

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003260.D
 Acq On : 09 Jul 2018 22:44
 Operator : JC/MD
 Sample : J3762-08 LOO 10PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Quant Time: Jul 10 01:04:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	309480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203537	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	193026	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
35) Dibromofluoromethane	5.51	113	160535	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	8.72	98	590568	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.14	95	220604	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	32892	8.91	ug/l	100
3) Chloromethane	1.32	50	32395	9.65	ug/l	99
4) Vinyl Chloride	1.40	62	34209	9.93	ug/l	99
5) Bromomethane	1.64	94	15109	13.74	ug/l	98
6) Chloroethane	1.72	64	20663	10.83	ug/l	99
7) Trichlorofluoromethane	1.92	101	52168	10.19	ug/l	99
8) Diethyl Ether	2.19	74	19360	10.46	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	29543	9.86	ug/l	97
10) Methyl Iodide	2.51	142	25305	12.43	ug/l	97
11) Tert butyl alcohol	3.09	59	38972	56.26	ug/l	97
12) 1,1-Dichloroethene	2.37	96	27358	10.03	ug/l	89
13) Acrolein	2.29	56	30768	55.12	ug/l	97
14) Allyl chloride	2.73	41	51008	10.09	ug/l	93
15) Acrylonitrile	3.15	53	82358	53.25	ug/l	99
16) Acetone	2.45	43	74496	54.92	ug/l	95
17) Carbon Disulfide	2.57	76	71514	9.43	ug/l	100
18) Methyl Acetate	2.78	43	38934	10.17	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	95530	10.48	ug/l	100
20) Methylene Chloride	2.86	84	30954	10.58	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	29820	10.25	ug/l	96
22) Diisopropyl ether	3.88	45	101882	9.91	ug/l	98
23) Vinyl Acetate	3.83	43	427613	48.99	ug/l	98
24) 1,1-Dichloroethane	3.70	63	54521	10.19	ug/l	100
25) 2-Butanone	4.71	43	125733	52.39	ug/l	100
26) 2,2-Dichloropropane	4.59	77	33967	7.26	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	35102	9.82	ug/l	90
29) Tetrahydrofuran	5.17	42	80467	51.65	ug/l	95
30) Chloroform	5.22	83	59652	10.13	ug/l	98
31) Cyclohexane	5.57	56	49932	9.97	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	51958	10.01	ug/l	99
36) 1,1-Dichloropropene	5.80	75	42000	9.59	ug/l	96
37) Ethyl Acetate	4.87	43	47705	9.93	ug/l	95
38) Carbon Tetrachloride	5.78	117	46536	9.71	ug/l	97
39) Methylcyclohexane	7.46	83	47641	9.23	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	131048	10.09	ug/l	99
41) Methacrylonitrile	5.07	41	26523	10.09	ug/l	97
42) 1,2-Dichloroethane	6.20	62	48575	10.01	ug/l	97
43) Isopropyl Acetate	6.47	43	73072	9.69	ug/l	97
44) Trichloroethene	7.21	130	38842	10.12	ug/l	95
45) 1,2-Dichloropropane	7.52	63	32964	9.77	ug/l	99
46) Dibromomethane	7.67	93	22924	9.96	ug/l	95
47) Bromodichloromethane	7.90	83	40259	9.48	ug/l #	99
48) Methyl methacrylate	7.78	41	36472	9.43	ug/l	95
49) 1,4-Dioxane	7.76	88	16596	205.20	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	232791	49.58	ug/l	97
52) Toluene	8.79	92	83563	10.18	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	43481	8.70	ug/l	96
54) cis-1,3-Dichloropropene	9.04	75	40388	8.88	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	34435	10.11	ug/l	96
56) Ethyl methacrylate	9.18	69	45389	9.73	ug/l	91
57) 1,3-Dichloropropane	9.38	76	55242	10.07	ug/l	99
59) 2-Hexanone	9.50	43	181267	50.83	ug/l	95
60) Dibromochloromethane	9.59	129	33313	9.37	ug/l	99
61) 1,2-Dibromoethane	9.68	107	36079	10.11	ug/l	100
64) Tetrachloroethene	9.34	164	45781	10.40	ug/l	98
65) Chlorobenzene	10.14	112	97728	9.88	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	35625	9.98	ug/l	99
67) Ethyl Benzene	10.26	91	156340	9.77	ug/l	99
68) m/p-Xylenes	10.36	106	123896	19.90	ug/l	96
69) o-Xylene	10.70	106	59254	9.83	ug/l	95
70) Styrene	10.71	104	95143	9.73	ug/l	98
71) Bromoform	10.86	173	26847	9.14	ug/l #	98
73) Isopropylbenzene	11.02	105	163435	10.17	ug/l	99
74) N-amyl acetate	6.47	43	73072	9.53	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	49485	9.93	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	52502	11.94	ug/l	82
77) Bromobenzene	11.26	156	47519	10.24	ug/l	94
78) n-propylbenzene	11.37	91	178048	9.97	ug/l	98
79) 2-Chlorotoluene	11.42	91	109112	10.02	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	134609	10.06	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	10092	7.50	ug/l	91
82) 4-Chlorotoluene	11.51	91	126958	9.99	ug/l	98
83) tert-Butylbenzene	11.77	119	131699	9.85	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	136689	9.98	ug/l	98
85) sec-Butylbenzene	11.95	105	155698	9.86	ug/l	98
86) p-Isopropyltoluene	12.07	119	139460	9.69	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	83907	9.86	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	85073	9.87	ug/l	99
89) n-Butylbenzene	12.39	91	108338	9.01	ug/l	99
90) Hexachloroethane	12.60	117	18639	8.48	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	84178	9.85	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	9660	9.03	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	56218	9.04	ug/l	100
94) Hexachlorobutadiene	13.79	225	28511	9.21	ug/l	96

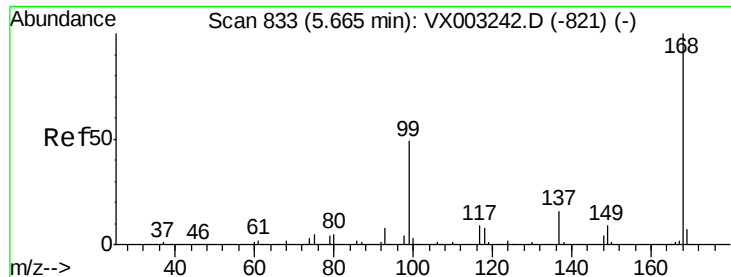
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	152296	9.36	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	61227	9.87	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

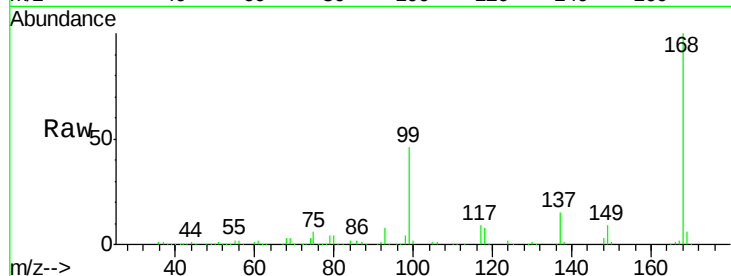
LOQ-WATER-02-QT3-2018

Tot Ion:168 Resp: 242766

Ion Ratio Lower Upper

168 100

99 46.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

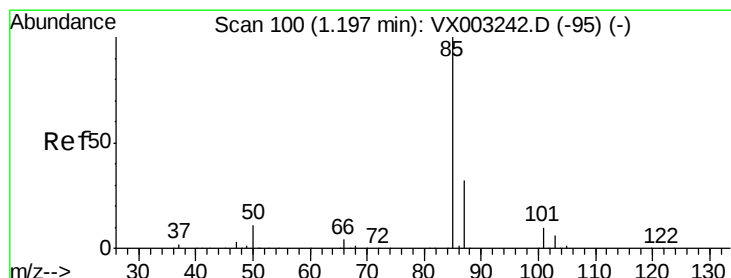
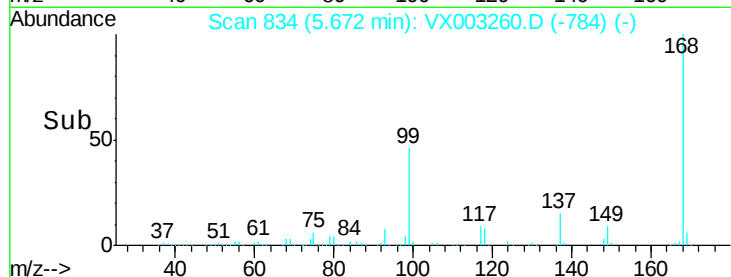
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 8.91 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003260.D

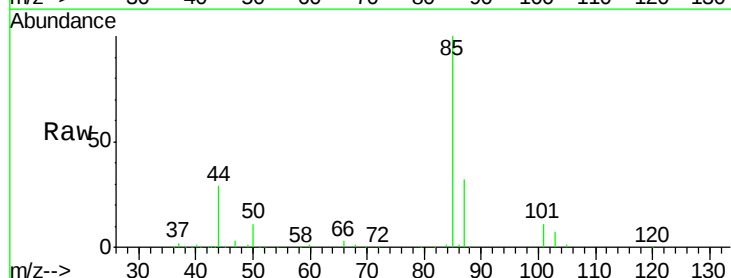
Acq: 09 Jul 2018 22:44

Tgt Ion: 85 Resp: 32892

Ion Ratio Lower Upper

85 100

87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

20000

10000

0

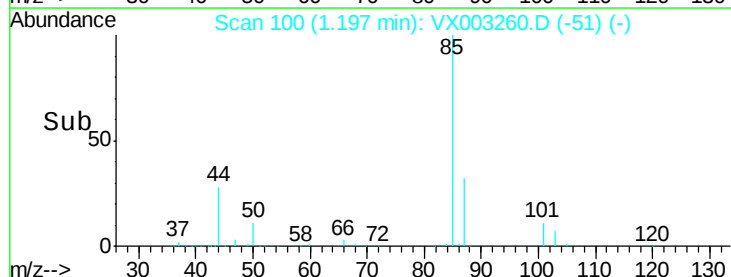
Time-->

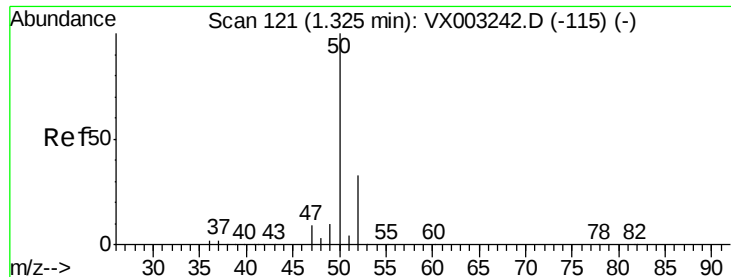
1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 9.65 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

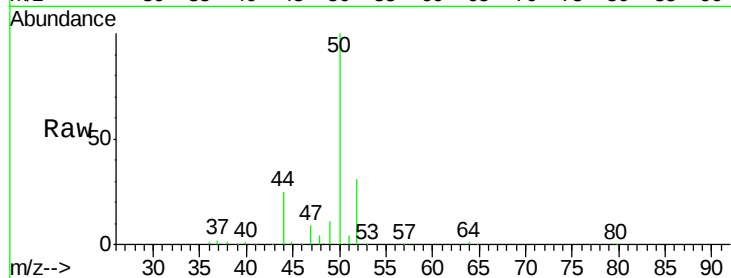
LOQ-WATER-02-QT3-2018

Tot Ion: 50 Resp: 32395

Ion Ratio Lower Upper

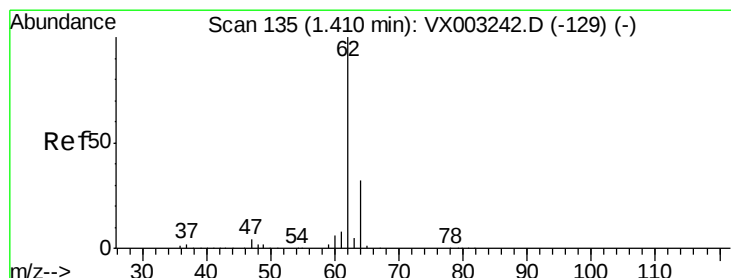
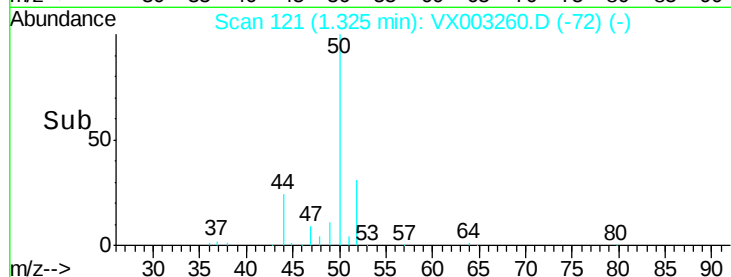
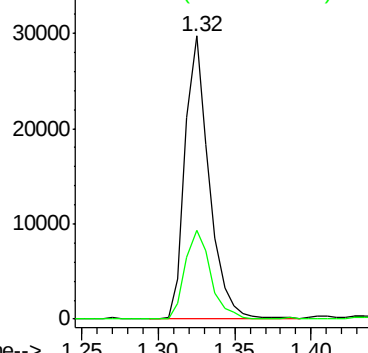
50 100

52 31.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 9.93 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003260.D

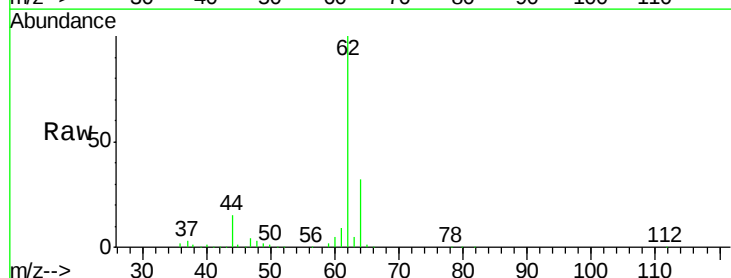
Acq: 09 Jul 2018 22:44

Tgt Ion: 62 Resp: 34209

Ion Ratio Lower Upper

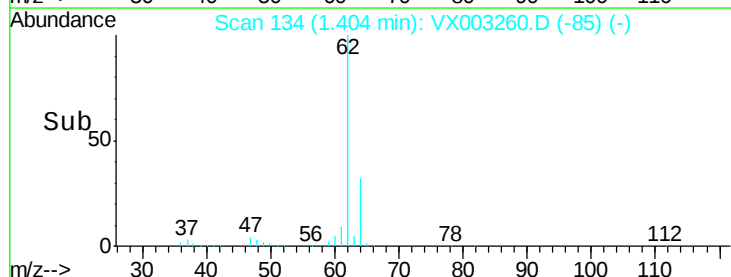
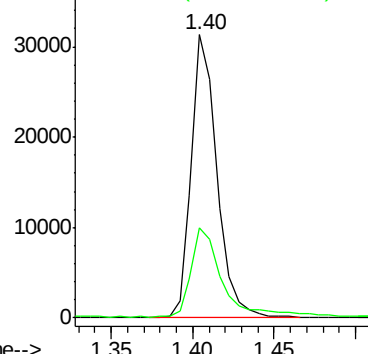
62 100

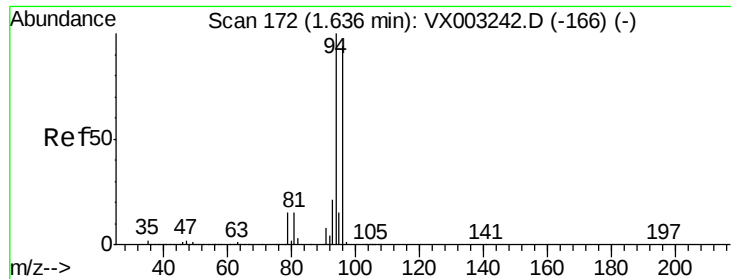
64 31.5 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 13.74 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

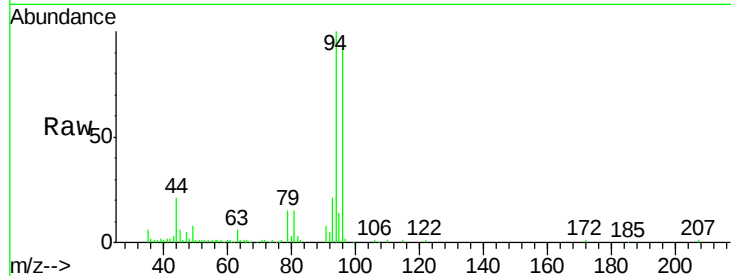
LOQ-WATER-02-QT3-2018

Tot Ion: 94 Resp: 15109

Ion Ratio Lower Upper

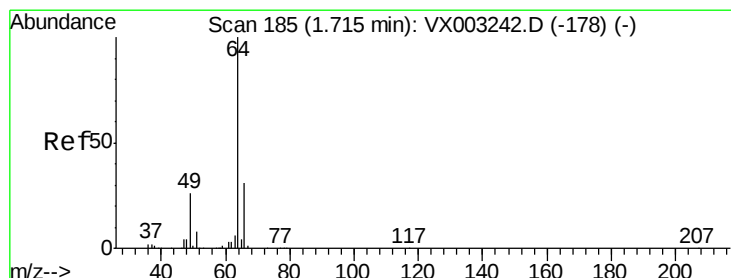
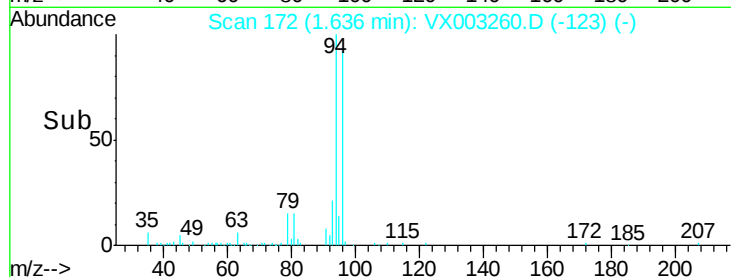
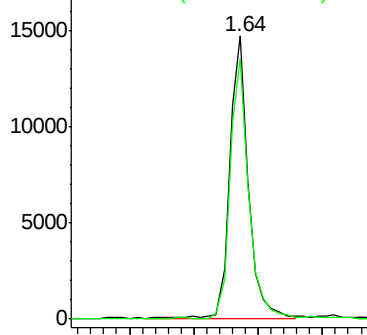
94 100

96 91.8 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 10.83 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.01 min

Lab File: VX003260.D

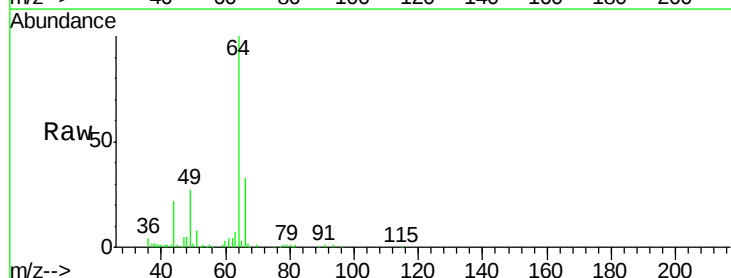
Acq: 09 Jul 2018 22:44

Tgt Ion: 64 Resp: 20663

Ion Ratio Lower Upper

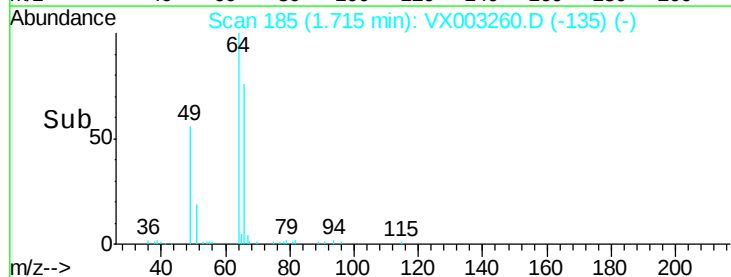
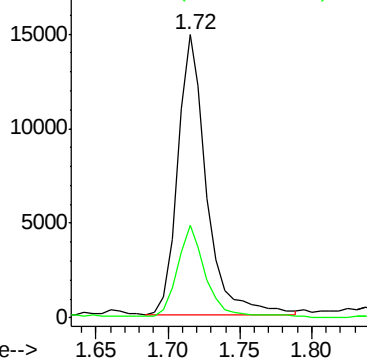
64 100

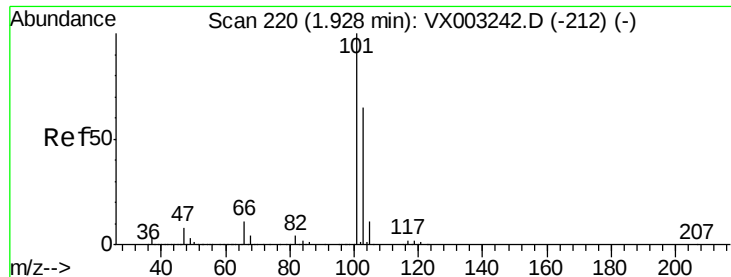
66 32.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



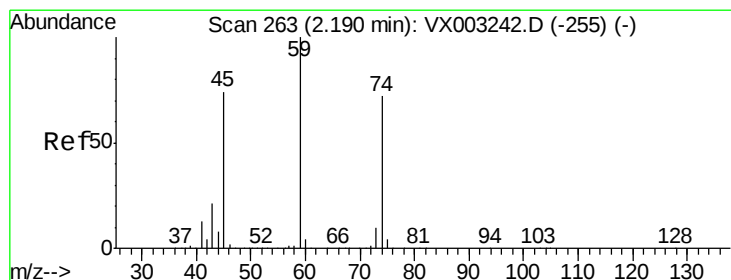
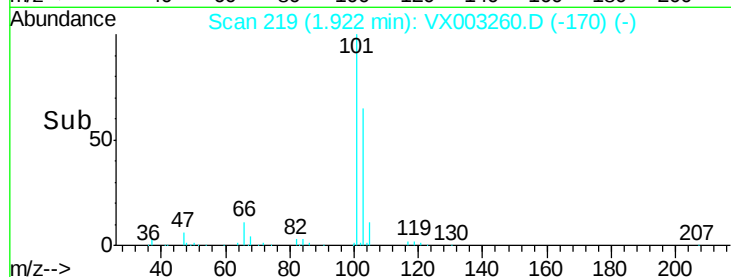
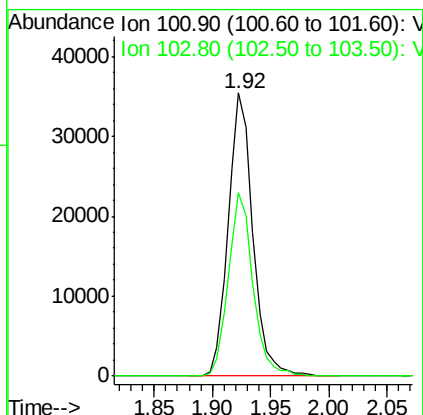
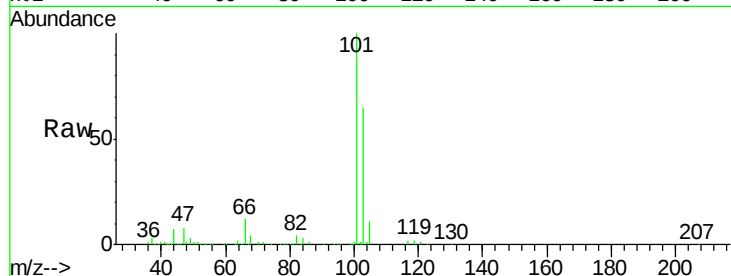


#7

Trichlorofluoromethane
Concen: 10.19 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Instrument :
MSVOA_X
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LOQ-WATER-02-QT3-2018

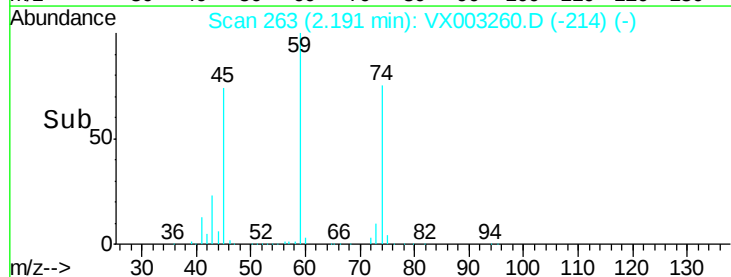
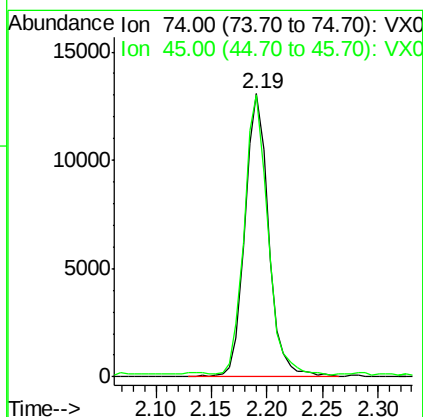
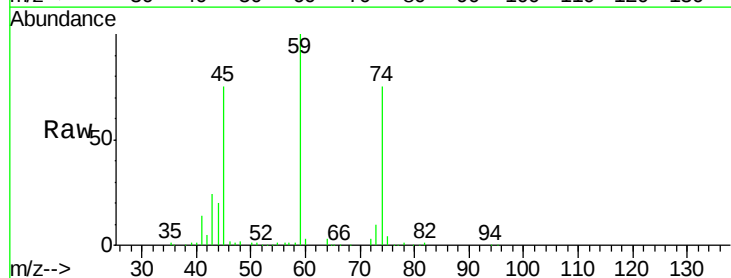
Tot Ion:101 Resp: 52168
Ion Ratio Lower Upper
101 100
103 65.0 52.8 79.2

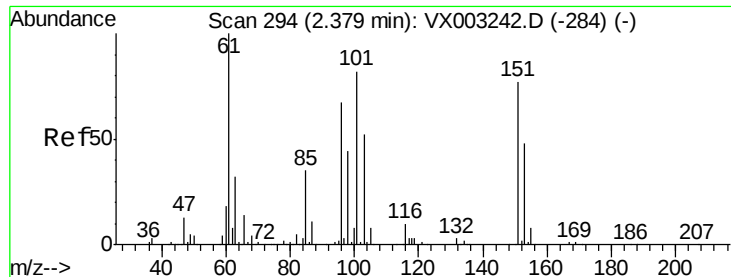


#8

Diethyl Ether
Concen: 10.46 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Tgt Ion: 74 Resp: 19360
Ion Ratio Lower Upper
74 100
45 99.1 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.86 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2018

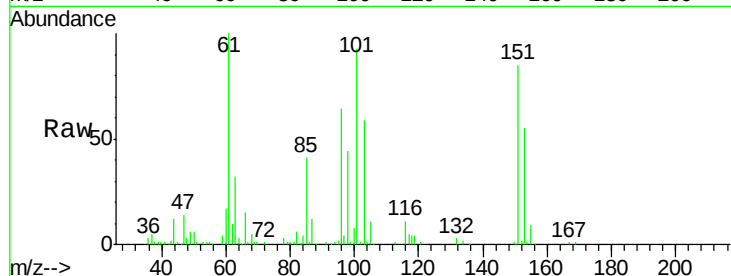
Tot Ion:101 Resp: 29543

Ion Ratio Lower Upper

101 100

85 45.6 36.0 54.0

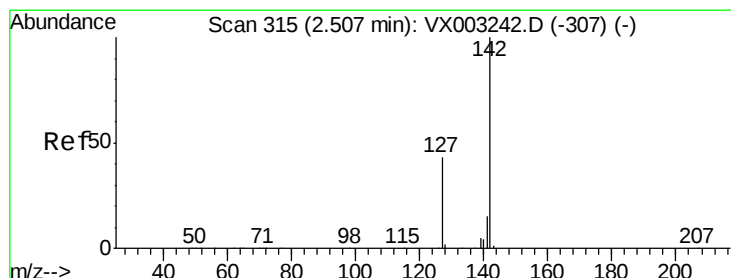
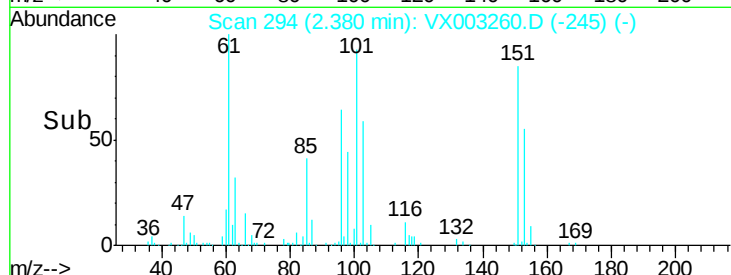
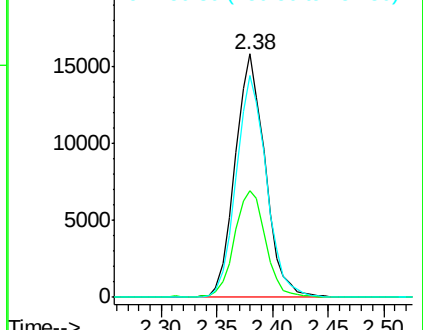
151 91.9 70.9 106.3



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: 12.43 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

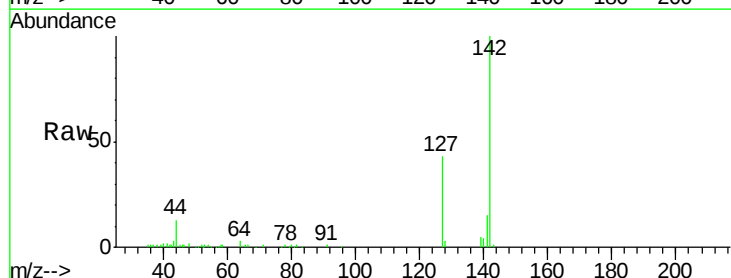
Tgt Ion:142 Resp: 25305

Ion Ratio Lower Upper

142 100

127 43.8 36.6 55.0

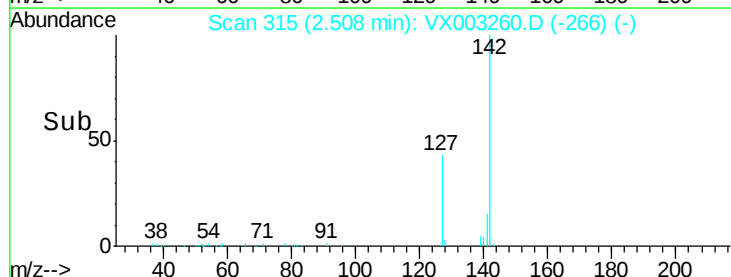
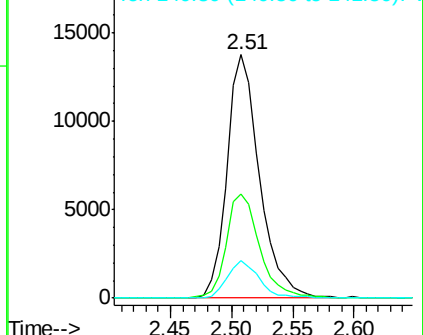
141 15.0 11.3 16.9

