

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031518\
 Data File : VX000340.D
 Acq On : 15 Mar 2018 20:09
 Operator : JC/MD
 Sample : VX0315WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

Quant Time: Mar 16 02:43:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	120288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	202883	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	197384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	108723	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	71939	43.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.46%	
35) Dibromofluoromethane	5.52	113	56206	43.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.82%	
50) Toluene-d8	8.73	98	220727	41.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.66%	
62) 4-Bromofluorobenzene	11.15	95	83058	38.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.58%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	20681	15.96	ug/l	97
3) Chloromethane	1.32	50	22330	16.91	ug/l	98
4) Vinyl Chloride	1.41	62	26720	18.06	ug/l	97
5) Bromomethane	1.64	94	28943	17.53	ug/l	98
6) Chloroethane	1.73	64	18369	17.47	ug/l	96
7) Trichlorofluoromethane	1.93	101	50410	19.62	ug/l	97
8) Diethyl Ether	2.20	74	17955	19.63	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	26840	19.40	ug/l	97
10) Methyl Iodide	2.52	142	15088	10.79	ug/l	97
11) Tert butyl alcohol	3.07	59	58830	109.26	ug/l	99
12) 1,1-Dichloroethene	2.38	96	24451	18.62	ug/l	96
13) Acrolein	2.30	56	26110	112.72	ug/l	95
14) Allyl chloride	2.73	41	46017	19.65	ug/l	99
15) Acrylonitrile	3.15	53	110124	106.08	ug/l	100
16) Acetone	2.45	43	114588	103.13	ug/l	99
17) Carbon Disulfide	2.57	76	60666	15.82	ug/l	96
18) Methyl Acetate	2.79	43	54349	21.86	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	94723	20.49	ug/l	99
20) Methylene Chloride	2.87	84	29834	20.74	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	26929	18.55	ug/l	97
22) Diisopropyl ether	3.88	45	67897	17.42	ug/l	# 98
23) Vinyl Acetate	3.84	43	322993	86.96	ug/l	99
24) 1,1-Dichloroethane	3.71	63	49001	19.99	ug/l	99
25) 2-Butanone	4.72	43	136655	102.90	ug/l	99
26) 2,2-Dichloropropane	4.60	77	32273	18.24	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	24986	18.84	ug/l	97
28) Bromochloromethane	5.03	49	21054	20.43	ug/l	99
29) Tetrahydrofuran	5.18	42	85302	99.80	ug/l	99
30) Chloroform	5.23	83	44753	19.34	ug/l	97
31) Cyclohexane	5.59	56	32657	17.36	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	39308	19.22	ug/l	98
36) 1,1-Dichloropropene	5.81	75	31613	17.15	ug/l	99
37) Ethyl Acetate	4.87	43	47469	19.38	ug/l	99
38) Carbon Tetrachloride	5.80	117	33254	17.89	ug/l	96

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

Quant Time: Mar 16 02:43:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	37747	17.56	ug/l	99
40) Benzene	6.15	78	94814	18.13	ug/l	98
41) Methacrylonitrile	5.08	41	23831	18.53	ug/l	98
42) 1,2-Dichloroethane	6.21	62	37455	18.07	ug/l	98
43) Isopropyl Acetate	6.48	43	68183	19.28	ug/l	100
44) Trichloroethene	7.23	130	25800	17.02	ug/l	96
45) 1,2-Dichloropropane	7.53	63	25278	19.60	ug/l	98
46) Dibromomethane	7.67	93	19153	18.48	ug/l	99
47) Bromodichloromethane	7.91	83	34665	18.85	ug/l	99
48) Methyl methacrylate	7.79	41	32836	18.37	ug/l	98
49) 1,4-Dioxane	7.77	88	15117	375.80	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	273542	99.61	ug/l	97
52) Toluene	8.79	92	63682	17.33	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	39122	18.43	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	36989	17.82	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	28264	19.17	ug/l	95
56) Ethyl methacrylate	9.19	69	40570	18.59	ug/l	94
57) 1,3-Dichloropropane	9.38	76	45024	18.85	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	103101	113.51	ug/l	98
59) 2-Hexanone	9.51	43	229074	99.01	ug/l	97
60) Dibromochloromethane	9.59	129	28391	18.21	ug/l	97
61) 1,2-Dibromoethane	9.68	107	29028	17.76	ug/l	98
64) Tetrachloroethene	9.34	164	26437	19.52	ug/l	96
65) Chlorobenzene	10.15	112	75774	18.85	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	26681	19.74	ug/l	98
67) Ethyl Benzene	10.26	91	129207	18.85	ug/l	99
68) m/p-Xylenes	10.37	106	98427	36.86	ug/l	99
69) o-Xylene	10.71	106	48893	18.85	ug/l	99
70) Styrene	10.72	104	78206	18.17	ug/l	100
71) Bromoform	10.87	173	21783	18.72	ug/l #	94
73) Isopropylbenzene	11.02	105	133435	20.38	ug/l	99
74) N-amyl acetate	6.48	43	68183	21.75	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	49359	21.17	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	55472	27.30	ug/l	85
77) Bromobenzene	11.26	156	33837	19.69	ug/l	99
78) n-propylbenzene	11.37	91	155317	19.67	ug/l	98
79) 2-Chlorotoluene	11.43	91	88027	19.65	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	111854	20.05	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	11983	18.27	ug/l	90
82) 4-Chlorotoluene	11.52	91	106748	19.38	ug/l	98
83) tert-Butylbenzene	11.78	119	109650	20.15	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	116842	20.37	ug/l	100
85) sec-Butylbenzene	11.96	105	136858	20.09	ug/l	99
86) p-Isopropyltoluene	12.07	119	118923	19.61	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	63728	18.89	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	65083	18.57	ug/l	98
89) n-Butylbenzene	12.40	91	110059	18.67	ug/l	98
90) Hexachloroethane	12.60	117	18957	19.49	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	63424	19.41	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13372	21.19	ug/l	92

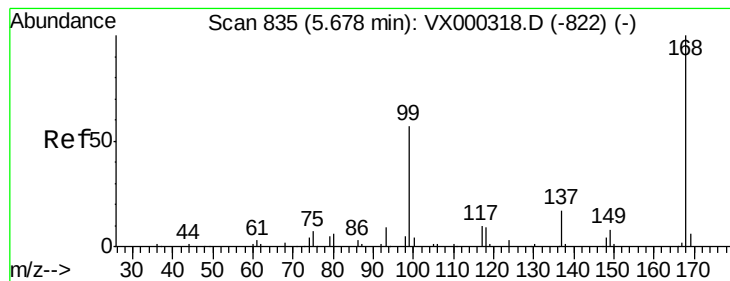
Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX031518\
Data File : VX000340.D
Acq On : 15 Mar 2018 20:09
Operator : JC/MD
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Instrument :
MSVOA_X
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Quant Time: Mar 16 02:43:00 2018
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Quant Title : SW846 8260
QLast Update : Thu Mar 15 03:39:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	45165	19.19	ug/l	97
94) Hexachlorobutadiene	13.79	225	17989	19.38	ug/l	99
95) Naphthalene	13.84	128	164567	20.15	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	45611	19.19	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

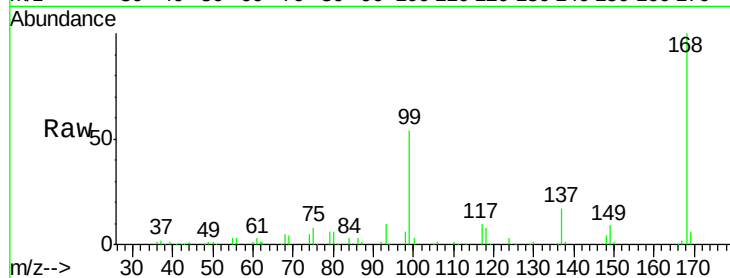
VX0315WBSD01

Tgt Ion:168 Resp: 120288

Ion Ratio Lower Upper

168 100

99 53.9 45.8 68.6

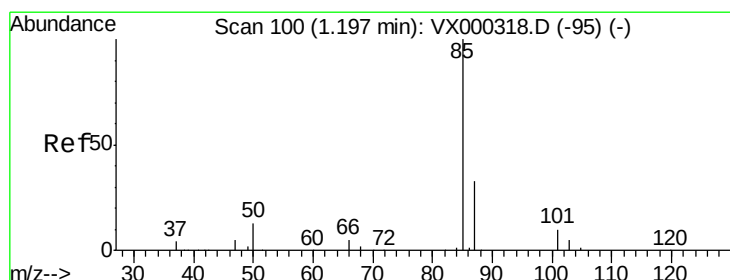
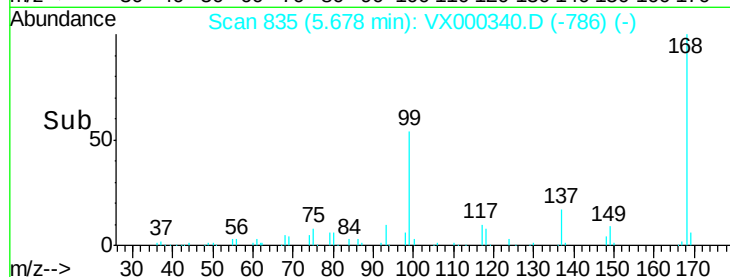


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

Time-->



#2

Dichlorodifluoromethane

Concen: 15.96 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000340.D

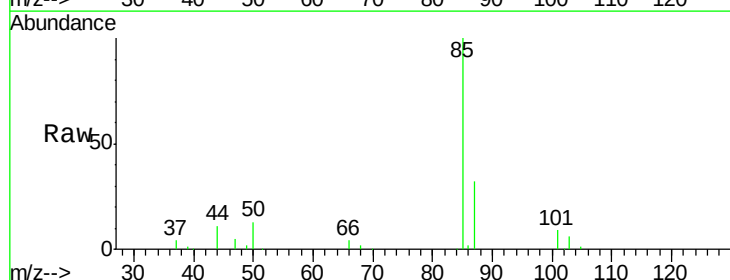
Acq: 15 Mar 2018 20:09

Tgt Ion: 85 Resp: 20681

Ion Ratio Lower Upper

85 100

87 31.8 16.8 50.3

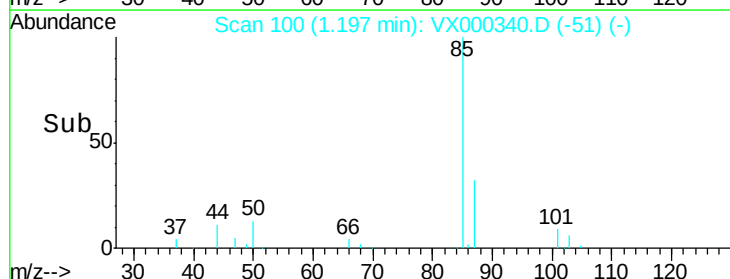


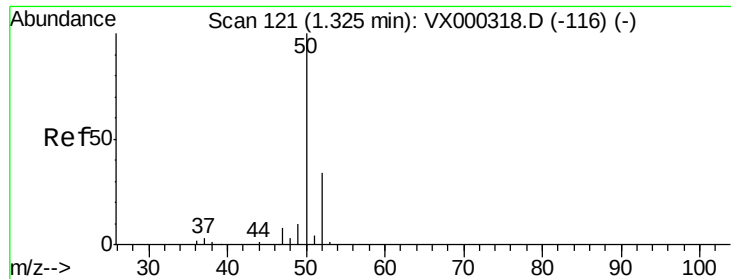
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 16.91 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampled :

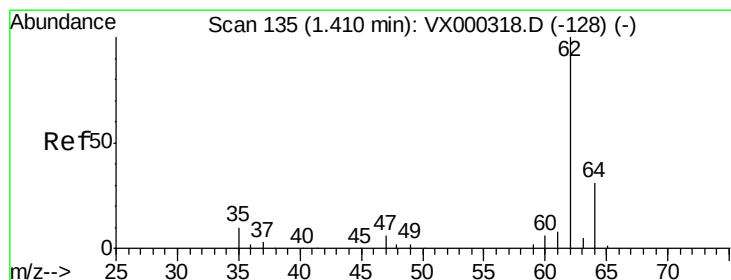
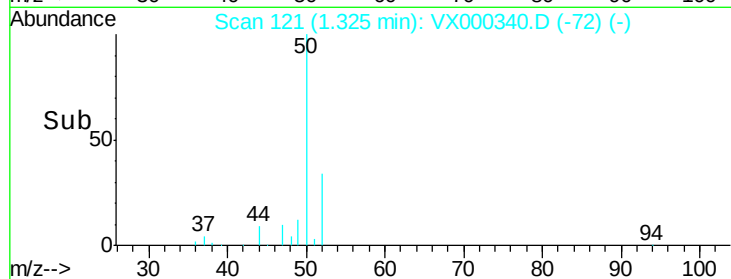
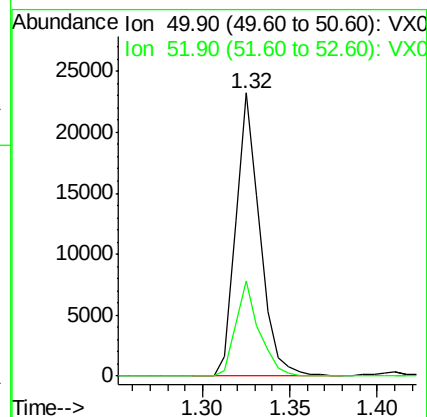
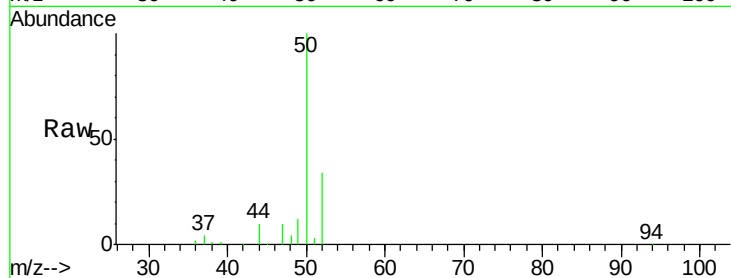
VX0315WBSD01

Tgt Ion: 50 Resp: 22330

Ion Ratio Lower Upper

50 100

52 33.5 27.5 41.3



#4

Vinyl Chloride

Concen: 18.06 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000340.D

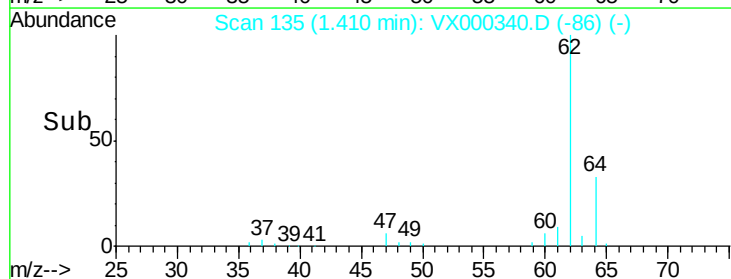
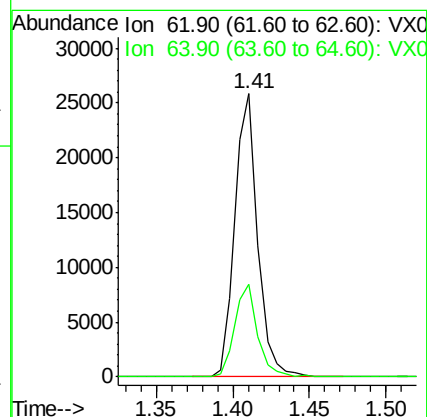
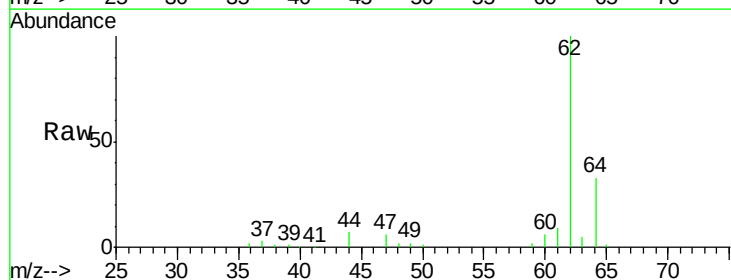
Acq: 15 Mar 2018 20:09

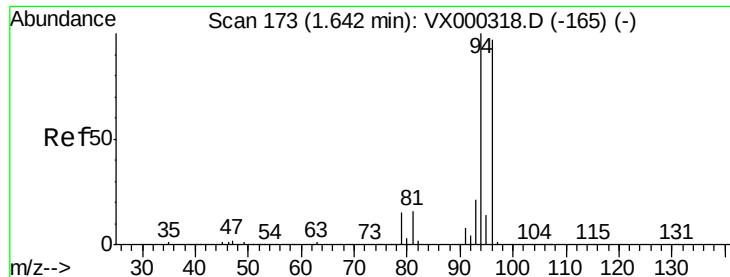
Tgt Ion: 62 Resp: 26720

Ion Ratio Lower Upper

62 100

64 32.6 24.8 37.2





#5

Bromomethane

Concen: 17.53 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

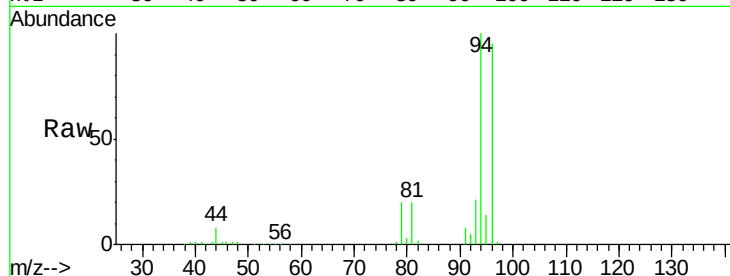
VX0315WBSD01

Tgt Ion: 94 Resp: 28943

Ion Ratio Lower Upper

94 100

96 95.3 77.7 116.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

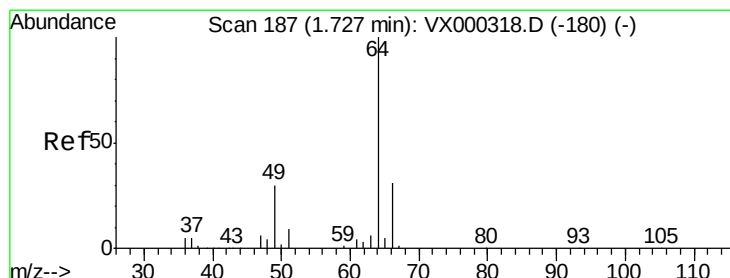
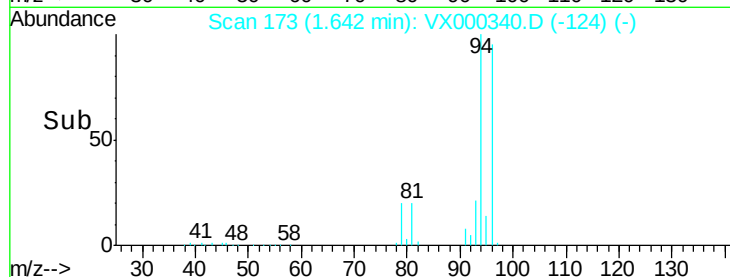
10000

5000

0

Time-->

1.60 1.70



#6

Chloroethane

Concen: 17.47 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX000340.D

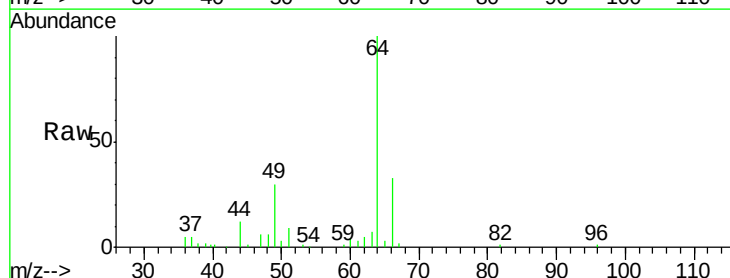
Acq: 15 Mar 2018 20:09

Tgt Ion: 64 Resp: 18369

Ion Ratio Lower Upper

64 100

66 33.0 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

15000

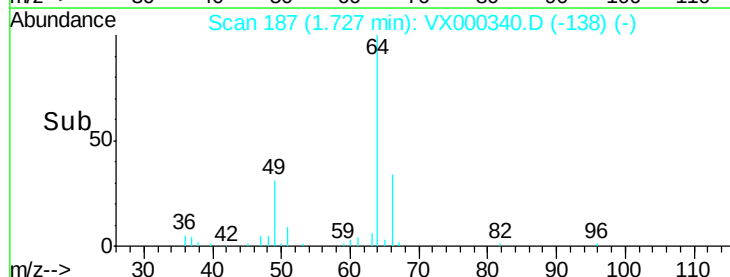
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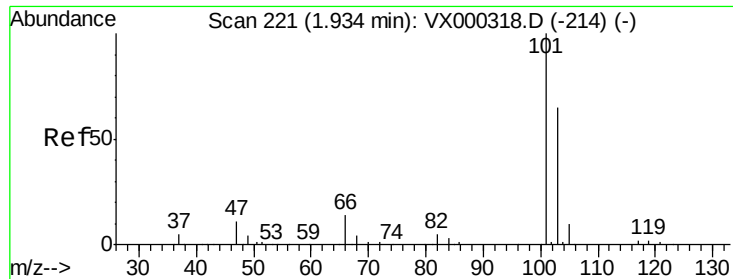
5000

0

Time-->

1.60 1.70 1.80





#7

Trichlorofluoromethane

Concen: 19.62 ug/l

RT: 1.93 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

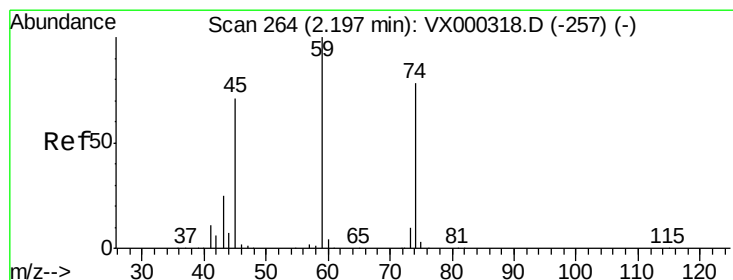
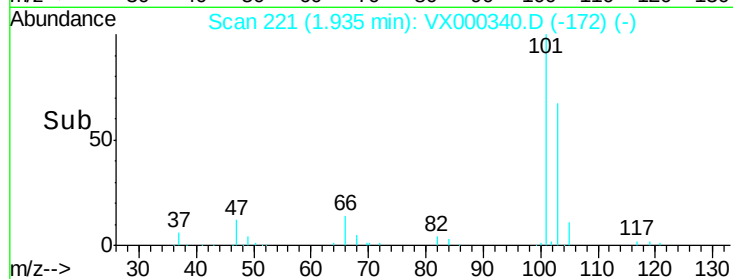
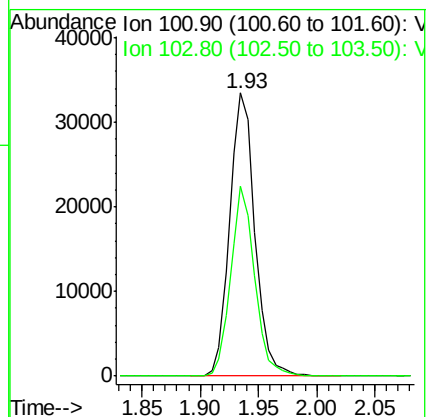
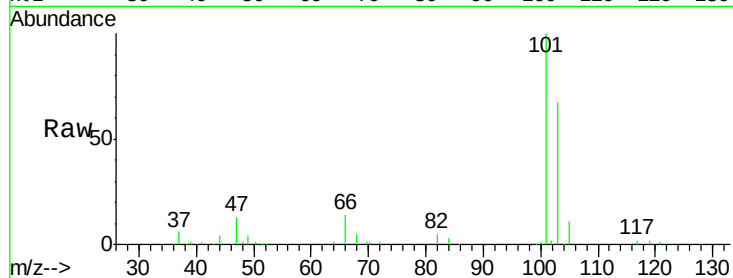
VX0315WBSD01

Tgt Ion:101 Resp: 50410

Ion Ratio Lower Upper

101 100

103 67.0 51.6 77.4



#8

Diethyl Ether

Concen: 19.63 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX000340.D

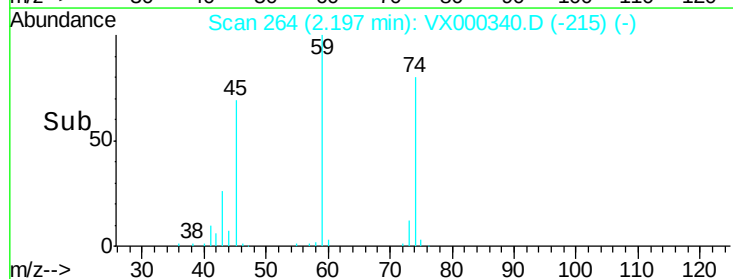
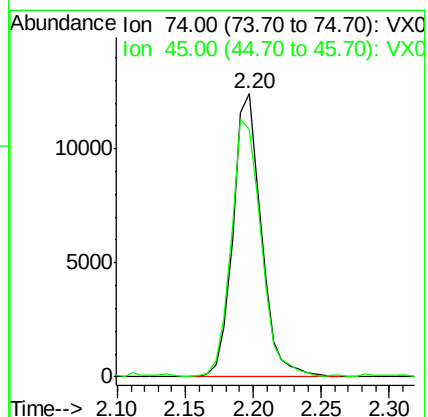
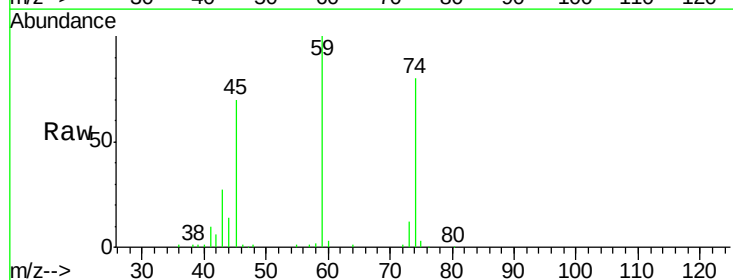
Acq: 15 Mar 2018 20:09

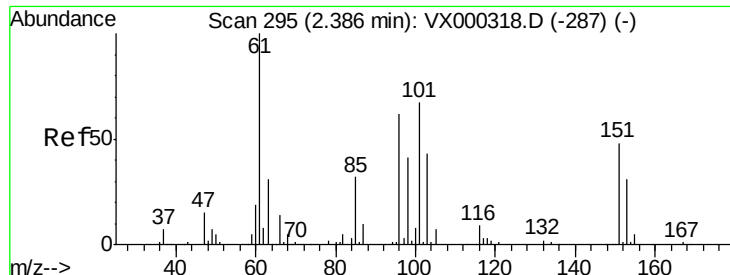
Tgt Ion: 74 Resp: 17955

Ion Ratio Lower Upper

74 100

45 96.6 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.40 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

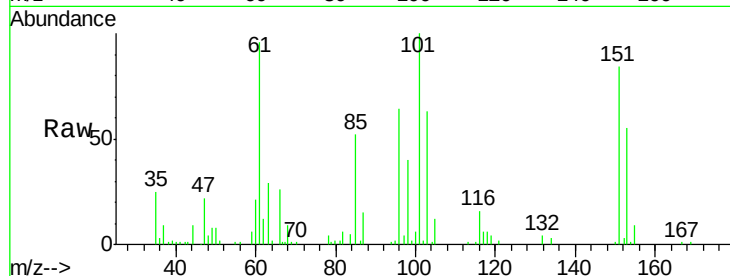
Tgt Ion:101 Resp: 26840

Ion Ratio Lower Upper

101 100

85 50.5 37.6 56.4

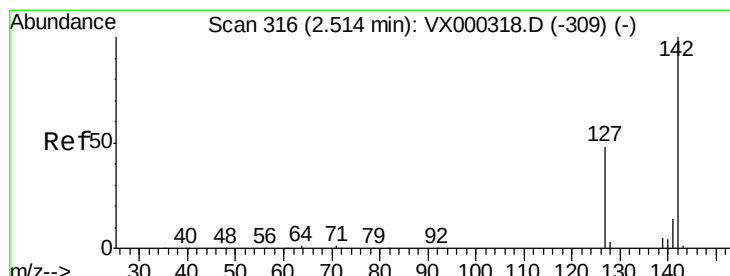
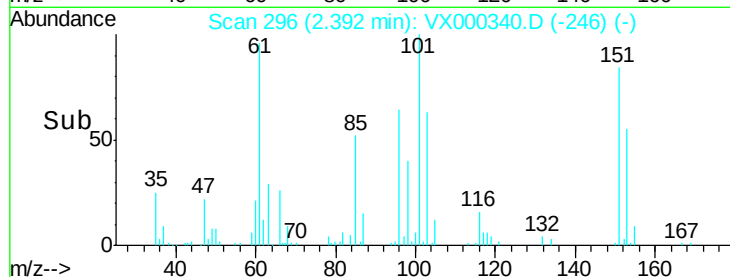
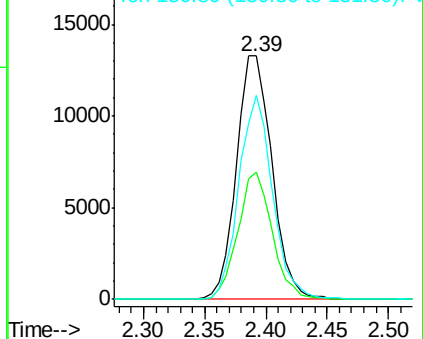
151 79.4 62.6 93.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 10.79 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

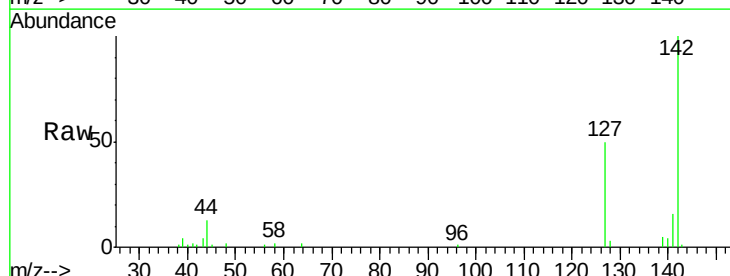
Tgt Ion:142 Resp: 15088

Ion Ratio Lower Upper

142 100

127 47.2 39.2 58.8

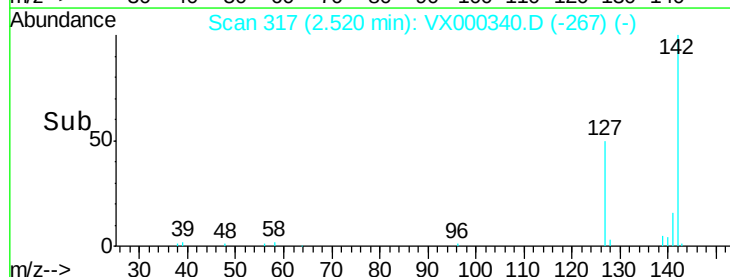
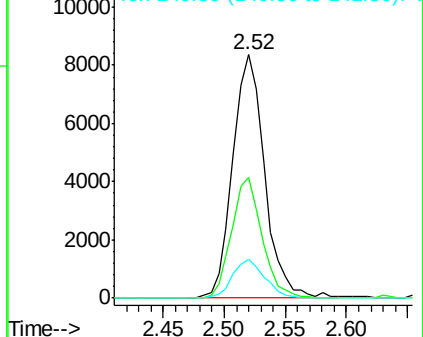
141 15.9 11.7 17.5

