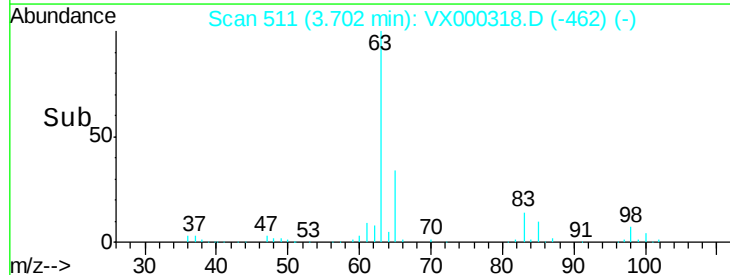
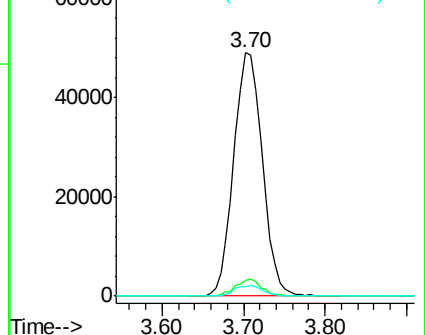
100 3.9 2.0 5.8

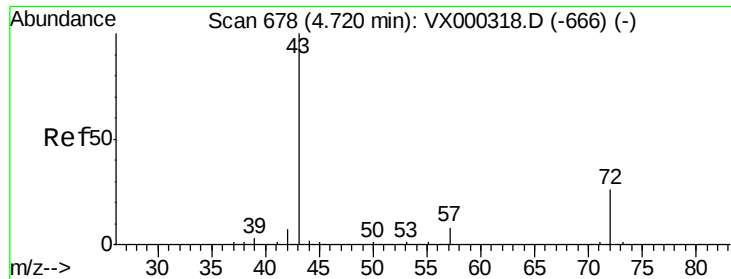


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 248.98 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampled :

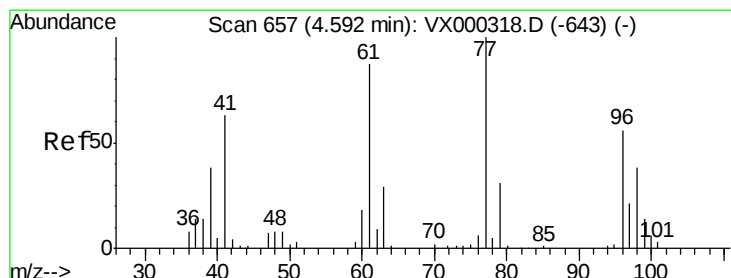
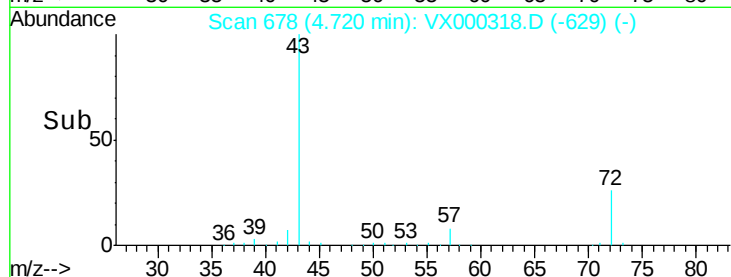
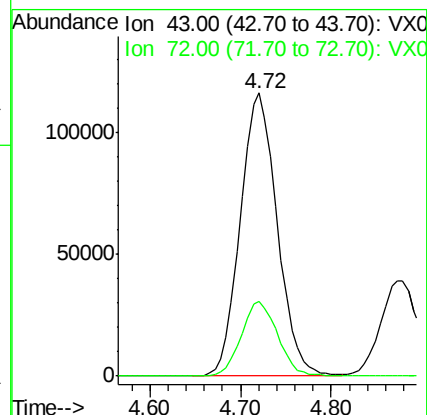
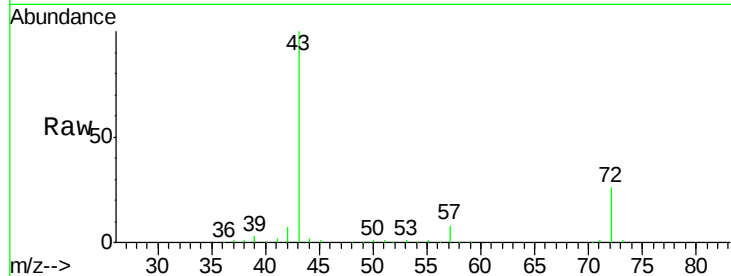
VSTDICCC050

Tgt Ion: 43 Resp: 327130

Ion Ratio Lower Upper

43 100

72 26.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 50.47 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX000318.D

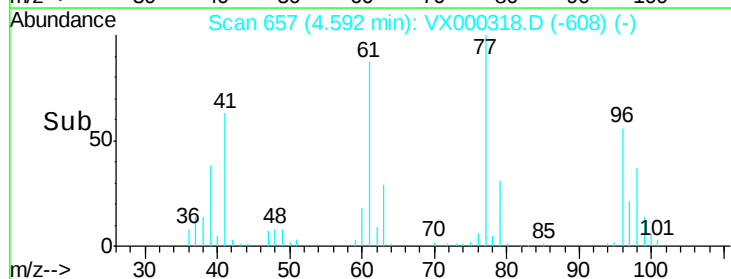
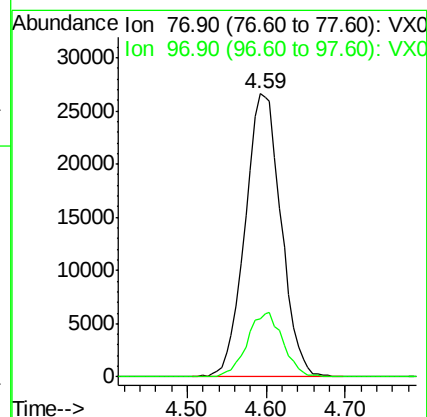
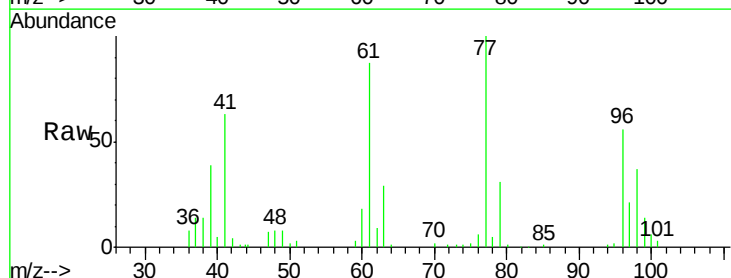
Acq: 14 Mar 2018 17:16

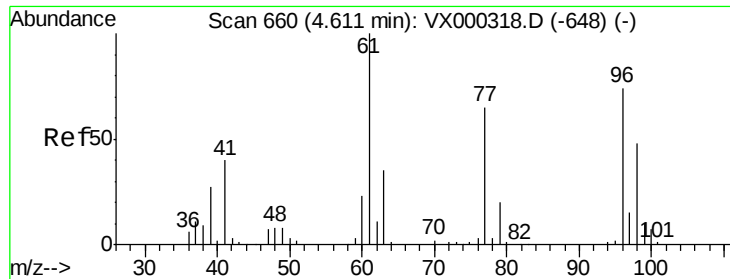
Tgt Ion: 77 Resp: 84475

Ion Ratio Lower Upper

77 100

97 22.5 11.3 33.8



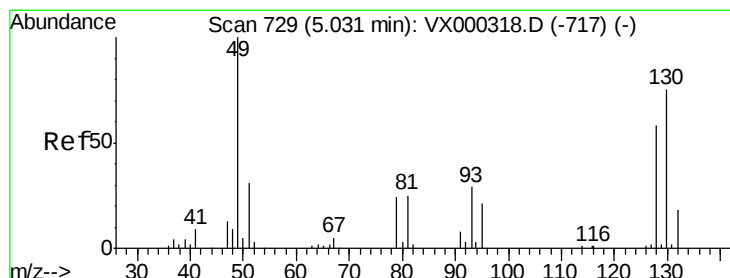
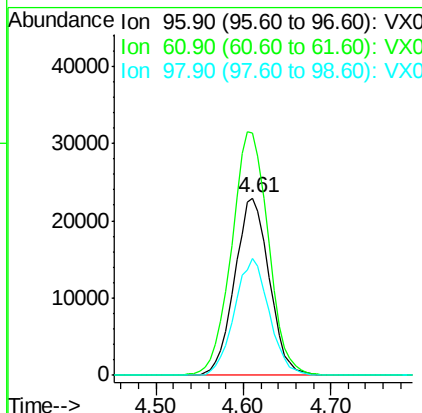
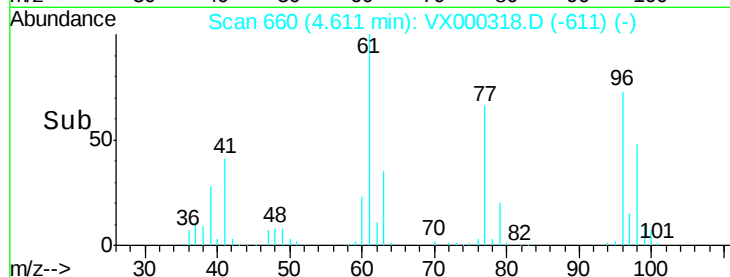
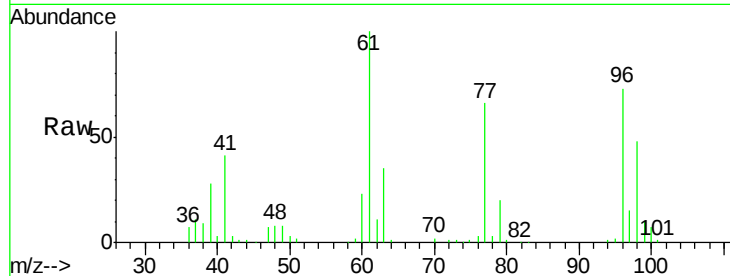


#27

cis-1,2-Dichloroethene
 Concen: 53.38 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

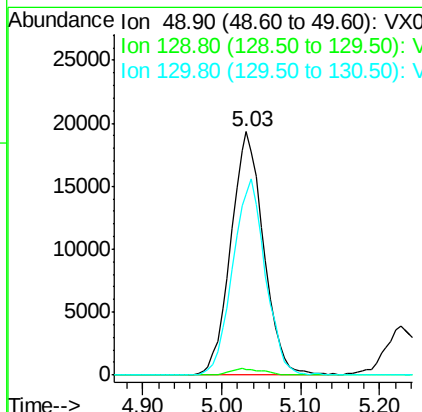
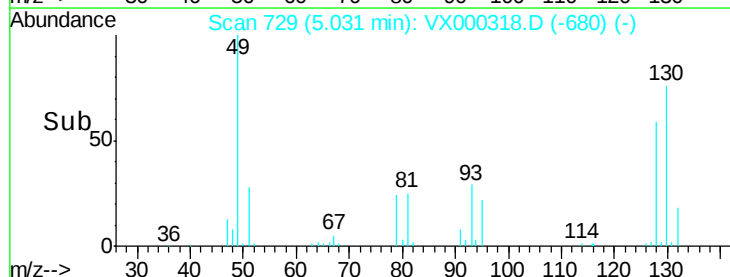
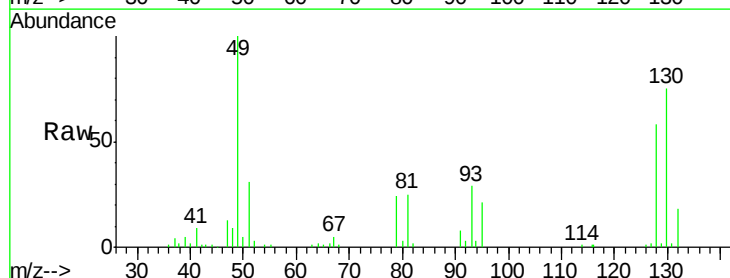
Tgt Ion: 96 Resp: 63019
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 291.6
 98 66.0 0.0 132.0

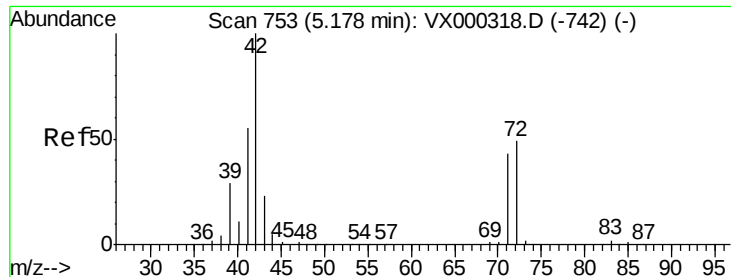


#28

Bromochloromethane
 Concen: 62.28 ug/l
 RT: 5.03 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

Tgt Ion: 49 Resp: 55729
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.0
 130 80.0 64.0 96.0

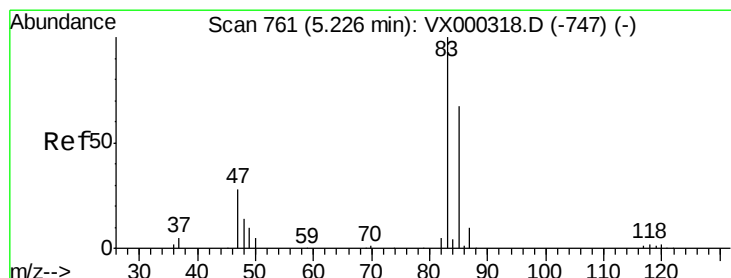
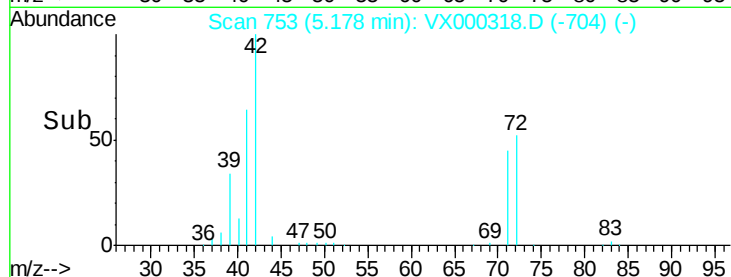
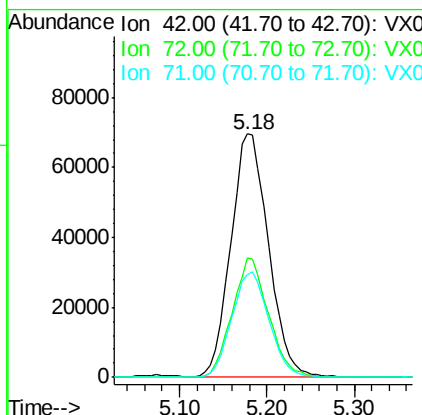
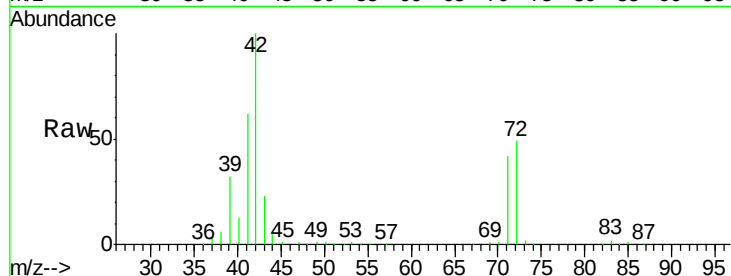




#29
Tetrahydrofuran
Concen: 257.54 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

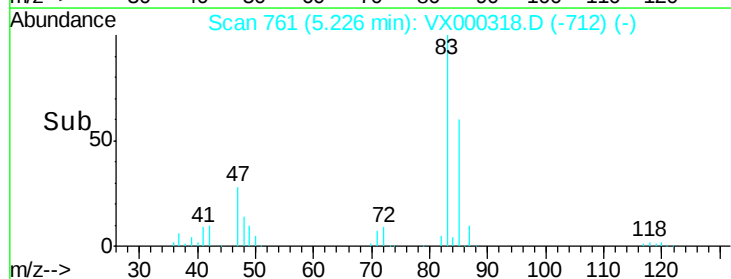
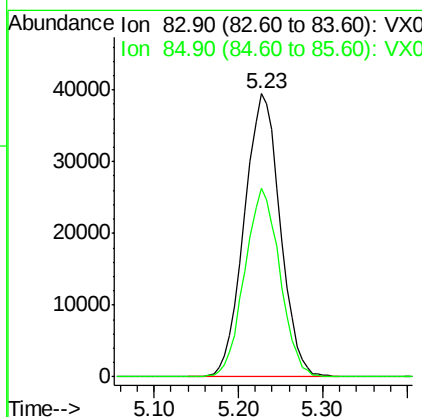
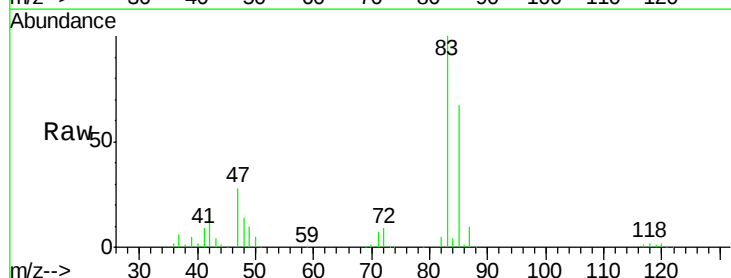
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

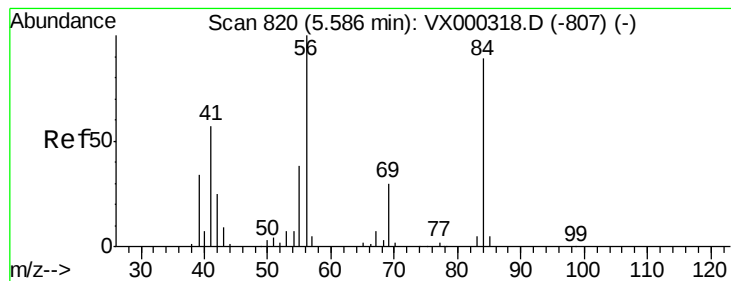
Tgt Ion: 42 Resp: 207583
Ion Ratio Lower Upper
42 100
72 47.4 37.9 56.9
71 43.0 34.4 51.6



#30
Chloroform
Concen: 57.31 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

Tgt Ion: 83 Resp: 114231
Ion Ratio Lower Upper
83 100
85 66.6 53.3 79.9





#31

Cyclohexane

Concen: 53.08 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

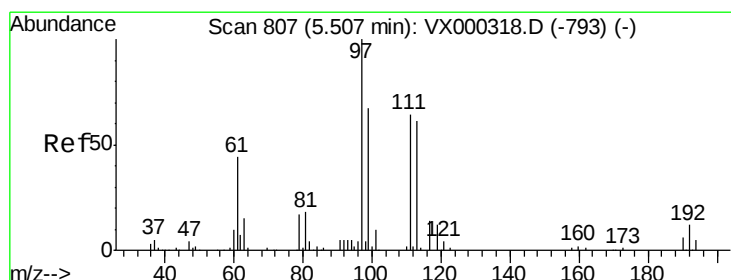
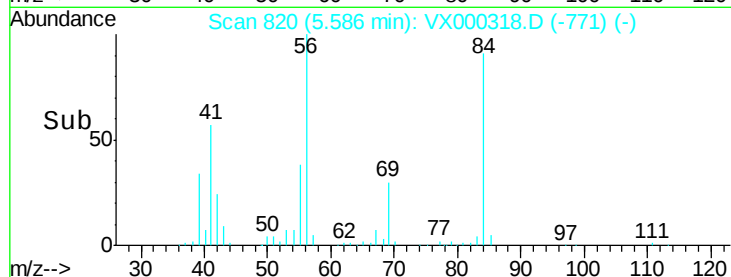
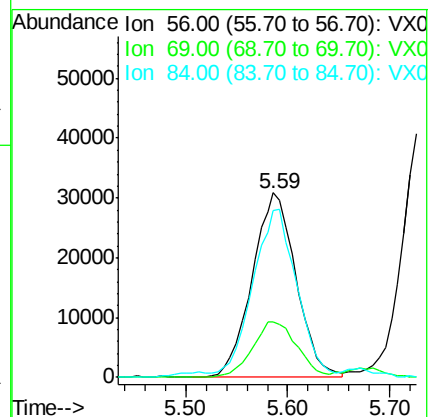
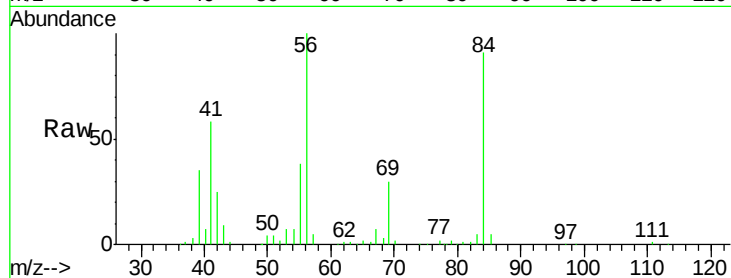
Tgt Ion: 56 Resp: 92044

Ion Ratio Lower Upper

56 100

69 29.2 23.4 35.0

84 88.7 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 55.40 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

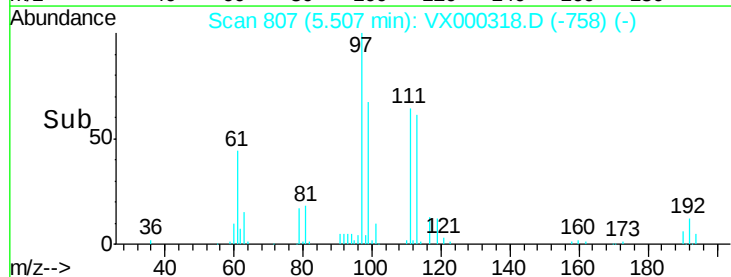
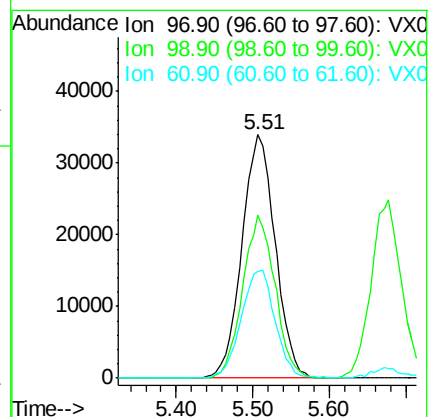
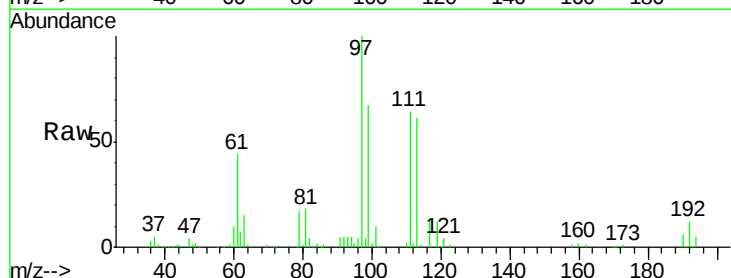
Tgt Ion: 97 Resp: 102628