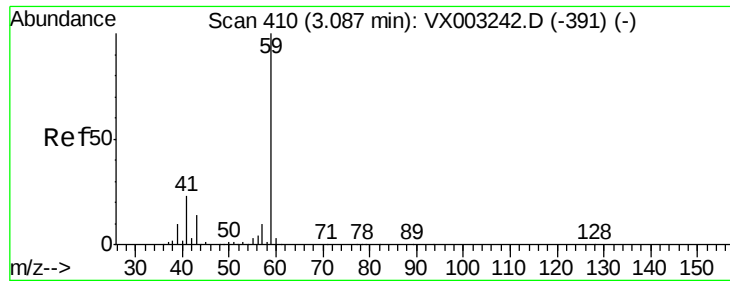


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

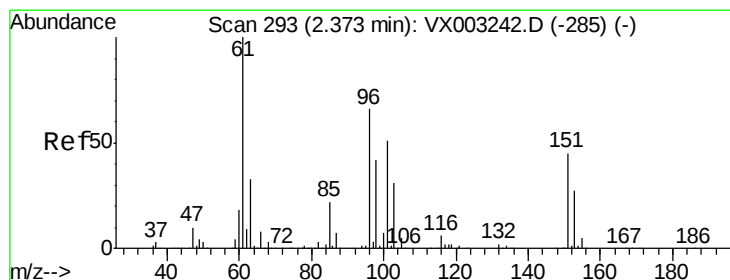
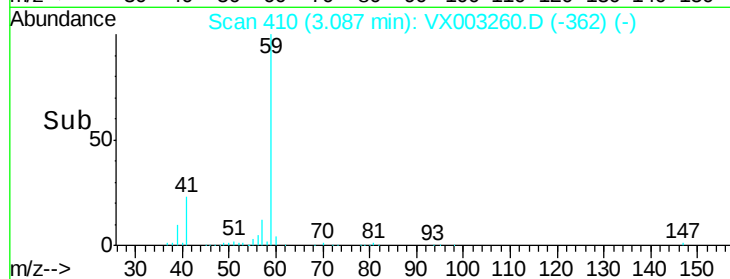
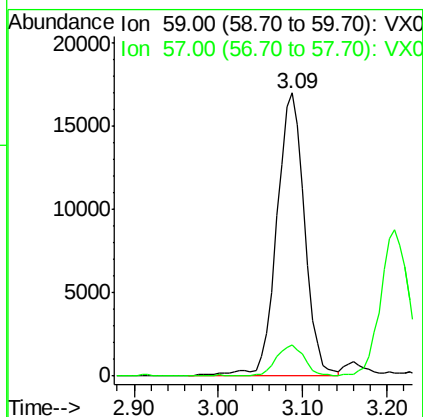
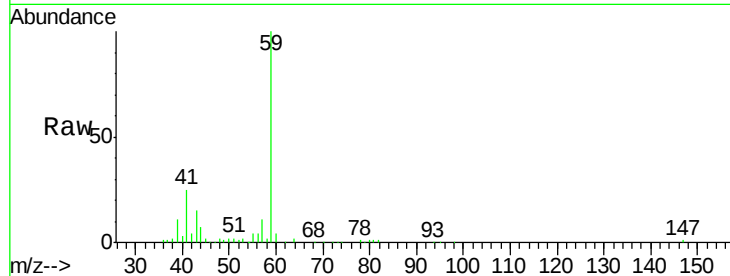




#11
Tert butyl alcohol
Concen: 56.26 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.01 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

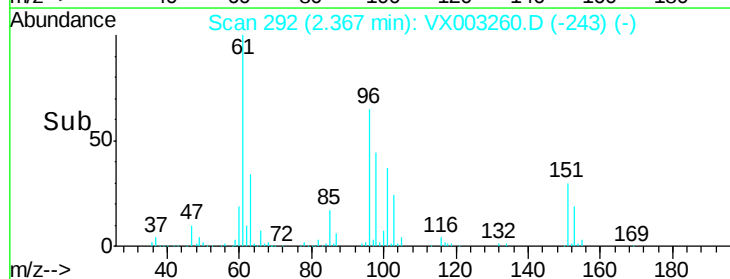
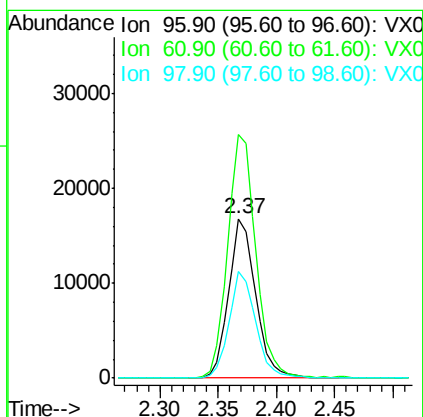
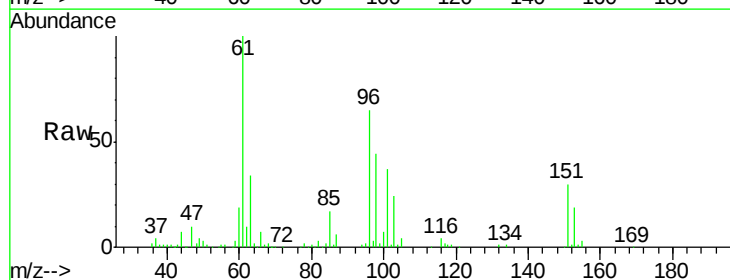
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2018

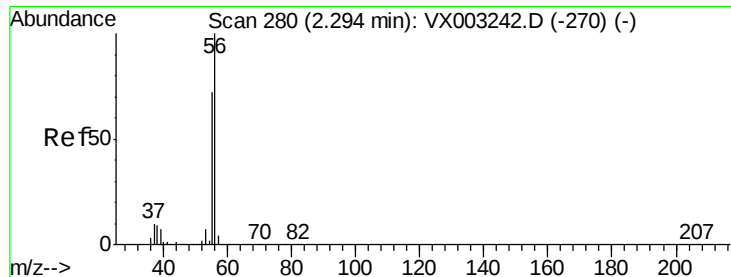
Tot Ion: 59 Resp: 38972
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 10.03 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Tgt Ion: 96 Resp: 27358
Ion Ratio Lower Upper
96 100
61 152.8 137.9 206.9
98 66.9 51.6 77.4





#13

Acrolein

Concen: 55.12 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

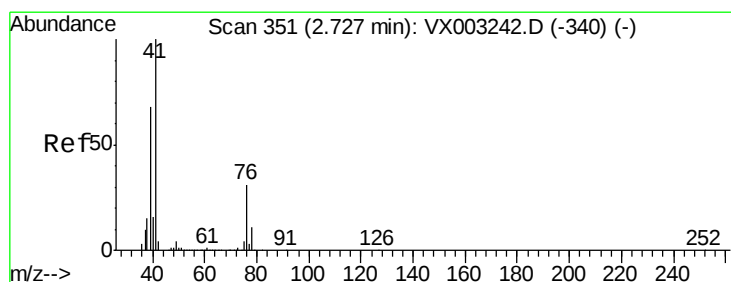
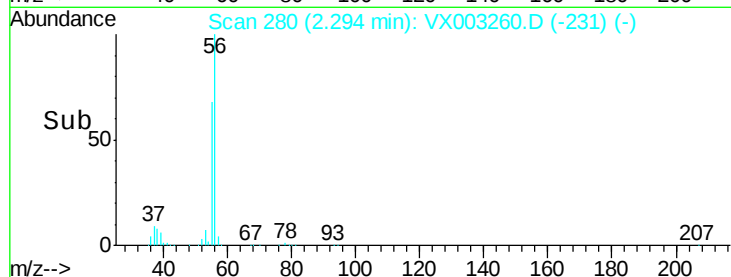
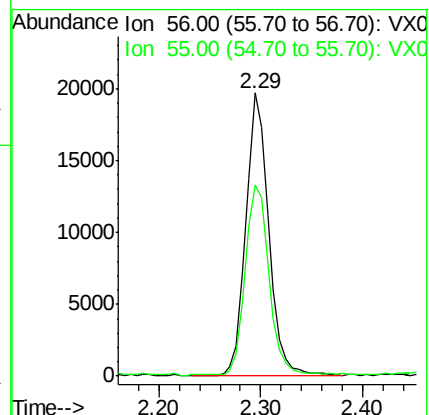
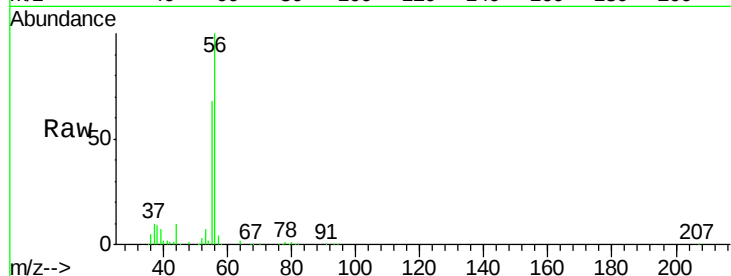
LOQ-WATER-02-QT3-2018

Tot Ion: 56 Resp: 30768

Ion Ratio Lower Upper

56 100

55 68.7 57.0 85.4



#14

Allyl chloride

Concen: 10.09 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

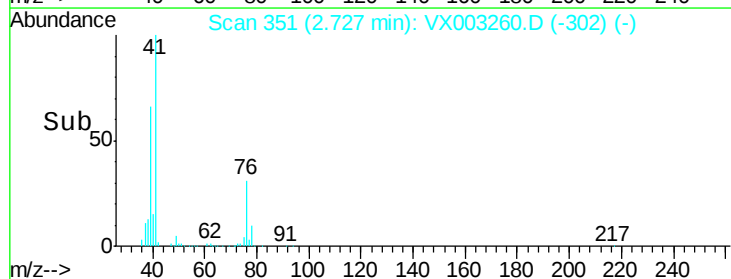
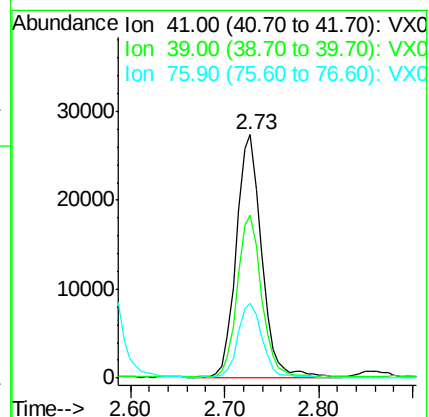
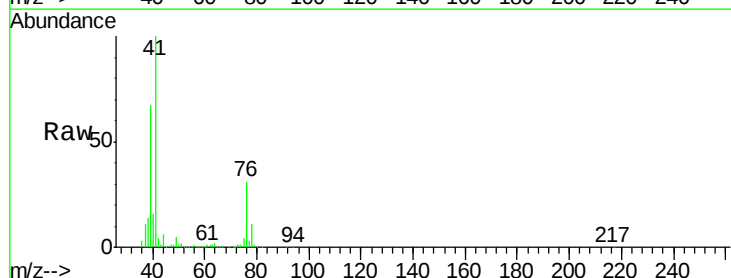
Tgt Ion: 41 Resp: 51008

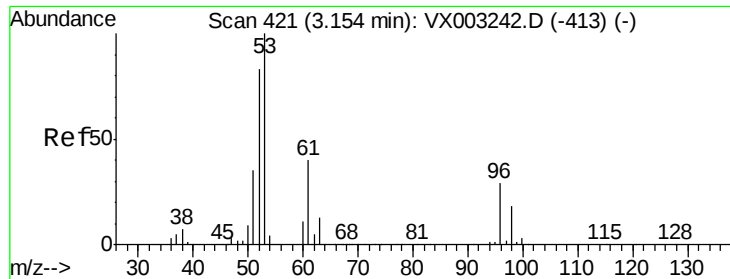
Ion Ratio Lower Upper

41 100

39 63.7 56.8 85.2

76 30.5 23.8 35.8





#15

Acrylonitrile

Concen: 53.25 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2018

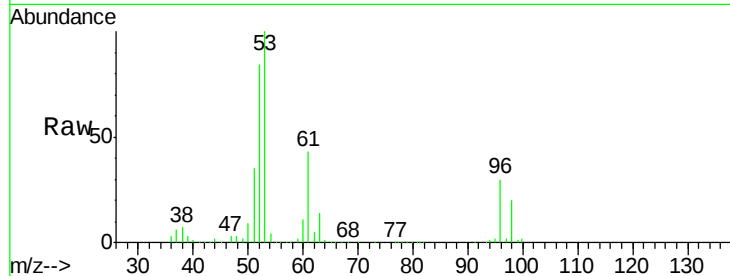
Tot Ion: 53 Resp: 82358

Ion Ratio Lower Upper

53 100

52 84.8 66.7 100.1

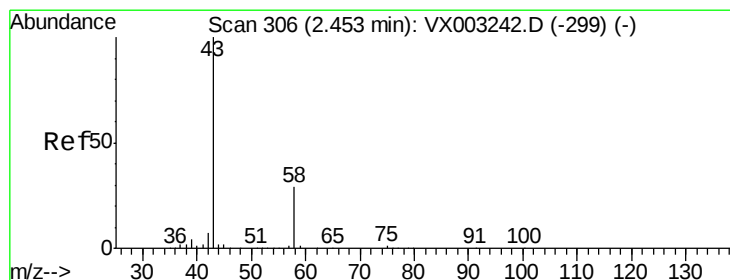
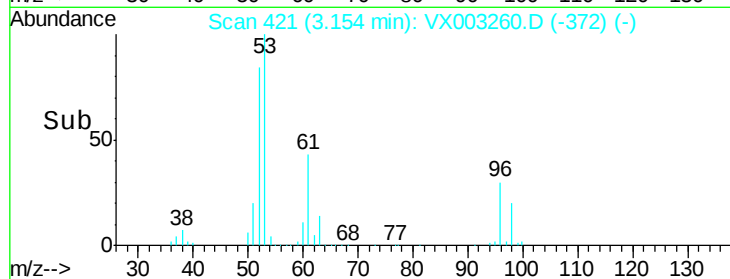
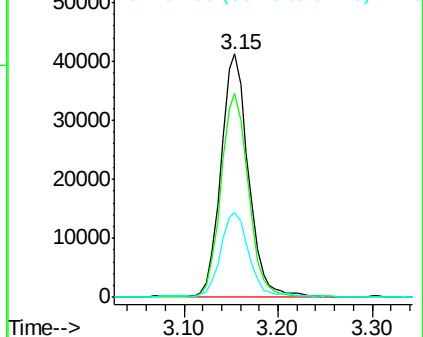
51 37.1 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 54.92 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003260.D

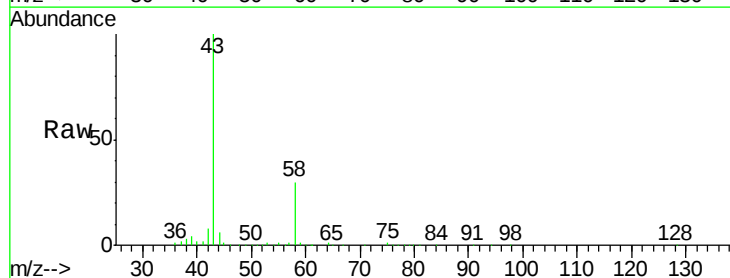
Acq: 09 Jul 2018 22:44

Tgt Ion: 43 Resp: 74496

Ion Ratio Lower Upper

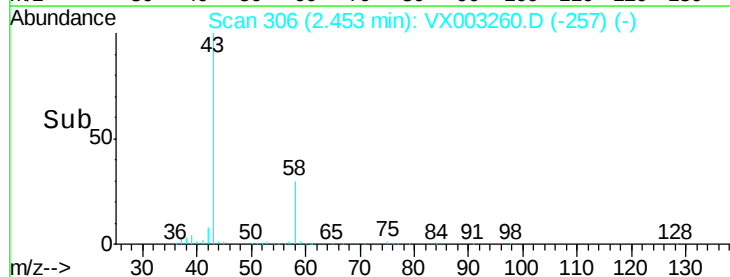
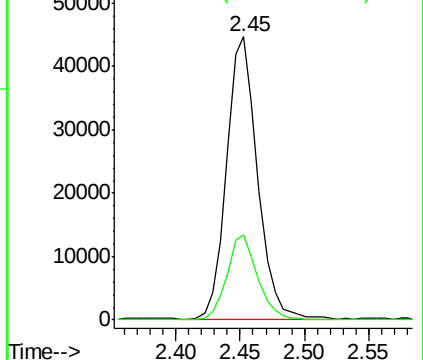
43 100

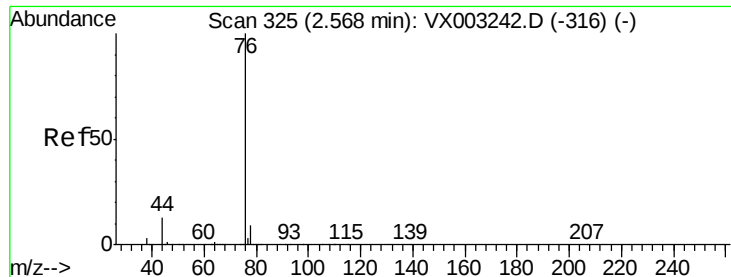
58 30.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

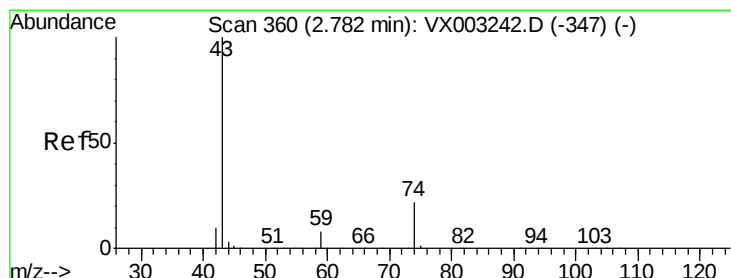
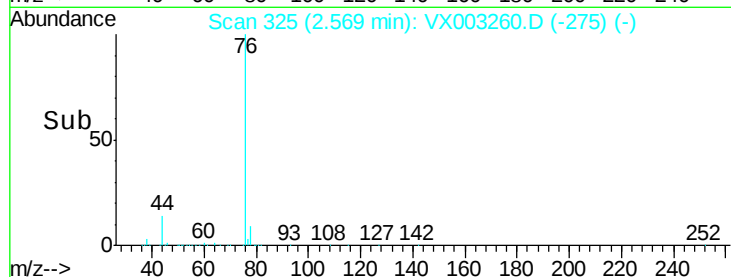
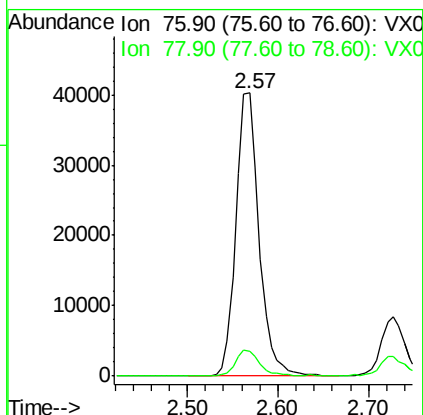
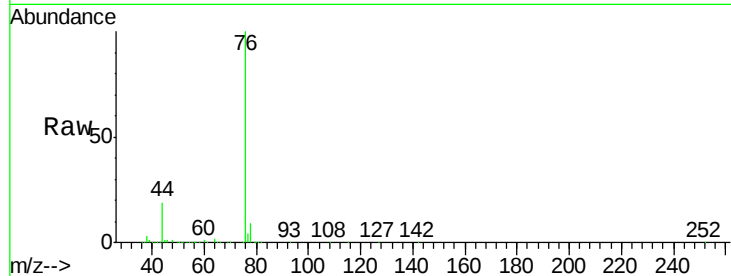




#17
Carbon Disulfide
Concen: 9.43 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

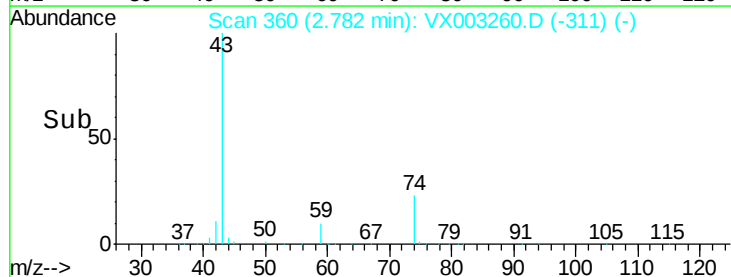
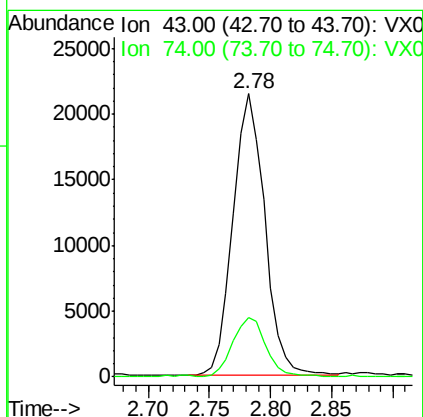
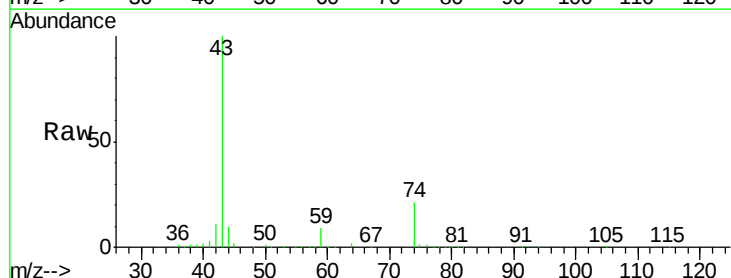
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2018

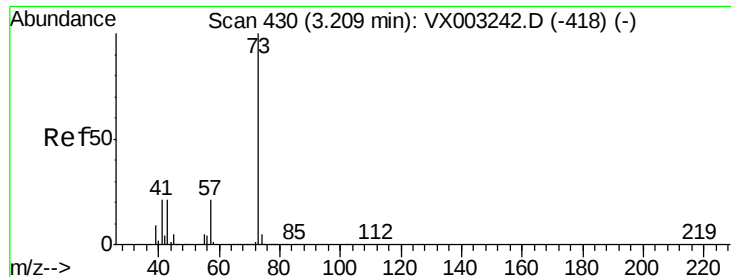
Tot Ion: 76 Resp: 71514
Ion Ratio Lower Upper
76 100
78 8.5 6.9 10.3



#18
Methyl Acetate
Concen: 10.17 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Tgt Ion: 43 Resp: 38934
Ion Ratio Lower Upper
43 100
74 21.3 16.7 25.1

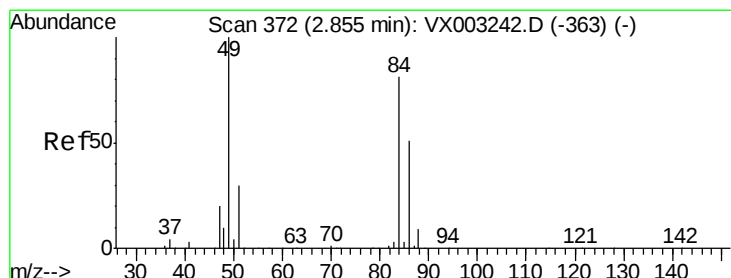
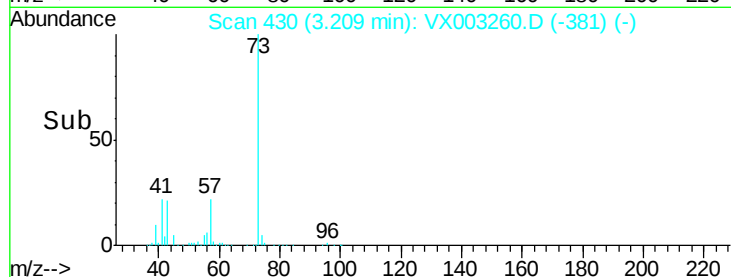
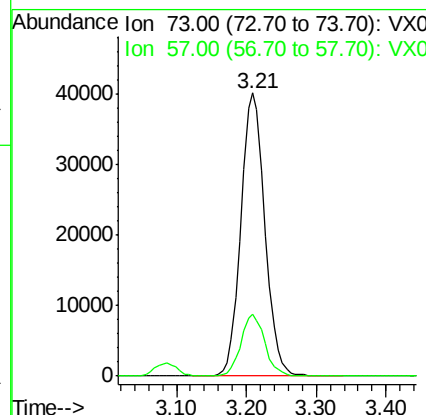
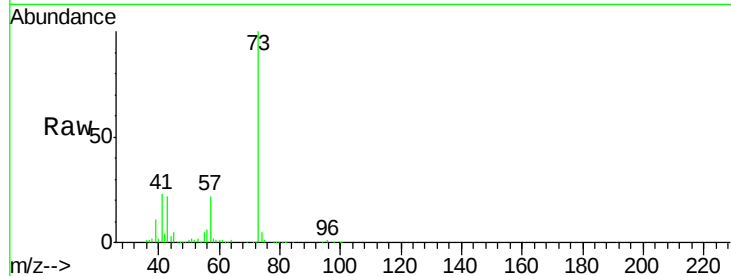




#19
Methyl tert-butyl Ether
Concen: 10.48 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

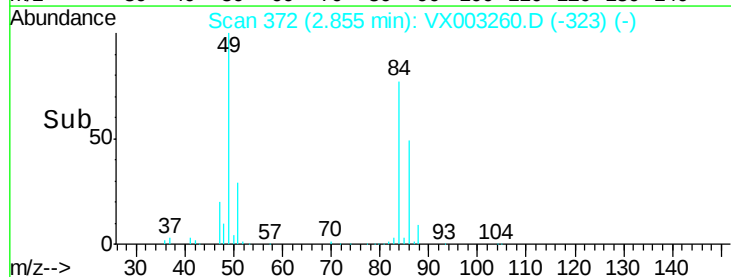
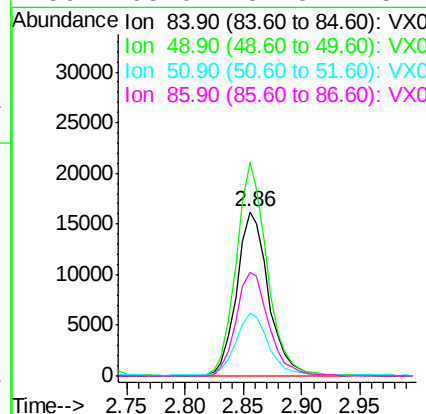
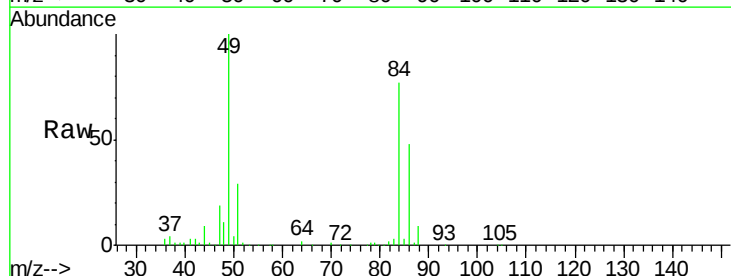
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2018

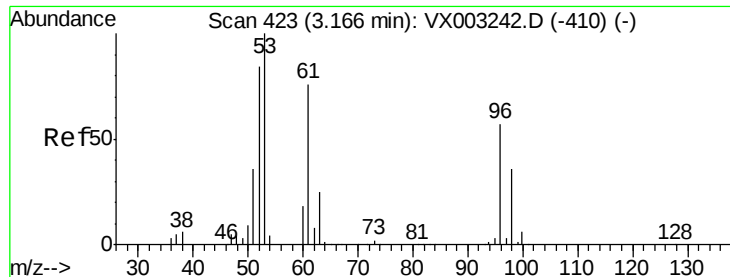
Tot Ion: 73 Resp: 95530
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5



#20
Methylene Chloride
Concen: 10.58 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Tgt Ion: 84 Resp: 30954
Ion Ratio Lower Upper
84 100
49 129.7 107.8 161.6
51 37.8 32.8 49.2
86 63.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 10.25 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2018

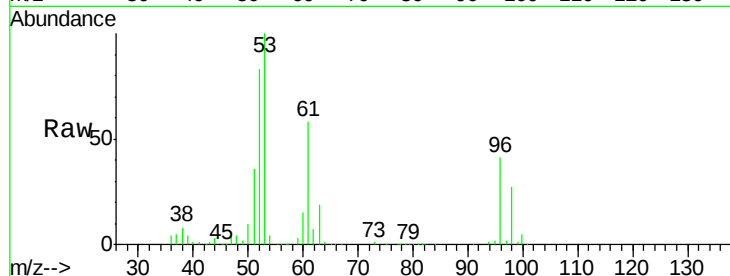
Tot Ion: 96 Resp: 29820

Ion Ratio Lower Upper

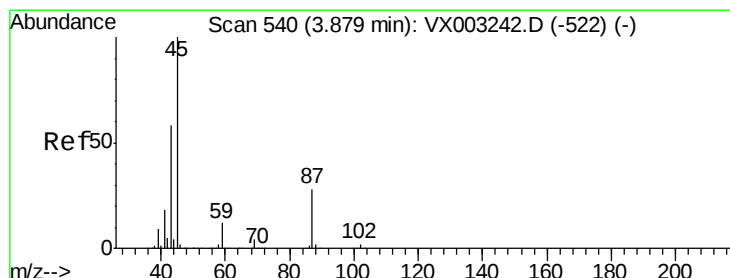
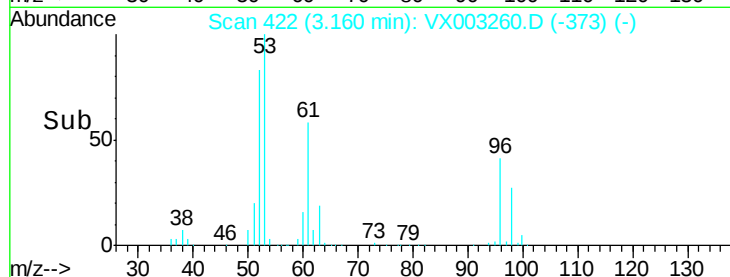
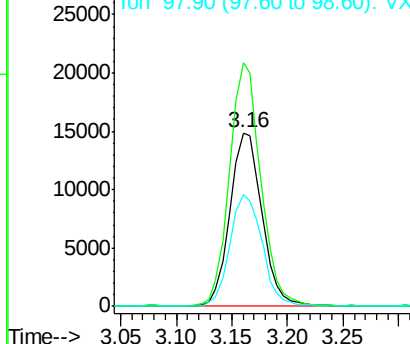
96 100

61 140.1 117.0 175.4

98 64.8 52.4 78.6



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: 9.91 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Tgt Ion: 45 Resp: 101882

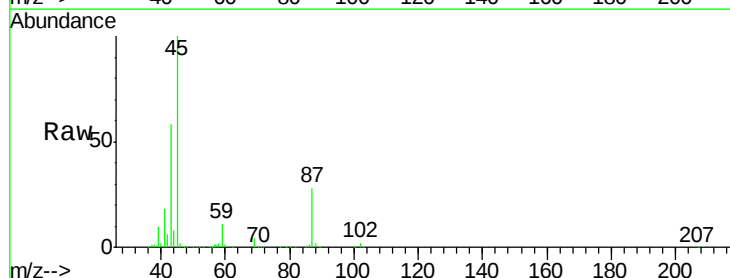
Ion Ratio Lower Upper

45 100

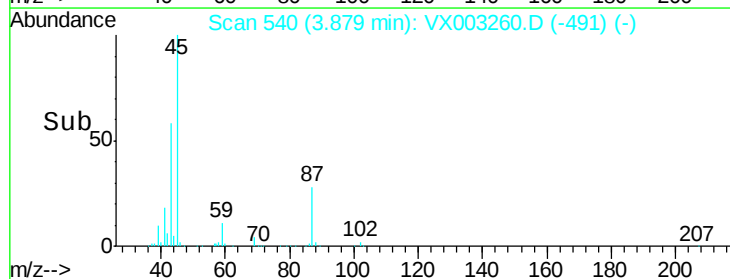
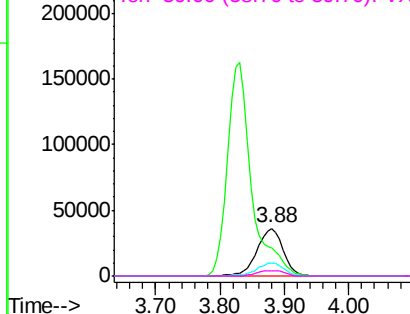
43 57.9 46.8 70.2

