

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
 Data File : VX015219.D
 Acq On : 11 Mar 2020 23:41
 Operator : JC/SP
 Sample : L1161-08 5PPB L00
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: Mar 12 08:43:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 08:39:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	49287	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	260282	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	240413	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	97137	29.21	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.37%
60) 4-Bromofluorobenzene	11.13	95	111527	29.50	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.33%
63) Toluene-d8	8.71	98	315511	29.83	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.43%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	12302	5.116	ug/l 97
3) Chloromethane	1.32	50	18462	5.292	ug/l 98
4) Vinyl Chloride	1.40	62	18510	5.257	ug/l 97
5) Bromomethane	1.64	94	12371	5.595	ug/l 97
6) Chloroethane	1.72	64	11877	5.515	ug/l 92
7) Trichlorofluoromethane	1.92	101	23565	5.535	ug/l 93
8) Diethyl Ether	2.18	74	10620	5.468	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	14343	5.544	ug/l 99
10) 1,1-Dichloroethene	2.37	96	13897	5.229	ug/l 98
11) Methyl Iodide	2.50	142	9418	3.312	ug/l 94
12) Methyl Acetate	2.76	43	20837	5.984	ug/l 92
13) Acrolein	2.28	56	14730	27.034	ug/l 88
14) Acrylonitrile	3.14	53	42344	26.325	ug/l 98
15) Acetone	2.44	58	11960	29.101	ug/l 79
16) Carbon Disulfide	2.56	76	39621	5.262	ug/l 100
17) Allyl chloride	2.72	41	26415	5.292	ug/l 97
18) Methylene Chloride	2.85	84	17246	5.528	ug/l 99
19) trans-1,2-Dichloroethene	3.16	96	15384	5.175	ug/l 91
20) Diisopropyl ether	3.84	45	51231	5.091	ug/l 93
21) 1,1-Dichloroethane	3.69	63	27154	5.046	ug/l 94
22) cis-1,2-Dichloroethene	4.59	96	16104	4.797	ug/l 89
23) tert-Butyl Alcohol	3.03	59	19555	30.489	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	44797	5.167	ug/l # 56
25) Chloroform	5.21	83	27216	5.281	ug/l 97
26) Cyclohexane	5.58	56	24991	5.069	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	20301	5.230	ug/l 96
30) 2-Butanone	4.67	43	55316	26.231	ug/l 98
31) 2,2-Dichloropropane	4.58	77	15923	4.653	ug/l 95
32) 1,1,1-Trichloroethane	5.49	97	22179	5.295	ug/l 99
33) Carbon Tetrachloride	5.78	117	19201	5.280	ug/l 95
34) Benzene	6.14	78	64409	5.407	ug/l 98
35) Methacrylonitrile	5.03	41	12144	5.270	ug/l 89
36) 1,2-Dichloroethane	6.18	62	20844	5.268	ug/l # 86
37) Trichloroethene	7.21	130	18113	5.443	ug/l 98
38) Methylcyclohexane	7.46	83	23883	5.211	ug/l 98
39) 1,2-Dichloropropane	7.51	63	16506	5.385	ug/l 96
40) Dibromomethane	7.66	93	10631	5.337	ug/l 92

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 08:39:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	19229	5.053	ug/l	97
42) Vinyl Acetate	3.81	43	198508	24.210	ug/l	99
43) Ethyl Acetate	4.83	43	22695	5.403	ug/l #	96
45) 1,4-Dioxane	7.74	88	7667	107.392	ug/l #	89
46) Methyl methacrylate	7.76	41	15975	4.764	ug/l	96
47) n-amyl Acetate	10.89	43	23490	4.092	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	20767	5.026	ug/l	91
49) cis-1,3-Dichloropropene	8.43	75	23111	4.935	ug/l #	93
50) 1,1,2-Trichloroethane	9.21	97	16488	5.559	ug/l	90
51) Ethyl methacrylate	9.17	69	22416	4.920	ug/l	98
52) 1,3-Dichloropropane	9.37	76	27706	5.517	ug/l	100
53) Dibromochloromethane	9.57	129	15171	4.851	ug/l	100
54) 1,2-Dibromoethane	9.67	107	17234	5.599	ug/l	94
55) 2-Chloroethyl vinyl ether	8.31	63	55044	23.564	ug/l	97
56) Bromoform	10.85	173	11393	4.792	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	107090	25.659	ug/l	98
59) 2-Hexanone	9.49	43	78590	25.163	ug/l	98
61) Tetrachloroethene	9.33	164	17972	5.407	ug/l	96
62) Toluene	8.78	91	66926	5.280	ug/l	98
64) Chlorobenzene	10.14	112	43242	5.459	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.22	131	14841	5.089	ug/l	98
66) Ethyl Benzene	10.24	91	70100	5.134	ug/l	97
67) m/p-Xylenes	10.35	106	54454	10.402	ug/l	99
68) o-Xylene	10.70	106	26268	5.257	ug/l	99
69) Styrene	10.71	104	43498	4.951	ug/l	97
70) Isopropylbenzene	11.01	105	67586	5.057	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	22699	5.195	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	24887	7.004	ug/l	96
73) Bromobenzene	11.25	156	19235	5.261	ug/l	100
74) n-propylbenzene	11.35	91	78353	5.079	ug/l	100
75) 2-Chlorotoluene	11.42	91	47757	5.247	ug/l	97
76) 1,3,5-Trimethylbenzene	11.50	105	55916	5.056	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	5726	4.125	ug/l	79
78) 4-Chlorotoluene	11.51	91	55907	5.305	ug/l	99
79) tert-butylbenzene	11.76	119	54168	5.123	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	56176	5.030	ug/l	99
81) sec-Butylbenzene	11.94	105	66207	5.072	ug/l	98
82) p-Isopropyltoluene	12.06	119	59472	5.005	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	34508	5.309	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	34947	5.375	ug/l	98
85) n-Butylbenzene	12.38	91	50341	4.876	ug/l	98
86) Hexachloroethane	12.59	117	10178	4.817	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	33830	5.354	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	4605	5.132	ug/l	96
89) 1,2,4-Trichlorobenzene	13.64	180	24043	5.247	ug/l	99
90) Hexachlorobutadiene	13.78	225	11793	5.212	ug/l	97
91) Naphthalene	13.83	128	59884	4.645	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	24203	5.240	ug/l	100

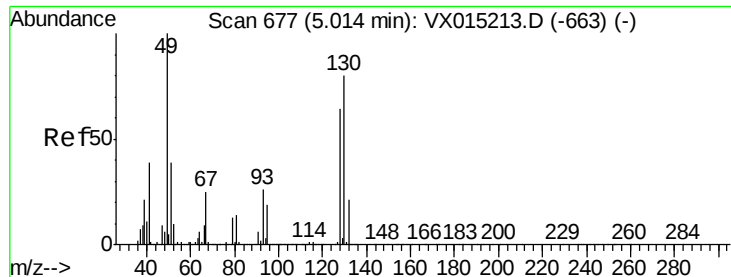
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 08:39:57 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

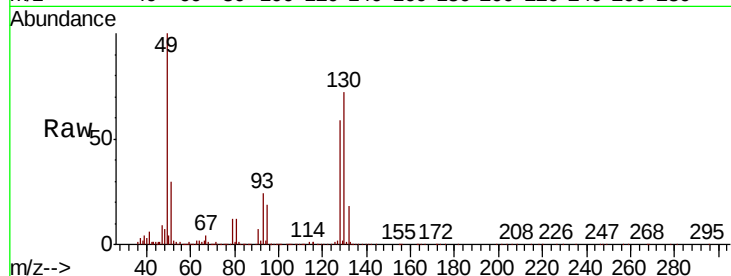
Tot Ion:128 Resp: 49287

Ion Ratio Lower Upper

128 100

49 160.7 0.0 410.8

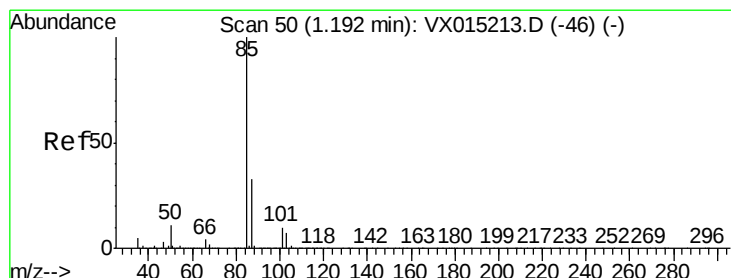
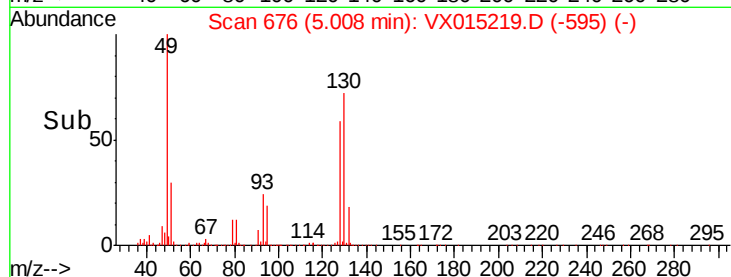
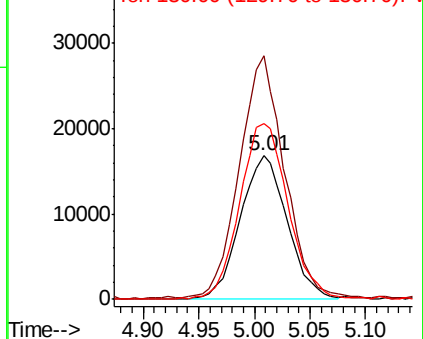
130 126.3 0.0 324.3



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: 5.116 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015219.D

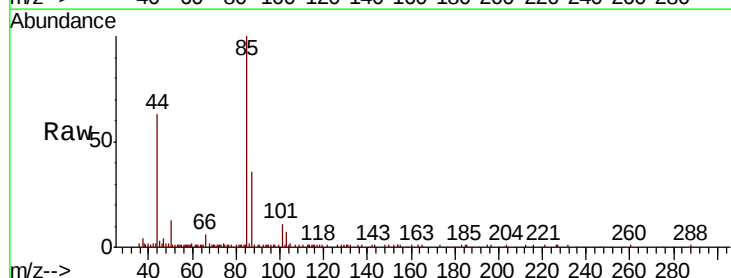
Acq: 11 Mar 2020 23:41

Tgt Ion: 85 Resp: 12302

Ion Ratio Lower Upper

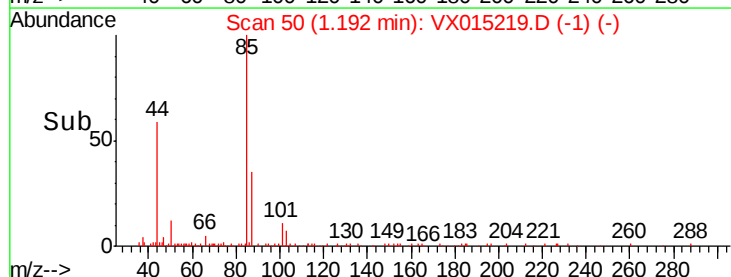
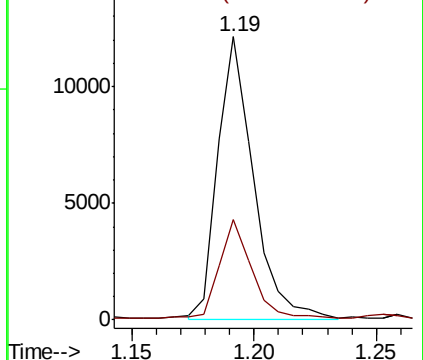
85 100

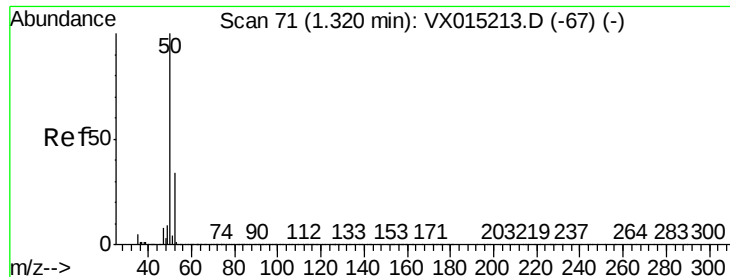
87 35.0 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

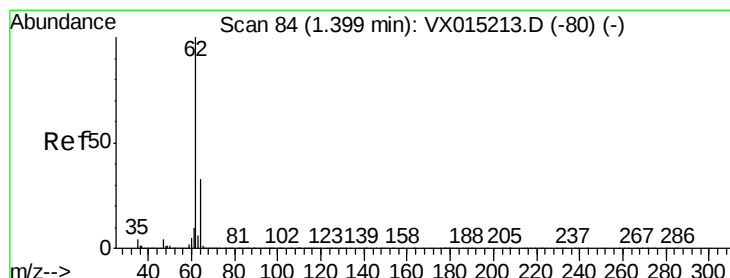
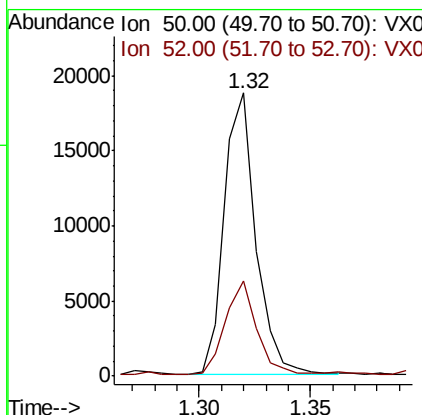
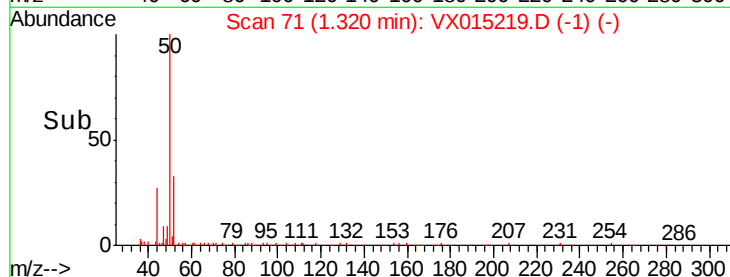
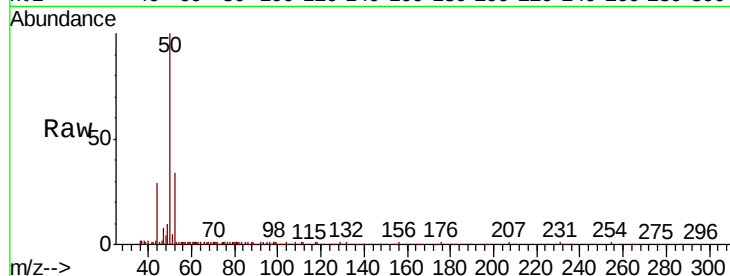




#3
Chloromethane
Concen: 5.292 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

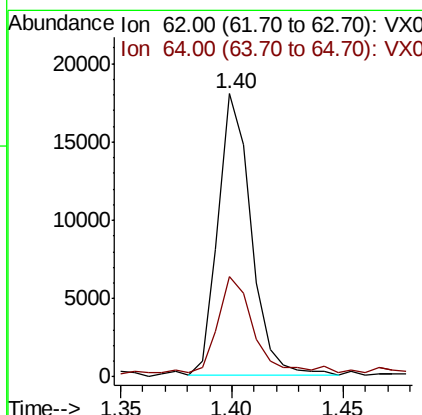
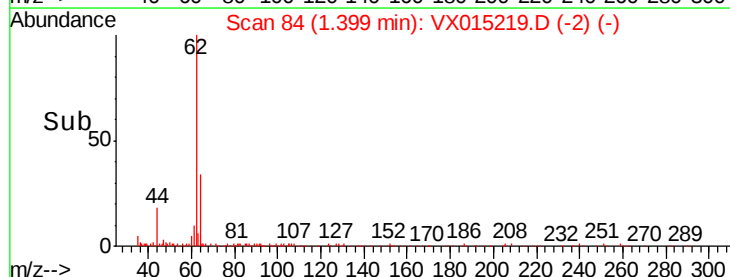
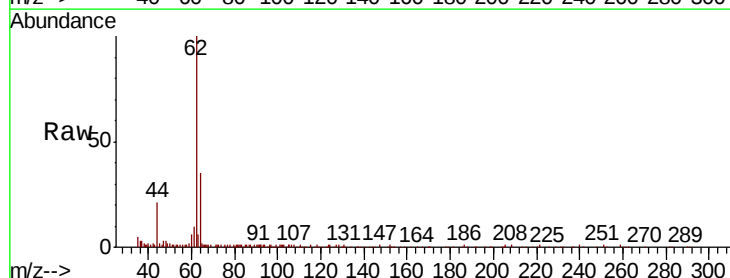
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

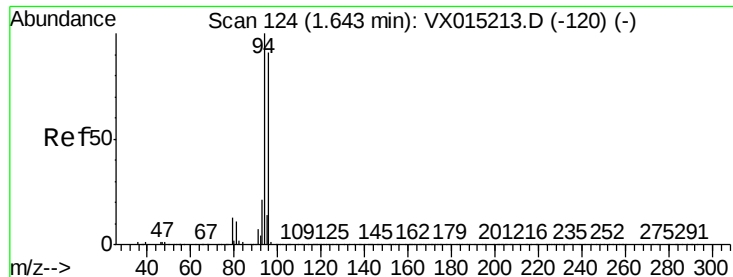
Tot Ion: 50 Resp: 18462
Ion Ratio Lower Upper
50 100
52 32.9 27.4 41.0



#4
Vinyl Chloride
Concen: 5.257 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

Tgt Ion: 62 Resp: 18510
Ion Ratio Lower Upper
62 100
64 34.0 25.9 38.9





#5

Bromomethane

Concen: 5.595 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

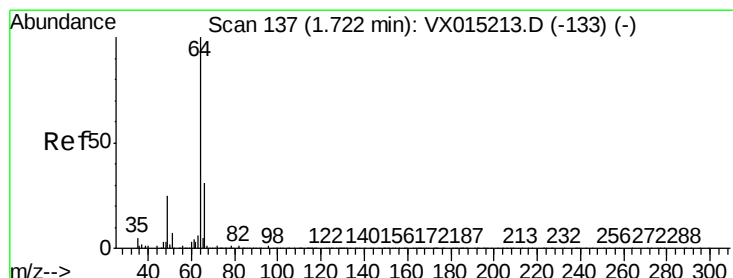
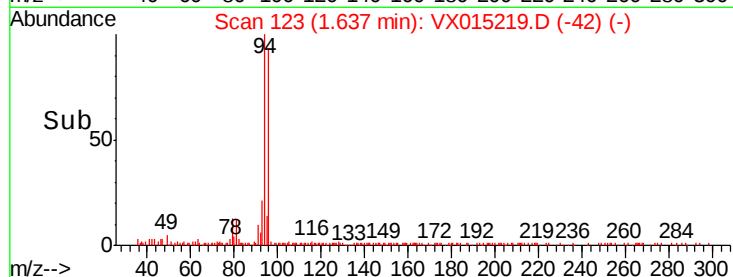
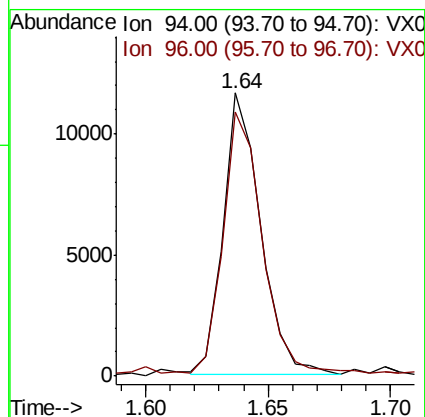
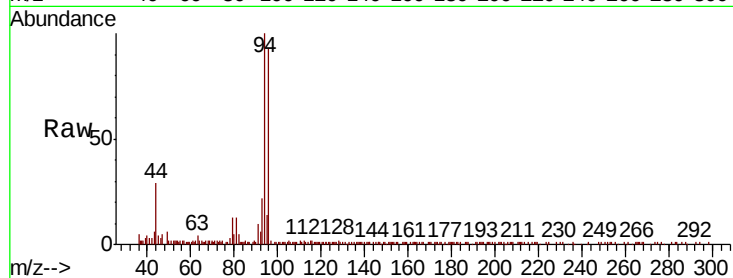
LOQ-WATER-02-QT1-2020

Tot Ion: 94 Resp: 12371

Ion Ratio Lower Upper

94 100

96 92.7 72.2 108.2



#6

Chloroethane

Concen: 5.515 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015219.D

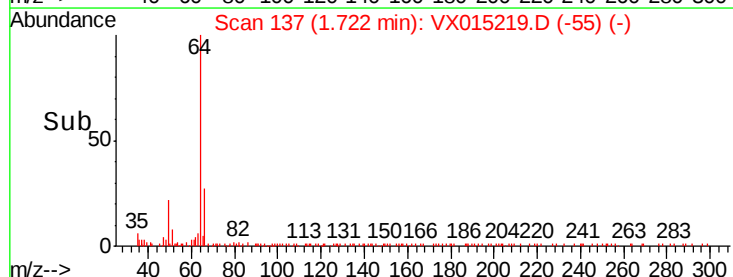
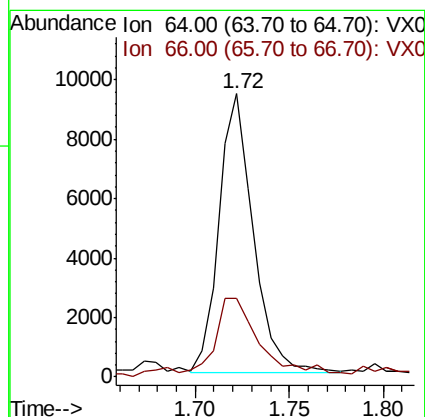
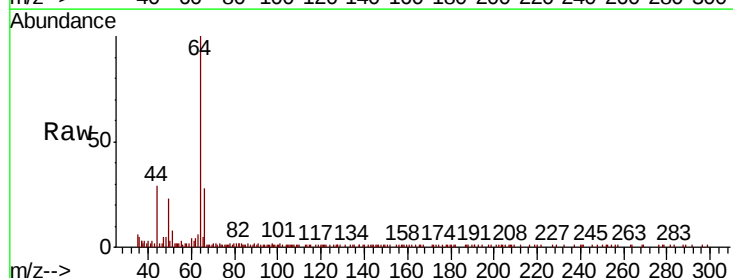
Acq: 11 Mar 2020 23:41

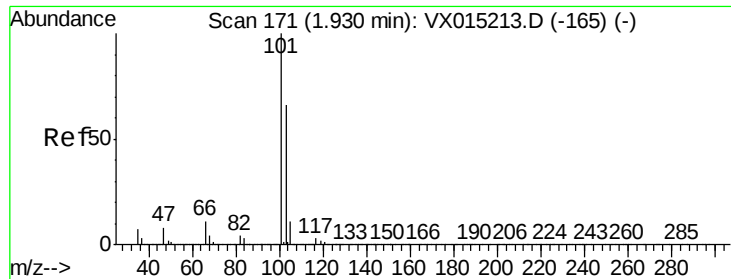
Tgt Ion: 64 Resp: 11877

Ion Ratio Lower Upper

64 100

66 26.6 24.9 37.3



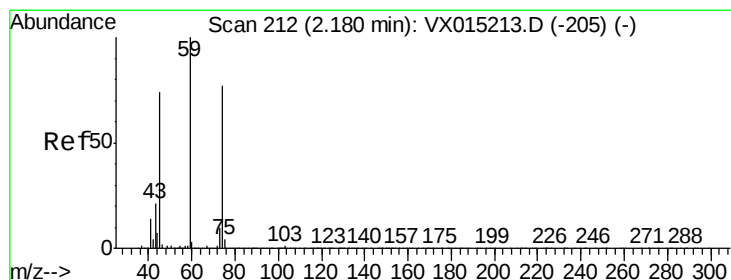
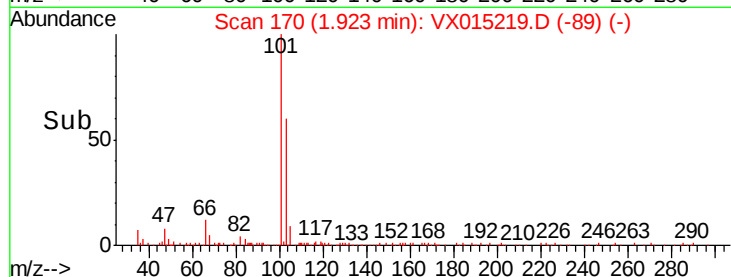
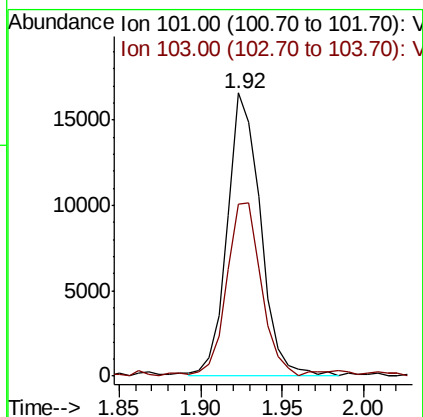
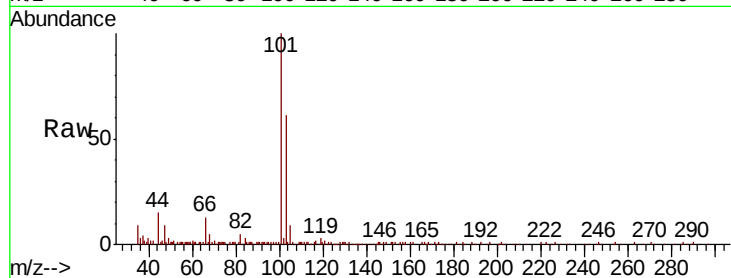


#7

Trichlorofluoromethane
 Concen: 5.535 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.01 min
 Lab File: VX015219.D
 Acq: 11 Mar 2020 23:41

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

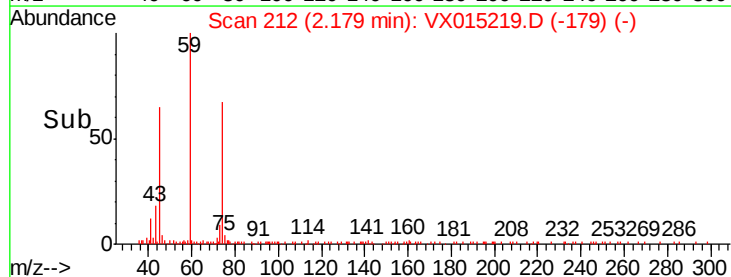
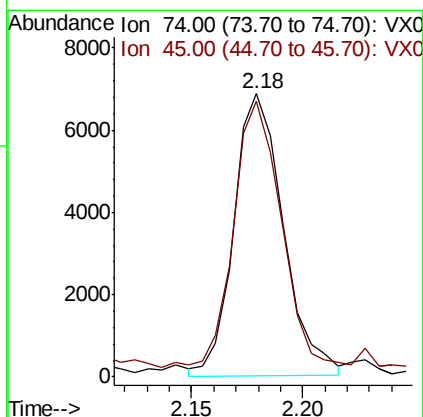
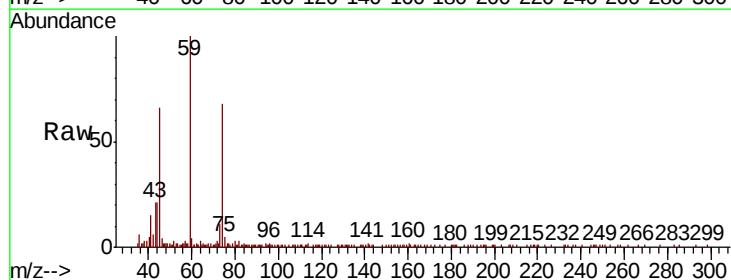
Tot Ion:101 Resp: 23565
 Ion Ratio Lower Upper
 101 100
 103 59.9 52.5 78.7

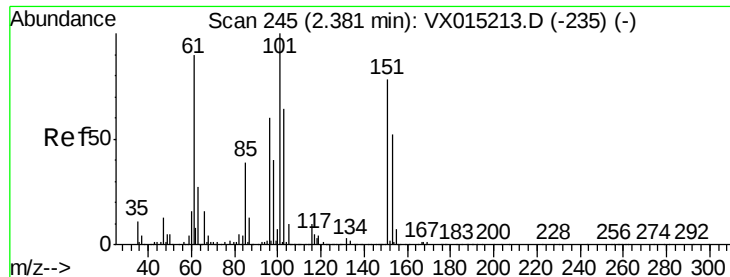


#8

Diethyl Ether
 Concen: 5.468 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX015219.D
 Acq: 11 Mar 2020 23:41

Tgt Ion: 74 Resp: 10620
 Ion Ratio Lower Upper
 74 100
 45 91.4 19.1 171.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.544 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

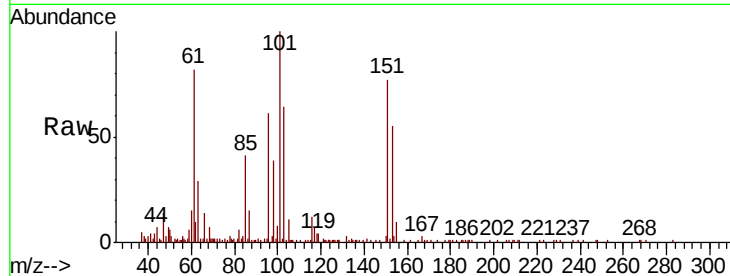
Tot Ion:101 Resp: 14343

Ion Ratio Lower Upper

101 100

85 40.9 0.0 84.6

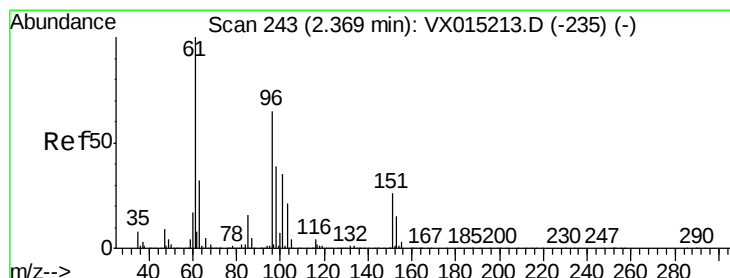
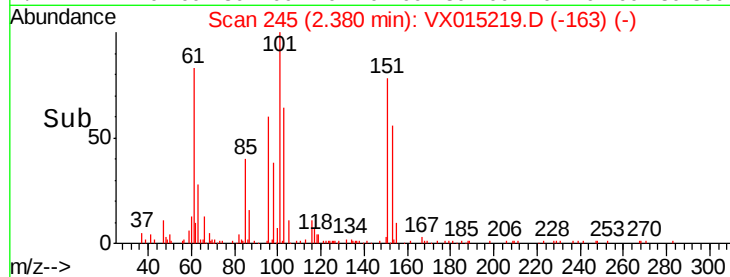
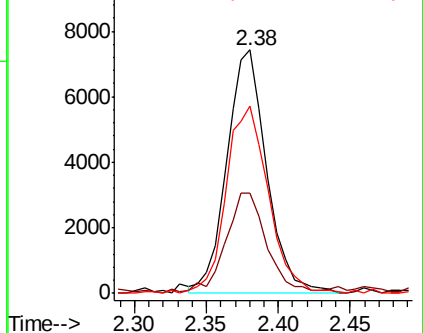
151 81.0 0.0 161.8



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: 5.229 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