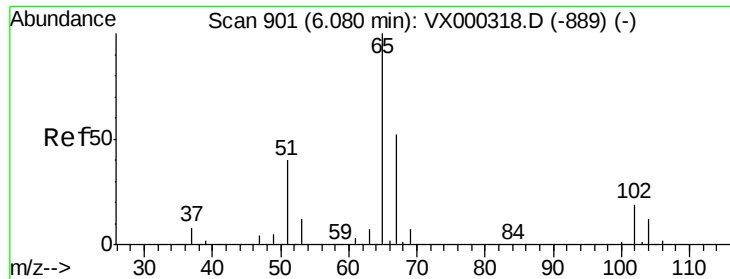
Ion Ratio Lower Upper

97 100

99 65.1 52.1 78.1

61 45.3 36.2 54.4

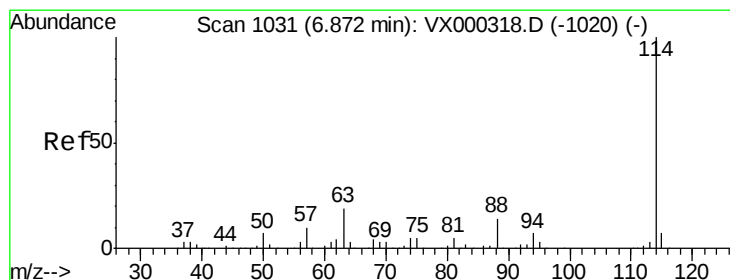
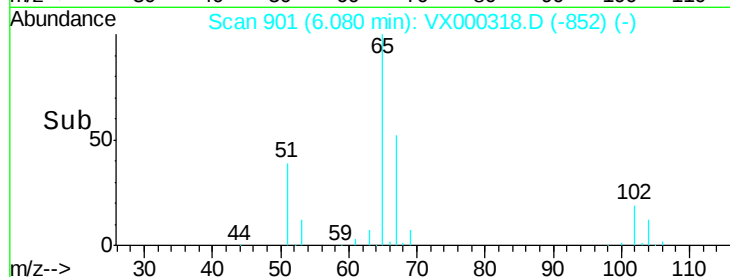
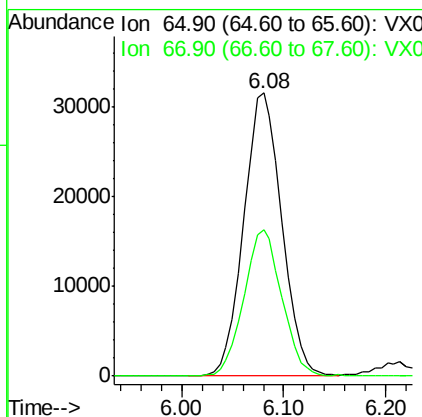
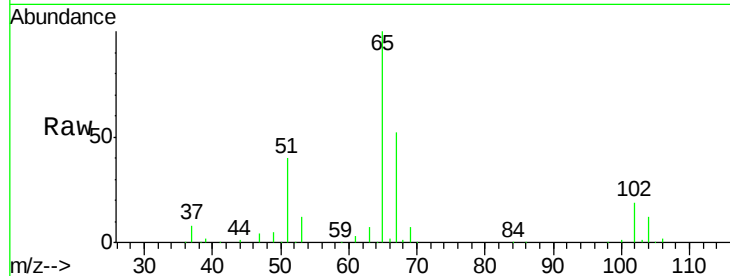




#33
 1,2-Dichloroethane-d4
 Concen: 62.60 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

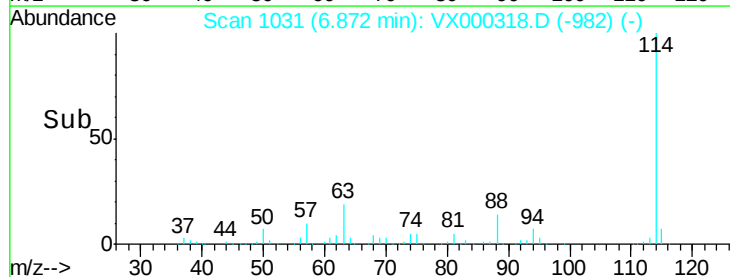
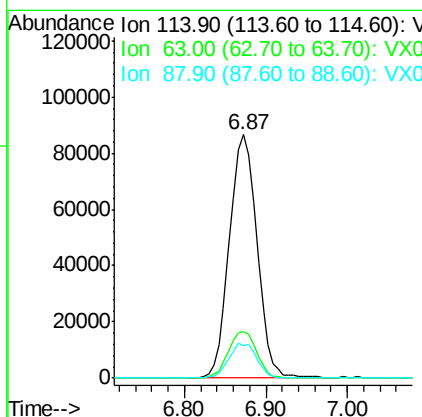
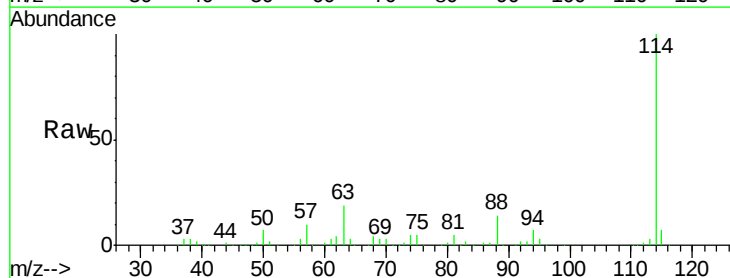
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

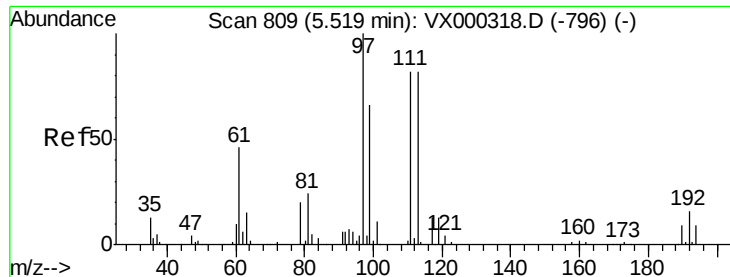
Tgt Ion: 65 Resp: 81846
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

Tgt Ion: 114 Resp: 203396
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 13.5 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.65 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

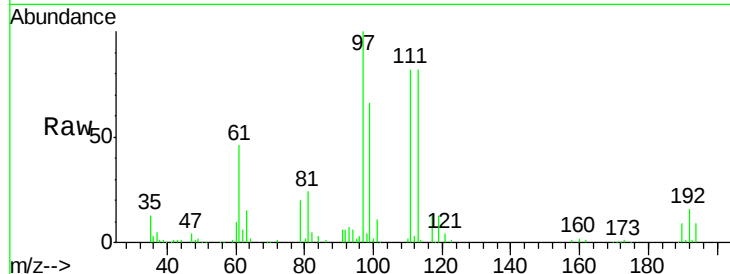
Tgt Ion:113 Resp: 64047

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

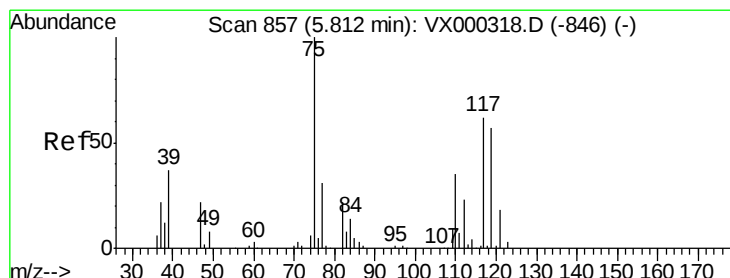
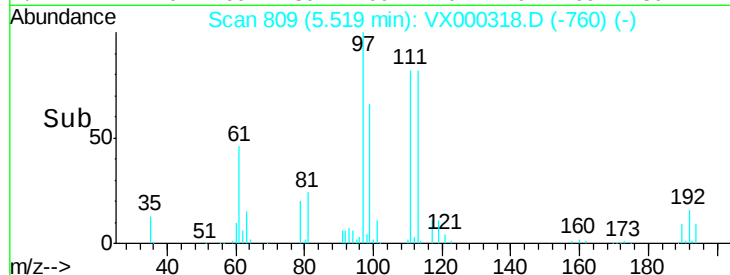
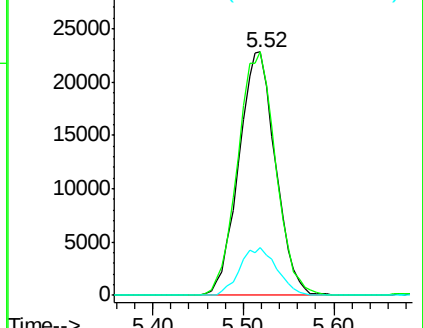
192 19.7 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.67 ug/l

RT: 5.81 min Scan# 857

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

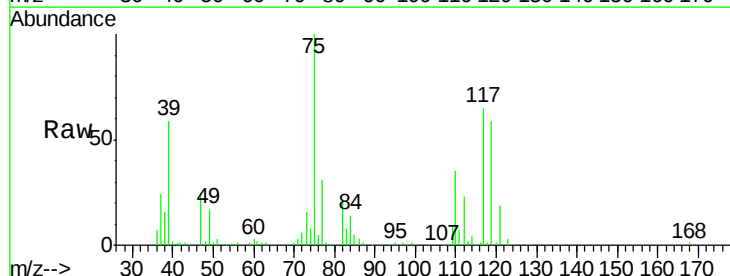
Tgt Ion: 75 Resp: 87742

Ion Ratio Lower Upper

75 100

110 35.8 17.9 53.7

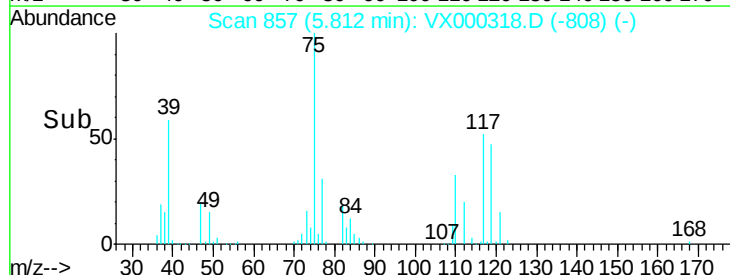
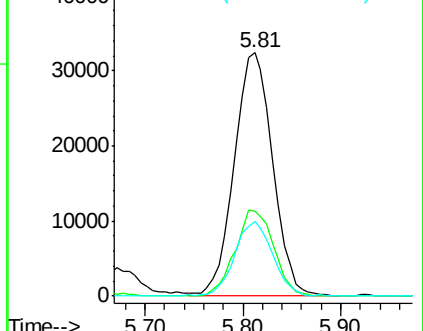
77 30.0 24.0 36.0

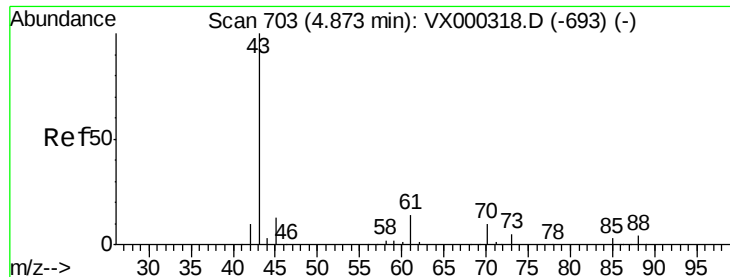


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

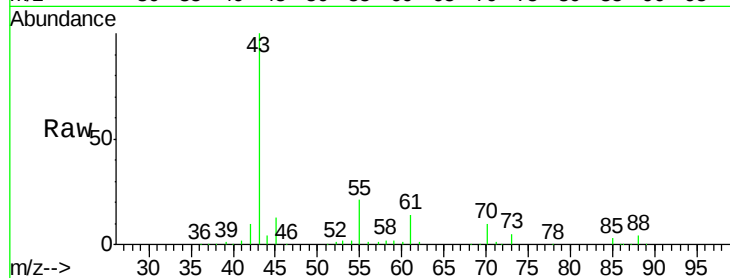




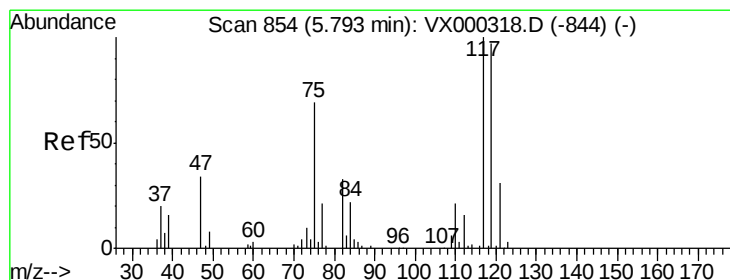
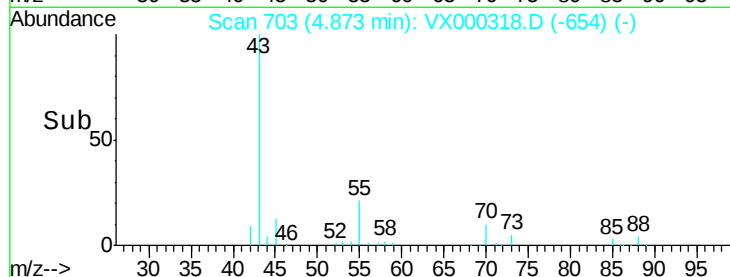
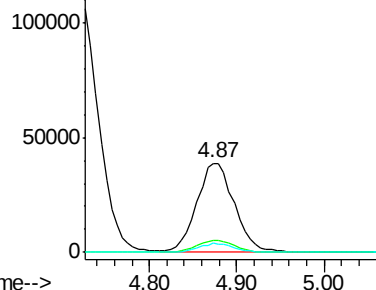
#37
Ethyl Acetate
Concen: 45.81 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 115038
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 9.6 7.7 11.5

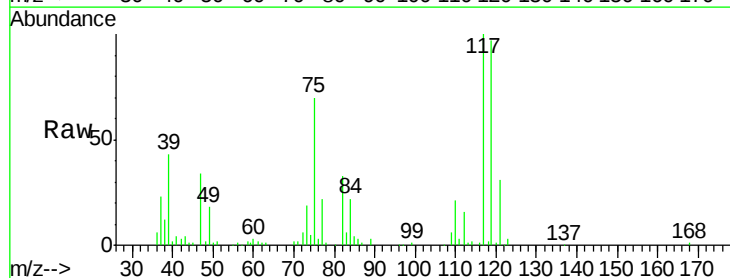


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

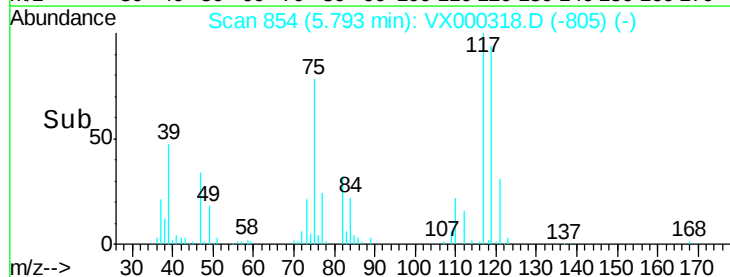
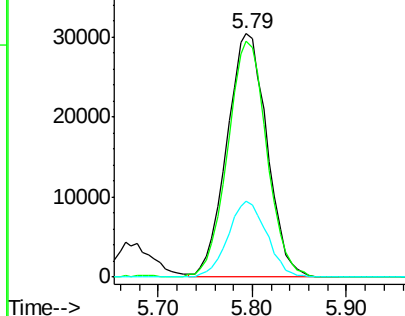


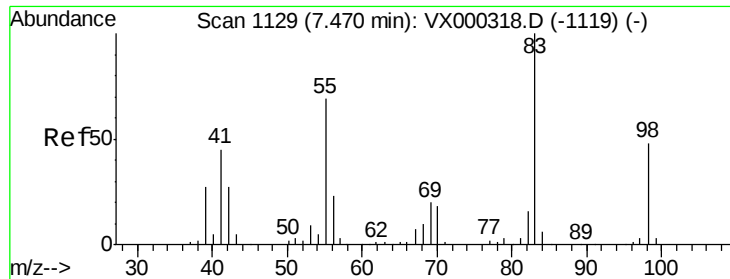
#38
Carbon Tetrachloride
Concen: 45.89 ug/l
RT: 5.79 min Scan# 854
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

Tgt Ion: 117 Resp: 90307
Ion Ratio Lower Upper
117 100
119 96.8 77.4 116.2
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

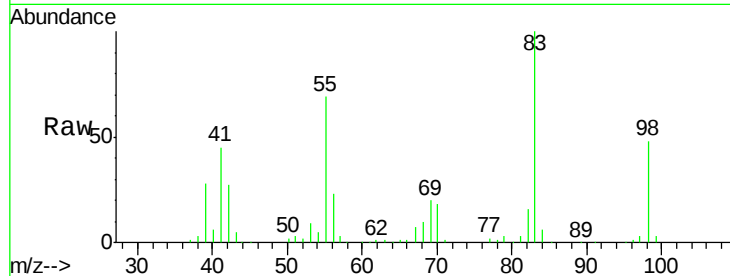




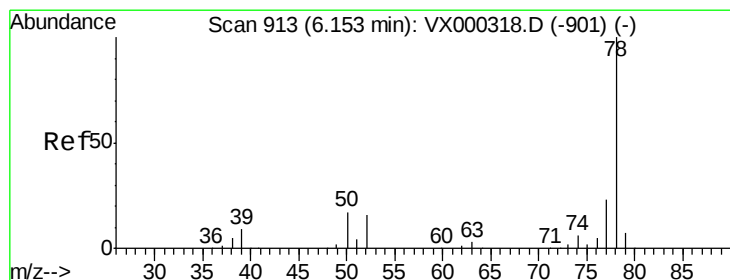
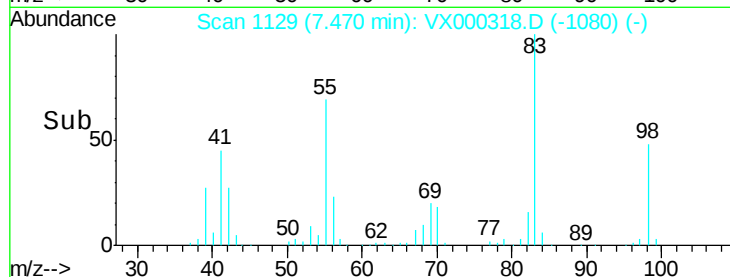
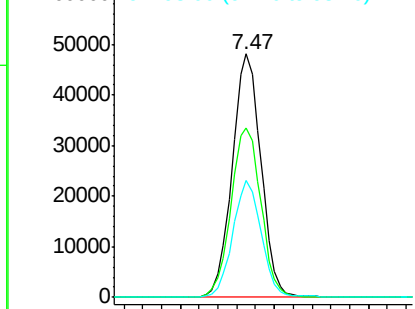
#39
Methylcyclohexane
Concen: 45.22 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 102638
Ion Ratio Lower Upper
83 100
55 69.4 55.5 83.3
98 47.8 38.2 57.4

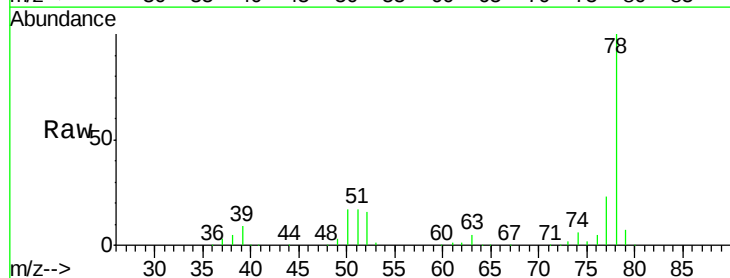


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

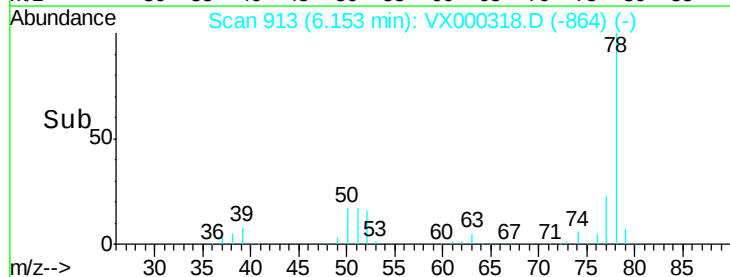
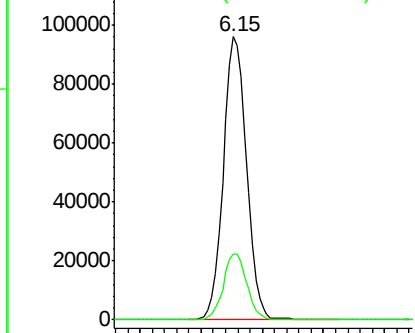


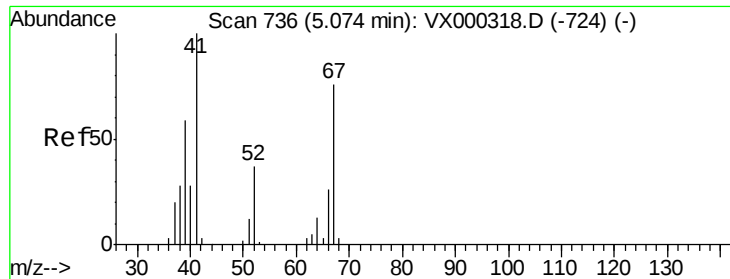
#40
Benzene
Concen: 49.57 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

Tgt Ion: 78 Resp: 253476
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1



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

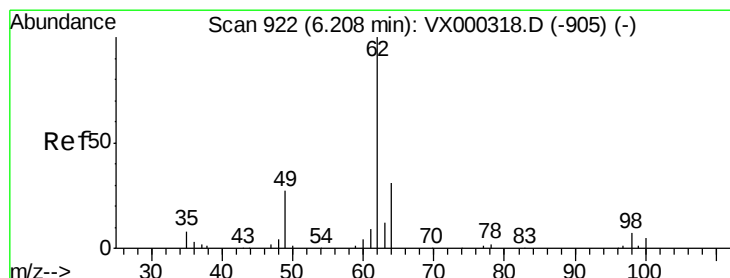
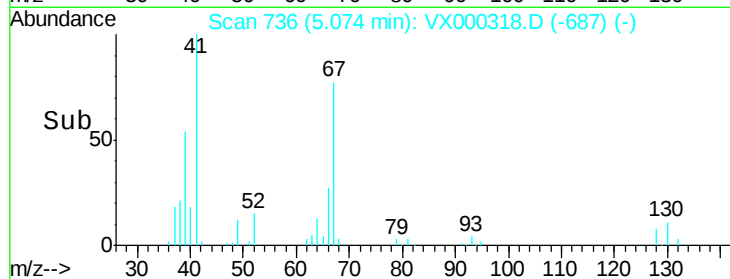
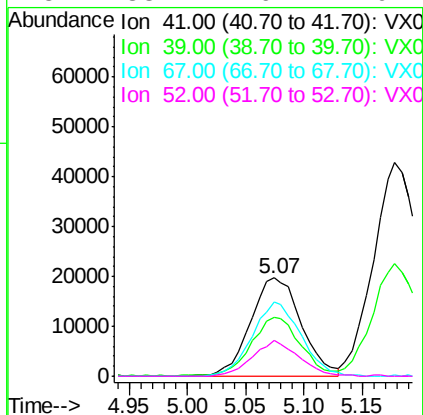
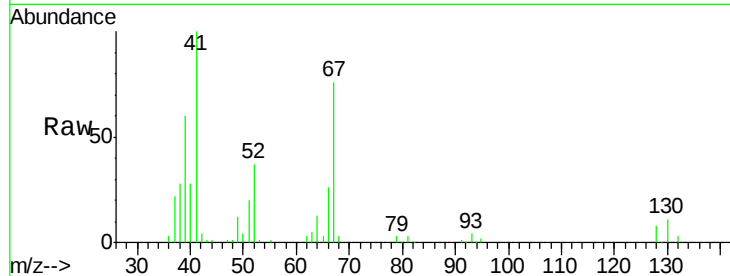




#41
Methacrylonitrile
Concen: 45.48 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

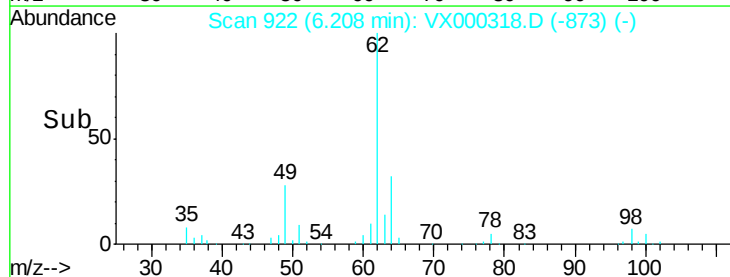
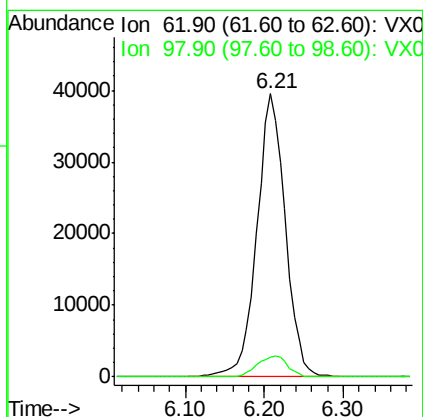
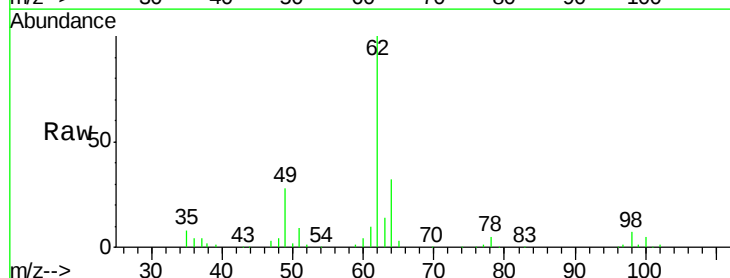
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