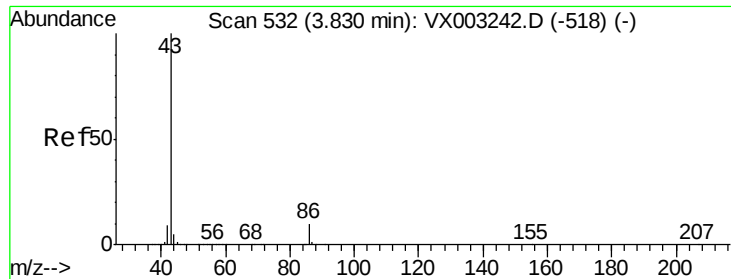
87 27.8 20.2 30.4

59 11.0 8.7 13.1



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

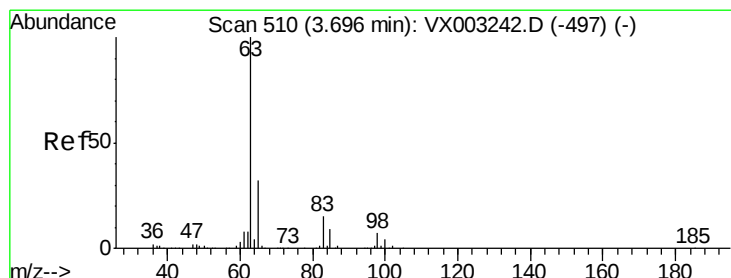
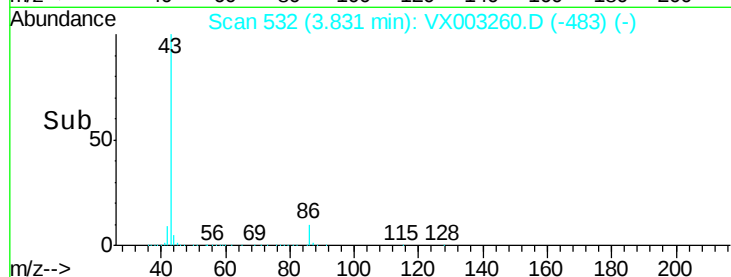
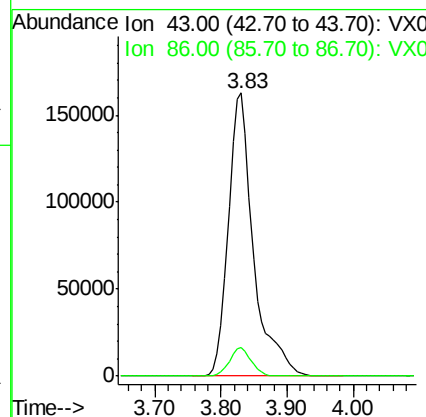
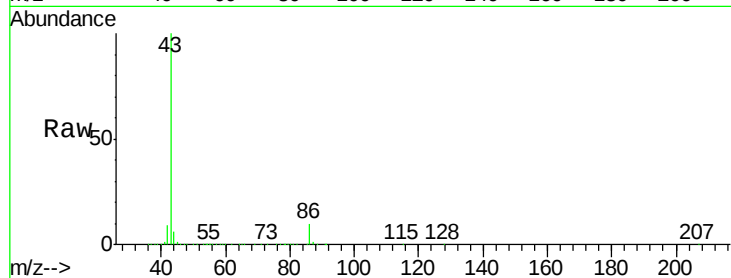




#23
 Vinyl Acetate
 Concen: 48.99 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX003260.D
 Acq: 09 Jul 2018 22:44

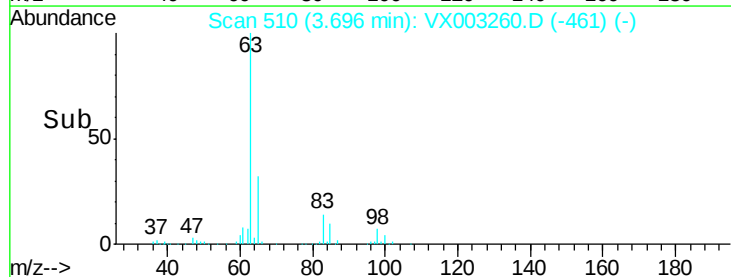
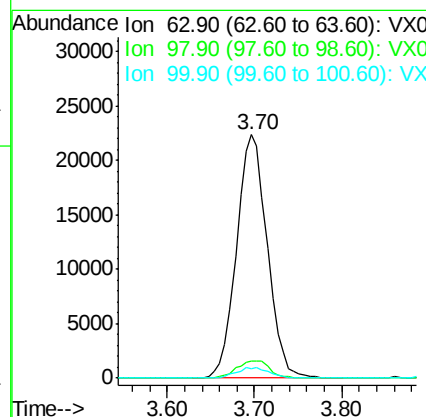
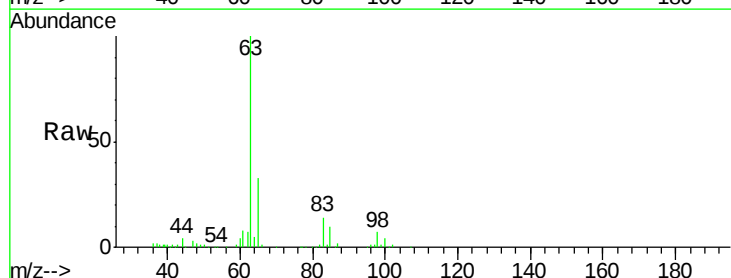
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

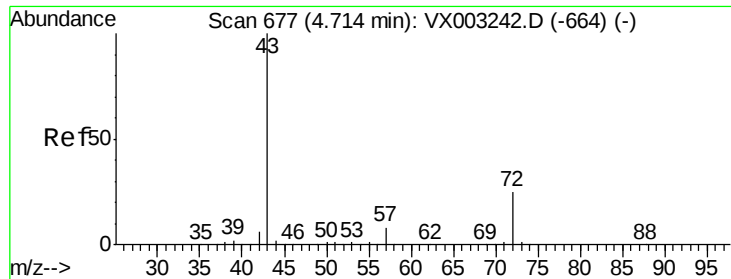
Tot Ion: 43 Resp: 427613
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 10.19 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003260.D
 Acq: 09 Jul 2018 22:44

Tgt Ion: 63 Resp: 54521
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 3.9 2.0 6.0

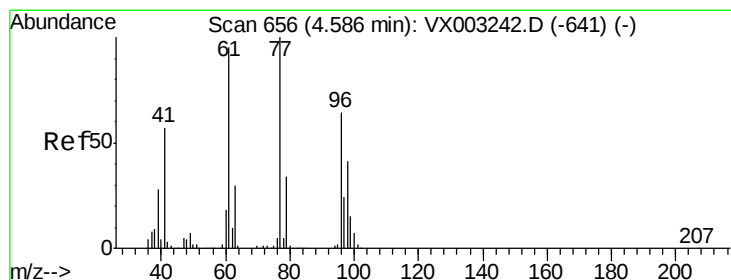
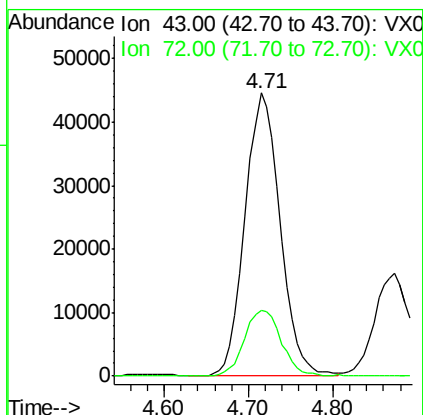
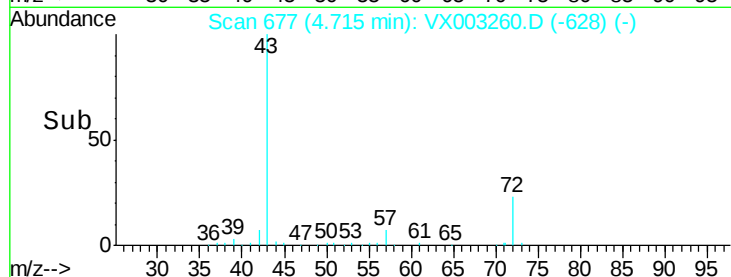
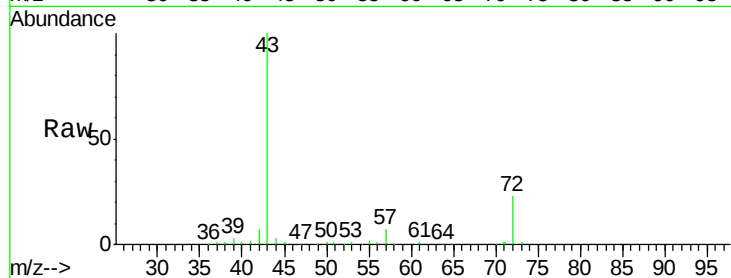




#25
2-Butanone
Concen: 52.39 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

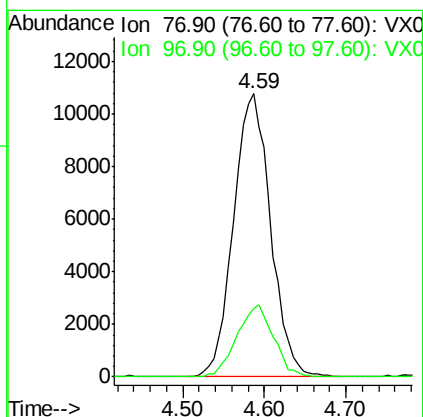
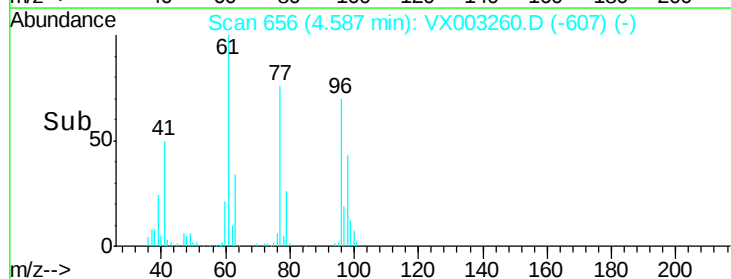
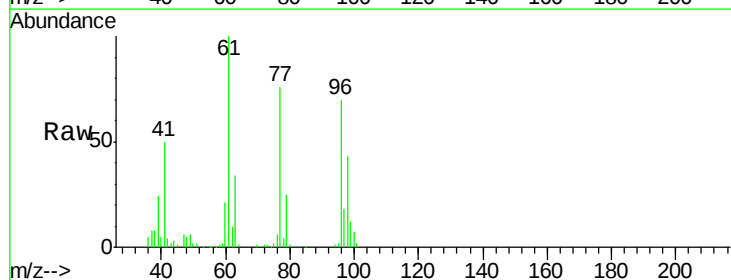
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2018

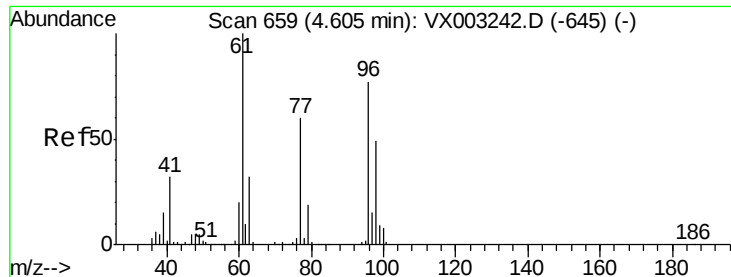
Tot Ion: 43 Resp: 125733
Ion Ratio Lower Upper
43 100
72 22.9 18.5 27.7



#26
2,2-Dichloropropane
Concen: 7.26 ug/l
RT: 4.59 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Tgt Ion: 77 Resp: 33967
Ion Ratio Lower Upper
77 100
97 25.1 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 9.82 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2018

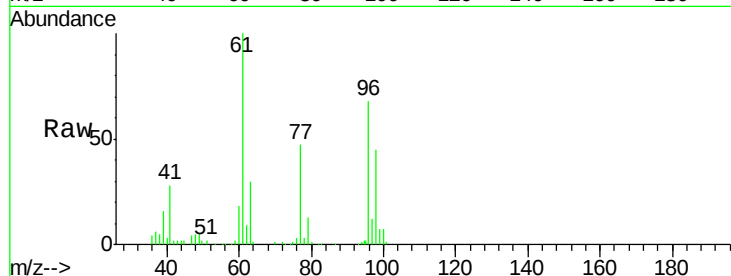
Tot Ion: 96 Resp: 35102

Ion Ratio Lower Upper

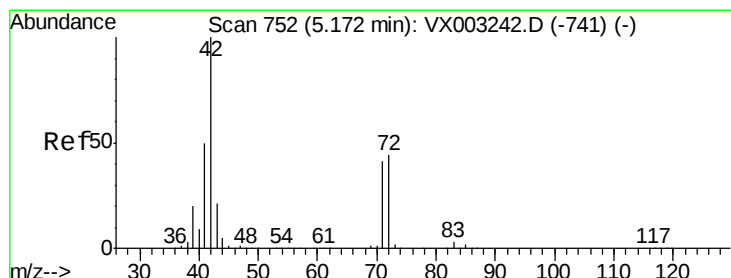
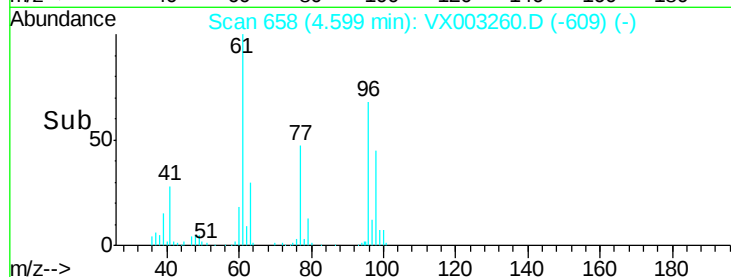
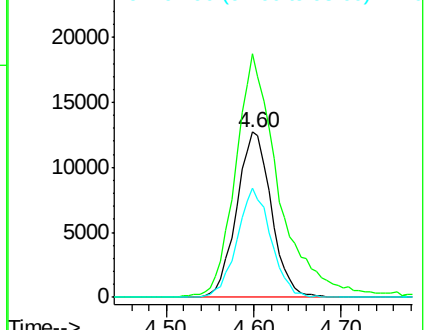
96 100

61 184.2 0.0 330.2

98 64.6 0.0 130.2



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



#29

Tetrahydrofuran

Concen: 51.65 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

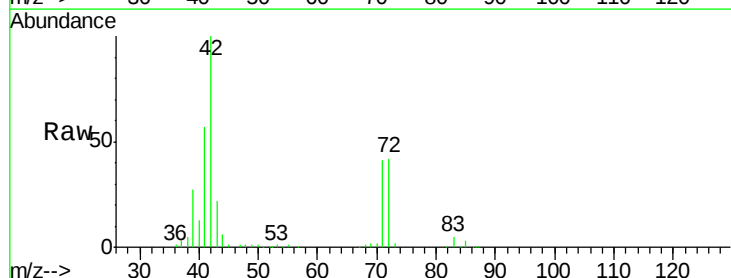
Tgt Ion: 42 Resp: 80467

Ion Ratio Lower Upper

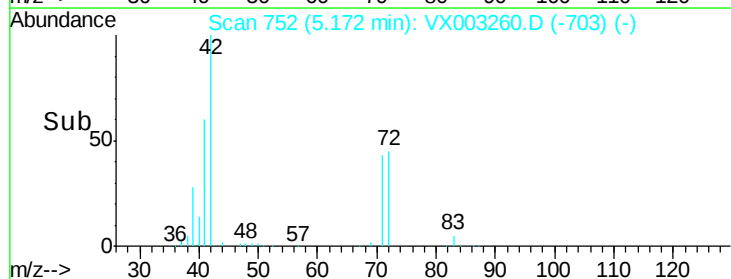
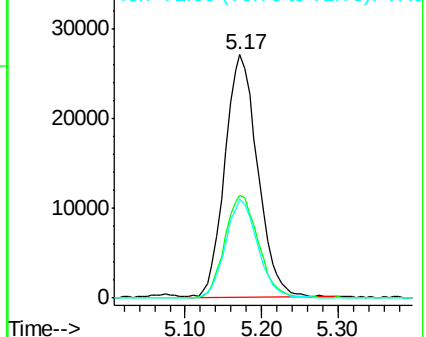
42 100

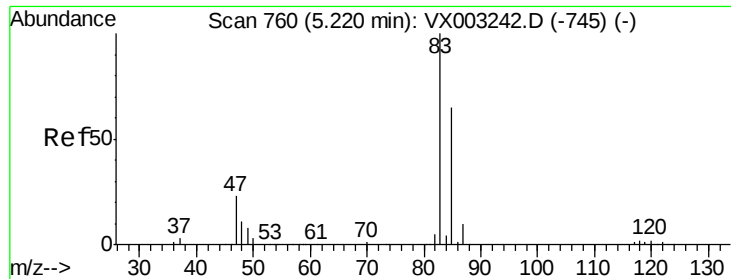
72 43.4 32.0 48.0

71 40.1 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

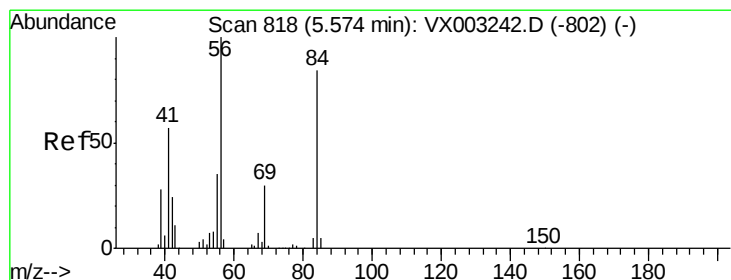
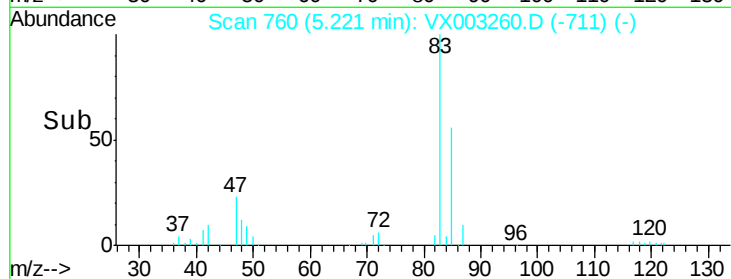
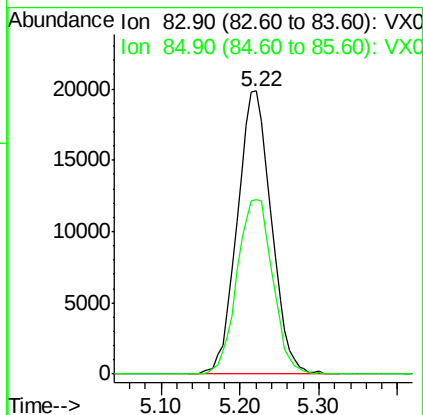
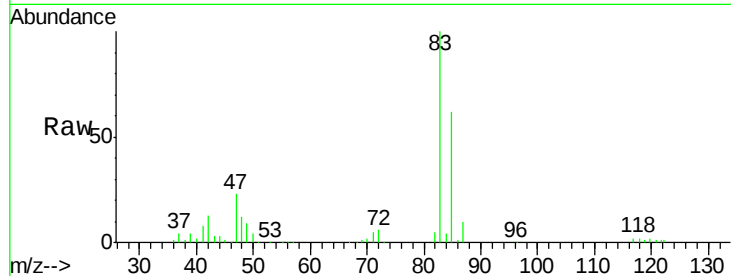




#30
Chloroform
Concen: 10.13 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

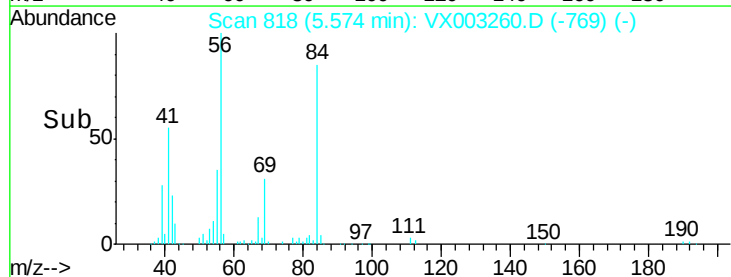
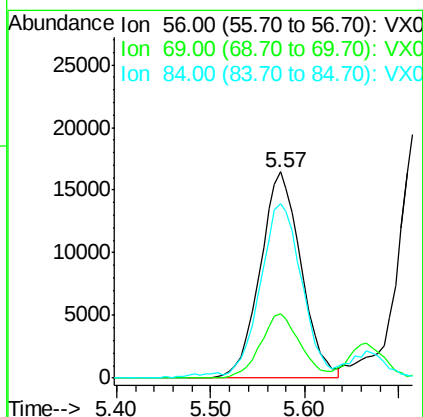
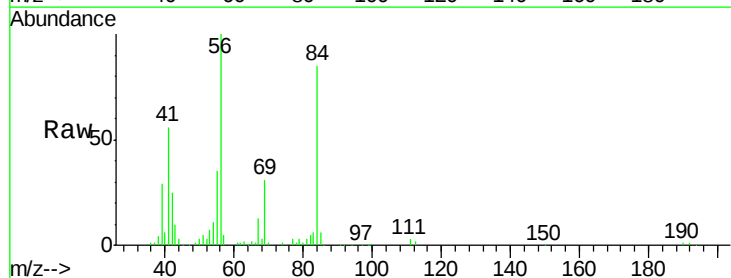
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2018

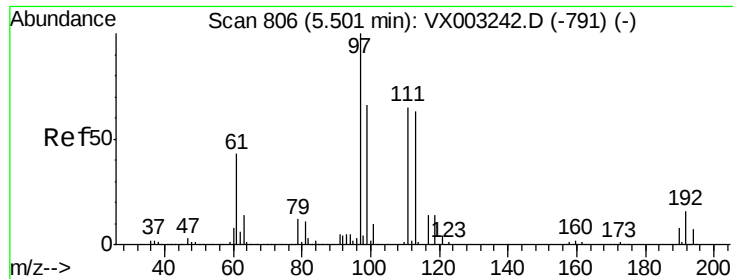
Tot Ion: 83 Resp: 59652
Ion Ratio Lower Upper
83 100
85 61.7 50.4 75.6



#31
Cyclohexane
Concen: 9.97 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Tgt Ion: 56 Resp: 49932
Ion Ratio Lower Upper
56 100
69 31.5 23.7 35.5
84 83.6 64.1 96.1

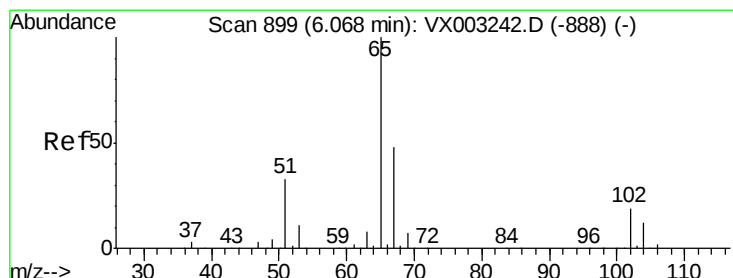
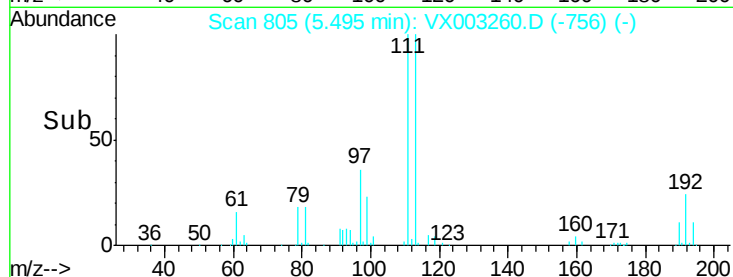
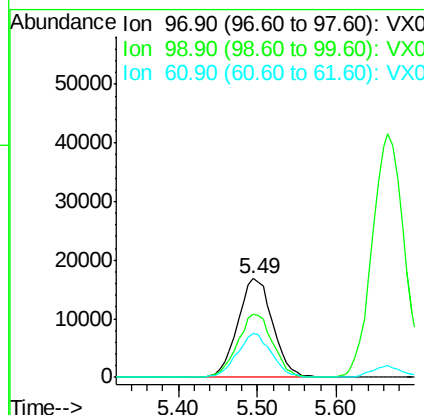
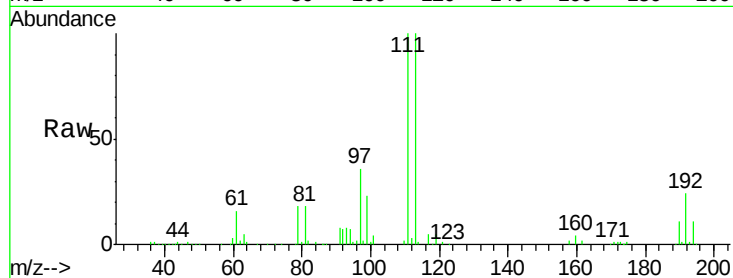




#32
 1,1,1-Trichloroethane
 Concen: 10.01 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX003260.D
 Acq: 09 Jul 2018 22:44

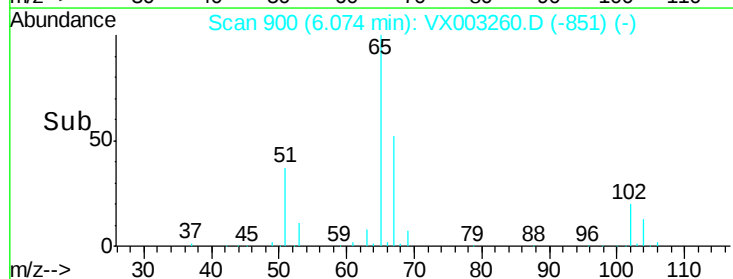
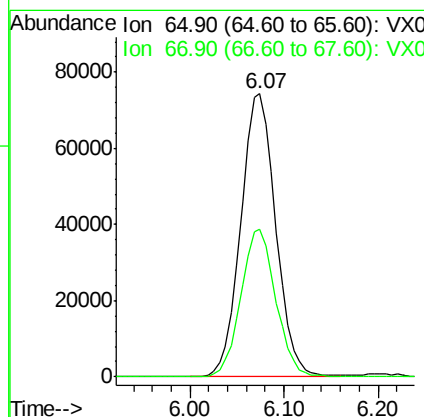
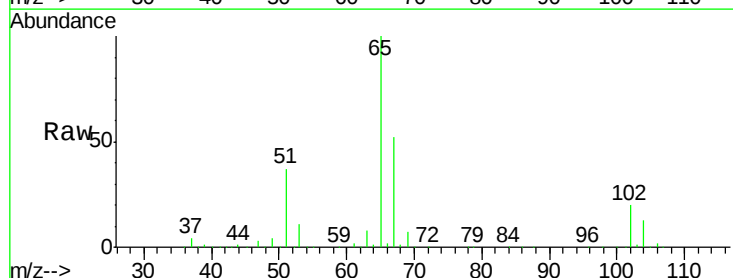
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

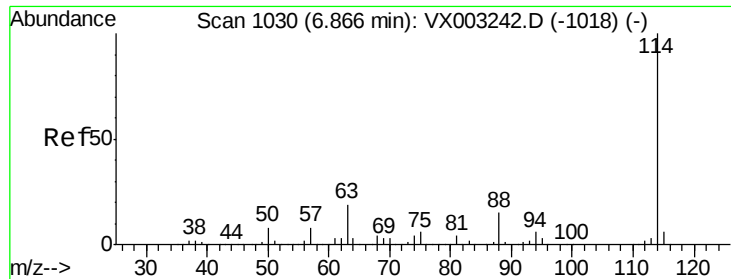
Tot Ion: 97 Resp: 51958
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.6 77.4
 61 43.7 36.4 54.6



#33
 1,2-Dichloroethane-d4
 Concen: 50.52 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003260.D
 Acq: 09 Jul 2018 22:44

Tgt Ion: 65 Resp: 193026
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.6

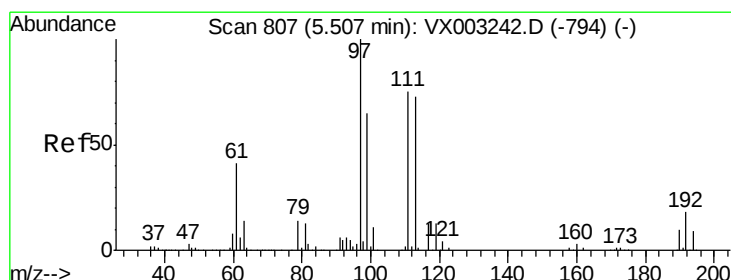
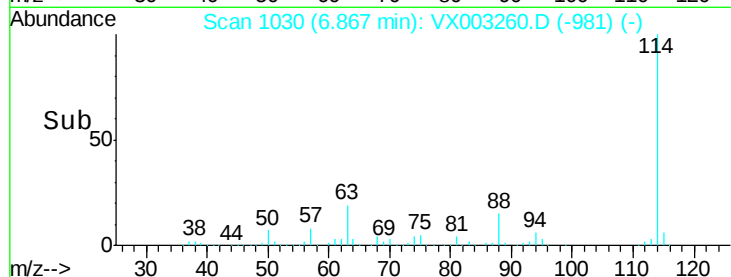
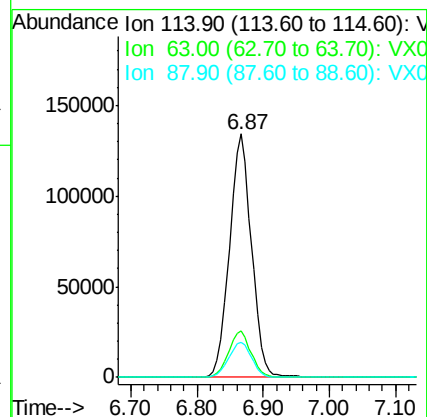
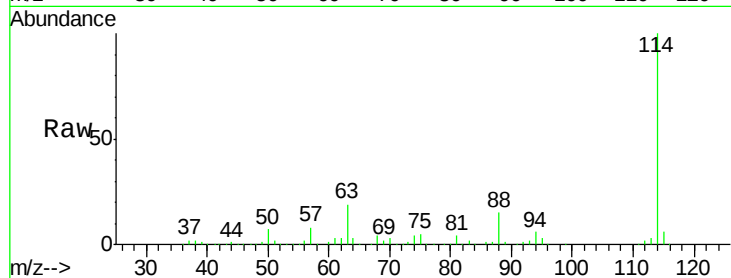




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003260.D
 Acq: 09 Jul 2018 22:44