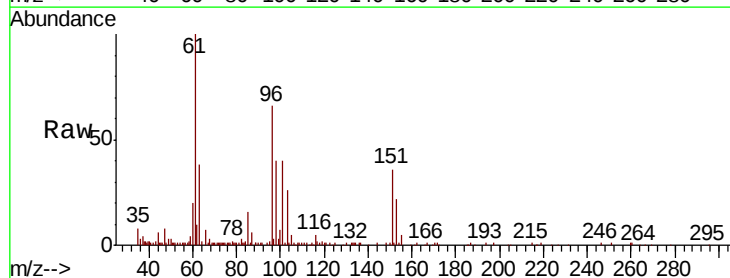
Tgt Ion: 96 Resp: 13897

Ion Ratio Lower Upper

96 100

61 151.4 123.1 184.7

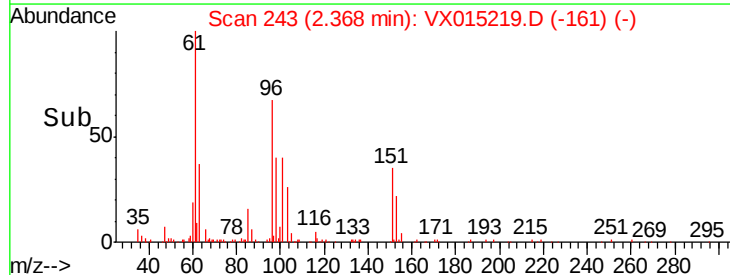
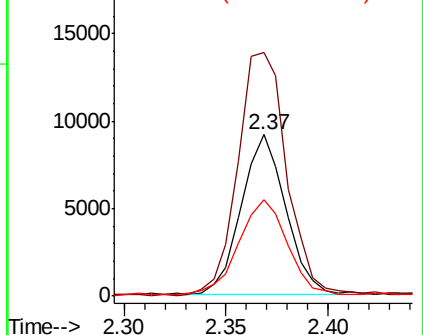
98 59.2 48.1 72.1

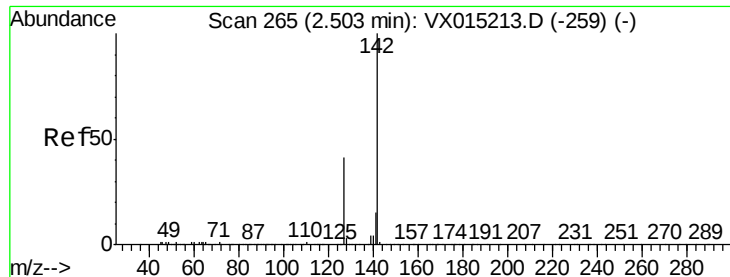


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

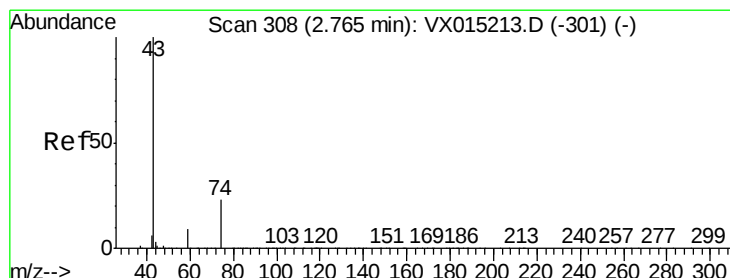
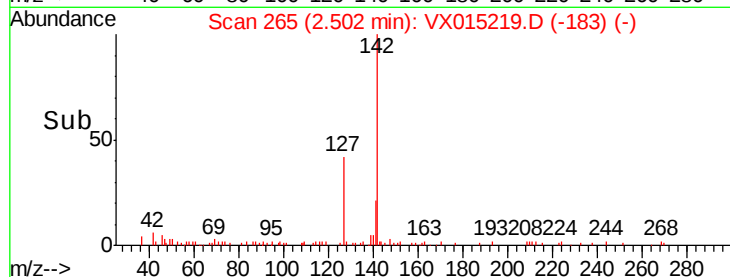
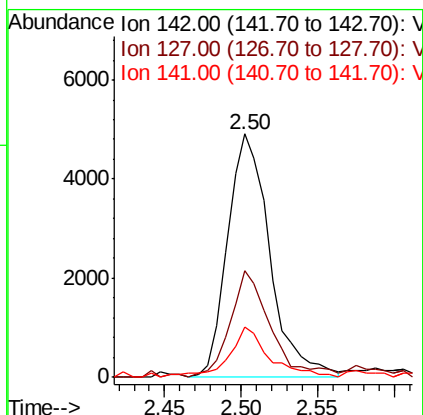
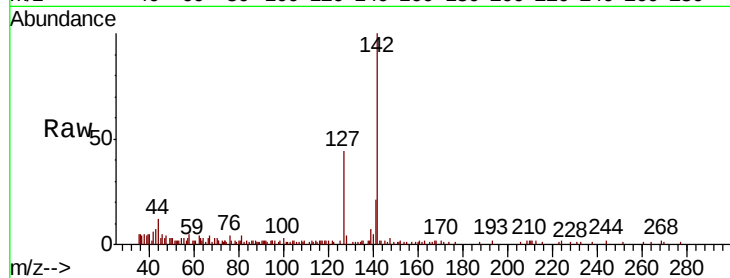




#11
Methvl Iodide
Concen: 3.312 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

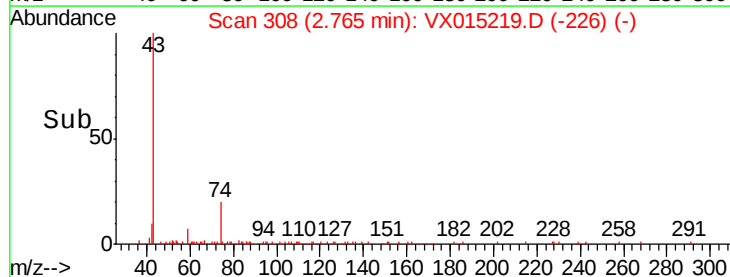
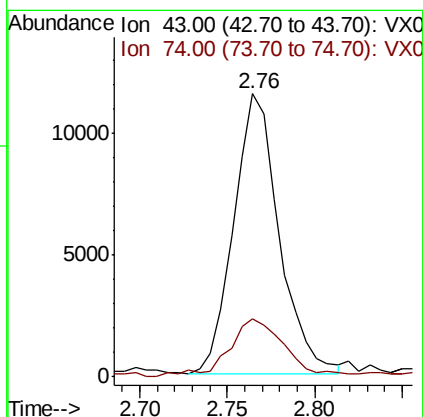
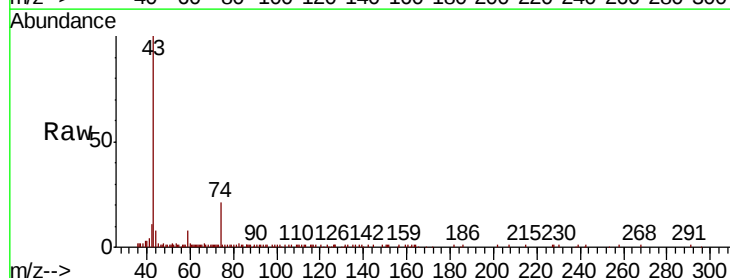
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

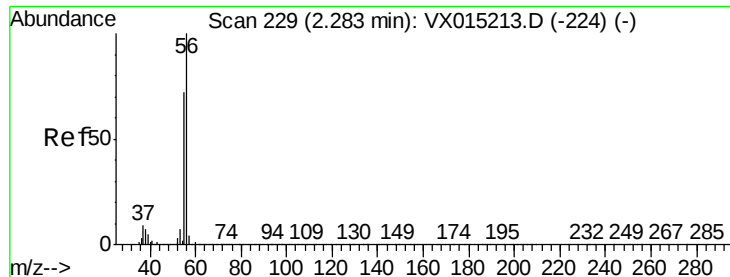
Tot Ion:142 Resp: 9418
Ion Ratio Lower Upper
142 100
127 43.7 20.7 62.1
141 20.4 7.5 22.6



#12
Methyl Acetate
Concen: 5.984 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

Tgt Ion: 43 Resp: 20837
Ion Ratio Lower Upper
43 100
74 18.9 18.3 27.5

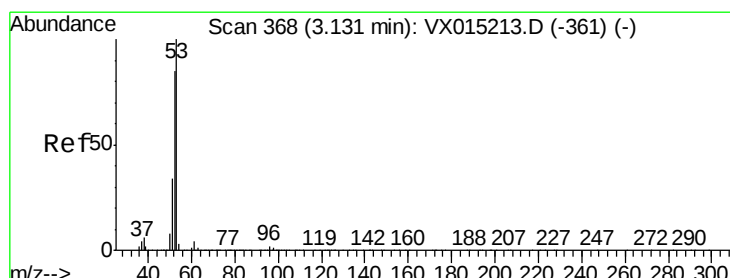
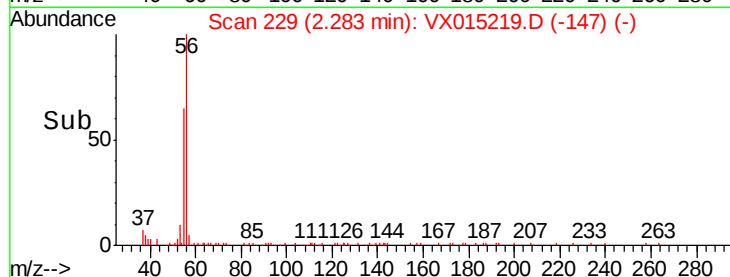
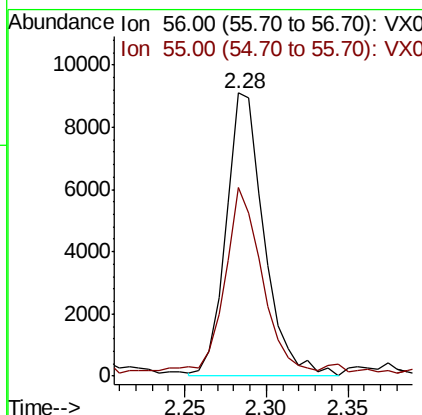
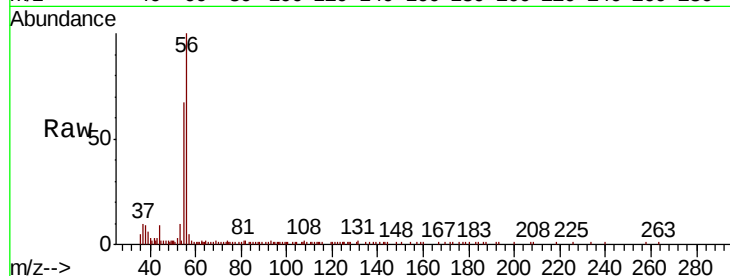




#13
Acrolein
Concen: 27.034 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

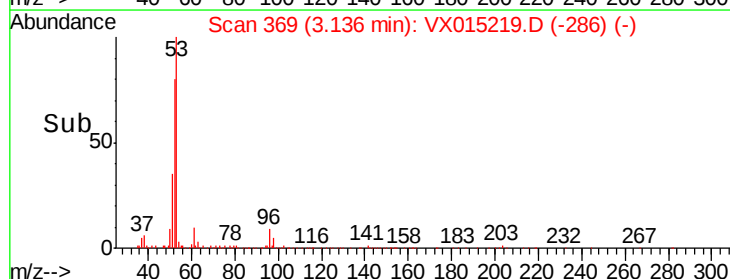
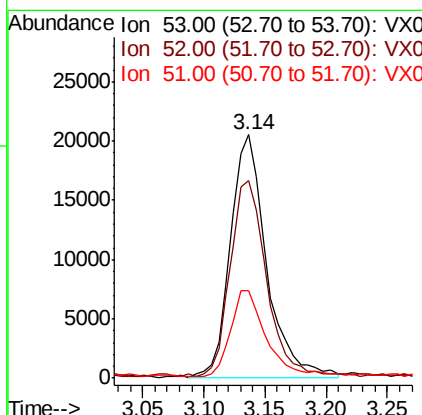
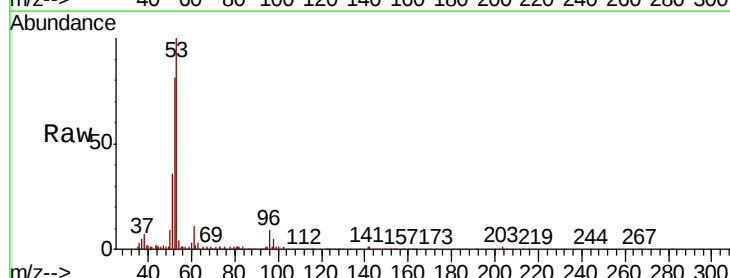
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

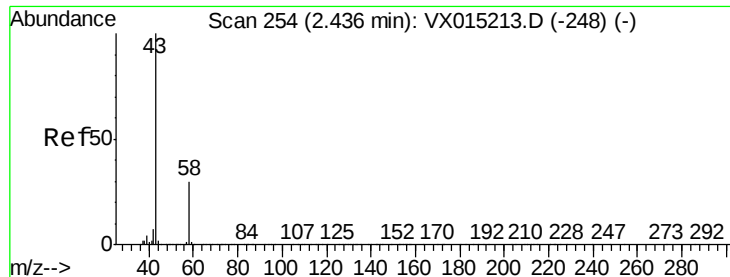
Tot Ion: 56 Resp: 14730
Ion Ratio Lower Upper
56 100
55 60.4 56.2 84.4



#14
Acrylonitrile
Concen: 26.325 ug/l
RT: 3.14 min Scan# 369
Delta R.T. 0.01 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

Tgt Ion: 53 Resp: 42344
Ion Ratio Lower Upper
53 100
52 81.4 41.1 123.3
51 33.7 18.1 54.4





#15

Acetone

Concen: 29.101 ug/l

RT: 2.44 min Scan# 255

Delta R.T. 0.01 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

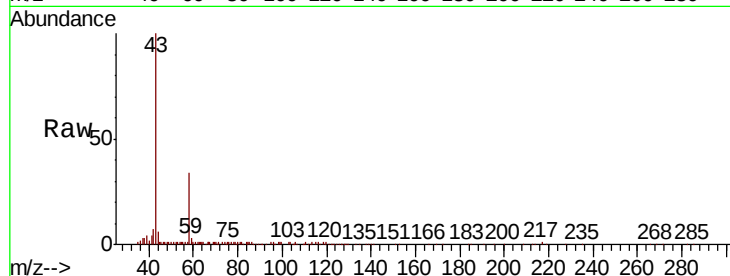
LOQ-WATER-02-QT1-2020

Tot Ion: 58 Resp: 11960

Ion Ratio Lower Upper

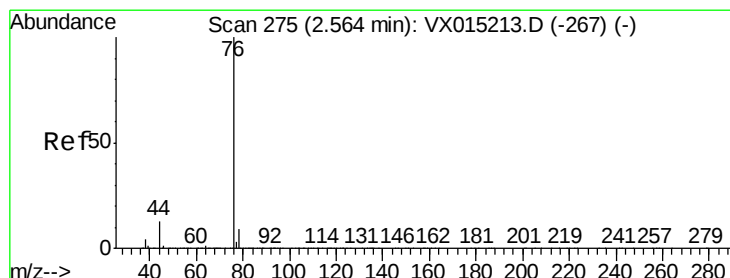
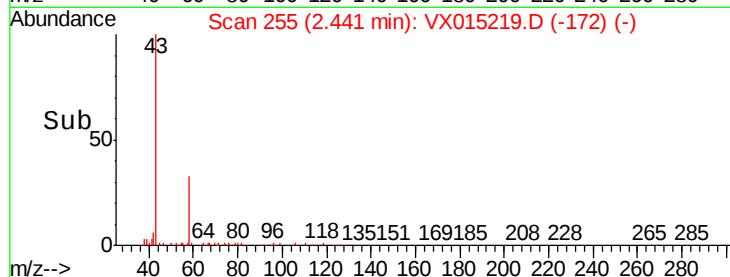
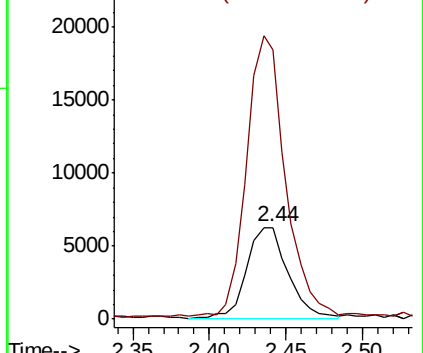
58 100

43 290.5 267.7 401.5



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 5.262 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015219.D

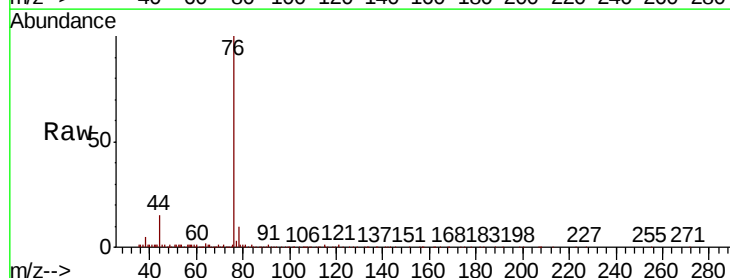
Acq: 11 Mar 2020 23:41

Tgt Ion: 76 Resp: 39621

Ion Ratio Lower Upper

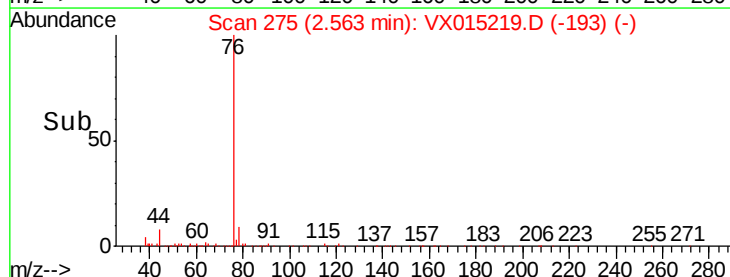
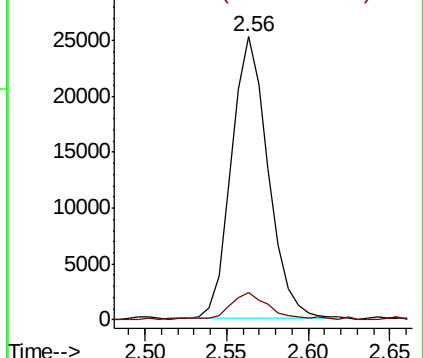
76 100

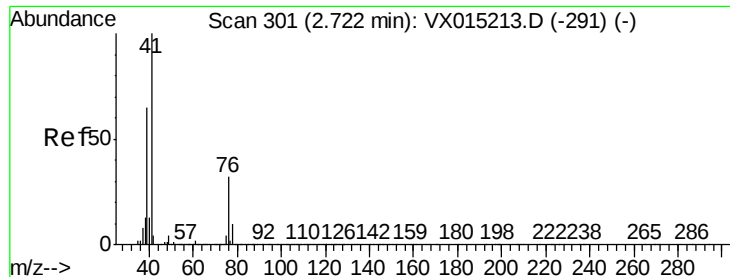
78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

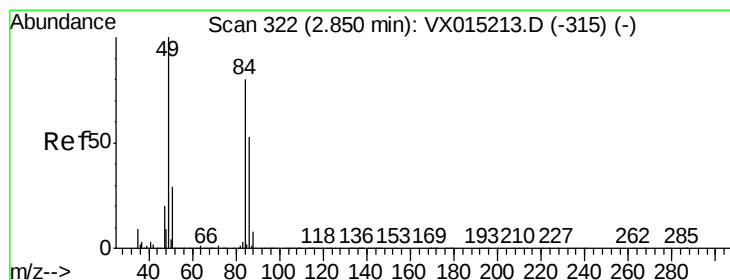
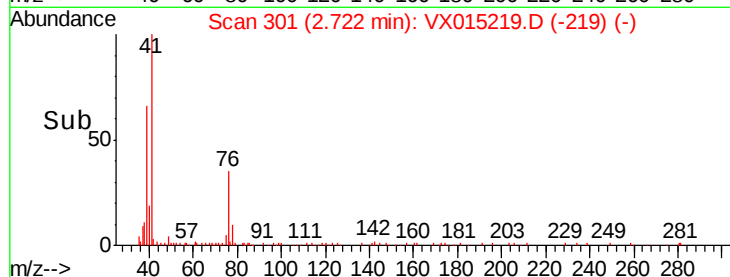
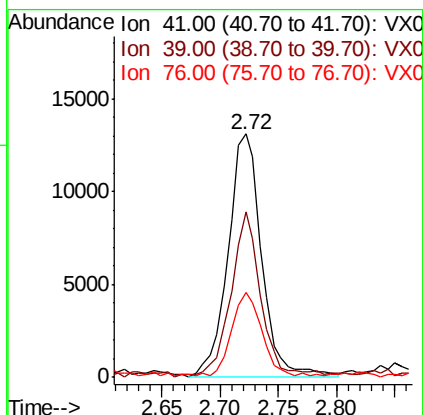
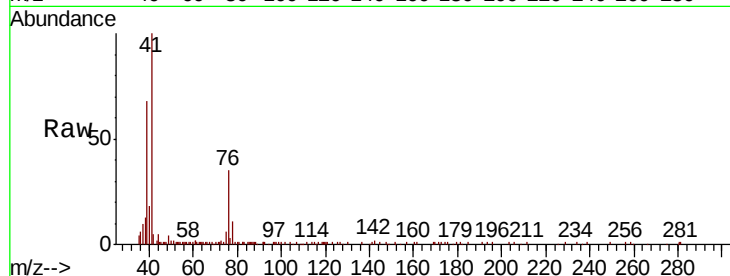




#17
Allvl chloride
Concen: 5.292 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

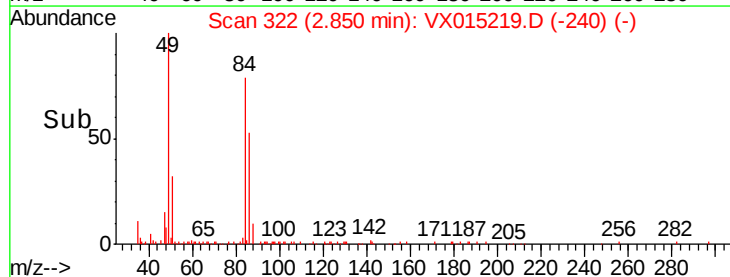
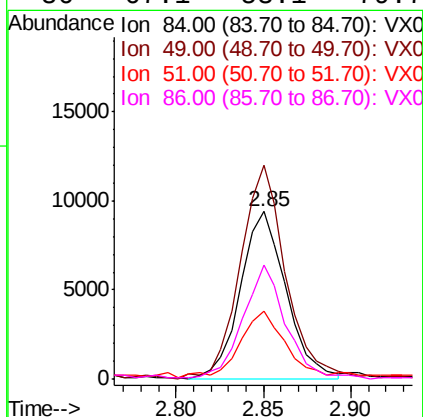
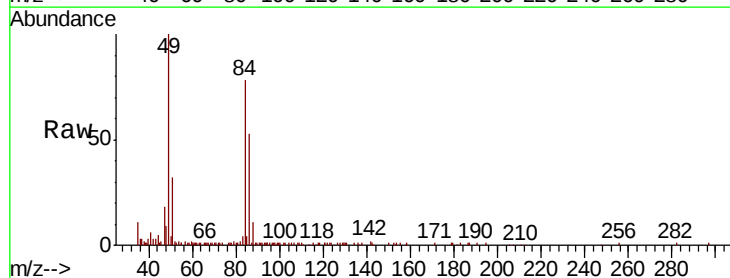
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

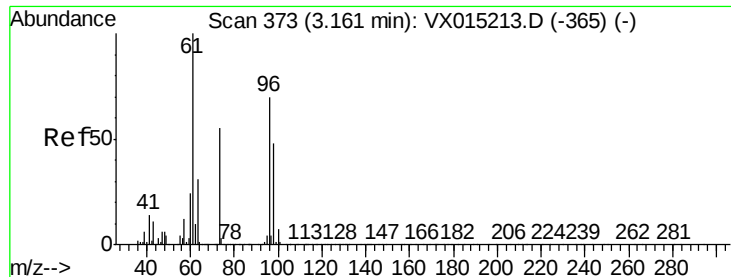
Tot Ion: 41 Resp: 26415
Ion Ratio Lower Upper
41 100
39 67.4 32.6 97.7
76 34.3 16.2 48.5



#18
Methylene Chloride
Concen: 5.528 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

Tgt Ion: 84 Resp: 17246
Ion Ratio Lower Upper
84 100
49 124.7 100.5 150.7
51 37.0 28.7 43.1
86 67.1 53.1 79.7

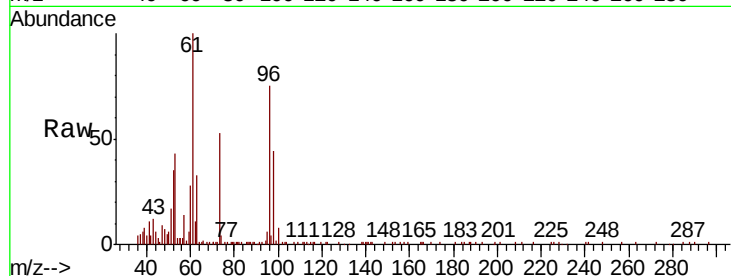




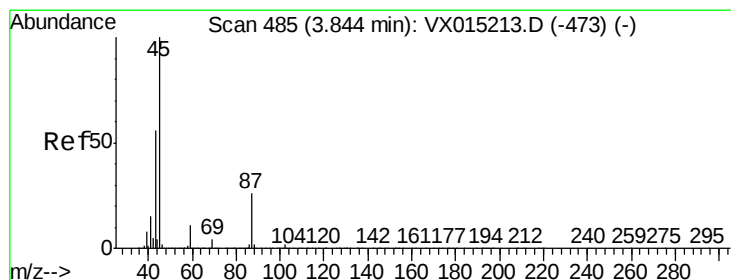
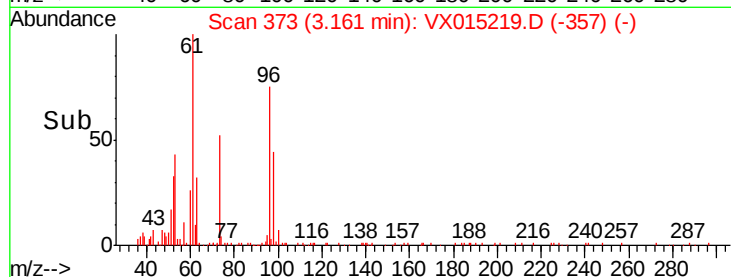
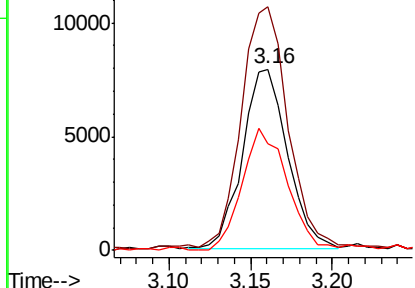
#19
trans-1,2-Dichloroethene
Concen: 5.175 ug/l
RT: 3.16 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

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

Tot Ion: 96 Resp: 15384
Ion Ratio Lower Upper
96 100
61 132.7 113.8 170.6
98 59.9 54.6 82.0

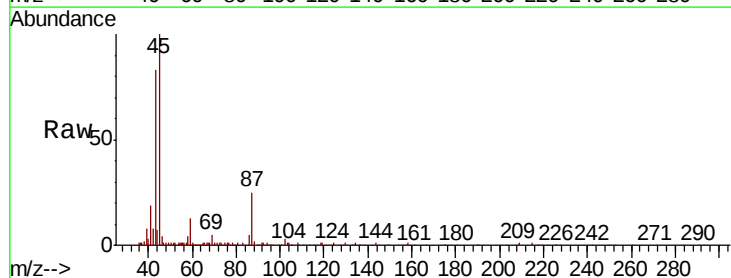


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

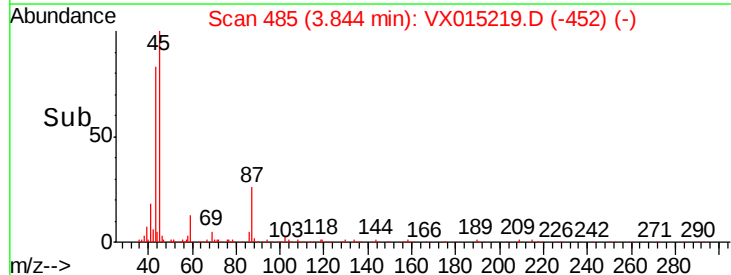
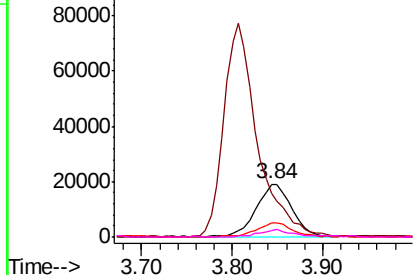


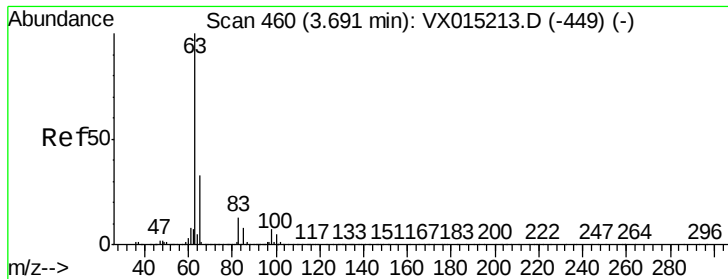
#20
Diisopropyl ether
Concen: 5.091 ug/l
RT: 3.84 min Scan# 485
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

Tgt Ion: 45 Resp: 51231
Ion Ratio Lower Upper
45 100
43 82.8 60.3 90.5
87 25.3 21.0 31.6
59 12.8 9.0 13.4



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: 5.046 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

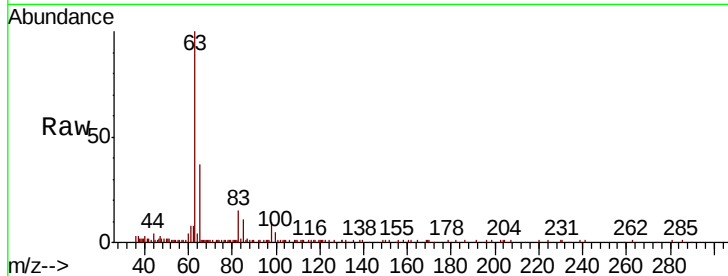
Tot Ion: 63 Resp: 27154

Ion Ratio Lower Upper

63 100

98 10.5 3.6 10.8

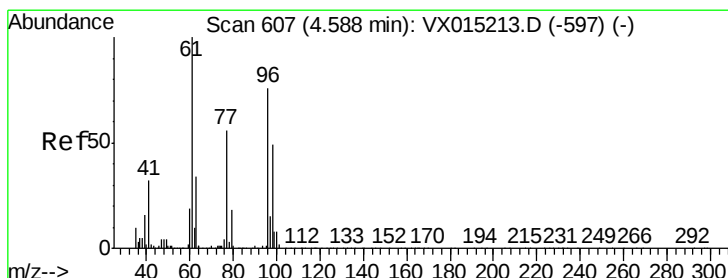
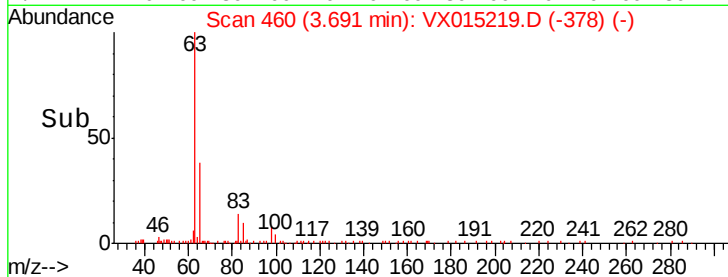
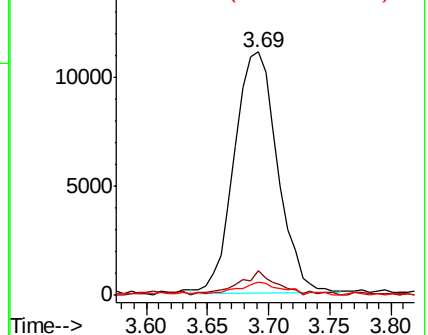
100 5.3 2.6 7.8



