

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030520\
 Data File : VX015106.D
 Acq On : 05 Mar 2020 13:03
 Operator : JC/SP
 Sample : L1161-07 5PPB L00
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Mar 06 03:10:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 06 03:01:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	314340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	502885	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	473189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	242629	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	211434	56.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.40%	
35) Dibromofluoromethane	5.49	113	168132	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
50) Toluene-d8	8.71	98	630535	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.13	95	220522	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	12713	4.619	ug/l	95
3) Chloromethane	1.32	50	22539	5.781	ug/l	95
4) Vinyl Chloride	1.40	62	20573	5.203	ug/l	95
5) Bromomethane	1.64	94	15206	6.256	ug/l	91
6) Chloroethane	1.72	64	13017	5.489	ug/l	98
7) Trichlorofluoromethane	1.92	101	24769	5.265	ug/l	95
8) Diethyl Ether	2.18	74	13277	6.231	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	14234	4.809	ug/l	94
10) Methyl Iodide	2.50	142	12311	3.682	ug/l #	90
11) Tert butyl alcohol	3.03	59	25919	40.059	ug/l	96
12) 1,1-Dichloroethene	2.37	96	14560	4.766	ug/l	99
13) Acrolein	2.28	56	16845	27.703	ug/l	96
14) Allyl chloride	2.72	41	27120	5.092	ug/l	97
15) Acrylonitrile	3.13	53	46194	28.668	ug/l	97
16) Acetone	2.44	43	42907	28.410	ug/l	100
17) Carbon Disulfide	2.56	76	40028	4.719	ug/l	100
18) Methyl Acetate	2.76	43	20533	5.560	ug/l	91
19) Methyl tert-butyl Ether	3.19	73	52721	5.523	ug/l	95
20) Methylene Chloride	2.85	84	19565	5.536	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	16638	5.101	ug/l	95
22) Diisopropyl ether	3.84	45	59678	5.624	ug/l #	88
23) Vinyl Acetate	3.80	43	238800	27.376	ug/l	97
24) 1,1-Dichloroethane	3.69	63	30848	5.238	ug/l	98
25) 2-Butanone	4.66	43	63544	28.739	ug/l	97
26) 2,2-Dichloropropane	4.57	77	23283	4.980	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	19833	5.420	ug/l	96
28) Bromochloromethane	5.00	49	15998	5.965	ug/l	96
29) Tetrahydrofuran	5.12	42	39728	27.874	ug/l	98
30) Chloroform	5.20	83	32956	5.741	ug/l	93
31) Cyclohexane	5.57	56	24562	4.676	ug/l	92
32) 1,1,1-Trichloroethane	5.48	97	25251	5.307	ug/l	93
36) 1,1-Dichloropropene	5.79	75	22538	4.848	ug/l	98
37) Ethyl Acetate	4.83	43	24575	5.699	ug/l #	91
38) Carbon Tetrachloride	5.78	117	21130	4.815	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 06 03:01:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	23034	4.243	ug/l	99
40) Benzene	6.14	78	69507	5.039	ug/l	98
41) Methacrylonitrile	5.03	41	13081	5.050	ug/l #	95
42) 1,2-Dichloroethane	6.18	62	26707	5.638	ug/l	95
43) Isopropyl Acetate	6.43	43	39249	5.174	ug/l	96
44) Trichloroethene	7.21	130	19773	5.148	ug/l	96
45) 1,2-Dichloropropane	7.51	63	18919	5.299	ug/l	92
46) Dibromomethane	7.65	93	13218	5.682	ug/l	97
47) Bromodichloromethane	7.89	83	23410	5.089	ug/l #	98
48) Methyl methacrylate	7.76	41	20090	5.203	ug/l	95
49) 1,4-Dioxane	7.74	88	8975	107.507	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	122309	27.268	ug/l	100
52) Toluene	8.78	92	43831	5.197	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	23306	4.760	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	27321	4.936	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	18459	5.318	ug/l	98
56) Ethyl methacrylate	9.17	69	25037	5.057	ug/l	98
57) 1,3-Dichloropropane	9.37	76	31830	5.451	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	67238	24.928	ug/l	100
59) 2-Hexanone	9.49	43	90570	27.243	ug/l	98
60) Dibromochloromethane	9.57	129	17773	4.874	ug/l	97
61) 1,2-Dibromoethane	9.67	107	19521	5.354	ug/l	100
64) Tetrachloroethene	9.33	164	19680	5.030	ug/l	96
65) Chlorobenzene	10.14	112	49570	5.218	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	16515	4.610	ug/l	95
67) Ethyl Benzene	10.25	91	79575	4.933	ug/l	99
68) m/p-Xylenes	10.35	106	59915	9.762	ug/l	100
69) o-Xylene	10.70	106	28470	4.845	ug/l	97
70) Styrene	10.71	104	47339	4.698	ug/l	99
71) Bromoform	10.85	173	13522	4.868	ug/l #	97
73) Isopropylbenzene	11.01	105	73551	4.745	ug/l	100
74) N-amyl acetate	10.89	43	31117	4.764	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	27495	5.323	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	29047	6.002	ug/l	81
77) Bromobenzene	11.25	156	22376	5.180	ug/l	96
78) n-propylbenzene	11.35	91	84434	4.768	ug/l	100
79) 2-Chlorotoluene	11.42	91	52625	4.976	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	62340	4.832	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	6667	3.910	ug/l #	76
82) 4-Chlorotoluene	11.51	91	59391	4.754	ug/l	99
83) tert-Butylbenzene	11.76	119	58635	4.700	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	61973	4.781	ug/l	99
85) sec-Butylbenzene	11.94	105	69044	4.584	ug/l	100
86) p-Isopropyltoluene	12.06	119	63023	4.542	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	37140	4.891	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	38323	4.888	ug/l	90
89) n-Butylbenzene	12.39	91	53578	4.341	ug/l	98
90) Hexachloroethane	12.59	117	11332	4.320	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	37762	5.002	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	5138	4.967	ug/l	88

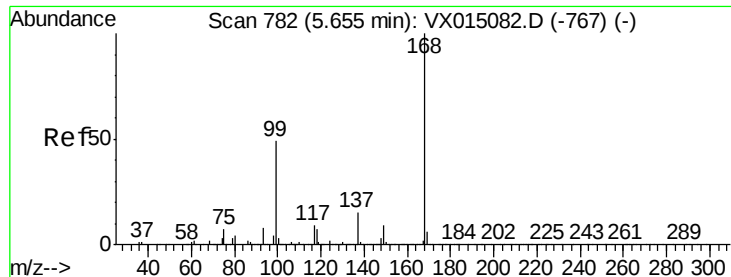
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Quant Time: Mar 06 03:10:27 2020
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Quant Title : SW846 8260
QLast Update : Fri Mar 06 03:01:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	24552	4.685	ug/l	97
94) Hexachlorobutadiene	13.78	225	11771	4.377	ug/l	95
95) Naphthalene	13.83	128	65612	4.581	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	24946	4.771	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

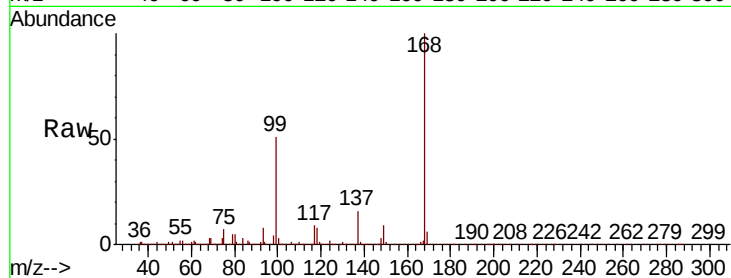
LOQ-WATER-02-QT1-2020

Tot Ion:168 Resp: 314340

Ion Ratio Lower Upper

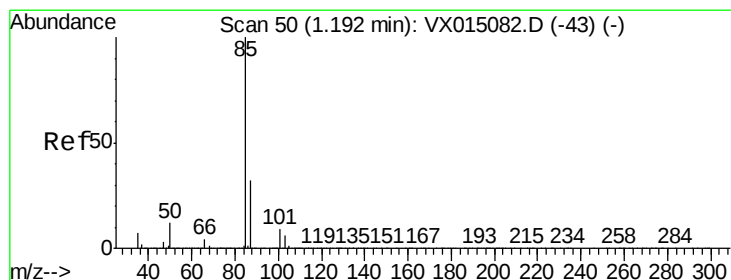
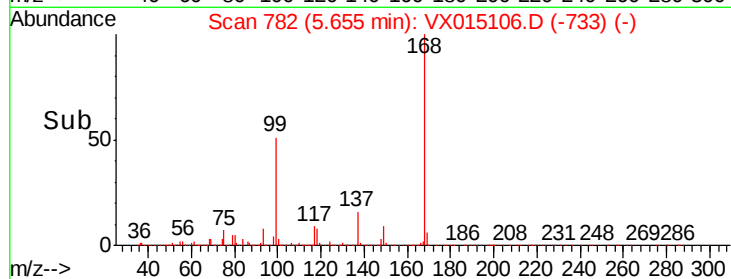
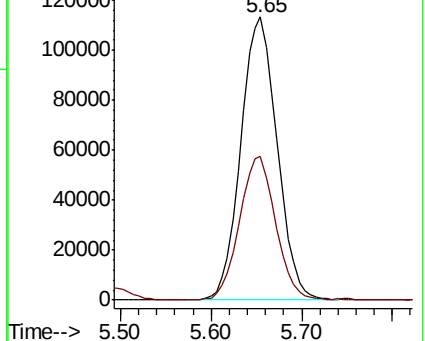
168 100

99 50.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 4.619 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015106.D

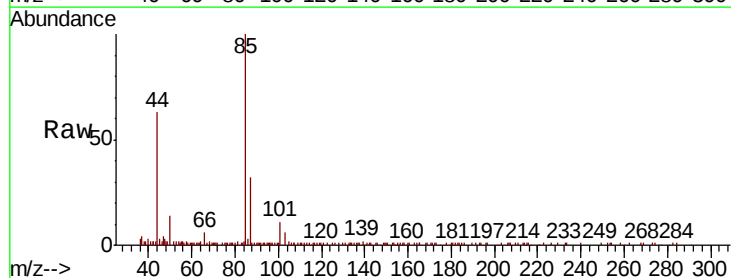
Acq: 05 Mar 2020 13:03

Tgt Ion: 85 Resp: 12713

Ion Ratio Lower Upper

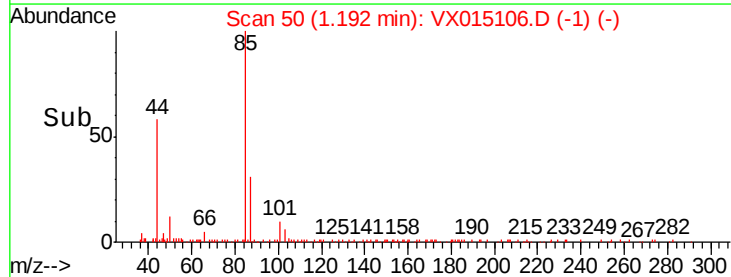
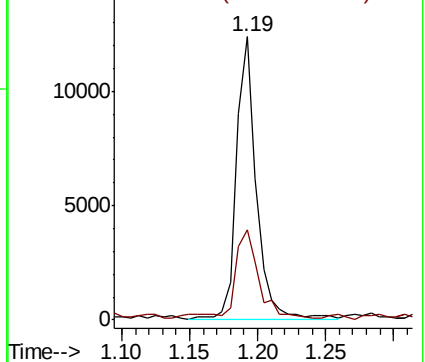
85 100

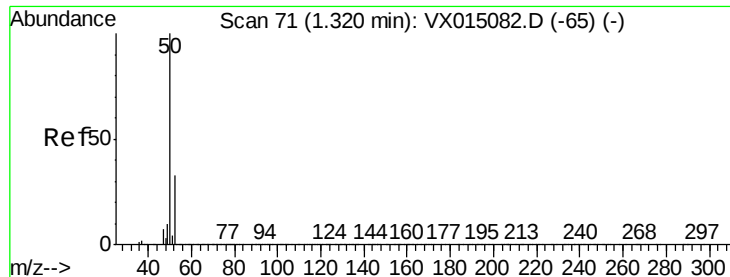
87 29.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 5.781 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

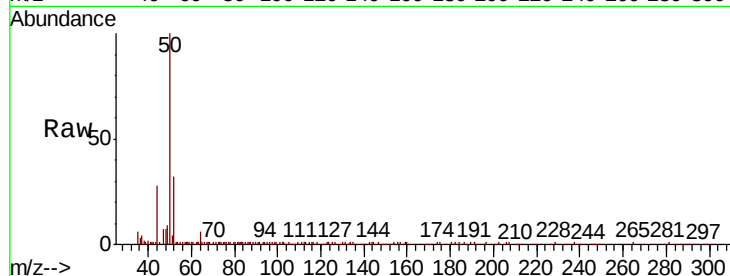
LOQ-WATER-02-QT1-2020

Tot Ion: 50 Resp: 22539

Ion Ratio Lower Upper

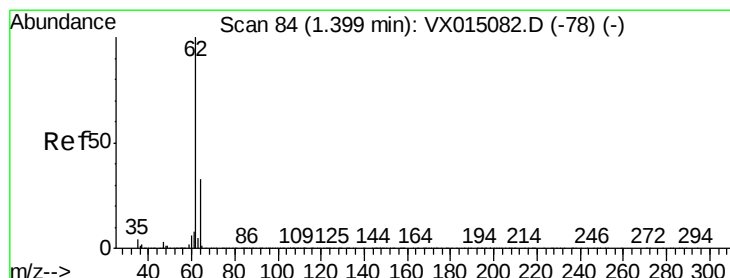
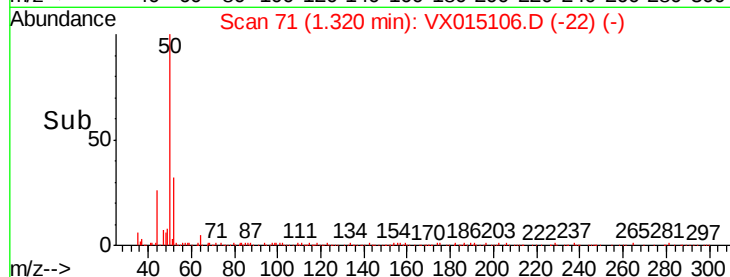
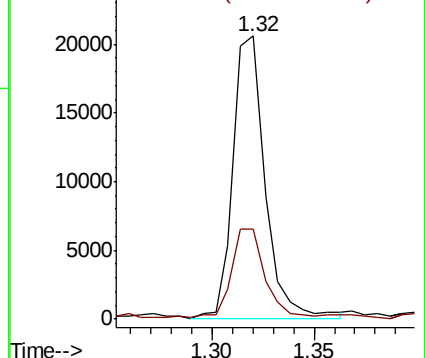
50 100

52 30.0 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 5.203 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015106.D

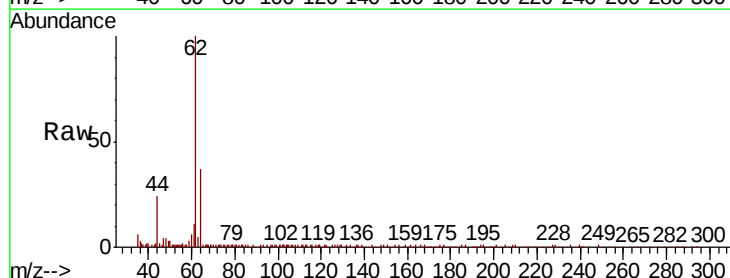
Acq: 05 Mar 2020 13:03

Tgt Ion: 62 Resp: 20573

Ion Ratio Lower Upper

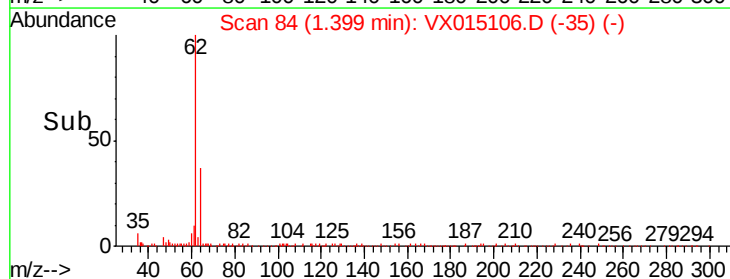
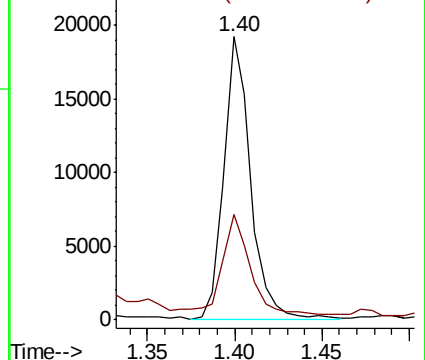
62 100

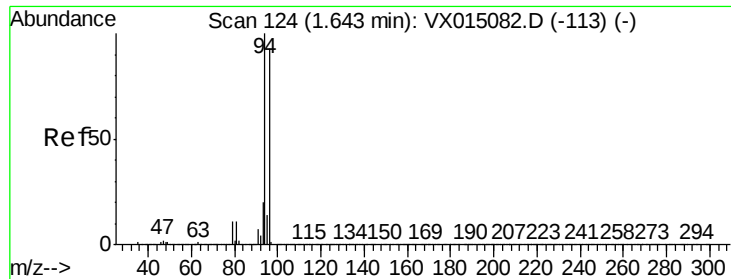
64 35.5 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 6.256 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

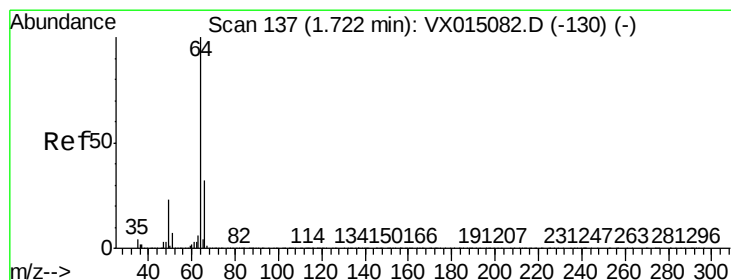
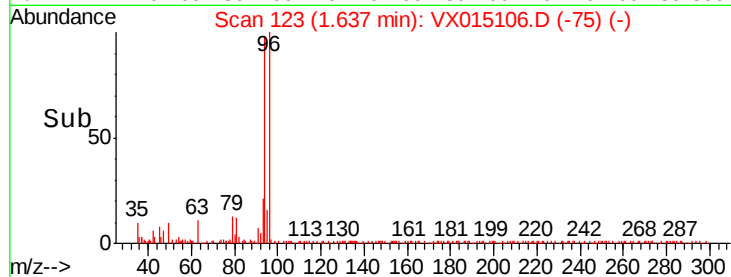
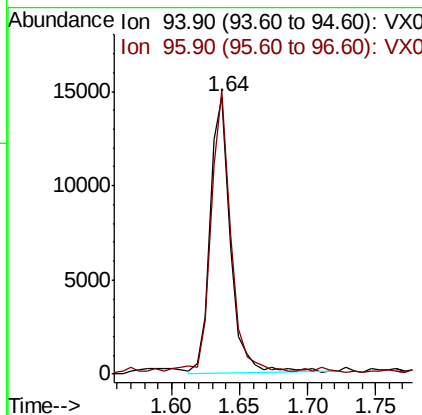
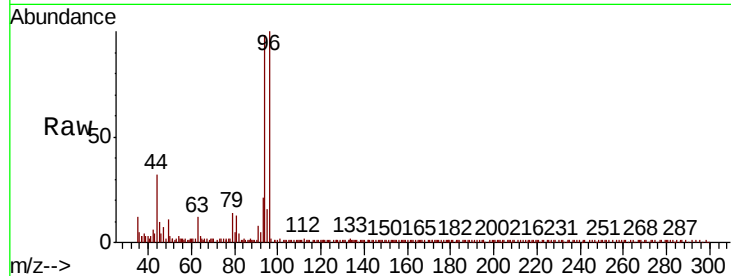
LOQ-WATER-02-QT1-2020

Tot Ion: 94 Resp: 15206

Ion Ratio Lower Upper

94 100

96 101.9 74.6 111.8



#6

Chloroethane

Concen: 5.489 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015106.D

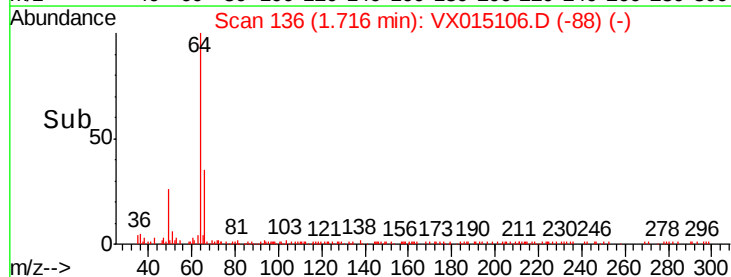
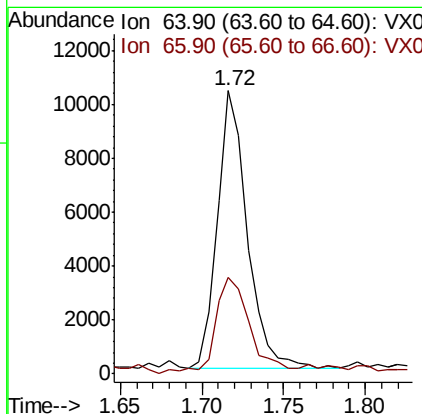
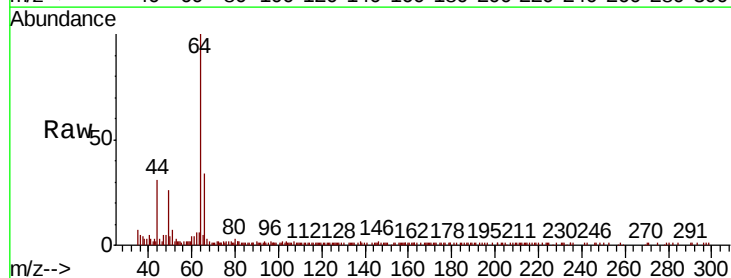
Acq: 05 Mar 2020 13:03

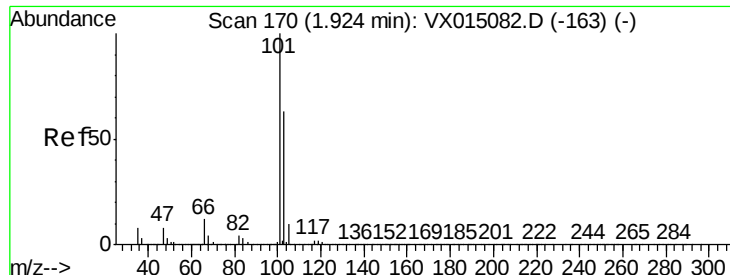
Tgt Ion: 64 Resp: 13017

Ion Ratio Lower Upper

64 100

66 33.2 25.8 38.8



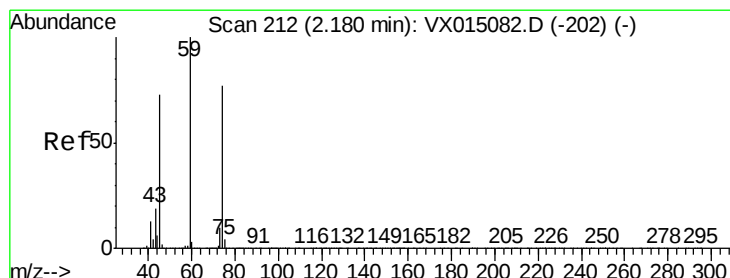
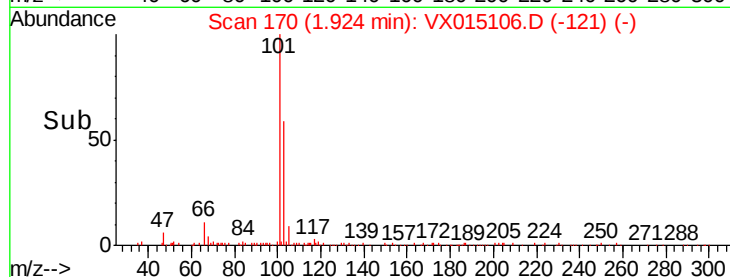
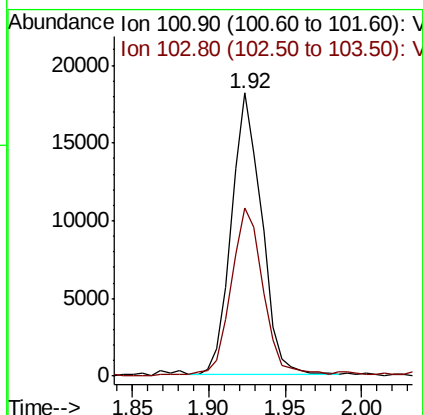
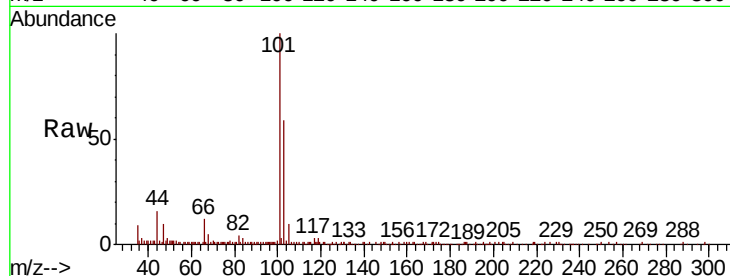


#7

Trichlorofluoromethane
Concen: 5.265 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

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

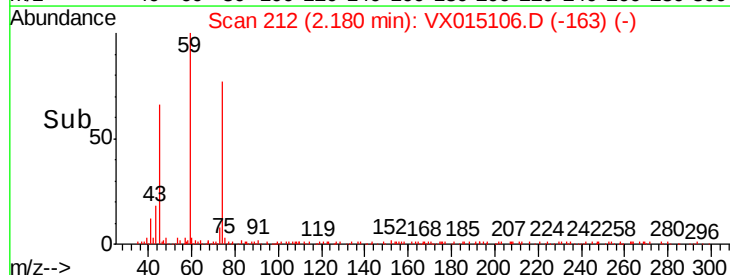
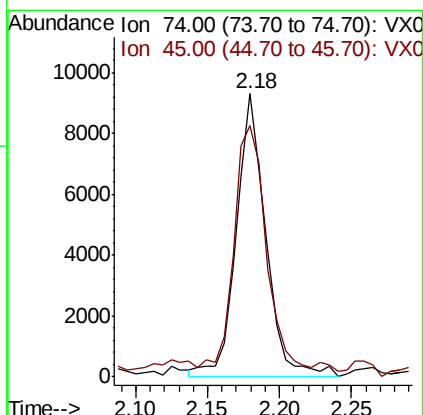
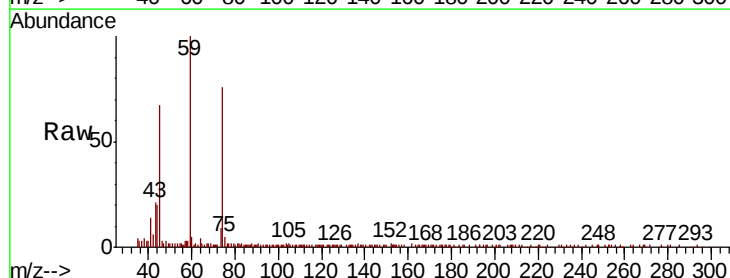
Tot Ion:101 Resp: 24769
Ion Ratio Lower Upper
101 100
103 58.8 50.4 75.6

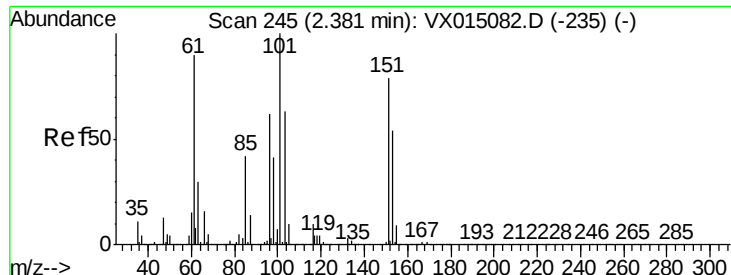


#8

Diethyl Ether
Concen: 6.231 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

Tgt Ion: 74 Resp: 13277
Ion Ratio Lower Upper
74 100
45 98.1 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.809 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

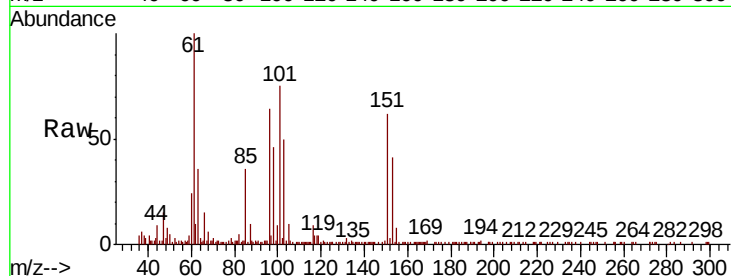
Tot Ion:101 Resp: 14234

Ion Ratio Lower Upper

101 100

85 46.9 33.7 50.5

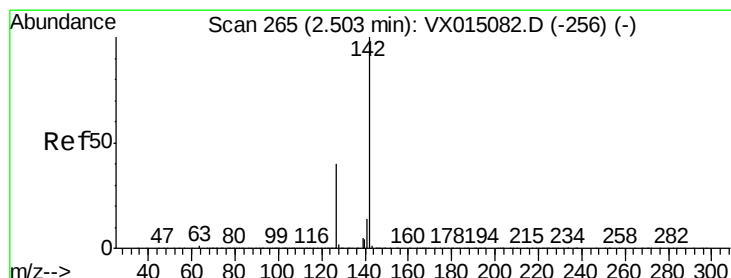
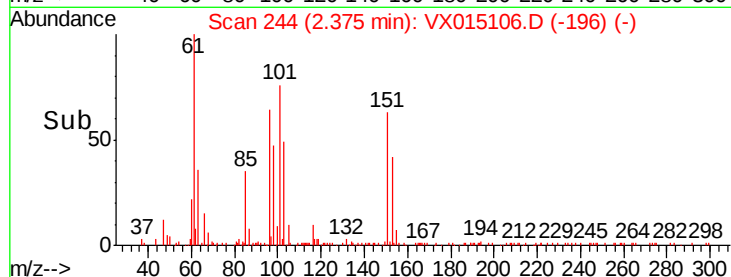
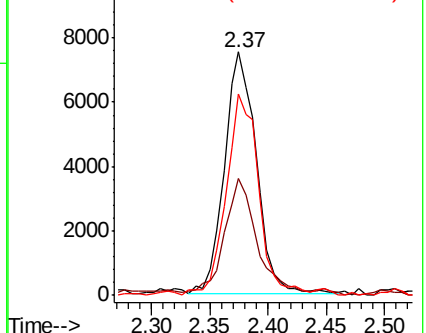
151 85.0 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.682 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

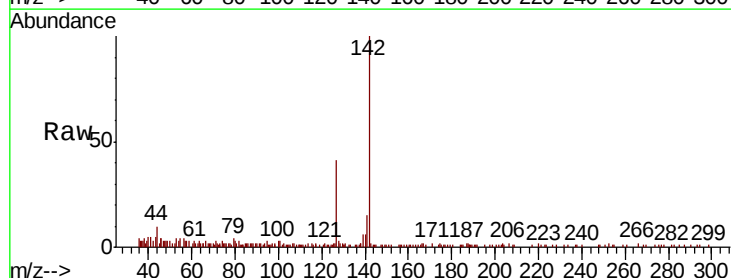
Tgt Ion:142 Resp: 12311

Ion Ratio Lower Upper

142 100

127 45.3 31.7 47.5

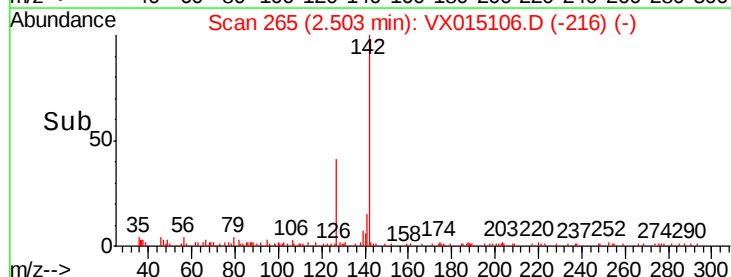
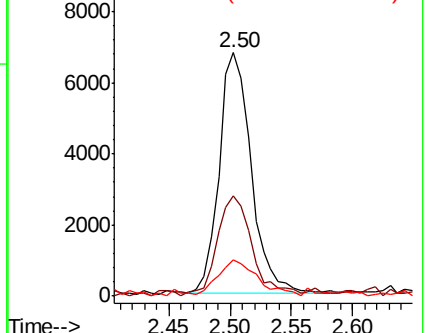
141 18.5 11.3 16.9#

