

Data File : VX015237.D
Acq On : 12 Mar 2020 16:29
Operator : JC/SP
Sample : L1161-08 5PPB LOQ
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Mar 13 03:37:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	45250	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.85	114	244127	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	224503	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	91165	29.87	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.57%
60) 4-Bromofluorobenzene	11.13	95	103531	28.97	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.57%
63) Toluene-d8	8.71	98	296358	30.82	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.73%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	11743	5.160 ug/l	97
3) Chloromethane	1.32	50	17028	5.183 ug/l	100
4) Vinyl Chloride	1.40	62	17946	5.368 ug/l	94
5) Bromomethane	1.64	94	12469	5.724 ug/l	93
6) Chloroethane	1.72	64	11063	5.268 ug/l	98
7) Trichlorofluoromethane	1.92	101	22115	5.188 ug/l	94
8) Diethyl Ether	2.18	74	9989	5.287 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	14228	5.443 ug/l	98
10) 1,1-Dichloroethene	2.37	96	13404	5.086 ug/l	94
11) Methyl Iodide	2.50	142	9461	3.490 ug/l	98
12) Methyl Acetate	3.18	43	8571	2.636 ug/l	100
13) Acrolein	2.28	56	14526	28.294 ug/l	96
14) Acrylonitrile	3.13	53	38638	25.612 ug/l	99
15) Acetone	2.44	58	10489	23.696 ug/l	94
16) Carbon Disulfide	2.56	76	38570	5.226 ug/l	100
17) Allyl chloride	2.72	41	23901	4.888 ug/l	96
18) Methylene Chloride	2.85	84	15673	5.262 ug/l	98
19) trans-1,2-Dichloroethene	3.15	96	14973	5.267 ug/l	96
20) Diisopropyl ether	3.84	45	51104	5.262 ug/l #	81
21) 1,1-Dichloroethane	3.69	63	27040	5.254 ug/l	99
22) cis-1,2-Dichloroethene	4.59	96	17208	5.355 ug/l	95
23) tert-Butyl Alcohol	3.03	59	18937	32.107 ug/l #	98
24) Methyl tert-Butyl Ether	3.18	73	42577	5.000 ug/l	99
25) Chloroform	5.20	83	24142	4.932 ug/l	97
26) Cyclohexane	5.57	56	22259	4.654 ug/l #	99
29) 1,1-Dichloropropene	5.79	75	18363	4.902 ug/l	99
30) 2-Butanone	4.66	43	52012	25.926 ug/l	99
31) 2,2-Dichloropropane	4.58	77	19978	5.191 ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	20120	4.935 ug/l #	87
33) Carbon Tetrachloride	5.48	117	2762	0.792 ug/l	89
34) Benzene	6.14	78	57231	5.042 ug/l	97
35) Methacrylonitrile	5.03	41	9943	4.584 ug/l	90
37) Trichloroethene	7.21	130	15503	4.938 ug/l	87
38) Methylcyclohexane	7.46	83	21963	4.825 ug/l	98
39) 1,2-Dichloropropane	7.51	63	15293	5.215 ug/l	99
40) Dibromomethane	7.65	93	10141	5.441 ug/l	94
41) Bromodichloromethane	7.89	83	17921	4.861 ug/l	93

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ALS Vial : 18 Sample Multiplier: 1

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

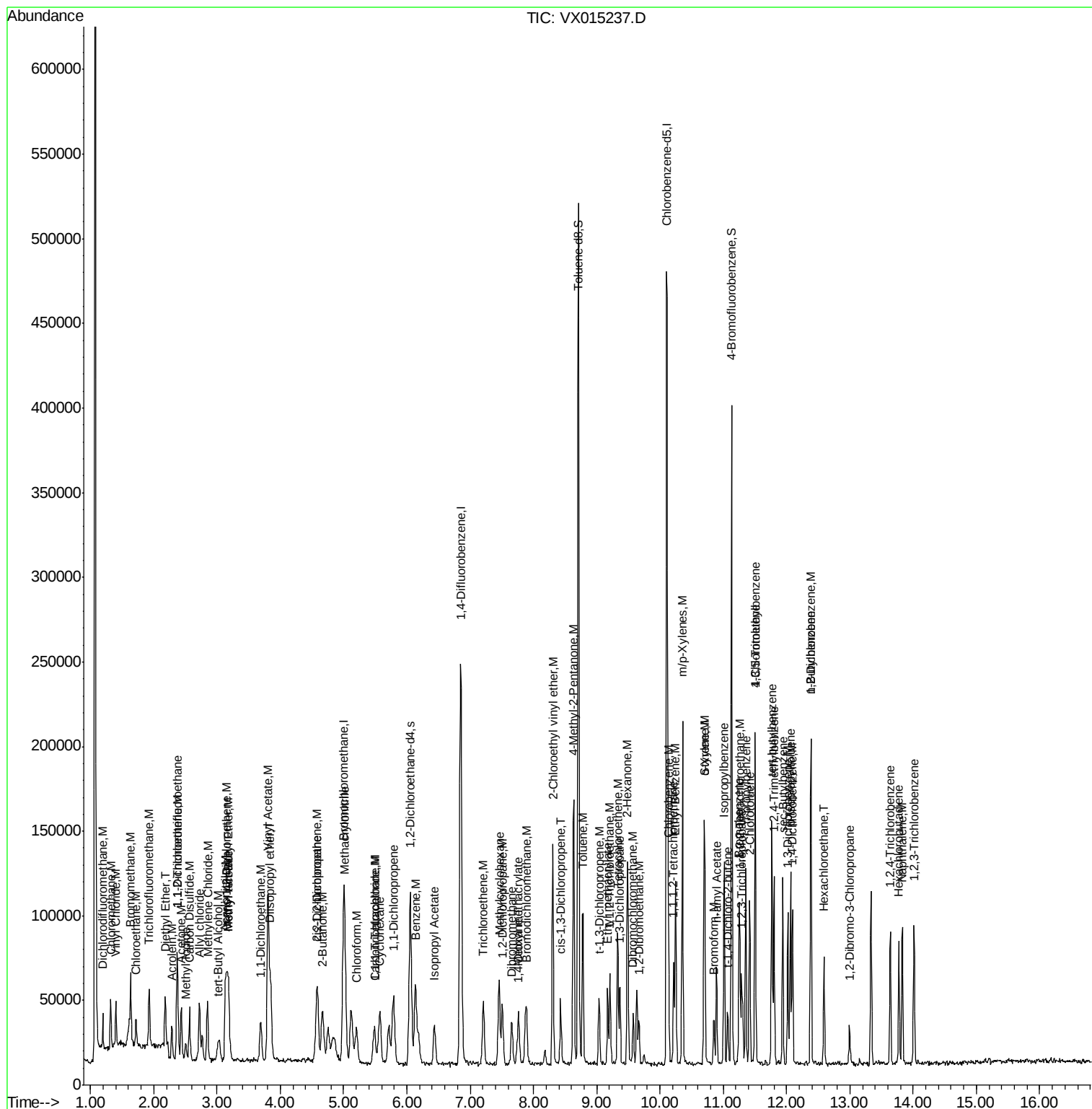
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
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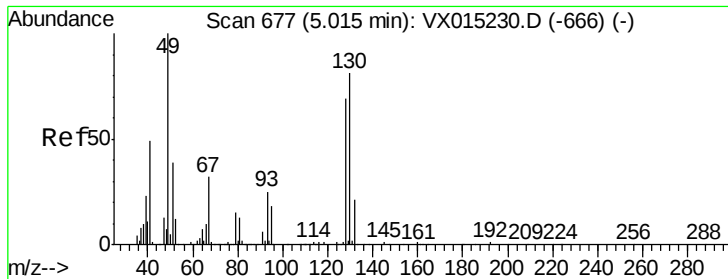
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	3.80	43	202280	25.568	ug/l	99
44) Isopropyl Acetate	6.43	43	31767	4.934	ug/l	99
45) 1,4-Dioxane	7.75	88	6835	108.089	ug/l	99
46) Methyl methacrylate	7.76	41	14187	4.469	ug/l	96
47) n-amyl Acetate	10.89	43	24020	4.158	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	19315	4.819	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	20848	4.580	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	13645	4.951	ug/l	97
51) Ethyl methacrylate	9.17	69	19585	4.554	ug/l	99
52) 1,3-Dichloropropane	9.37	76	23784	5.099	ug/l	95
53) Dibromochloromethane	9.57	129	13549	4.616	ug/l	95
54) 1,2-Dibromoethane	9.67	107	14551	5.118	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	52035	24.160	ug/l	99
56) Bromoform	10.85	173	9889	4.297	ug/l	97
58) 4-Methyl-2-Pentanone	8.64	43	95298	24.934	ug/l	99
59) 2-Hexanone	9.48	43	68582	23.741	ug/l	99
61) Tetrachloroethene	9.33	164	16605	5.313	ug/l	95
62) Toluene	8.78	91	60649	5.105	ug/l	99
64) Chlorobenzene	10.14	112	38360	5.053	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	13601	4.864	ug/l	95
66) Ethyl Benzene	10.25	91	63565	4.803	ug/l	96
67) m/p-Xylenes	10.35	106	48372	9.522	ug/l	100
68) o-Xylene	10.70	106	22996	4.721	ug/l	97
69) Styrene	10.71	104	38904	4.590	ug/l	98
70) Isopropylbenzene	11.01	105	62341	4.809	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	20262	4.815	ug/l	94
72) 1,2,3-Trichloropropane	11.29	75	22157	6.432	ug/l	84
73) Bromobenzene	11.25	156	17679	5.000	ug/l	97
74) n-propylbenzene	11.35	91	70228	4.585	ug/l	99
75) 2-Chlorotoluene	11.42	91	42391	4.741	ug/l	97
76) 1,3,5-Trimethylbenzene	11.50	105	50669	4.579	ug/l	97
77) t-1,4-Dichloro-2-butene	11.07	75	5324	3.691	ug/l	94
78) 4-Chlorotoluene	11.51	91	47733	4.637	ug/l	100
79) tert-butylbenzene	11.76	119	48890	4.712	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	50657	4.630	ug/l	100
81) sec-Butylbenzene	11.94	105	58871	4.572	ug/l	99
82) p-Isopropyltoluene	12.06	119	53195	4.492	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	29849	4.778	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	30184	4.831	ug/l	97
85) n-Butylbenzene	12.39	91	45755	4.409	ug/l	99
86) Hexachloroethane	12.59	117	9527	4.596	ug/l	95
87) 1,2-Dichlorobenzene	12.39	146	29876	4.905	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	4210	4.859	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	20176	4.481	ug/l	98
90) Hexachlorobutadiene	13.78	225	11529	4.977	ug/l	97
91) Naphthalene	13.83	128	53406	4.282	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	20219	4.462	ug/l	97

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

Instrument :
MSVOA_X
ClientSampleId :
LOO-WATER-02-OT1-2020

Quant Time: Mar 13 03:37:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
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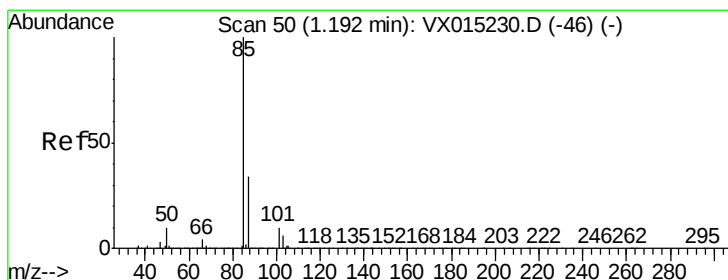
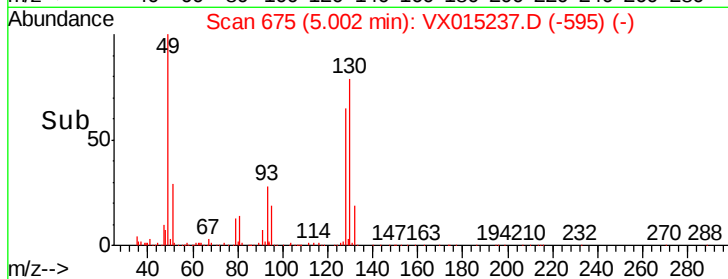
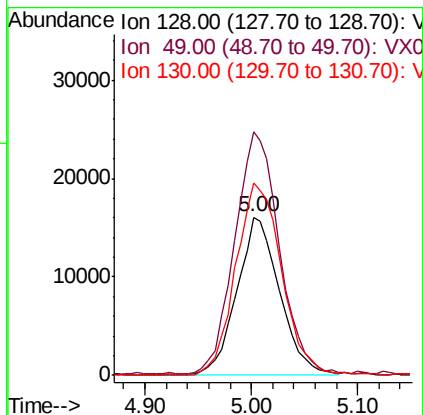
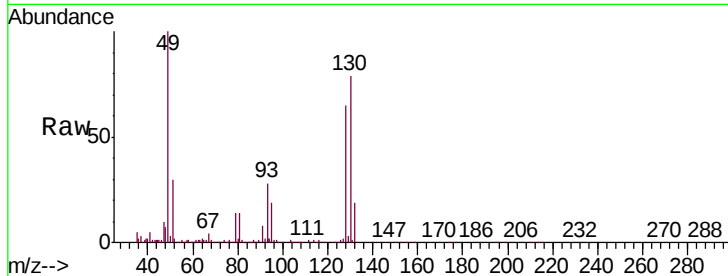


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX015237.D
 Acq: 12 Mar 2020 16:29

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

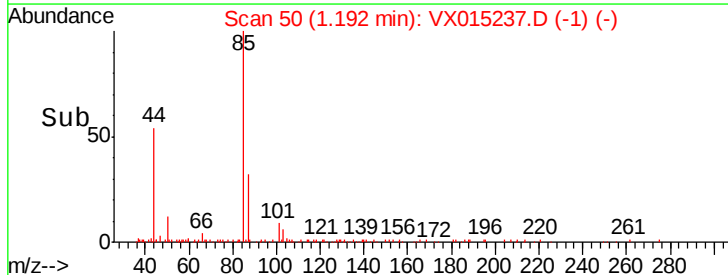
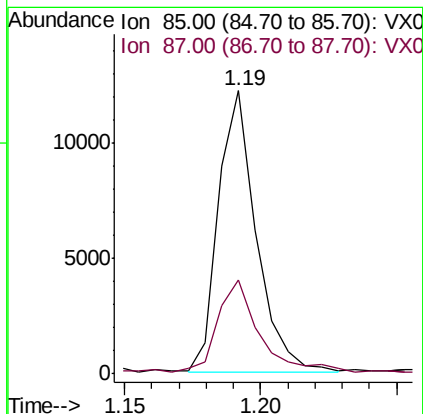
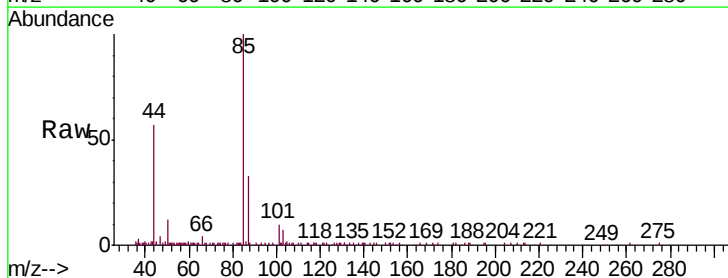
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 Ion Ratio Lower Upper
 128 100
 49 158.0 0.0 406.8
 130 130.1 0.0 319.3

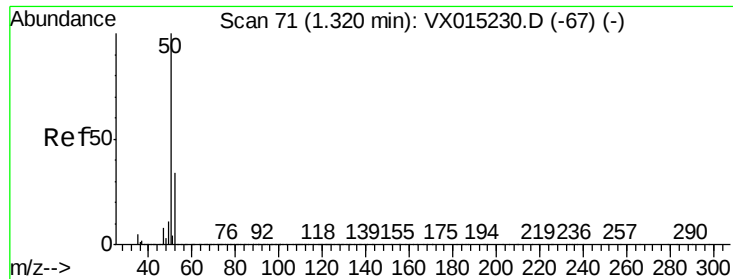


#2

Dichlorodifluoromethane
 Concen: 5.160 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX015237.D
 Acq: 12 Mar 2020 16:29

Tgt Ion: 85 Resp: 11743
 Ion Ratio Lower Upper
 85 100
 87 31.7 16.7 50.1

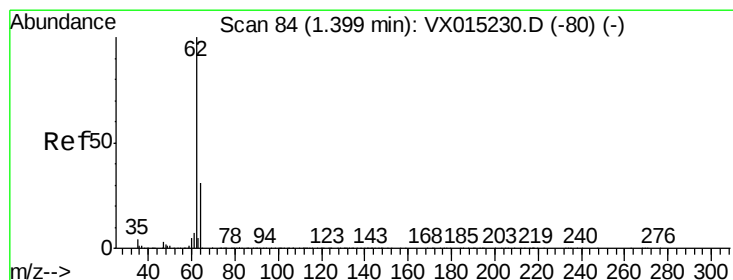
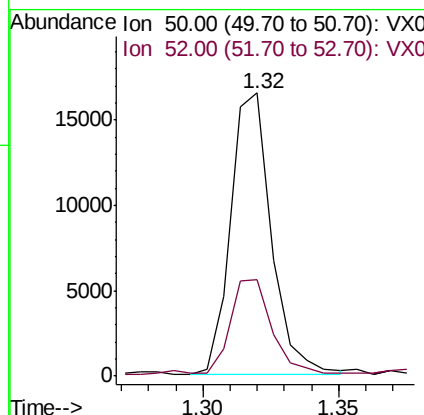
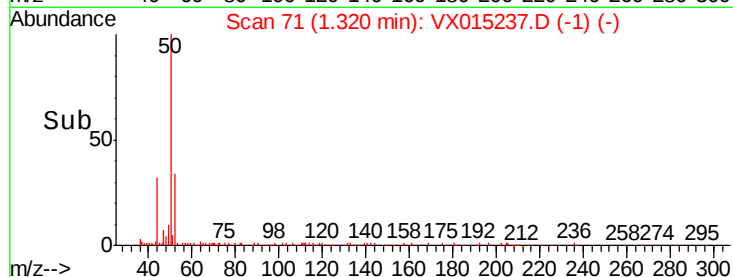
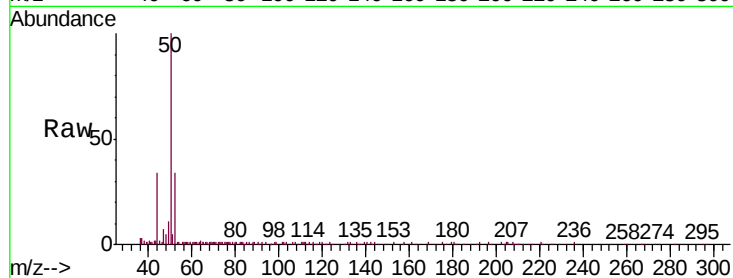




#3
Chloromethane
Concen: 5.183 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

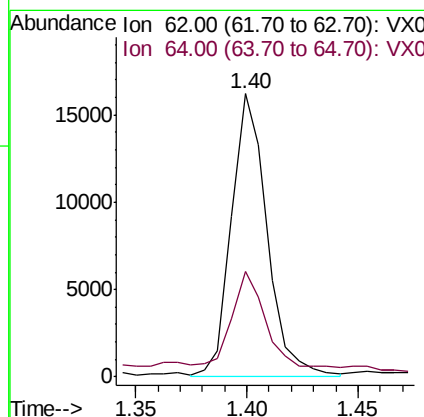
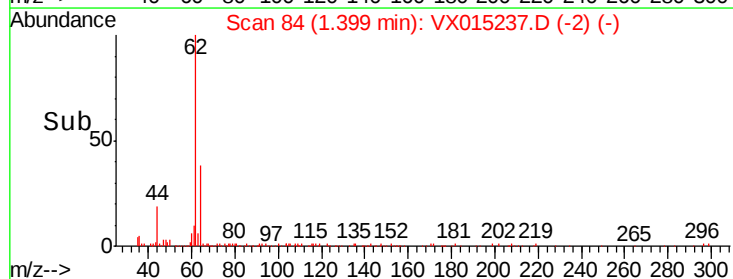
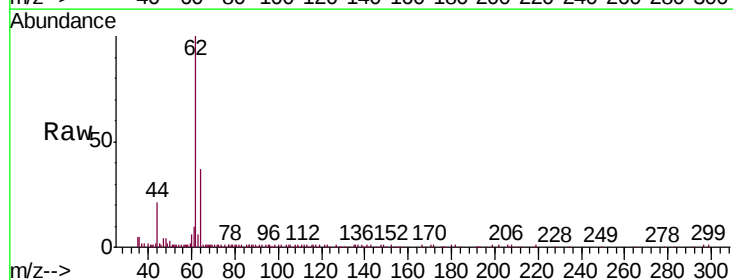
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

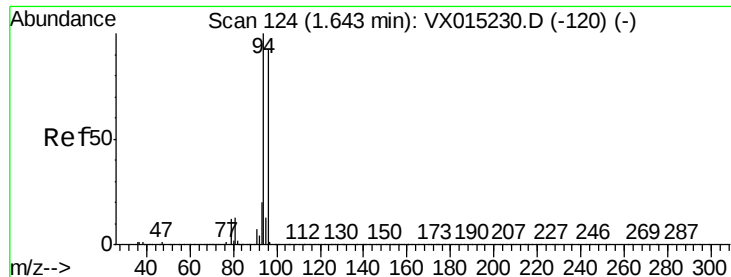
Tgt Ion: 50 Resp: 17028
Ion Ratio Lower Upper
50 100
52 33.4 26.9 40.3



#4
Vinyl Chloride
Concen: 5.368 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

Tgt Ion: 62 Resp: 17946
Ion Ratio Lower Upper
62 100
64 34.2 24.9 37.3





#5

Bromomethane

Concen: 5.724 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

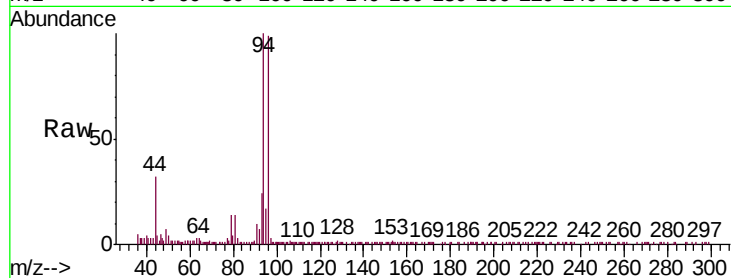
LOQ-WATER-02-QT1-2020

Tgt Ion: 94 Resp: 12469

Ion Ratio Lower Upper

94 100

96 97.9 73.0 109.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

12000

10000

8000

6000

4000

2000

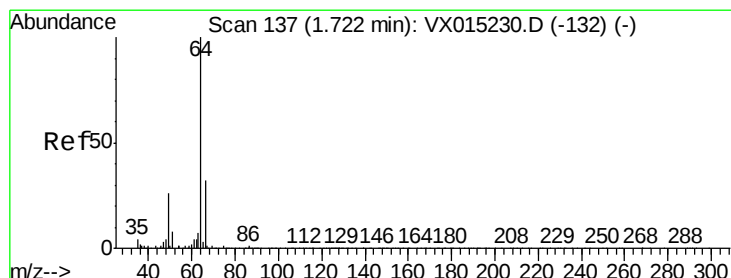
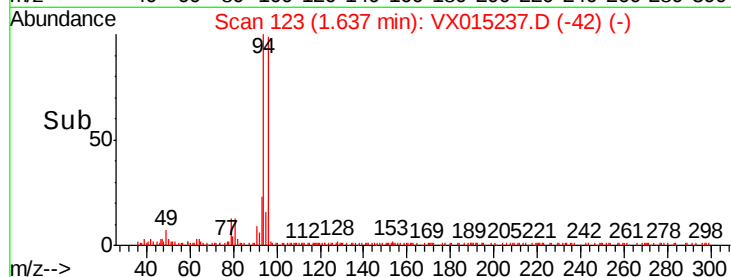
0

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 5.268 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015237.D

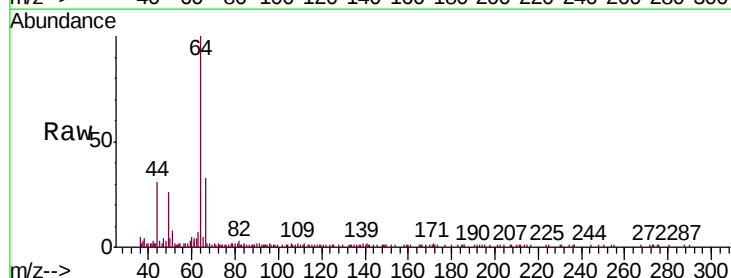
Acq: 12 Mar 2020 16:29

Tgt Ion: 64 Resp: 11063

Ion Ratio Lower Upper

64 100

66 31.5 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

10000

8000

6000

4000

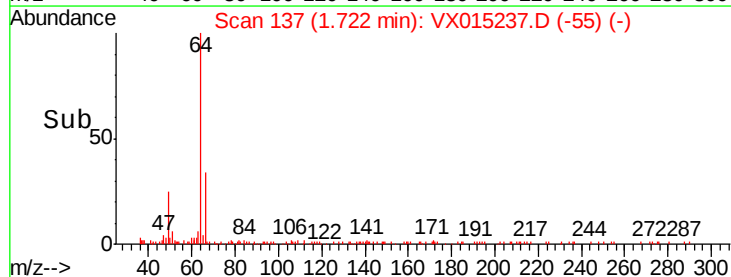
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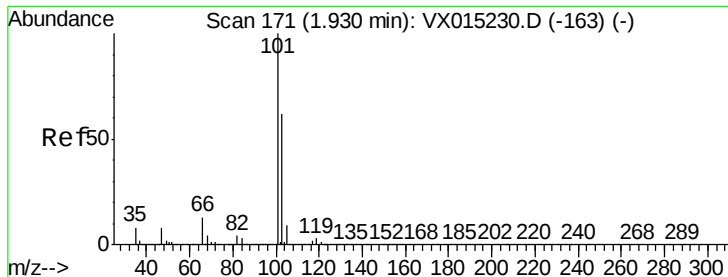
0

1.70

1.75

Time-->



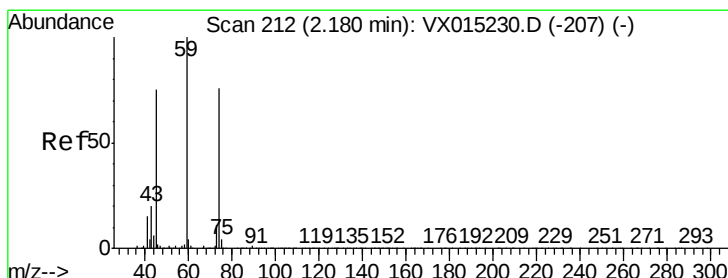
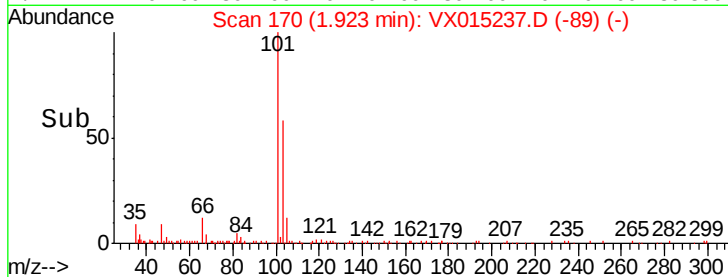
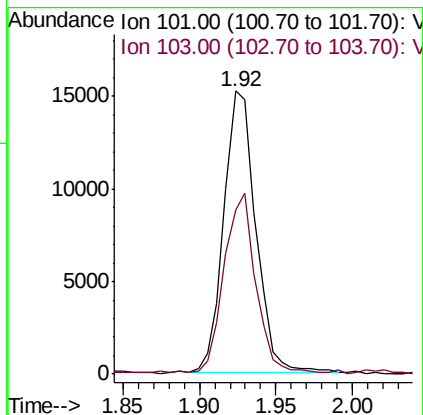
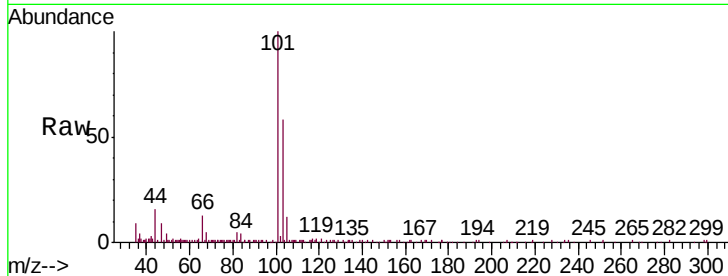


#7

Trichlorofluoromethane
Concen: 5.188 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

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

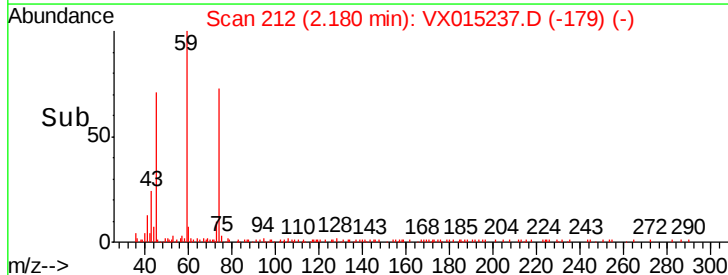
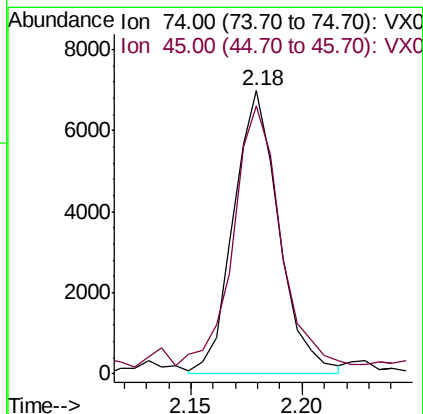
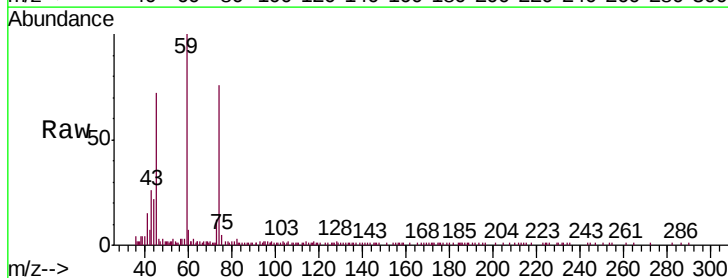
Tgt Ion:101 Resp: 22115
Ion Ratio Lower Upper
101 100
103 58.0 49.9 74.9

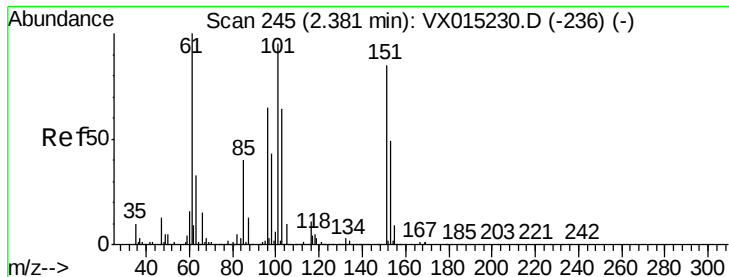


#8

Diethyl Ether
Concen: 5.287 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