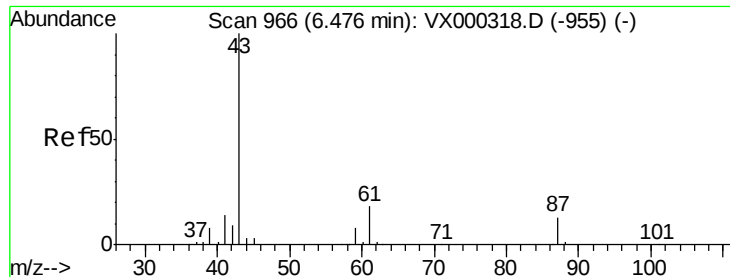
Tgt Ion:	41	Resp:	60029
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.7	68.5
67	72.3	57.8	86.8
52	33.4	26.7	40.1



#42
1,2-Dichloroethane
Concen: 53.33 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

Tgt Ion:	62	Resp:	98960
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8





#43

Isopropyl Acetate

Concen: 46.67 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

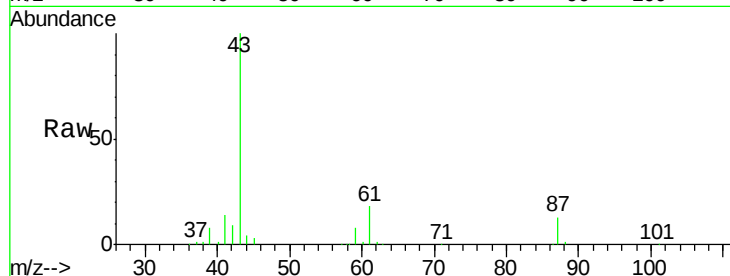
Tgt Ion: 43 Resp: 174047

Ion Ratio Lower Upper

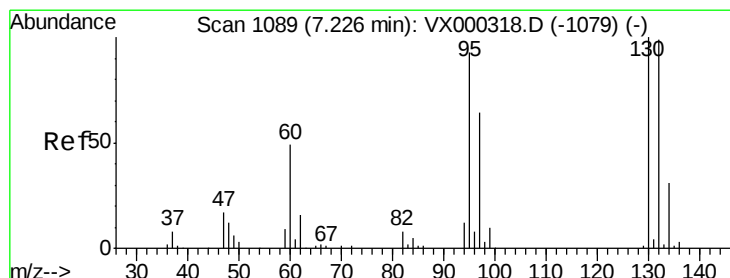
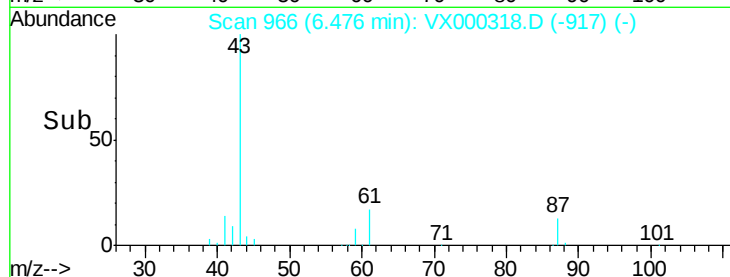
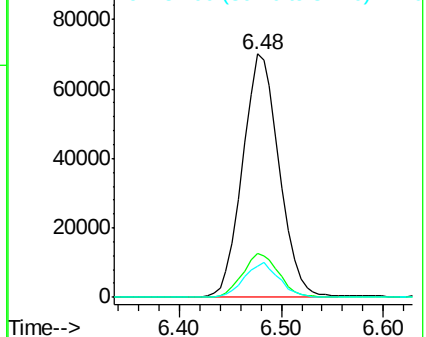
43 100

61 18.0 14.4 21.6

87 13.7 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 43.55 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VX000318.D

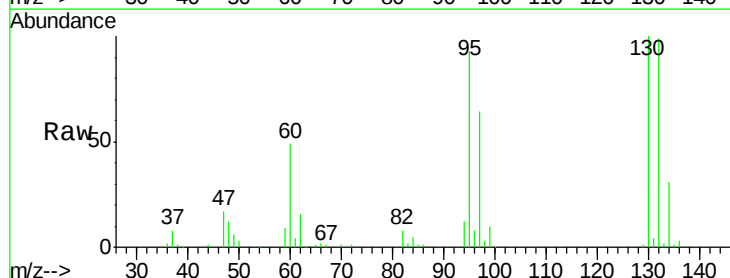
Acq: 14 Mar 2018 17:16

Tgt Ion: 130 Resp: 70330

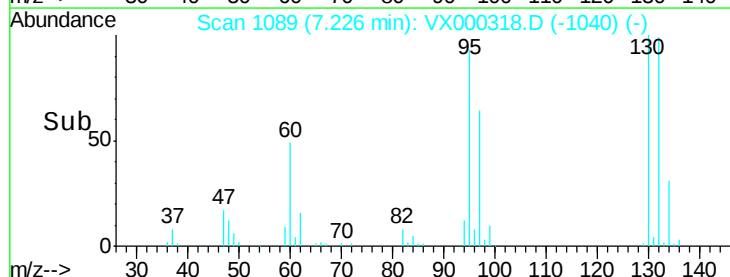
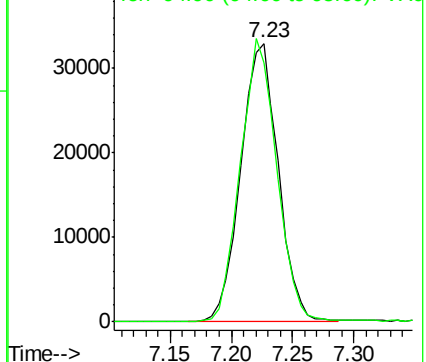
Ion Ratio Lower Upper

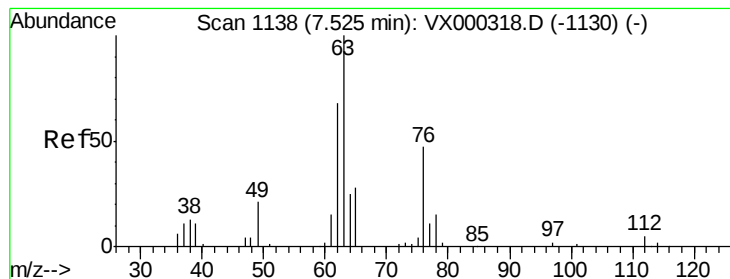
130 100

95 93.0 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 48.06 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

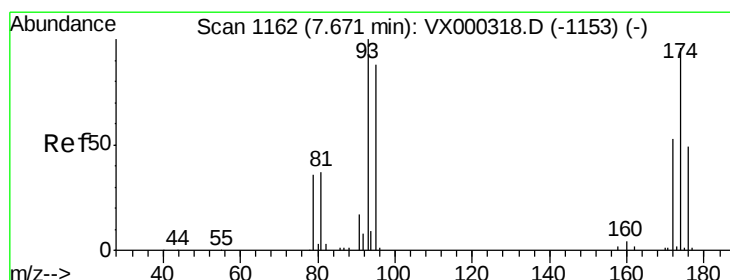
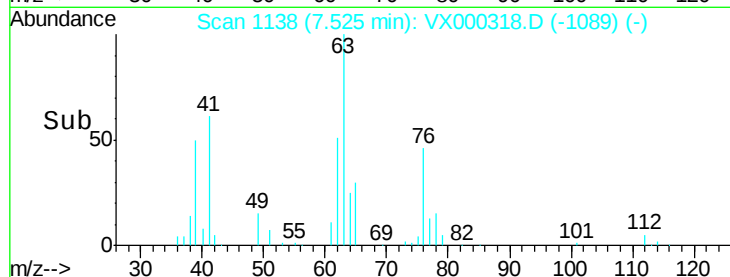
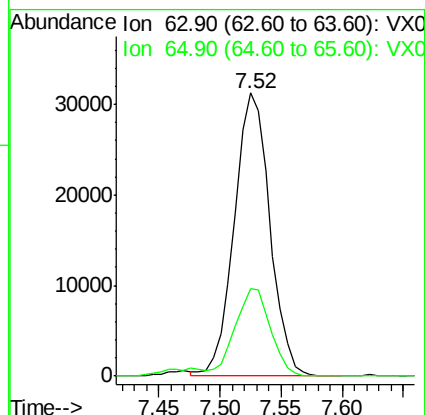
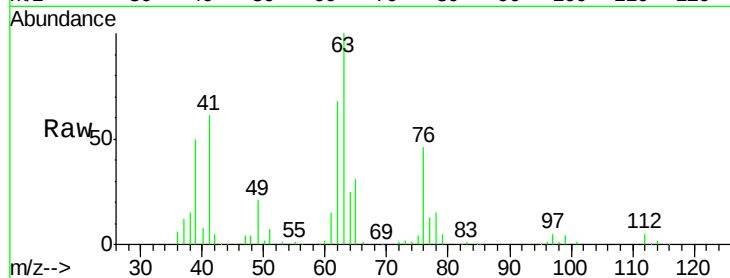
VSTDICCC050

Tgt Ion: 63 Resp: 63258

Ion Ratio Lower Upper

63 100

65 30.7 24.6 36.8



#46

Dibromomethane

Concen: 50.09 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

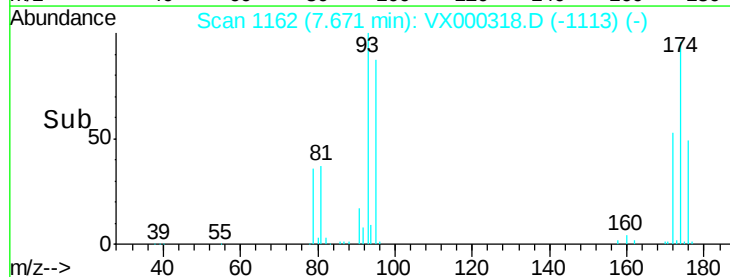
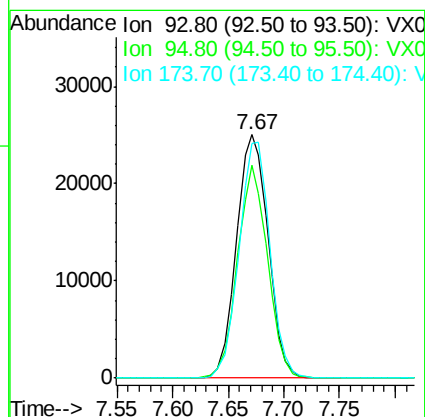
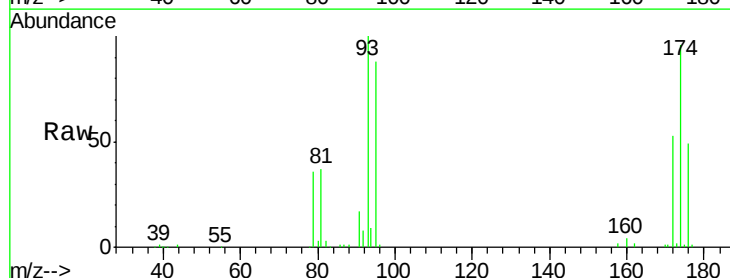
Tgt Ion: 93 Resp: 49173

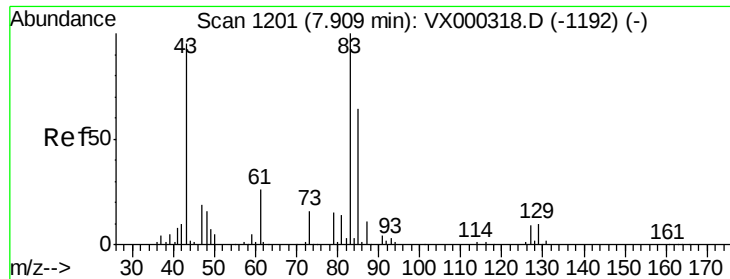
Ion Ratio Lower Upper

93 100

95 83.1 66.5 99.7

174 95.0 76.0 114.0





#47

Bromodichloromethane

Concen: 48.84 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

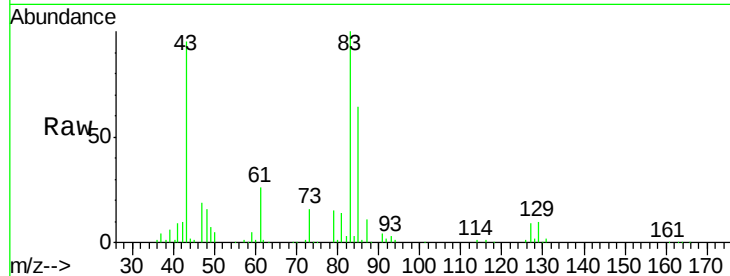
Tgt Ion: 83 Resp: 90764

Ion Ratio Lower Upper

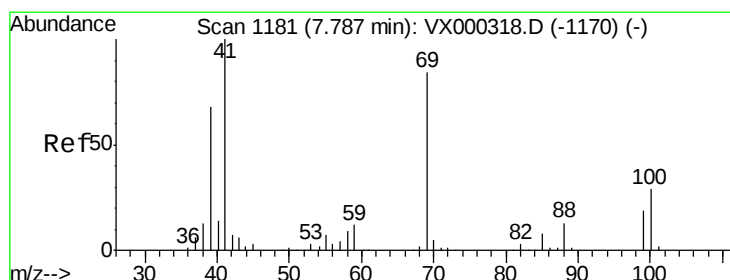
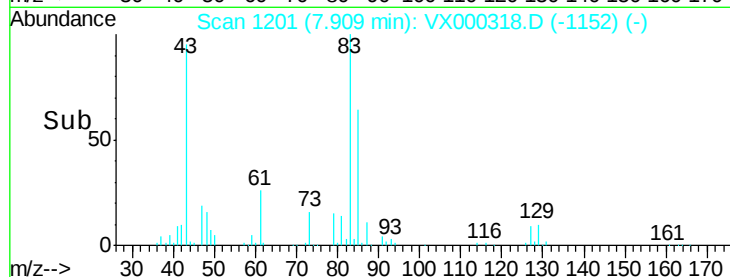
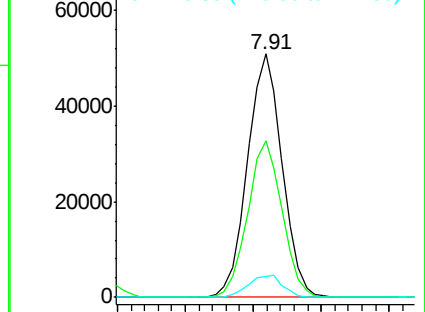
83 100

85 64.2 51.4 77.0

127 8.8 7.0 10.6



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



#48

Methyl methacrylate

Concen: 46.54 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

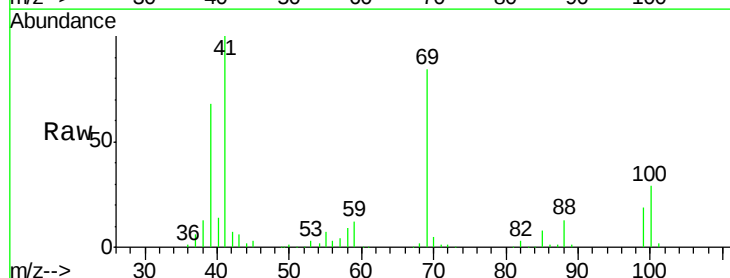
Tgt Ion: 41 Resp: 85903

Ion Ratio Lower Upper

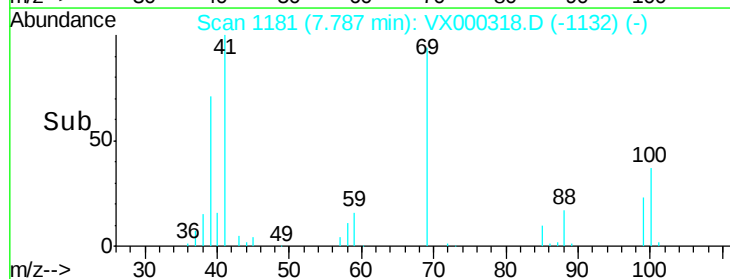
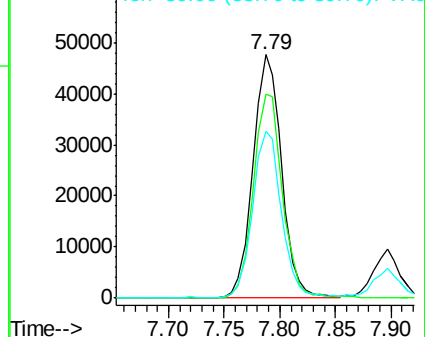
41 100

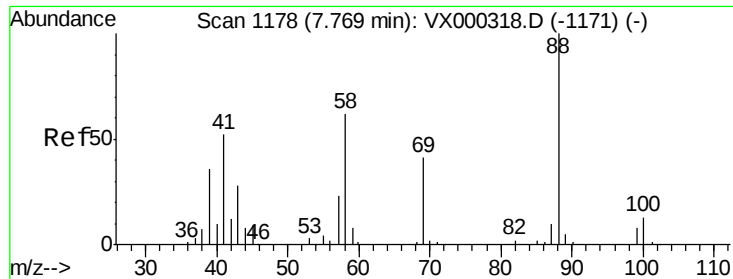
69 85.3 68.2 102.4

39 68.2 54.6 81.8



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

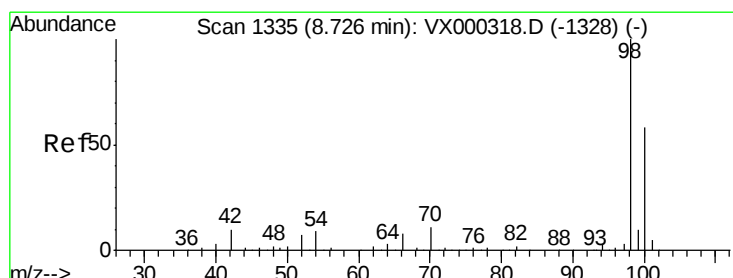
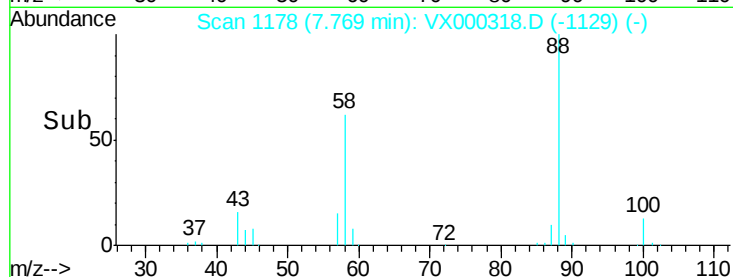
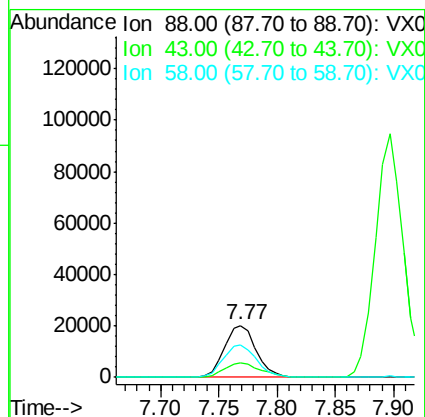
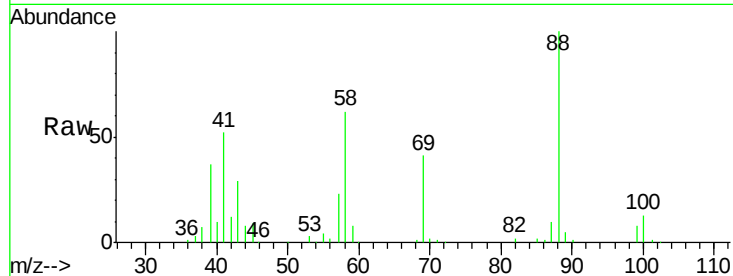




#49
 1,4-Dioxane
 Concen: 818.45 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

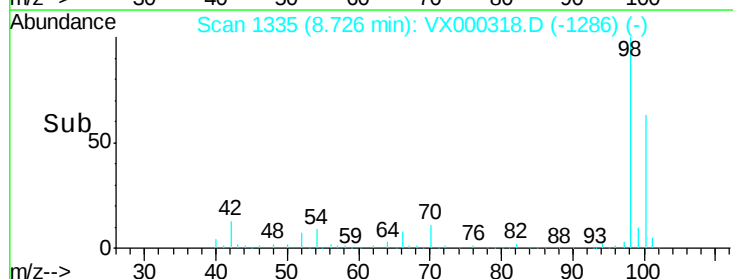
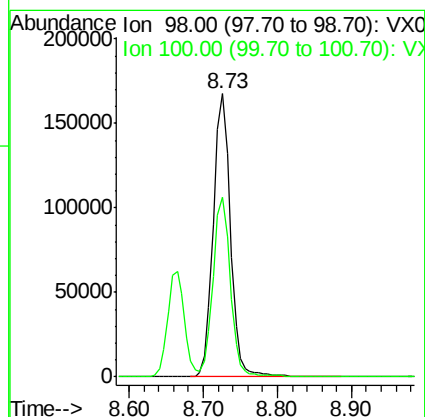
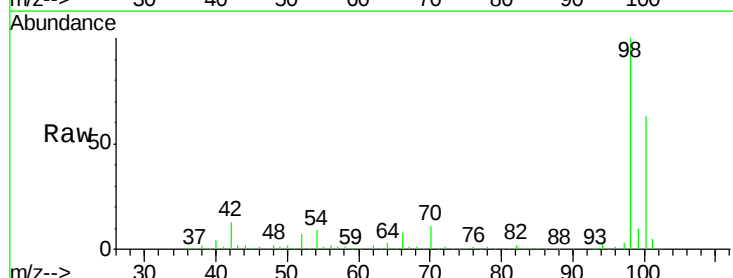
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

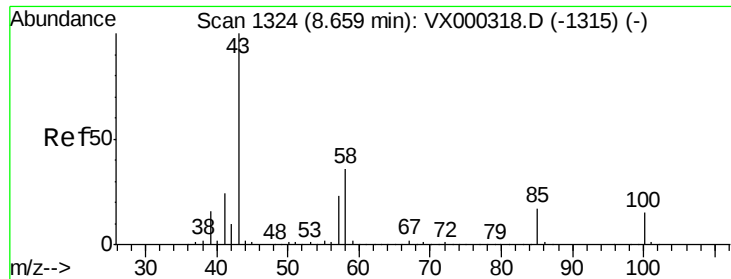
Tgt Ion: 88 Resp: 38131
 Ion Ratio Lower Upper
 88 100
 43 33.5 26.8 40.2
 58 65.2 52.2 78.2



#50
 Toluene-d8
 Concen: 53.79 ug/l
 RT: 8.73 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

Tgt Ion: 98 Resp: 266204
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 251.95 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