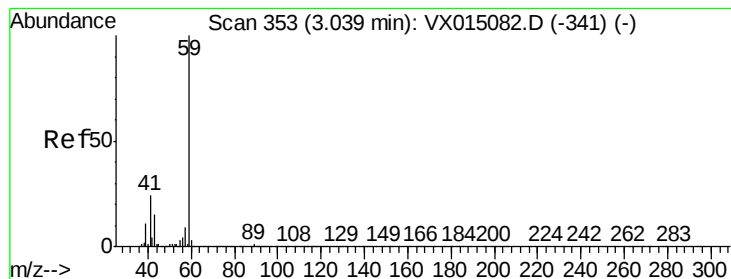


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



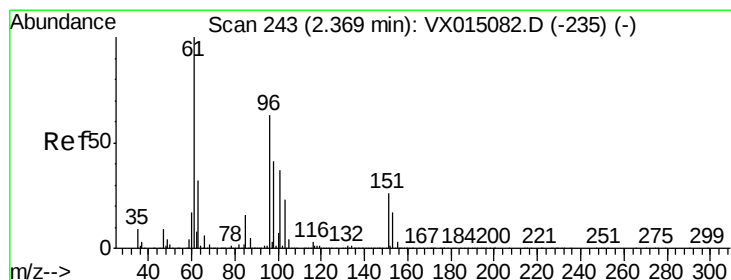
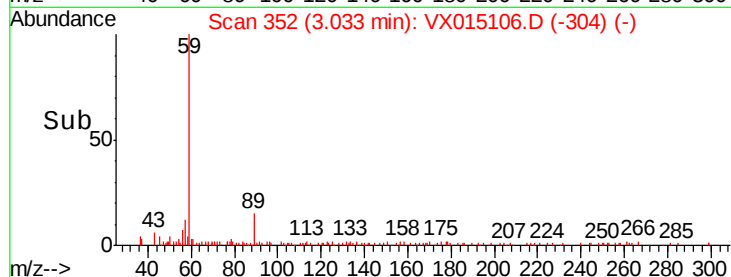
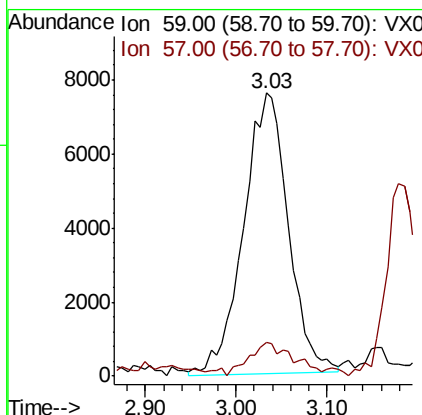
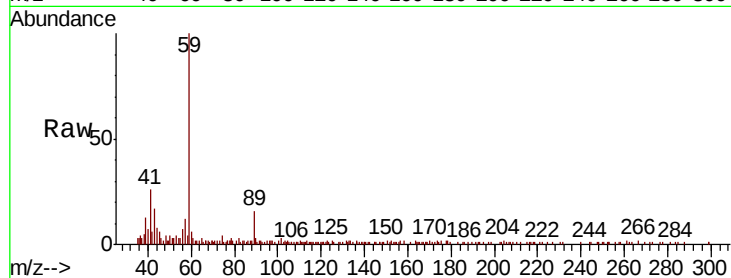


#11

Tert butyl alcohol
 Concen: 40.059 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX015106.D
 Acq: 05 Mar 2020 13:03

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

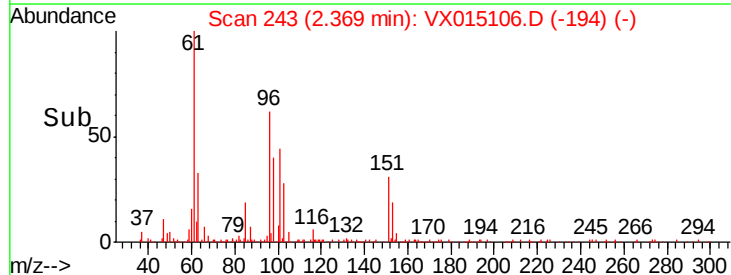
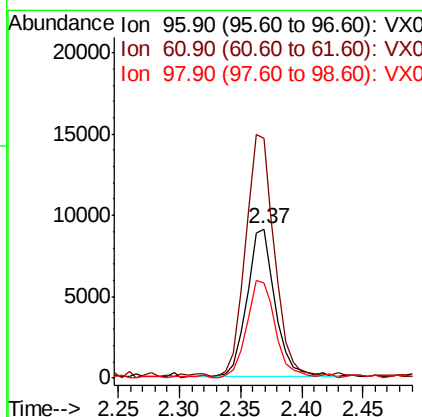
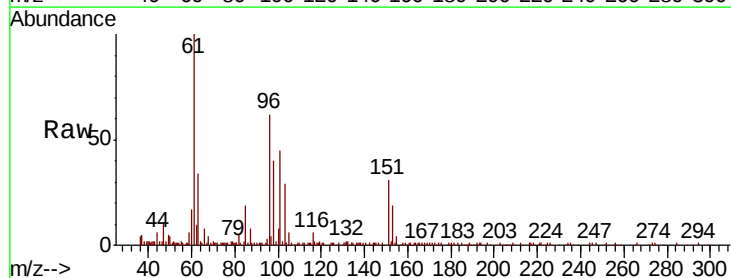
Tot Ion: 59 Resp: 25919
 Ion Ratio Lower Upper
 59 100
 57 11.8 8.2 12.4

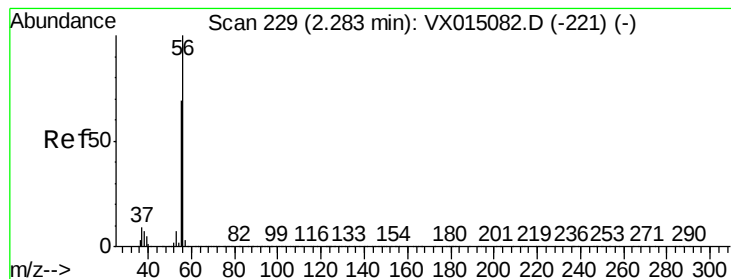


#12

1,1-Dichloroethene
 Concen: 4.766 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX015106.D
 Acq: 05 Mar 2020 13:03

Tgt Ion: 96 Resp: 14560
 Ion Ratio Lower Upper
 96 100
 61 159.1 126.2 189.4
 98 64.4 51.4 77.0





#13

Acrolein

Concen: 27.703 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

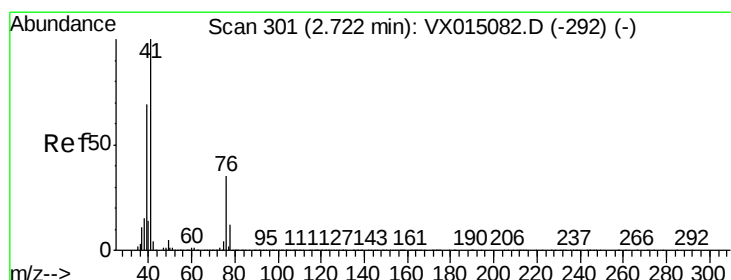
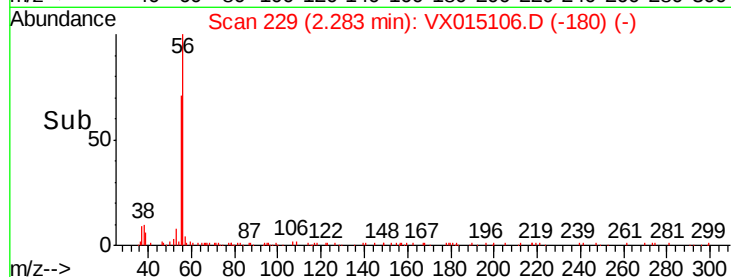
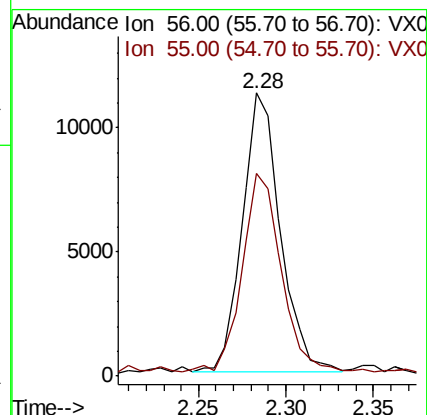
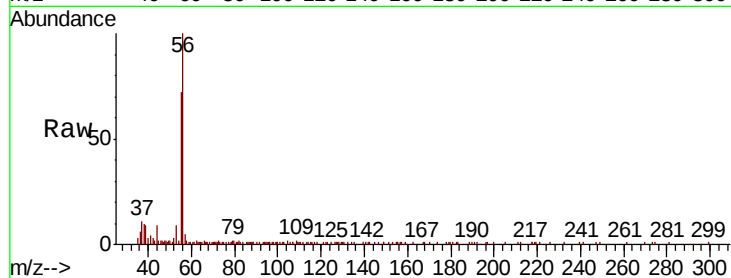
LOQ-WATER-02-QT1-2020

Tot Ion: 56 Resp: 16845

Ion Ratio Lower Upper

56 100

55 72.3 55.4 83.0



#14

Allyl chloride

Concen: 5.092 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

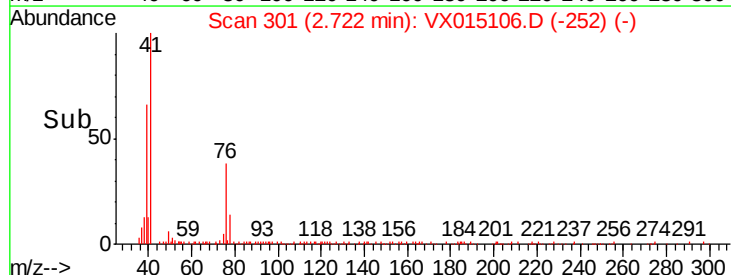
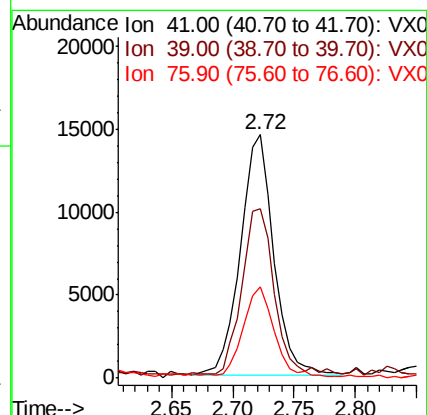
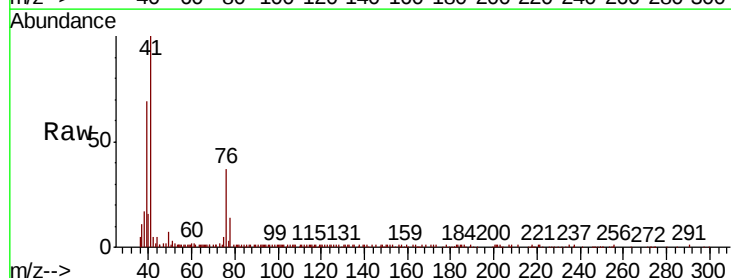
Tgt Ion: 41 Resp: 27120

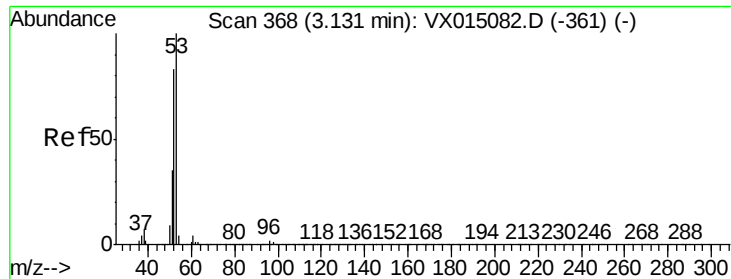
Ion Ratio Lower Upper

41 100

39 69.1 52.9 79.3

76 34.0 26.8 40.2

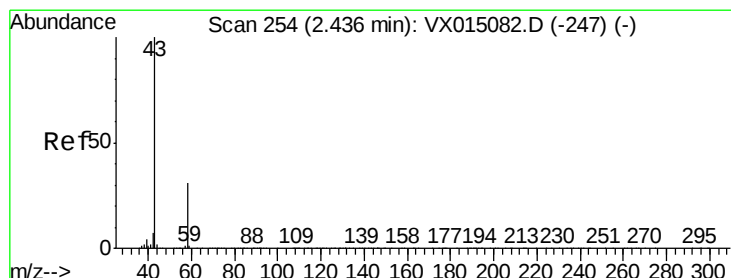
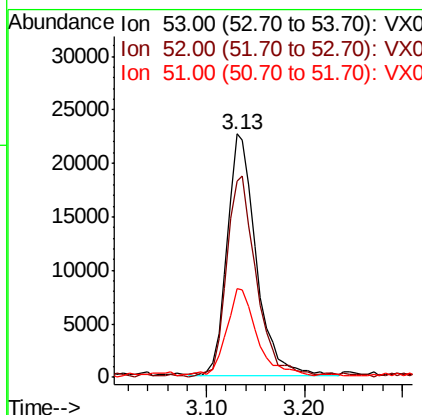
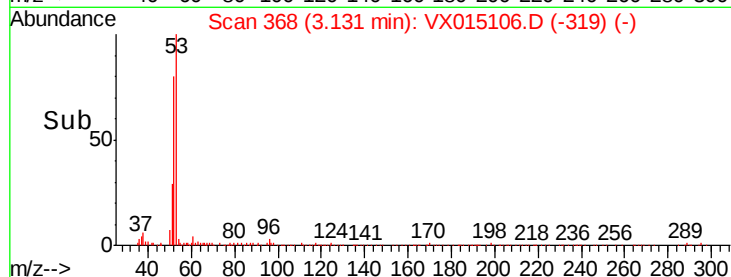
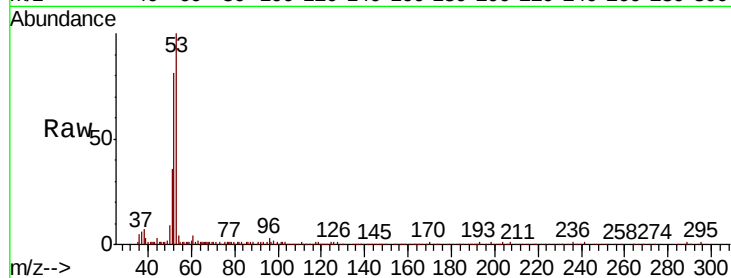




#15
 Acrylonitrile
 Concen: 28.668 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX015106.D
 Acq: 05 Mar 2020 13:03

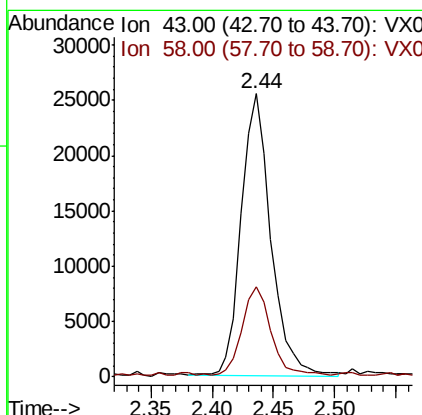
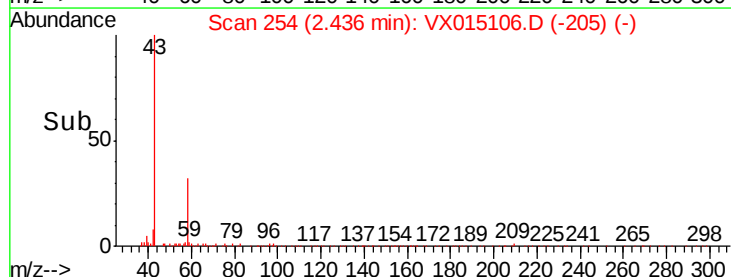
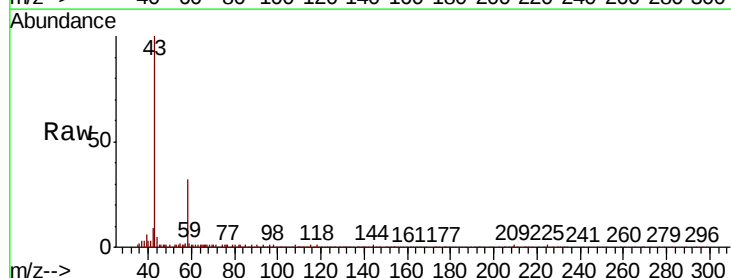
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

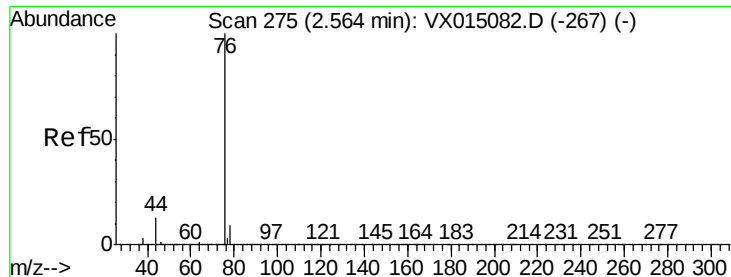
Tot Ion: 53 Resp: 46194
 Ion Ratio Lower Upper
 53 100
 52 86.7 66.6 100.0
 51 37.5 29.0 43.6



#16
 Acetone
 Concen: 28.410 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX015106.D
 Acq: 05 Mar 2020 13:03

Tgt Ion: 43 Resp: 42907
 Ion Ratio Lower Upper
 43 100
 58 31.1 24.8 37.2





#17

Carbon Disulfide

Concen: 4.719 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

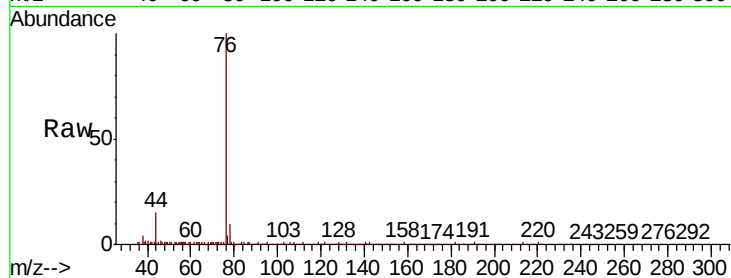
LOQ-WATER-02-QT1-2020

Tot Ion: 76 Resp: 40028

Ion Ratio Lower Upper

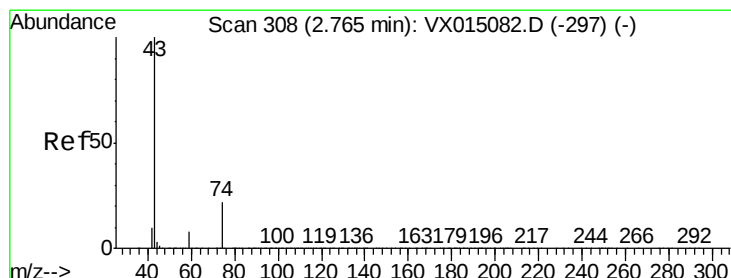
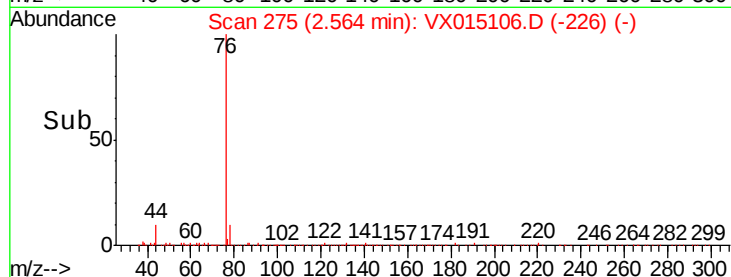
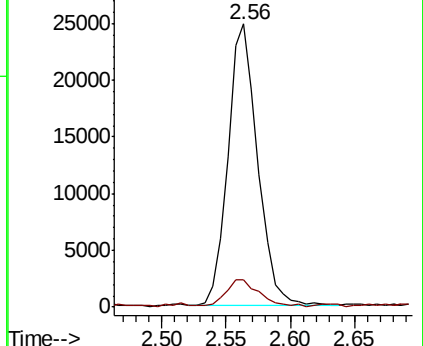
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 5.560 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015106.D

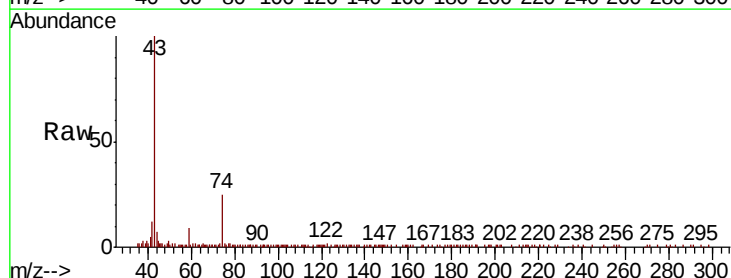
Acq: 05 Mar 2020 13:03

Tgt Ion: 43 Resp: 20533

Ion Ratio Lower Upper

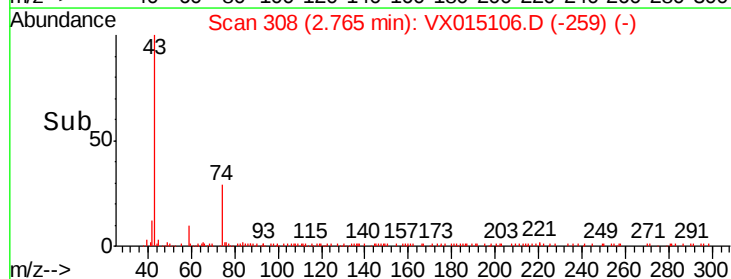
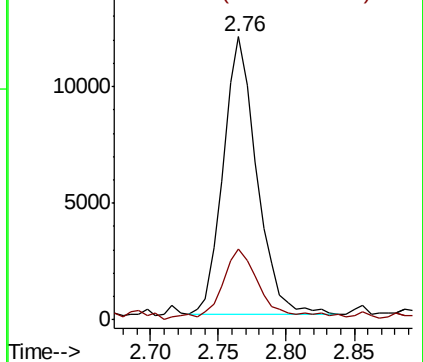
43 100

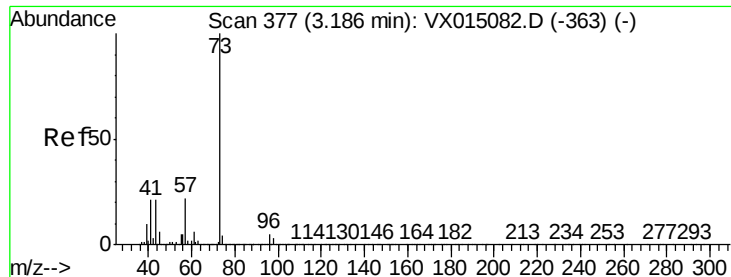
74 28.1 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

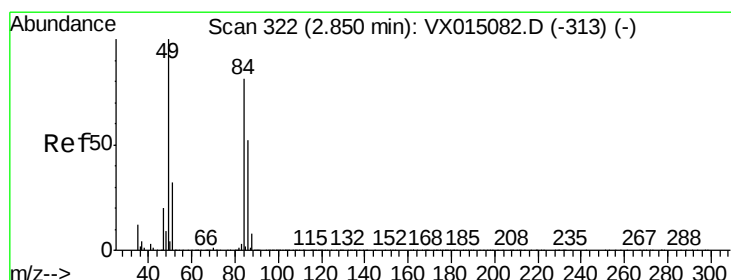
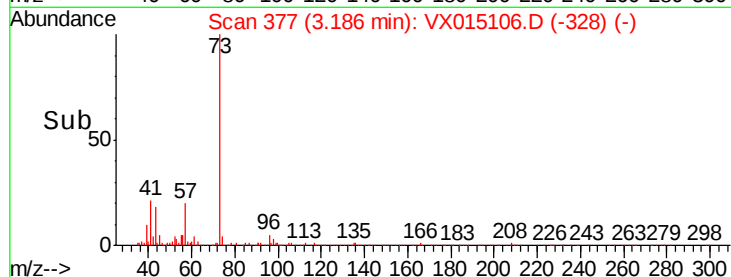
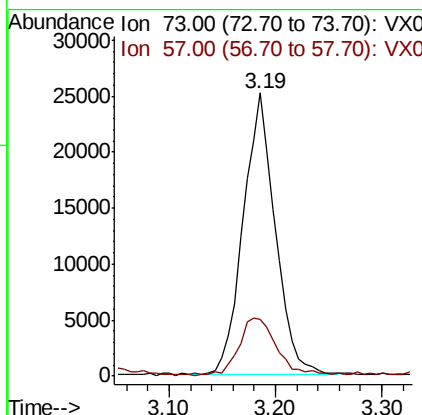
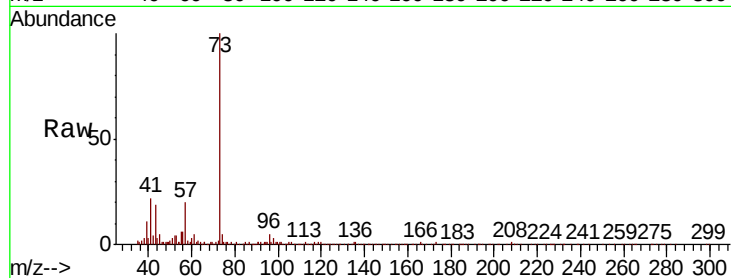




#19
Methyl tert-butyl Ether
Concen: 5.523 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

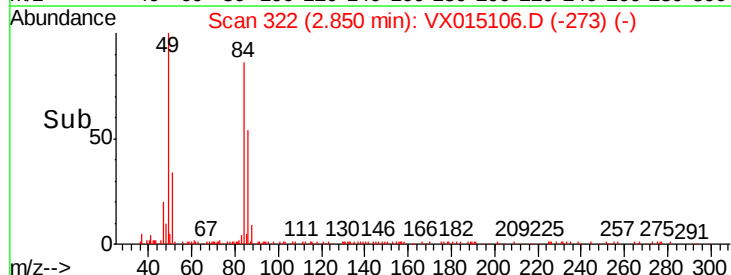
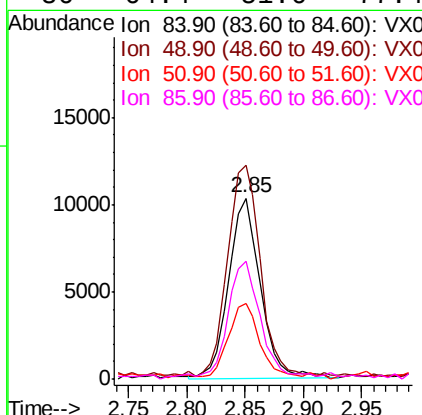
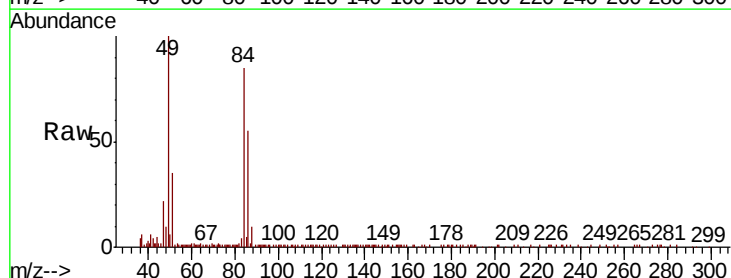
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

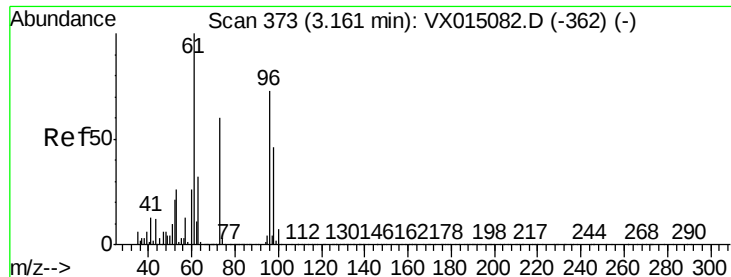
Tot Ion: 73 Resp: 52721
Ion Ratio Lower Upper
73 100
57 19.9 17.8 26.6



#20
Methylene Chloride
Concen: 5.536 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

Tgt Ion: 84 Resp: 19565
Ion Ratio Lower Upper
84 100
49 117.0 99.4 149.2
51 40.9 31.5 47.3
86 64.4 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 5.101 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

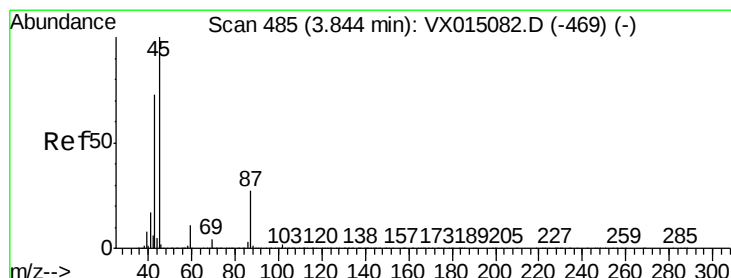
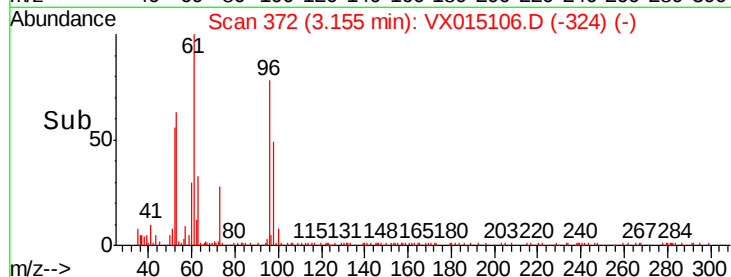
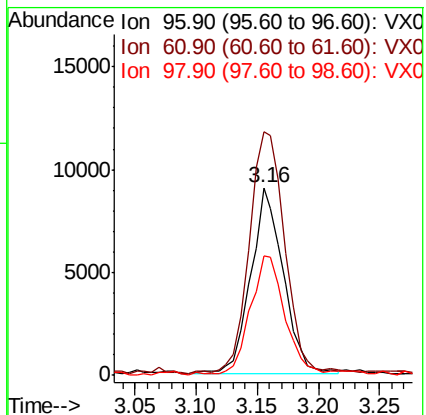
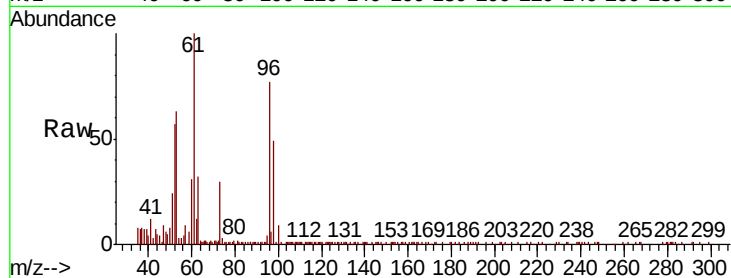
Tot Ion: 96 Resp: 16638

Ion Ratio Lower Upper

96 100

61 130.1 109.9 164.9

98 64.5 50.2 75.2



#22

Diisopropyl ether

Concen: 5.624 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Tgt Ion: 45 Resp: 59678

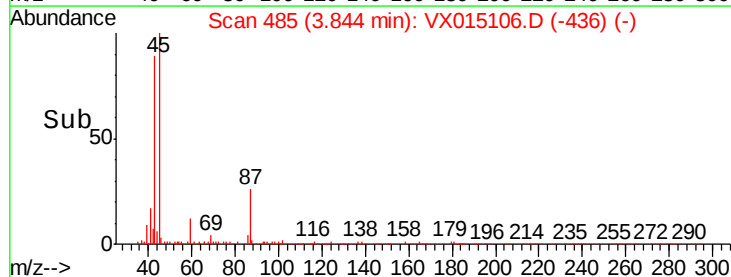
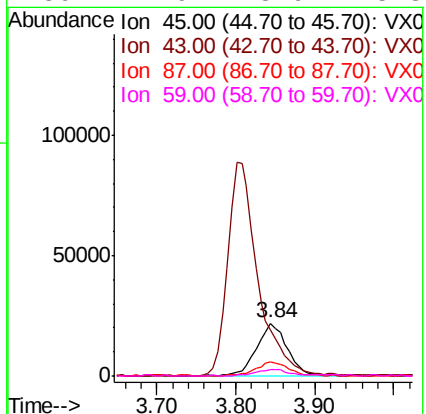
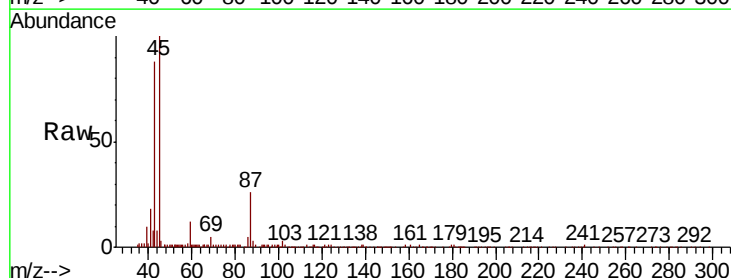
Ion Ratio Lower Upper