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 4.797 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

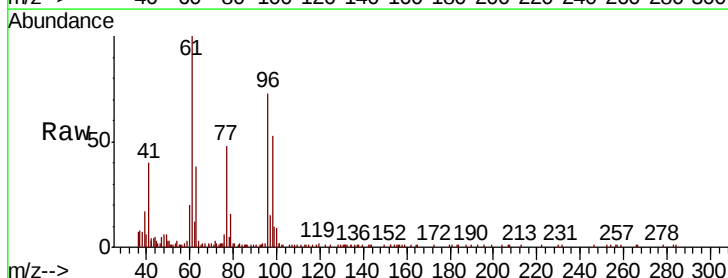
Tgt Ion: 96 Resp: 16104

Ion Ratio Lower Upper

96 100

61 150.0 109.3 163.9

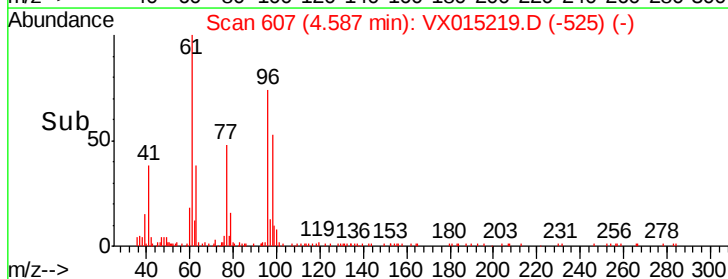
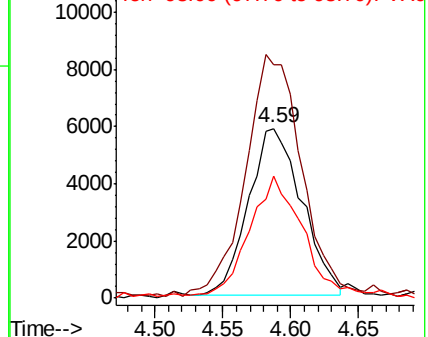
98 72.0 51.3 76.9

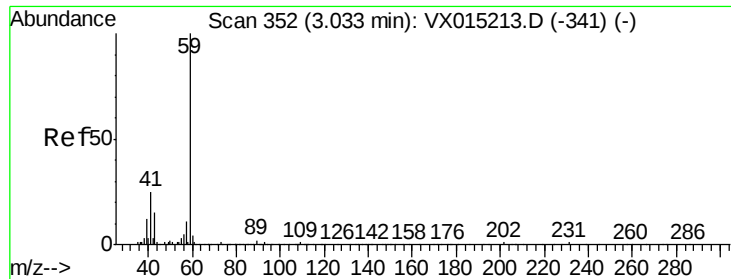


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 30.489 ug/l

RT: 3.03 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

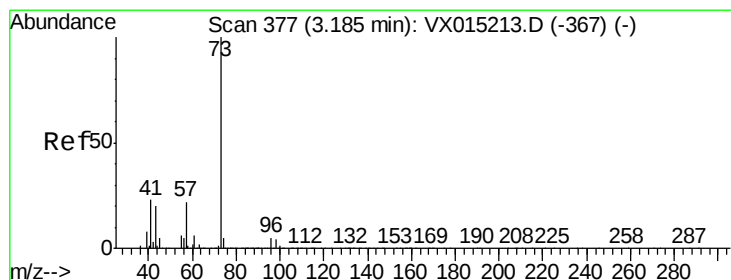
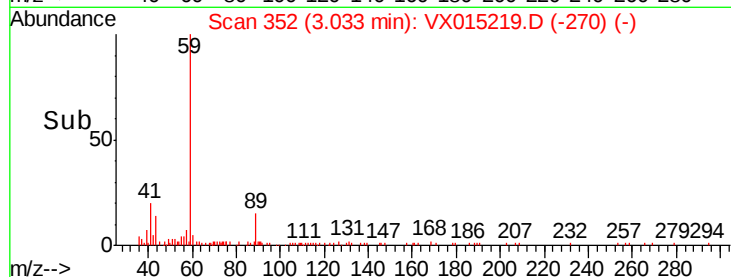
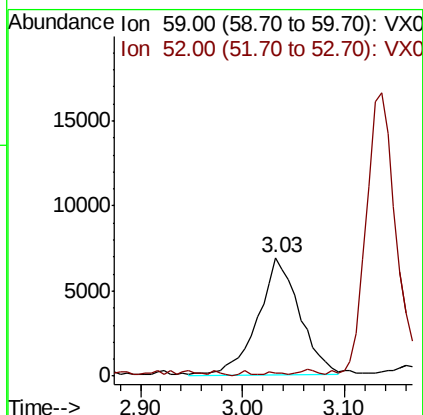
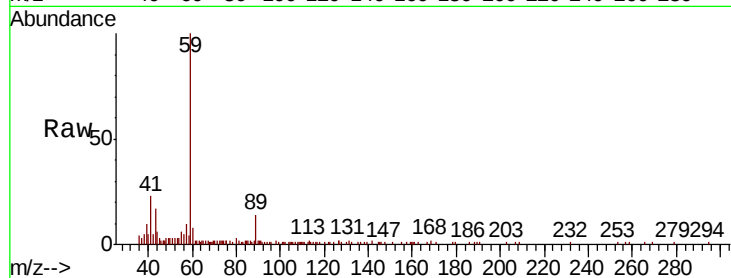
LOQ-WATER-02-QT1-2020

Tot Ion: 59 Resp: 19555

Ion Ratio Lower Upper

59 100

52 0.5 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 5.167 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX015219.D

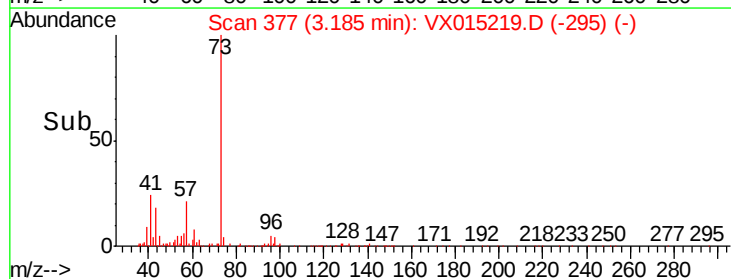
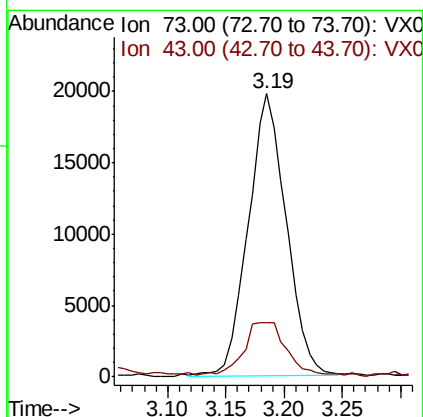
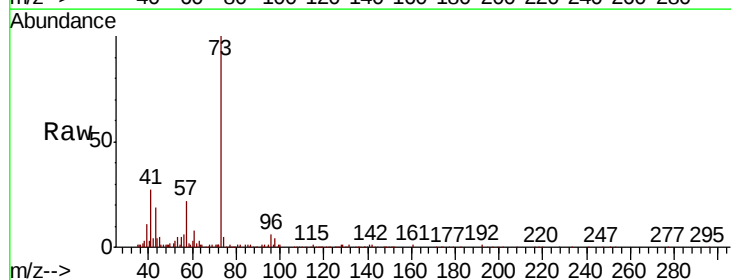
Acq: 11 Mar 2020 23:41

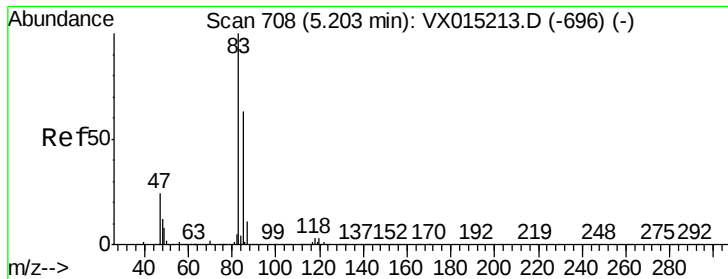
Tgt Ion: 73 Resp: 44797

Ion Ratio Lower Upper

73 100

43 0.2 16.4 24.6#





#25

Chloroform

Concen: 5.281 ug/l

RT: 5.21 min Scan# 709

Delta R.T. 0.01 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

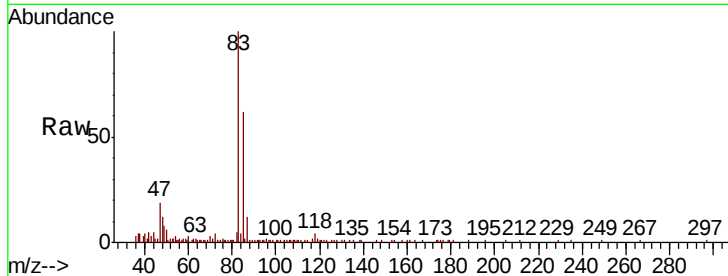
LOQ-WATER-02-QT1-2020

Tot Ion: 83 Resp: 27216

Ion Ratio Lower Upper

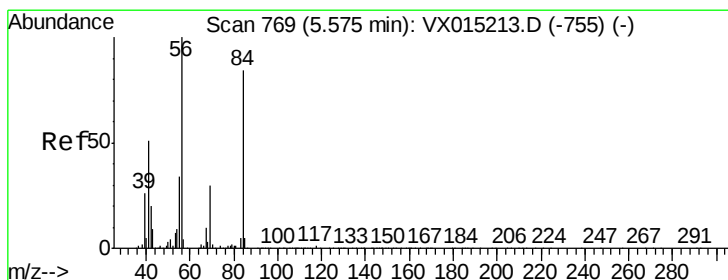
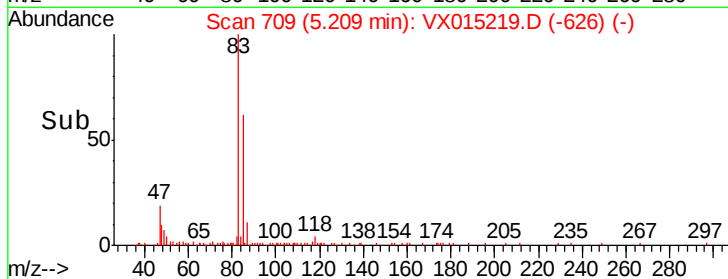
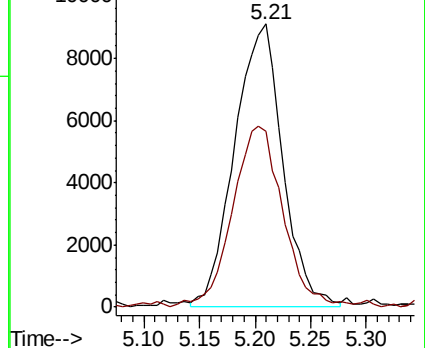
83 100

85 60.9 50.7 76.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 5.069 ug/l

RT: 5.58 min Scan# 769

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

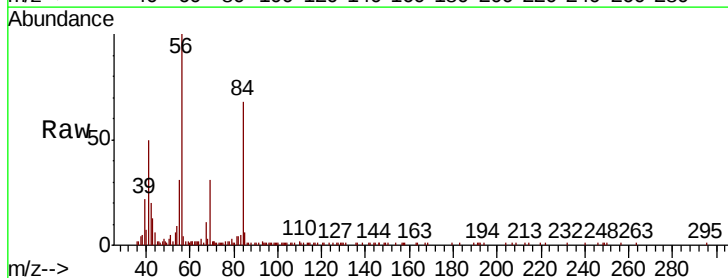
Tgt Ion: 56 Resp: 24991

Ion Ratio Lower Upper

56 100

89 0.6 0.1 0.1#

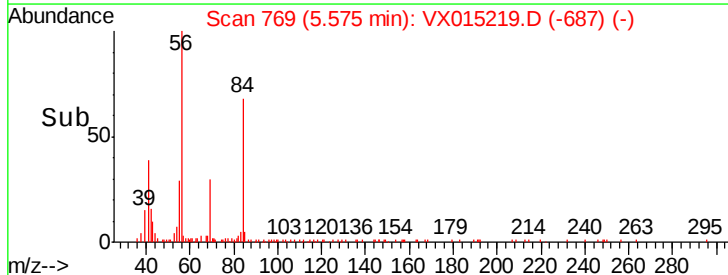
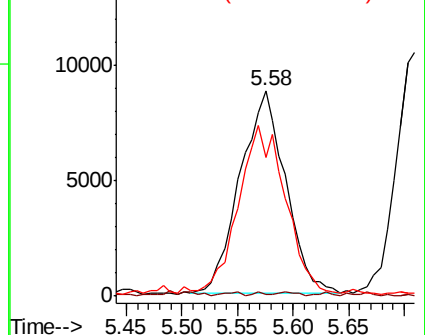
84 85.0 67.3 100.9

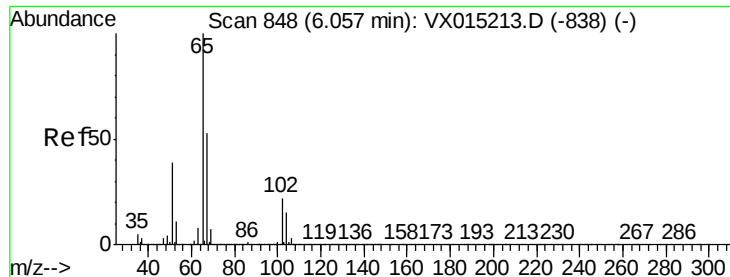


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.208 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

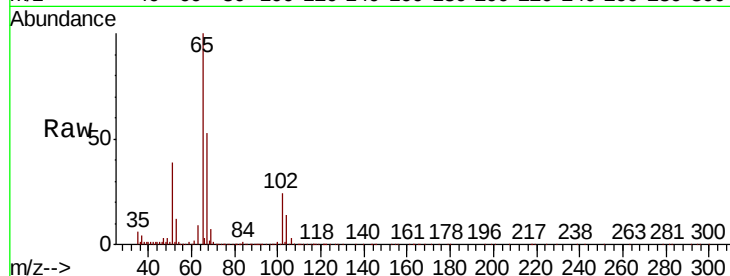
LOQ-WATER-02-QT1-2020

Tot Ion: 65 Resp: 97137

Ion Ratio Lower Upper

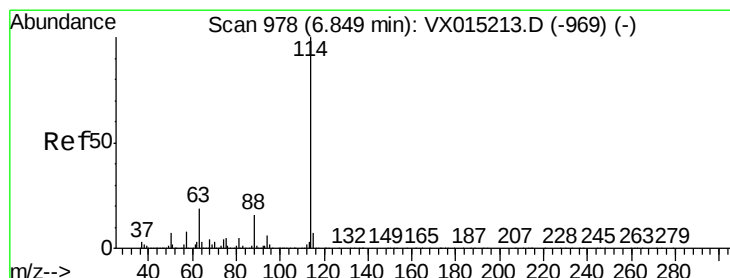
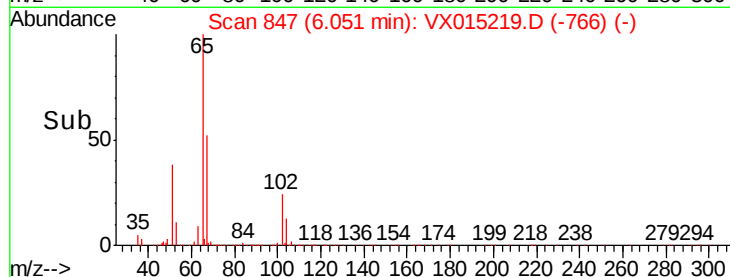
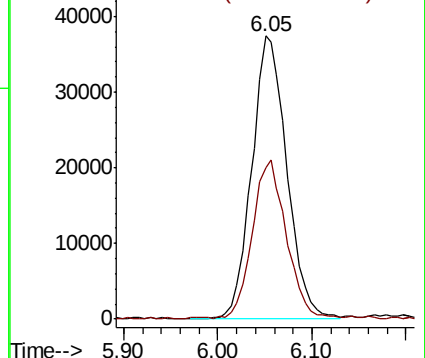
65 100

67 54.0 42.2 63.4



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

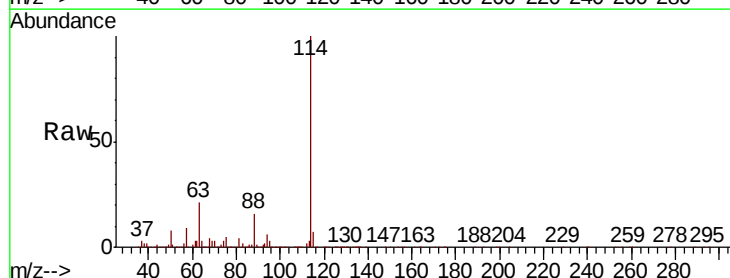
Tgt Ion: 114 Resp: 260282

Ion Ratio Lower Upper

114 100

63 20.7 15.8 23.6

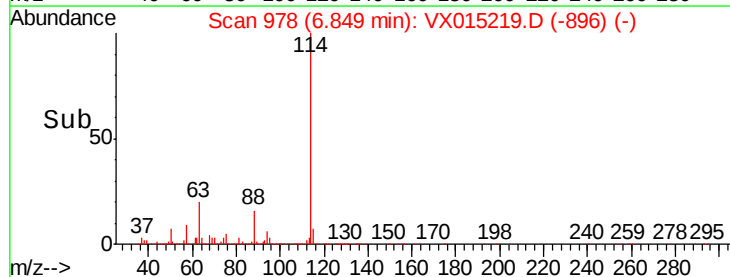
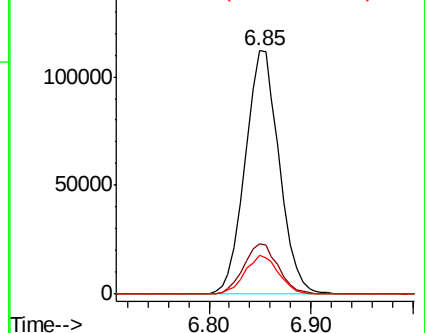
88 15.6 12.4 18.6

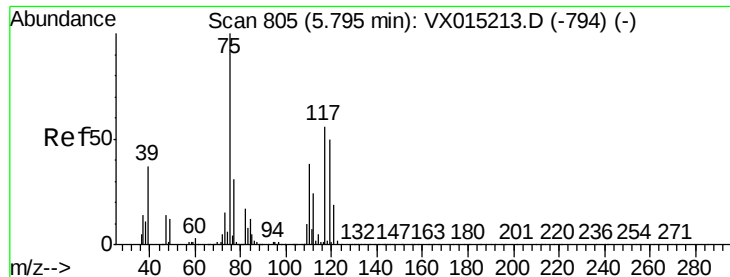


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 5.230 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

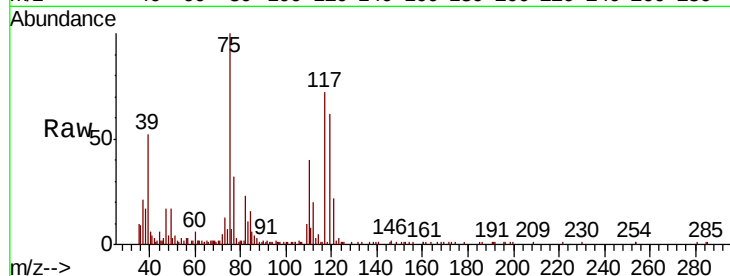
Tot Ion: 75 Resp: 20301

Ion Ratio Lower Upper

75 100

110 38.9 0.0 74.2

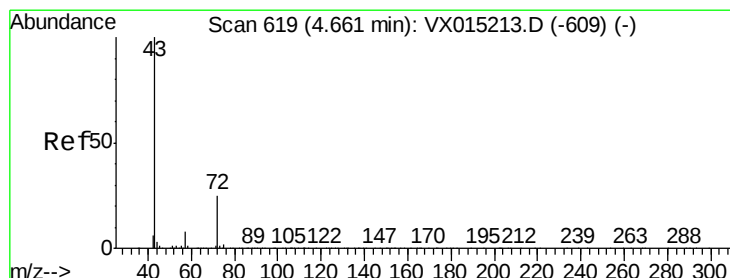
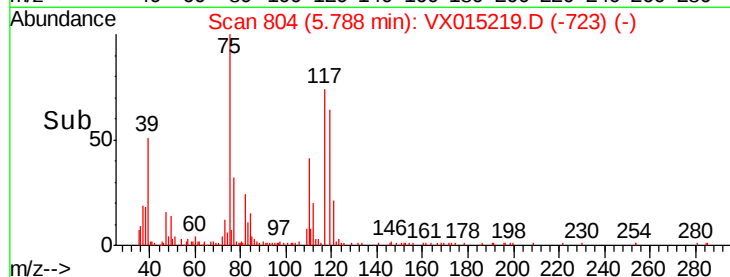
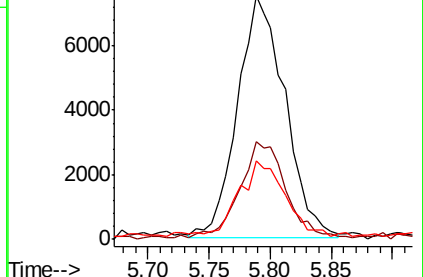
77 28.4 0.0 61.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 26.231 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

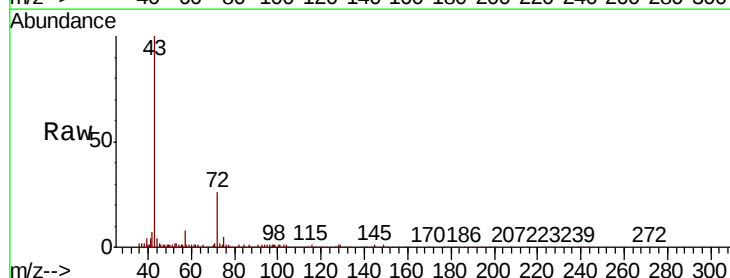
Tgt Ion: 43 Resp: 55316

Ion Ratio Lower Upper

43 100

57 7.1 6.0 9.0

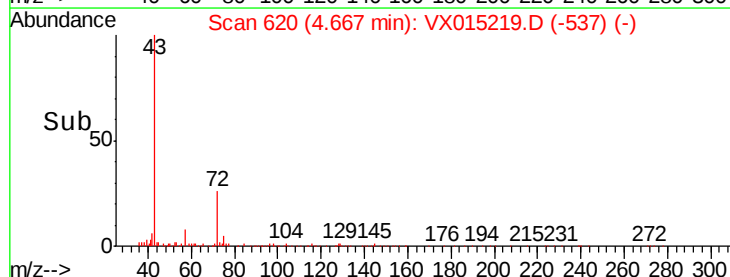
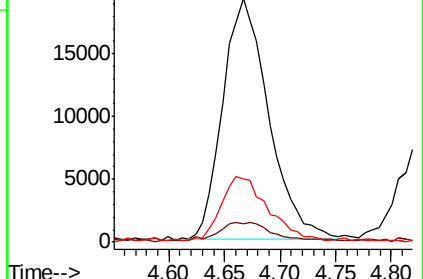
72 26.7 20.2 30.4

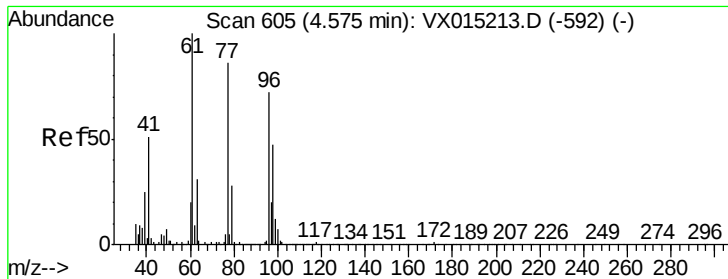


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 4.653 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

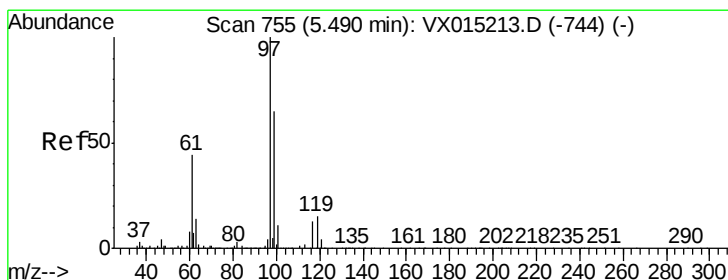
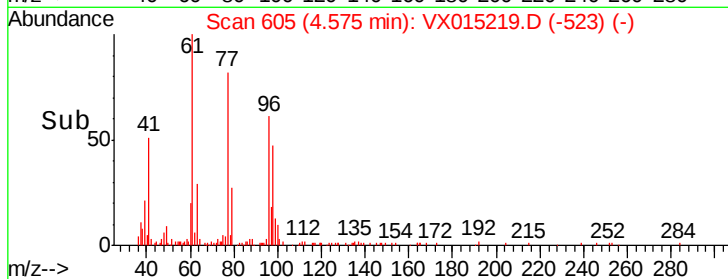
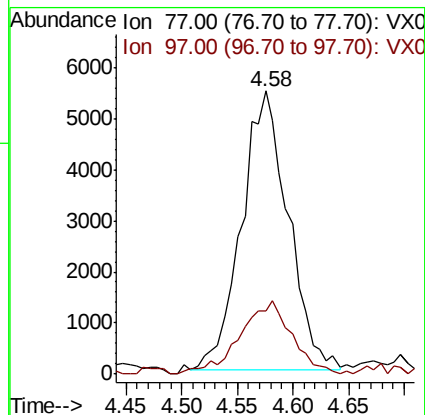
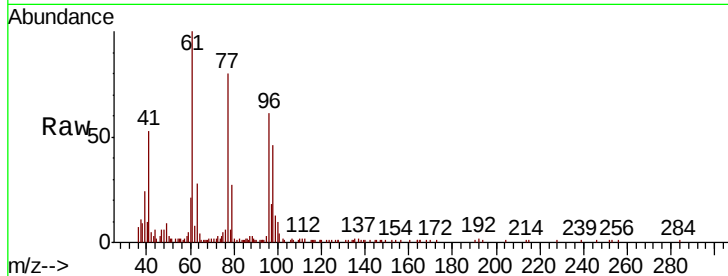
LOQ-WATER-02-QT1-2020

Tot Ion: 77 Resp: 15923

Ion Ratio Lower Upper

77 100

97 26.7 19.4 29.2



#32

1,1,1-Trichloroethane

Concen: 5.295 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

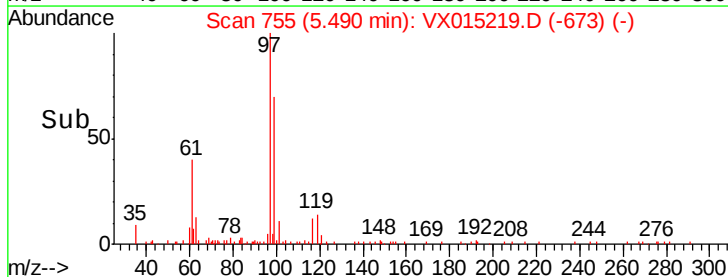
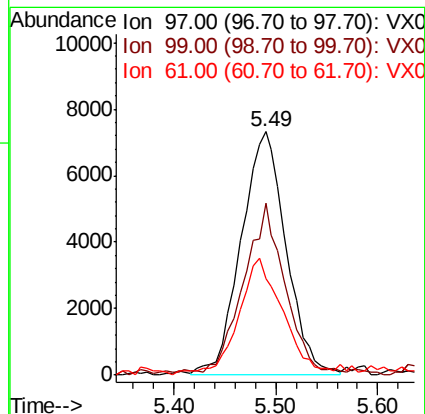
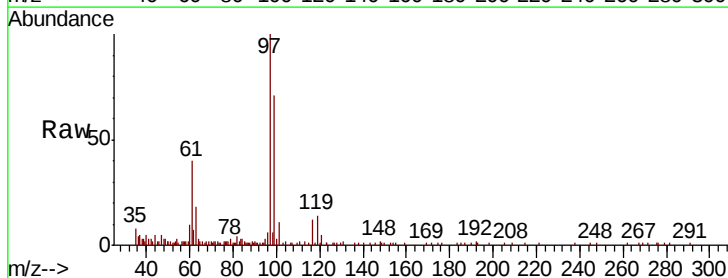
Tgt Ion: 97 Resp: 22179

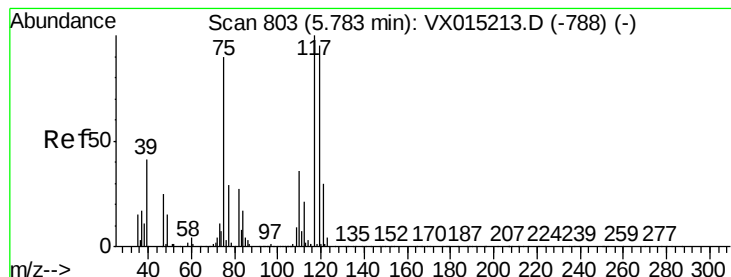
Ion Ratio Lower Upper

97 100

99 63.6 51.8 77.6

61 46.0 36.1 54.1





#33

Carbon Tetrachloride

Concen: 5.280 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

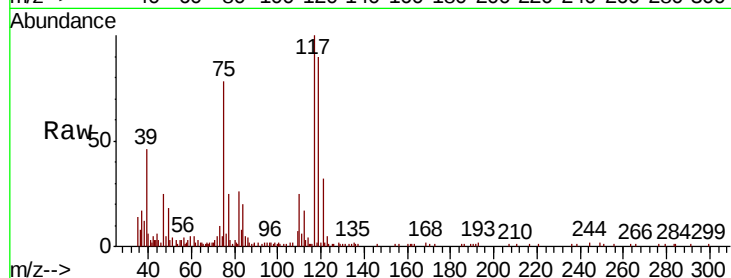
Tot Ion:117 Resp: 19201

Ion Ratio Lower Upper

117 100

119 90.2 76.2 114.2

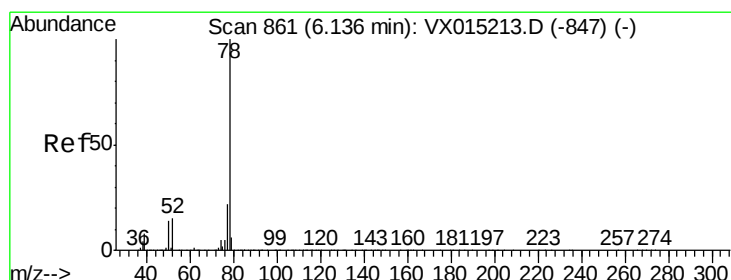
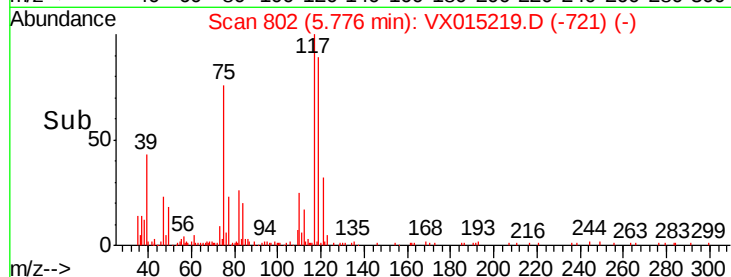
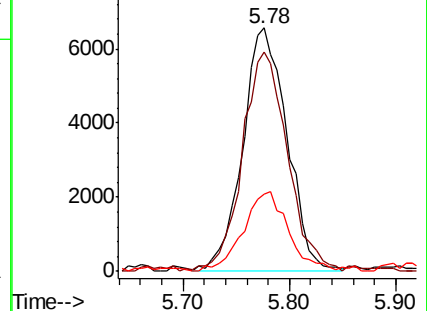
121 31.8 24.2 36.4