Tgt Ion: 74 Resp: 9989
Ion Ratio Lower Upper
74 100
45 96.2 20.3 182.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.443 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

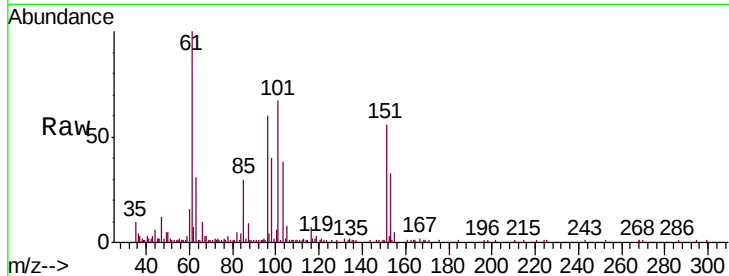
Tgt Ion:101 Resp: 14228

Ion Ratio Lower Upper

101 100

85 44.4 0.0 82.0

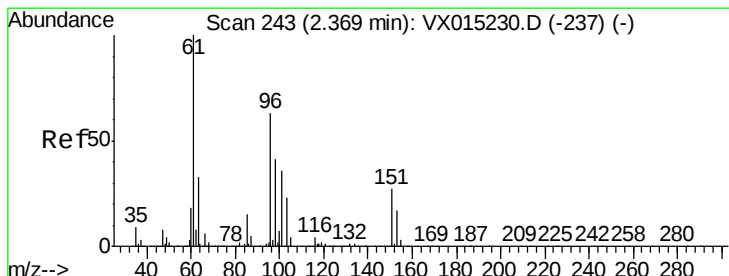
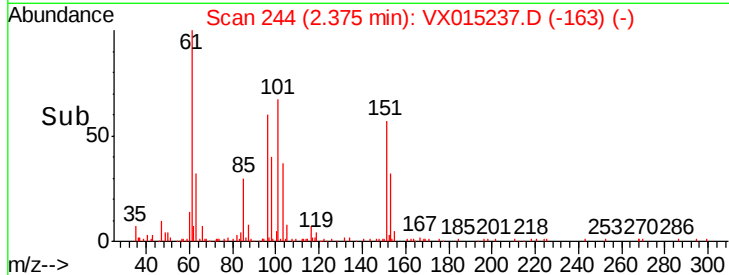
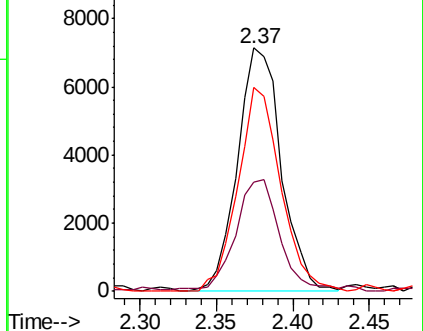
151 81.6 0.0 165.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 5.086 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

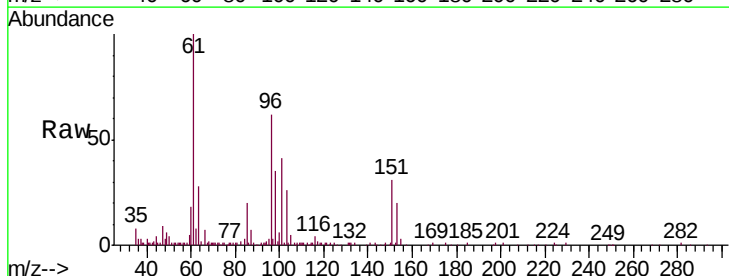
Tgt Ion: 96 Resp: 13404

Ion Ratio Lower Upper

96 100

61 162.4 126.2 189.2

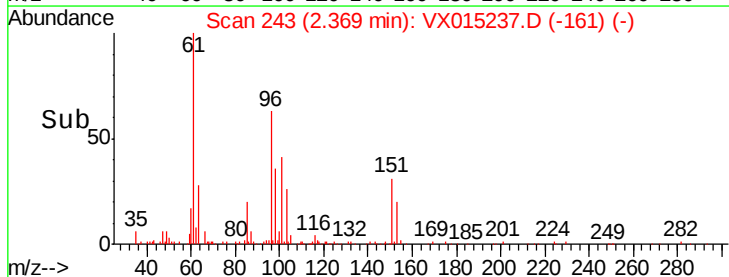
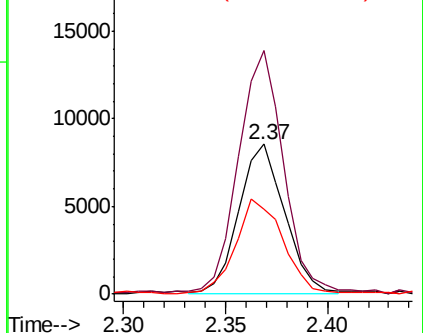
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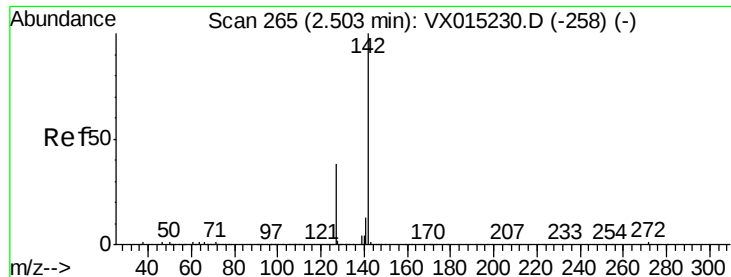


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

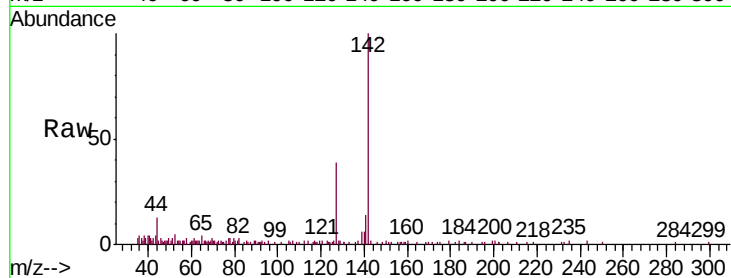




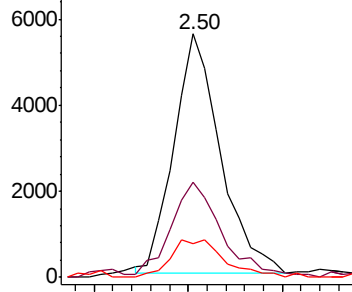
#11
Methyl Iodide
Concen: 3.490 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

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

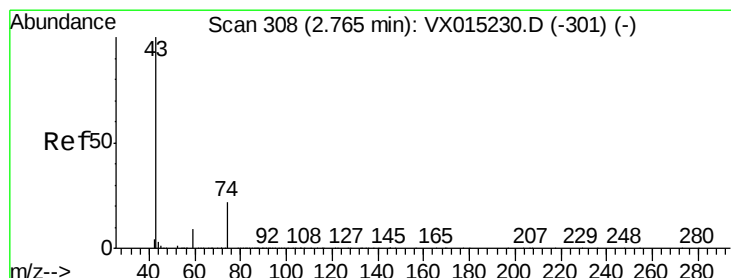
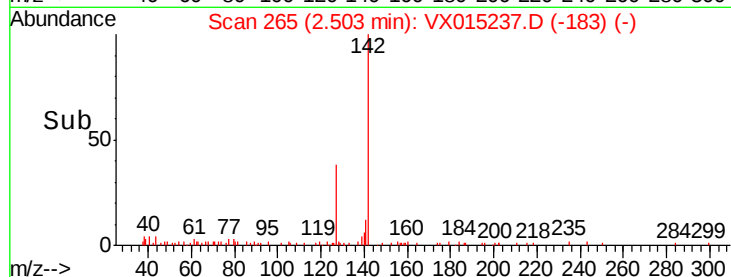
Tgt Ion:142 Resp: 9461
Ion Ratio Lower Upper
142 100
127 38.5 18.9 56.9
141 14.5 6.6 19.7



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

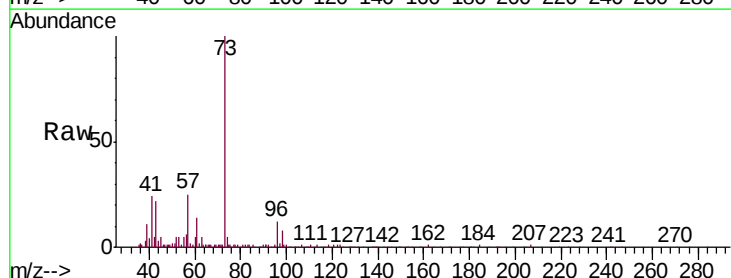


Time-->

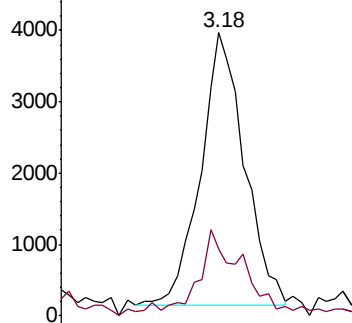


#12
Methyl Acetate
Concen: 2.636 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.41 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

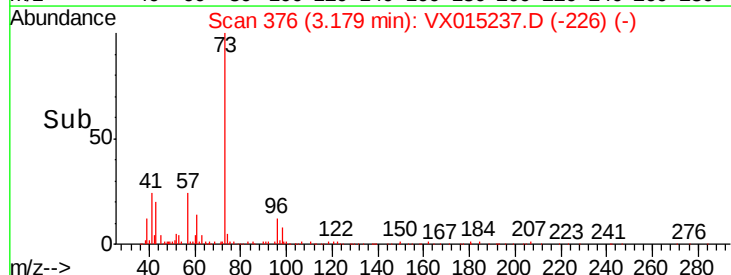
Tgt Ion: 43 Resp: 8571
Ion Ratio Lower Upper
43 100
74 22.3 18.0 27.0

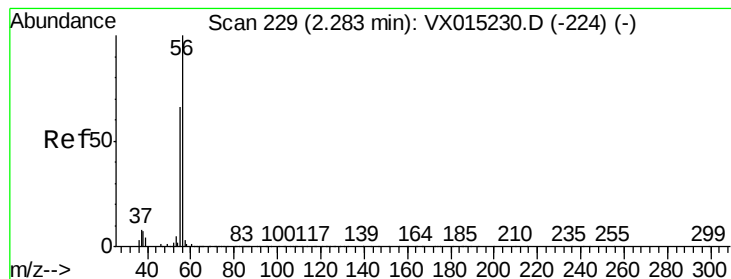


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0



Time-->





#13

Acrolein

Concen: 28.294 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

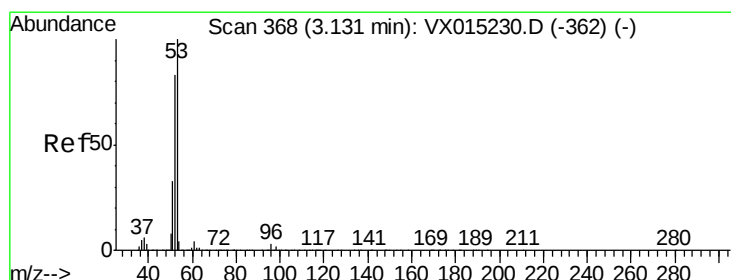
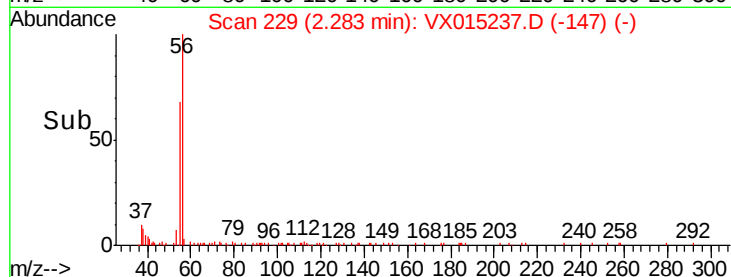
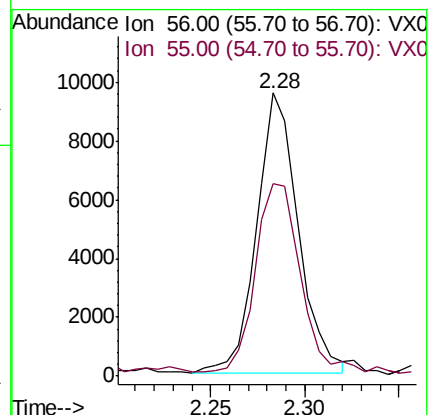
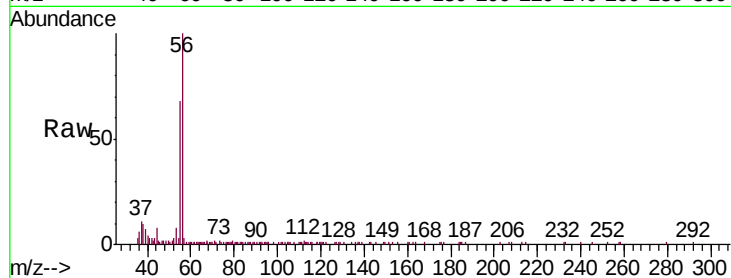
LOQ-WATER-02-QT1-2020

Tgt Ion: 56 Resp: 14526

Ion Ratio Lower Upper

56 100

55 72.1 55.1 82.7



#14

Acrylonitrile

Concen: 25.612 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

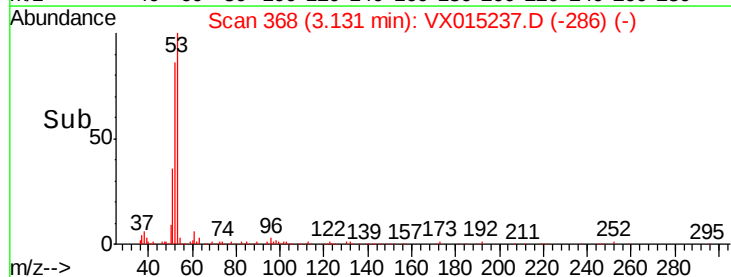
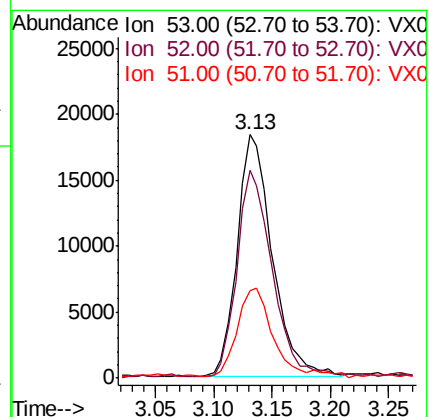
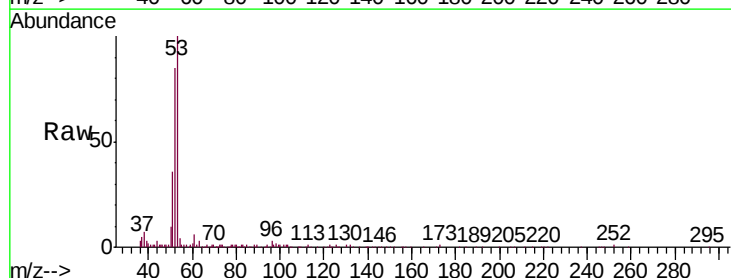
Tgt Ion: 53 Resp: 38638

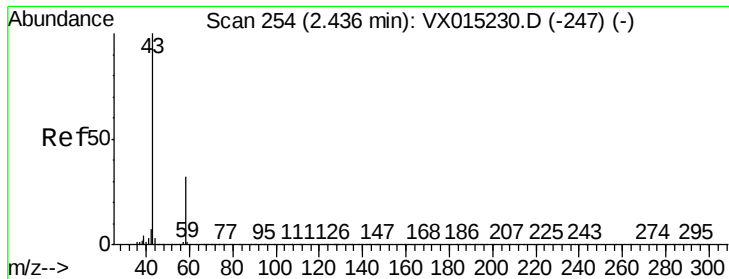
Ion Ratio Lower Upper

53 100

52 84.5 41.5 124.5

51 35.3 17.7 53.1





#15

Acetone

Concen: 23.696 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

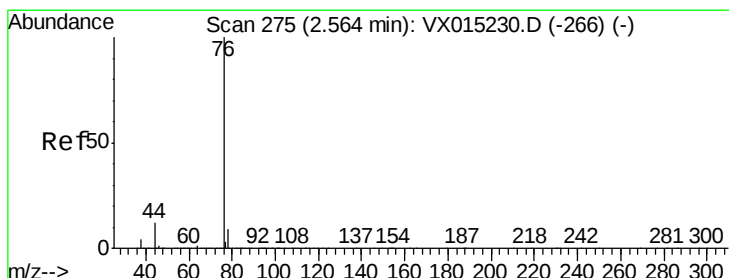
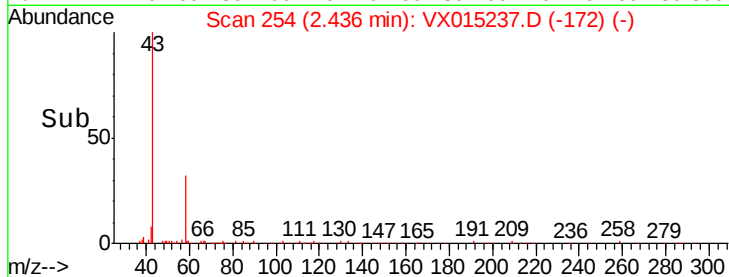
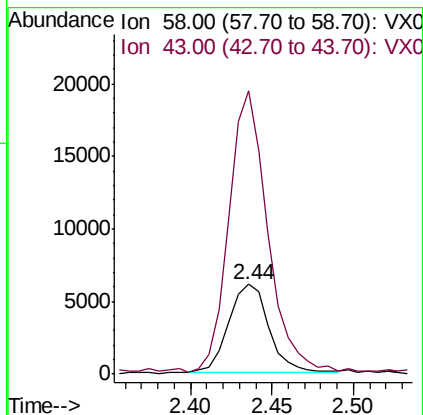
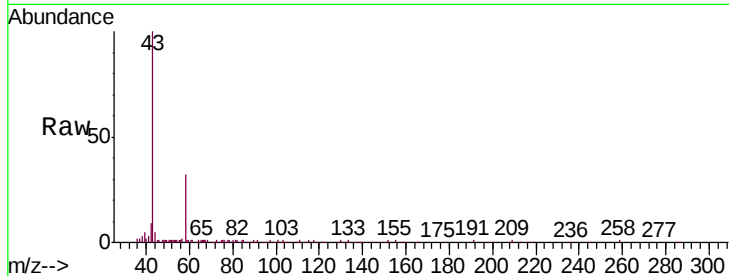
LOQ-WATER-02-QT1-2020

Tgt Ion: 58 Resp: 10489

Ion Ratio Lower Upper

58 100

43 323.6 248.7 373.1



#16

Carbon Disulfide

Concen: 5.226 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015237.D

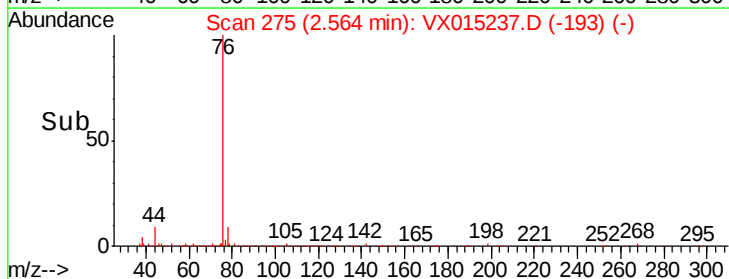
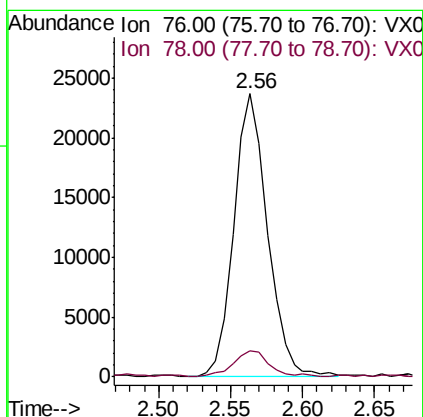
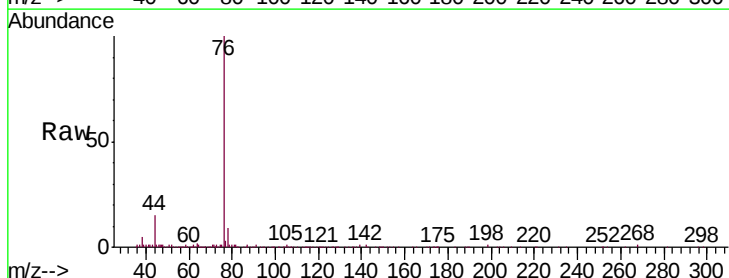
Acq: 12 Mar 2020 16:29

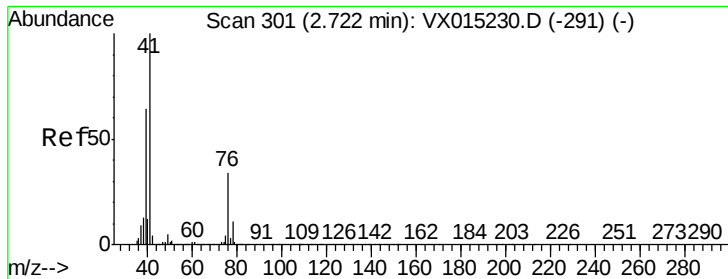
Tgt Ion: 76 Resp: 38570

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#17

Allyl chloride

Concen: 4.888 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

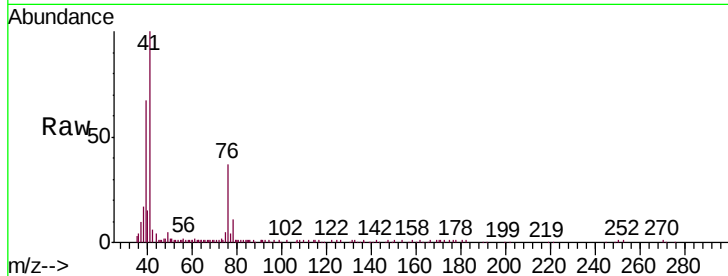
Tgt Ion: 41 Resp: 23901

Ion Ratio Lower Upper

41 100

39 67.2 32.1 96.5

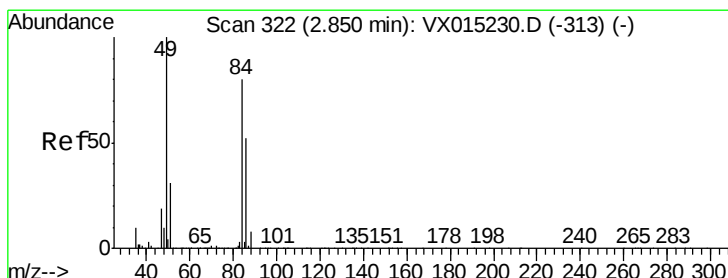
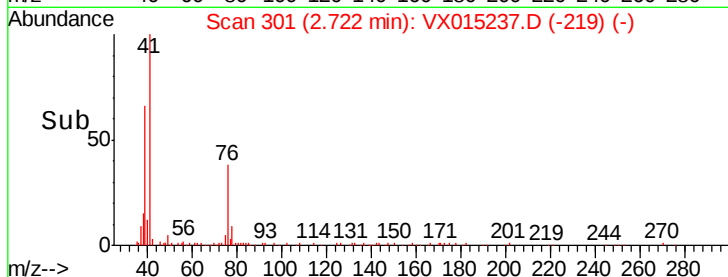
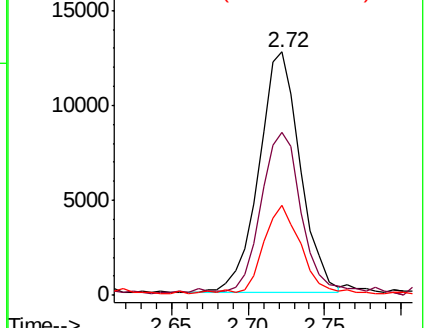
76 36.9 17.2 51.5



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 5.262 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Tgt Ion: 84 Resp: 15673

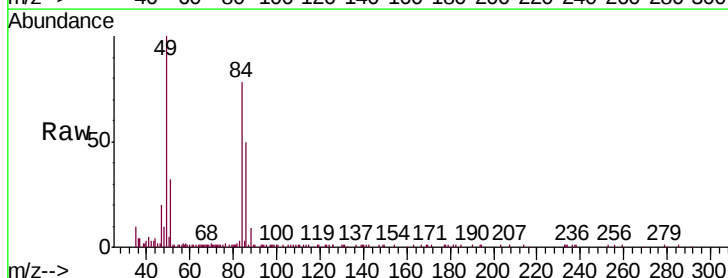
Ion Ratio Lower Upper

84 100

49 126.3 99.5 149.3

51 39.3 31.0 46.6

86 63.6 52.0 78.0

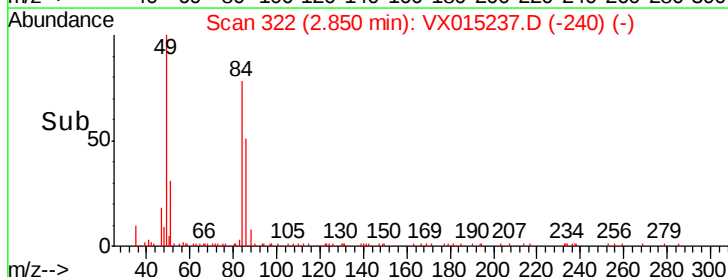
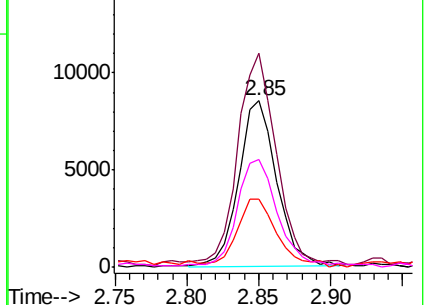


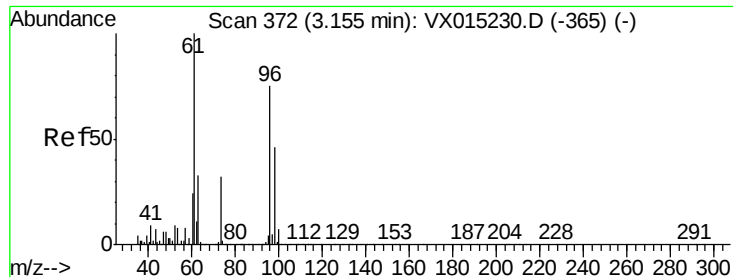
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

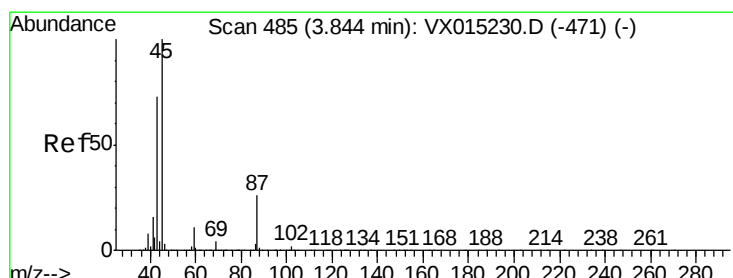
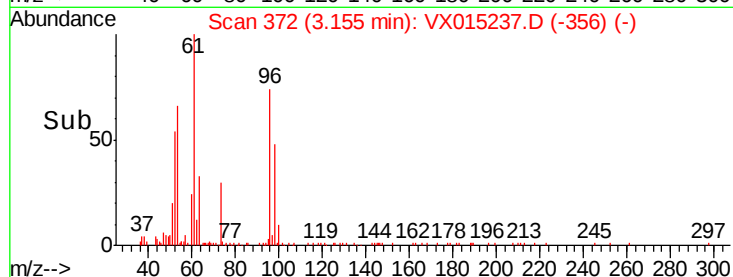
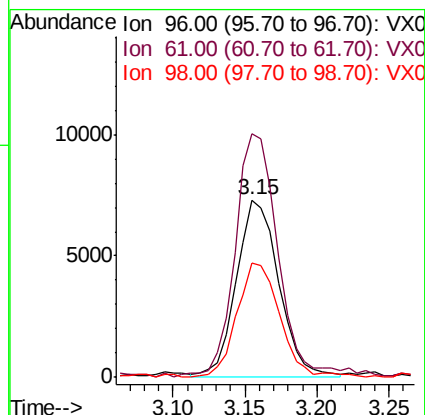
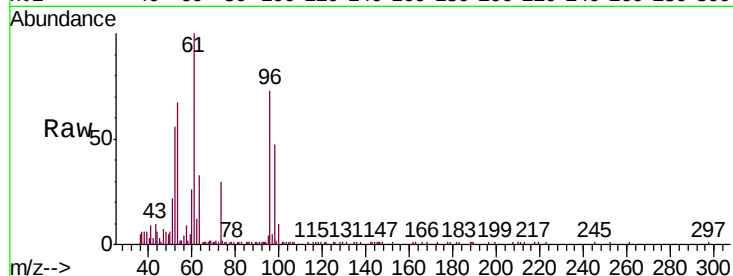




#19
trans-1,2-Dichloroethene
Concen: 5.267 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

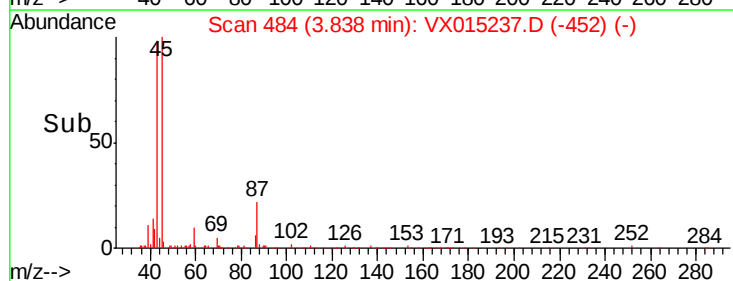
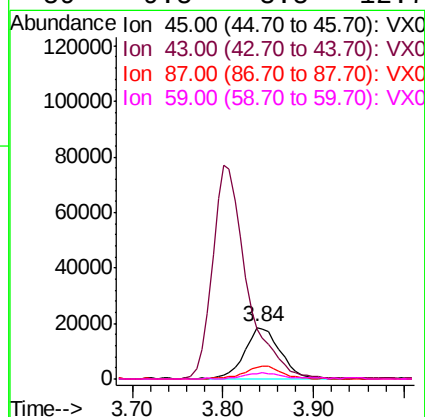
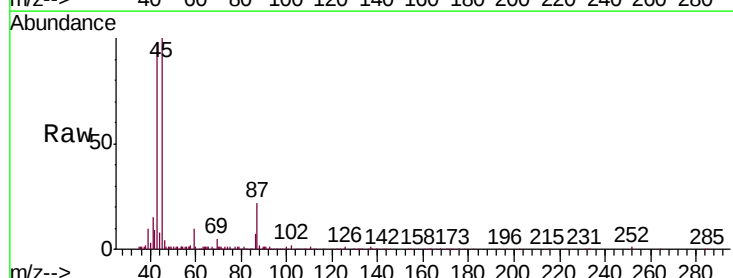
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