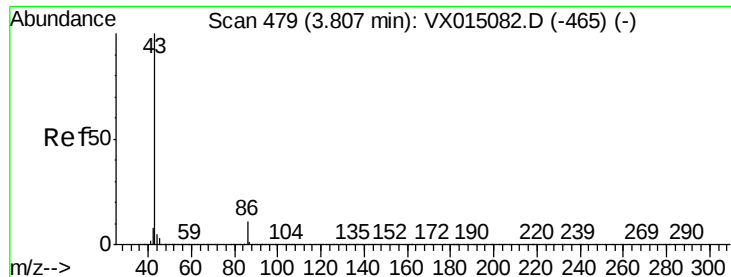
45 100

43 87.3 58.2 87.2#

87 25.4 21.2 31.8

59 11.9 8.9 13.3





#23

Vinyl Acetate

Concen: 27.376 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

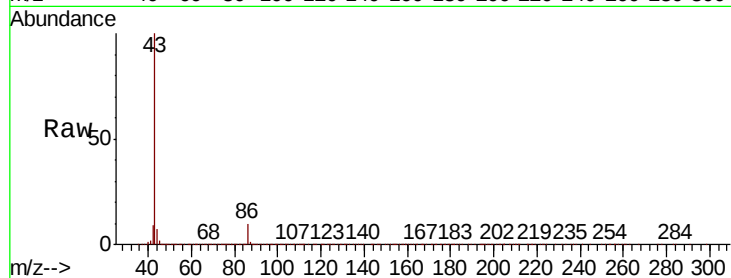
LOQ-WATER-02-QT1-2020

Tot Ion: 43 Resp: 238800

Ion Ratio Lower Upper

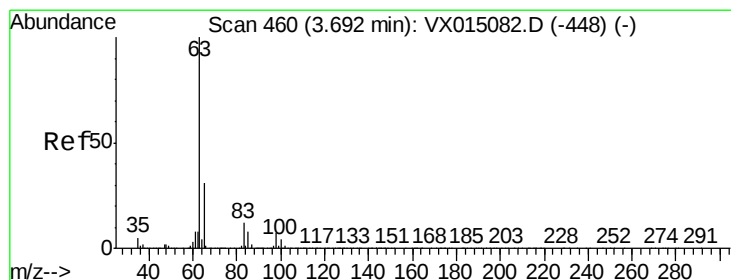
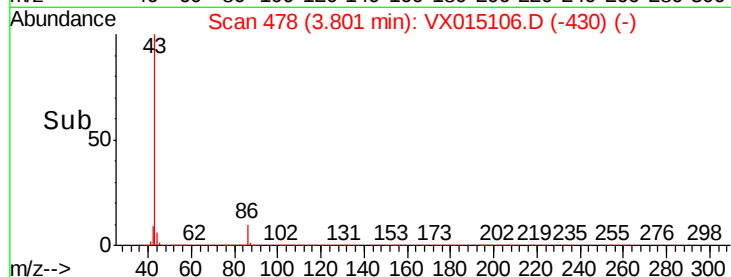
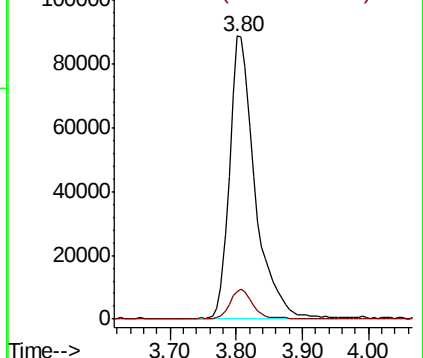
43 100

86 9.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.238 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

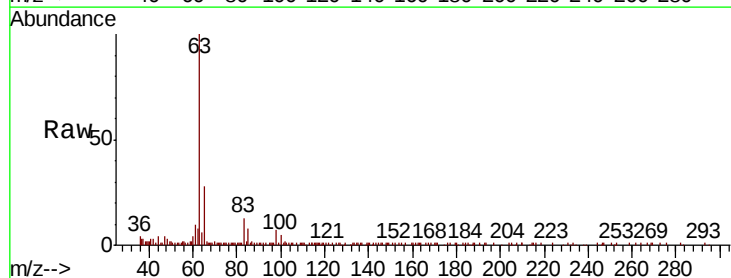
Tgt Ion: 63 Resp: 30848

Ion Ratio Lower Upper

63 100

98 6.2 3.7 11.1

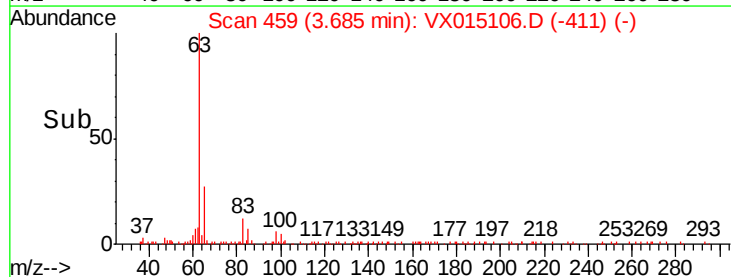
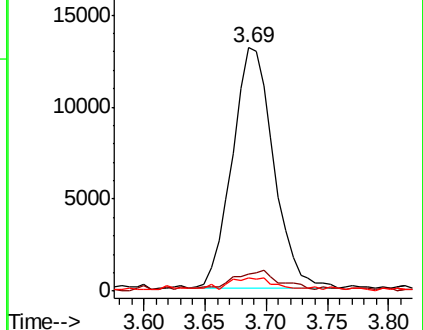
100 4.2 2.1 6.5

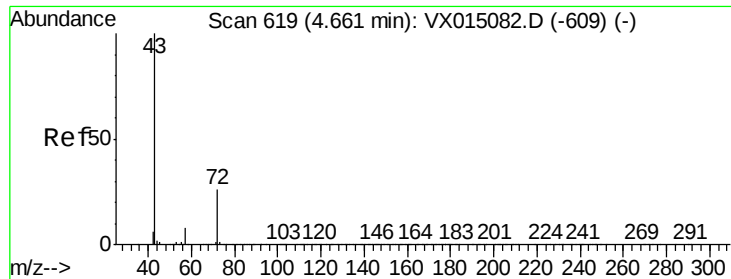


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 28.739 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

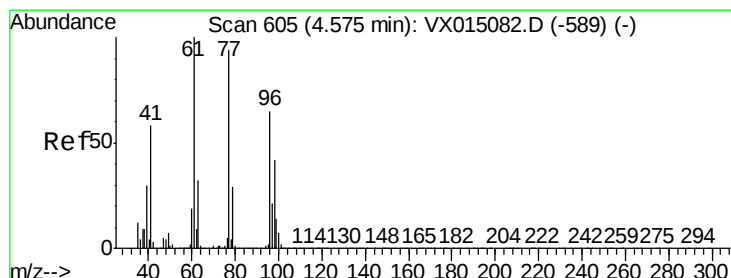
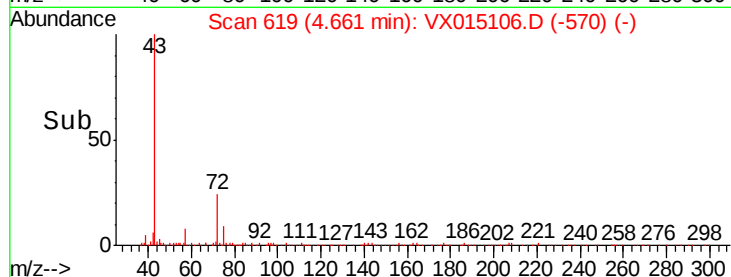
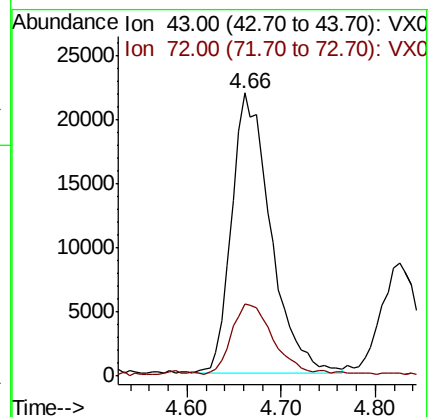
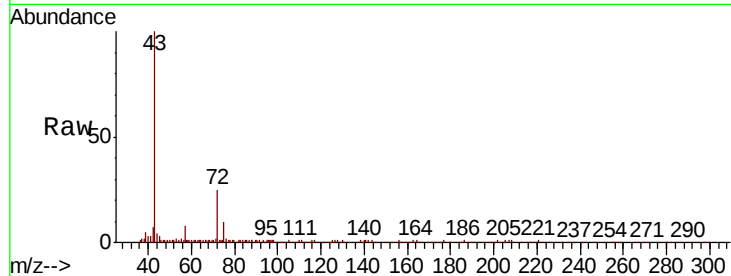
LOQ-WATER-02-QT1-2020

Tot Ion: 43 Resp: 63544

Ion Ratio Lower Upper

43 100

72 24.2 20.6 30.8



#26

2,2-Dichloropropane

Concen: 4.980 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015106.D

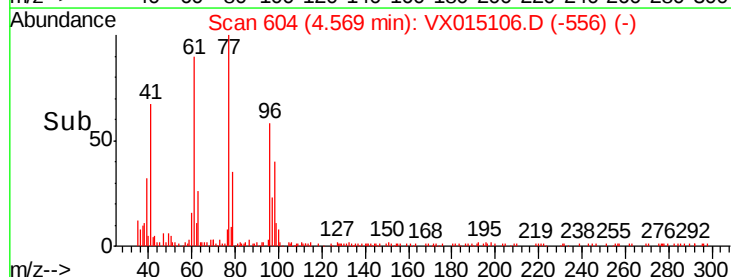
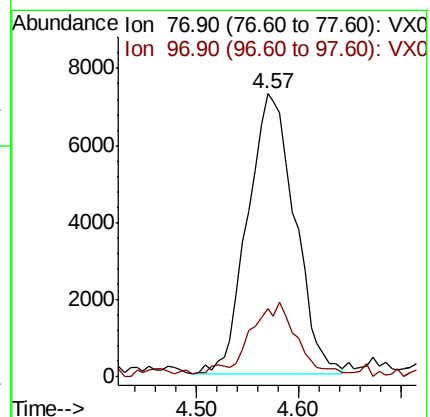
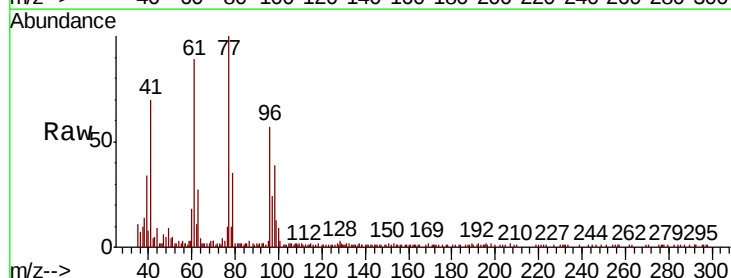
Acq: 05 Mar 2020 13:03

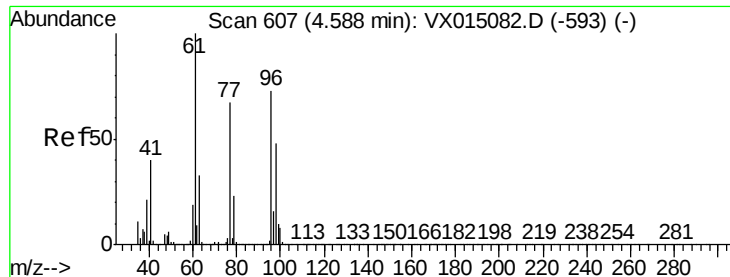
Tgt Ion: 77 Resp: 23283

Ion Ratio Lower Upper

77 100

97 24.1 11.8 35.4



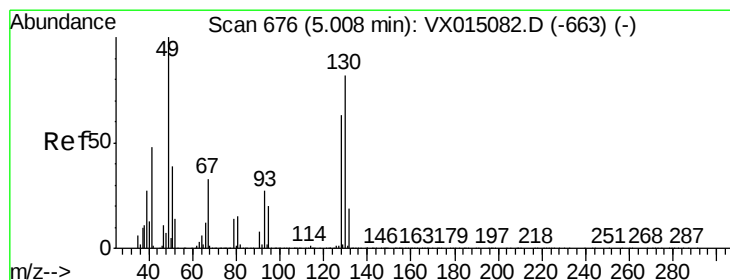
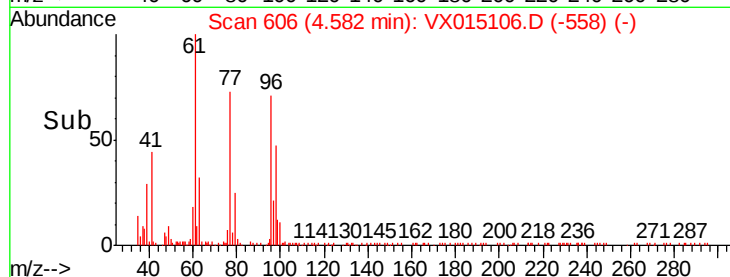
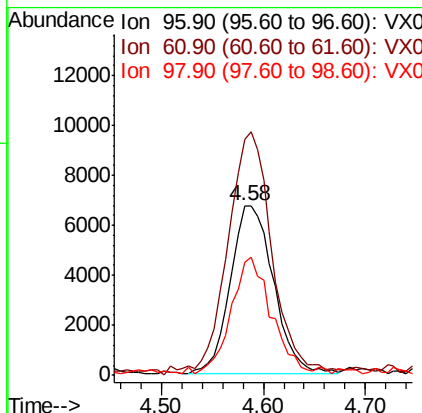
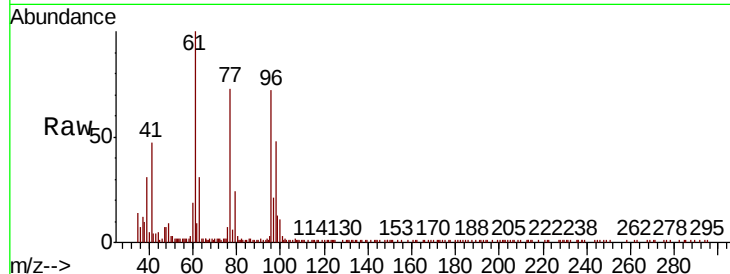


#27

cis-1,2-Dichloroethene
Concen: 5.420 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

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

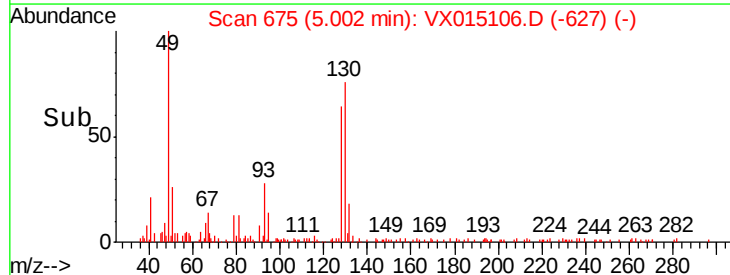
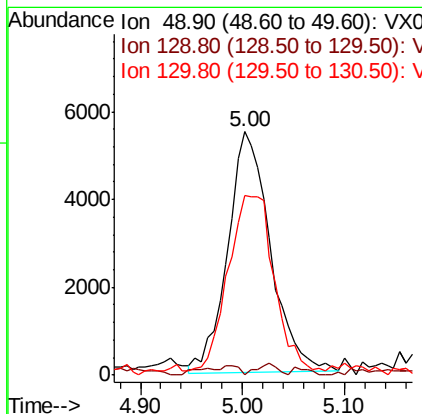
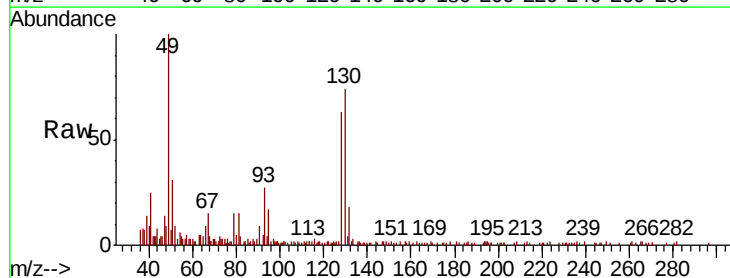
Tot Ion	Ratio	Lower	Upper
96	100		
61	150.0	0.0	286.8
98	64.9	0.0	128.4

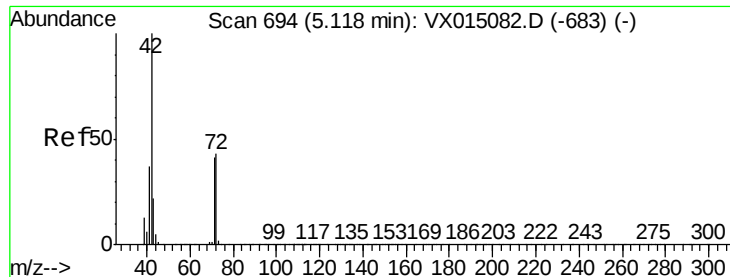


#28

Bromochloromethane
Concen: 5.965 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.4
130	78.1	65.0	97.6





#29

Tetrahydrofuran

Concen: 27.874 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

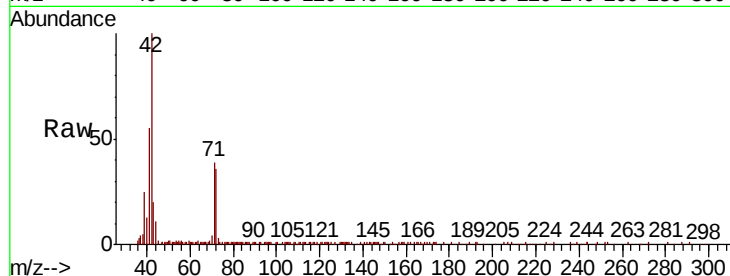
Tot Ion: 42 Resp: 39728

Ion Ratio Lower Upper

42 100

72 43.2 36.4 54.6

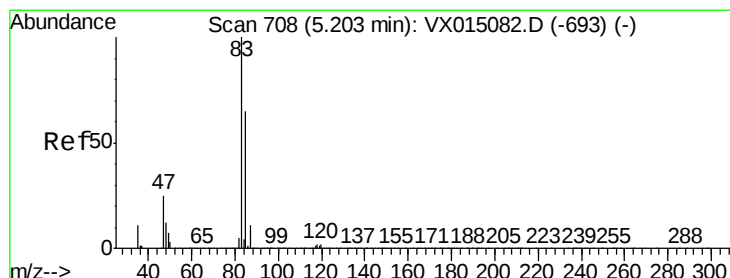
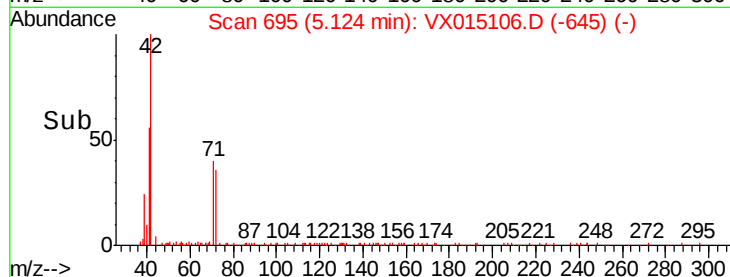
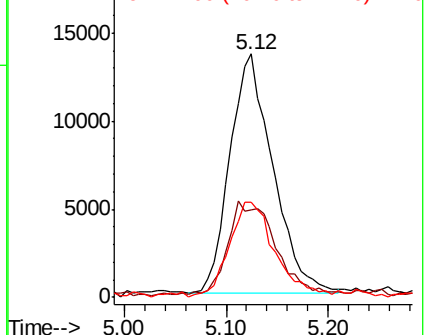
71 42.5 33.3 49.9



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 5.741 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015106.D

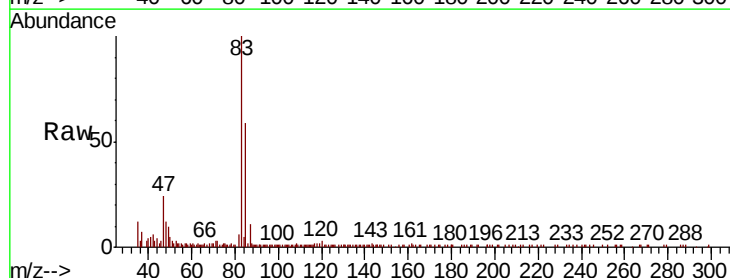
Acq: 05 Mar 2020 13:03

Tgt Ion: 83 Resp: 32956

Ion Ratio Lower Upper

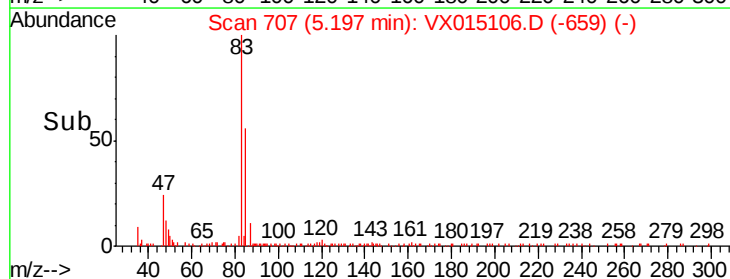
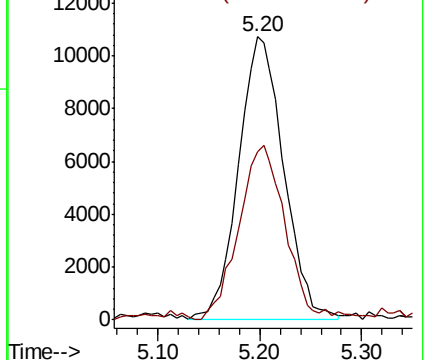
83 100

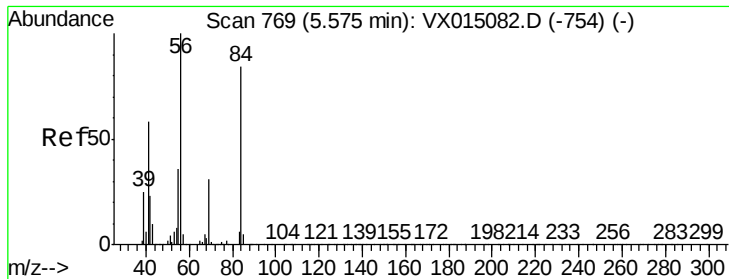
85 59.2 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

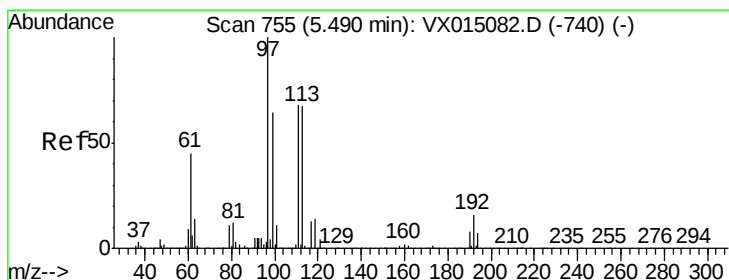
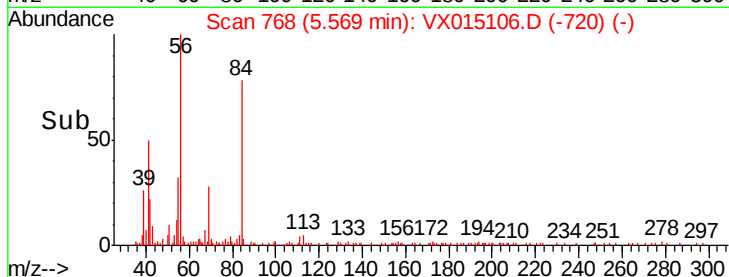
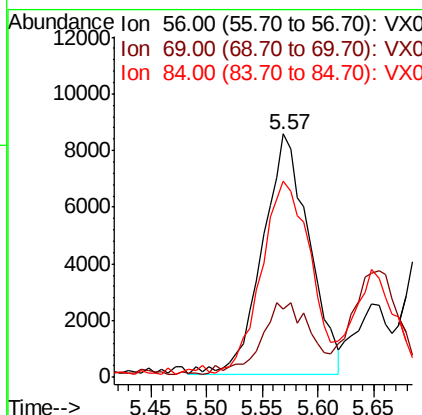
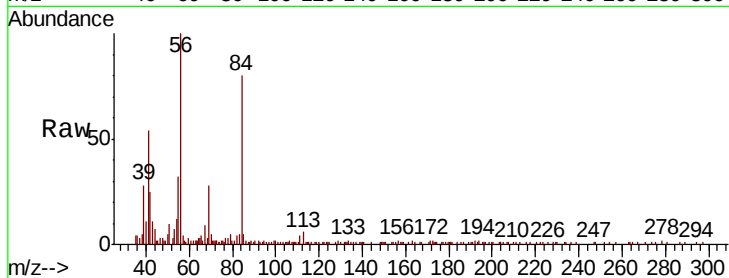




#31
Cyclohexane
Concen: 4.676 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

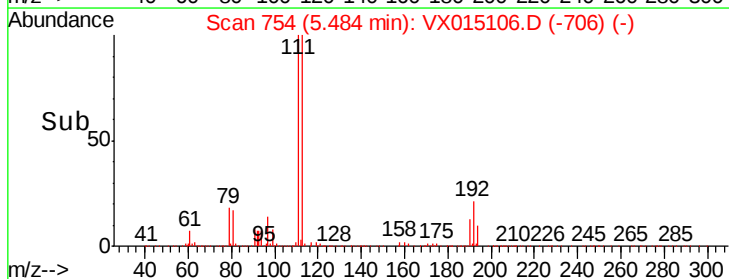
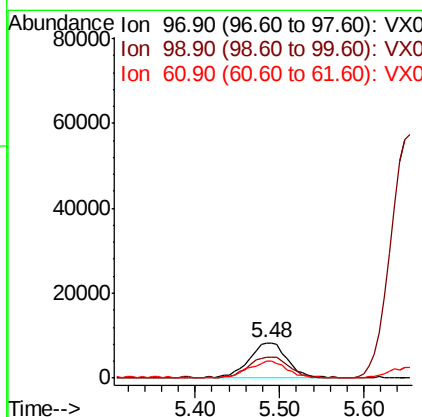
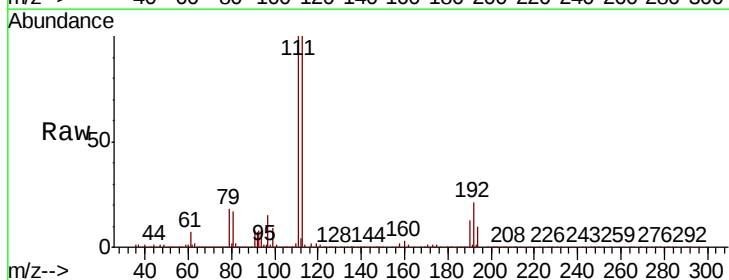
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

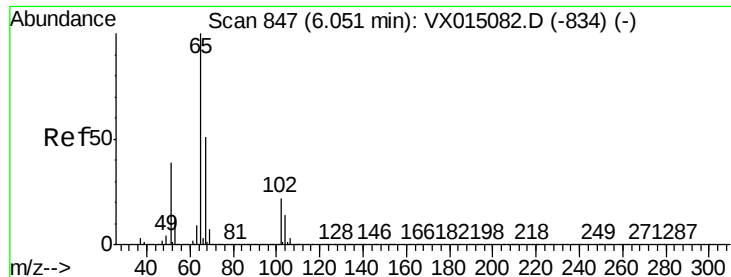
Tot Ion: 56 Resp: 24562
Ion Ratio Lower Upper
56 100
69 27.0 25.0 37.6
84 76.5 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 5.307 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

Tgt Ion: 97 Resp: 25251
Ion Ratio Lower Upper
97 100
99 60.1 52.8 79.2
61 49.9 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 56.696 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

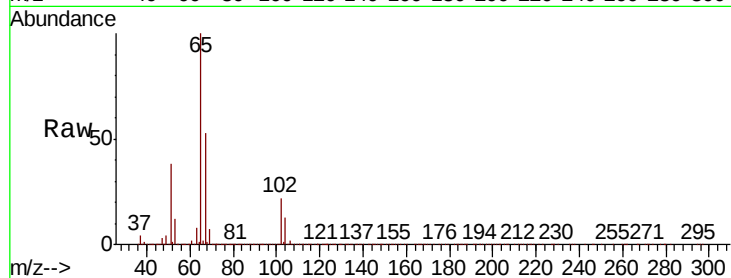
LOQ-WATER-02-QT1-2020

Tot Ion: 65 Resp: 211434

Ion Ratio Lower Upper

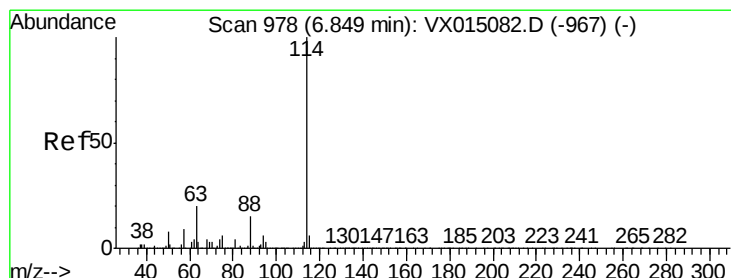
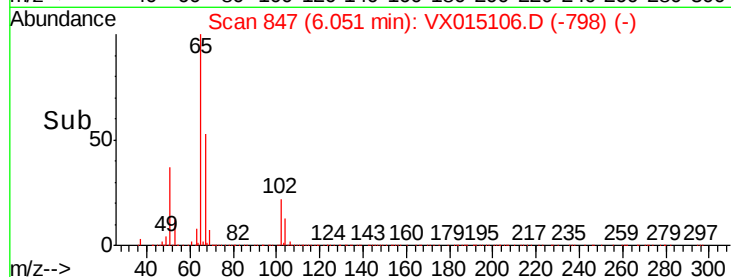
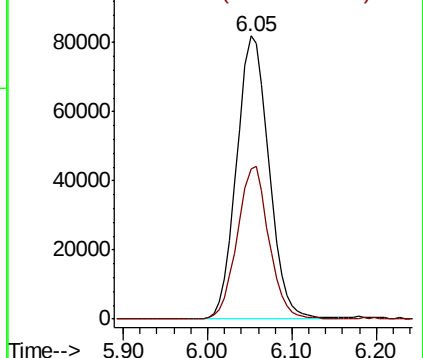
65 100

67 52.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

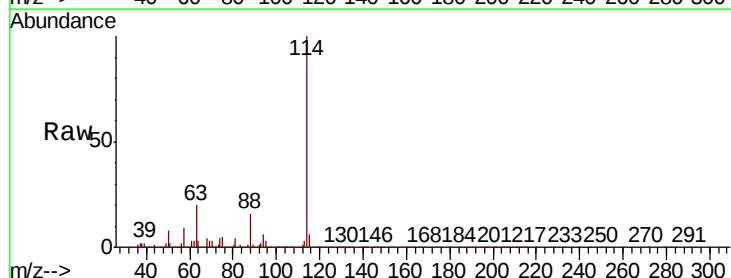
Tgt Ion: 114 Resp: 502885

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

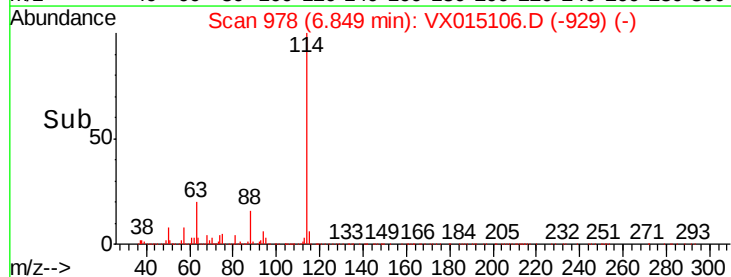
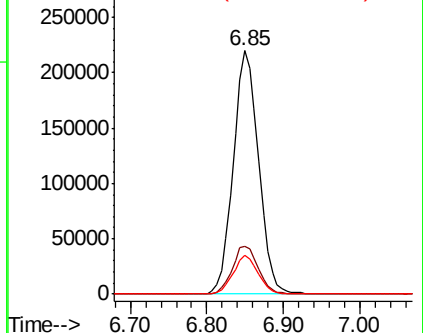
88 15.7 0.0 30.6