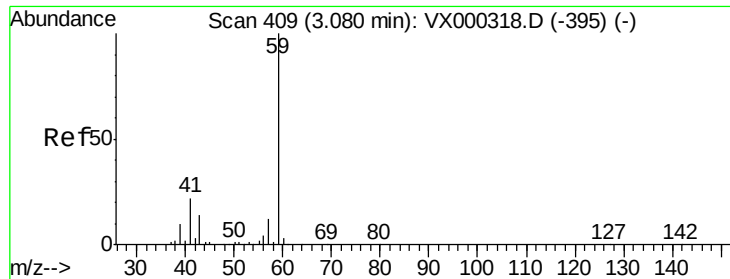


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

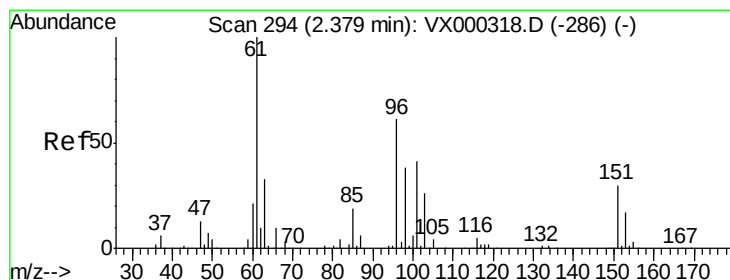
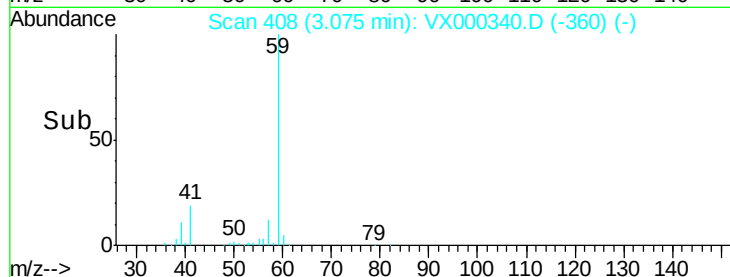
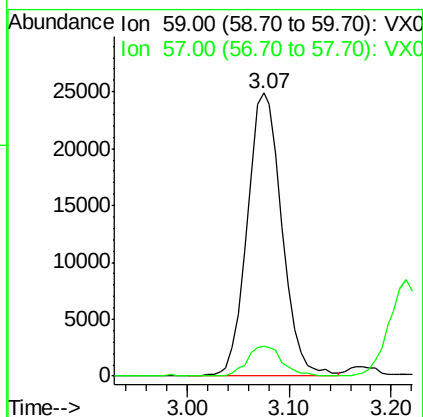
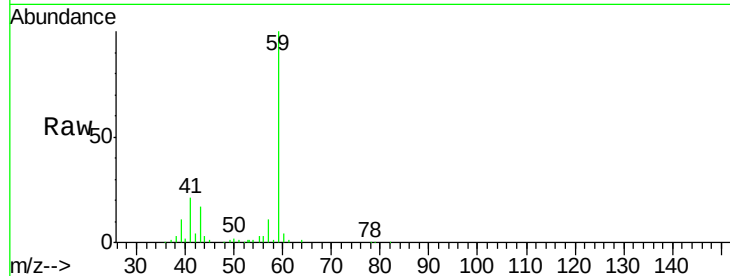




#11
Tert butyl alcohol
Concen: 109.26 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

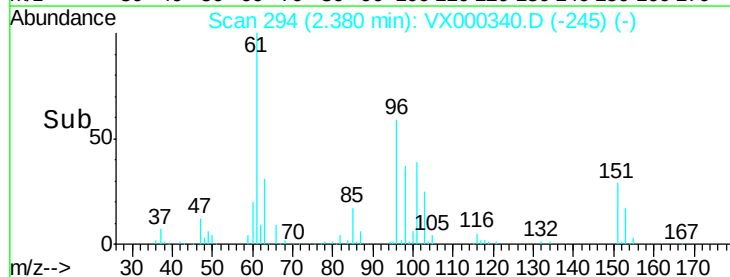
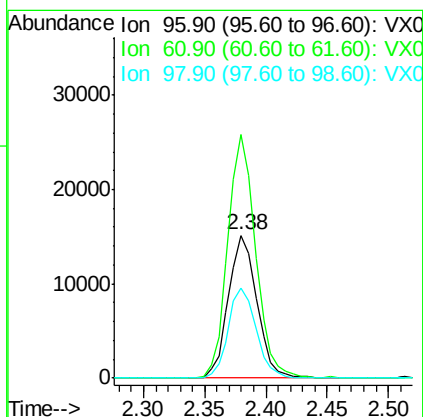
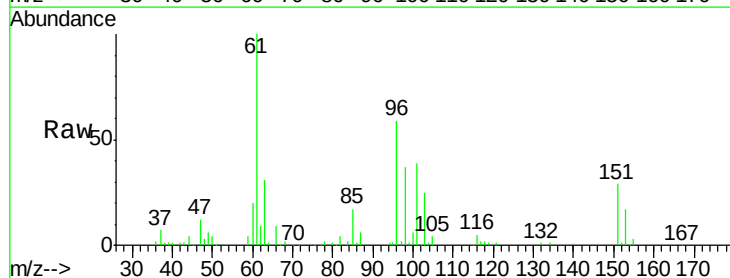
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

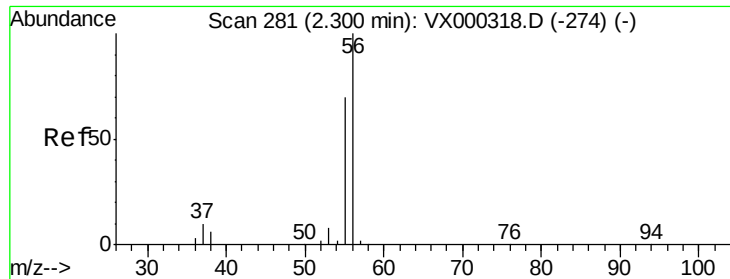
Tgt Ion: 59 Resp: 58830
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6



#12
1,1-Dichloroethene
Concen: 18.62 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion: 96 Resp: 24451
Ion Ratio Lower Upper
96 100
61 170.7 131.2 196.8
98 62.7 49.8 74.8





#13

Acrolein

Concen: 112.72 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

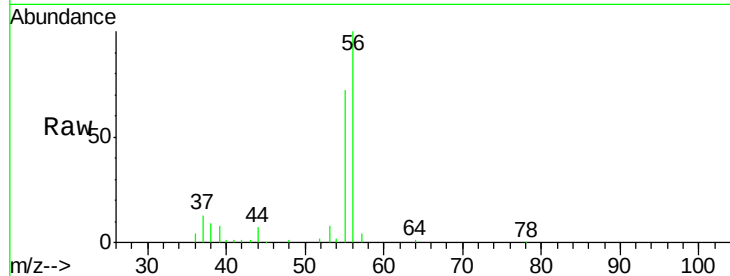
VX0315WBSD01

Tgt Ion: 56 Resp: 26110

Ion Ratio Lower Upper

56 100

55 69.5 58.8 88.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

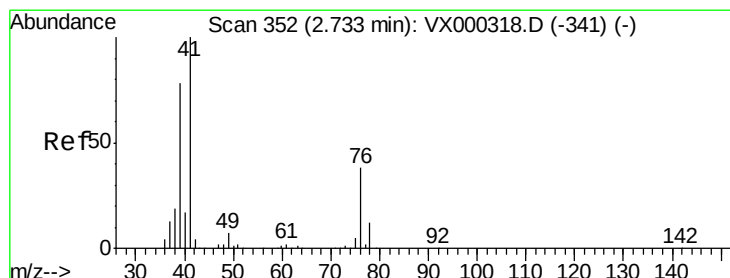
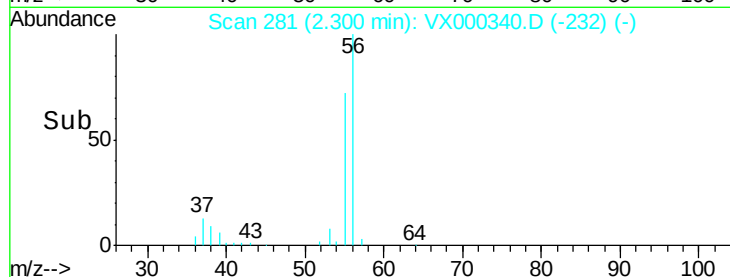
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 19.65 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

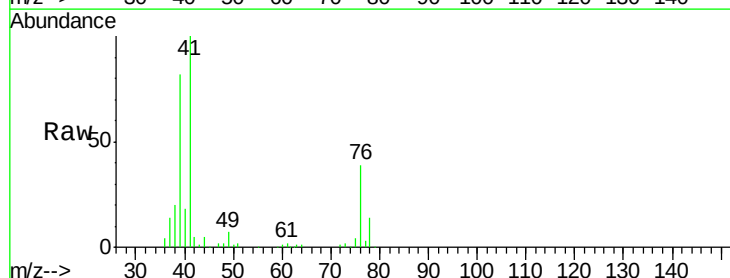
Tgt Ion: 41 Resp: 46017

Ion Ratio Lower Upper

41 100

39 71.1 57.6 86.4

76 32.8 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

50000

40000

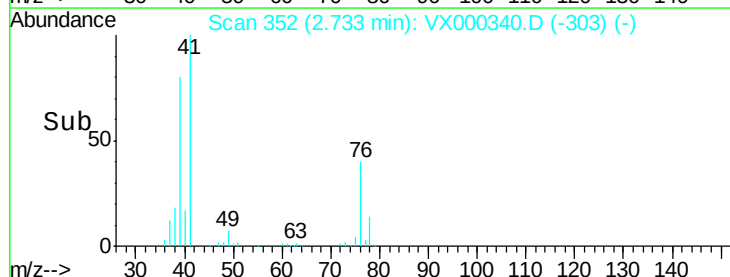
30000

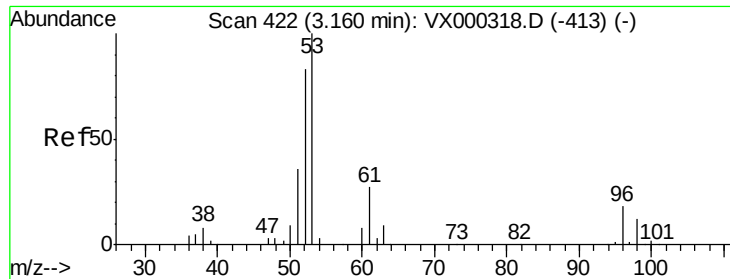
20000

10000

0

Time--> 2.60 2.70 2.80 2.90





#15

Acrylonitrile

Concen: 106.08 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

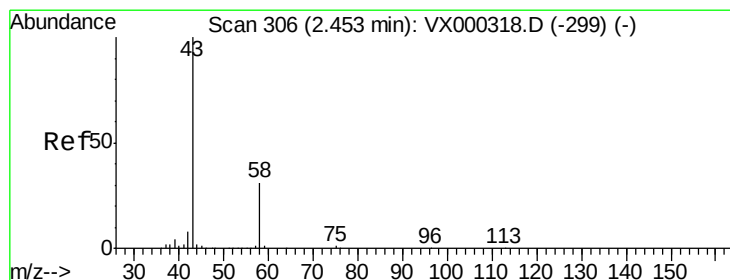
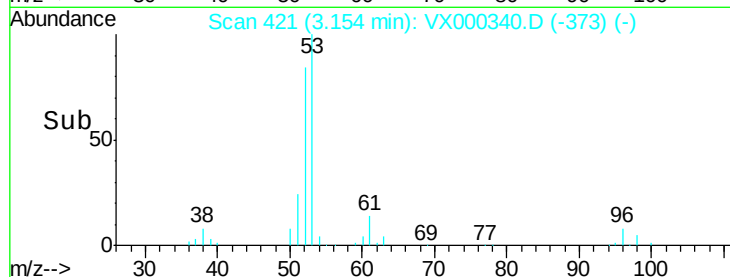
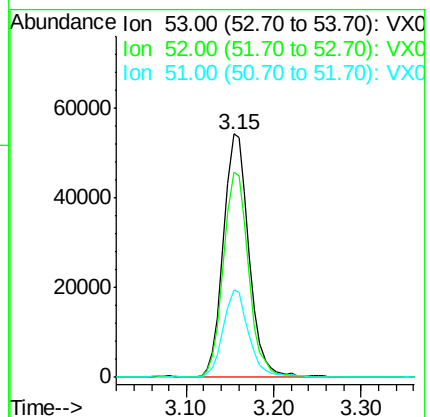
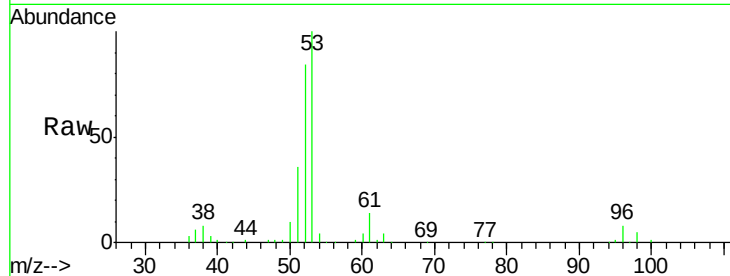
Tgt Ion: 53 Resp: 110124

Ion Ratio Lower Upper

53 100

52 83.8 66.6 99.8

51 36.5 29.3 43.9



#16

Acetone

Concen: 103.13 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000340.D

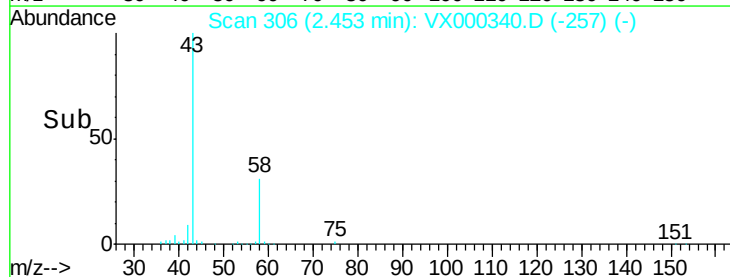
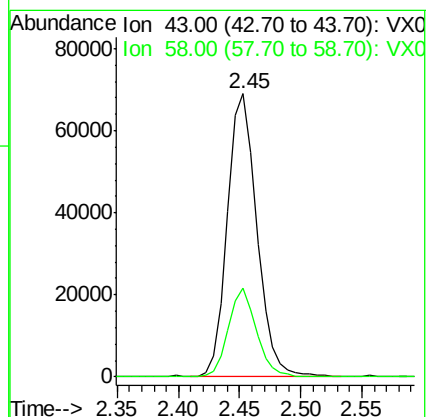
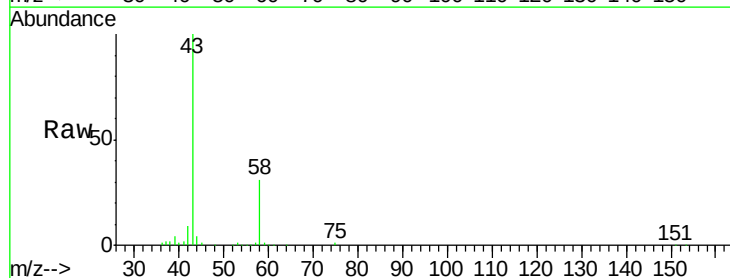
Acq: 15 Mar 2018 20:09

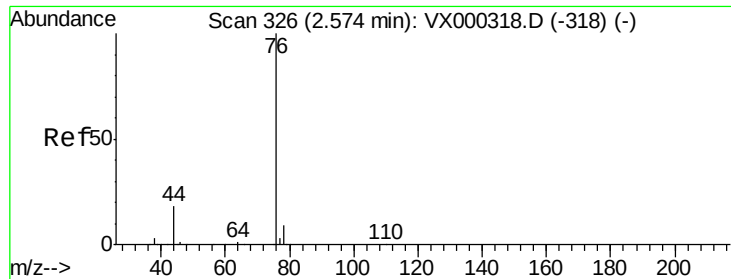
Tgt Ion: 43 Resp: 114588

Ion Ratio Lower Upper

43 100

58 31.3 24.7 37.1





#17

Carbon Disulfide

Concen: 15.82 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

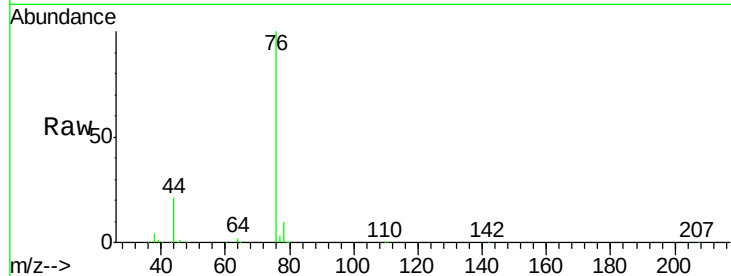
VX0315WBSD01

Tgt Ion: 76 Resp: 60666

Ion Ratio Lower Upper

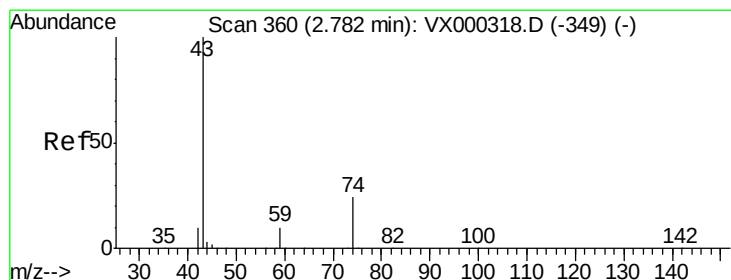
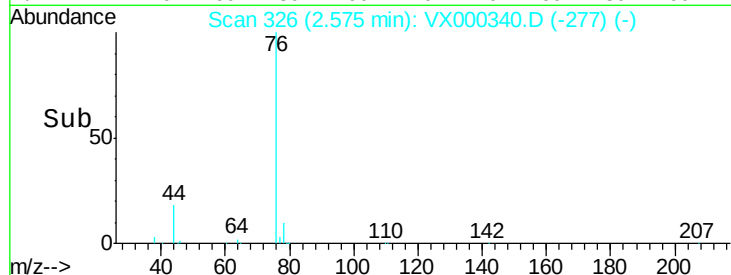
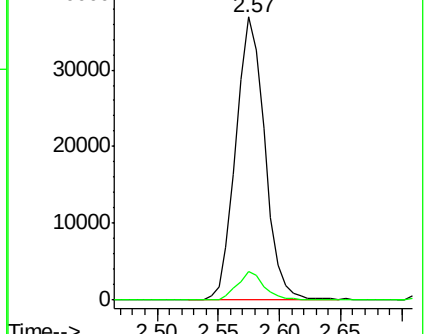
76 100

78 10.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.86 ug/l

RT: 2.79 min Scan# 361

Delta R.T. 0.01 min

Lab File: VX000340.D

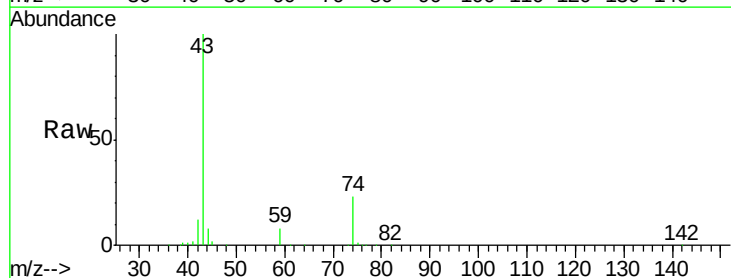
Acq: 15 Mar 2018 20:09

Tgt Ion: 43 Resp: 54349

Ion Ratio Lower Upper

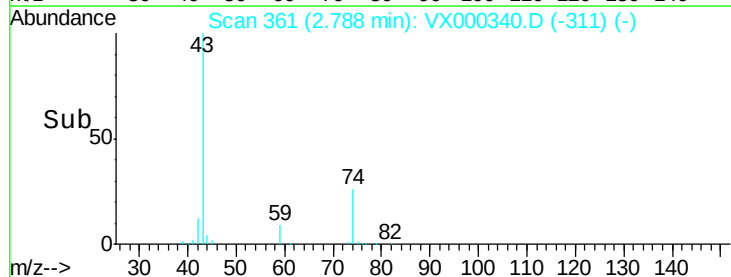
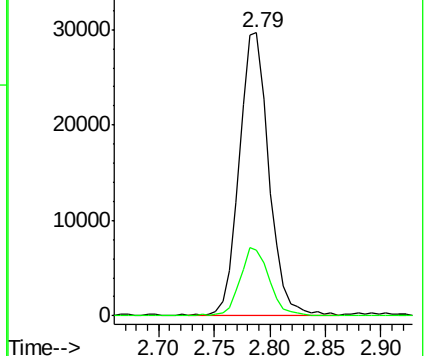
43 100

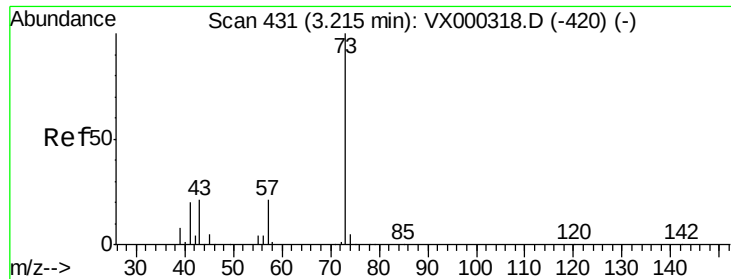
74 23.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 20.49 ug/l

RT: 3.21 min Scan# 431

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

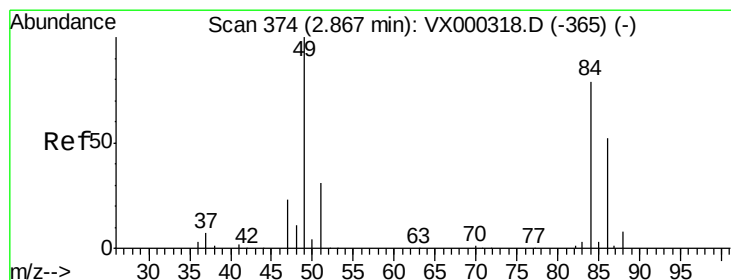
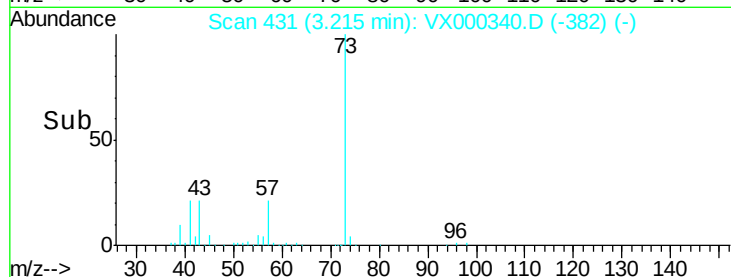
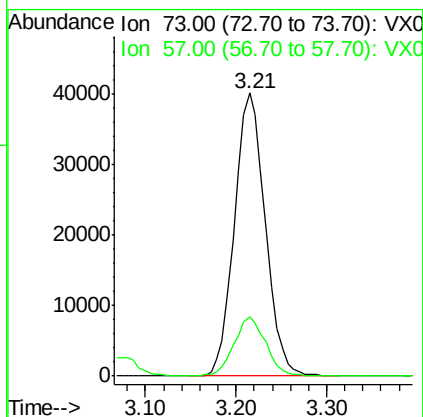
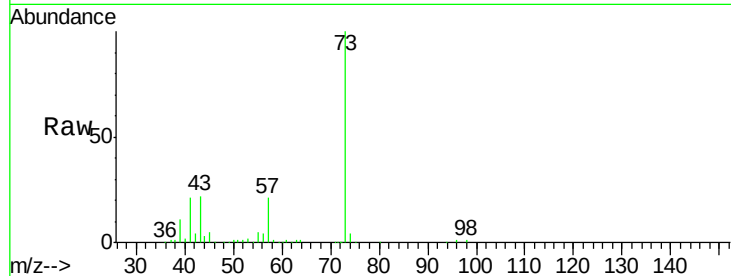
VX0315WBSD01

Tgt Ion: 73 Resp: 94723

Ion Ratio Lower Upper

73 100

57 21.2 17.2 25.8



#20

Methylene Chloride

Concen: 20.74 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Tgt Ion: 84 Resp: 29834

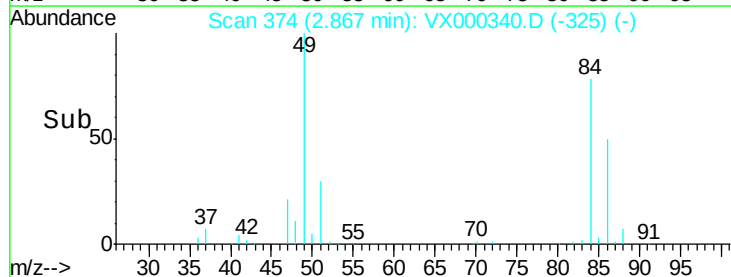
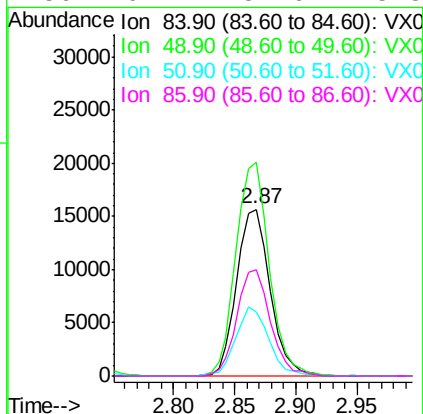
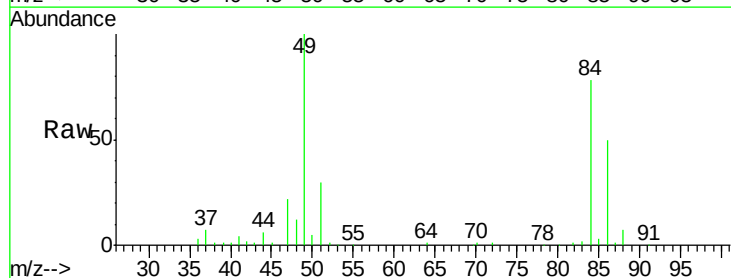
Ion Ratio Lower Upper

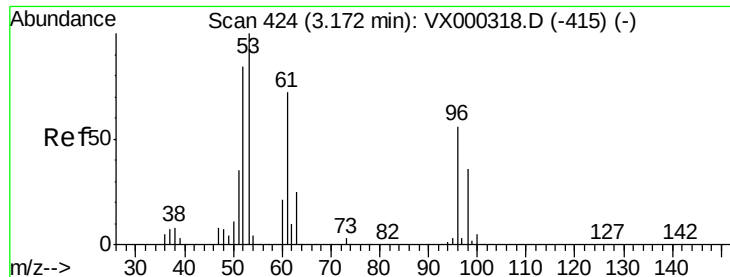
84 100

49 128.2 100.6 151.0

51 38.2 31.6 47.4

86 64.1 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 18.55 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

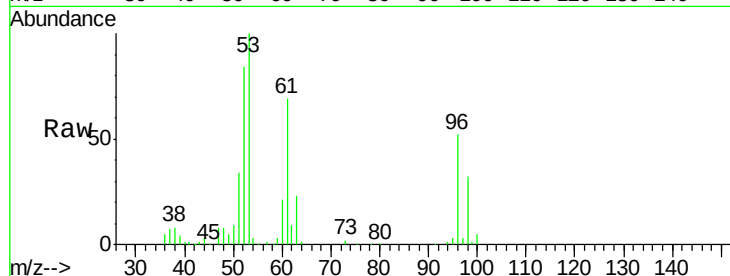
Tgt Ion: 96 Resp: 26929

Ion Ratio Lower Upper

96 100

61 131.9 104.0 156.0

98 61.2 52.1 78.1

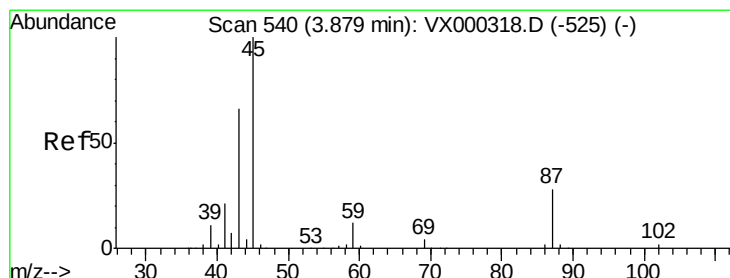
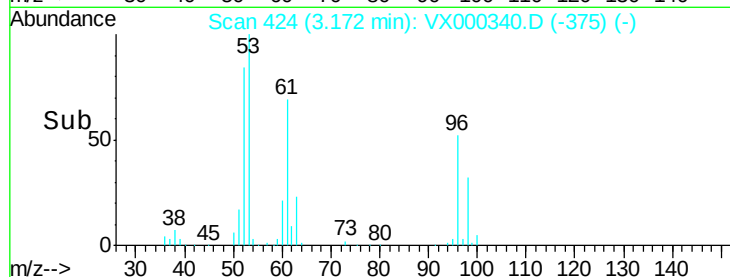
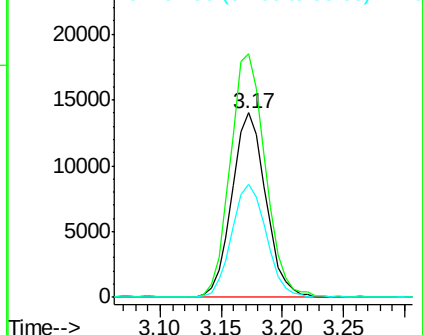


Abundance

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: 17.42 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Tgt Ion: 45 Resp: 67897

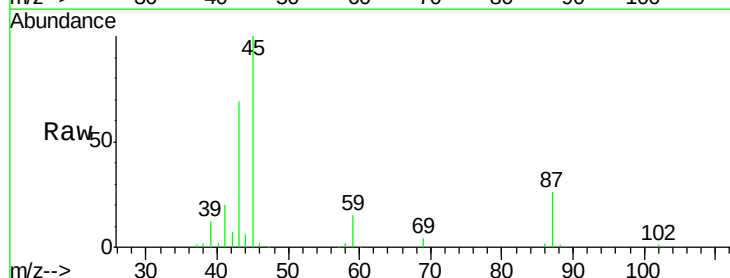
Ion Ratio Lower Upper

45 100

43 67.5 53.9 80.9

87 26.1 22.6 34.0

59 14.7 9.5 14.3#



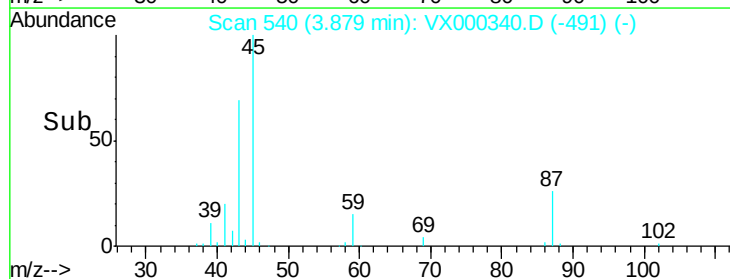
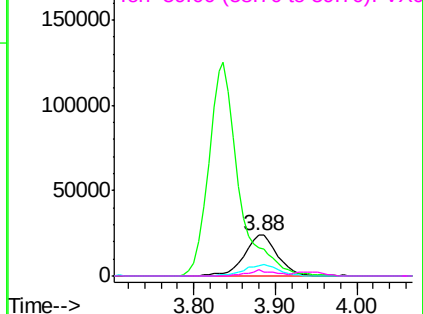
Abundance

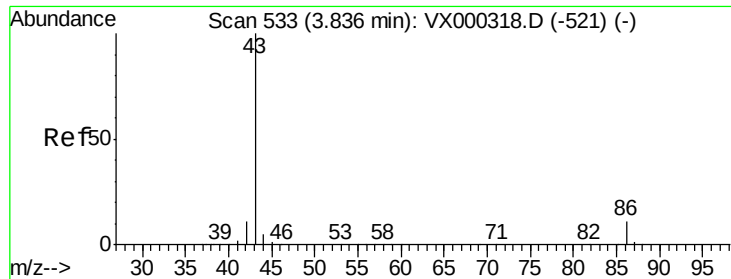
Ion 45.00 (44.70 to 45.70): VX0

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

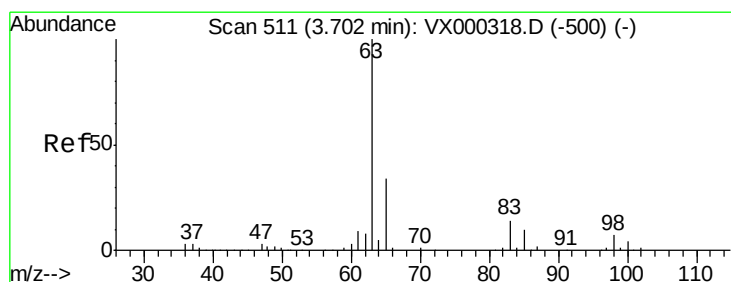
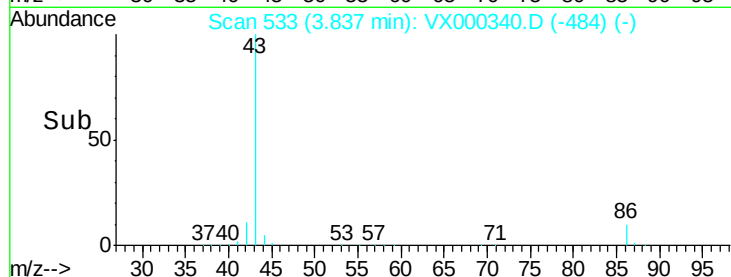
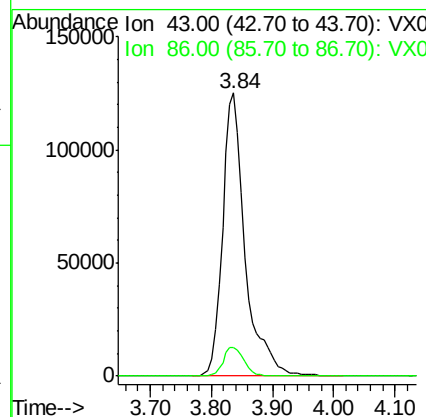
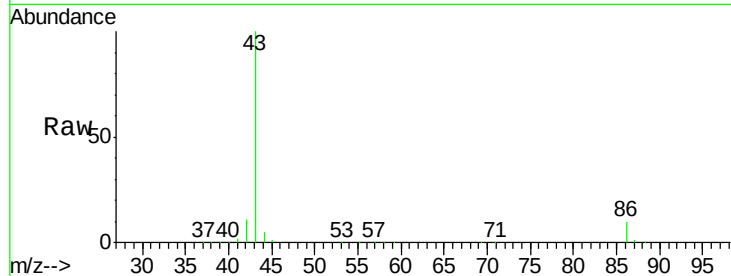