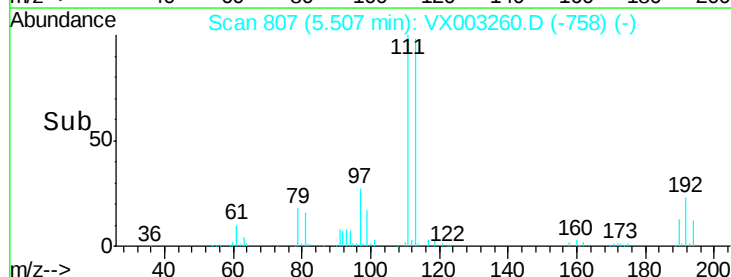
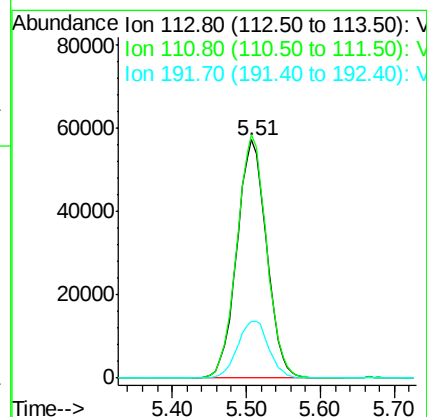
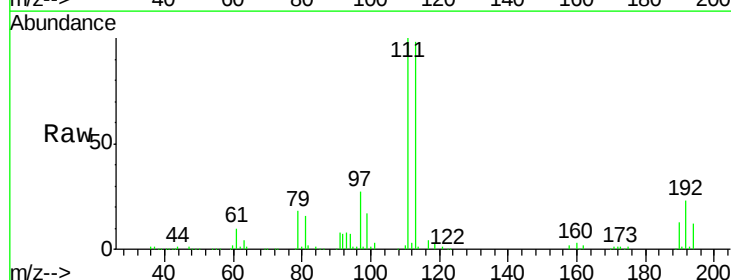
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

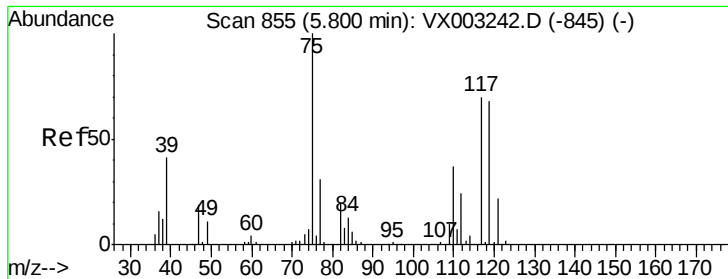
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	41.4
88	14.6	0.0	30.0



#35
 Dibromofluoromethane
 Concen: 48.28 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003260.D
 Acq: 09 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.0
192	24.9	19.1	28.7

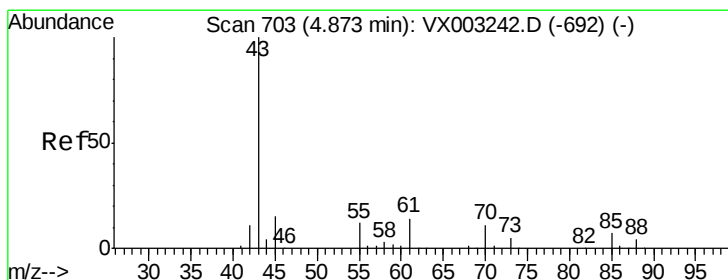
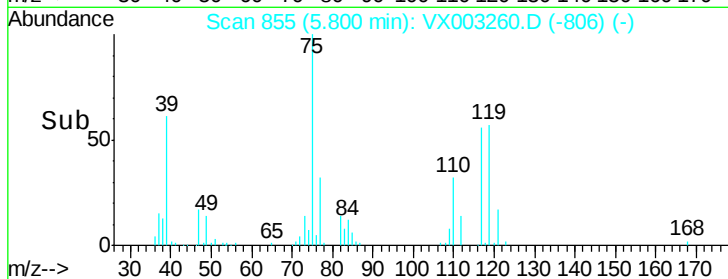
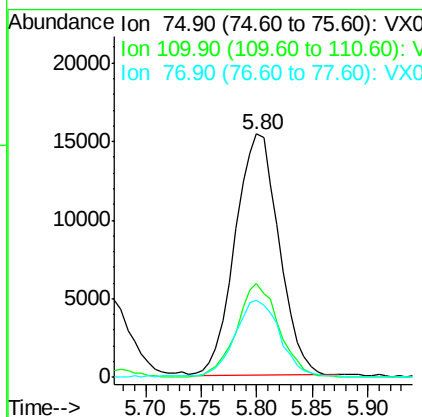
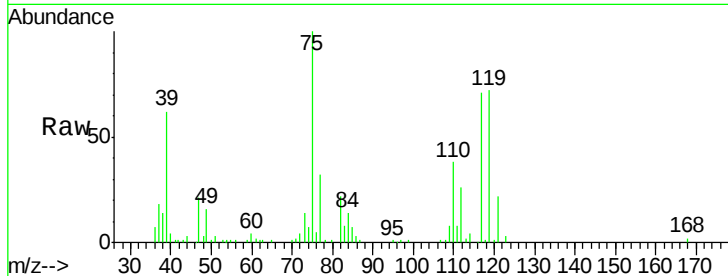




#36
 1,1-Dichloropropene
 Concen: 9.59 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003260.D
 Acq: 09 Jul 2018 22:44

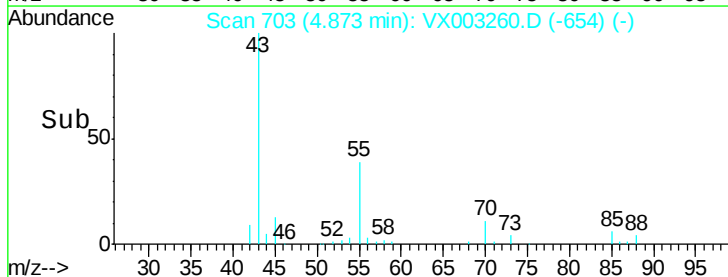
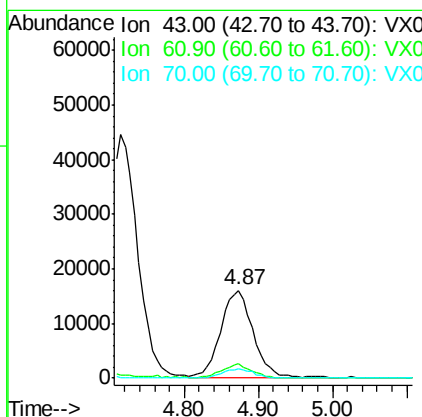
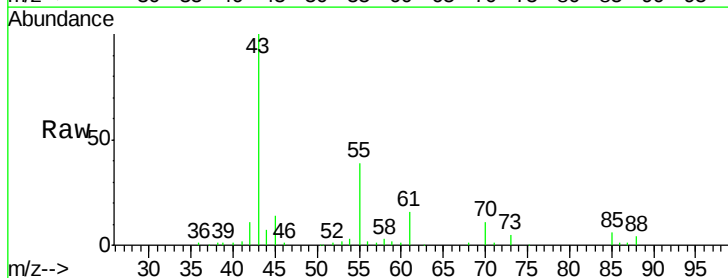
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

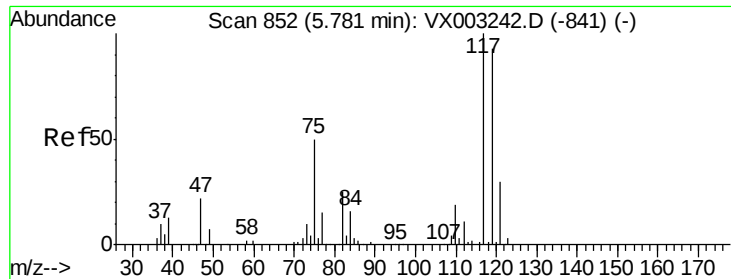
Tot Ion	Ratio	Lower	Upper
75	100		
110	38.0	18.1	54.4
77	33.1	24.3	36.5



#37
 Ethyl Acetate
 Concen: 9.93 ug/l
 RT: 4.87 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: VX003260.D
 Acq: 09 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.1	10.4	15.6
70	10.8	7.6	11.4

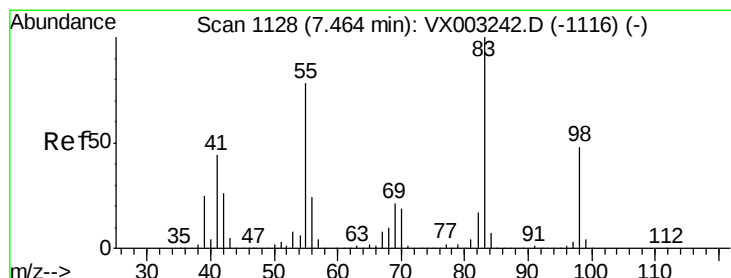
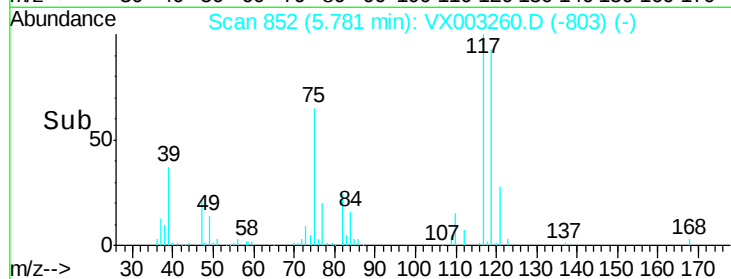
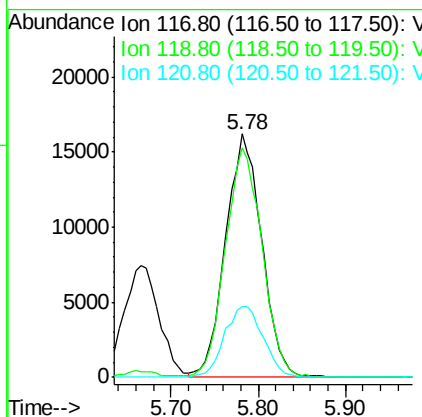
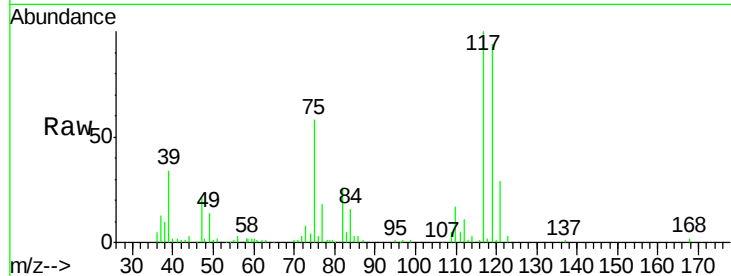




#38
Carbon Tetrachloride
Concen: 9.71 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

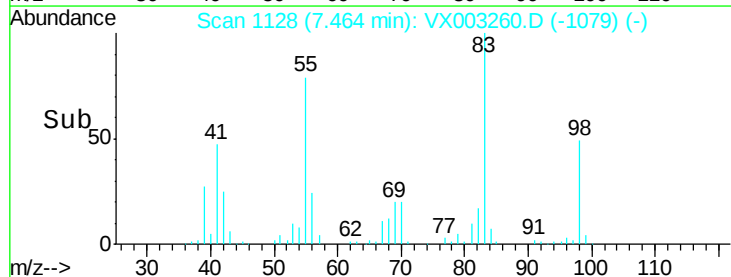
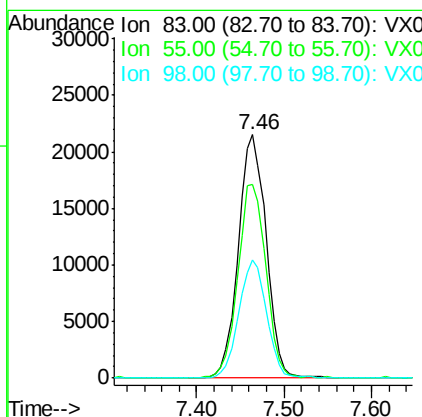
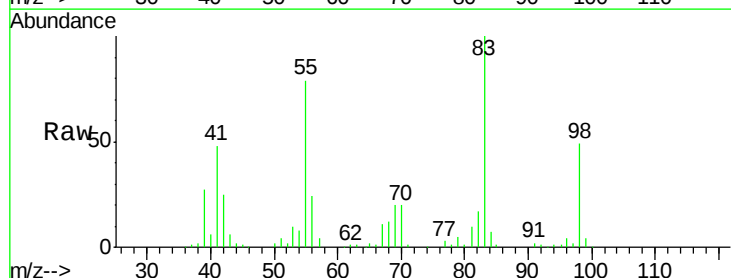
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2018

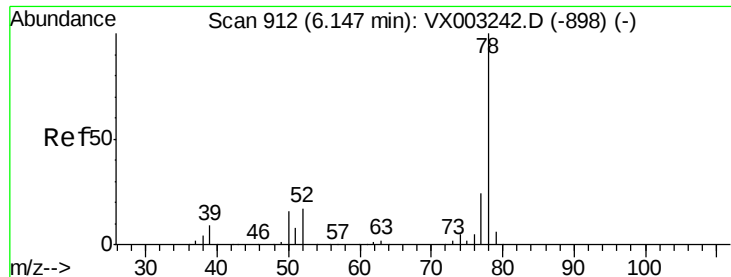
Tot Ion:117 Resp: 46536
Ion Ratio Lower Upper
117 100
119 94.2 77.4 116.0
121 29.1 24.4 36.6



#39
Methylcyclohexane
Concen: 9.23 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Tgt Ion: 83 Resp: 47641
Ion Ratio Lower Upper
83 100
55 79.4 65.4 98.0
98 48.6 37.4 56.0





#40

Benzene

Concen: 10.09 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

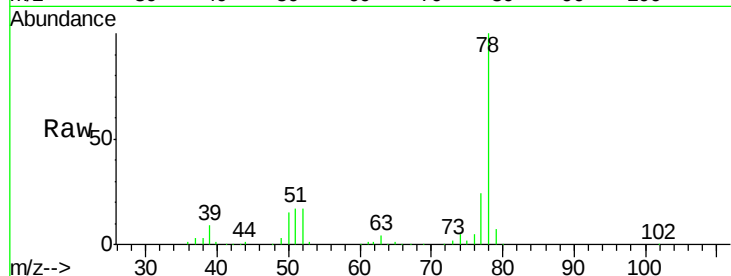
LOQ-WATER-02-QT3-2018

Tot Ion: 78 Resp: 131048

Ion Ratio Lower Upper

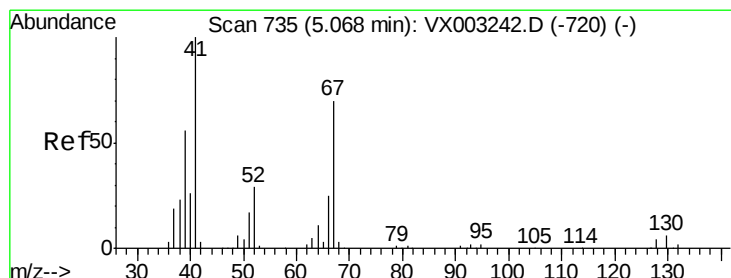
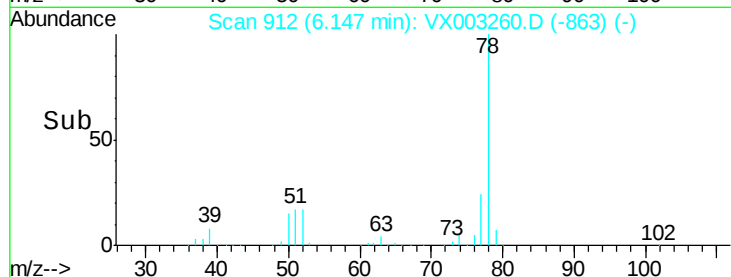
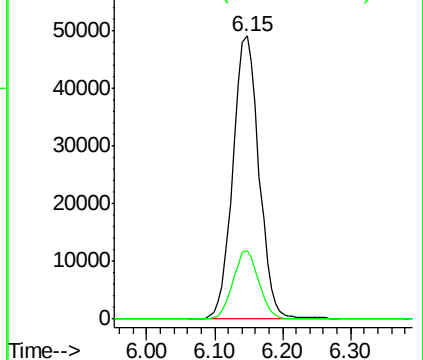
78 100

77 24.2 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 10.09 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Tgt Ion: 41 Resp: 26523

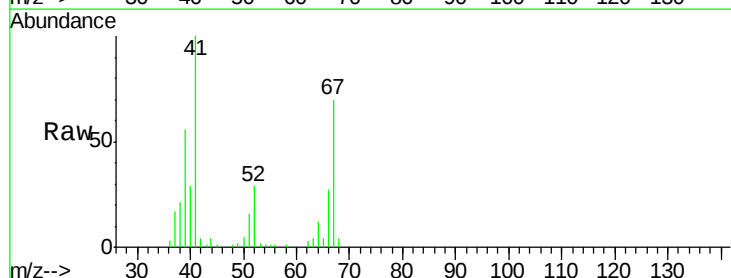
Ion Ratio Lower Upper

41 100

39 55.9 45.8 68.6

67 67.9 51.3 76.9

52 29.2 23.0 34.6

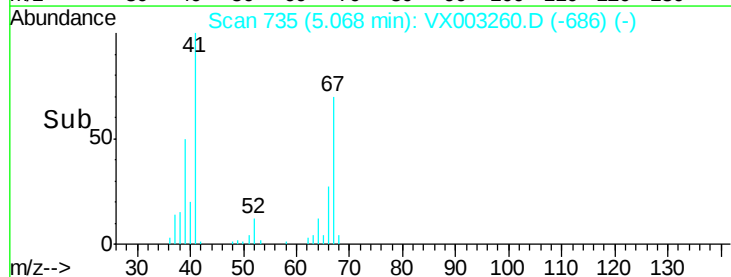
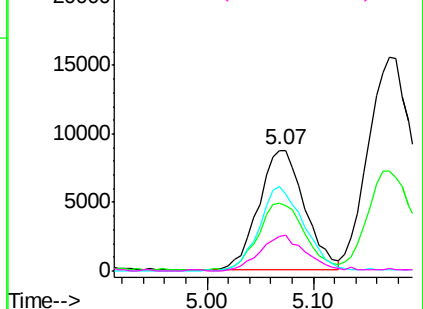


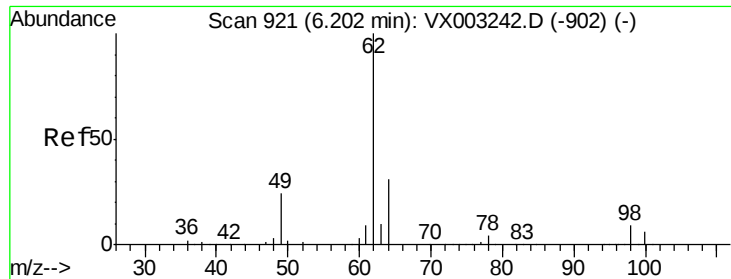
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#42

1,2-Dichloroethane

Concen: 10.01 ug/l

RT: 6.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

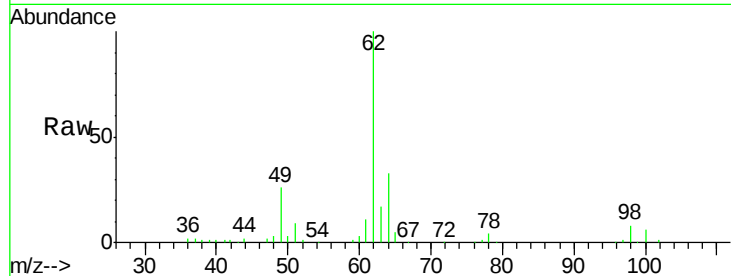
LOQ-WATER-02-QT3-2018

Tot Ion: 62 Resp: 48575

Ion Ratio Lower Upper

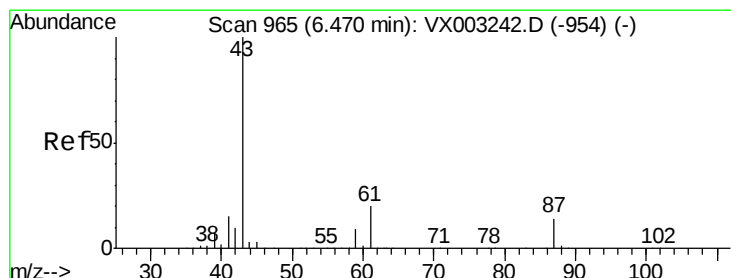
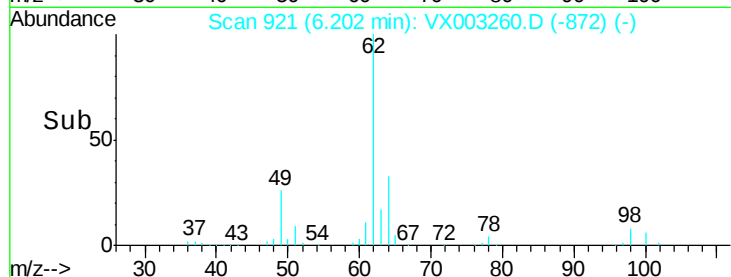
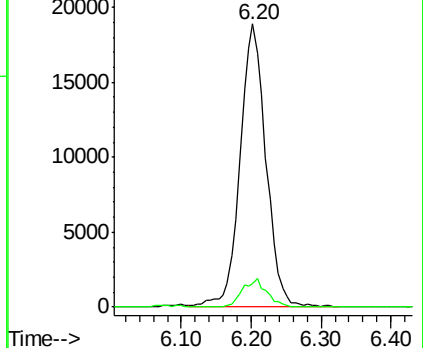
62 100

98 9.5 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#43

Isopropyl Acetate

Concen: 9.69 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

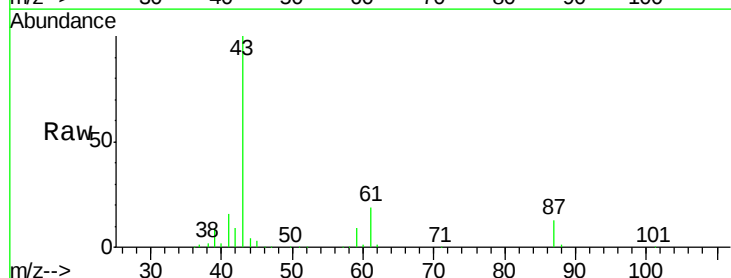
Tgt Ion: 43 Resp: 73072

Ion Ratio Lower Upper

43 100

61 19.3 14.4 21.6

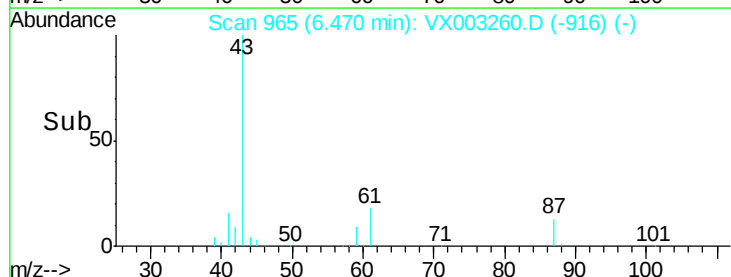
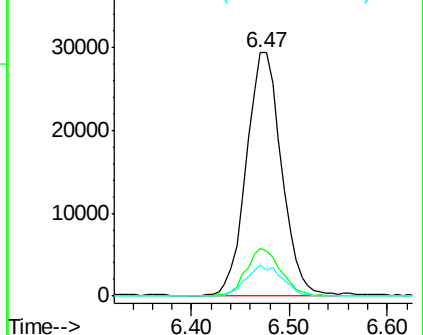
87 13.1 9.5 14.3

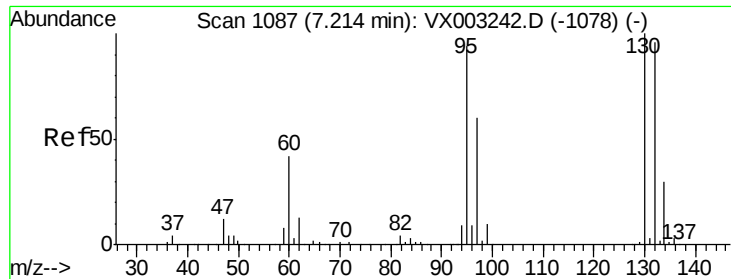


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#44

Trichloroethene

Concen: 10.12 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

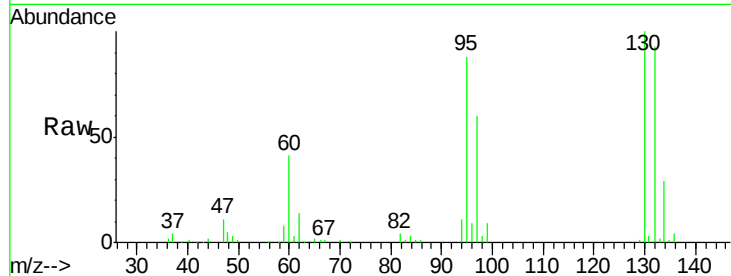
LOQ-WATER-02-QT3-2018

Tot Ion:130 Resp: 38842

Ion Ratio Lower Upper

130 100

95 87.7 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

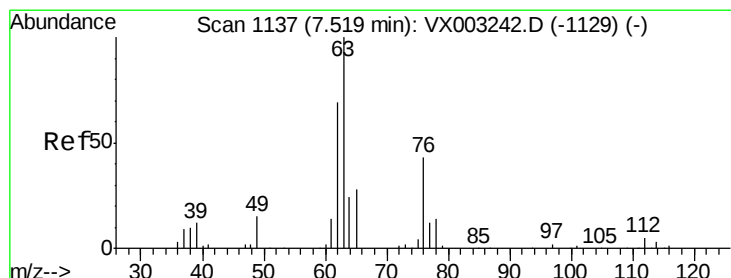
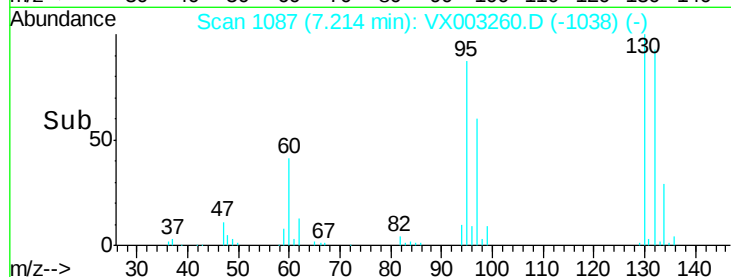
15000

10000

5000

0

Time--> 7.10 7.20 7.30



#45

1,2-Dichloropropane

Concen: 9.77 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003260.D

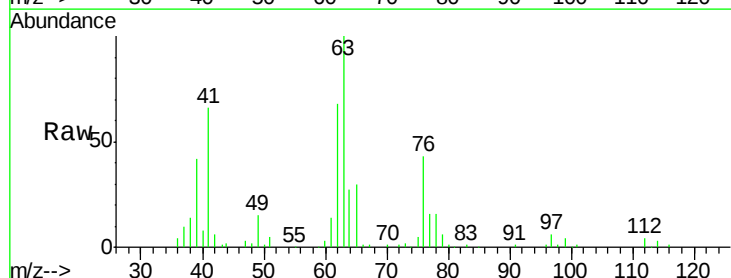
Acq: 09 Jul 2018 22:44

Tgt Ion: 63 Resp: 32964

Ion Ratio Lower Upper

63 100

65 30.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

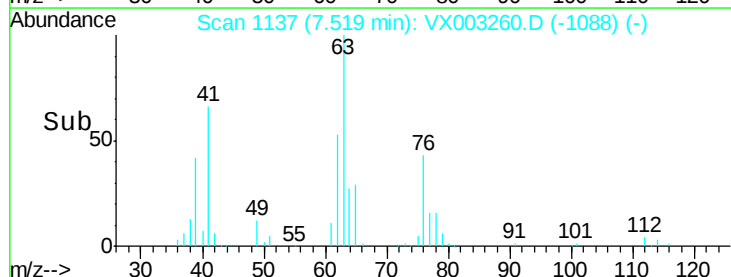
15000

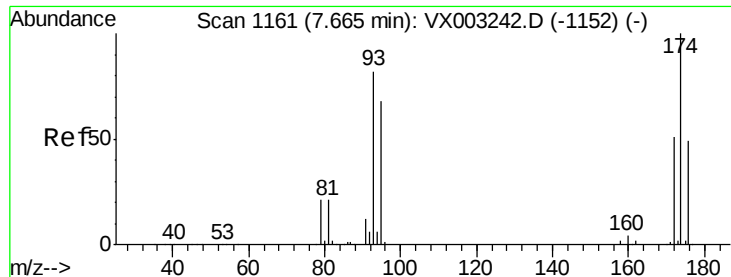
10000

5000

0

Time--> 7.40 7.50 7.60

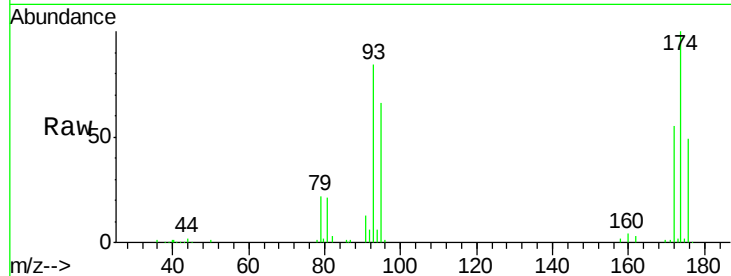




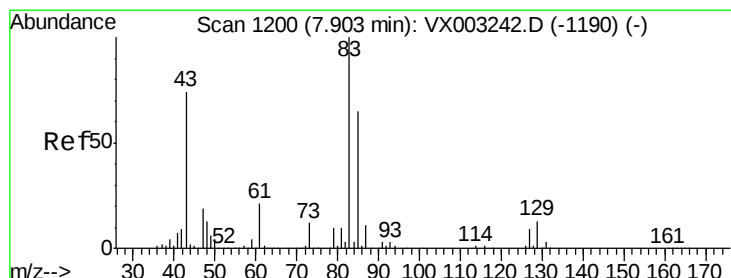
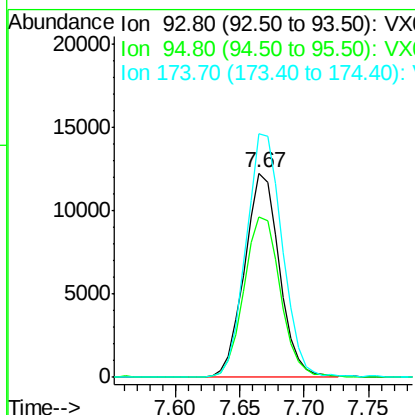
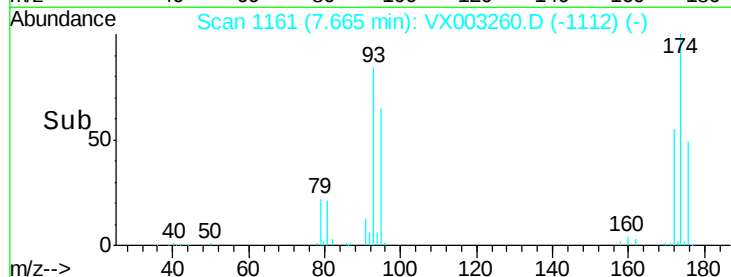
#46
Dibromomethane
Concen: 9.96 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion: 93 Resp: 22924
Ion Ratio Lower Upper
93 100
95 82.0 65.9 98.9
174 123.5 92.4 138.6

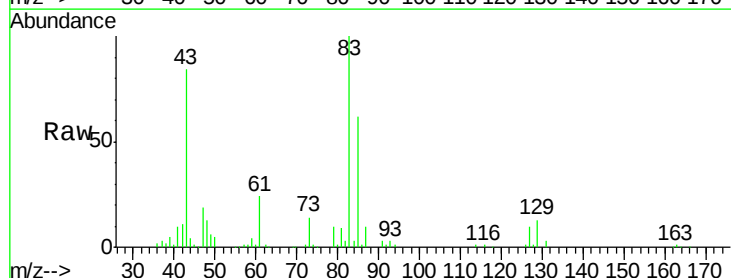


Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

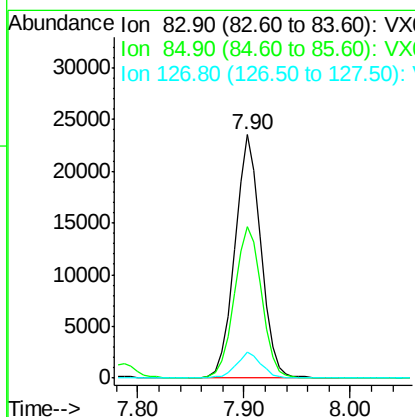
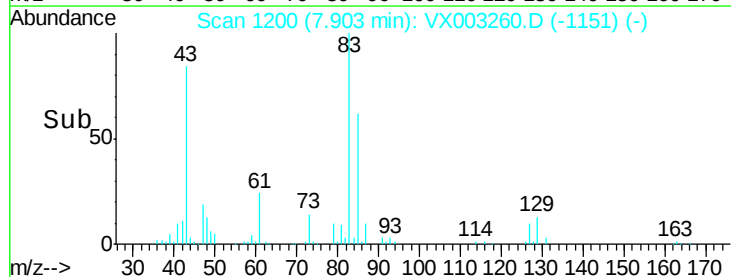