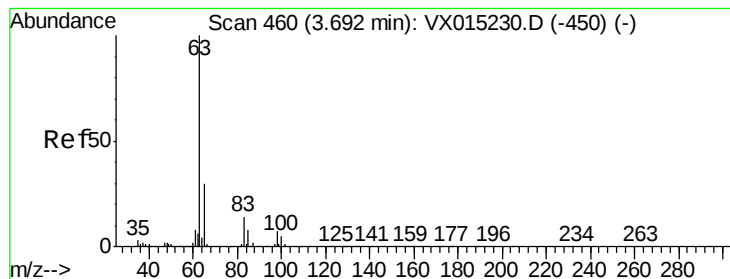
Tgt Ion: 96 Resp: 14973
Ion Ratio Lower Upper
96 100
61 137.3 106.3 159.5
98 65.7 49.1 73.7



#20
Diisopropyl ether
Concen: 5.262 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

Tgt Ion: 45 Resp: 51104
Ion Ratio Lower Upper
45 100
43 94.6 58.6 87.8#
87 21.6 21.0 31.4
59 9.5 8.5 12.7





#21

1,1-Dichloroethane

Concen: 5.254 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

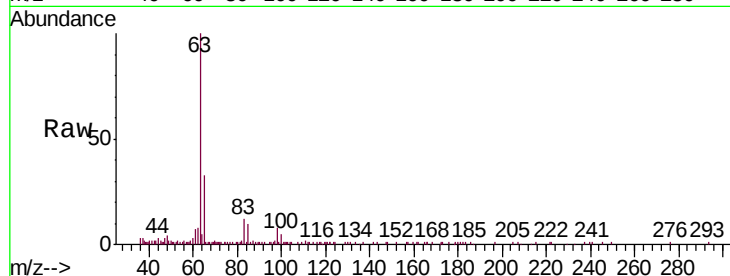
Tgt Ion: 63 Resp: 27040

Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.6

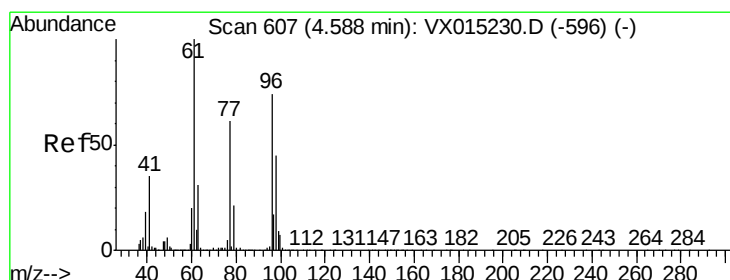
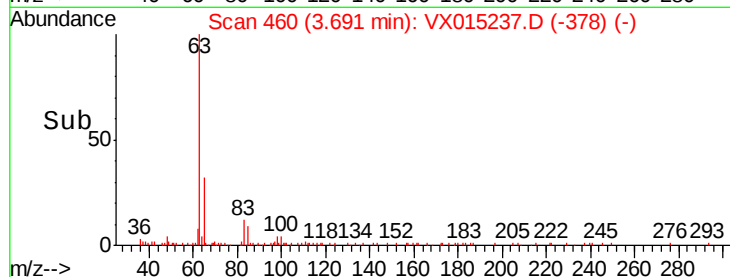
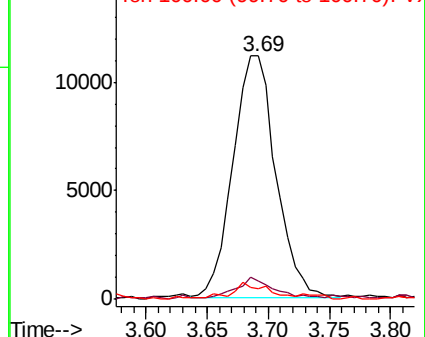
100 4.6 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 5.355 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

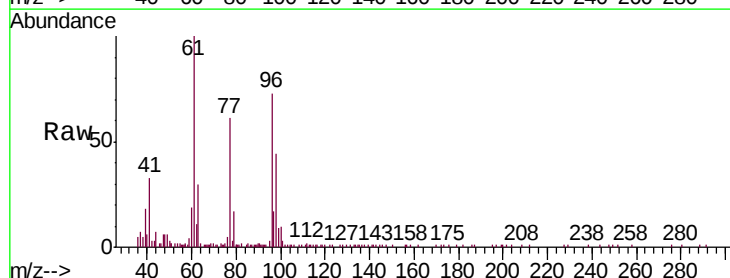
Tgt Ion: 96 Resp: 17208

Ion Ratio Lower Upper

96 100

61 133.4 111.4 167.0

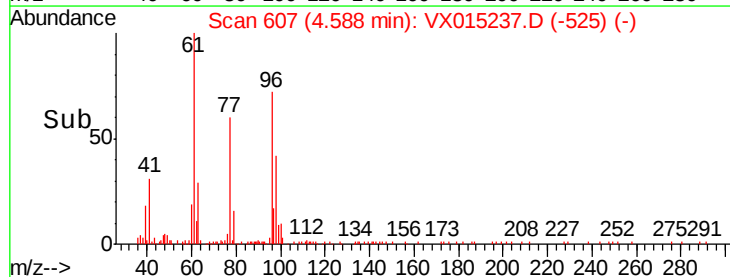
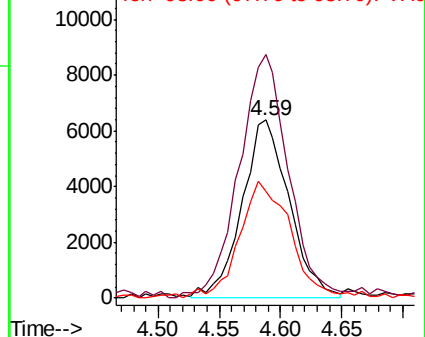
98 67.4 50.1 75.1

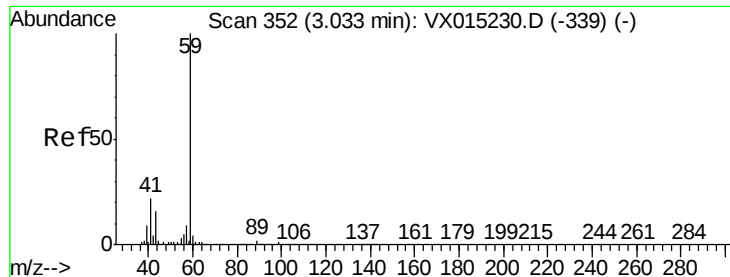


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 32.107 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

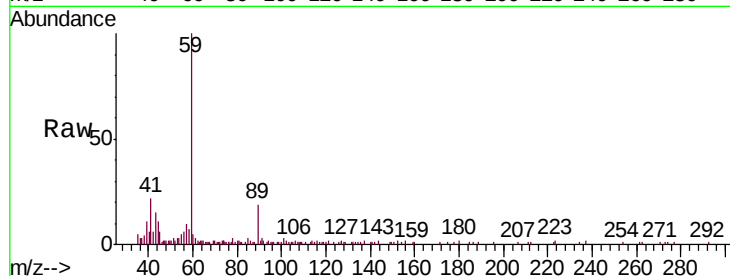
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Tgt Ion: 59 Resp: 18937

Ion Ratio Lower Upper

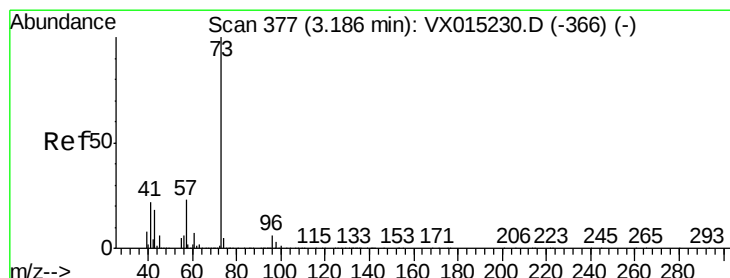
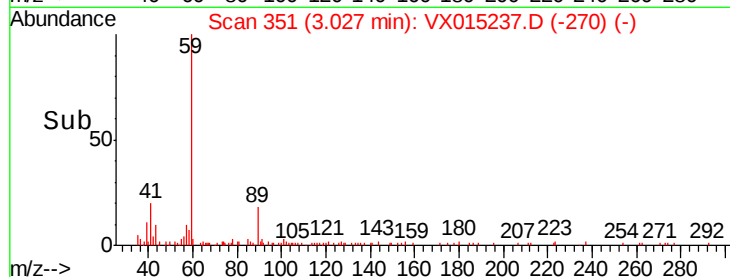
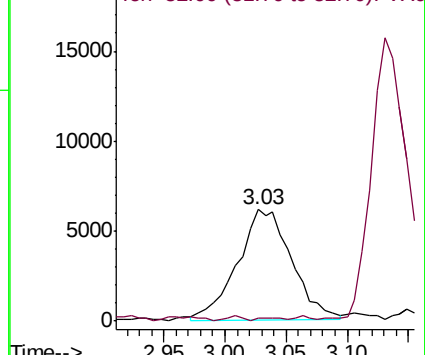
59 100

52 1.5 0.4 0.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 5.000 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX015237.D

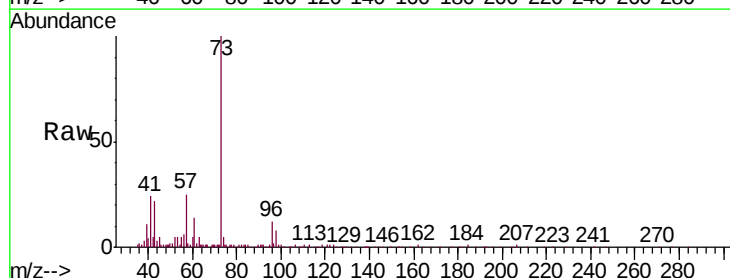
Acq: 12 Mar 2020 16:29

Tgt Ion: 73 Resp: 42577

Ion Ratio Lower Upper

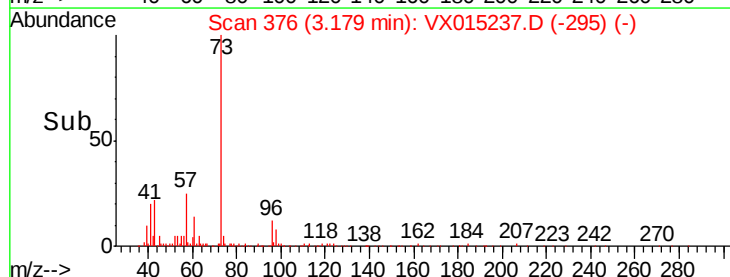
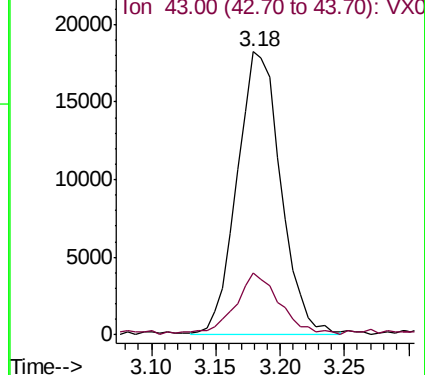
73 100

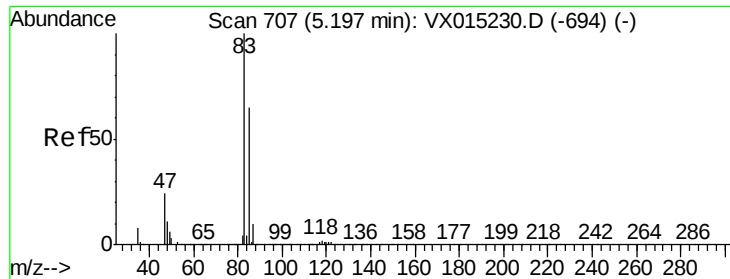
43 20.1 15.9 23.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 4.932 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

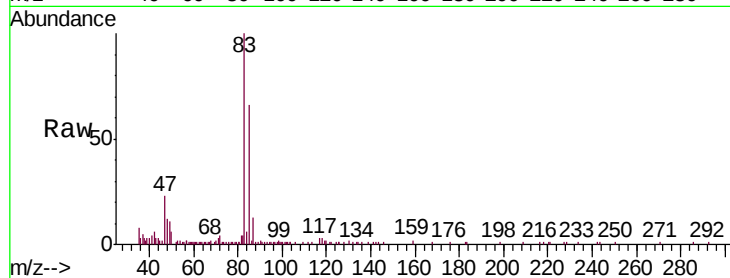
LOQ-WATER-02-QT1-2020

Tgt Ion: 83 Resp: 24142

Ion Ratio Lower Upper

83 100

85 66.3 51.4 77.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.20

8000

6000

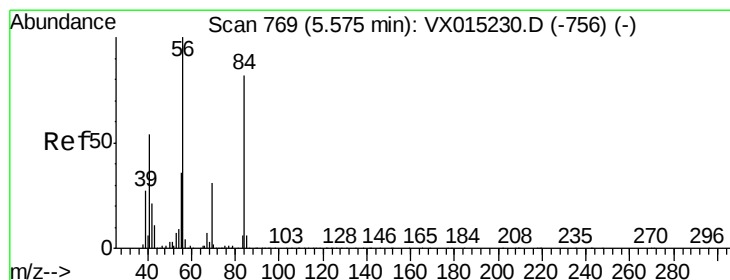
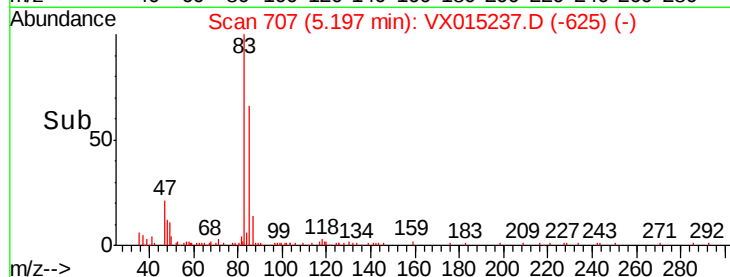
4000

2000

0

5.10 5.15 5.20 5.25 5.30

Time-->



#26

Cyclohexane

Concen: 4.654 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

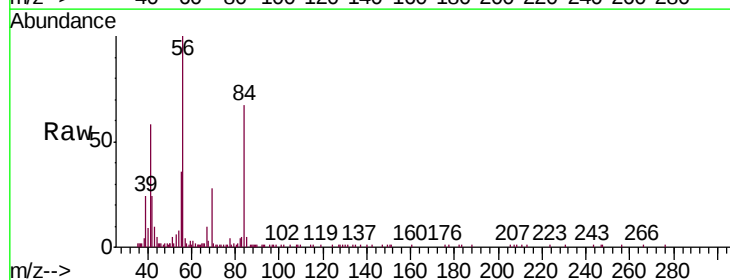
Tgt Ion: 56 Resp: 22259

Ion Ratio Lower Upper

56 100

89 0.5 0.1 0.1#

84 86.5 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

10000

8000

6000

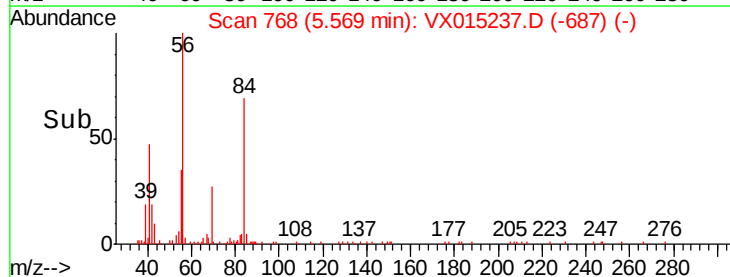
4000

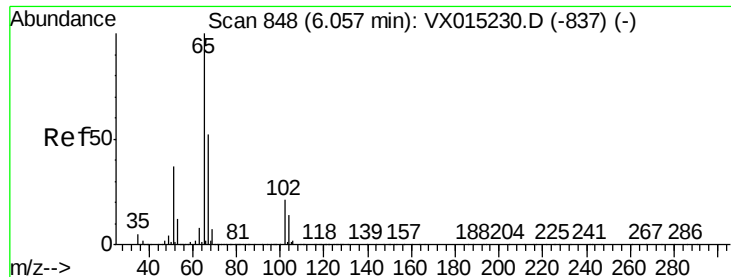
2000

0

5.50 5.57 5.60

Time-->





#27

1,2-Dichloroethane-d4

Concen: 29.865 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

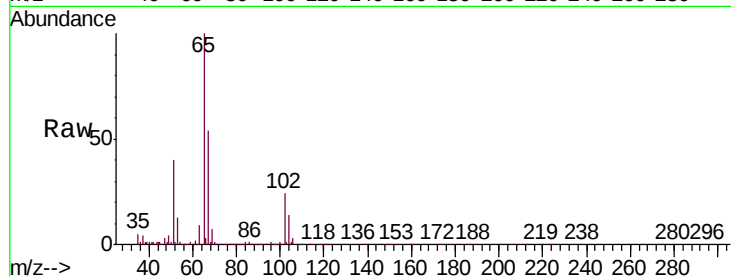
LOQ-WATER-02-QT1-2020

Tgt Ion: 65 Resp: 91165

Ion Ratio Lower Upper

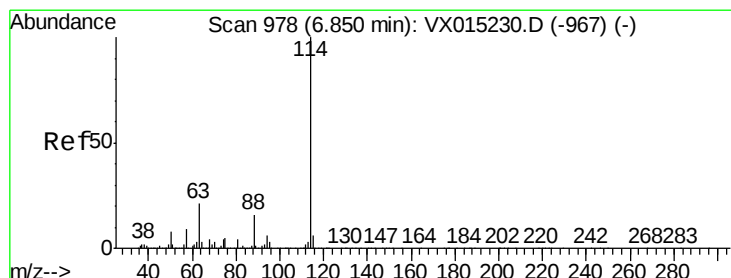
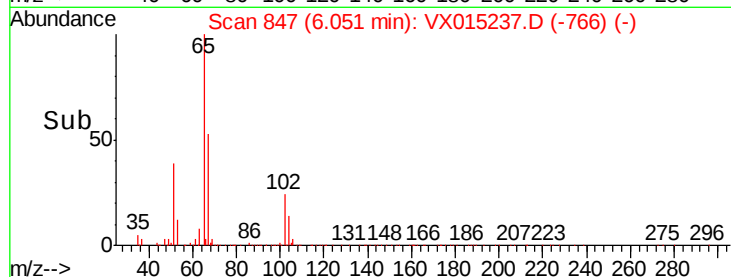
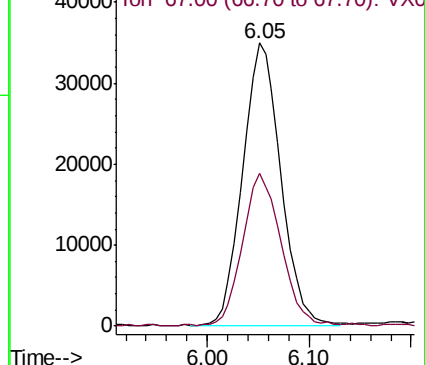
65 100

67 53.9 43.5 65.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

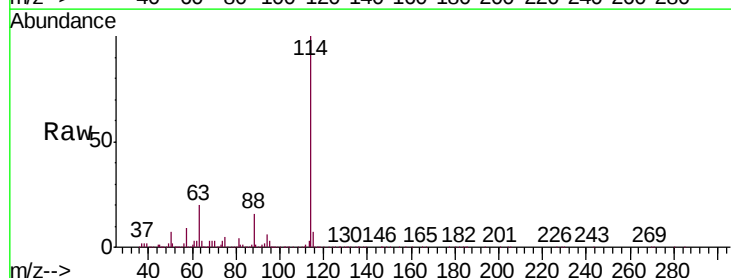
Tgt Ion: 114 Resp: 244127

Ion Ratio Lower Upper

114 100

63 20.2 16.6 24.8

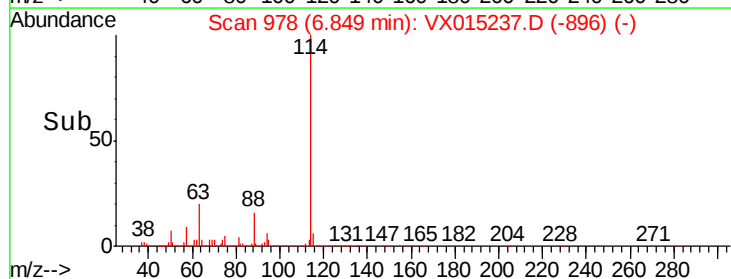
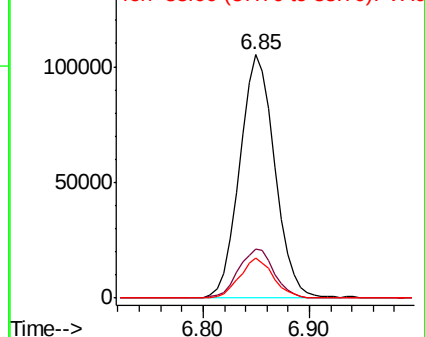
88 15.9 12.6 19.0

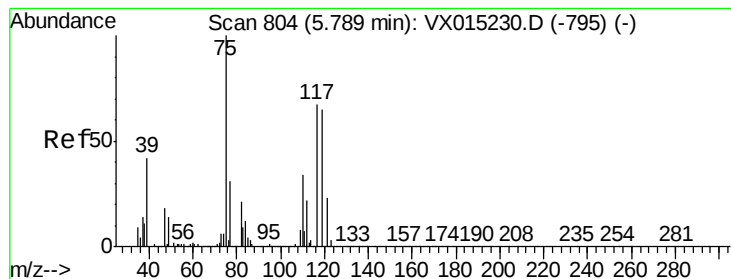


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 4.902 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

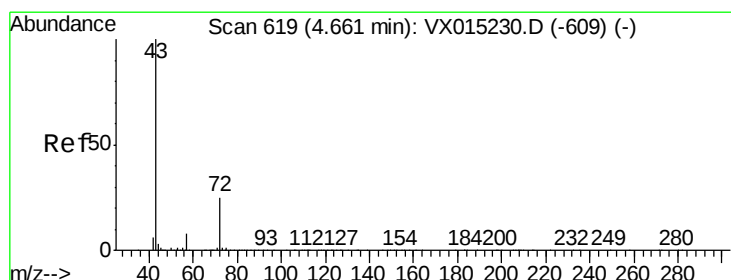
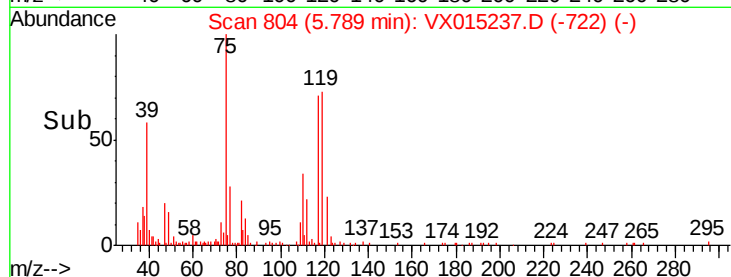
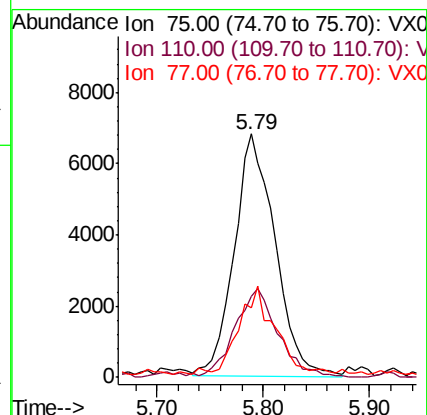
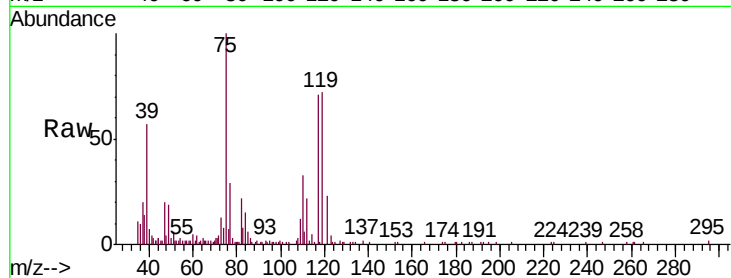
Tgt Ion: 75 Resp: 18363

Ion Ratio Lower Upper

75 100

110 35.6 0.0 73.6

77 32.1 0.0 63.4



#30

2-Butanone

Concen: 25.926 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

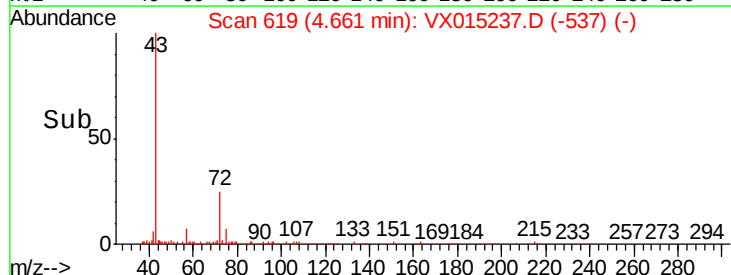
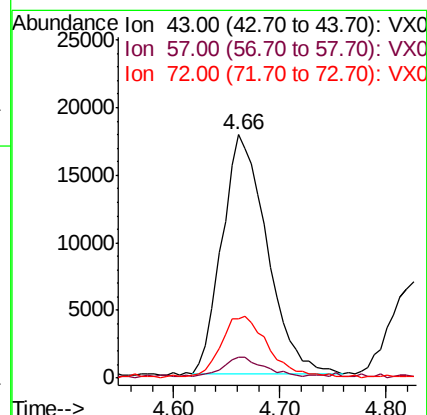
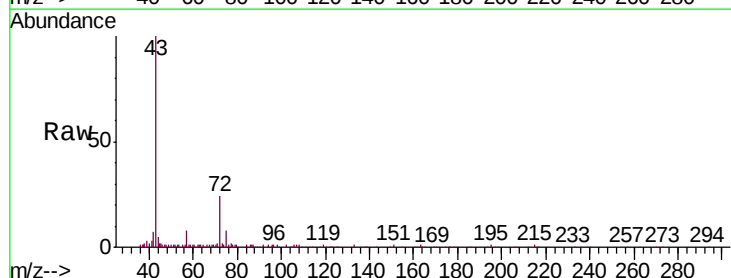
Tgt Ion: 43 Resp: 52012

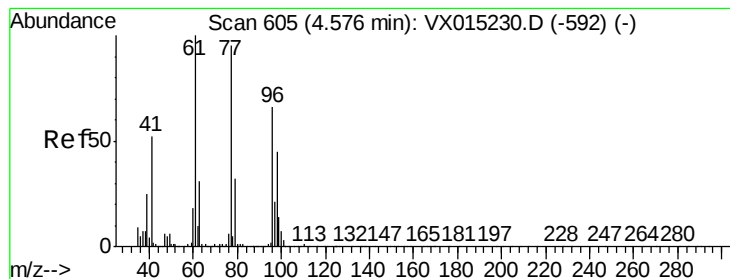
Ion Ratio Lower Upper

43 100

57 7.8 6.4 9.6

72 25.7 19.9 29.9





#31

2,2-Dichloropropane

Concen: 5.191 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

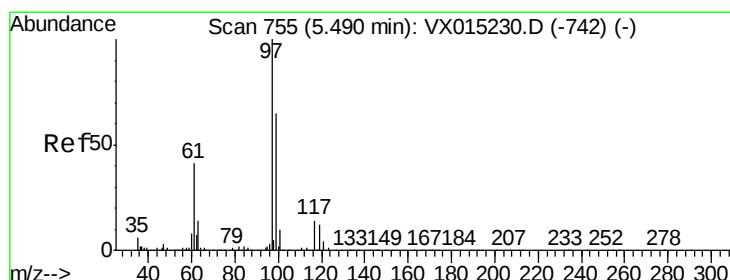
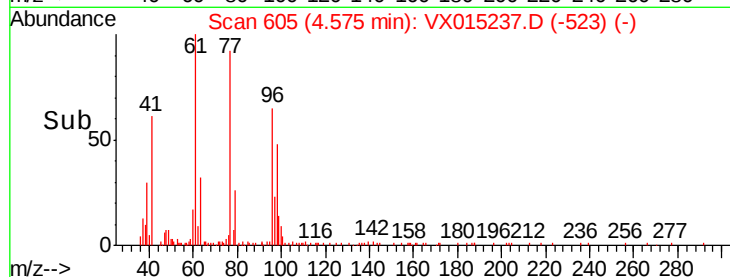
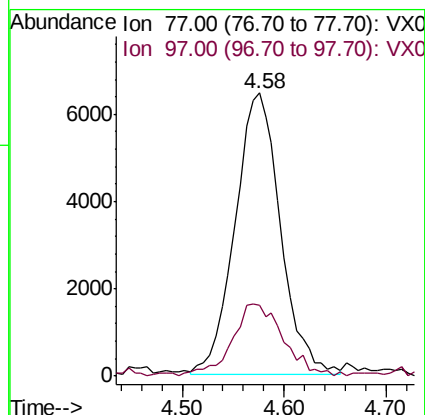
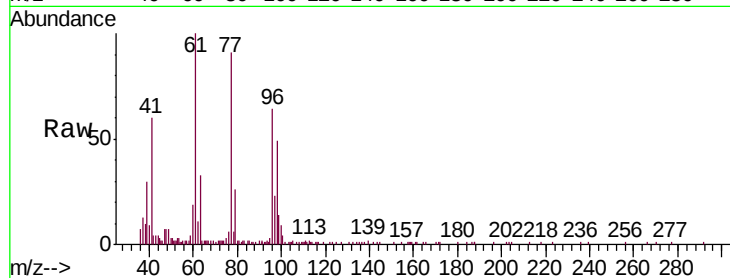
LOQ-WATER-02-QT1-2020

Tgt Ion: 77 Resp: 19978

Ion Ratio Lower Upper

77 100

97 28.0 19.8 29.6



#32

1,1,1-Trichloroethane

Concen: 4.935 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

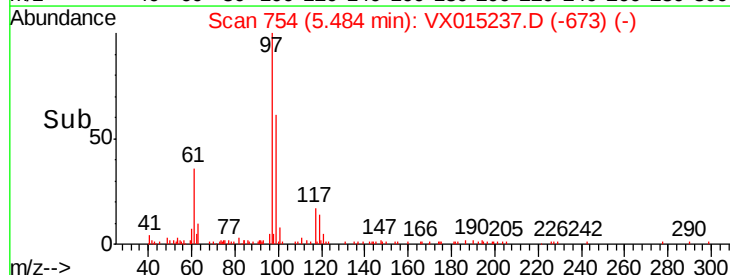
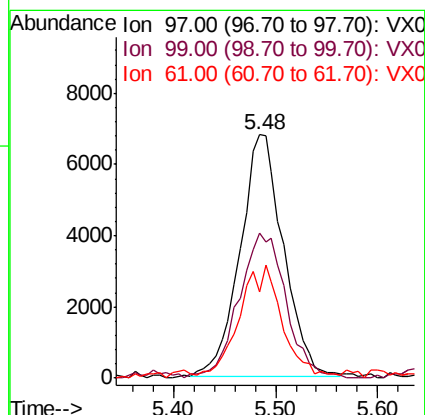
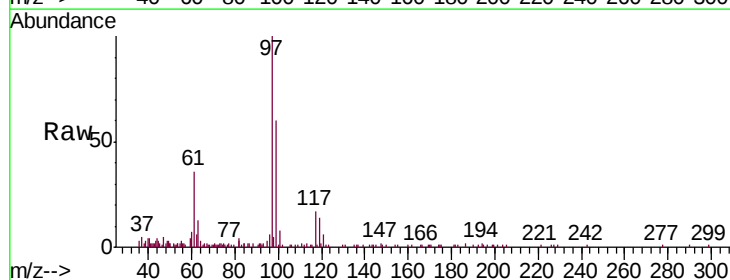
Tgt Ion: 97 Resp: 20120