#23
 Vinyl Acetate
 Concen: 86.96 ug/l
 RT: 3.84 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

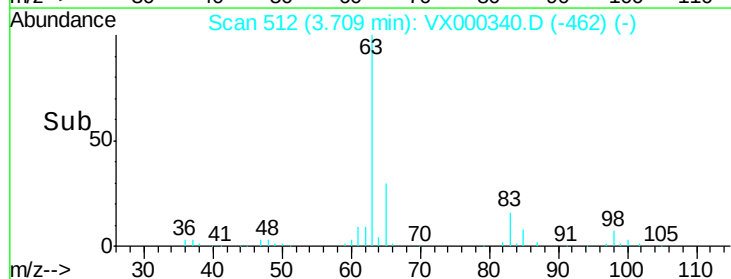
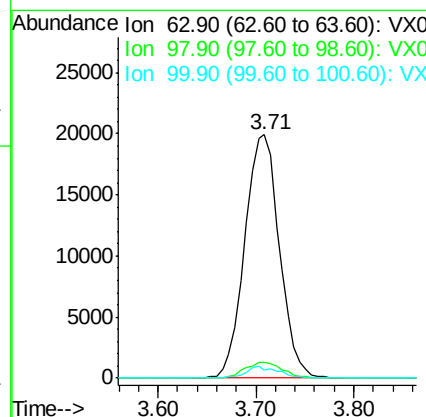
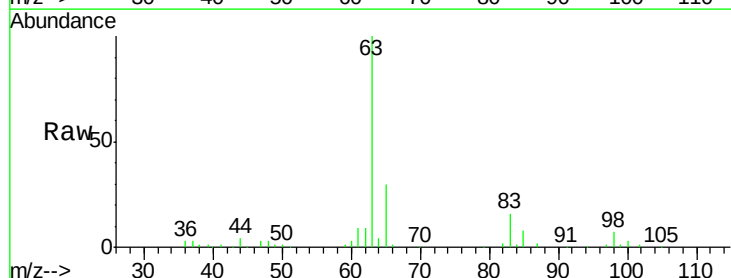
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

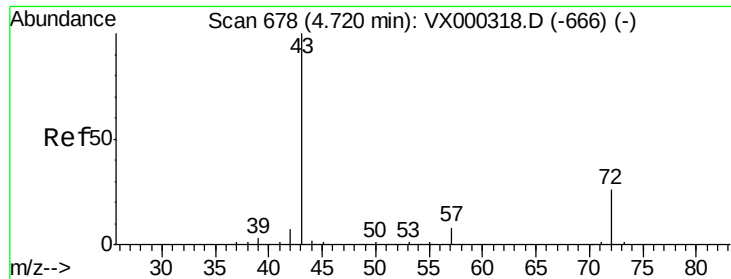
Tgt Ion: 43 Resp: 322993
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 19.99 ug/l
 RT: 3.71 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Tgt Ion: 63 Resp: 49001
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 3.4 2.0 5.8





#25

2-Butanone

Concen: 102.90 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

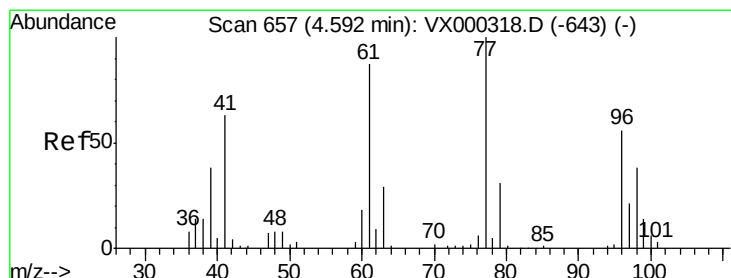
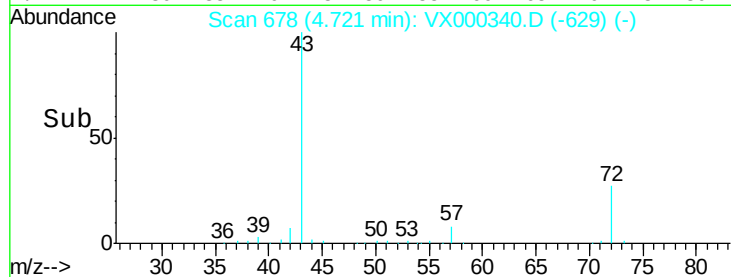
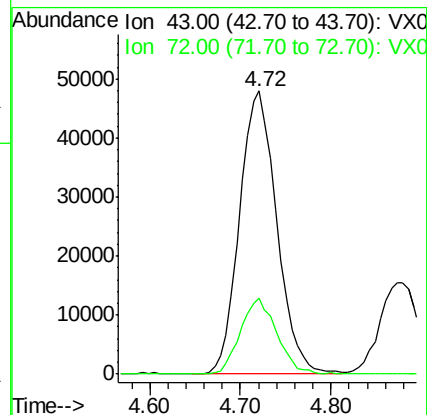
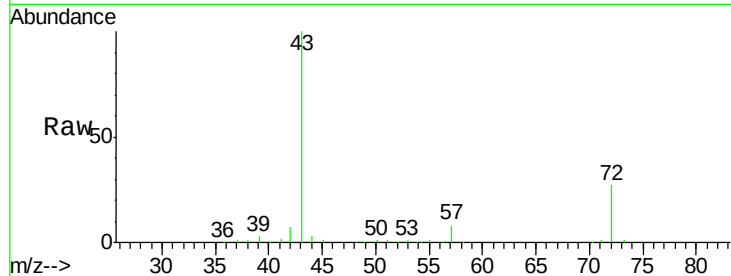
VX0315WBSD01

Tgt Ion: 43 Resp: 136655

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 18.24 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000340.D

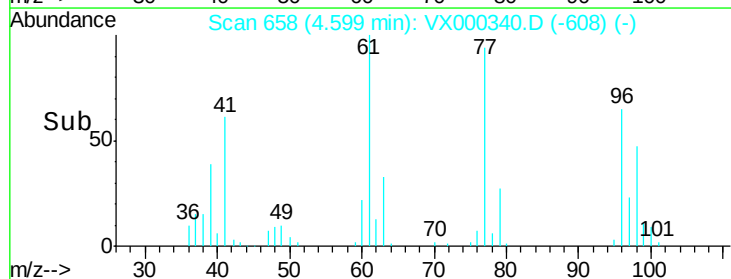
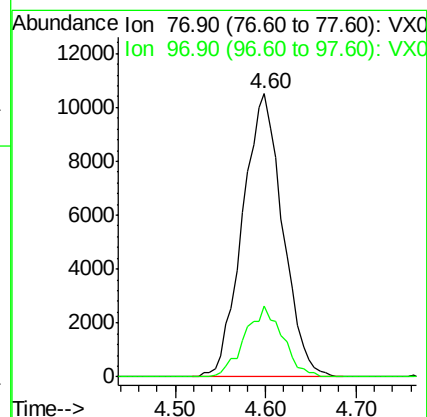
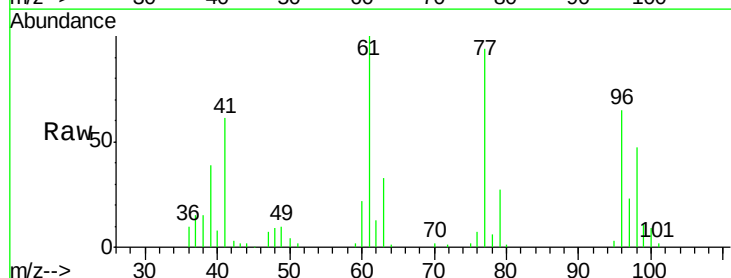
Acq: 15 Mar 2018 20:09

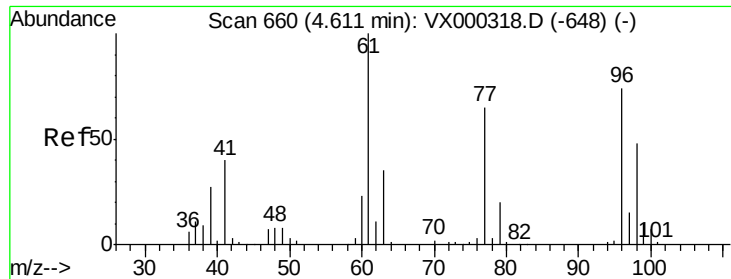
Tgt Ion: 77 Resp: 32273

Ion Ratio Lower Upper

77 100

97 23.5 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 18.84 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

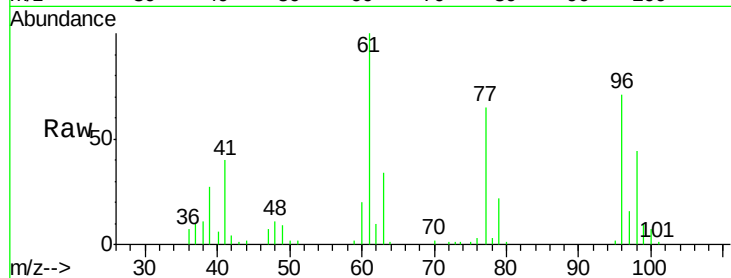
Tgt Ion: 96 Resp: 24986

Ion Ratio Lower Upper

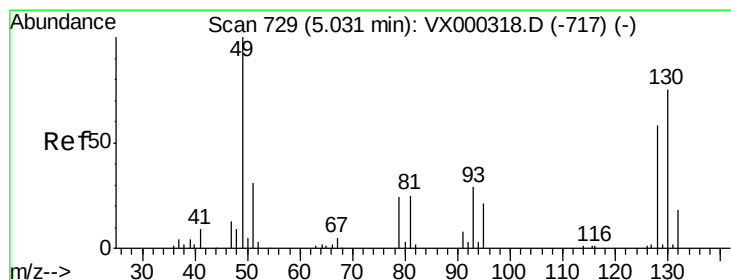
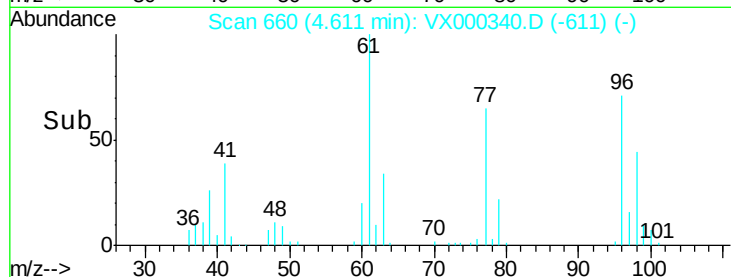
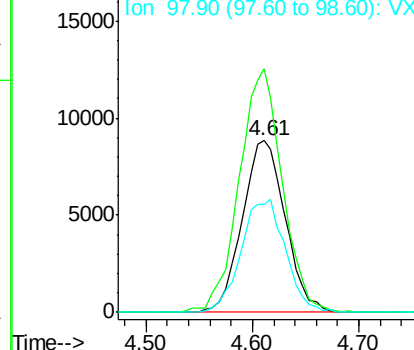
96 100

61 142.3 0.0 291.6

98 67.4 0.0 132.0



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



#28

Bromochloromethane

Concen: 20.43 ug/l

RT: 5.03 min Scan# 729

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

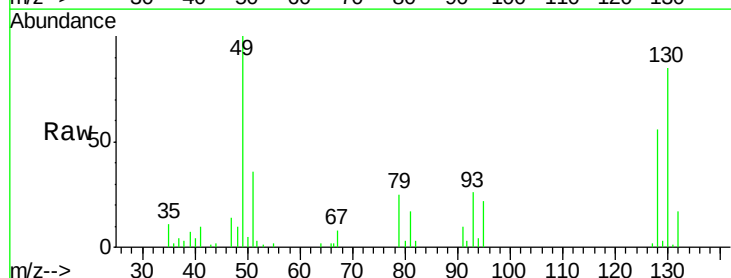
Tgt Ion: 49 Resp: 21054

Ion Ratio Lower Upper

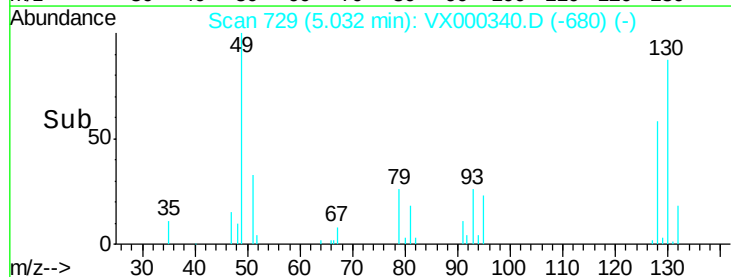
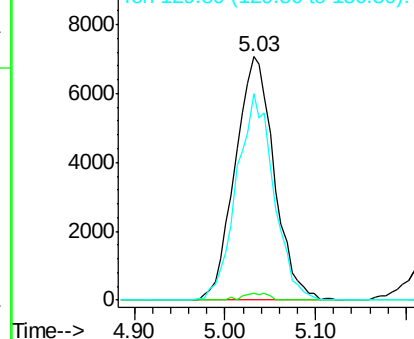
49 100

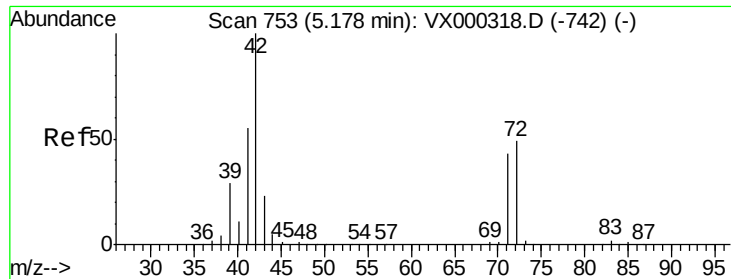
129 1.8 0.0 5.0

130 80.8 64.0 96.0



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

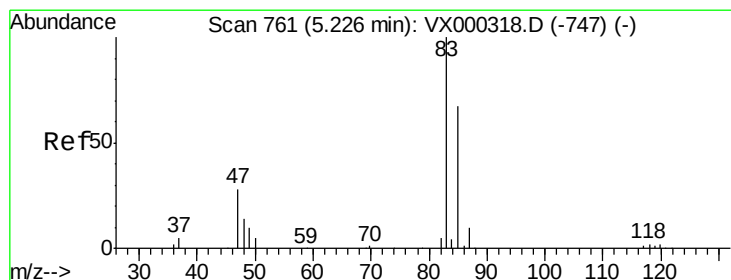
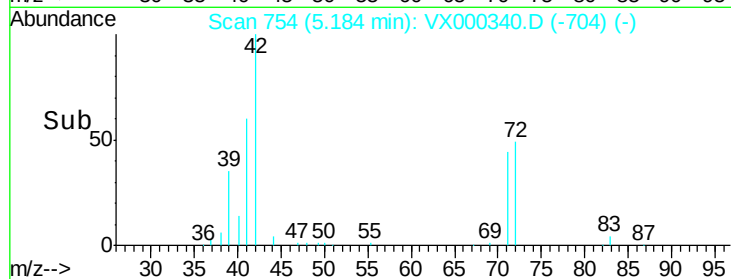
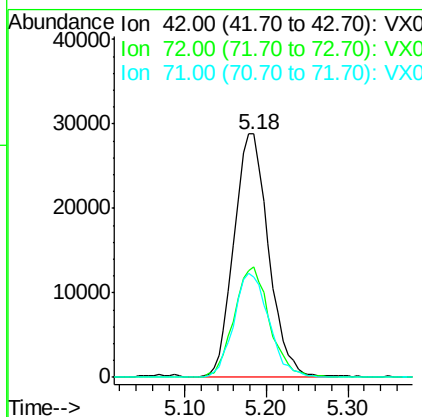
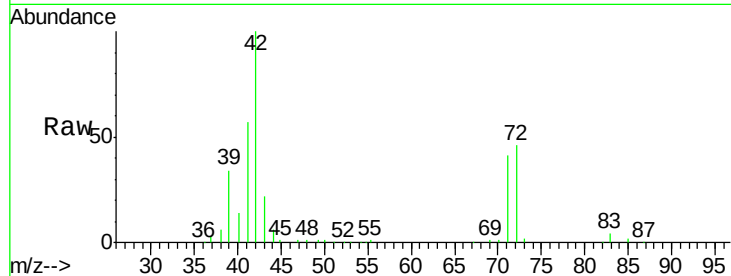




#29
Tetrahydrofuran
Concen: 99.80 ug/l
RT: 5.18 min Scan# 754
Delta R.T. 0.01 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

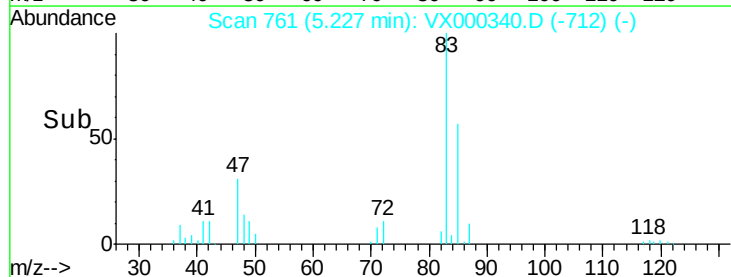
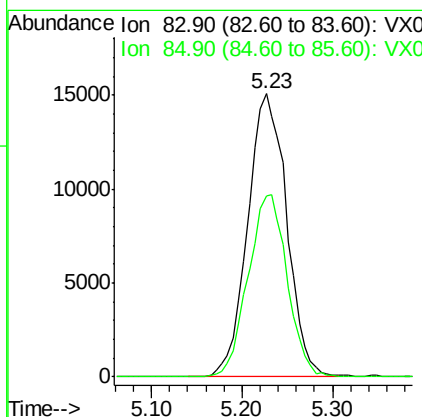
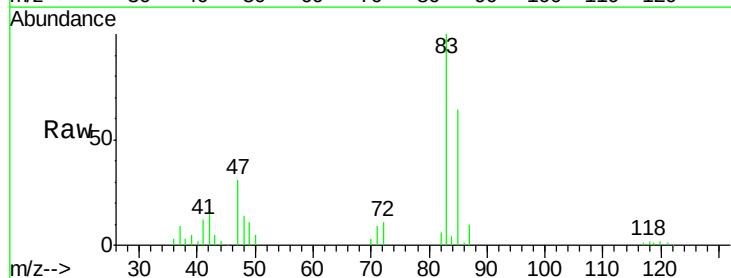
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

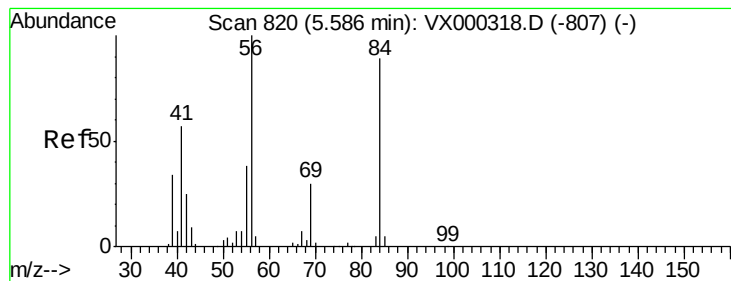
Tgt Ion: 42 Resp: 85302
Ion Ratio Lower Upper
42 100
72 46.3 37.9 56.9
71 43.1 34.4 51.6



#30
Chloroform
Concen: 19.34 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion: 83 Resp: 44753
Ion Ratio Lower Upper
83 100
85 64.1 53.3 79.9





#31

Cyclohexane

Concen: 17.36 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

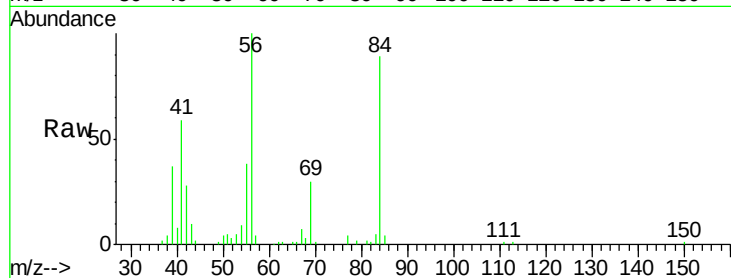
Tgt Ion: 56 Resp: 32657

Ion Ratio Lower Upper

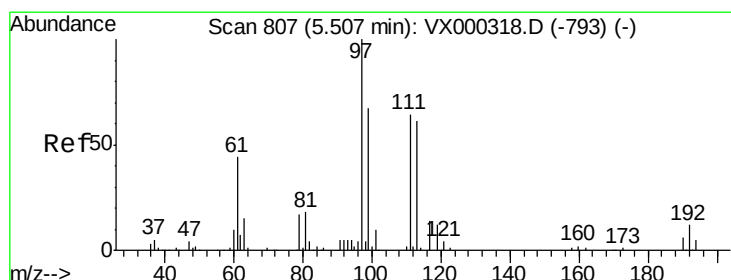
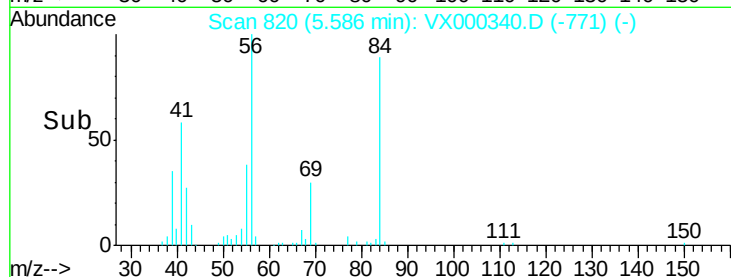
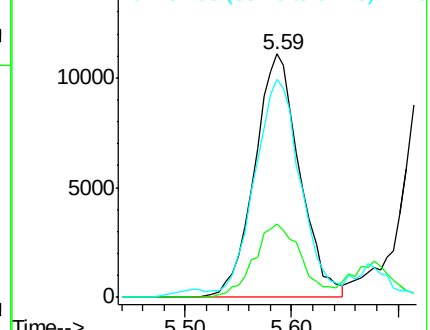
56 100

69 30.0 23.4 35.0

84 85.8 71.0 106.4



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



#32

1,1,1-Trichloroethane

Concen: 19.22 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

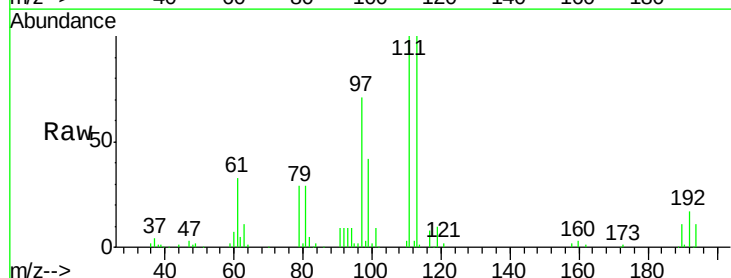
Tgt Ion: 97 Resp: 39308

Ion Ratio Lower Upper

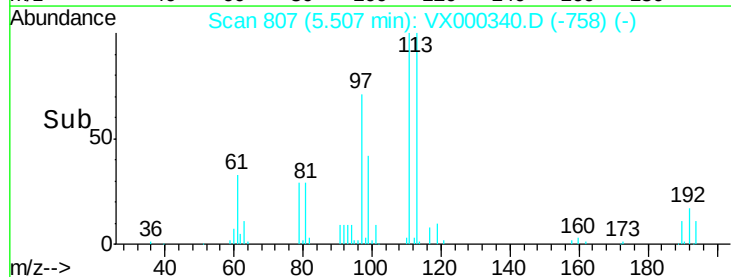
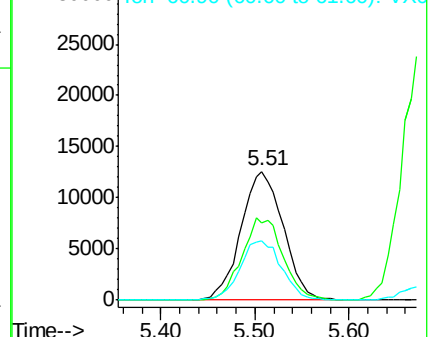
97 100

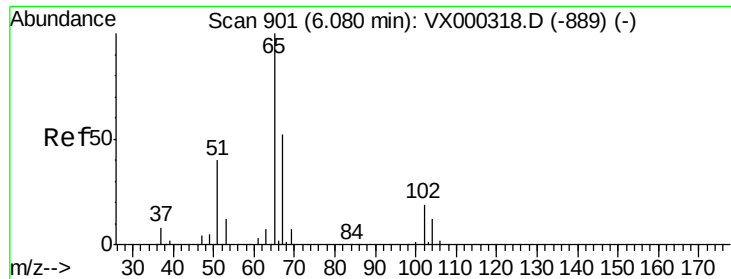
99 62.4 52.1 78.1

61 45.7 36.2 54.4



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

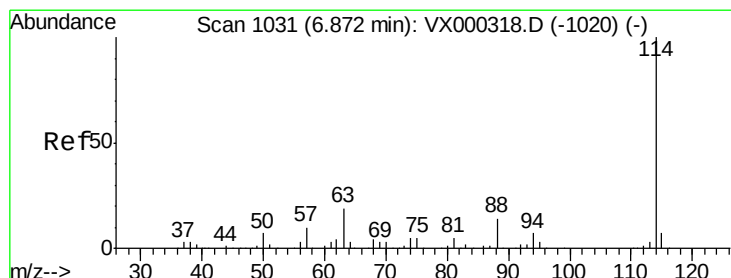
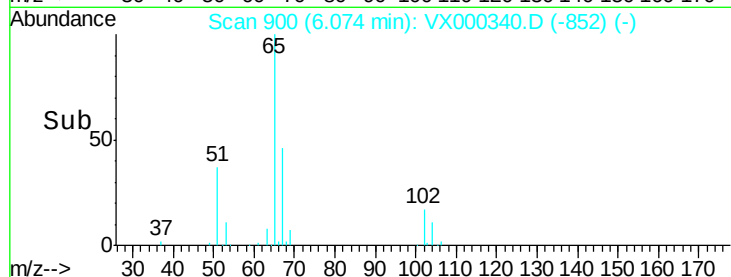
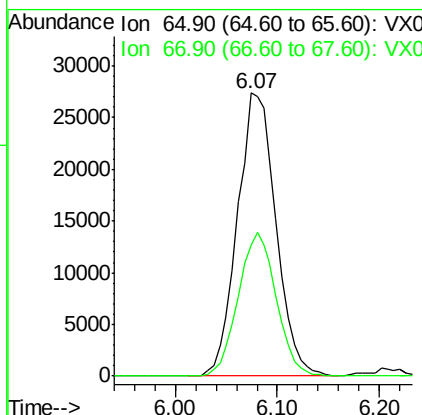
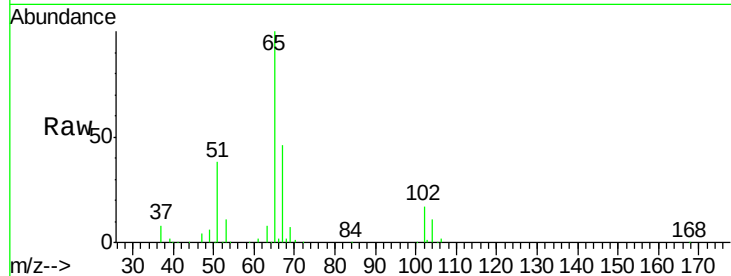




#33
 1,2-Dichloroethane-d4
 Concen: 43.23 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

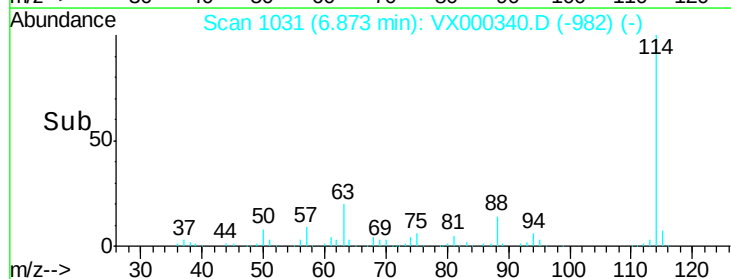
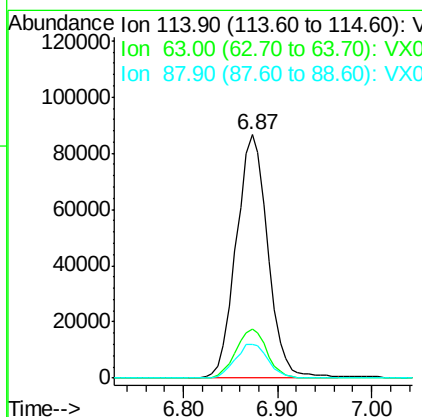
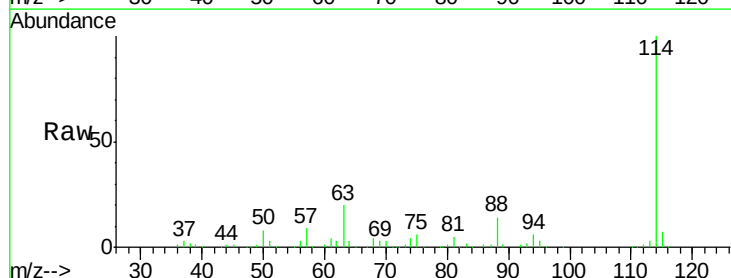
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

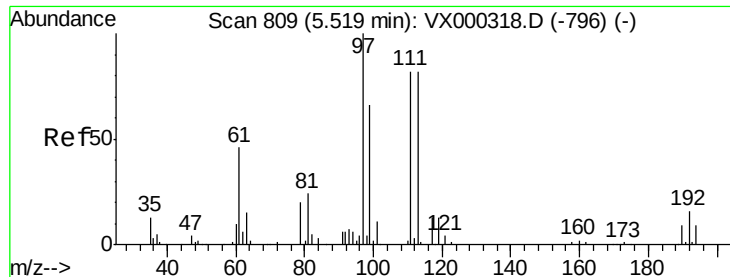
Tgt Ion: 65 Resp: 71939
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Tgt Ion: 114 Resp: 202883
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.4
 88 13.9 0.0 27.0





#35

Dibromofluoromethane

Concen: 43.91 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampled :

