

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015278.D
 Acq On : 13 Mar 2020 23:59
 Operator : JC/SP
 Sample : L1161-08 5PPB L00
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

Quant Time: Mar 16 08:31:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	54323	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	285711	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	268209	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	108234	29.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.43%
60) 4-Bromofluorobenzene	11.13	95	119585	28.01	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.37%
63) Toluene-d8	8.71	98	335230	29.18	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	11876	4.347	ug/l 97
3) Chloromethane	1.32	50	15366	3.896	ug/l 97
4) Vinyl Chloride	1.40	62	16632	4.144	ug/l 99
5) Bromomethane	1.64	94	10612	4.058	ug/l 96
6) Chloroethane	1.72	64	10236	4.060	ug/l 95
7) Trichlorofluoromethane	1.92	101	20814	4.067	ug/l 96
8) Diethyl Ether	2.18	74	9483	4.181	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	13123	4.182	ug/l 95
10) 1,1-Dichloroethene	2.37	96	13399	4.235	ug/l 97
11) Methyl Iodide	2.51	142	9929	3.051	ug/l 93
12) Methyl Acetate	2.76	43	18458	4.729	ug/l 96
13) Acrolein	2.29	56	13990	22.699	ug/l 95
14) Acrylonitrile	3.14	53	41485	22.906	ug/l 98
15) Acetone	2.44	58	10451	19.667	ug/l 98
16) Carbon Disulfide	2.56	76	37024	4.179	ug/l 99
17) Allyl chloride	2.72	41	24808	4.227	ug/l 91
18) Methylene Chloride	2.85	84	16646	4.656	ug/l 94
19) trans-1,2-Dichloroethene	3.16	96	16154	4.734	ug/l 96
20) Diisopropyl ether	3.84	45	52515	4.504	ug/l 91
21) 1,1-Dichloroethane	3.69	63	28220	4.568	ug/l 97
22) cis-1,2-Dichloroethene	4.59	96	17799	4.614	ug/l 98
23) tert-Butyl Alcohol	3.05	59	18313	25.863	ug/l # 100
25) Chloroform	5.20	83	28065	4.775	ug/l 92
26) Cyclohexane	5.58	56	27196	4.737	ug/l # 94
29) 1,1-Dichloropropene	5.79	75	20944	4.777	ug/l 98
30) 2-Butanone	4.67	43	56801	24.192	ug/l # 96
31) 2,2-Dichloropropane	4.57	77	17028	3.780	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	23758	4.980	ug/l 95
33) Carbon Tetrachloride	5.78	117	20095	4.922	ug/l 97
34) Benzene	6.14	78	68521	5.158	ug/l 97
35) Methacrylonitrile	5.04	41	12235	4.820	ug/l 90
36) 1,2-Dichloroethane	6.19	62	23993	5.414	ug/l 95
37) Trichloroethene	7.20	130	18789	5.114	ug/l 95
38) Methylcyclohexane	7.45	83	22573	4.237	ug/l 99
39) 1,2-Dichloropropane	7.51	63	16269	4.740	ug/l 95
40) Dibromomethane	7.65	93	11352	5.204	ug/l 94
41) Bromodichloromethane	7.89	83	19163	4.442	ug/l 98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Vinyl Acetate	3.81	43	203808	22.012	ug/l	100
43) Ethyl Acetate	4.83	43	23351	5.242	ug/l #	75
44) Isopropyl Acetate	6.44	43	36863	4.892	ug/l	98
45) 1,4-Dioxane	7.35	88	287	3.878	ug/l	86
46) Methyl methacrylate	7.76	41	16172	4.352	ug/l	97
47) n-amyl Acetate	10.89	43	24722	3.656	ug/l	97
48) t-1,3-Dichloropropene	9.04	75	19388	4.133	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	23626	4.435	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	16611	5.150	ug/l	95
51) Ethyl methacrylate	9.17	69	22067	4.385	ug/l	98
52) 1,3-Dichloropropane	9.37	76	27874	5.106	ug/l	99
53) Dibromochloromethane	9.57	129	16224	4.723	ug/l	93
54) 1,2-Dibromoethane	9.67	107	17551	5.275	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	57463	22.797	ug/l	99
56) Bromoform	10.85	173	10744	3.989	ug/l	96
58) 4-Methyl-2-Pentanone	8.64	43	105932	23.200	ug/l	99
59) 2-Hexanone	9.48	43	79824	23.129	ug/l	98
61) Tetrachloroethene	9.33	164	18256	4.890	ug/l	94
62) Toluene	8.78	91	67840	4.780	ug/l	99
64) Chlorobenzene	10.14	112	44977	4.960	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	16051	4.805	ug/l	94
66) Ethyl Benzene	10.25	91	74000	4.680	ug/l	96
67) m/p-Xylenes	10.36	106	56146	9.251	ug/l	99
68) o-Xylene	10.70	106	23314	4.007	ug/l	94
69) Styrene	10.71	104	40083	3.958	ug/l	98
70) Isopropylbenzene	11.01	105	66810	4.314	ug/l	97
71) 1,1,2,2-Tetrachloroethane	11.26	83	24406	4.854	ug/l	96
72) 1,2,3-Trichloropropane	11.29	75	26567	6.456	ug/l	86
73) Bromobenzene	11.25	156	19750	4.676	ug/l	98
74) n-propylbenzene	11.35	91	82883	4.530	ug/l	99
75) 2-Chlorotoluene	11.42	91	49323	4.617	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	58968	4.460	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	5683	3.297	ug/l	87
78) 4-Chlorotoluene	11.51	91	57530	4.678	ug/l	98
79) tert-butylbenzene	11.76	119	55798	4.502	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	58071	4.443	ug/l	99
81) sec-Butylbenzene	11.94	105	69087	4.491	ug/l	98
82) p-Isopropyltoluene	12.06	119	61103	4.319	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	35250	4.723	ug/l	95
84) 1,4-Dichlorobenzene	12.09	146	37099	4.970	ug/l	98
85) n-Butylbenzene	12.39	91	52407	4.227	ug/l	100
86) Hexachloroethane	12.59	117	10509	4.244	ug/l	93
87) 1,2-Dichlorobenzene	12.39	146	34531	4.745	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	4331	4.184	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	24403	4.537	ug/l	98
90) Hexachlorobutadiene	13.78	225	12056	4.357	ug/l	97
91) Naphthalene	13.83	128	59530	3.995	ug/l	98
92) 1,2,3-Trichlorobenzene	14.01	180	24316	4.492	ug/l	98

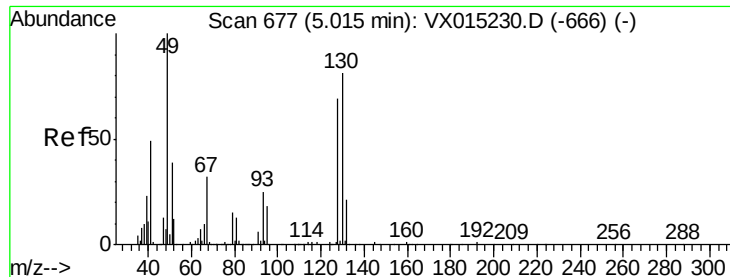
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QLast Update : Thu Mar 12 14:12:53 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

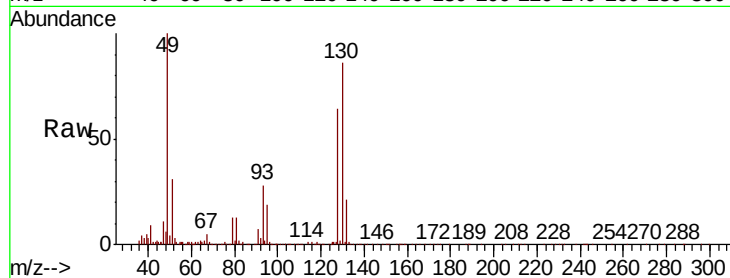
Tot Ion:128 Resp: 54323

Ion Ratio Lower Upper

128 100

49 169.0 0.0 406.8

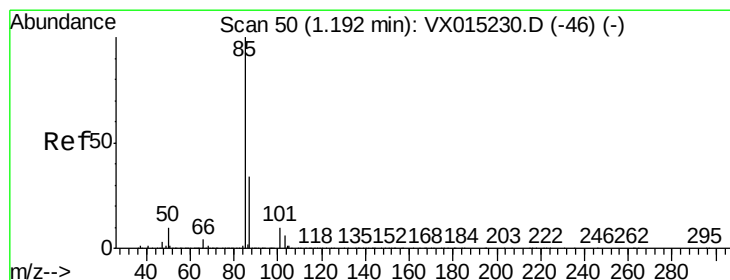
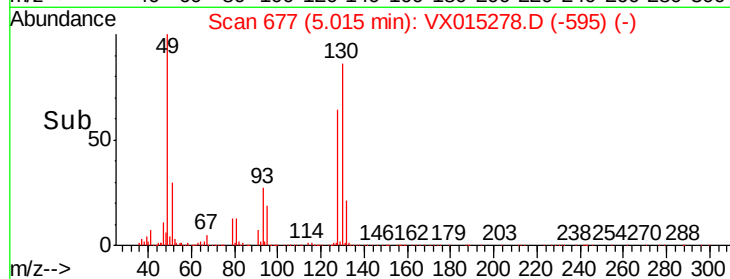
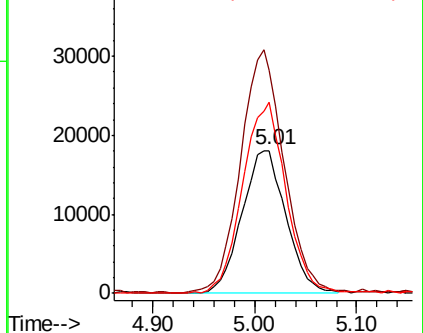
130 131.6 0.0 319.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 4.347 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015278.D

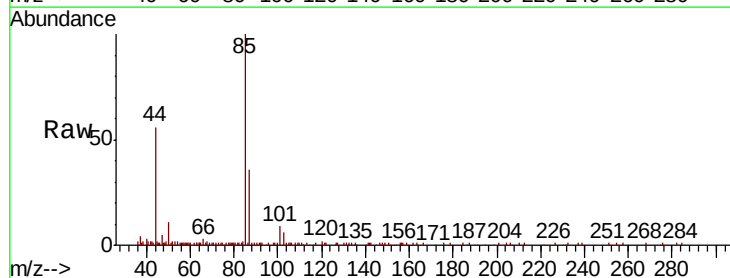
Acq: 13 Mar 2020 23:59

Tgt Ion: 85 Resp: 11876

Ion Ratio Lower Upper

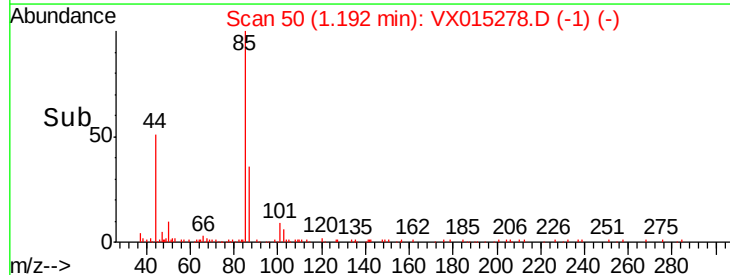
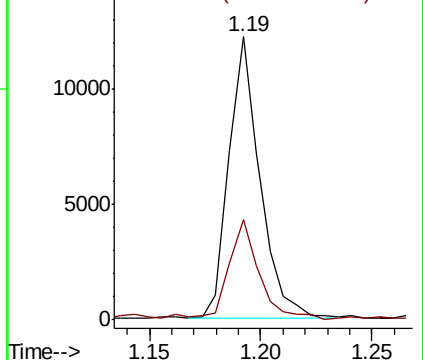
85 100

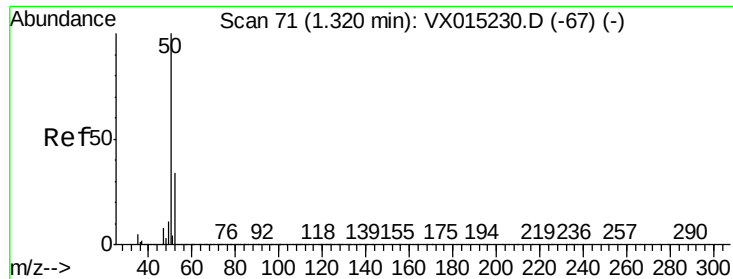
87 34.9 16.7 50.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

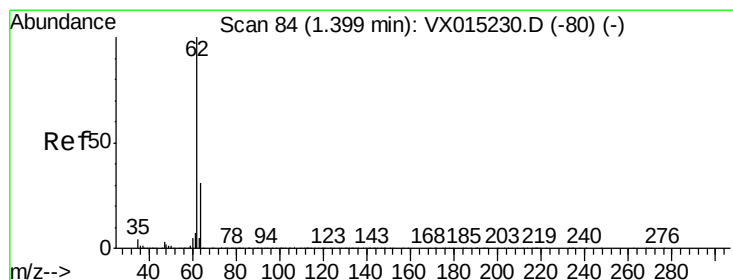
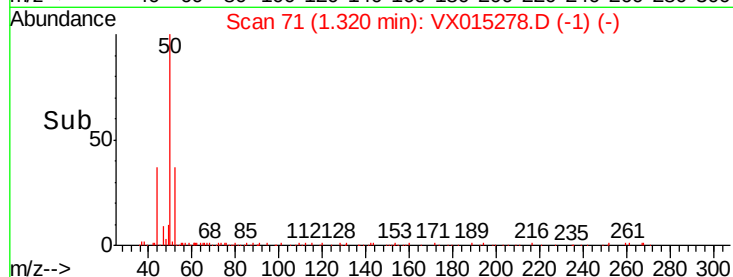
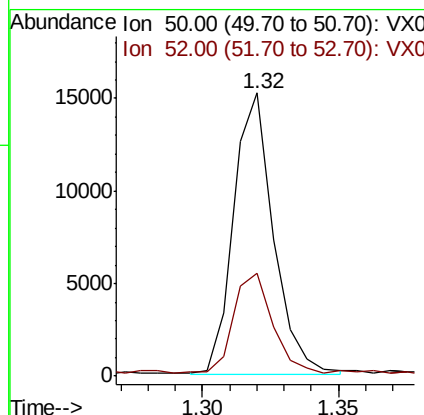
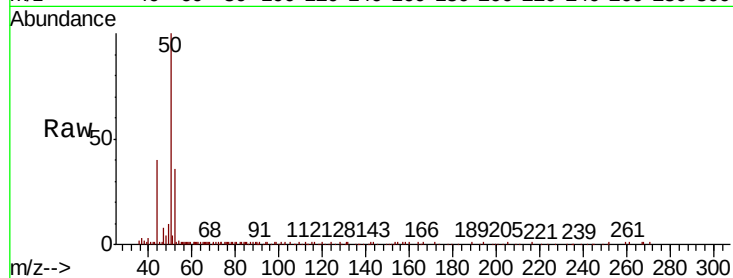




#3
Chloromethane
Concen: 3.896 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

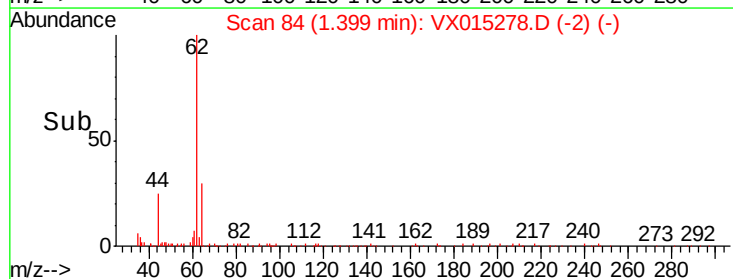
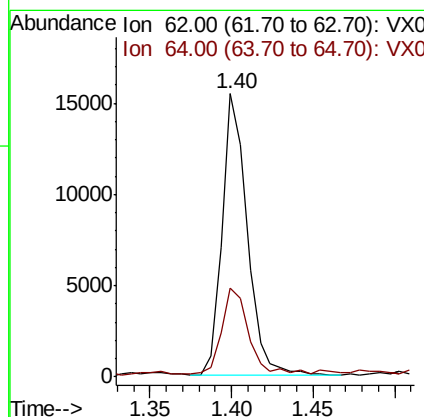
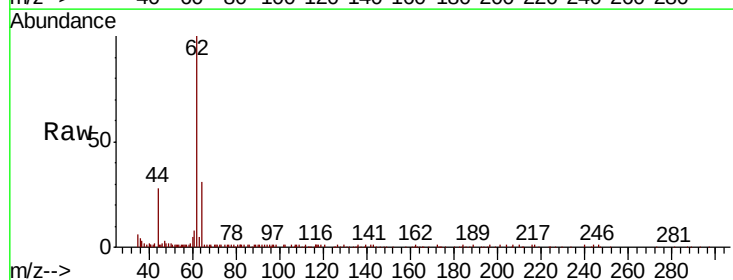
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

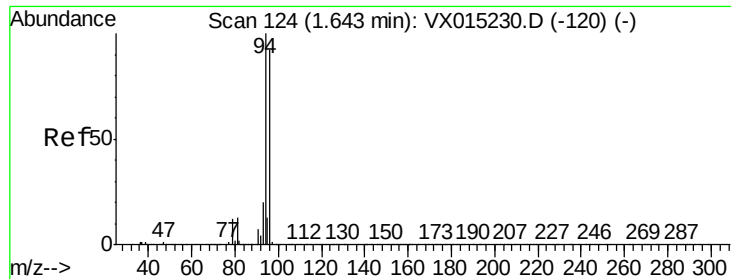
Tot Ion: 50 Resp: 15366
Ion Ratio Lower Upper
50 100
52 35.5 26.9 40.3



#4
Vinyl Chloride
Concen: 4.144 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

Tgt Ion: 62 Resp: 16632
Ion Ratio Lower Upper
62 100
64 30.4 24.9 37.3





#5

Bromomethane

Concen: 4.058 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

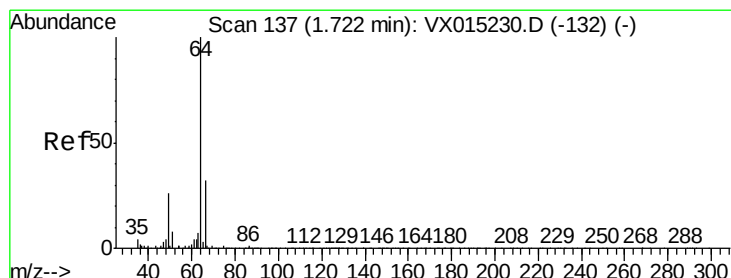
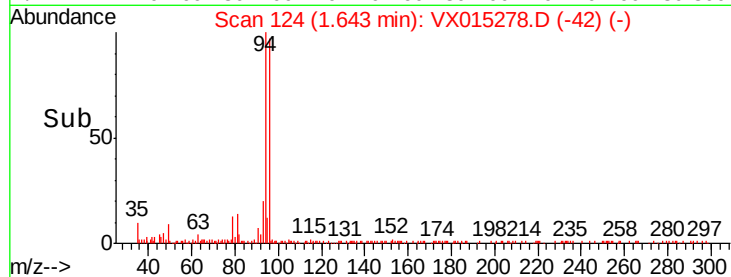
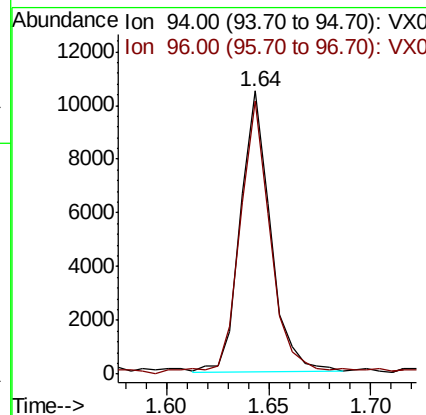
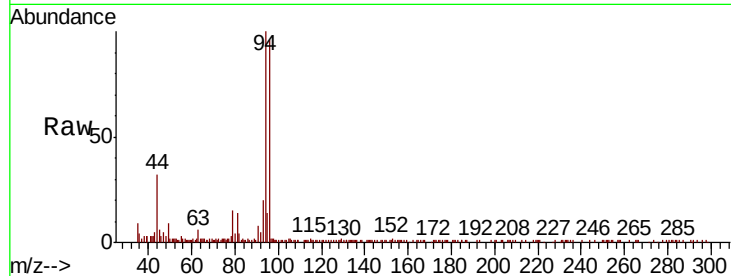
LOQ-WATER-02-QT1-2020

Tot Ion: 94 Resp: 10612

Ion Ratio Lower Upper

94 100

96 95.5 73.0 109.4



#6

Chloroethane

Concen: 4.060 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015278.D

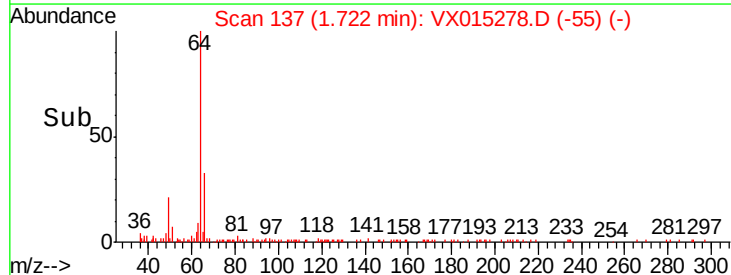
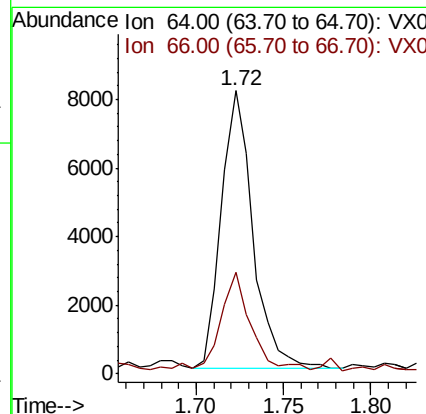
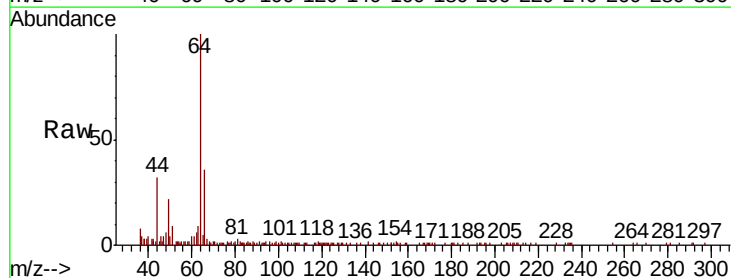
Acq: 13 Mar 2020 23:59

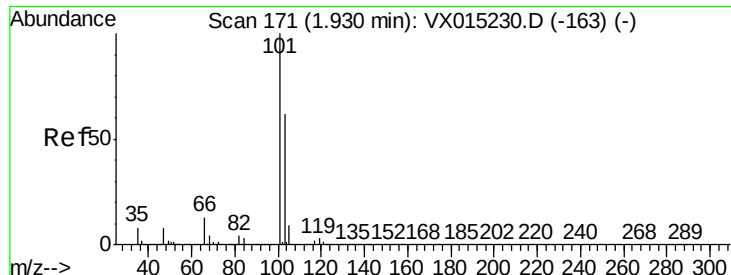
Tgt Ion: 64 Resp: 10236

Ion Ratio Lower Upper

64 100

66 35.1 25.9 38.9





#7

Trichlorofluoromethane

Concen: 4.067 ug/l

RT: 1.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

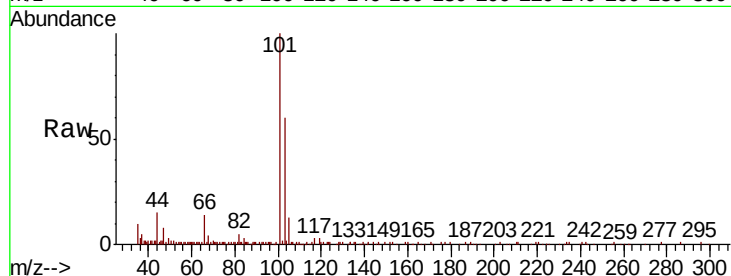
LOQ-WATER-02-QT1-2020

Tot Ion:101 Resp: 20814

Ion Ratio Lower Upper

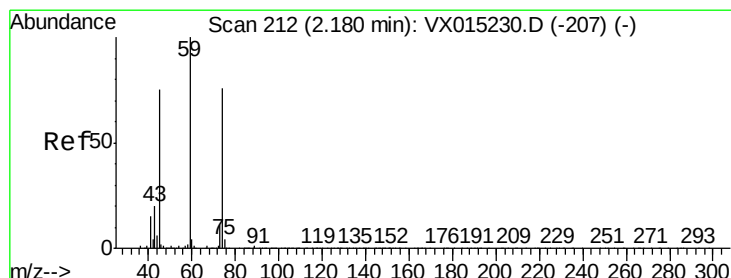
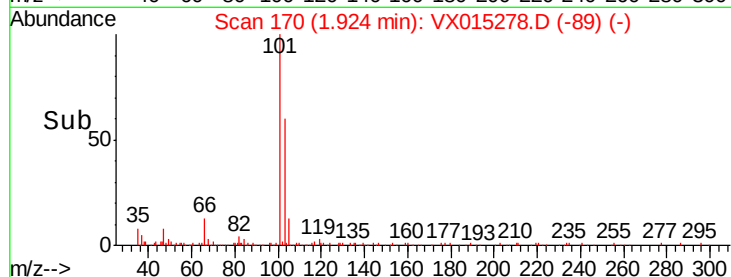
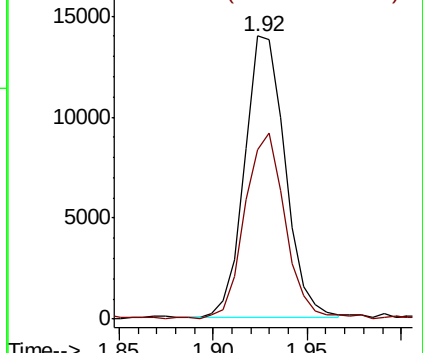
101 100

103 59.4 49.9 74.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 4.181 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX015278.D

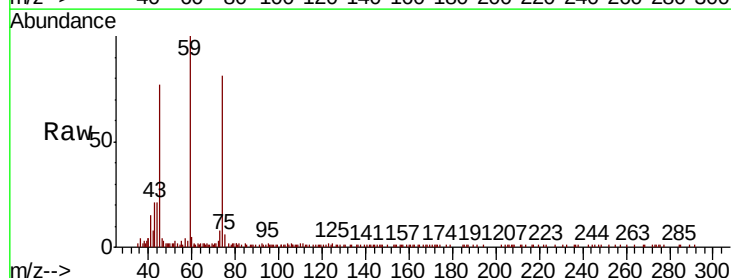
Acq: 13 Mar 2020 23:59

Tgt Ion: 74 Resp: 9483

Ion Ratio Lower Upper

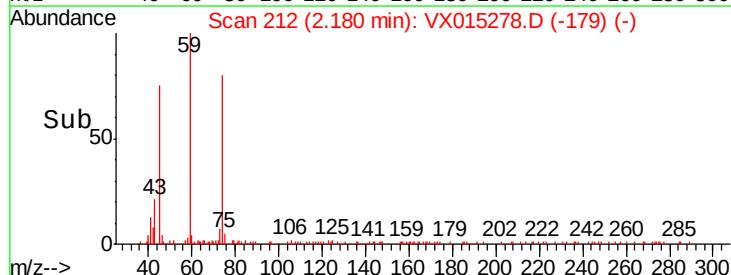
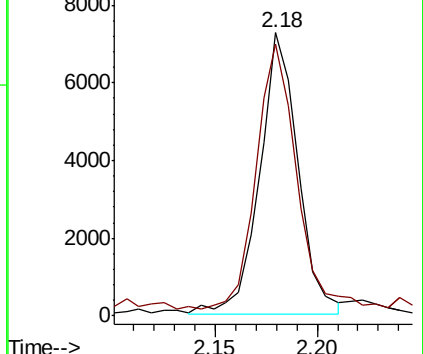
74 100

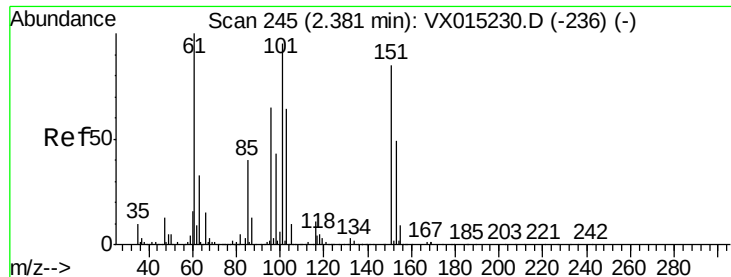
45 96.8 20.3 182.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.182 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

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LOQ-WATER-02-QT1-2020

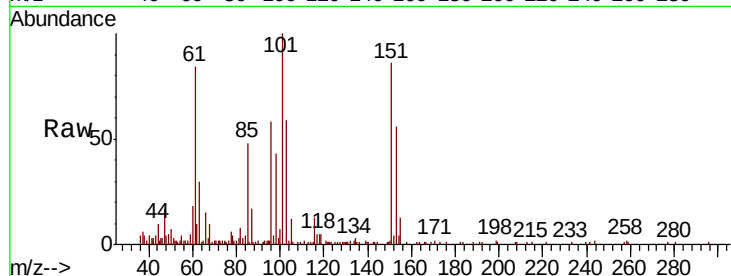
Tot Ion:101 Resp: 13123

Ion Ratio Lower Upper

101 100

85 45.4 0.0 82.0

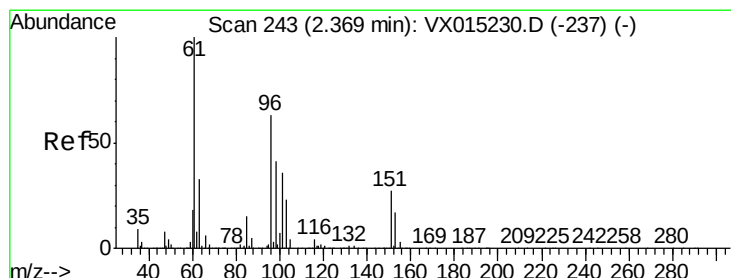
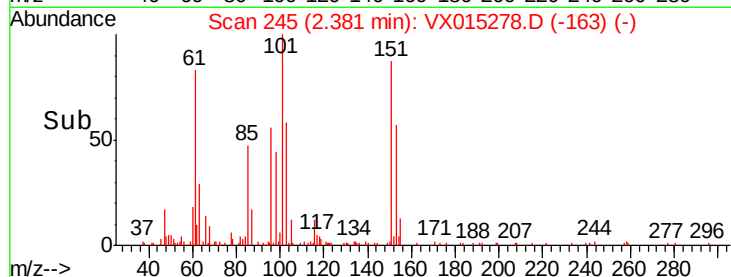
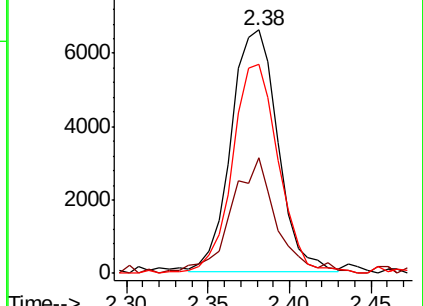
151 86.0 0.0 165.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 4.235 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