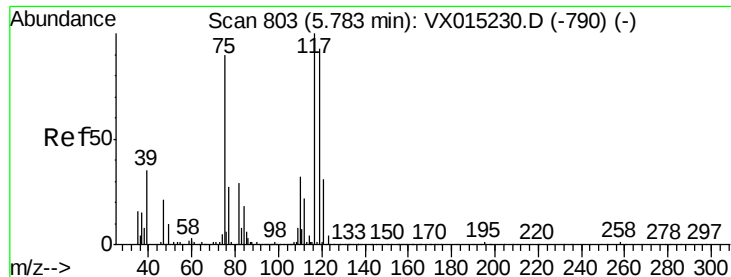
Ion Ratio Lower Upper

97 100

99 64.8 52.0 78.0

61 22.4 35.0 52.6#

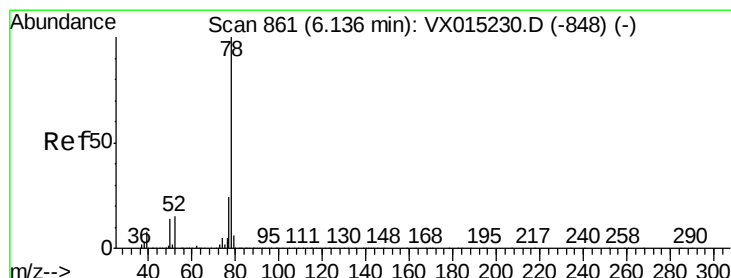
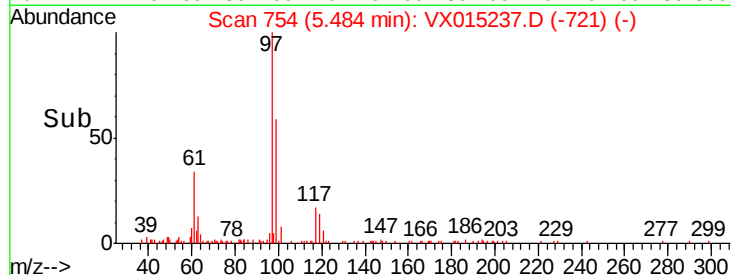
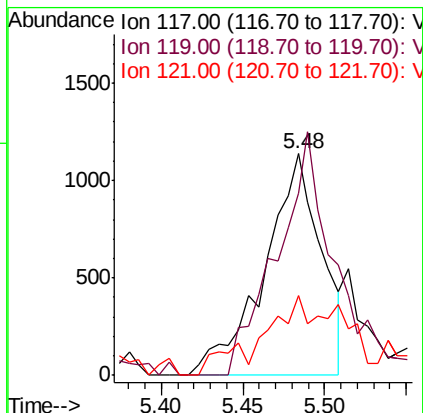
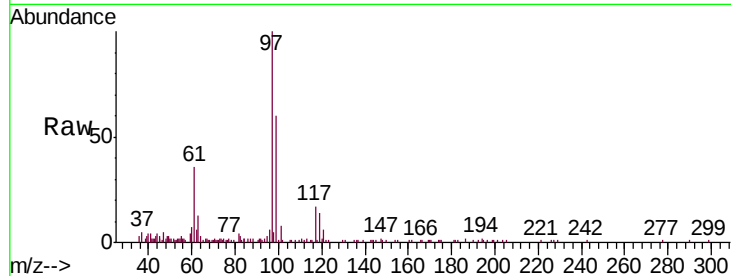




#33
Carbon Tetrachloride
Concen: 0.792 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.30 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

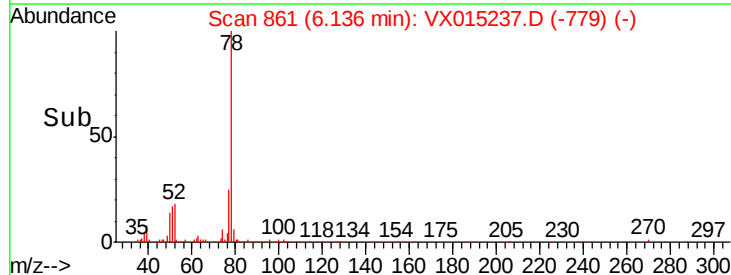
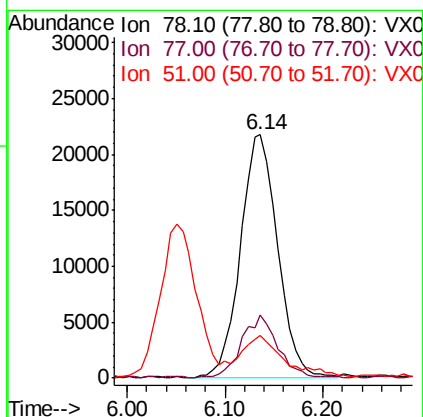
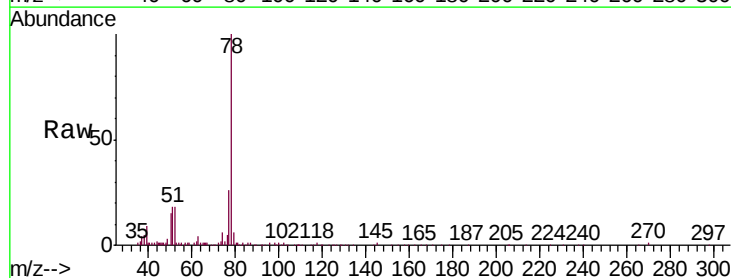
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

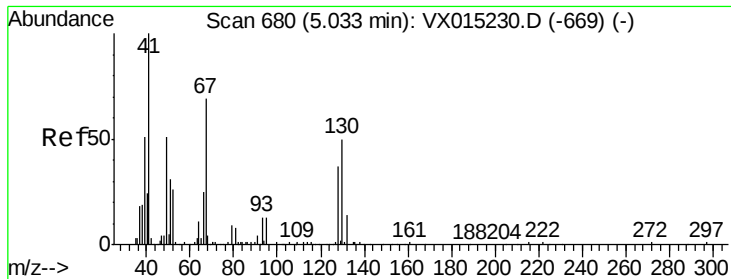
Tgt Ion:117 Resp: 2762
Ion Ratio Lower Upper
117 100
119 82.0 74.2 111.4
121 35.9 24.3 36.5



#34
Benzene
Concen: 5.042 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

Tgt Ion: 78 Resp: 57231
Ion Ratio Lower Upper
78 100
77 25.8 19.1 28.7
51 16.5 13.4 20.2

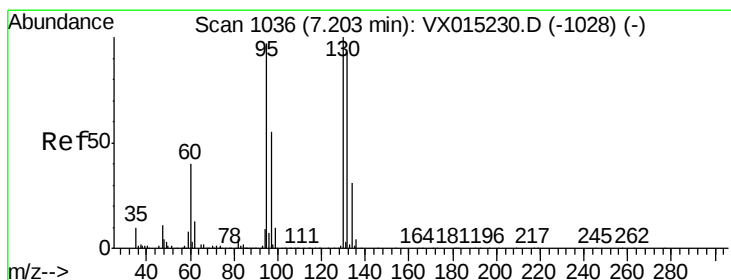
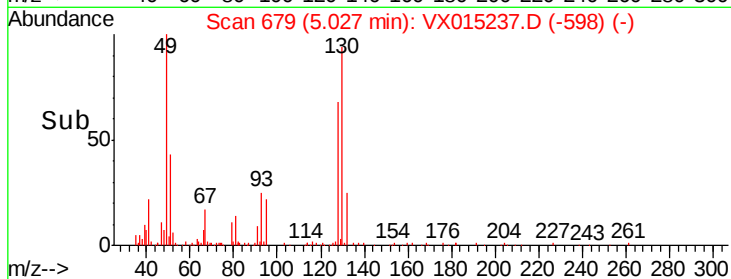
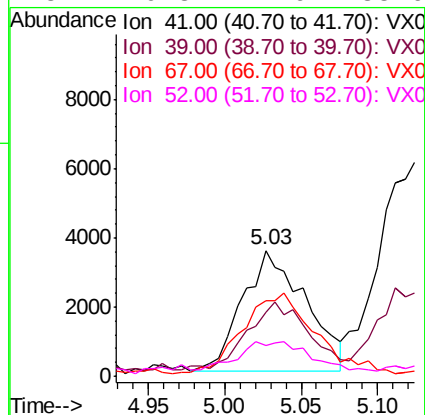
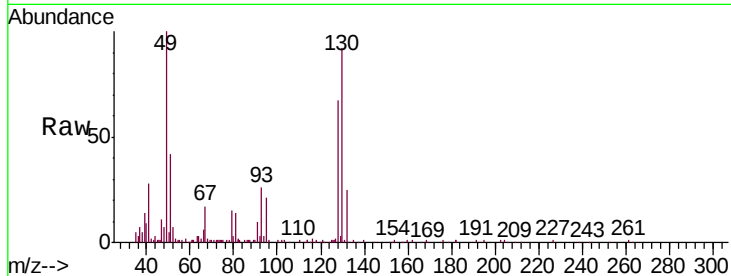




#35
Methacrylonitrile
Concen: 4.584 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

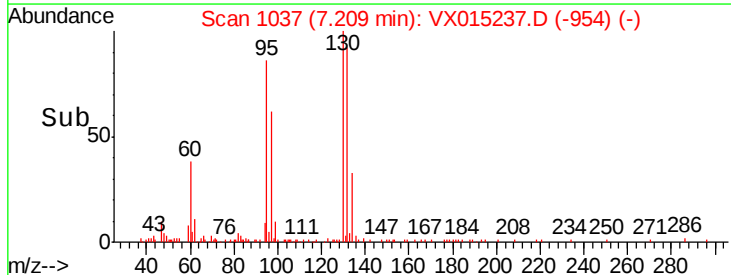
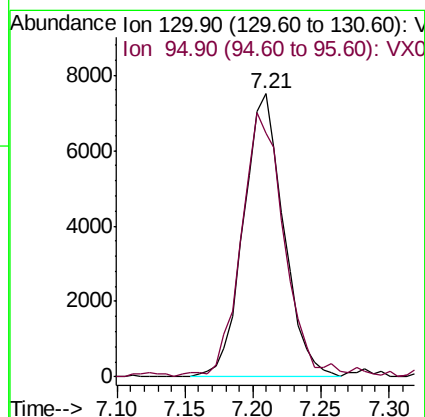
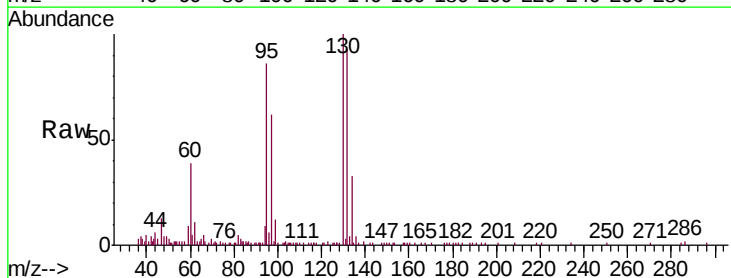
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

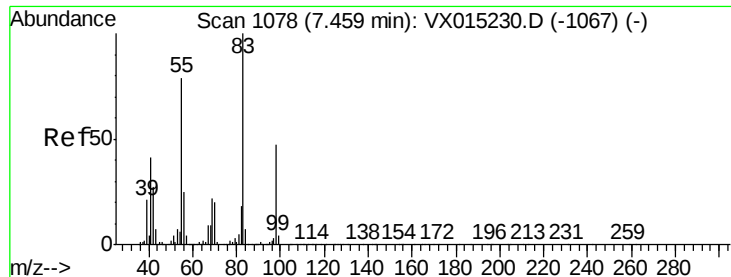
Tgt Ion:	41	Resp:	9943
Ion	Ratio	Lower	Upper
41	100		
39	44.6	25.7	77.1
67	59.7	34.3	102.8
52	20.3	12.9	38.6



#37
Trichloroethene
Concen: 4.938 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

Tgt Ion:	130	Resp:	15503
Ion	Ratio	Lower	Upper
130	100		
95	84.3	77.4	116.0

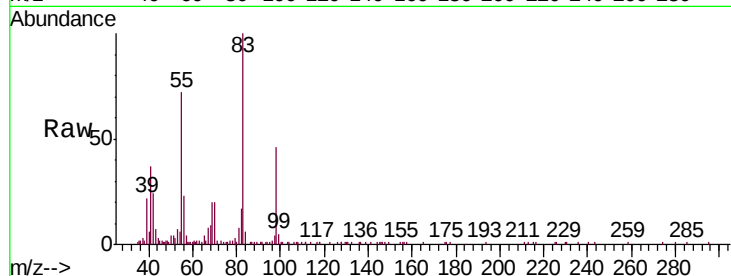




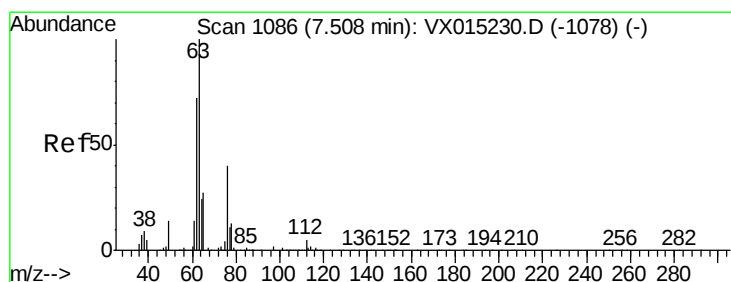
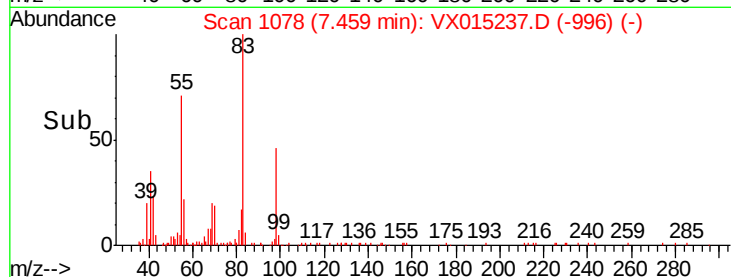
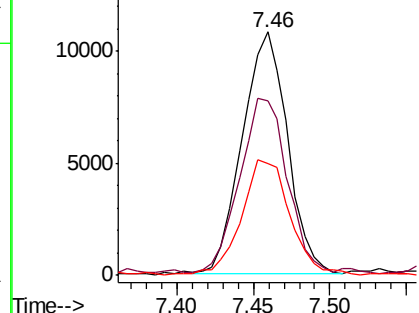
#38
Methylcyclohexane
Concen: 4.825 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

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

Tgt Ion: 83 Resp: 21963
Ion Ratio Lower Upper
83 100
55 78.8 39.1 117.2
98 51.7 24.4 73.2

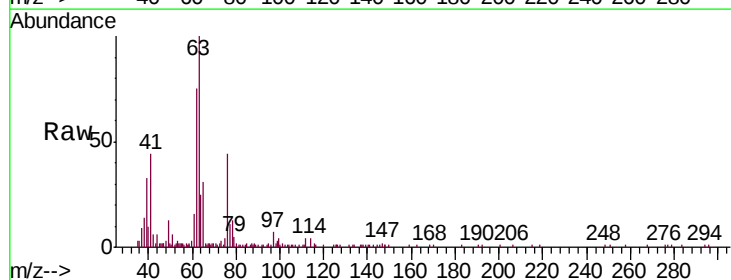


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

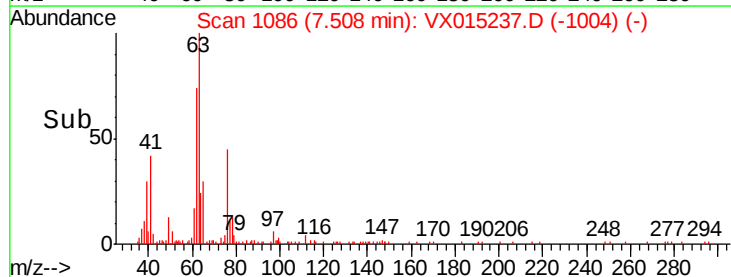
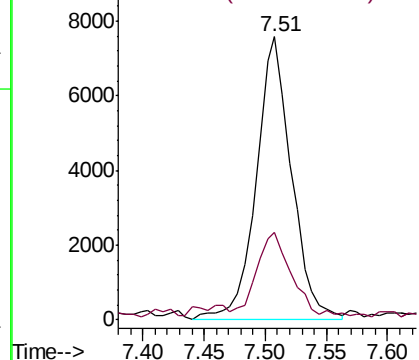


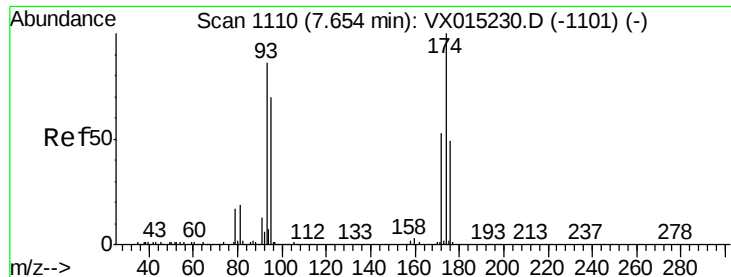
#39
1,2-Dichloropropane
Concen: 5.215 ug/l
RT: 7.51 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

Tgt Ion: 63 Resp: 15293
Ion Ratio Lower Upper
63 100
65 28.6 23.2 34.8



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 65.00 (64.70 to 65.70): VX0





#40

Dibromomethane

Concen: 5.441 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

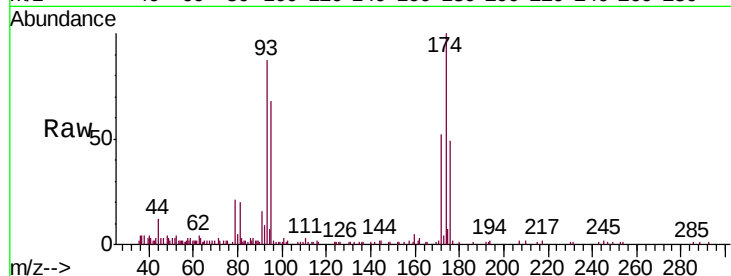
Tgt Ion: 93 Resp: 10141

Ion Ratio Lower Upper

93 100

95 77.7 0.0 162.6

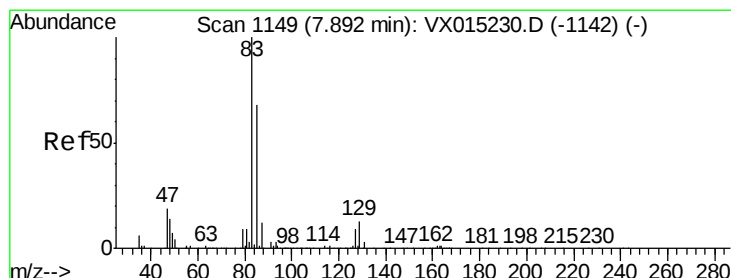
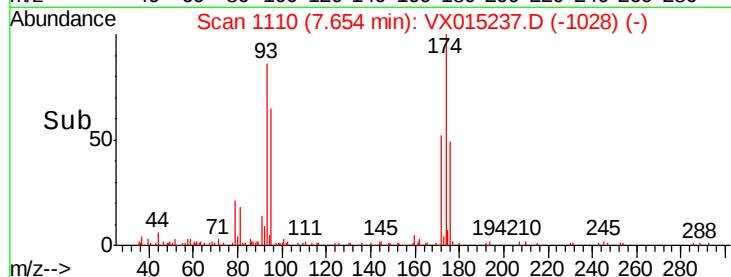
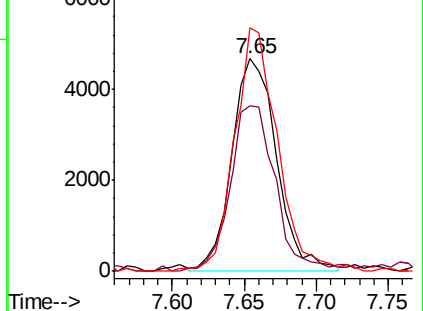
174 108.1 0.0 233.6



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V



#41

Bromodichloromethane

Concen: 4.861 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

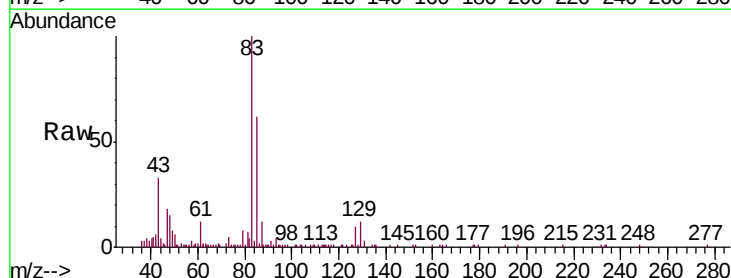
Tgt Ion: 83 Resp: 17921

Ion Ratio Lower Upper

83 100

85 61.2 54.2 81.4

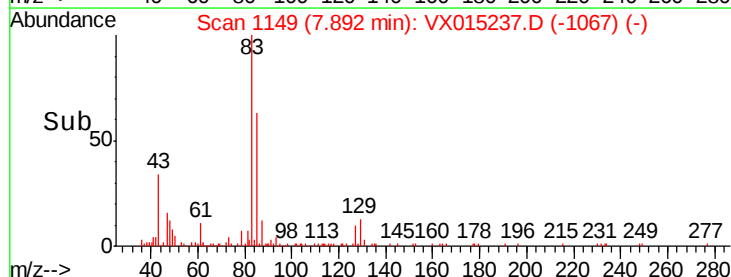
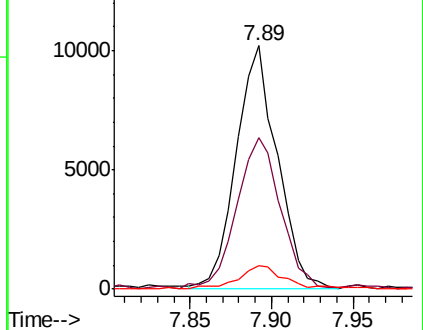
127 9.5 7.1 10.7

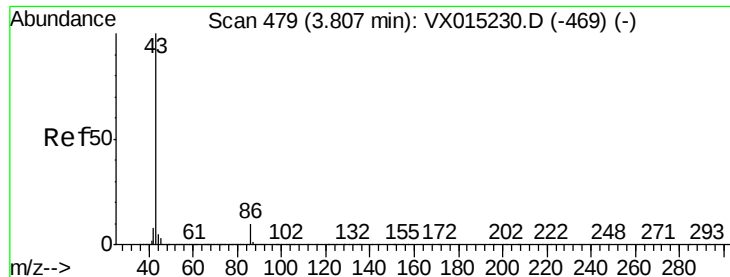


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V





#42

Vinyl Acetate

Concen: 25.568 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

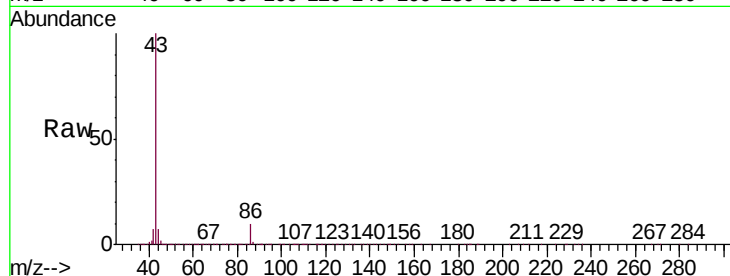
LOQ-WATER-02-QT1-2020

Tgt Ion: 43 Resp: 202280

Ion Ratio Lower Upper

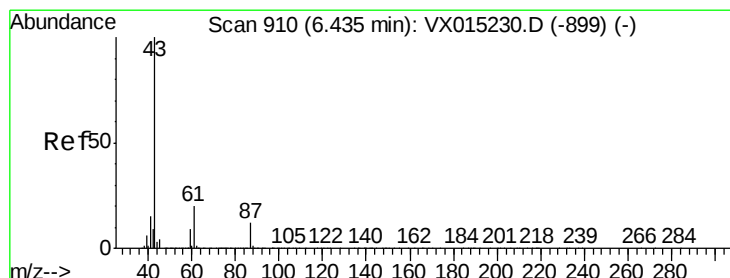
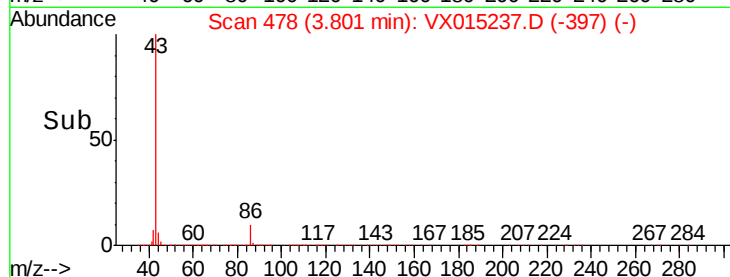
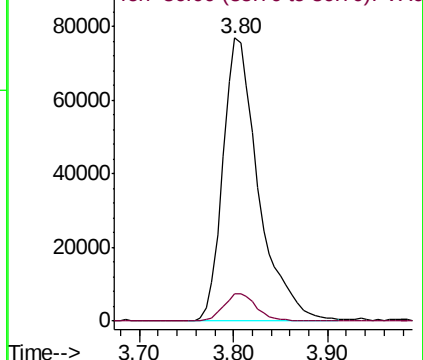
43 100

86 8.9 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#44

Isopropyl Acetate

Concen: 4.934 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX015237.D

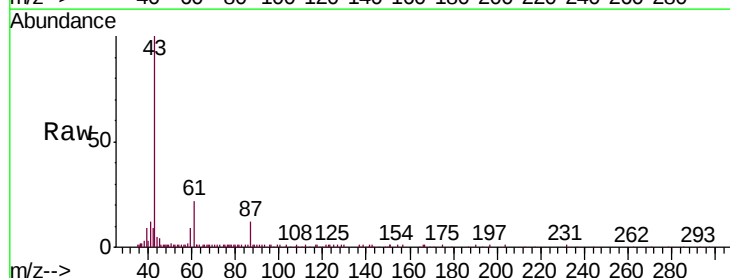
Acq: 12 Mar 2020 16:29

Tgt Ion: 43 Resp: 31767

Ion Ratio Lower Upper

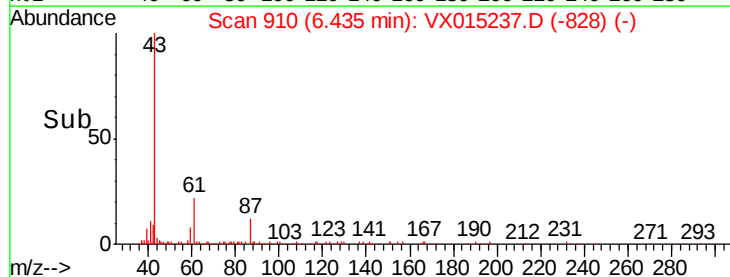
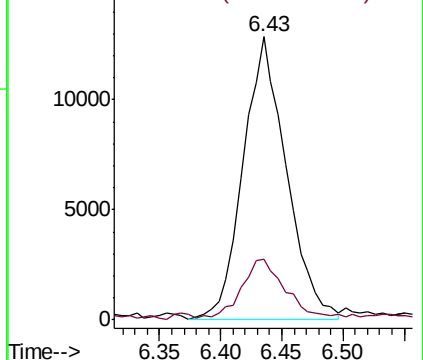
43 100

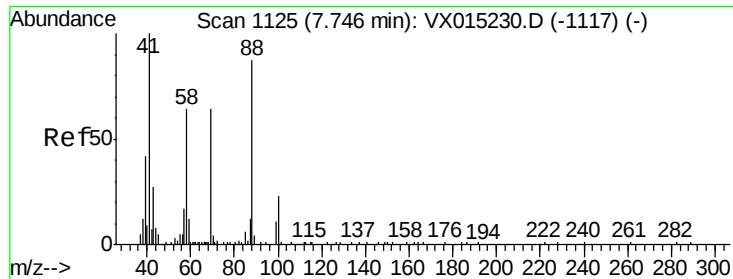
61 20.5 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

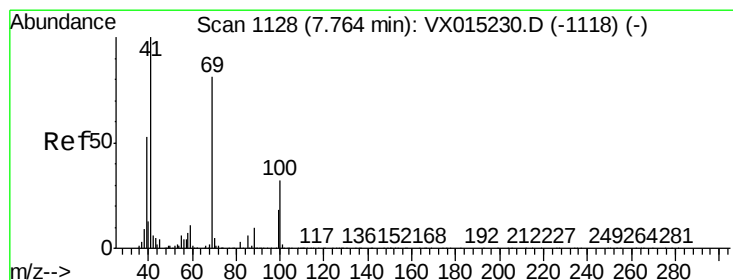
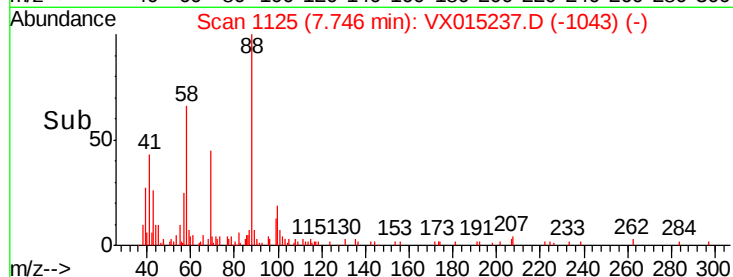
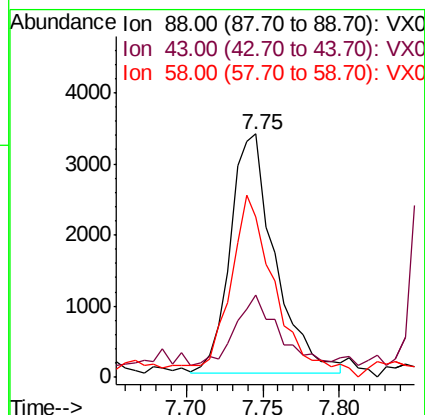
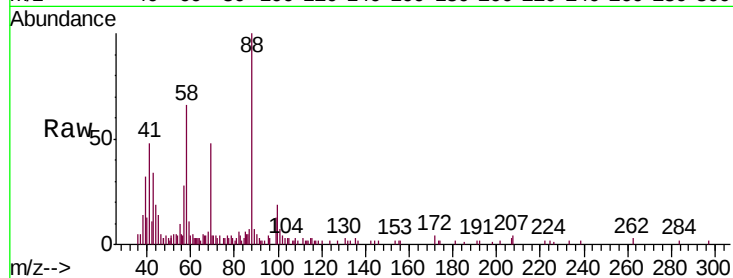




#45
1,4-Dioxane
Concen: 108.089 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