VX0315WBSD01

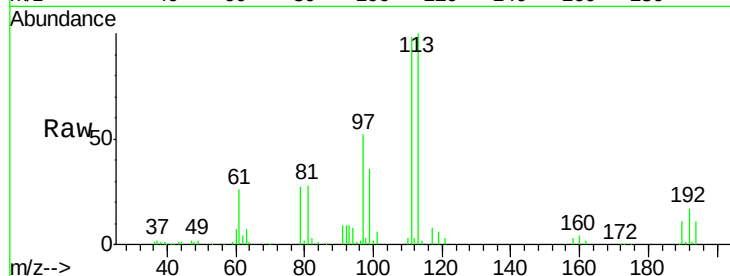
Tgt Ion:113 Resp: 56206

Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

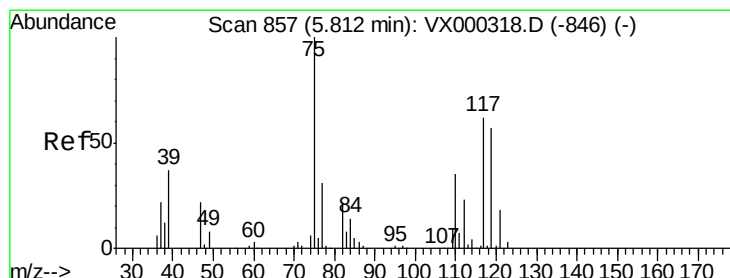
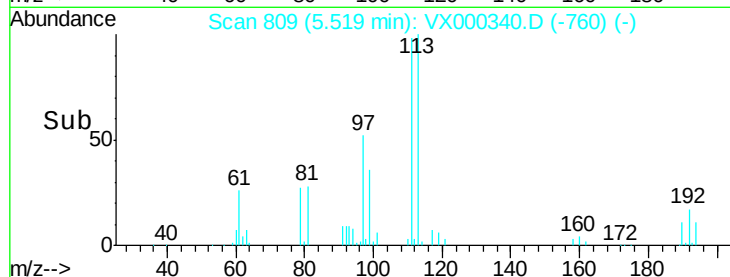
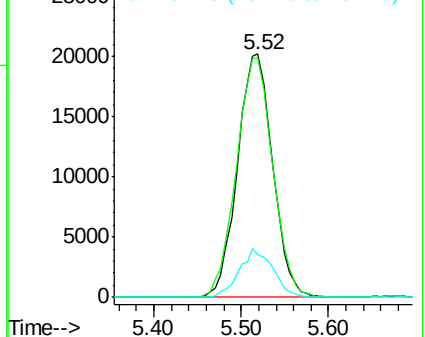
192 19.1 15.8 23.6



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: 17.15 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.01 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

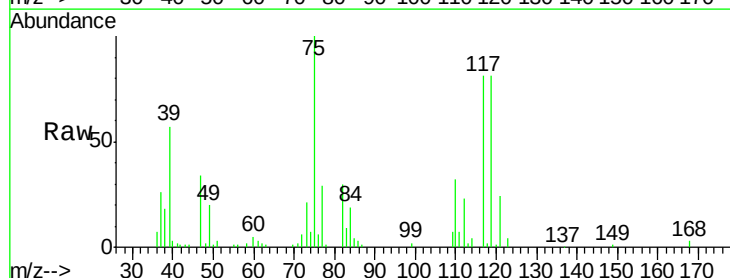
Tgt Ion: 75 Resp: 31613

Ion Ratio Lower Upper

75 100

110 35.2 17.9 53.7

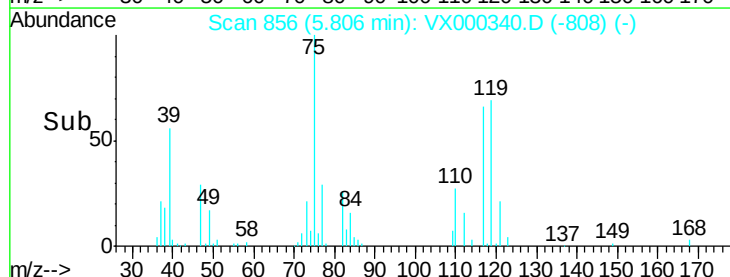
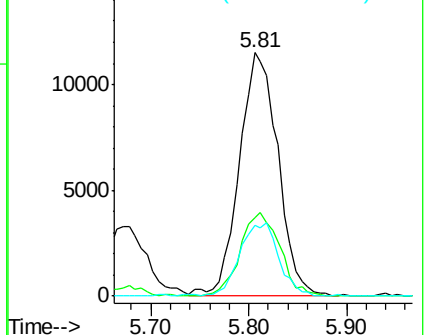
77 30.2 24.0 36.0

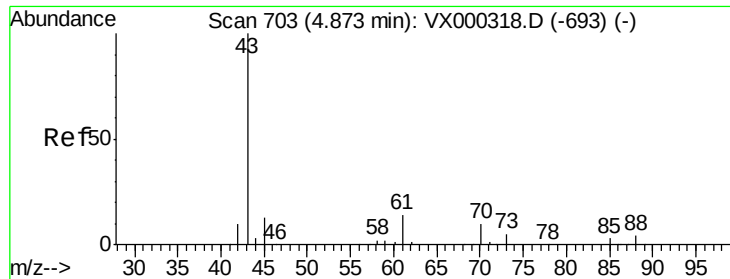


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

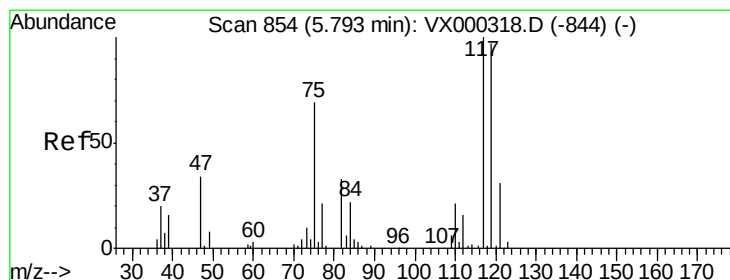
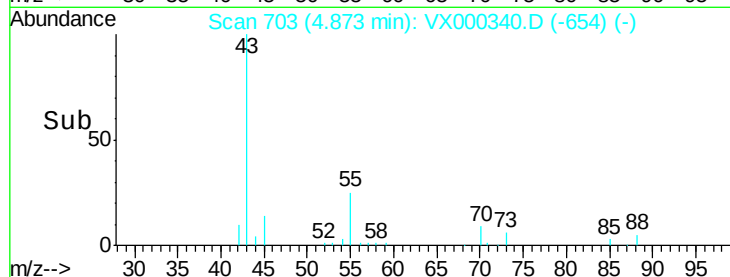
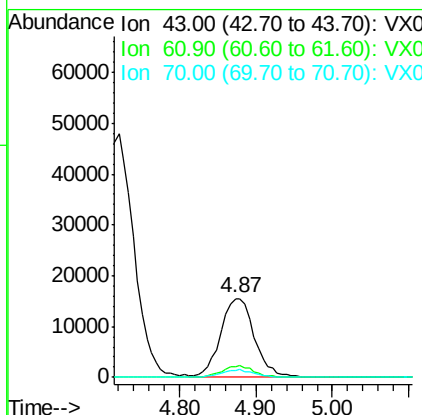
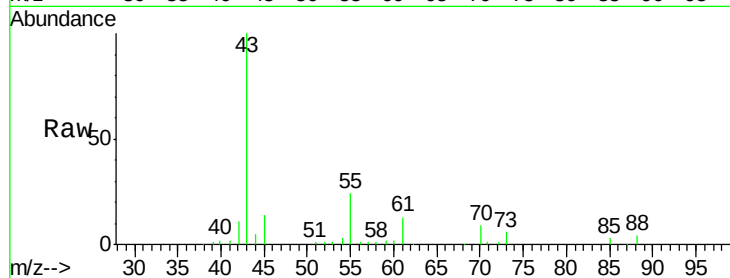




#37
Ethyl Acetate
Concen: 19.38 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

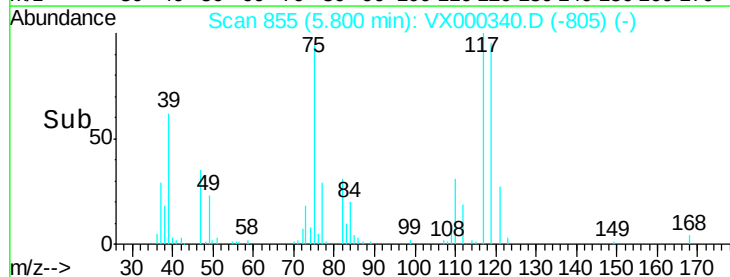
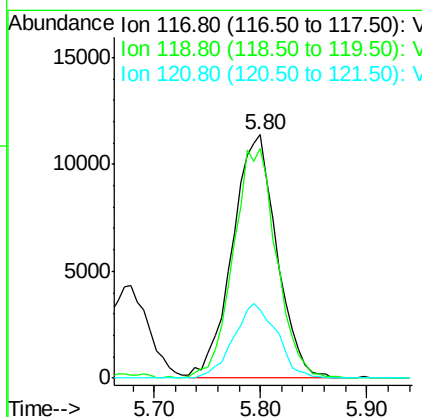
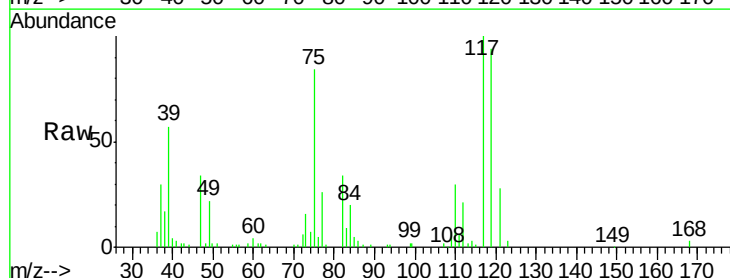
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

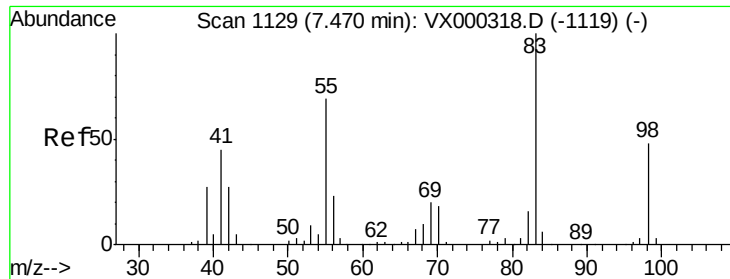
Tgt Ion: 43 Resp: 47469
Ion Ratio Lower Upper
43 100
61 13.6 11.1 16.7
70 9.1 7.7 11.5



#38
Carbon Tetrachloride
Concen: 17.89 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion: 117 Resp: 33254
Ion Ratio Lower Upper
117 100
119 93.6 77.4 116.2
121 28.1 24.8 37.2

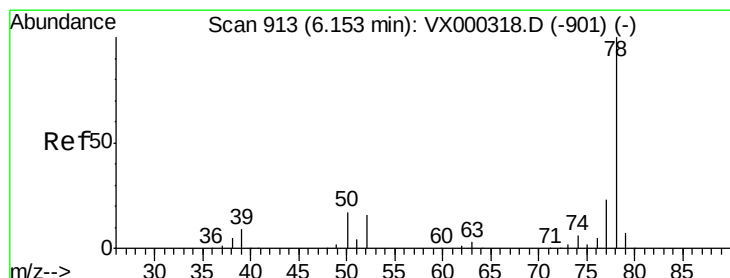
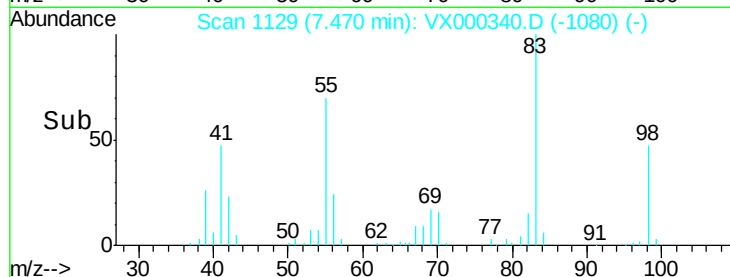
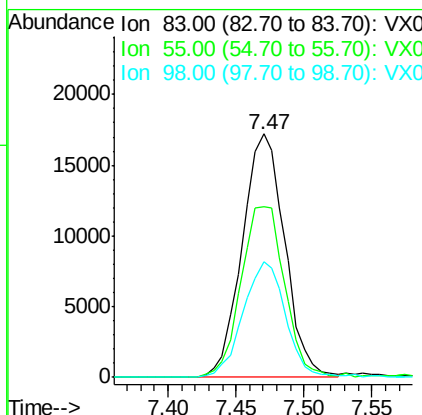
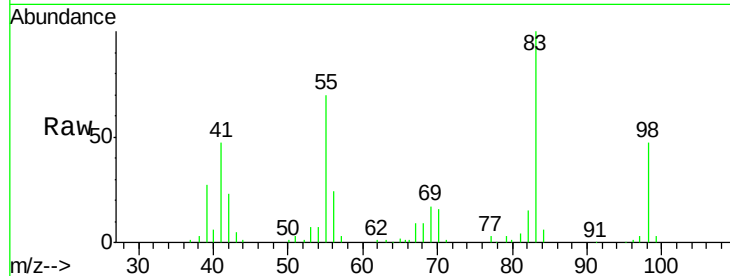




#39
Methylcyclohexane
Concen: 17.56 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

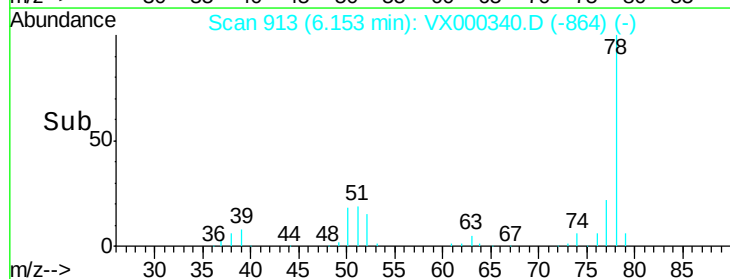
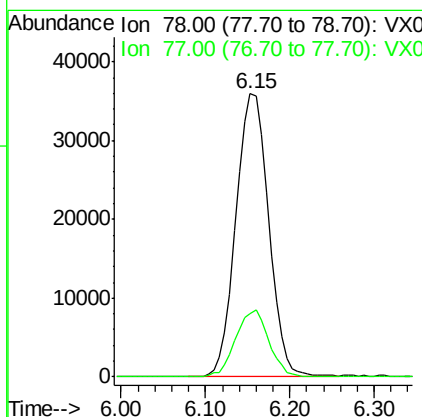
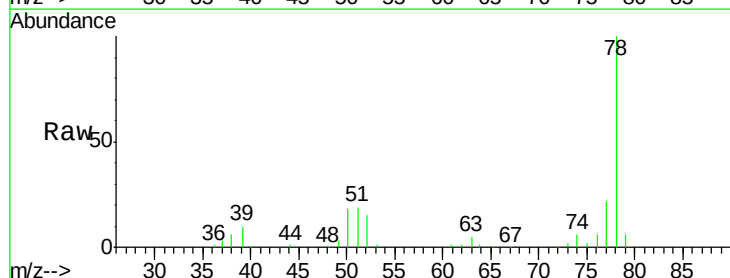
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

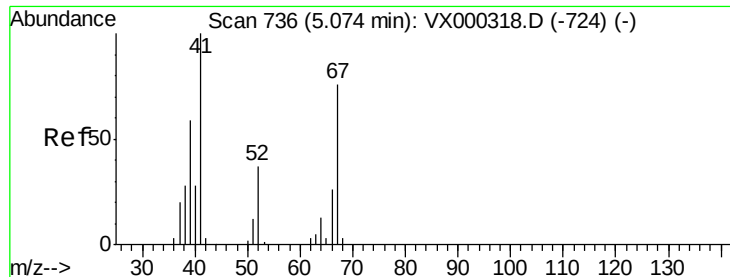
Tgt Ion: 83 Resp: 37747
Ion Ratio Lower Upper
83 100
55 70.3 55.5 83.3
98 47.3 38.2 57.4



#40
Benzene
Concen: 18.13 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion: 78 Resp: 94814
Ion Ratio Lower Upper
78 100
77 22.5 18.7 28.1

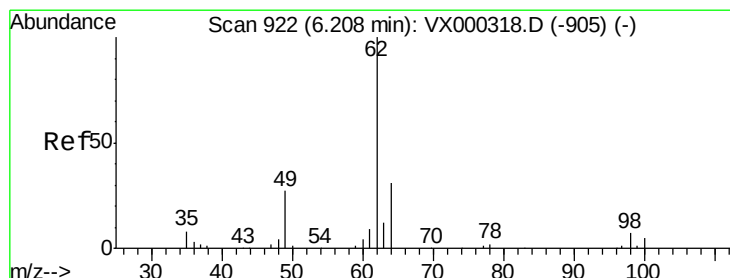
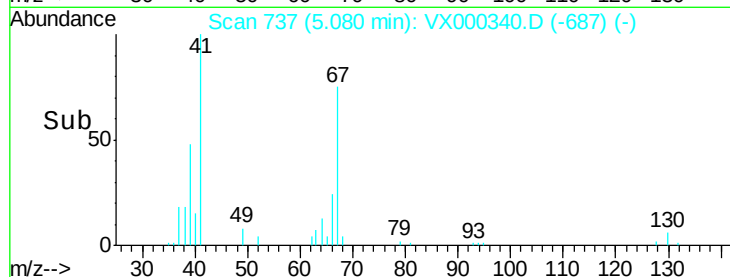
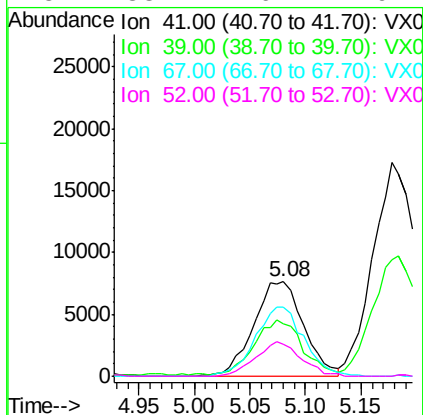
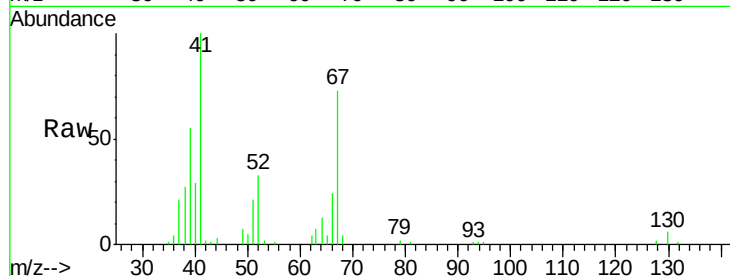




#41
Methacrylonitrile
Concen: 18.53 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

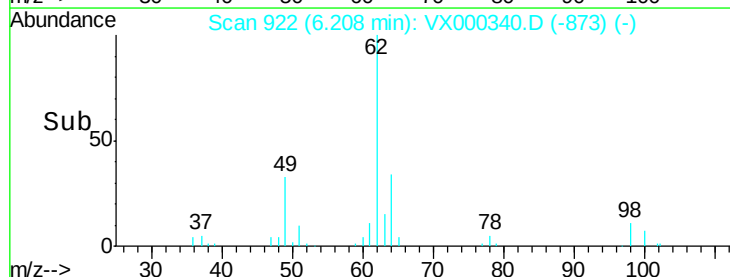
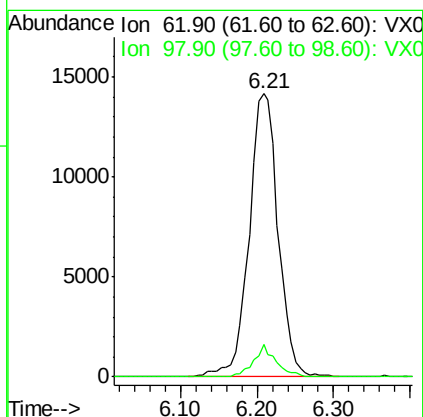
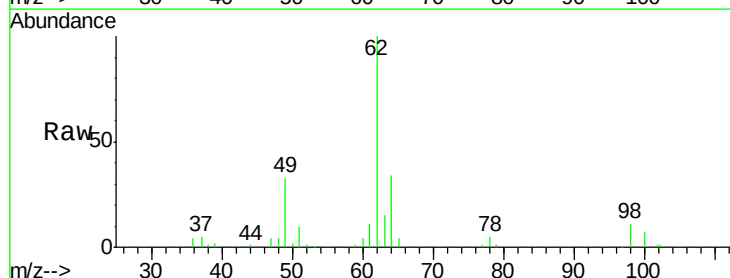
Instrument :
MSVOA_X
ClientSampled :
VX0315WBSD01

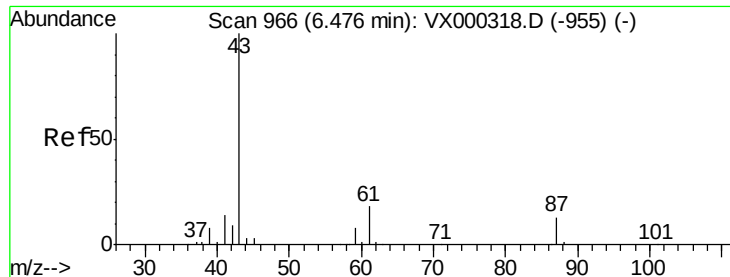
Tgt Ion:	41	Resp:	23831
Ion	Ratio	Lower	Upper
41	100		
39	55.1	45.7	68.5
67	71.4	57.8	86.8
52	33.1	26.7	40.1



#42
1,2-Dichloroethane
Concen: 18.07 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion:	62	Resp:	37455
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	15.8





#43

Isopropyl Acetate

Concen: 19.28 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampled :

VX0315WBSD01

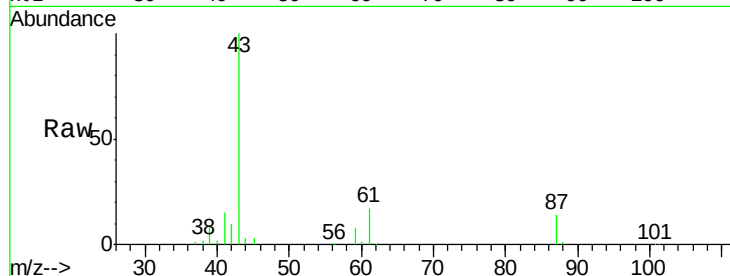
Tgt Ion: 43 Resp: 68183

Ion Ratio Lower Upper

43 100

61 18.1 14.4 21.6

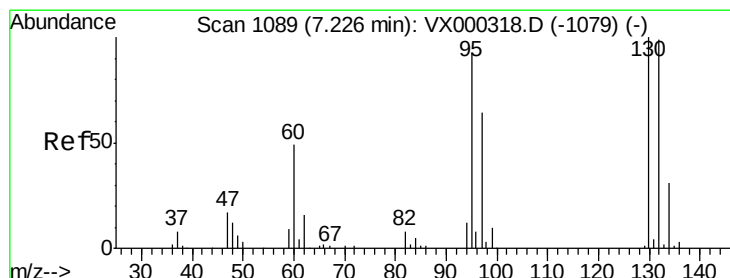
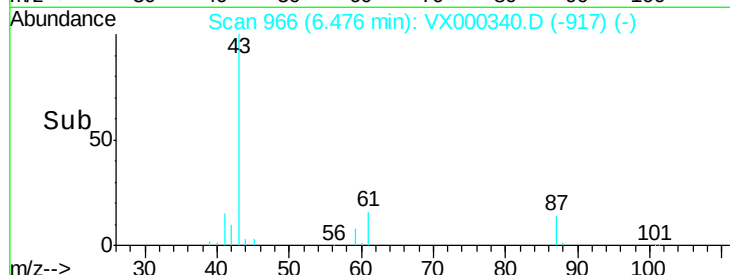
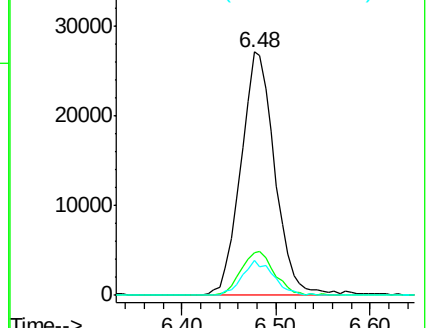
87 13.4 11.0 16.4



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: 17.02 ug/l

RT: 7.23 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VX000340.D

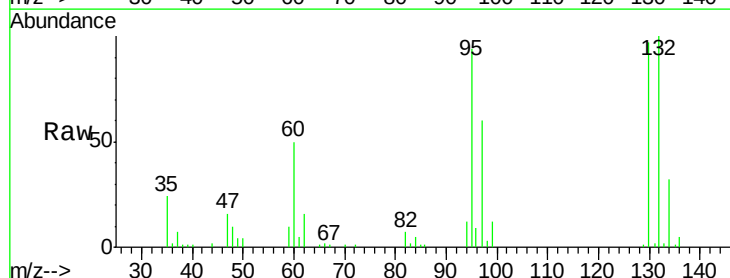
Acq: 15 Mar 2018 20:09

Tgt Ion: 130 Resp: 25800

Ion Ratio Lower Upper

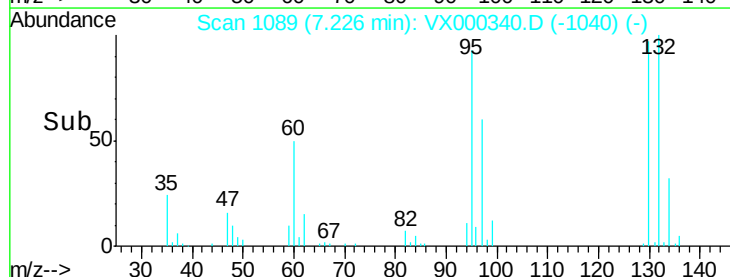
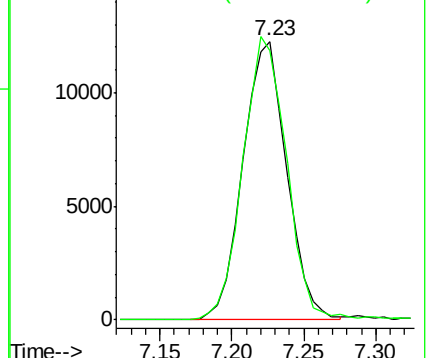
130 100

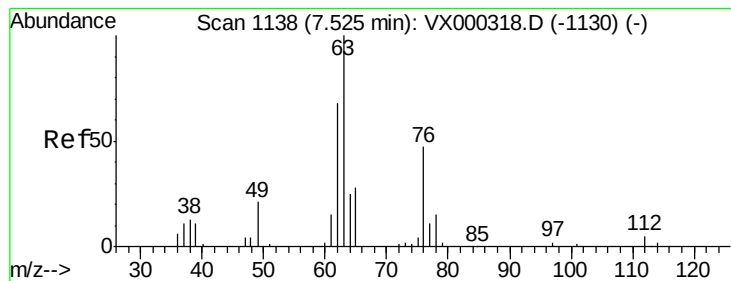
95 96.7 0.0 186.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.60 ug/l

RT: 7.53 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

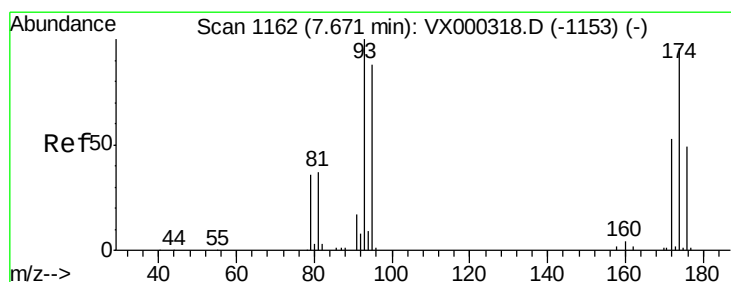
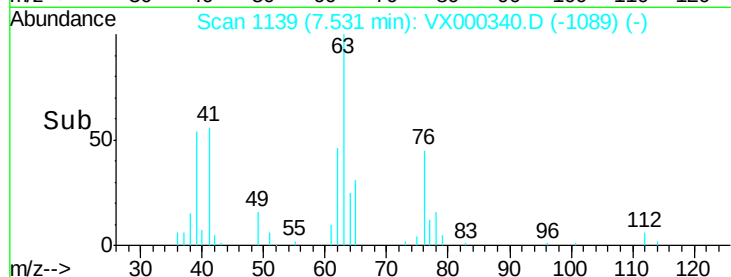
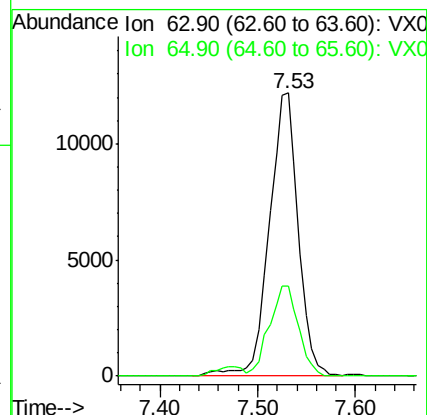
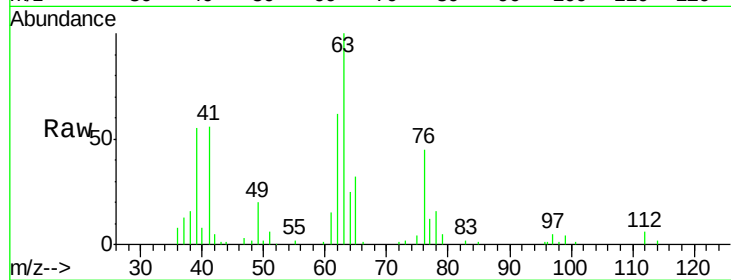
VX0315WBSD01

Tgt Ion: 63 Resp: 25278

Ion Ratio Lower Upper

63 100

65 31.9 24.6 36.8



#46

Dibromomethane

Concen: 18.48 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

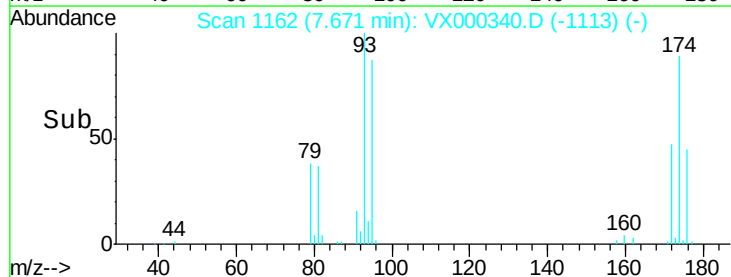
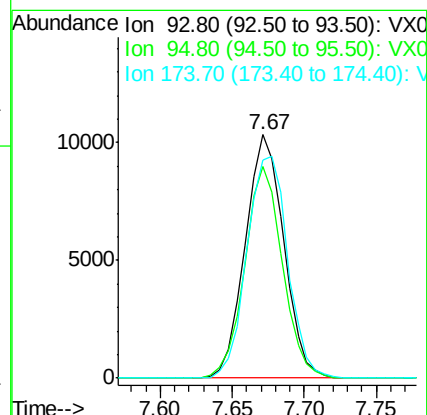
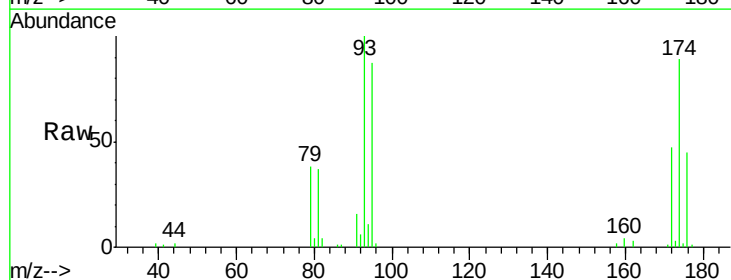
Tgt Ion: 93 Resp: 19153