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: 5.407 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

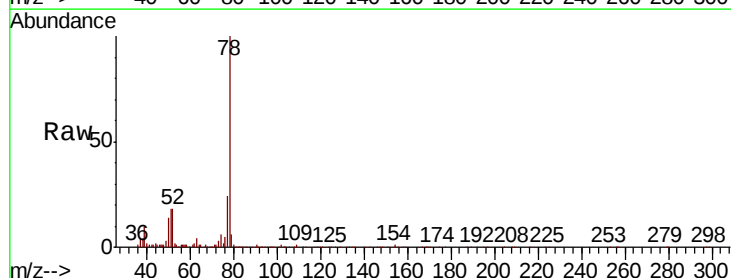
Tgt Ion: 78 Resp: 64409

Ion Ratio Lower Upper

78 100

77 23.8 17.9 26.9

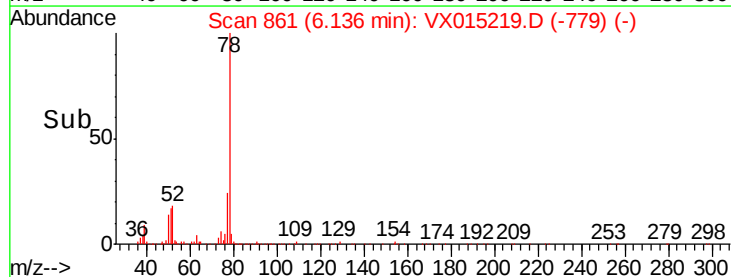
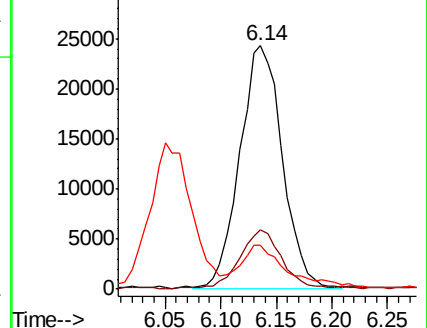
51 16.4 13.4 20.0

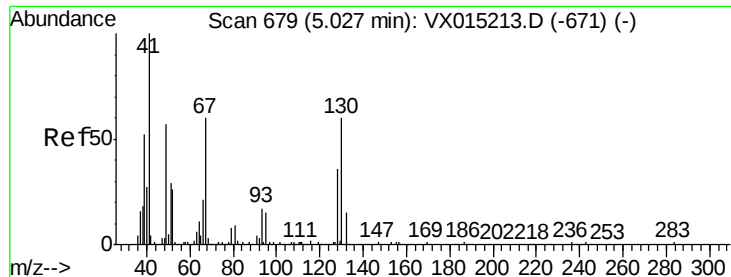


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

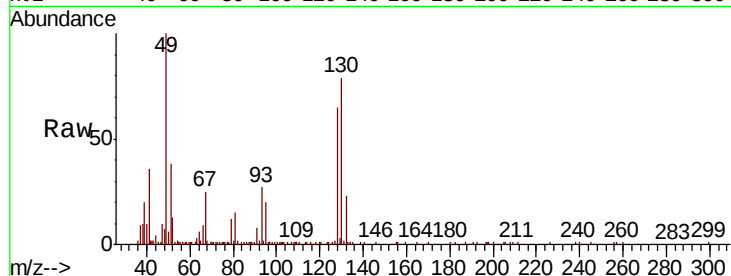




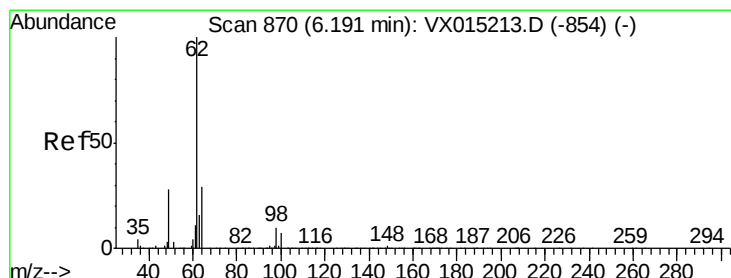
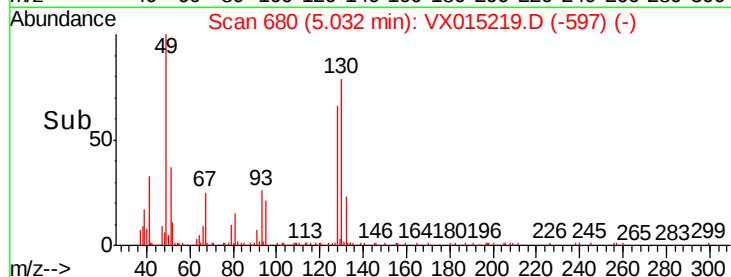
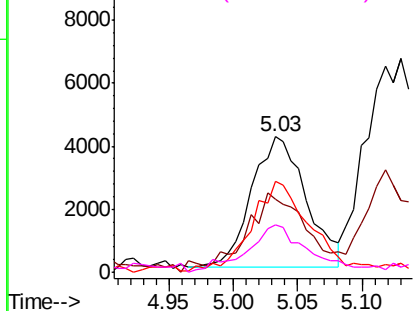
#35
Methacrylonitrile
Concen: 5.270 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

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

Tot Ion:	41	Resp:	12144
Ion	Ratio	Lower	Upper
41	100		
39	47.3	25.9	77.6
67	68.9	29.4	88.2
52	33.1	12.8	38.3

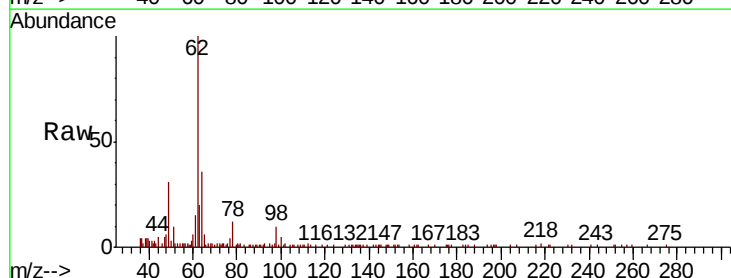


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

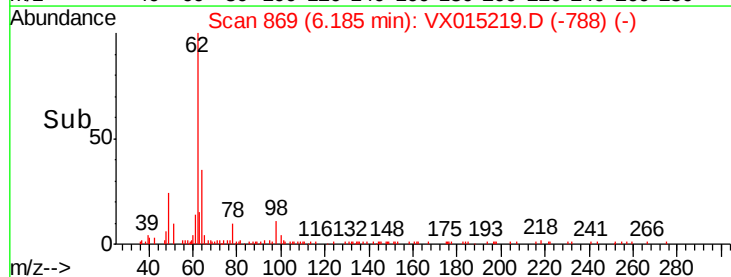
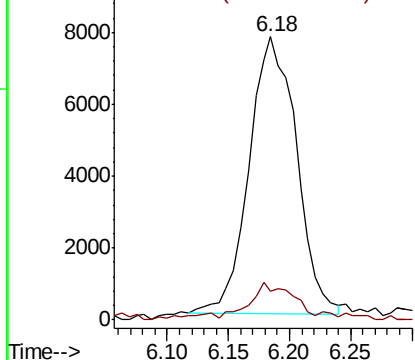


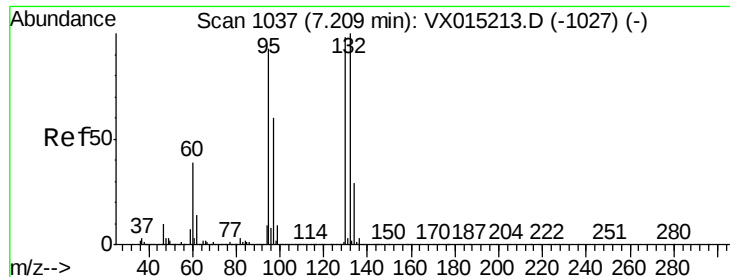
#36
1,2-Dichloroethane
Concen: 5.268 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.01 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

Tgt Ion:	62	Resp:	20844
Ion	Ratio	Lower	Upper
62	100		
98	5.6	8.6	13.0#



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

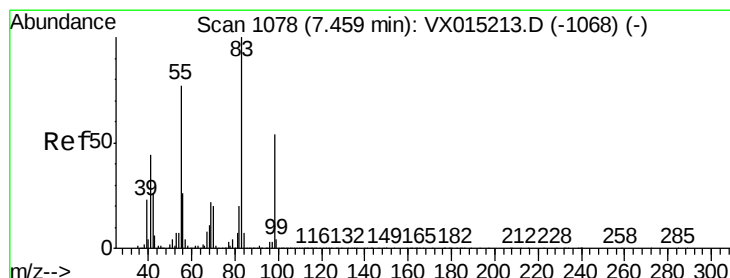
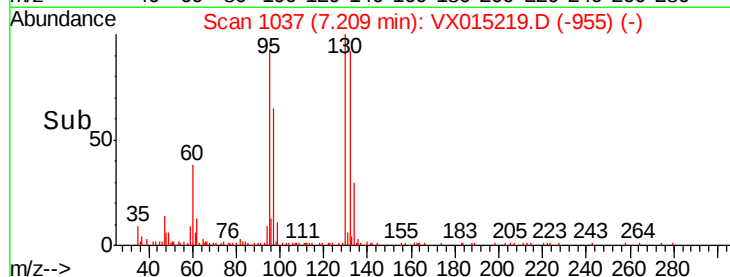
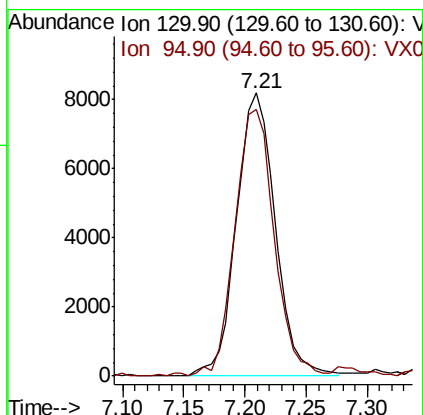
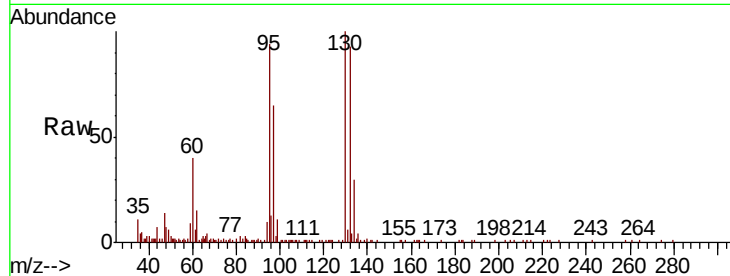




#37
 Trichloroethene
 Concen: 5.443 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX015219.D
 Acq: 11 Mar 2020 23:41

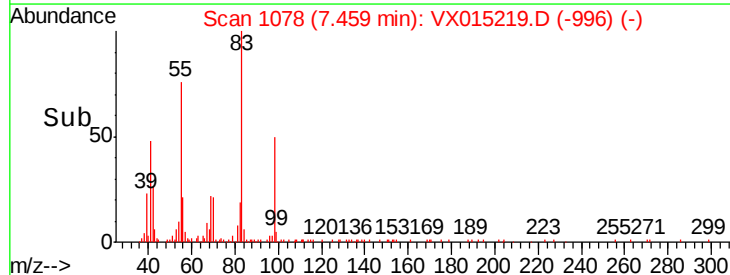
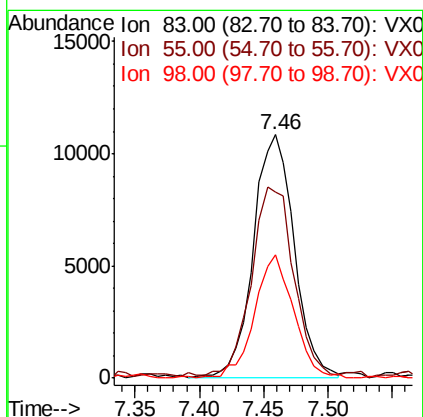
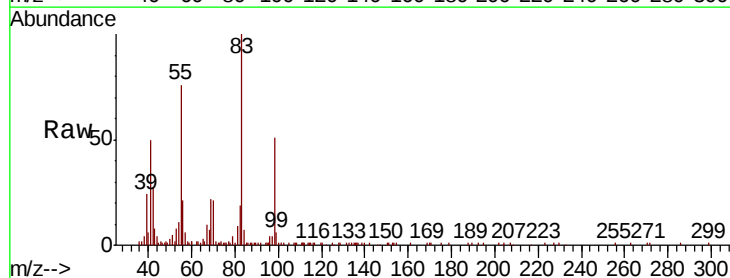
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

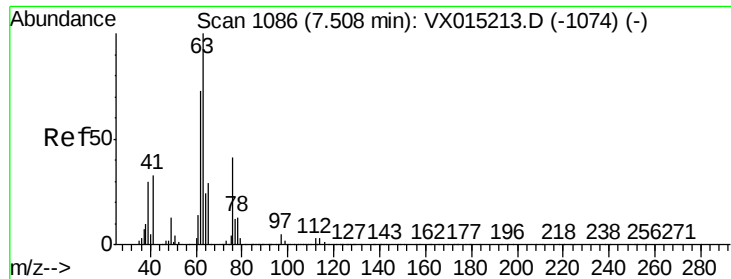
Tot Ion:130 Resp: 18113
 Ion Ratio Lower Upper
 130 100
 95 92.6 75.4 113.2



#38
 Methylcyclohexane
 Concen: 5.211 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX015219.D
 Acq: 11 Mar 2020 23:41

Tgt Ion: 83 Resp: 23883
 Ion Ratio Lower Upper
 83 100
 55 81.1 39.9 119.6
 98 48.2 24.8 74.3





#39

1,2-Dichloropropane

Concen: 5.385 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

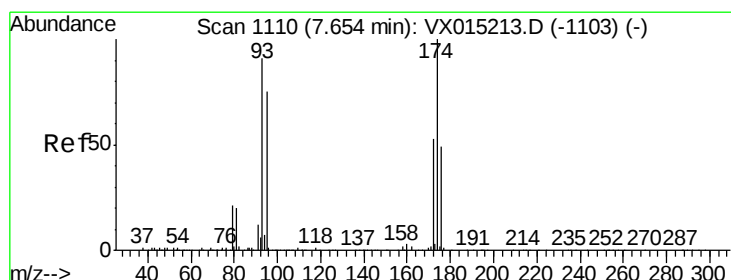
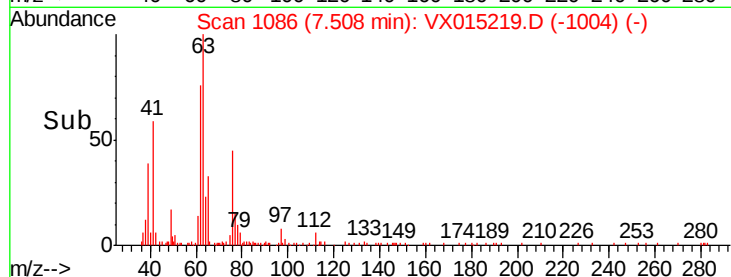
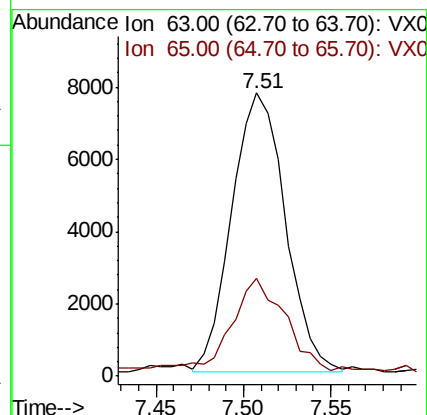
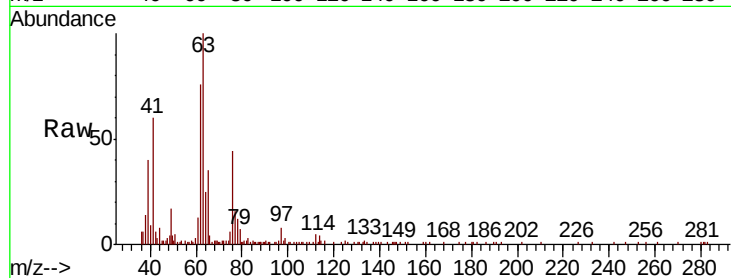
LOQ-WATER-02-QT1-2020

Tot Ion: 63 Resp: 16506

Ion Ratio Lower Upper

63 100

65 32.1 23.8 35.8



#40

Dibromomethane

Concen: 5.337 ug/l

RT: 7.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

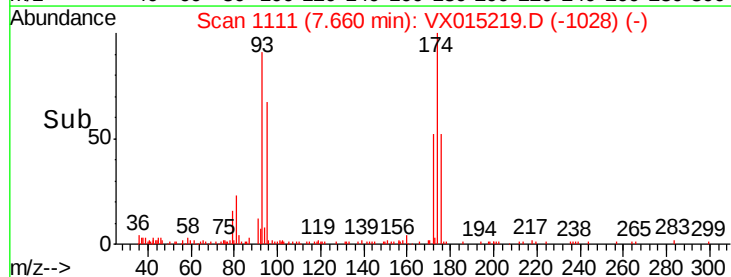
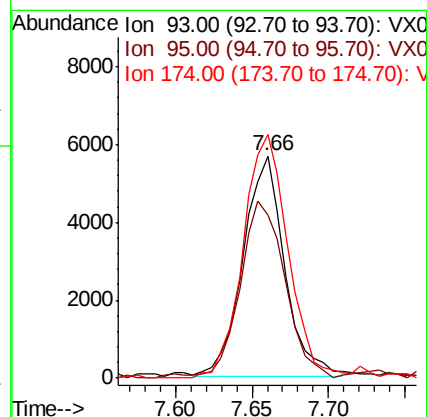
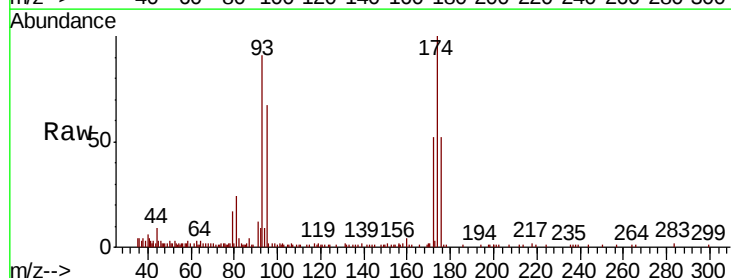
Tgt Ion: 93 Resp: 10631

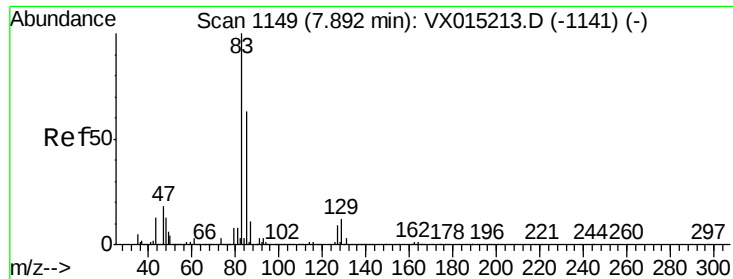
Ion Ratio Lower Upper

93 100

95 87.1 0.0 159.6

174 120.3 0.0 225.2





#41

Bromodichloromethane

Concen: 5.053 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

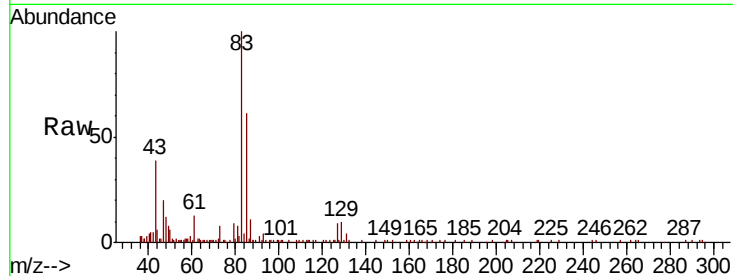
Tot Ion: 83 Resp: 19229

Ion Ratio Lower Upper

83 100

85 60.1 50.0 75.0

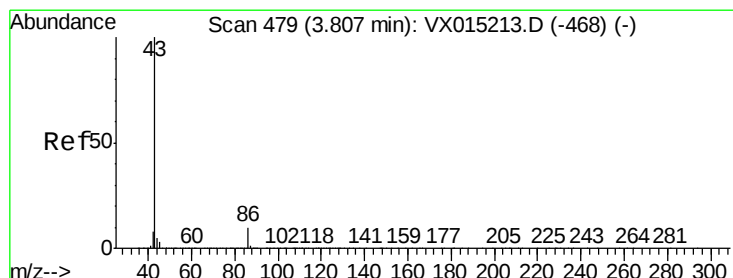
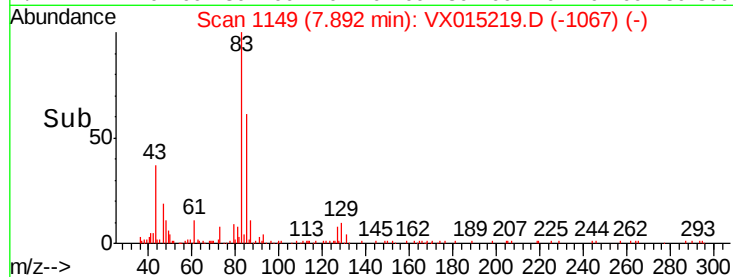
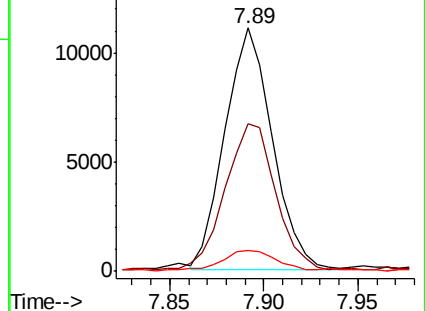
127 9.4 7.1 10.7



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: 24.210 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015219.D

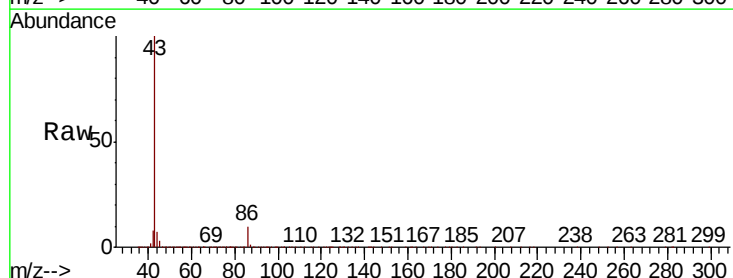
Acq: 11 Mar 2020 23:41

Tgt Ion: 43 Resp: 198508

Ion Ratio Lower Upper

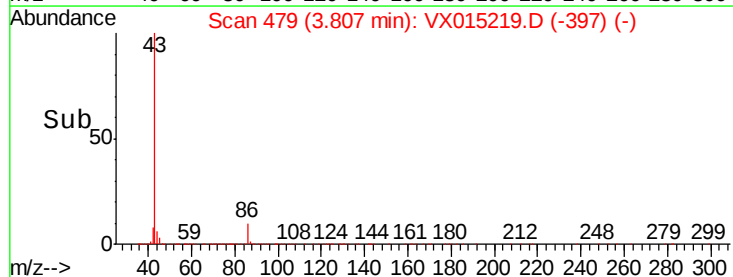
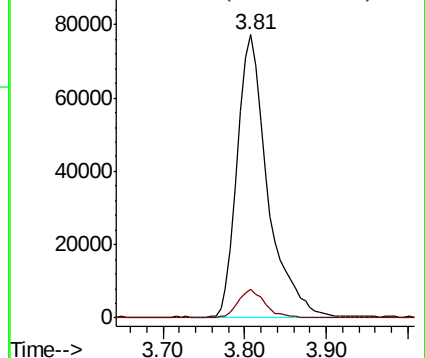
43 100

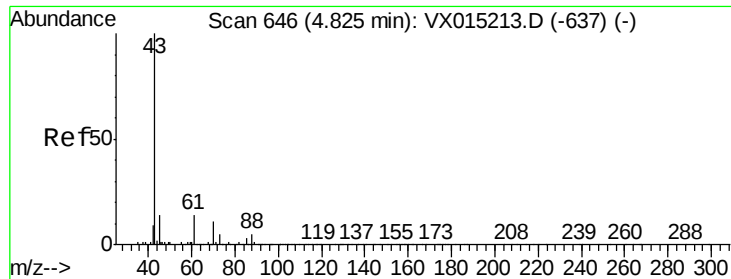
86 8.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

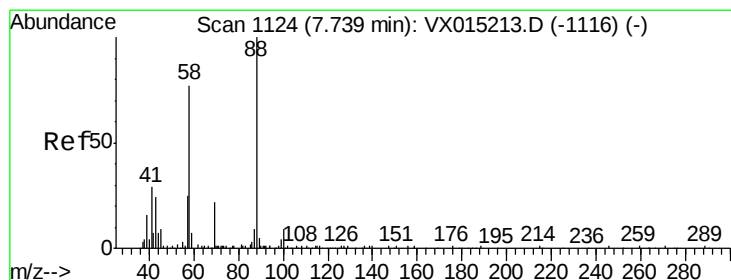
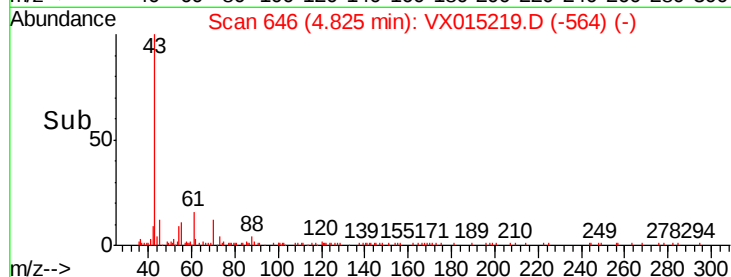
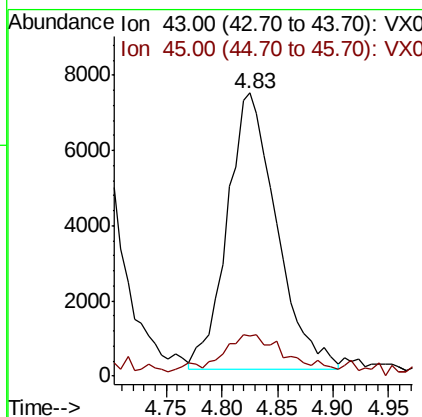
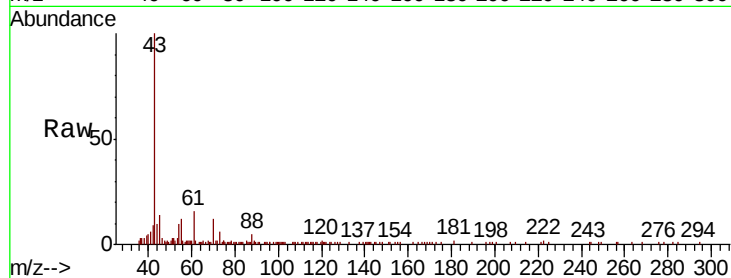




#43
Ethyl Acetate
Concen: 5.403 ug/l
RT: 4.83 min Scan# 646
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

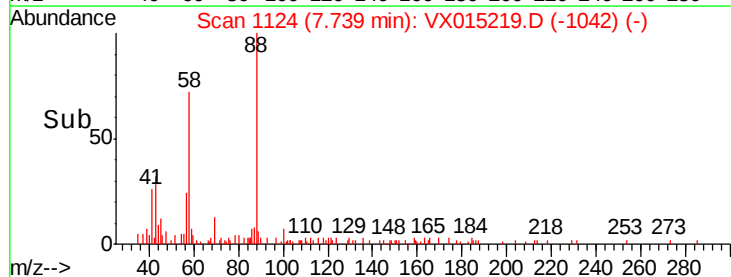
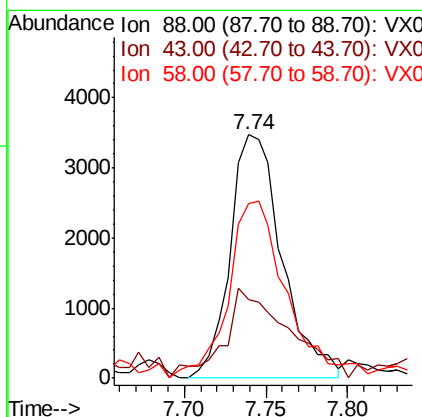
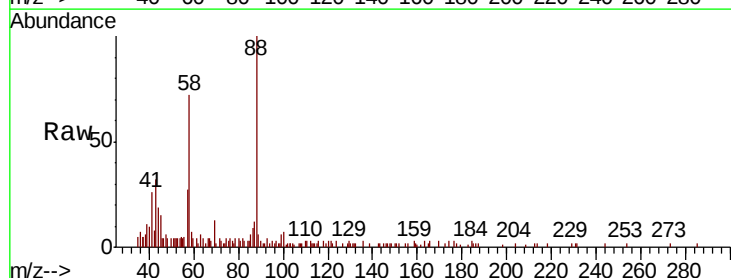
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

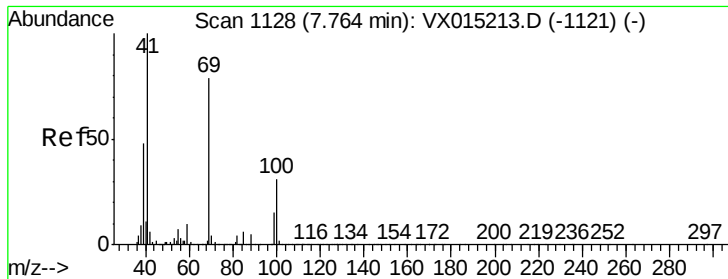
Tot Ion: 43 Resp: 22695
Ion Ratio Lower Upper
43 100
45 9.9 0.1 0.1#



#45
1,4-Dioxane
Concen: 107.392 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

Tgt Ion: 88 Resp: 7667
Ion Ratio Lower Upper
88 100
43 44.5 24.8 37.2#
58 79.2 59.7 89.5