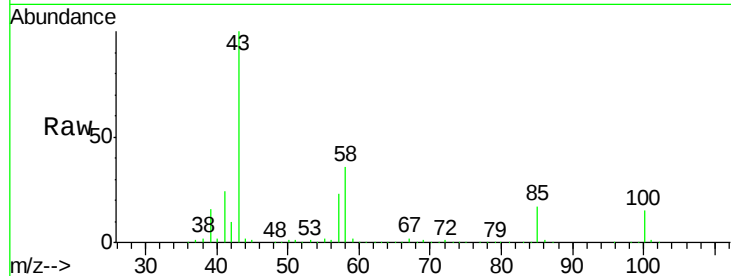
VSTDICCC050

Tgt Ion: 43 Resp: 666762

Ion Ratio Lower Upper

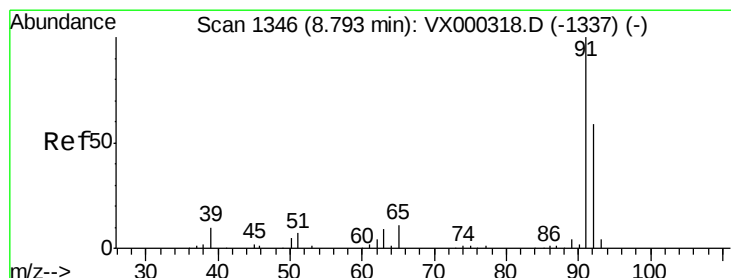
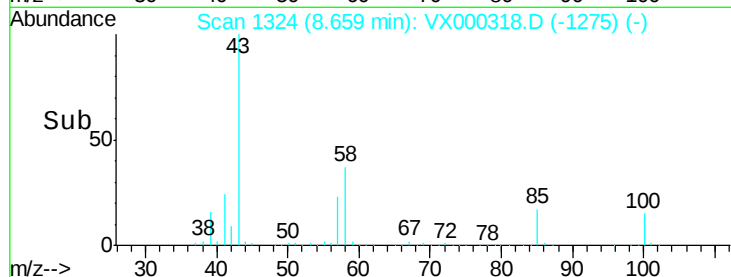
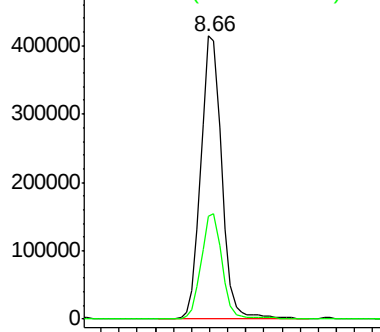
43 100

58 37.9 30.3 45.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.24 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000318.D

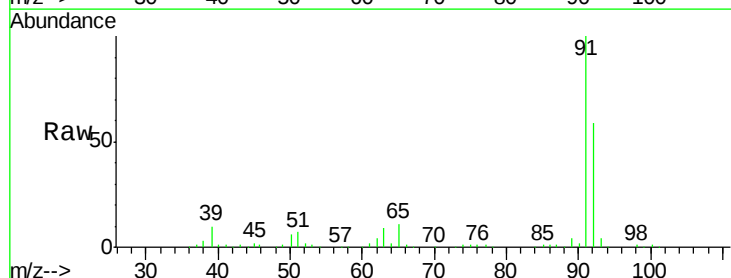
Acq: 14 Mar 2018 17:16

Tgt Ion: 92 Resp: 175405

Ion Ratio Lower Upper

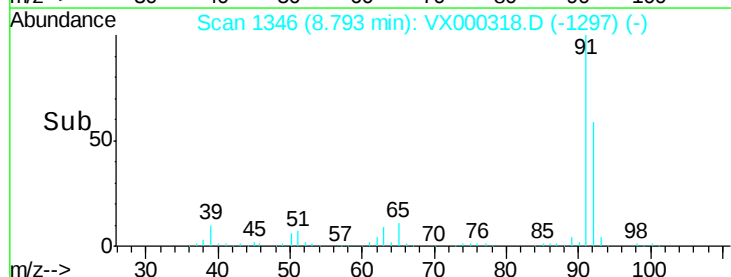
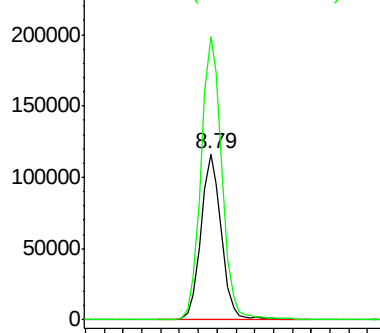
92 100

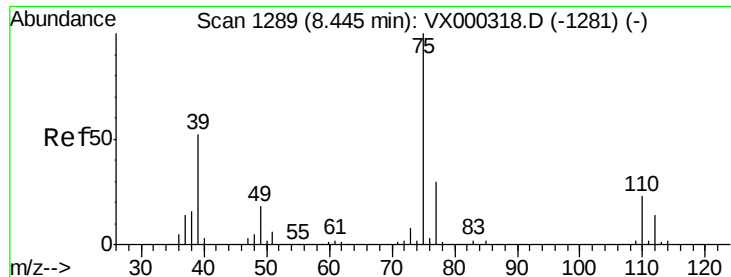
91 175.2 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

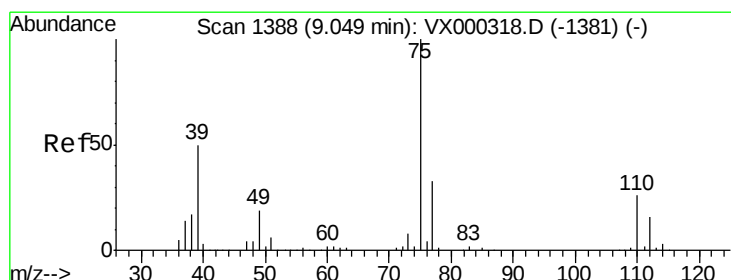
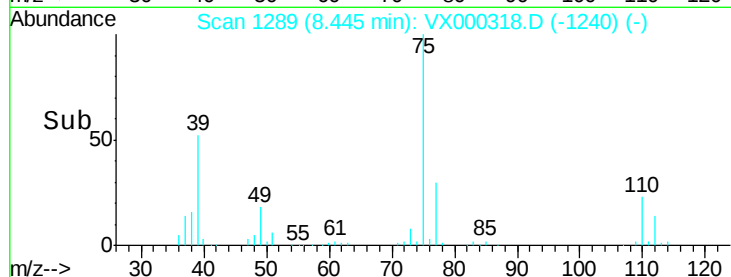
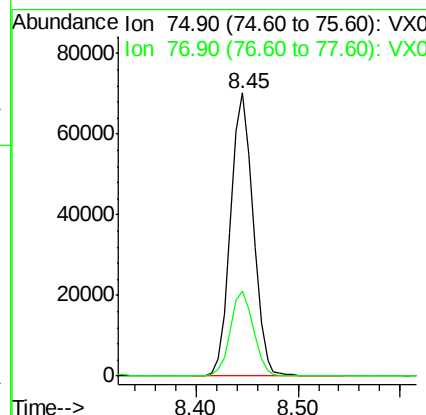
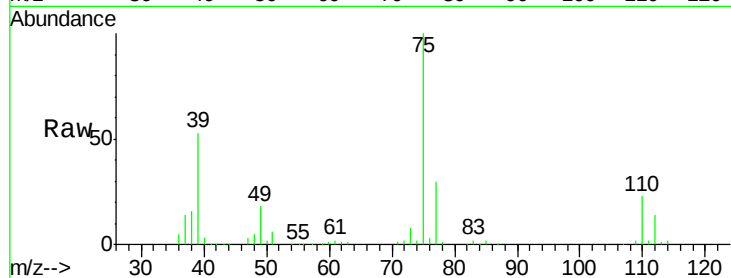




#53
 t-1,3-Dichloropropene
 Concen: 48.55 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

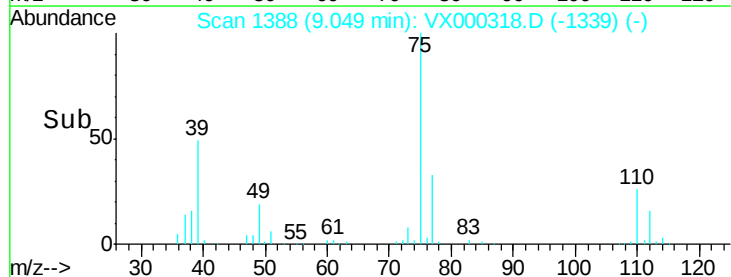
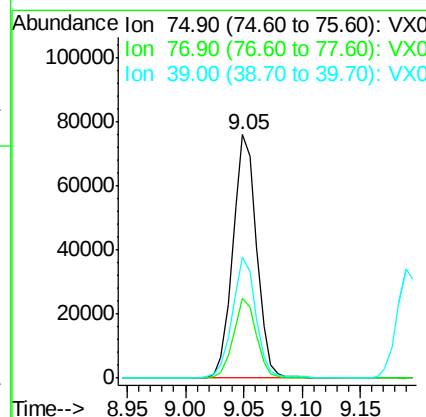
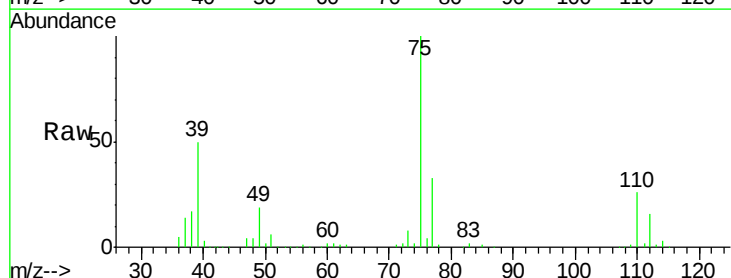
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

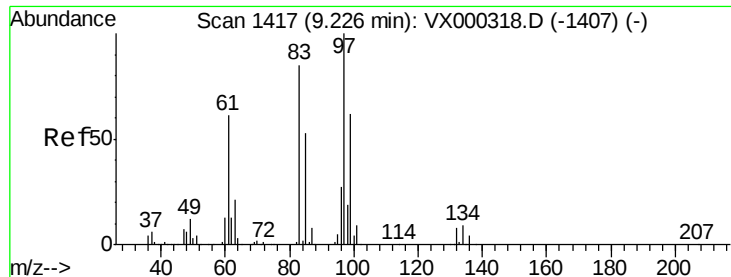
Tgt Ion: 75 Resp: 107701
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 49.68 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

Tgt Ion: 75 Resp: 107938
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.1 39.1
 39 49.7 39.8 59.6

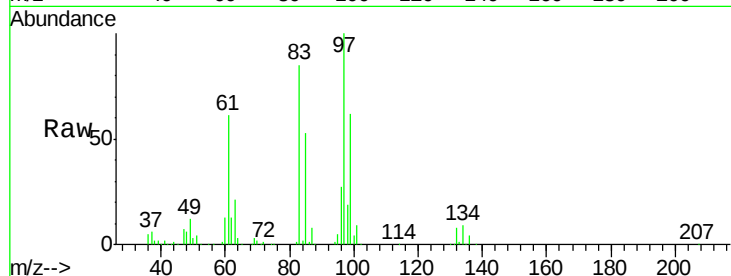




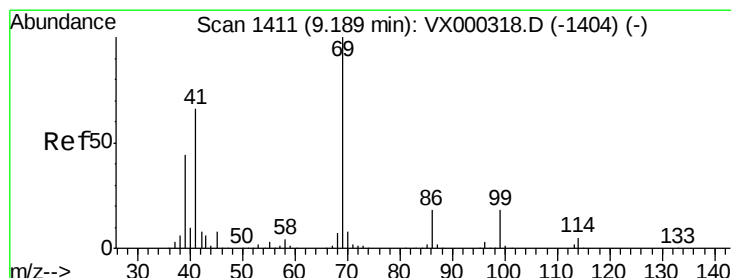
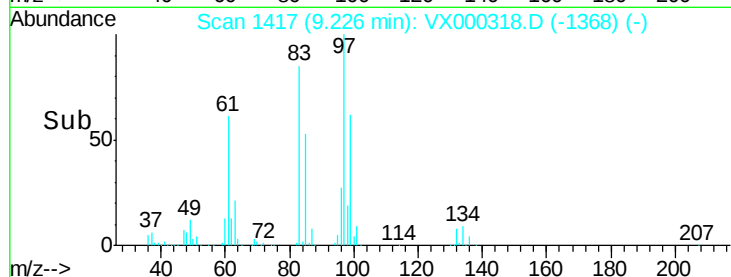
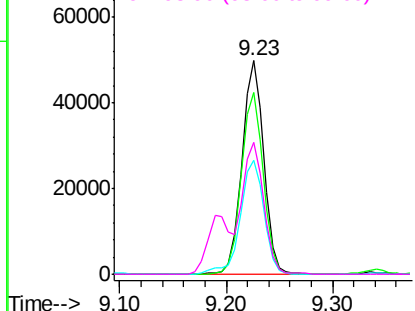
#55
 1,1,2-Trichloroethane
 Concen: 50.40 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 71464
 Ion Ratio Lower Upper
 97 100
 83 84.9 67.9 101.9
 85 53.5 42.8 64.2
 99 61.8 49.4 74.2

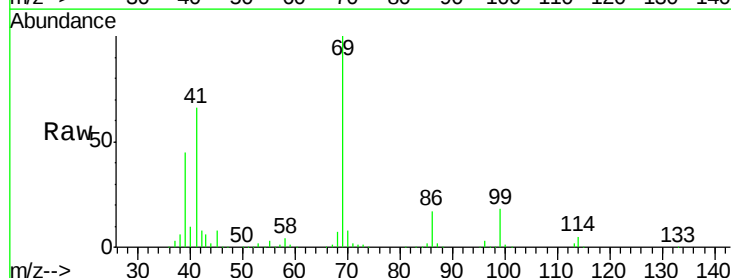


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

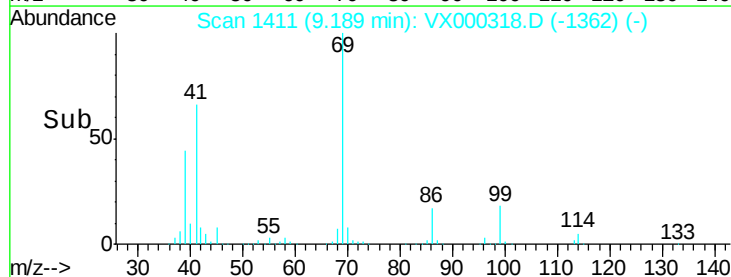
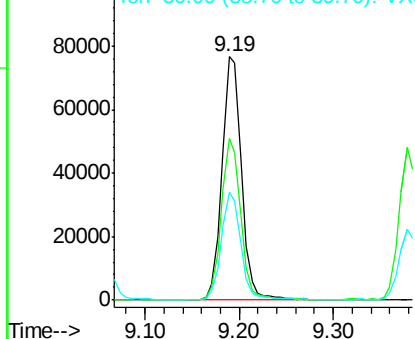


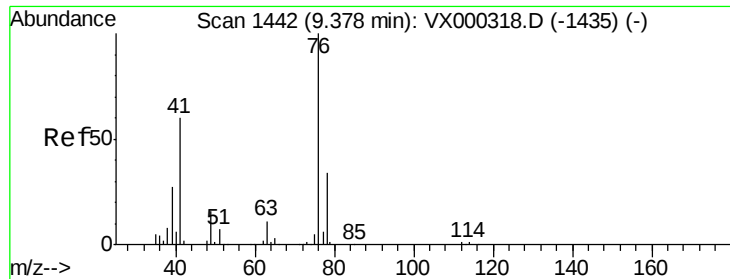
#56
 Ethyl methacrylate
 Concen: 48.63 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

Tgt Ion: 69 Resp: 110162
 Ion Ratio Lower Upper
 69 100
 41 66.3 53.0 79.6
 39 44.1 35.3 52.9



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

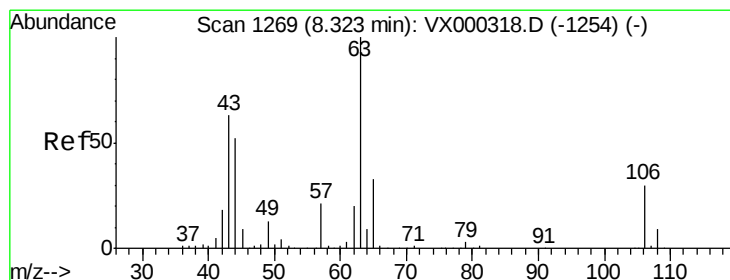
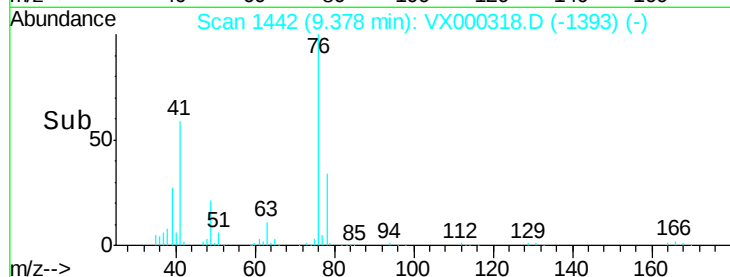
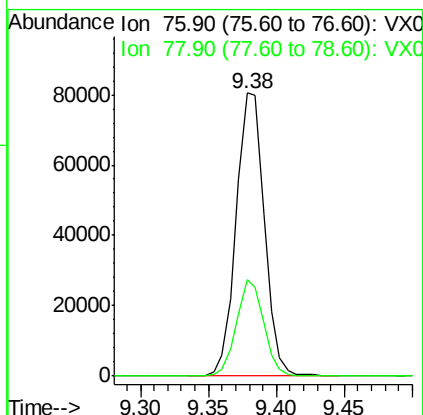
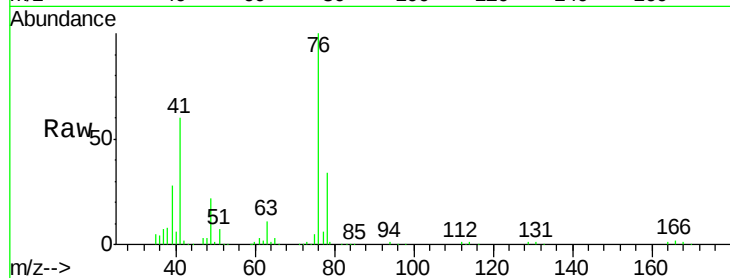




#57
 1,3-Dichloropropane
 Concen: 51.70 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

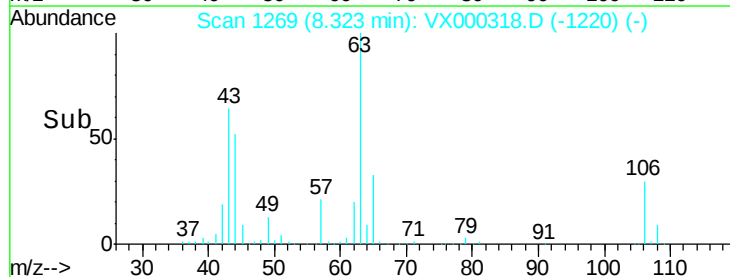
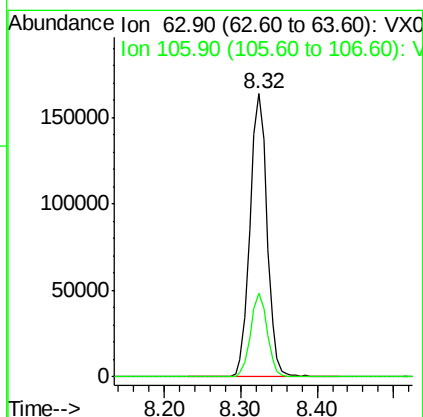
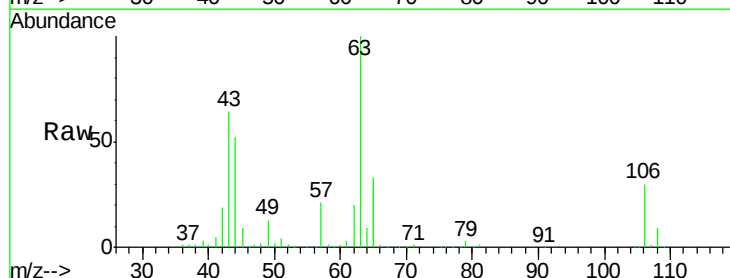
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

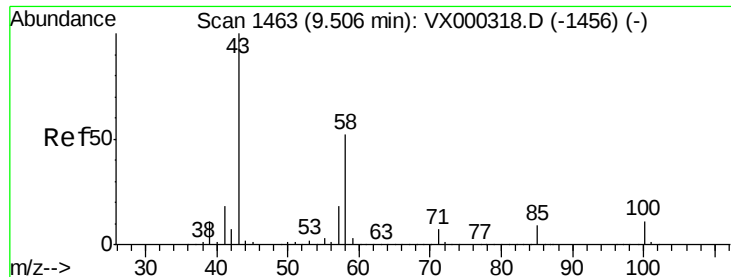
Tgt Ion: 76 Resp: 116456
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 242.67 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

Tgt Ion: 63 Resp: 256119
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.2 34.8





#59

2-Hexanone

Concen: 251.53 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

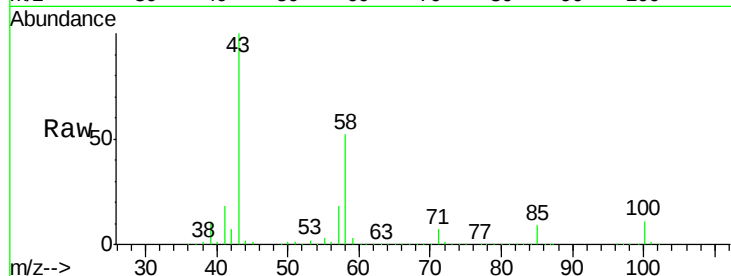
VSTDICCC050

Tgt Ion: 43 Resp: 571881

Ion Ratio Lower Upper

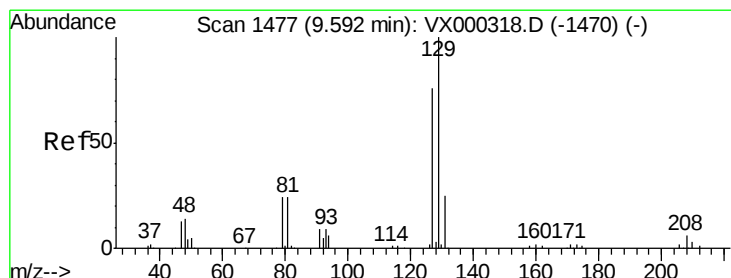
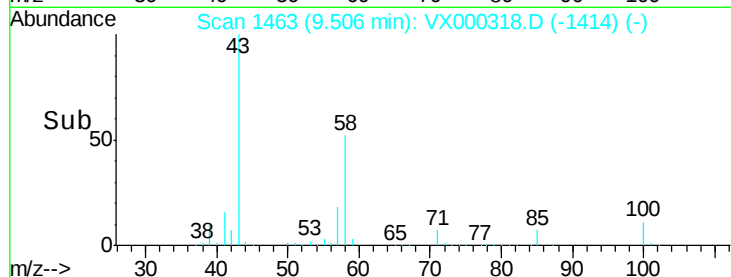
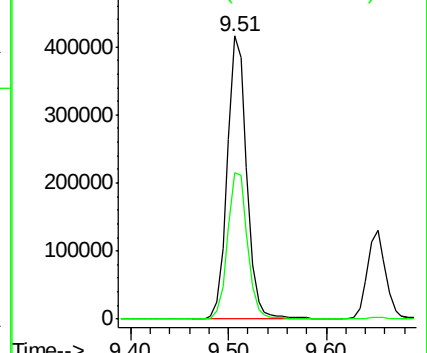
43 100

58 53.1 26.6 79.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 47.51 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX000318.D

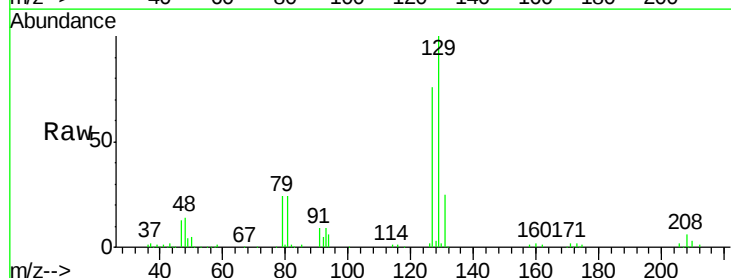
Acq: 14 Mar 2018 17:16

Tgt Ion: 129 Resp: 78909

Ion Ratio Lower Upper

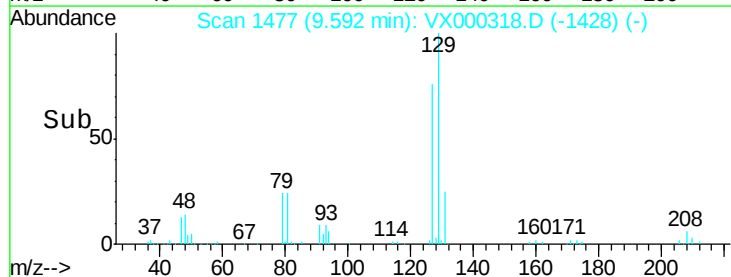
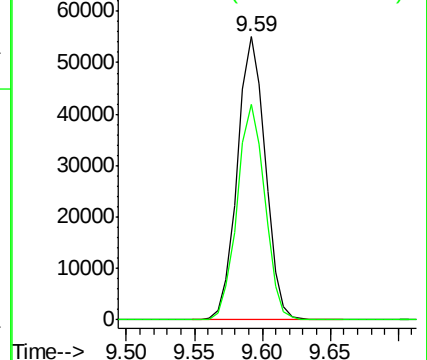
129 100