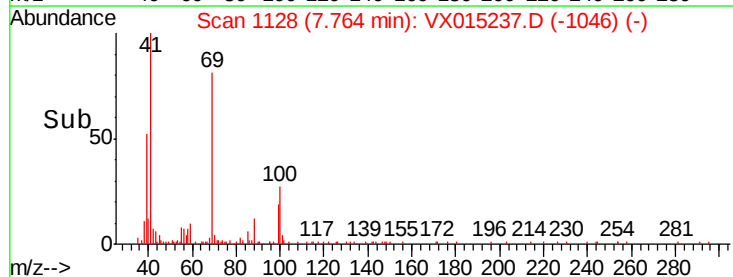
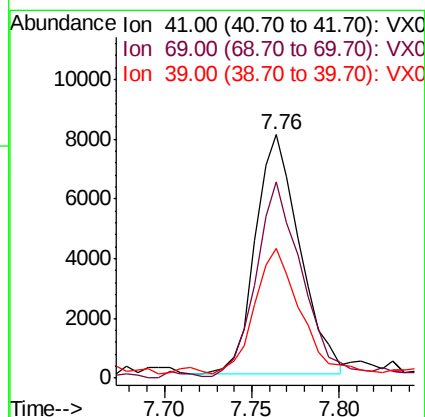
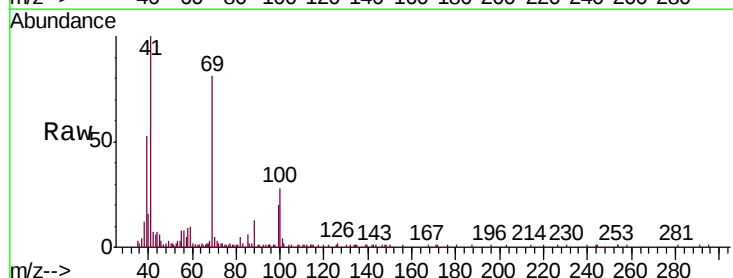
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

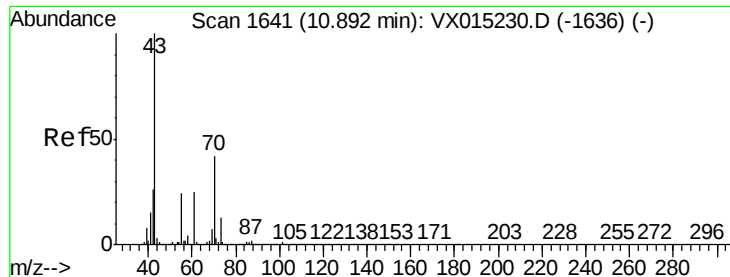
Tgt Ion: 88 Resp: 6835
Ion Ratio Lower Upper
88 100
43 32.8 26.4 39.6
58 72.6 57.3 85.9



#46
Methyl methacrylate
Concen: 4.469 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

Tgt Ion: 41 Resp: 14187
Ion Ratio Lower Upper
41 100
69 78.7 40.5 121.4
39 49.5 26.6 79.8





#47

n-amyl Acetate

Concen: 4.158 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

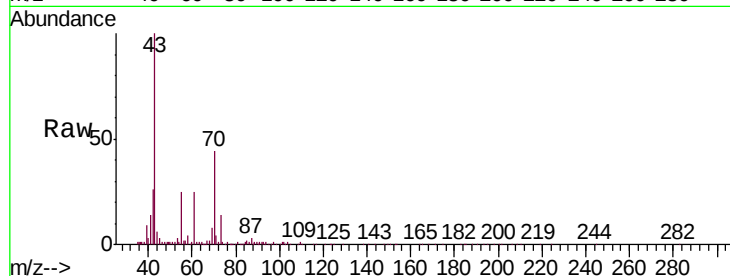
LOQ-WATER-02-QT1-2020

Tgt Ion: 43 Resp: 24020

Ion Ratio Lower Upper

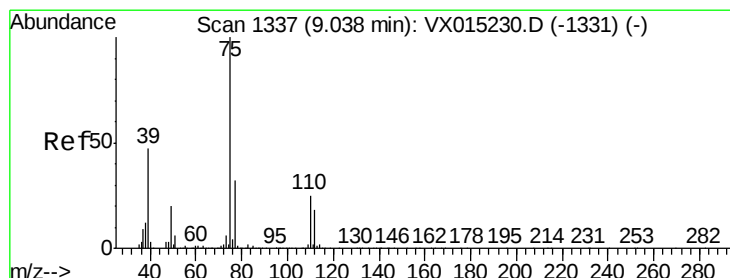
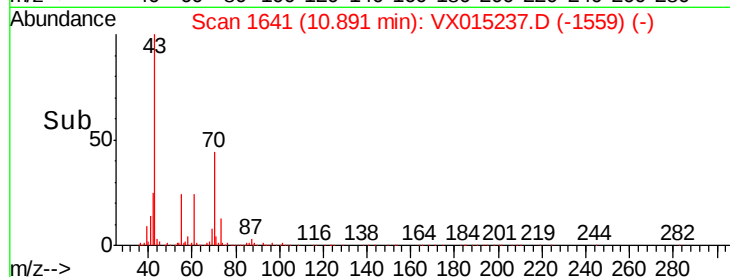
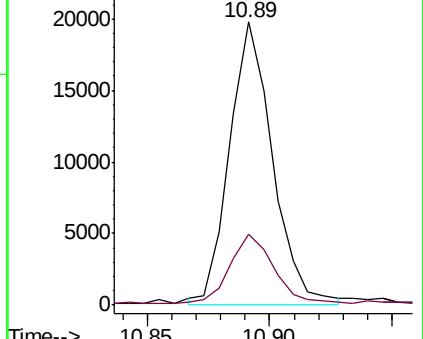
43 100

55 25.1 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 4.819 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX015237.D

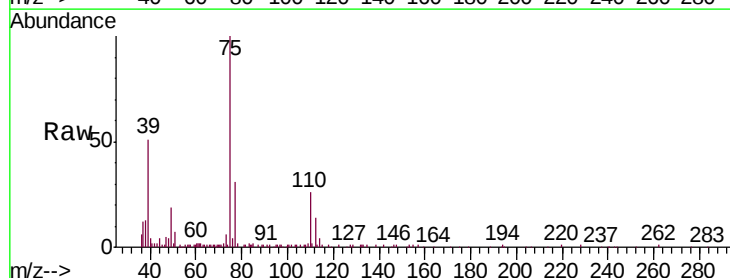
Acq: 12 Mar 2020 16:29

Tgt Ion: 75 Resp: 19315

Ion Ratio Lower Upper

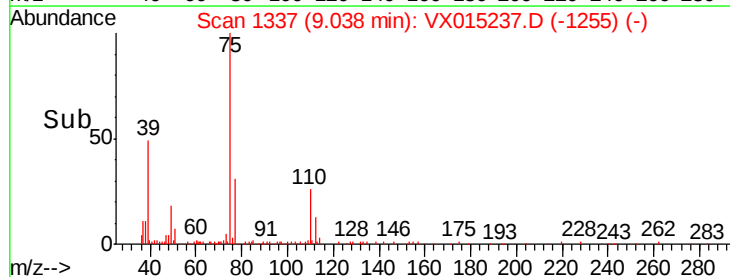
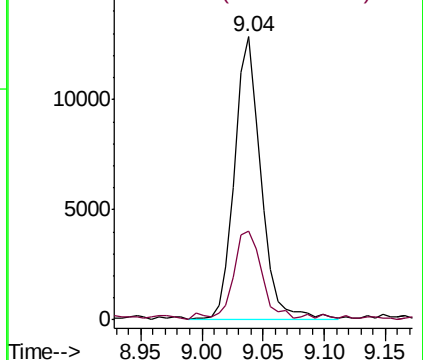
75 100

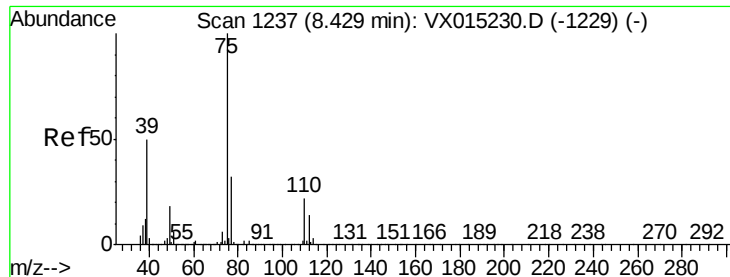
77 31.2 25.1 37.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#49

cis-1,3-Dichloropropene

Concen: 4.580 ug/l

RT: 8.43 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

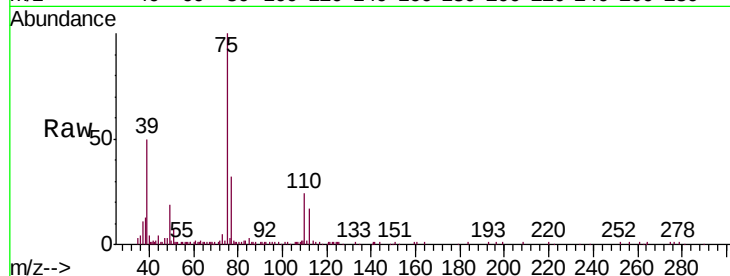
Tgt Ion: 75 Resp: 20848

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

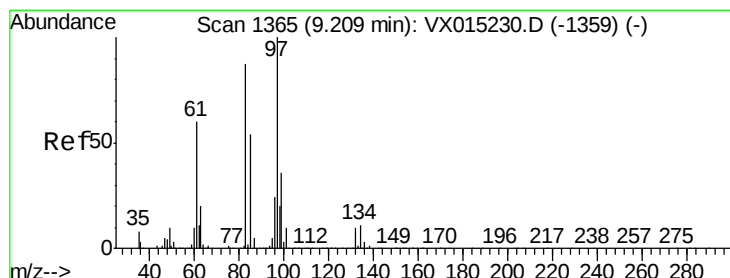
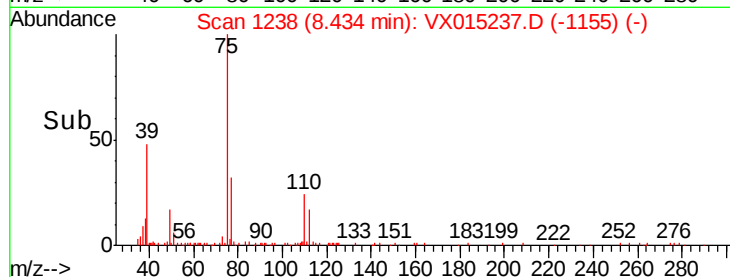
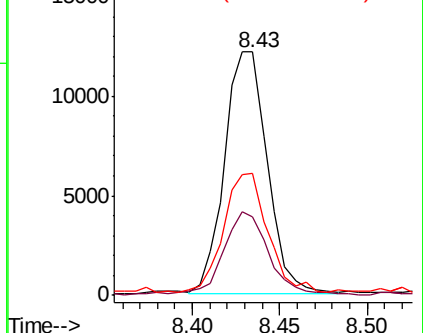
39 48.5 39.8 59.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#50

1,1,2-Trichloroethane

Concen: 4.951 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Tgt Ion: 97 Resp: 13645

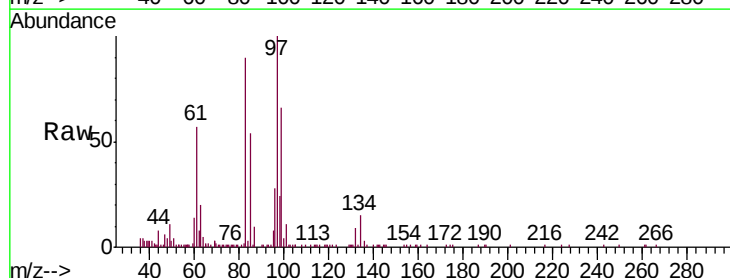
Ion Ratio Lower Upper

97 100

83 89.1 69.7 104.5

85 52.7 45.4 68.0

99 65.0 53.1 79.7

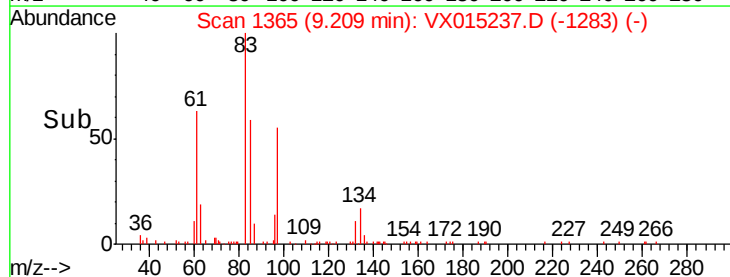
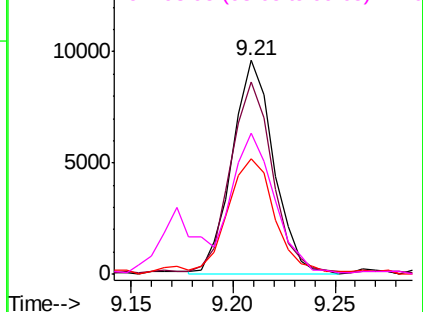


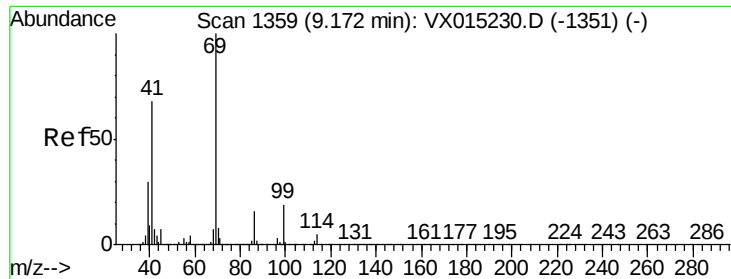
Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0





#51

Ethyl methacrylate

Concen: 4.554 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

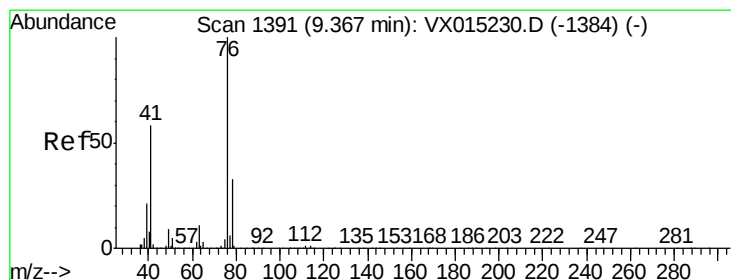
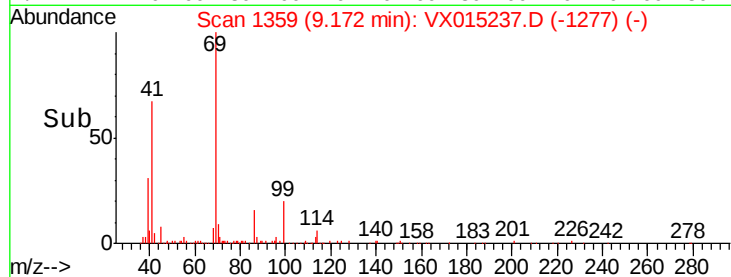
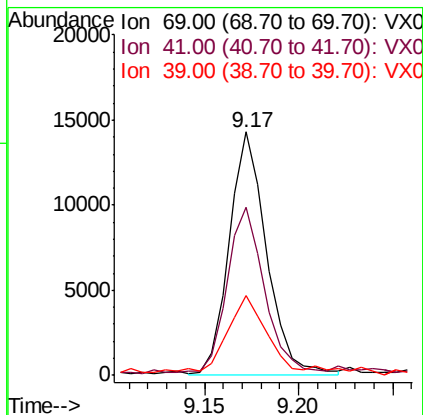
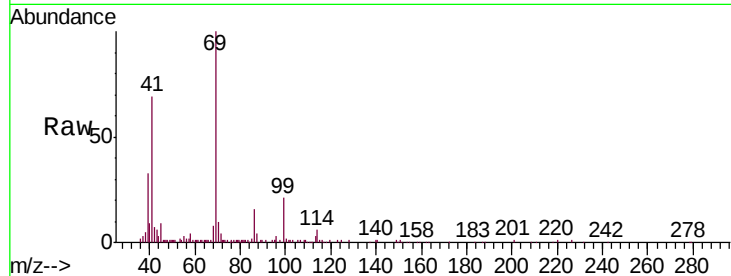
Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

Tgt Ion:	69	Resp:	19585
Ion	Ratio	Lower	Upper
69	100		
41	68.3	33.8	101.3
39	30.2	15.1	45.3



#52

1,3-Dichloropropane

Concen: 5.099 ug/l

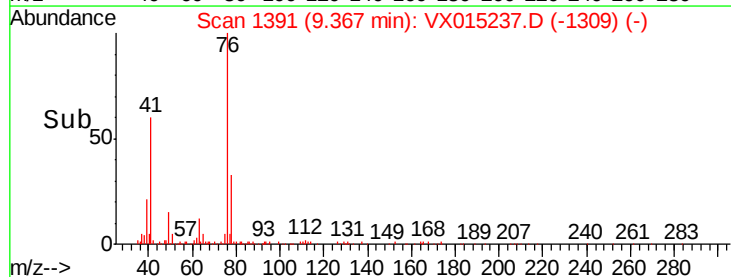
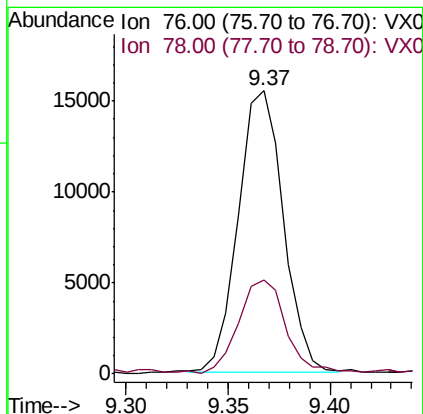
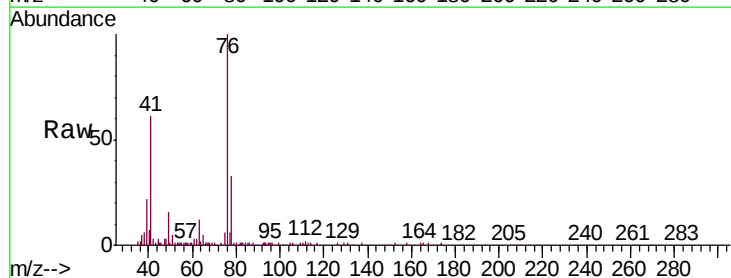
RT: 9.37 min Scan# 1391

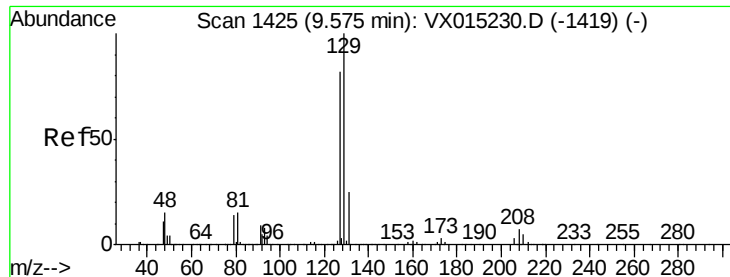
Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Tgt Ion:	76	Resp:	23784
Ion	Ratio	Lower	Upper
76	100		
78	35.3	0.0	65.2





#53

Dibromochloromethane

Concen: 4.616 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

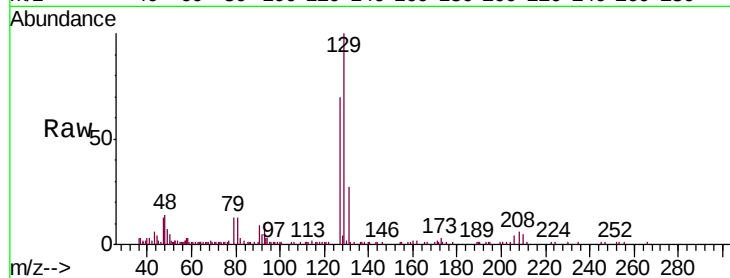
LOQ-WATER-02-QT1-2020

Tgt Ion:129 Resp: 13549

Ion Ratio Lower Upper

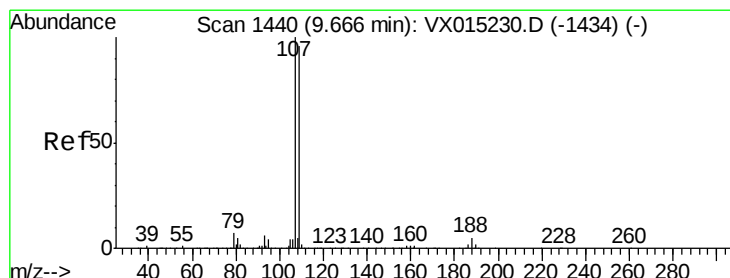
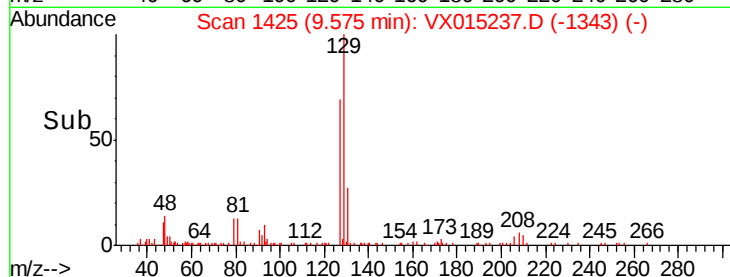
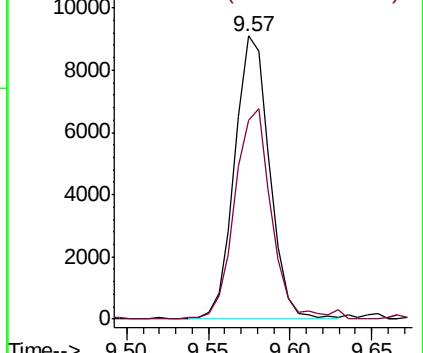
129 100

127 76.1 40.4 121.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 5.118 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015237.D

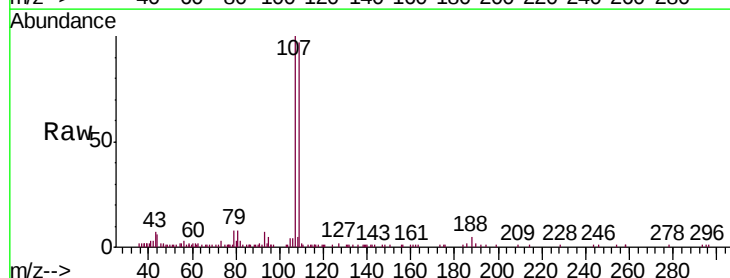
Acq: 12 Mar 2020 16:29

Tgt Ion:107 Resp: 14551

Ion Ratio Lower Upper

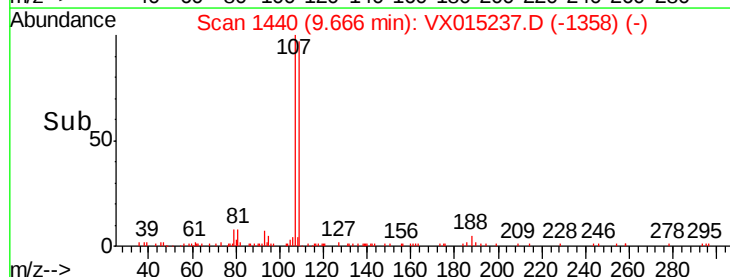
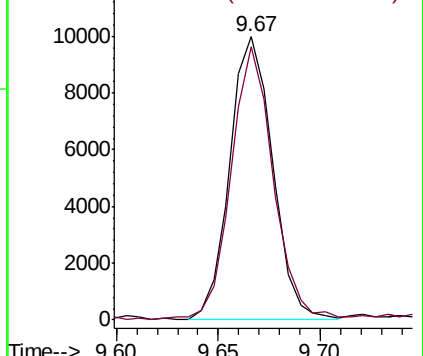
107 100

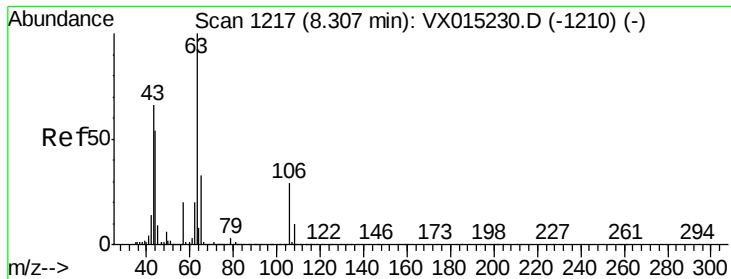
109 95.0 75.0 112.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

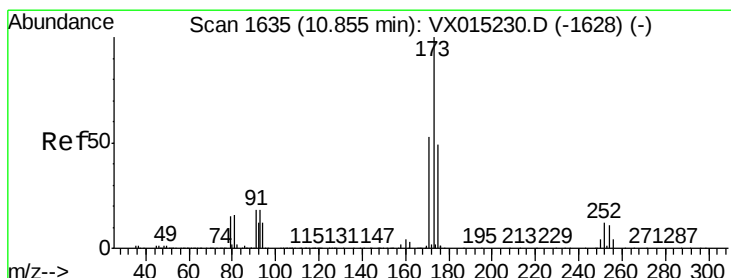
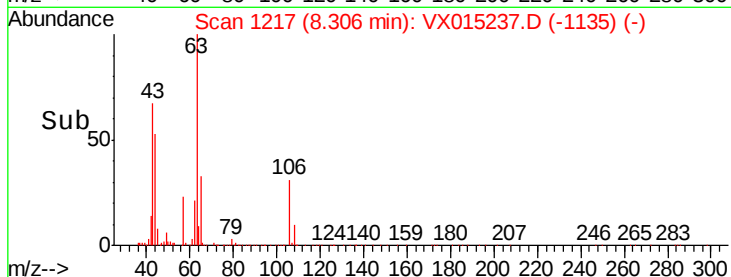
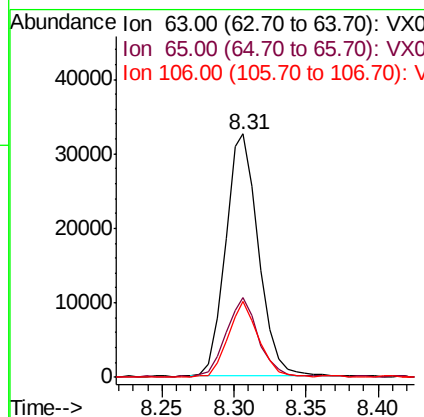
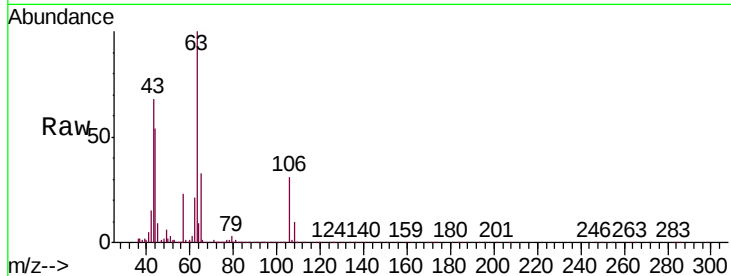




#55
 2-Chloroethyl vinyl ether
 Concen: 24.160 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX015237.D
 Acq: 12 Mar 2020 16:29

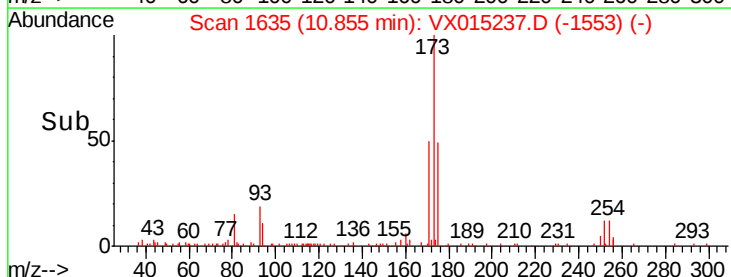
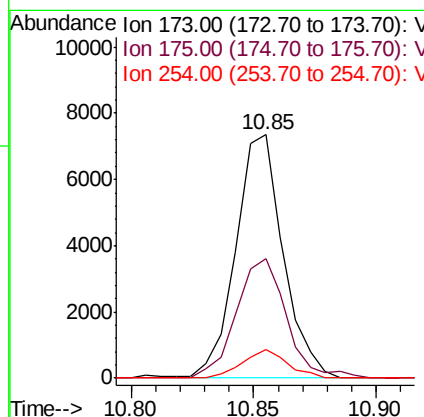
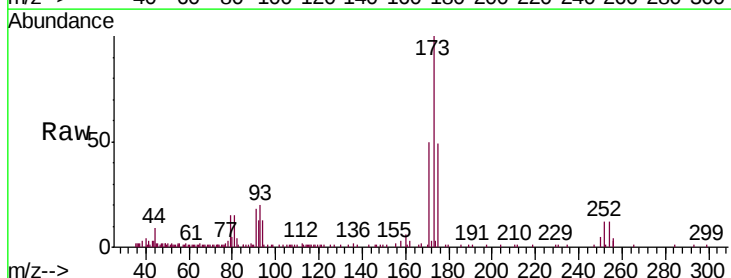
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

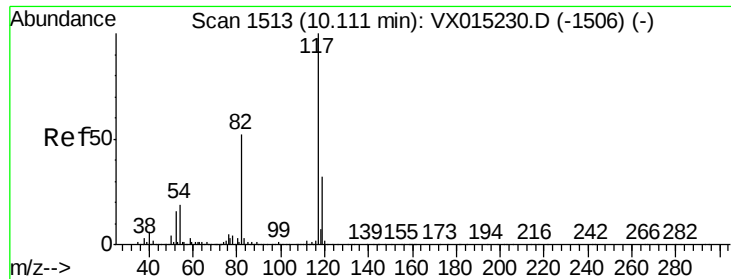
Tgt Ion:	63	Resp:	52035
Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.6	38.4
106	29.3	23.0	34.4



#56
 Bromoform
 Concen: 4.297 ug/l
 RT: 10.85 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VX015237.D
 Acq: 12 Mar 2020 16:29

Tgt Ion:	173	Resp:	9889
Ion	Ratio	Lower	Upper
173	100		
175	50.6	38.9	58.3
254	11.0	9.1	13.7

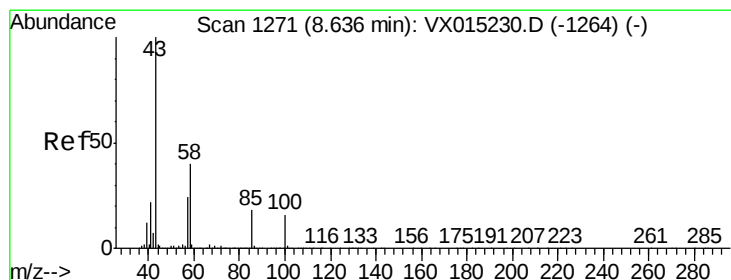
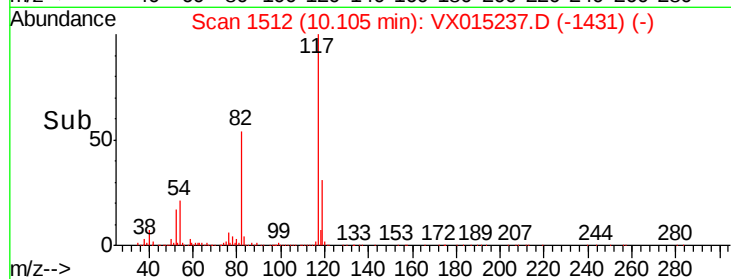
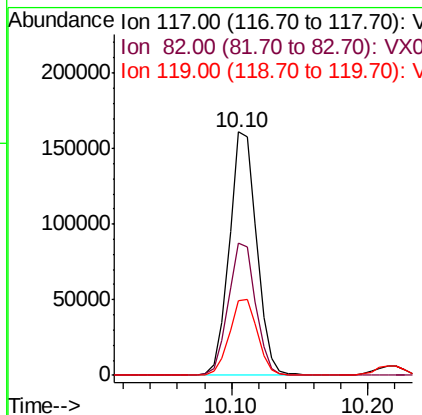
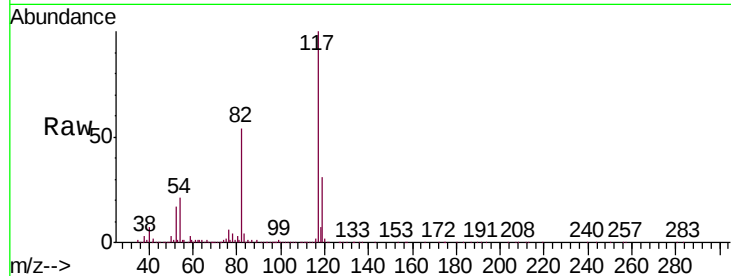