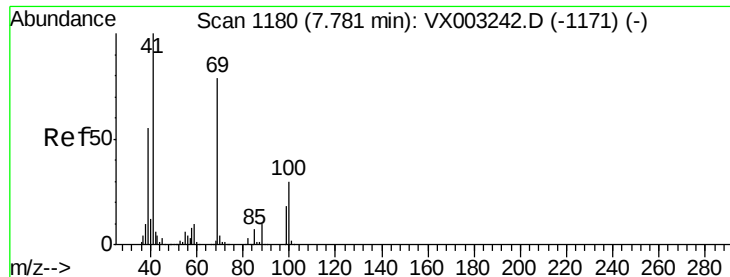
#47
Bromodichloromethane
Concen: 9.48 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Tgt Ion: 83 Resp: 40259
Ion Ratio Lower Upper
83 100
85 62.4 50.3 75.5
127 10.4 7.0 10.4#



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

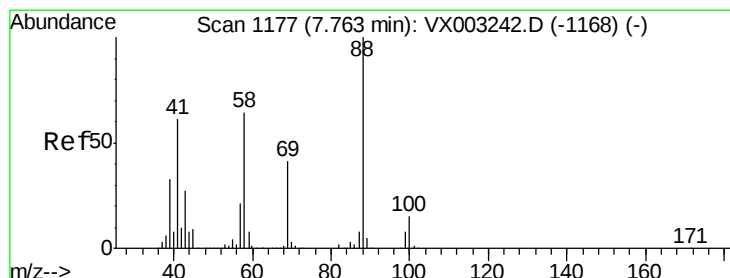
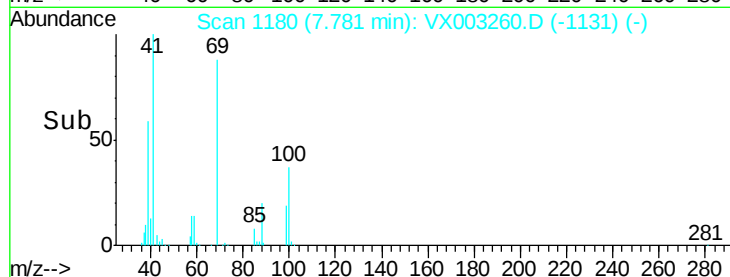
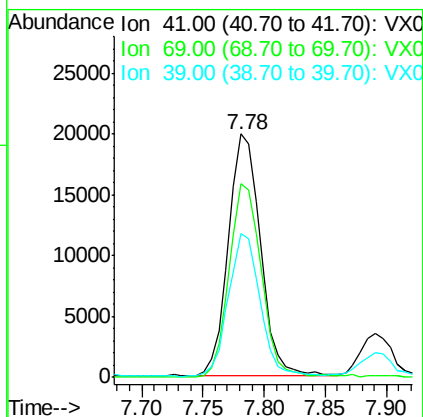
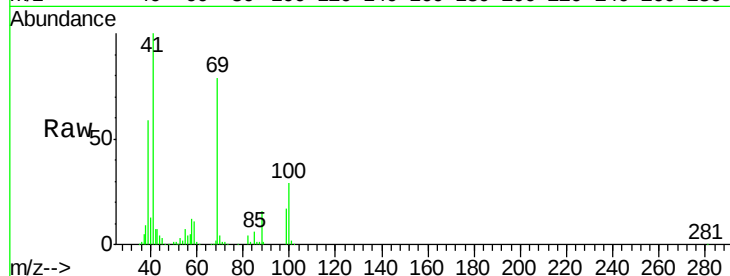




#48
Methvl methacrylate
Concen: 9.43 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

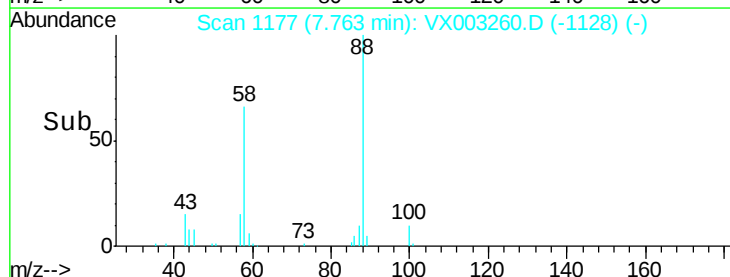
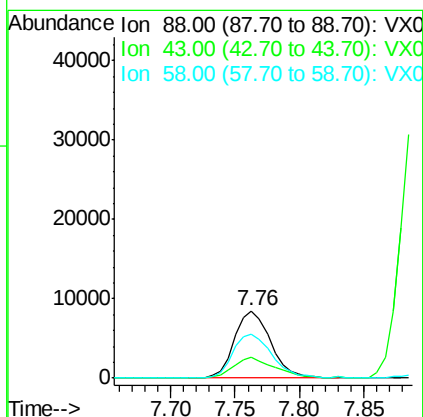
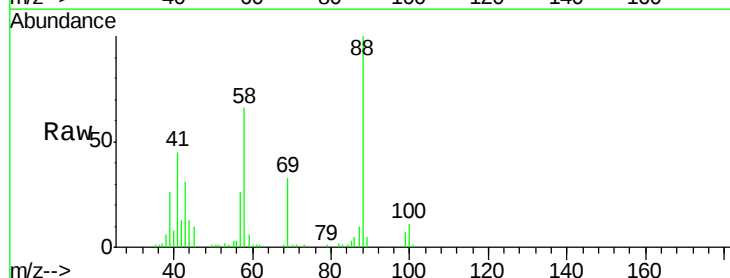
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2018

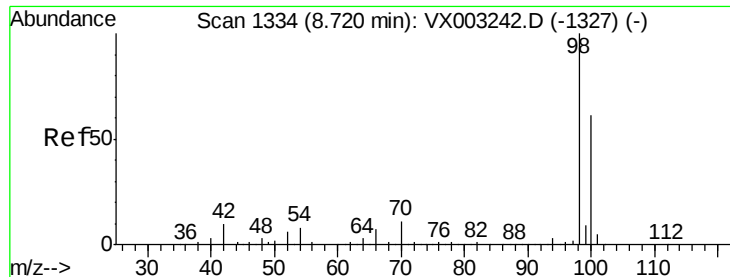
Tot Ion: 41 Resp: 36472
Ion Ratio Lower Upper
41 100
69 79.2 59.1 88.7
39 58.0 48.9 73.3



#49
1,4-Dioxane
Concen: 205.20 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Tgt Ion: 88 Resp: 16596
Ion Ratio Lower Upper
88 100
43 33.5 29.8 44.6
58 72.0 57.1 85.7





#50

Toluene-d8

Concen: 50.01 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

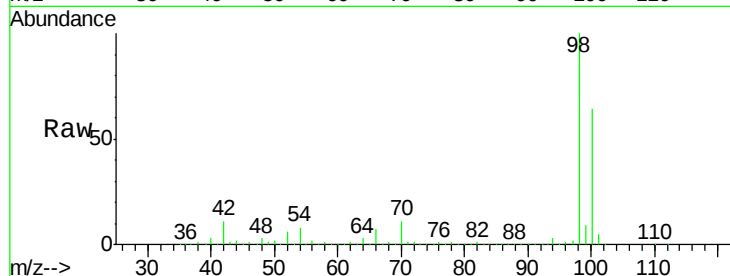
LOQ-WATER-02-QT3-2018

Tot Ion: 98 Resp: 590568

Ion Ratio Lower Upper

98 100

100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

400000

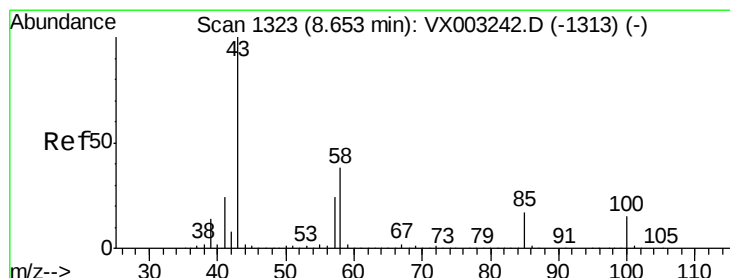
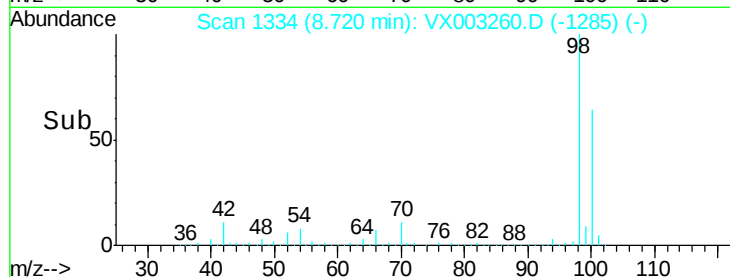
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 49.58 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX003260.D

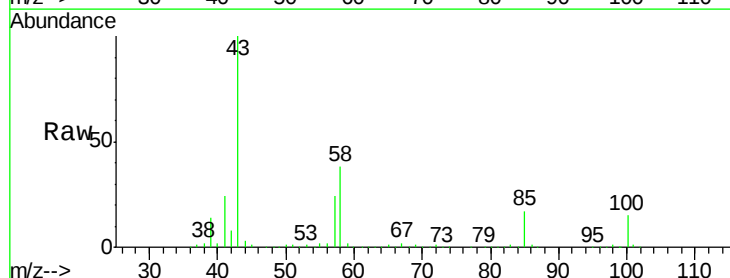
Acq: 09 Jul 2018 22:44

Tgt Ion: 43 Resp: 232791

Ion Ratio Lower Upper

43 100

58 37.6 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

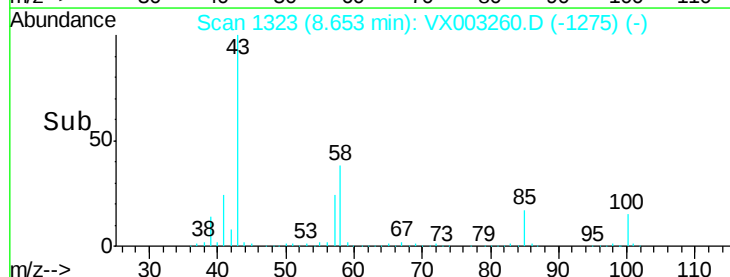
150000

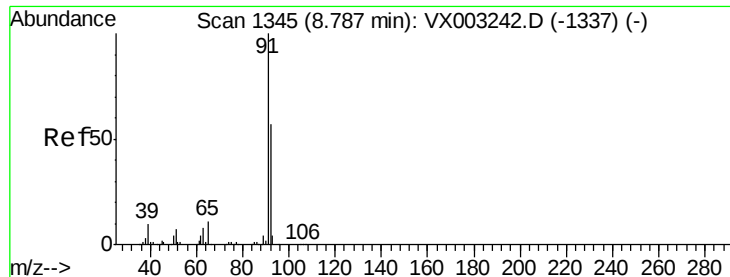
100000

50000

0

Time-->





#52

Toluene

Concen: 10.18 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

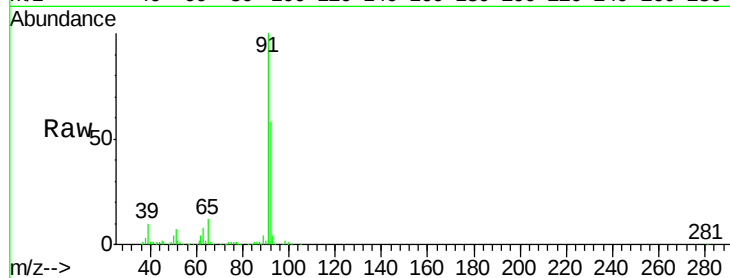
LOQ-WATER-02-QT3-2018

Tot Ion: 92 Resp: 83563

Ion Ratio Lower Upper

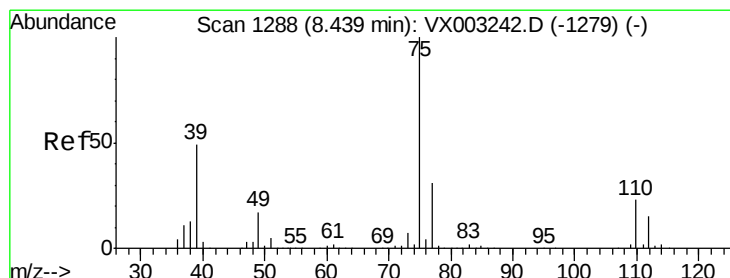
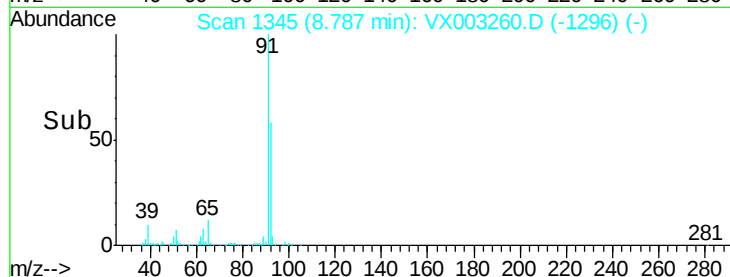
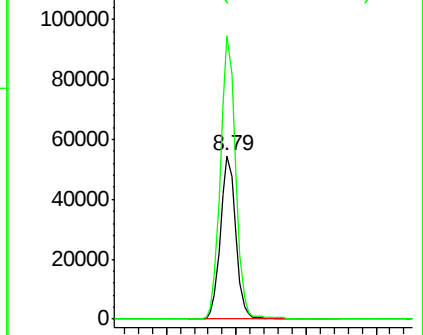
92 100

91 172.4 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 8.70 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003260.D

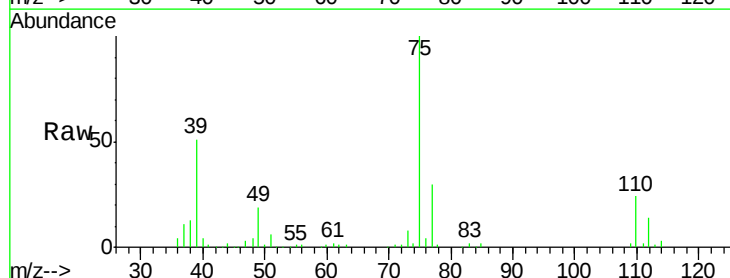
Acq: 09 Jul 2018 22:44

Tgt Ion: 75 Resp: 43481

Ion Ratio Lower Upper

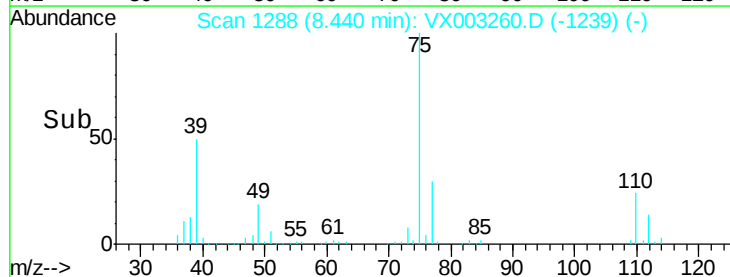
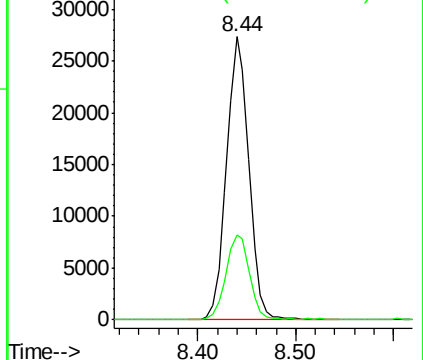
75 100

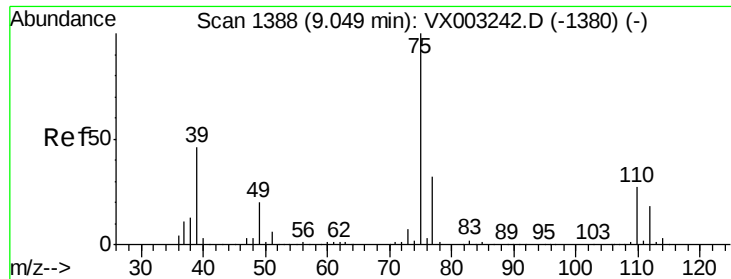
77 29.8 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



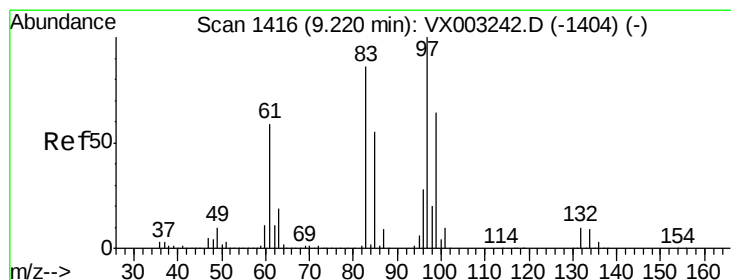
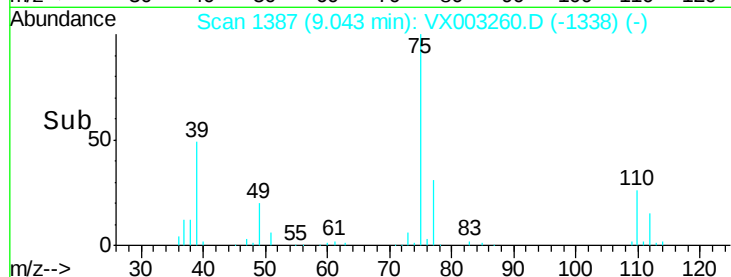
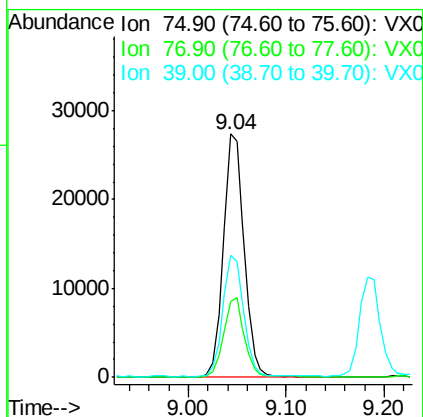
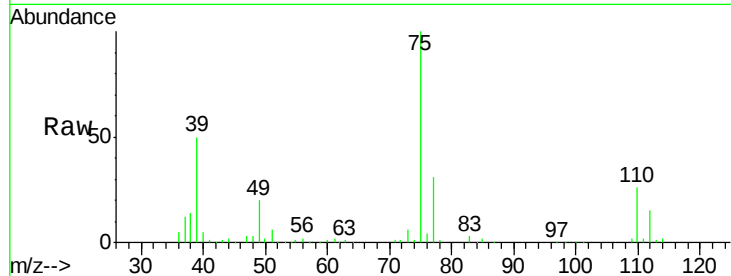


#54

cis-1,3-Dichloropropene
Concen: 8.88 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2018

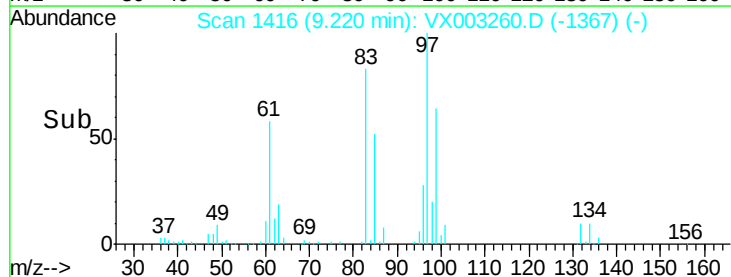
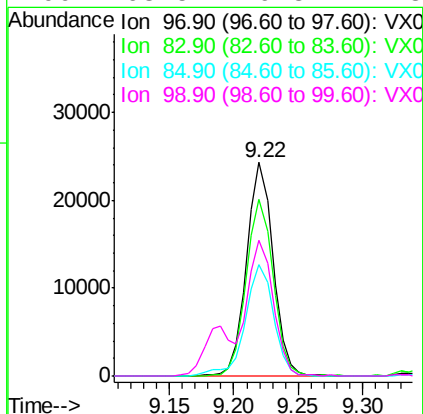
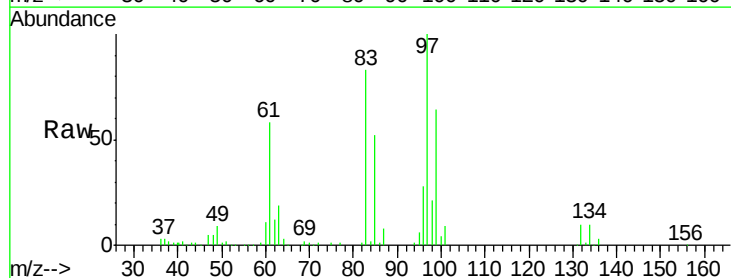
Tot Ion: 75 Resp: 40388
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 50.0 42.4 63.6

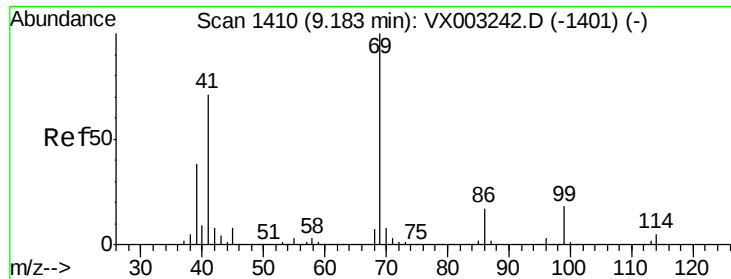


#55

1,1,2-Trichloroethane
Concen: 10.11 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Tgt Ion: 97 Resp: 34435
Ion Ratio Lower Upper
97 100
83 82.8 70.2 105.2
85 52.1 44.9 67.3
99 63.5 49.8 74.8





#56

Ethyl methacrylate

Concen: 9.73 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2018

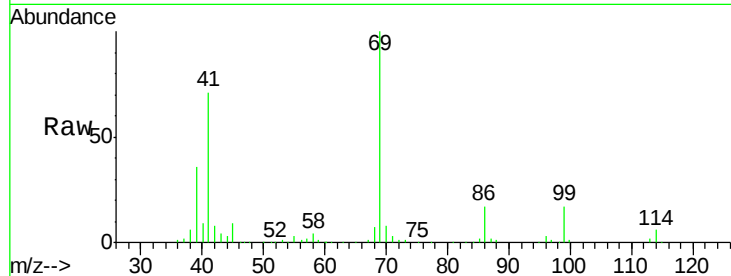
Tot Ion: 69 Resp: 45389

Ion Ratio Lower Upper

69 100

41 69.4 60.3 90.5

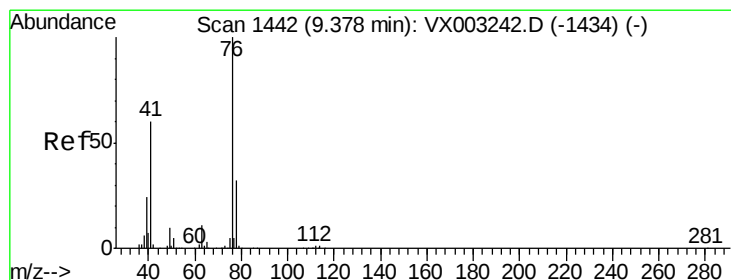
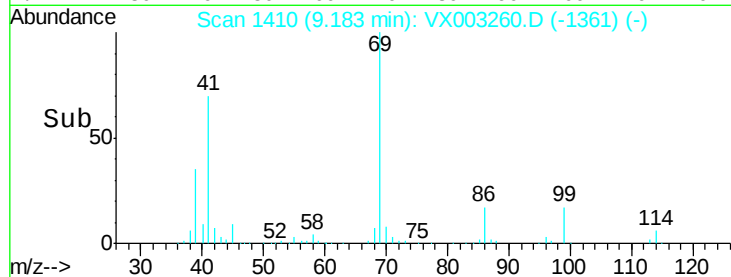
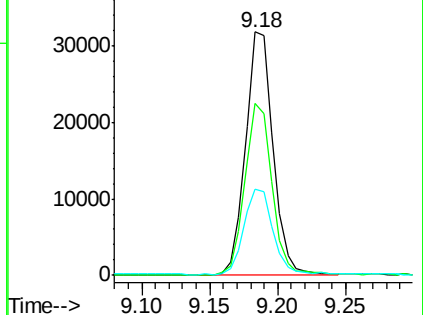
39 36.8 35.8 53.8



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 10.07 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003260.D

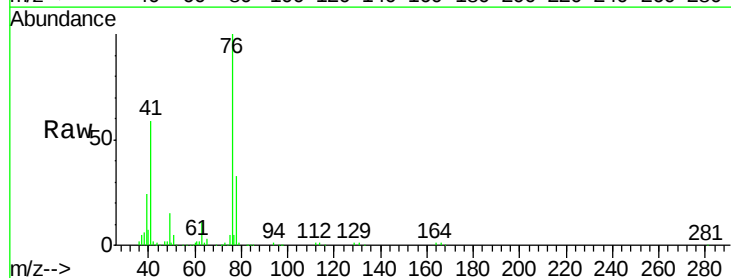
Acq: 09 Jul 2018 22:44

Tgt Ion: 76 Resp: 55242

Ion Ratio Lower Upper

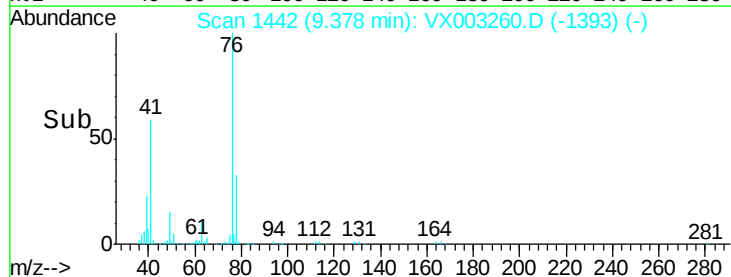
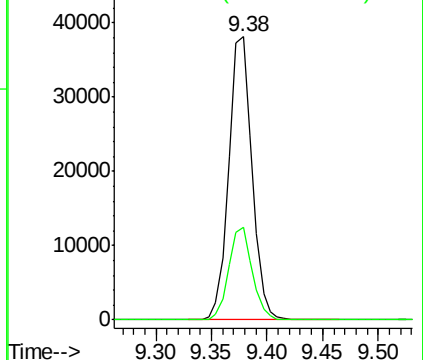
76 100

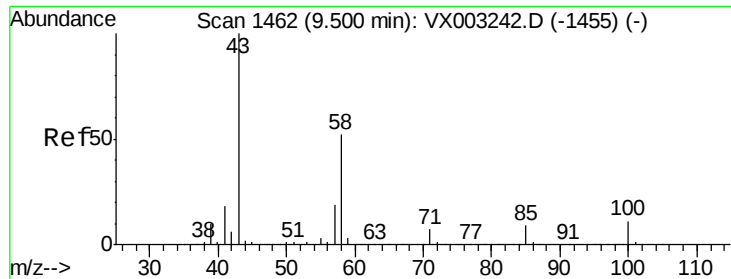
78 33.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

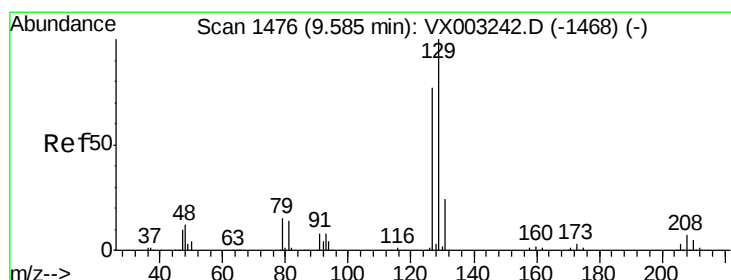
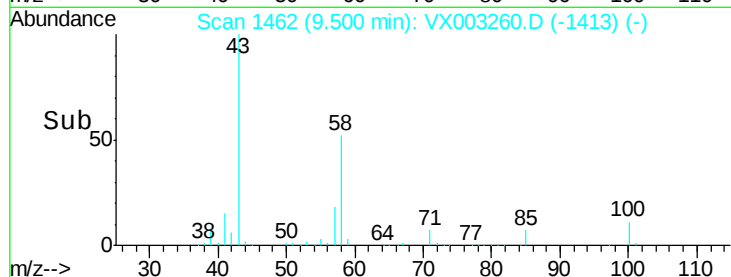
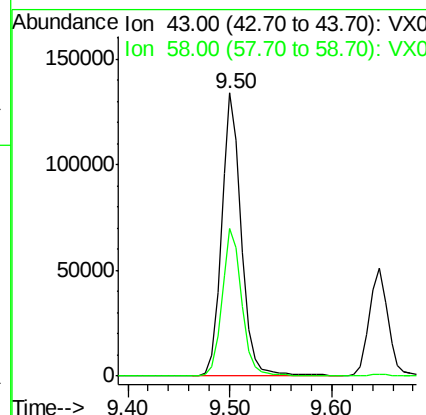
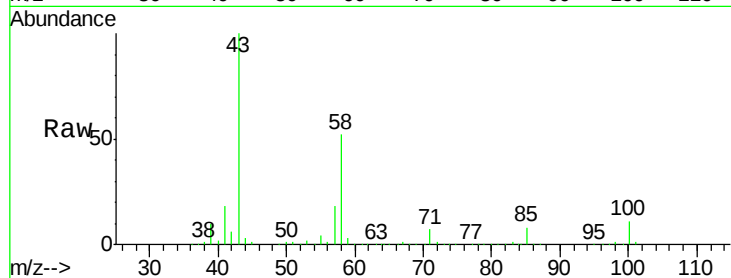




#59
2-Hexanone
Concen: 50.83 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

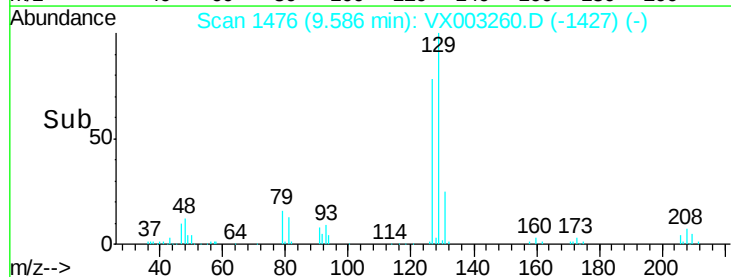
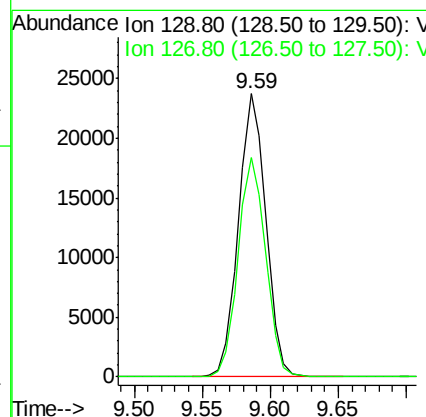
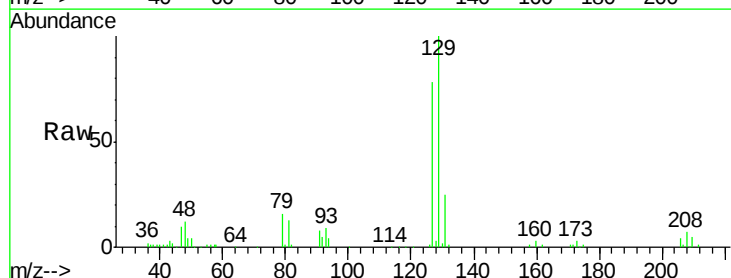
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2018