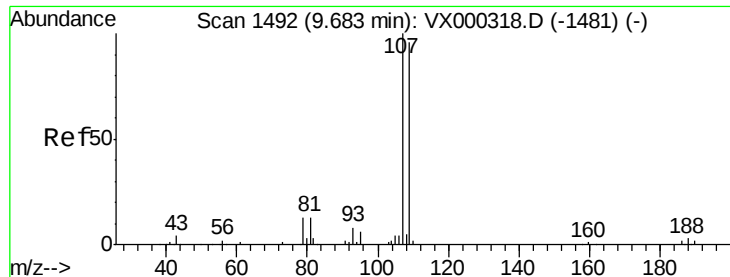
127 75.7 37.9 113.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 51.62 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

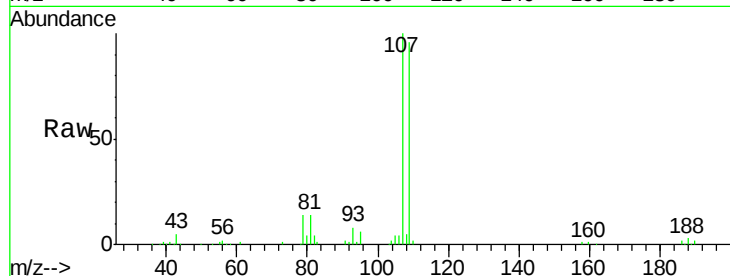
VSTDICCC050

Tgt Ion: 107 Resp: 80505

Ion Ratio Lower Upper

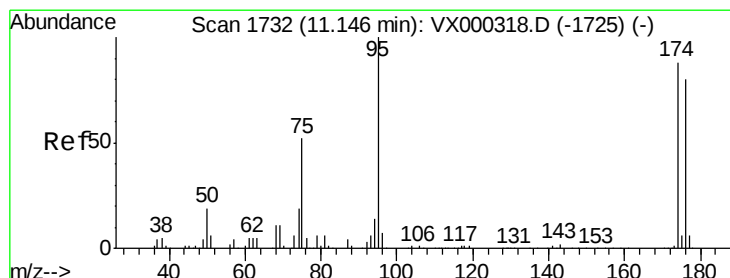
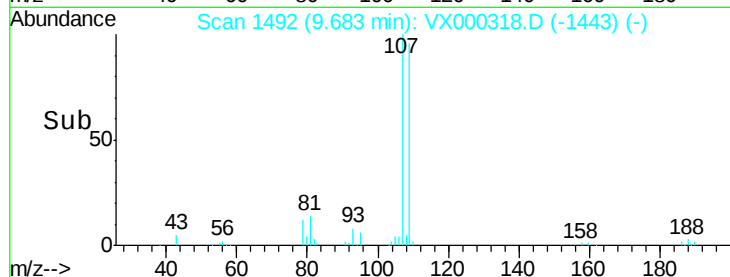
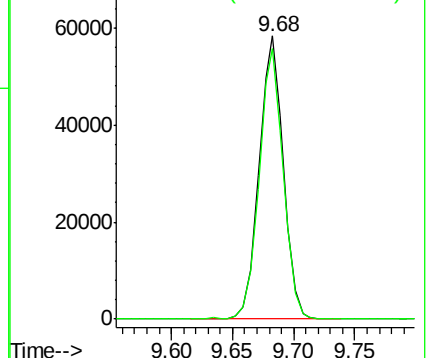
107 100

109 95.1 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.06 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

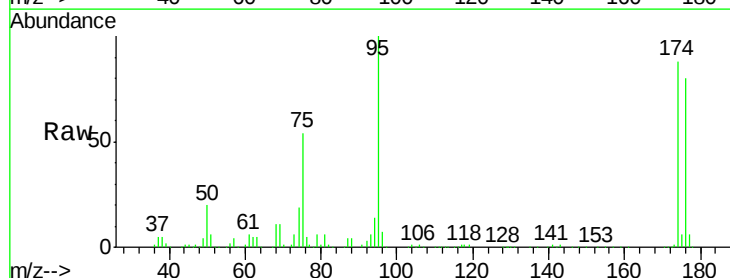
Tgt Ion: 95 Resp: 106459

Ion Ratio Lower Upper

95 100

174 86.8 0.0 173.6

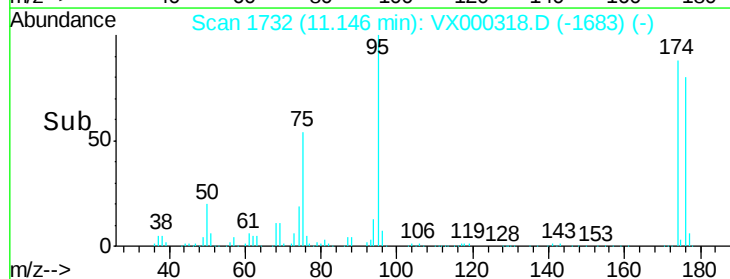
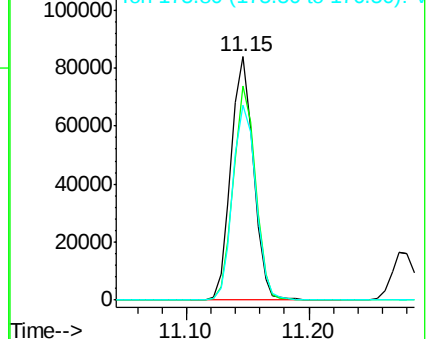
176 82.3 0.0 164.6

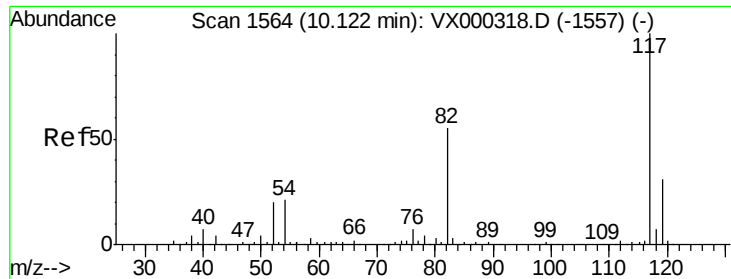


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

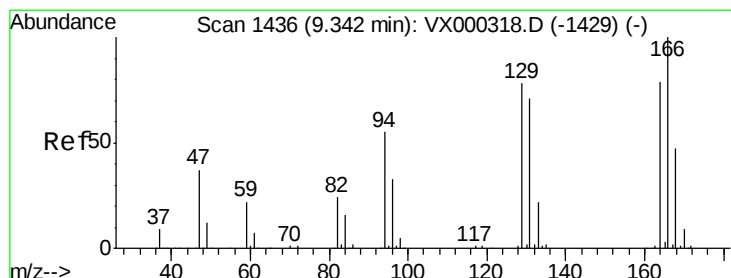
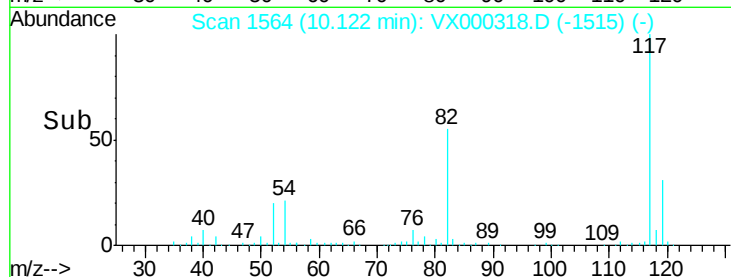
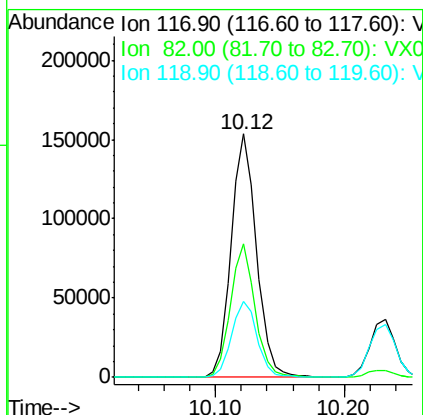
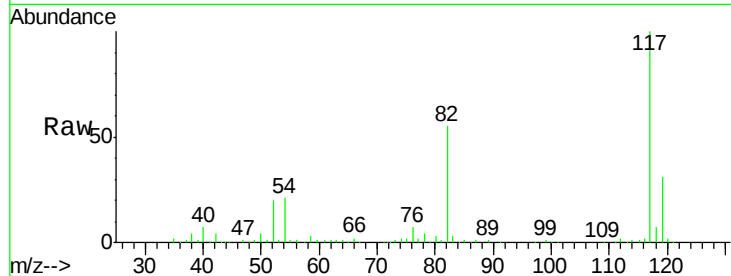




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

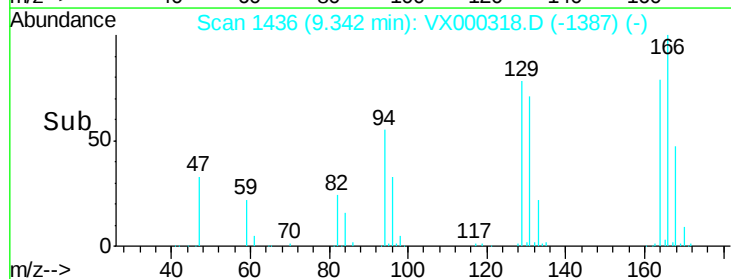
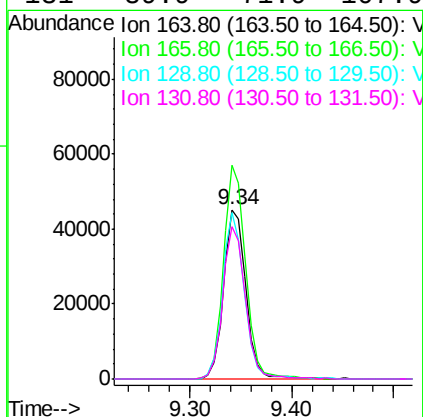
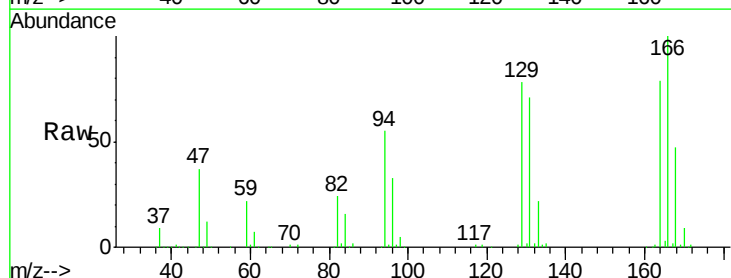
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

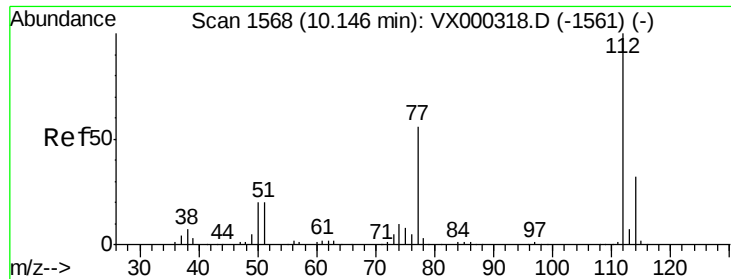
Tgt Ion:117 Resp: 211347
Ion Ratio Lower Upper
117 100
82 54.8 43.8 65.8
119 31.1 24.9 37.3



#64
Tetrachloroethene
Concen: 38.47 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

Tgt Ion:164 Resp: 68488
Ion Ratio Lower Upper
164 100
166 126.3 101.0 151.6
129 98.7 79.0 118.4
131 89.9 71.9 107.9

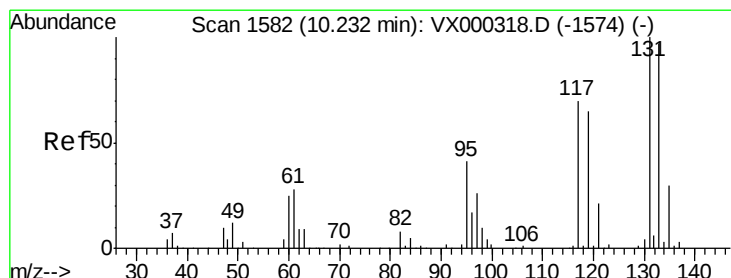
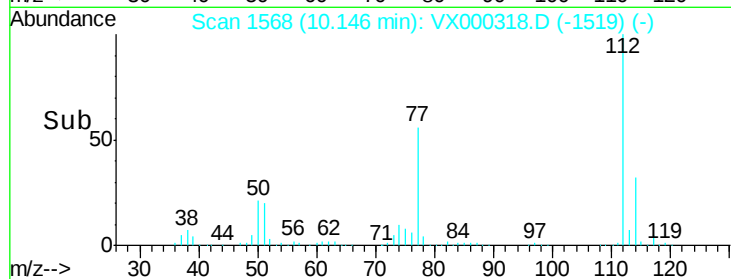
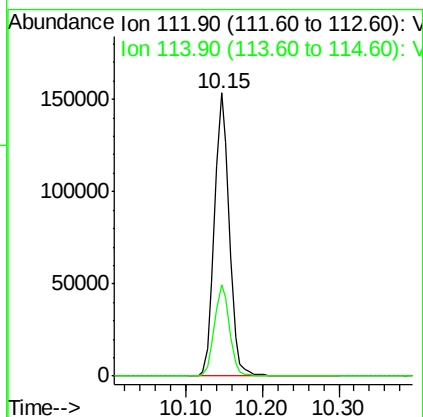
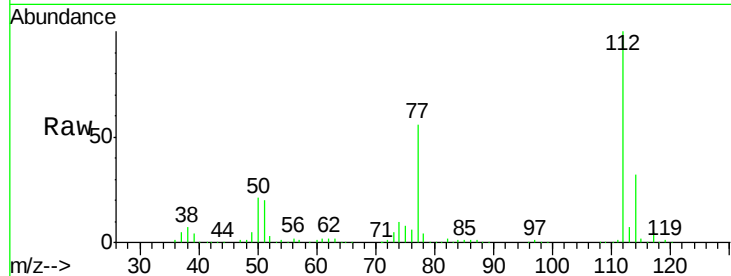




#65
Chlorobenzene
Concen: 46.62 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

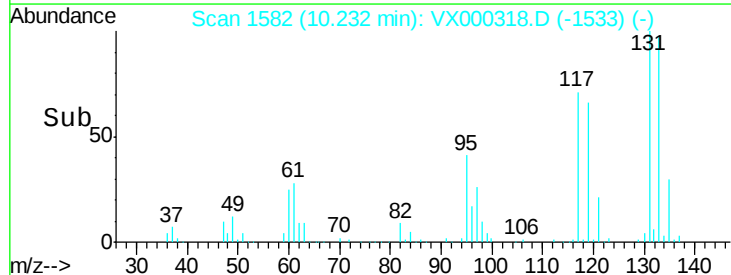
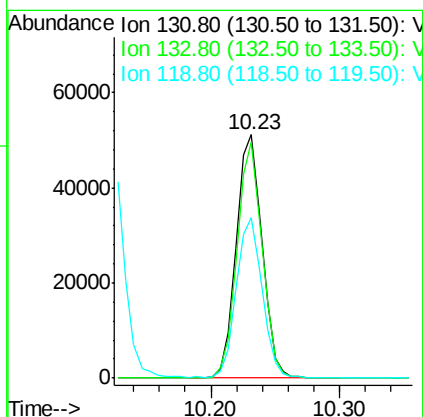
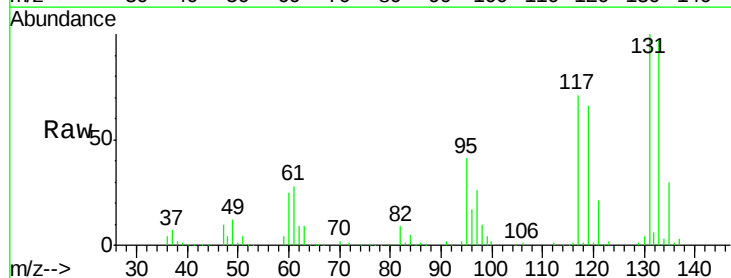
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

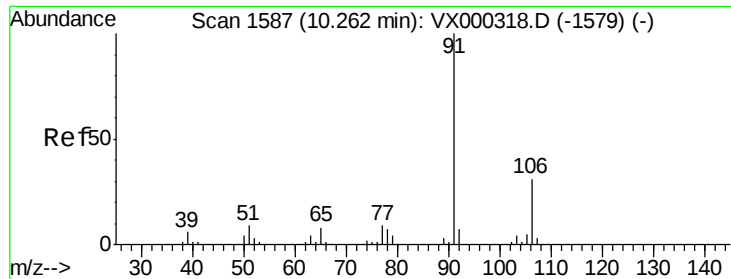
Tgt Ion:112 Resp: 207416
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 43.69 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

Tgt Ion:131 Resp: 71428
Ion Ratio Lower Upper
131 100
133 94.2 47.1 141.3
119 66.1 33.1 99.2

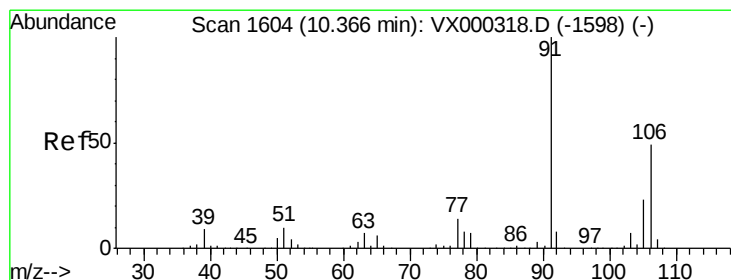
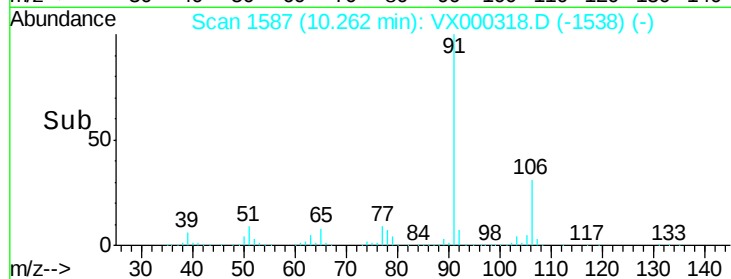
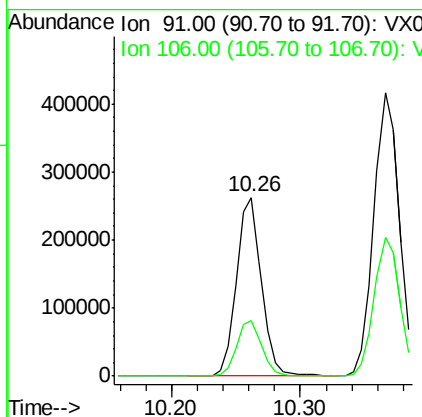
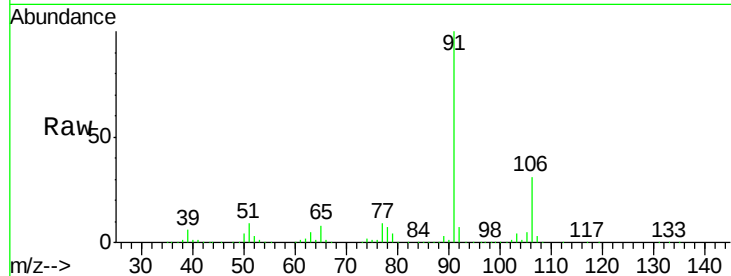




#67
Ethyl Benzene
Concen: 47.97 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

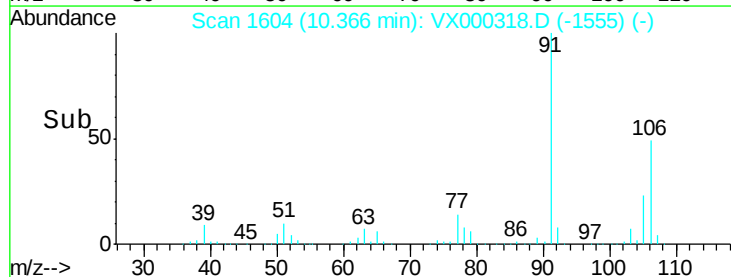
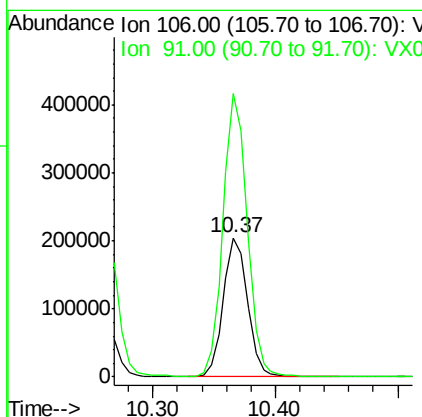
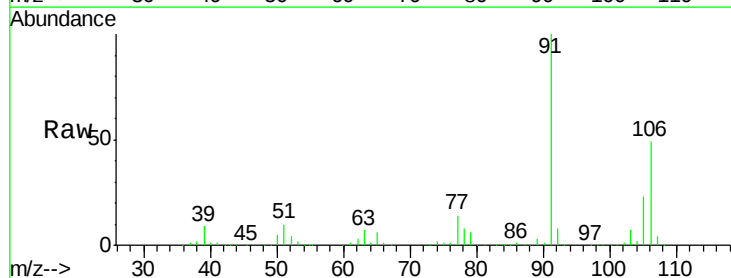
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

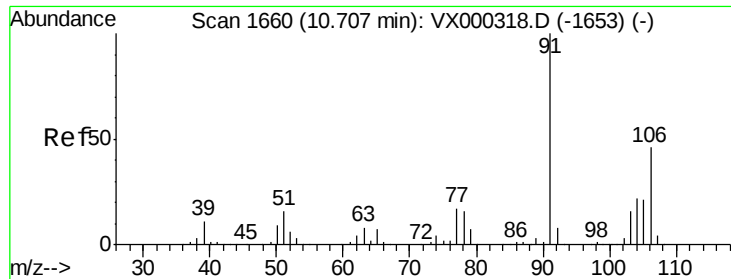
Tgt Ion: 91 Resp: 354173
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 96.18 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