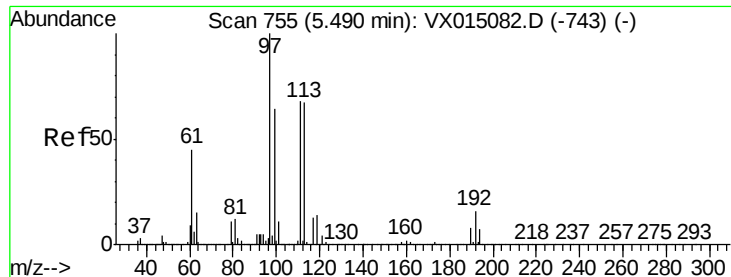


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

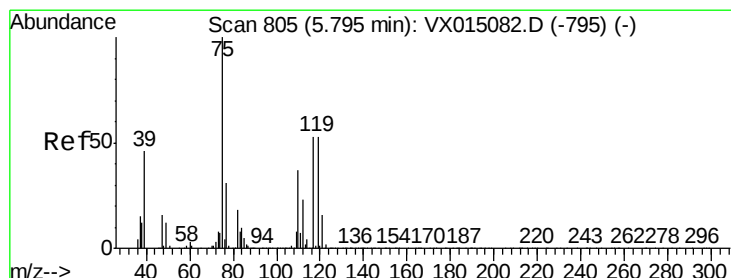
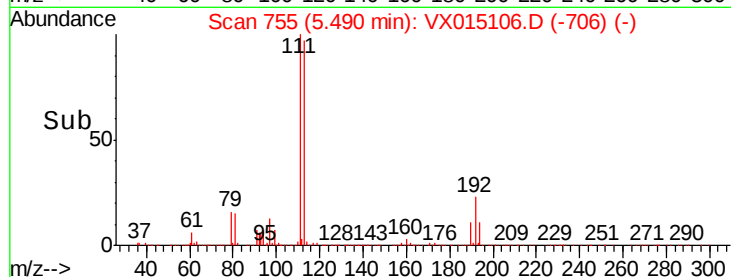
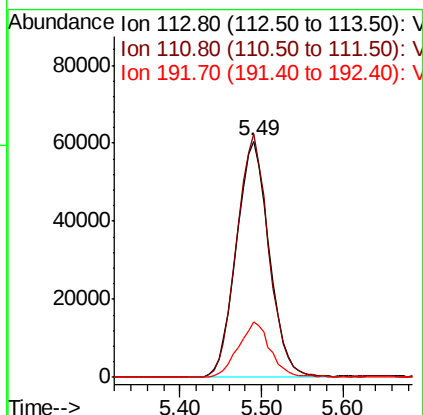
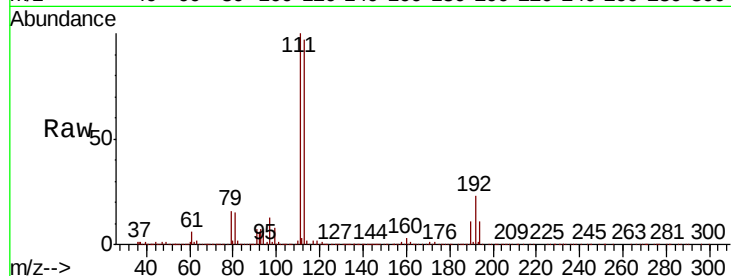




#35
 Dibromofluoromethane
 Concen: 52.996 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX015106.D
 Acq: 05 Mar 2020 13:03

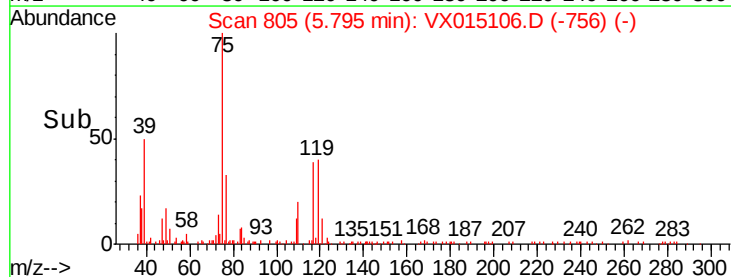
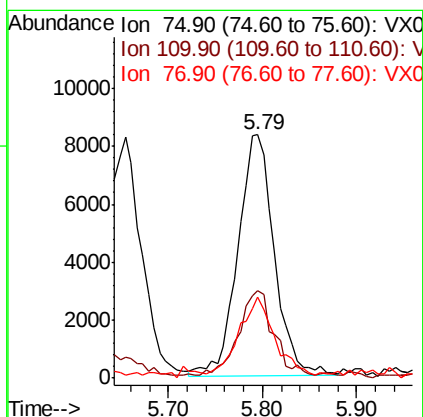
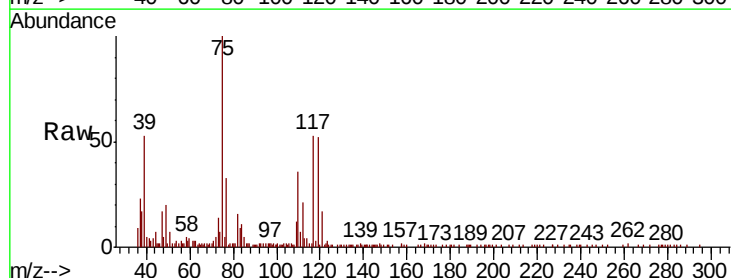
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

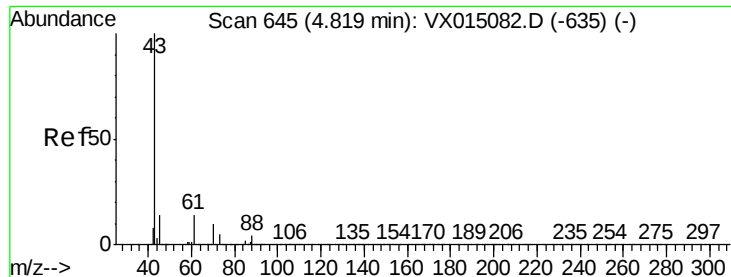
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.4	82.6	123.8
192	22.9	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 4.848 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX015106.D
 Acq: 05 Mar 2020 13:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	17.9	53.8
77	32.1	24.8	37.2

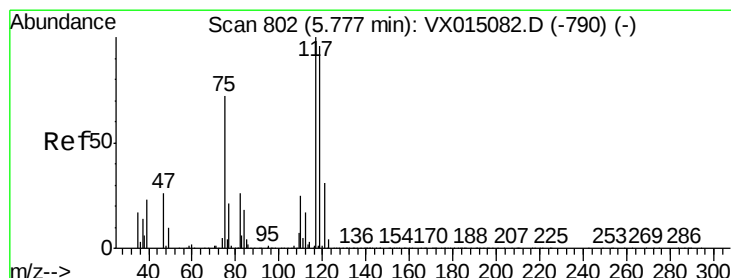
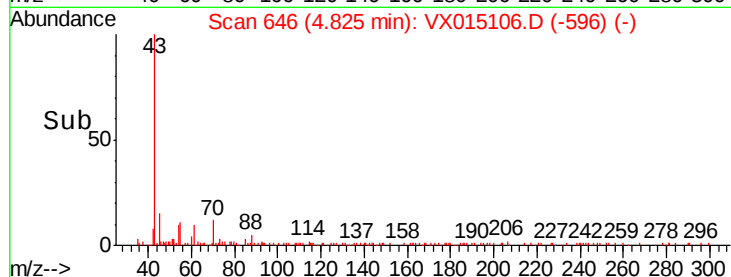
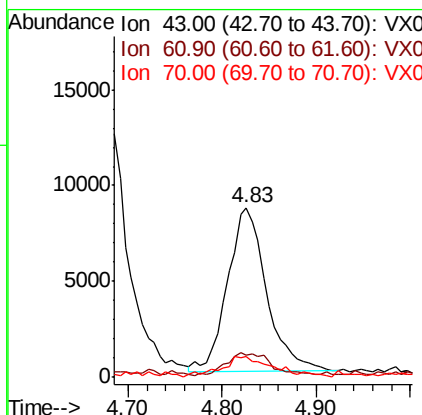
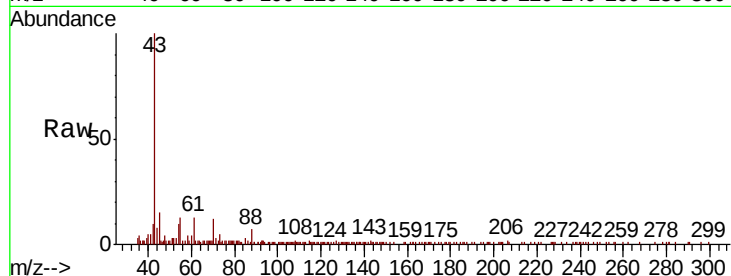




#37
Ethyl Acetate
Concen: 5.699 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

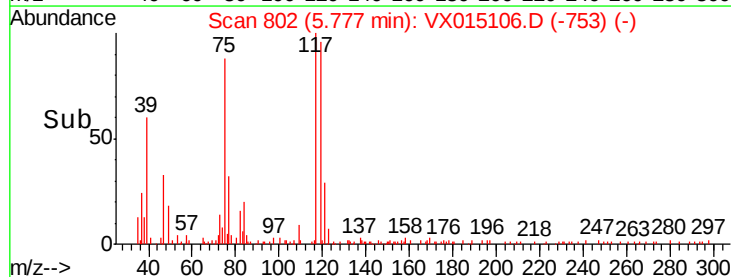
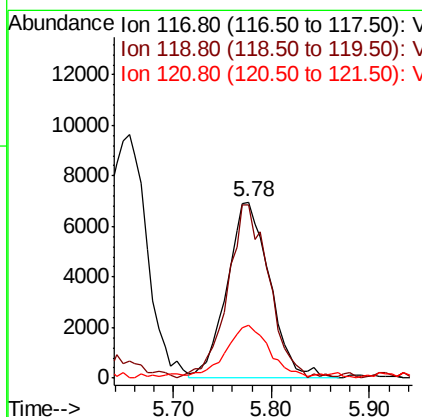
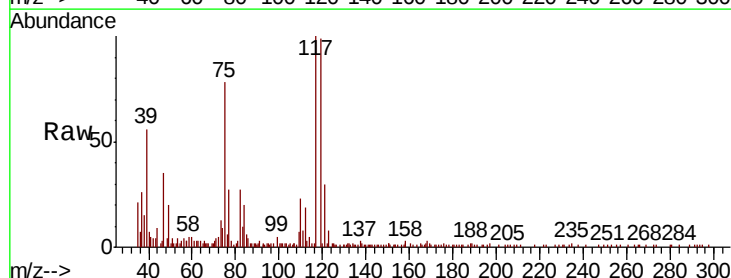
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

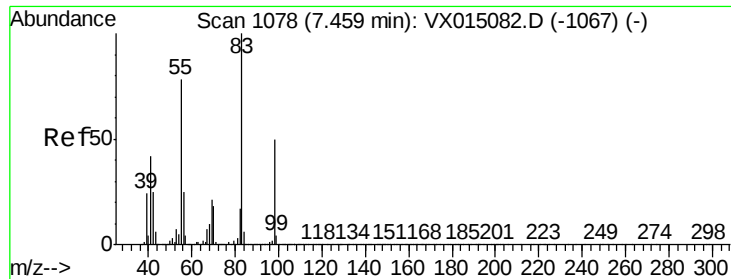
Tot Ion: 43 Resp: 24575
Ion Ratio Lower Upper
43 100
61 15.6 11.0 16.4
70 16.0 8.1 12.1#



#38
Carbon Tetrachloride
Concen: 4.815 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

Tgt Ion: 117 Resp: 21130
Ion Ratio Lower Upper
117 100
119 97.4 76.9 115.3
121 27.7 24.6 37.0

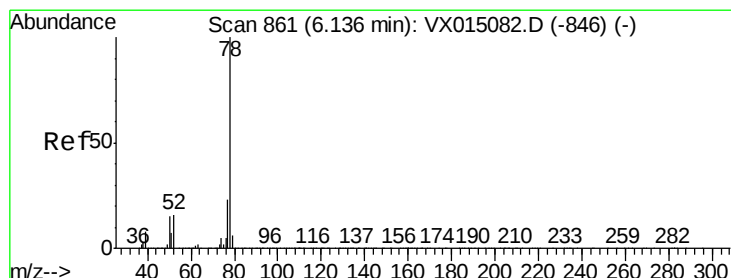
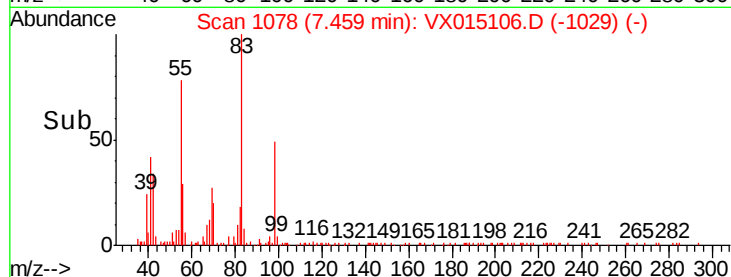
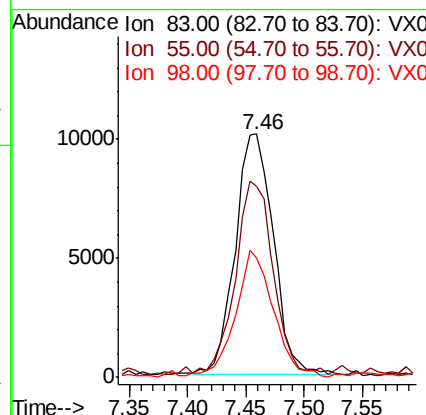
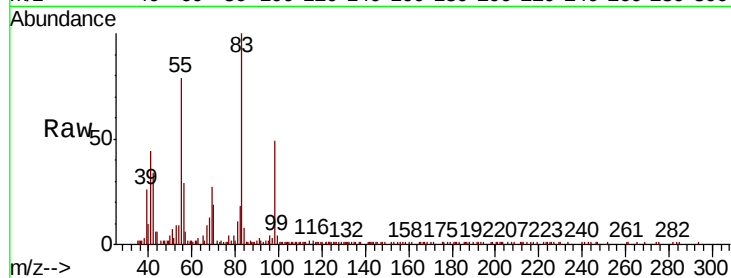




#39
Methvlcvclohexane
Concen: 4.243 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

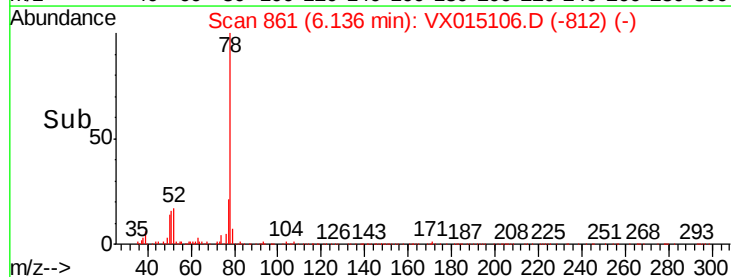
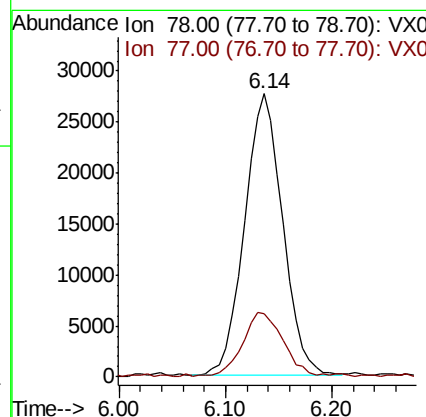
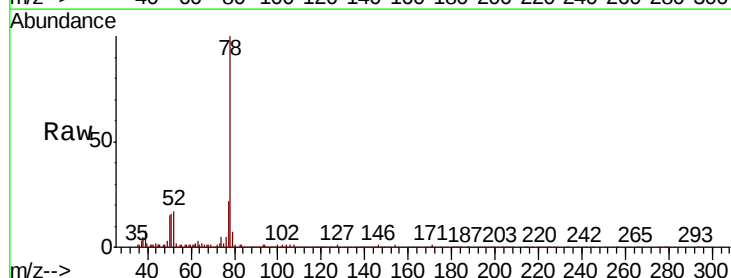
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

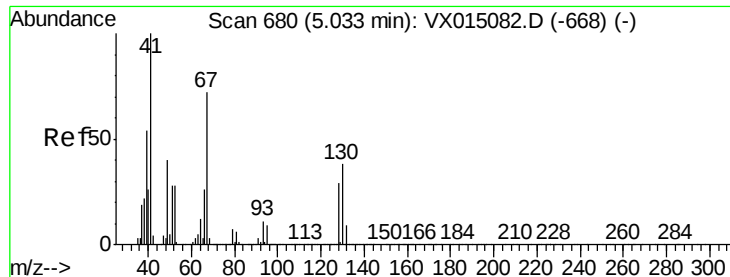
Tot Ion: 83 Resp: 23034
Ion Ratio Lower Upper
83 100
55 78.0 62.4 93.6
98 48.4 39.7 59.5



#40
Benzene
Concen: 5.039 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

Tgt Ion: 78 Resp: 69507
Ion Ratio Lower Upper
78 100
77 22.2 18.6 28.0

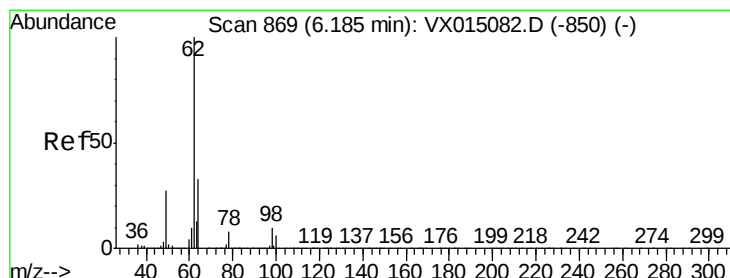
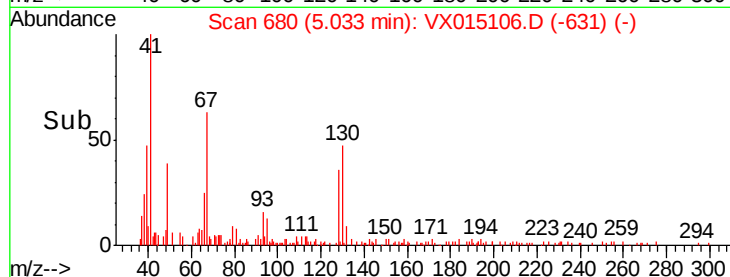
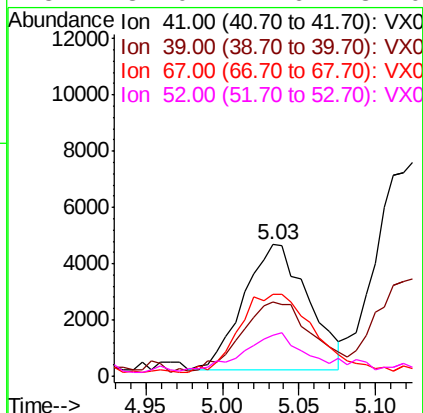
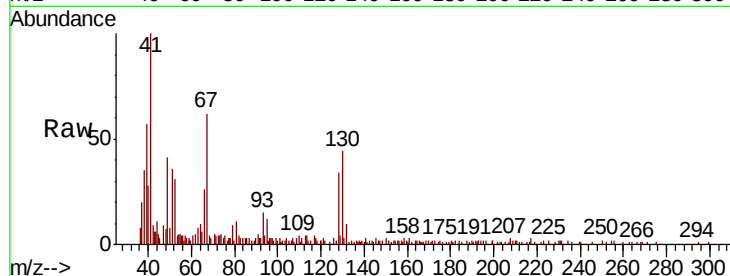




#41
Methacrylonitrile
Concen: 5.050 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

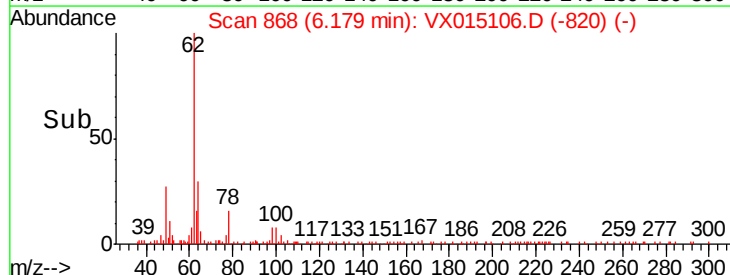
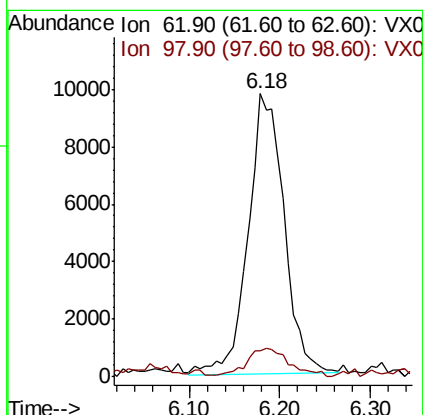
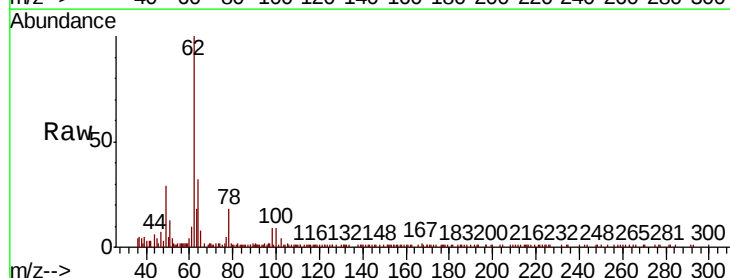
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

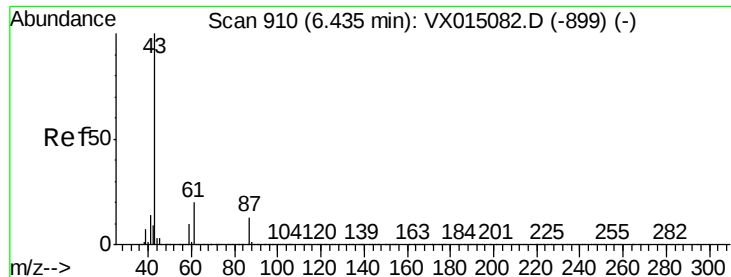
Tot Ion:	41	Resp:	13081
Ion	Ratio	Lower	Upper
41	100		
39	58.9	43.9	65.9
67	73.8	57.8	86.8
52	34.0	22.6	34.0#



#42
1,2-Dichloroethane
Concen: 5.638 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

Tgt Ion:	62	Resp:	26707
Ion	Ratio	Lower	Upper
62	100		
98	12.2	0.0	20.6





#43

Isopropyl Acetate

Concen: 5.174 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

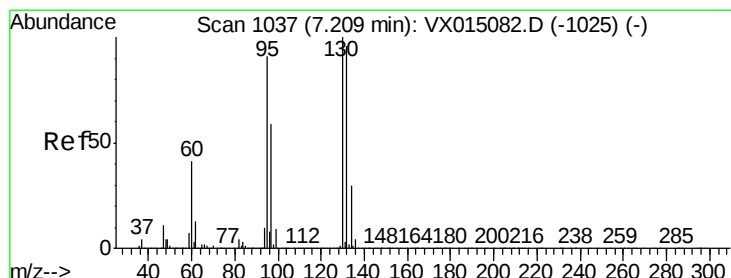
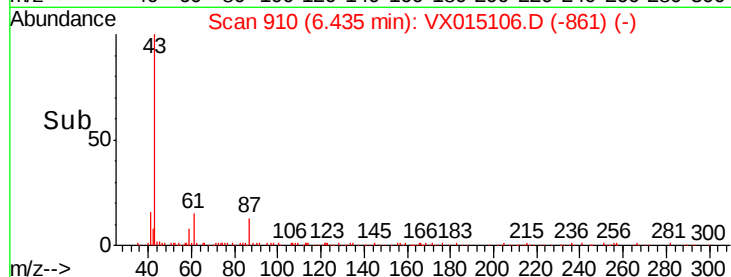
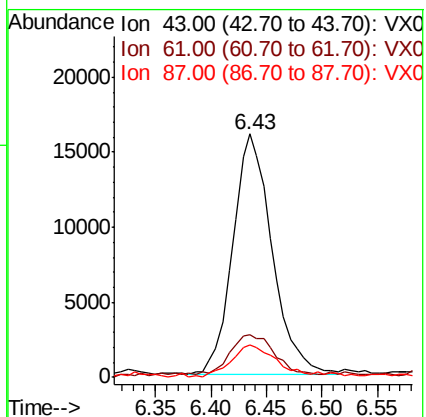
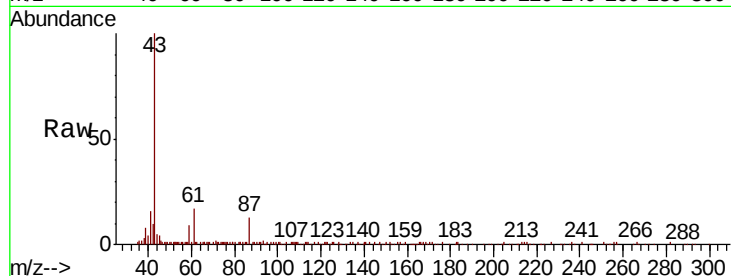
Tot Ion: 43 Resp: 39249

Ion Ratio Lower Upper

43 100

61 18.6 16.1 24.1

87 15.3 10.6 16.0



#44

Trichloroethene

Concen: 5.148 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX015106.D

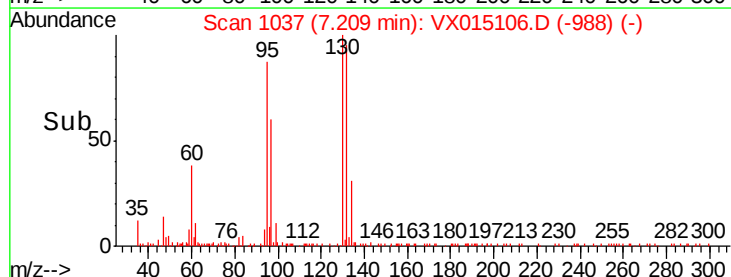
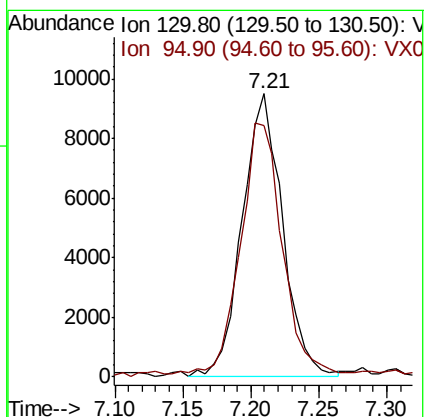
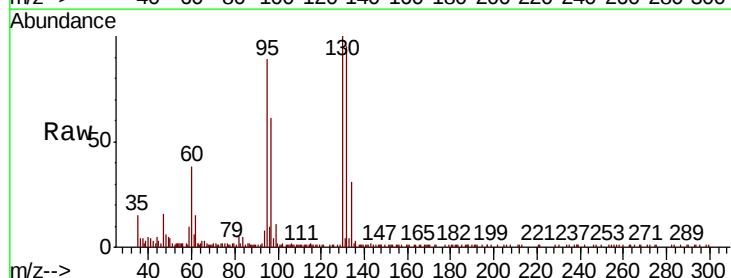
Acq: 05 Mar 2020 13:03

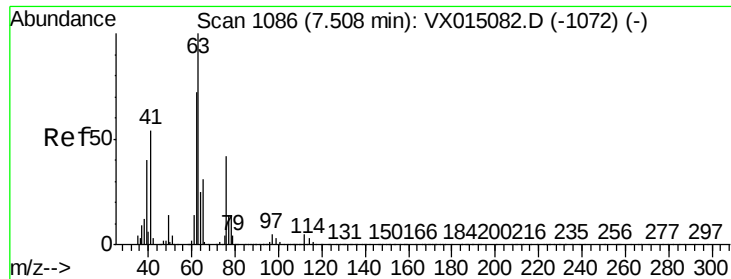
Tgt Ion: 130 Resp: 19773

Ion Ratio Lower Upper

130 100

95 87.2 0.0 181.2

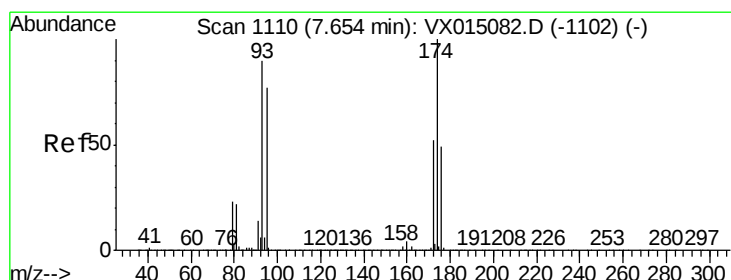
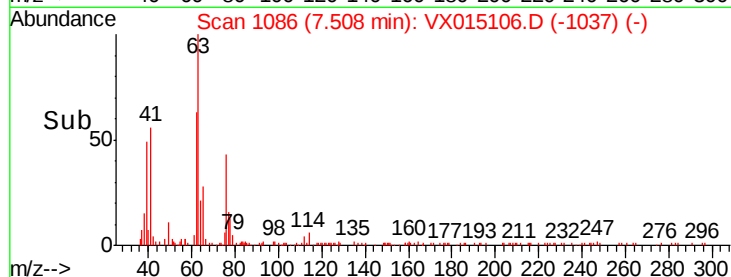
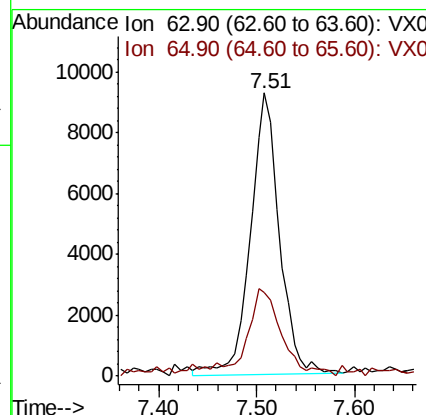
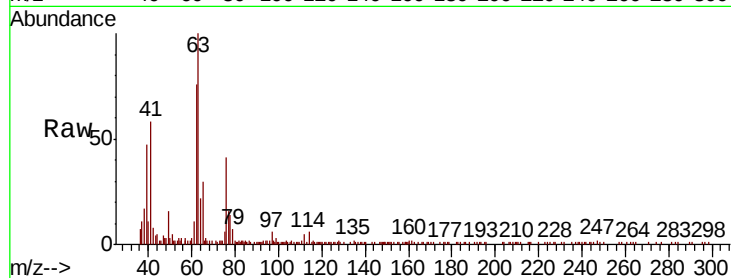




#45
 1,2-Dichloropropane
 Concen: 5.299 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015106.D
 Acq: 05 Mar 2020 13:03

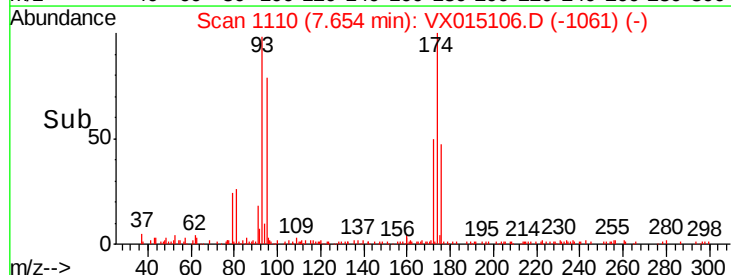
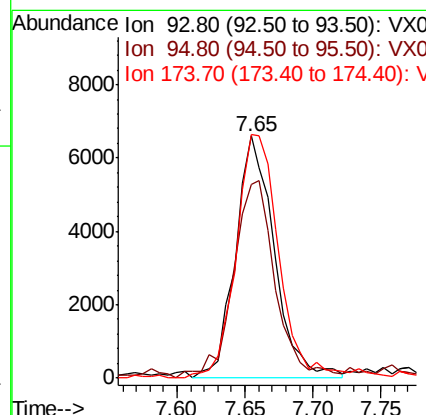
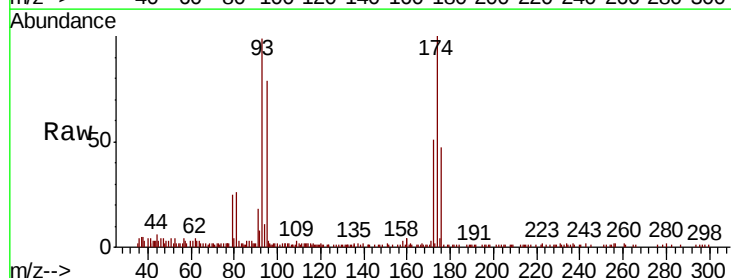
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

Tot Ion: 63 Resp: 18919
 Ion Ratio Lower Upper
 63 100
 65 26.2 24.6 36.8



#46
 Dibromomethane
 Concen: 5.682 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015106.D
 Acq: 05 Mar 2020 13:03

Tgt Ion: 93 Resp: 13218
 Ion Ratio Lower Upper
 93 100
 95 87.6 67.8 101.8
 174 109.9 91.0 136.4