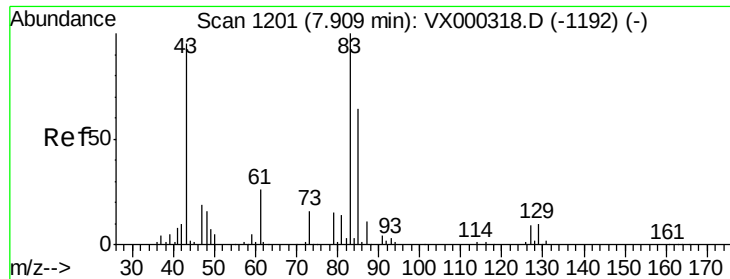
Ion Ratio Lower Upper

93 100

95 84.7 66.5 99.7

174 96.1 76.0 114.0





#47

Bromodichloromethane

Concen: 18.85 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

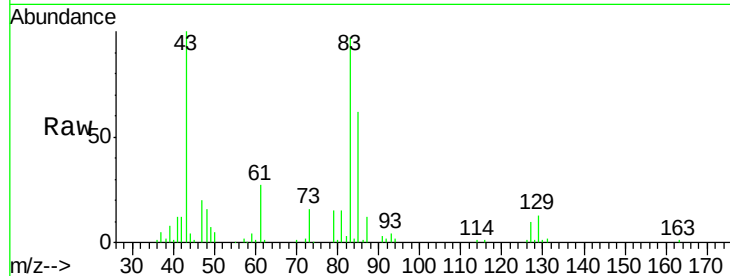
Tgt Ion: 83 Resp: 34665

Ion Ratio Lower Upper

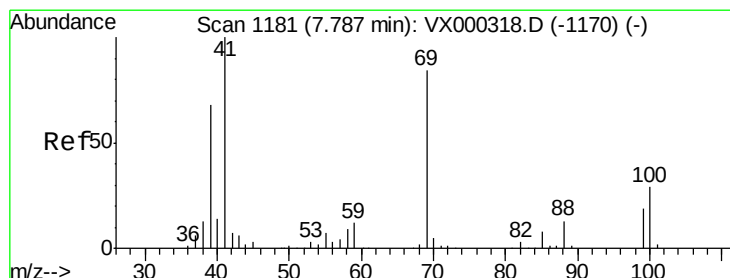
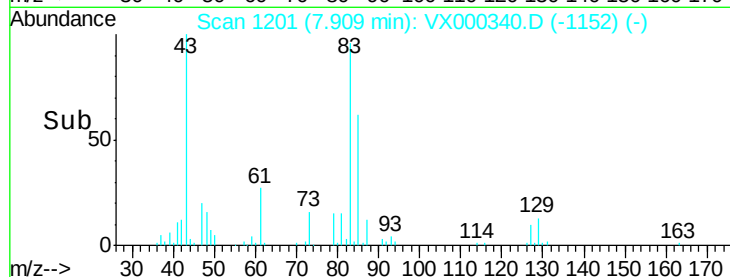
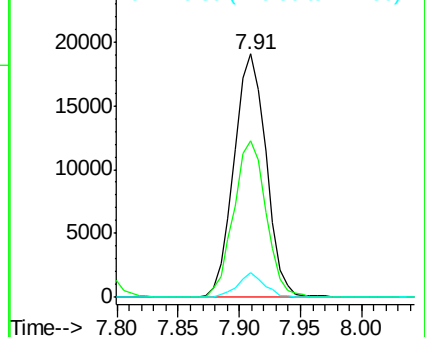
83 100

85 64.3 51.4 77.0

127 10.1 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: 18.37 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

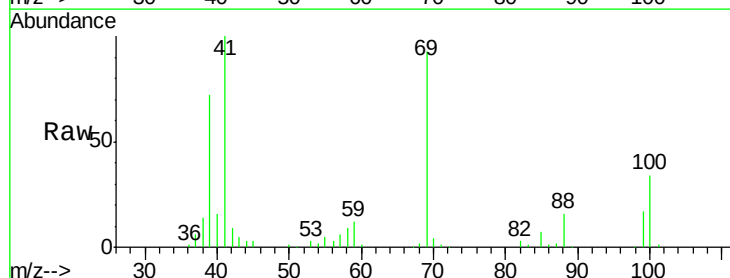
Tgt Ion: 41 Resp: 32836

Ion Ratio Lower Upper

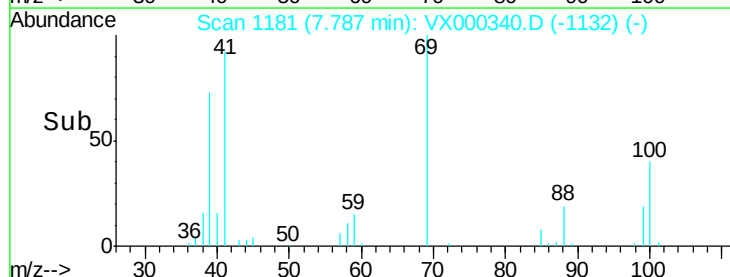
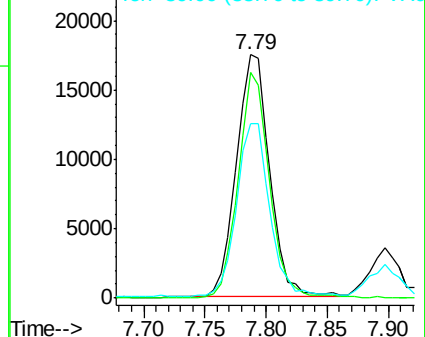
41 100

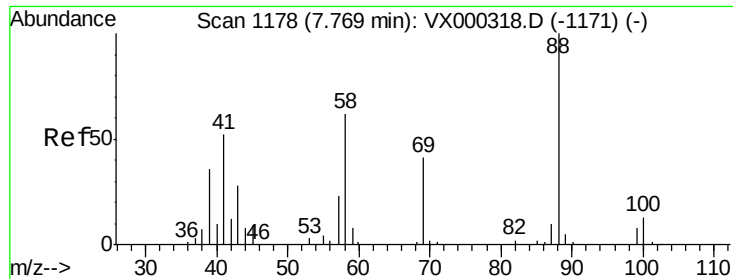
69 86.9 68.2 102.4

39 70.7 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

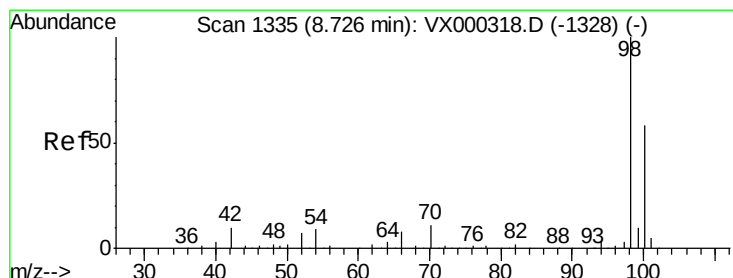
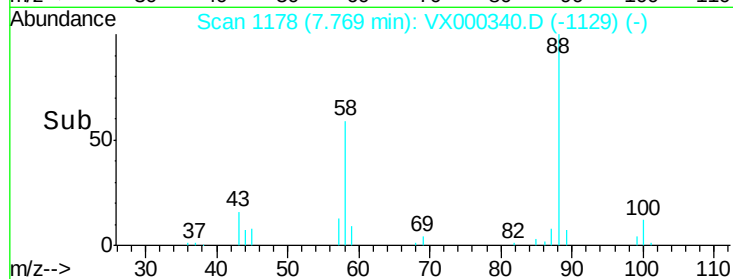
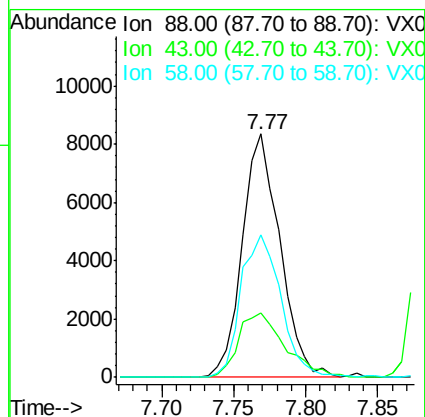
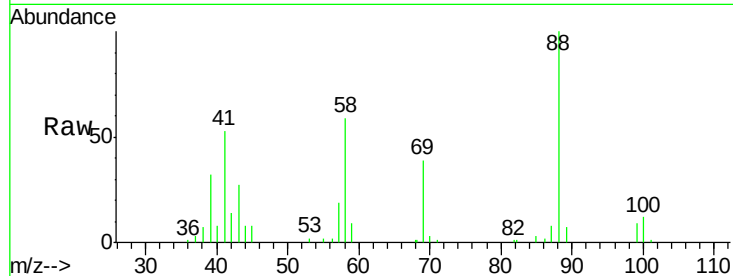




#49
1,4-Dioxane
Concen: 375.80 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

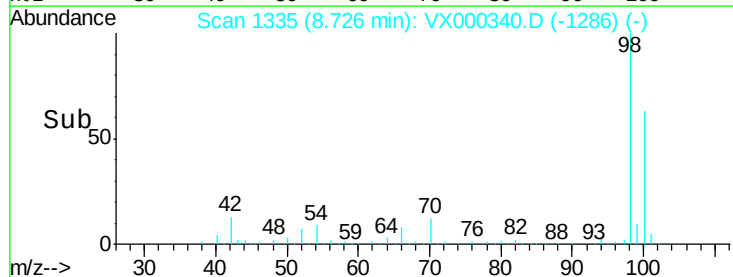
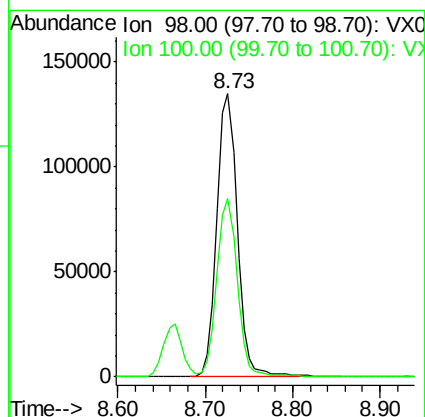
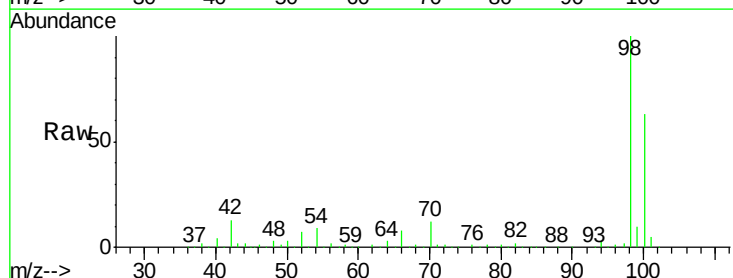
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

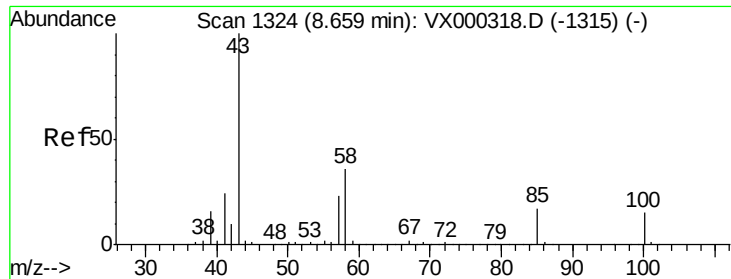
Tgt Ion: 88 Resp: 15117
Ion Ratio Lower Upper
88 100
43 32.9 26.8 40.2
58 62.6 52.2 78.2



#50
Toluene-d8
Concen: 41.33 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion: 98 Resp: 220727
Ion Ratio Lower Upper
98 100
100 63.4 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 99.61 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

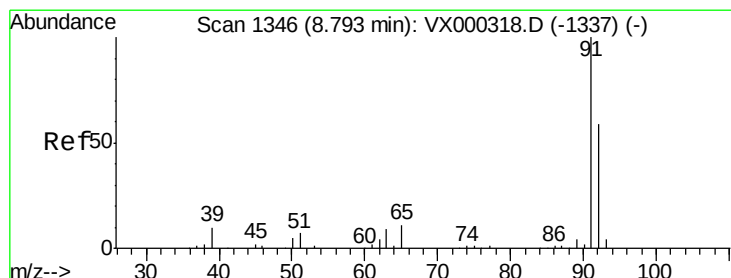
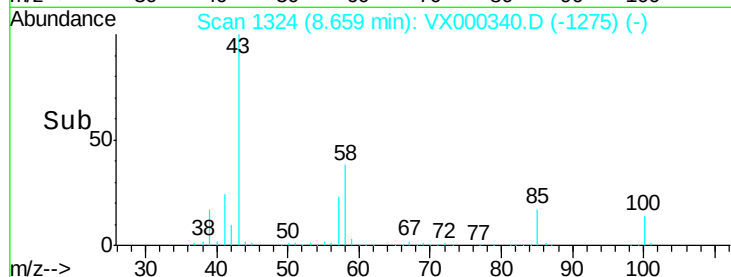
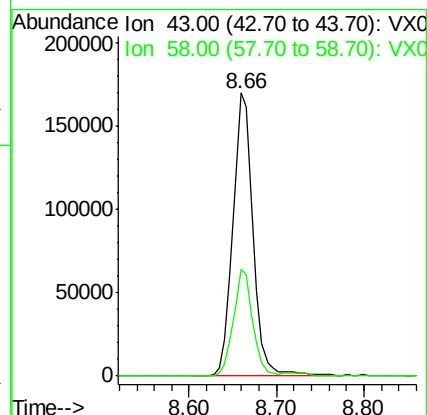
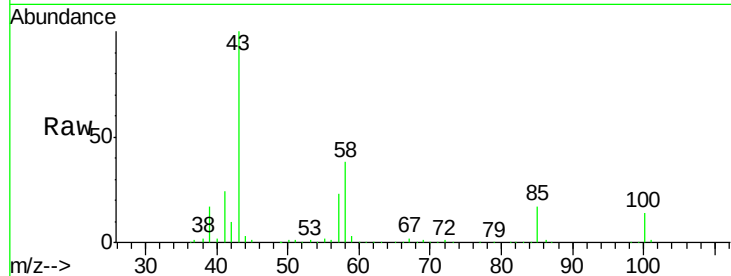
VX0315WBSD01

Tgt Ion: 43 Resp: 273542

Ion Ratio Lower Upper

43 100

58 35.8 30.3 45.5



#52

Toluene

Concen: 17.33 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000340.D

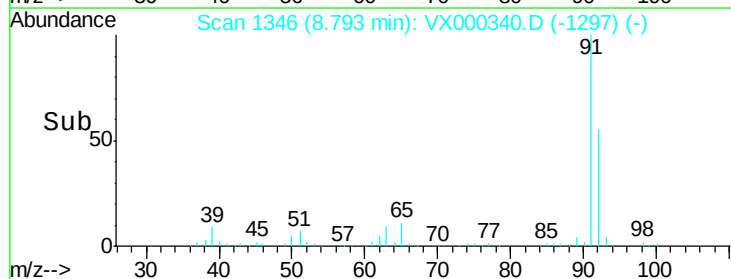
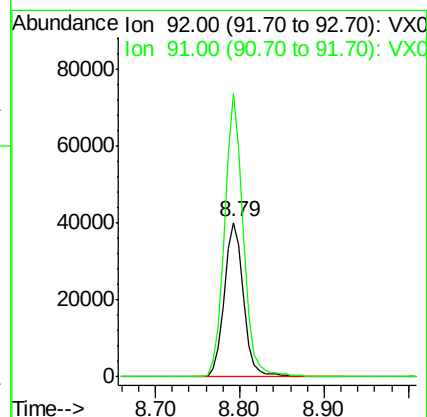
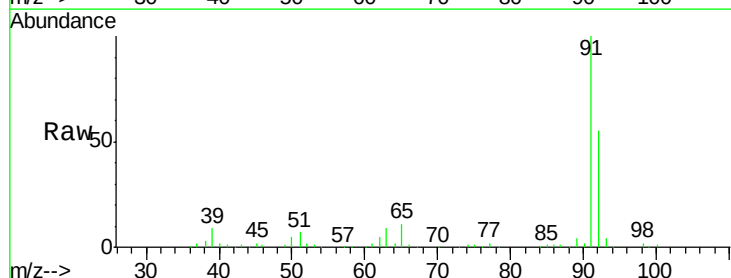
Acq: 15 Mar 2018 20:09

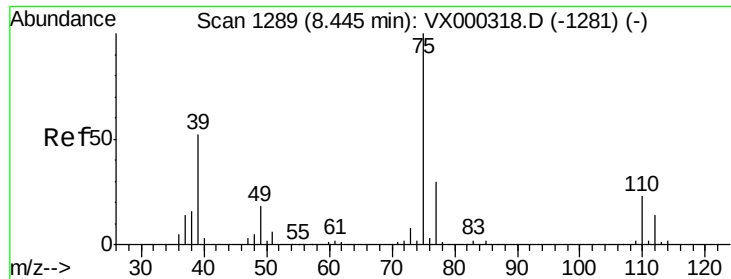
Tgt Ion: 92 Resp: 63682

Ion Ratio Lower Upper

92 100

91 178.3 140.2 210.2

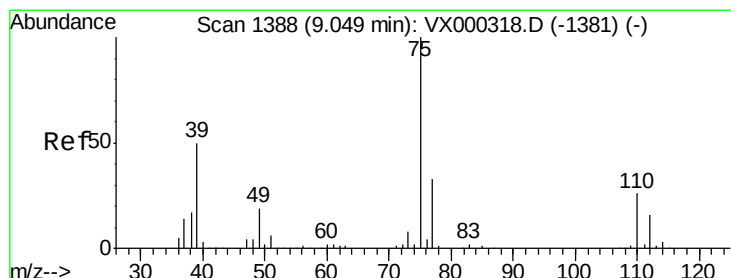
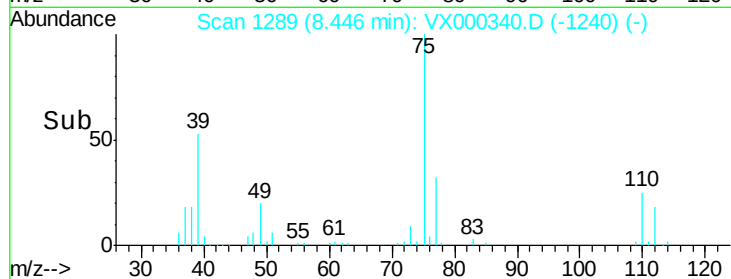
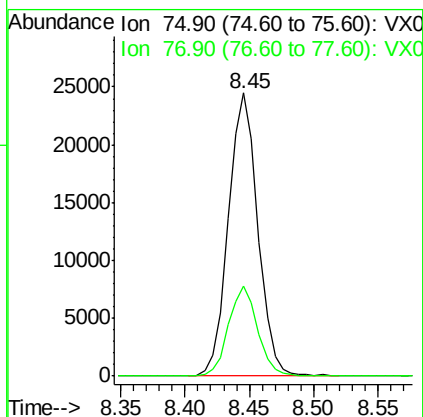
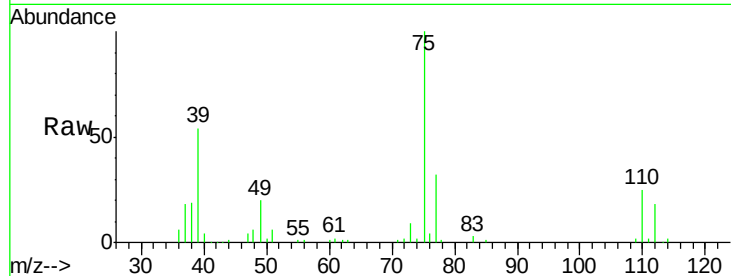




#53
t-1,3-Dichloropropene
Concen: 18.43 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

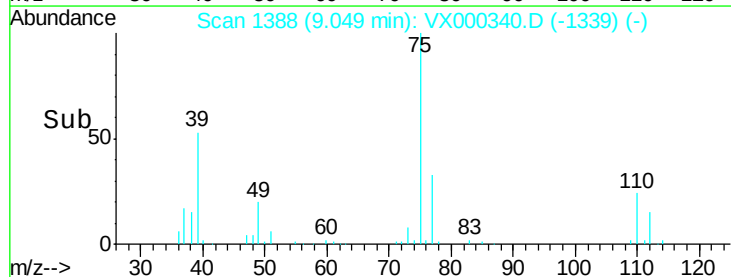
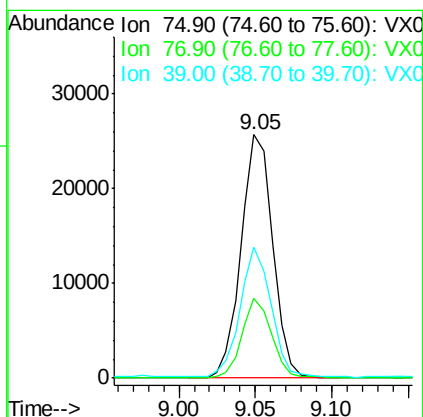
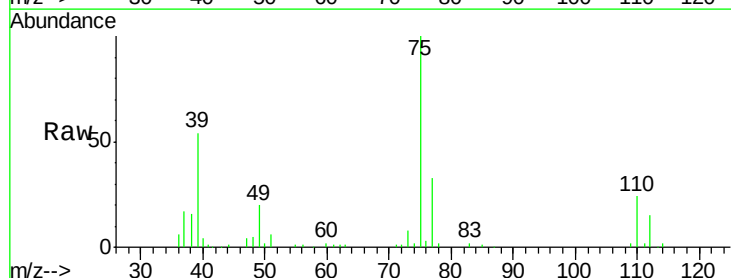
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

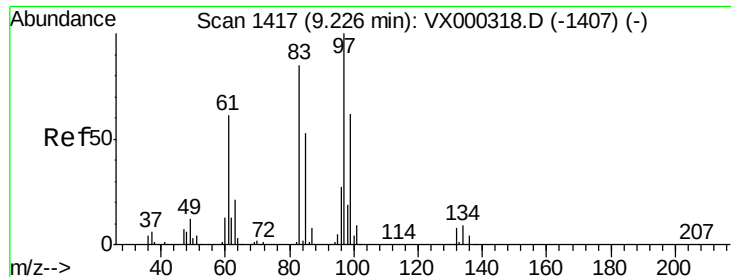
Tgt Ion: 75 Resp: 39122
Ion Ratio Lower Upper
75 100
77 31.9 24.0 36.0



#54
cis-1,3-Dichloropropene
Concen: 17.82 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion: 75 Resp: 36989
Ion Ratio Lower Upper
75 100
77 33.0 26.1 39.1
39 53.1 39.8 59.6

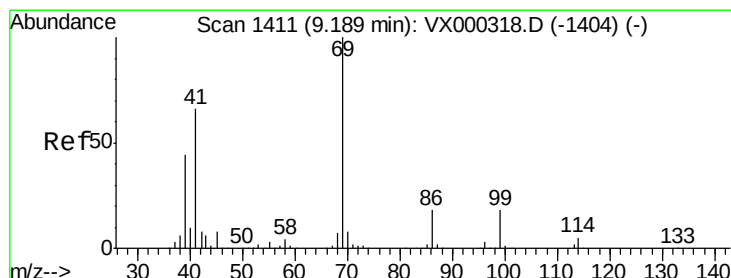
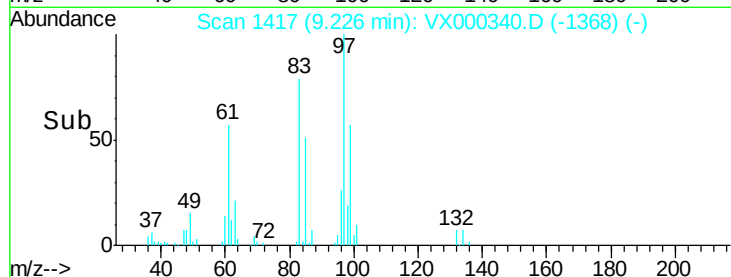
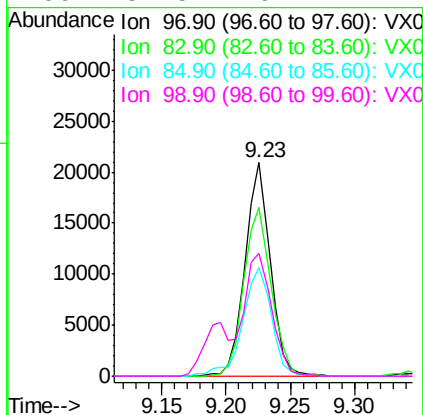
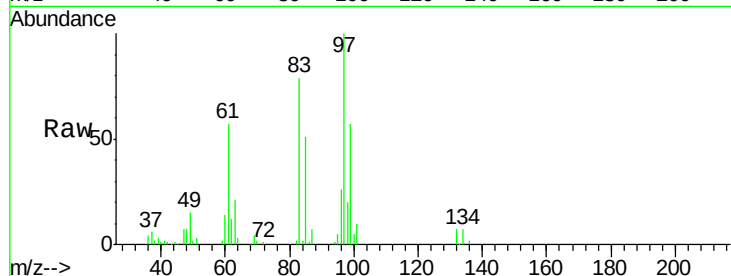




#55
 1,1,2-Trichloroethane
 Concen: 19.17 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

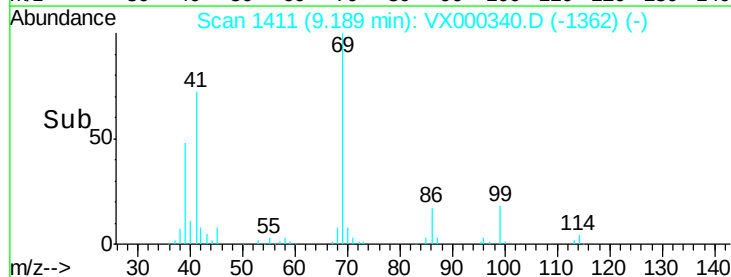
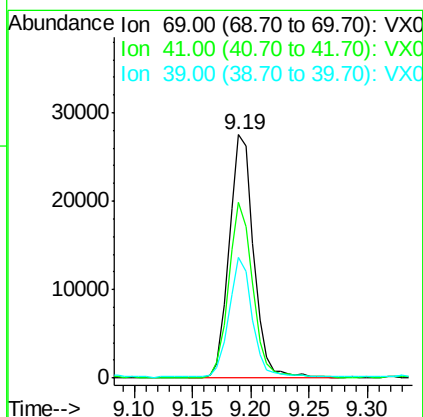
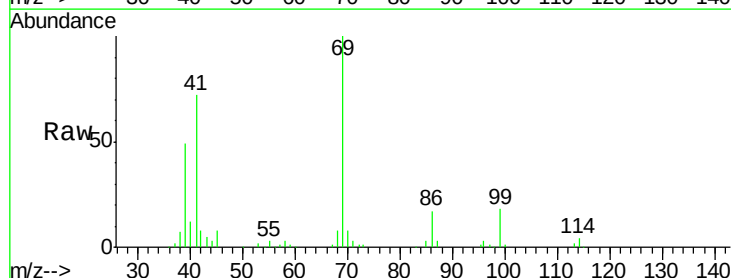
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

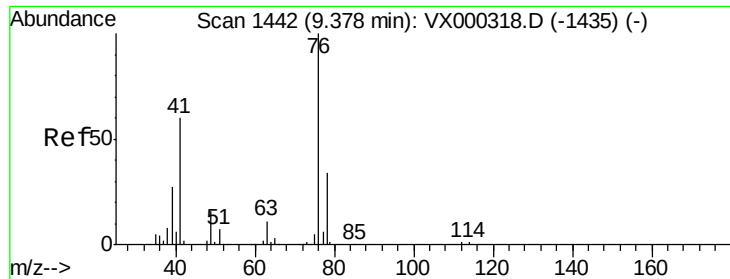
Tgt Ion: 97 Resp: 28264
 Ion Ratio Lower Upper
 97 100
 83 79.3 67.9 101.9
 85 51.0 42.8 64.2
 99 57.5 49.4 74.2



#56
 Ethyl methacrylate
 Concen: 18.59 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Tgt Ion: 69 Resp: 40570
 Ion Ratio Lower Upper
 69 100
 41 71.6 53.0 79.6
 39 46.8 35.3 52.9

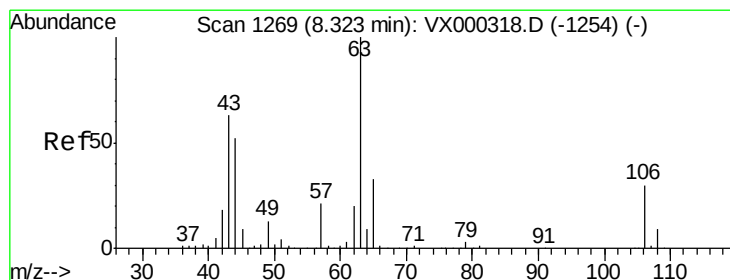
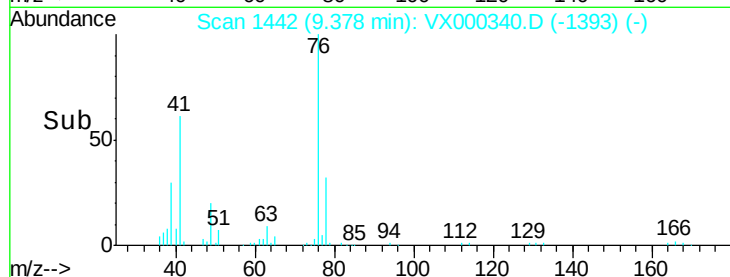
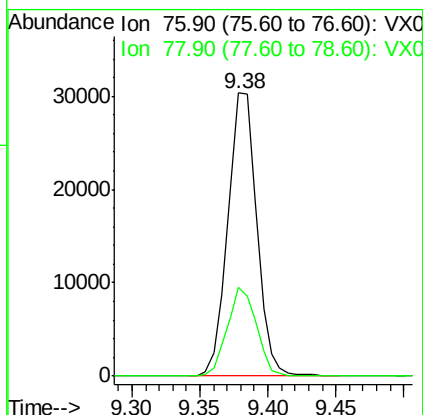
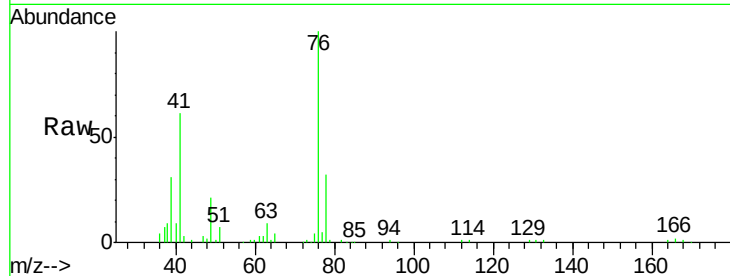




#57
 1,3-Dichloropropane
 Concen: 18.85 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

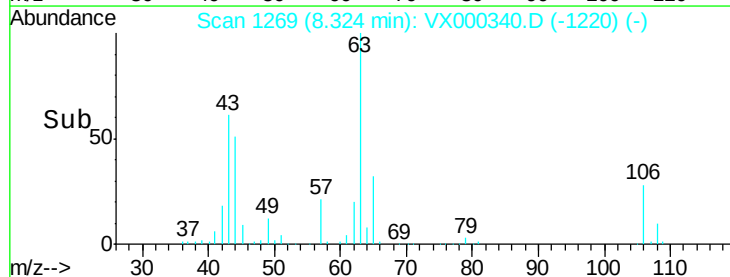
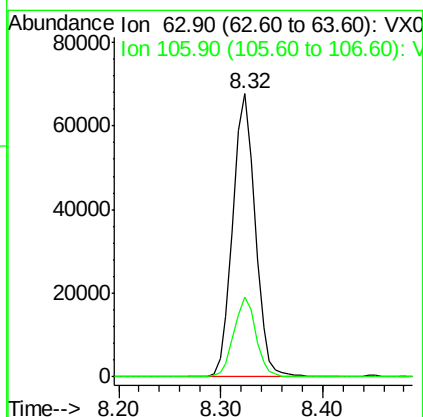
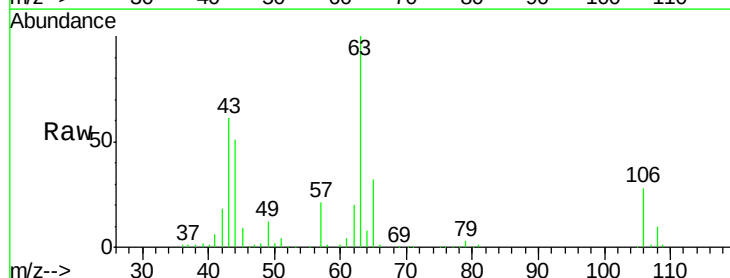
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

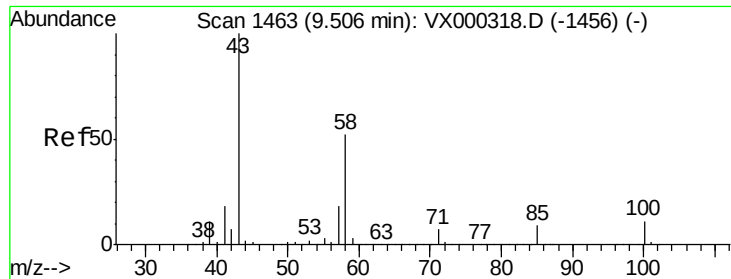
Tgt Ion: 76 Resp: 45024
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 113.51 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Tgt Ion: 63 Resp: 103101
 Ion Ratio Lower Upper
 63 100
 106 27.8 23.2 34.8