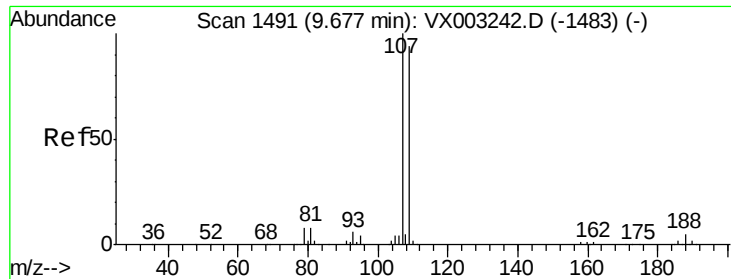
Tot Ion: 43 Resp: 181267
Ion Ratio Lower Upper
43 100
58 52.4 24.6 73.6



#60
Dibromochloromethane
Concen: 9.37 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Tgt Ion: 129 Resp: 33313
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 10.11 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

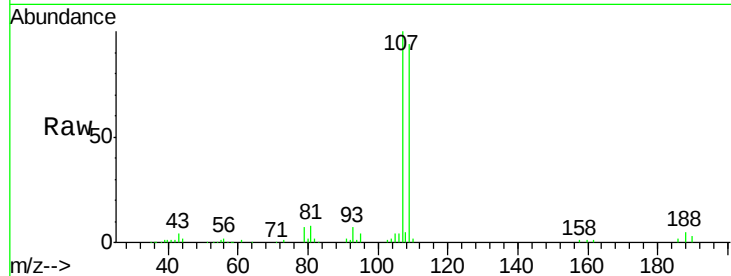
LOQ-WATER-02-QT3-2018

Tot Ion:107 Resp: 36079

Ion Ratio Lower Upper

107 100

109 94.4 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

25000

20000

15000

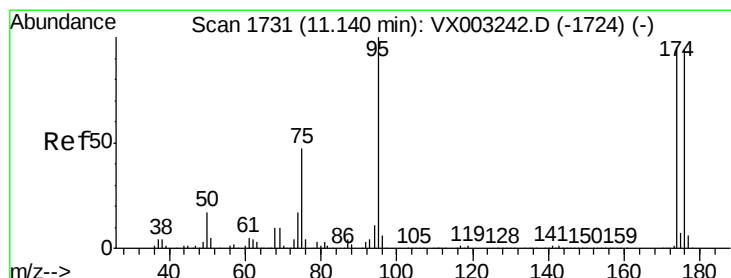
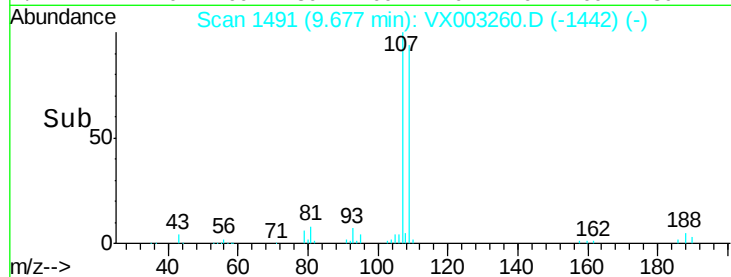
10000

5000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

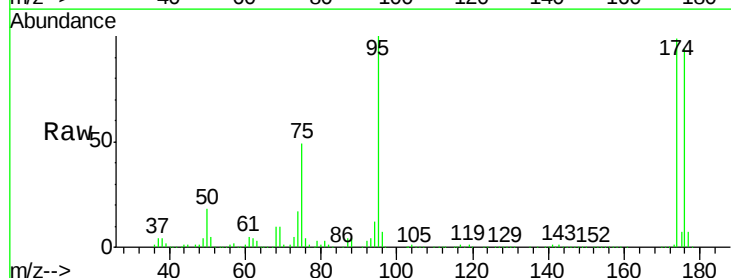
Tgt Ion: 95 Resp: 220604

Ion Ratio Lower Upper

95 100

174 101.6 0.0 187.4

176 97.5 0.0 181.0



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

11.14

200000

150000

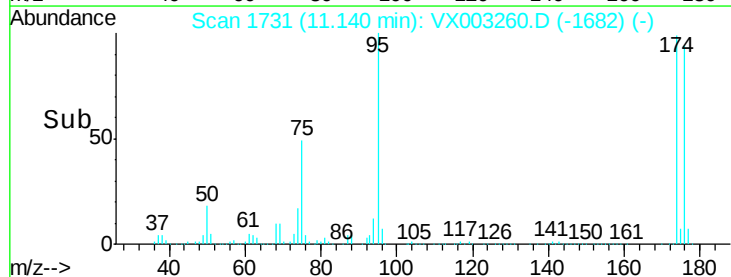
100000

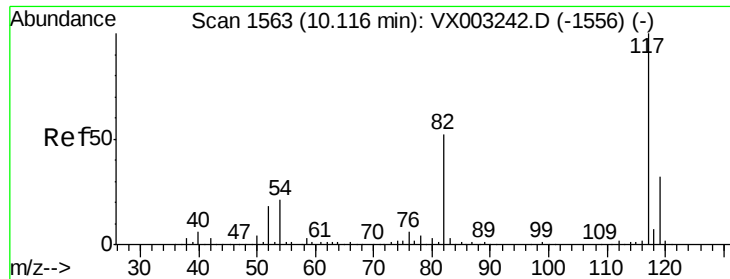
50000

0

Time-->

11.10 11.20

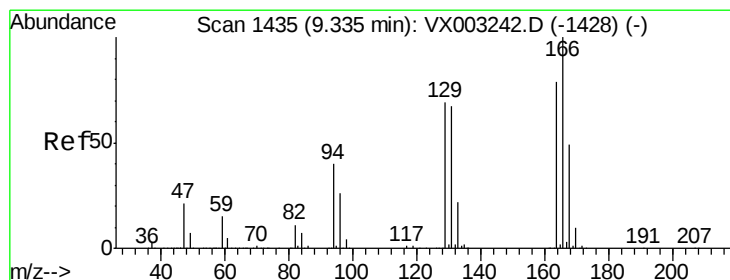
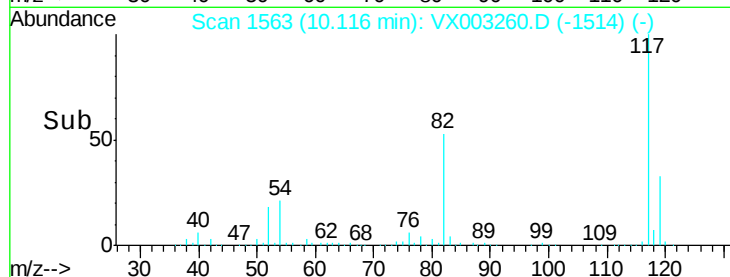
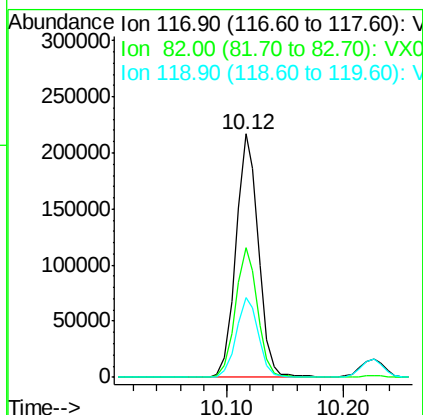
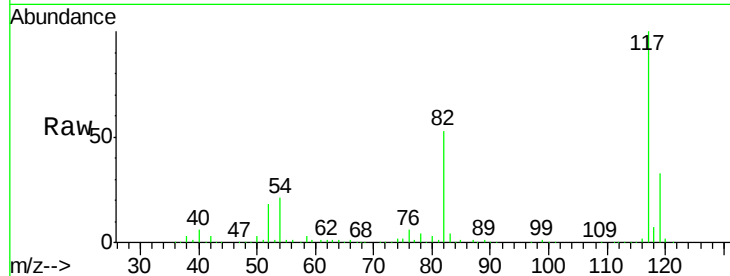




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

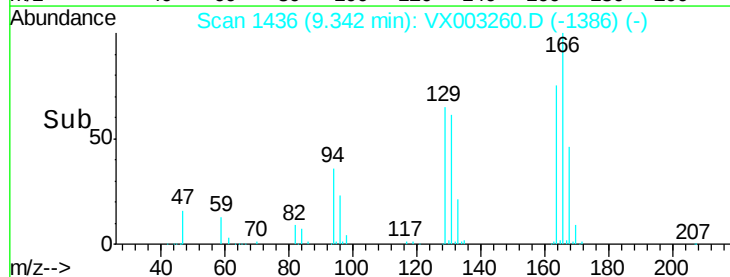
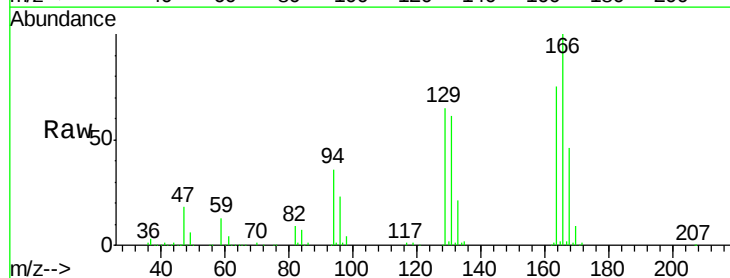
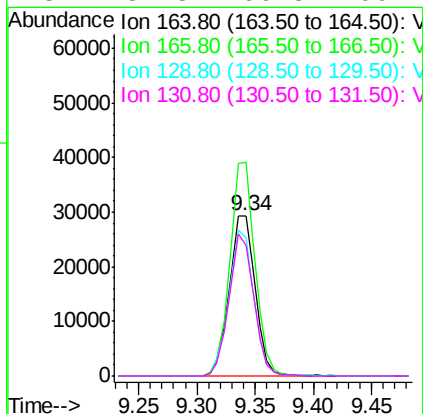
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2018

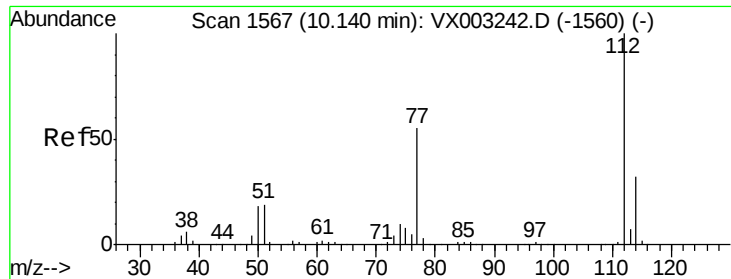
Tot Ion:117 Resp: 291193
Ion Ratio Lower Upper
117 100
82 53.2 45.0 67.4
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 10.40 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Tgt Ion:164 Resp: 45781
Ion Ratio Lower Upper
164 100
166 133.2 102.9 154.3
129 86.0 68.6 102.8
131 81.8 66.8 100.2





#65

Chlorobenzene

Concen: 9.88 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

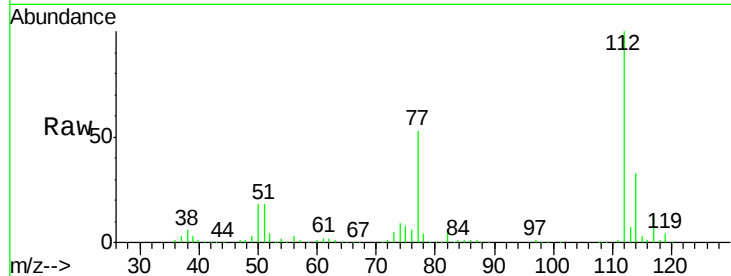
LOQ-WATER-02-QT3-2018

Tot Ion:112 Resp: 97728

Ion Ratio Lower Upper

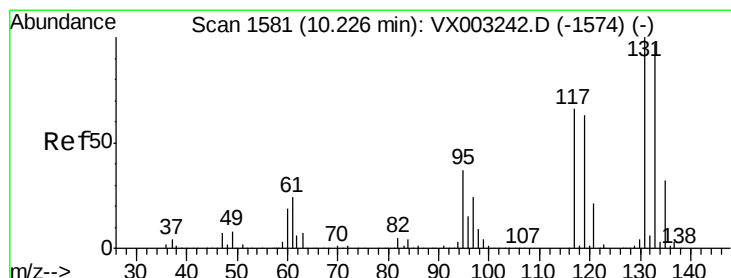
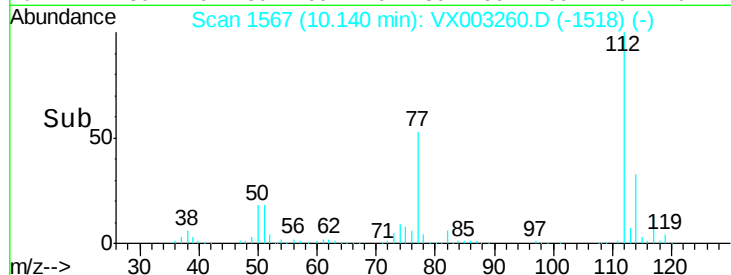
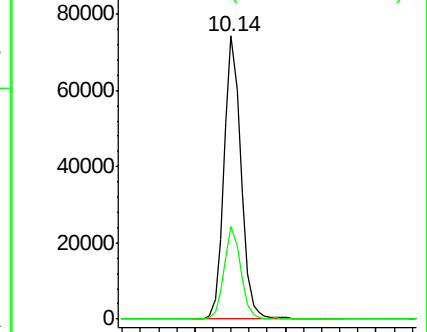
112 100

114 32.9 25.3 37.9



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: 9.98 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

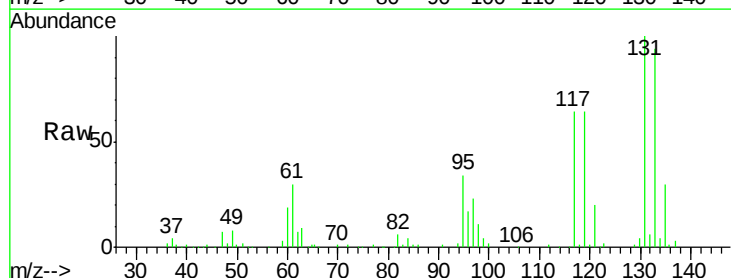
Tgt Ion:131 Resp: 35625

Ion Ratio Lower Upper

131 100

133 93.9 47.9 143.6

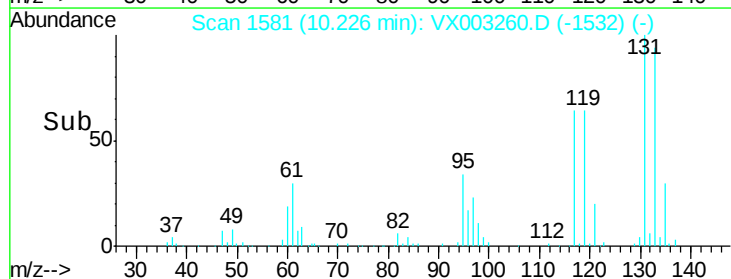
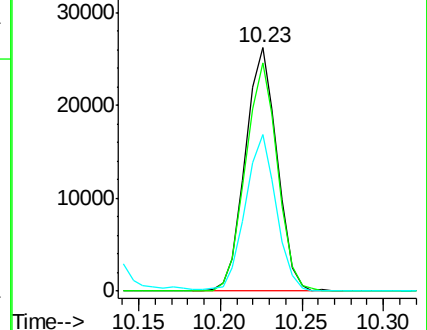
119 62.9 31.8 95.3

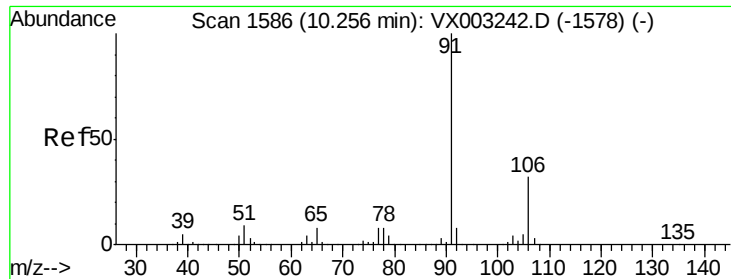


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

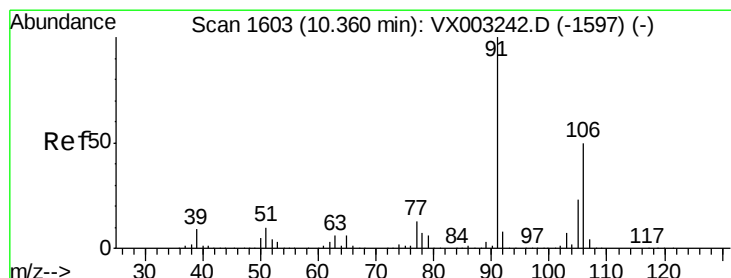
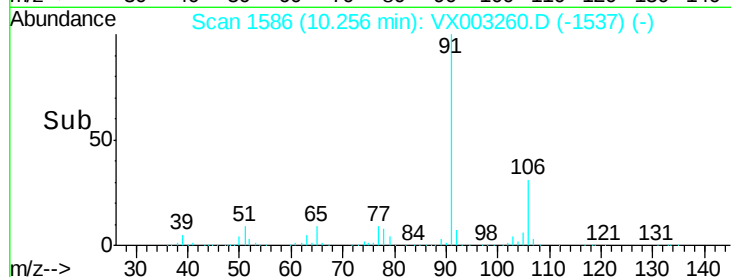
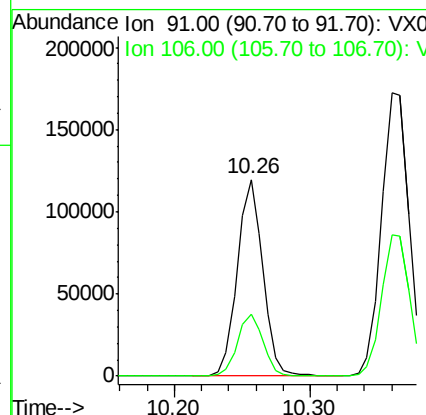
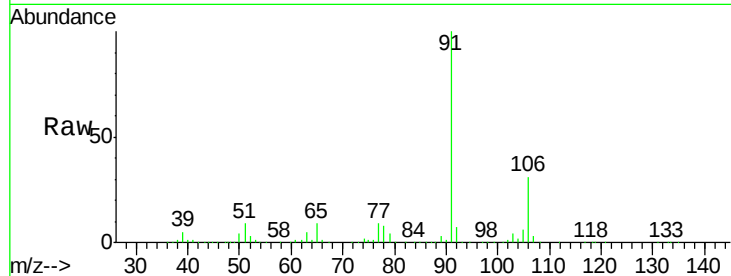




#67
Ethyl Benzene
Concen: 9.77 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

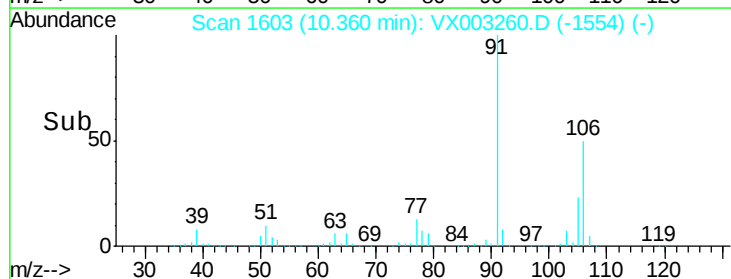
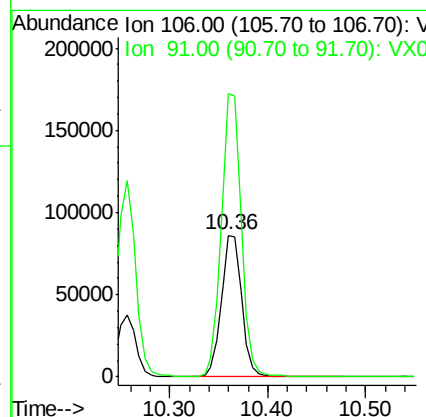
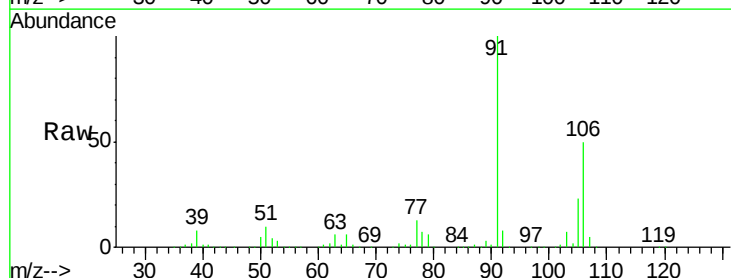
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2018

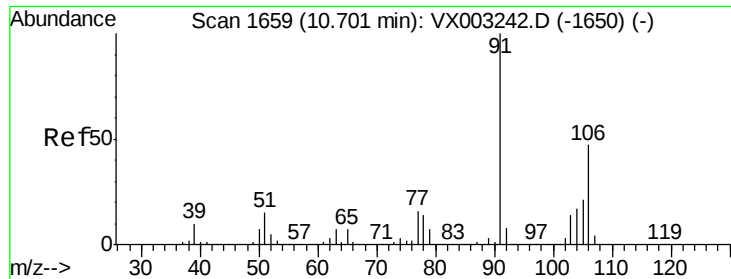
Tot Ion: 91 Resp: 156340
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 19.90 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Tgt Ion: 106 Resp: 123896
Ion Ratio Lower Upper
106 100
91 198.3 163.4 245.2

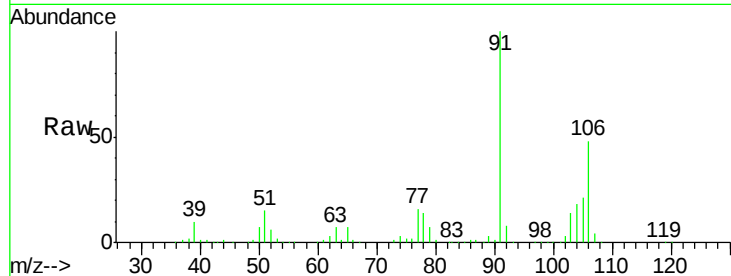




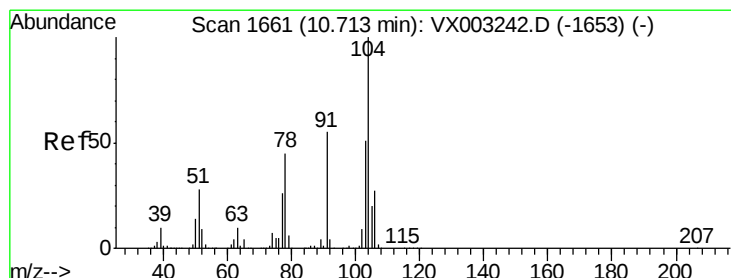
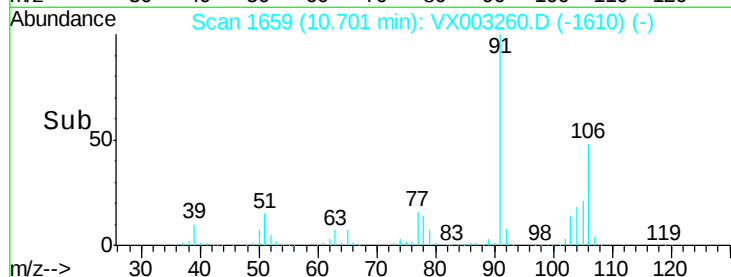
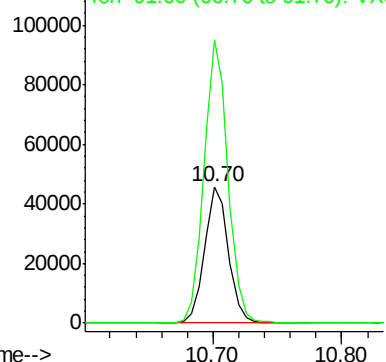
#69
o-Xylene
Concen: 9.83 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion:106 Resp: 59254
Ion Ratio Lower Upper
106 100
91 208.7 108.2 324.6

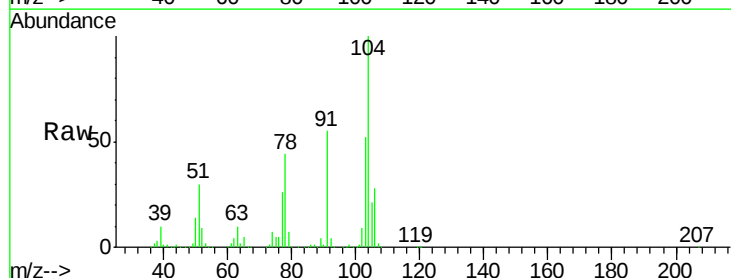


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

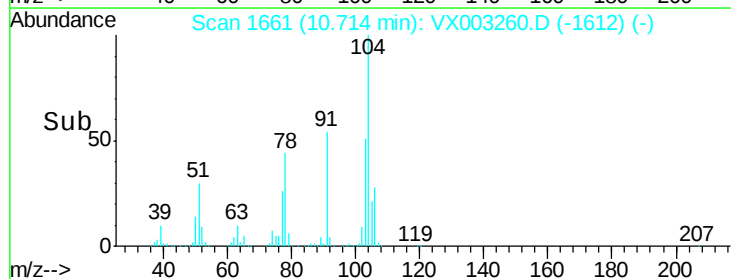
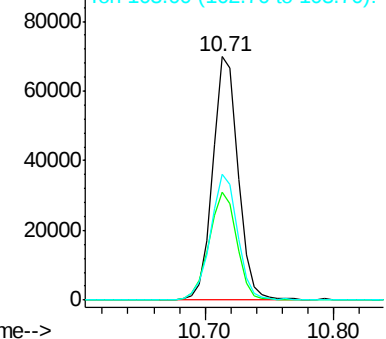


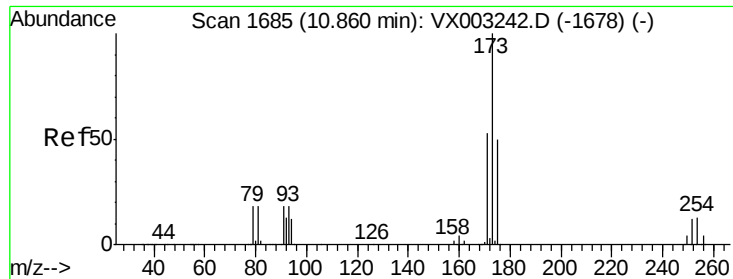
#70
Styrene
Concen: 9.73 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Tgt Ion:104 Resp: 95143
Ion Ratio Lower Upper
104 100
78 49.0 41.0 61.6
103 55.4 44.2 66.4



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

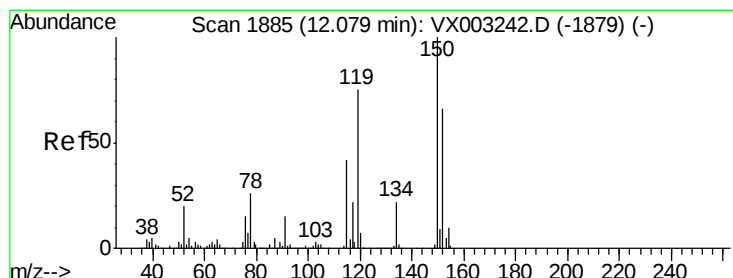
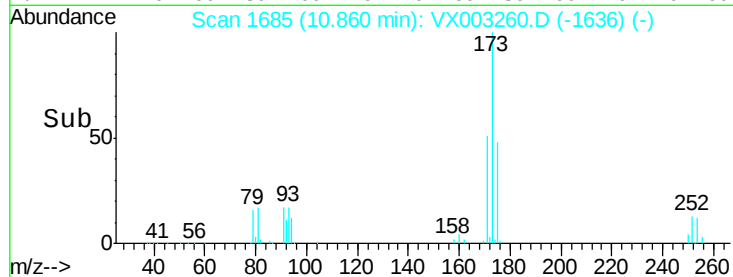
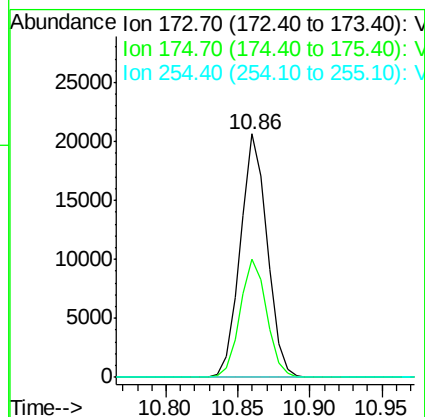
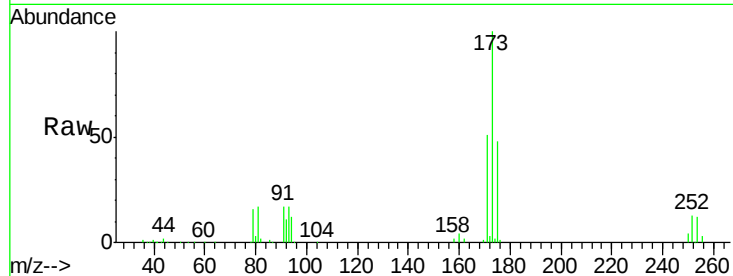




#71
Bromoform
Concen: 9.14 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

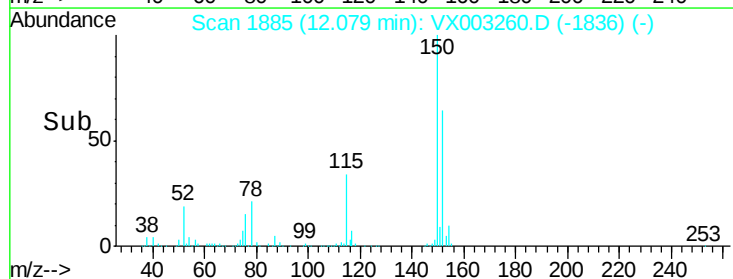
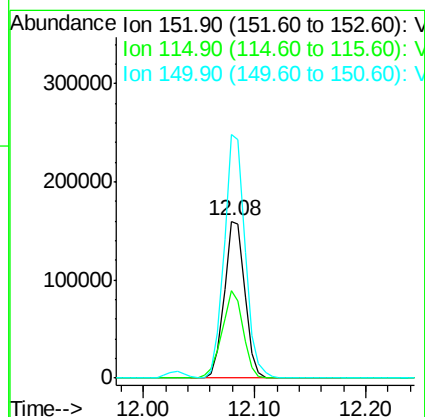
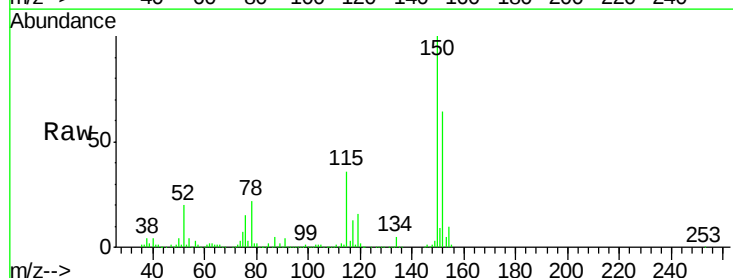
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2018