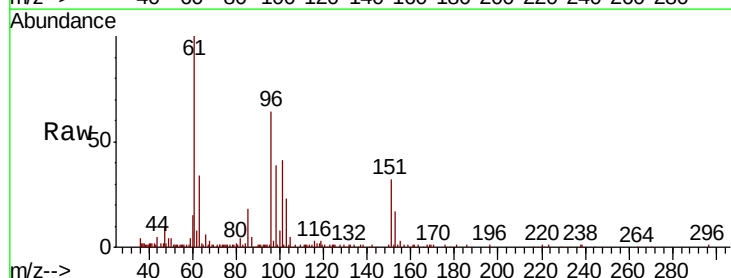
Tgt Ion: 96 Resp: 13399

Ion Ratio Lower Upper

96 100

61 155.7 126.2 189.2

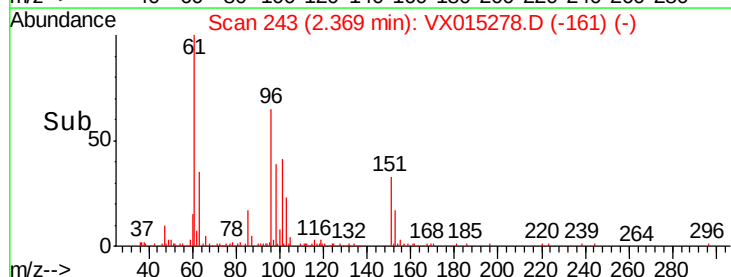
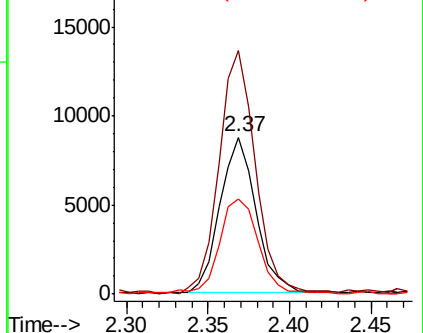
98 60.8 52.1 78.1

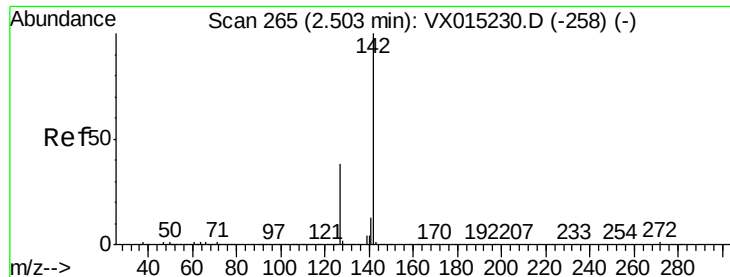


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

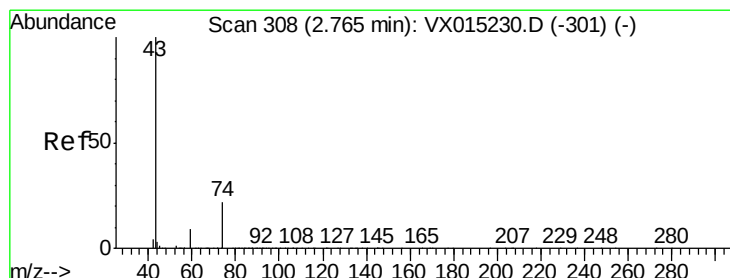
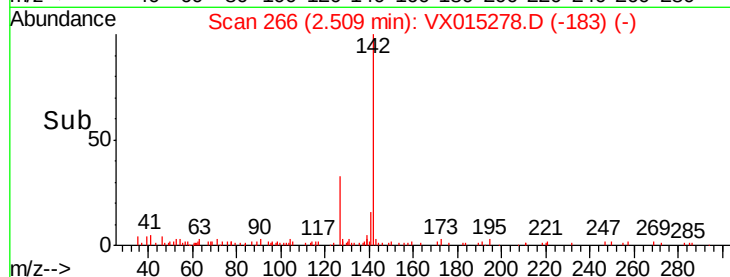
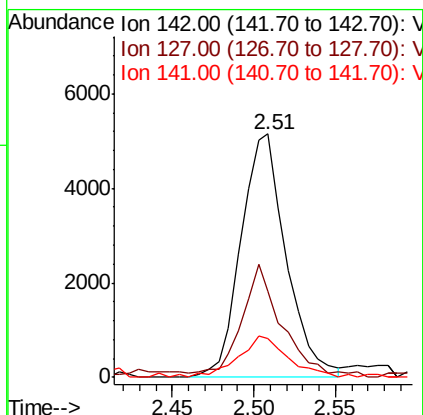
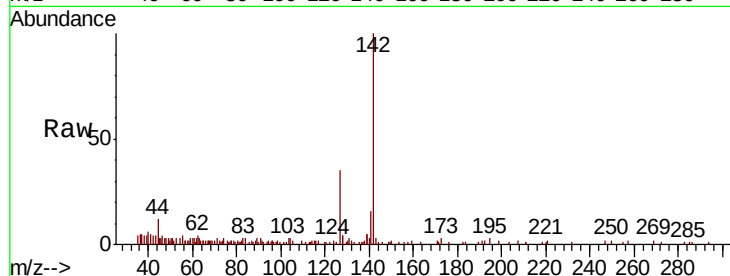




#11
Methvl Iodide
Concen: 3.051 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

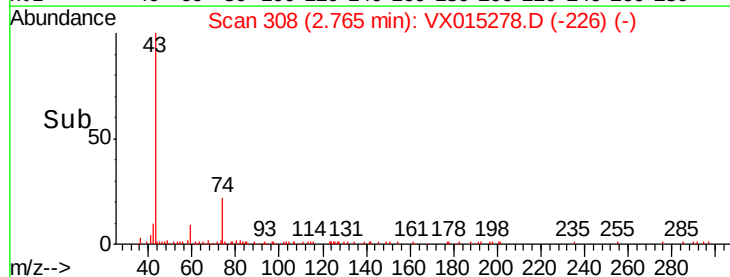
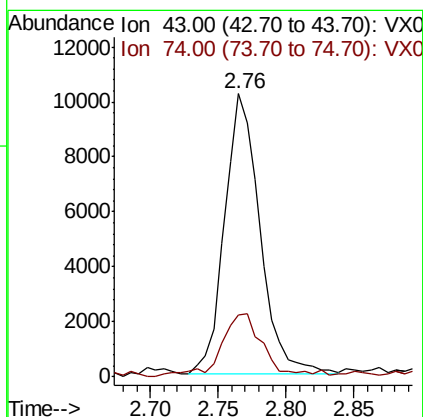
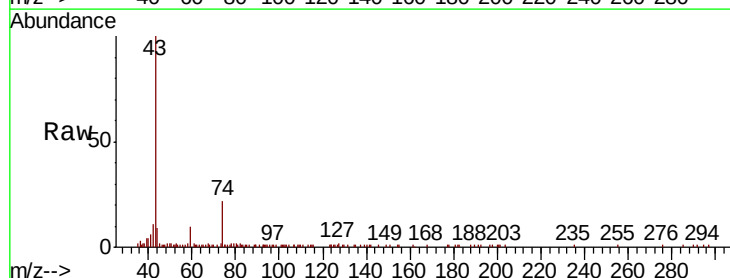
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

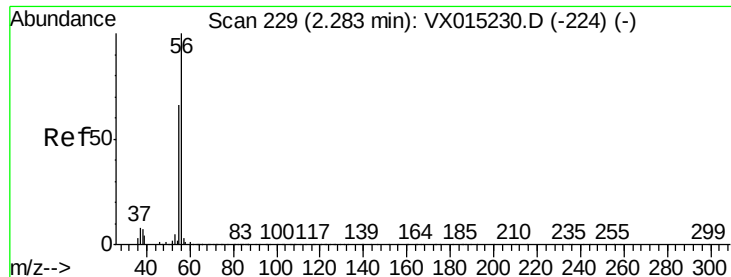
Tot Ion:142 Resp: 9929
Ion Ratio Lower Upper
142 100
127 33.8 18.9 56.9
141 16.2 6.6 19.7



#12
Methyl Acetate
Concen: 4.729 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

Tgt Ion: 43 Resp: 18458
Ion Ratio Lower Upper
43 100
74 20.6 18.0 27.0





#13

Acrolein

Concen: 22.699 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

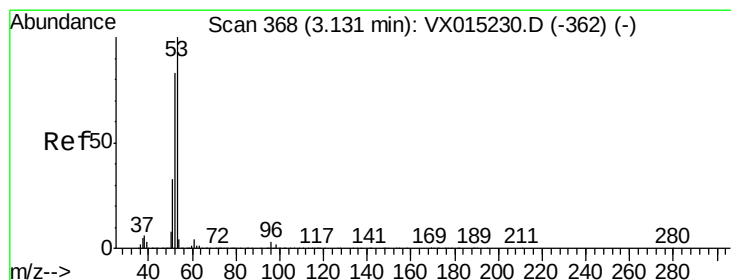
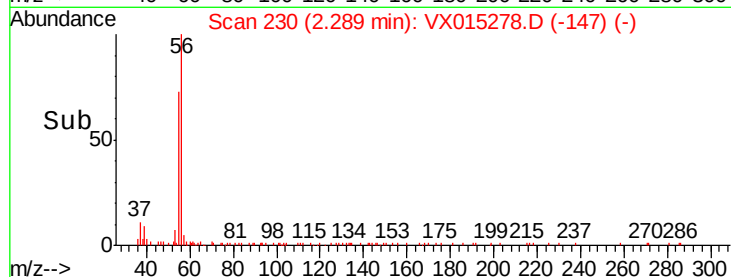
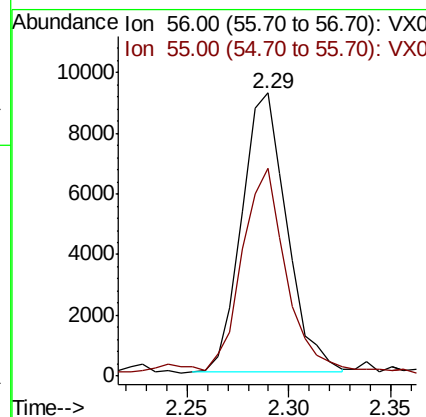
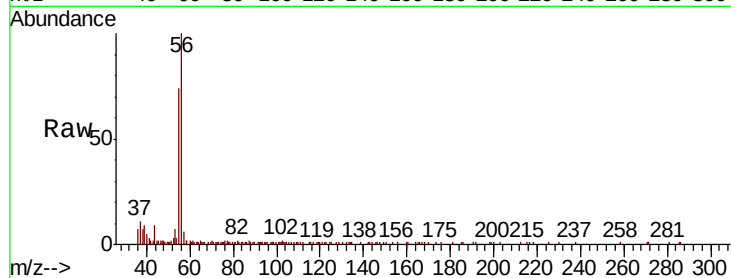
LOQ-WATER-02-QT1-2020

Tot Ion: 56 Resp: 13990

Ion Ratio Lower Upper

56 100

55 72.7 55.1 82.7



#14

Acrylonitrile

Concen: 22.906 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

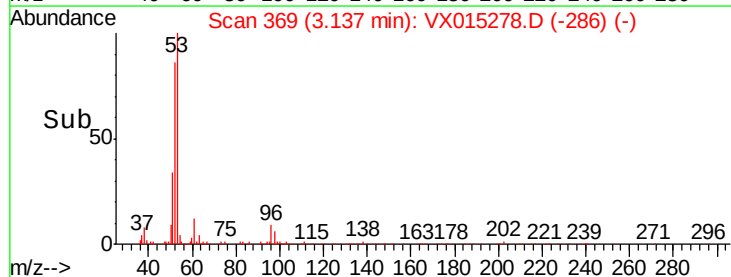
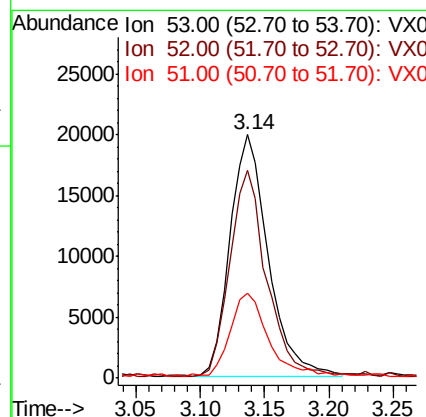
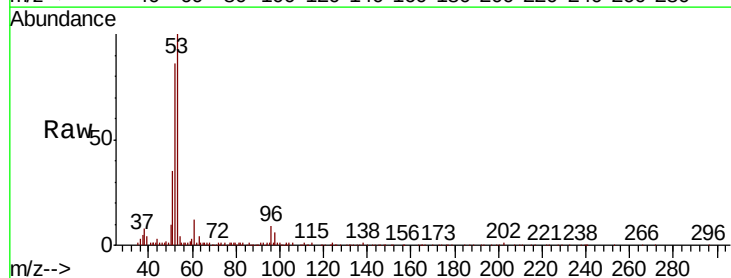
Tgt Ion: 53 Resp: 41485

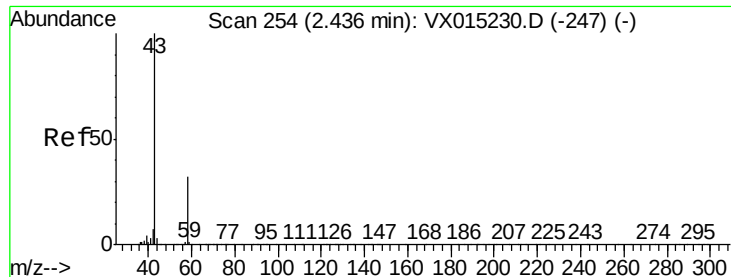
Ion Ratio Lower Upper

53 100

52 81.9 41.5 124.5

51 33.7 17.7 53.1





#15

Acetone

Concen: 19.667 ug/l

RT: 2.44 min Scan# 255

Delta R.T. 0.01 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

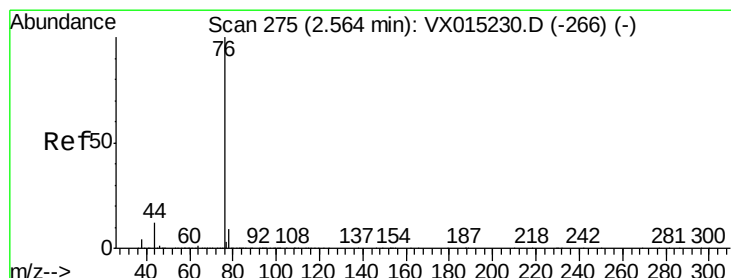
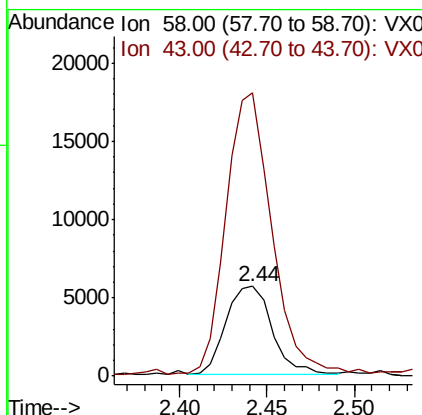
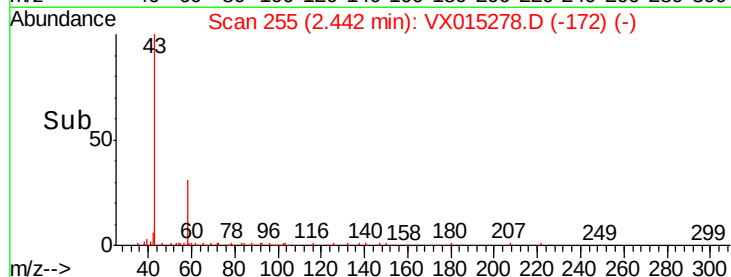
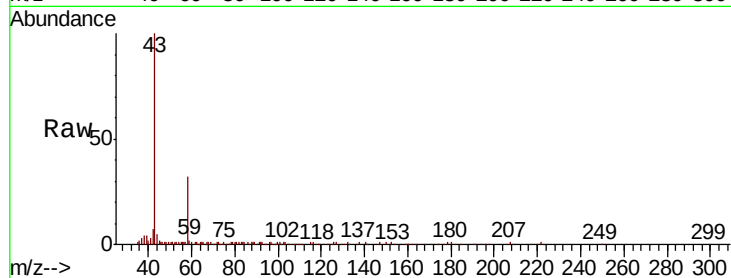
LOQ-WATER-02-QT1-2020

Tot Ion: 58 Resp: 10451

Ion Ratio Lower Upper

58 100

43 315.9 248.7 373.1



#16

Carbon Disulfide

Concen: 4.179 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015278.D

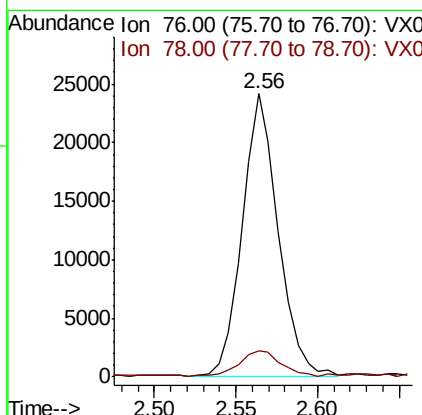
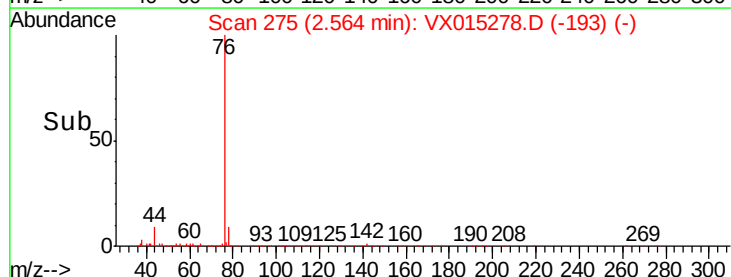
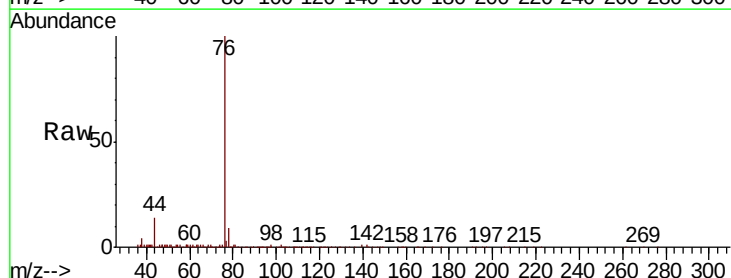
Acq: 13 Mar 2020 23:59

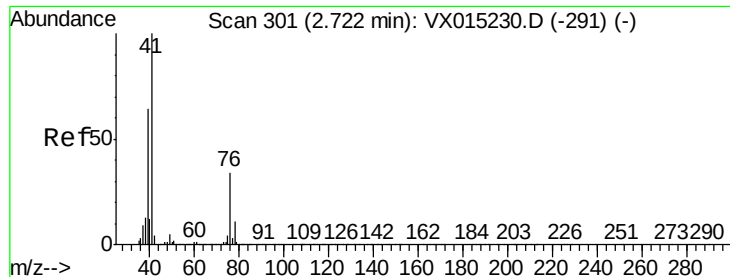
Tgt Ion: 76 Resp: 37024

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9

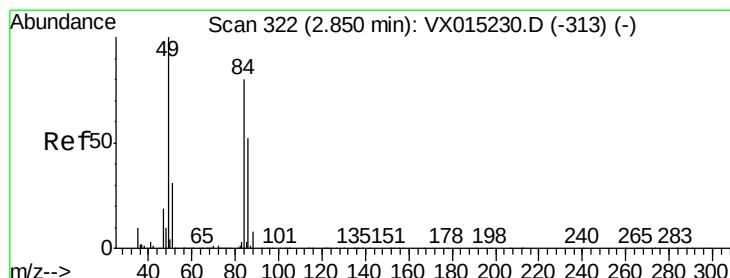
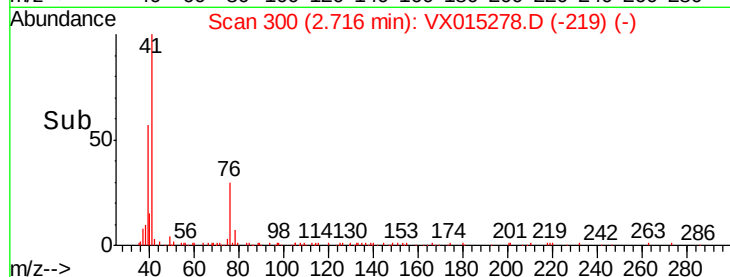
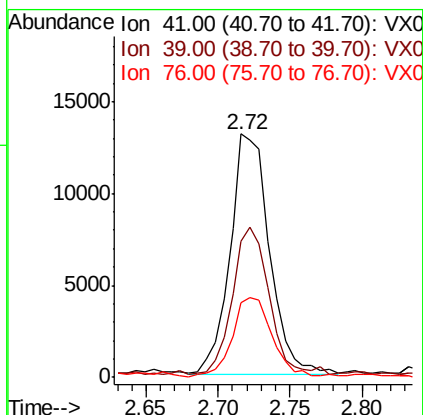
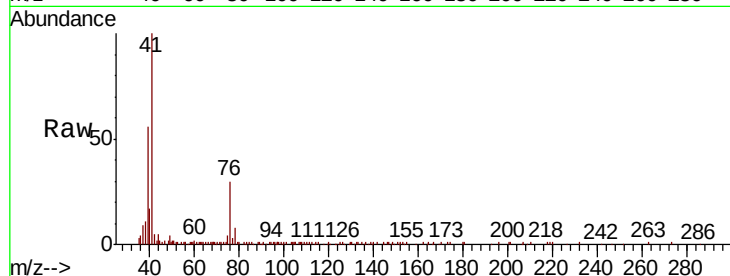




#17
Allvl chloride
Concen: 4.227 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

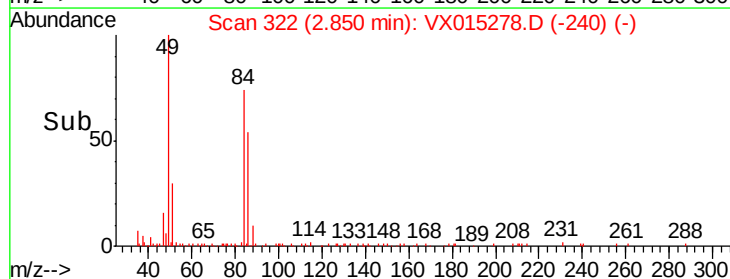
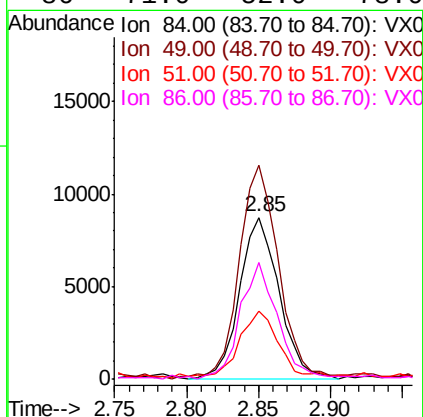
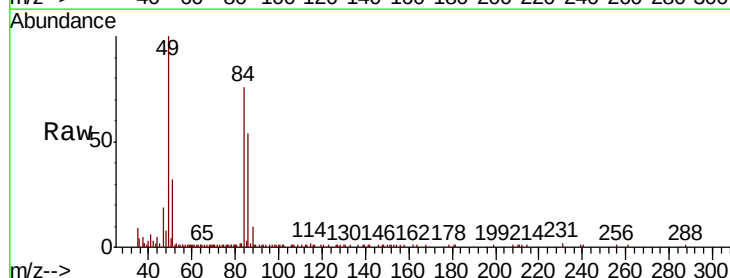
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

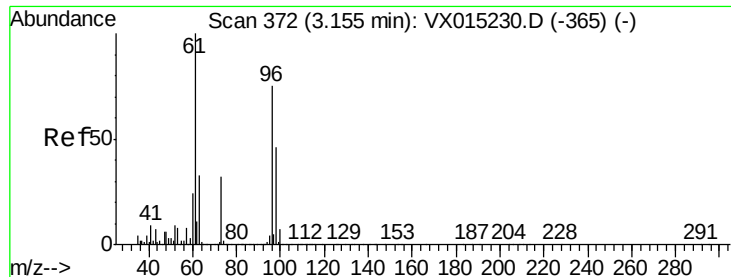
Tot Ion: 41 Resp: 24808
Ion Ratio Lower Upper
41 100
39 55.5 32.1 96.5
76 30.9 17.2 51.5



#18
Methylene Chloride
Concen: 4.656 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

Tgt Ion: 84 Resp: 16646
Ion Ratio Lower Upper
84 100
49 132.0 99.5 149.3
51 41.0 31.0 46.6
86 71.0 52.0 78.0





#19

trans-1,2-Dichloroethene

Concen: 4.734 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

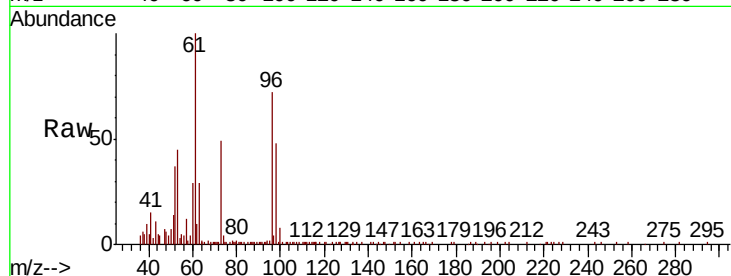
Tot Ion: 96 Resp: 16154

Ion Ratio Lower Upper

96 100

61 137.3 106.3 159.5

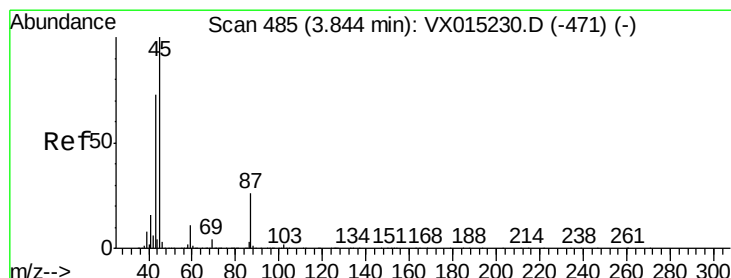
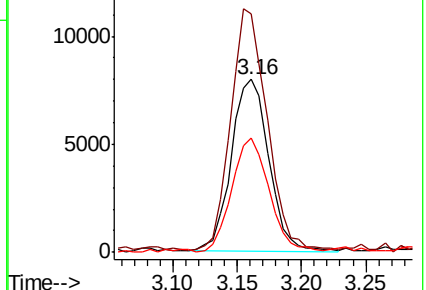
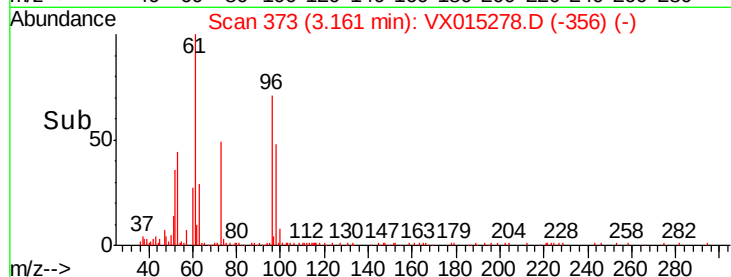
98 64.9 49.1 73.7



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 4.504 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Tgt Ion: 45 Resp: 52515

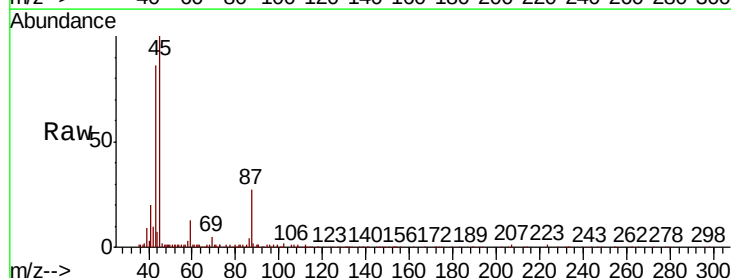
Ion Ratio Lower Upper

45 100

43 84.3 58.6 87.8

87 26.2 21.0 31.4

59 11.2 8.5 12.7

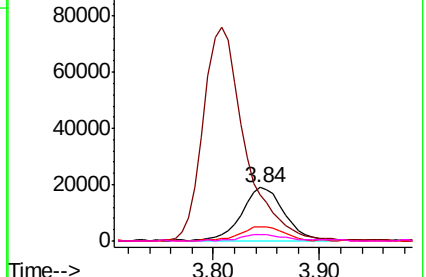
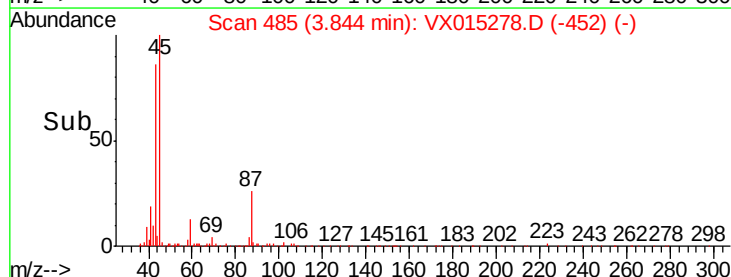


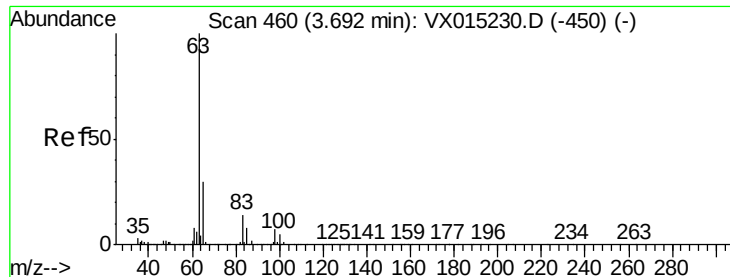
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#21

1,1-Dichloroethane

Concen: 4.568 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

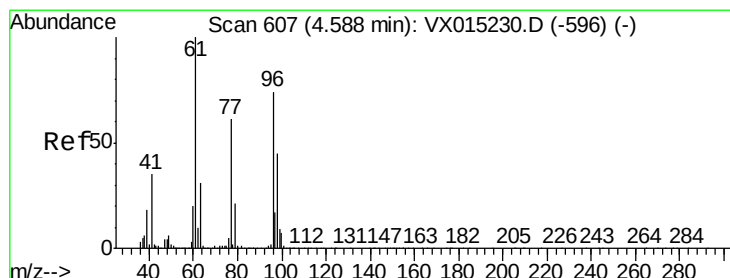
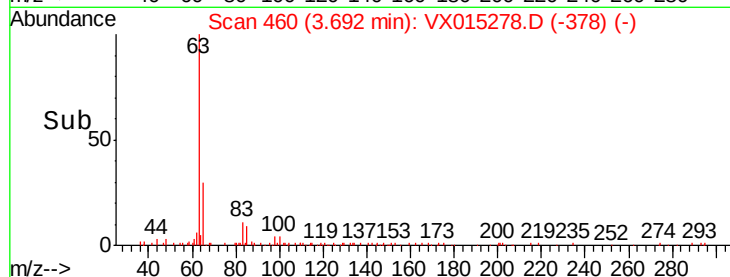
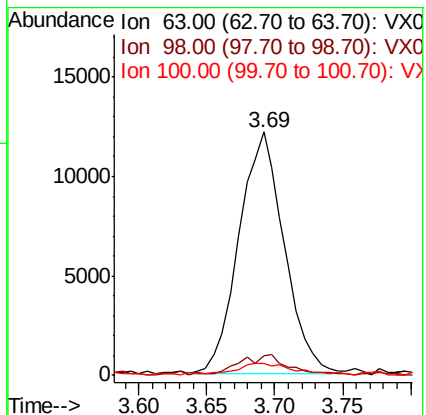
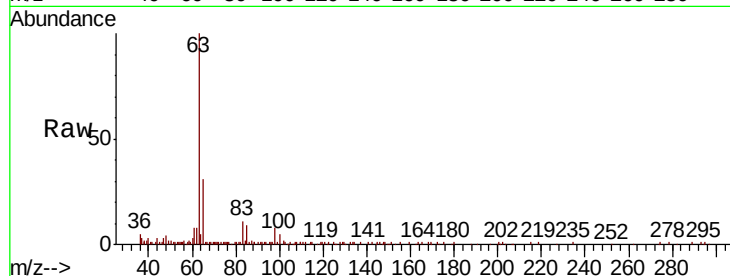
Tot Ion: 63 Resp: 28220