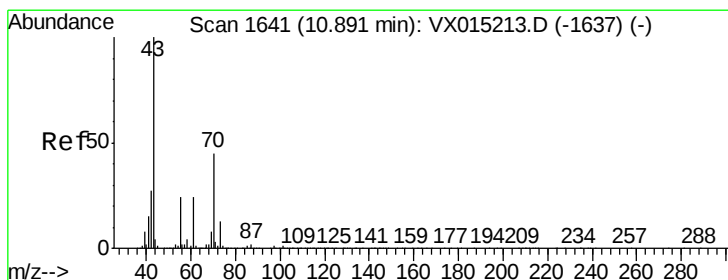
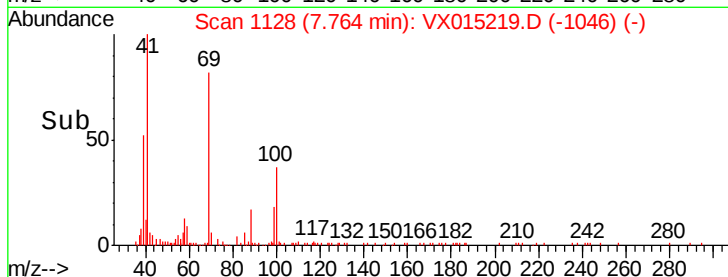
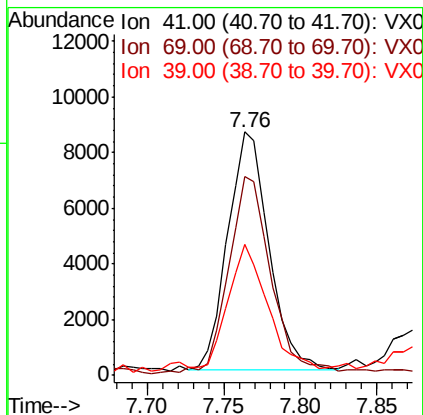
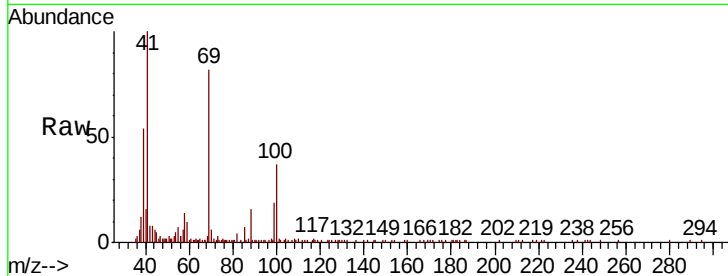




#46
Methyl methacrylate
Concen: 4.764 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

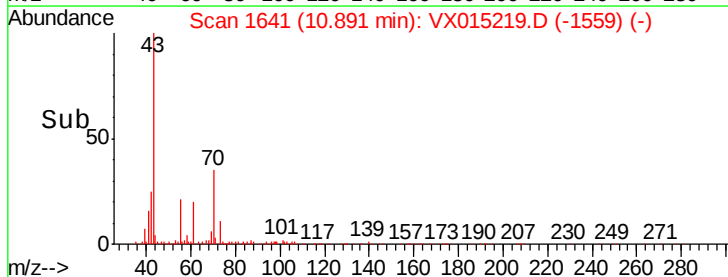
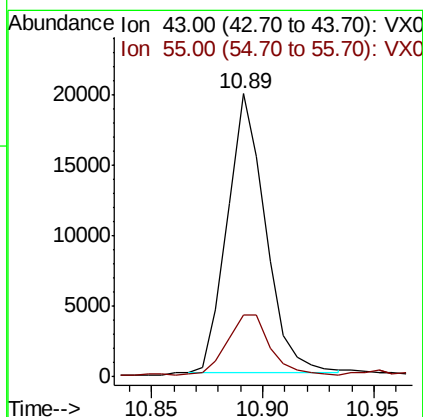
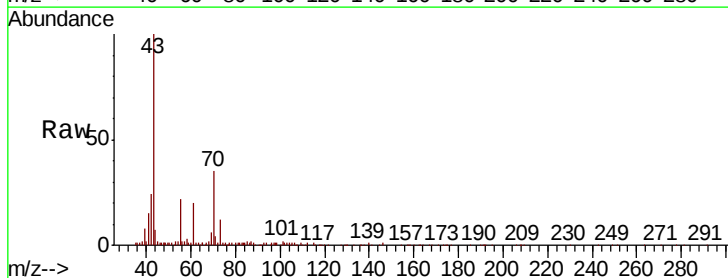
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

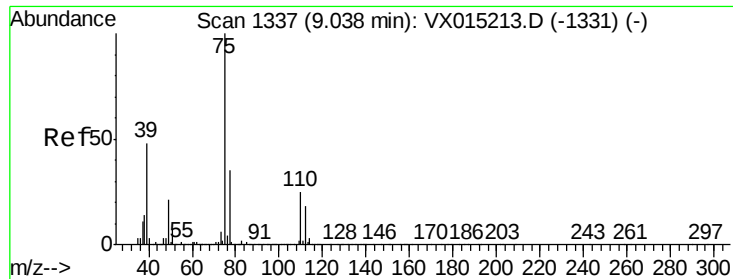
Tot Ion: 41 Resp: 15975
Ion Ratio Lower Upper
41 100
69 82.0 39.6 118.7
39 51.4 23.5 70.6



#47
n-ethyl acetate
Concen: 4.092 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

Tgt Ion: 43 Resp: 23490
Ion Ratio Lower Upper
43 100
55 25.7 20.2 30.2

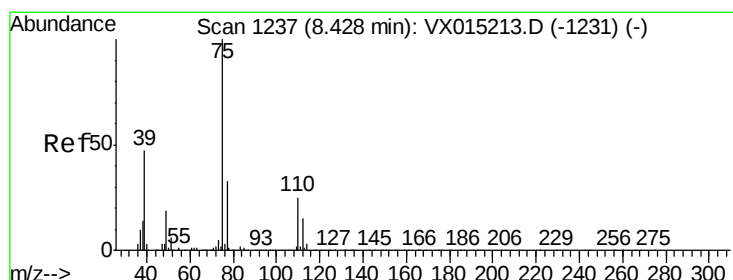
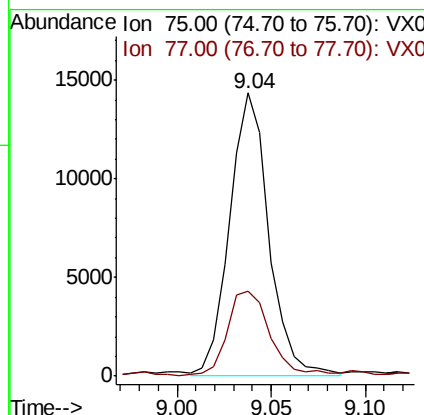
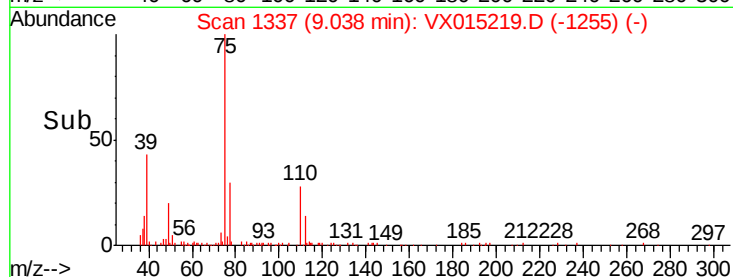
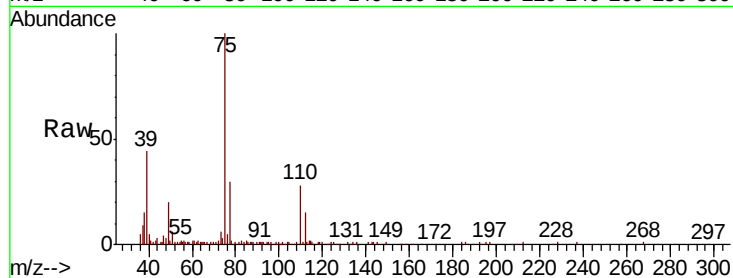




#48
t-1,3-Dichloropropene
Concen: 5.026 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

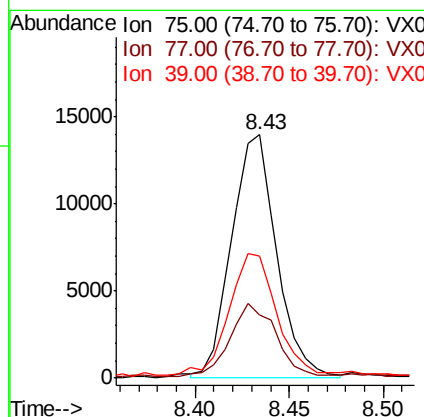
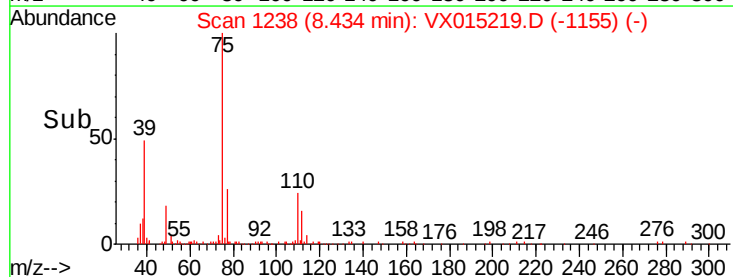
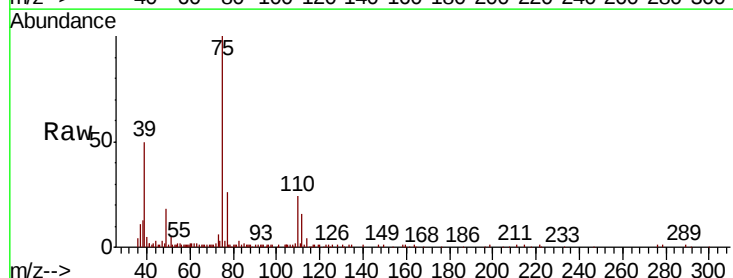
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

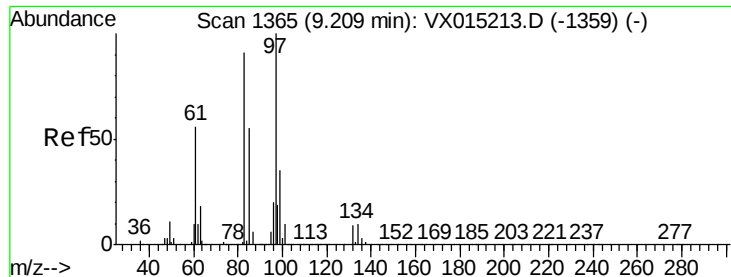
Tot Ion: 75 Resp: 20767
Ion Ratio Lower Upper
75 100
77 29.4 27.7 41.5



#49
cis-1,3-Dichloropropene
Concen: 4.935 ug/l
RT: 8.43 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

Tgt Ion: 75 Resp: 23111
Ion Ratio Lower Upper
75 100
77 25.1 26.5 39.7#
39 48.4 37.4 56.2

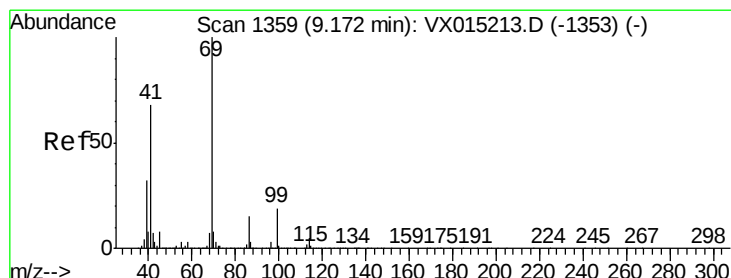
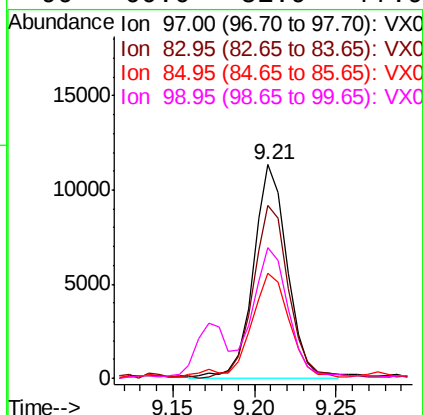
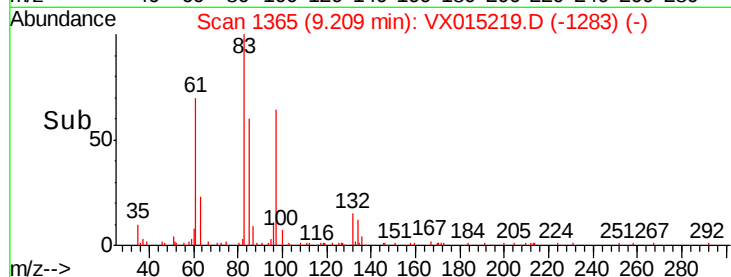
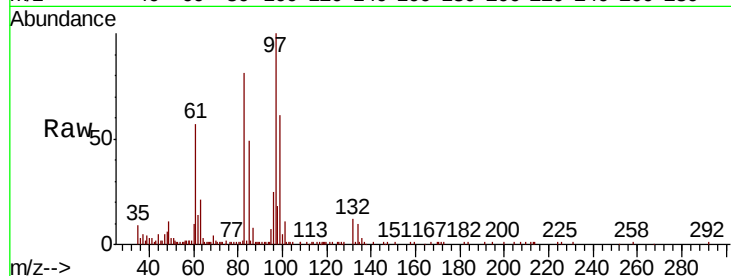




#50
 1,1,2-Trichloroethane
 Concen: 5.559 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015219.D
 Acq: 11 Mar 2020 23:41

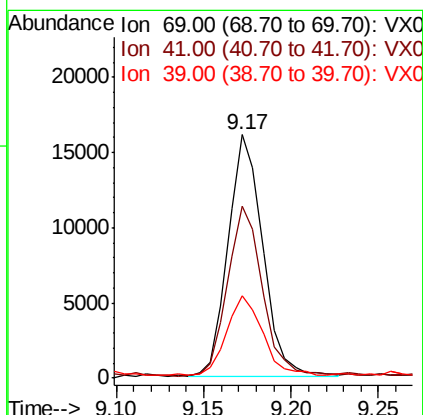
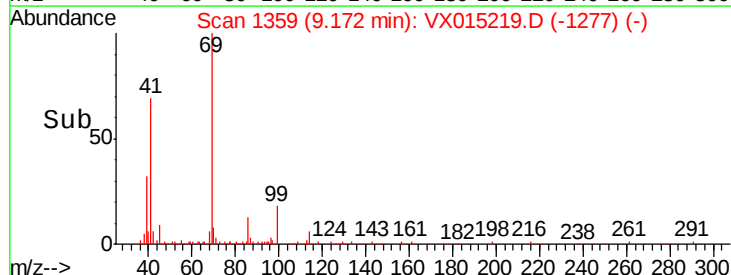
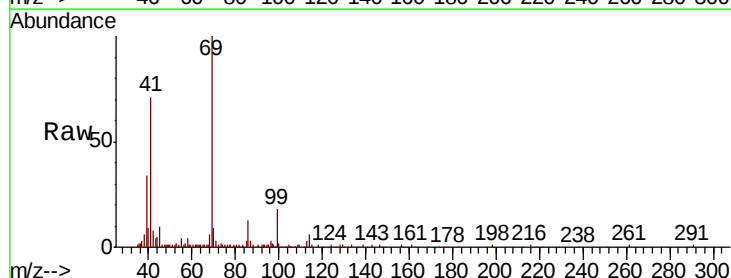
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

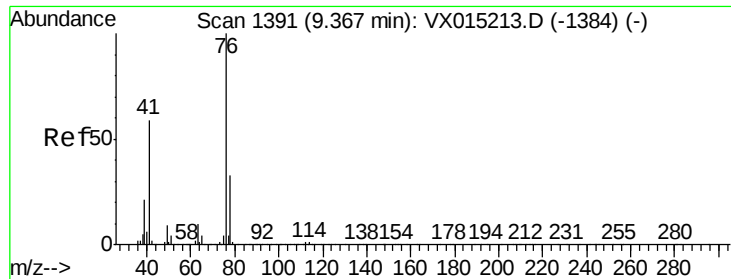
Tot Ion:	97	Resp:	16488
Ion	Ratio	Lower	Upper
97	100		
83	80.4	72.4	108.6
85	49.0	46.6	69.8
99	60.0	51.9	77.9



#51
 Ethyl methacrylate
 Concen: 4.920 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015219.D
 Acq: 11 Mar 2020 23:41

Tgt Ion:	69	Resp:	22416
Ion	Ratio	Lower	Upper
69	100		
41	69.7	33.8	101.3
39	33.0	16.1	48.2





#52

1,3-Dichloropropane

Concen: 5.517 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

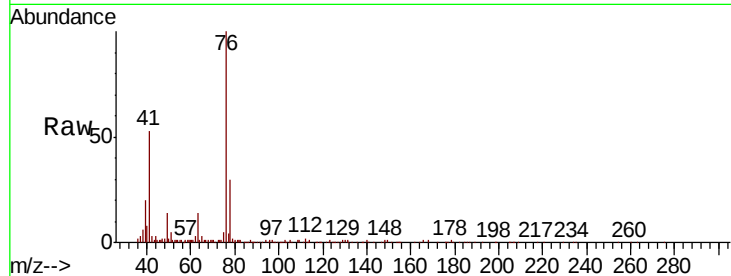
LOQ-WATER-02-QT1-2020

Tot Ion: 76 Resp: 27706

Ion Ratio Lower Upper

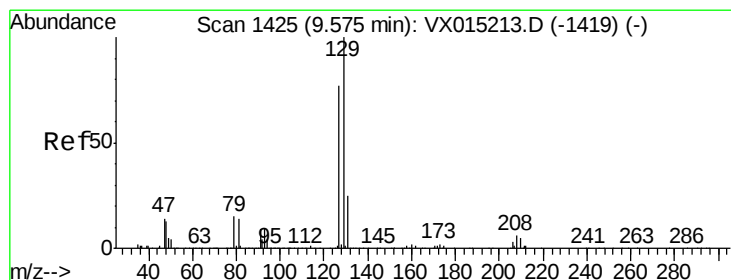
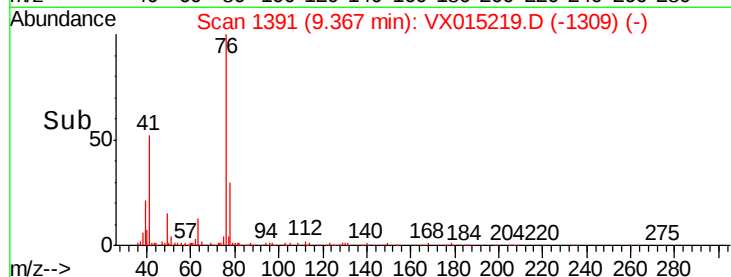
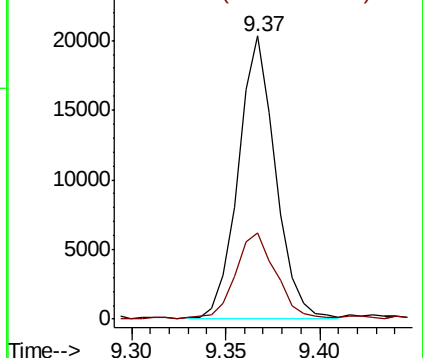
76 100

78 32.7 0.0 65.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0



#53

Dibromochloromethane

Concen: 4.851 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015219.D

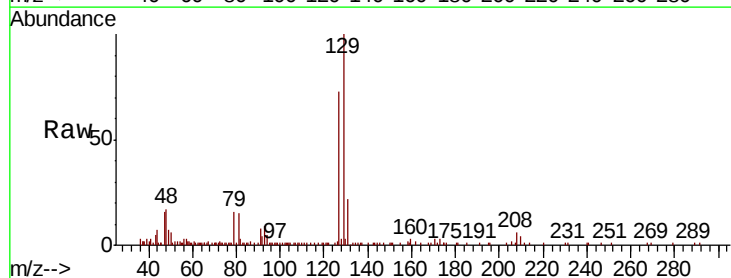
Acq: 11 Mar 2020 23:41

Tgt Ion: 129 Resp: 15171

Ion Ratio Lower Upper

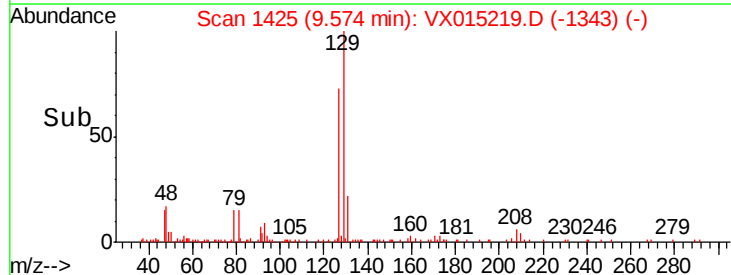
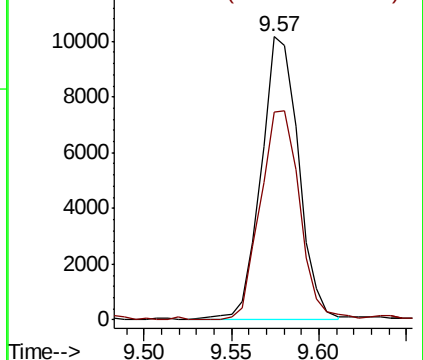
129 100

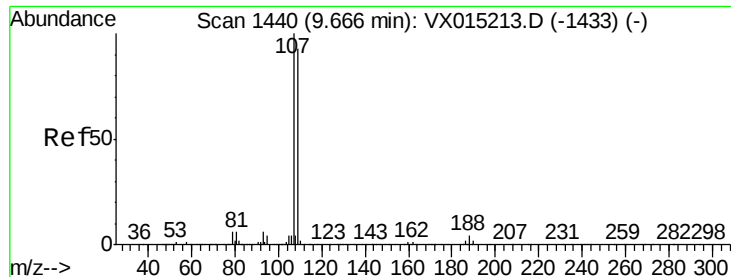
127 77.5 38.6 115.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#54

1,2-Dibromoethane

Concen: 5.599 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

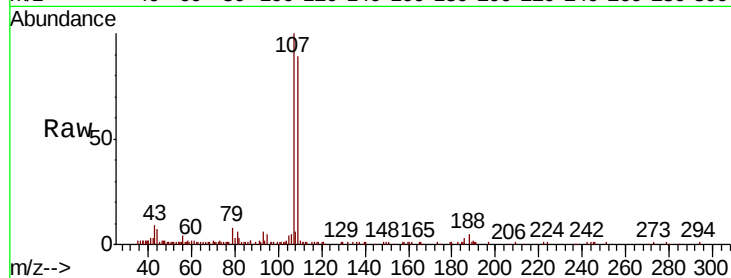
LOQ-WATER-02-QT1-2020

Tot Ion:107 Resp: 17234

Ion Ratio Lower Upper

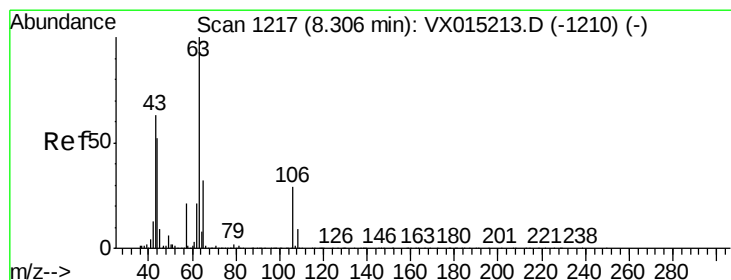
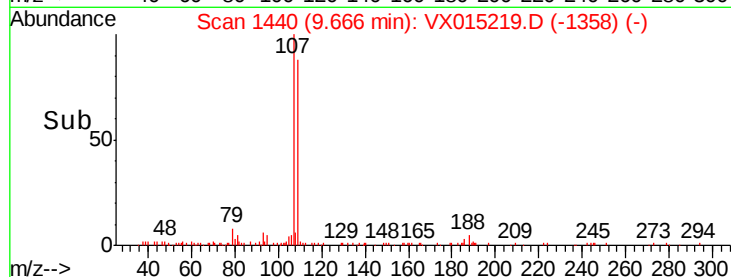
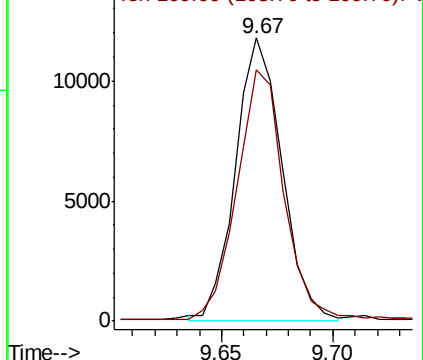
107 100

109 88.6 75.4 113.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#55

2-Chloroethyl vinyl ether

Concen: 23.564 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

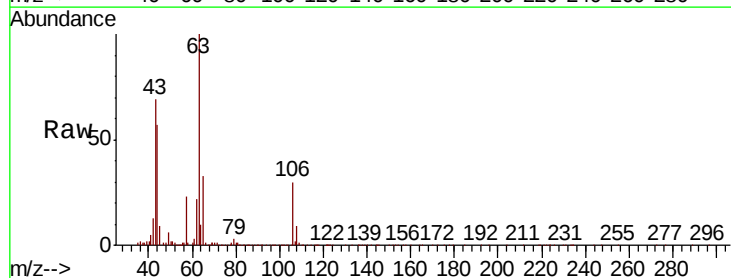
Tgt Ion: 63 Resp: 55044

Ion Ratio Lower Upper

63 100

65 34.8 25.9 38.9

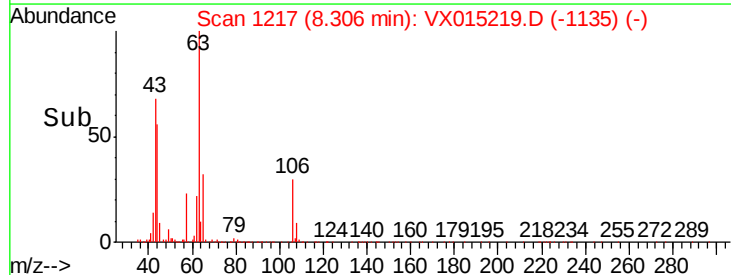
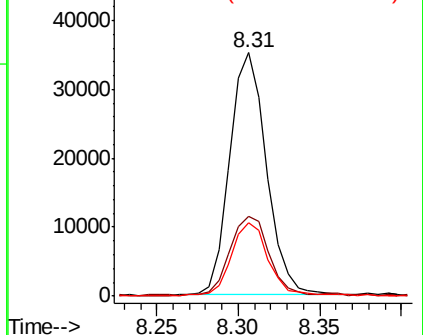
106 29.5 23.1 34.7

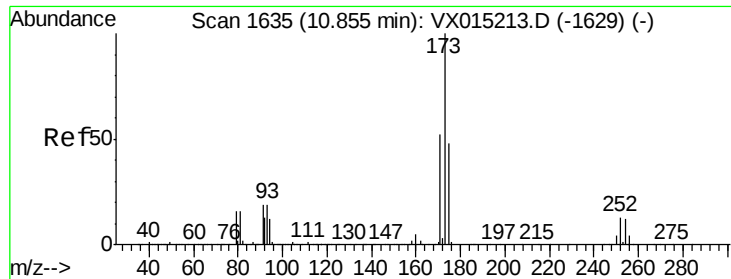


Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V





#56

Bromoform

Concen: 4.792 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

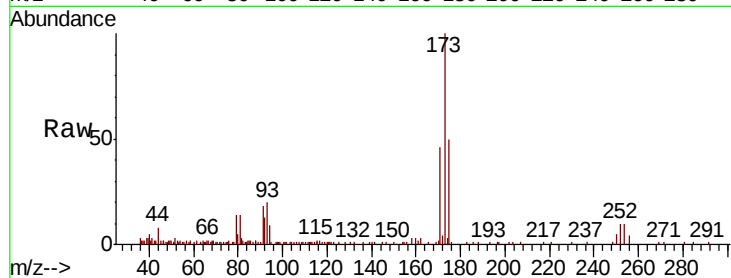
Tot Ion:173 Resp: 11393

Ion Ratio Lower Upper

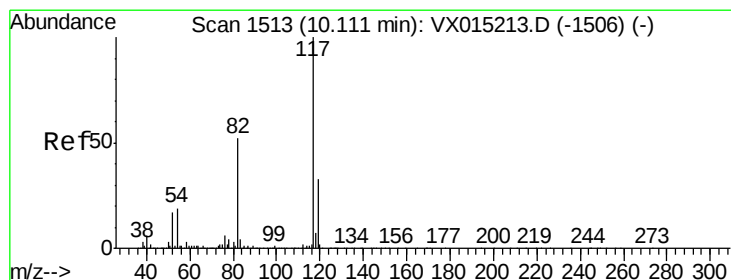
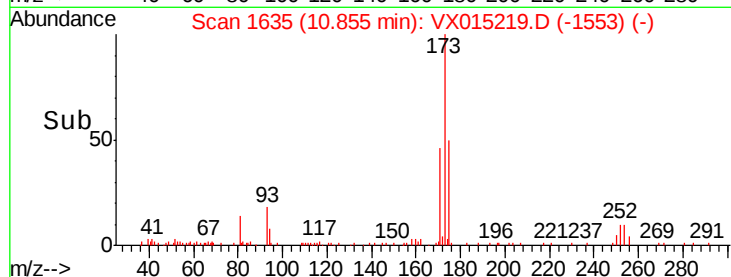
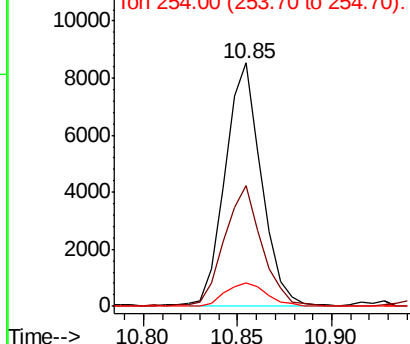
173 100

175 50.9 40.0 60.0

254 10.9 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: VX015219.D

Acq: 11 Mar 2020 23:41

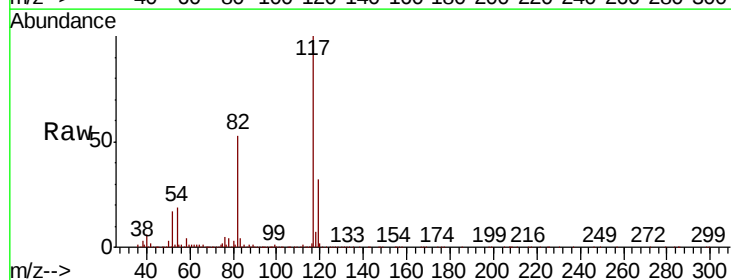
Tgt Ion:117 Resp: 240413

Ion Ratio Lower Upper

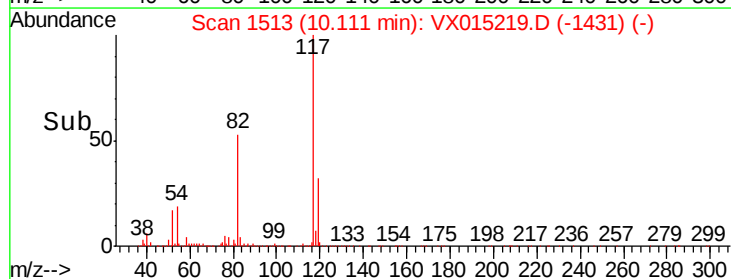
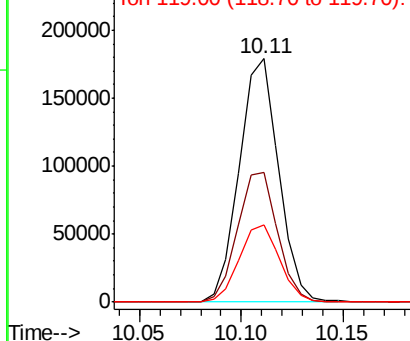
117 100