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

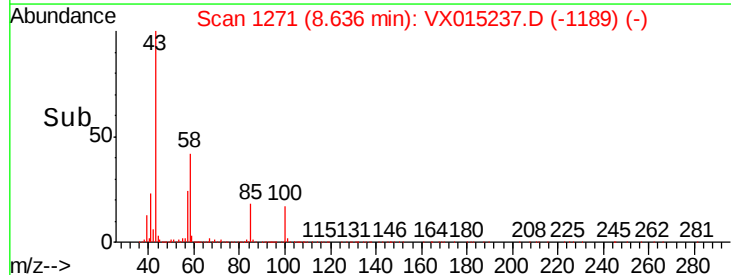
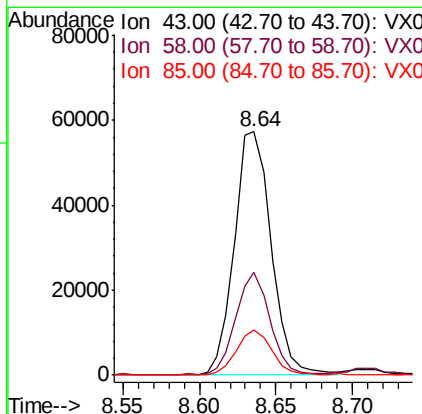
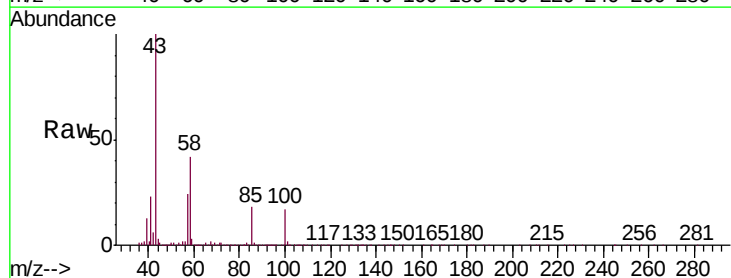
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

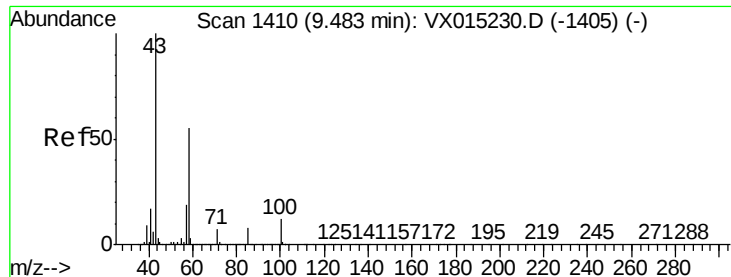
Tgt Ion:117 Resp: 224503
Ion Ratio Lower Upper
117 100
82 54.2 43.2 64.8
119 32.0 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 24.934 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

Tgt Ion: 43 Resp: 95298
Ion Ratio Lower Upper
43 100
58 39.0 31.6 47.4
85 17.2 13.8 20.8

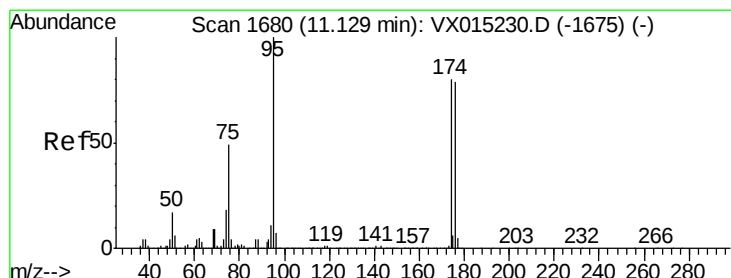
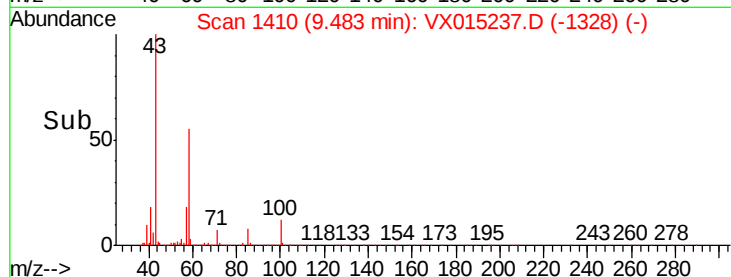
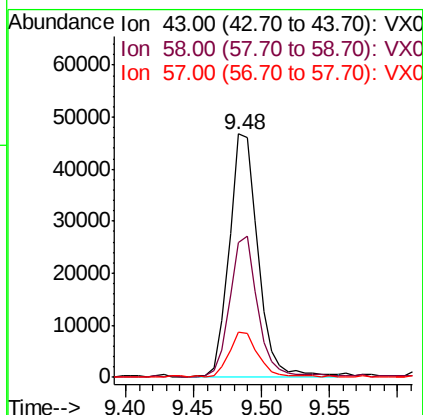
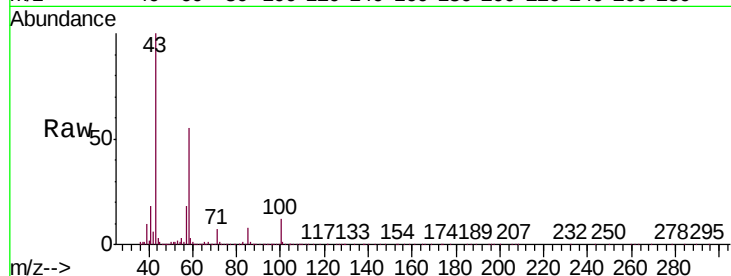




#59
2-Hexanone
Concen: 23.741 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

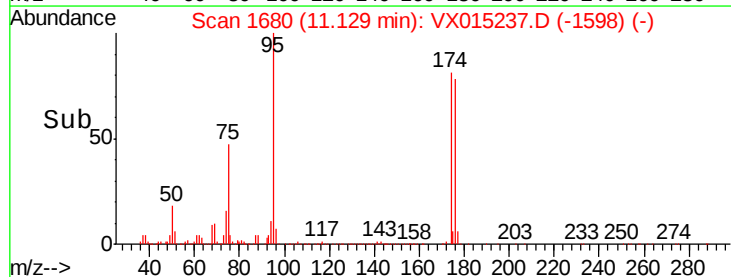
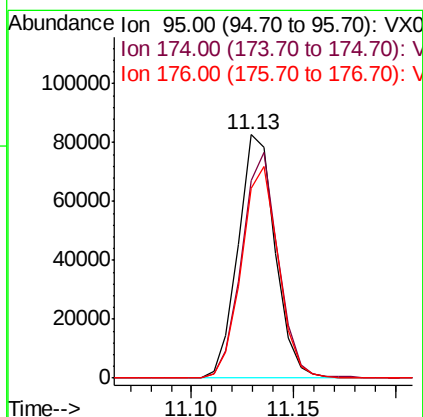
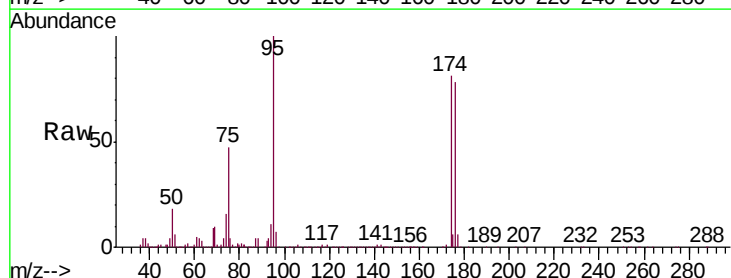
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

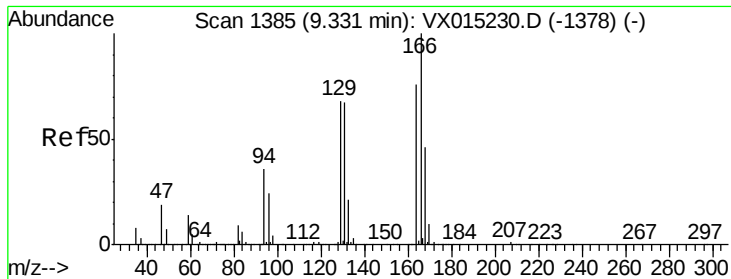
Tgt Ion: 43 Resp: 68582
Ion Ratio Lower Upper
43 100
58 56.5 44.6 66.8
57 18.3 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 28.970 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

Tgt Ion: 95 Resp: 103531
Ion Ratio Lower Upper
95 100
174 91.9 72.0 108.0
176 87.6 70.1 105.1





#61

Tetrachloroethene

Concen: 5.313 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

Tgt Ion:164 Resp: 16605

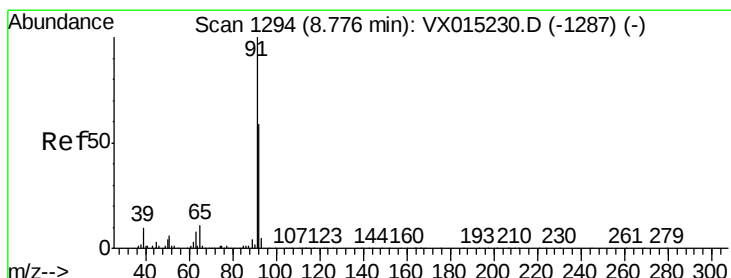
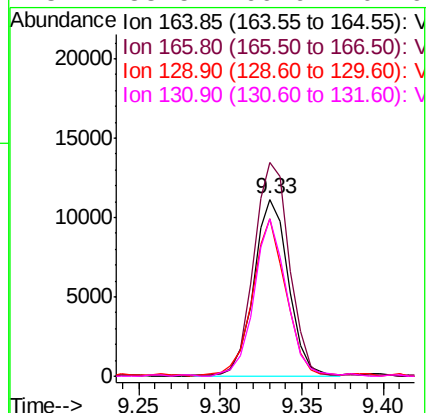
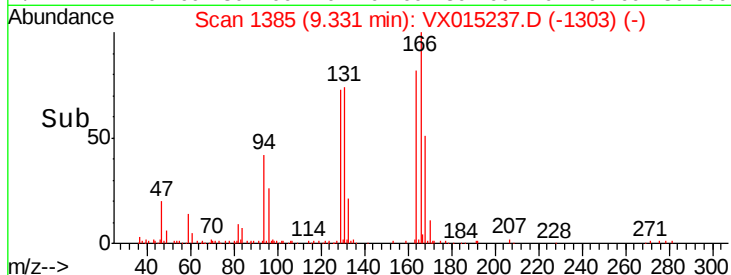
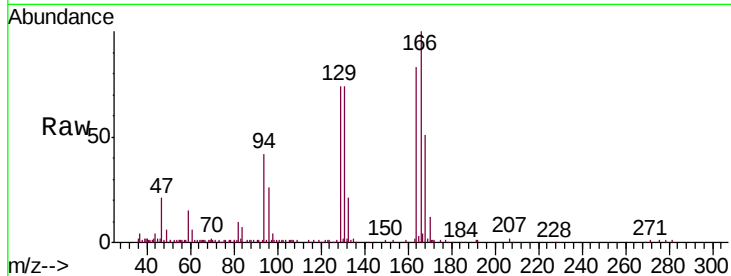
Ion Ratio Lower Upper

164 100

166 119.8 105.1 157.7

129 88.6 71.5 107.3

131 88.5 69.9 104.9



#62

Toluene

Concen: 5.105 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015237.D

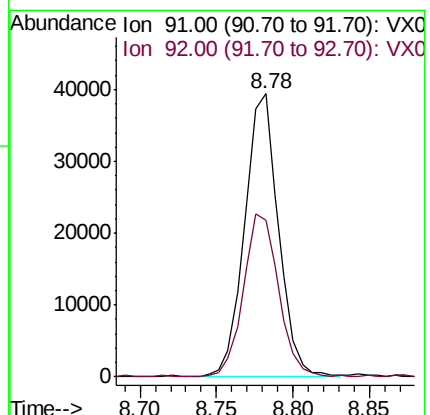
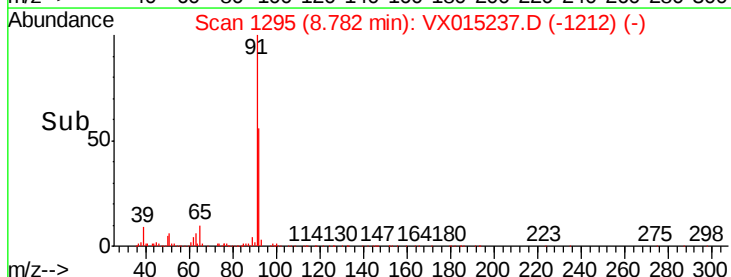
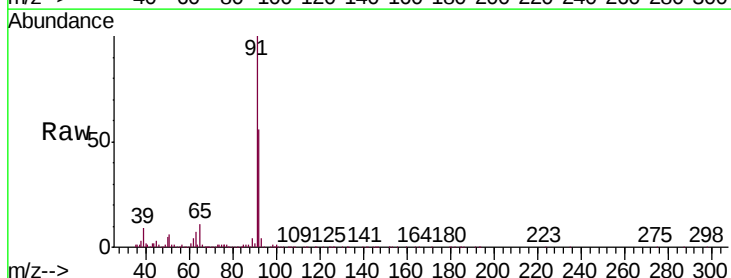
Acq: 12 Mar 2020 16:29

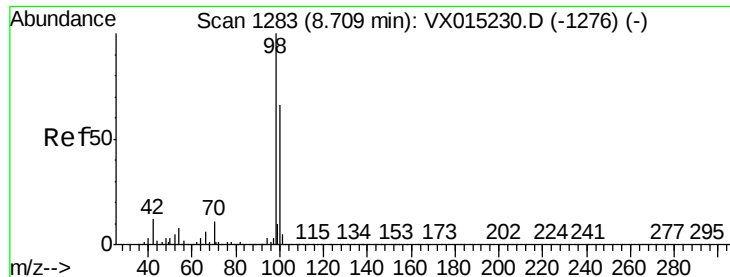
Tgt Ion: 91 Resp: 60649

Ion Ratio Lower Upper

91 100

92 59.6 47.1 70.7





#63

Toluene-d8

Concen: 30.818 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

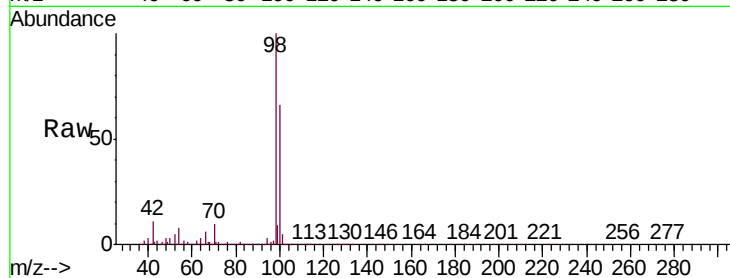
LOQ-WATER-02-QT1-2020

Tgt Ion: 98 Resp: 296358

Ion Ratio Lower Upper

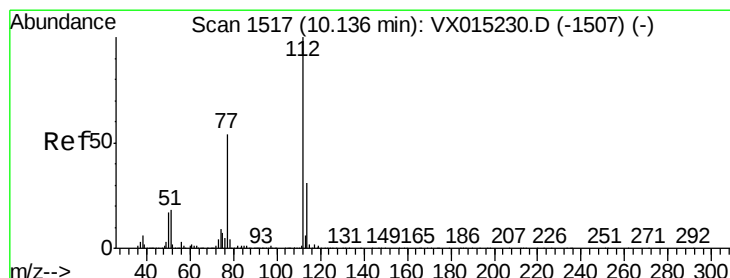
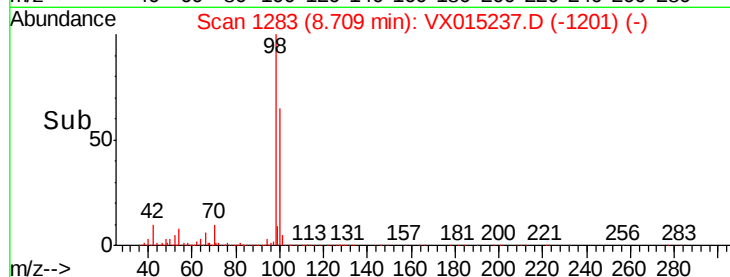
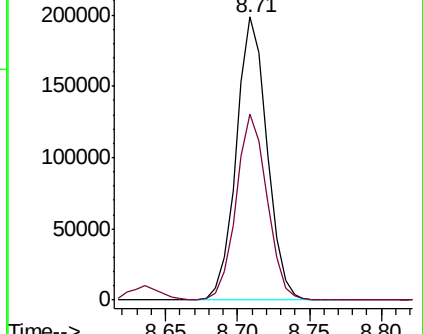
98 100

100 65.4 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V>



#64

Chlorobenzene

Concen: 5.053 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015237.D

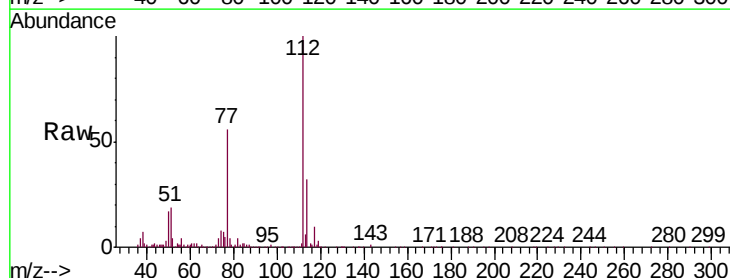
Acq: 12 Mar 2020 16:29

Tgt Ion: 112 Resp: 38360

Ion Ratio Lower Upper

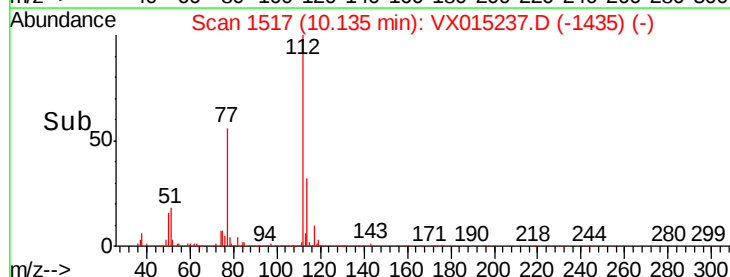
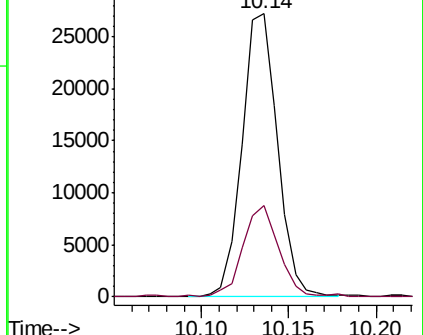
112 100

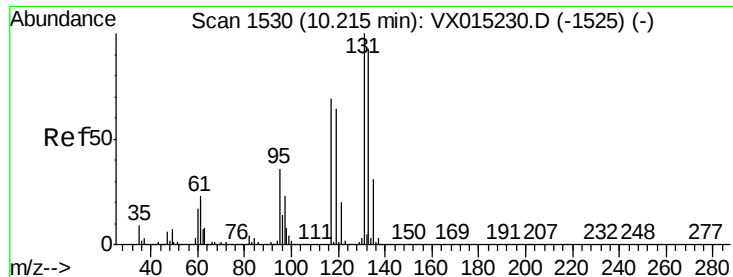
114 31.6 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 4.864 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

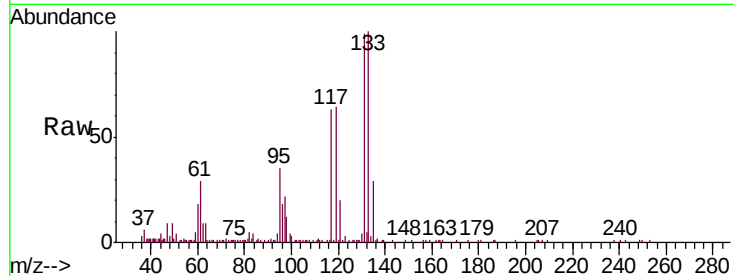
Tgt Ion:131 Resp: 13601

Ion Ratio Lower Upper

131 100

133 99.9 0.0 188.0

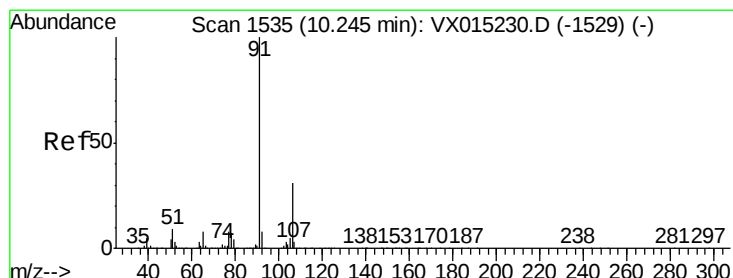
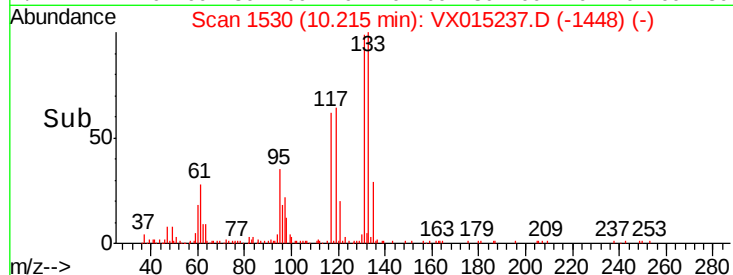
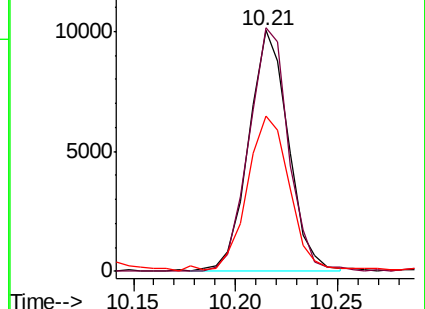
119 68.9 0.0 131.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 4.803 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015237.D

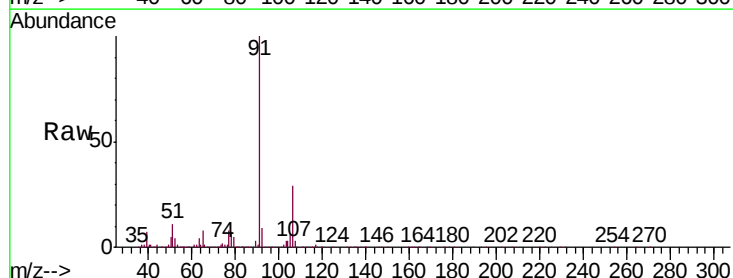
Acq: 12 Mar 2020 16:29

Tgt Ion: 91 Resp: 63565

Ion Ratio Lower Upper

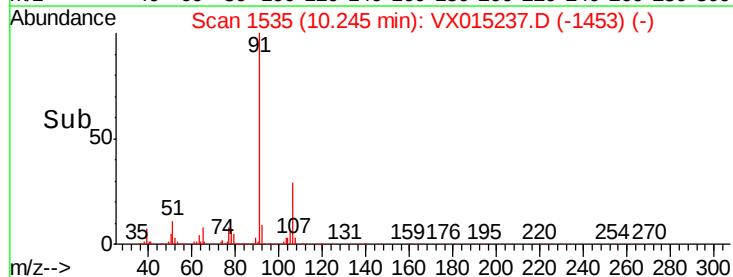
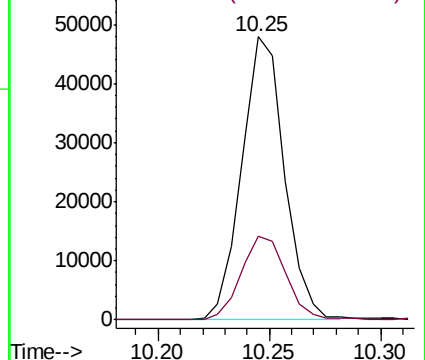
91 100

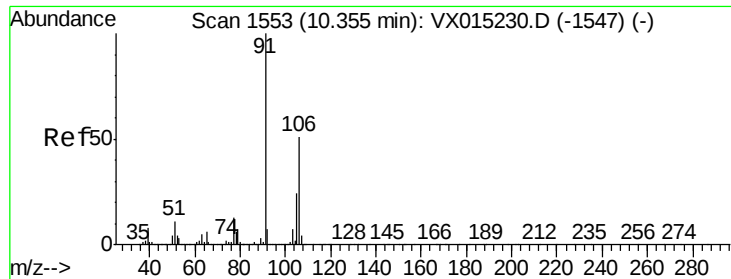
106 29.1 24.9 37.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

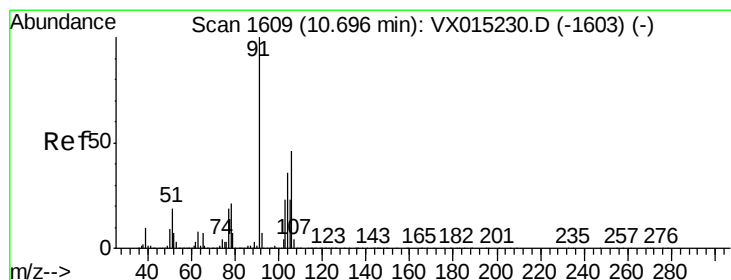
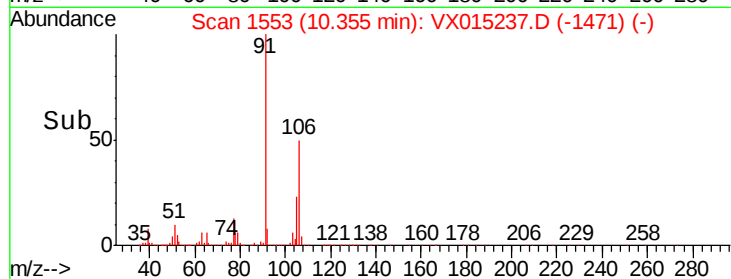
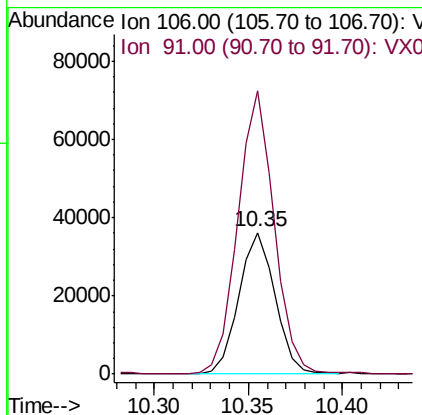
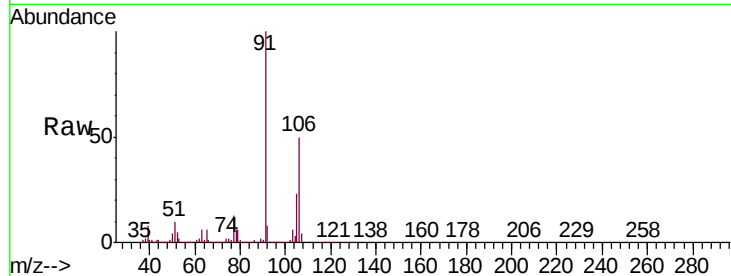




#67
m/p-Xylenes
Concen: 9.522 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

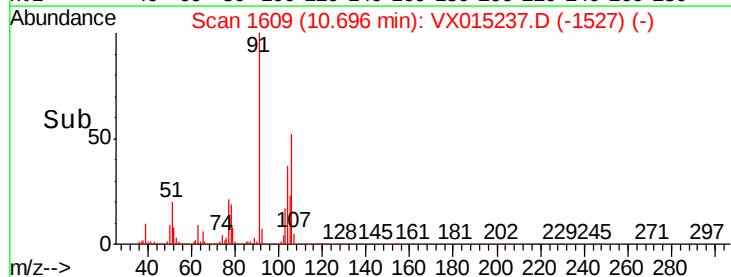
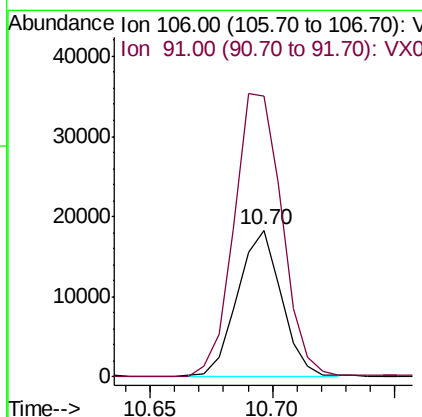
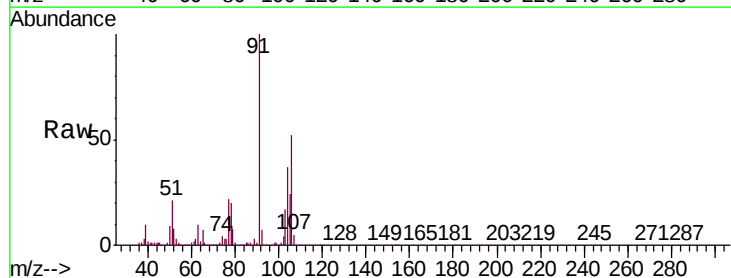
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

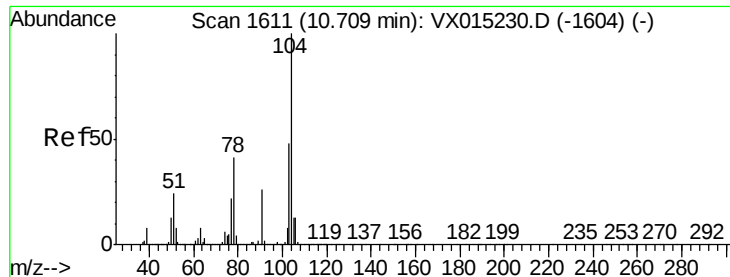
Tgt Ion:106 Resp: 48372
Ion Ratio Lower Upper
106 100
91 200.5 160.1 240.1