Ion Ratio Lower Upper

63 100

98 8.0 3.5 10.6

100 3.5 2.4 7.1



#22

cis-1,2-Dichloroethene

Concen: 4.614 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

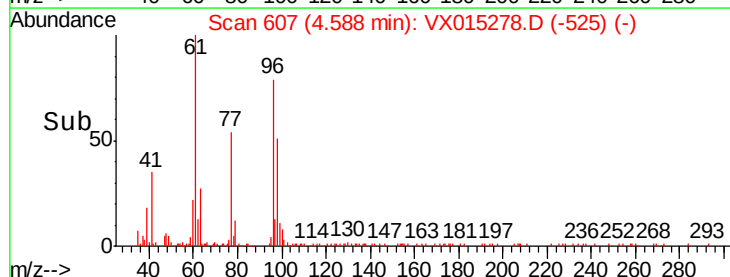
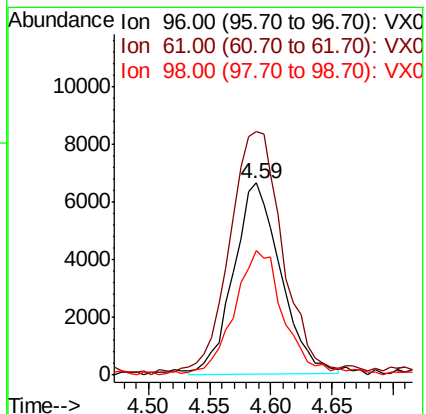
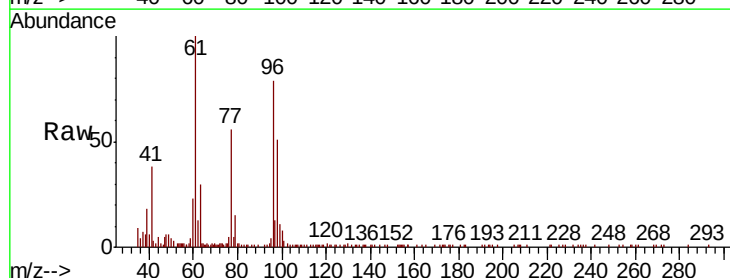
Tgt Ion: 96 Resp: 17799

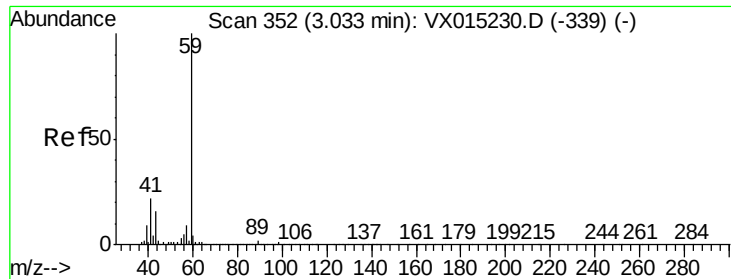
Ion Ratio Lower Upper

96 100

61 138.6 111.4 167.0

98 66.3 50.1 75.1



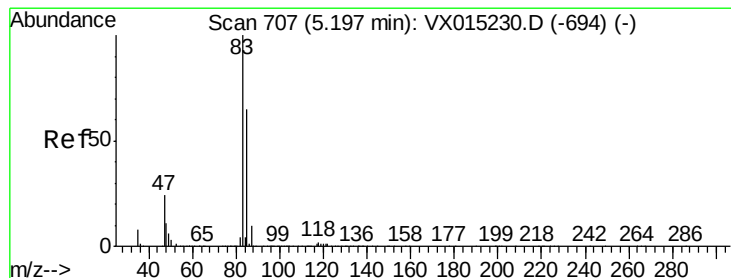
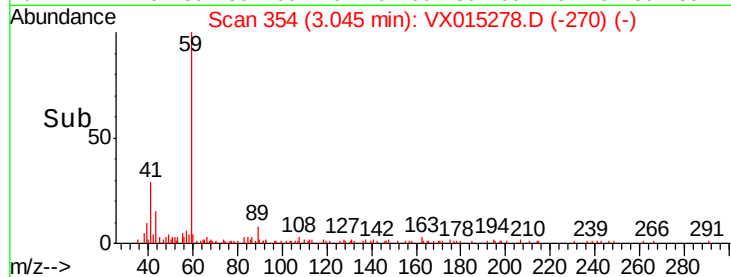
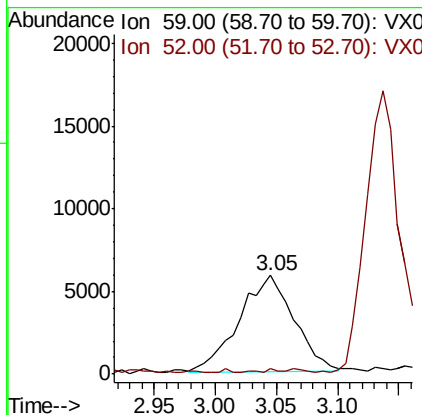
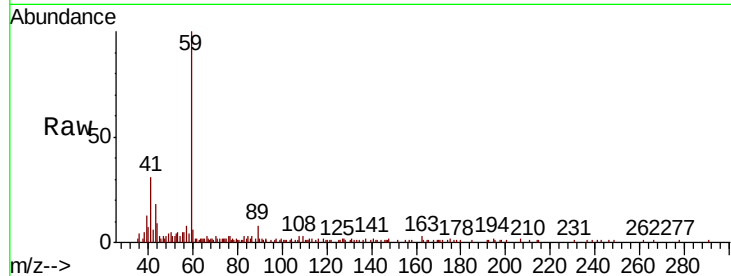


#23

tert-Butyl Alcohol
 Concen: 25.863 ug/l
 RT: 3.05 min Scan# 354
 Delta R.T. 0.01 min
 Lab File: VX015278.D
 Acq: 13 Mar 2020 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

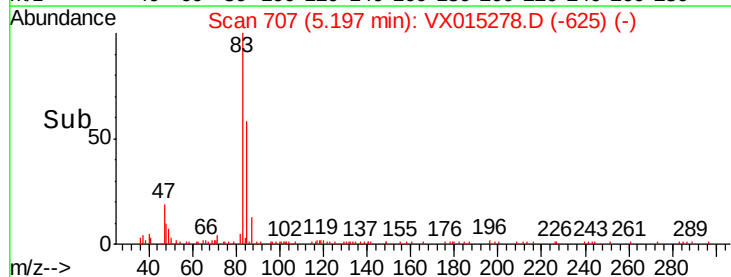
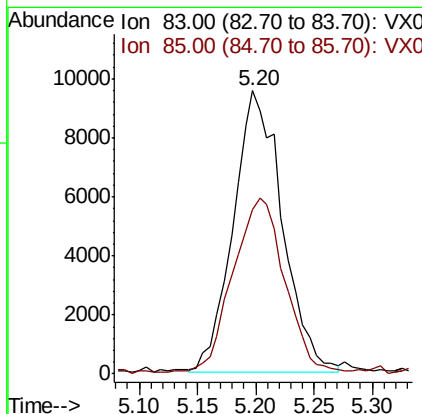
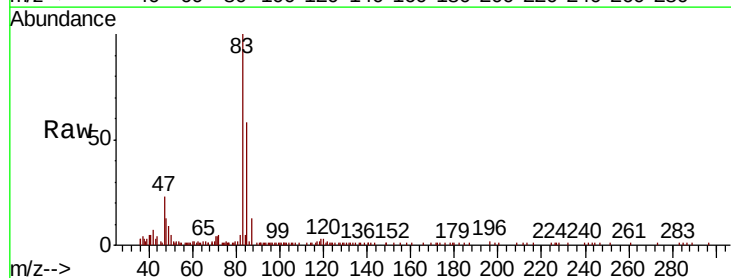
Tot Ion: 59 Resp: 18313
 Ion Ratio Lower Upper
 59 100
 52 0.7 0.4 0.6#

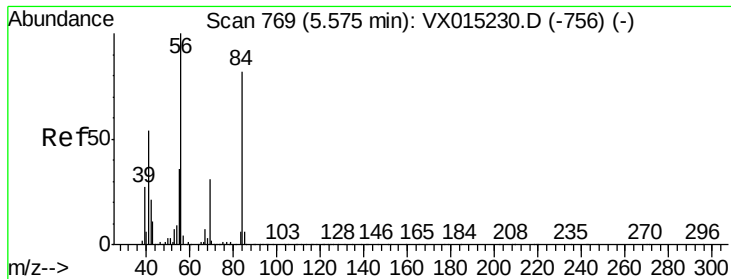


#25

Chloroform
 Concen: 4.775 ug/l
 RT: 5.20 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VX015278.D
 Acq: 13 Mar 2020 23:59

Tgt Ion: 83 Resp: 28065
 Ion Ratio Lower Upper
 83 100
 85 57.9 51.4 77.2

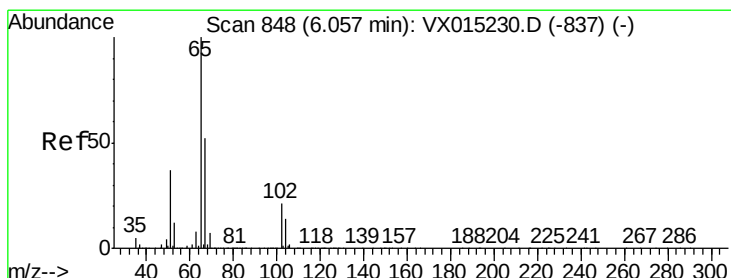
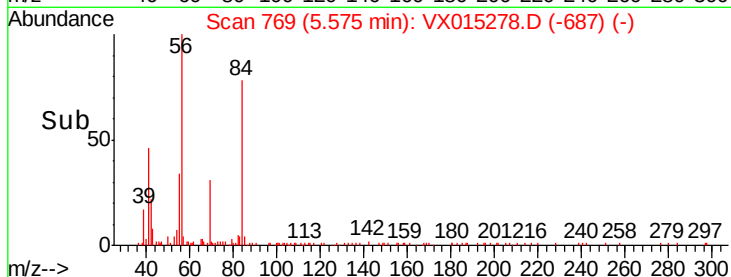
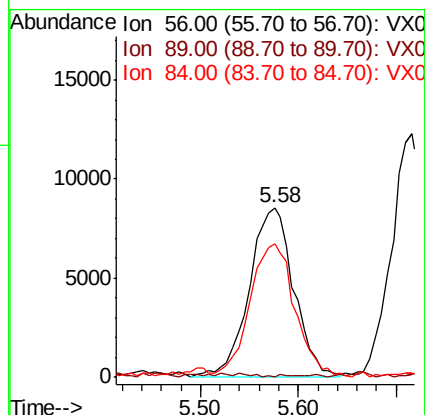
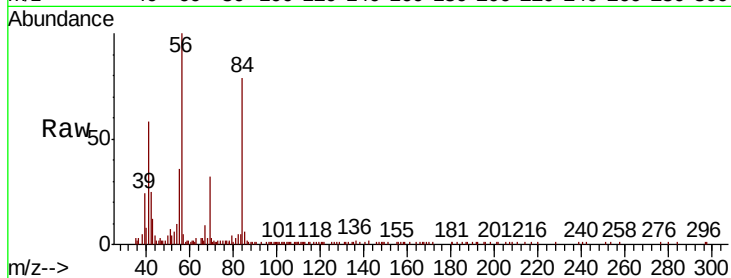




#26
Cyclohexane
Concen: 4.737 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

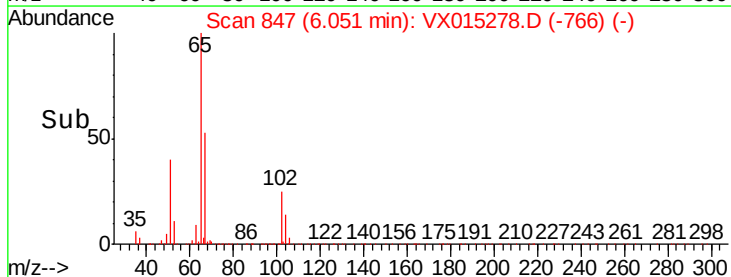
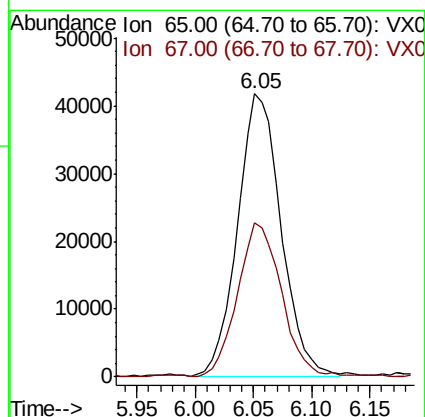
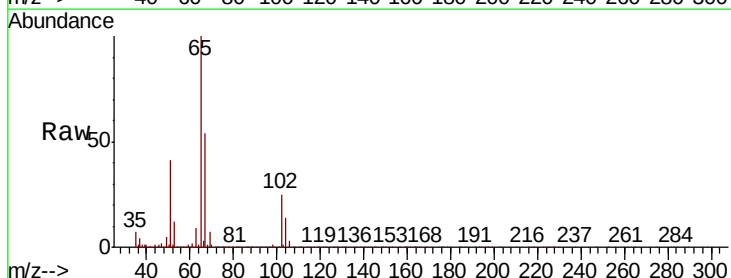
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

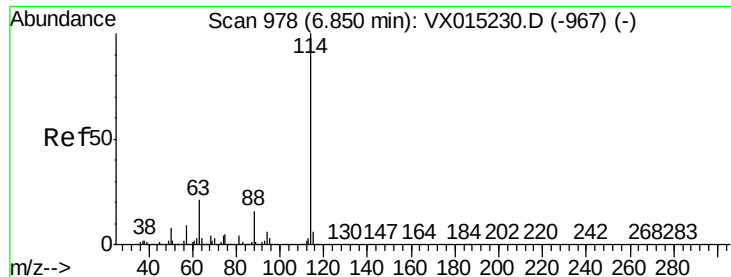
Tot Ion: 56 Resp: 27196
Ion Ratio Lower Upper
56 100
89 0.3 0.1 0.1#
84 79.5 68.2 102.4



#27
1,2-Dichloroethane-d4
Concen: 29.535 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.01 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

Tgt Ion: 65 Resp: 108234
Ion Ratio Lower Upper
65 100
67 53.7 43.5 65.3

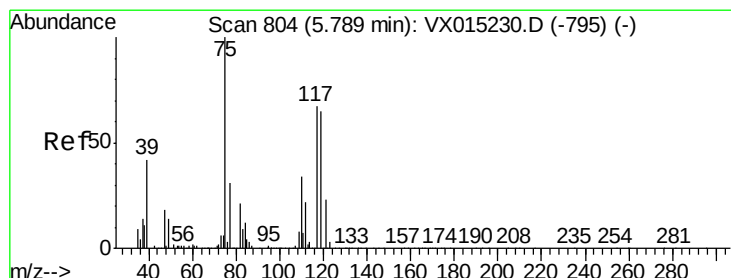
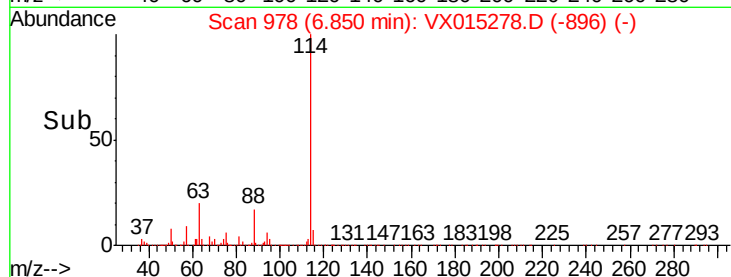
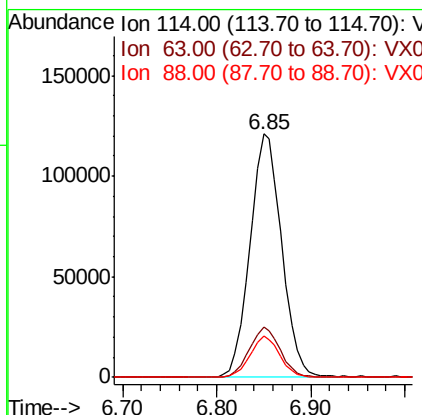
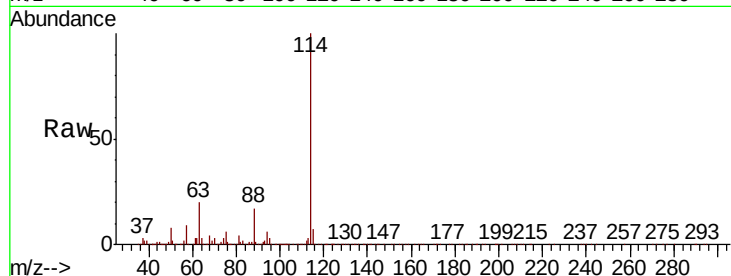




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

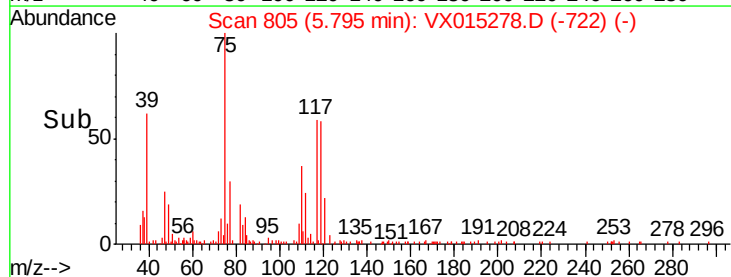
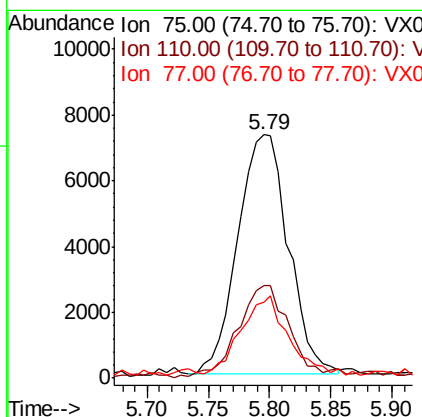
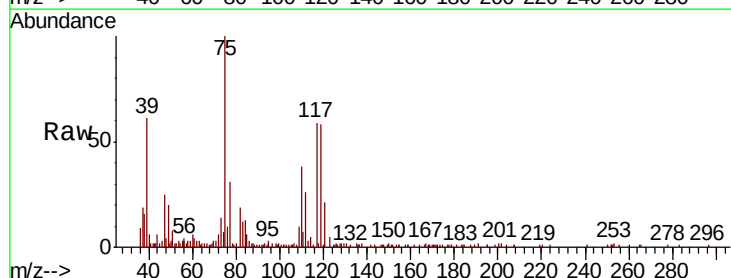
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

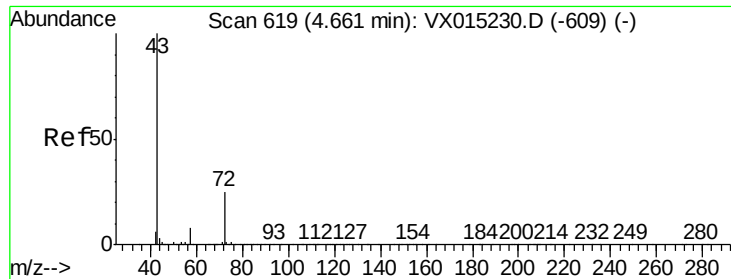
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.6	24.8
88	15.8	12.6	19.0



#29
1,1-Dichloropropene
Concen: 4.777 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.8	0.0	73.6
77	31.2	0.0	63.4

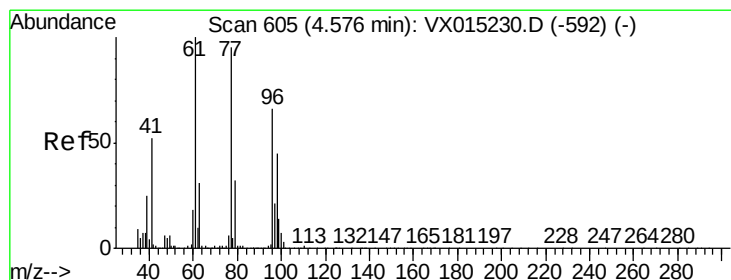
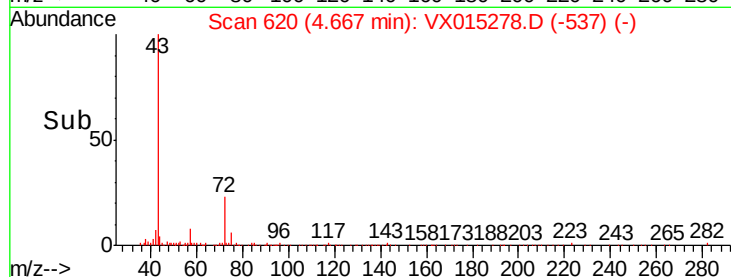
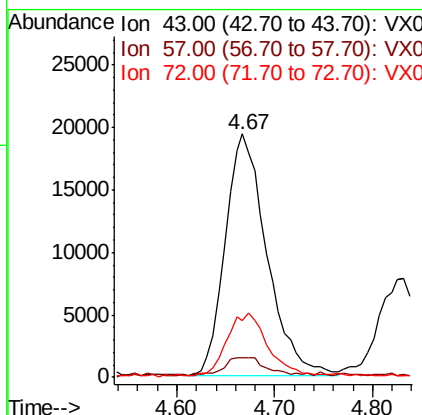
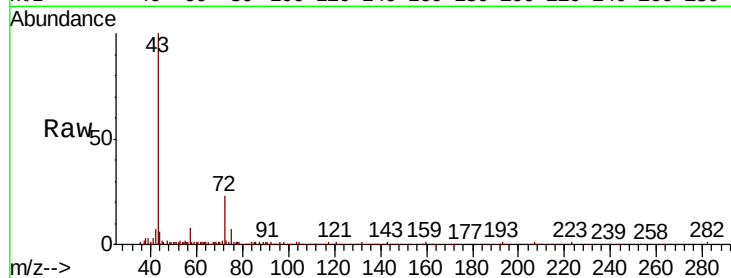




#30
2-Butanone
Concen: 24.192 ug/l
RT: 4.67 min Scan# 620
Delta R.T. 0.01 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

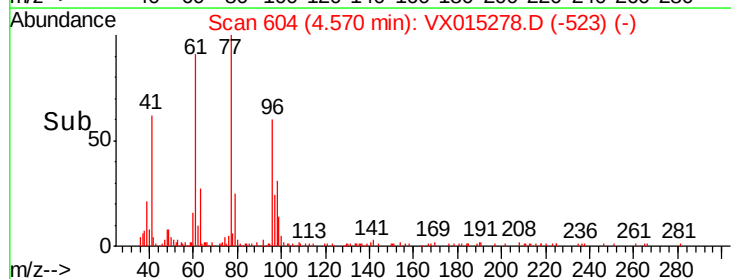
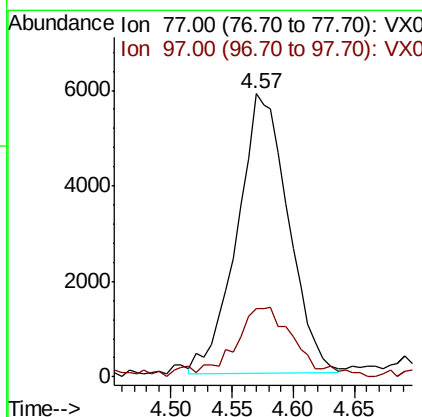
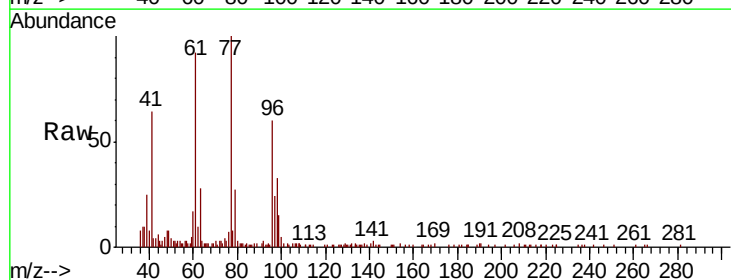
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

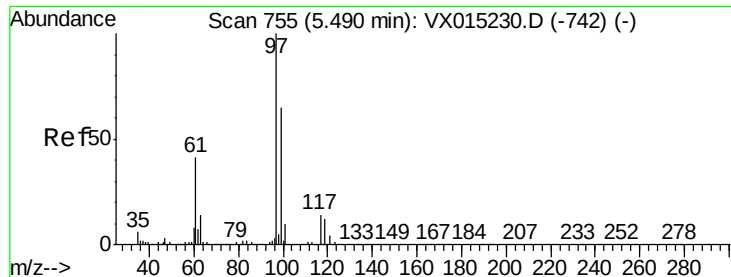
Tot Ion: 43 Resp: 56801
Ion Ratio Lower Upper
43 100
57 4.0 6.4 9.6#
72 25.5 19.9 29.9



#31
2,2-Dichloropropane
Concen: 3.780 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

Tgt Ion: 77 Resp: 17028
Ion Ratio Lower Upper
77 100
97 25.0 19.8 29.6





#32

1,1,1-Trichloroethane

Concen: 4.980 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

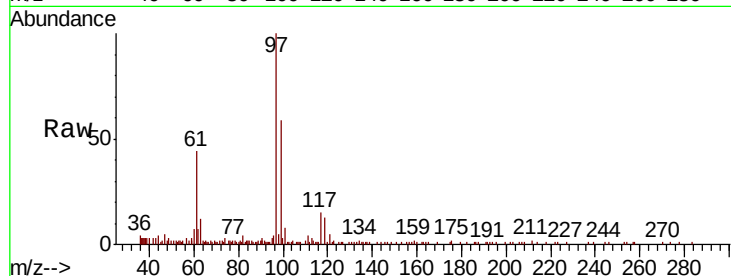
Tot Ion: 97 Resp: 23758

Ion Ratio Lower Upper

97 100

99 62.7 52.0 78.0

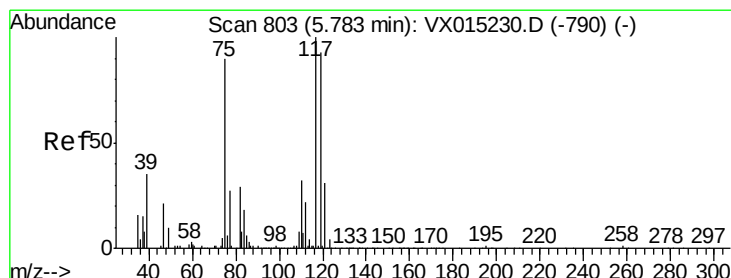
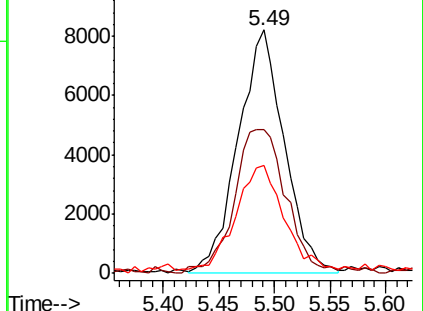
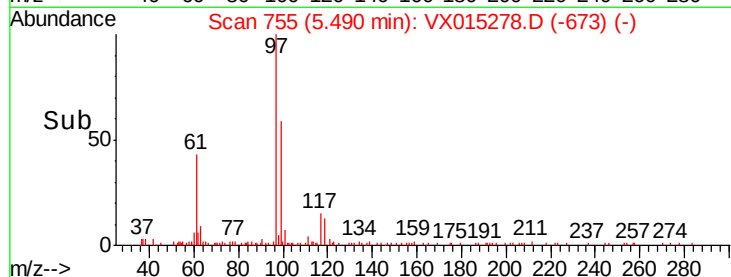
61 38.2 35.0 52.6



Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#33

Carbon Tetrachloride

Concen: 4.922 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

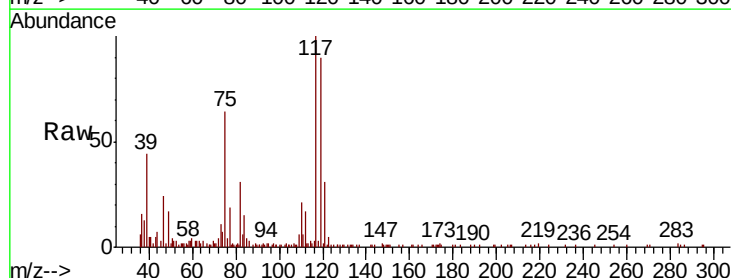
Tgt Ion: 117 Resp: 20095

Ion Ratio Lower Upper

117 100

119 89.2 74.2 111.4

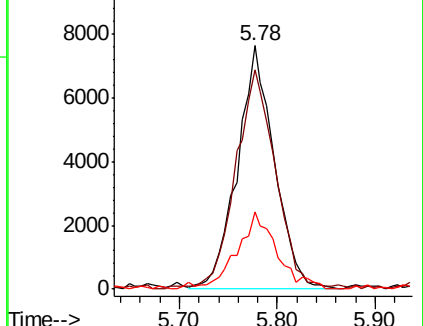
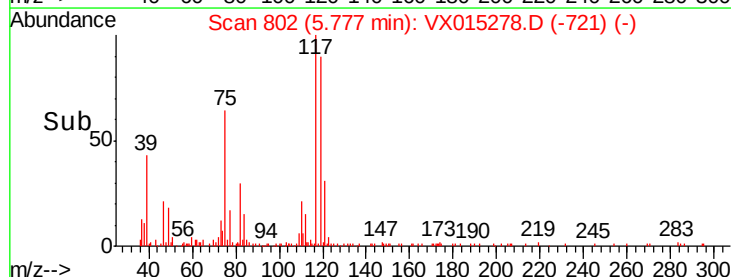
121 31.5 24.3 36.5

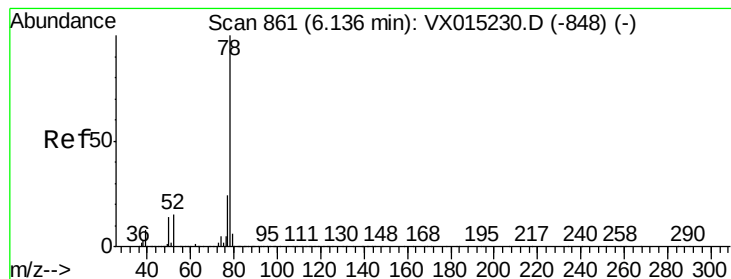


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#34

Benzene

Concen: 5.158 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

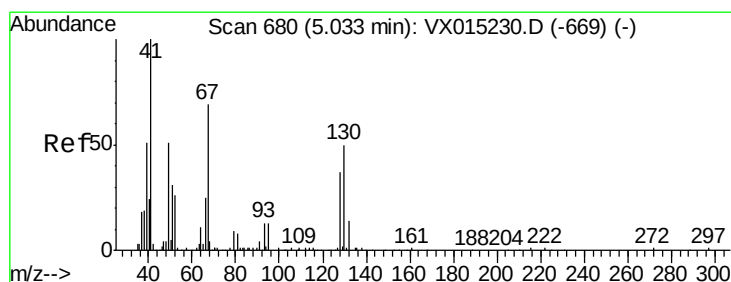
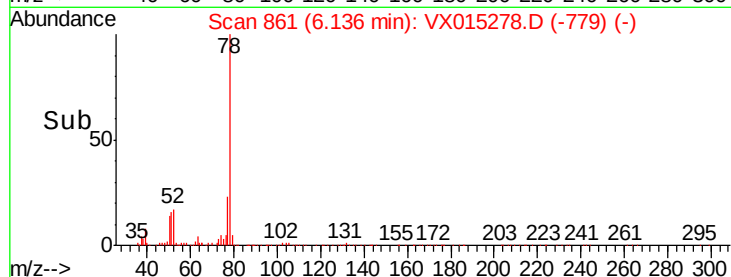
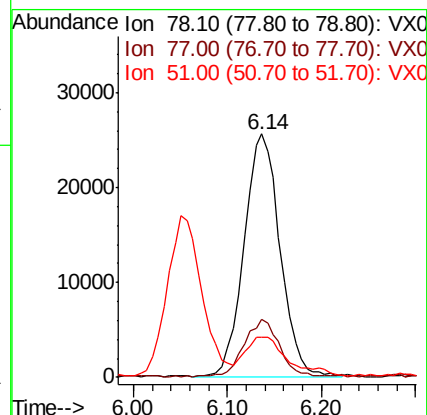
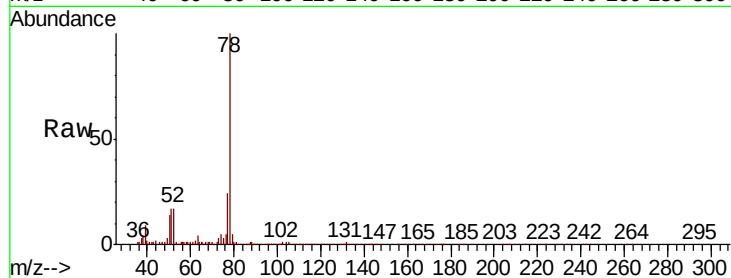
Tot Ion: 78 Resp: 68521