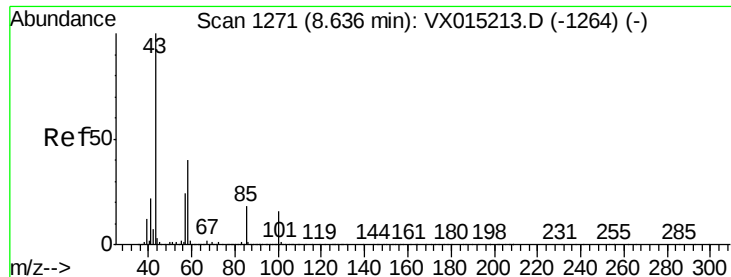
82 54.1 43.6 65.4

119 32.2 25.9 38.9



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

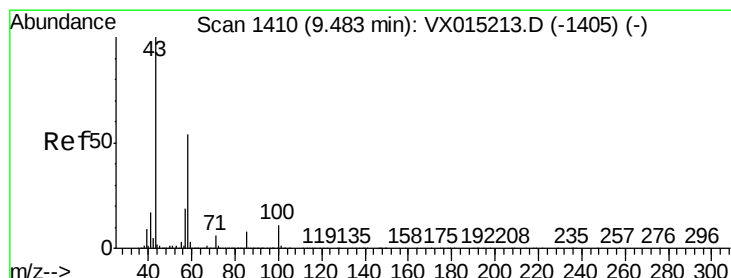
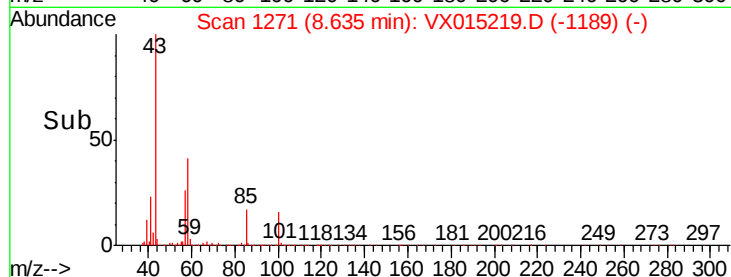
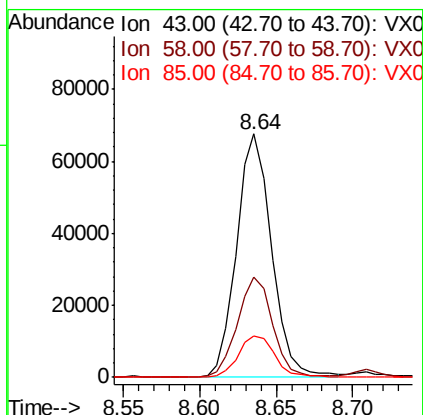
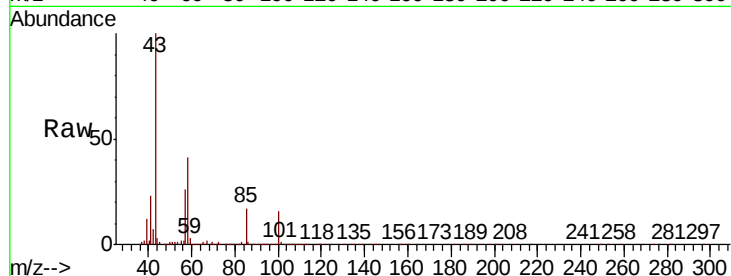




#58
 4-Methyl-2-Pentanone
 Concen: 25.659 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX015219.D
 Acq: 11 Mar 2020 23:41

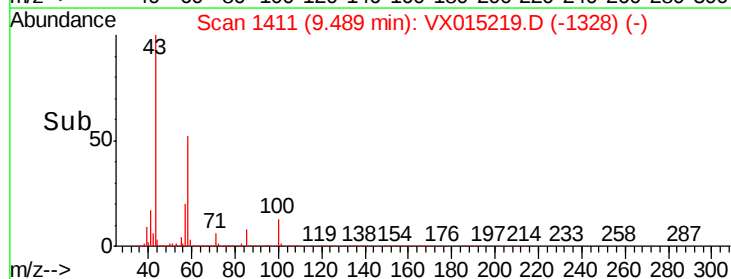
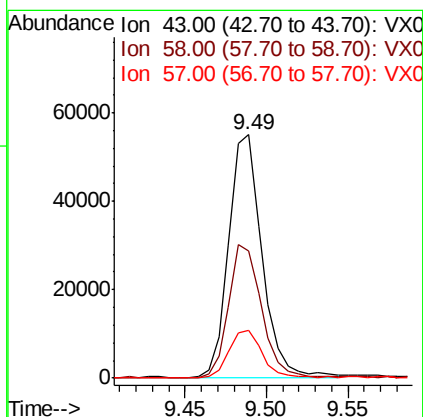
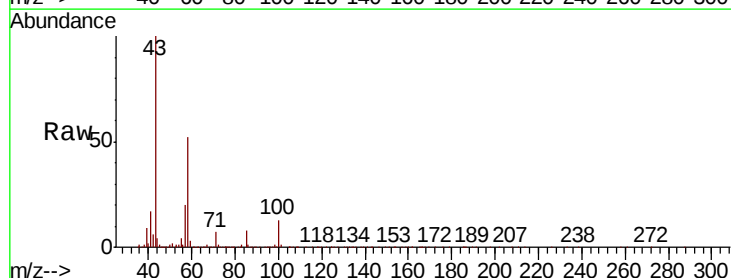
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

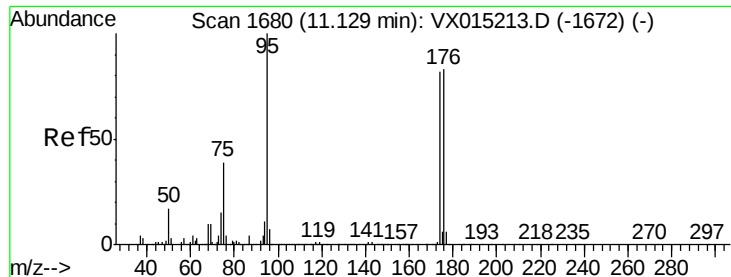
Tot Ion	Ratio	Lower	Upper
43	100		
58	41.4	31.8	47.8
85	18.1	13.8	20.6



#59
 2-Hexanone
 Concen: 25.163 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX015219.D
 Acq: 11 Mar 2020 23:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	53.2	44.2	66.4
57	19.3	15.0	22.4

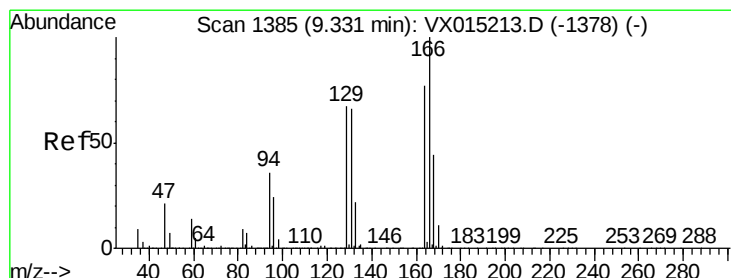
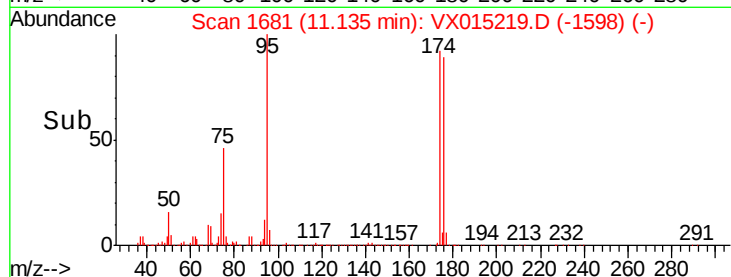
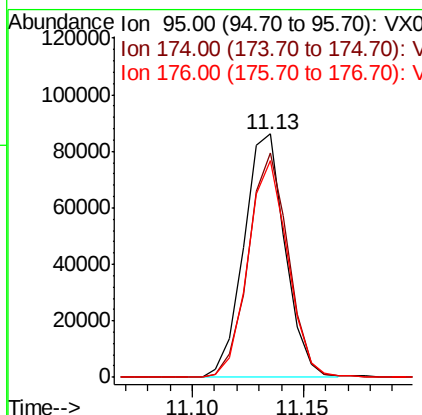
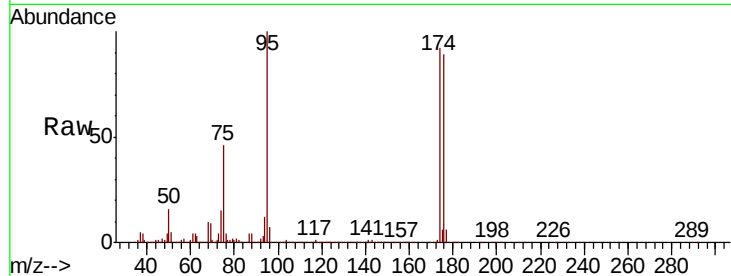




#60
4-Bromofluorobenzene
Concen: 29.504 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

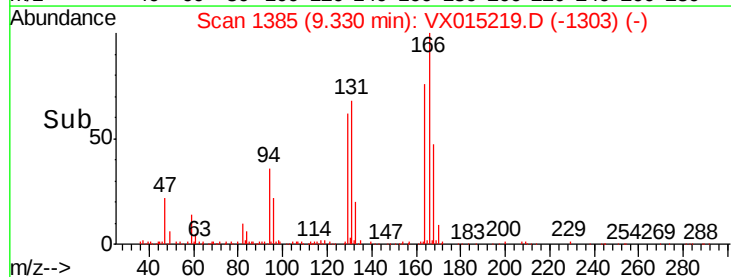
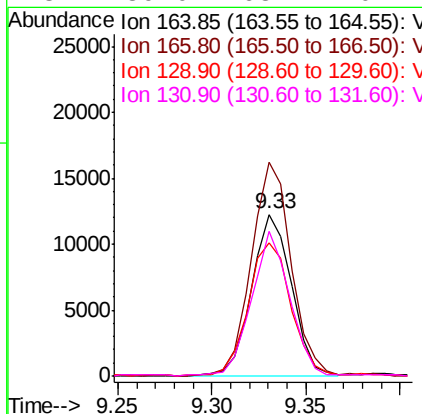
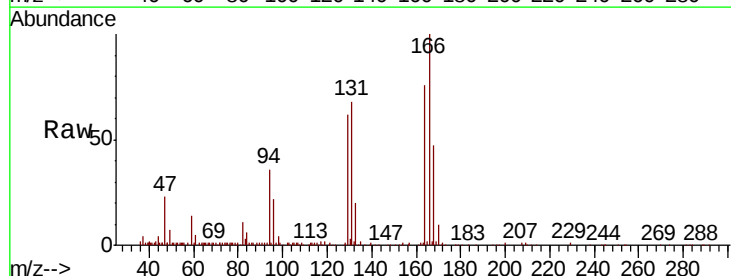
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

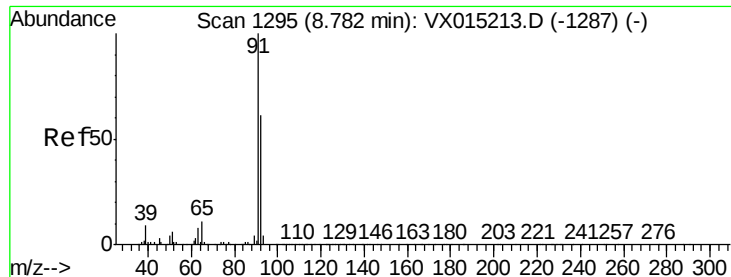
Tot Ion: 95 Resp: 111527
Ion Ratio Lower Upper
95 100
174 88.7 71.9 107.9
176 86.5 71.1 106.7



#61
Tetrachloroethene
Concen: 5.407 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

Tgt Ion: 164 Resp: 17972
Ion Ratio Lower Upper
164 100
166 132.3 103.4 155.2
129 81.2 69.1 103.7
131 89.0 68.1 102.1





#62

Toluene

Concen: 5.280 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

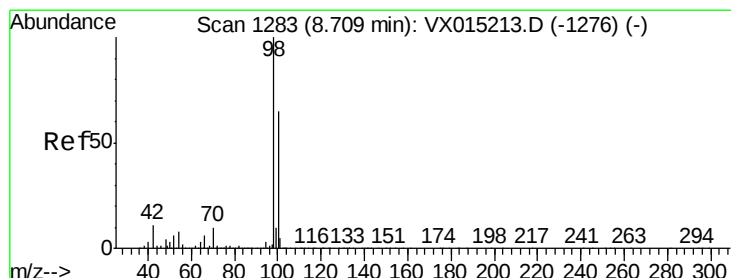
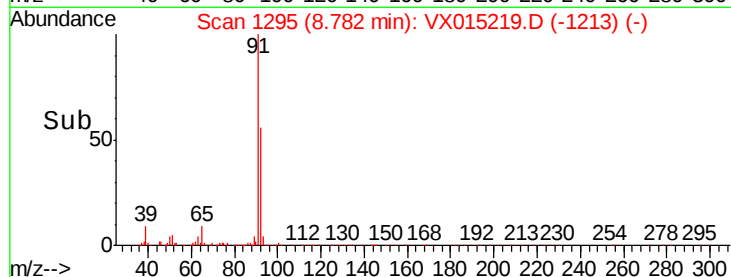
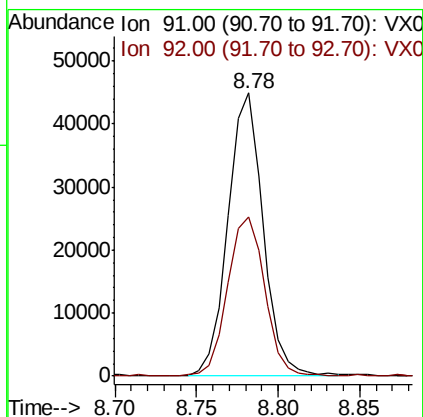
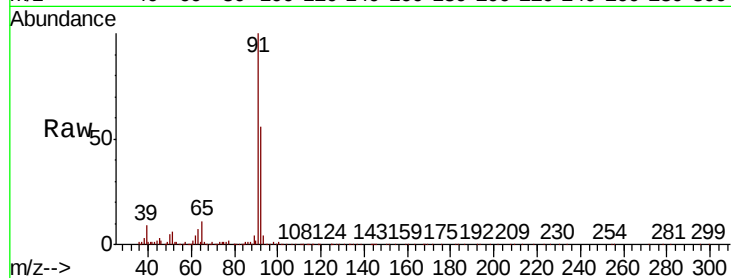
LOQ-WATER-02-QT1-2020

Tot Ion: 91 Resp: 66926

Ion Ratio Lower Upper

91 100

92 60.3 46.9 70.3



#63

Toluene-d8

Concen: 29.834 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015219.D

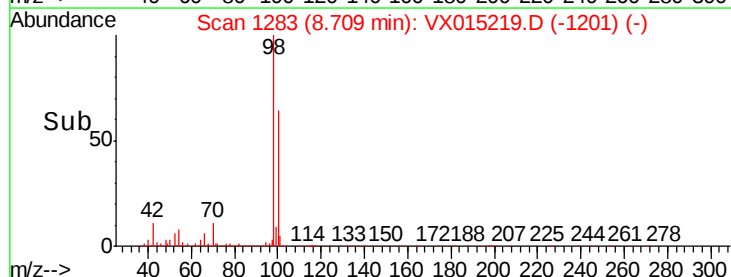
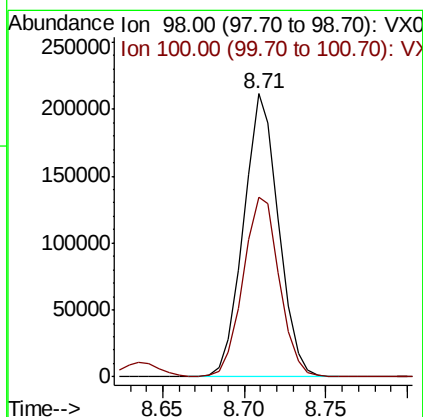
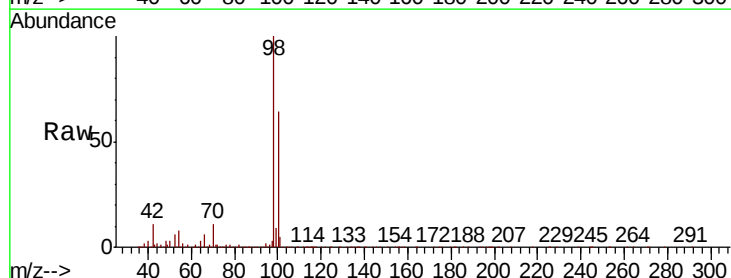
Acq: 11 Mar 2020 23:41

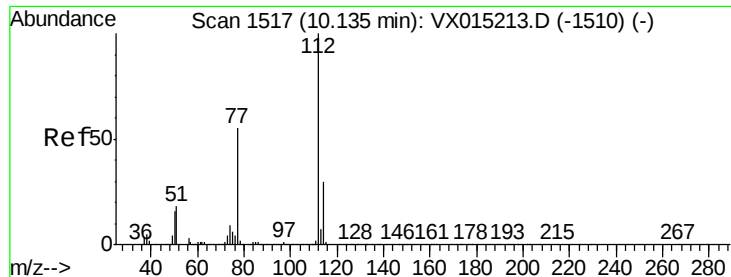
Tgt Ion: 98 Resp: 315511

Ion Ratio Lower Upper

98 100

100 66.2 53.3 79.9





#64

Chlorobenzene

Concen: 5.459 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

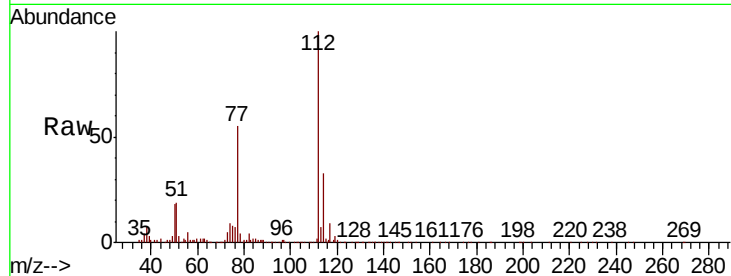
LOQ-WATER-02-QT1-2020

Tot Ion:112 Resp: 43242

Ion Ratio Lower Upper

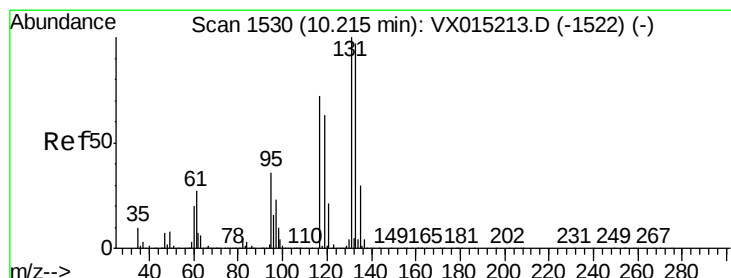
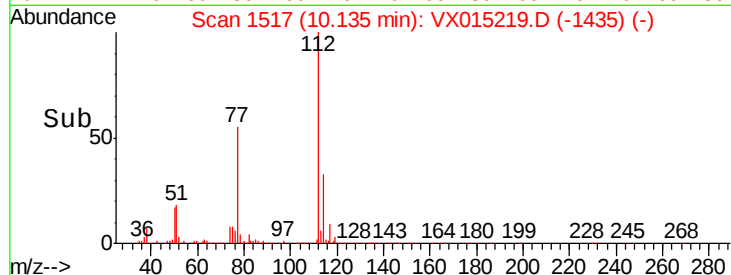
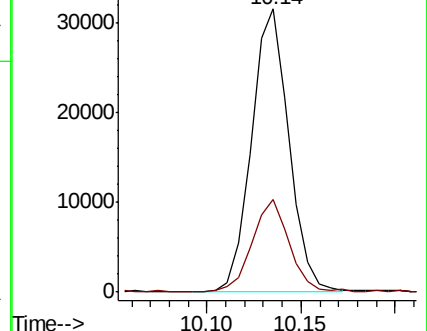
112 100

114 32.9 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#65

1,1,1,2-Tetrachloroethane

Concen: 5.089 ug/l

RT: 10.22 min Scan# 1531

Delta R.T. 0.01 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

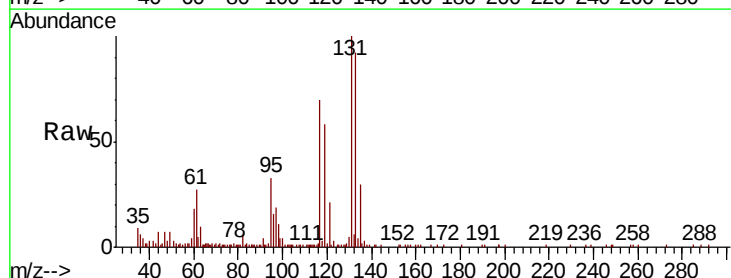
Tgt Ion:131 Resp: 14841

Ion Ratio Lower Upper

131 100

133 96.2 0.0 190.6

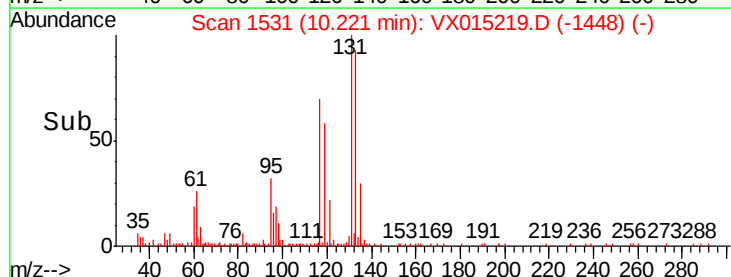
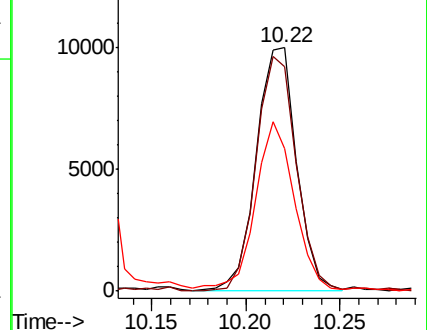
119 67.5 0.0 131.2

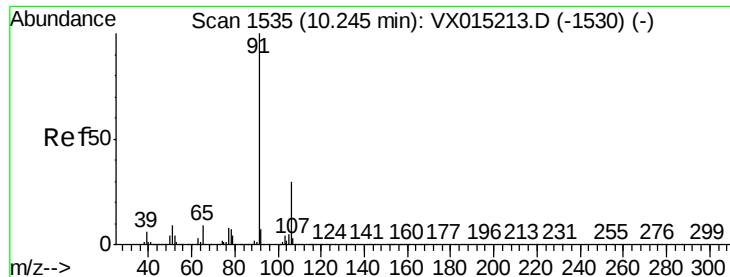


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#66

Ethyl Benzene

Concen: 5.134 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

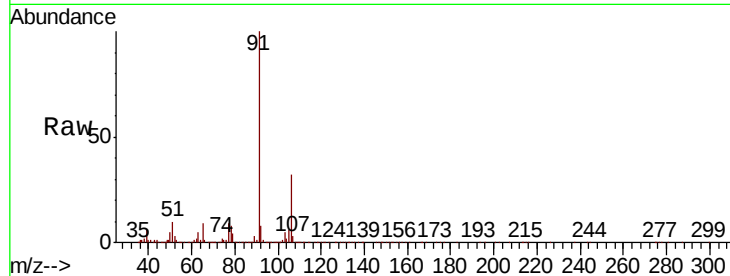
LOQ-WATER-02-QT1-2020

Tot Ion: 91 Resp: 70100

Ion Ratio Lower Upper

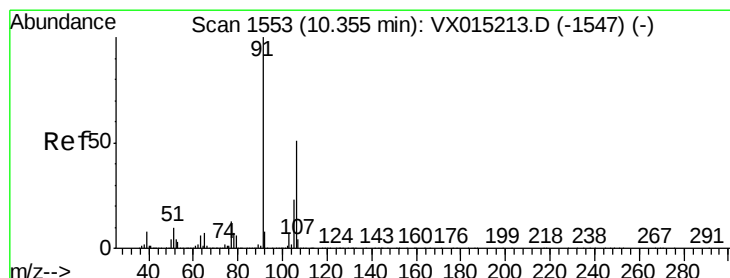
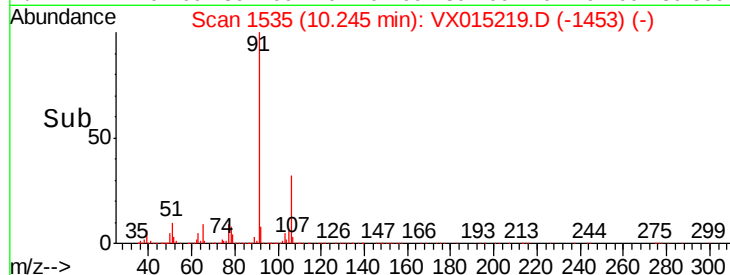
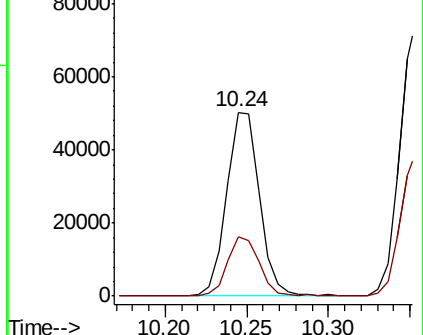
91 100

106 32.2 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VX015219.D

Ion 106.00 (105.70 to 106.70): VX015219.D



#67

m/p-Xylenes

Concen: 10.402 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015219.D

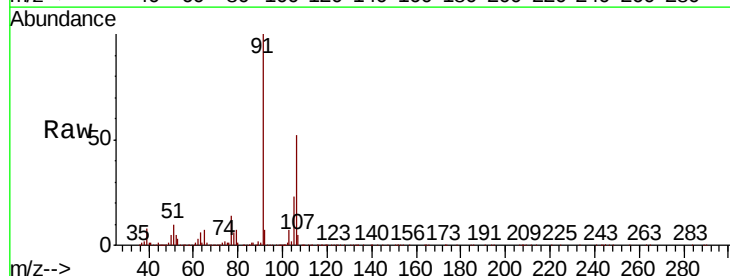
Acq: 11 Mar 2020 23:41

Tgt Ion: 106 Resp: 54454

Ion Ratio Lower Upper

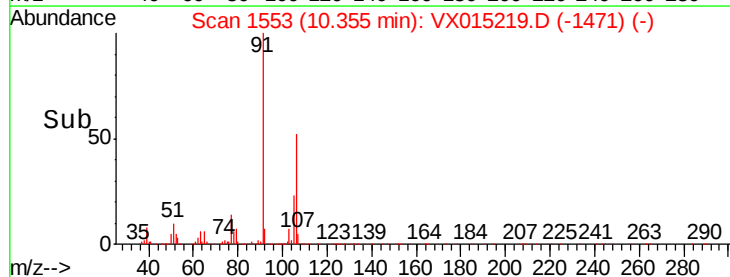
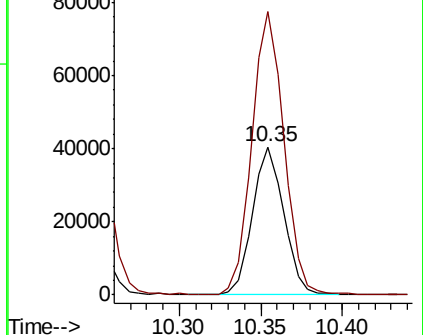
106 100

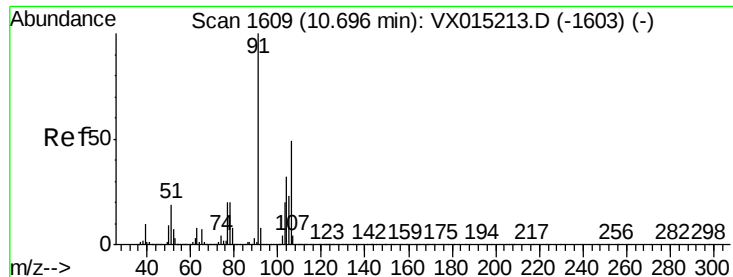
91 195.5 158.2 237.2



Abundance Ion 106.00 (105.70 to 106.70): VX015219.D

Ion 91.00 (90.70 to 91.70): VX015219.D

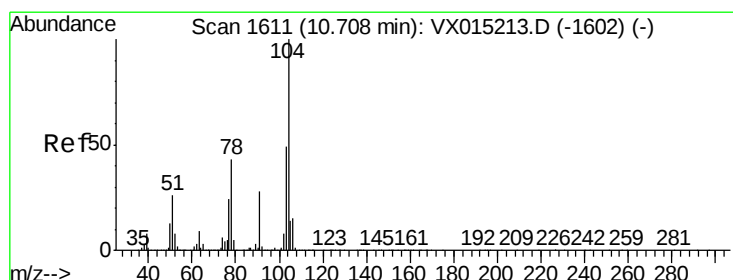
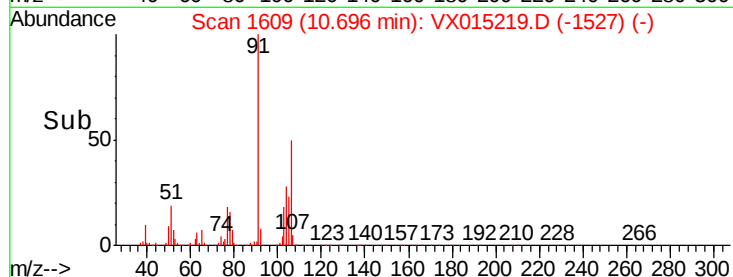
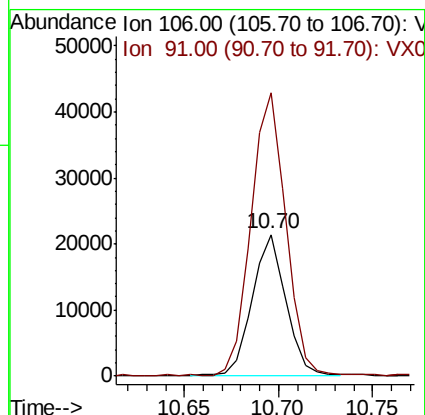
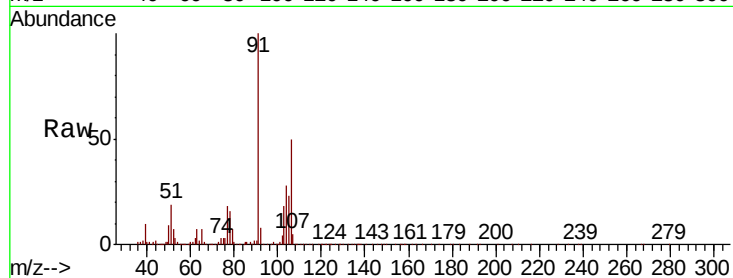




#68
o-Xylene
Concen: 5.257 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

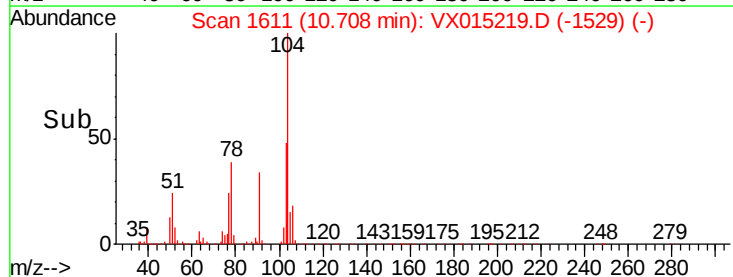
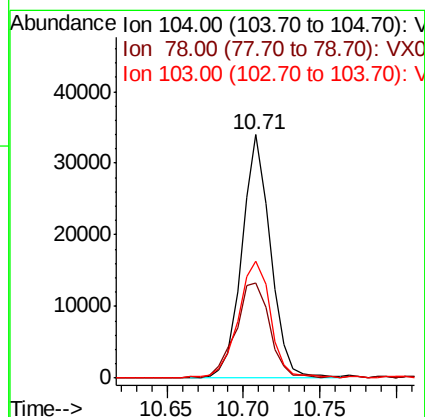
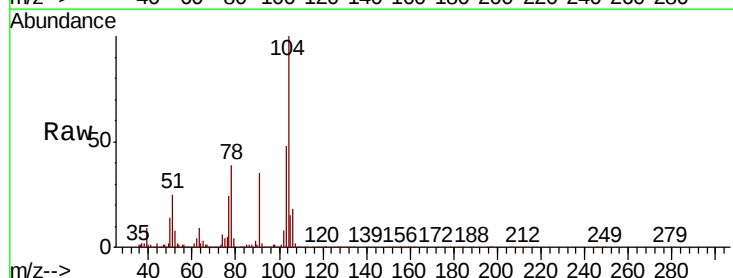
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