#68
o-Xylene
Concen: 4.721 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

Tgt Ion:106 Resp: 22996
Ion Ratio Lower Upper
106 100
91 207.7 106.4 319.2





#69

Styrene

Concen: 4.590 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

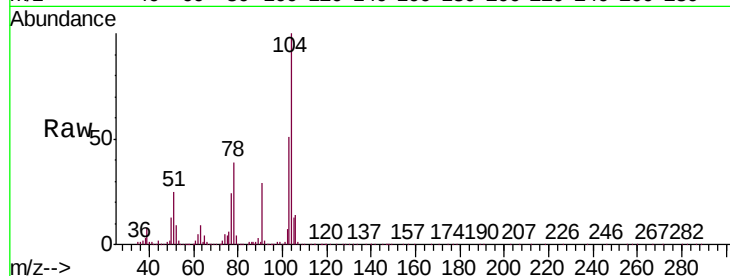
Tgt Ion:104 Resp: 38904

Ion Ratio Lower Upper

104 100

78 46.5 38.9 58.3

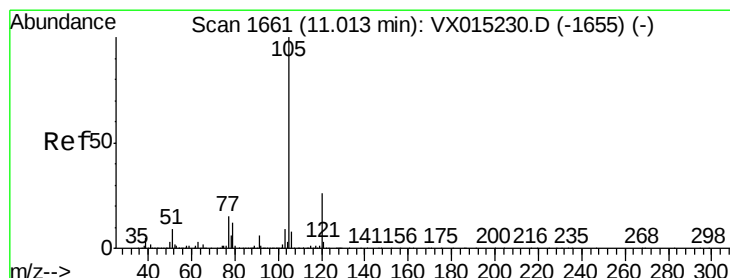
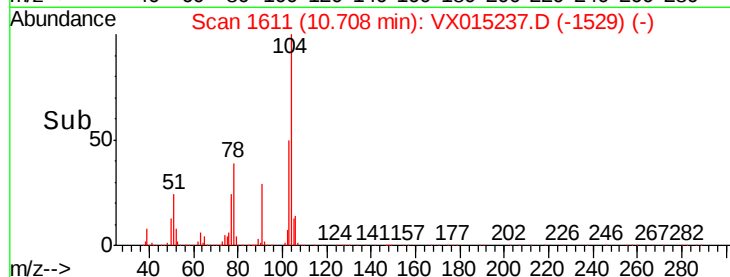
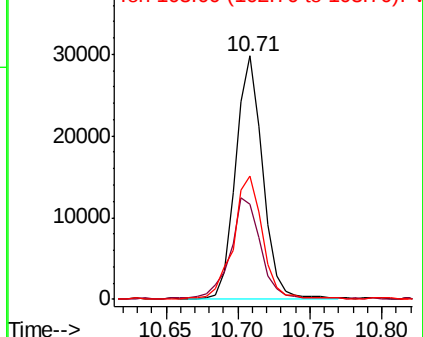
103 55.0 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 4.809 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015237.D

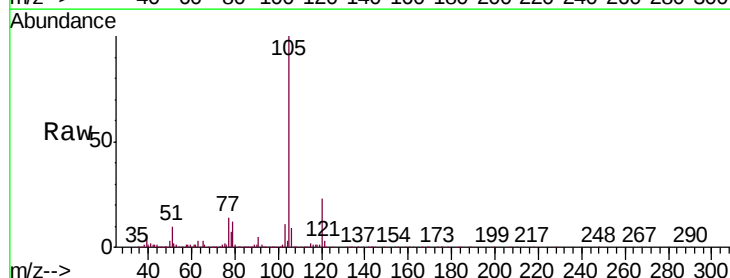
Acq: 12 Mar 2020 16:29

Tgt Ion:105 Resp: 62341

Ion Ratio Lower Upper

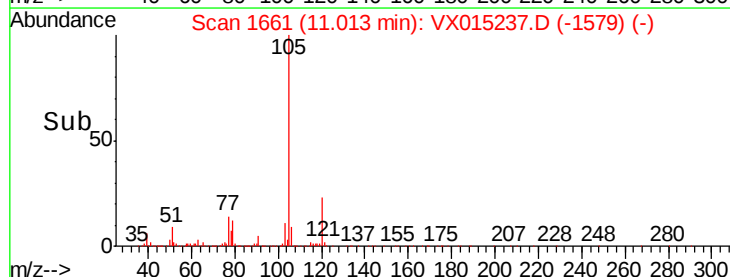
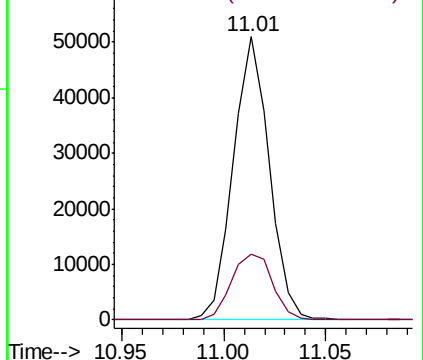
105 100

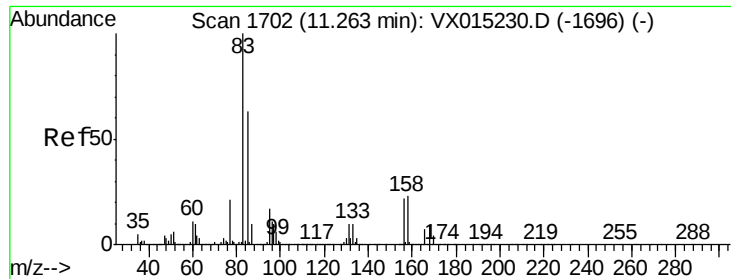
120 26.8 18.6 34.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

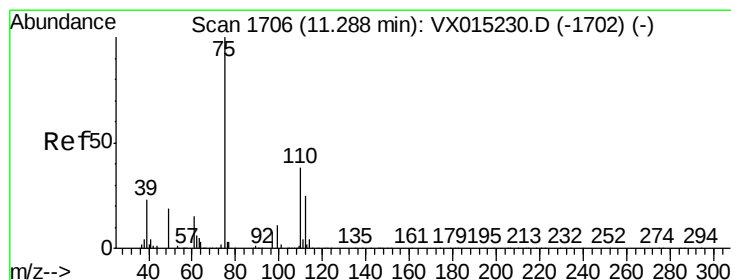
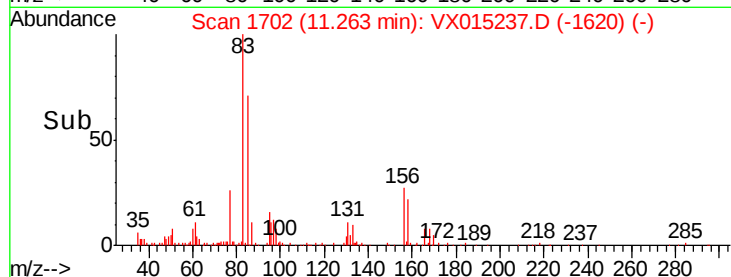
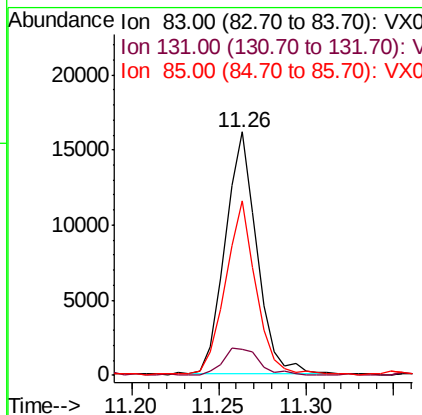
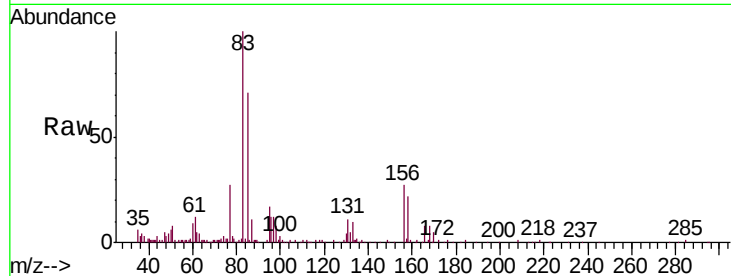




#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.815 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX015237.D
 Acq: 12 Mar 2020 16:29

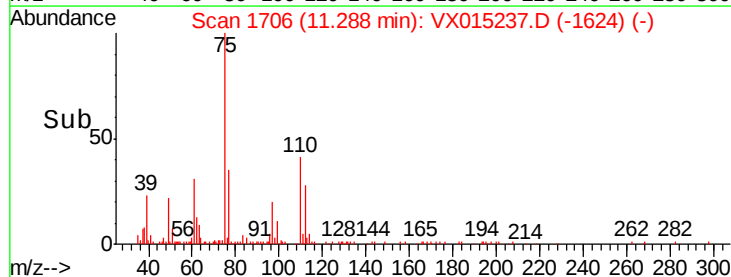
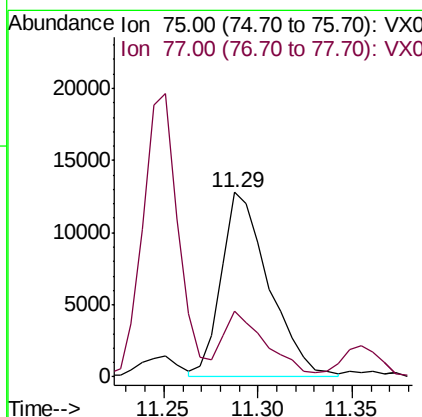
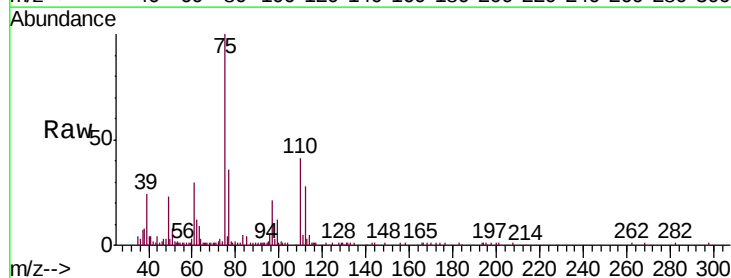
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

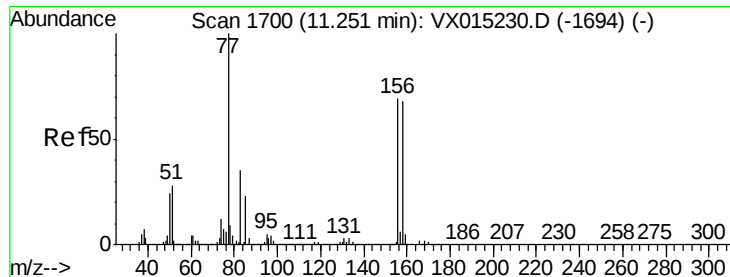
Tgt Ion: 83 Resp: 20262
 Ion Ratio Lower Upper
 83 100
 131 11.6 5.0 14.9
 85 68.7 31.8 95.4



#72
 1,2,3-Trichloropropane
 Concen: 6.432 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX015237.D
 Acq: 12 Mar 2020 16:29

Tgt Ion: 75 Resp: 22157
 Ion Ratio Lower Upper
 75 100
 77 31.3 0.0 83.0





#73

Bromobenzene

Concen: 5.000 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

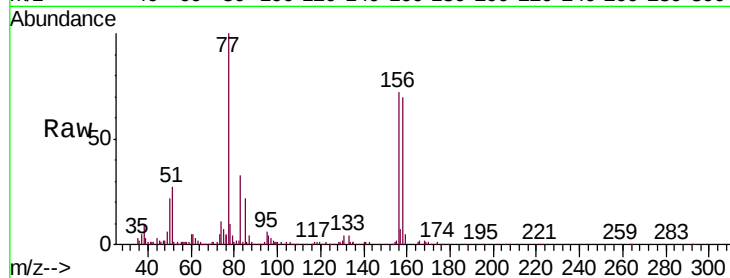
Tgt Ion:156 Resp: 17679

Ion Ratio Lower Upper

156 100

77 145.5 0.0 305.0

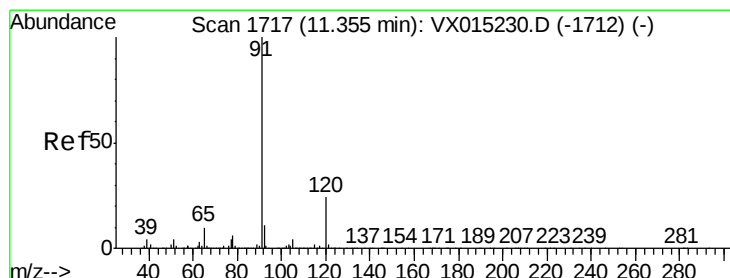
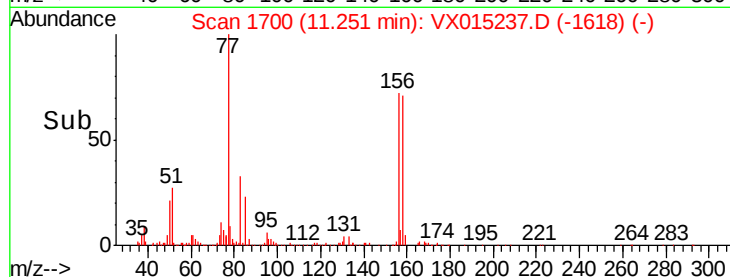
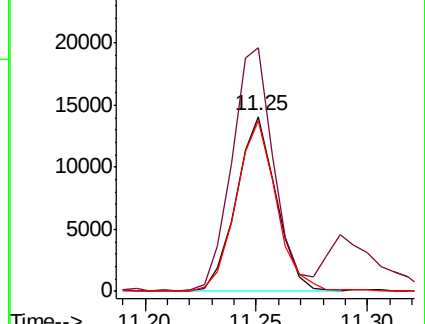
158 98.2 0.0 197.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 4.585 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015237.D

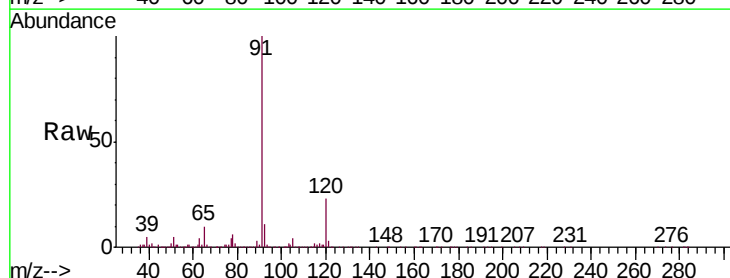
Acq: 12 Mar 2020 16:29

Tgt Ion: 91 Resp: 70228

Ion Ratio Lower Upper

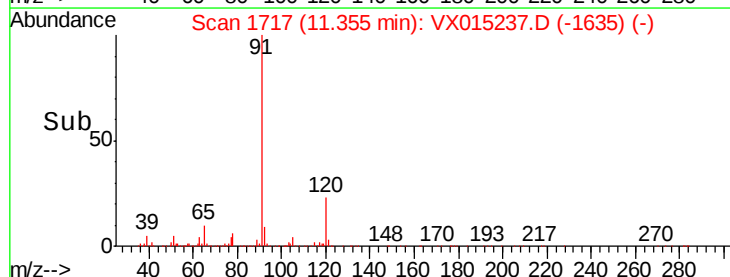
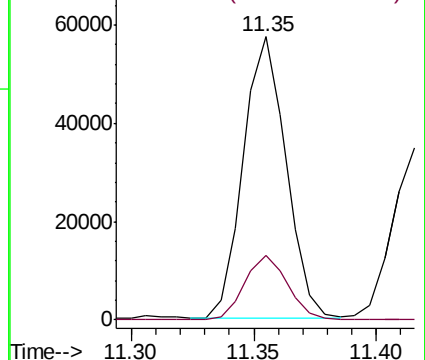
91 100

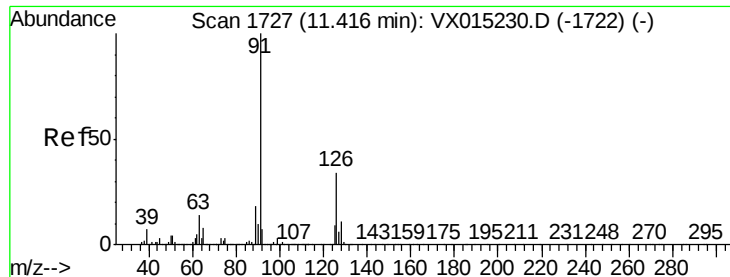
120 23.2 0.0 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 4.741 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

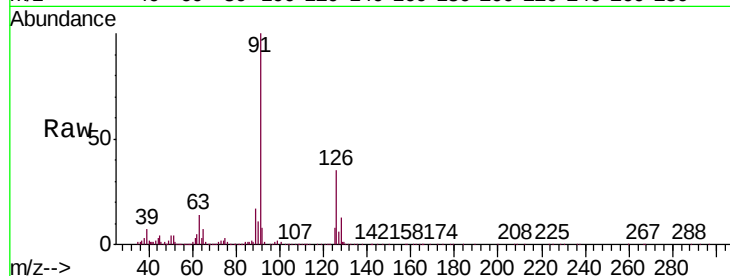
LOQ-WATER-02-QT1-2020

Tgt Ion: 91 Resp: 42391

Ion Ratio Lower Upper

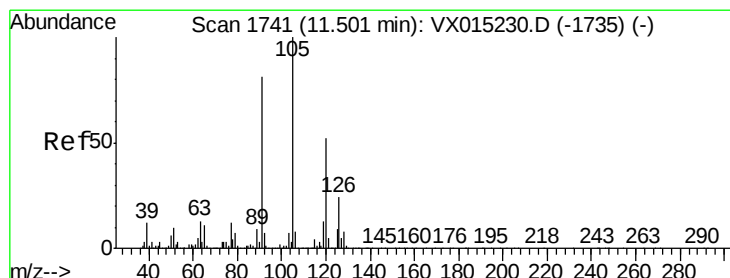
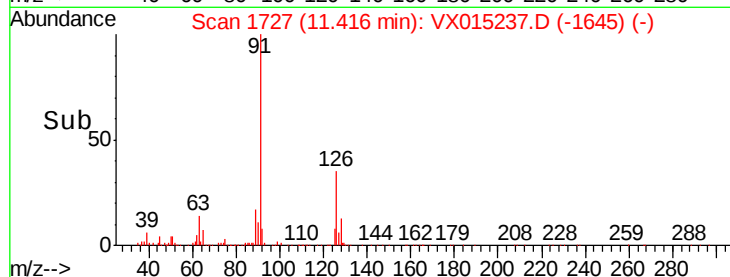
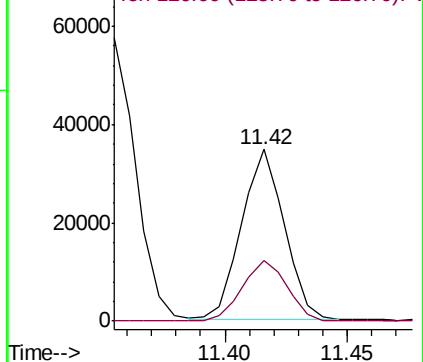
91 100

126 36.4 0.0 69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 4.579 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015237.D

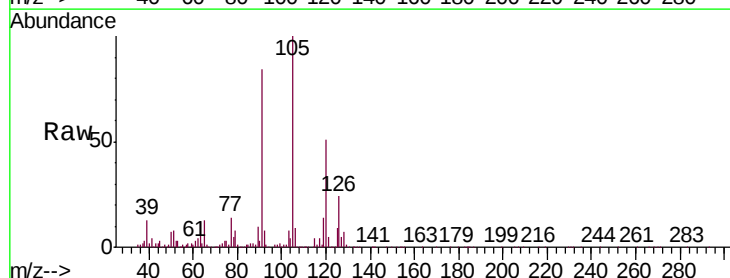
Acq: 12 Mar 2020 16:29

Tgt Ion: 105 Resp: 50669

Ion Ratio Lower Upper

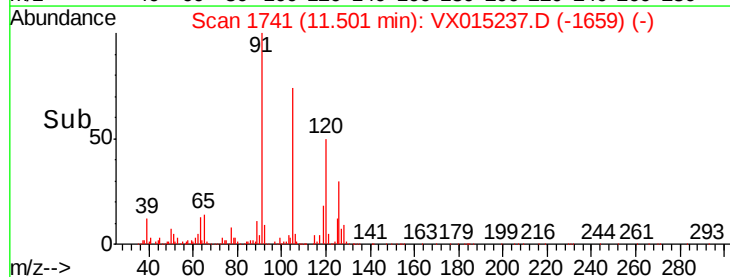
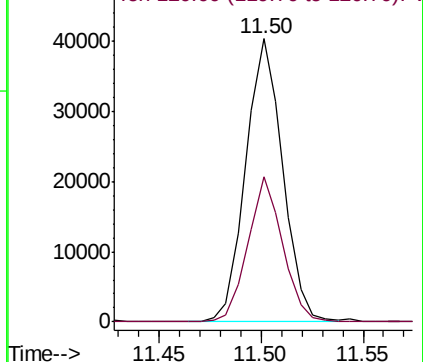
105 100

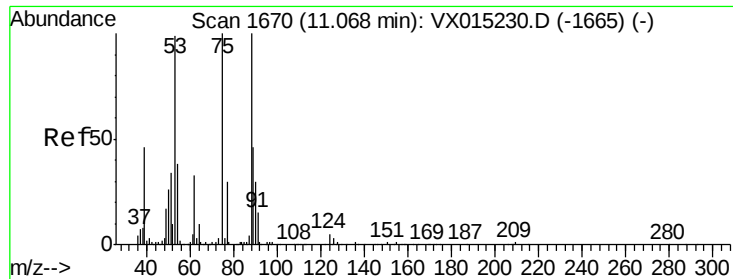
120 48.7 0.0 101.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 3.691 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT1-2020

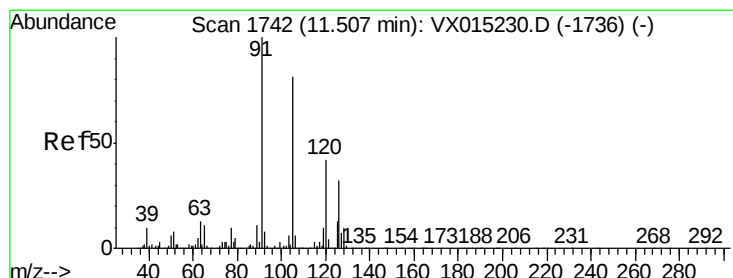
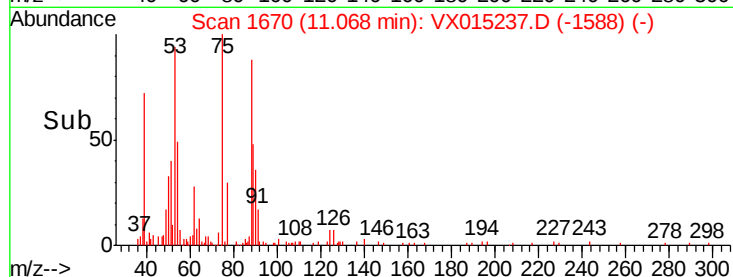
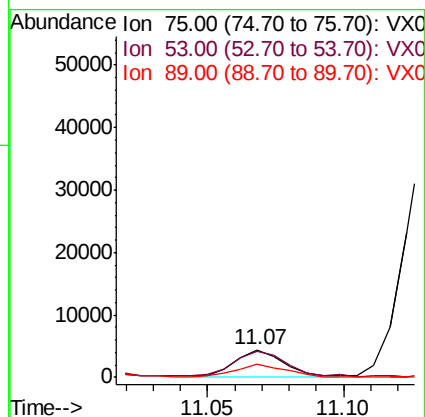
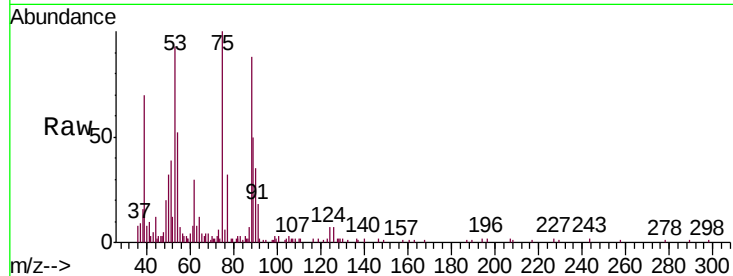
Tgt Ion: 75 Resp: 5324

Ion Ratio Lower Upper

75 100

53 92.4 49.5 148.3

89 49.8 22.9 68.8



#78

4-Chlorotoluene

Concen: 4.637 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015237.D

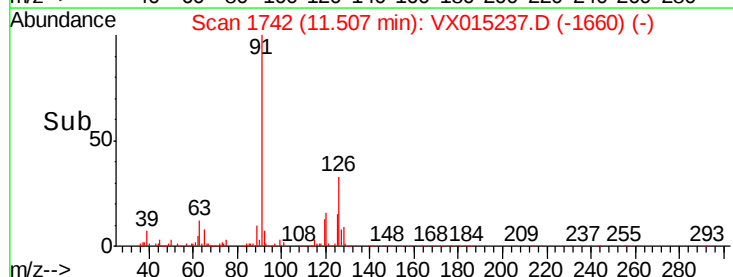
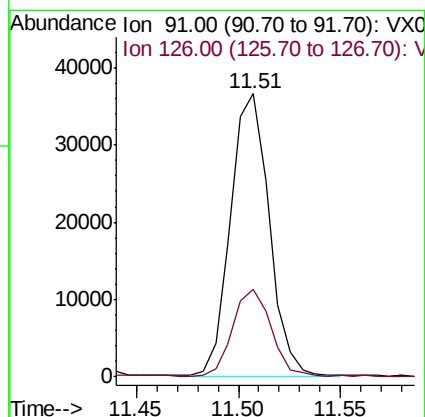
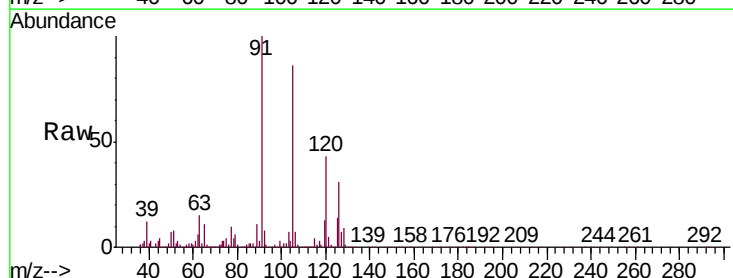
Acq: 12 Mar 2020 16:29

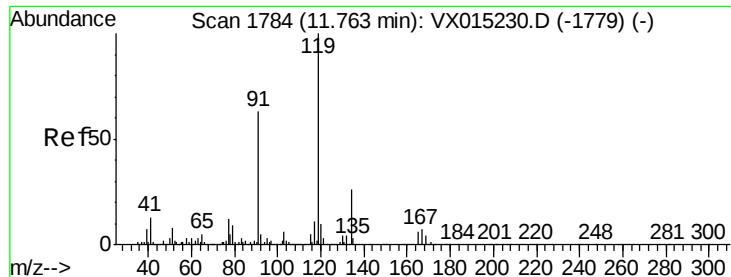
Tgt Ion: 91 Resp: 47733

Ion Ratio Lower Upper

91 100

126 30.5 0.0 61.4

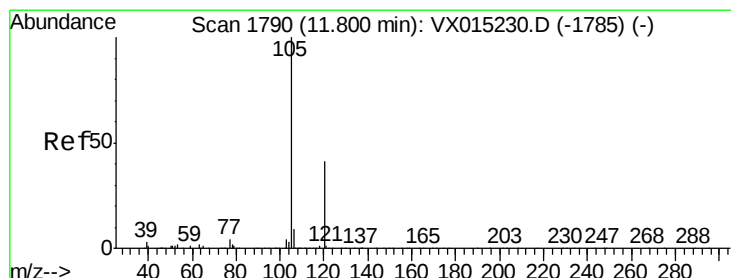
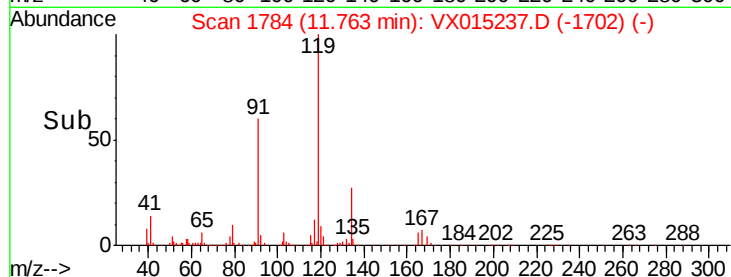
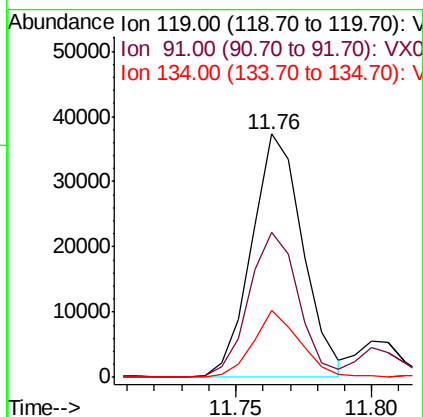
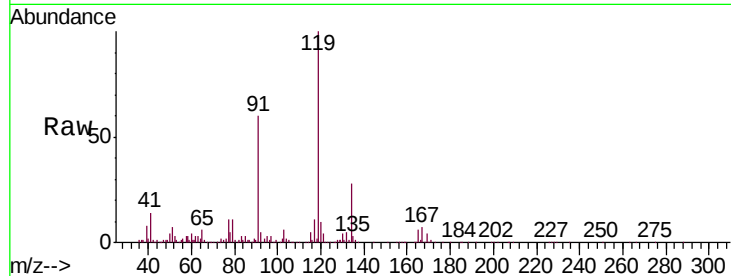




#79
tert-butylbenzene
Concen: 4.712 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

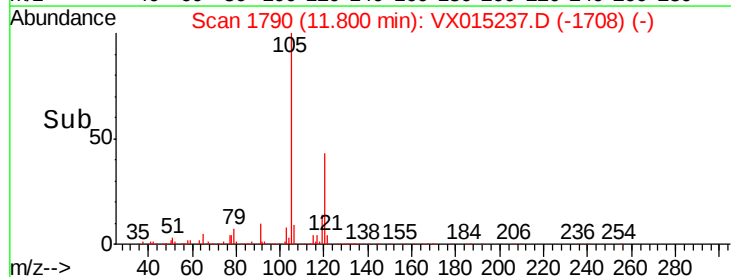
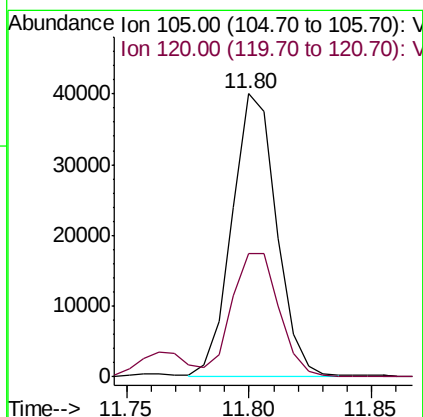
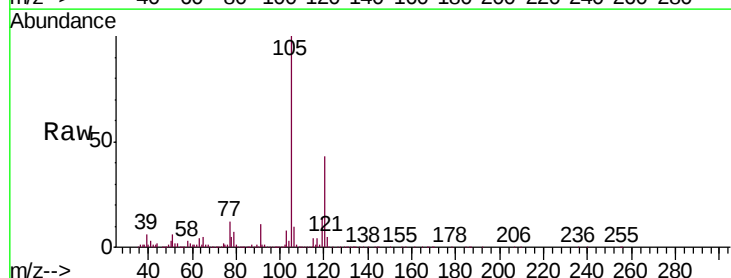
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