#47

Bromodichloromethane

Concen: 5.089 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

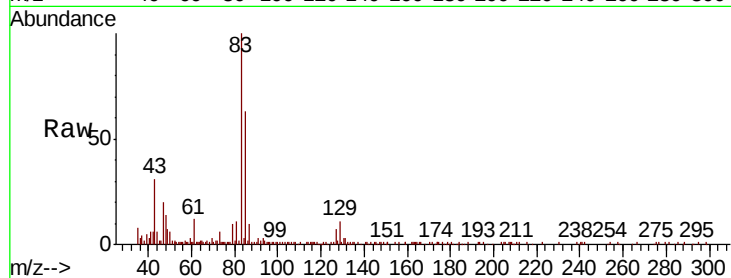
Tot Ion: 83 Resp: 23410

Ion Ratio Lower Upper

83 100

85 62.0 50.6 75.8

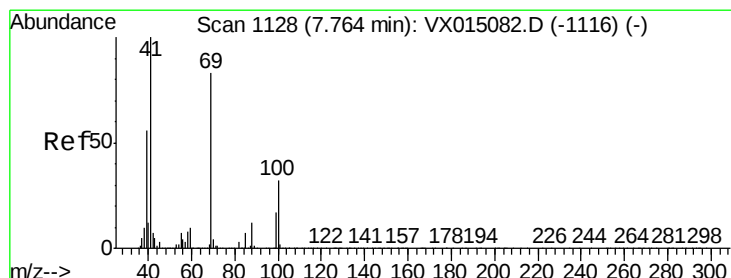
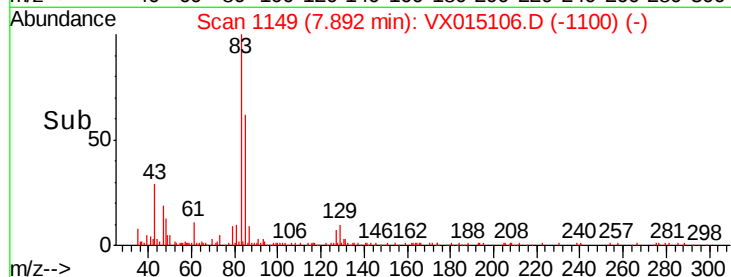
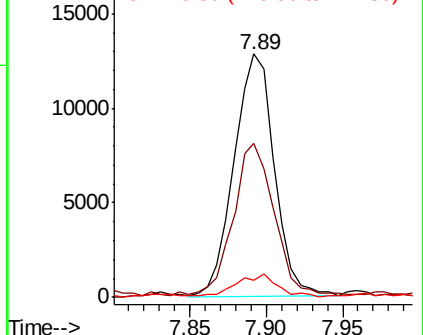
127 6.6 7.1 10.7#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 5.203 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

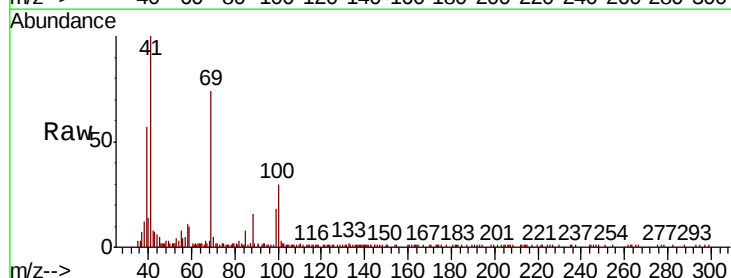
Tgt Ion: 41 Resp: 20090

Ion Ratio Lower Upper

41 100

69 77.3 65.4 98.2

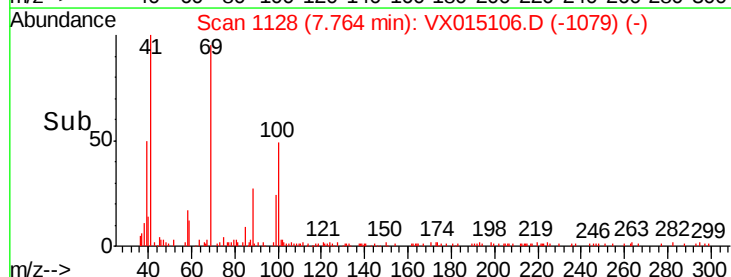
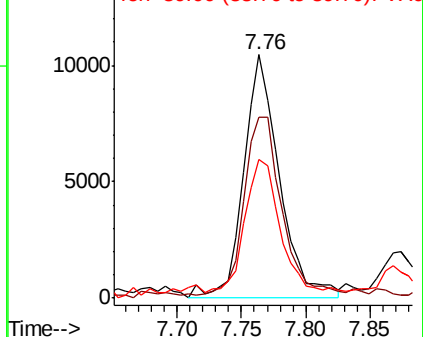
39 53.0 44.6 67.0

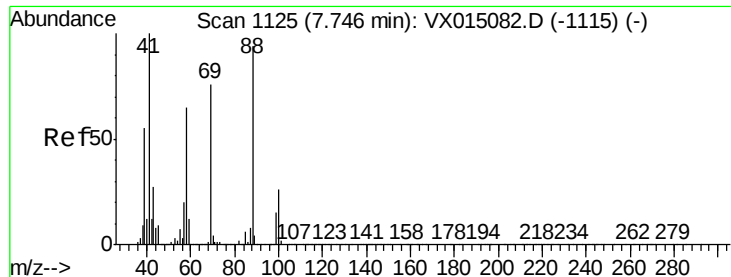


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

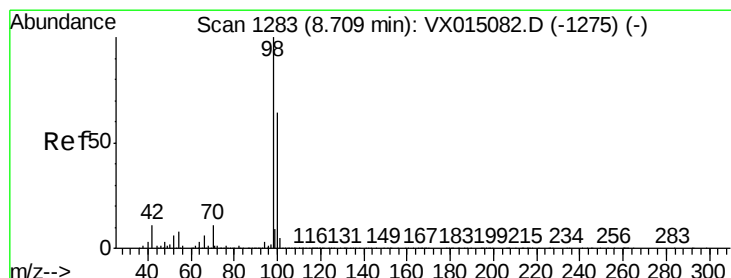
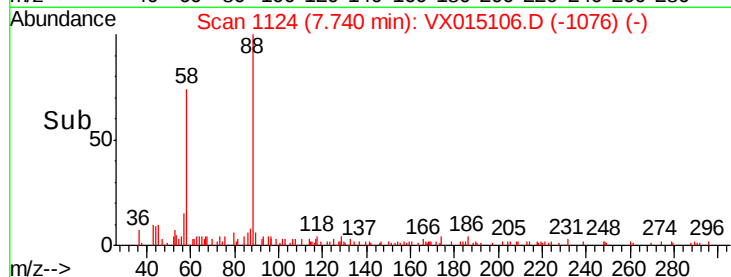
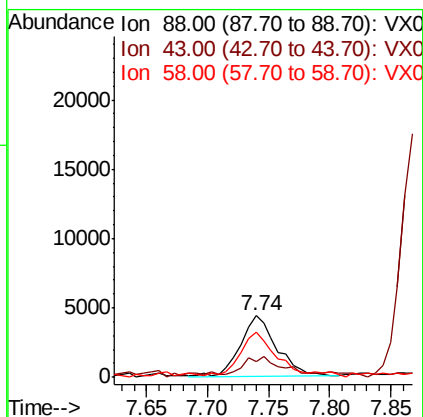
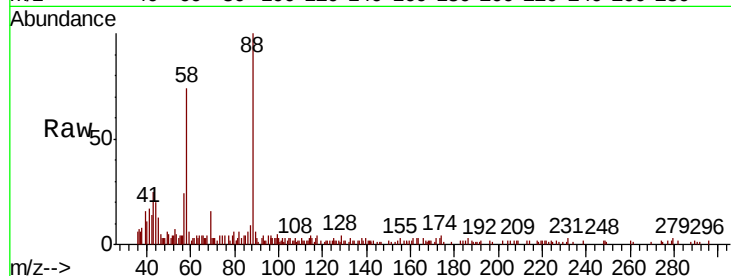




#49
1,4-Dioxane
Concen: 107.507 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

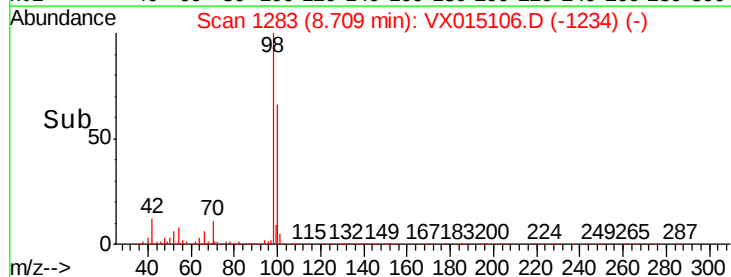
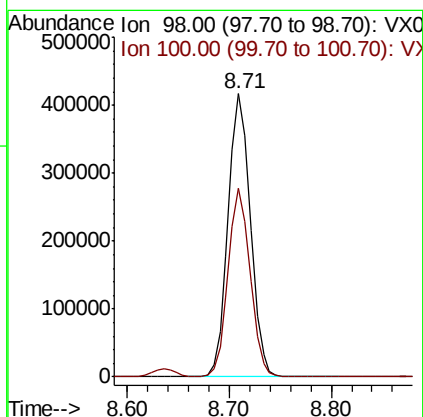
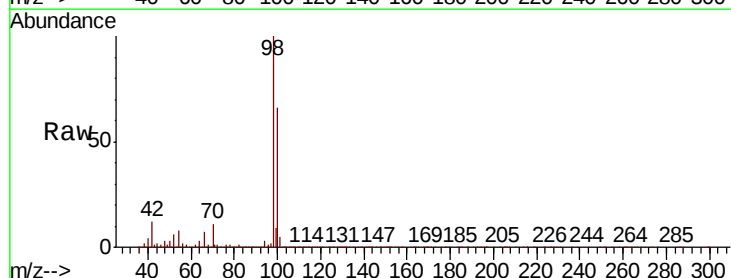
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

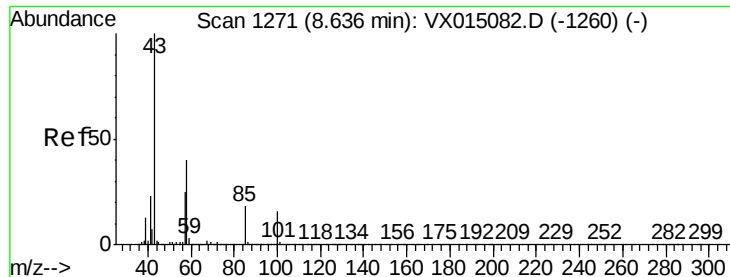
Tot Ion	Ratio	Lower	Upper
88	100		
43	27.1	27.0	40.4
58	67.3	55.6	83.4



#50
Toluene-d8
Concen: 52.249 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 27.268 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

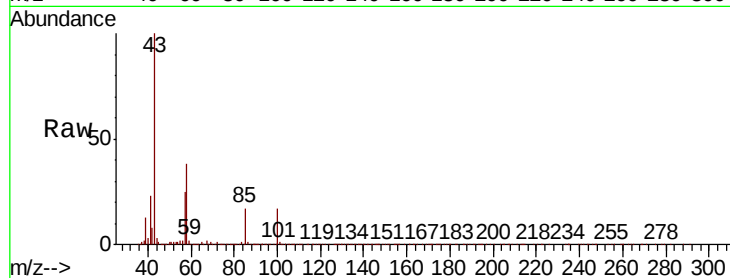
LOQ-WATER-02-QT1-2020

Tot Ion: 43 Resp: 122309

Ion Ratio Lower Upper

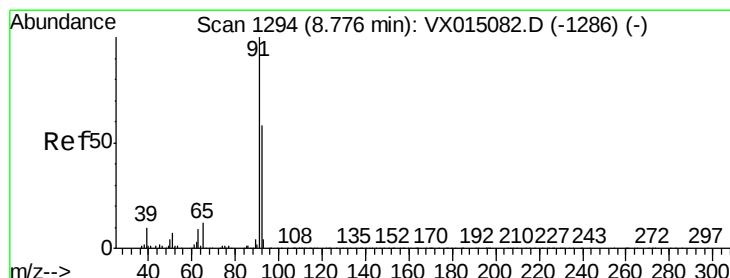
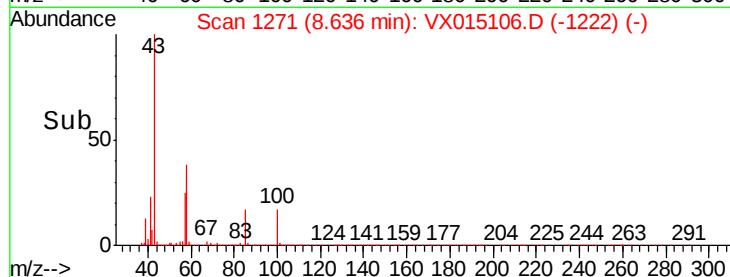
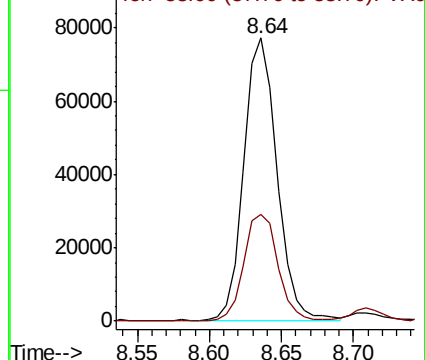
43 100

58 39.3 31.6 47.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 5.197 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015106.D

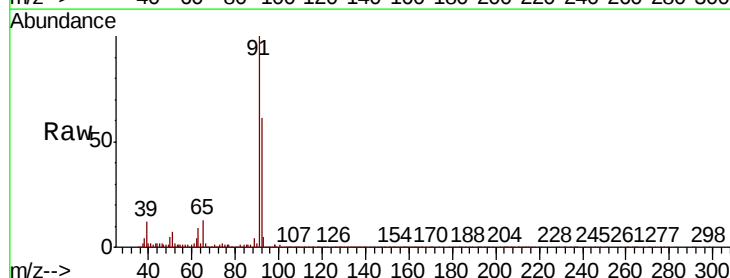
Acq: 05 Mar 2020 13:03

Tgt Ion: 92 Resp: 43831

Ion Ratio Lower Upper

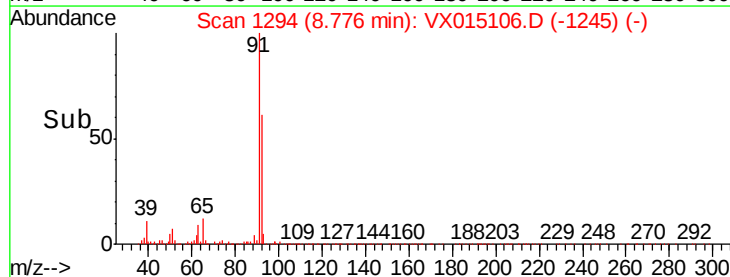
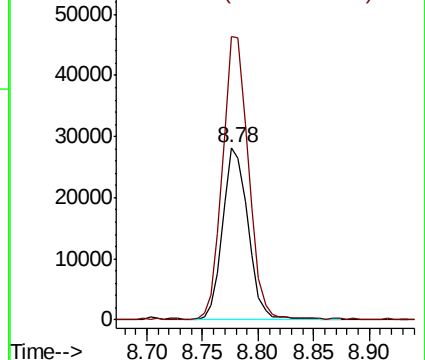
92 100

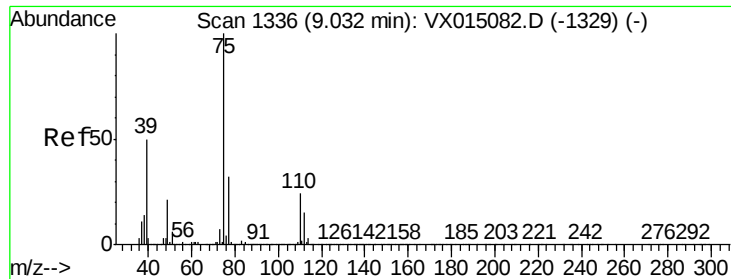
91 170.5 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

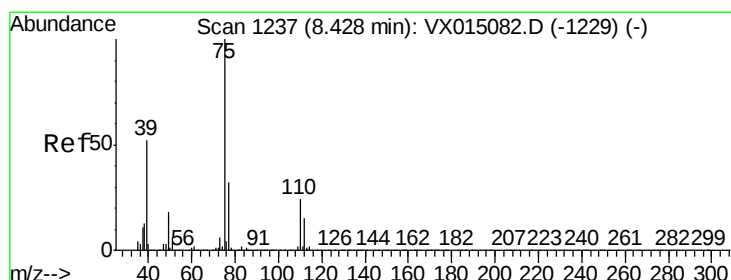
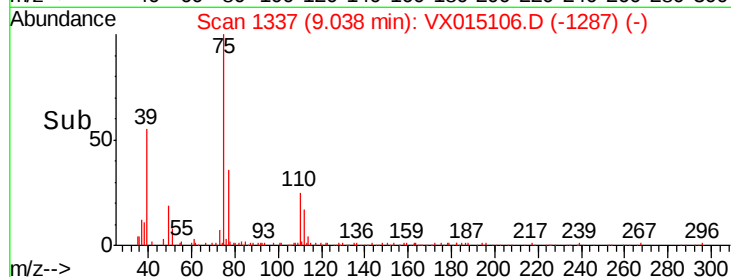
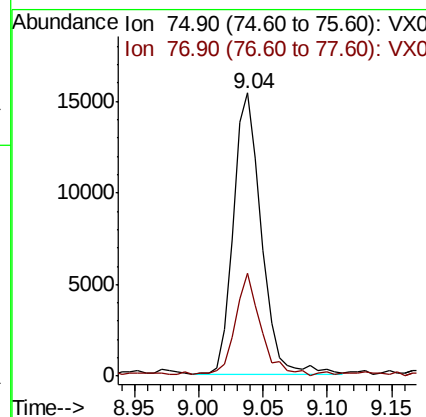
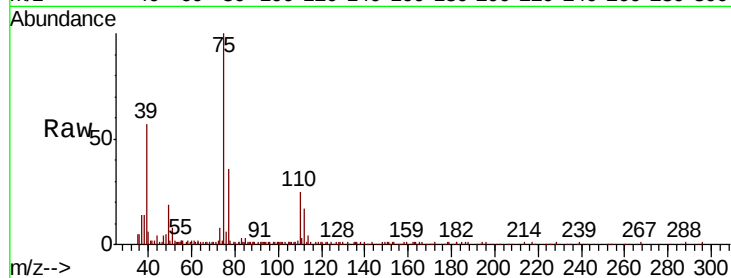




#53
t-1,3-Dichloropropene
Concen: 4.760 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

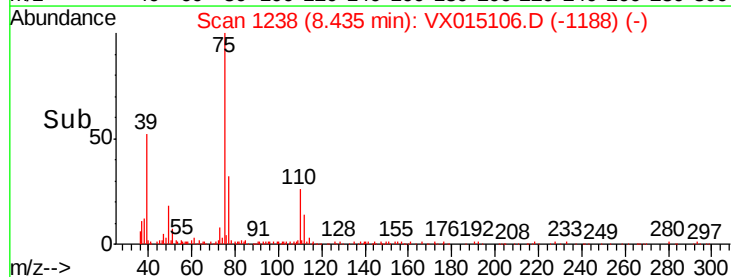
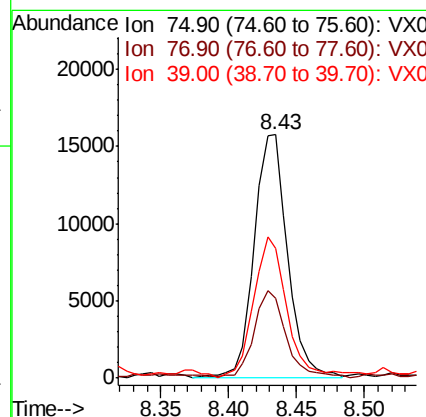
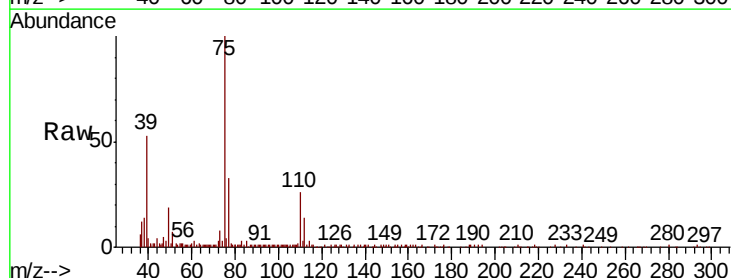
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

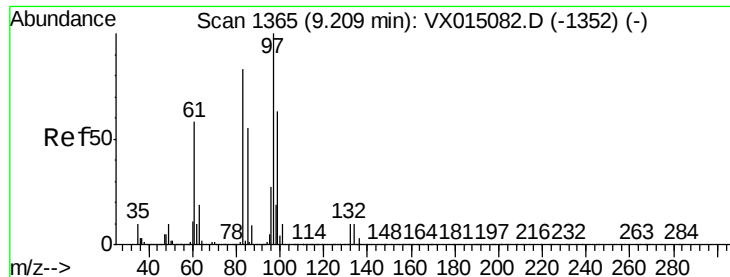
Tot Ion: 75 Resp: 23306
Ion Ratio Lower Upper
75 100
77 35.2 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 4.936 ug/l
RT: 8.43 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

Tgt Ion: 75 Resp: 27321
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.6
39 51.3 41.3 61.9

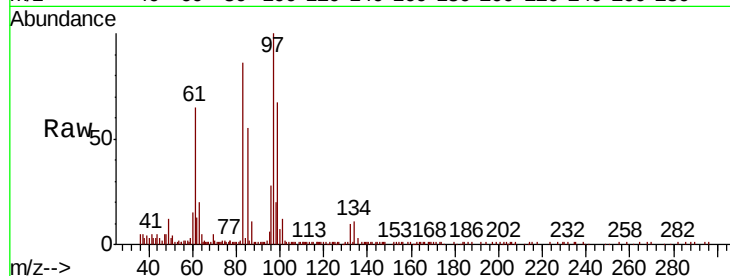




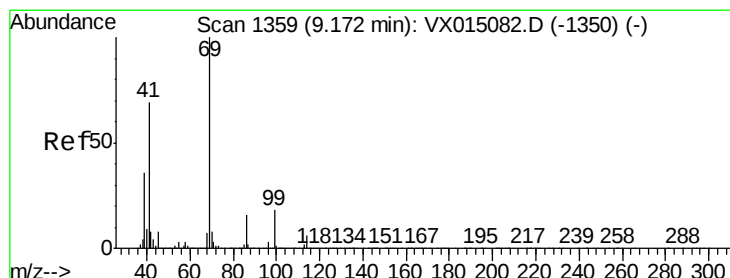
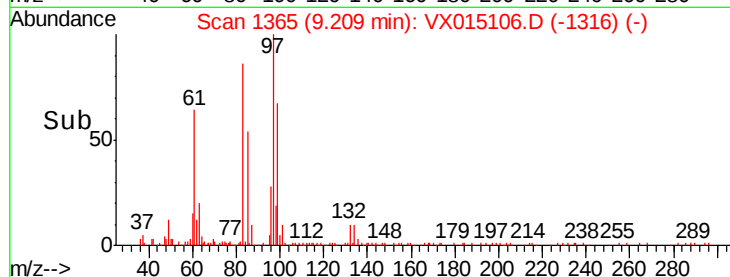
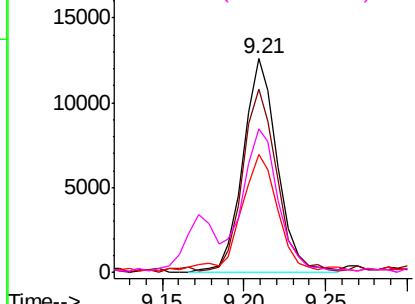
#55
 1,1,2-Trichloroethane
 Concen: 5.318 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015106.D
 Acq: 05 Mar 2020 13:03

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

Tot Ion:	97	Resp:	18459
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.4	99.6
85	52.3	43.5	65.3
99	65.7	50.7	76.1

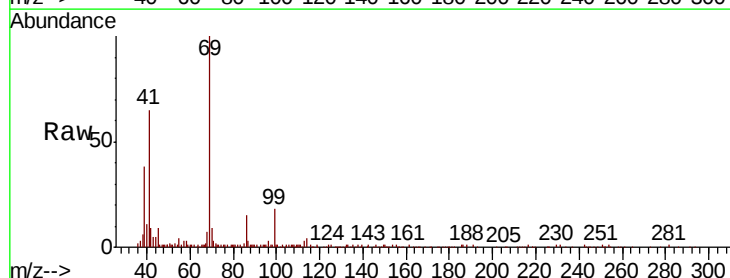


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

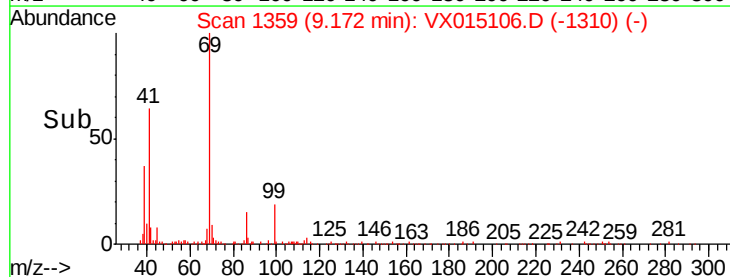
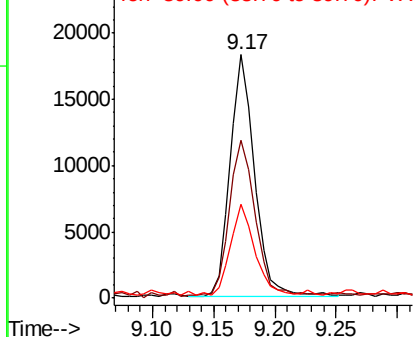


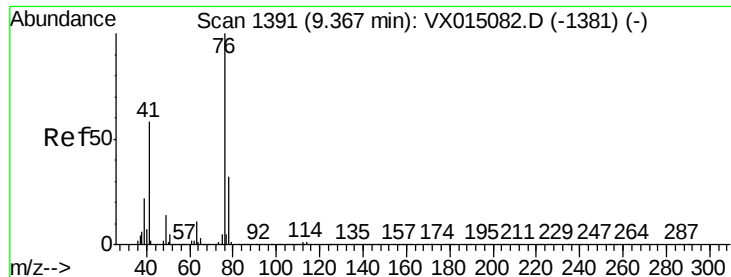
#56
 Ethyl methacrylate
 Concen: 5.057 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015106.D
 Acq: 05 Mar 2020 13:03

Tgt Ion:	69	Resp:	25037
Ion	Ratio	Lower	Upper
69	100		
41	68.3	55.8	83.8
39	37.5	29.4	44.2



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





#57

1,3-Dichloropropane

Concen: 5.451 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

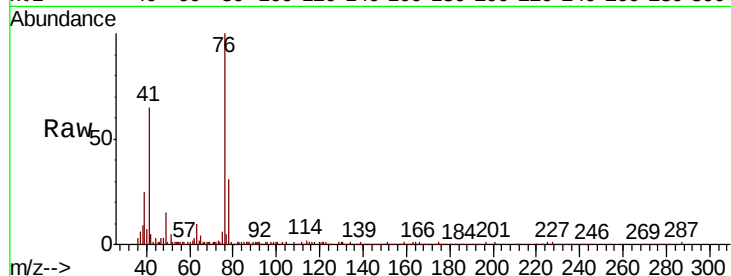
LOQ-WATER-02-QT1-2020

Tot Ion: 76 Resp: 31830

Ion Ratio Lower Upper

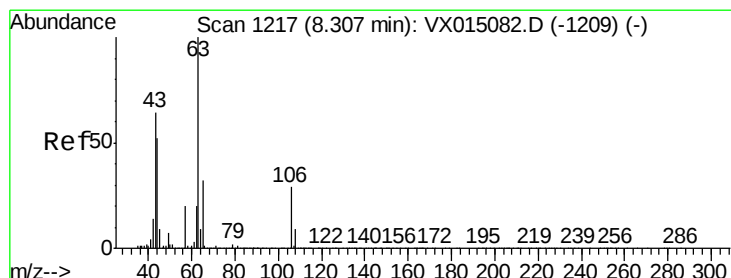
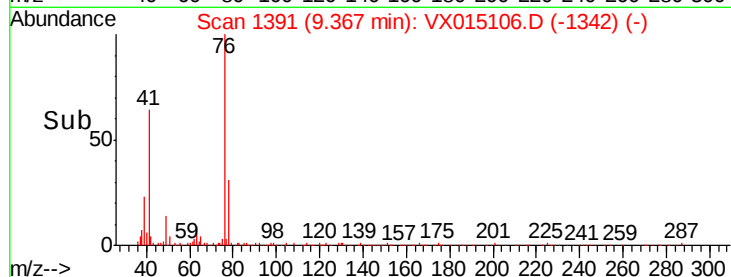
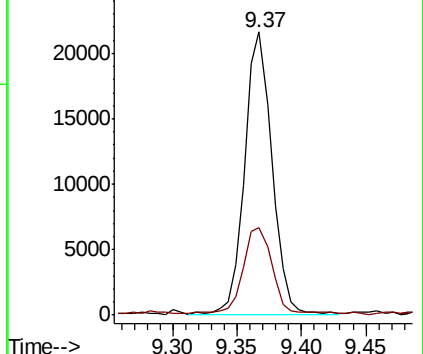
76 100

78 32.8 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 24.928 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015106.D

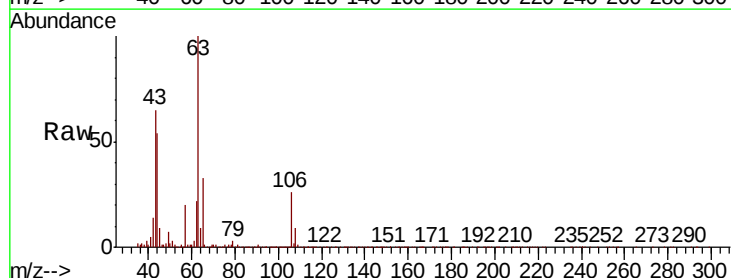
Acq: 05 Mar 2020 13:03

Tgt Ion: 63 Resp: 67238

Ion Ratio Lower Upper

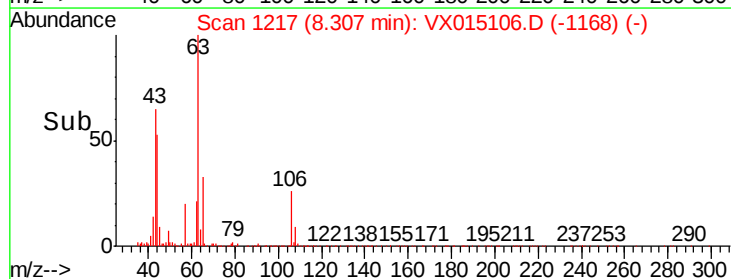
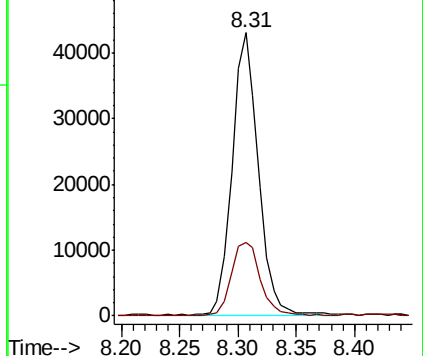
63 100

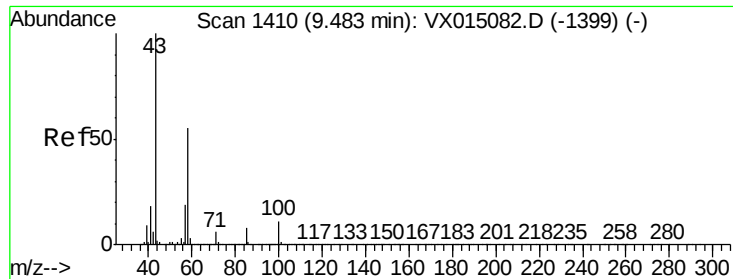
106 28.8 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