Tgt Ion: 106 Resp: 280787
Ion Ratio Lower Upper
106 100
91 204.3 163.4 245.2

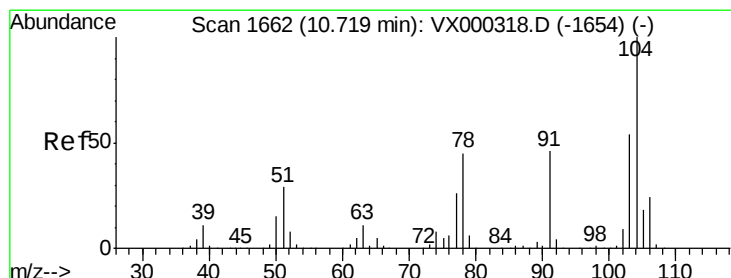
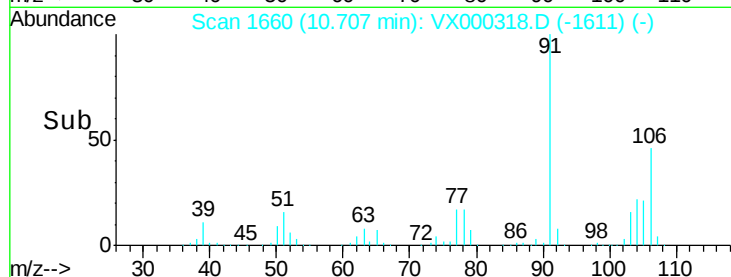
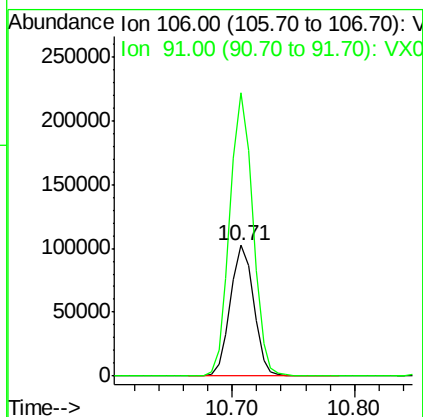
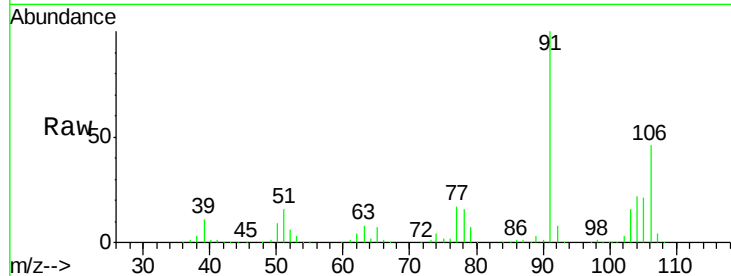




#69
o-Xylene
Concen: 48.22 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

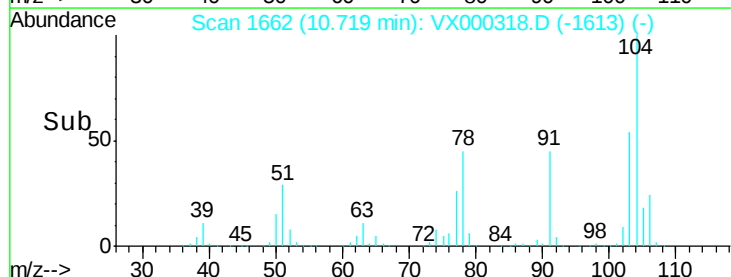
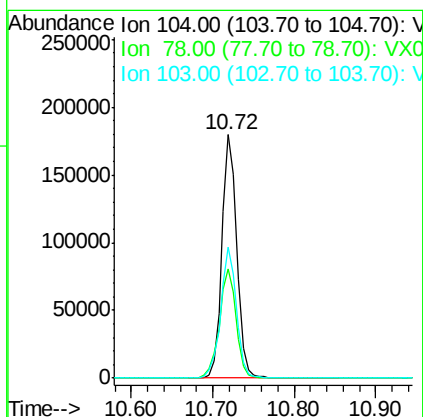
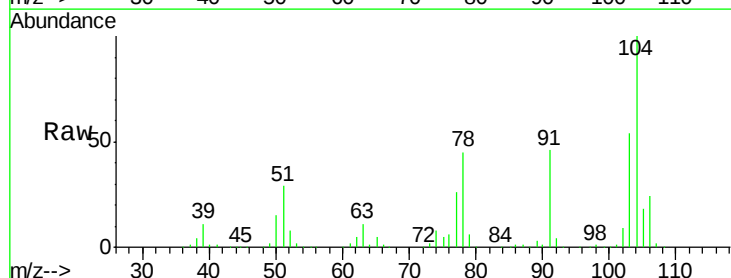
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

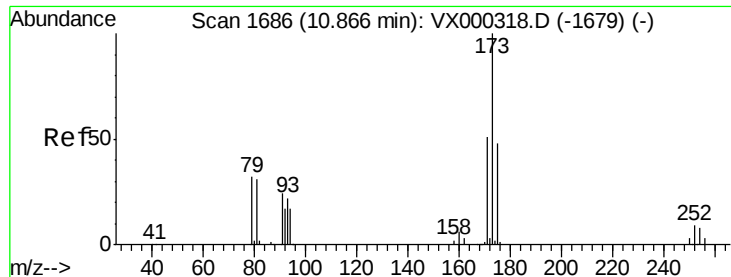
Tgt Ion:106 Resp: 135908
Ion Ratio Lower Upper
106 100
91 213.1 106.5 319.6



#70
Styrene
Concen: 48.42 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000318.D
Acq: 14 Mar 2018 17:16

Tgt Ion:104 Resp: 229091
Ion Ratio Lower Upper
104 100
78 50.6 40.5 60.7
103 57.1 45.7 68.5





#71

Bromoform

Concen: 36.30 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

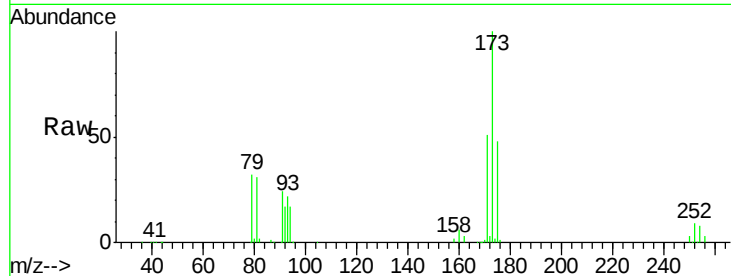
Tgt Ion:173 Resp: 62542

Ion Ratio Lower Upper

173 100

175 50.9 25.4 76.4

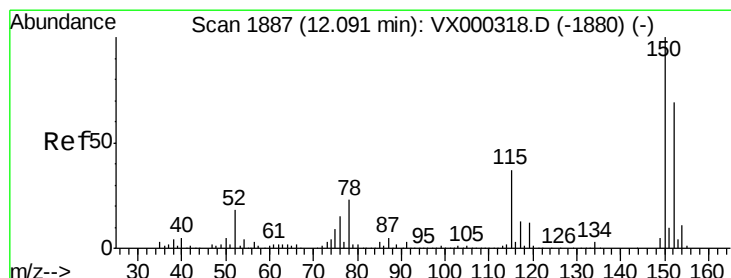
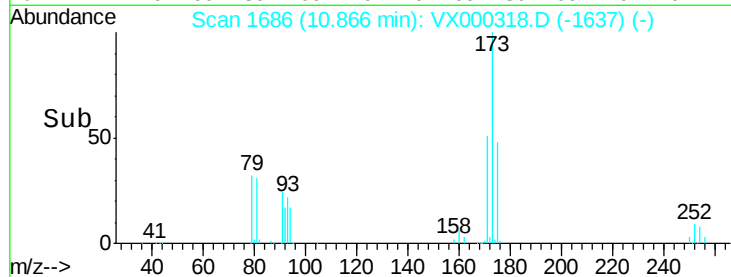
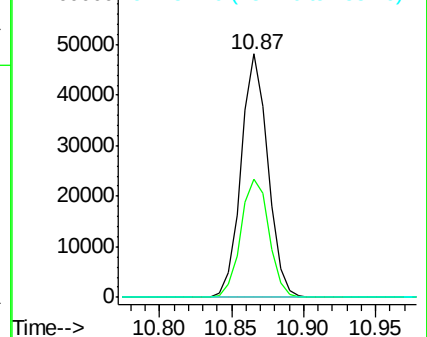
254 0.0 0.0 0.0



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# 1887

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

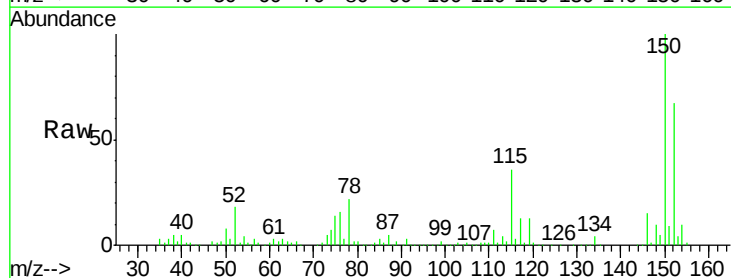
Tgt Ion:152 Resp: 132778

Ion Ratio Lower Upper

152 100

115 79.5 39.8 119.3

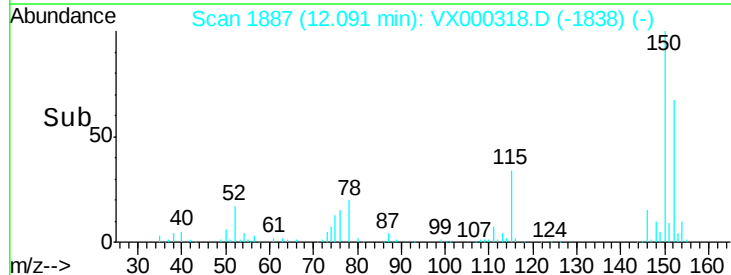
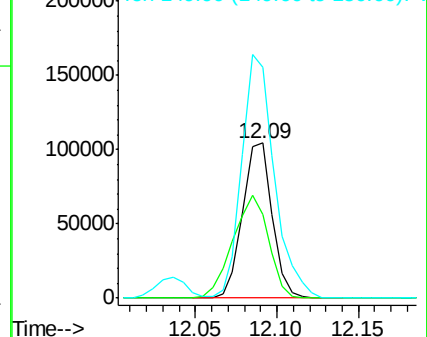
150 172.2 0.0 344.4

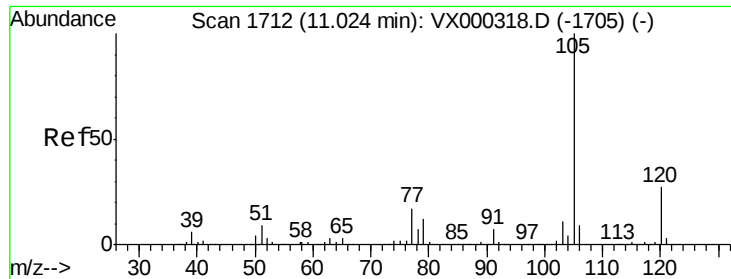


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.44 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

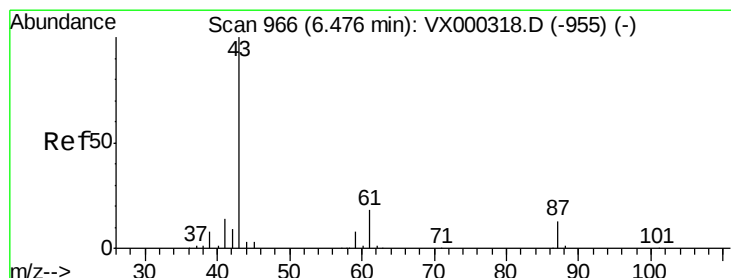
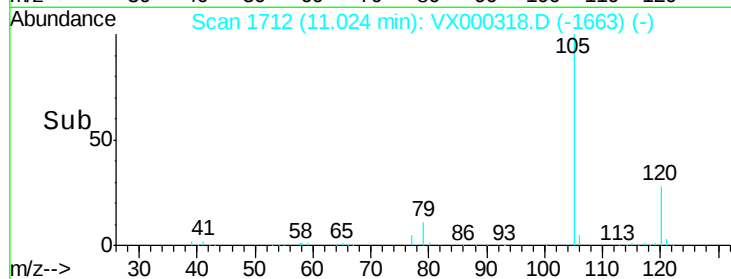
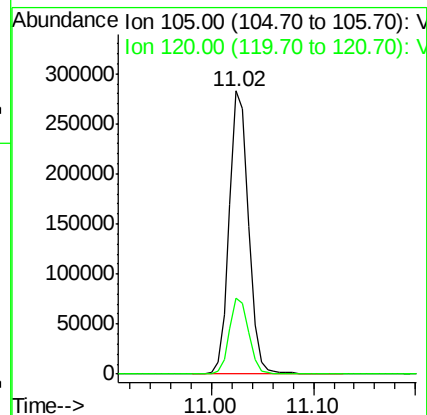
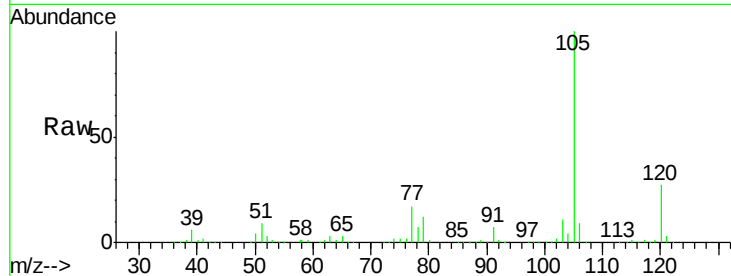
VSTDICCC050

Tgt Ion: 105 Resp: 371009

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#74

N-ethyl acetate

Concen: 41.25 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Tgt Ion: 43 Resp: 174047

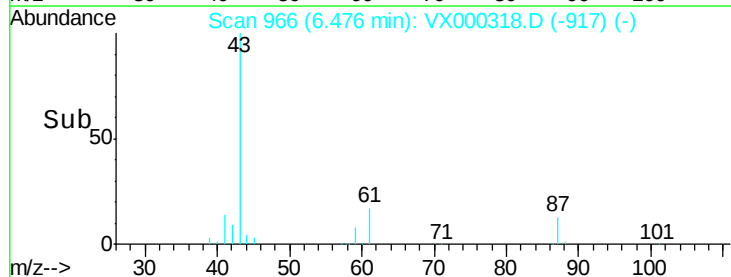
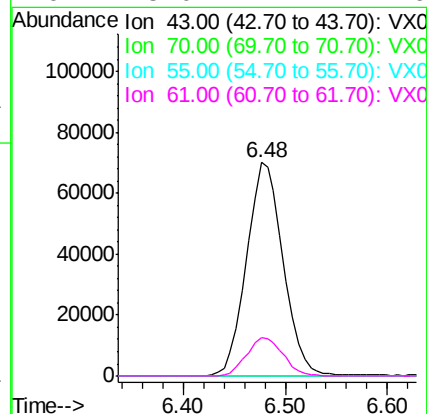
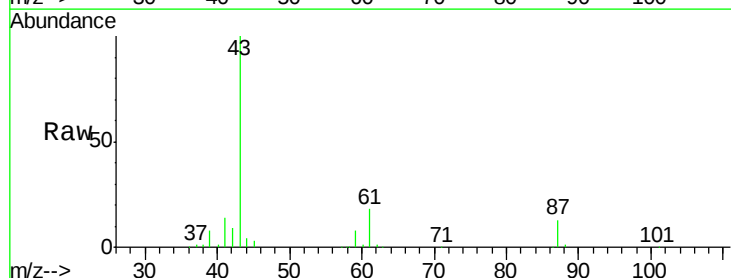
Ion Ratio Lower Upper

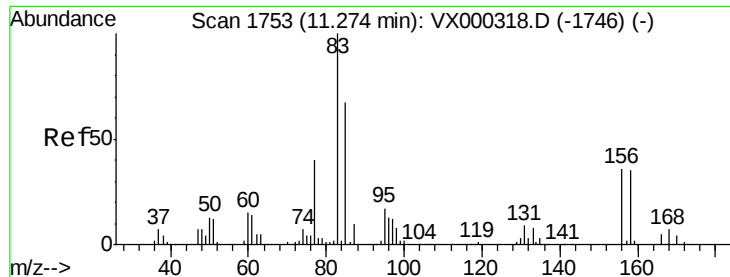
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.0 14.4 21.6

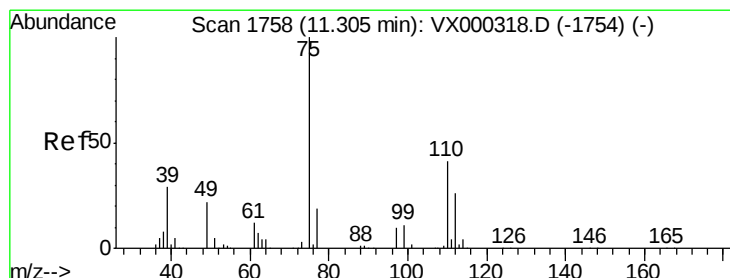
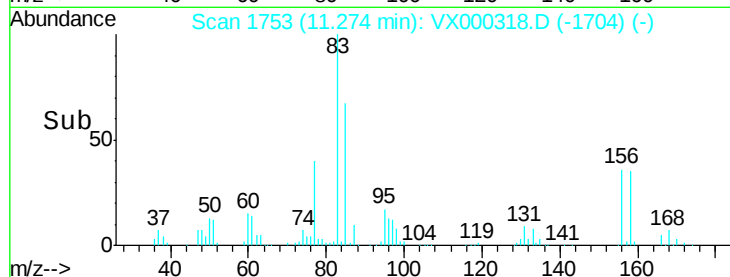
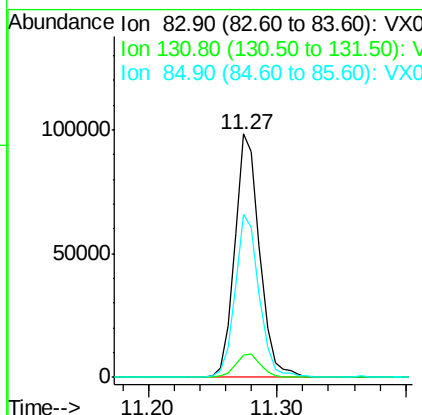
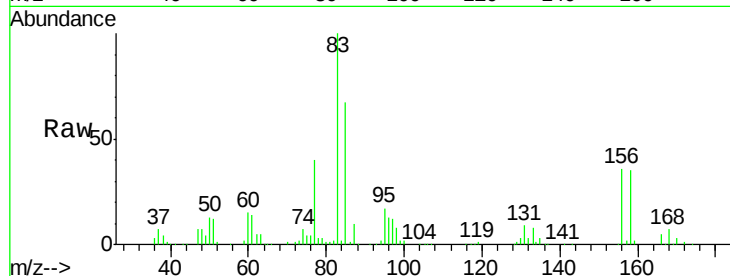




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.74 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

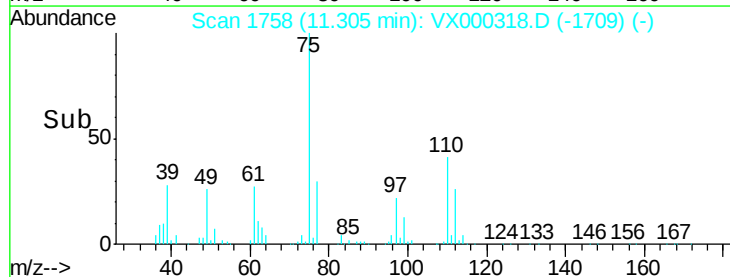
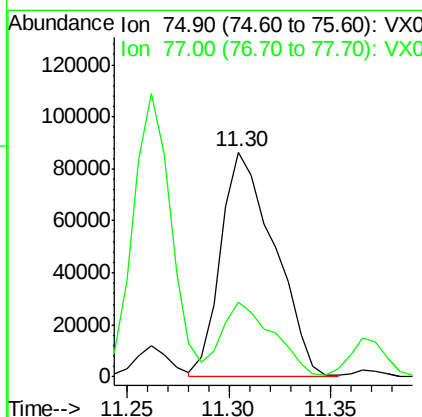
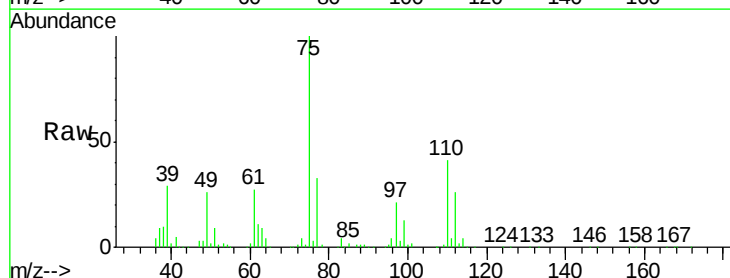
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

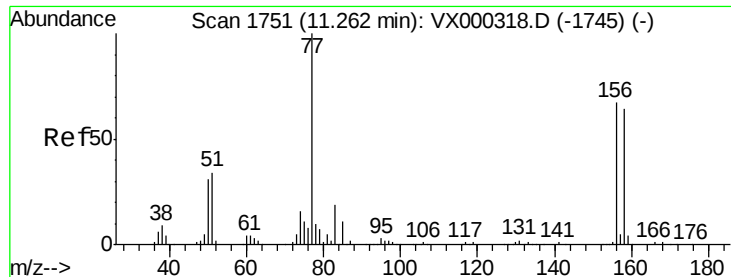
Tgt Ion: 83 Resp: 131452
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 65.0 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 46.23 ug/l
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

Tgt Ion: 75 Resp: 157806
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.4 64.2





#77

Bromobenzene

Concen: 42.01 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

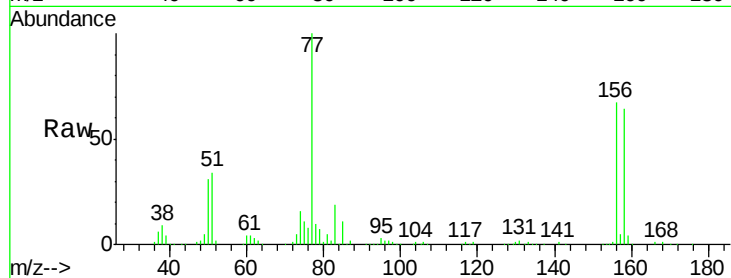
Tgt Ion:156 Resp: 95491

Ion Ratio Lower Upper

156 100

77 146.8 73.4 220.2

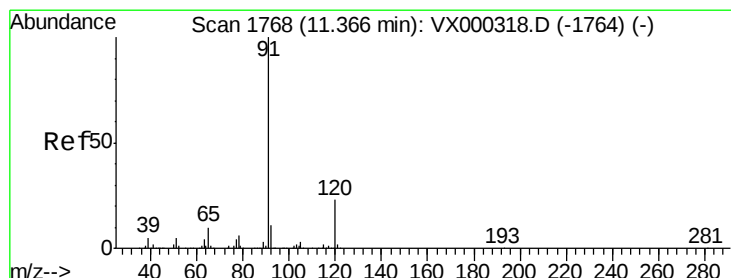
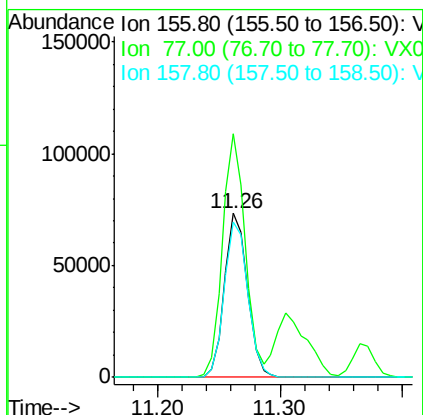
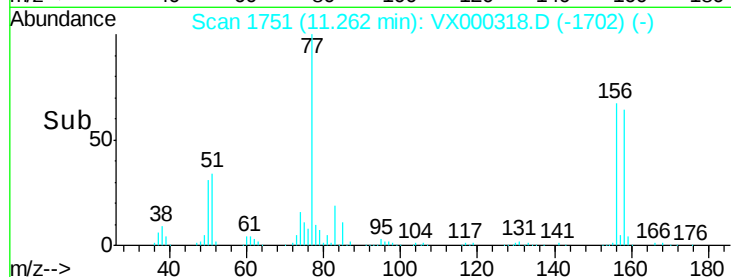
158 97.1 48.5 145.6



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: 47.53 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000318.D