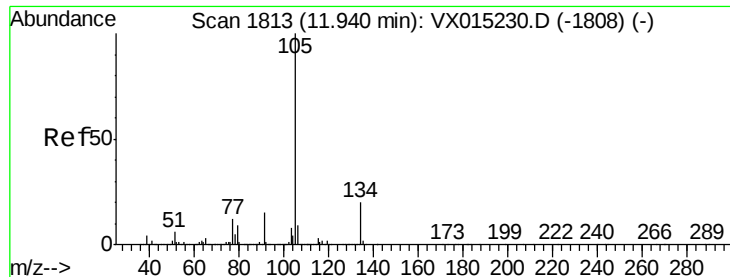
Tgt Ion:119 Resp: 48890
Ion Ratio Lower Upper
119 100
91 57.5 0.0 115.4
134 25.0 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 4.630 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

Tgt Ion:105 Resp: 50657
Ion Ratio Lower Upper
105 100
120 46.3 0.0 93.2





#81

sec-Butylbenzene

Concen: 4.572 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

Instrument :

MSVOA_X

ClientSampleId :

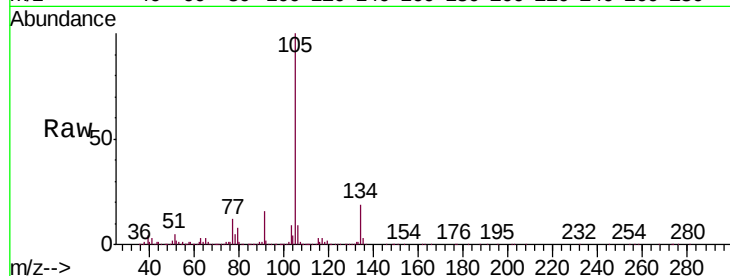
LOQ-WATER-02-QT1-2020

Tgt Ion:105 Resp: 58871

Ion Ratio Lower Upper

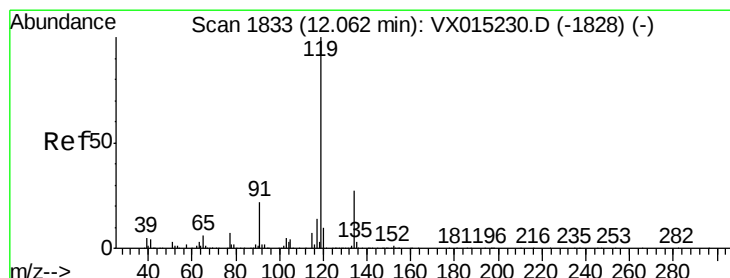
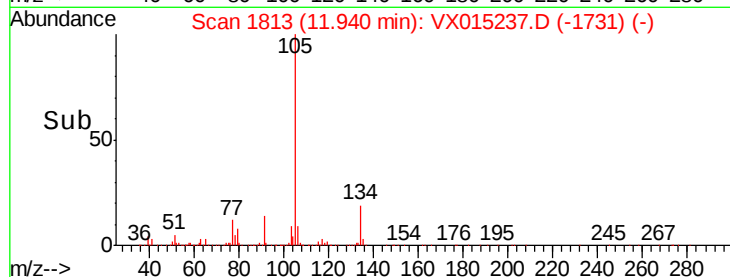
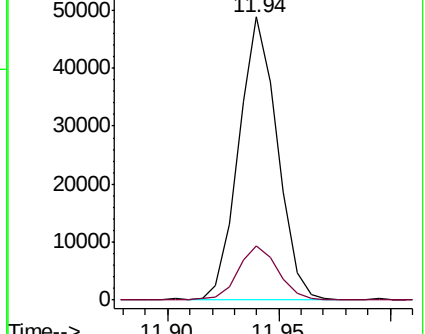
105 100

134 20.1 0.0 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 4.492 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015237.D

Acq: 12 Mar 2020 16:29

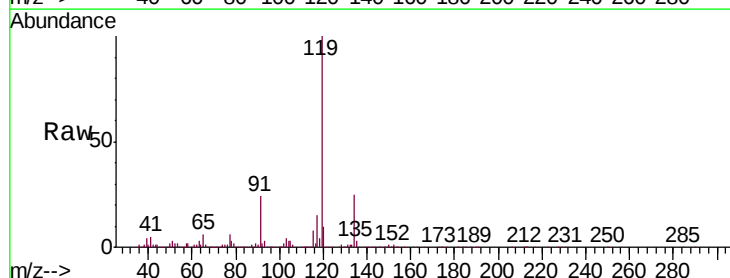
Tgt Ion:119 Resp: 53195

Ion Ratio Lower Upper

119 100

134 26.3 0.0 53.6

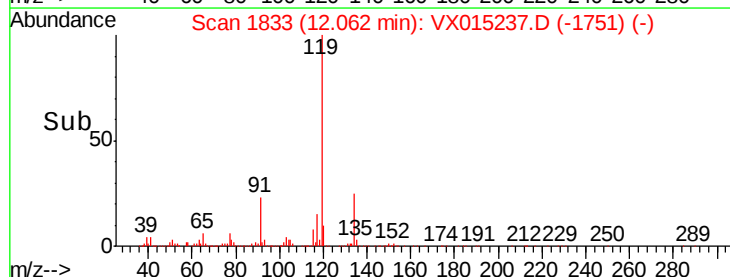
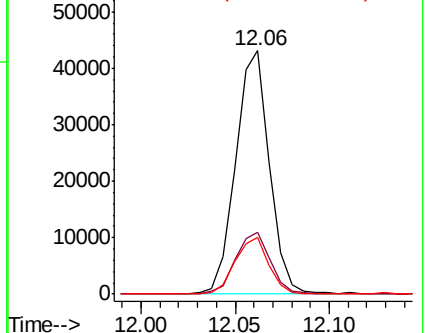
91 23.1 0.0 43.6

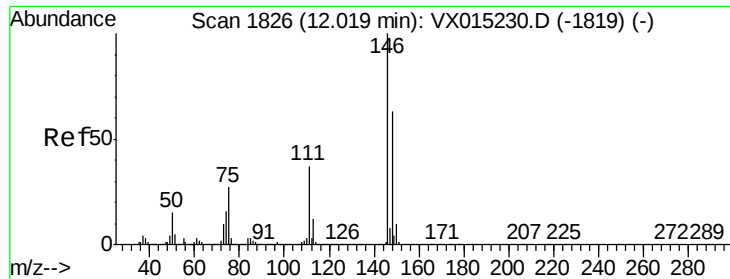


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

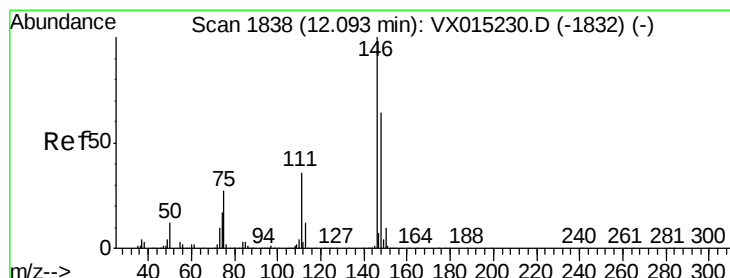
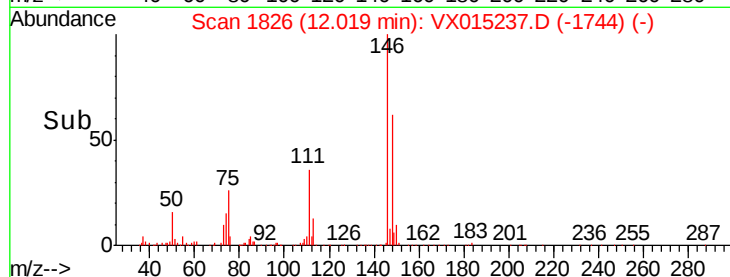
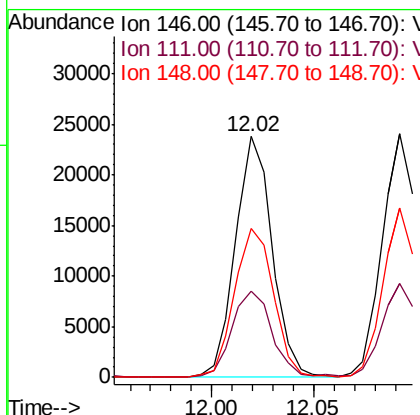
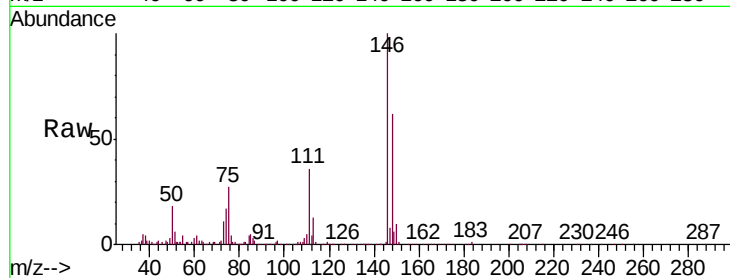




#83
 1,3-Dichlorobenzene
 Concen: 4.778 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015237.D
 Acq: 12 Mar 2020 16:29

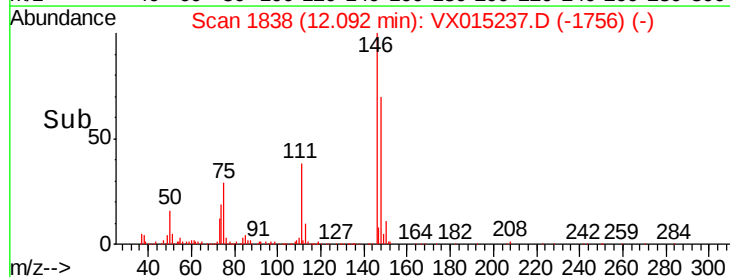
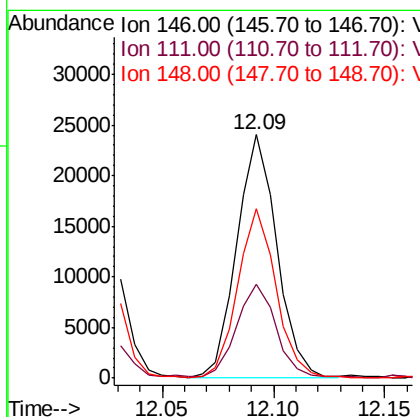
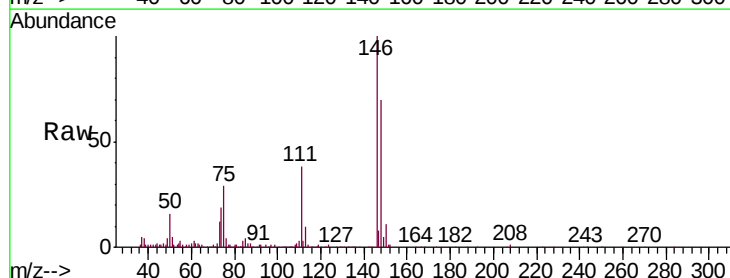
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

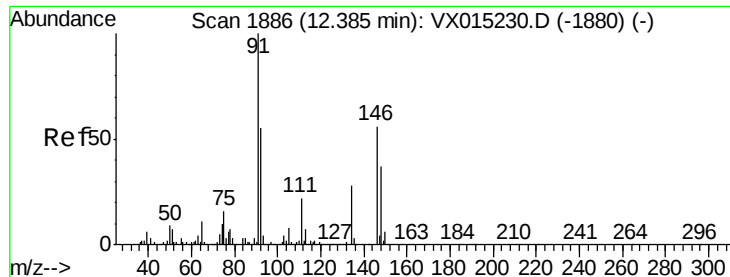
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.8	56.4
148	65.0	31.9	95.7



#84
 1,4-Dichlorobenzene
 Concen: 4.831 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015237.D
 Acq: 12 Mar 2020 16:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.4	55.0
148	66.8	31.9	95.9

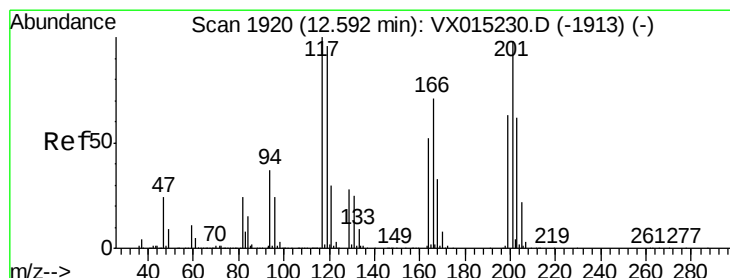
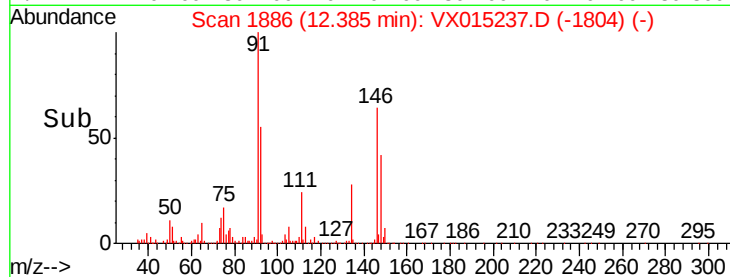
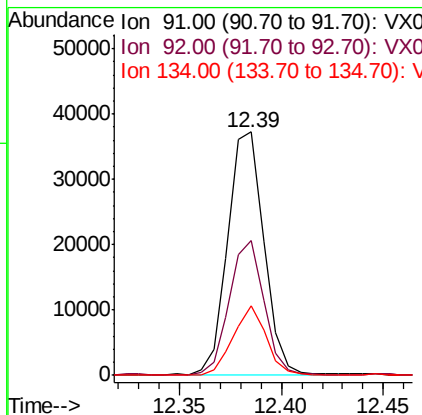
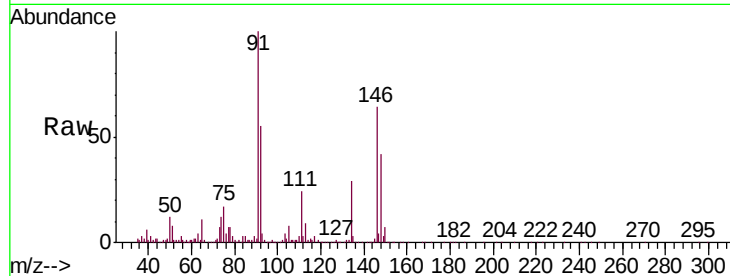




#85
n-Butylbenzene
Concen: 4.409 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

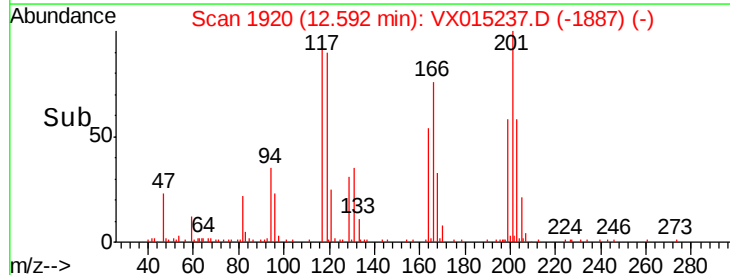
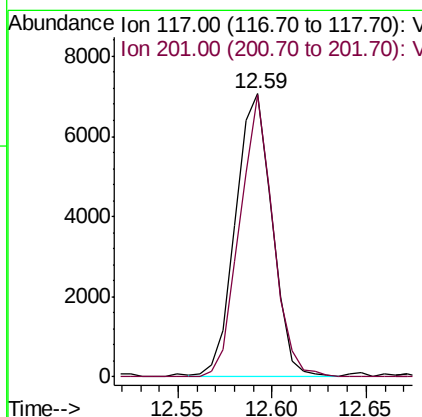
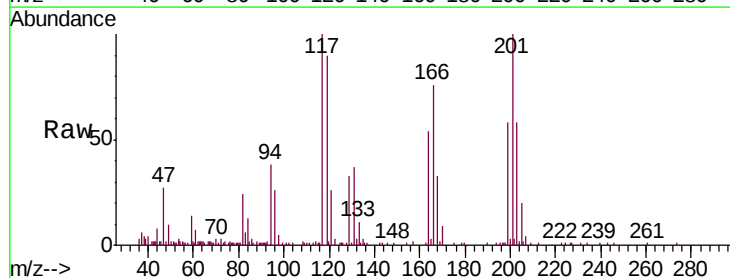
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

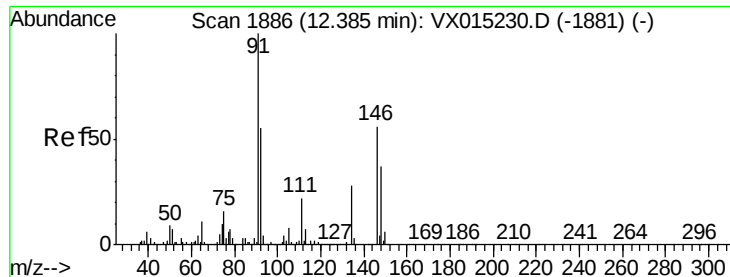
Tgt Ion: 91 Resp: 45755
Ion Ratio Lower Upper
91 100
92 53.5 0.0 109.4
134 26.2 0.0 53.0



#86
Hexachloroethane
Concen: 4.596 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

Tgt Ion: 117 Resp: 9527
Ion Ratio Lower Upper
117 100
201 90.3 47.8 143.3

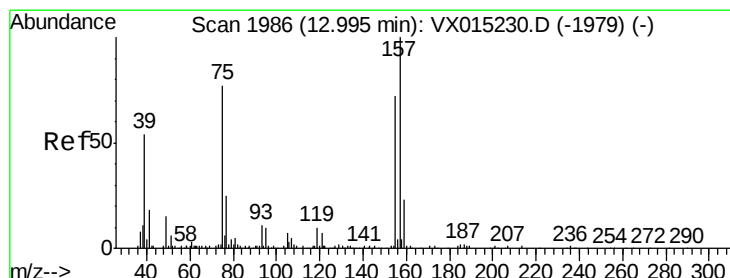
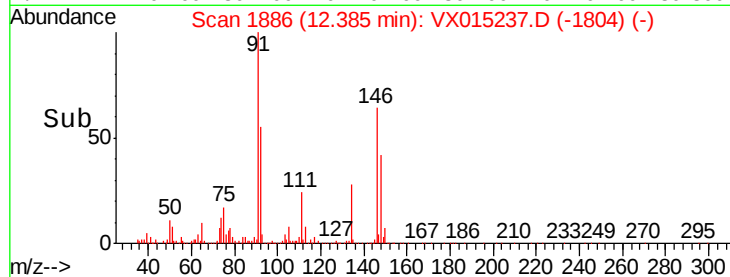
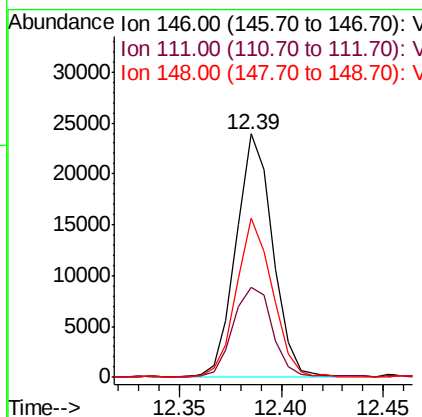
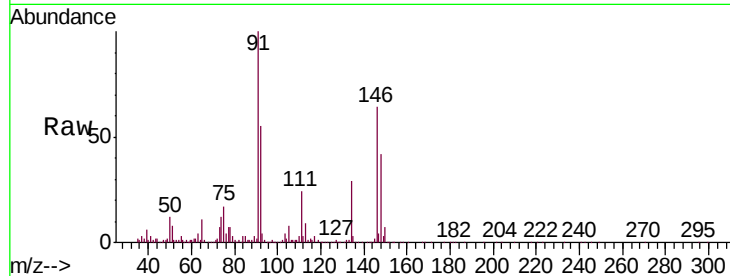




#87
 1,2-Dichlorobenzene
 Concen: 4.905 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015237.D
 Acq: 12 Mar 2020 16:29

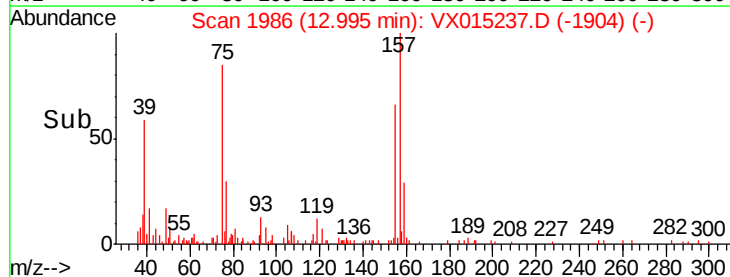
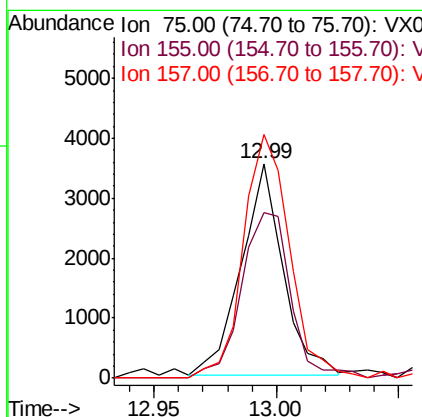
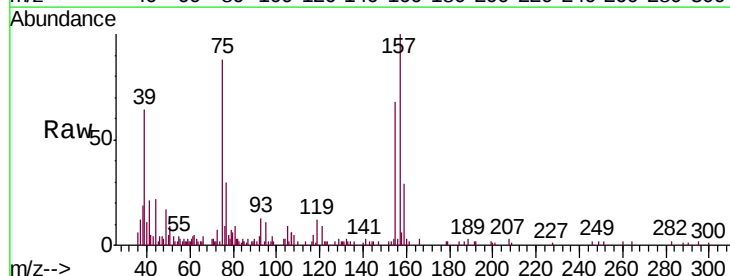
Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

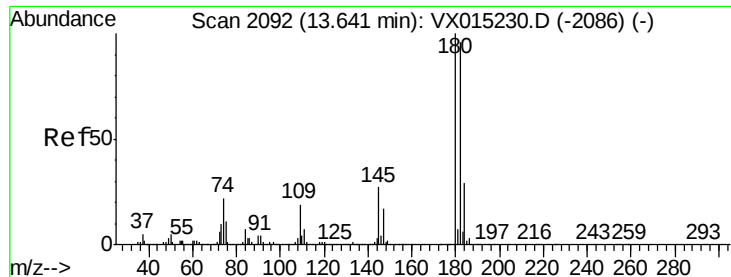
Tgt Ion:146 Resp: 29876
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.4 58.4
 148 64.0 32.4 97.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.859 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015237.D
 Acq: 12 Mar 2020 16:29

Tgt Ion: 75 Resp: 4210
 Ion Ratio Lower Upper
 75 100
 155 91.3 77.5 116.3
 157 126.9 103.0 154.4

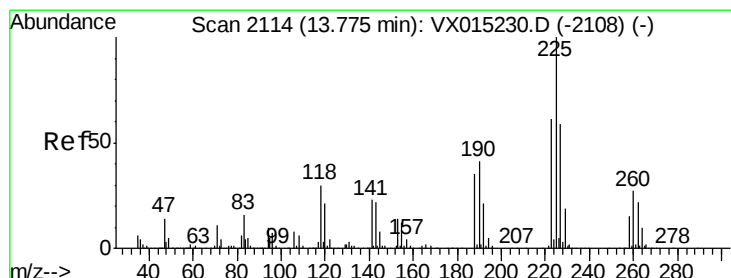
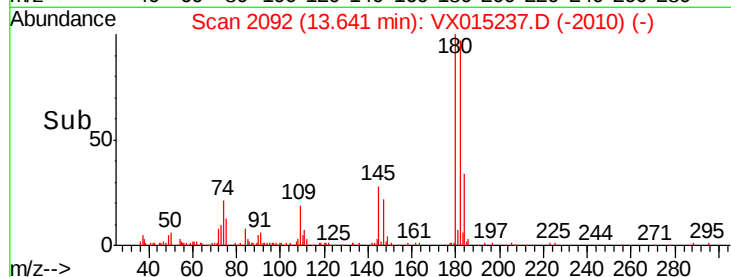
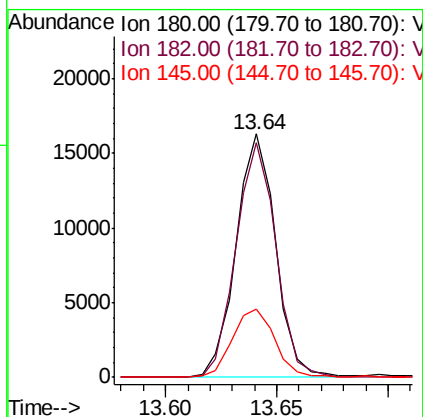
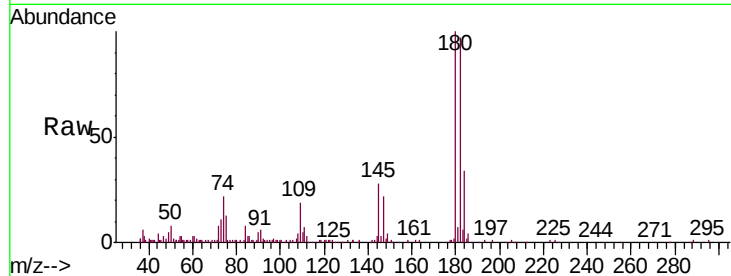




#89
1,2,4-Trichlorobenzene
Concen: 4.481 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

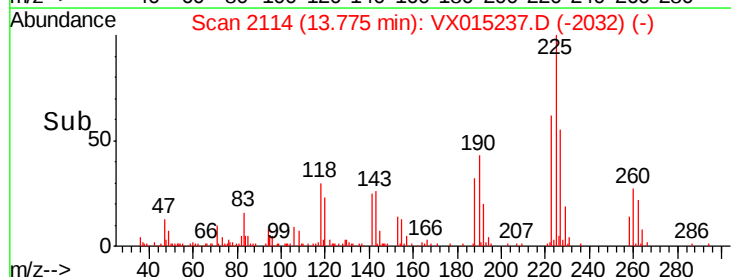
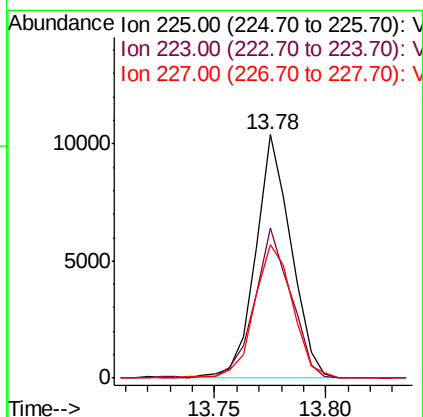
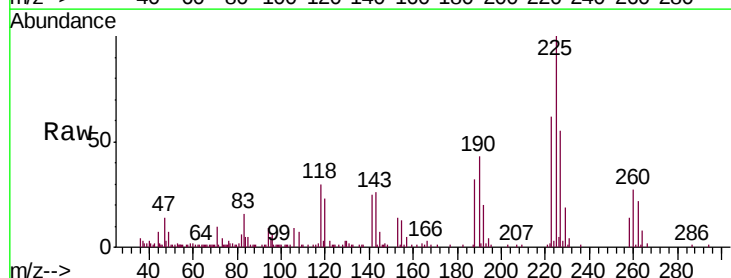
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT1-2020

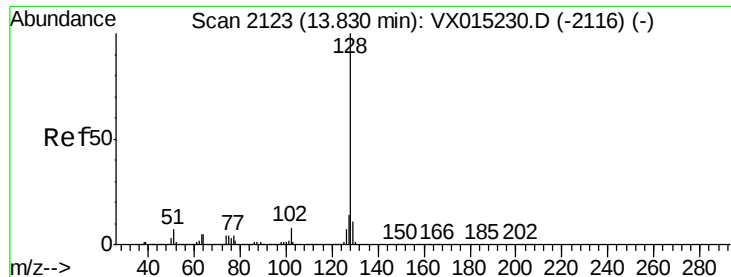
Tgt Ion:180 Resp: 20176
Ion Ratio Lower Upper
180 100
182 97.5 76.6 115.0
145 30.2 22.7 34.1



#90
Hexachlorobutadiene
Concen: 4.977 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

Tgt Ion:225 Resp: 11529
Ion Ratio Lower Upper
225 100
223 63.3 0.0 125.0
227 59.1 0.0 126.2

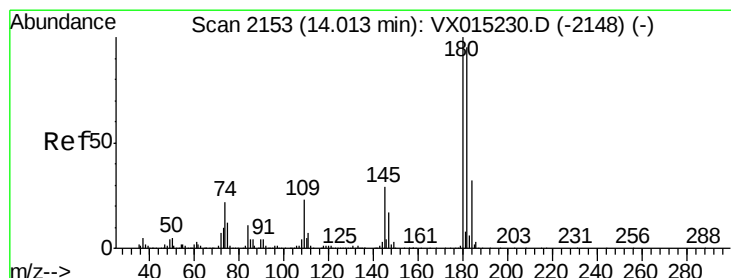
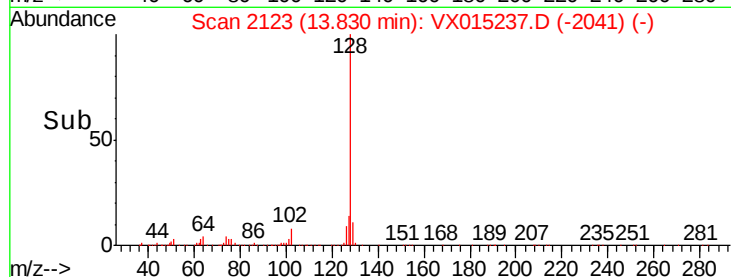
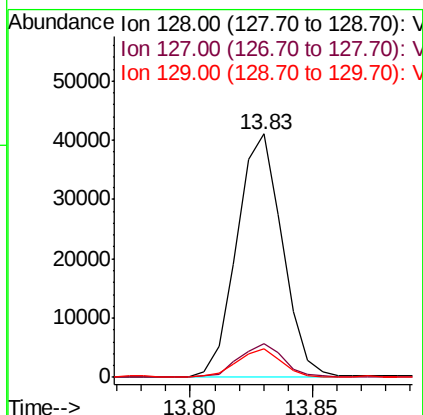
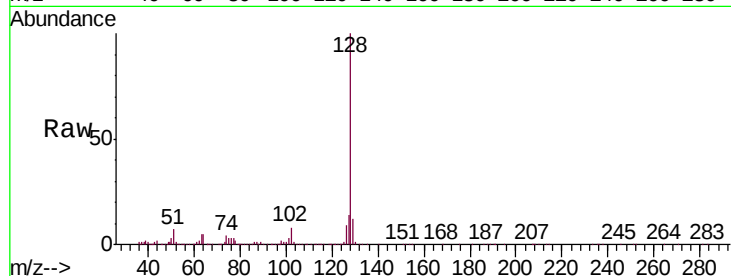




#91
Naphthalene
Concen: 4.282 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

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

Tgt Ion:128 Resp: 53406
Ion Ratio Lower Upper
128 100
127 13.7 10.8 16.2
129 11.7 8.7 13.1



#92
1,2,3-Trichlorobenzene
Concen: 4.462 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015237.D
Acq: 12 Mar 2020 16:29

Tgt Ion:180 Resp: 20219
Ion Ratio Lower Upper
180 100
182 98.6 0.0 192.0
145 31.7 0.0 60.0