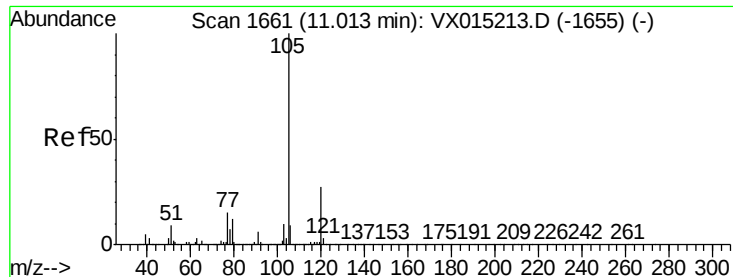
Tot Ion:106 Resp: 26268
Ion Ratio Lower Upper
106 100
91 209.4 103.6 310.8



#69
Styrene
Concen: 4.951 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

Tgt Ion:104 Resp: 43498
Ion Ratio Lower Upper
104 100
78 45.8 38.3 57.5
103 54.8 42.6 64.0





#70

Isopropylbenzene

Concen: 5.057 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

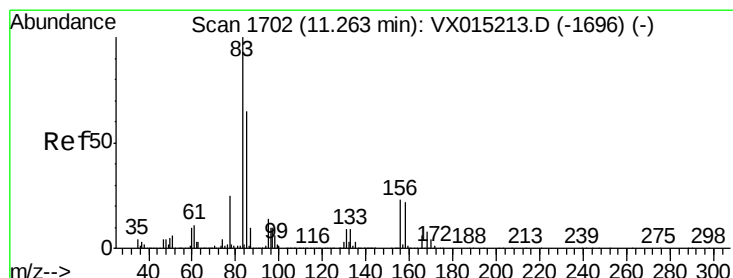
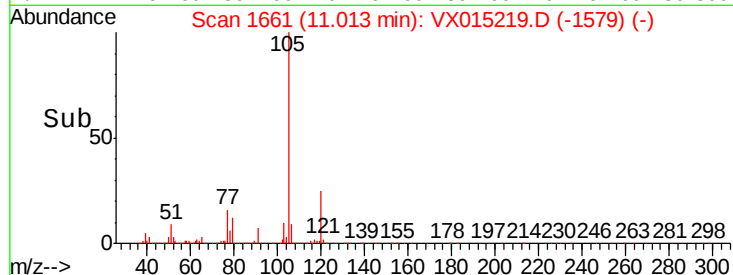
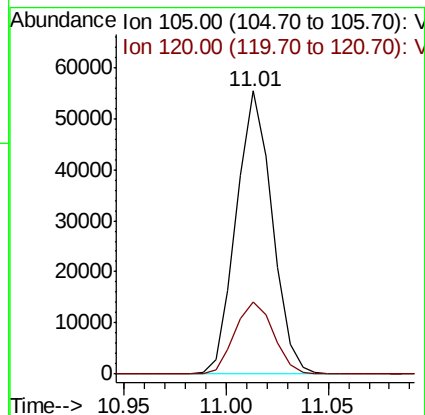
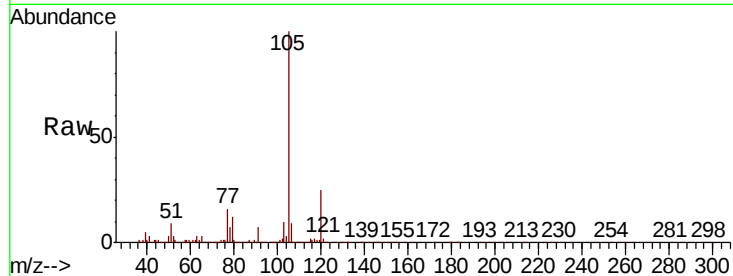
LOQ-WATER-02-QT1-2020

Tot Ion:105 Resp: 67586

Ion Ratio Lower Upper

105 100

120 27.7 19.0 35.4



#71

1,1,2,2-Tetrachloroethane

Concen: 5.195 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

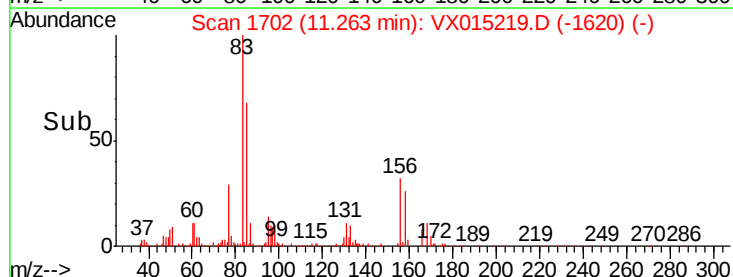
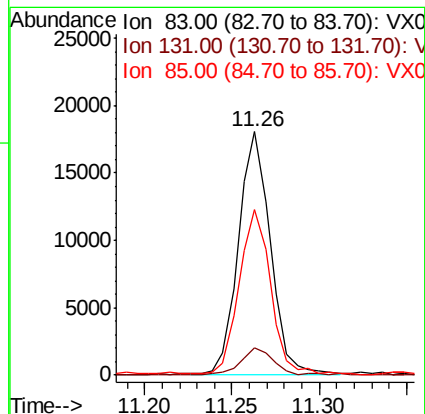
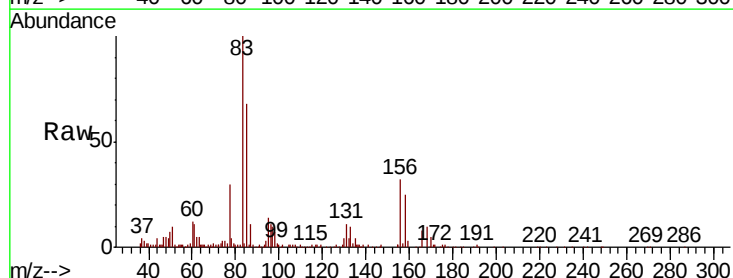
Tgt Ion: 83 Resp: 22699

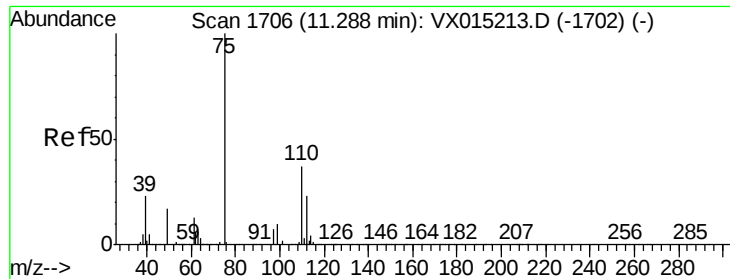
Ion Ratio Lower Upper

83 100

131 11.2 5.0 15.0

85 66.0 32.1 96.3



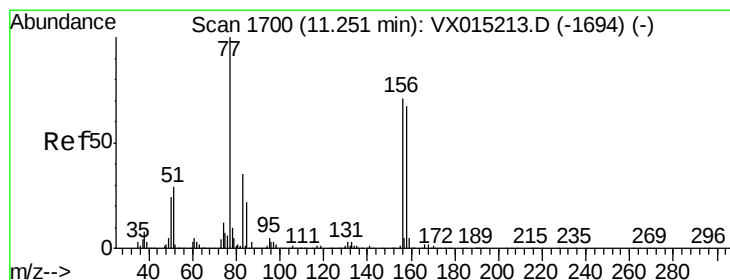
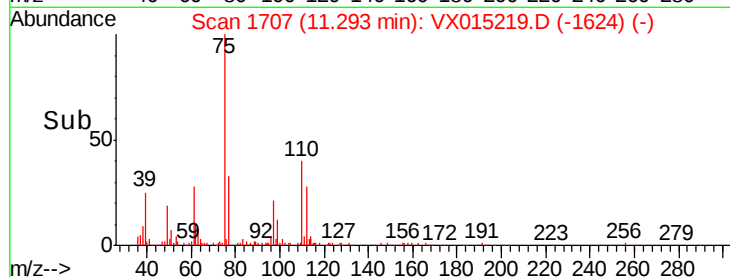
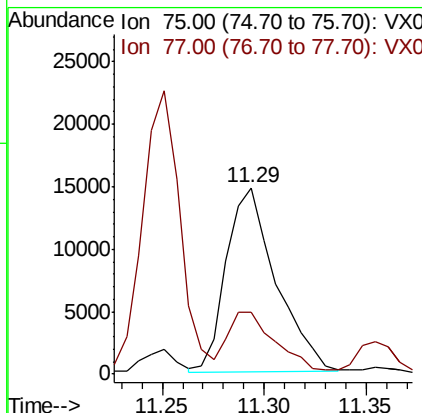
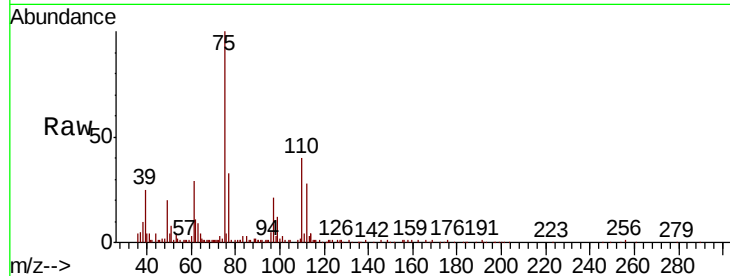


#72

1,2,3-Trichloropropane
Concen: 7.004 ug/l
RT: 11.29 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

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

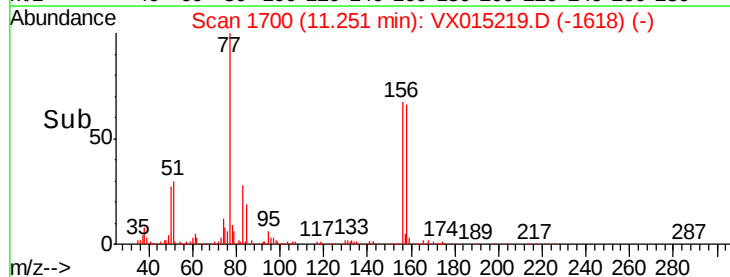
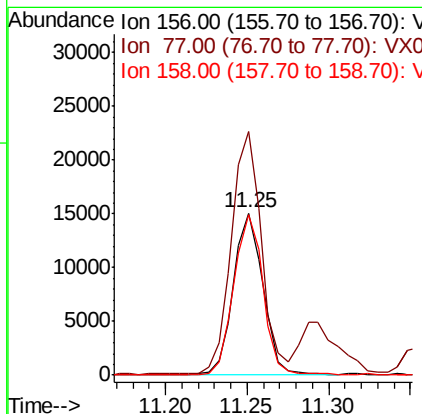
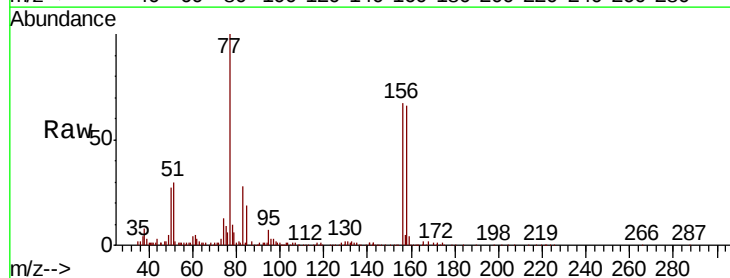
Tot Ion: 75 Resp: 24887
Ion Ratio Lower Upper
75 100
77 32.2 0.0 69.4

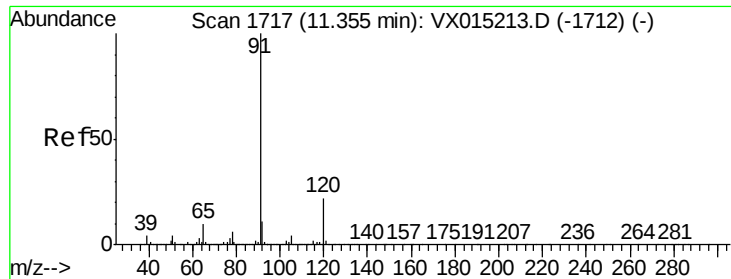


#73

Bromobenzene
Concen: 5.261 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

Tgt Ion: 156 Resp: 19235
Ion Ratio Lower Upper
156 100
77 150.3 0.0 300.2
158 96.9 0.0 195.2





#74

n-propylbenzene

Concen: 5.079 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

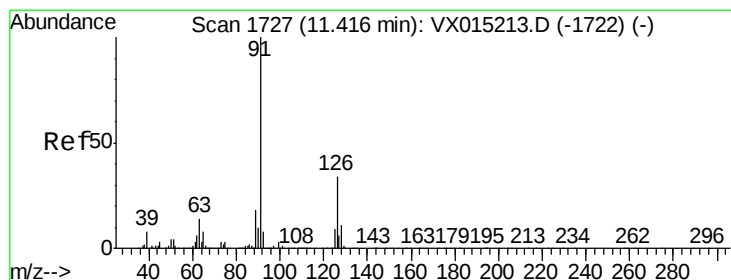
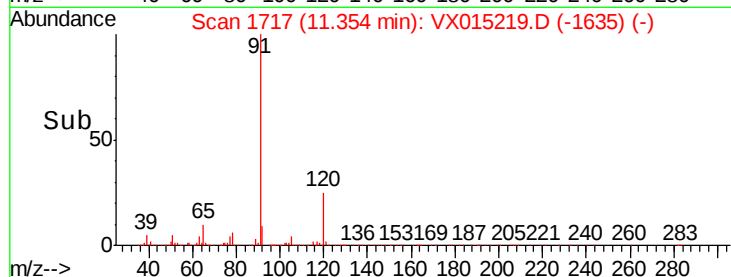
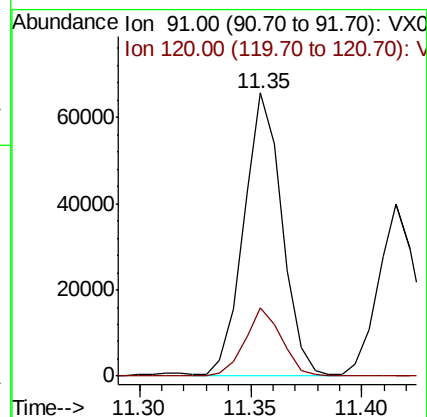
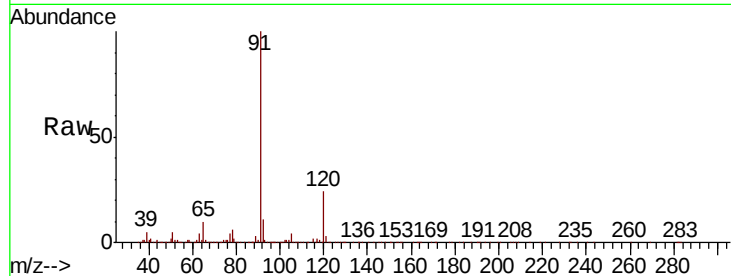
LOQ-WATER-02-QT1-2020

Tot Ion: 91 Resp: 78353

Ion Ratio Lower Upper

91 100

120 23.4 0.0 46.4



#75

2-Chlorotoluene

Concen: 5.247 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015219.D

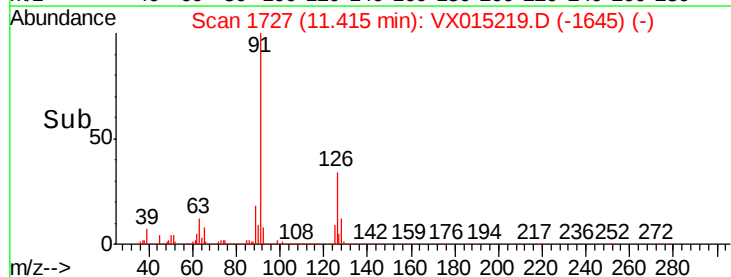
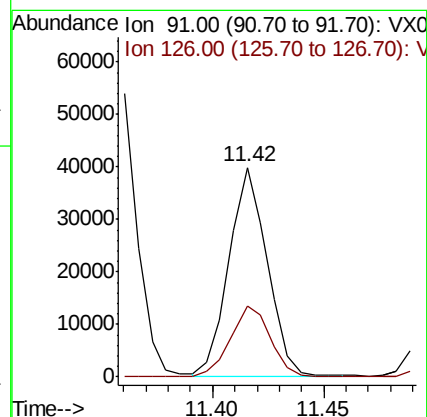
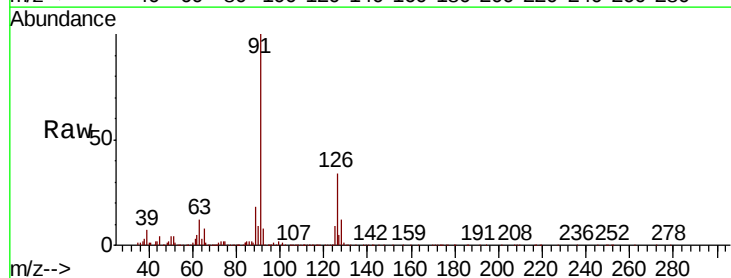
Acq: 11 Mar 2020 23:41

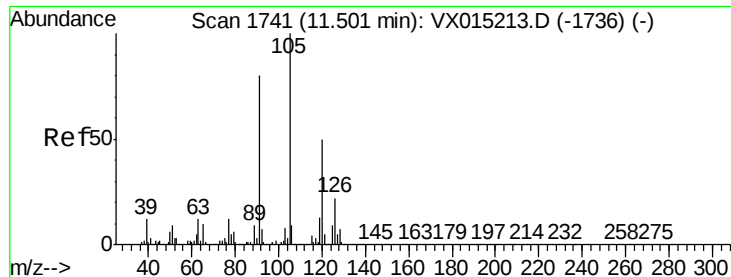
Tgt Ion: 91 Resp: 47757

Ion Ratio Lower Upper

91 100

126 35.5 0.0 68.0

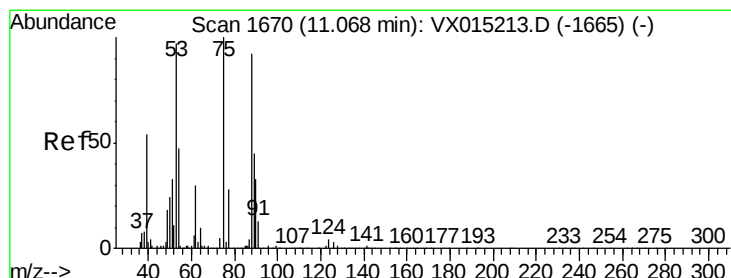
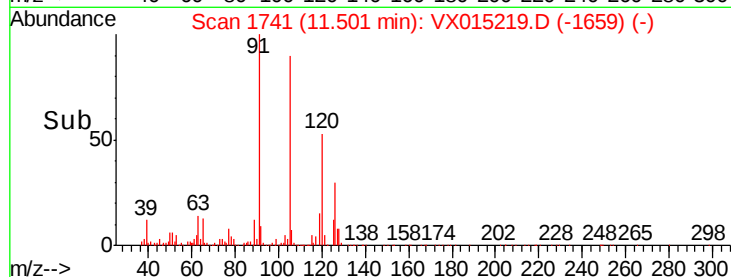
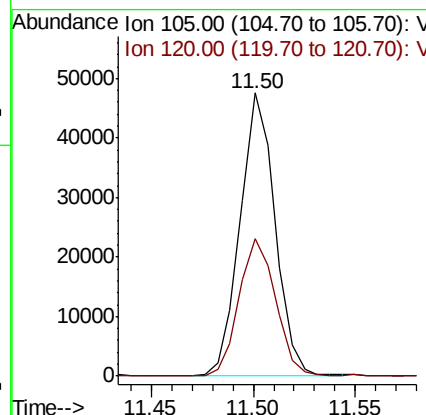
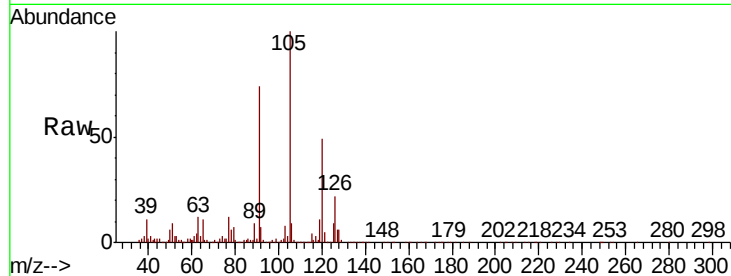




#76
 1,3,5-Trimethylbenzene
 Concen: 5.056 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX015219.D
 Acq: 11 Mar 2020 23:41

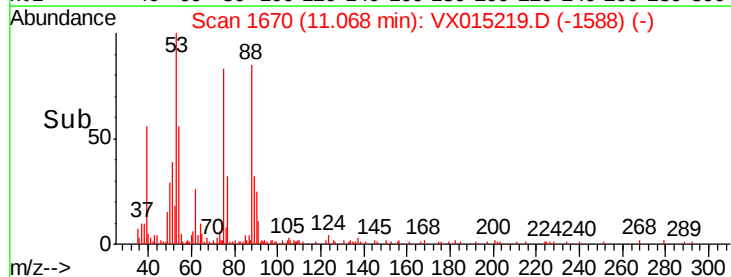
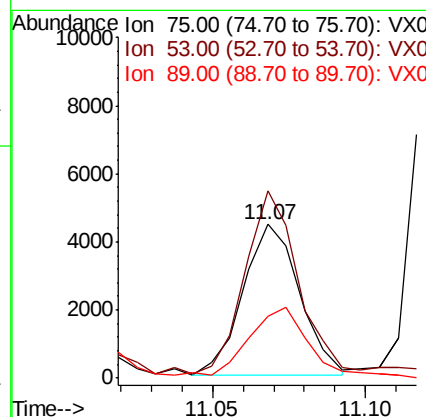
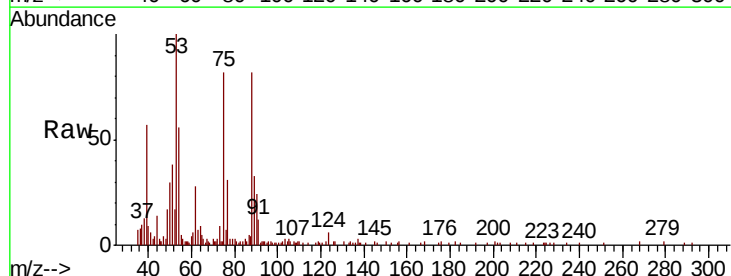
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

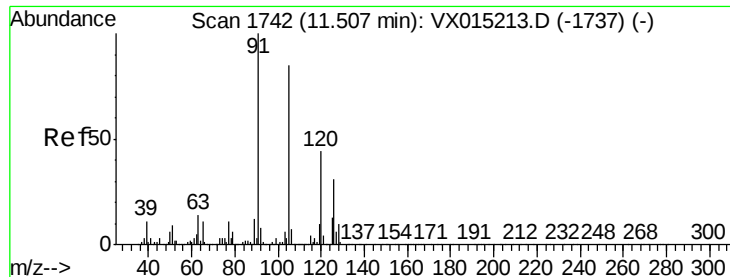
Tot Ion:105 Resp: 55916
 Ion Ratio Lower Upper
 105 100
 120 51.3 0.0 100.2



#77
 t-1,4-Dichloro-2-butene
 Concen: 4.125 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: VX015219.D
 Acq: 11 Mar 2020 23:41

Tgt Ion: 75 Resp: 5726
 Ion Ratio Lower Upper
 75 100
 53 122.0 48.7 146.1
 89 37.6 22.4 67.3

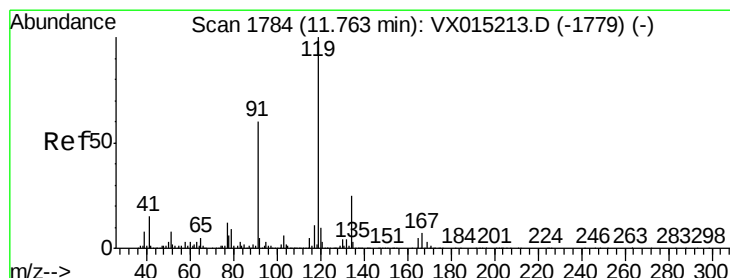
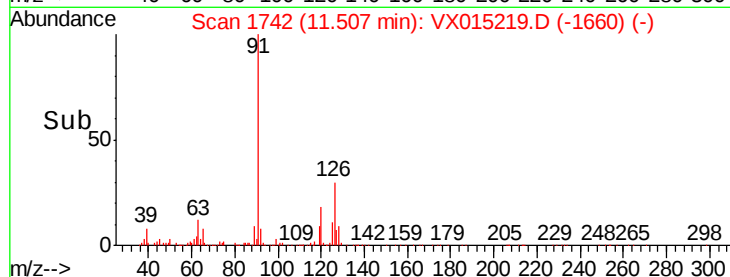
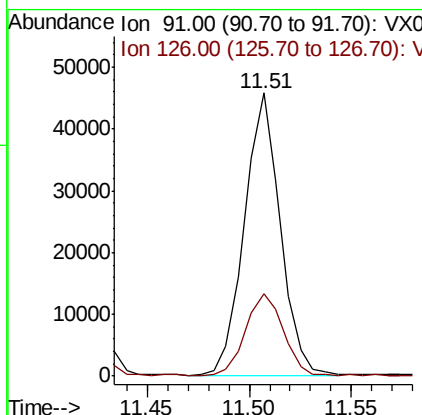
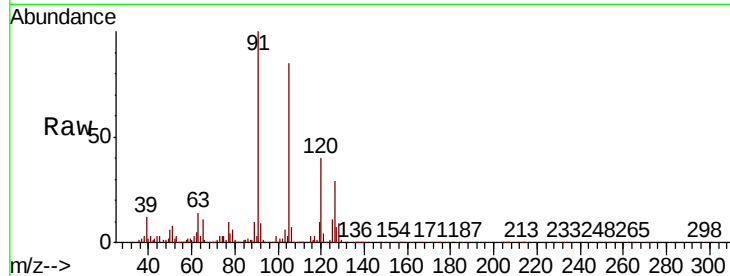




#78
4-Chlorotoluene
Concen: 5.305 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

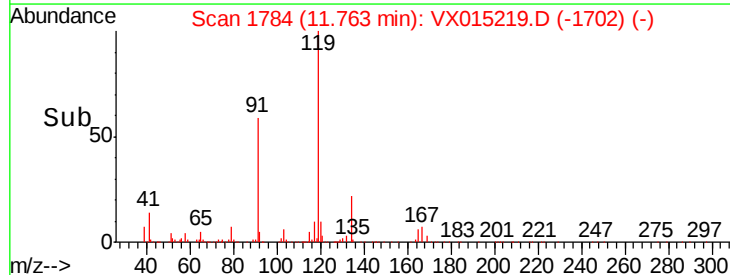
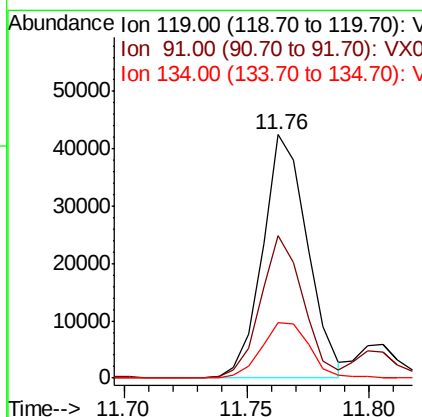
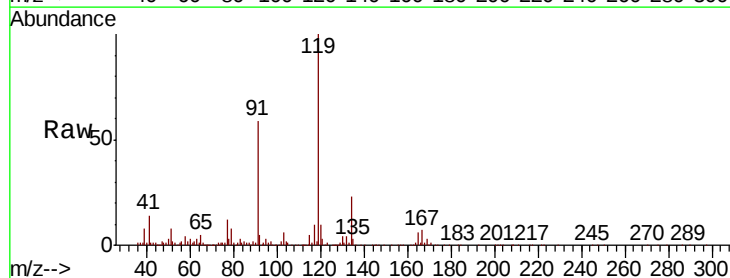
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

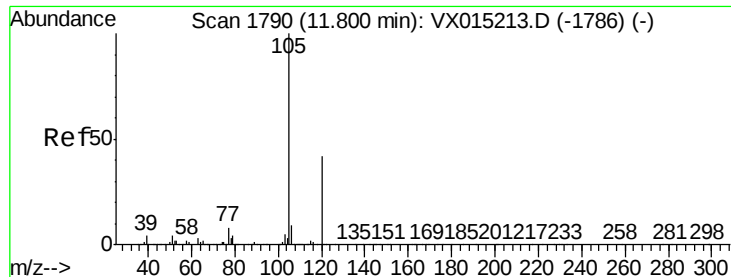
Tot Ion: 91 Resp: 55907
Ion Ratio Lower Upper
91 100
126 30.4 0.0 60.0



#79
tert-butylbenzene
Concen: 5.123 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

Tgt Ion: 119 Resp: 54168
Ion Ratio Lower Upper
119 100
91 55.4 0.0 113.8
134 24.8 0.0 50.6

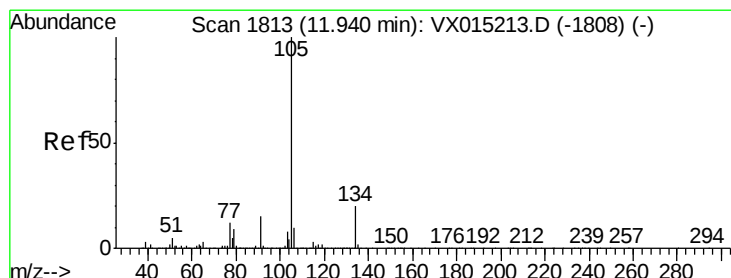
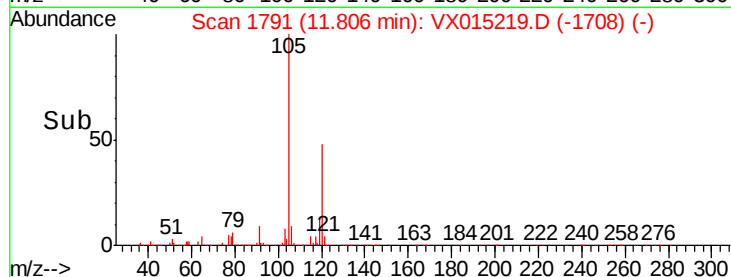
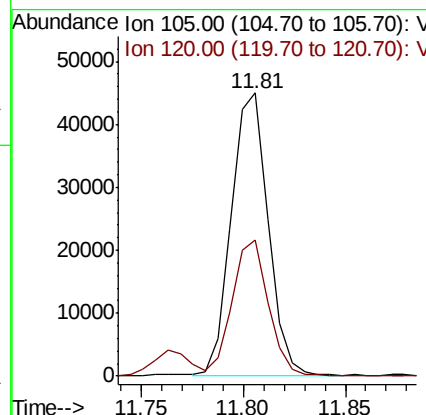
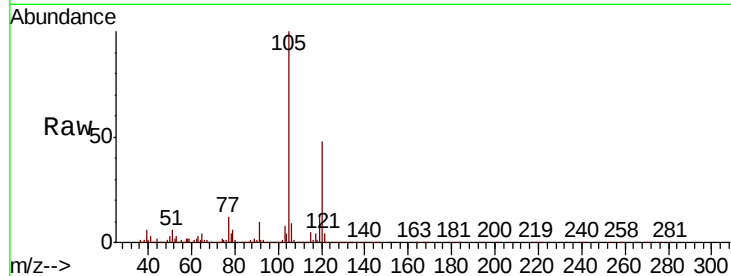