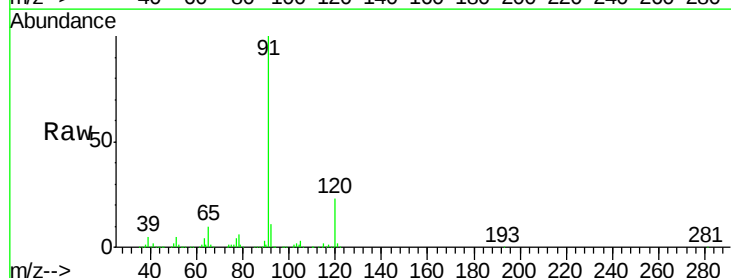
Acq: 14 Mar 2018 17:16

Tgt Ion: 91 Resp: 446992

Ion Ratio Lower Upper

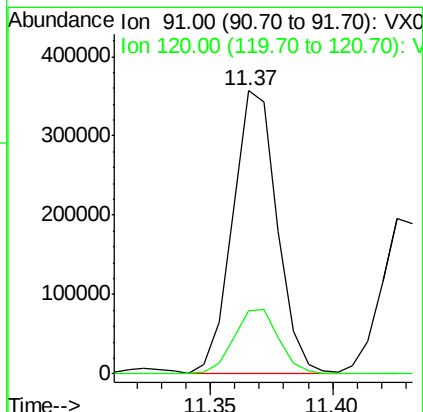
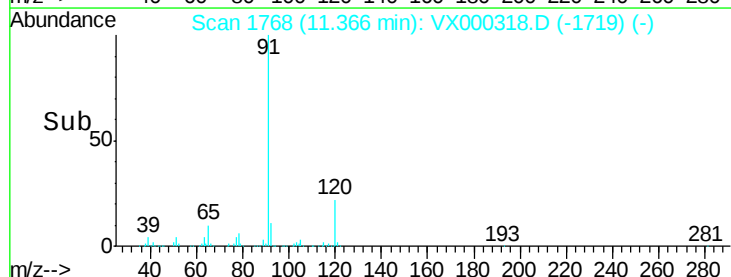
91 100

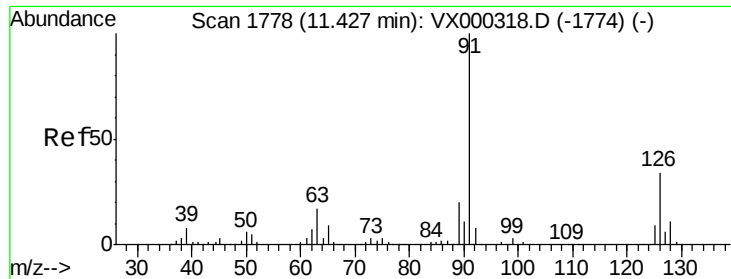
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

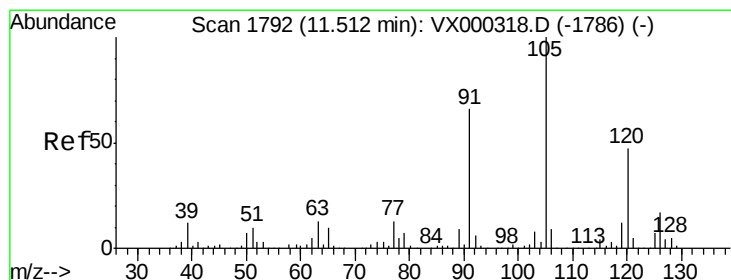
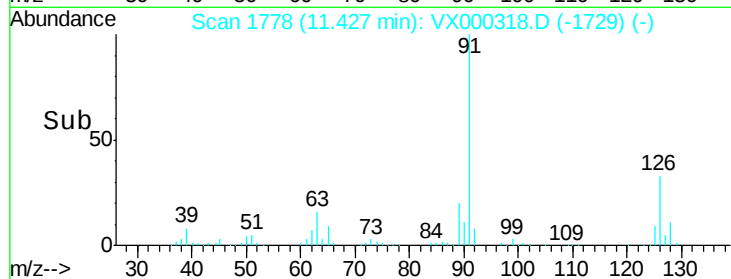
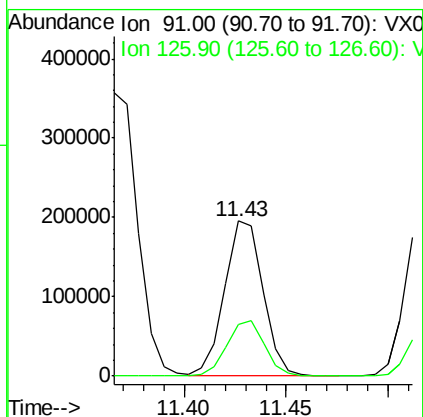
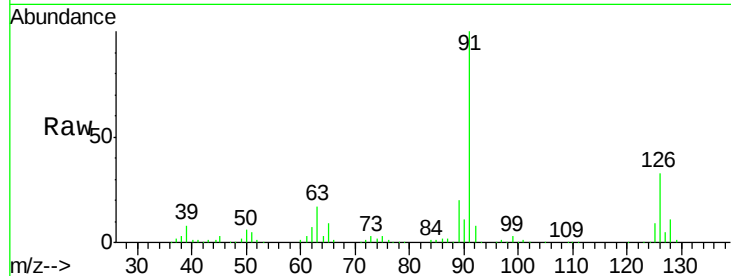




#79
 2-Chlorotoluene
 Concen: 46.86 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

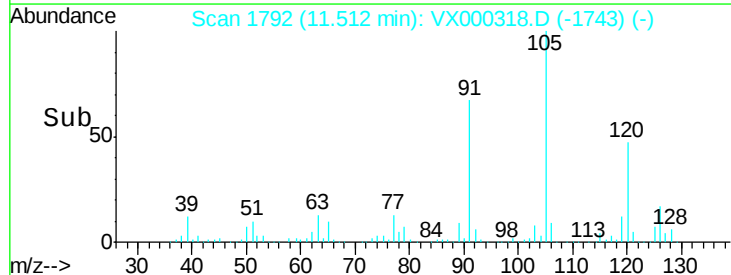
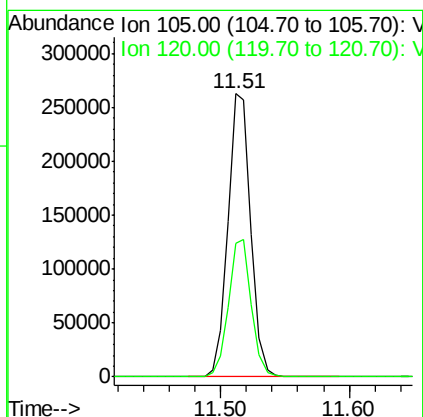
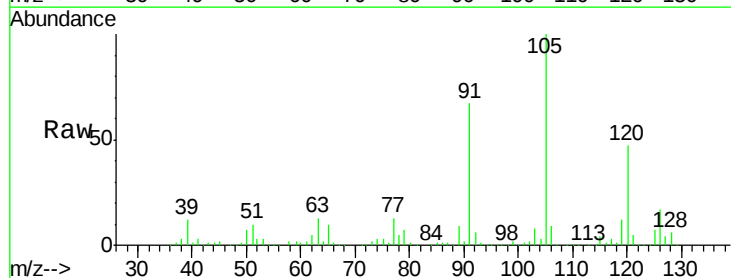
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

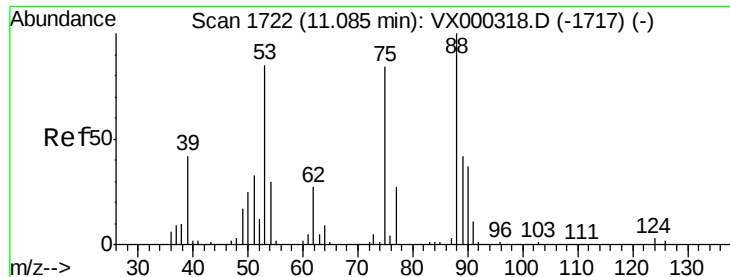
Tgt Ion: 91 Resp: 253689
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 47.91 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

Tgt Ion: 105 Resp: 327085
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 39.46 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

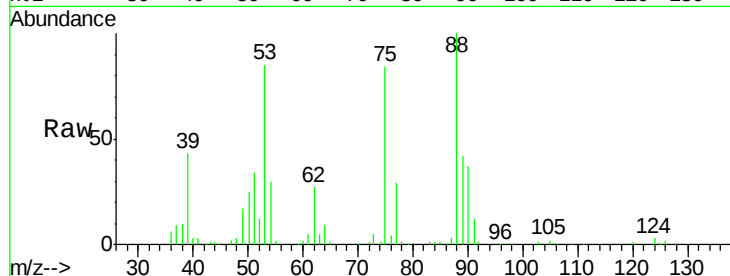
Tgt Ion: 75 Resp: 38851

Ion Ratio Lower Upper

75 100

53 100.9 80.7 121.1

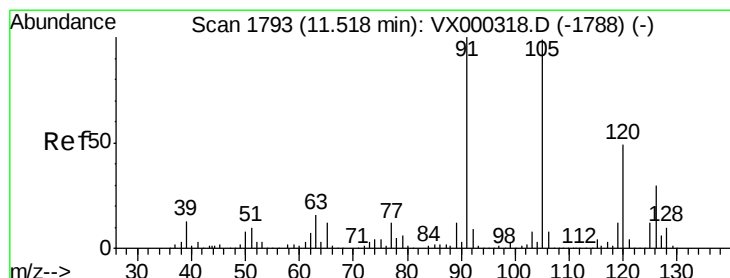
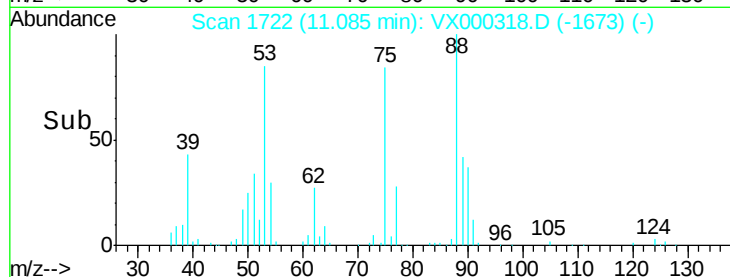
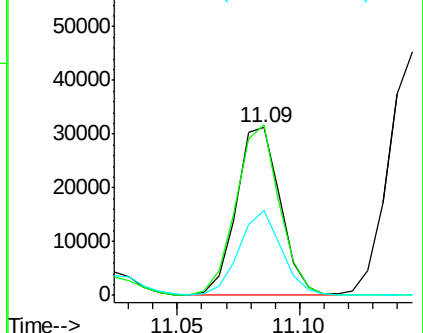
89 49.2 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.29 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000318.D

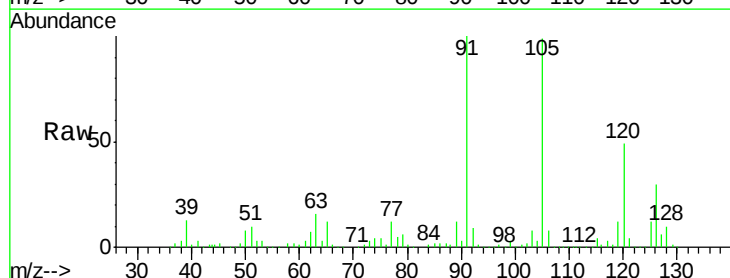
Acq: 14 Mar 2018 17:16

Tgt Ion: 91 Resp: 317050

Ion Ratio Lower Upper

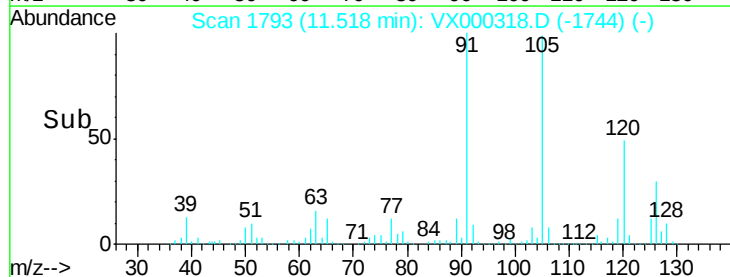
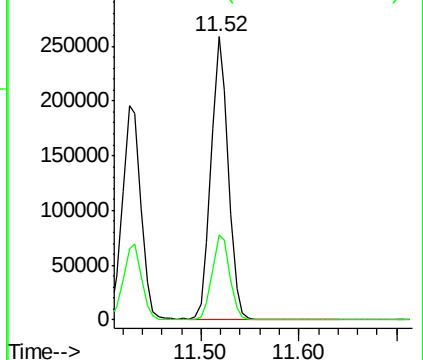
91 100

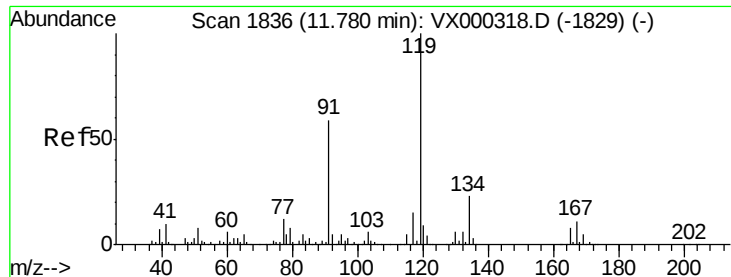
126 30.7 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

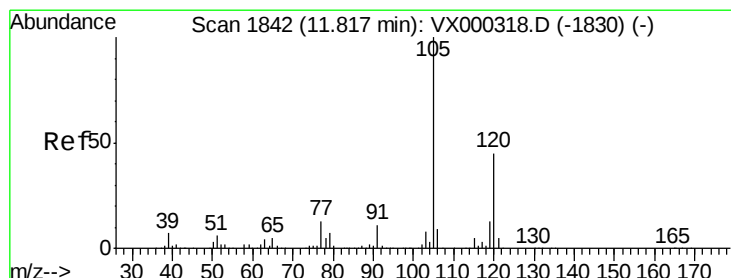
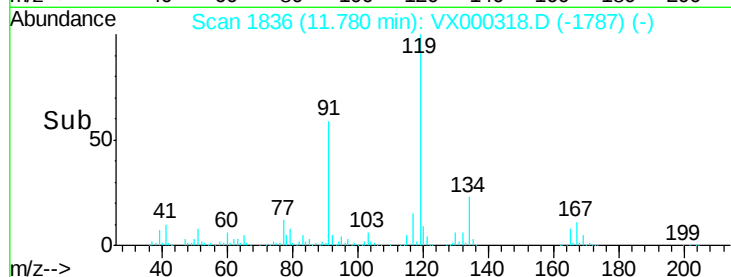
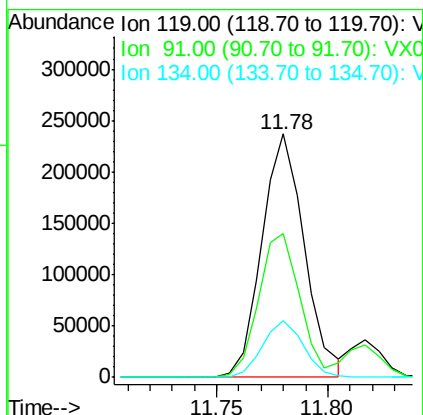
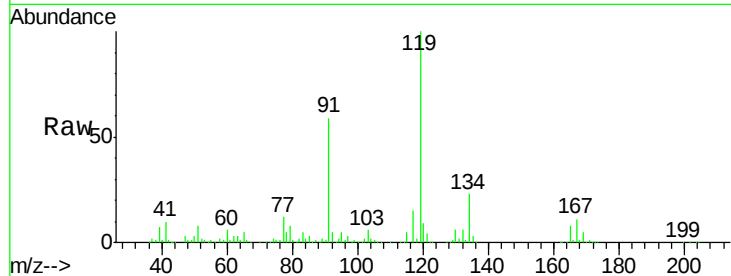




#83
 tert-Butylbenzene
 Concen: 44.92 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

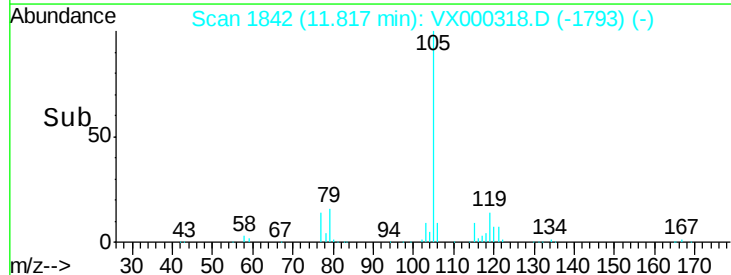
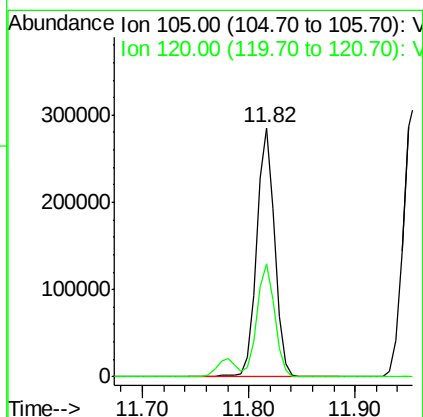
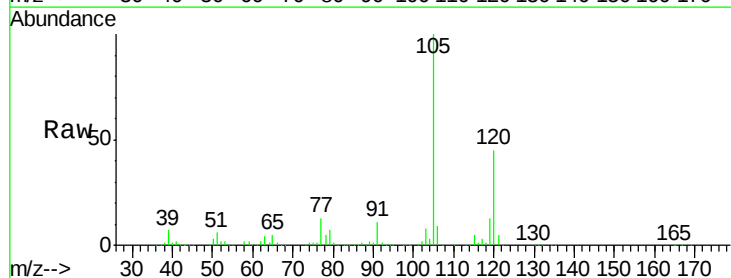
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

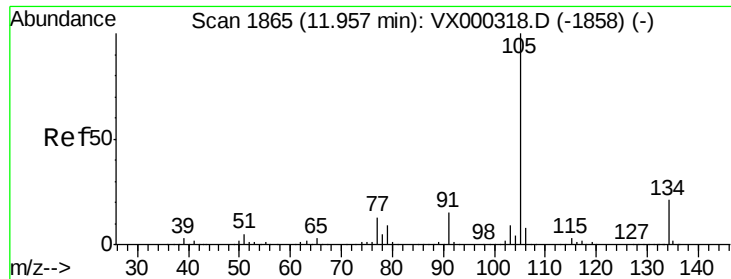
Tgt Ion:119 Resp: 313026
 Ion Ratio Lower Upper
 119 100
 91 57.6 28.8 86.4
 134 22.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 47.54 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

Tgt Ion:105 Resp: 337433
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

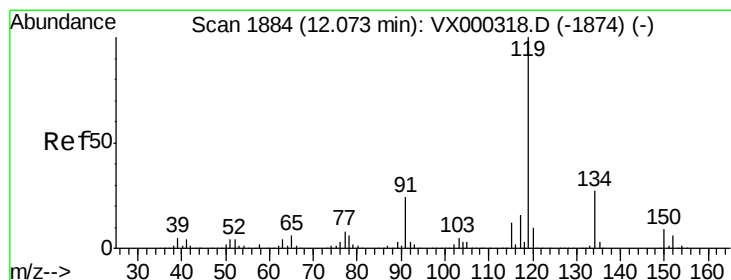
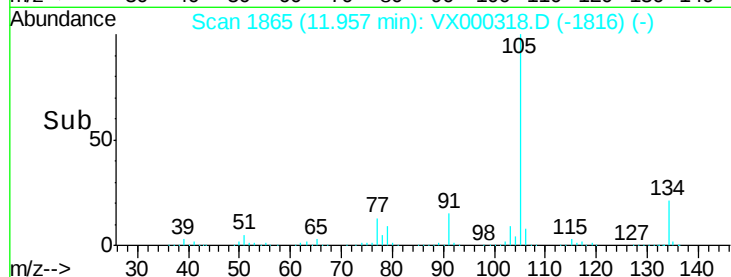
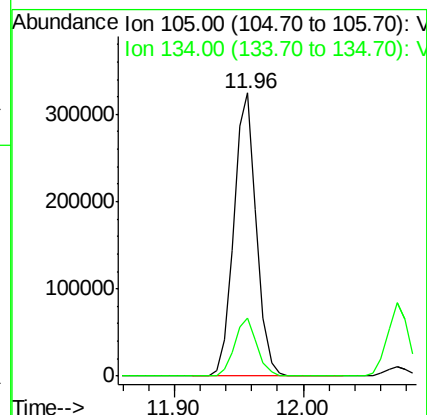
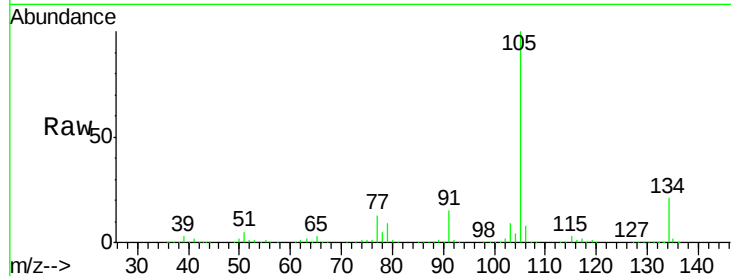




#85
 sec-Butylbenzene
 Concen: 46.92 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

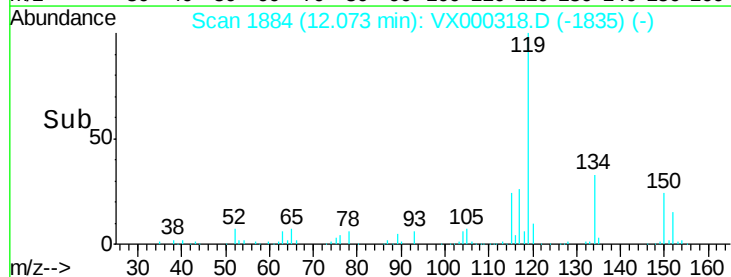
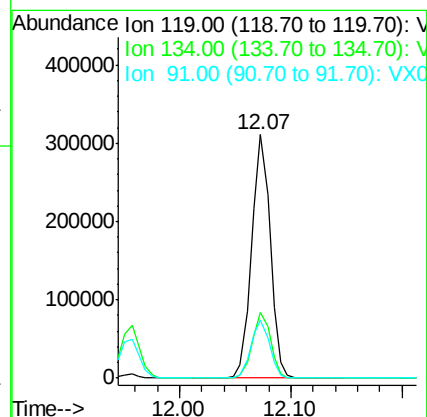
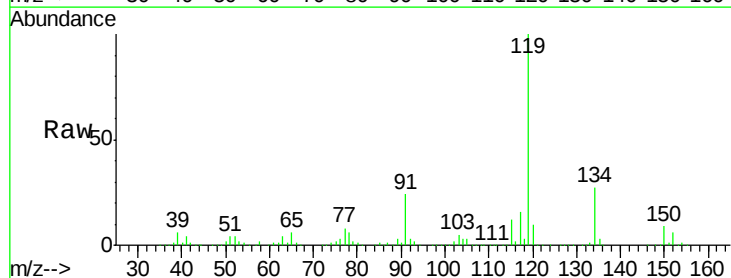
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

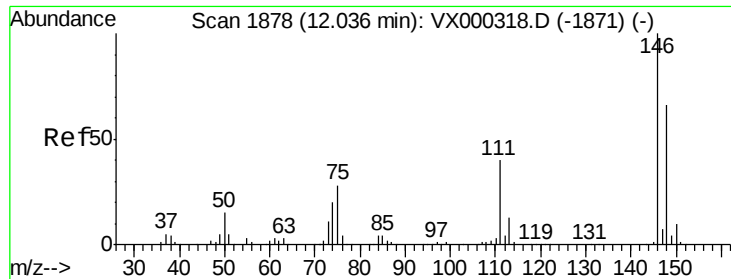
Tgt Ion:105 Resp: 395473
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 45.83 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

Tgt Ion:119 Resp: 359729
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 24.1 12.0 36.1