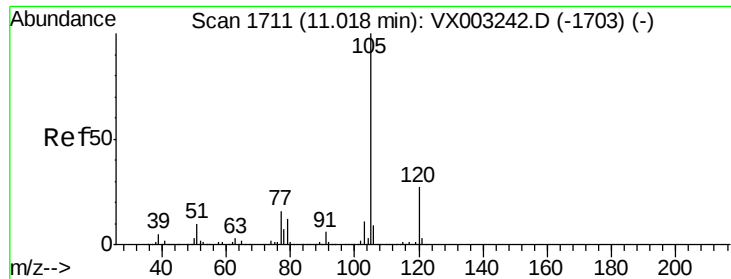
Tot Ion:173 Resp: 26847
Ion Ratio Lower Upper
173 100
175 48.1 24.7 74.1
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Tgt Ion:152 Resp: 203537
Ion Ratio Lower Upper
152 100
115 57.9 40.1 120.2
150 158.9 0.0 347.2





#73

Isopropylbenzene

Concen: 10.17 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

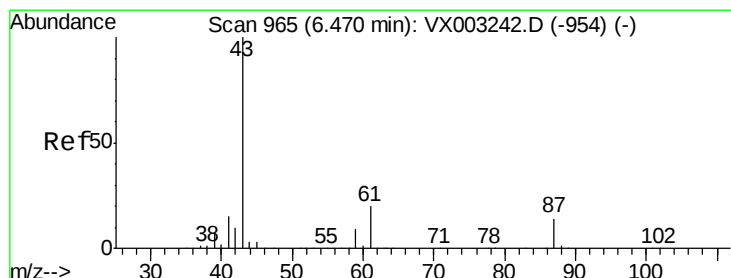
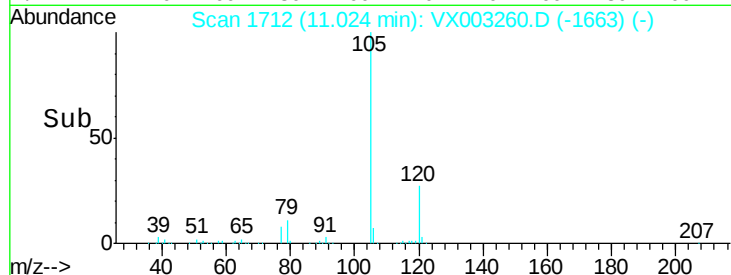
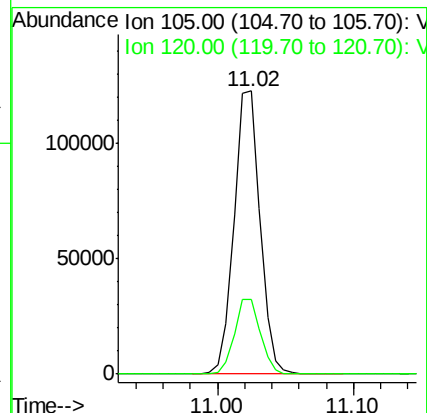
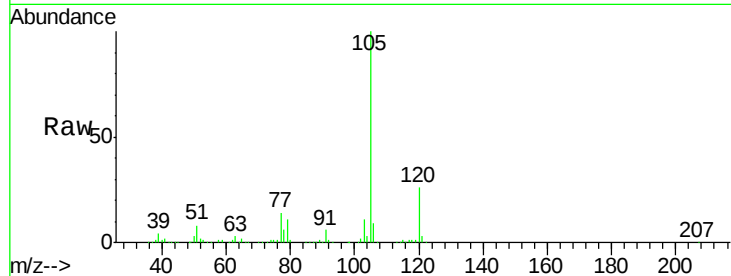
LOQ-WATER-02-QT3-2018

Tot Ion:105 Resp: 163435

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.4



#74

N-ethyl acetate

Concen: 9.53 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Tgt Ion: 43 Resp: 73072

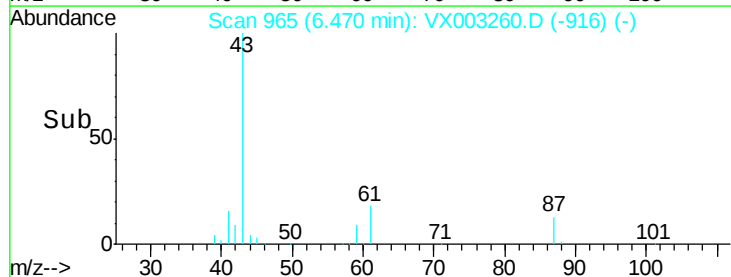
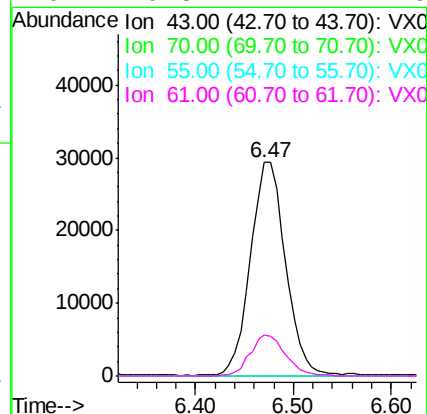
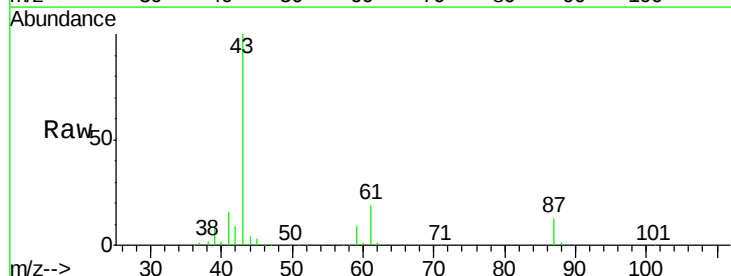
Ion Ratio Lower Upper

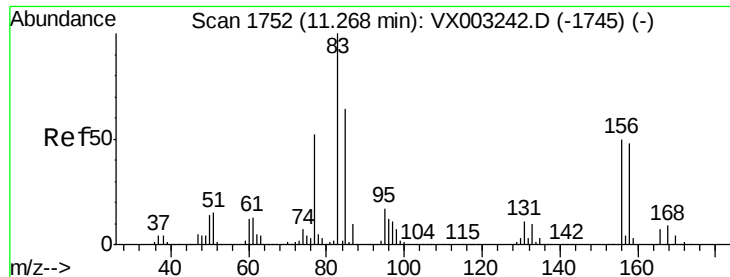
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 19.3 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 9.93 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2018

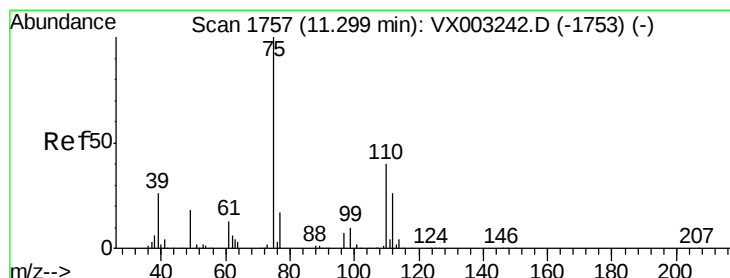
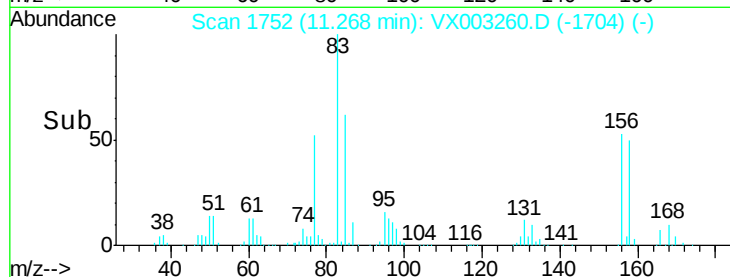
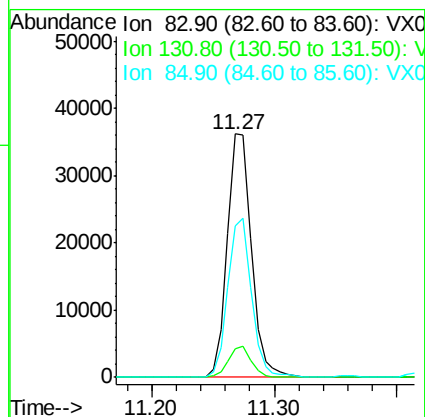
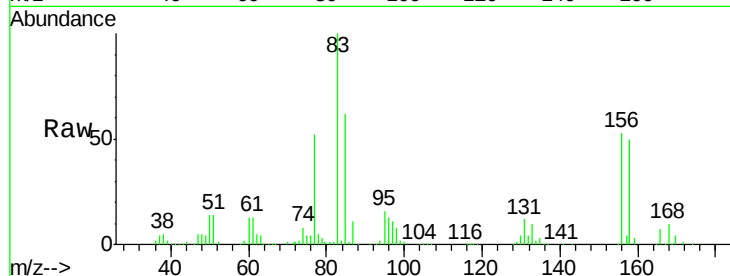
Tot Ion: 83 Resp: 49485

Ion Ratio Lower Upper

83 100

131 11.9 5.6 16.8

85 64.0 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 11.94 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003260.D

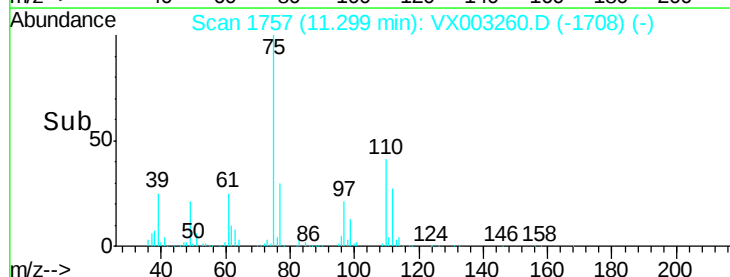
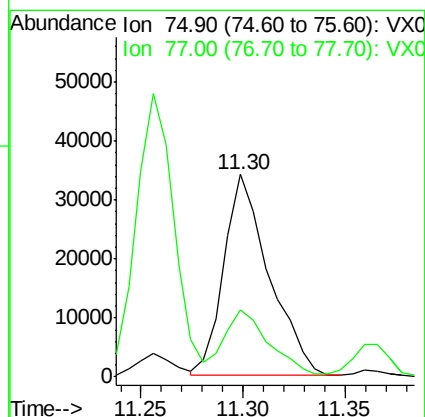
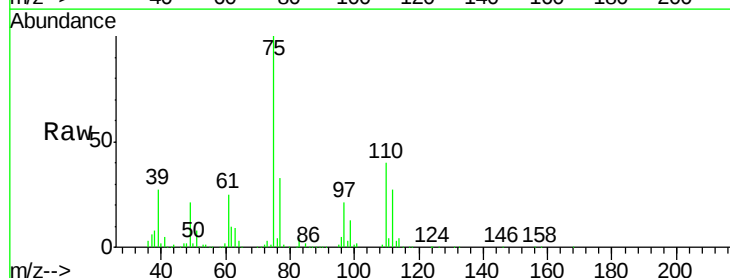
Acq: 09 Jul 2018 22:44

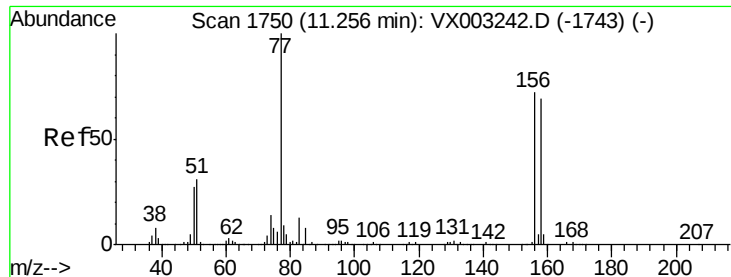
Tgt Ion: 75 Resp: 52502

Ion Ratio Lower Upper

75 100

77 33.4 22.8 68.3





#77

Bromobenzene

Concen: 10.24 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2018

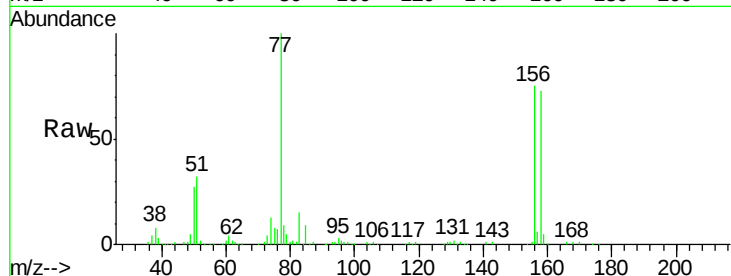
Tot Ion:156 Resp: 47519

Ion Ratio Lower Upper

156 100

77 130.1 71.4 214.2

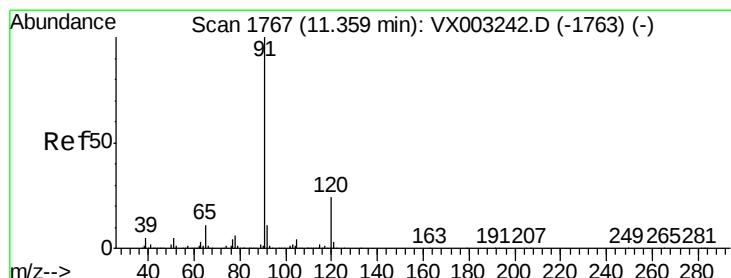
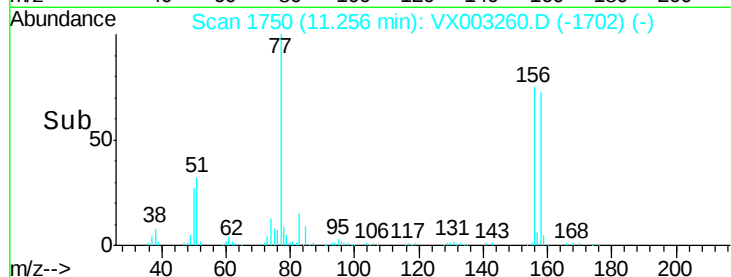
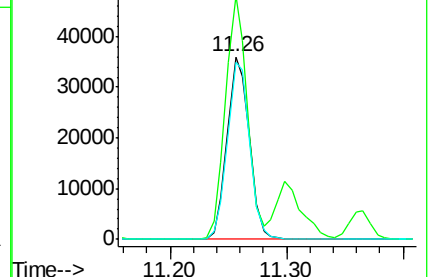
158 97.3 48.9 146.6



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: 9.97 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003260.D

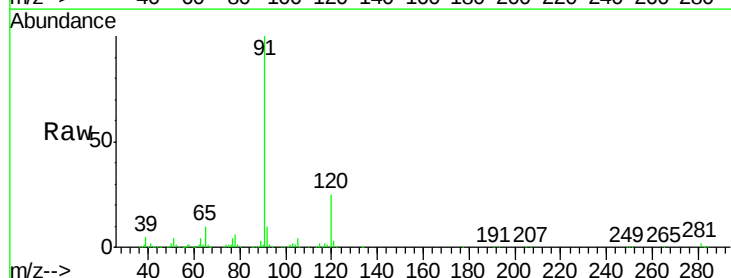
Acq: 09 Jul 2018 22:44

Tgt Ion: 91 Resp: 178048

Ion Ratio Lower Upper

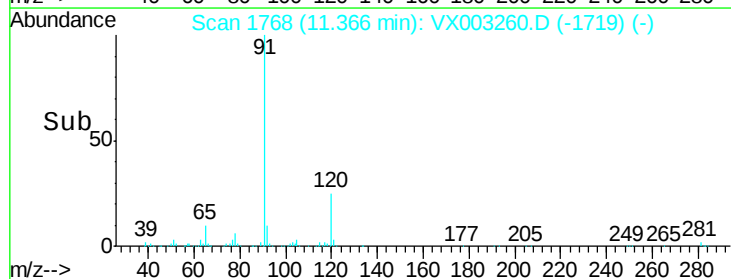
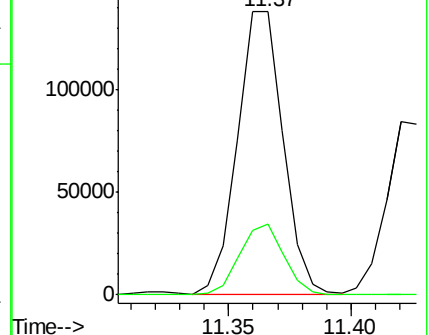
91 100

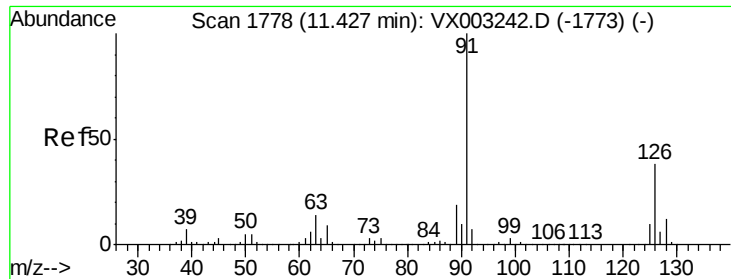
120 24.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

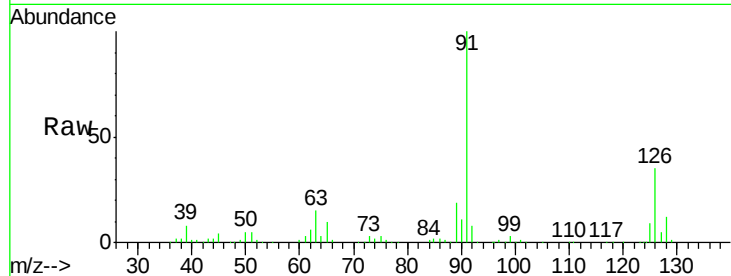




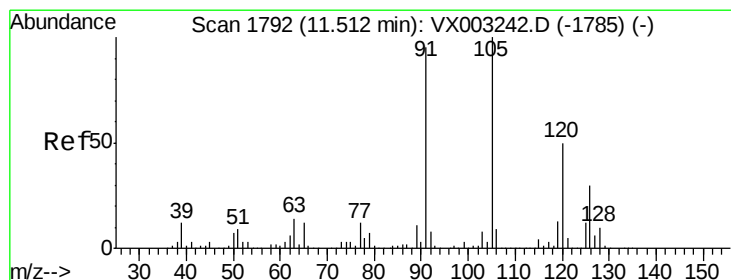
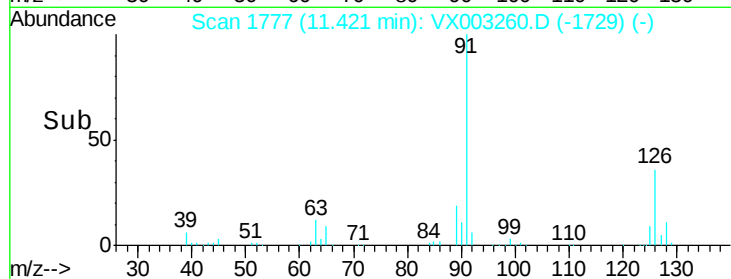
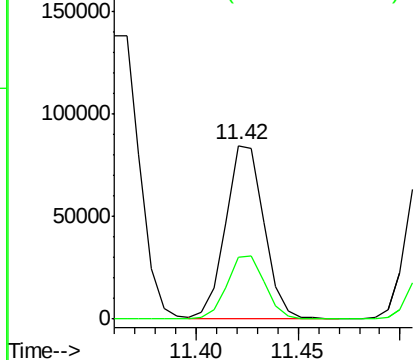
#79
 2-Chlorotoluene
 Concen: 10.02 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: VX003260.D
 Acq: 09 Jul 2018 22:44

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion: 91 Resp: 109112
 Ion Ratio Lower Upper
 91 100
 126 36.6 17.7 53.1

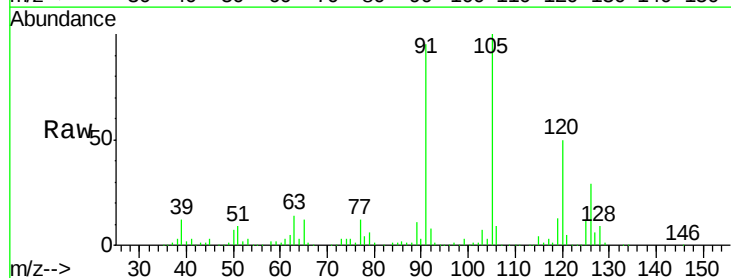


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

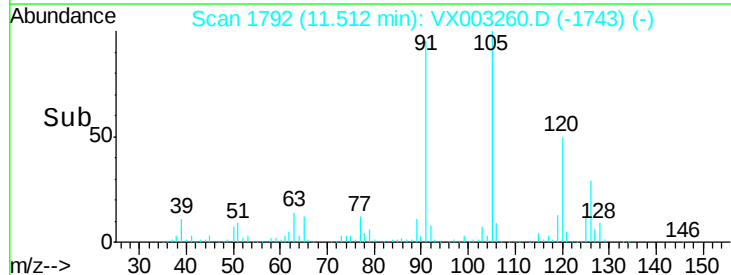
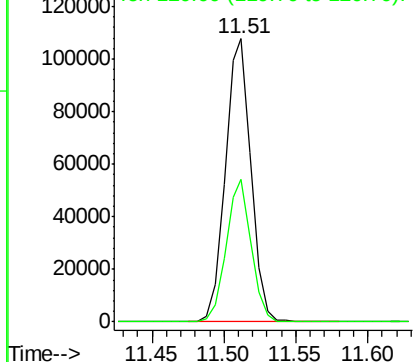


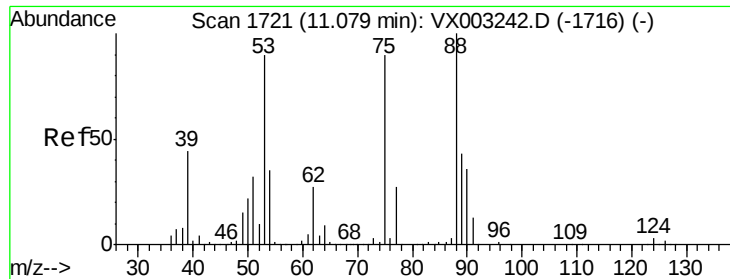
#80
 1,3,5-Trimethylbenzene
 Concen: 10.06 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003260.D
 Acq: 09 Jul 2018 22:44

Tgt Ion: 105 Resp: 134609
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.4 73.4



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: 7.50 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2018

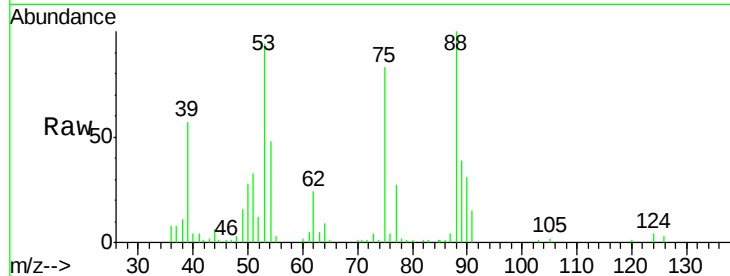
Tot Ion: 75 Resp: 10092

Ion Ratio Lower Upper

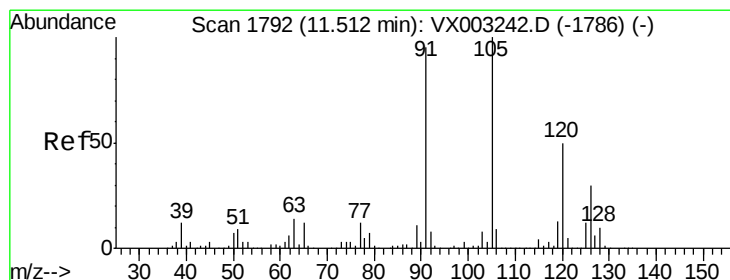
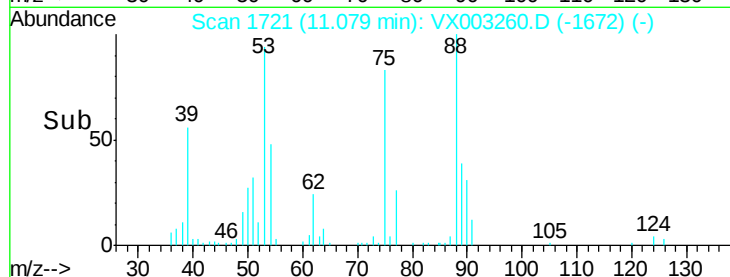
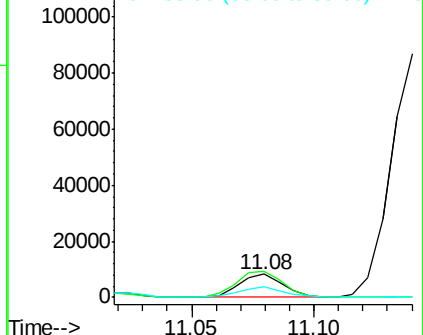
75 100

53 121.4 86.8 130.2

89 46.3 38.2 57.2



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: 9.99 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003260.D

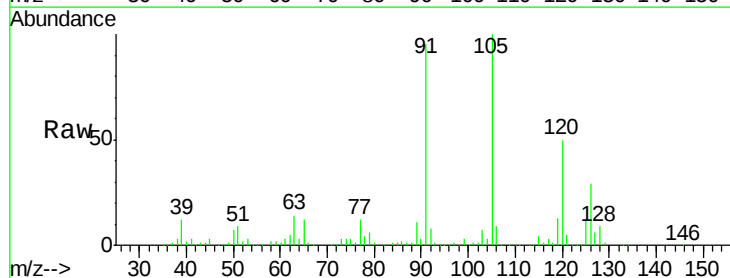
Acq: 09 Jul 2018 22:44

Tgt Ion: 91 Resp: 126958

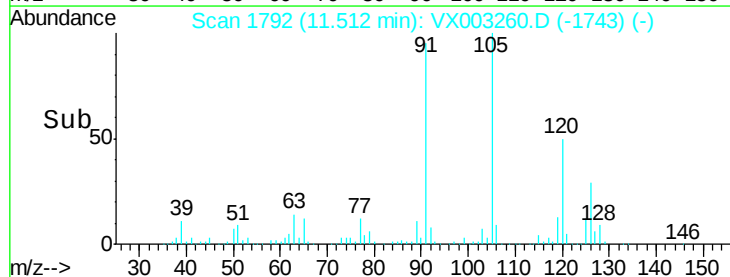
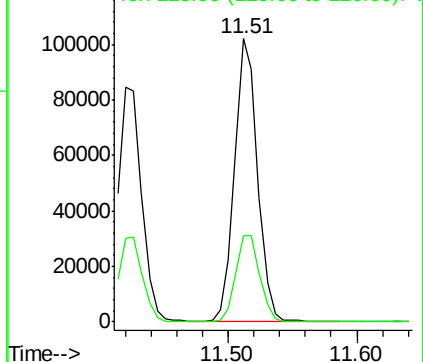
Ion Ratio Lower Upper

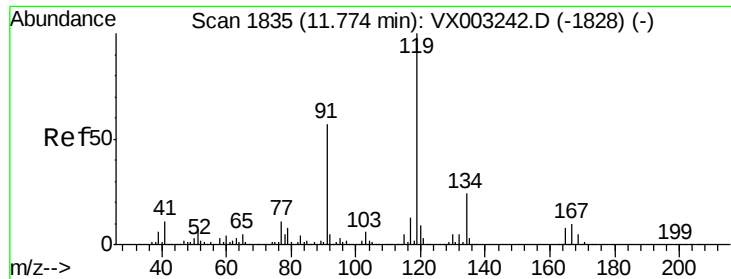
91 100

126 32.1 15.4 46.4



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

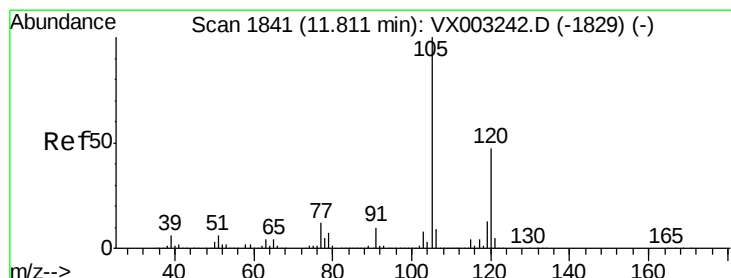
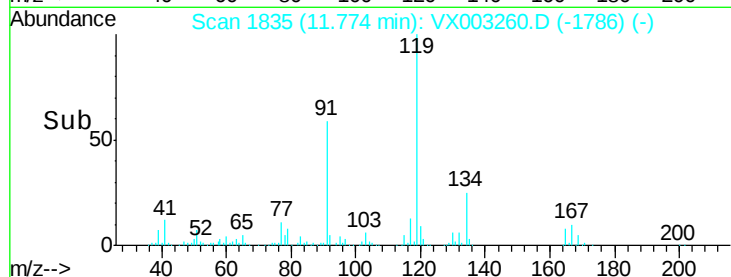
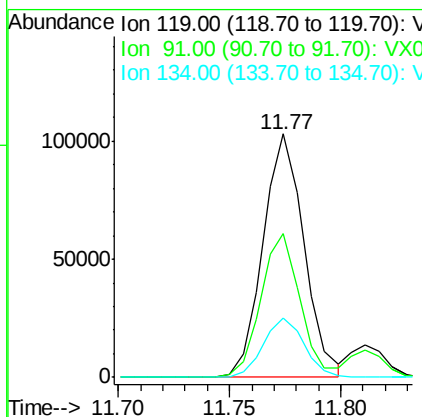
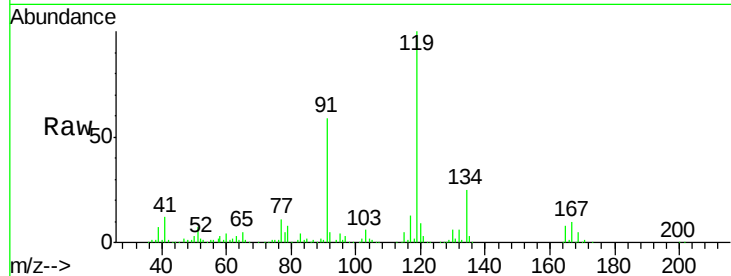




#83
 tert-Butylbenzene
 Concen: 9.85 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003260.D
 Acq: 09 Jul 2018 22:44

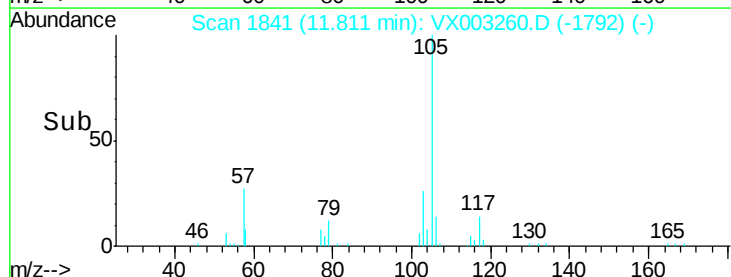
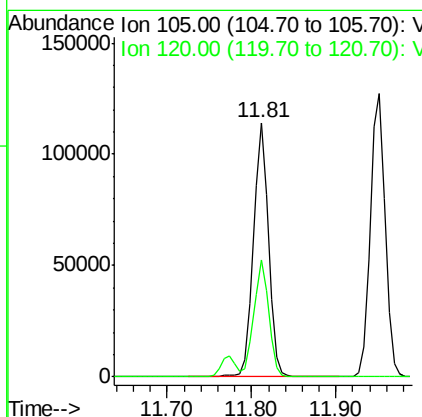
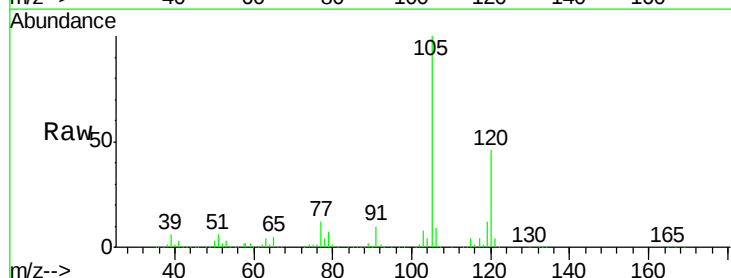
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