#80
 1,2,4-Trimethylbenzene
 Concen: 5.030 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX015219.D
 Acq: 11 Mar 2020 23:41

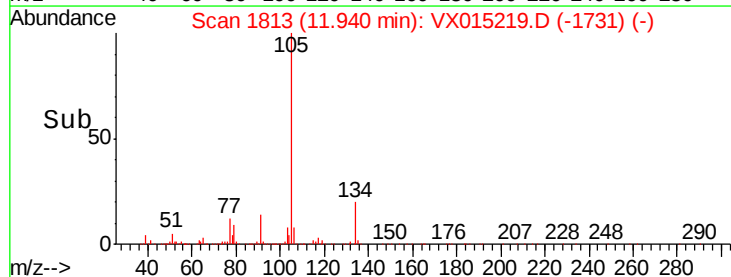
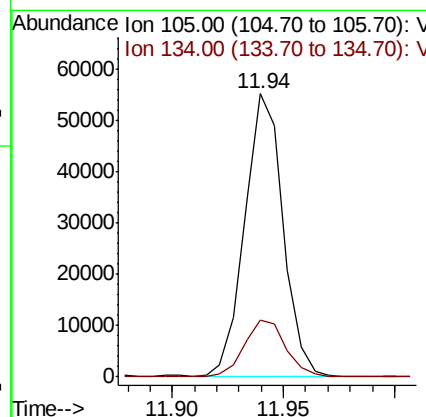
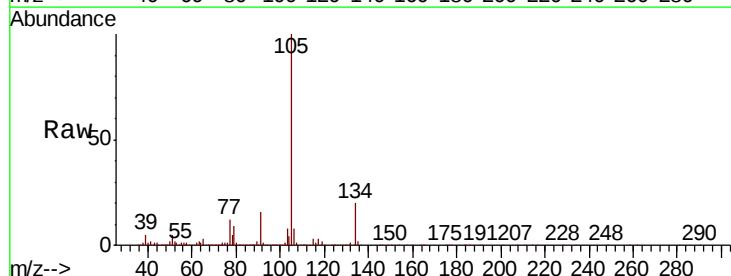
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

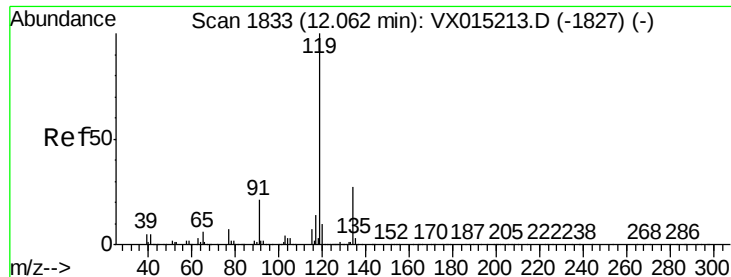
Tot Ion:105 Resp: 56176
 Ion Ratio Lower Upper
 105 100
 120 46.7 0.0 92.2



#81
 sec-Butylbenzene
 Concen: 5.072 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015219.D
 Acq: 11 Mar 2020 23:41

Tgt Ion:105 Resp: 66207
 Ion Ratio Lower Upper
 105 100
 134 21.8 0.0 41.4

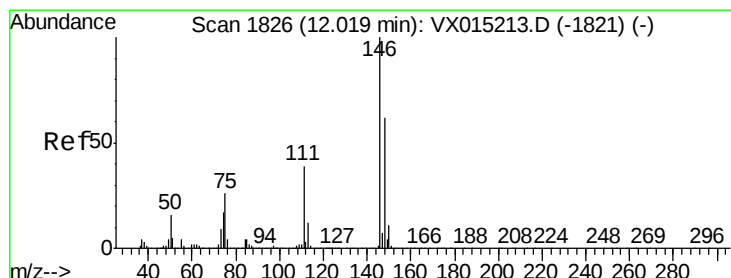
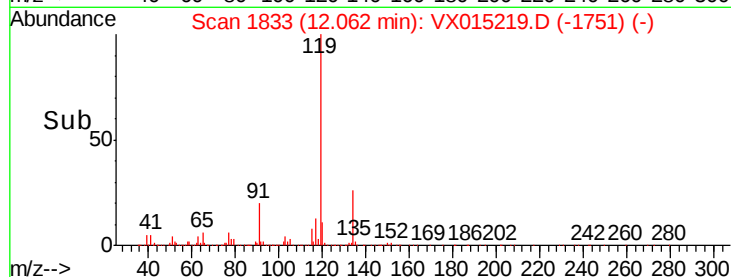
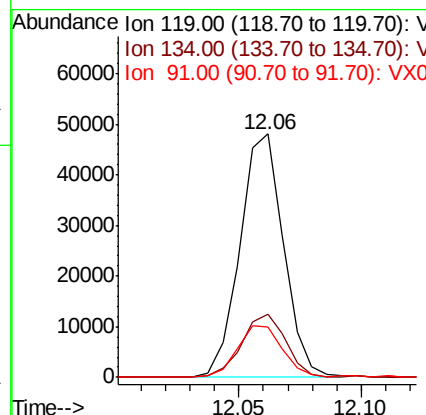
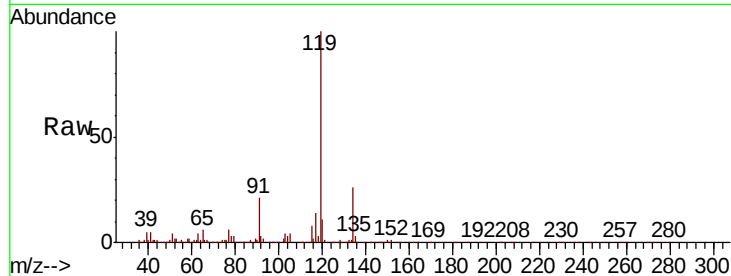




#82
p-Isopropyltoluene
Concen: 5.005 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

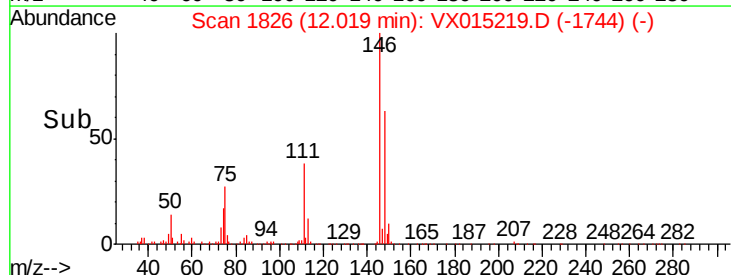
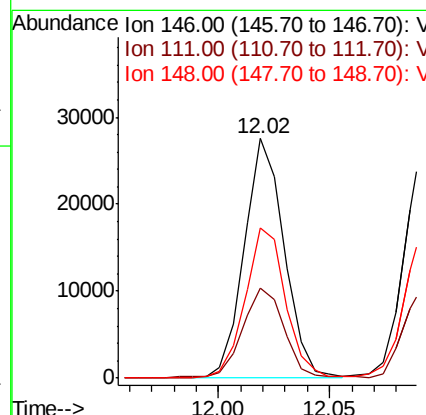
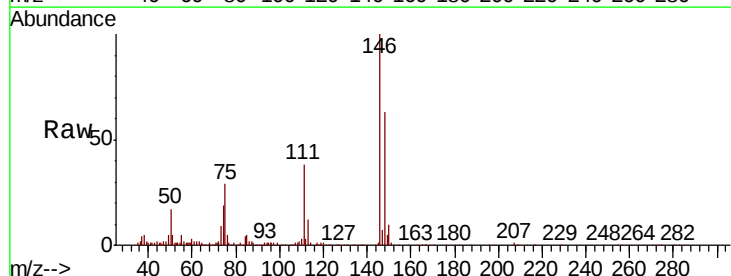
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

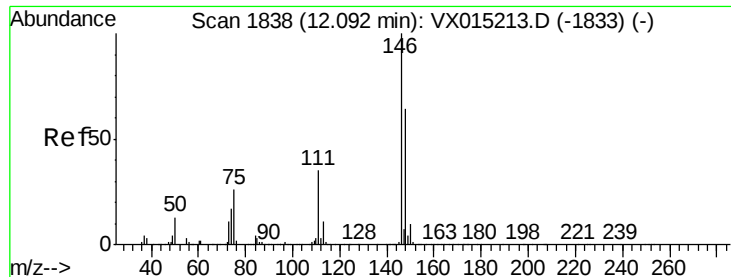
Tot Ion:119 Resp: 59472
Ion Ratio Lower Upper
119 100
134 26.2 0.0 52.2
91 21.6 0.0 43.4



#83
1,3-Dichlorobenzene
Concen: 5.309 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

Tgt Ion:146 Resp: 34508
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.5
148 63.2 31.3 93.9





#84

1,4-Dichlorobenzene

Concen: 5.375 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

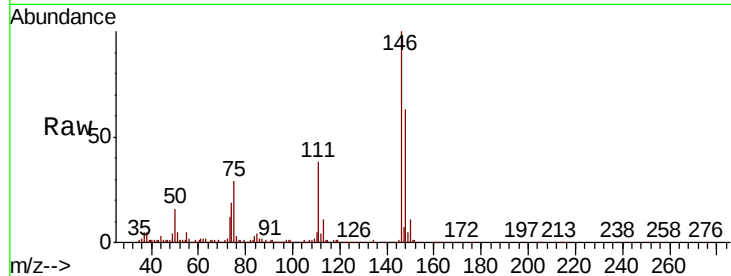
Tot Ion:146 Resp: 34947

Ion Ratio Lower Upper

146 100

111 37.5 18.1 54.1

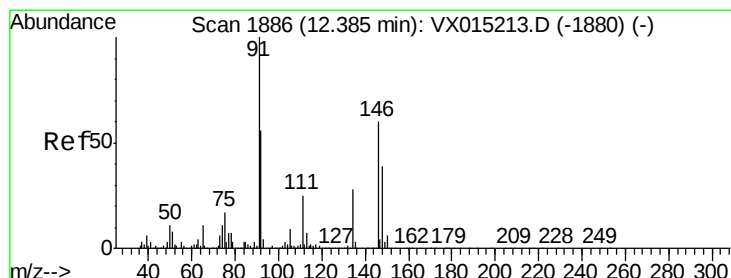
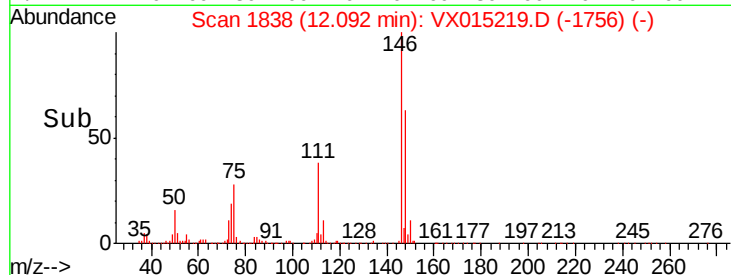
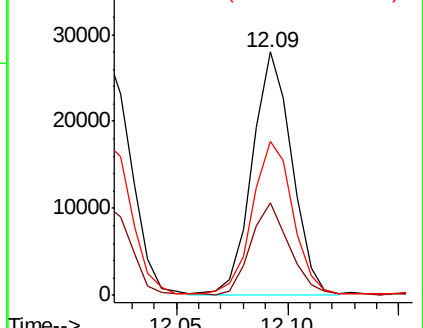
148 65.0 31.7 95.1



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



#85

n-Butylbenzene

Concen: 4.876 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

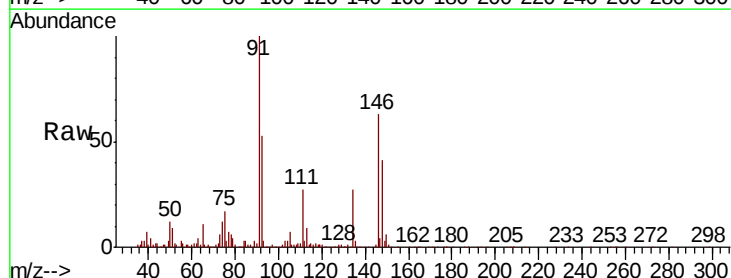
Tgt Ion: 91 Resp: 50341

Ion Ratio Lower Upper

91 100

92 52.9 0.0 109.6

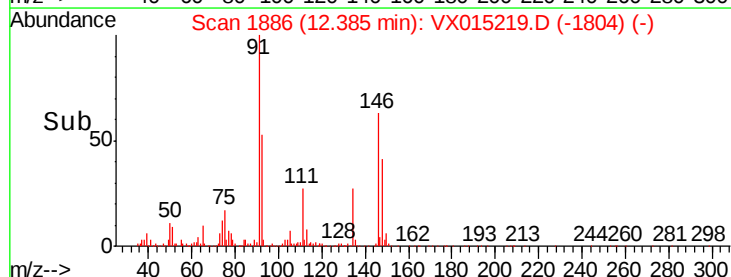
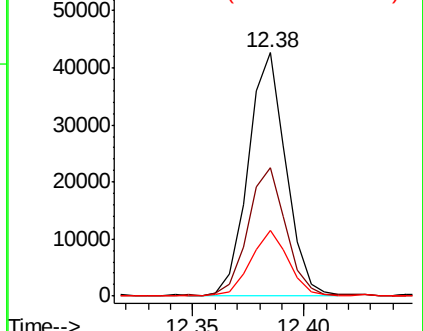
134 27.1 0.0 54.6

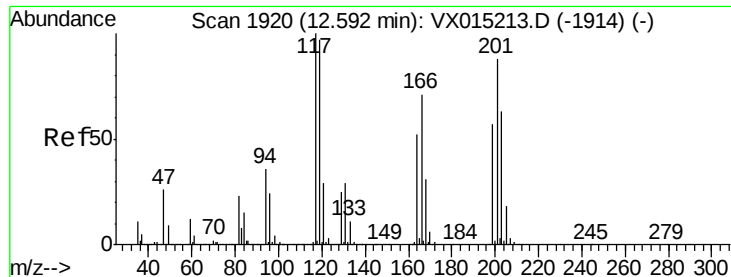


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

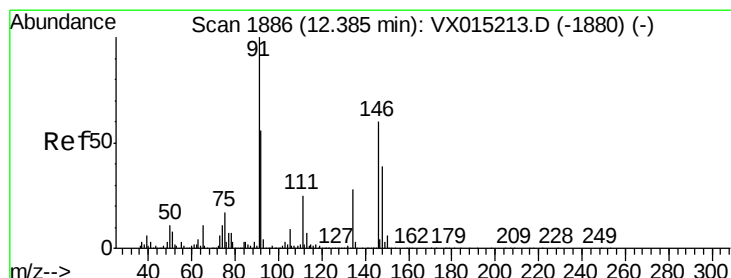
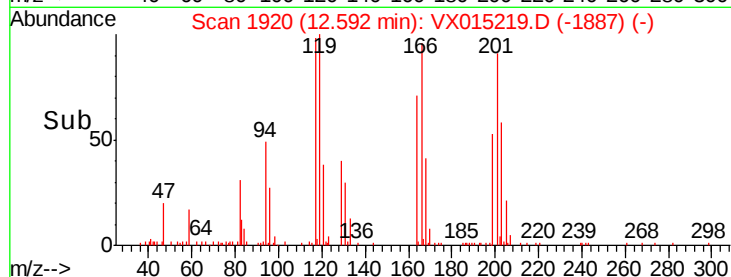
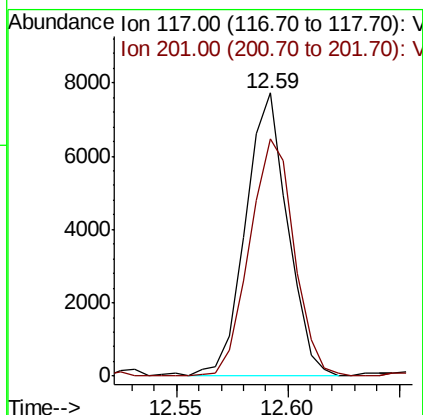
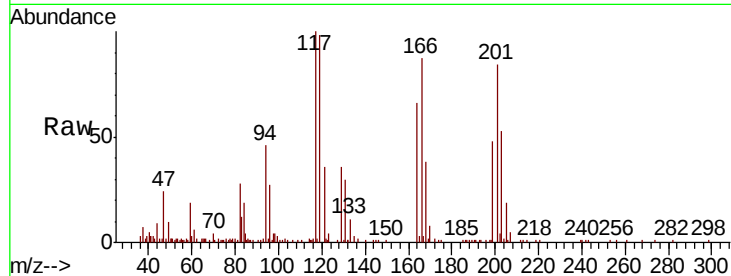




#86
Hexachloroethane
Concen: 4.817 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

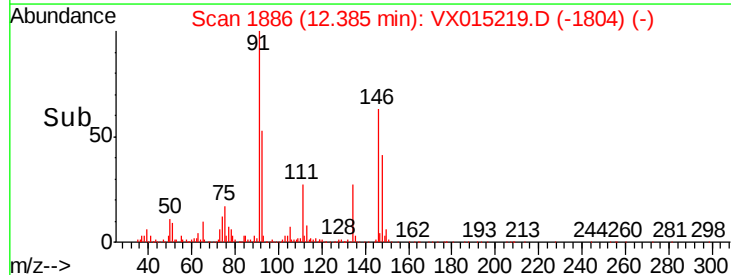
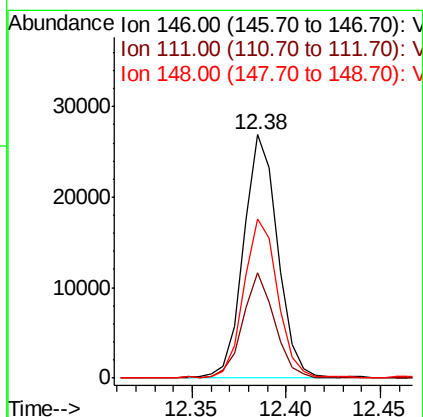
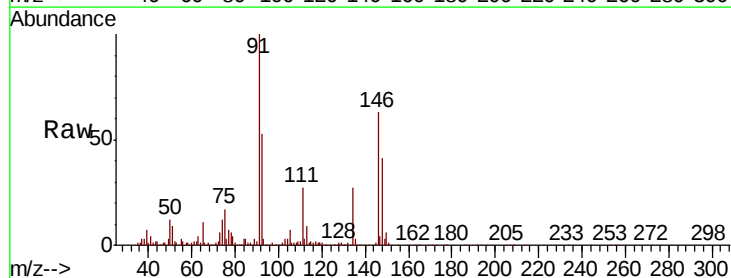
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

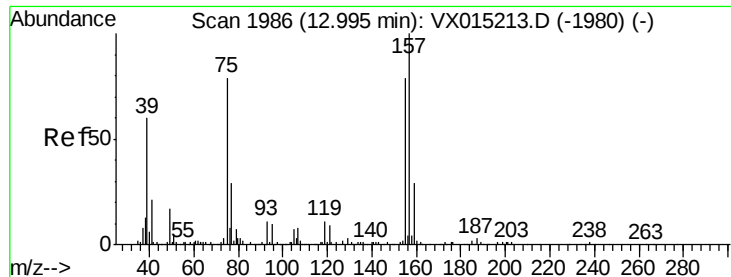
Tot Ion:117 Resp: 10178
Ion Ratio Lower Upper
117 100
201 88.8 43.8 131.4



#87
1,2-Dichlorobenzene
Concen: 5.354 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015219.D
Acq: 11 Mar 2020 23:41

Tgt Ion:146 Resp: 33830
Ion Ratio Lower Upper
146 100
111 40.6 20.2 60.5
148 64.8 32.5 97.5





#88

1,2-Dibromo-3-Chloropropane

Concen: 5.132 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

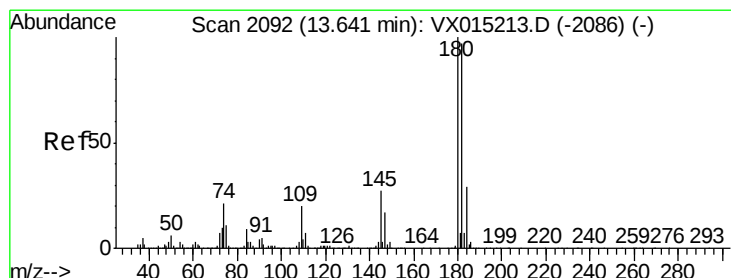
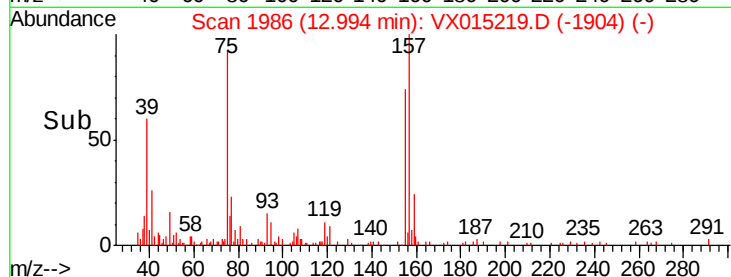
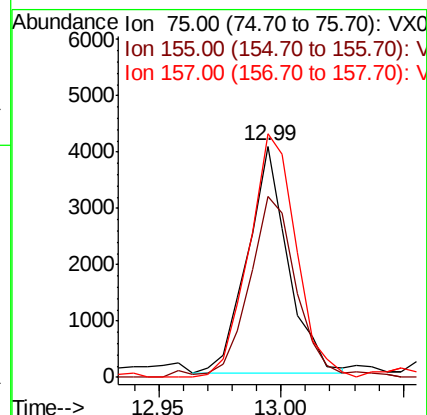
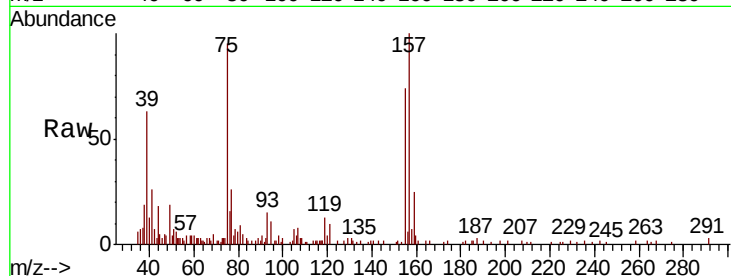
Tot Ion: 75 Resp: 4605

Ion Ratio Lower Upper

75 100

155 92.0 79.4 119.2

157 125.5 99.1 148.7



#89

1,2,4-Trichlorobenzene

Concen: 5.247 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

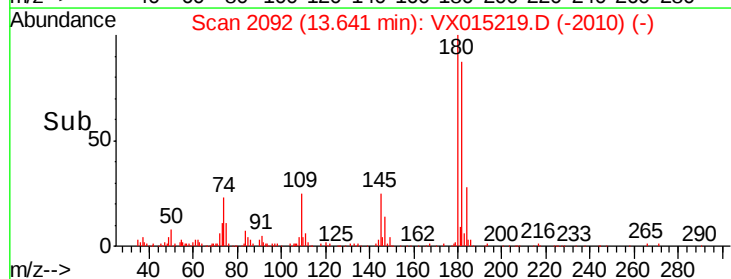
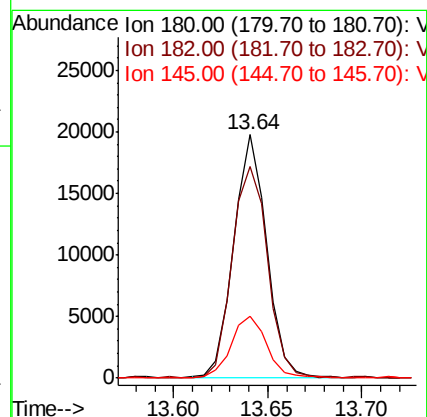
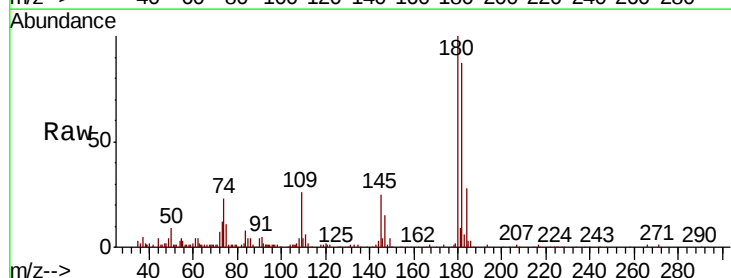
Tgt Ion: 180 Resp: 24043

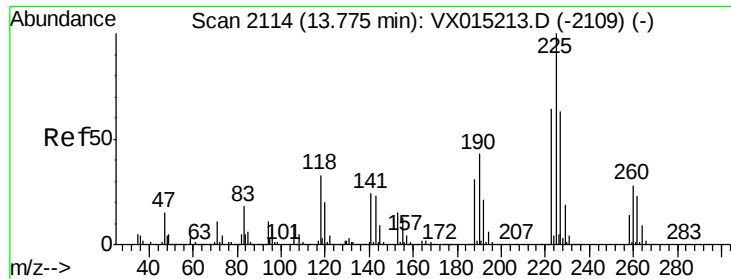
Ion Ratio Lower Upper

180 100

182 93.1 75.6 113.4

145 27.5 22.7 34.1





#90

Hexachlorobutadiene

Concen: 5.212 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.01 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

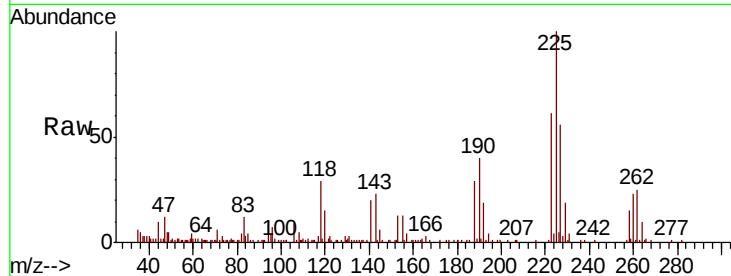
Tot Ion:225 Resp: 11793

Ion Ratio Lower Upper

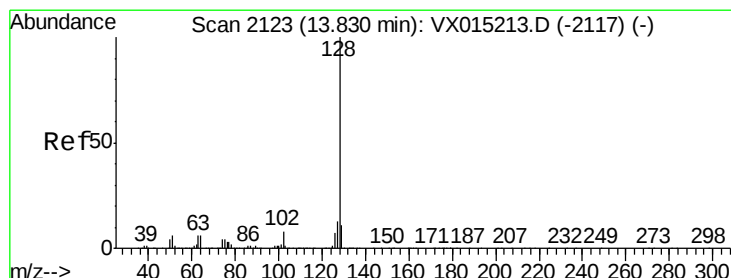
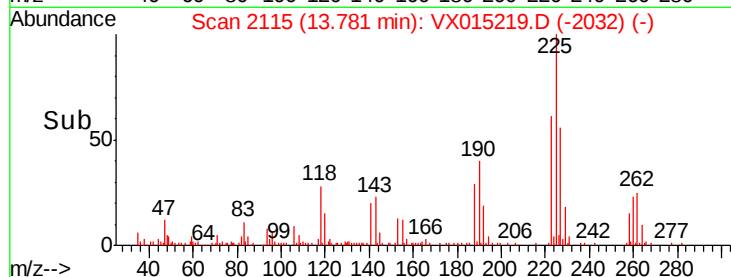
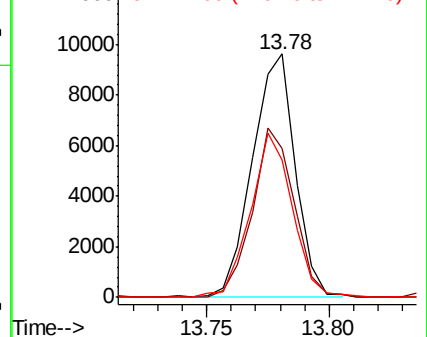
225 100

223 67.6 0.0 127.6

227 66.0 0.0 128.6



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: 4.645 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

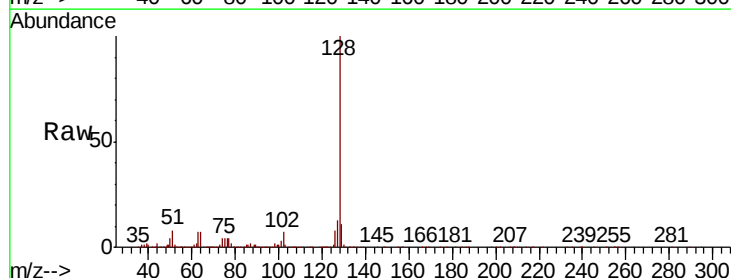
Tgt Ion:128 Resp: 59884

Ion Ratio Lower Upper

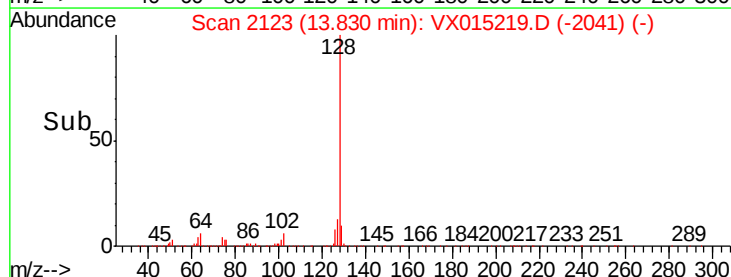
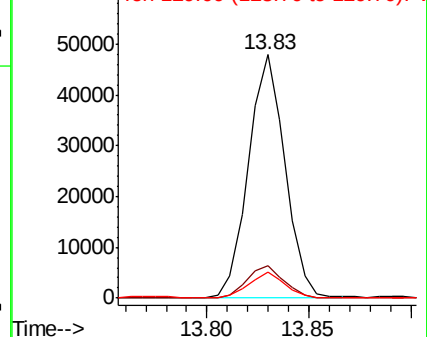
128 100

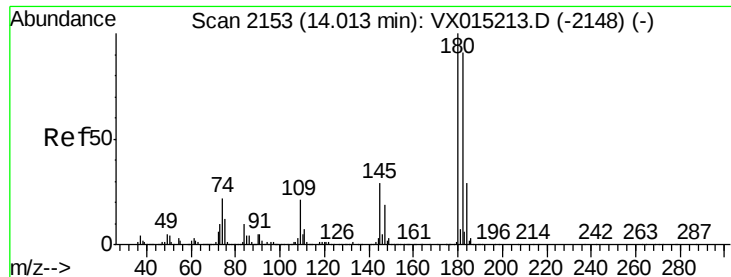
127 13.5 10.4 15.6

129 10.8 8.8 13.2



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: 5.240 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX015219.D

Acq: 11 Mar 2020 23:41

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

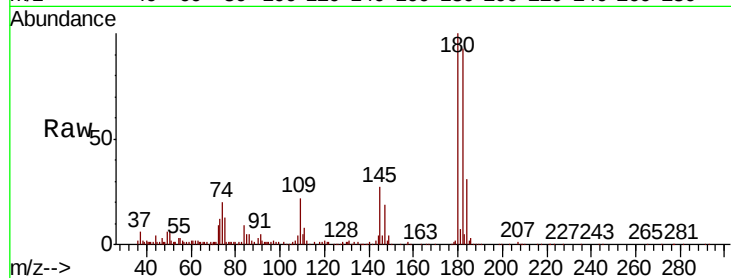
Tot Ion:180 Resp: 24203

Ion Ratio Lower Upper

180 100

182 94.3 0.0 188.4

145 29.2 0.0 59.2



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