Ion Ratio Lower Upper

78 100

77 23.1 19.1 28.7

51 14.9 13.4 20.2



#35

Methacrylonitrile

Concen: 4.820 ug/l

RT: 5.04 min Scan# 681

Delta R.T. 0.01 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Tgt Ion: 41 Resp: 12235

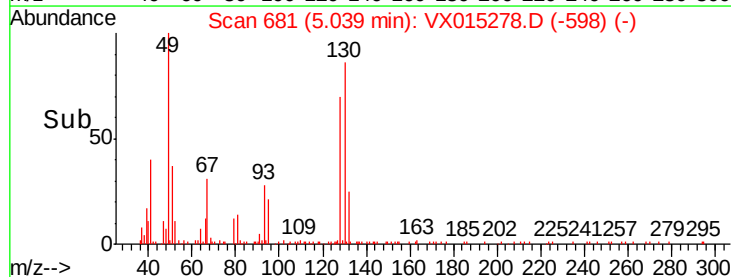
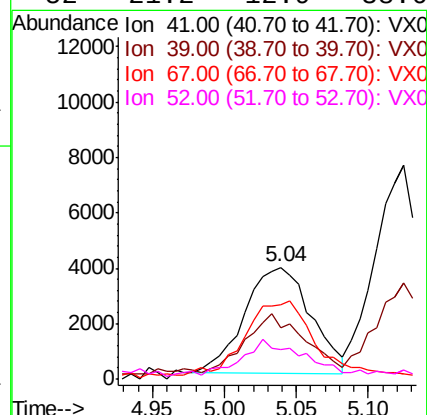
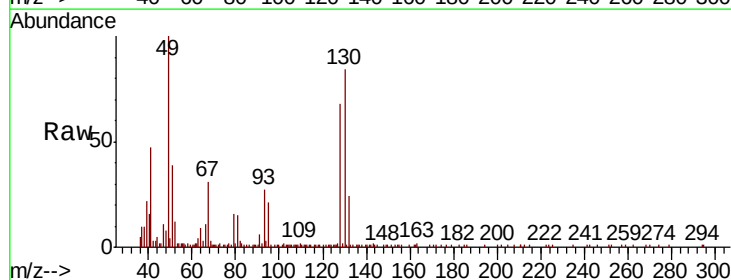
Ion Ratio Lower Upper

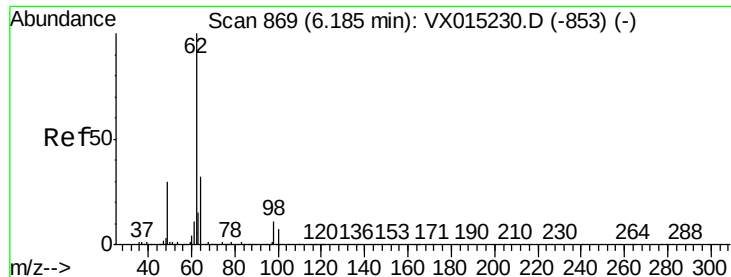
41 100

39 41.0 25.7 77.1

67 62.5 34.3 102.8

52 21.2 12.9 38.6

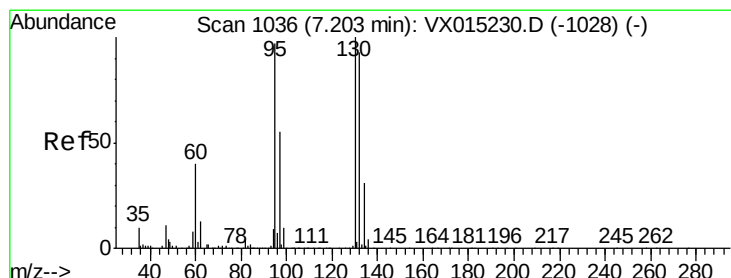
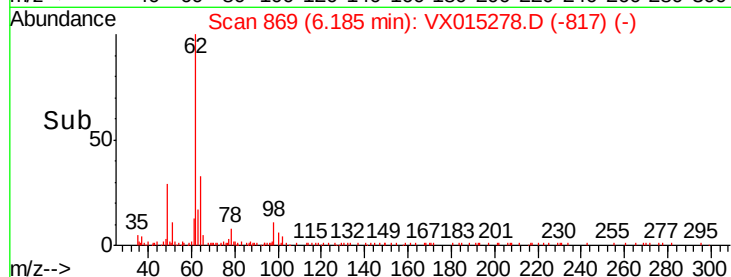
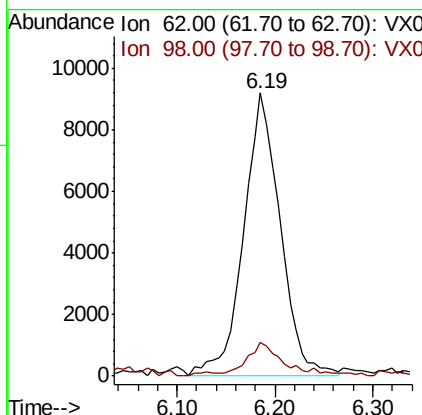
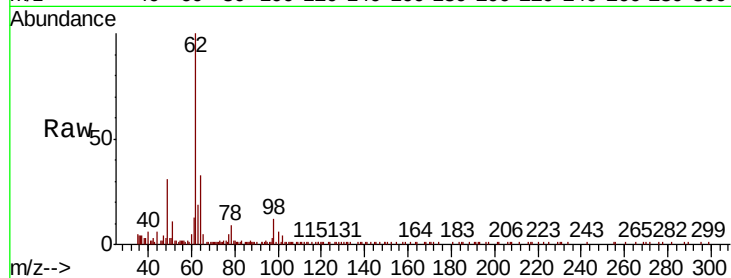




#36
1,2-Dichloroethane
Concen: 5.414 ug/l
RT: 6.19 min Scan# 869
Delta R.T. -0.18 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

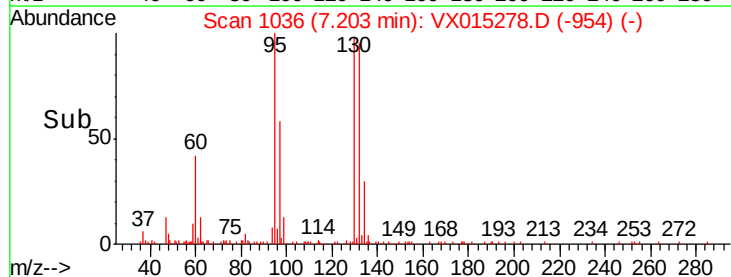
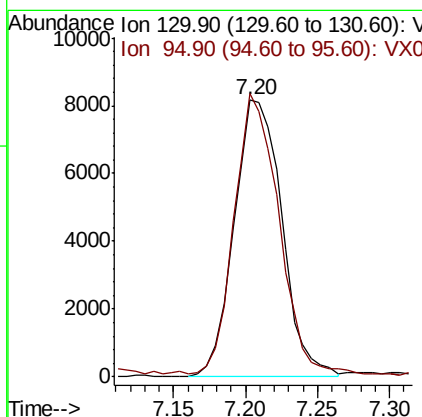
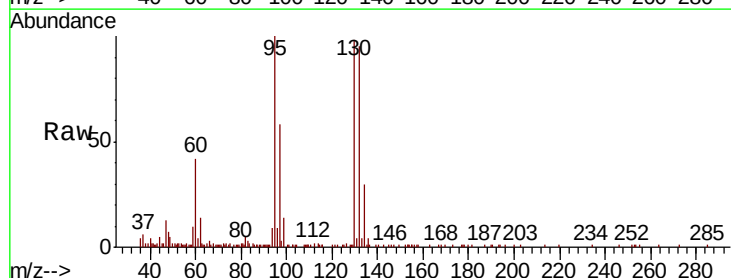
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

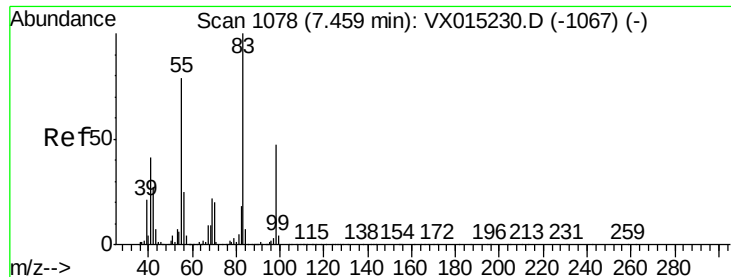
Tot Ion: 62 Resp: 23993
Ion Ratio Lower Upper
62 100
98 8.7 8.4 12.6



#37
Trichloroethene
Concen: 5.114 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

Tgt Ion:130 Resp: 18789
Ion Ratio Lower Upper
130 100
95 101.2 77.4 116.0

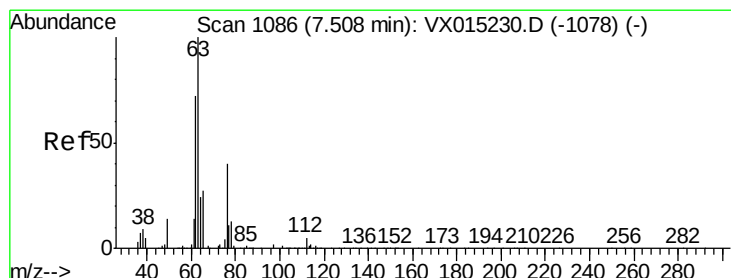
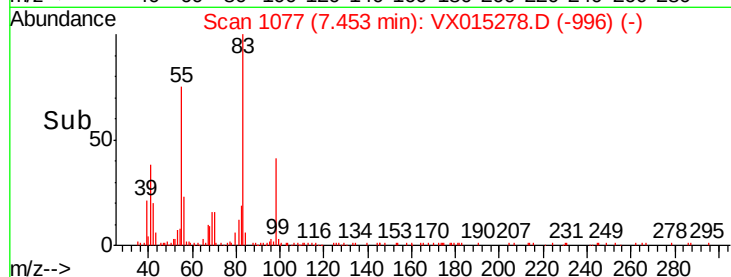
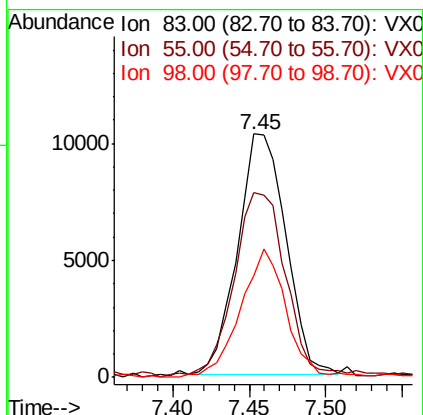
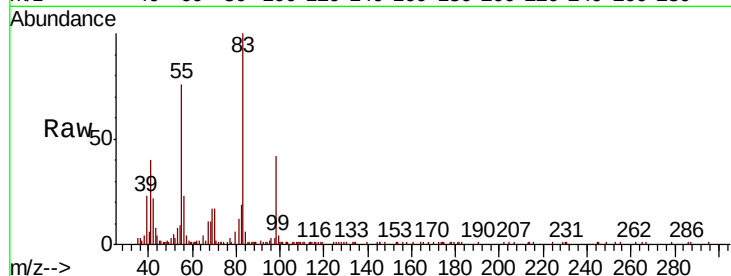




#38
Methvlcvclohexane
Concen: 4.237 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

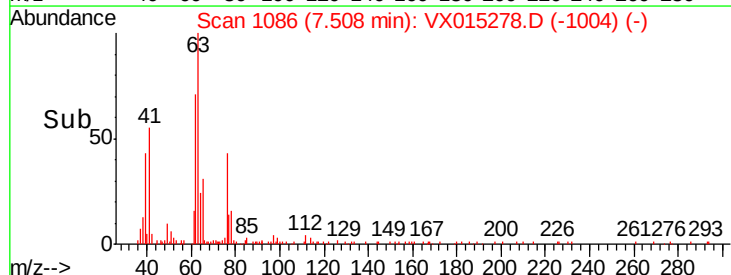
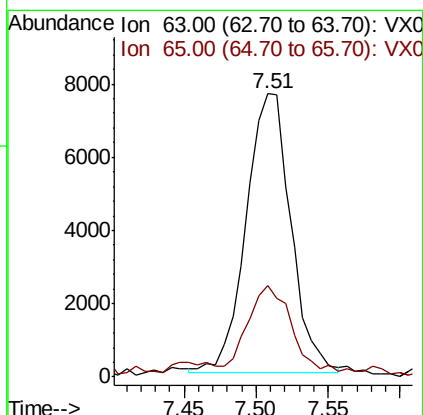
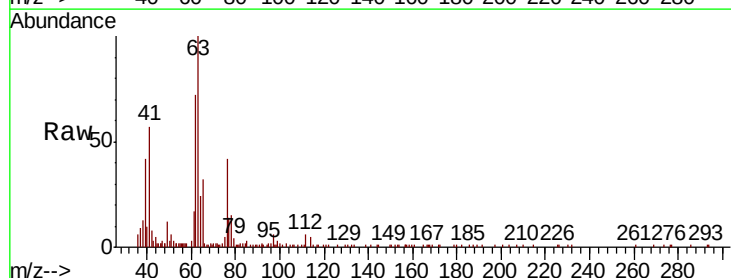
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

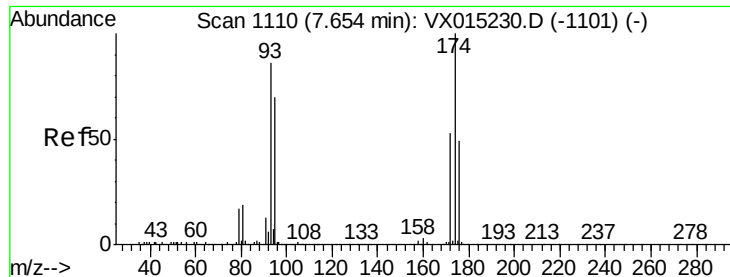
Tot Ion: 83 Resp: 22573
Ion Ratio Lower Upper
83 100
55 78.5 39.1 117.2
98 49.7 24.4 73.2



#39
1,2-Dichloropropane
Concen: 4.740 ug/l
RT: 7.51 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

Tgt Ion: 63 Resp: 16269
Ion Ratio Lower Upper
63 100
65 31.6 23.2 34.8





#40

Dibromomethane

Concen: 5.204 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

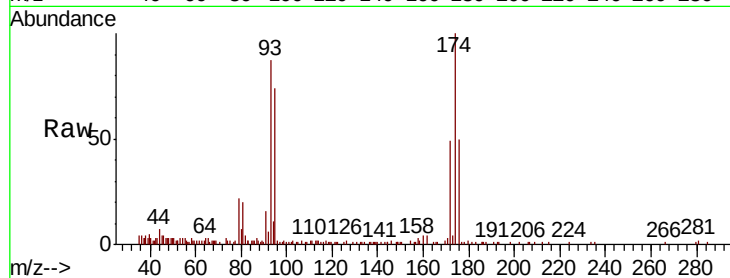
Tot Ion: 93 Resp: 11352

Ion Ratio Lower Upper

93 100

95 75.5 0.0 162.6

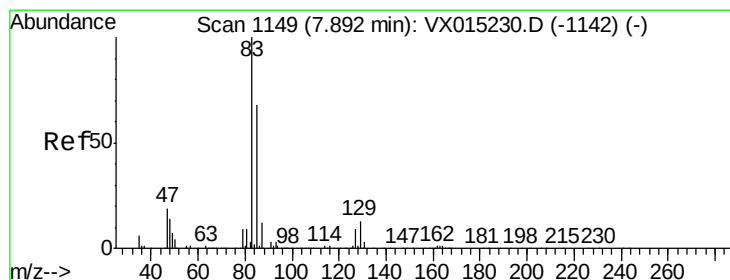
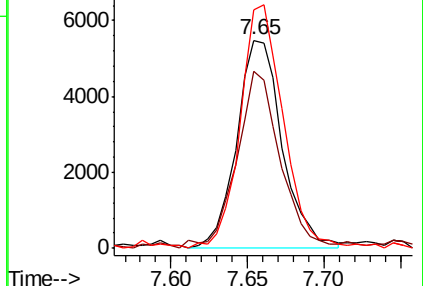
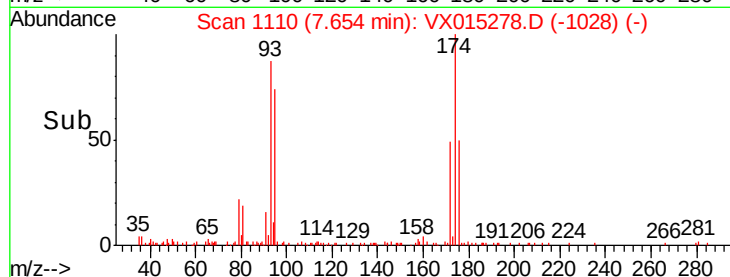
174 110.5 0.0 233.6



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V



#41

Bromodichloromethane

Concen: 4.442 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

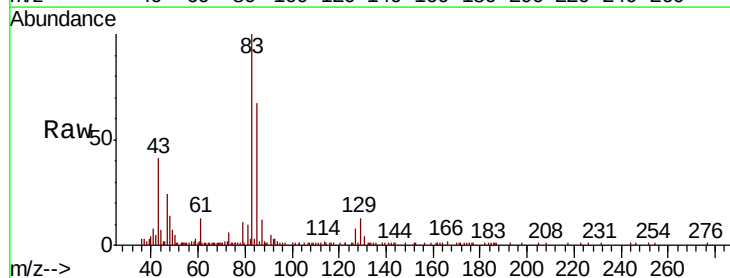
Tgt Ion: 83 Resp: 19163

Ion Ratio Lower Upper

83 100

85 65.9 54.2 81.4

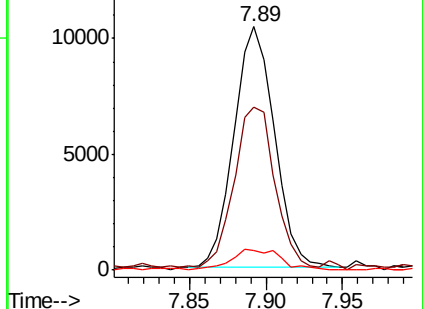
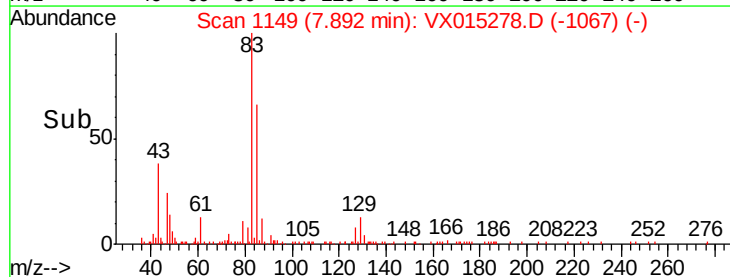
127 8.2 7.1 10.7

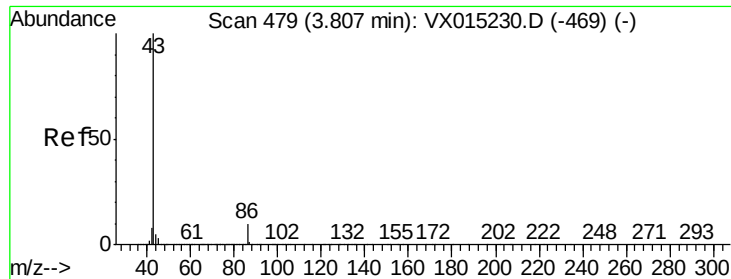


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V

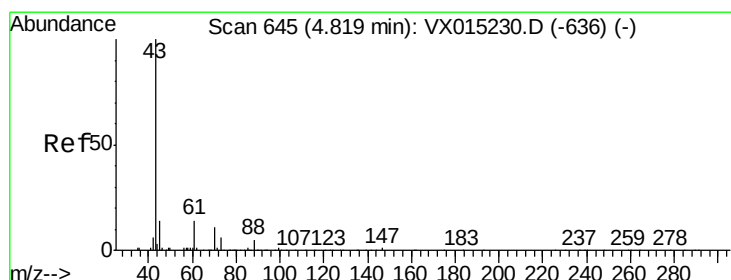
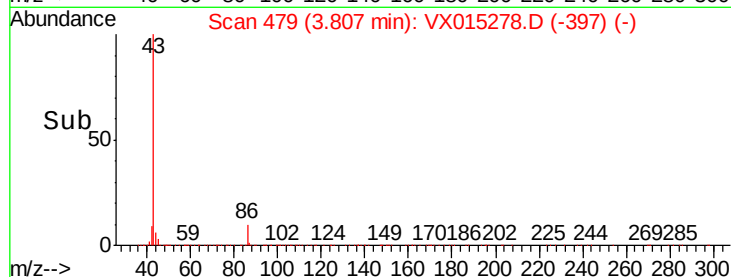
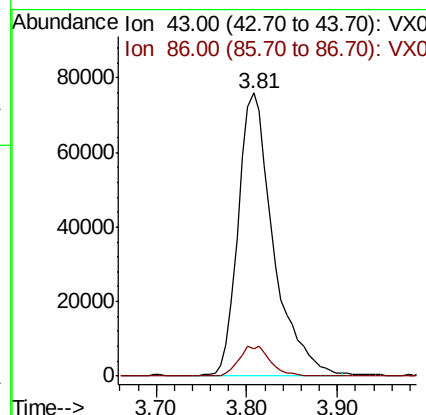
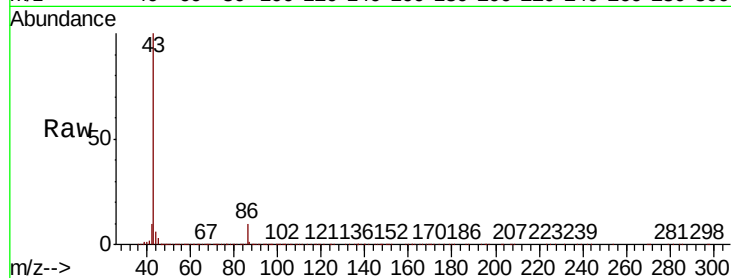




#42
 Vinyl Acetate
 Concen: 22.012 ug/l
 RT: 3.81 min Scan# 479
 Delta R.T. 0.00 min
 Lab File: VX015278.D
 Acq: 13 Mar 2020 23:59

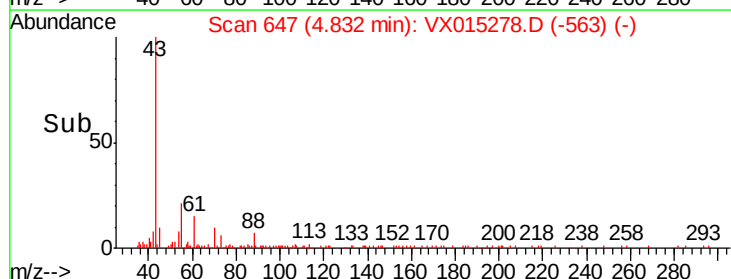
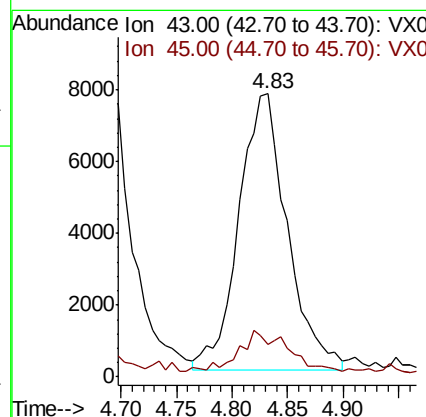
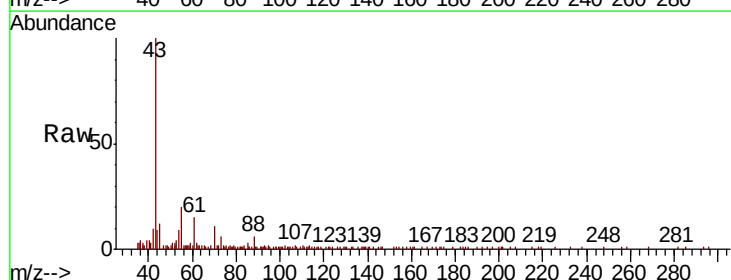
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

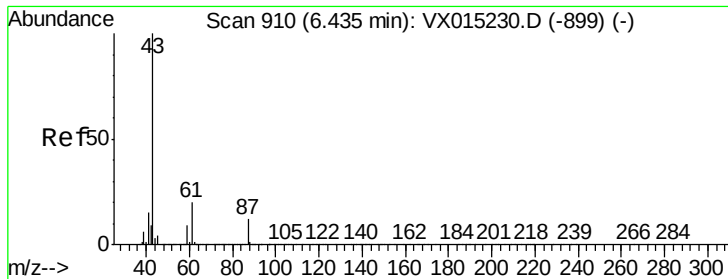
Tot Ion: 43 Resp: 203808
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.4 11.2



#43
 Ethyl Acetate
 Concen: 5.242 ug/l
 RT: 4.83 min Scan# 647
 Delta R.T. 0.01 min
 Lab File: VX015278.D
 Acq: 13 Mar 2020 23:59

Tgt Ion: 43 Resp: 23351
 Ion Ratio Lower Upper
 43 100
 45 4.3 11.7 17.5#



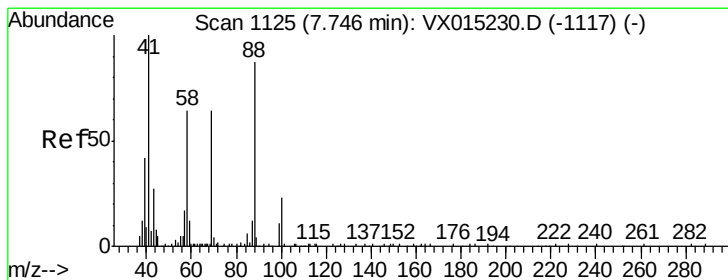
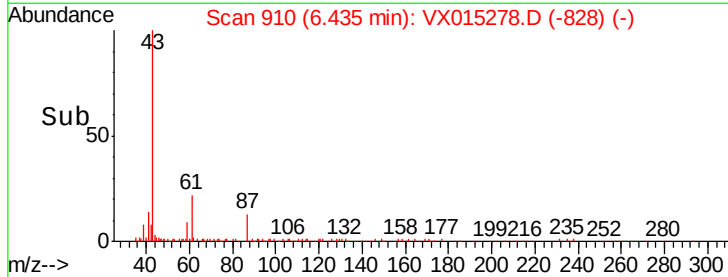
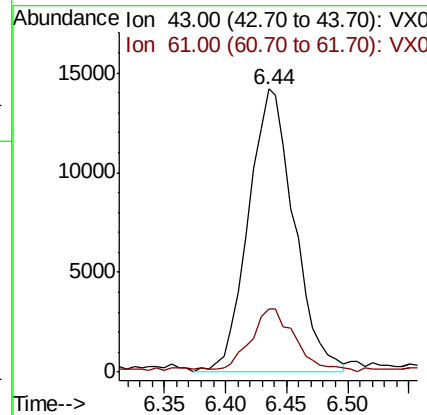
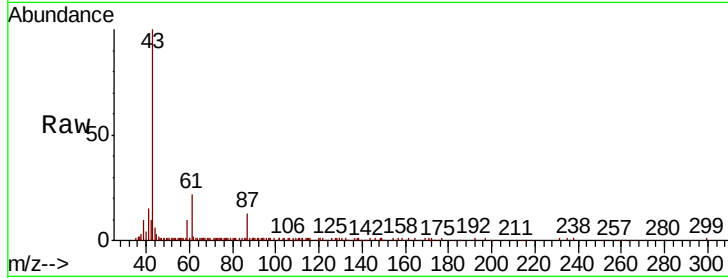


#44

Isopropyl Acetate
 Concen: 4.892 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX015278.D
 Acq: 13 Mar 2020 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

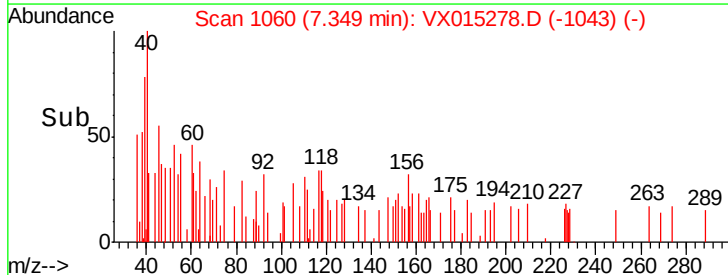
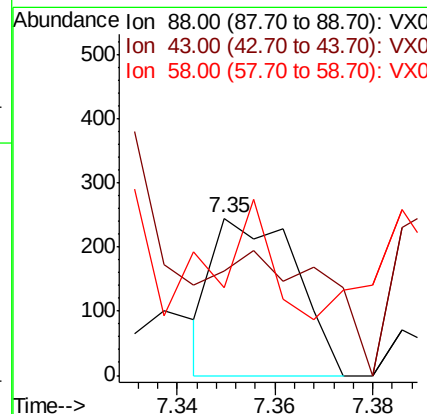
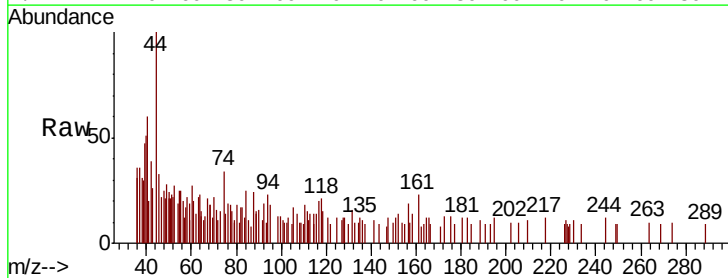
Tot Ion: 43 Resp: 36863
 Ion Ratio Lower Upper
 43 100
 61 22.4 17.0 25.4

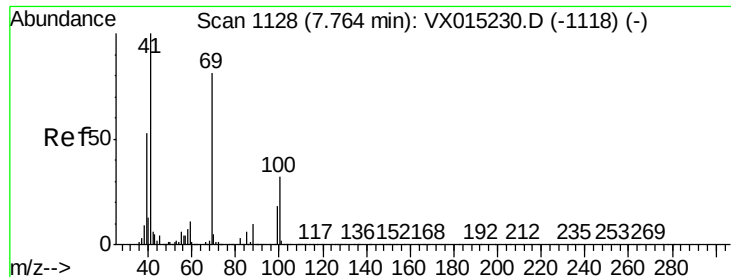


#45

1,4-Dioxane
 Concen: 3.878 ug/l
 RT: 7.35 min Scan# 1060
 Delta R.T. -0.40 min
 Lab File: VX015278.D
 Acq: 13 Mar 2020 23:59