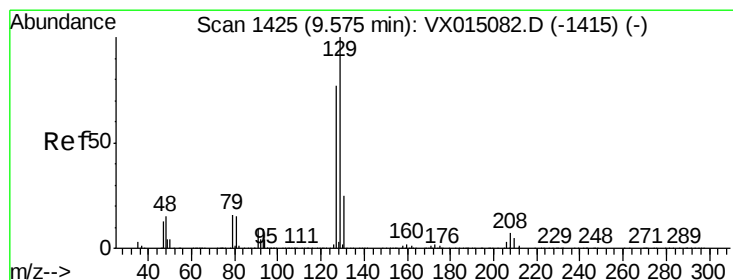
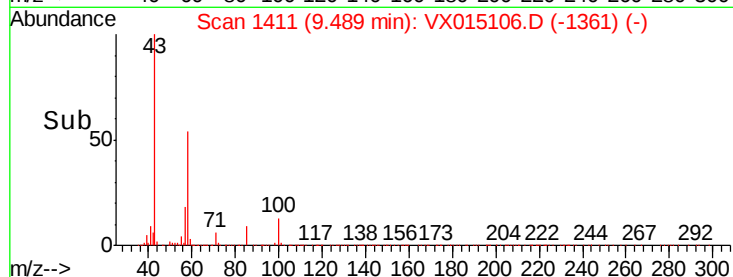
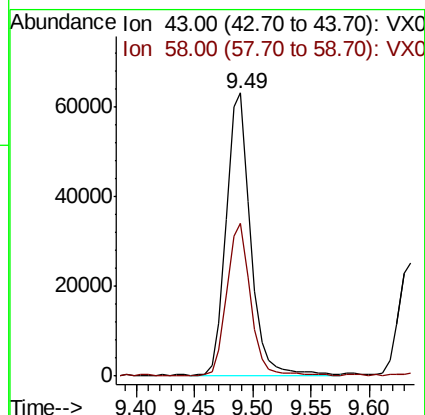
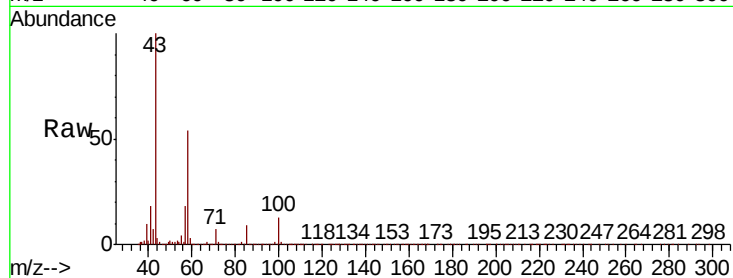




#59
2-Hexanone
Concen: 27.243 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

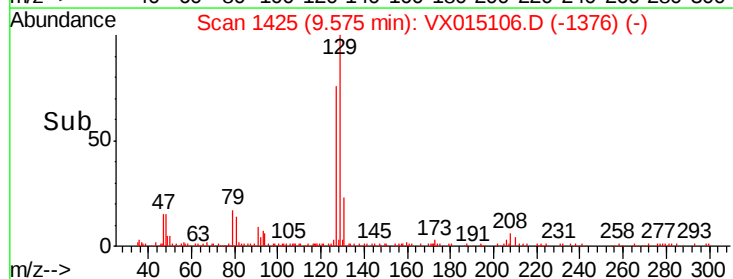
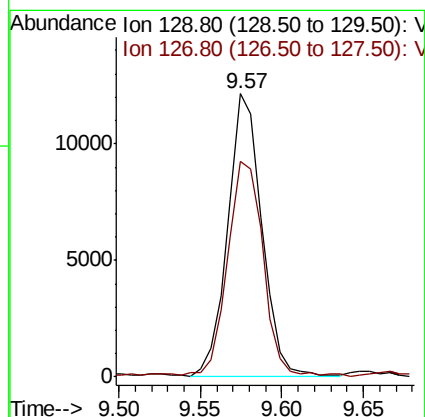
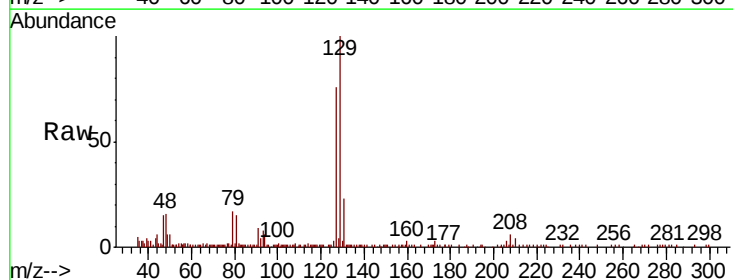
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

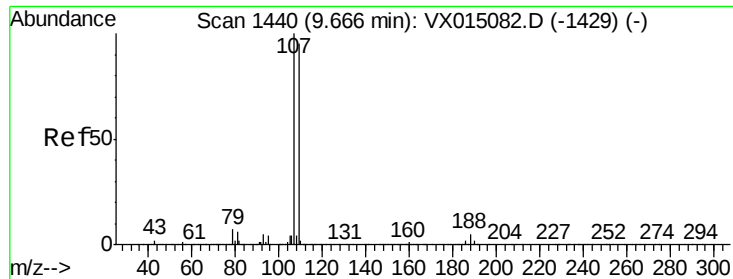
Tot Ion: 43 Resp: 90570
Ion Ratio Lower Upper
43 100
58 52.9 27.3 81.8



#60
Dibromochloromethane
Concen: 4.874 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

Tgt Ion: 129 Resp: 17773
Ion Ratio Lower Upper
129 100
127 79.8 38.8 116.3





#61

1,2-Dibromoethane

Concen: 5.354 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

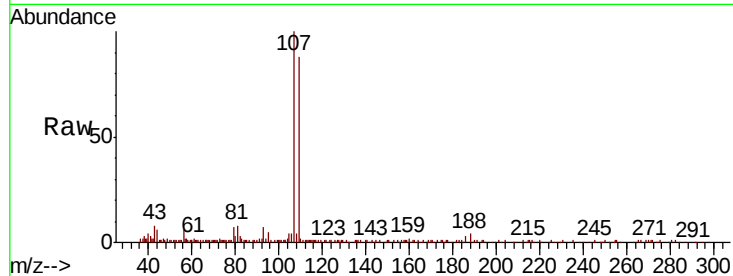
LOQ-WATER-02-QT1-2020

Tot Ion:107 Resp: 19521

Ion Ratio Lower Upper

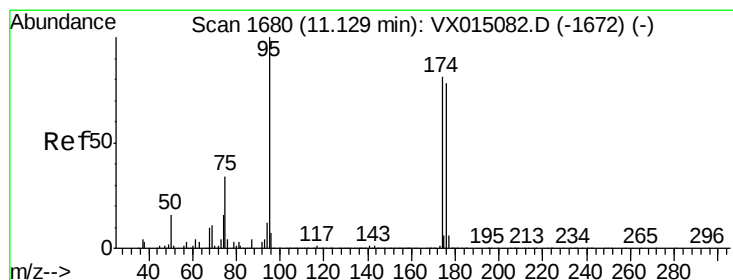
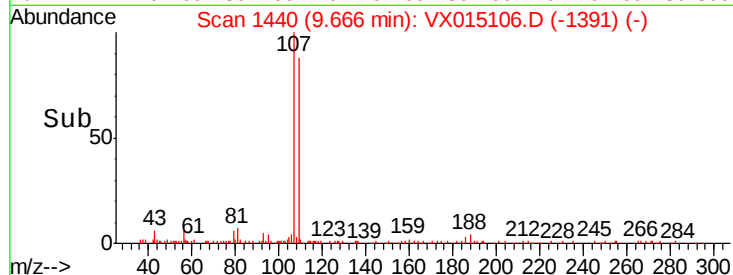
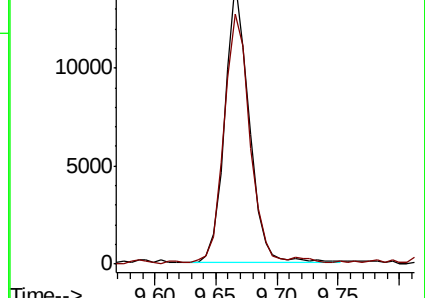
107 100

109 94.2 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.231 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

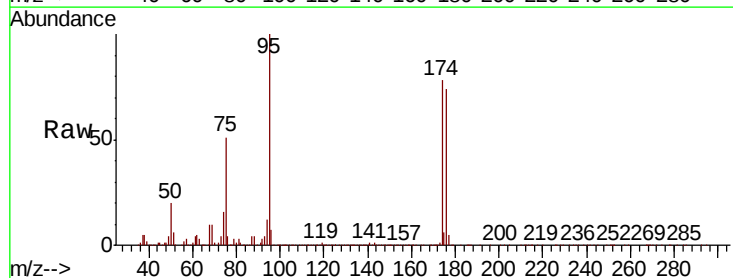
Tgt Ion: 95 Resp: 220522

Ion Ratio Lower Upper

95 100

174 88.7 0.0 177.6

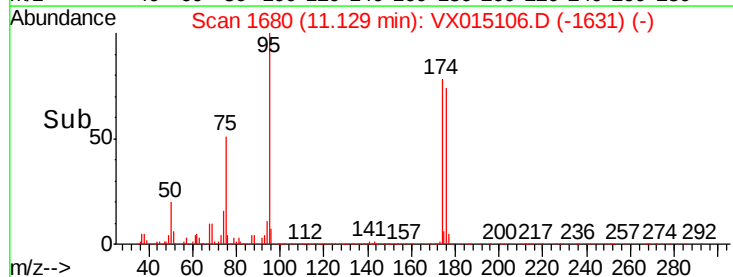
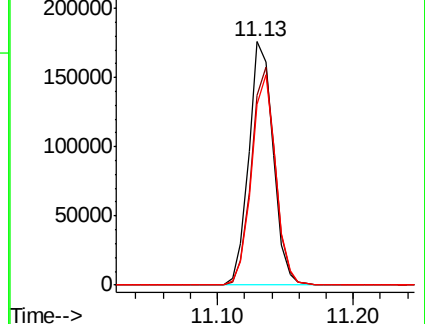
176 86.5 0.0 170.2

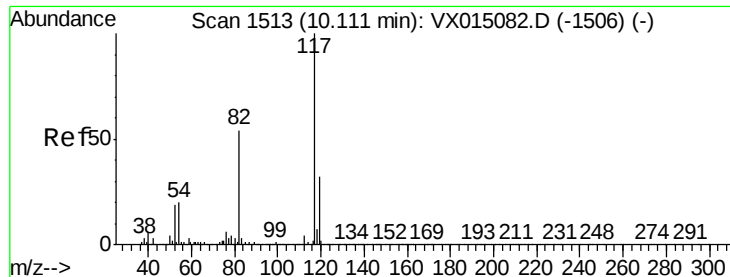


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

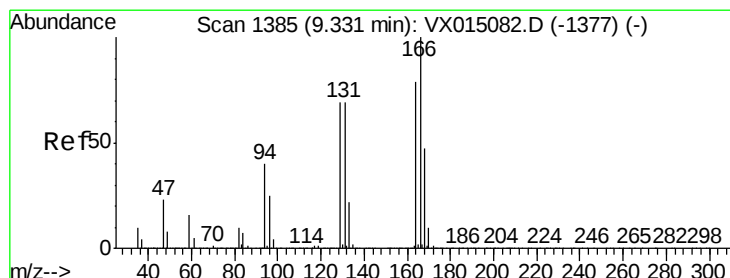
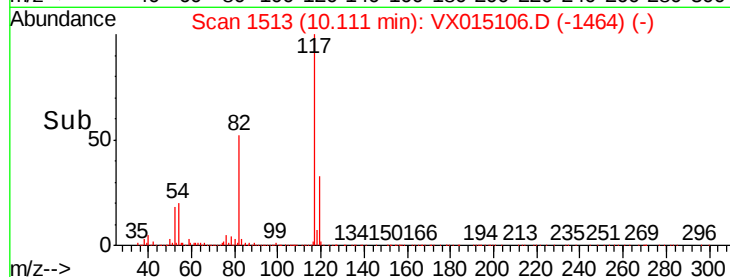
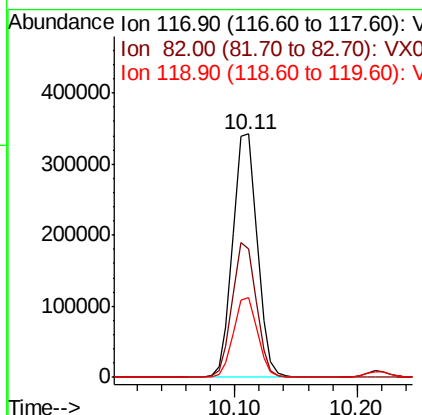
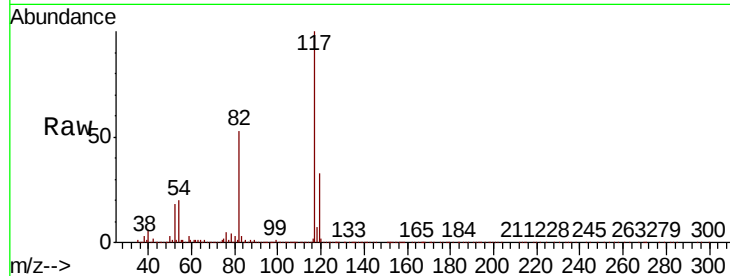




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

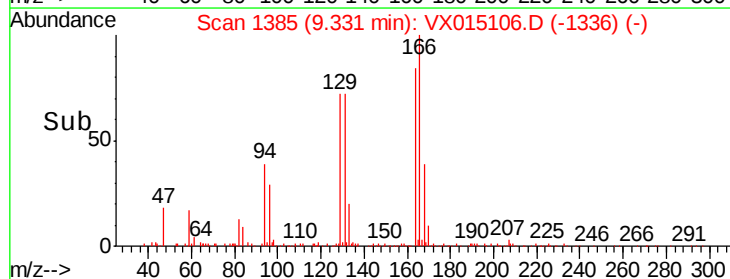
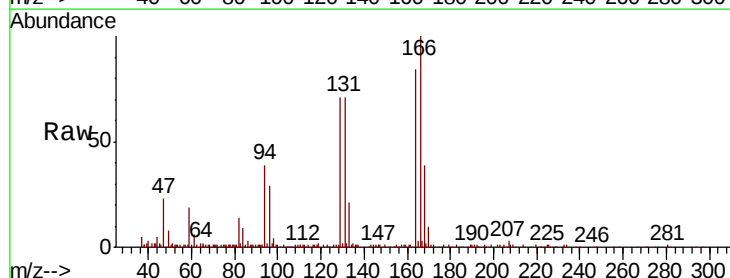
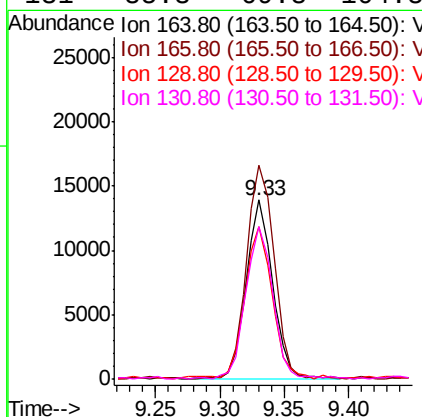
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

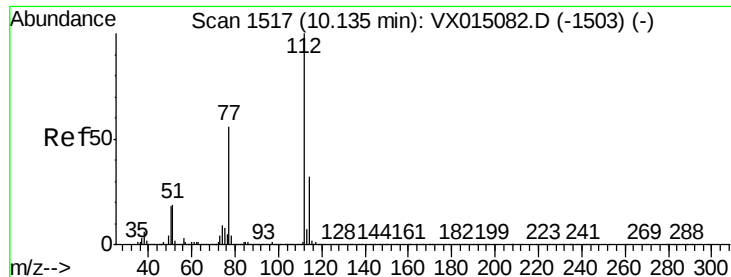
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.3	64.9
119	32.5	25.8	38.8



#64
Tetrachloroethene
Concen: 5.030 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.4	101.1	151.7
129	84.5	69.4	104.0
131	85.3	69.8	104.8





#65

Chlorobenzene

Concen: 5.218 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

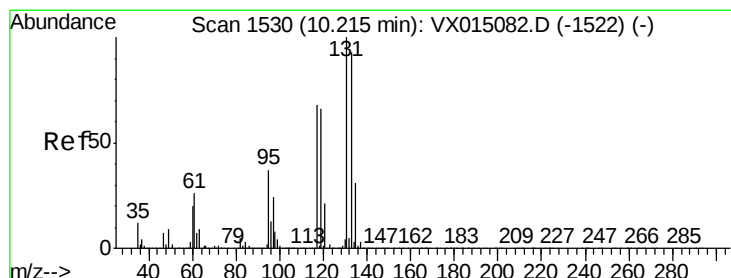
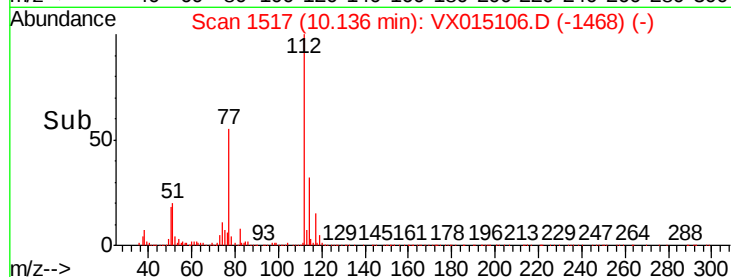
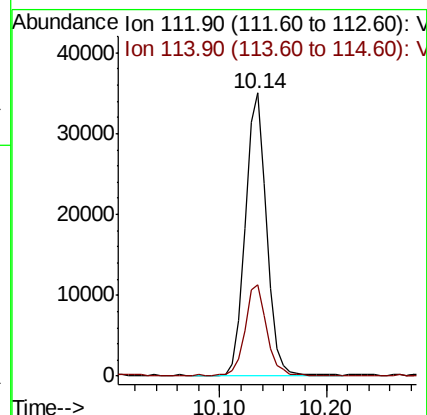
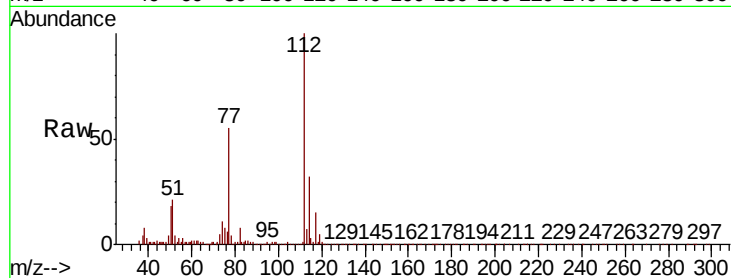
LOQ-WATER-02-QT1-2020

Tot Ion:112 Resp: 49570

Ion Ratio Lower Upper

112 100

114 32.2 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 4.610 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

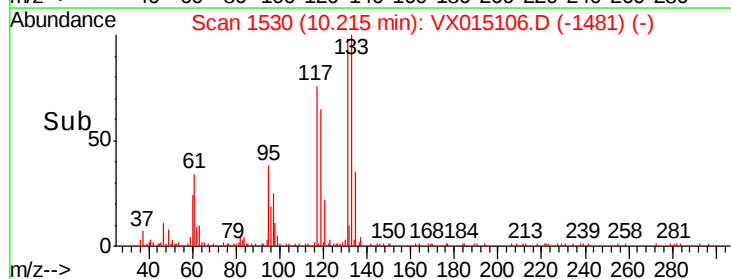
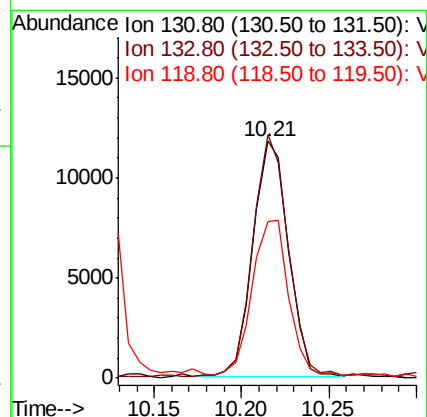
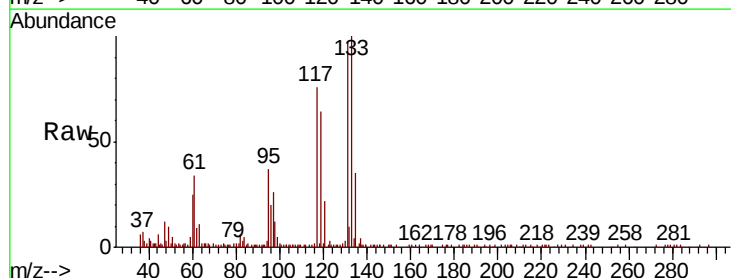
Tgt Ion:131 Resp: 16515

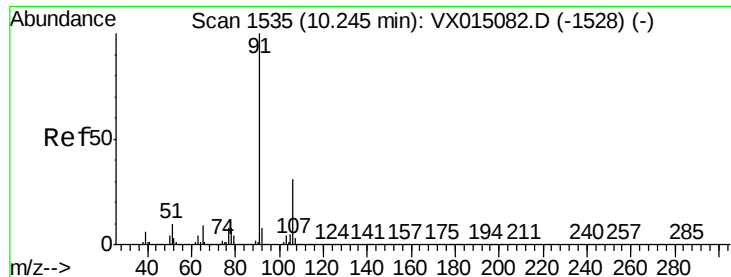
Ion Ratio Lower Upper

131 100

133 102.5 47.5 142.5

119 67.1 33.4 100.1





#67

Ethyl Benzene

Concen: 4.933 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

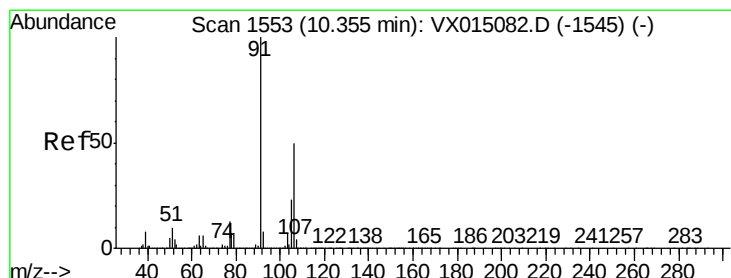
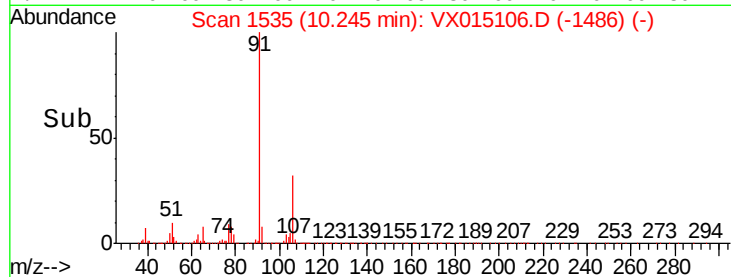
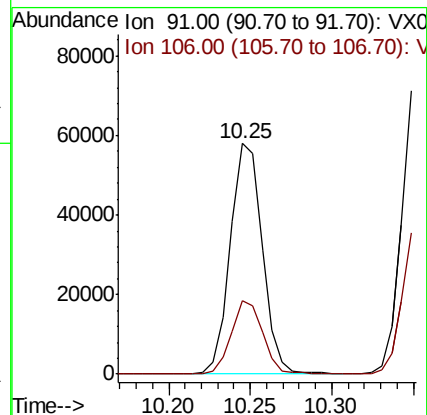
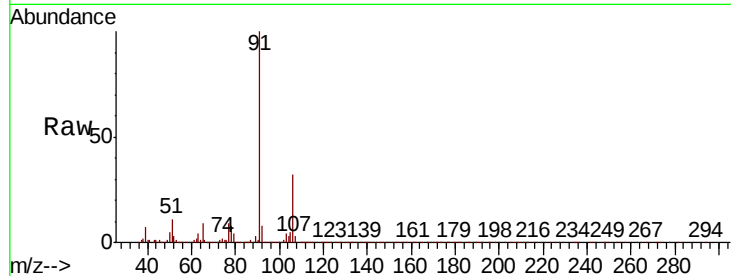
LOQ-WATER-02-QT1-2020

Tot Ion: 91 Resp: 79575

Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3



#68

m/p-Xylenes

Concen: 9.762 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015106.D

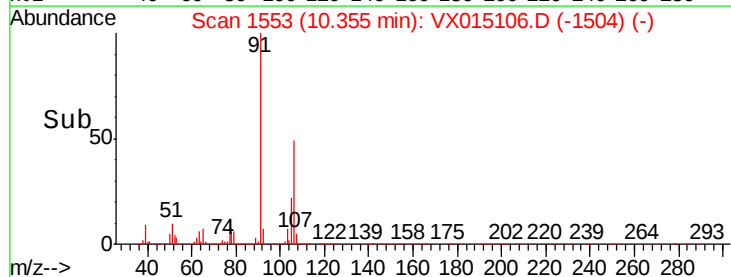
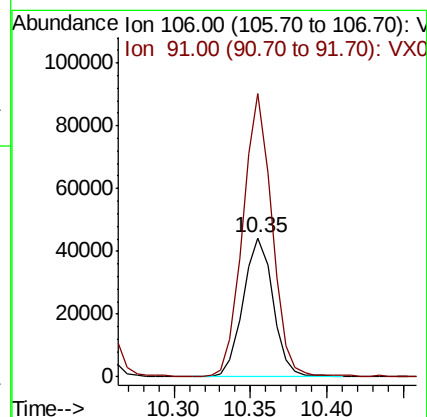
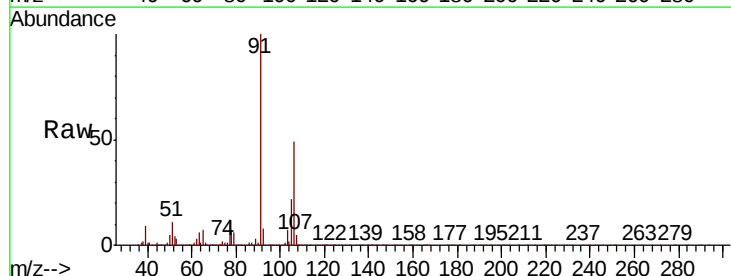
Acq: 05 Mar 2020 13:03

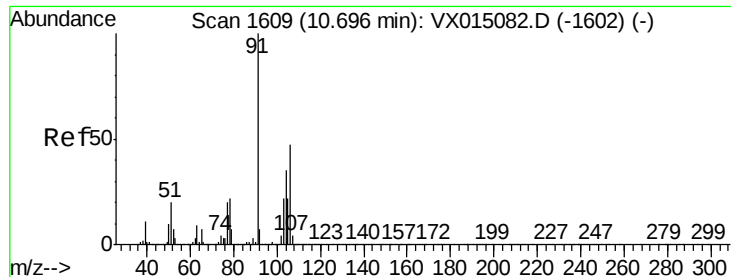
Tgt Ion: 106 Resp: 59915

Ion Ratio Lower Upper

106 100

91 199.2 159.4 239.2

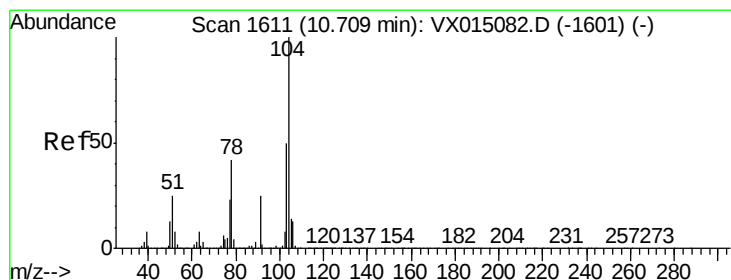
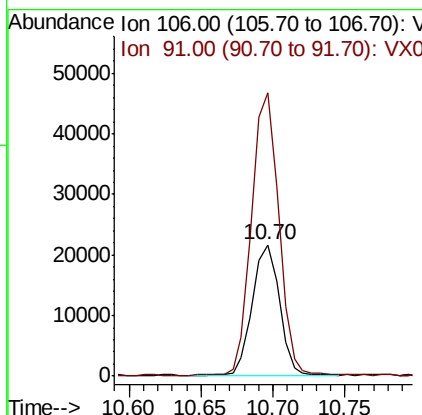
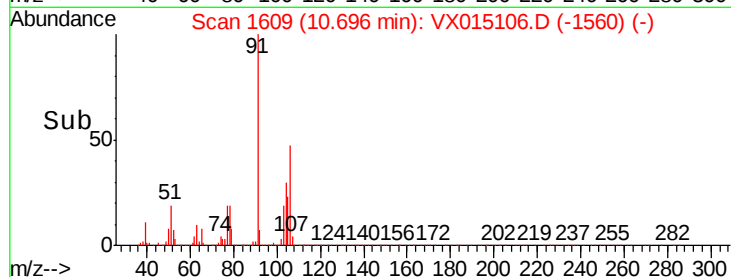
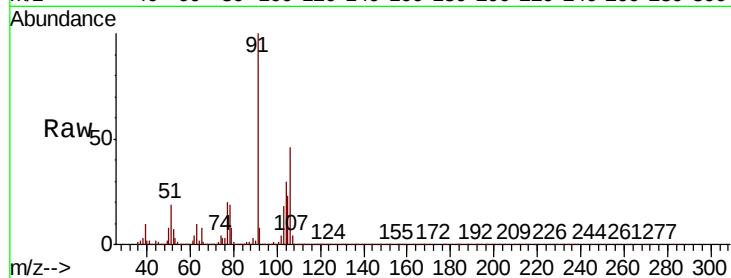




#69
o-Xylene
Concen: 4.845 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

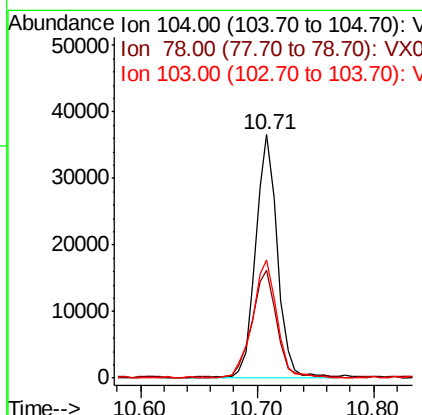
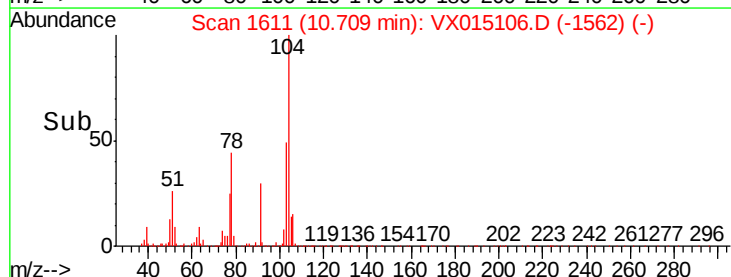
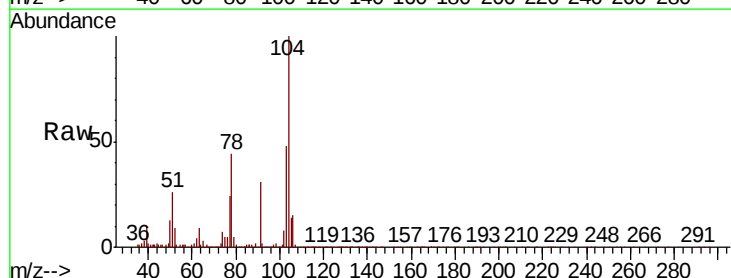
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

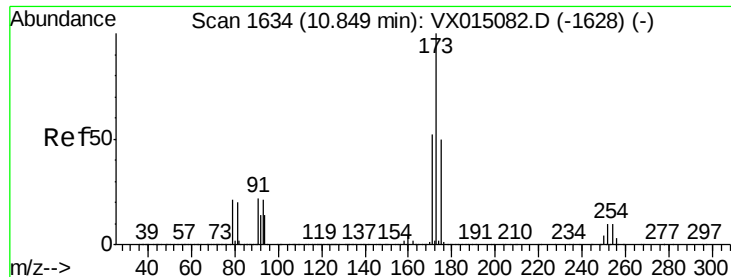
Tot Ion:106 Resp: 28470
Ion Ratio Lower Upper
106 100
91 215.3 105.4 316.1



#70
Styrene
Concen: 4.698 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

Tgt Ion:104 Resp: 47339
Ion Ratio Lower Upper
104 100
78 50.0 39.0 58.4
103 54.7 43.7 65.5