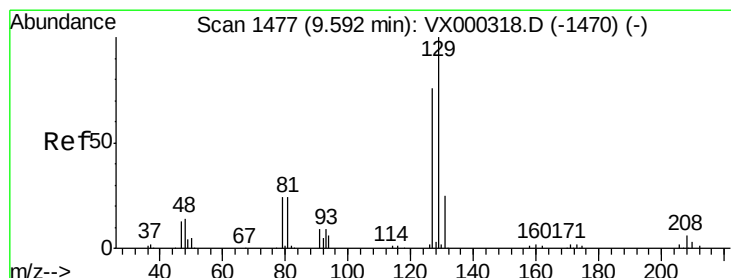
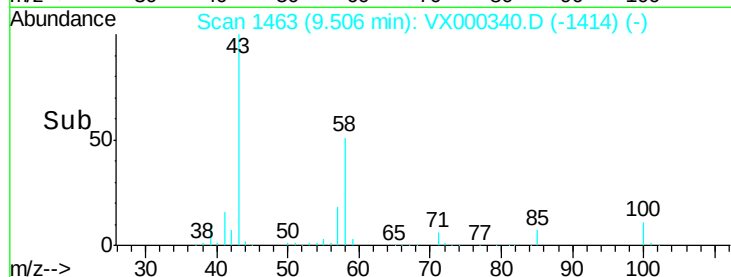
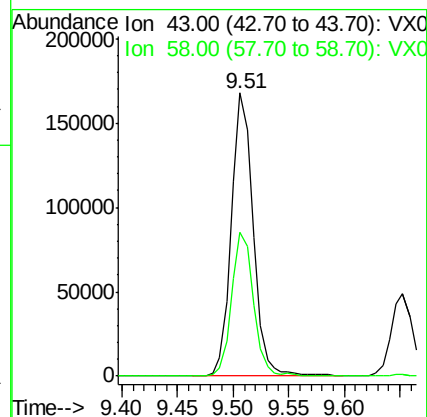
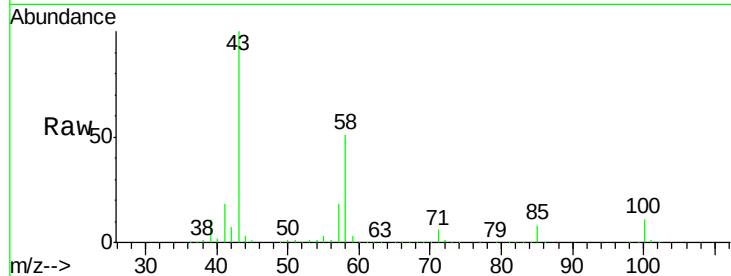




#59
2-Hexanone
Concen: 99.01 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

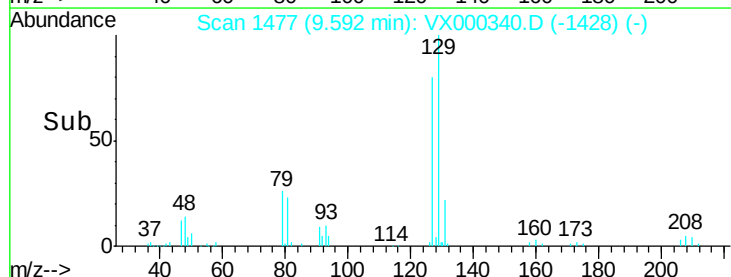
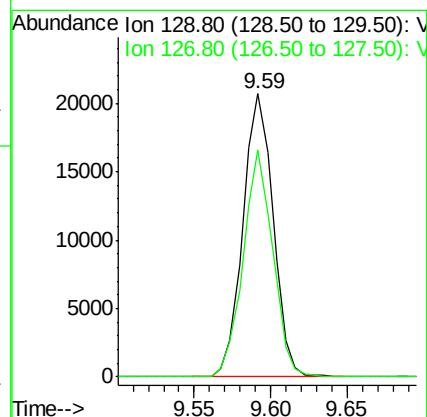
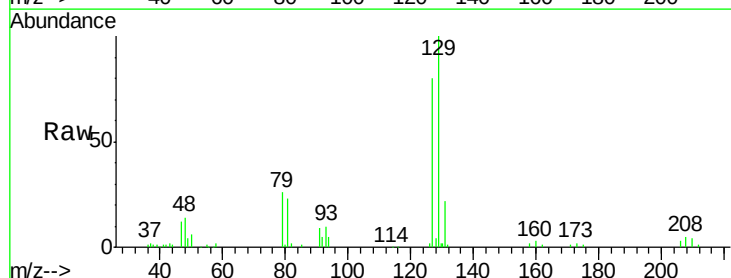
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

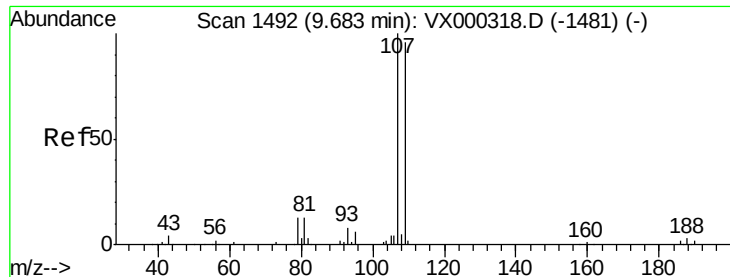
Tgt Ion: 43 Resp: 229074
Ion Ratio Lower Upper
43 100
58 51.2 26.6 79.7



#60
Dibromochloromethane
Concen: 18.21 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion: 129 Resp: 28391
Ion Ratio Lower Upper
129 100
127 78.2 37.9 113.6





#61

1,2-Dibromoethane

Concen: 17.76 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

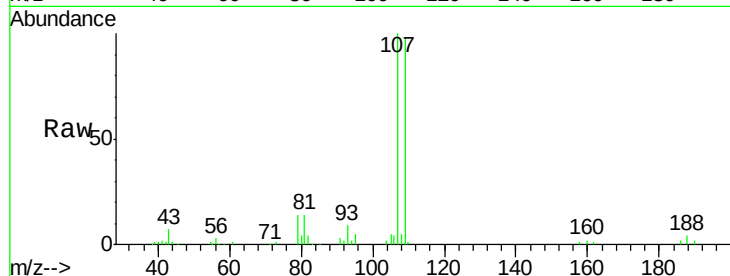
VX0315WBSD01

Tgt Ion: 107 Resp: 29028

Ion Ratio Lower Upper

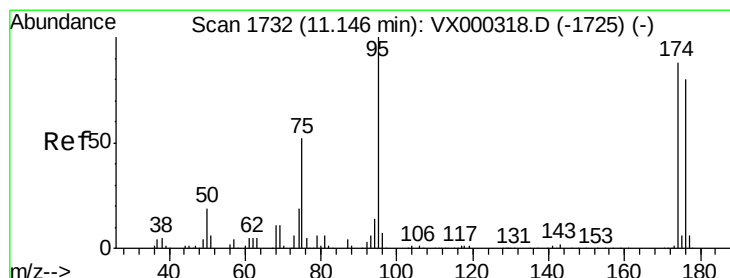
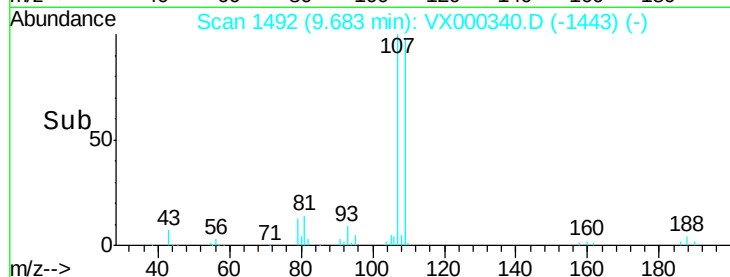
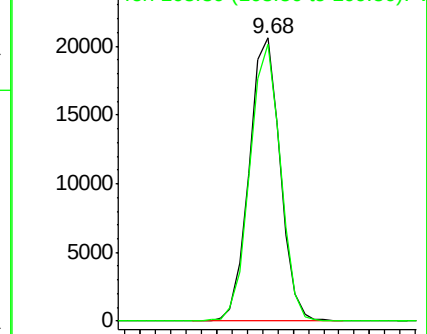
107 100

109 96.9 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: 38.79 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

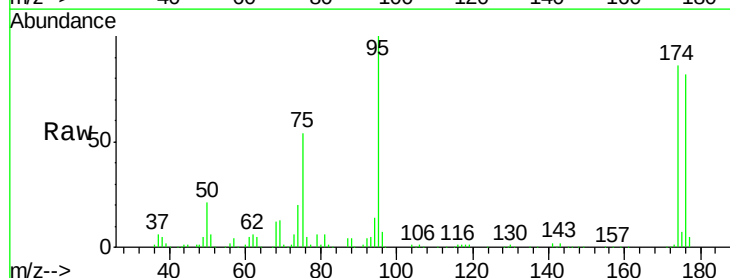
Tgt Ion: 95 Resp: 83058

Ion Ratio Lower Upper

95 100

174 85.7 0.0 173.6

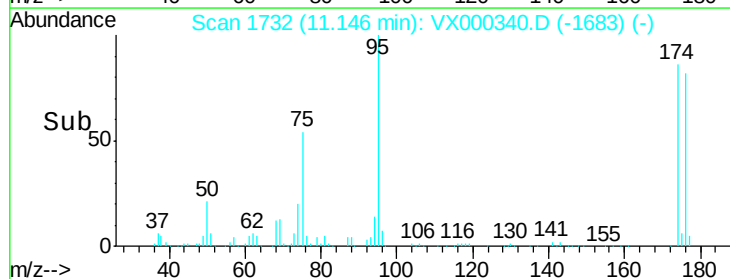
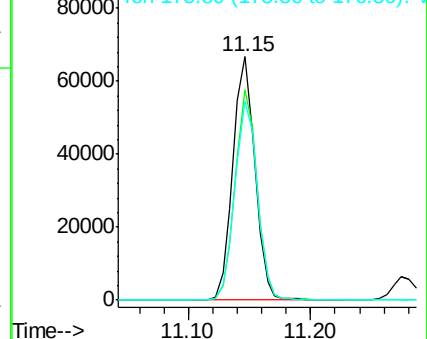
176 83.5 0.0 164.6

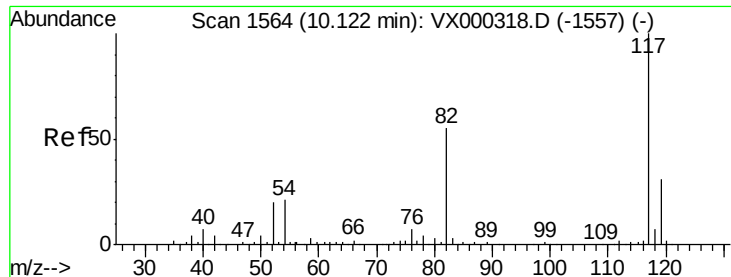


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

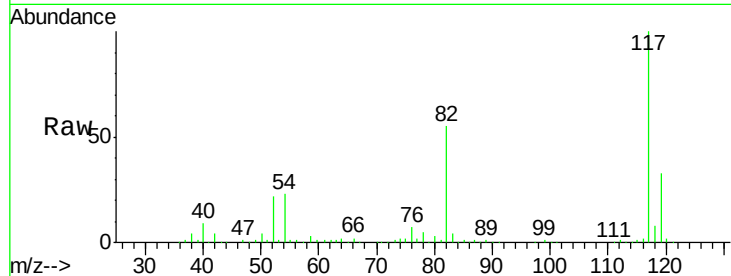




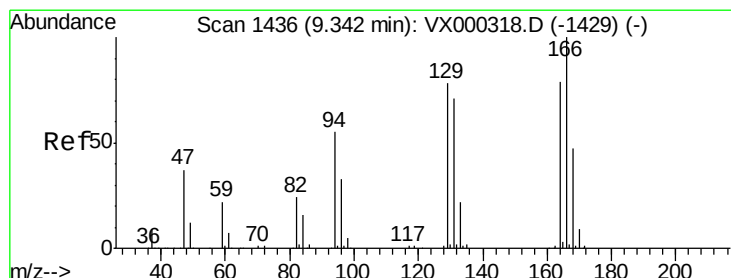
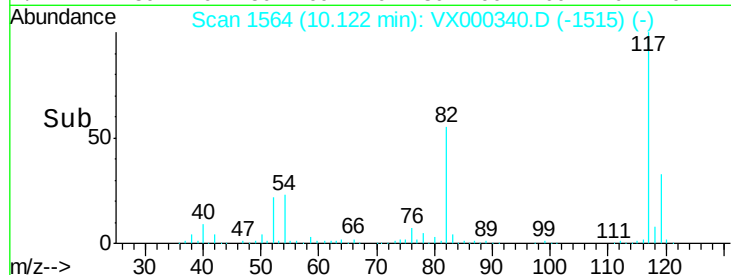
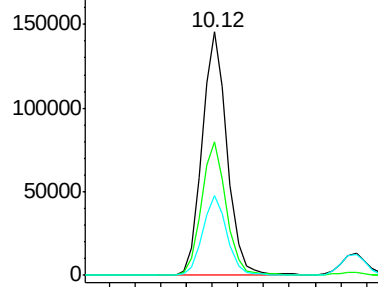
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

Tgt Ion:117 Resp: 197384
Ion Ratio Lower Upper
117 100
82 54.9 43.8 65.8
119 32.8 24.9 37.3

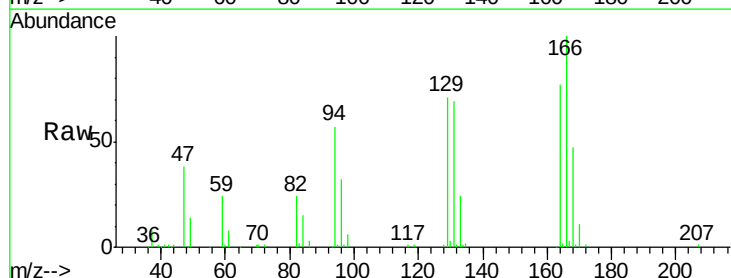


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

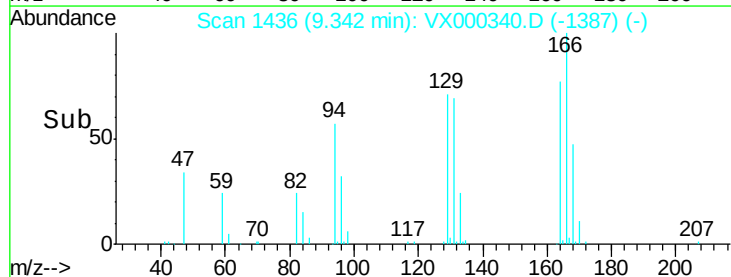
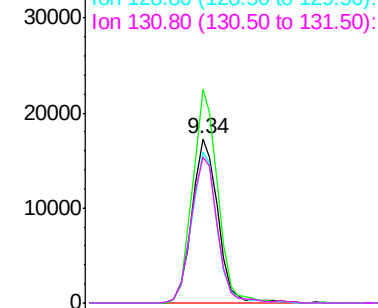


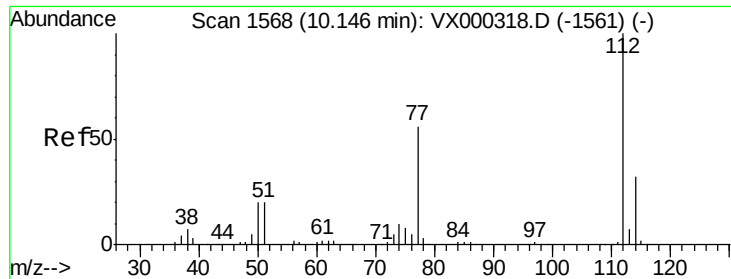
#64
Tetrachloroethene
Concen: 19.52 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion:164 Resp: 26437
Ion Ratio Lower Upper
164 100
166 130.0 101.0 151.6
129 91.8 79.0 118.4
131 89.1 71.9 107.9



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.85 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

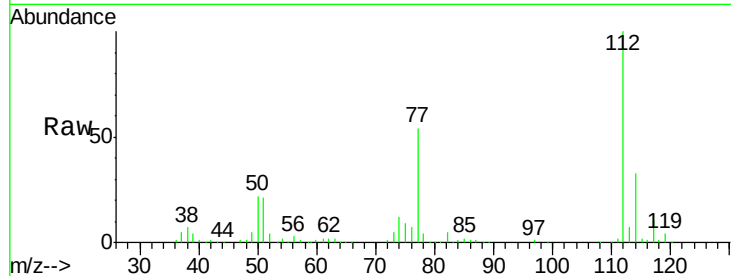
VX0315WBSD01

Tgt Ion:112 Resp: 75774

Ion Ratio Lower Upper

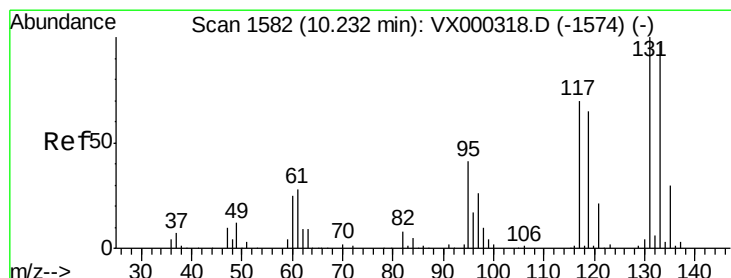
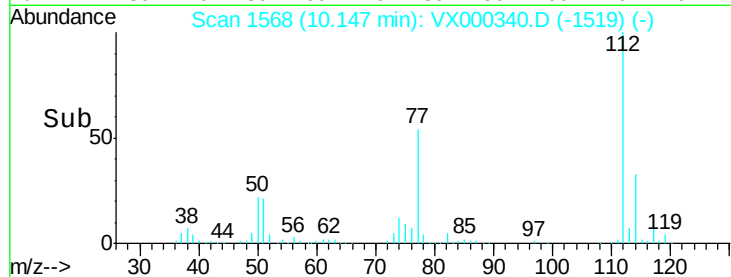
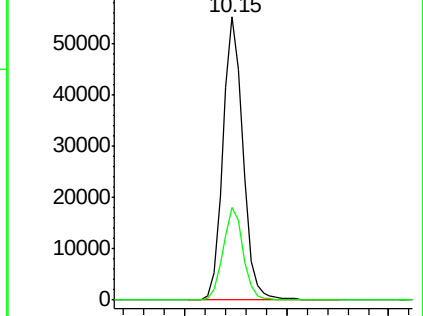
112 100

114 32.5 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.74 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

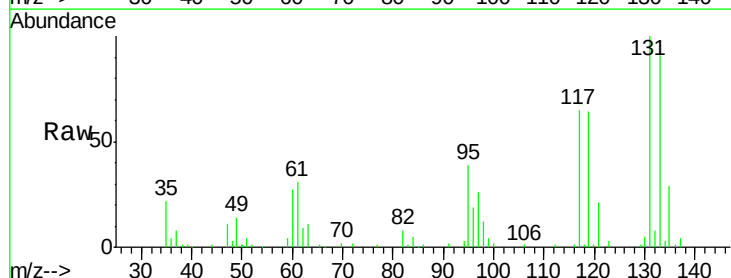
Tgt Ion:131 Resp: 26681

Ion Ratio Lower Upper

131 100

133 96.0 47.1 141.3

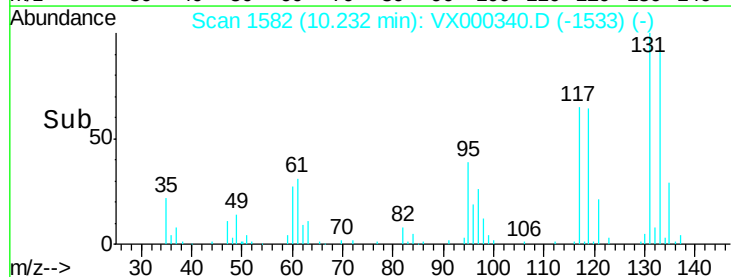
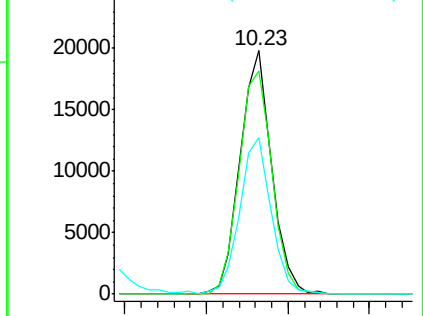
119 64.5 33.1 99.2

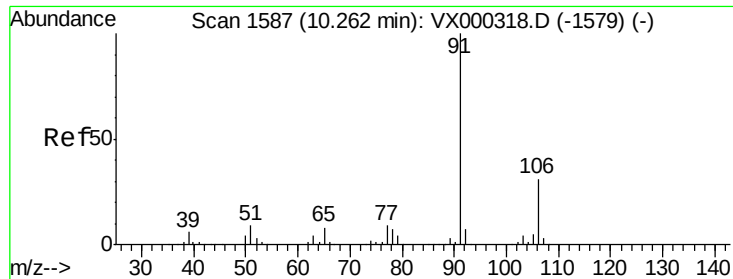


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.85 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

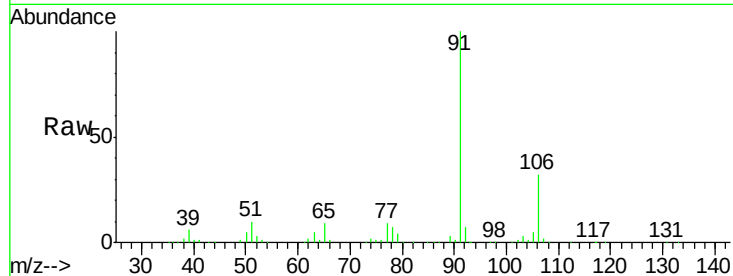
VX0315WBSD01

Tgt Ion: 91 Resp: 129207

Ion Ratio Lower Upper

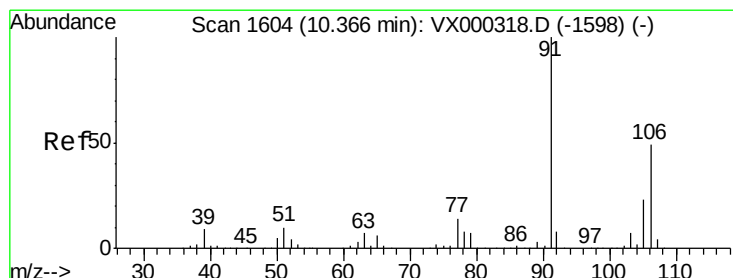
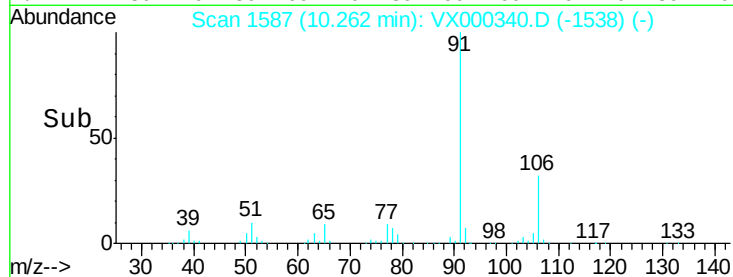
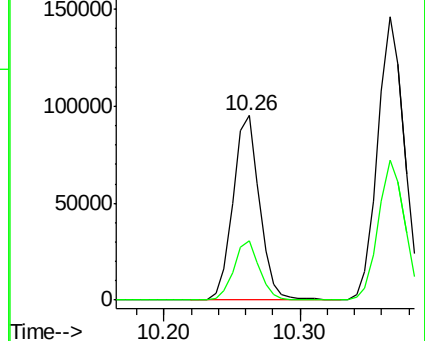
91 100

106 32.1 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 36.86 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX000340.D

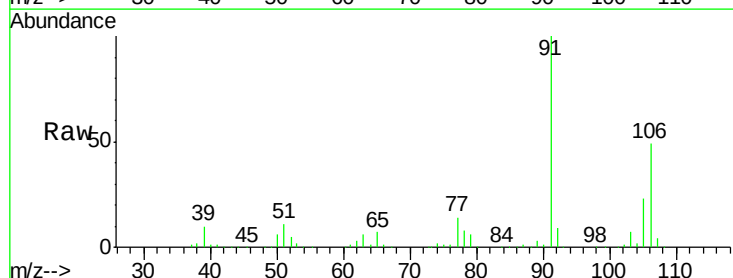
Acq: 15 Mar 2018 20:09

Tgt Ion: 106 Resp: 98427

Ion Ratio Lower Upper

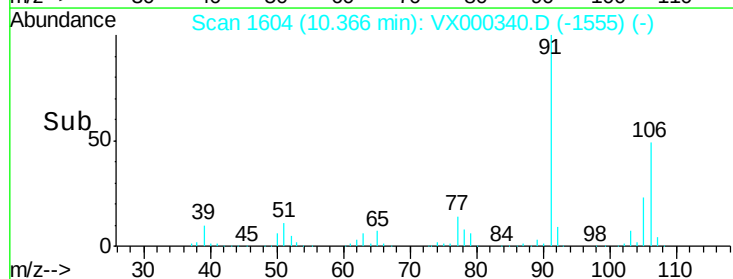
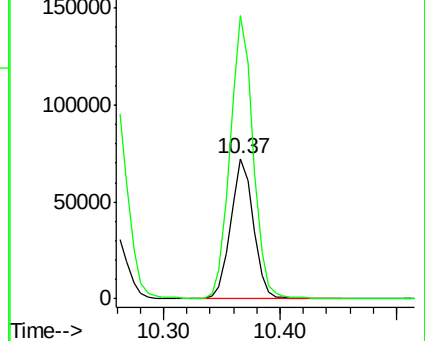
106 100

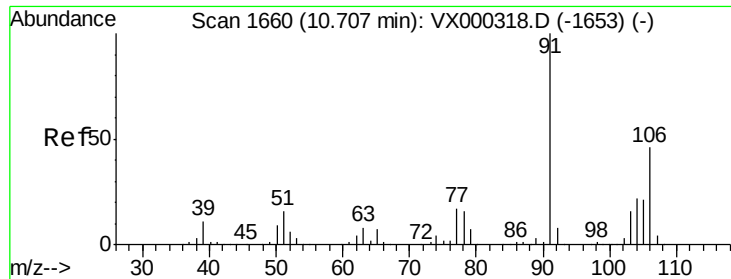
91 202.2 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

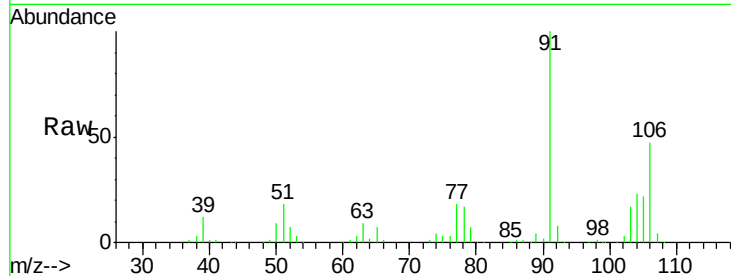




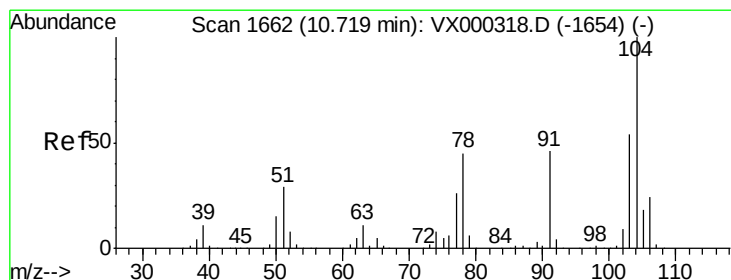
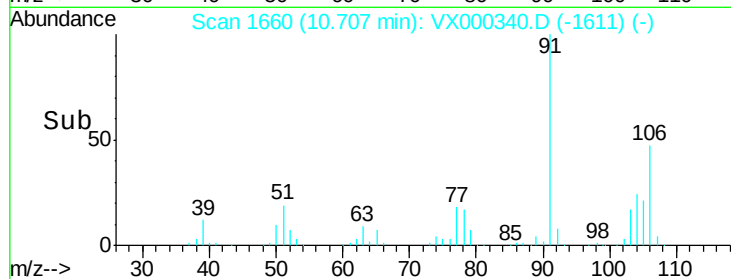
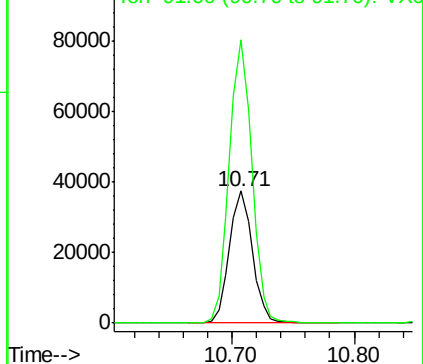
#69
o-Xylene
Concen: 18.85 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

Tgt Ion:106 Resp: 48893
Ion Ratio Lower Upper
106 100
91 211.5 106.5 319.6

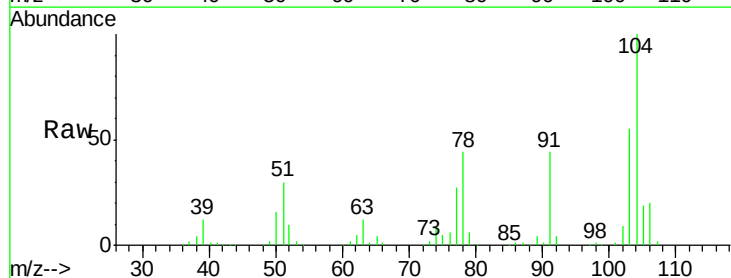


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

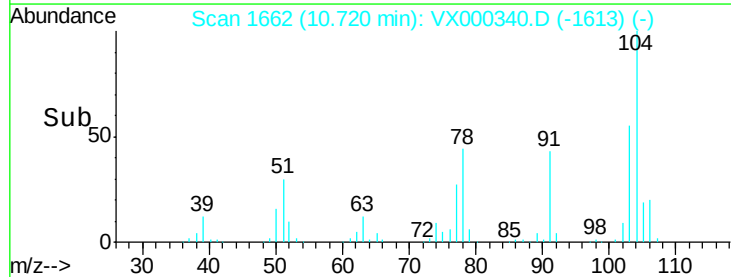
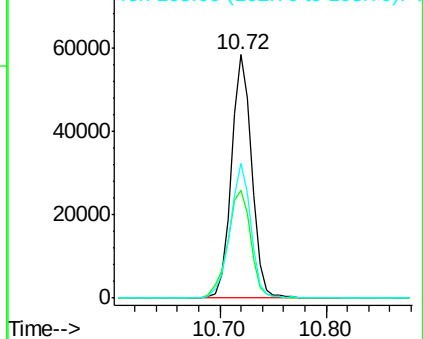


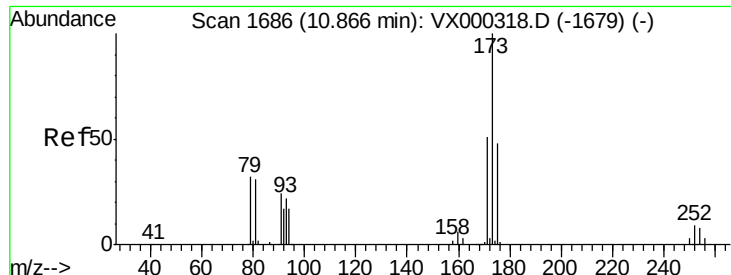
#70
Styrene
Concen: 18.17 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion:104 Resp: 78206
Ion Ratio Lower Upper
104 100
78 50.7 40.5 60.7
103 57.3 45.7 68.5