Tgt Ion: 88 Resp: 287
 Ion Ratio Lower Upper
 88 100
 43 29.3 26.4 39.6
 58 85.7 57.3 85.9

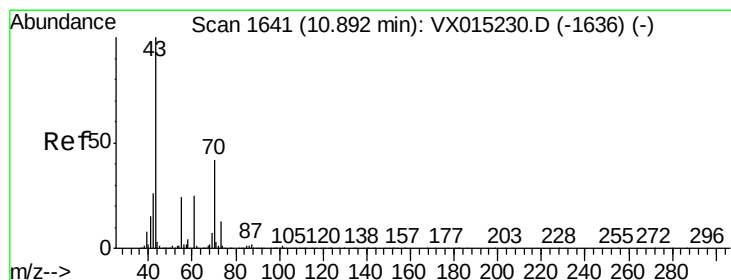
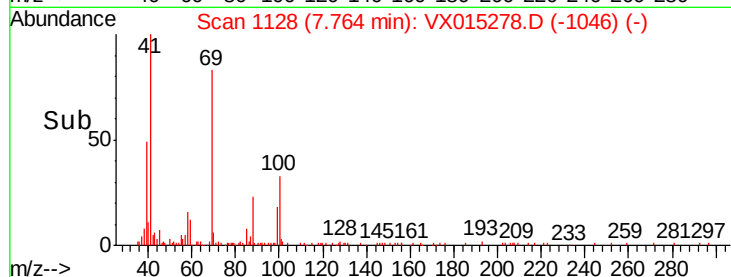
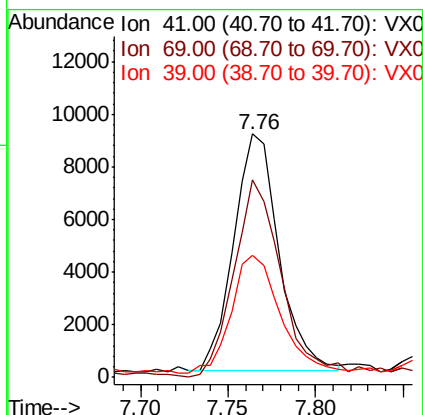
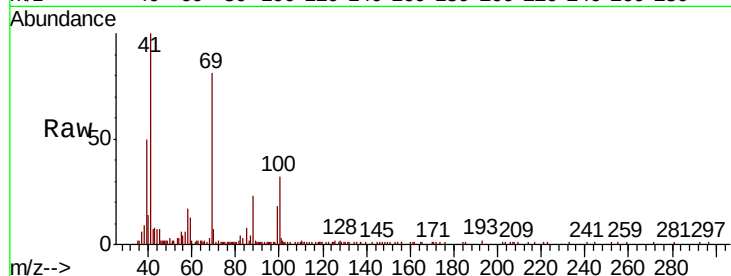




#46
Methyl methacrylate
Concen: 4.352 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

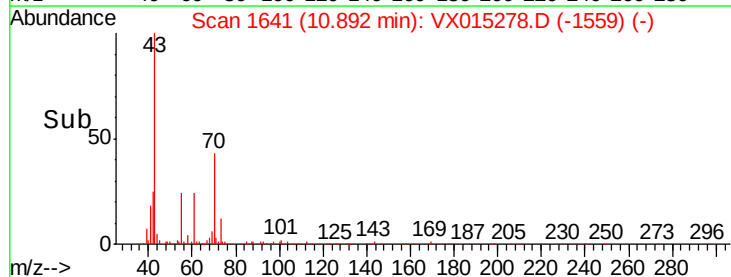
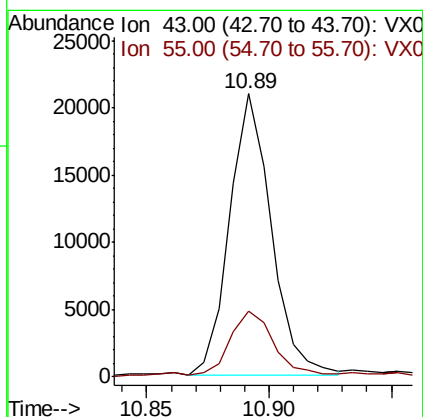
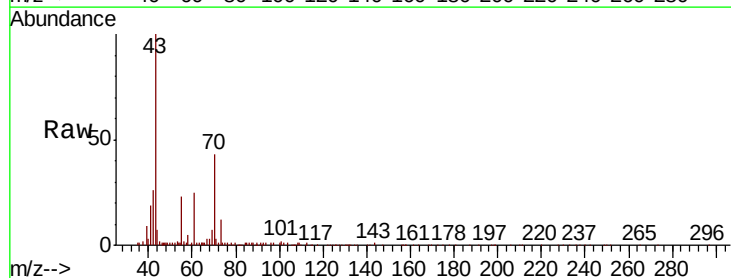
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

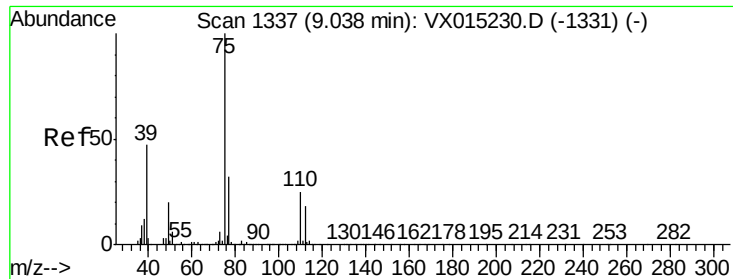
Tot Ion: 41 Resp: 16172
Ion Ratio Lower Upper
41 100
69 82.8 40.5 121.4
39 50.1 26.6 79.8



#47
n-ethyl Acetate
Concen: 3.656 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

Tgt Ion: 43 Resp: 24722
Ion Ratio Lower Upper
43 100
55 23.9 20.4 30.6





#48

t-1,3-Dichloropropene

Concen: 4.133 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

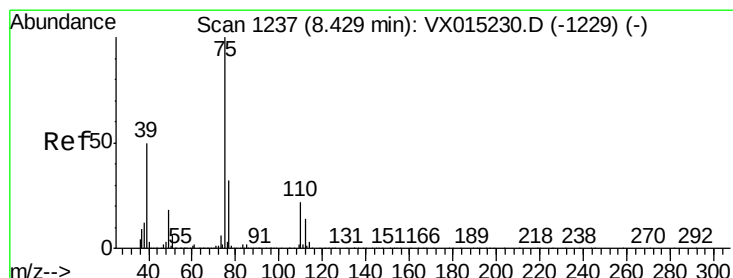
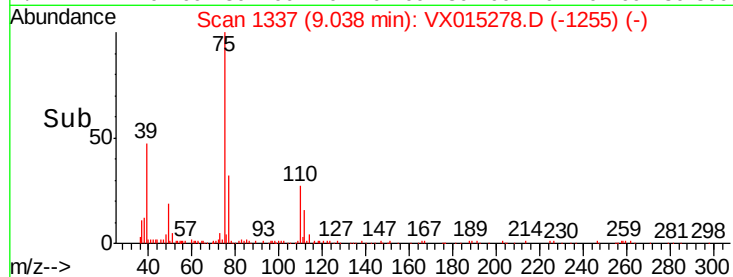
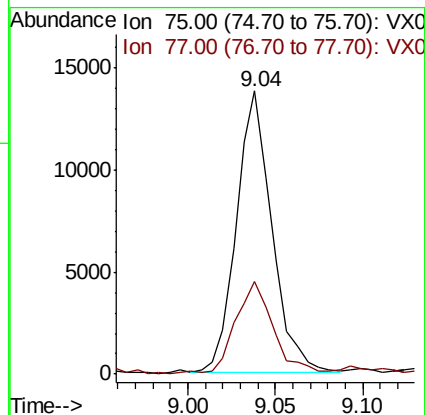
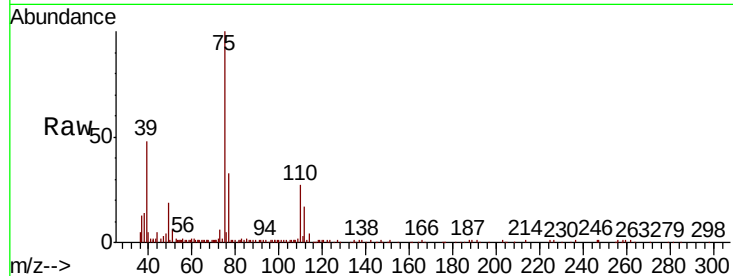
LOQ-WATER-02-QT1-2020

Tot Ion: 75 Resp: 19388

Ion Ratio Lower Upper

75 100

77 31.8 25.1 37.7



#49

cis-1,3-Dichloropropene

Concen: 4.435 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

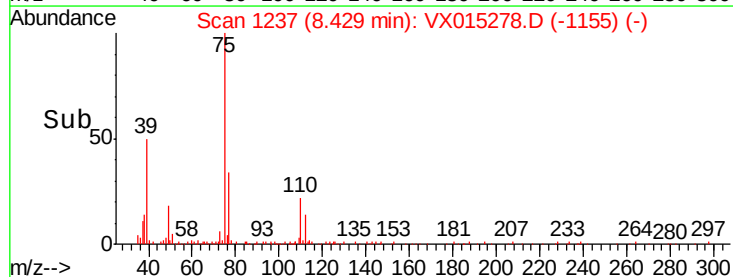
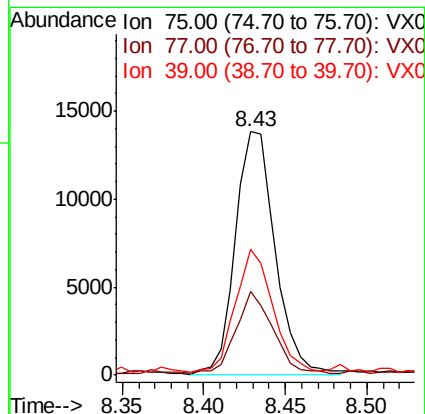
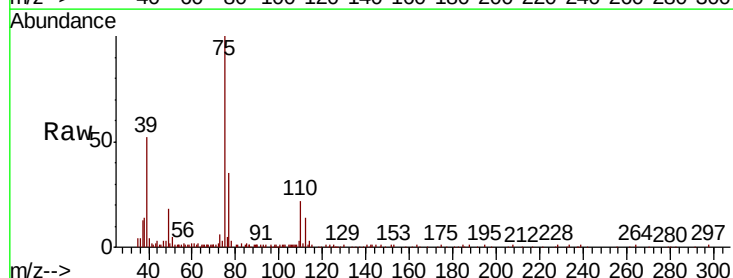
Tgt Ion: 75 Resp: 23626

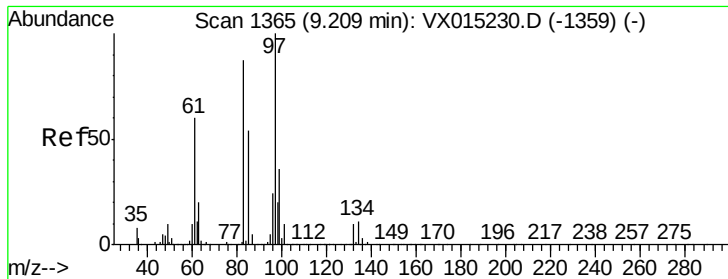
Ion Ratio Lower Upper

75 100

77 33.6 25.3 37.9

39 50.8 39.8 59.6

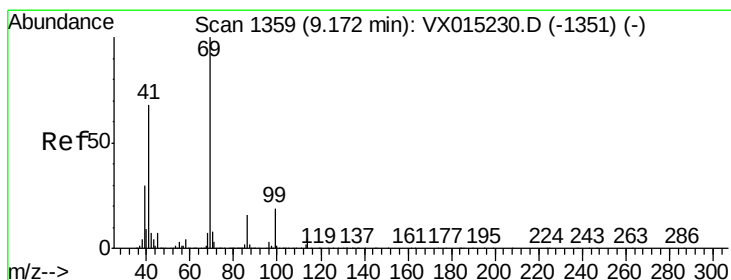
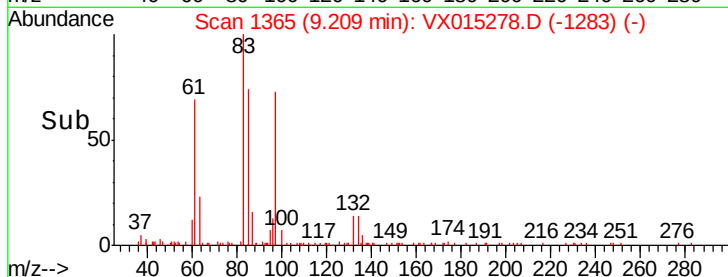
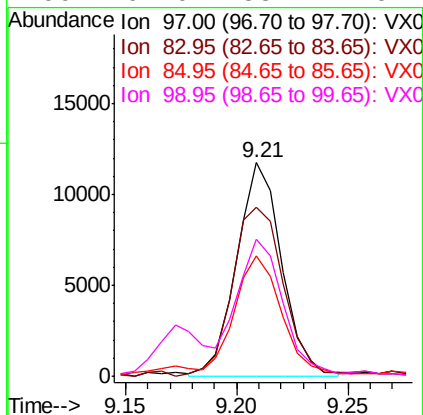
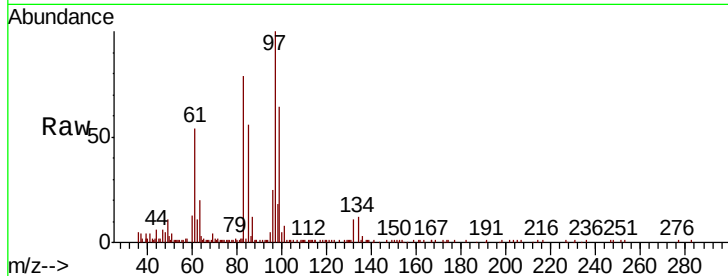




#50
1,1,2-Trichloroethane
Concen: 5.150 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

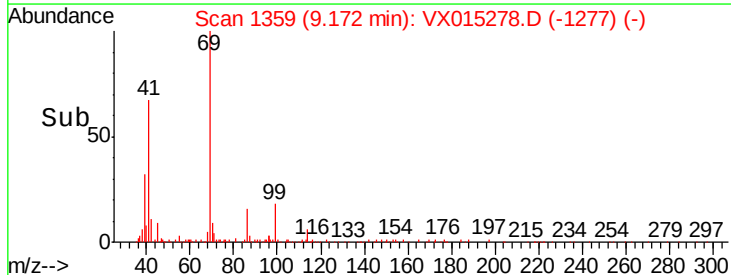
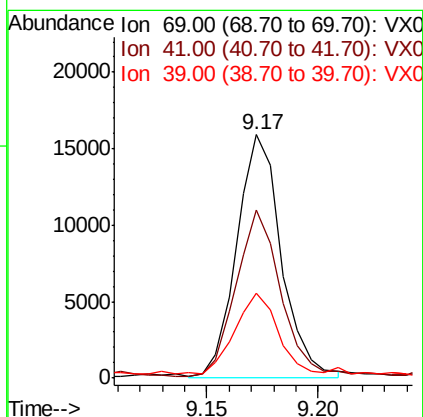
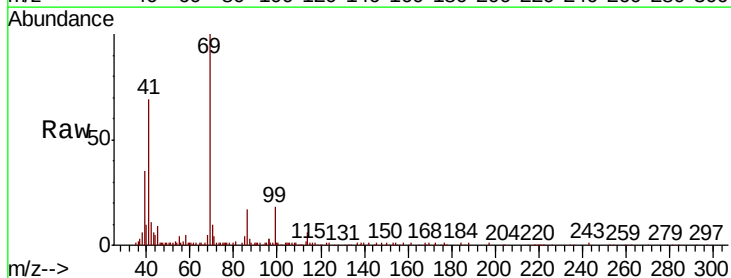
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

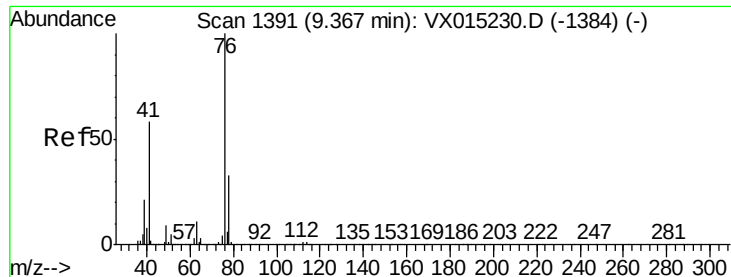
Tot Ion:	97	Resp:	16611
Ion	Ratio	Lower	Upper
97	100		
83	79.3	69.7	104.5
85	56.0	45.4	68.0
99	64.0	53.1	79.7



#51
Ethyl methacrylate
Concen: 4.385 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

Tgt Ion:	69	Resp:	22067
Ion	Ratio	Lower	Upper
69	100		
41	68.7	33.8	101.3
39	32.6	15.1	45.3





#52

1,3-Dichloropropane

Concen: 5.106 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

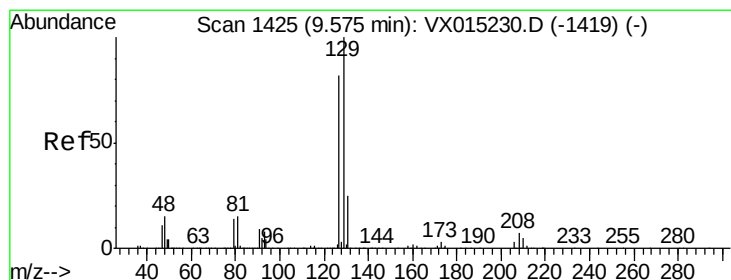
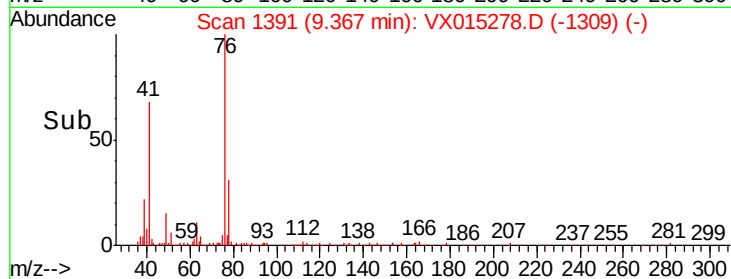
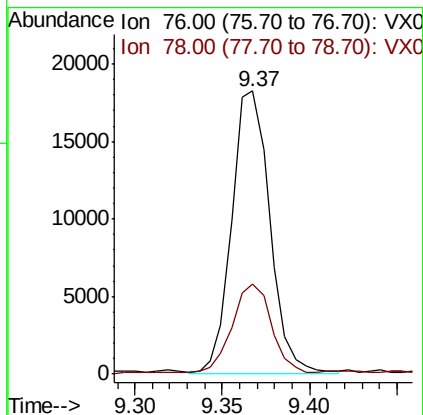
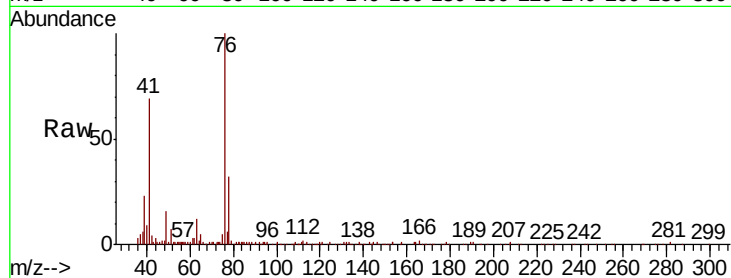
LOQ-WATER-02-QT1-2020

Tot Ion: 76 Resp: 27874

Ion Ratio Lower Upper

76 100

78 32.1 0.0 65.2



#53

Dibromochloromethane

Concen: 4.723 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015278.D

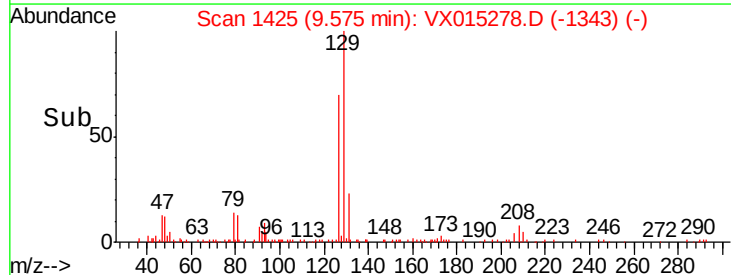
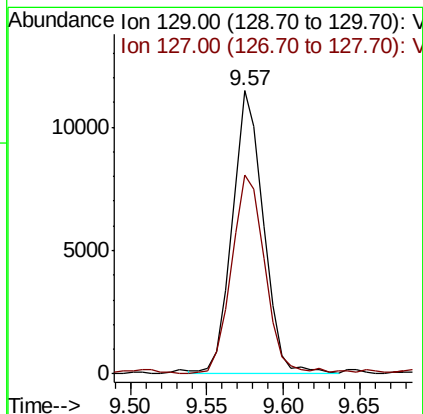
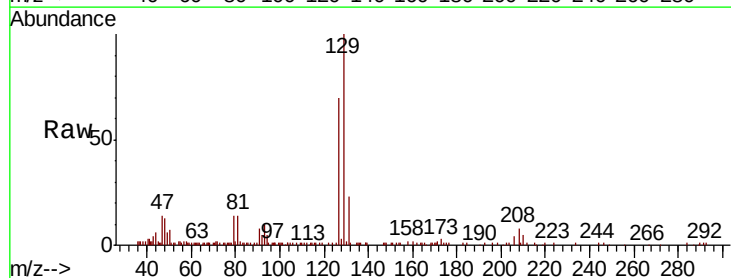
Acq: 13 Mar 2020 23:59

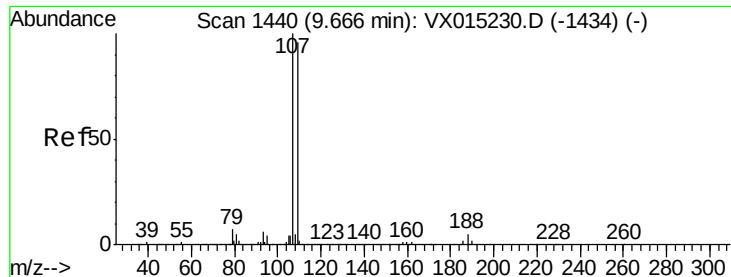
Tgt Ion: 129 Resp: 16224

Ion Ratio Lower Upper

129 100

127 74.7 40.4 121.1

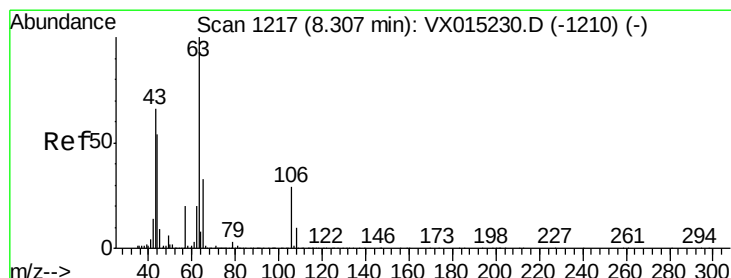
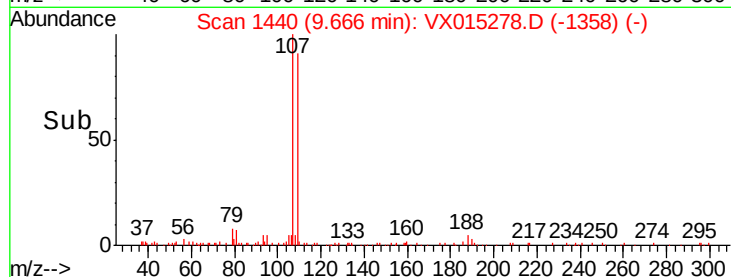
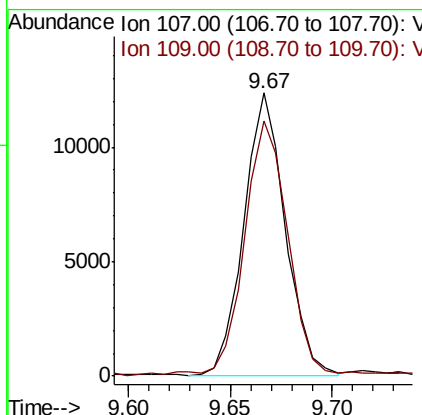
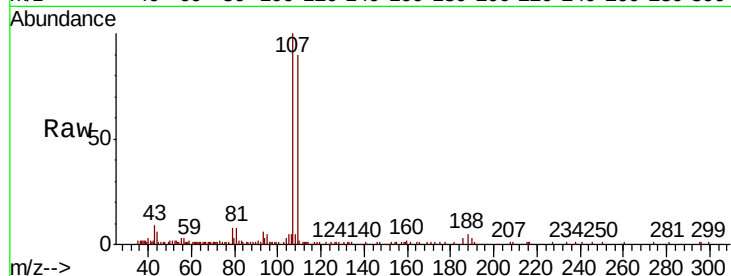




#54
 1,2-Dibromoethane
 Concen: 5.275 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX015278.D
 Acq: 13 Mar 2020 23:59

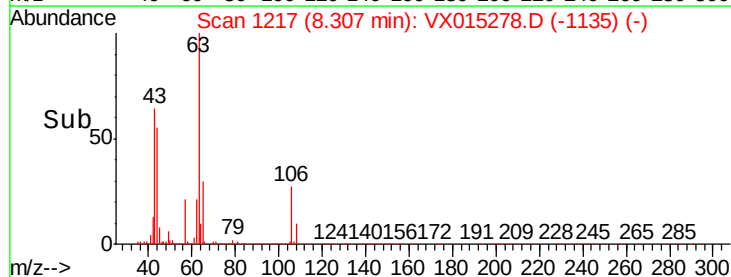
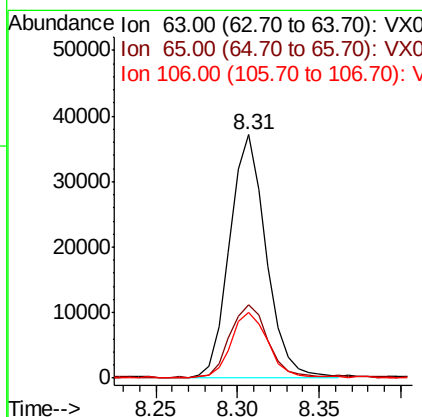
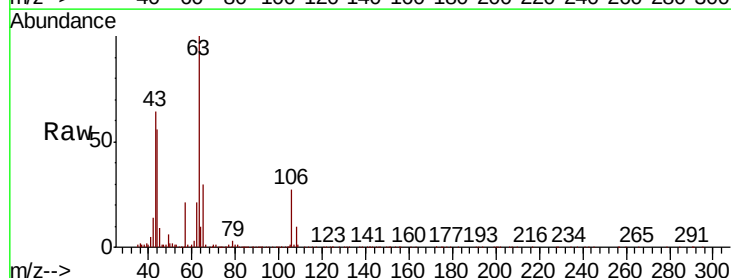
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

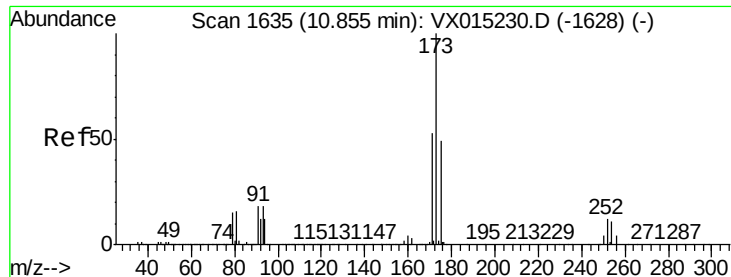
Tot Ion:107 Resp: 17551
 Ion Ratio Lower Upper
 107 100
 109 91.9 75.0 112.4



#55
 2-Chloroethyl vinyl ether
 Concen: 22.797 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX015278.D
 Acq: 13 Mar 2020 23:59

Tgt Ion: 63 Resp: 57463
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.6 38.4
 106 28.2 23.0 34.4





#56

Bromoform

Concen: 3.989 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

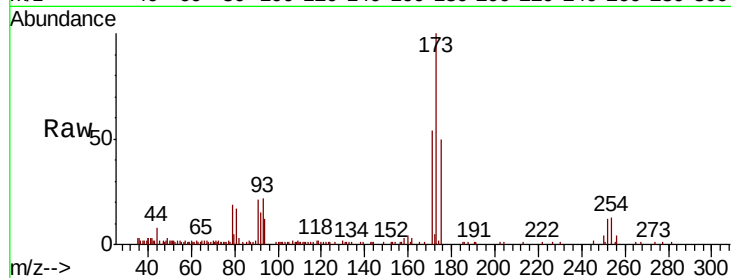
Tot Ion:173 Resp: 10744

Ion Ratio Lower Upper

173 100

175 51.2 38.9 58.3

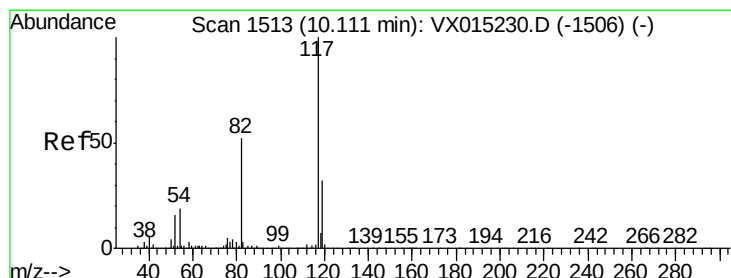
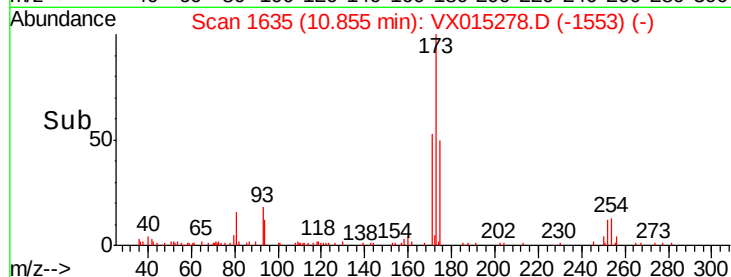
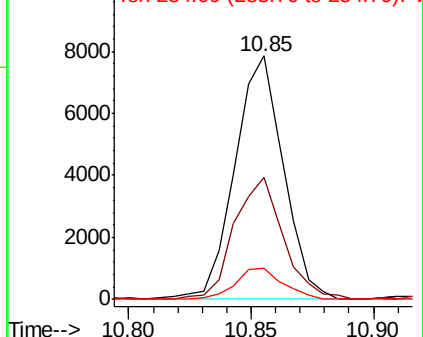
254 12.5 9.1 13.7