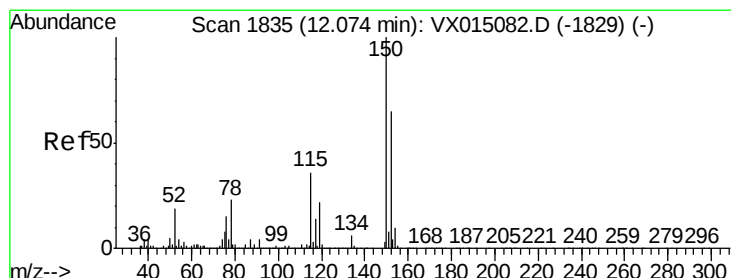
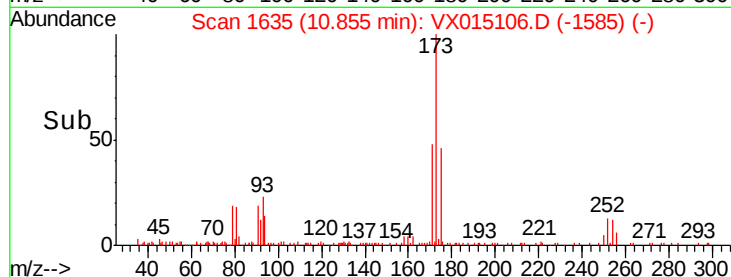
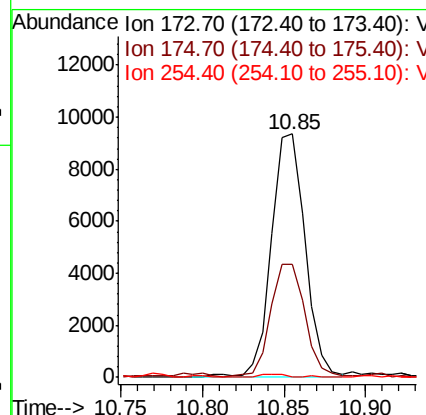
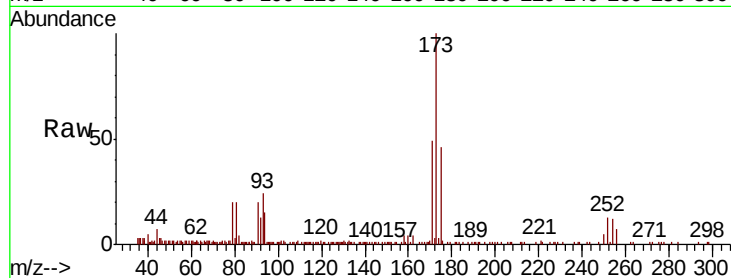




#71
Bromoform
Concen: 4.868 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

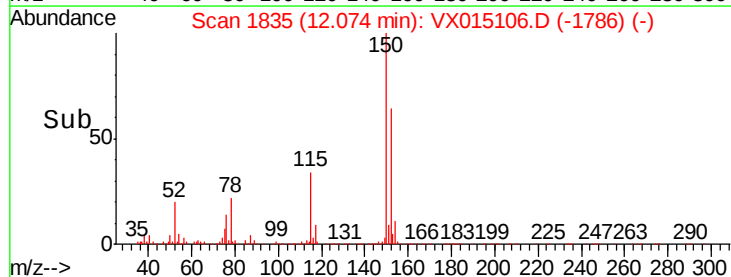
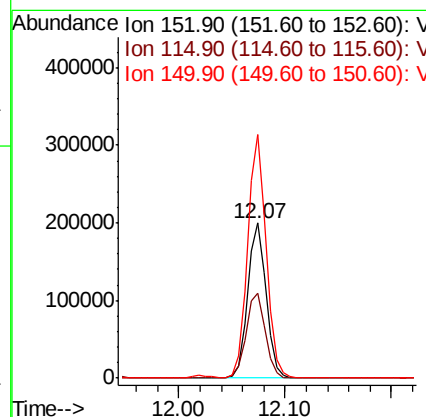
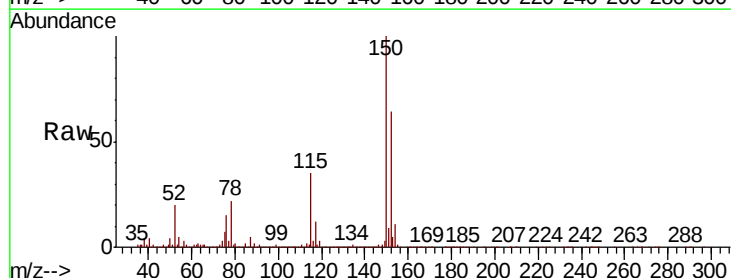
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

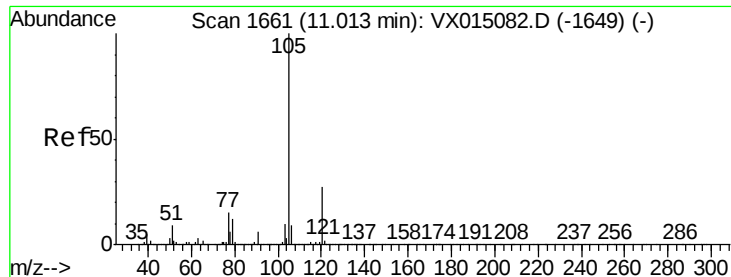
Tot Ion:173 Resp: 13522
Ion Ratio Lower Upper
173 100
175 47.6 24.9 74.7
254 0.9 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

Tgt Ion:152 Resp: 242629
Ion Ratio Lower Upper
152 100
115 56.9 38.2 114.6
150 156.9 0.0 343.8





#73

Isopropylbenzene

Concen: 4.745 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

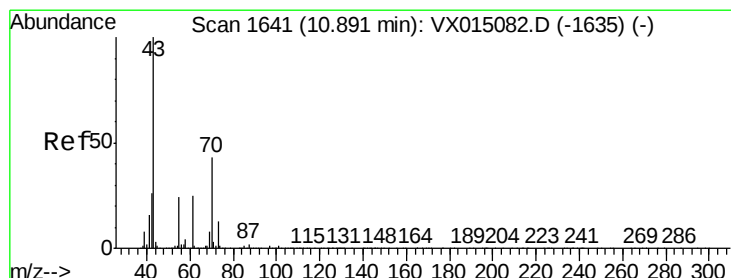
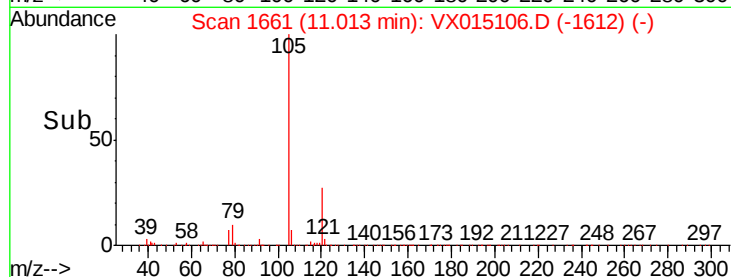
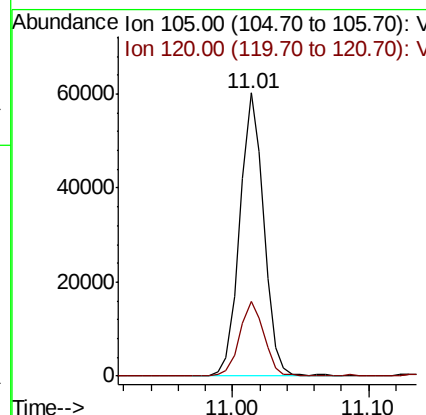
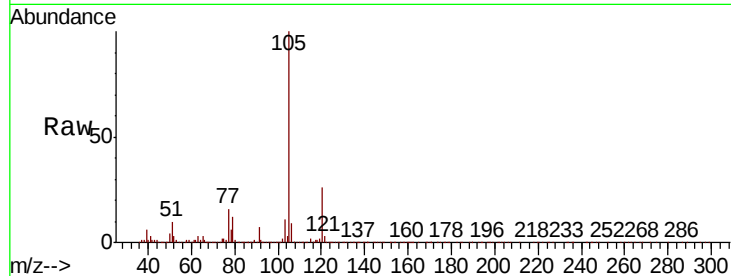
Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

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

Tot Ion:105 Resp: 73551

Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.5	40.5



#74

N-ethyl acetate

Concen: 4.764 ug/l

RT: 10.89 min Scan# 1641

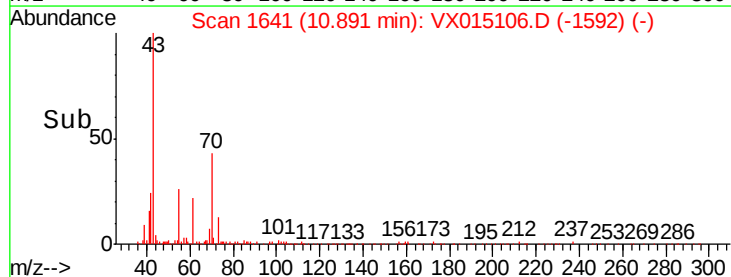
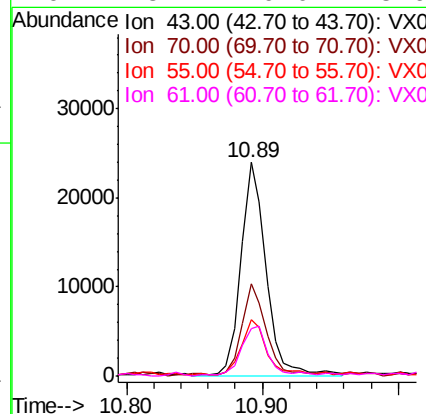
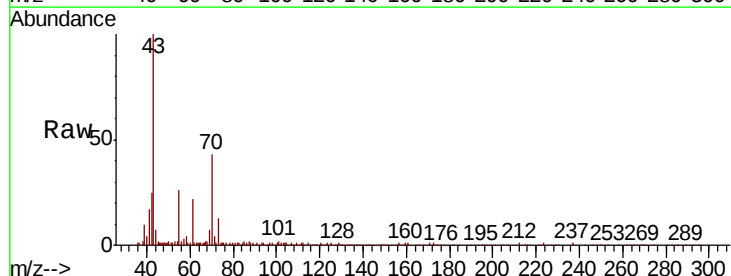
Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Tgt Ion: 43 Resp: 31117

Ion	Ratio	Lower	Upper
43	100		
70	42.3	34.7	52.1
55	25.6	19.4	29.0
61	25.7	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.323 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

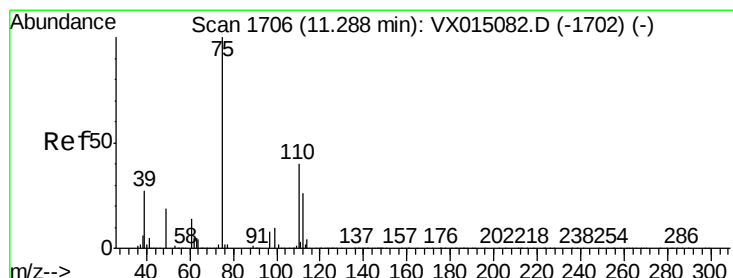
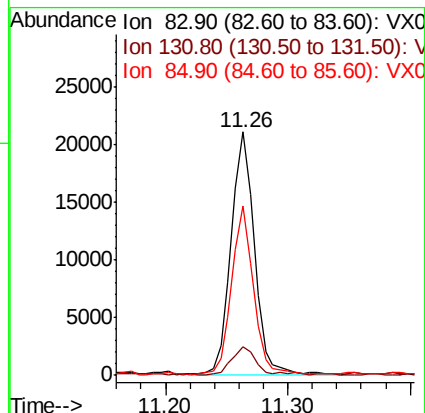
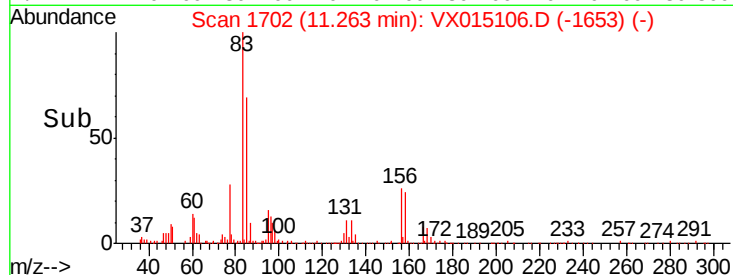
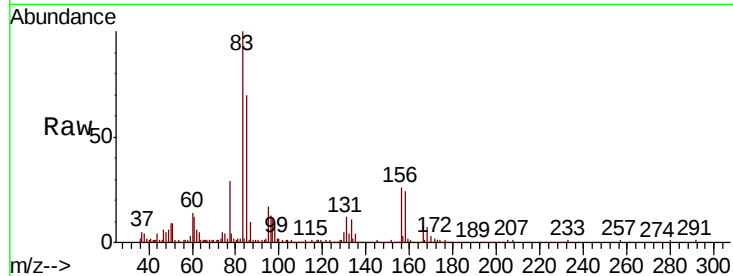
Tot Ion: 83 Resp: 27495

Ion Ratio Lower Upper

83 100

131 12.0 5.0 14.9

85 65.0 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 6.002 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX015106.D

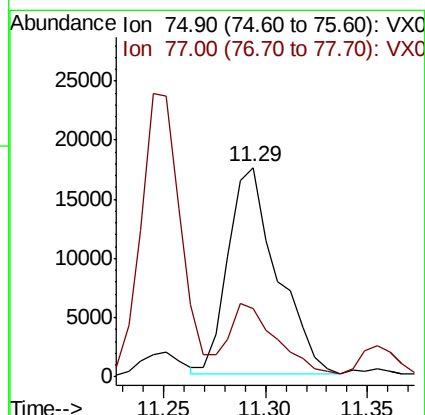
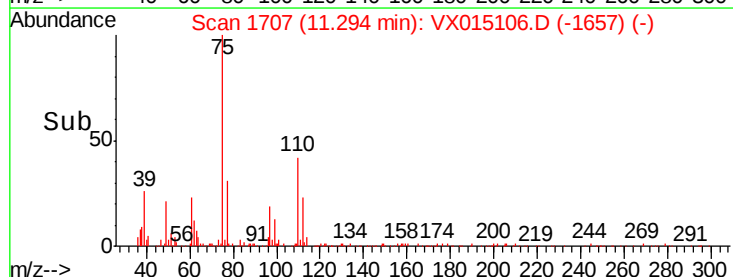
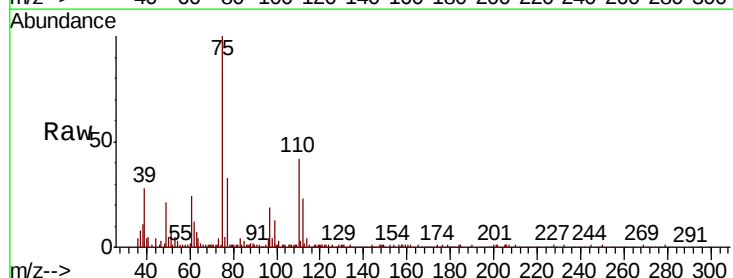
Acq: 05 Mar 2020 13:03

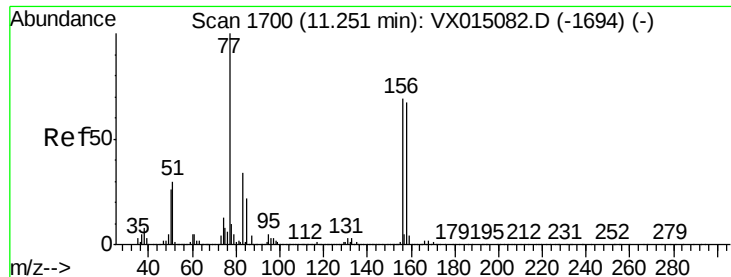
Tgt Ion: 75 Resp: 29047

Ion Ratio Lower Upper

75 100

77 32.5 22.6 67.8





#77

Bromobenzene

Concen: 5.180 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

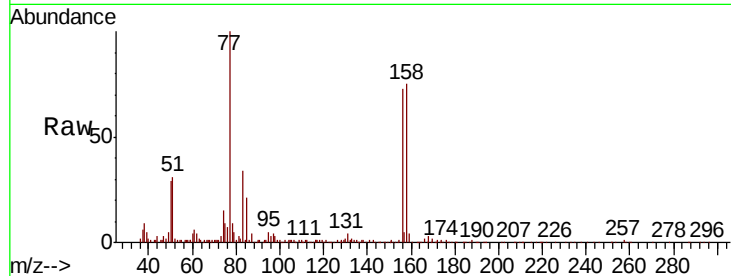
Tot Ion:156 Resp: 22376

Ion Ratio Lower Upper

156 100

77 144.6 75.3 225.9

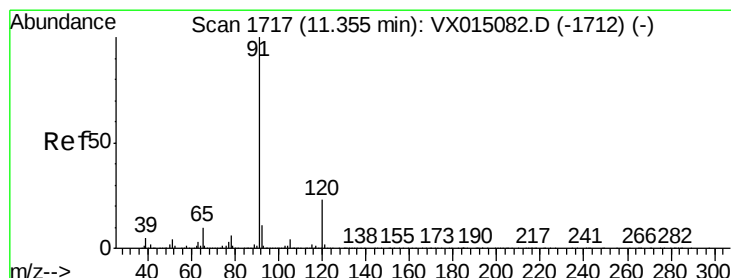
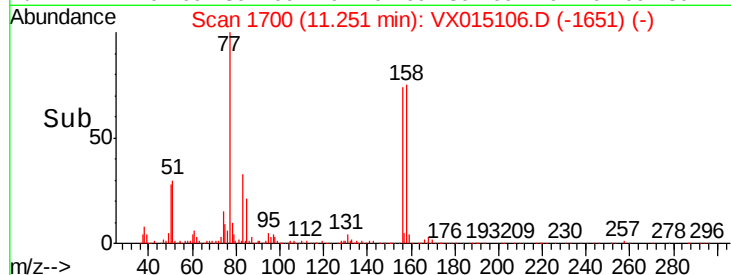
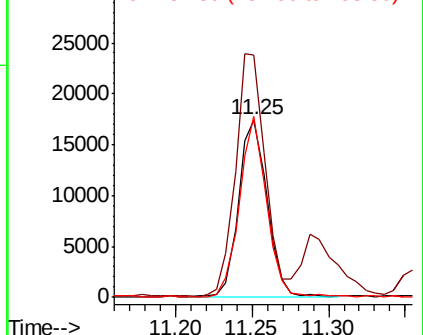
158 95.3 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.768 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015106.D

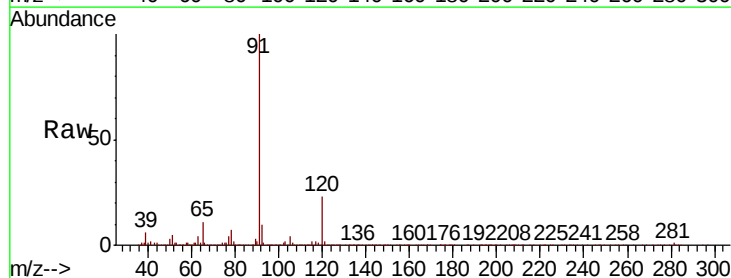
Acq: 05 Mar 2020 13:03

Tgt Ion: 91 Resp: 84434

Ion Ratio Lower Upper

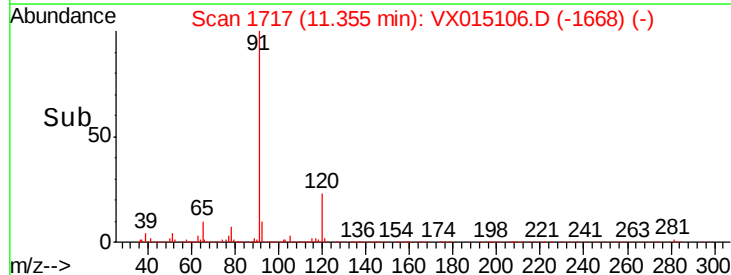
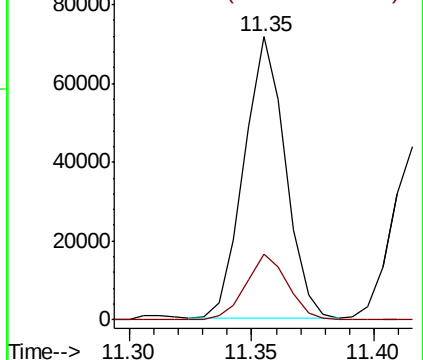
91 100

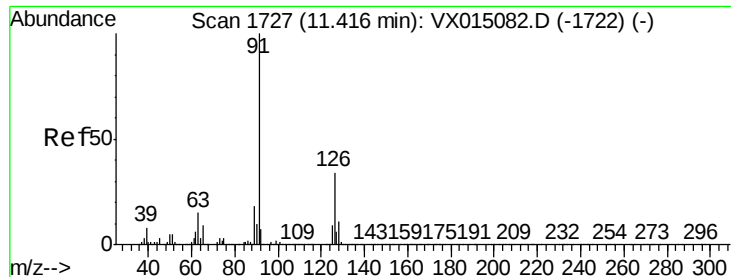
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.976 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

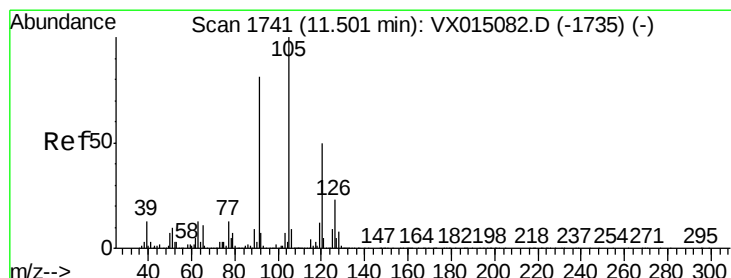
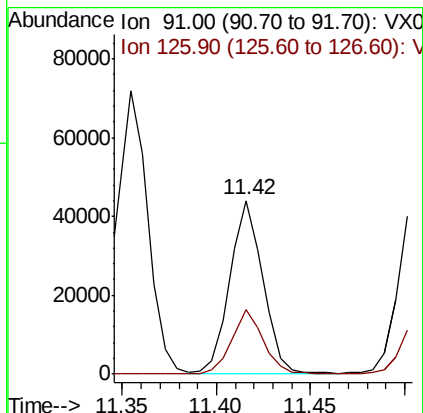
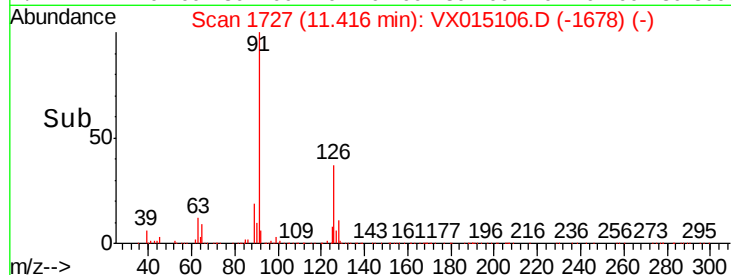
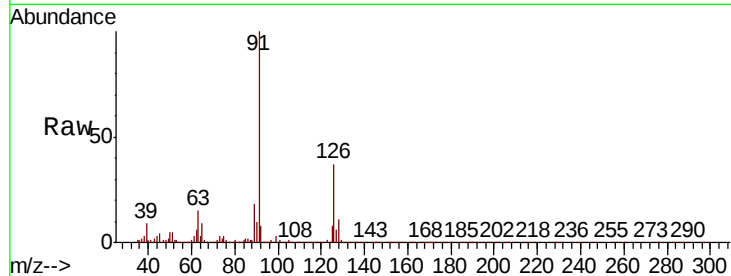
LOQ-WATER-02-QT1-2020

Tot Ion: 91 Resp: 52625

Ion Ratio Lower Upper

91 100

126 35.6 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 4.832 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015106.D

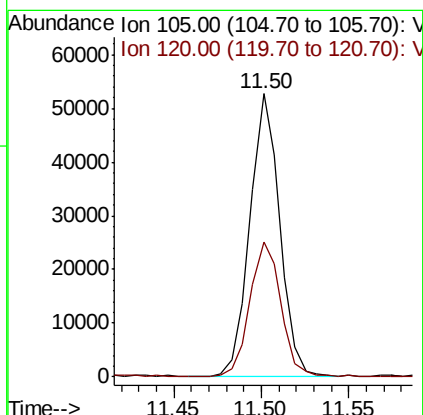
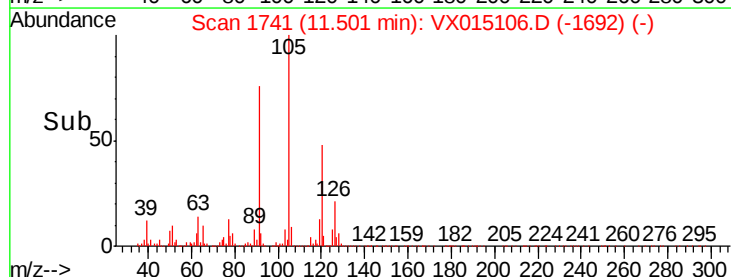
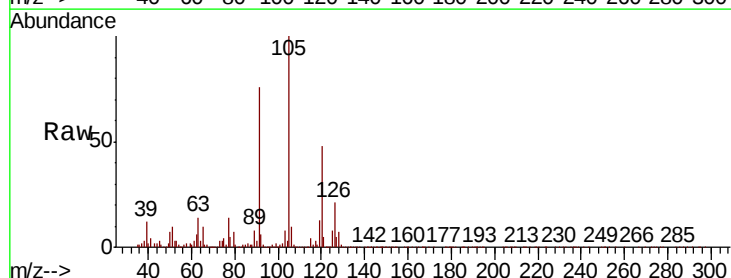
Acq: 05 Mar 2020 13:03

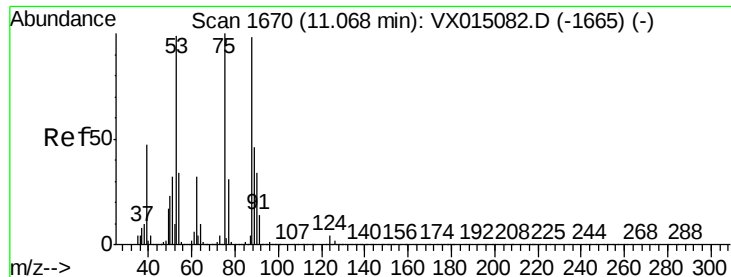
Tgt Ion: 105 Resp: 62340

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 3.910 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

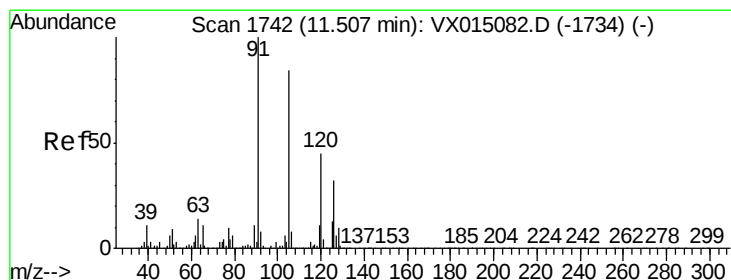
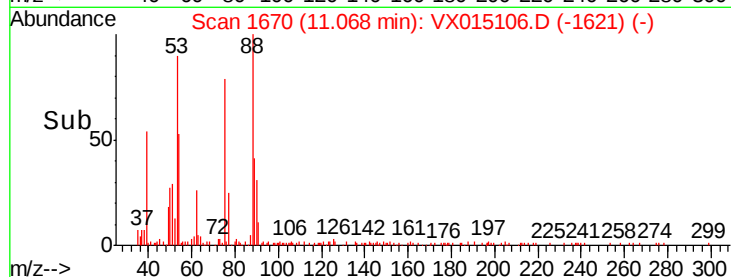
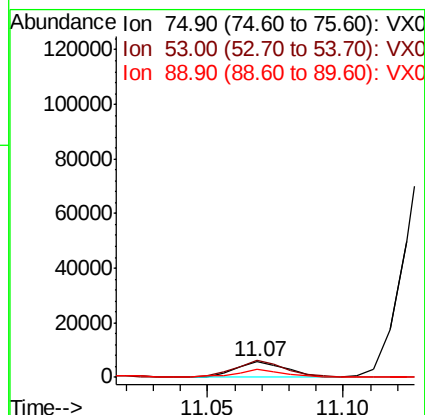
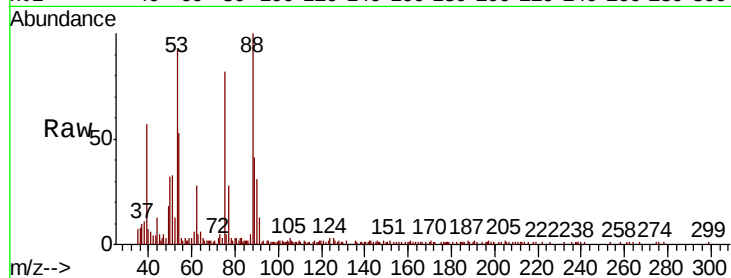
Tot Ion: 75 Resp: 6667

Ion Ratio Lower Upper

75 100

53 130.6 77.9 116.9#

89 47.9 36.2 54.2



#82

4-Chlorotoluene

Concen: 4.754 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015106.D

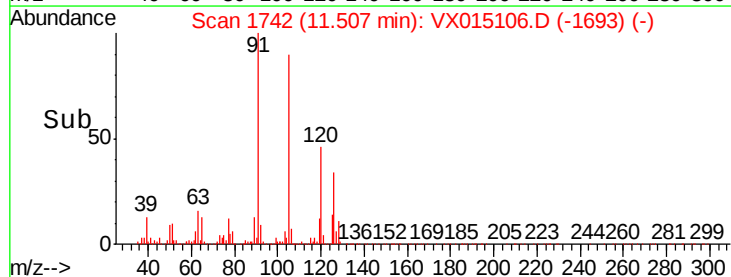
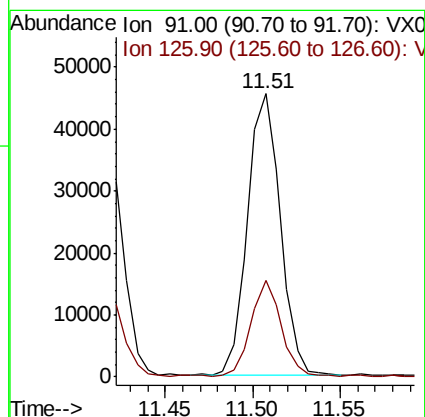
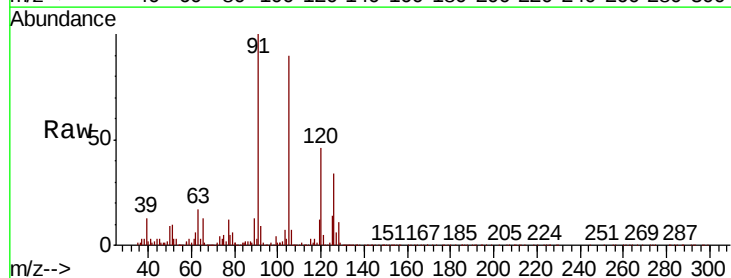
Acq: 05 Mar 2020 13:03

Tgt Ion: 91 Resp: 59391

Ion Ratio Lower Upper

91 100

126 31.3 15.4 46.2





#83

tert-Butylbenzene

Concen: 4.700 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

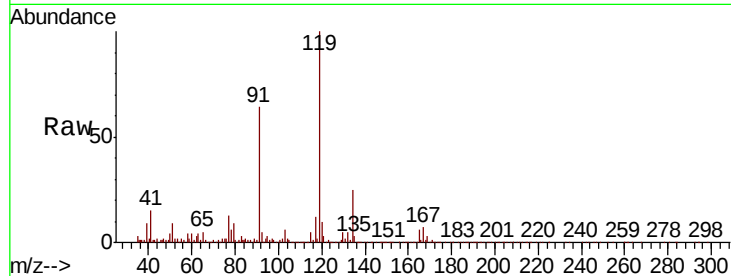
Tot Ion:119 Resp: 58635

Ion Ratio Lower Upper

119 100

91 58.9 28.5 85.6

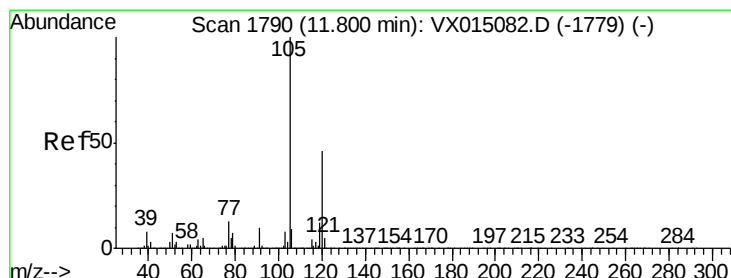
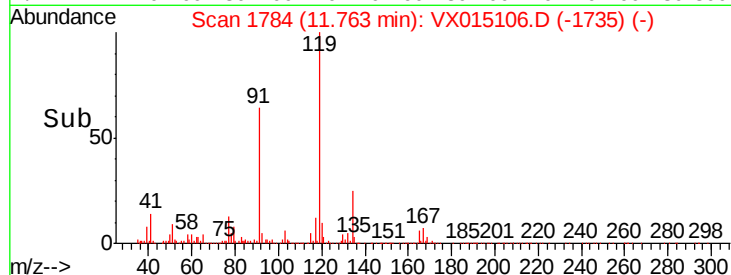
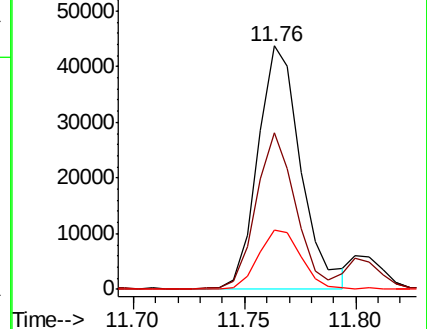
134 24.9 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 4.781 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015106.D