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





#71

Bromoform

Concen: 18.72 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

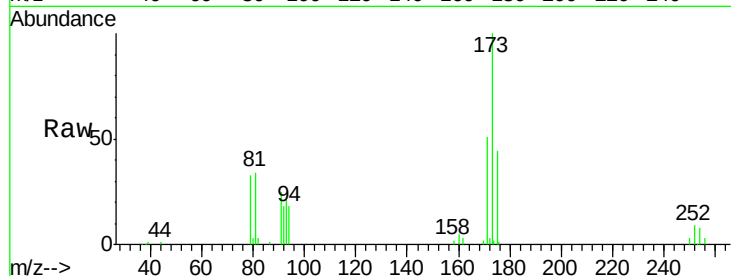
Tgt Ion:173 Resp: 21783

Ion Ratio Lower Upper

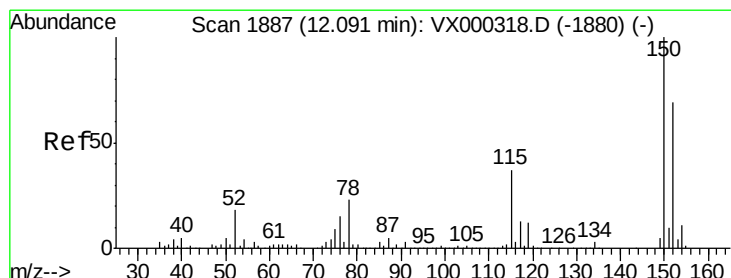
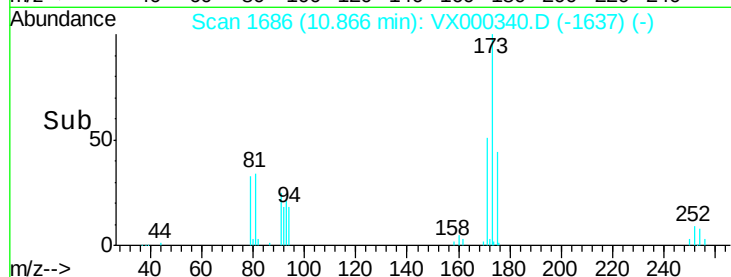
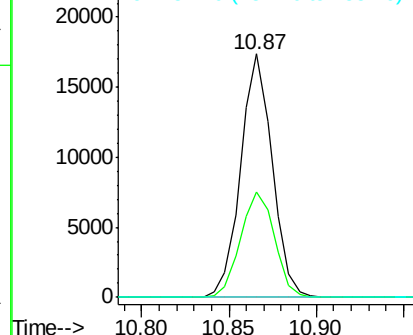
173 100

175 46.7 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# 1886

Delta R.T. -0.01 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

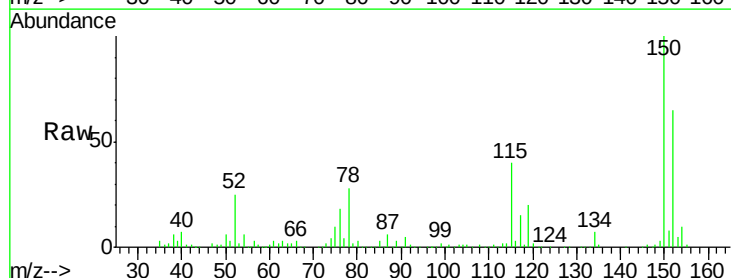
Tgt Ion:152 Resp: 108723

Ion Ratio Lower Upper

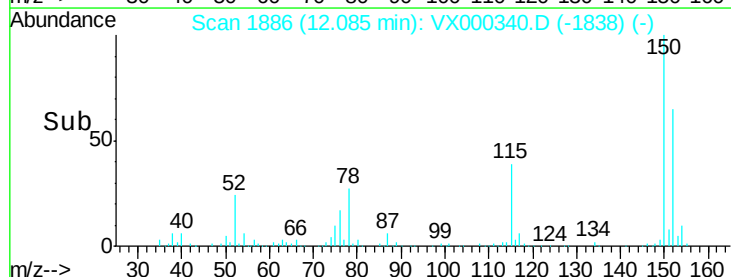
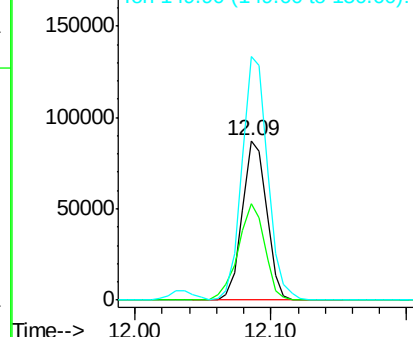
152 100

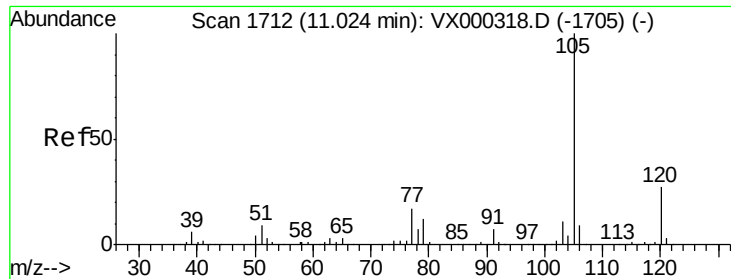
115 66.4 39.8 119.3

150 161.1 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: 20.38 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

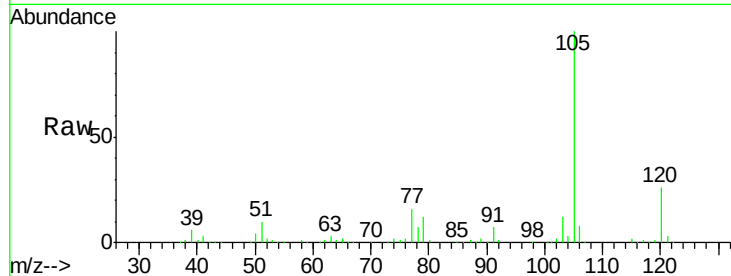
VX0315WBSD01

Tgt Ion: 105 Resp: 133435

Ion Ratio Lower Upper

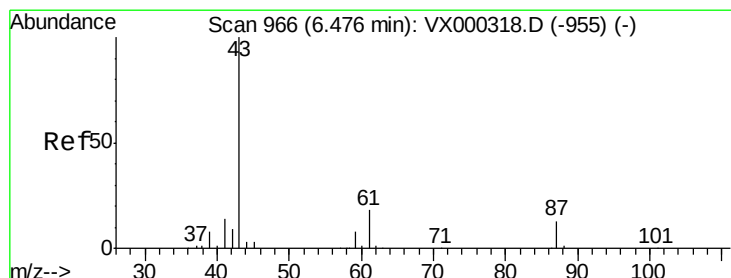
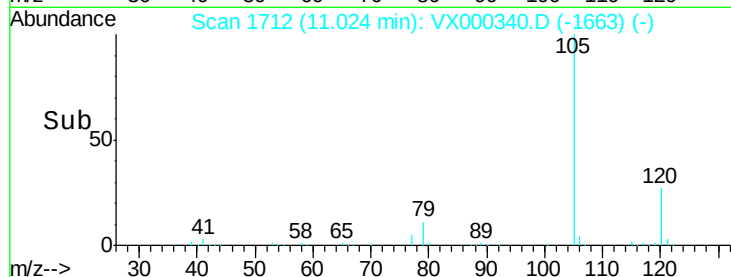
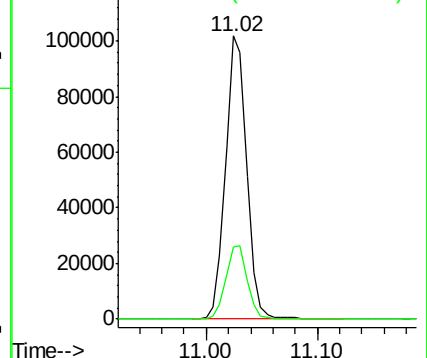
105 100

120 26.4 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.75 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Tgt Ion: 43 Resp: 68183

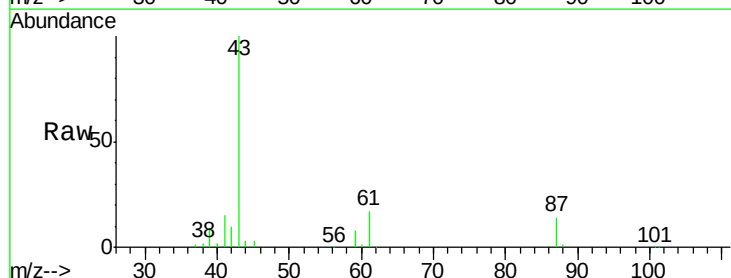
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 18.1 14.4 21.6

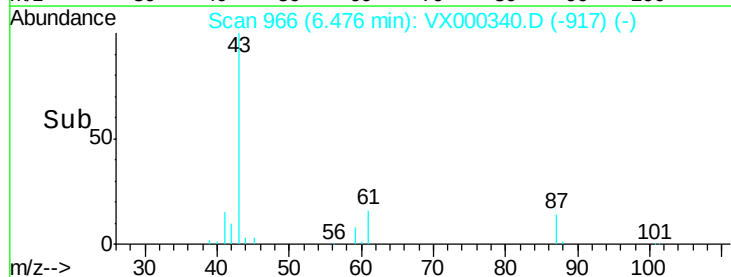
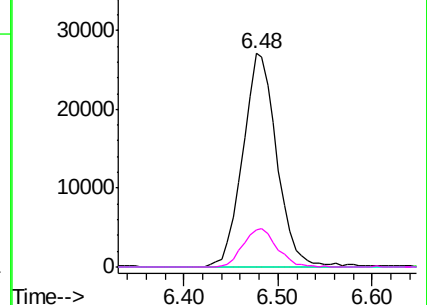


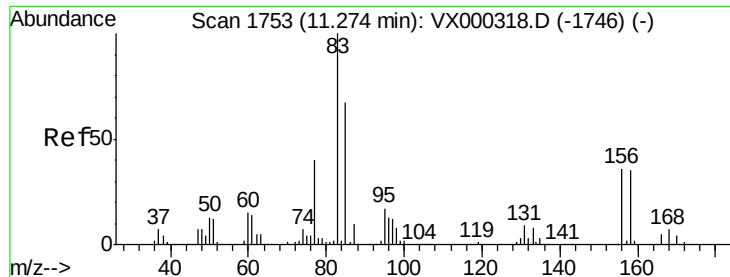
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.17 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

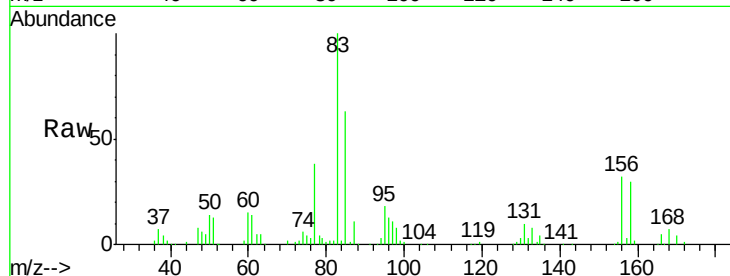
Tgt Ion: 83 Resp: 49359

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

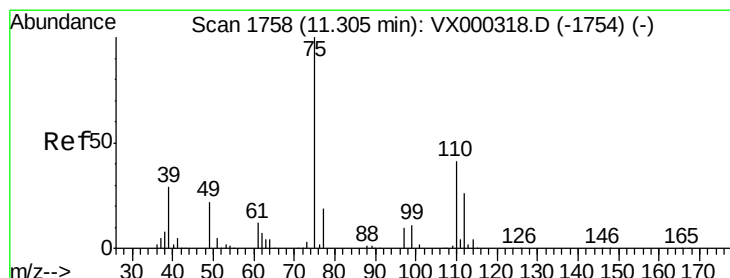
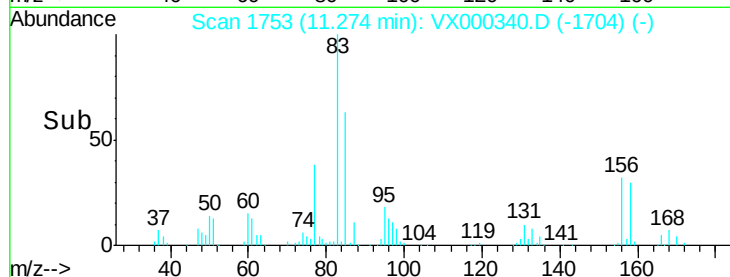
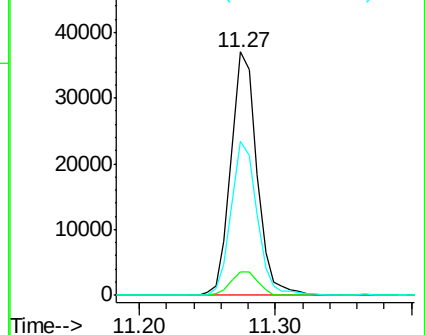
85 63.2 32.5 97.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.30 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX000340.D

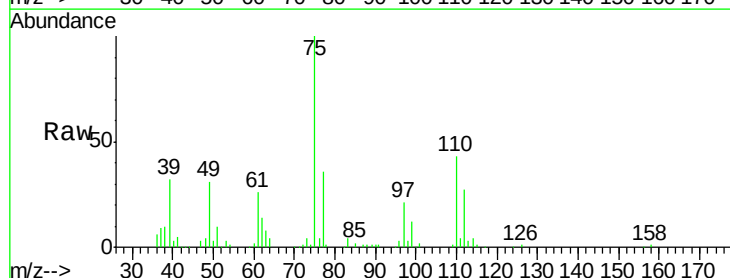
Acq: 15 Mar 2018 20:09

Tgt Ion: 75 Resp: 55472

Ion Ratio Lower Upper

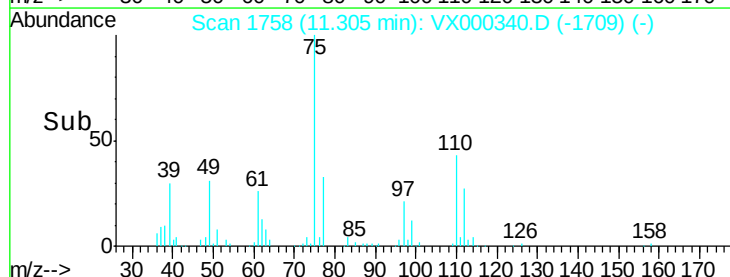
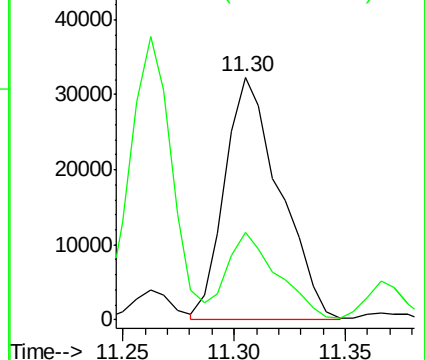
75 100

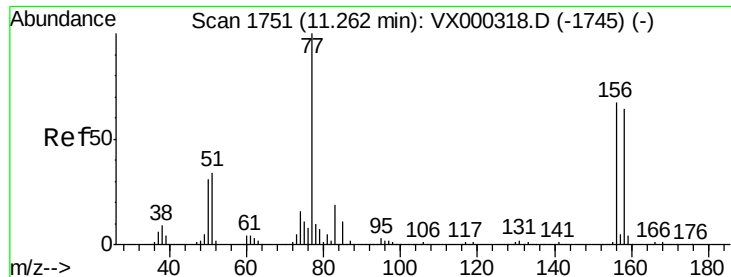
77 33.4 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.69 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

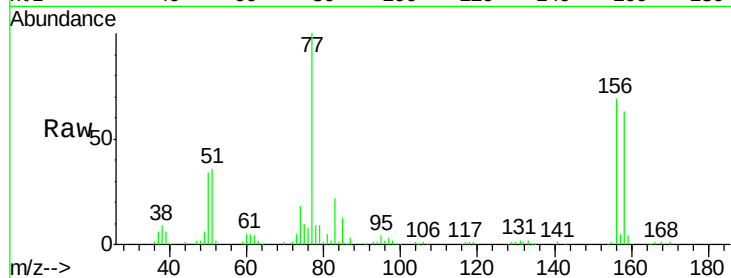
Tgt Ion:156 Resp: 33837

Ion Ratio Lower Upper

156 100

77 145.8 73.4 220.2

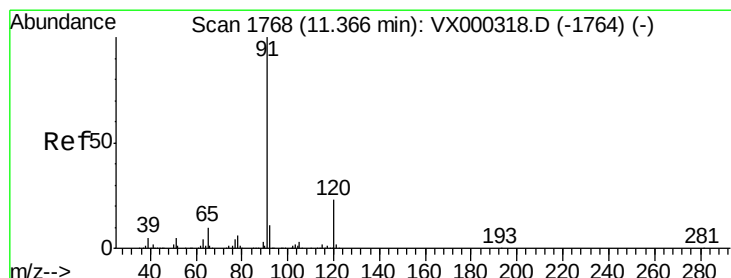
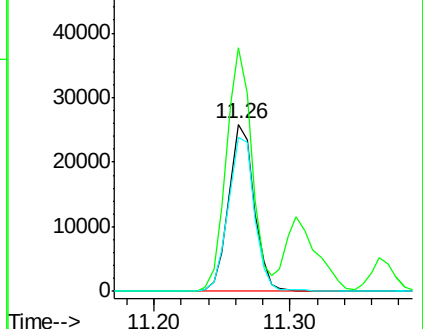
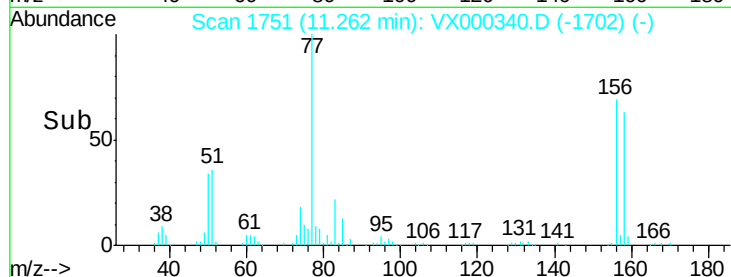
158 94.8 48.5 145.6



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: 19.67 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX000340.D

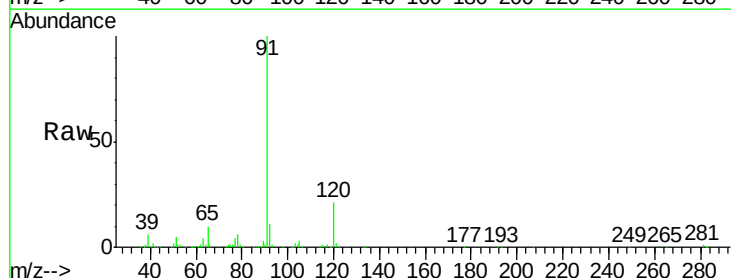
Acq: 15 Mar 2018 20:09

Tgt Ion: 91 Resp: 155317

Ion Ratio Lower Upper

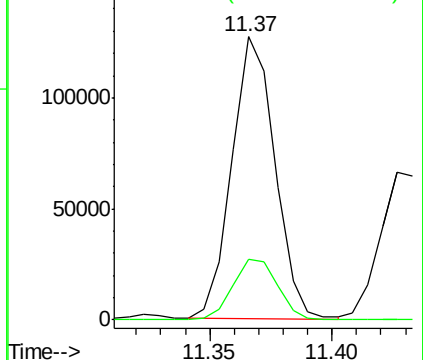
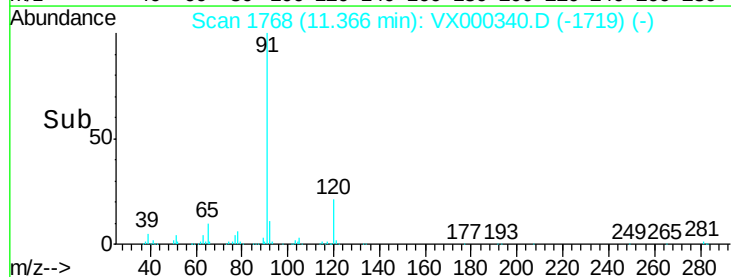
91 100

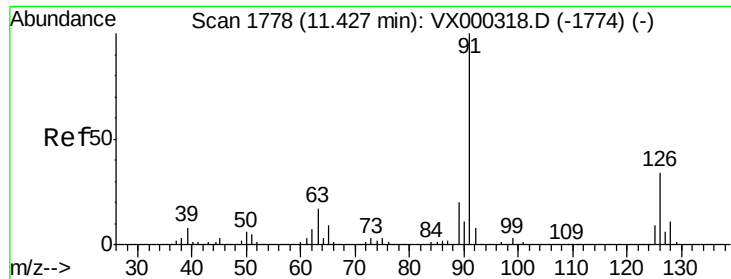
120 22.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

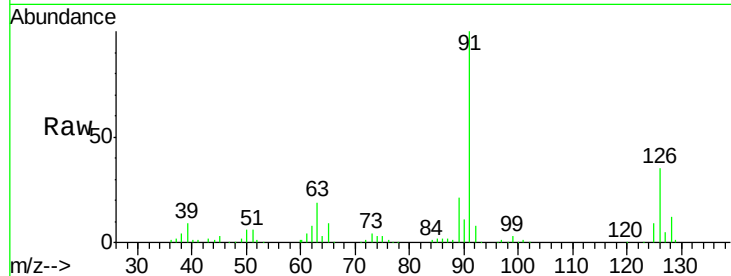




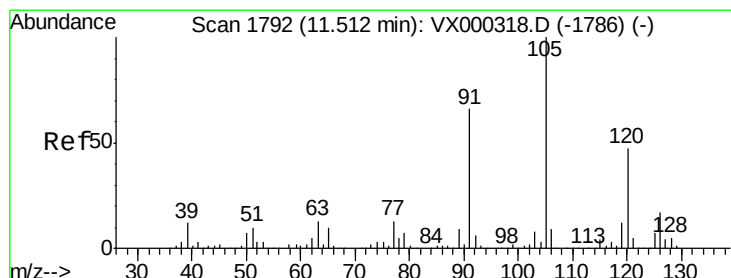
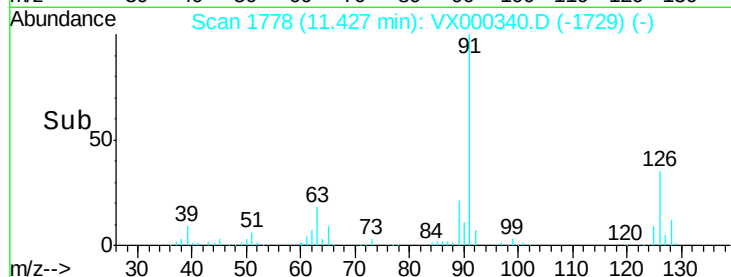
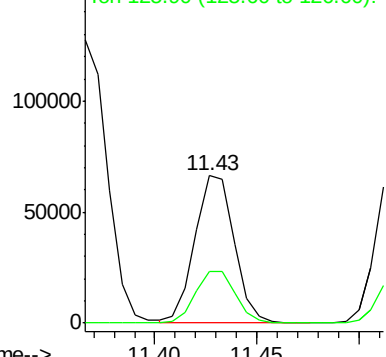
#79
 2-Chlorotoluene
 Concen: 19.65 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

Tgt Ion: 91 Resp: 88027
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.7 53.1

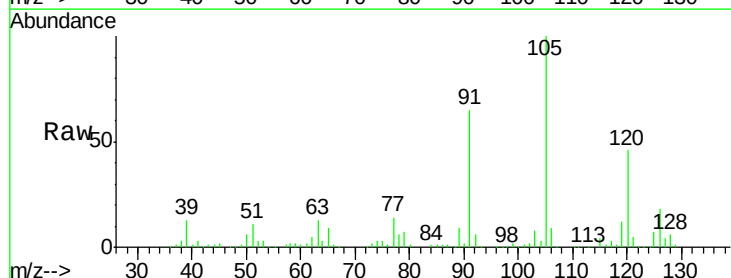


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

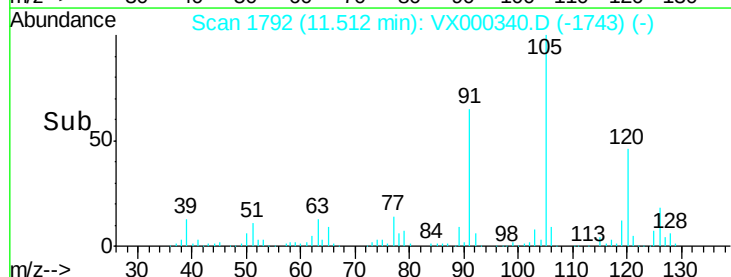
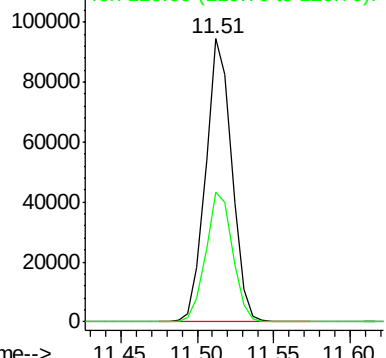


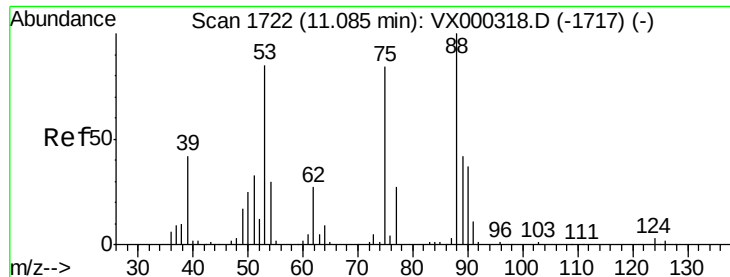
#80
 1,3,5-Trimethylbenzene
 Concen: 20.05 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Tgt Ion: 105 Resp: 111854
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.27 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

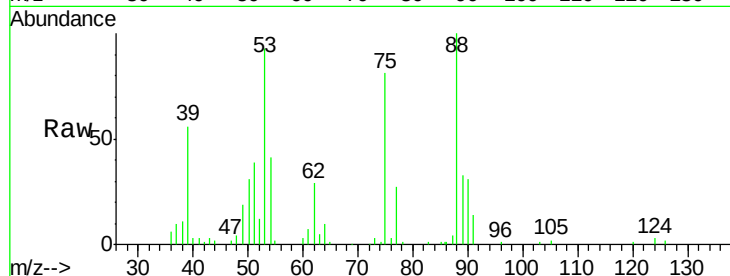
Tgt Ion: 75 Resp: 11983

Ion Ratio Lower Upper

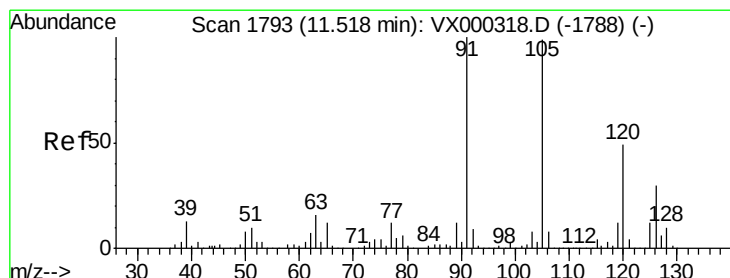
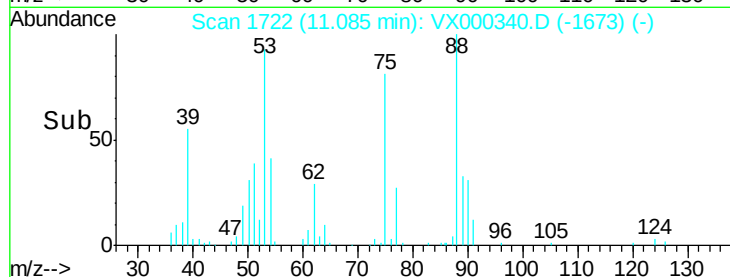
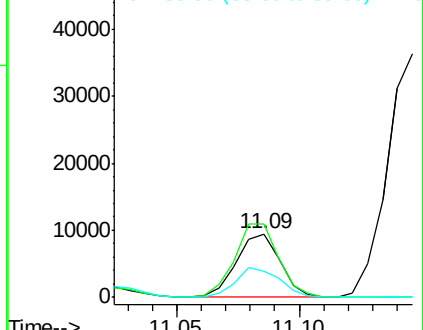
75 100

53 115.3 80.7 121.1

89 47.4 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: 19.38 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000340.D

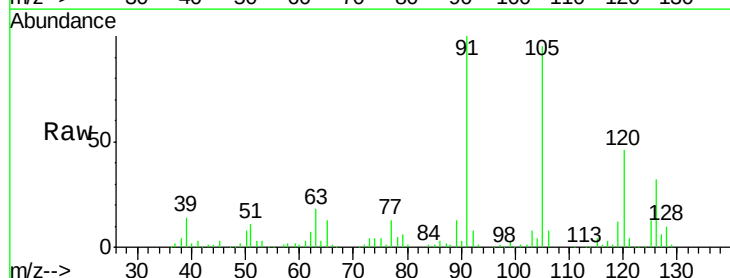
Acq: 15 Mar 2018 20:09

Tgt Ion: 91 Resp: 106748

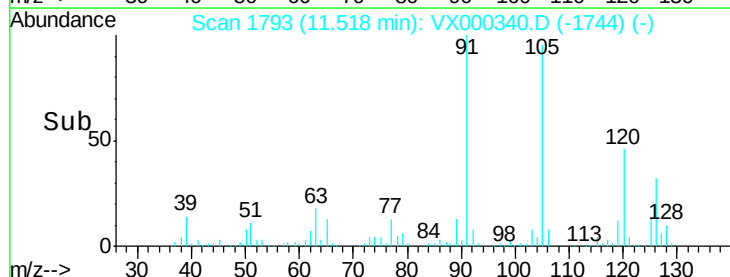
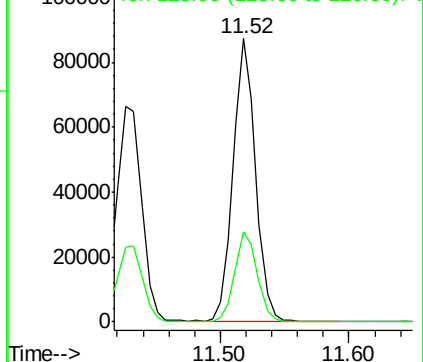
Ion Ratio Lower Upper

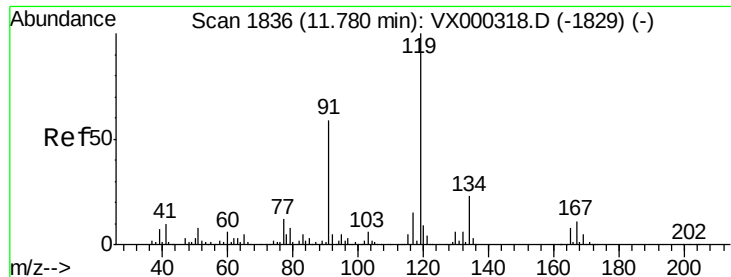
91 100

126 31.9 15.4 46.1



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

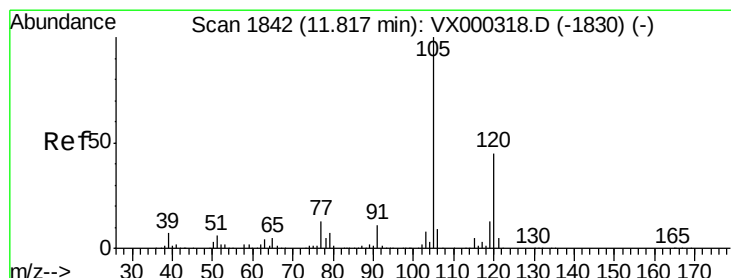
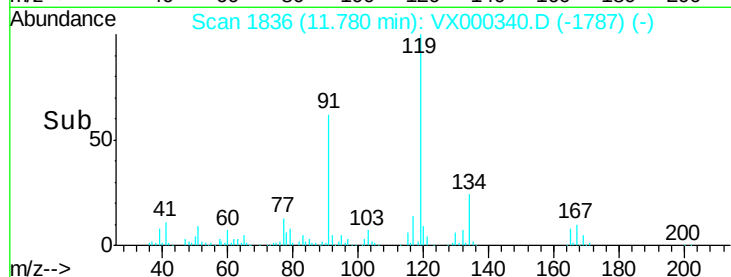
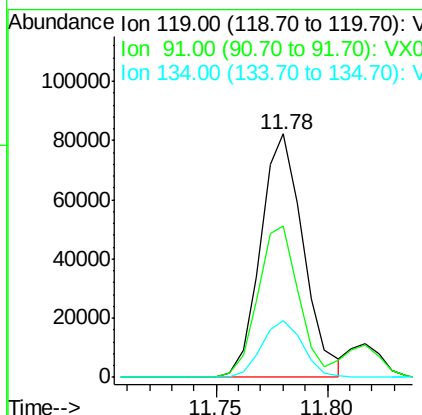
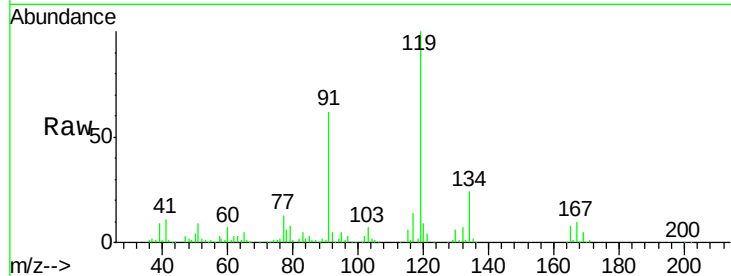