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

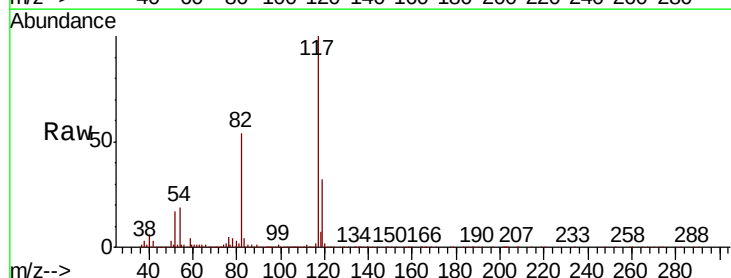
Tgt Ion:117 Resp: 268209

Ion Ratio Lower Upper

117 100

82 54.3 43.2 64.8

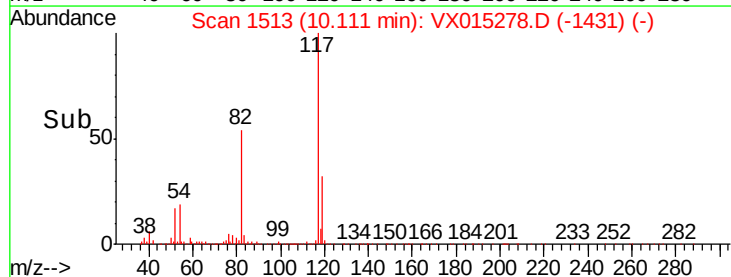
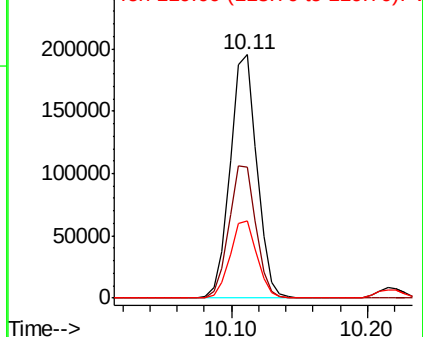
119 31.9 25.8 38.8

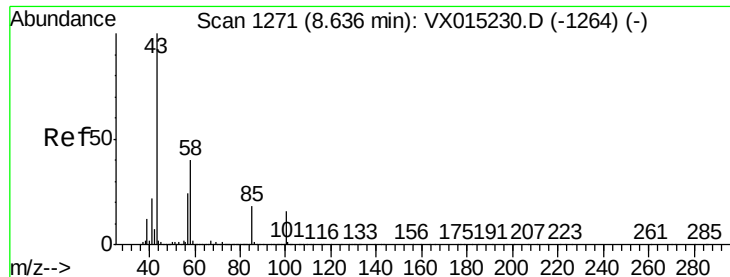


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

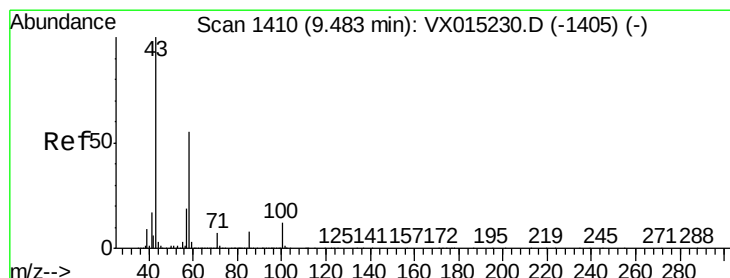
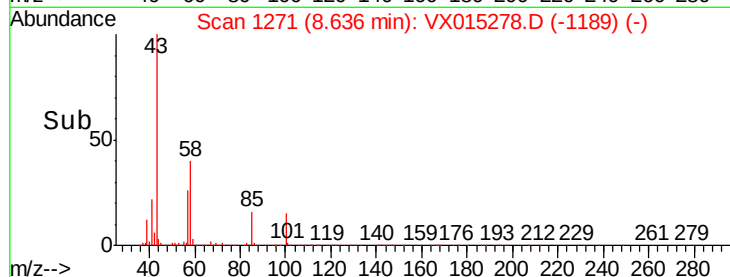
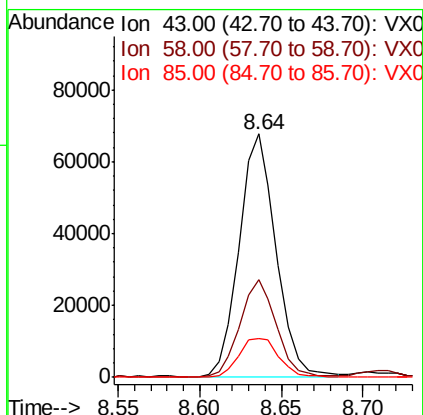
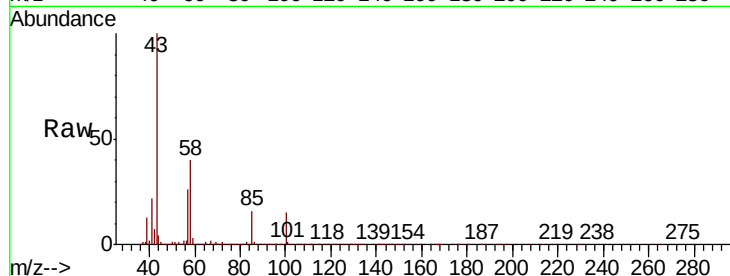




#58
4-Methyl-2-Pentanone
Concen: 23.200 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

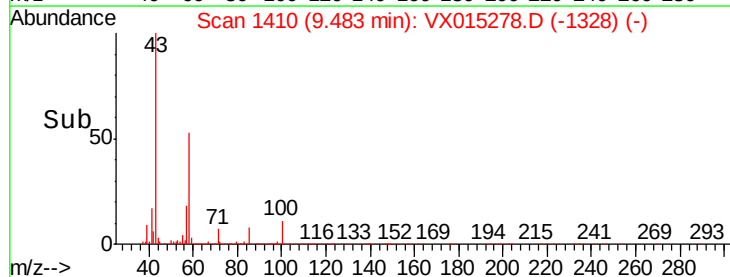
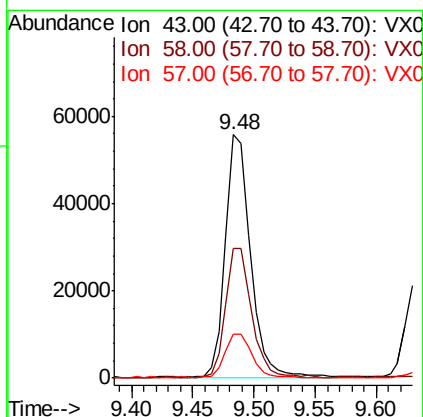
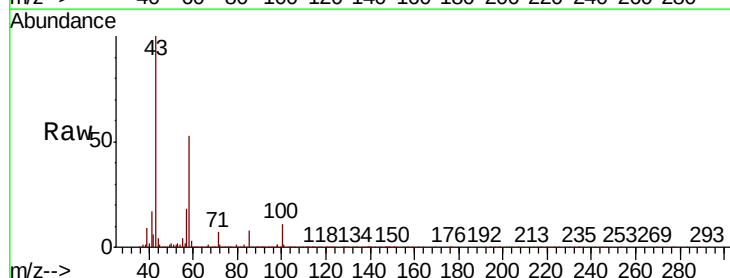
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

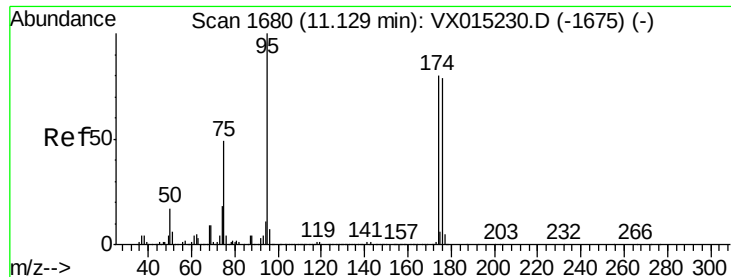
Tot Ion: 43 Resp: 105932
Ion Ratio Lower Upper
43 100
58 40.1 31.6 47.4
85 17.4 13.8 20.8



#59
2-Hexanone
Concen: 23.129 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

Tgt Ion: 43 Resp: 79824
Ion Ratio Lower Upper
43 100
58 54.9 44.6 66.8
57 19.6 14.6 21.8

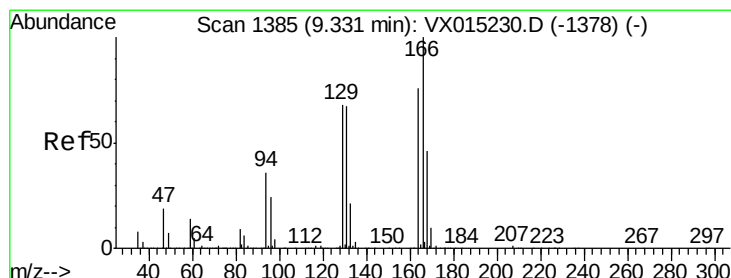
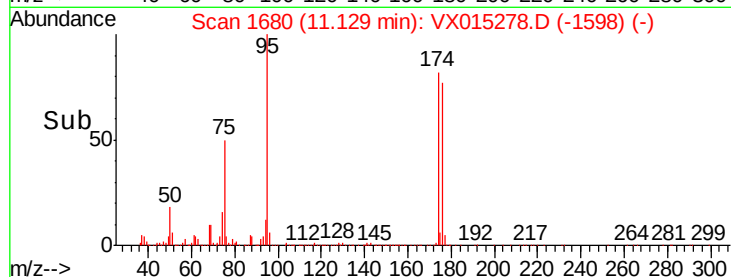
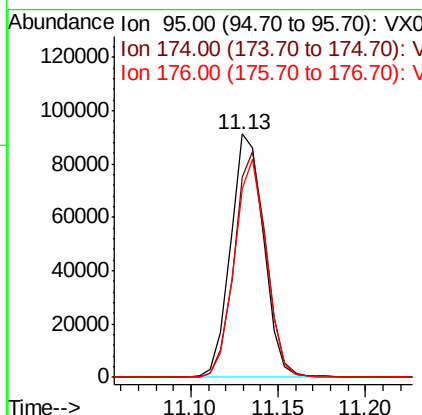
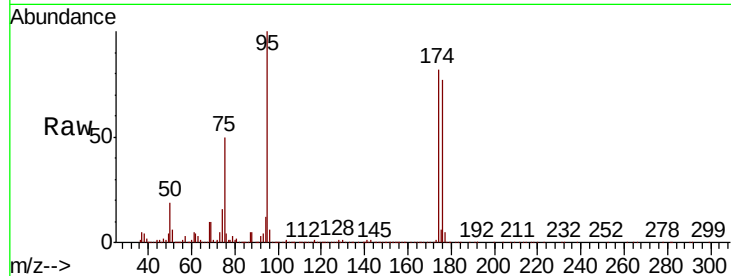




#60
4-Bromofluorobenzene
Concen: 28.009 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

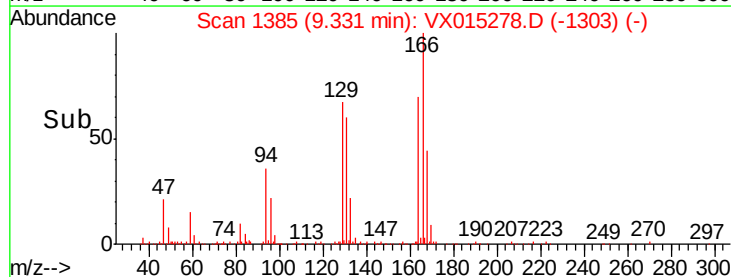
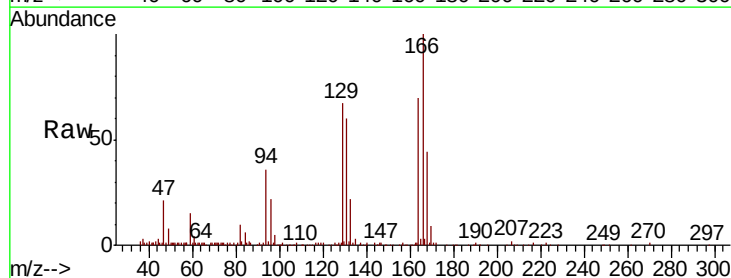
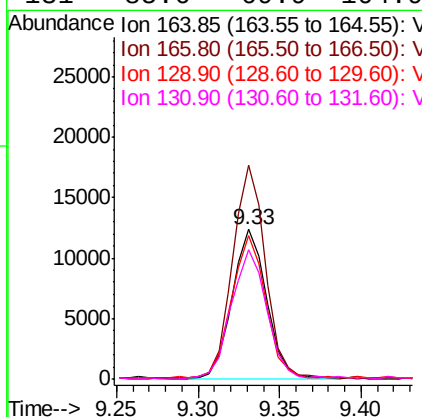
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

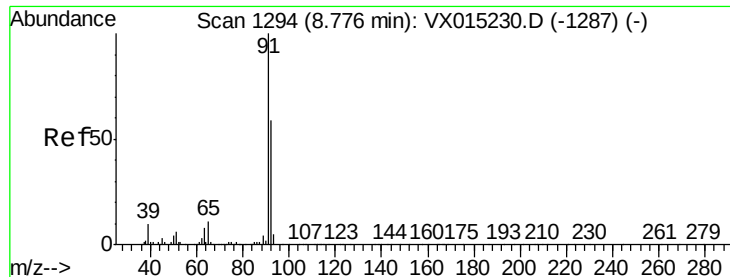
Tot Ion: 95 Resp: 119585
Ion Ratio Lower Upper
95 100
174 89.7 72.0 108.0
176 87.0 70.1 105.1



#61
Tetrachloroethene
Concen: 4.890 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

Tgt Ion: 164 Resp: 18256
Ion Ratio Lower Upper
164 100
166 142.2 105.1 157.7
129 95.3 71.5 107.3
131 85.6 69.9 104.9





#62

Toluene

Concen: 4.780 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

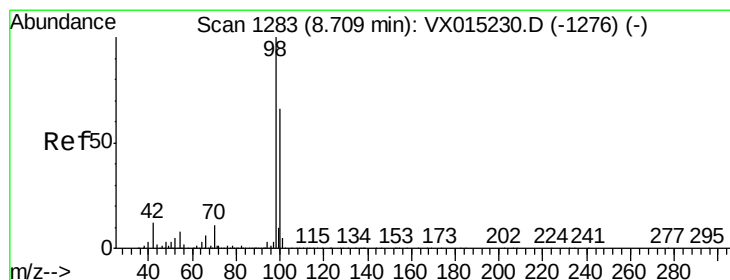
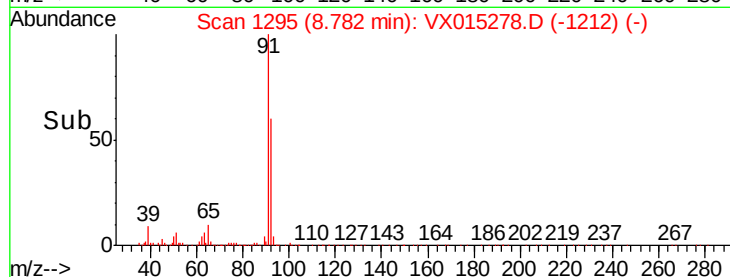
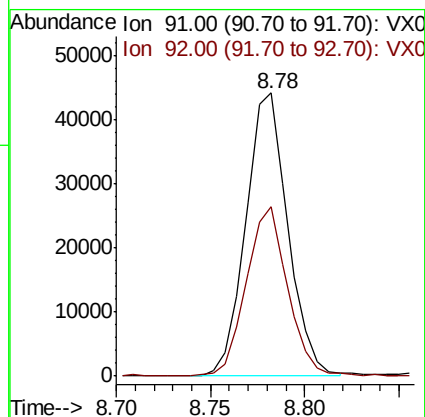
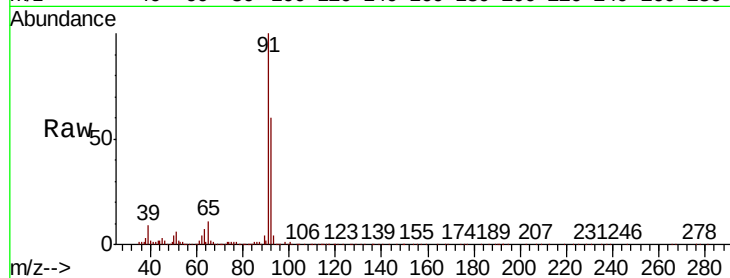
LOQ-WATER-02-QT1-2020

Tot Ion: 91 Resp: 67840

Ion Ratio Lower Upper

91 100

92 59.5 47.1 70.7



#63

Toluene-d8

Concen: 29.180 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015278.D

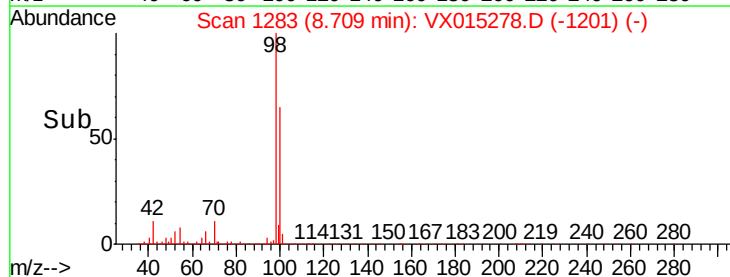
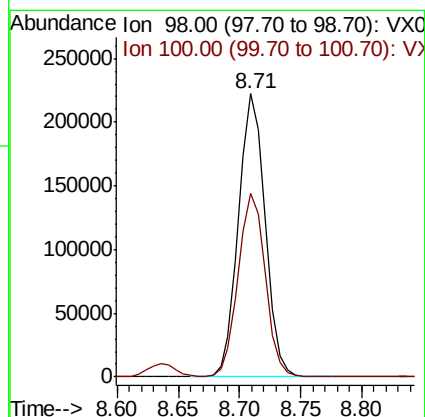
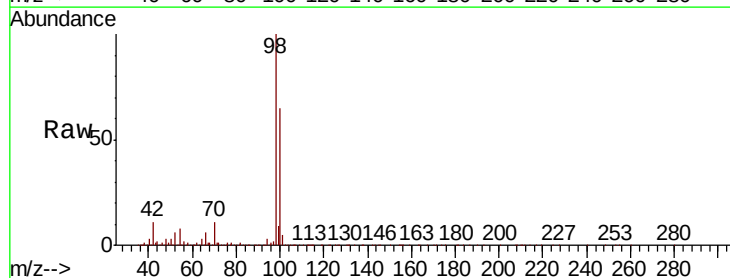
Acq: 13 Mar 2020 23:59

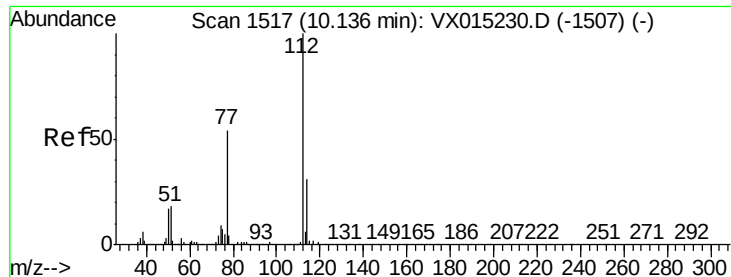
Tgt Ion: 98 Resp: 335230

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.4





#64

Chlorobenzene

Concen: 4.960 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

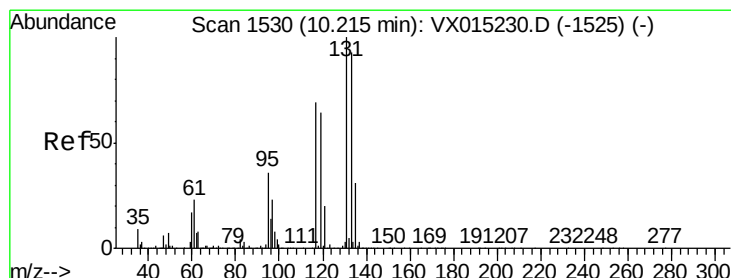
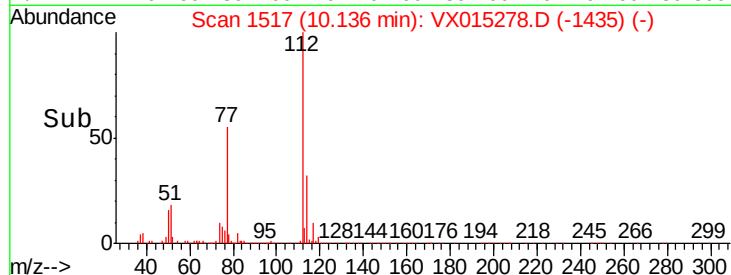
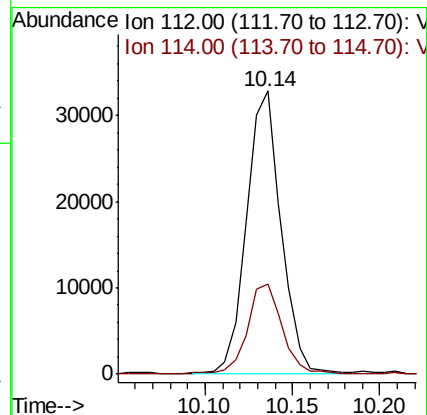
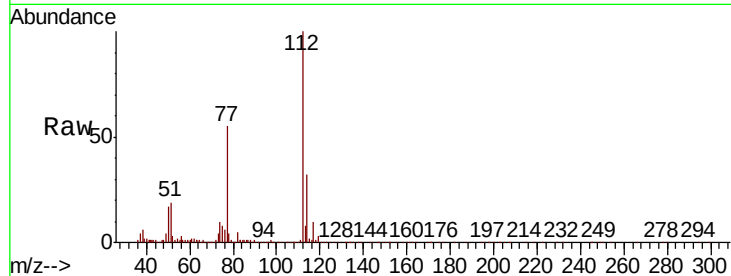
LOQ-WATER-02-QT1-2020

Tot Ion:112 Resp: 44977

Ion Ratio Lower Upper

112 100

114 31.6 24.8 37.2



#65

1,1,1,2-Tetrachloroethane

Concen: 4.805 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

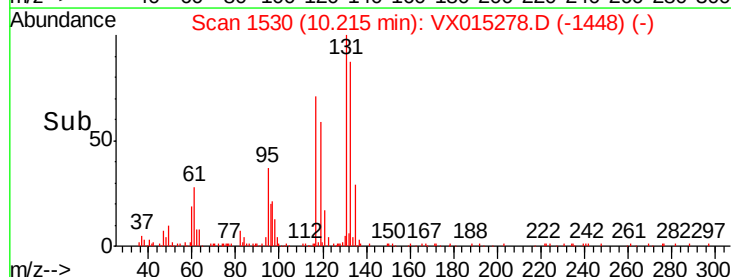
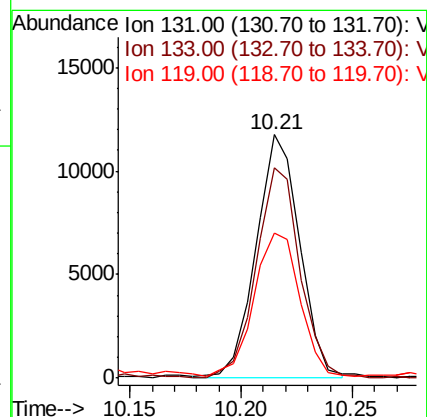
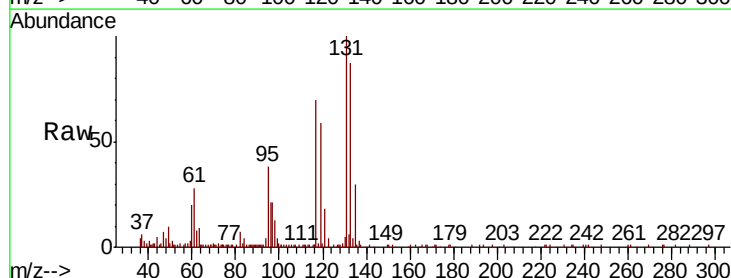
Tgt Ion:131 Resp: 16051

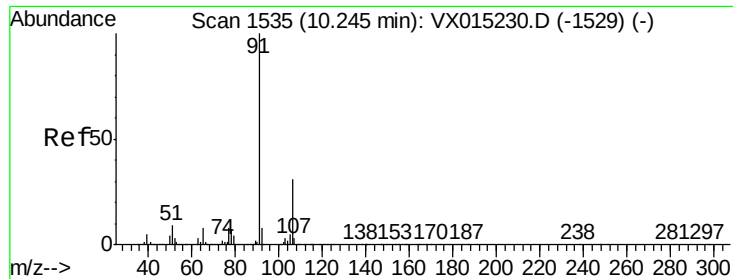
Ion Ratio Lower Upper

131 100

133 87.1 0.0 188.0

119 62.0 0.0 131.0





#66

Ethyl Benzene

Concen: 4.680 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

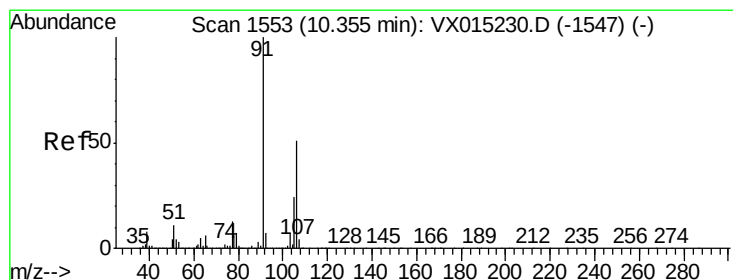
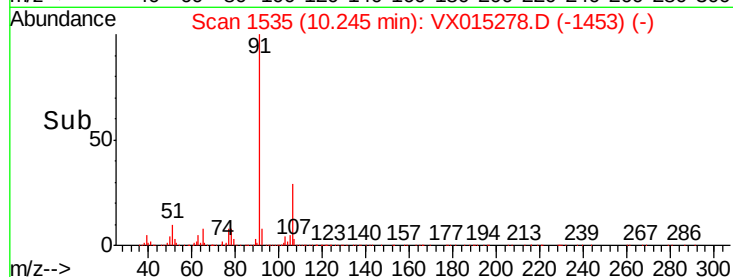
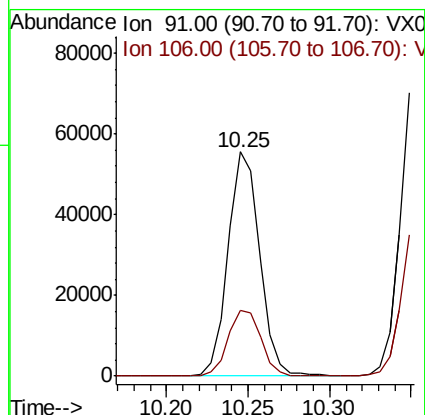
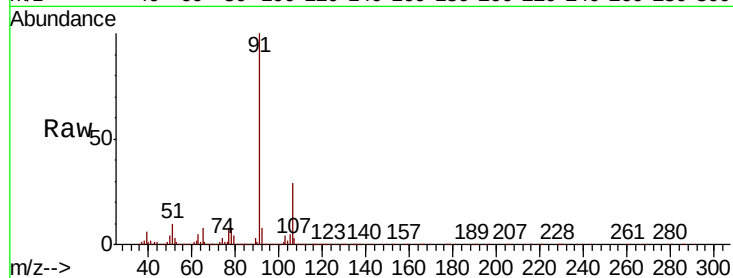
LOQ-WATER-02-QT1-2020

Tot Ion: 91 Resp: 74000

Ion Ratio Lower Upper

91 100

106 29.0 24.9 37.3



#67

m/p-Xylenes

Concen: 9.251 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015278.D

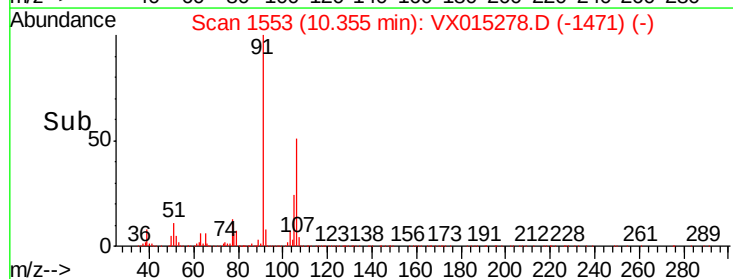
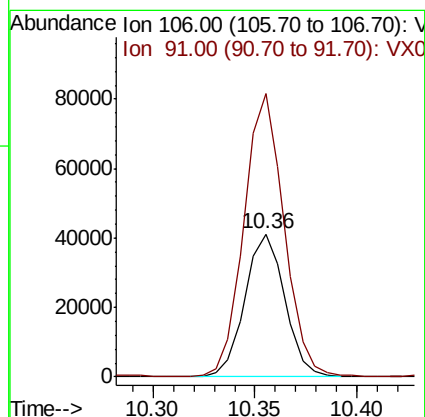
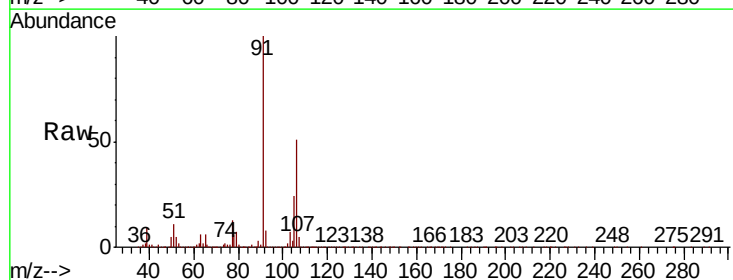
Acq: 13 Mar 2020 23:59

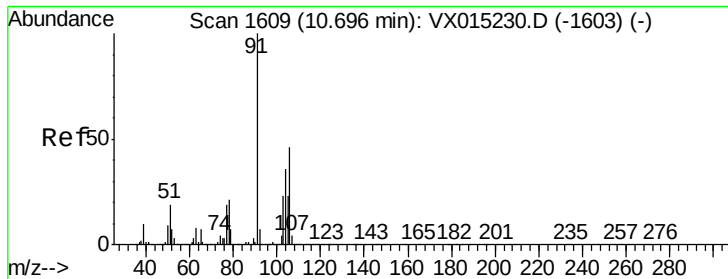
Tgt Ion: 106 Resp: 56146

Ion Ratio Lower Upper

106 100

91 198.8 160.1 240.1

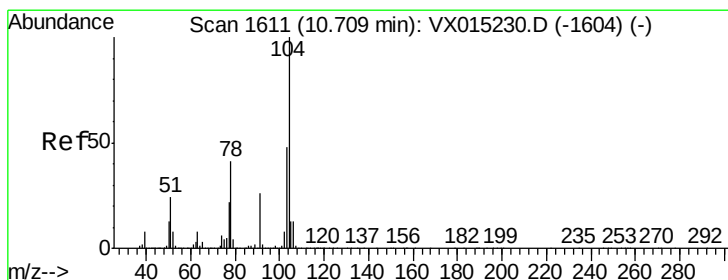
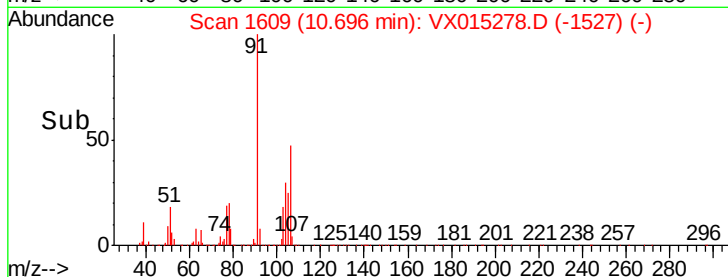
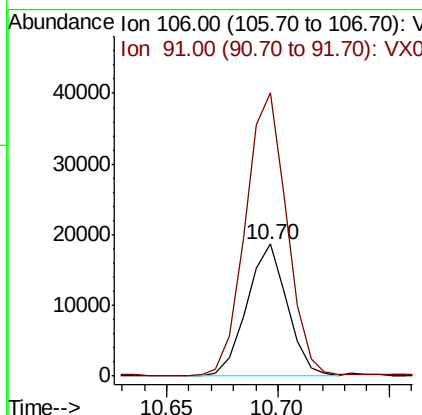
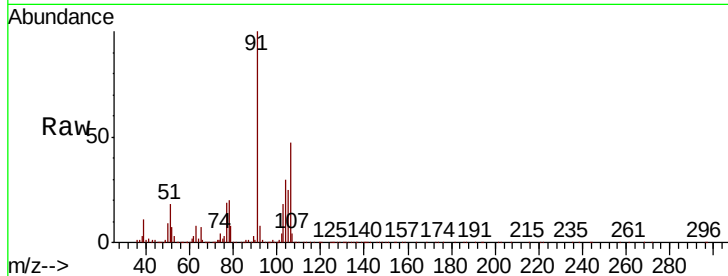