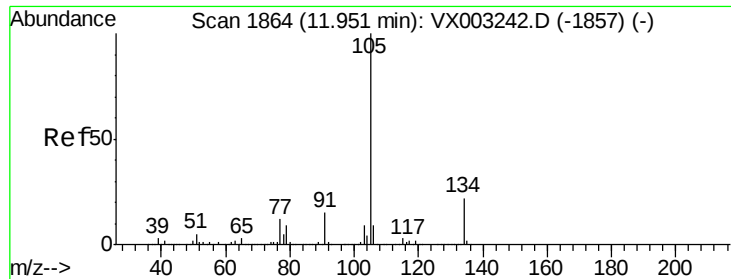
Tot Ion:119 Resp: 131699
 Ion Ratio Lower Upper
 119 100
 91 57.0 30.3 90.9
 134 24.5 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 9.98 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003260.D
 Acq: 09 Jul 2018 22:44

Tgt Ion:105 Resp: 136689
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 9.86 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

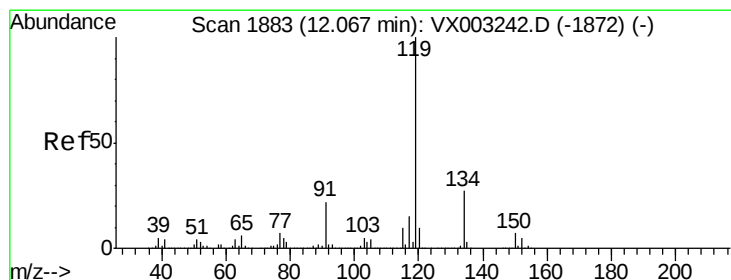
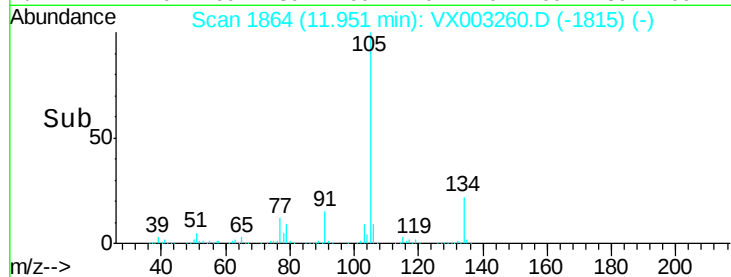
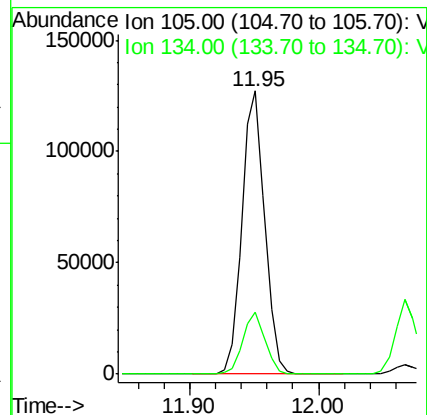
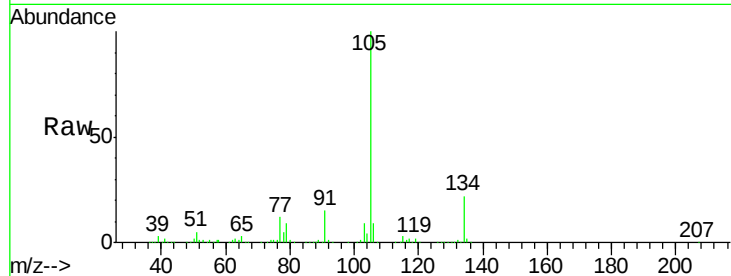
LOQ-WATER-02-QT3-2018

Tot Ion:105 Resp: 155698

Ion Ratio Lower Upper

105 100

134 21.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 9.69 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

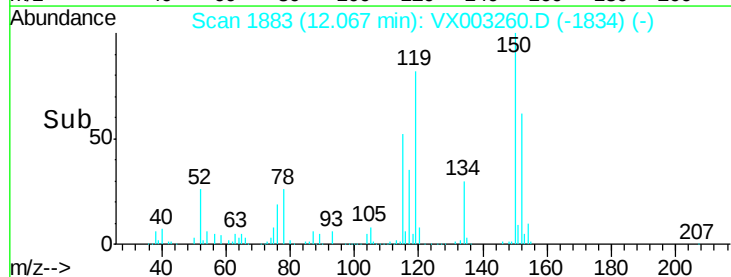
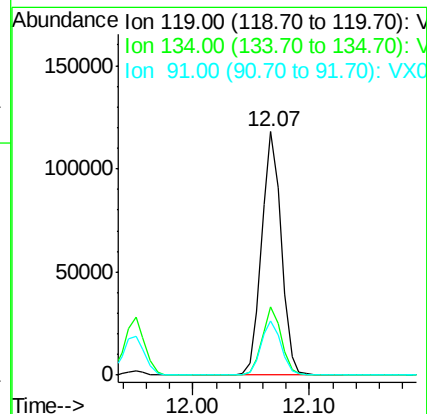
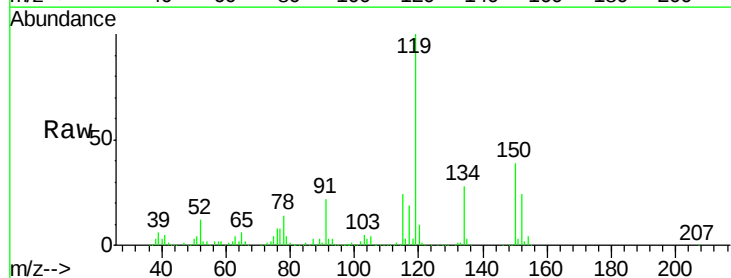
Tgt Ion:119 Resp: 139460

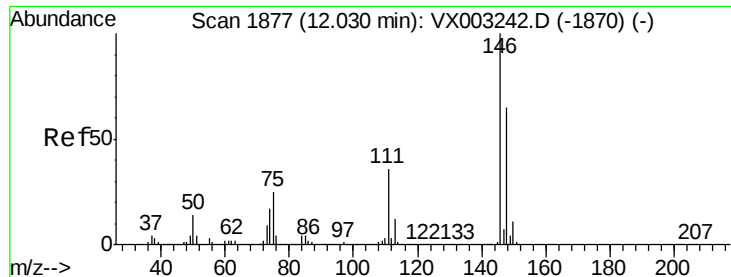
Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.1

91 22.8 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 9.86 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2018

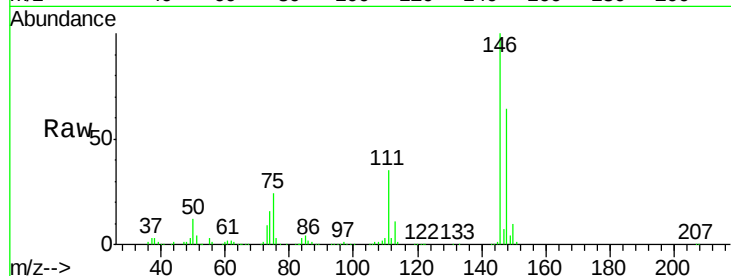
Tot Ion:146 Resp: 83907

Ion Ratio Lower Upper

146 100

111 36.5 18.9 56.7

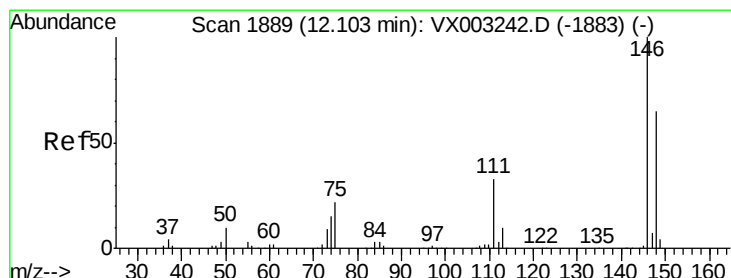
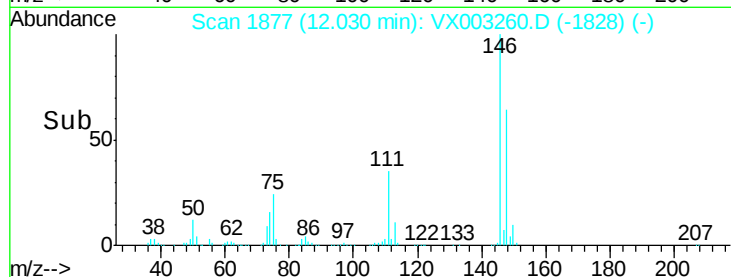
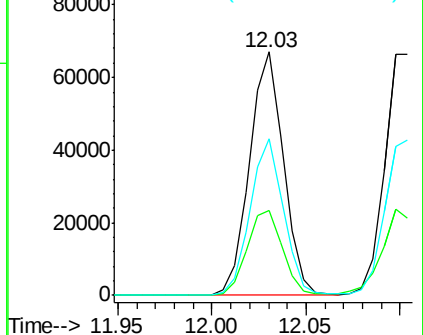
148 63.2 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 9.87 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

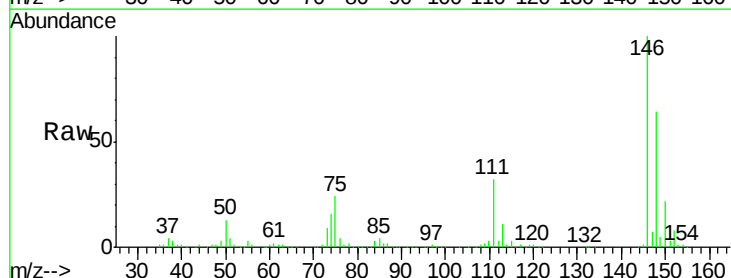
Tgt Ion:146 Resp: 85073

Ion Ratio Lower Upper

146 100

111 37.1 18.7 56.1

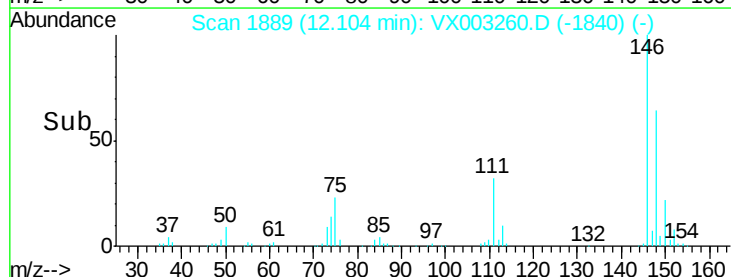
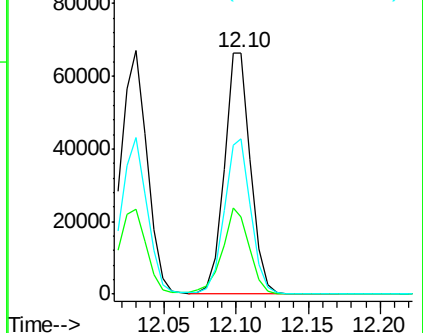
148 65.4 32.4 97.0

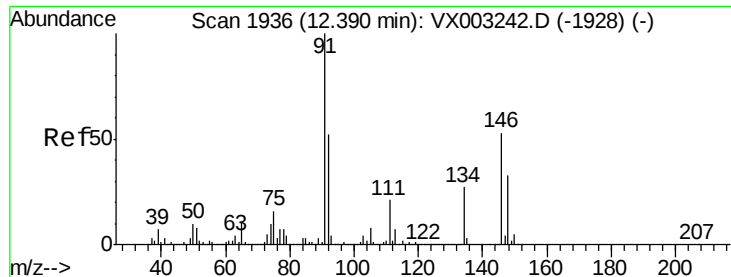


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

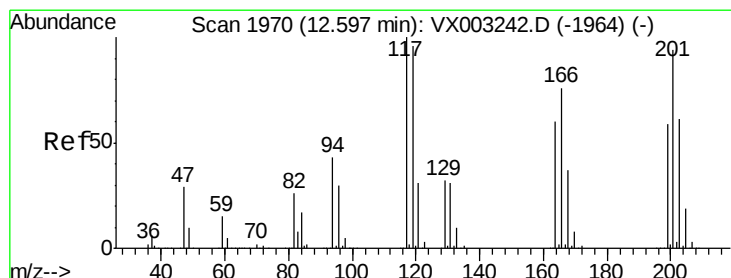
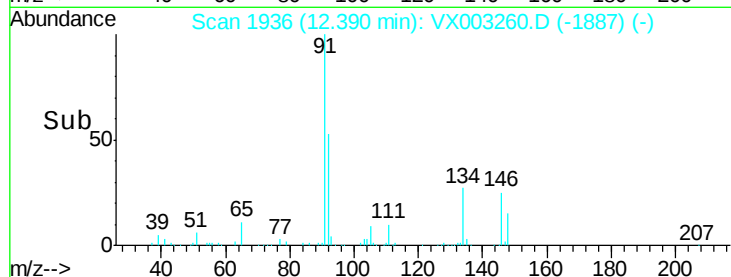
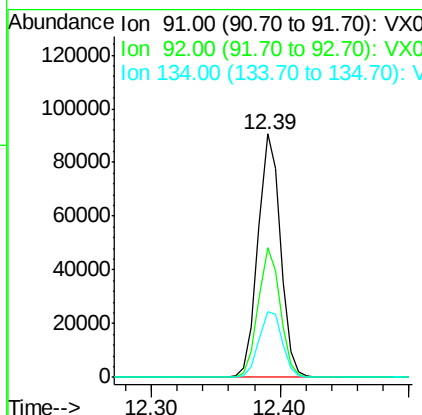
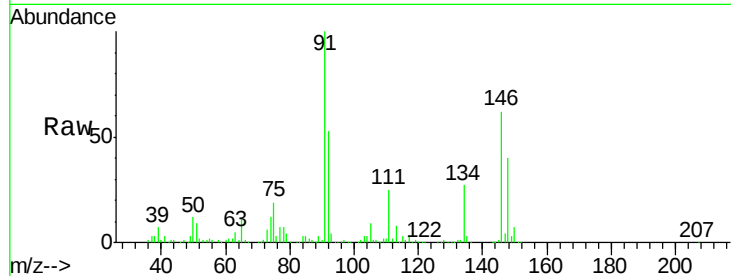




#89
n-Butylbenzene
Concen: 9.01 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

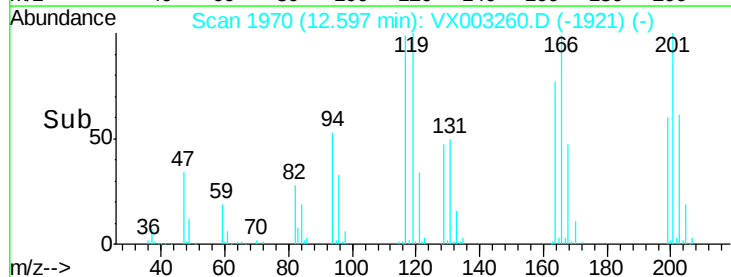
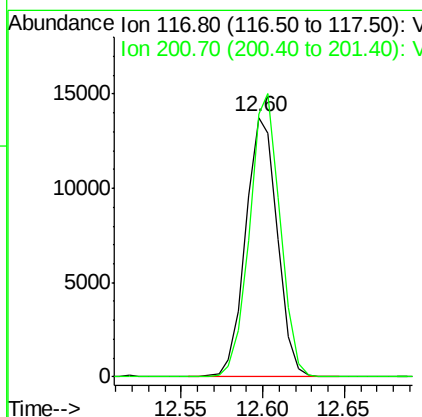
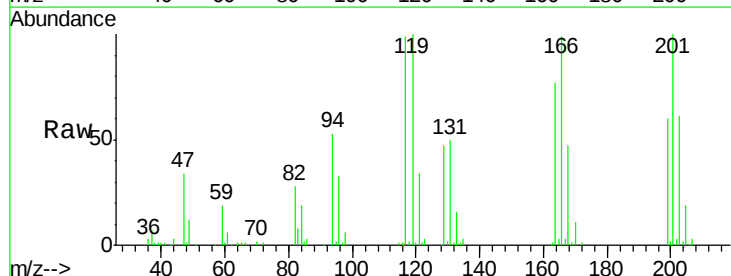
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2018

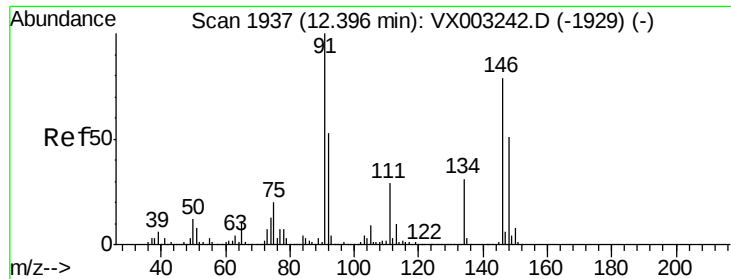
Tot Ion: 91 Resp: 108338
Ion Ratio Lower Upper
91 100
92 51.8 26.0 78.0
134 28.2 13.5 40.5



#90
Hexachloroethane
Concen: 8.48 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Tgt Ion: 117 Resp: 18639
Ion Ratio Lower Upper
117 100
201 104.8 49.0 147.0

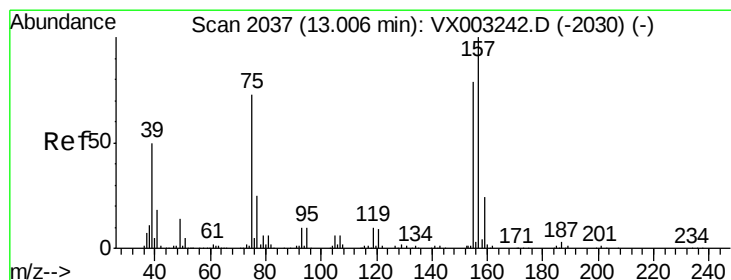
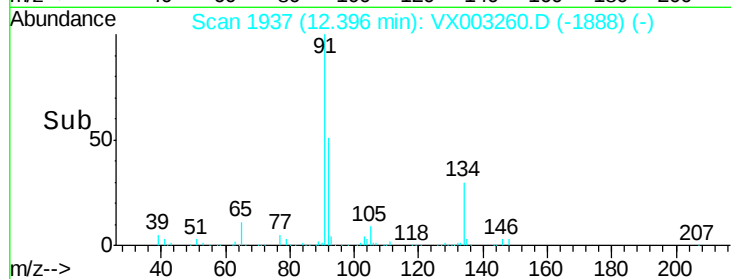
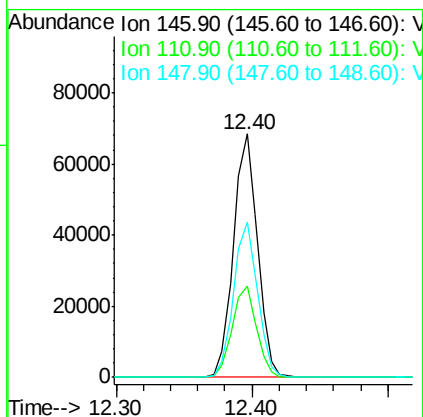
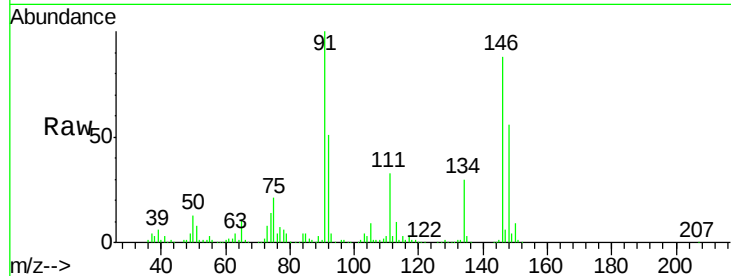




#91
 1,2-Dichlorobenzene
 Concen: 9.85 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003260.D
 Acq: 09 Jul 2018 22:44

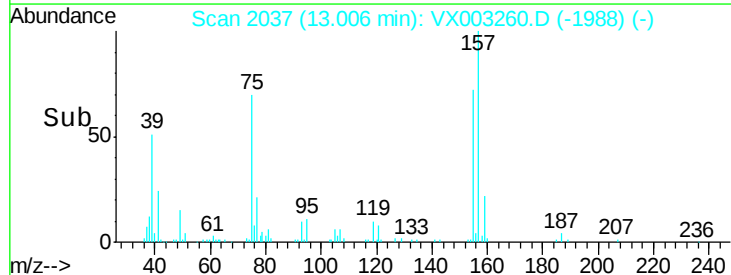
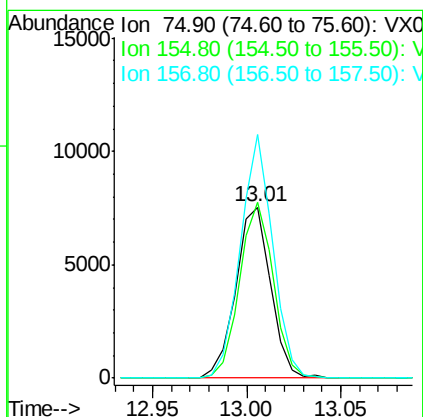
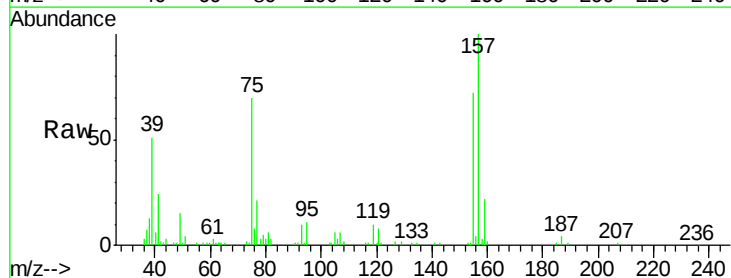
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

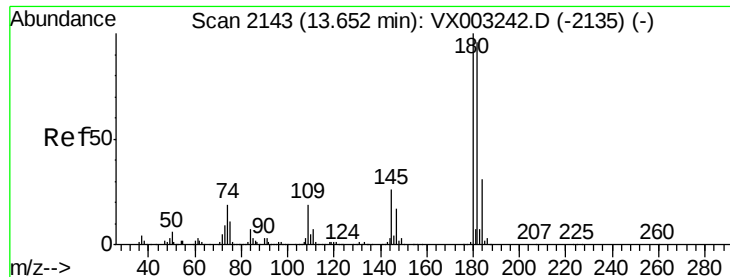
Tot Ion:146 Resp: 84178
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.4 58.1
 148 64.0 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.03 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003260.D
 Acq: 09 Jul 2018 22:44

Tgt Ion: 75 Resp: 9660
 Ion Ratio Lower Upper
 75 100
 155 99.8 45.8 137.4
 157 132.3 60.1 180.3

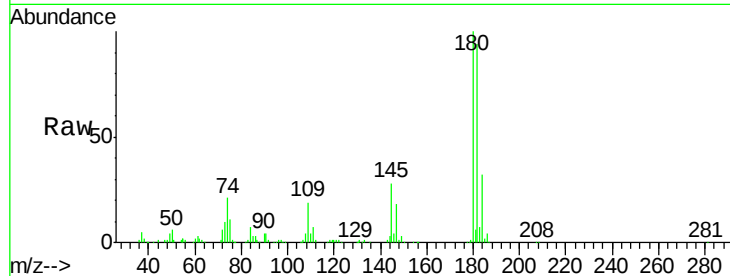




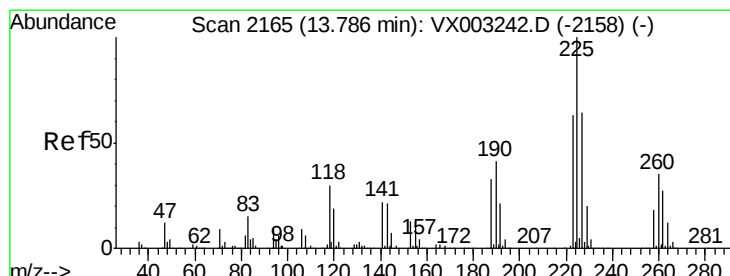
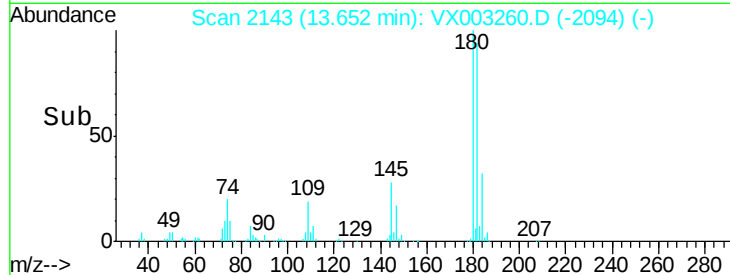
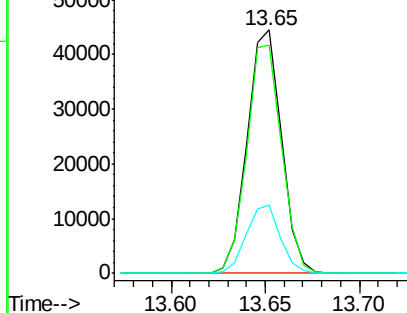
#93
 1,2,4-Trichlorobenzene
 Concen: 9.04 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003260.D
 Acq: 09 Jul 2018 22:44

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion:180 Resp: 56218
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.7 143.1
 145 27.9 14.1 42.4

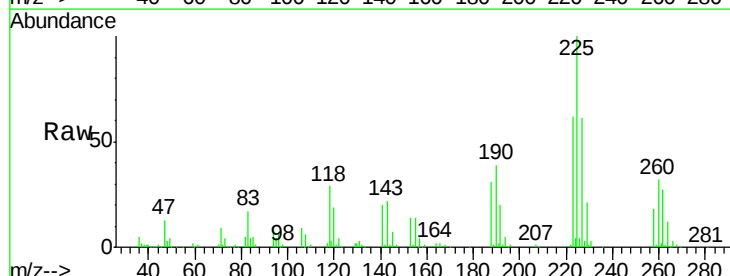


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

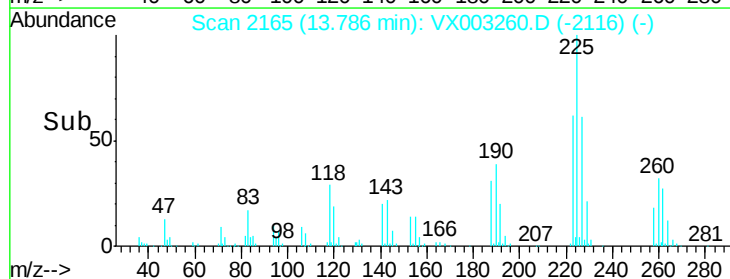
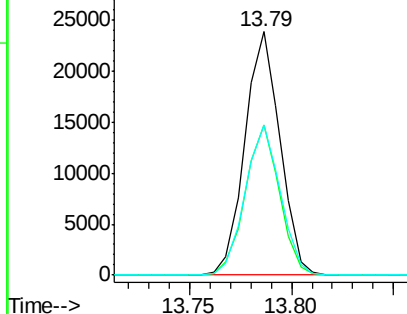


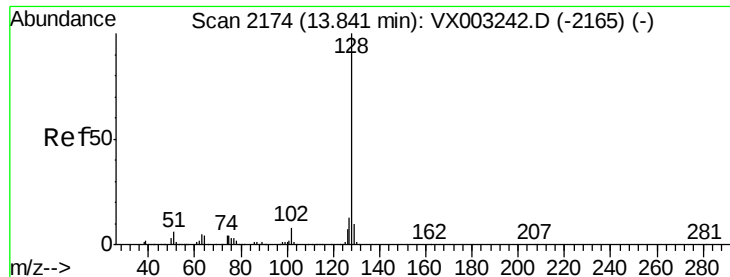
#94
 Hexachlorobutadiene
 Concen: 9.21 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003260.D
 Acq: 09 Jul 2018 22:44

Tgt Ion:225 Resp: 28511
 Ion Ratio Lower Upper
 225 100
 223 60.3 31.6 95.0
 227 61.7 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 9.36 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2018

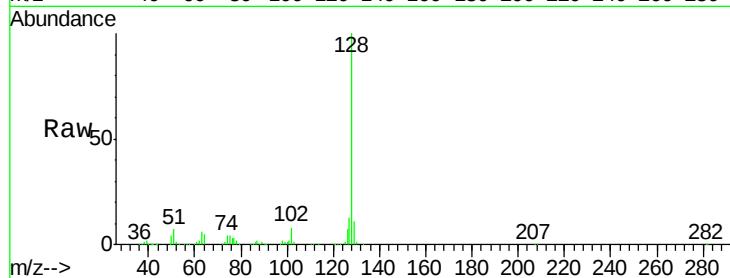
Tot Ion:128 Resp: 152296

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

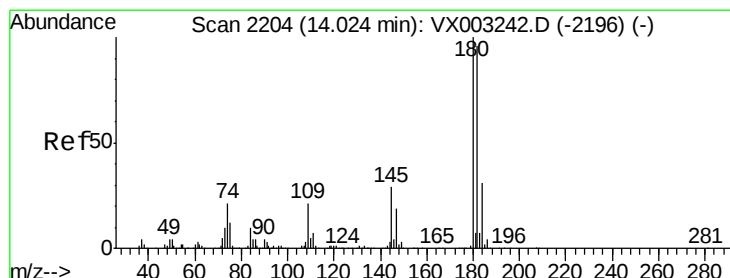
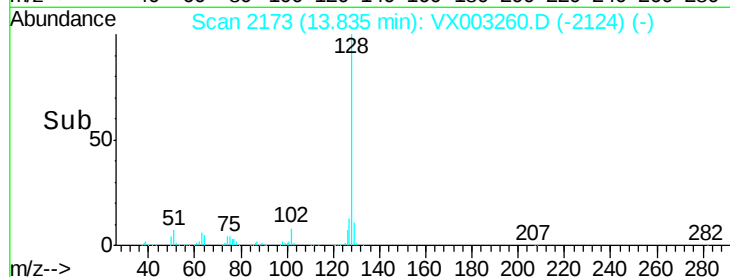
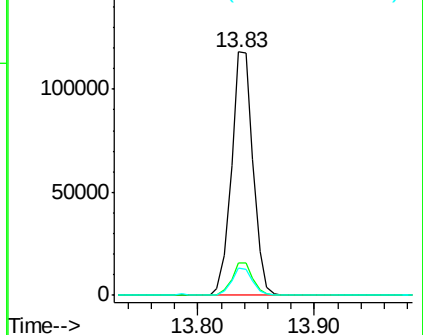
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 9.87 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

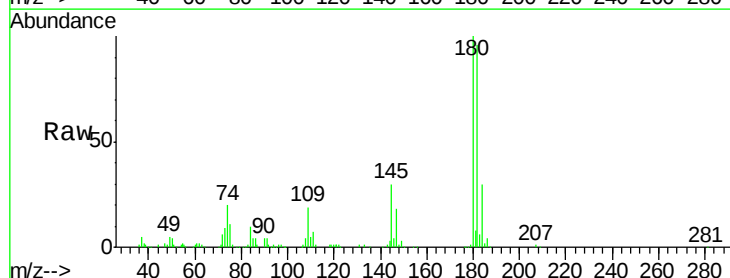
Tgt Ion:180 Resp: 61227

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.0

145 29.6 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