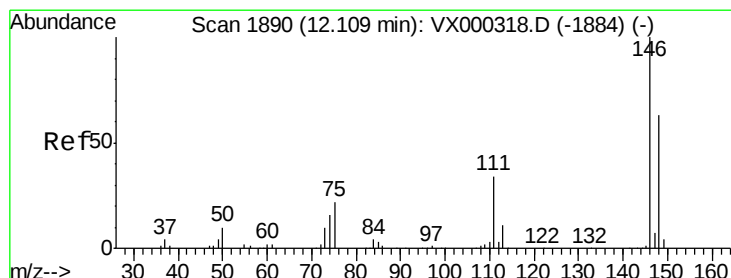
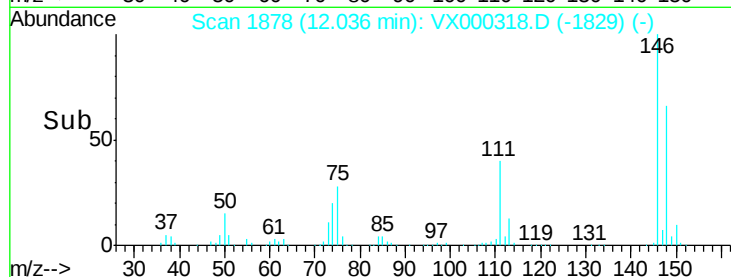
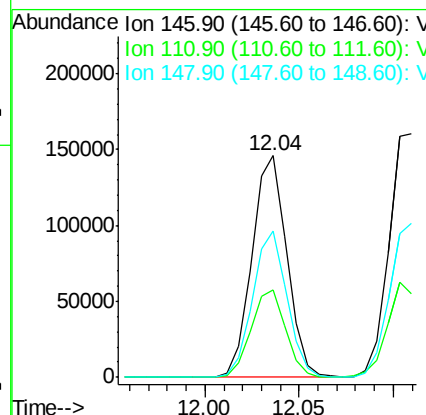
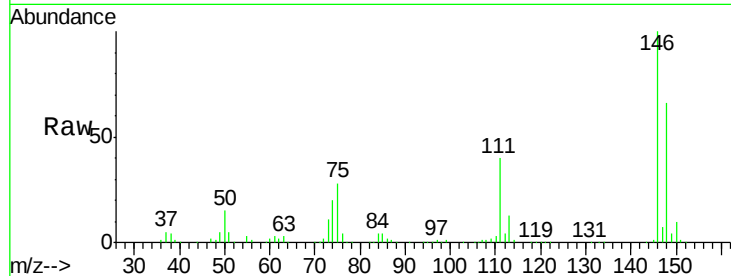




#87
 1,3-Dichlorobenzene
 Concen: 42.86 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

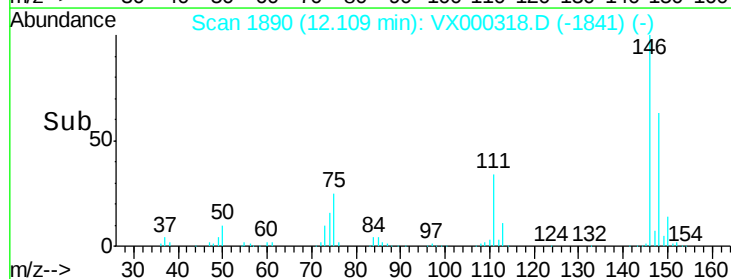
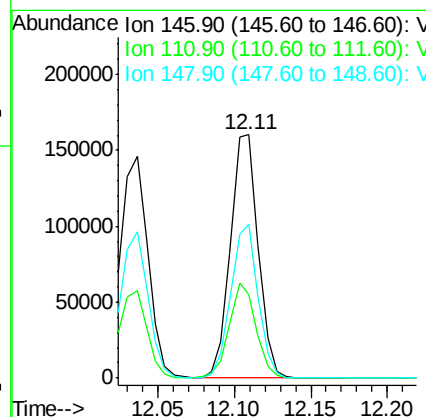
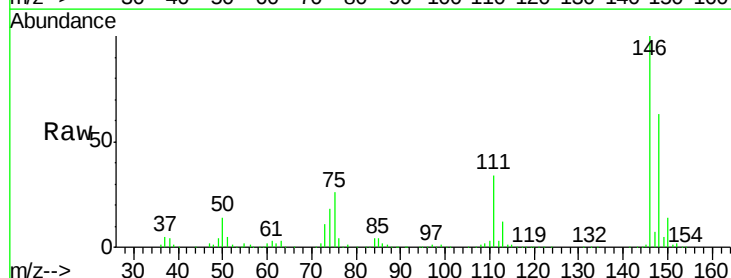
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

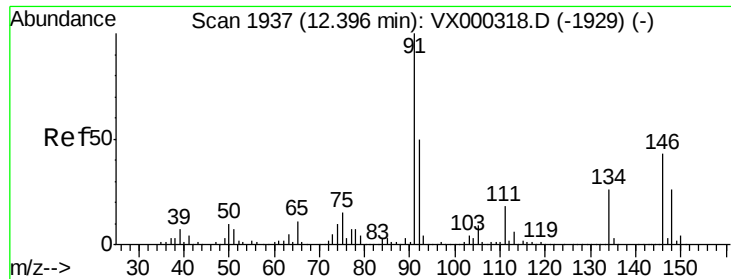
Tgt Ion:146 Resp: 187458
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.5 58.5
 148 64.7 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 44.19 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

Tgt Ion:146 Resp: 201639
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 62.0 31.0 93.0





#89

n-Butylbenzene

Concen: 46.32 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

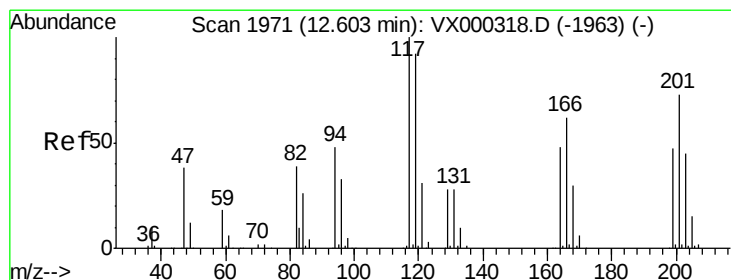
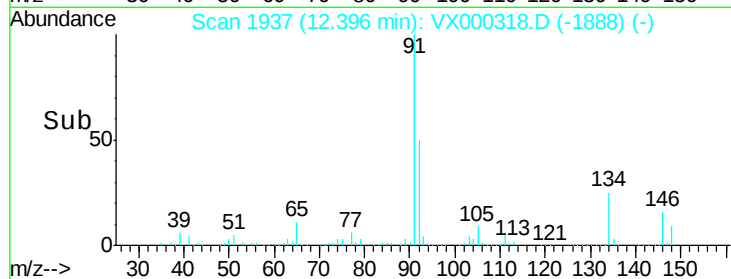
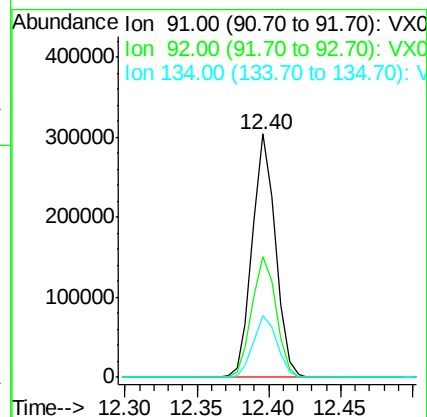
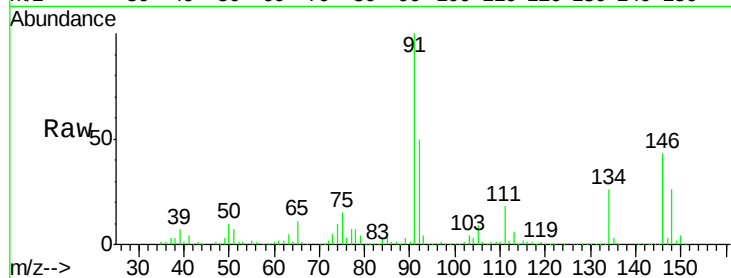
Tgt Ion: 91 Resp: 336311

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.8

134 26.2 13.1 39.3



#90

Hexachloroethane

Concen: 44.91 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000318.D

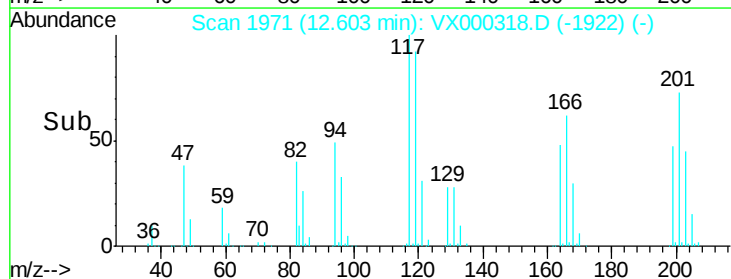
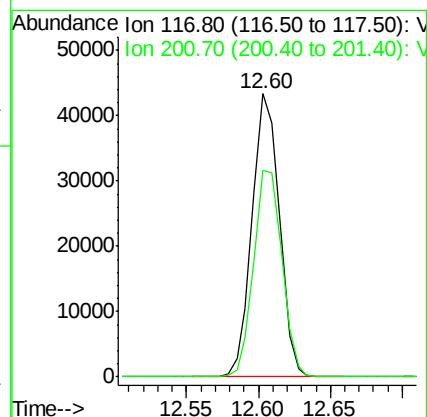
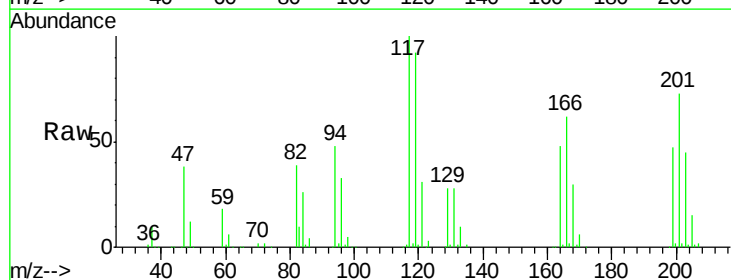
Acq: 14 Mar 2018 17:16

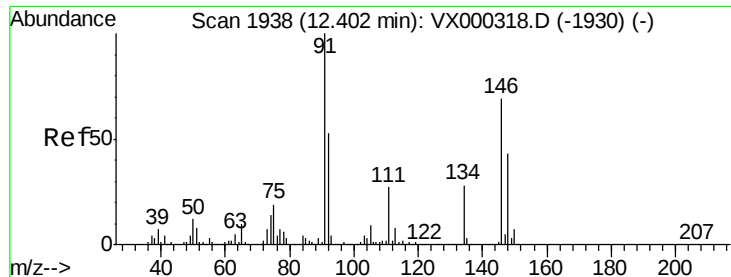
Tgt Ion: 117 Resp: 56622

Ion Ratio Lower Upper

117 100

201 75.7 37.9 113.6

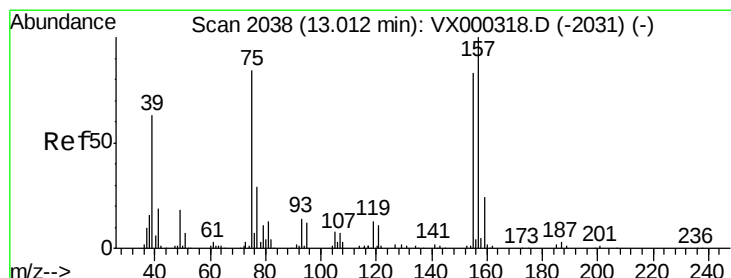
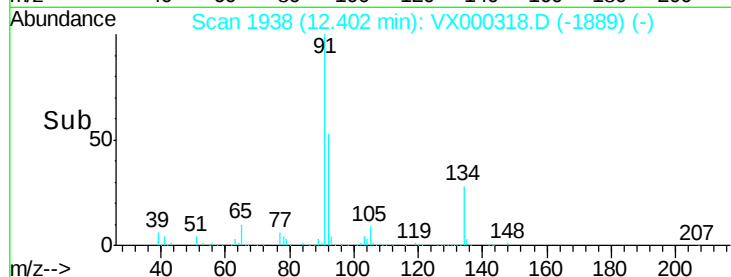
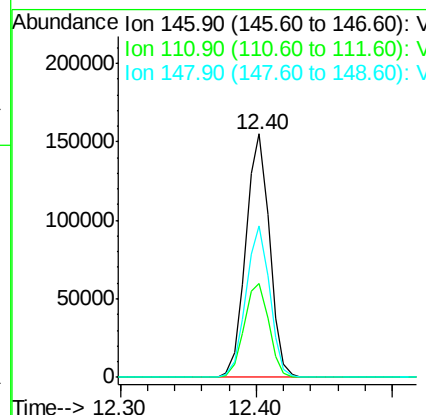
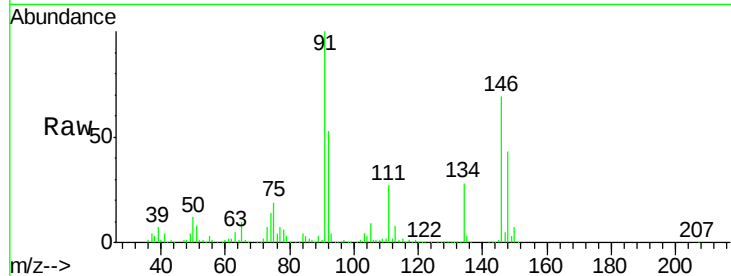




#91
 1,2-Dichlorobenzene
 Concen: 44.58 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

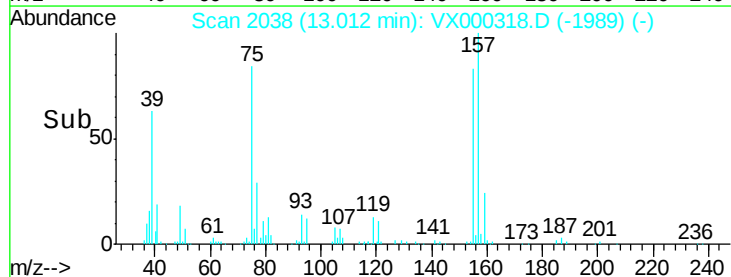
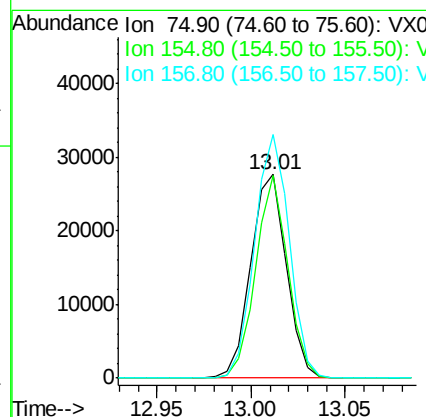
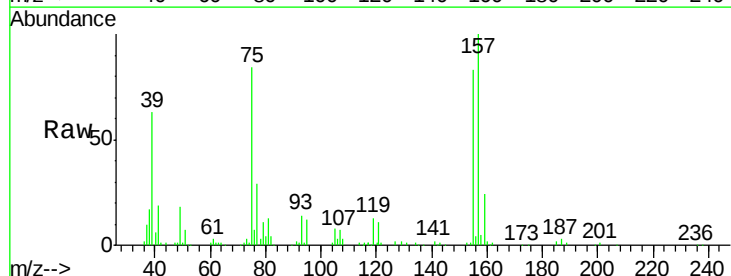
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

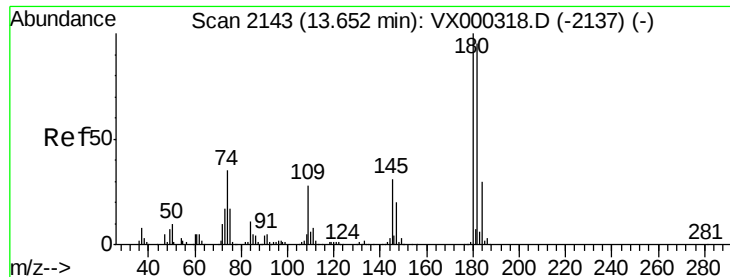
Tgt Ion: 146 Resp: 188881
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.1 60.2
 148 62.4 31.2 93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.70 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000318.D
 Acq: 14 Mar 2018 17:16

Tgt Ion: 75 Resp: 36146
 Ion Ratio Lower Upper
 75 100
 155 89.9 45.0 134.8
 157 116.1 58.1 174.2





#93

1,2,4-Trichlorobenzene

Concen: 35.74 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

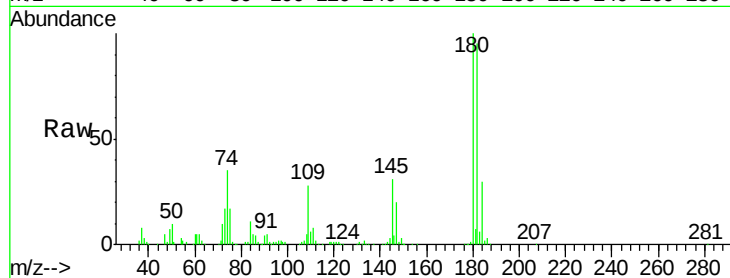
Tgt Ion:180 Resp: 130659

Ion Ratio Lower Upper

180 100

182 95.3 47.6 142.9

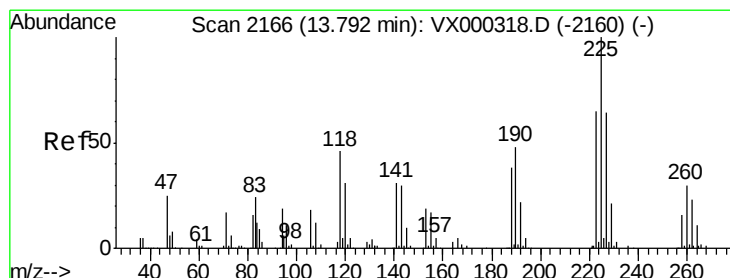
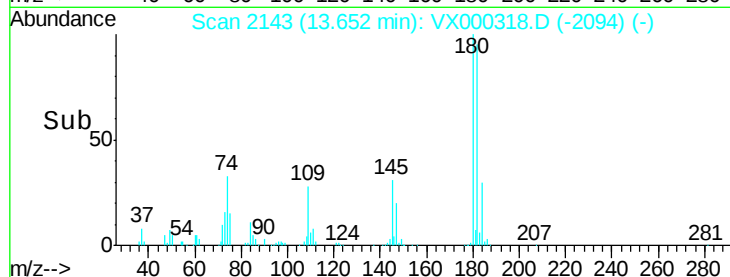
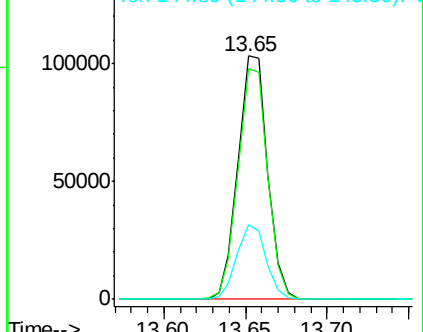
145 30.2 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 25.46 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

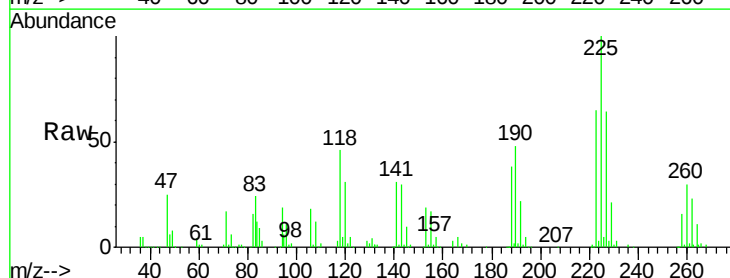
Tgt Ion:225 Resp: 49285

Ion Ratio Lower Upper

225 100

223 64.0 32.0 96.0

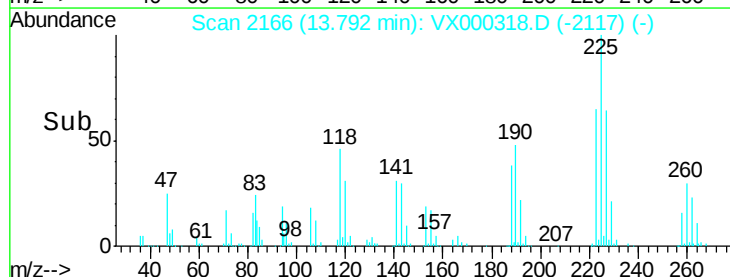
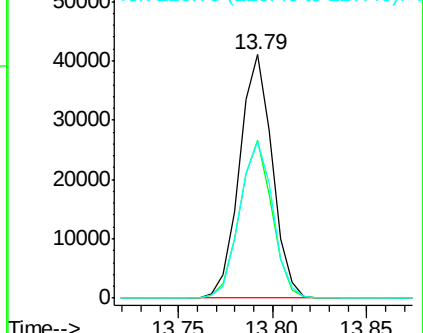
227 65.3 32.6 98.0

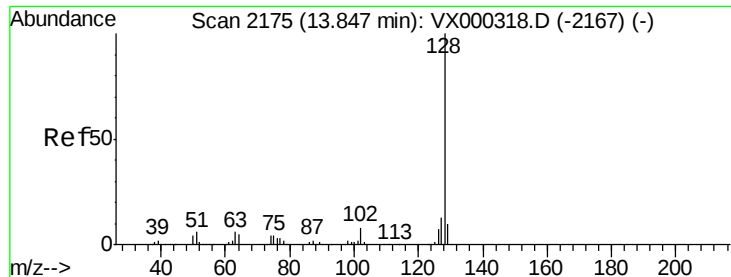


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 43.90 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

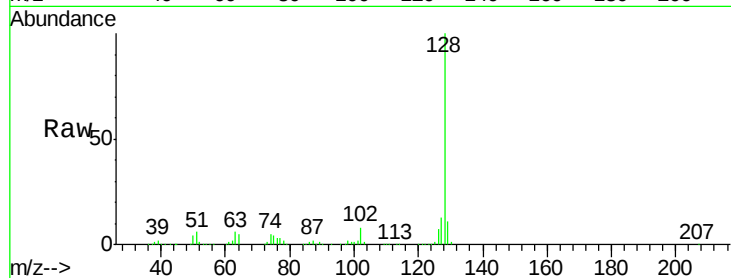
Tgt Ion:128 Resp: 471004

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

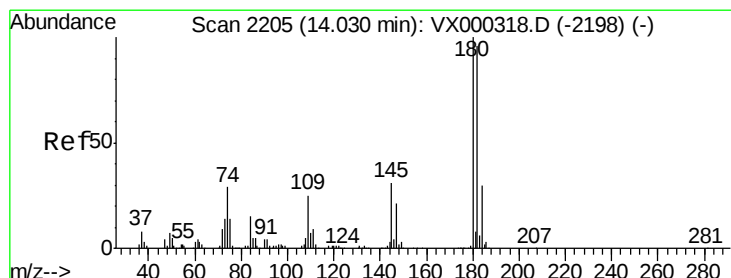
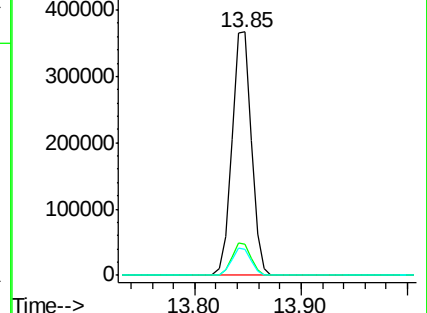
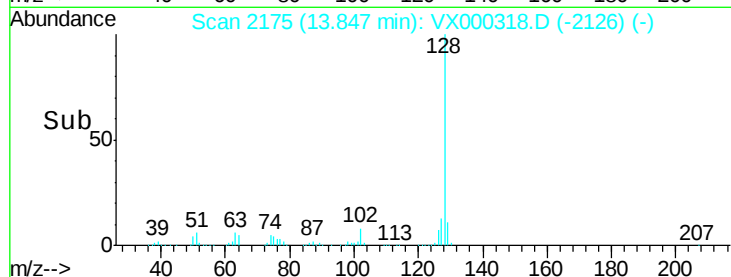
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 36.16 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000318.D

Acq: 14 Mar 2018 17:16

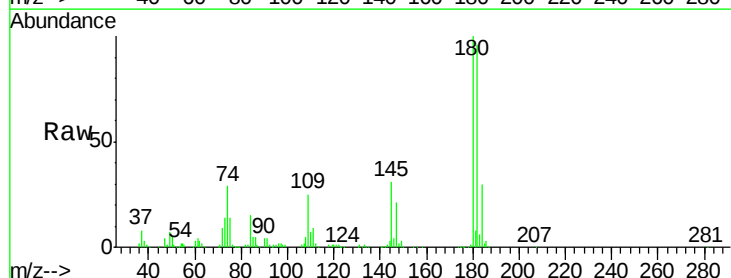
Tgt Ion:180 Resp: 128319

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 31.5 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