#68
o-Xylene
Concen: 4.007 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

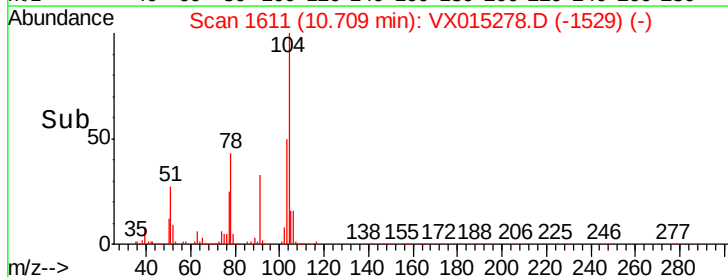
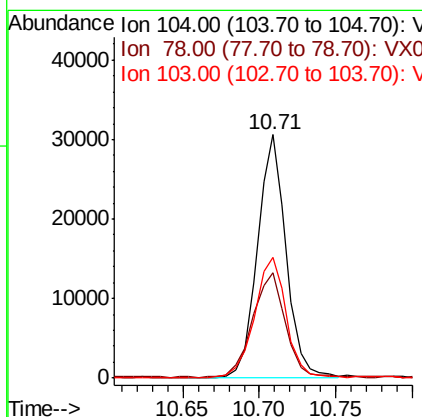
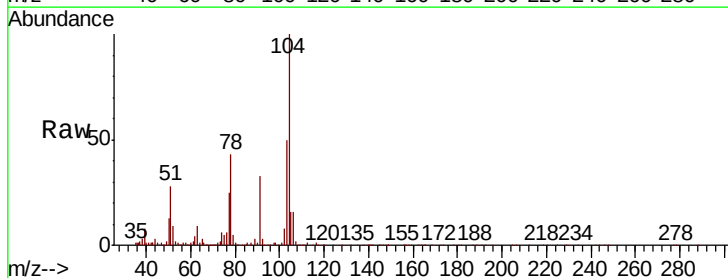
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

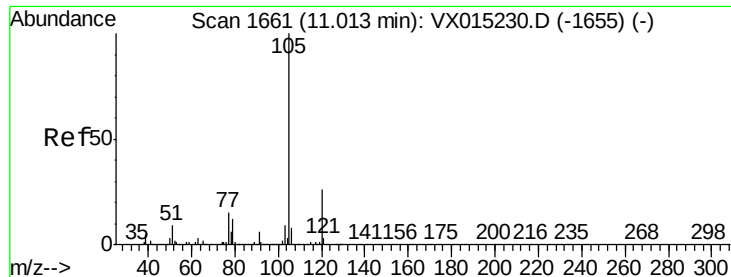
Tot Ion:106 Resp: 23314
Ion Ratio Lower Upper
106 100
91 221.8 106.4 319.2



#69
Styrene
Concen: 3.958 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

Tgt Ion:104 Resp: 40083
Ion Ratio Lower Upper
104 100
78 49.6 38.9 58.3
103 55.1 43.2 64.8





#70

Isopropylbenzene

Concen: 4.314 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

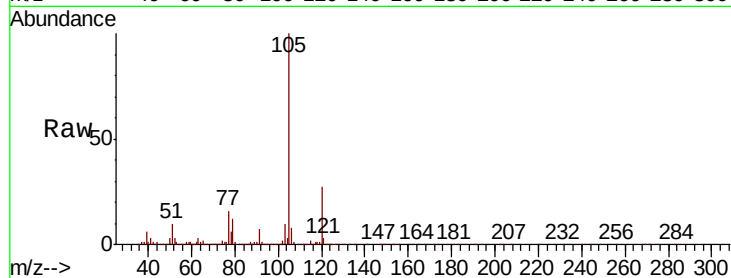
LOQ-WATER-02-QT1-2020

Tot Ion:105 Resp: 66810

Ion Ratio Lower Upper

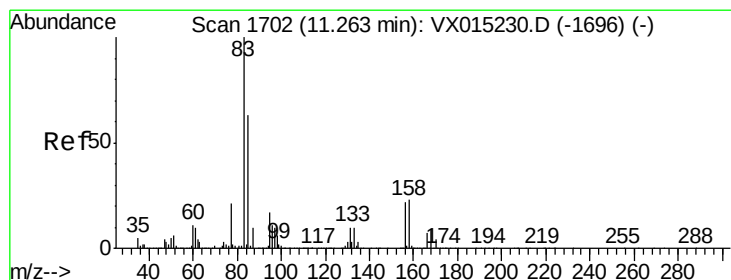
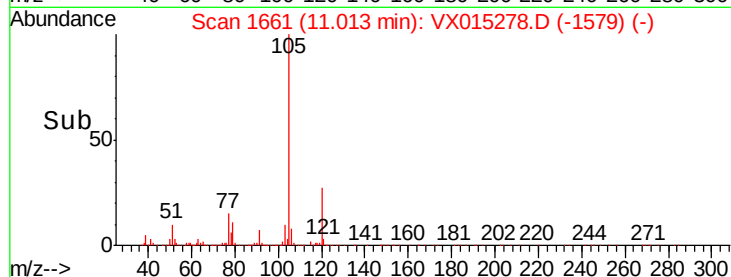
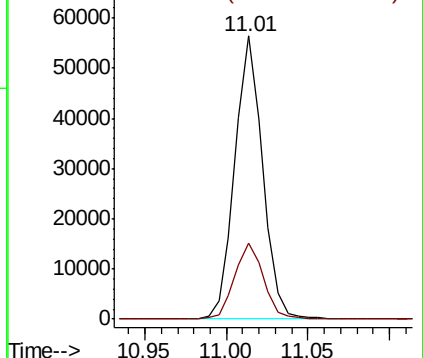
105 100

120 27.9 18.6 34.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#71

1,1,2,2-Tetrachloroethane

Concen: 4.854 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

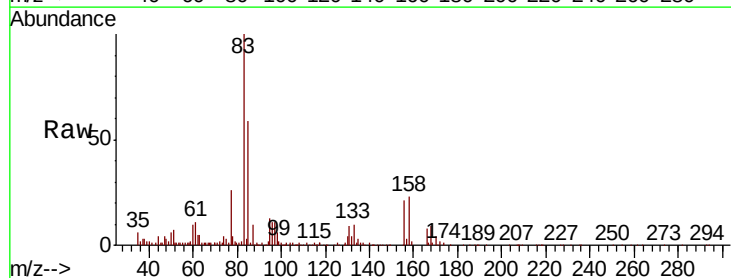
Tgt Ion: 83 Resp: 24406

Ion Ratio Lower Upper

83 100

131 11.4 5.0 14.9

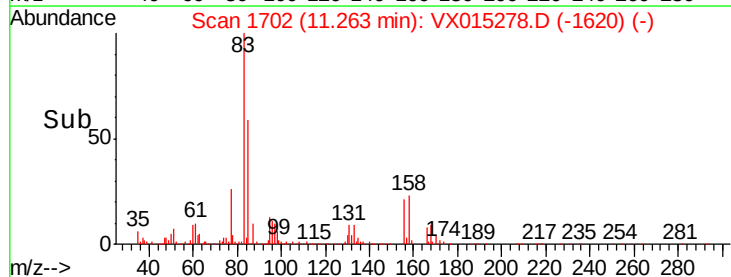
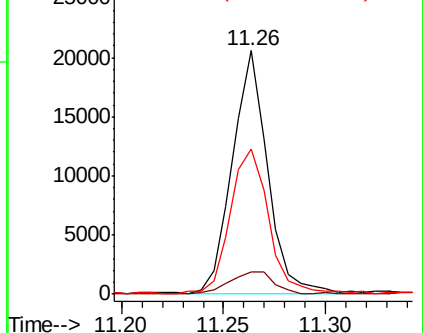
85 66.6 31.8 95.4

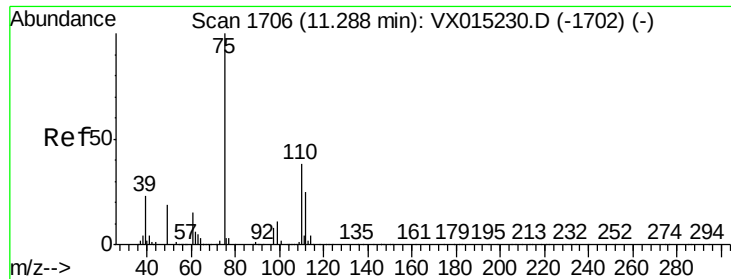


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0





#72

1,2,3-Trichloropropane

Concen: 6.456 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

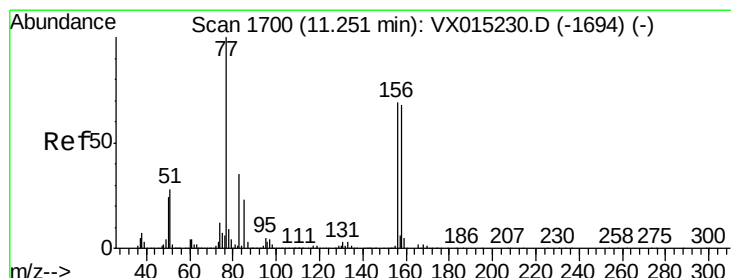
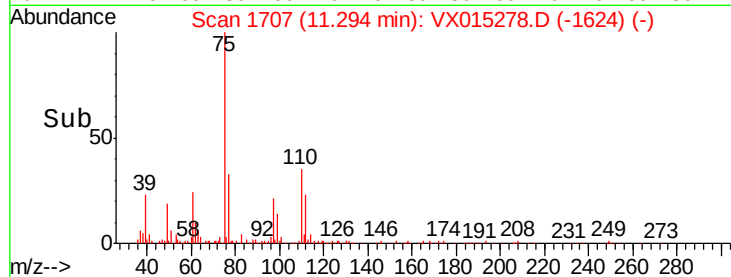
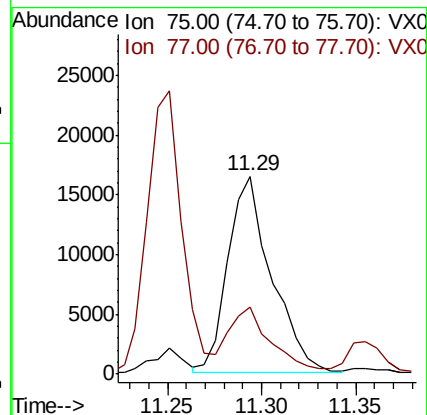
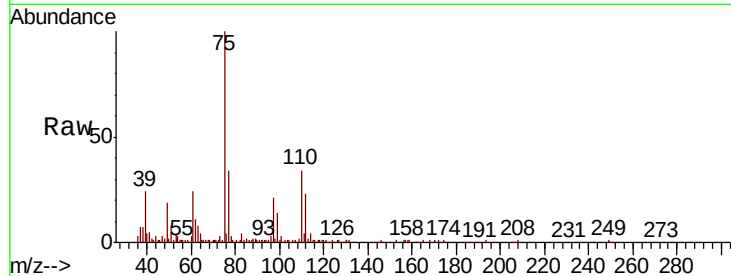
LOQ-WATER-02-QT1-2020

Tot Ion: 75 Resp: 26567

Ion Ratio Lower Upper

75 100

77 32.4 0.0 83.0



#73

Bromobenzene

Concen: 4.676 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

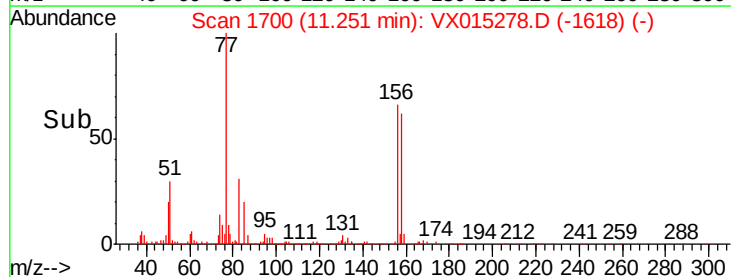
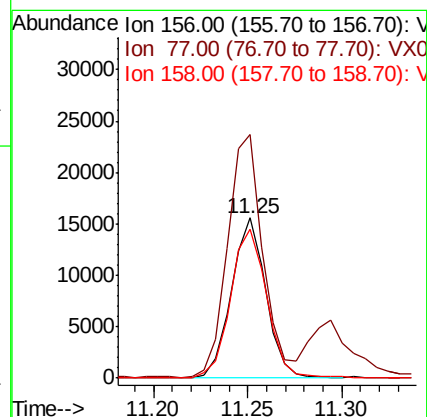
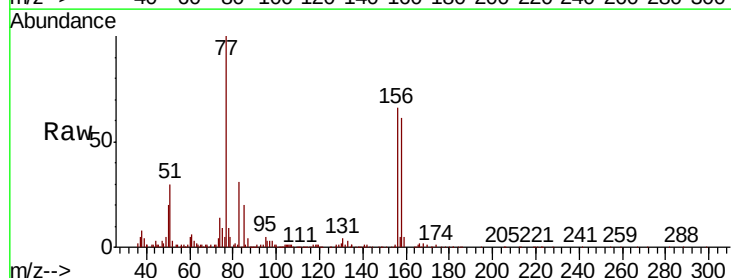
Tgt Ion: 156 Resp: 19750

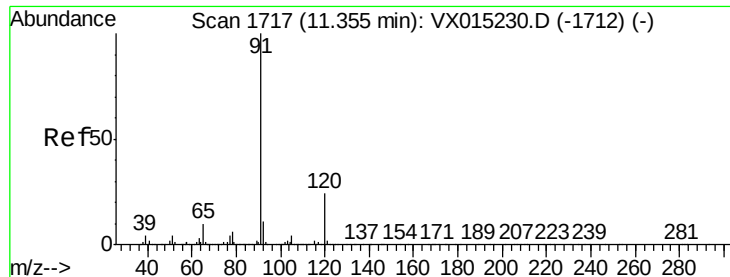
Ion Ratio Lower Upper

156 100

77 156.2 0.0 305.0

158 97.5 0.0 197.2





#74

n-propylbenzene

Concen: 4.530 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

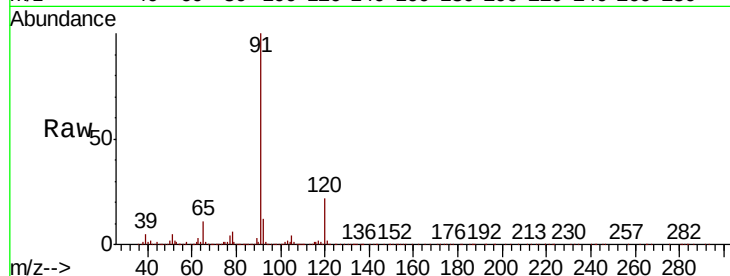
LOQ-WATER-02-QT1-2020

Tot Ion: 91 Resp: 82883

Ion Ratio Lower Upper

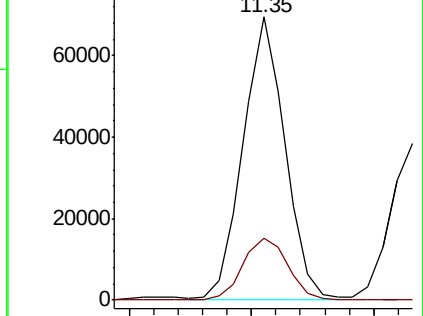
91 100

120 23.2 0.0 47.0

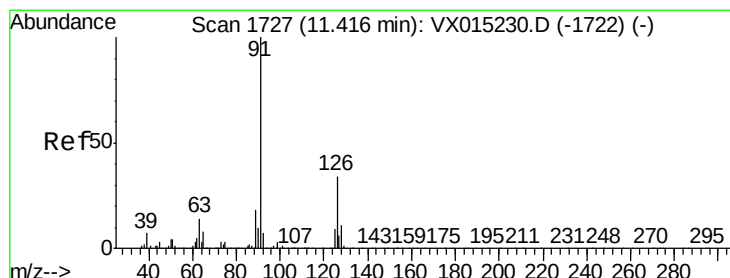
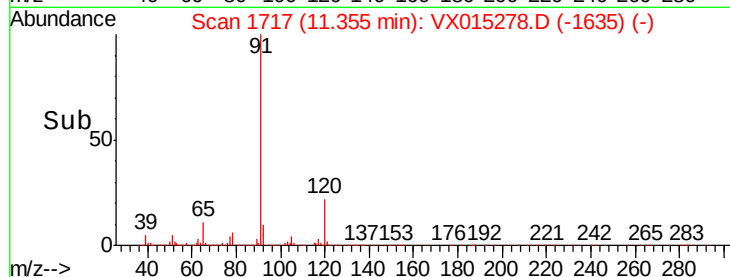


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time--> 11.30 11.35 11.40



#75

2-Chlorotoluene

Concen: 4.617 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015278.D

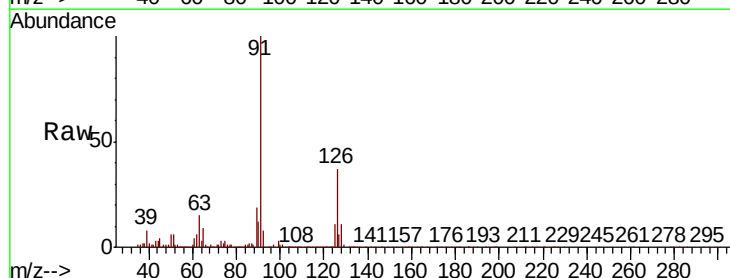
Acq: 13 Mar 2020 23:59

Tgt Ion: 91 Resp: 49323

Ion Ratio Lower Upper

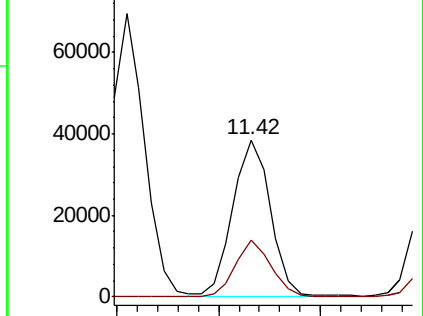
91 100

126 34.4 0.0 69.8

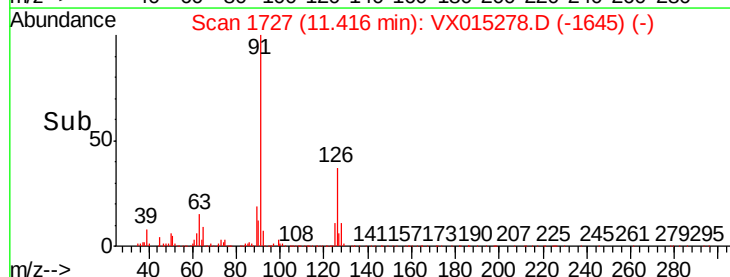


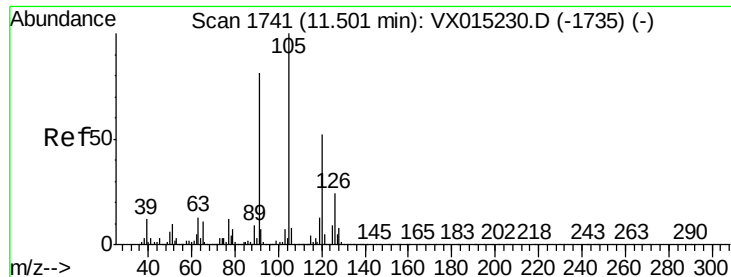
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



Time--> 11.35 11.40 11.45





#76

1,3,5-Trimethylbenzene

Concen: 4.460 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

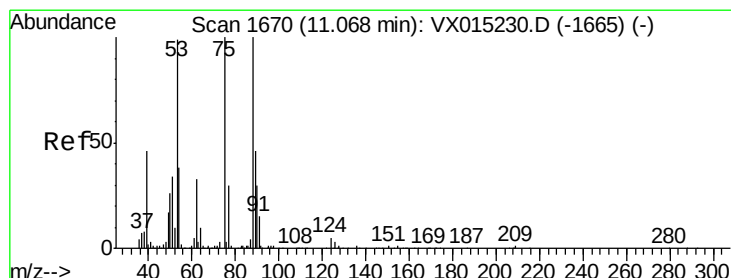
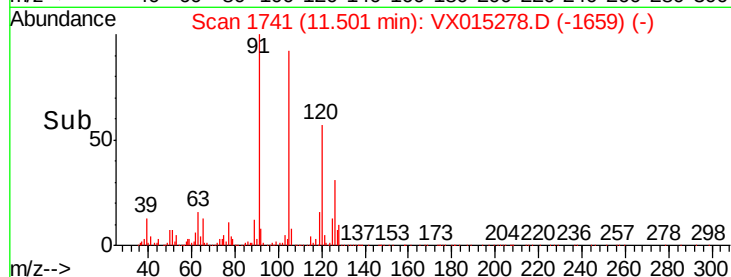
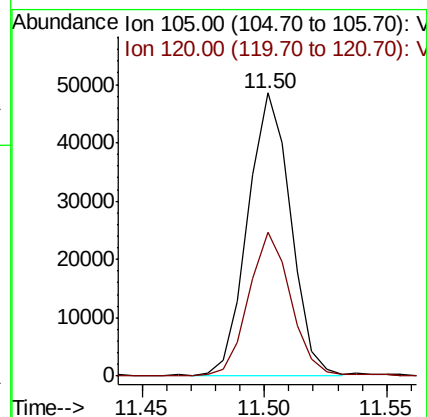
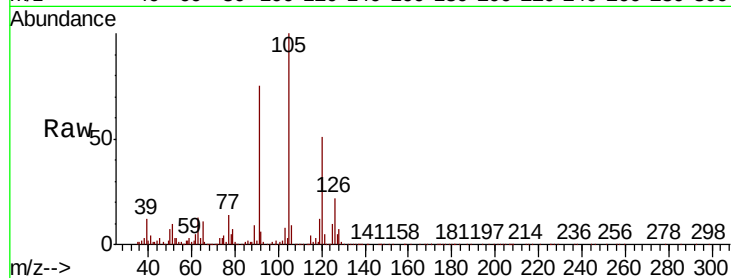
LOQ-WATER-02-QT1-2020

Tot Ion:105 Resp: 58968

Ion Ratio Lower Upper

105 100

120 50.2 0.0 101.2



#77

t-1,4-Dichloro-2-butene

Concen: 3.297 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

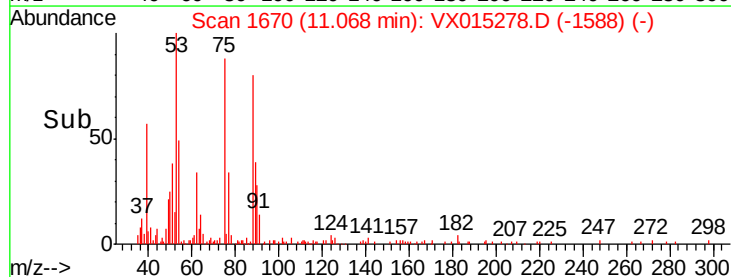
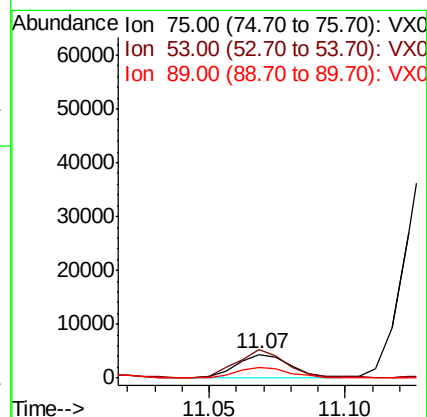
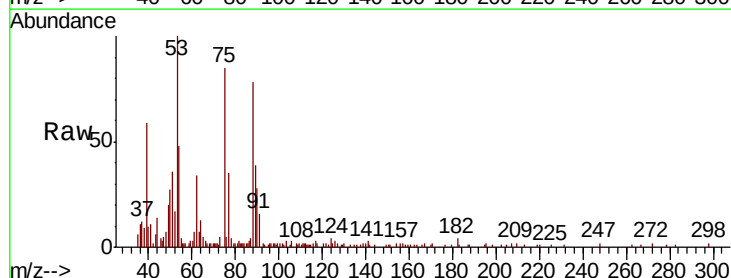
Tgt Ion: 75 Resp: 5683

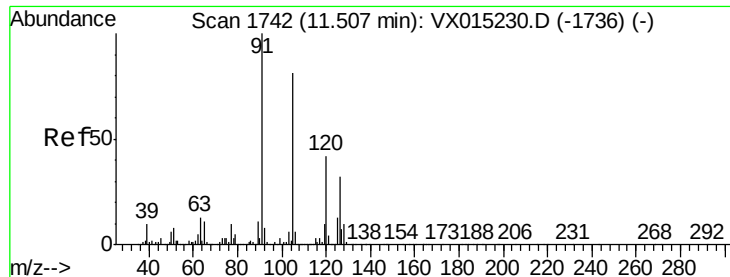
Ion Ratio Lower Upper

75 100

53 116.1 49.5 148.3

89 43.8 22.9 68.8





#78

4-Chlorotoluene

Concen: 4.678 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

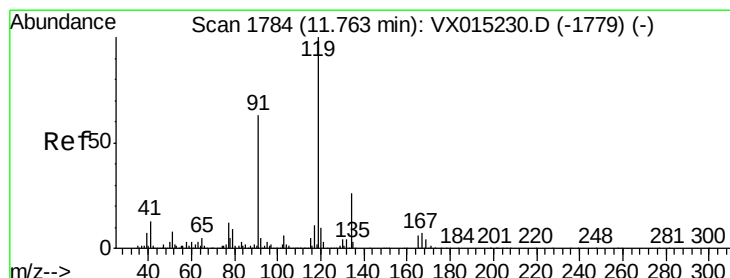
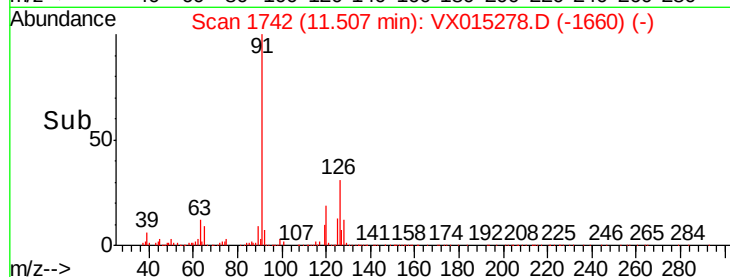
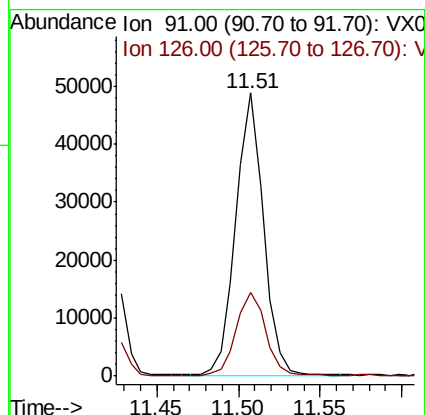
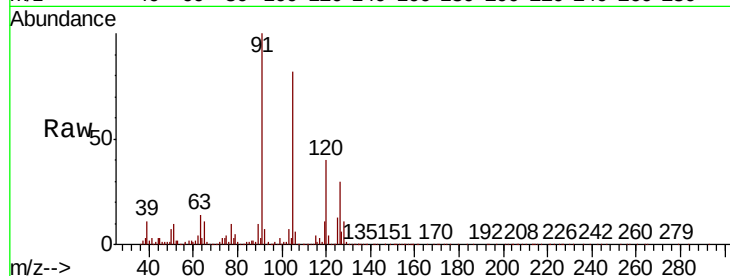
LOQ-WATER-02-QT1-2020

Tot Ion: 91 Resp: 57530

Ion Ratio Lower Upper

91 100

126 31.7 0.0 61.4



#79

tert-butylbenzene

Concen: 4.502 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

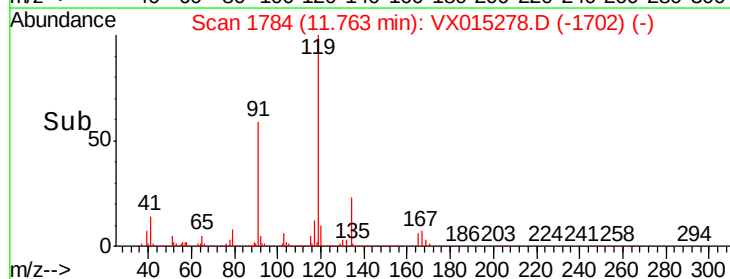
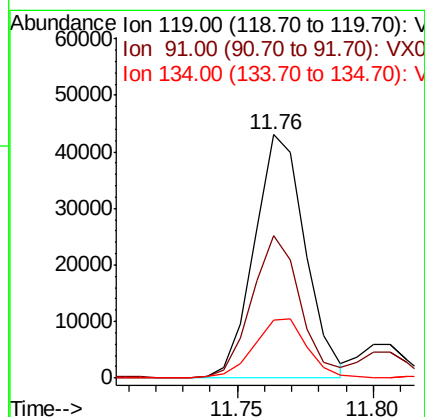
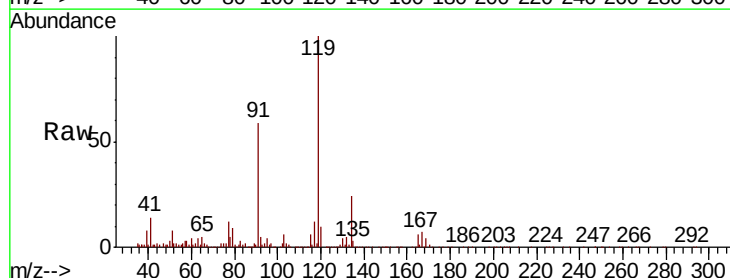
Tgt Ion: 119 Resp: 55798

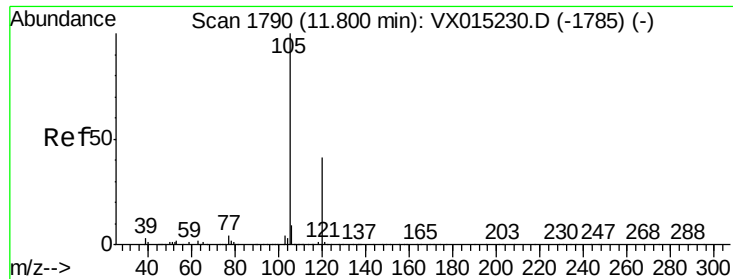
Ion Ratio Lower Upper

119 100

91 55.5 0.0 115.4

134 25.7 0.0 49.4

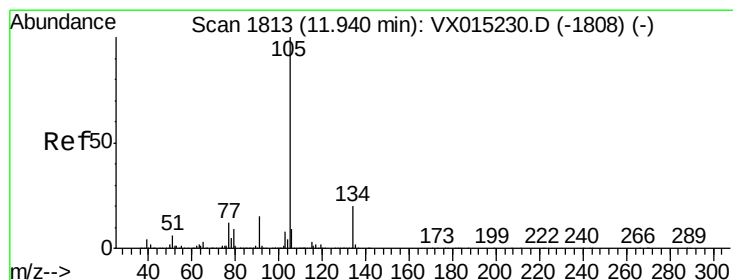
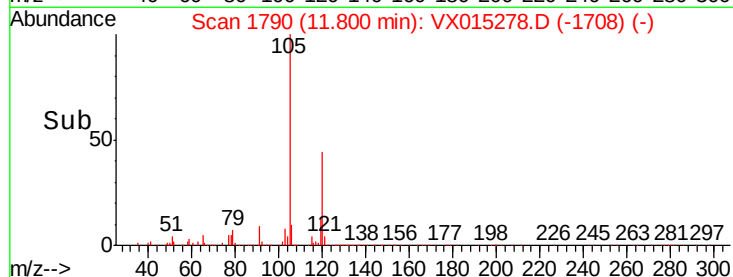
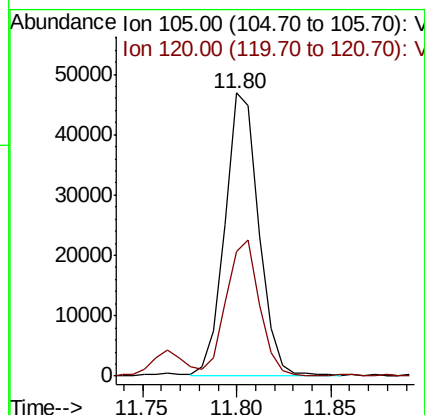
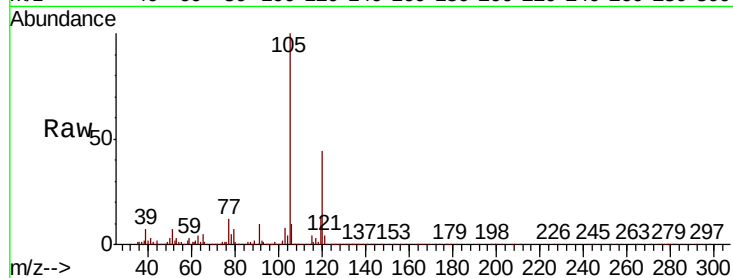