#83
 tert-Butylbenzene
 Concen: 20.15 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

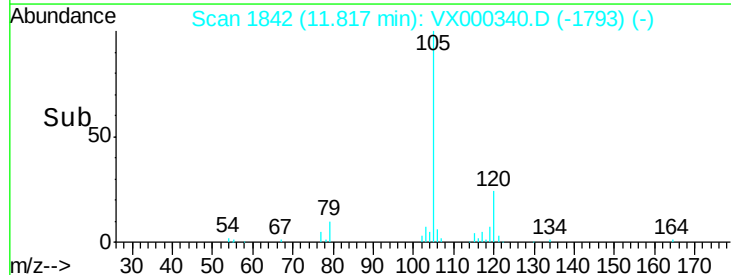
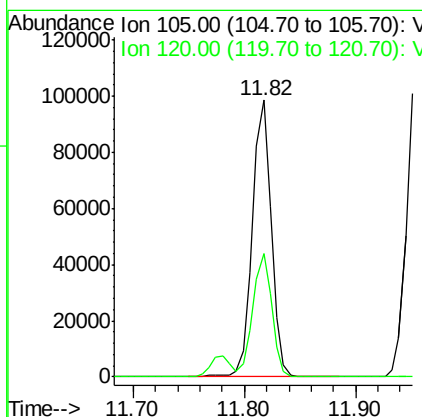
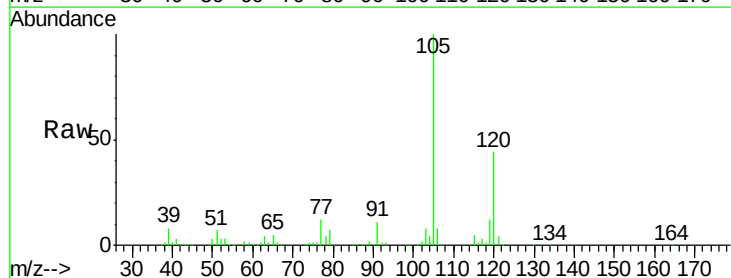
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

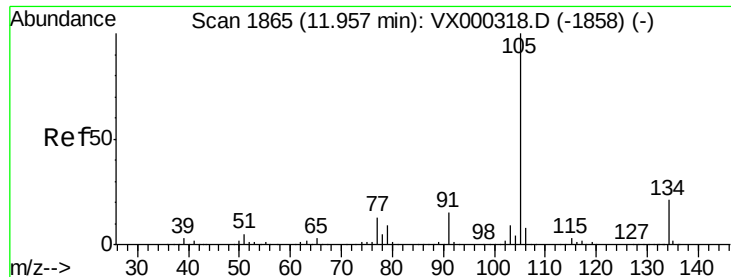
Tgt Ion:119 Resp: 109650
 Ion Ratio Lower Upper
 119 100
 91 59.5 28.8 86.4
 134 22.6 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.37 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Tgt Ion:105 Resp: 116842
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 20.09 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

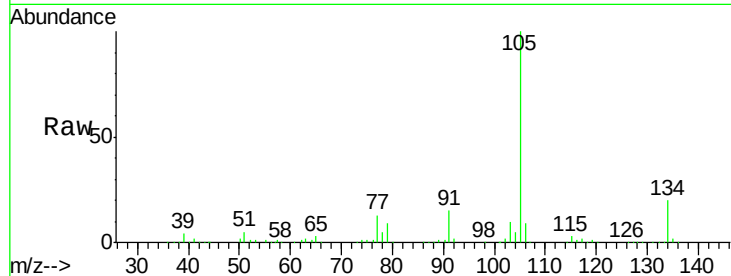
VX0315WBSD01

Tgt Ion:105 Resp: 136858

Ion Ratio Lower Upper

105 100

134 19.8 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.96

120000

100000

80000

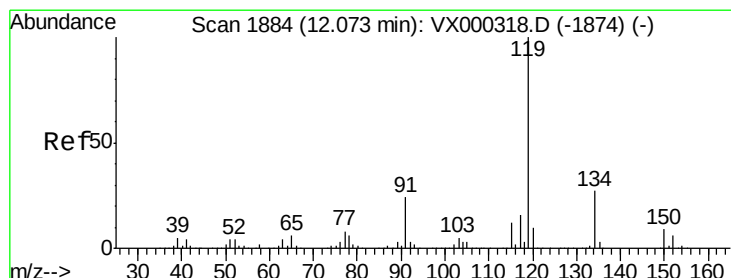
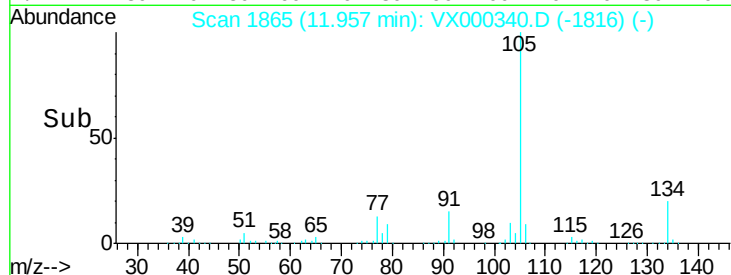
60000

40000

20000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.61 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

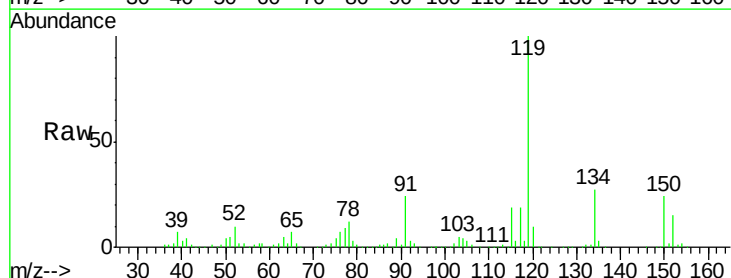
Tgt Ion:119 Resp: 118923

Ion Ratio Lower Upper

119 100

134 27.6 13.3 39.9

91 24.8 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

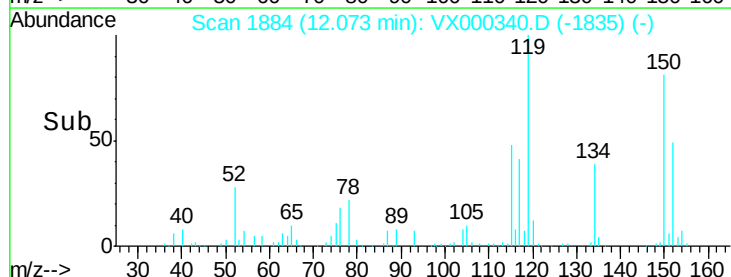
12.07

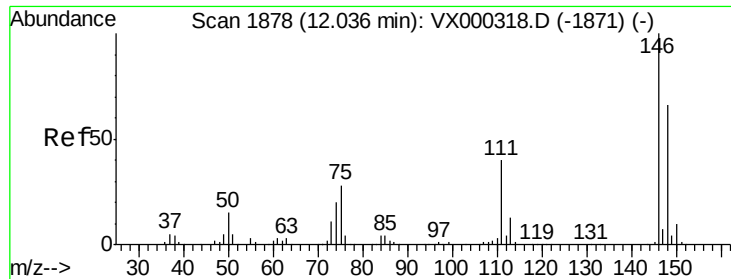
100000

50000

0

Time-->

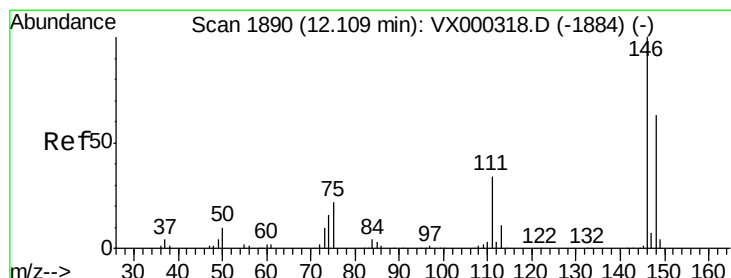
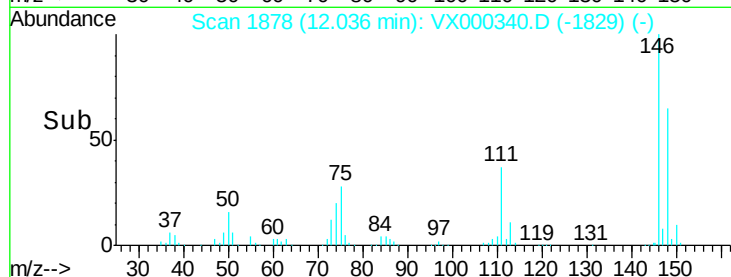
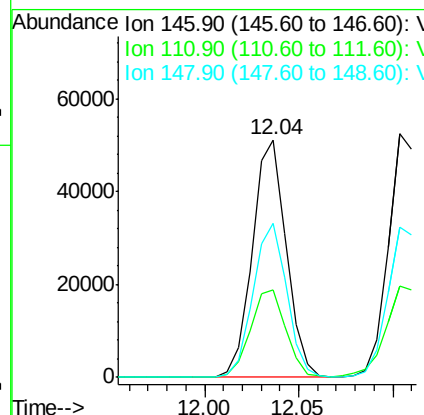
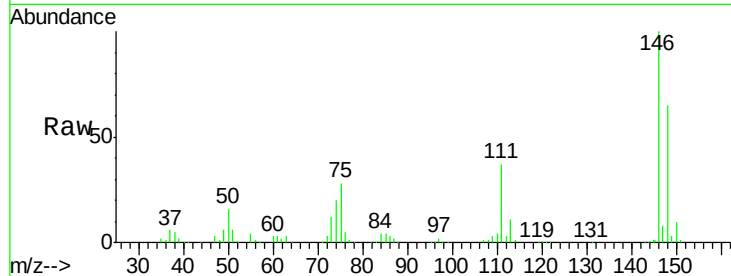




#87
 1,3-Dichlorobenzene
 Concen: 18.89 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

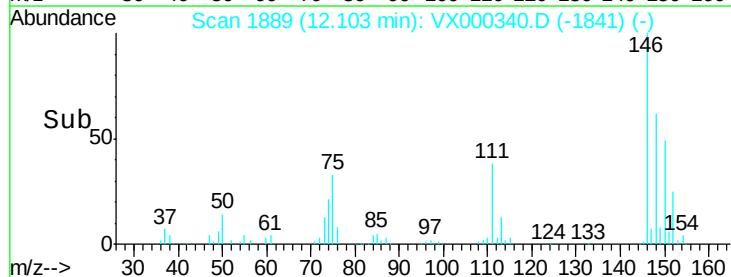
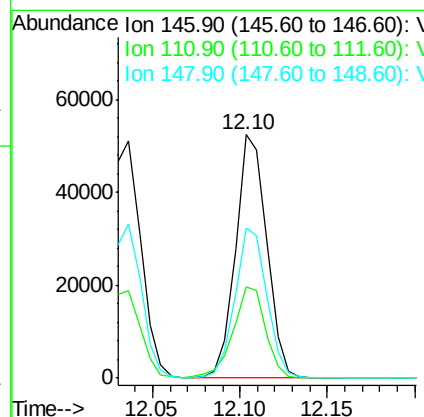
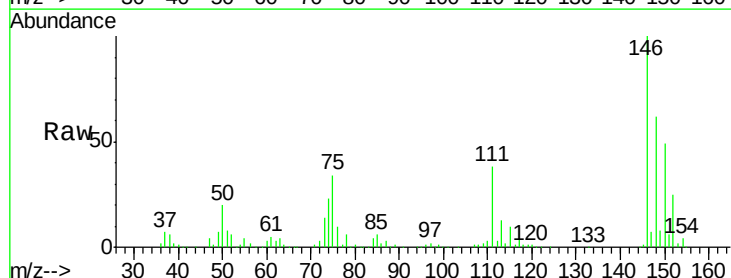
Instrument :
 MSVOA_X
 ClientSampled :
 VX0315WBSD01

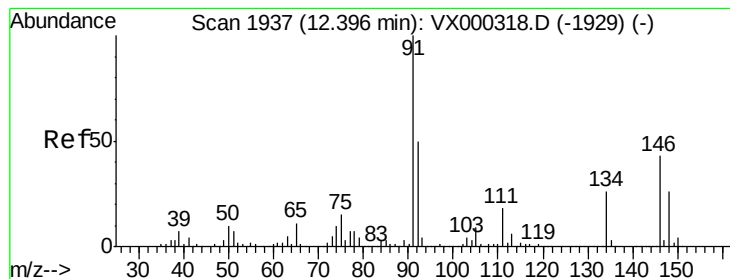
Tgt Ion:146 Resp: 63728
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.5 58.5
 148 64.5 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 18.57 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Tgt Ion:146 Resp: 65083
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.9 56.9
 148 63.3 31.0 93.0





#89

n-Butylbenzene

Concen: 18.67 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX000340.D

Acq: 15 Mar 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD01

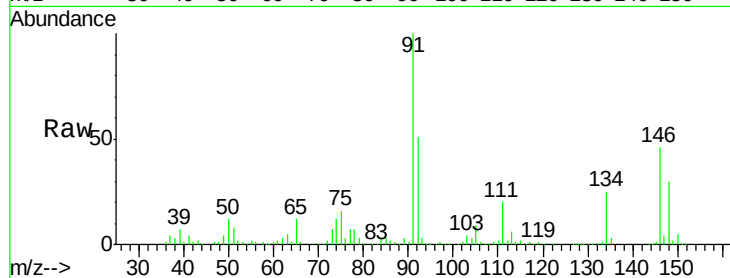
Tgt Ion: 91 Resp: 110059

Ion Ratio Lower Upper

91 100

92 50.3 25.9 77.8

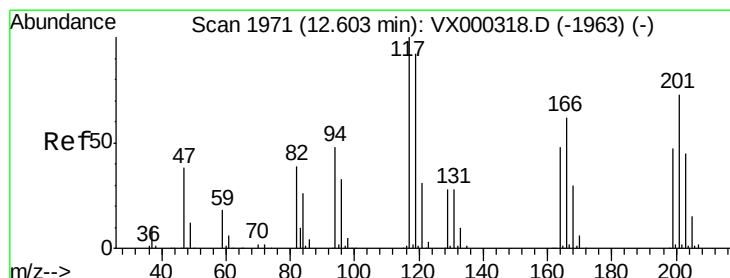
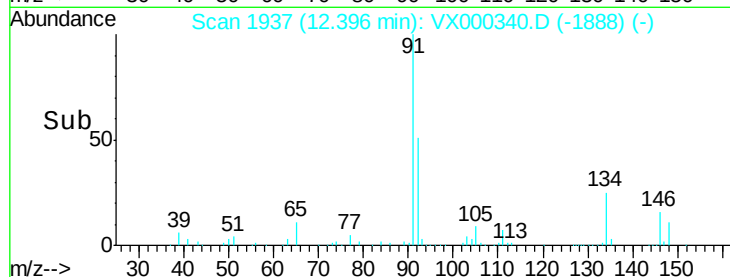
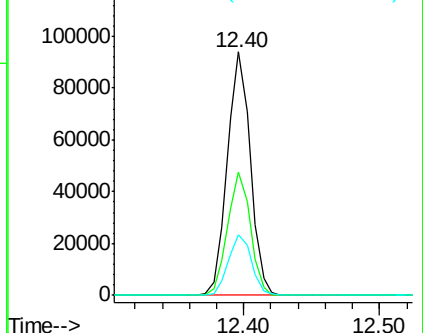
134 25.0 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 19.49 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX000340.D

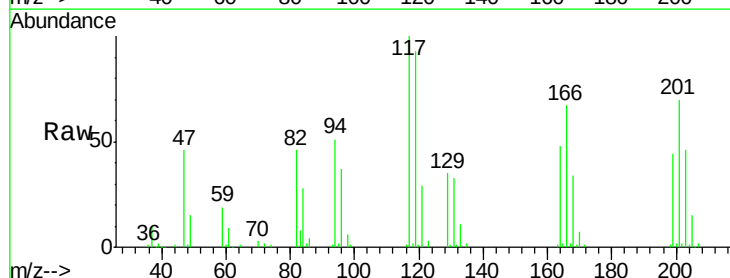
Acq: 15 Mar 2018 20:09

Tgt Ion: 117 Resp: 18957

Ion Ratio Lower Upper

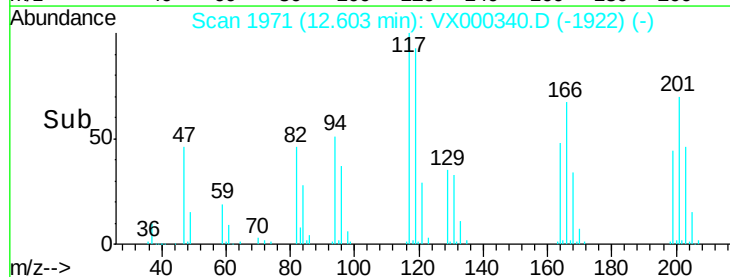
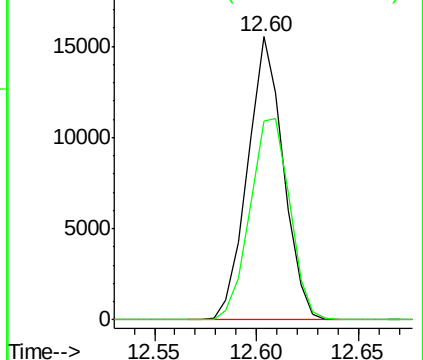
117 100

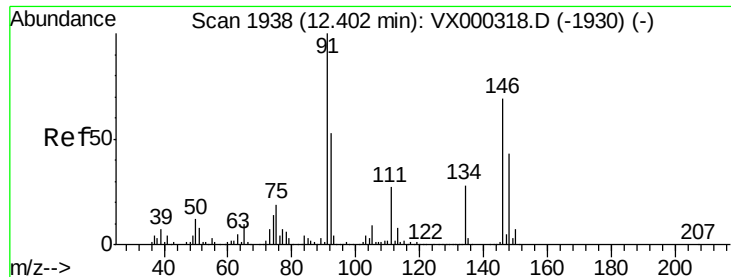
201 79.2 37.9 113.6



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

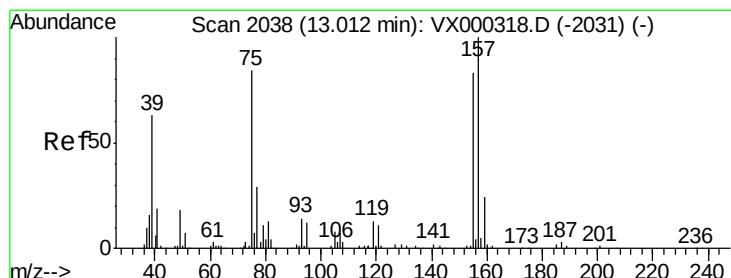
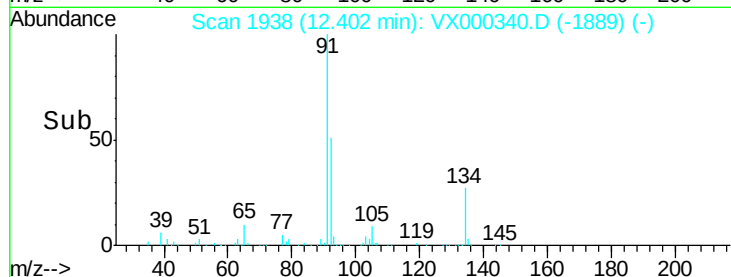
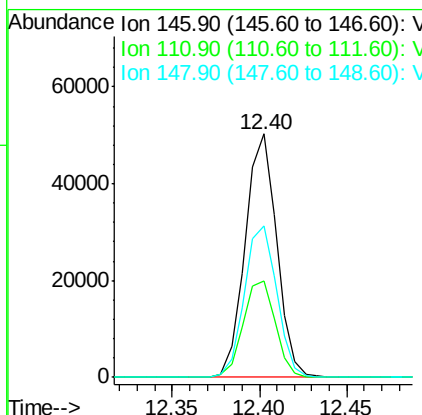
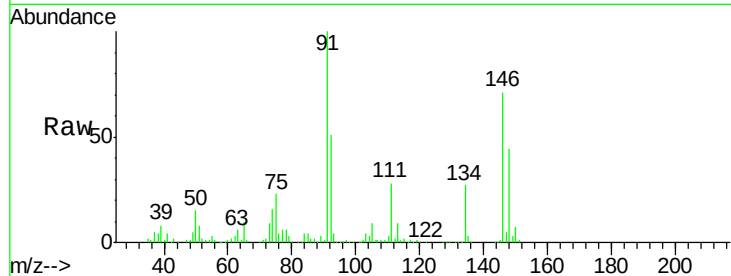




#91
1,2-Dichlorobenzene
Concen: 19.41 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

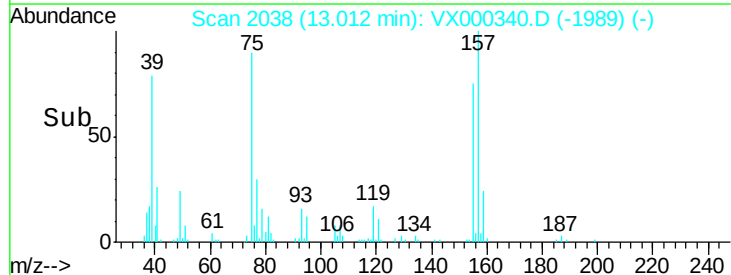
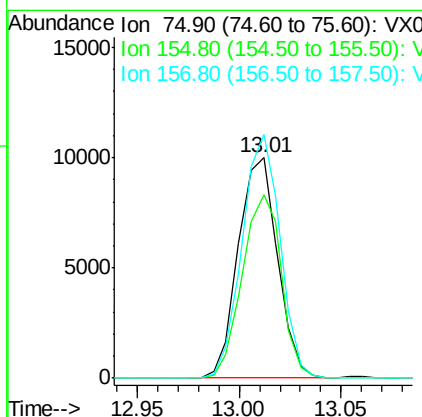
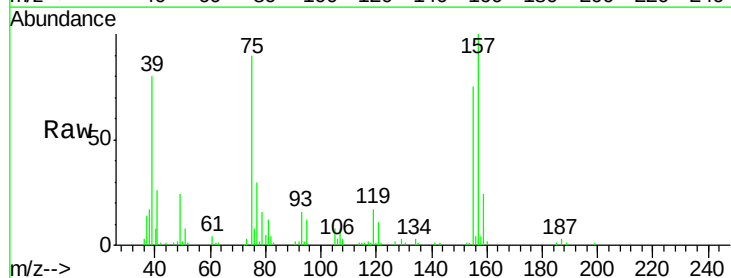
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

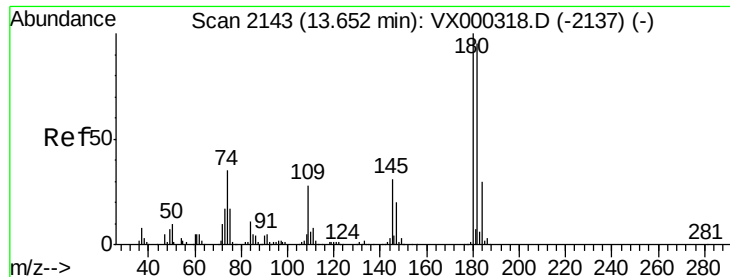
Tgt Ion:146 Resp: 63424
Ion Ratio Lower Upper
146 100
111 40.3 20.1 60.2
148 63.8 31.2 93.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.19 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion: 75 Resp: 13372
Ion Ratio Lower Upper
75 100
155 82.4 45.0 134.8
157 106.7 58.1 174.2

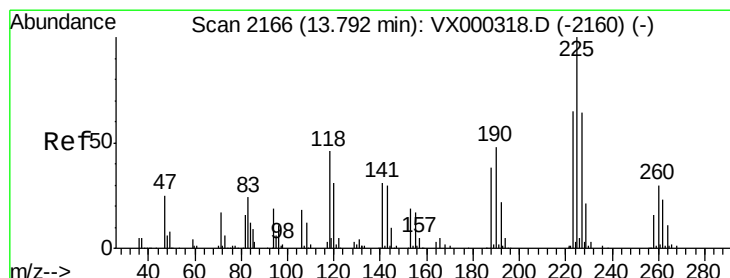
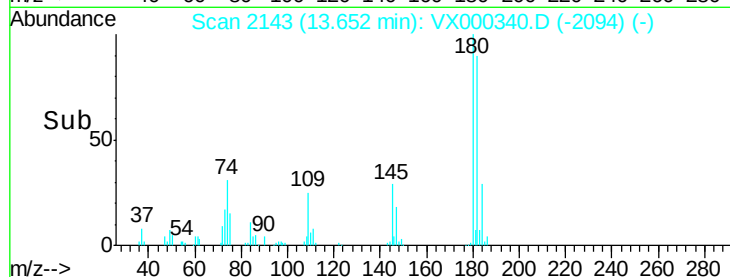
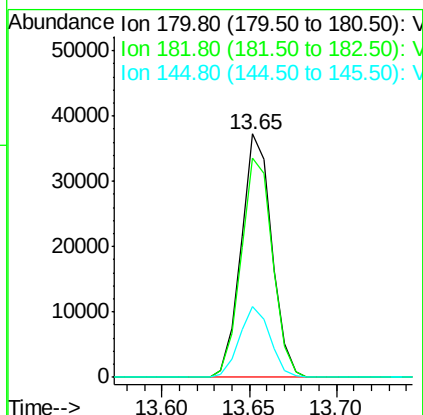
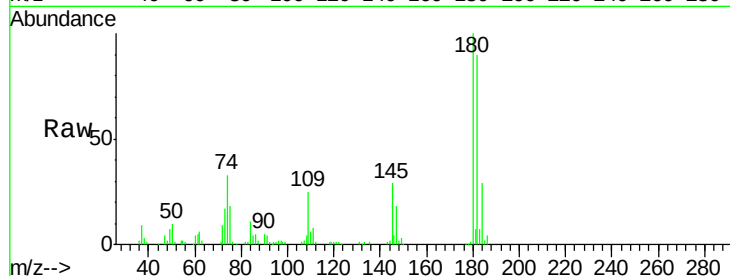




#93
 1,2,4-Trichlorobenzene
 Concen: 19.19 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

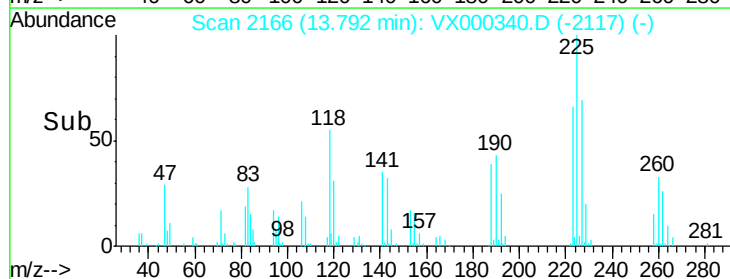
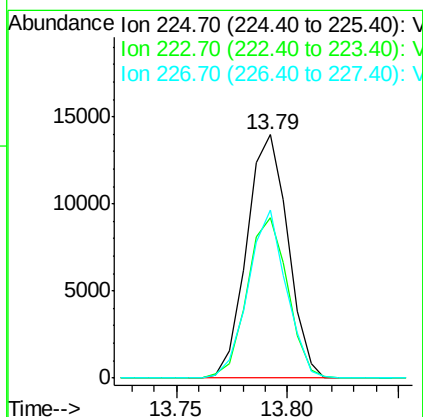
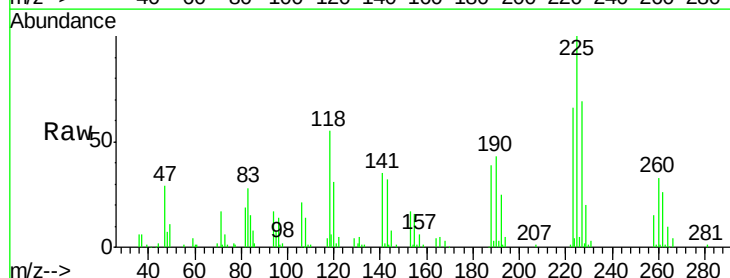
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

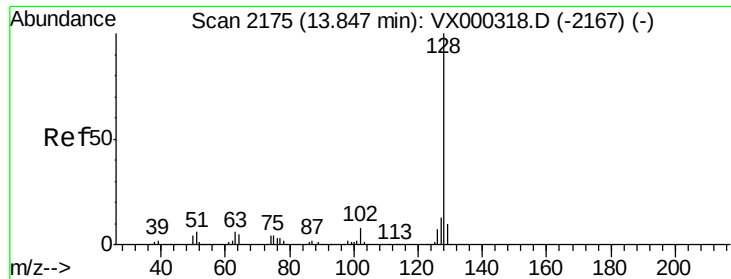
Tgt Ion:180 Resp: 45165
 Ion Ratio Lower Upper
 180 100
 182 92.4 47.6 142.9
 145 29.1 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 19.38 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000340.D
 Acq: 15 Mar 2018 20:09

Tgt Ion:225 Resp: 17989
 Ion Ratio Lower Upper
 225 100
 223 64.9 32.0 96.0
 227 64.3 32.6 98.0

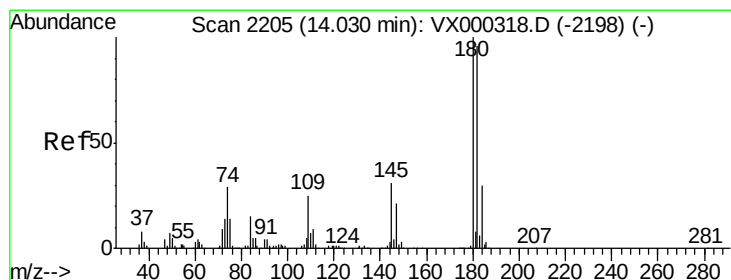
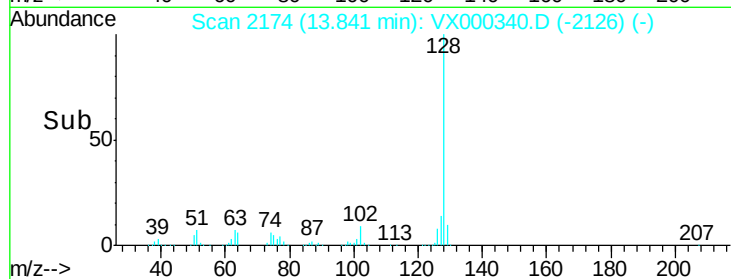
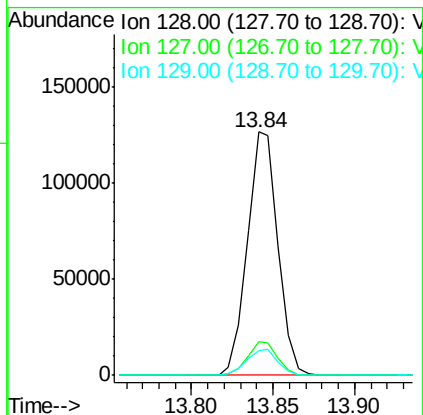
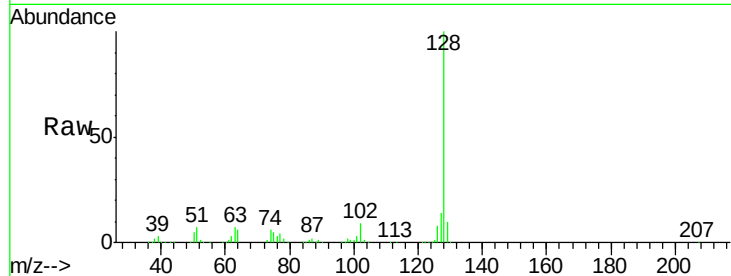




#95
Naphthalene
Concen: 20.15 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD01

Tgt Ion:128 Resp: 164567
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.19 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX000340.D
Acq: 15 Mar 2018 20:09

Tgt Ion:180 Resp: 45611
Ion Ratio Lower Upper
180 100
182 94.1 47.4 142.3
145 31.0 15.8 47.3