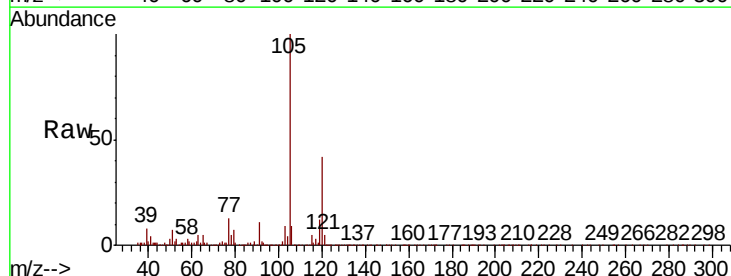
Acq: 05 Mar 2020 13:03

Tgt Ion:105 Resp: 61973

Ion Ratio Lower Upper

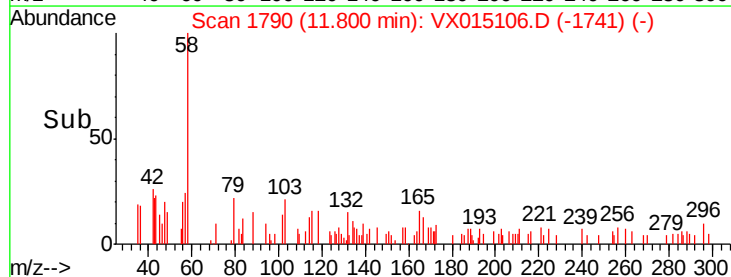
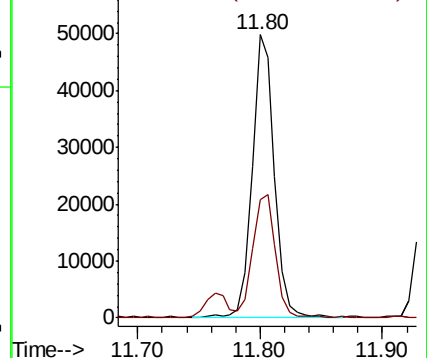
105 100

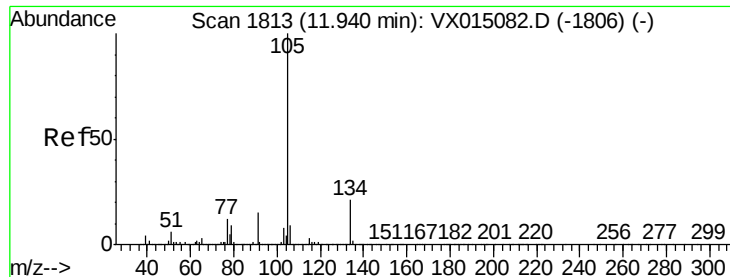
120 44.8 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

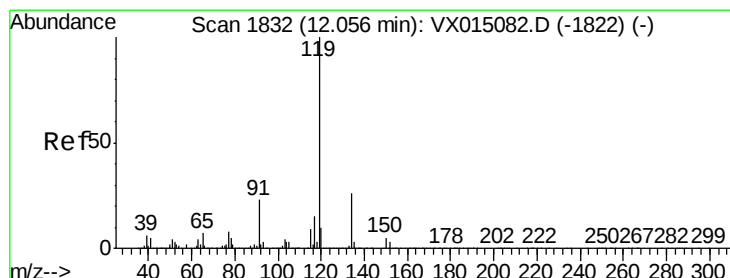
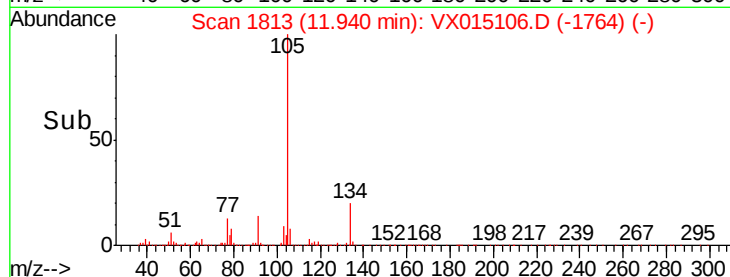
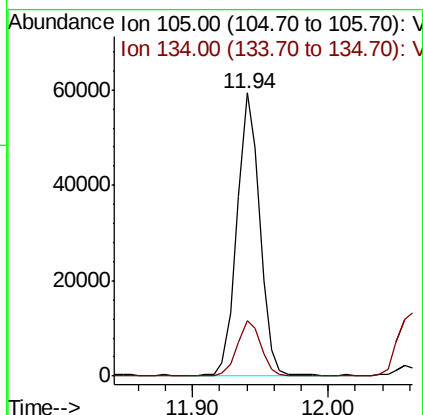
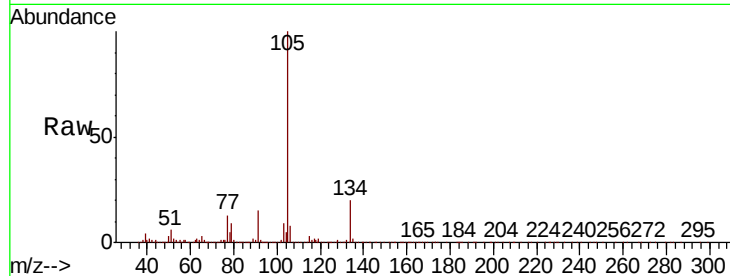




#85
 sec-Butylbenzene
 Concen: 4.584 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015106.D
 Acq: 05 Mar 2020 13:03

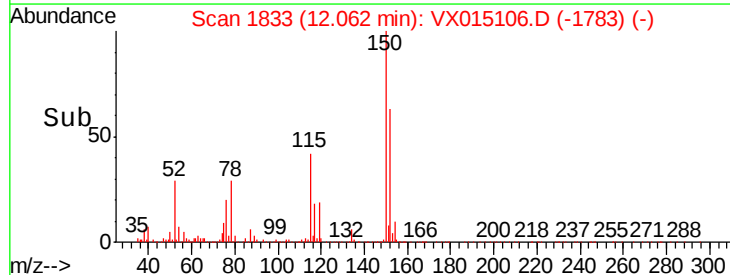
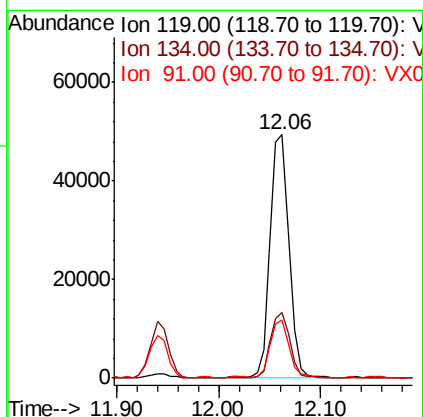
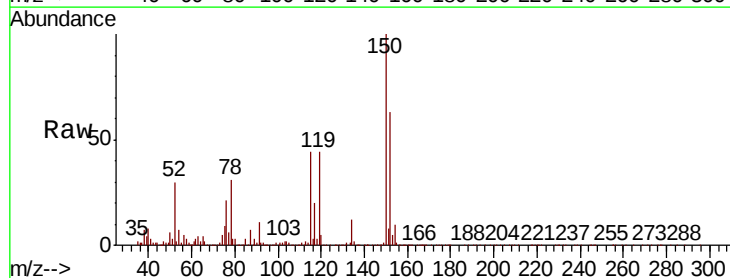
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

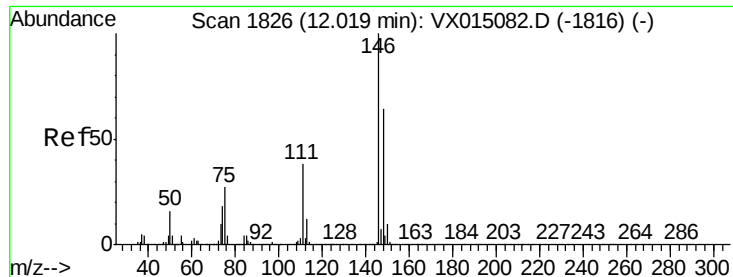
Tot Ion:105 Resp: 69044
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 4.542 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015106.D
 Acq: 05 Mar 2020 13:03

Tgt Ion:119 Resp: 63023
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.4 40.1
 91 23.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 4.891 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

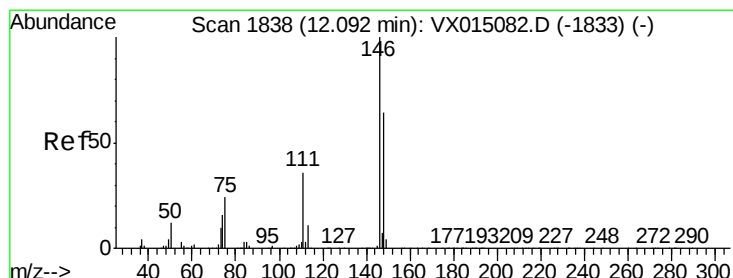
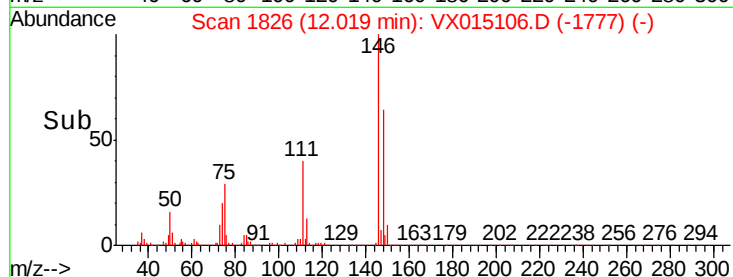
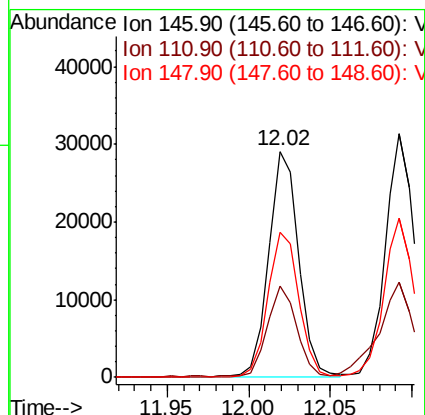
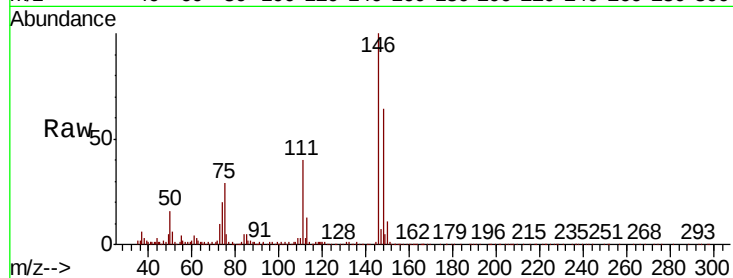
Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

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

Tot Ion:146 Resp: 37140

Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.1	57.1
148	66.7	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 4.888 ug/l

RT: 12.09 min Scan# 1838

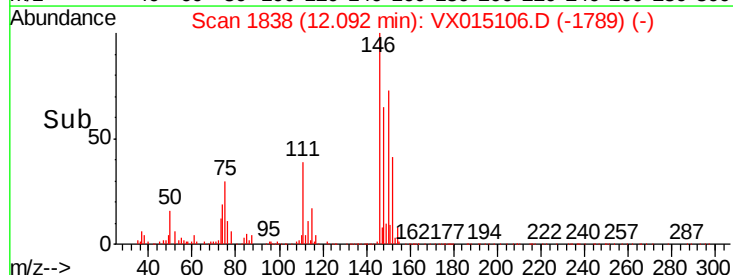
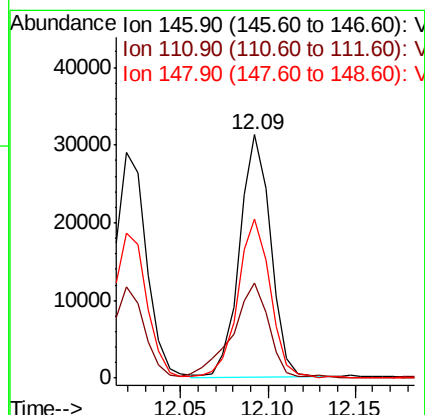
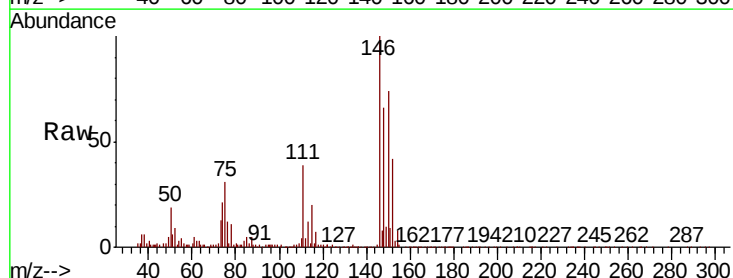
Delta R.T. 0.00 min

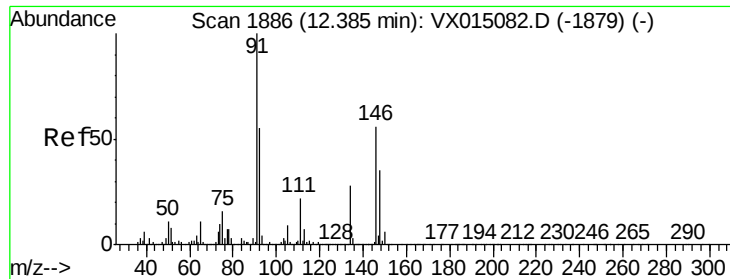
Lab File: VX015106.D

Acq: 05 Mar 2020 13:03

Tgt Ion:146 Resp: 38323

Ion	Ratio	Lower	Upper
146	100		
111	46.8	18.7	56.1
148	69.7	32.5	97.4

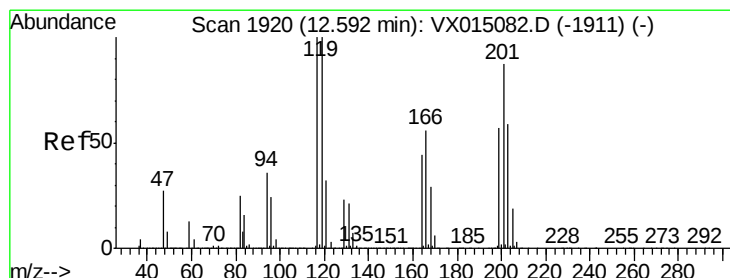
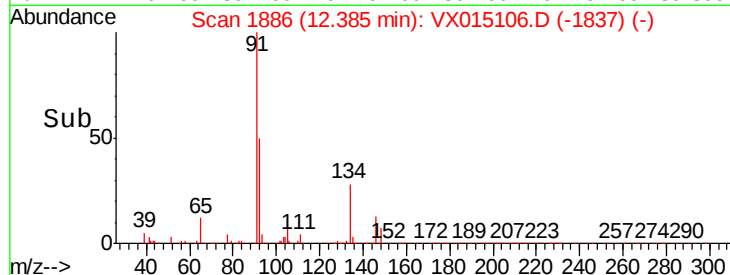
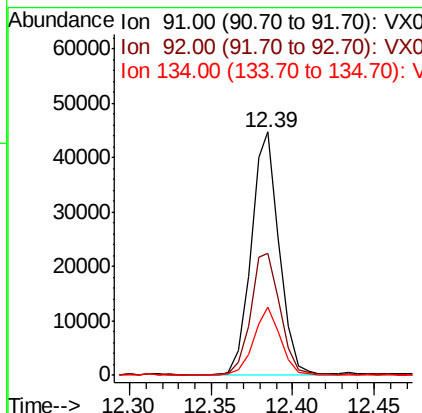
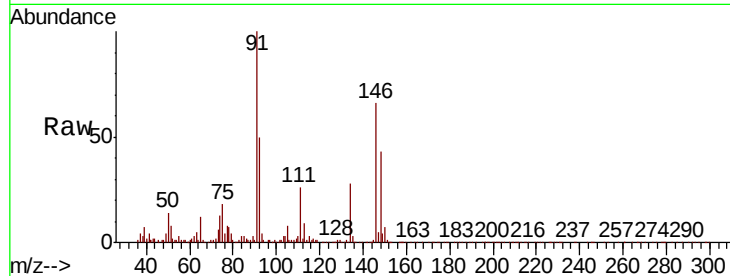




#89
n-Butylbenzene
Concen: 4.341 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

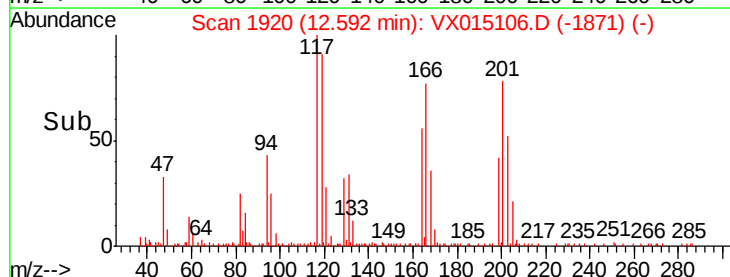
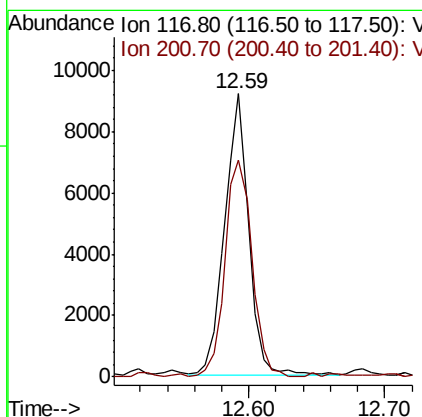
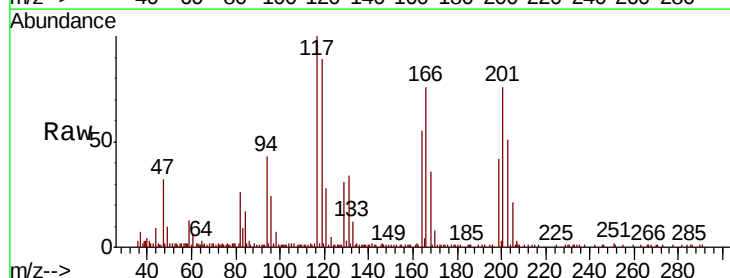
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

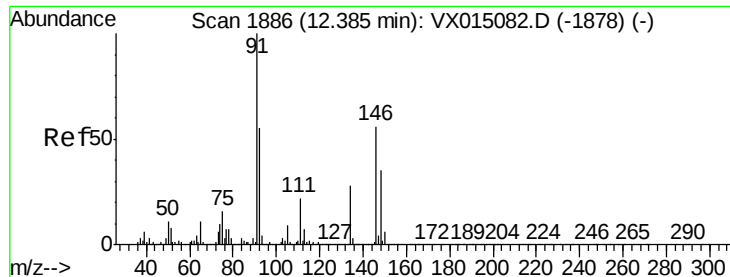
Tot Ion: 91 Resp: 53578
Ion Ratio Lower Upper
91 100
92 52.4 27.2 81.6
134 26.9 13.5 40.5



#90
Hexachloroethane
Concen: 4.320 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

Tgt Ion: 117 Resp: 11332
Ion Ratio Lower Upper
117 100
201 85.8 43.5 130.7

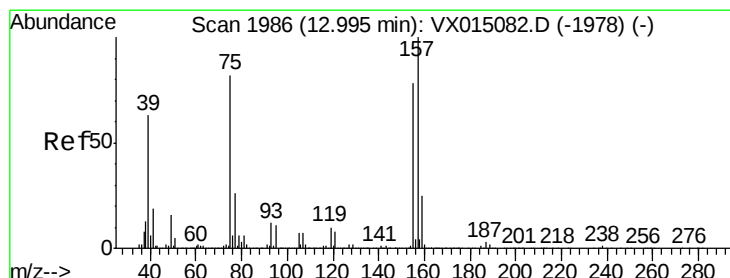
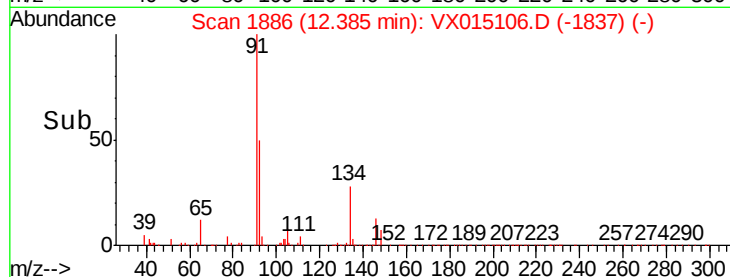
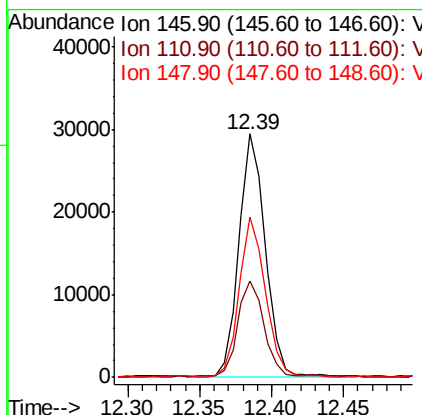
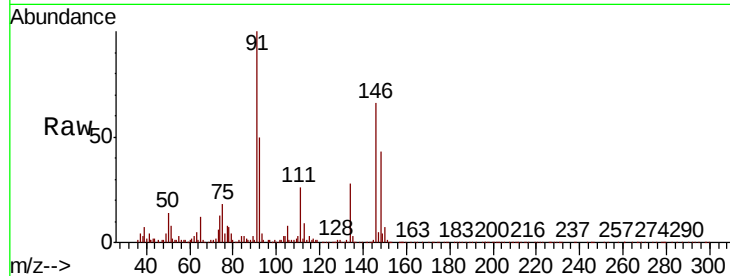




#91
 1,2-Dichlorobenzene
 Concen: 5.002 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015106.D
 Acq: 05 Mar 2020 13:03

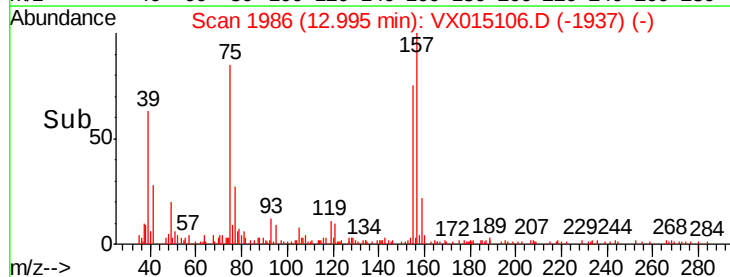
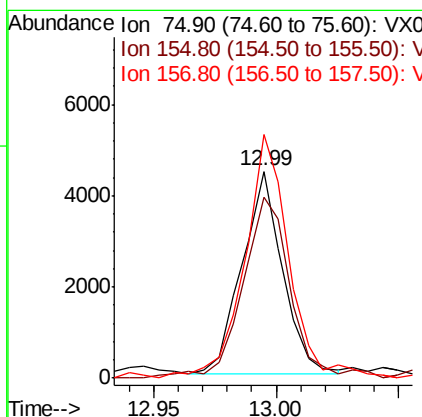
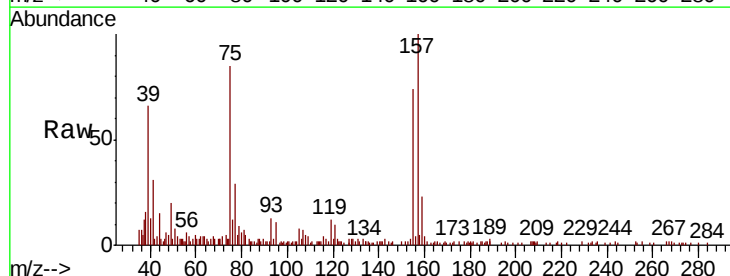
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

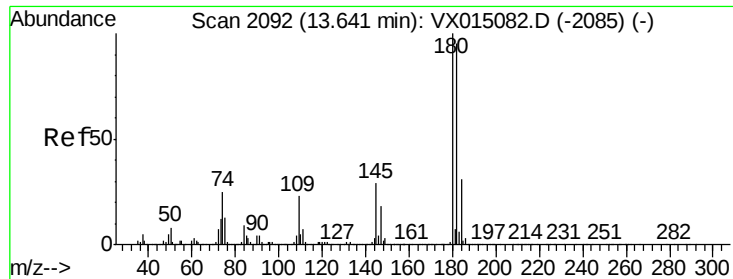
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.9	59.7
148	64.4	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.967 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015106.D
 Acq: 05 Mar 2020 13:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.5	46.6	139.7
157	130.9	59.2	177.5

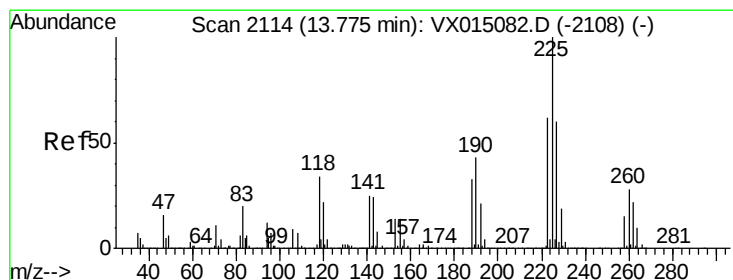
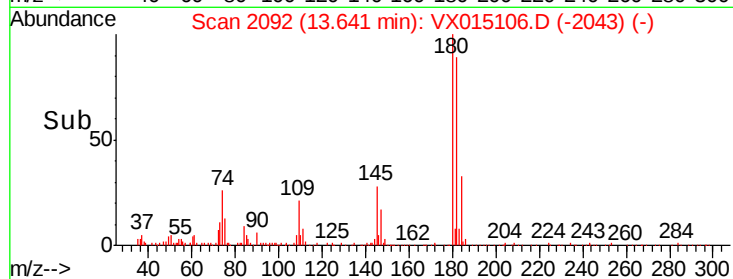
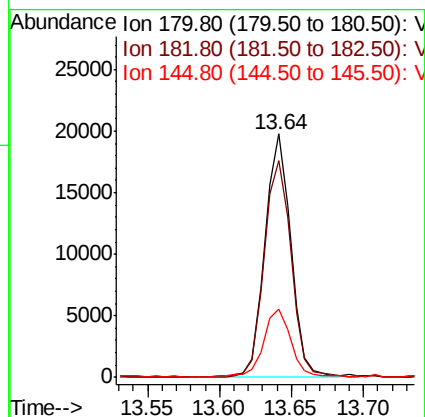
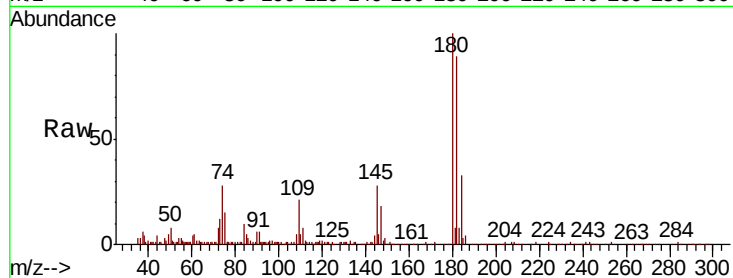




#93
 1,2,4-Trichlorobenzene
 Concen: 4.685 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015106.D
 Acq: 05 Mar 2020 13:03

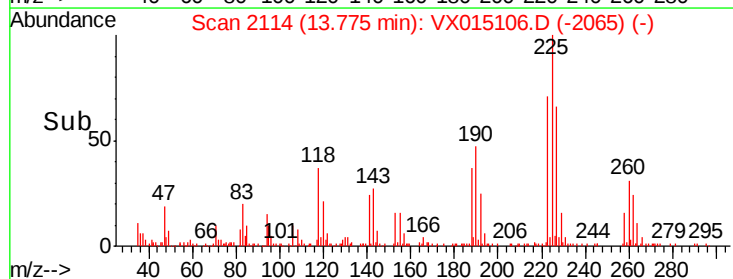
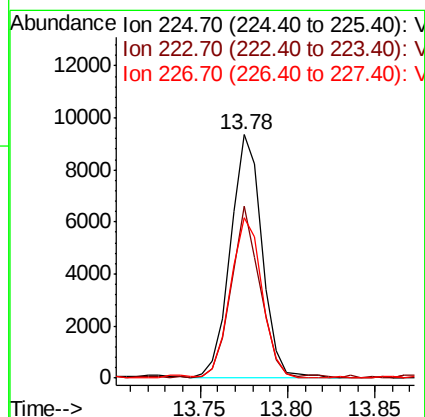
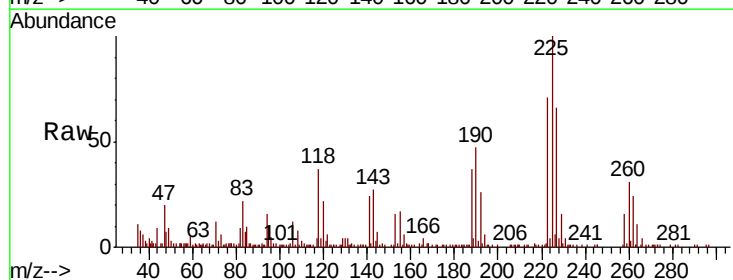
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

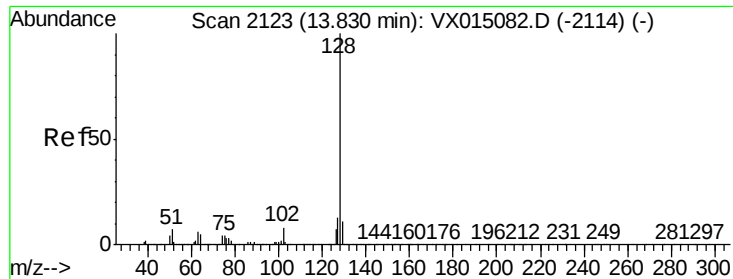
Tot Ion:180 Resp: 24552
 Ion Ratio Lower Upper
 180 100
 182 92.9 47.6 142.8
 145 30.4 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 4.377 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015106.D
 Acq: 05 Mar 2020 13:03

Tgt Ion:225 Resp: 11771
 Ion Ratio Lower Upper
 225 100
 223 65.5 31.3 93.9
 227 66.7 31.1 93.2

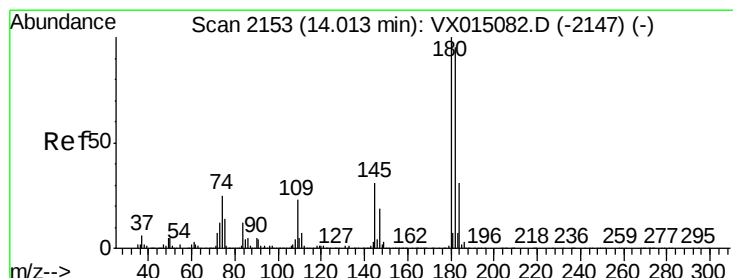
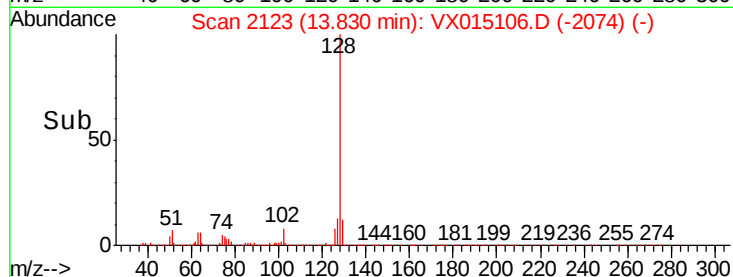
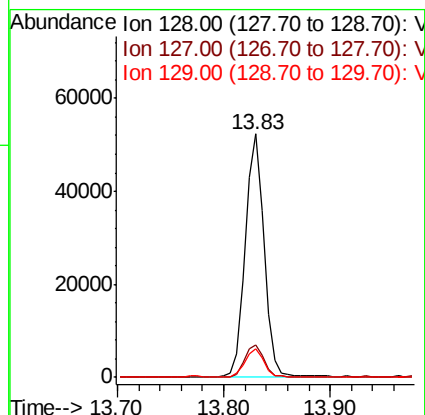
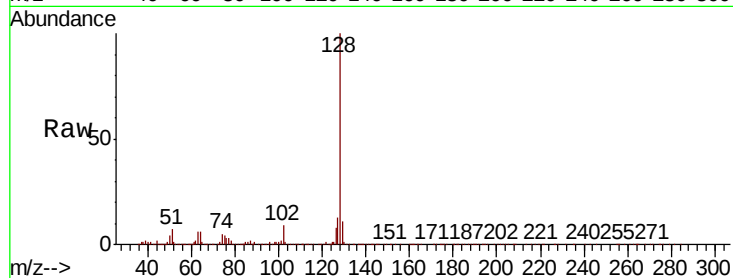




#95
Naphthalene
Concen: 4.581 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

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

Tot Ion:128 Resp: 65612
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.771 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015106.D
Acq: 05 Mar 2020 13:03

Tgt Ion:180 Resp: 24946
Ion Ratio Lower Upper
180 100
182 99.1 47.8 143.4
145 31.6 15.1 45.3