#80
 1,2,4-Trimethylbenzene
 Concen: 4.443 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX015278.D
 Acq: 13 Mar 2020 23:59

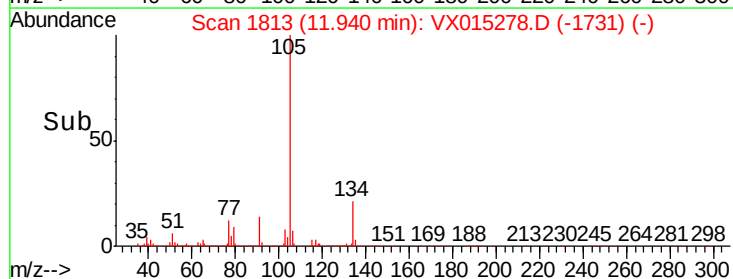
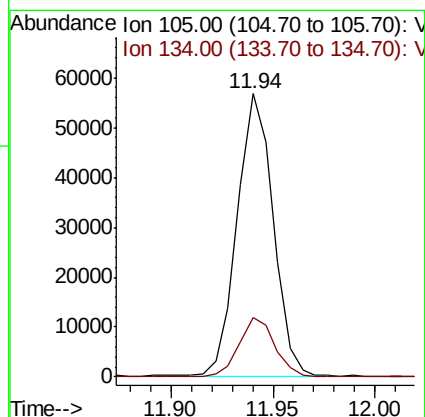
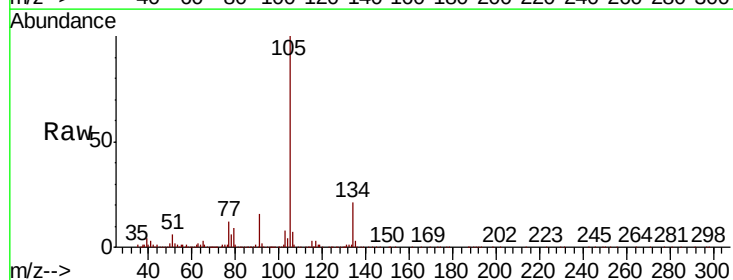
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

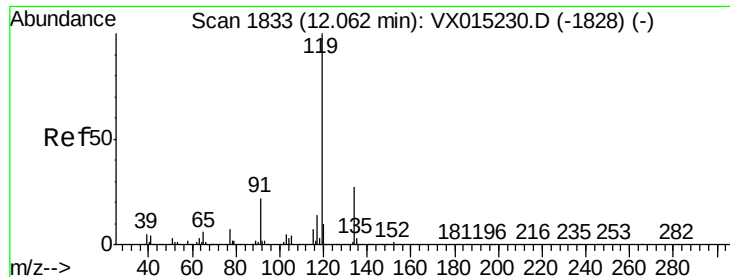
Tot Ion:105 Resp: 58071
 Ion Ratio Lower Upper
 105 100
 120 47.3 0.0 93.2



#81
 sec-Butylbenzene
 Concen: 4.491 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015278.D
 Acq: 13 Mar 2020 23:59

Tgt Ion:105 Resp: 69087
 Ion Ratio Lower Upper
 105 100
 134 21.3 0.0 40.8





#82

p-Isopropyltoluene

Concen: 4.319 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

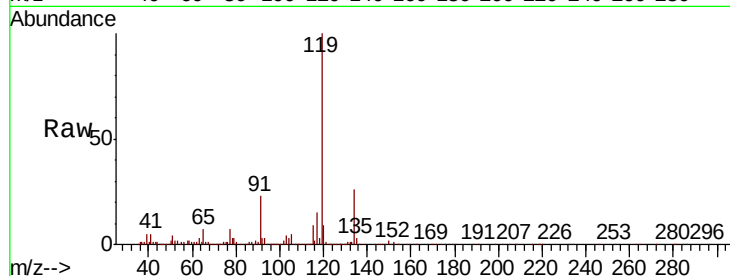
Tot Ion:119 Resp: 61103

Ion Ratio Lower Upper

119 100

134 27.2 0.0 53.6

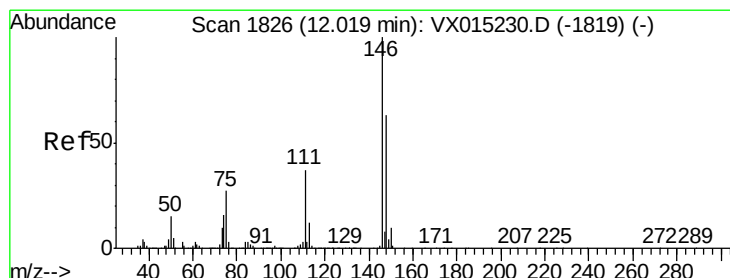
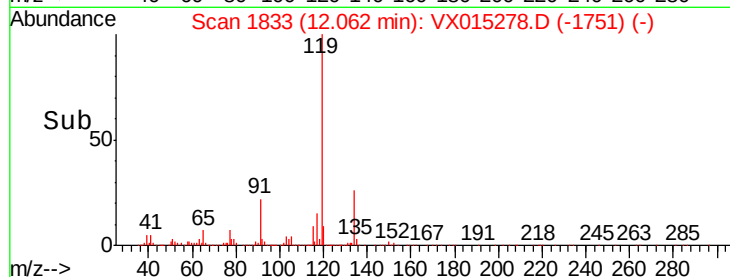
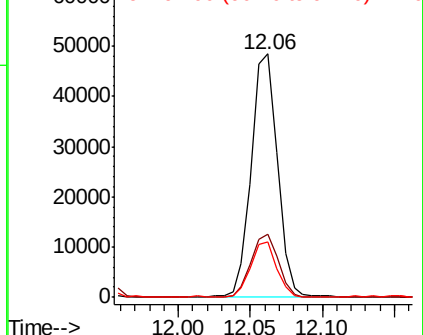
91 22.9 0.0 43.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#83

1,3-Dichlorobenzene

Concen: 4.723 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

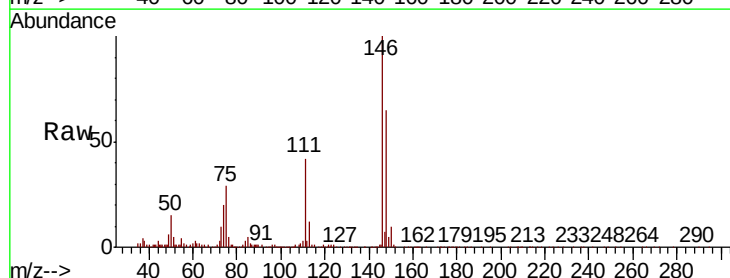
Tgt Ion:146 Resp: 35250

Ion Ratio Lower Upper

146 100

111 40.5 18.8 56.4

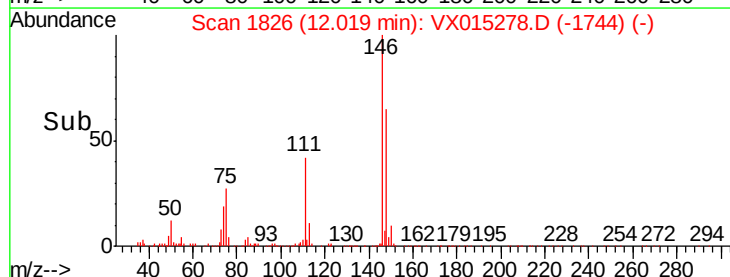
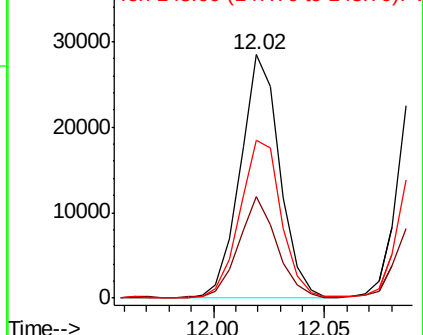
148 67.5 31.9 95.7

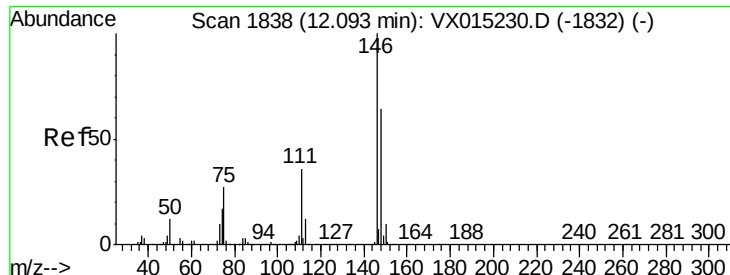


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

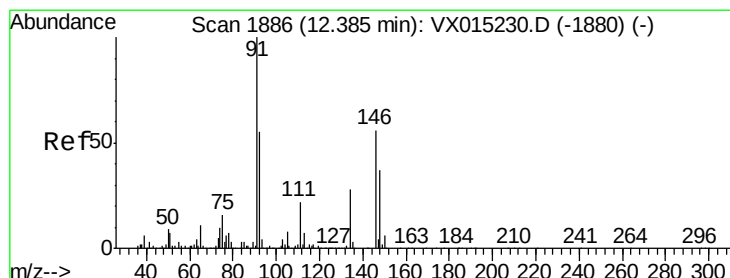
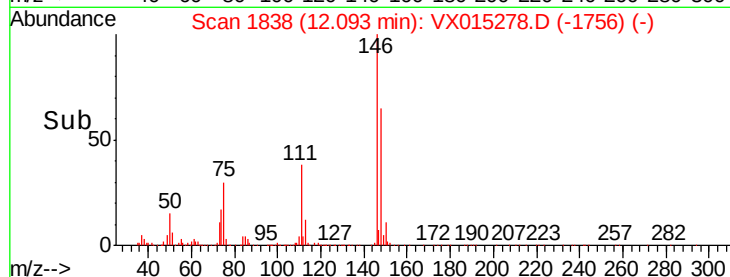
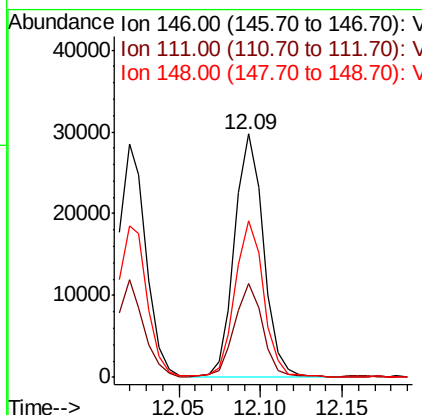
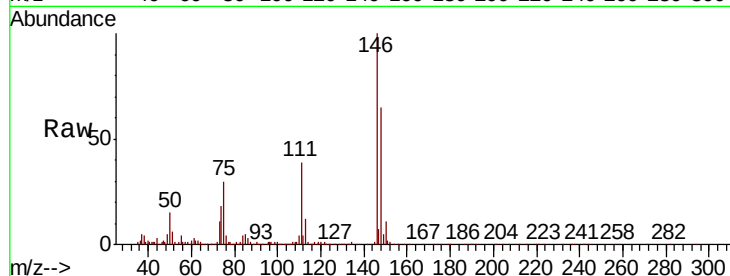




#84
 1,4-Dichlorobenzene
 Concen: 4.970 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015278.D
 Acq: 13 Mar 2020 23:59

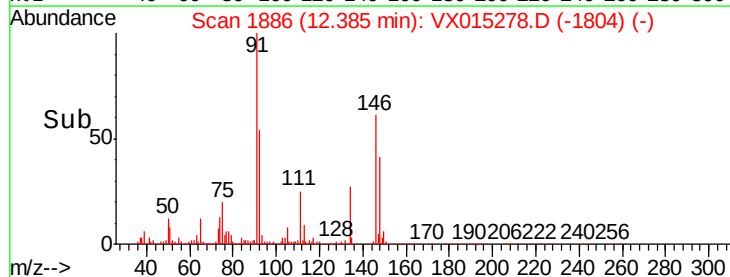
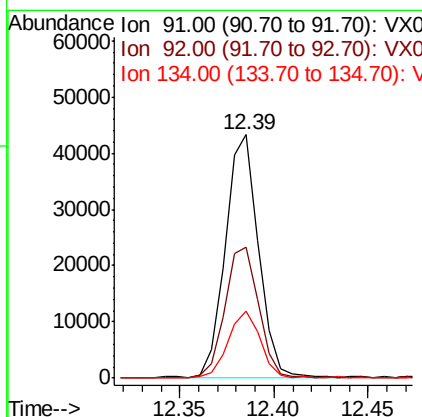
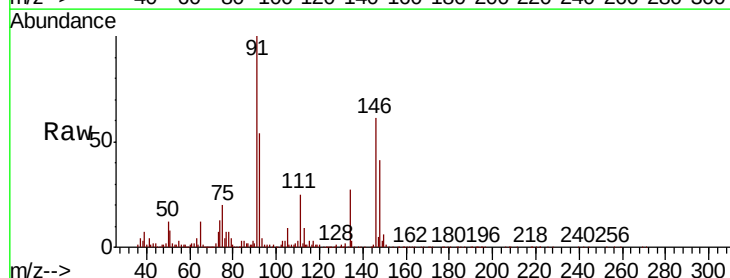
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

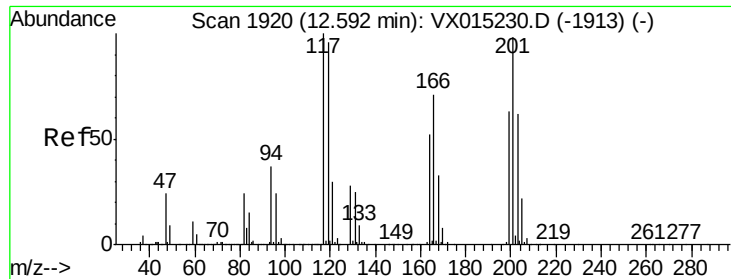
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.4	55.0
148	61.4	31.9	95.9



#85
 n-Butylbenzene
 Concen: 4.227 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015278.D
 Acq: 13 Mar 2020 23:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.8	0.0	109.4
134	27.1	0.0	53.0

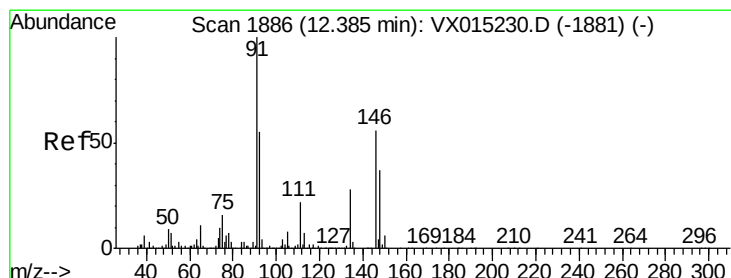
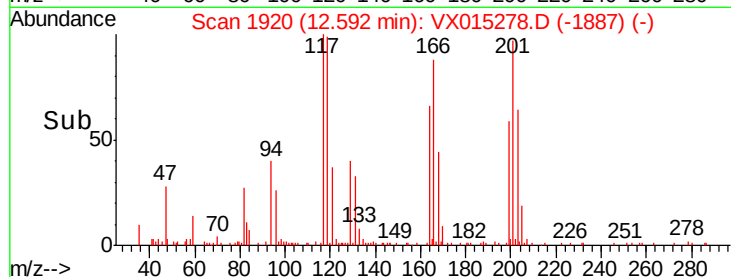
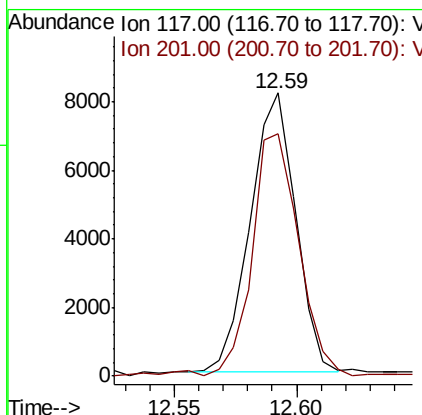
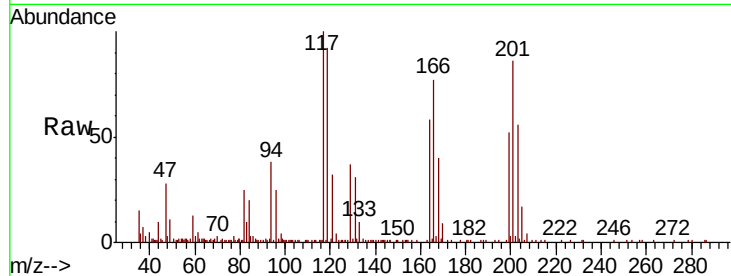




#86
Hexachloroethane
Concen: 4.244 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

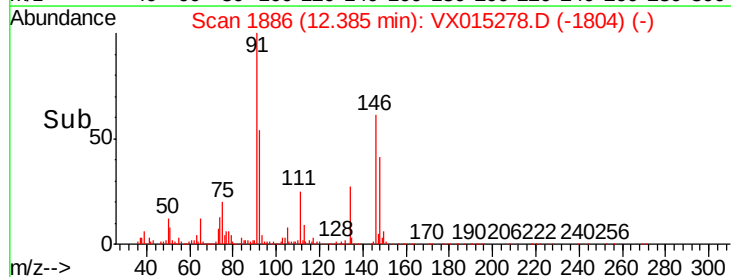
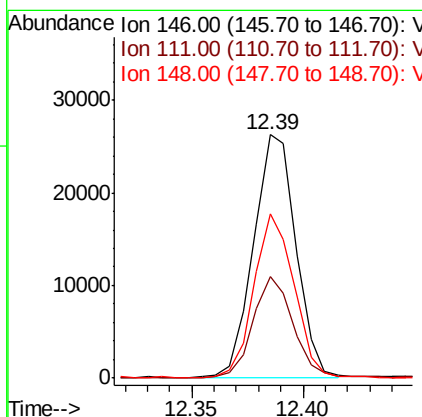
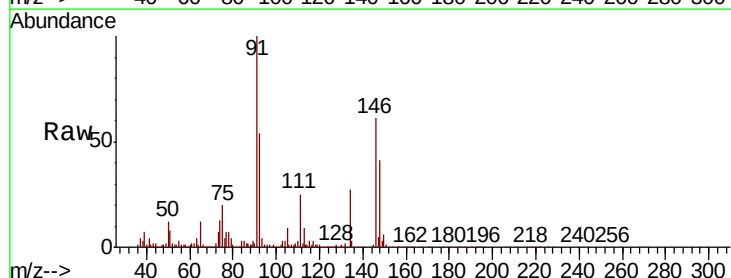
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

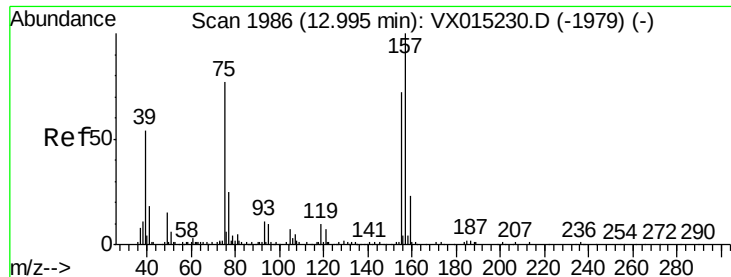
Tot Ion:117 Resp: 10509
Ion Ratio Lower Upper
117 100
201 88.6 47.8 143.3



#87
1,2-Dichlorobenzene
Concen: 4.745 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015278.D
Acq: 13 Mar 2020 23:59

Tgt Ion:146 Resp: 34531
Ion Ratio Lower Upper
146 100
111 40.2 19.4 58.4
148 64.4 32.4 97.0

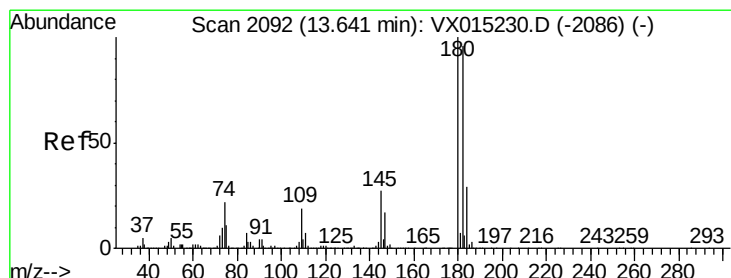
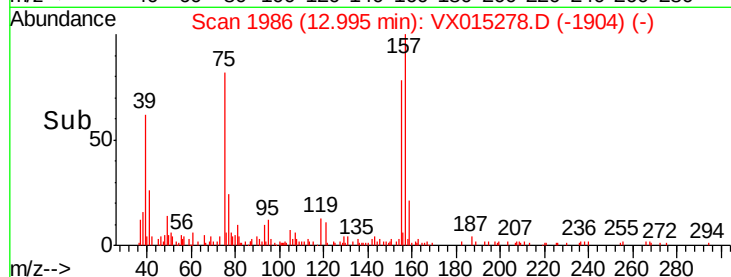
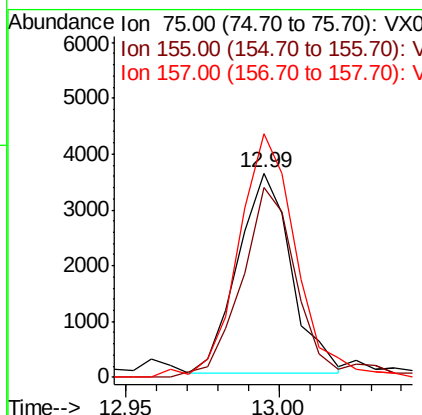
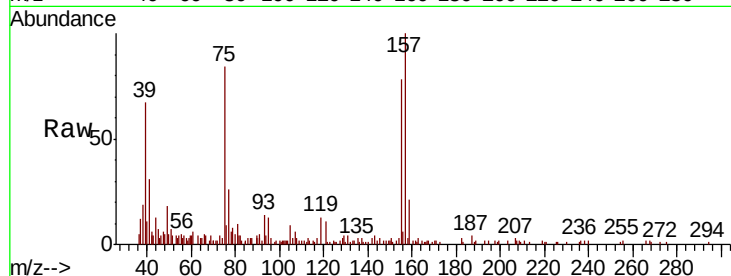




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.184 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015278.D
 Acq: 13 Mar 2020 23:59

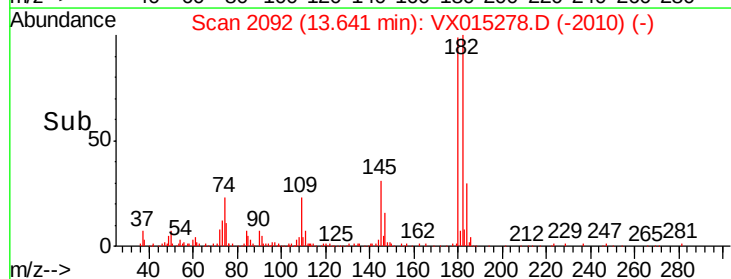
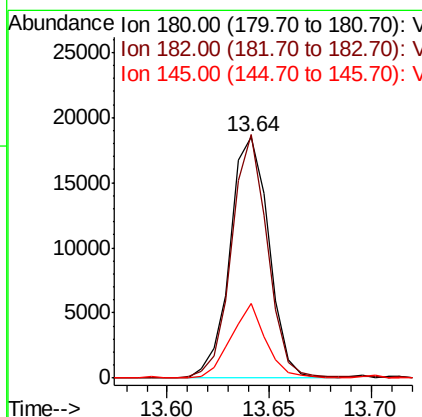
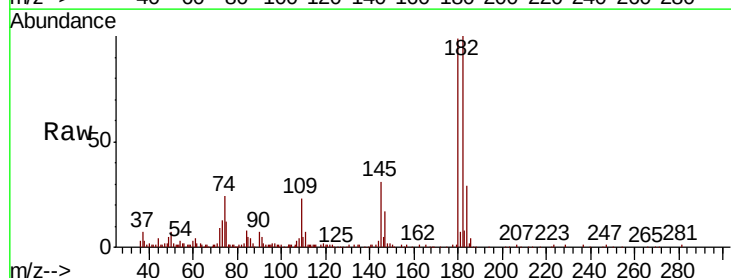
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

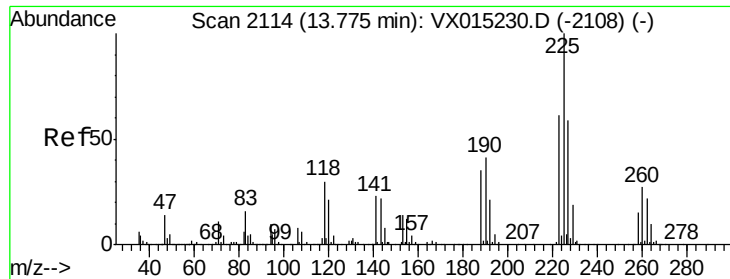
Tot Ion: 75 Resp: 4331
 Ion Ratio Lower Upper
 75 100
 155 95.3 77.5 116.3
 157 131.8 103.0 154.4



#89
 1,2,4-Trichlorobenzene
 Concen: 4.537 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015278.D
 Acq: 13 Mar 2020 23:59

Tgt Ion: 180 Resp: 24403
 Ion Ratio Lower Upper
 180 100
 182 92.9 76.6 115.0
 145 28.4 22.7 34.1





#90

Hexachlorobutadiene

Concen: 4.357 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

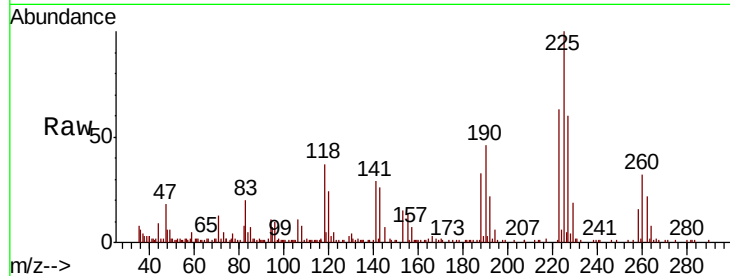
Tot Ion:225 Resp: 12056

Ion Ratio Lower Upper

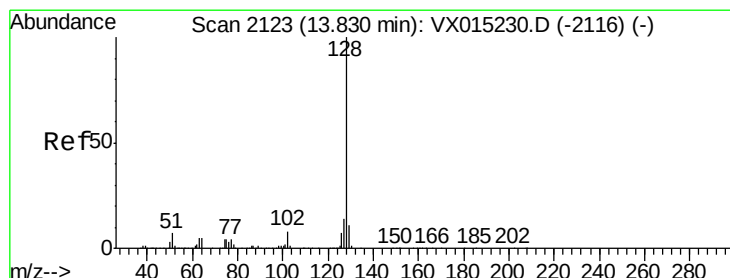
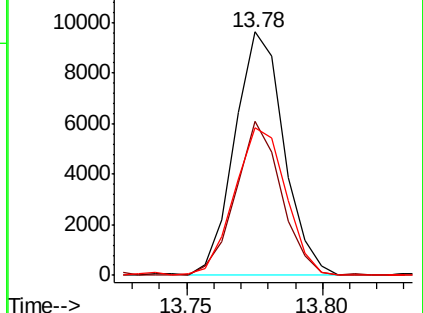
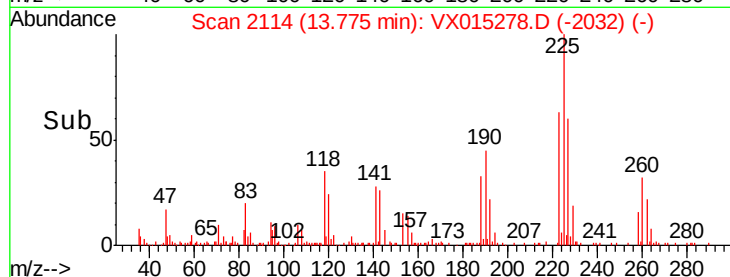
225 100

223 58.8 0.0 125.0

227 63.5 0.0 126.2



Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V



#91

Naphthalene

Concen: 3.995 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015278.D

Acq: 13 Mar 2020 23:59

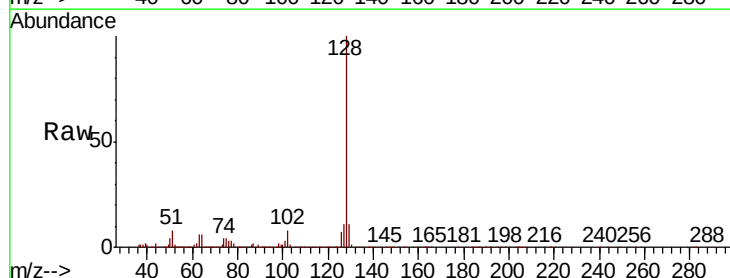
Tgt Ion:128 Resp: 59530

Ion Ratio Lower Upper

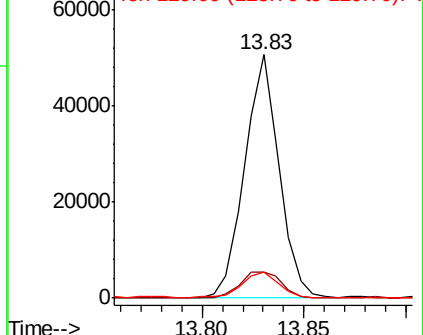
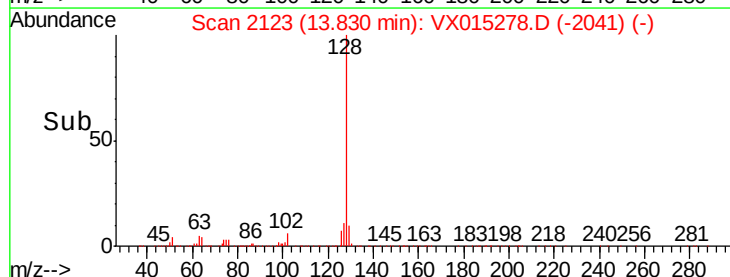
128 100

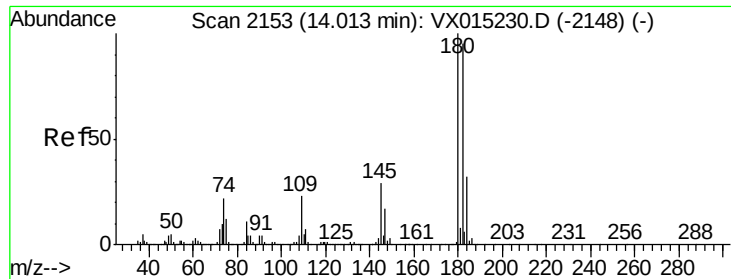
127 13.0 10.8 16.2

129 11.9 8.7 13.1



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





#92
 1,2,3-Trichlorobenzene
 Concen: 4.492 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX015278.D
 Acq: 13 Mar 2020 23:59

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	0.0	192.0
145	28.9	0.0	60.0

