

Data File : VN054984.D
Acq On : 11 Apr 2019 18:30
Operator : JC/SP
Sample : K2241-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

Quant Time: Apr 12 08:01:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:55:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	70720	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	390590	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	330613	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	165351	30.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.27%
60) 4-Bromofluorobenzene	12.40	95	146939	28.55	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.17%
63) Toluene-d8	10.09	98	486405	30.94	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.13%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	44281	10.646	ug/l	99
3) Chloromethane	2.06	50	61397	10.927	ug/l	95
4) Vinyl Chloride	2.19	62	53177	10.944	ug/l	98
5) Bromomethane	2.56	94	32988	11.738	ug/l	86
6) Chloroethane	2.71	64	30099	11.061	ug/l	98
7) Trichlorofluoromethane	3.02	101	65696	10.581	ug/l	98
8) Diethyl Ether	3.41	74	20654	10.361	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.75	101	36672	10.805	ug/l	96
10) 1,1-Dichloroethene	3.73	96	34478	10.988	ug/l	95
11) Methyl Iodide	3.94	142	47070	9.912	ug/l	99
12) Methyl Acetate	4.33	43	37592	9.740	ug/l	99
13) Acrolein	3.60	56	19977	59.057	ug/l	99
14) Acrylonitrile	5.00	53	80370	50.826	ug/l #	88
15) Acetone	3.82	58	17412	44.498	ug/l	92
16) Carbon Disulfide	4.04	76	105914	10.063	ug/l	97
17) Allyl chloride	4.32	41	78894	10.209	ug/l	99
18) Methylene Chloride	4.55	84	51453	11.093	ug/l	98
19) trans-1,2-Dichloroethene	5.04	96	43684	10.694	ug/l	90
20) Diisopropyl ether	5.96	45	156643	10.006	ug/l	99
21) 1,1-Dichloroethane	5.85	63	87807	10.501	ug/l	100
22) cis-1,2-Dichloroethene	6.83	96	52101	10.973	ug/l	98
23) tert-Butyl Alcohol	4.90	59	137	0.543	ug/l #	100
24) Methyl tert-Butyl Ether	5.06	73	111534	10.585	ug/l #	62
25) Chloroform	7.37	83	83279	10.398	ug/l	96
26) Cyclohexane	7.65	56	81218	10.469	ug/l #	95
29) 1,1-Dichloropropene	7.79	75	61826	10.164	ug/l	98
30) 2-Butanone	6.85	43	96458	47.770	ug/l #	96
31) 2,2-Dichloropropane	6.82	77	57774	10.319	ug/l #	100
32) 1,1,1-Trichloroethane	7.57	97	67947	10.568	ug/l	97
33) Carbon Tetrachloride	7.77	117	55228	9.921	ug/l	97
34) Benzene	8.04	78	187774	10.417	ug/l #	86
35) Methacrylonitrile	7.17	41	19466	8.179	ug/l	91
36) 1,2-Dichloroethane	8.13	62	64448	10.461	ug/l #	89
37) Trichloroethene	8.83	130	48873	10.635	ug/l	95
38) Methylcyclohexane	9.08	83	71433	10.126	ug/l	99
39) 1,2-Dichloropropane	9.12	63	53315	10.711	ug/l	97
40) Dibromomethane	9.21	93	29965	10.651	ug/l	98

Data File : VN054984.D
Acq On : 11 Apr 2019 18:30
Operator : JC/SP
Sample : K2241-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

Quant Time: Apr 12 08:01:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:55:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.40	83	58303	10.041	ug/l	98
42) Vinyl Acetate	5.90	43	519498	50.891	ug/l	100
43) Ethyl Acetate	6.94	43	40645	9.881	ug/l #	86
44) Isopropyl Acetate	8.17	43	69757	10.006	ug/l	100
45) 1,4-Dioxane	9.21	88	8014	207.503	ug/l	93
46) Methyl methacrylate	9.20	41	35167	9.752	ug/l	94
47) n-amyl Acetate	12.07	43	47241	9.201	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	48403	9.078	ug/l	97
49) cis-1,3-Dichloropropene	9.84	75	62185	9.447	ug/l	98
50) 1,1,2-Trichloroethane	10.56	97	39395	10.309	ug/l	99
51) Ethyl methacrylate	10.43	69	45763	10.046	ug/l	97
52) 1,3-Dichloropropane	10.71	76	69187	10.333	ug/l	99
53) Dibromochloromethane	10.90	129	37694	9.576	ug/l	96
54) 1,2-Dibromoethane	11.00	107	36234	10.100	ug/l	99
55) 2-Chloroethyl vinyl ether	9.70	63	80511	42.278	ug/l	99
56) Bromoform	12.13	173	21887	8.849	ug/l #	96
58) 4-Methyl-2-Pentanone	9.99	43	200988	52.716	ug/l	98
59) 2-Hexanone	10.75	43	123253	50.887	ug/l	100
61) Tetrachloroethene	10.63	164	47311	10.996	ug/l	98
62) Toluene	10.16	91	197521	10.843	ug/l	100
64) Chlorobenzene	11.43	112	110652	10.062	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.51	131	41306	10.561	ug/l	95
66) Ethyl Benzene	11.51	91	202526	10.371	ug/l	98
67) m/p-Xylenes	11.62	106	151954	20.935	ug/l	99
68) o-Xylene	11.95	106	75114	10.472	ug/l	99
69) Styrene	11.96	104	114532	10.283	ug/l	99
70) Isopropylbenzene	12.25	105	198404	10.345	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.50	83	47654	10.864	ug/l	95
72) 1,2,3-Trichloropropane	12.55	75	55473	15.313	ug/l	58
73) Bromobenzene	12.53	156	46388	10.233	ug/l	98
74) n-propylbenzene	12.59	91	213093	9.925	ug/l	99
75) 2-Chlorotoluene	12.67	91	134891	10.417	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	163588	10.551	ug/l	98
77) t-1,4-Dichloro-2-butene	12.30	75	7870	8.619	ug/l	92
78) 4-Chlorotoluene	12.77	91	116731	9.461	ug/l	99
79) tert-butylbenzene	12.99	119	140758	10.492	ug/l	99
80) 1,2,4-Trimethylbenzene	13.04	105	153395	10.071	ug/l	99
81) sec-Butylbenzene	13.17	105	178854	9.977	ug/l	99
82) p-Isopropyltoluene	13.29	119	151508	10.014	ug/l	99
83) 1,3-Dichlorobenzene	13.28	146	73026	9.629	ug/l	99
84) 1,4-Dichlorobenzene	13.36	146	66414	9.216	ug/l	99
85) n-Butylbenzene	13.61	91	105958	8.792	ug/l	99
86) Hexachloroethane	13.87	117	23403	9.663	ug/l	99
87) 1,2-Dichlorobenzene	13.65	146	74034	9.968	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.27	75	5771	9.899	ug/l	99
89) 1,2,4-Trichlorobenzene	14.91	180	25528	7.688	ug/l	93
90) Hexachlorobutadiene	15.01	225	25481	10.526	ug/l	98
91) Naphthalene	15.13	128	53254	7.660	ug/l	96
92) 1,2,3-Trichlorobenzene	15.31	180	27684	8.337	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN041119\
Quantitation Report (Not Reviewed)

Data File : VN054984.D
Acq On : 11 Apr 2019 18:30
Operator : JC/SP
Sample : K2241-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

Quant Time: Apr 12 08:01:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:55:25 2019
Response via : Initial Calibration

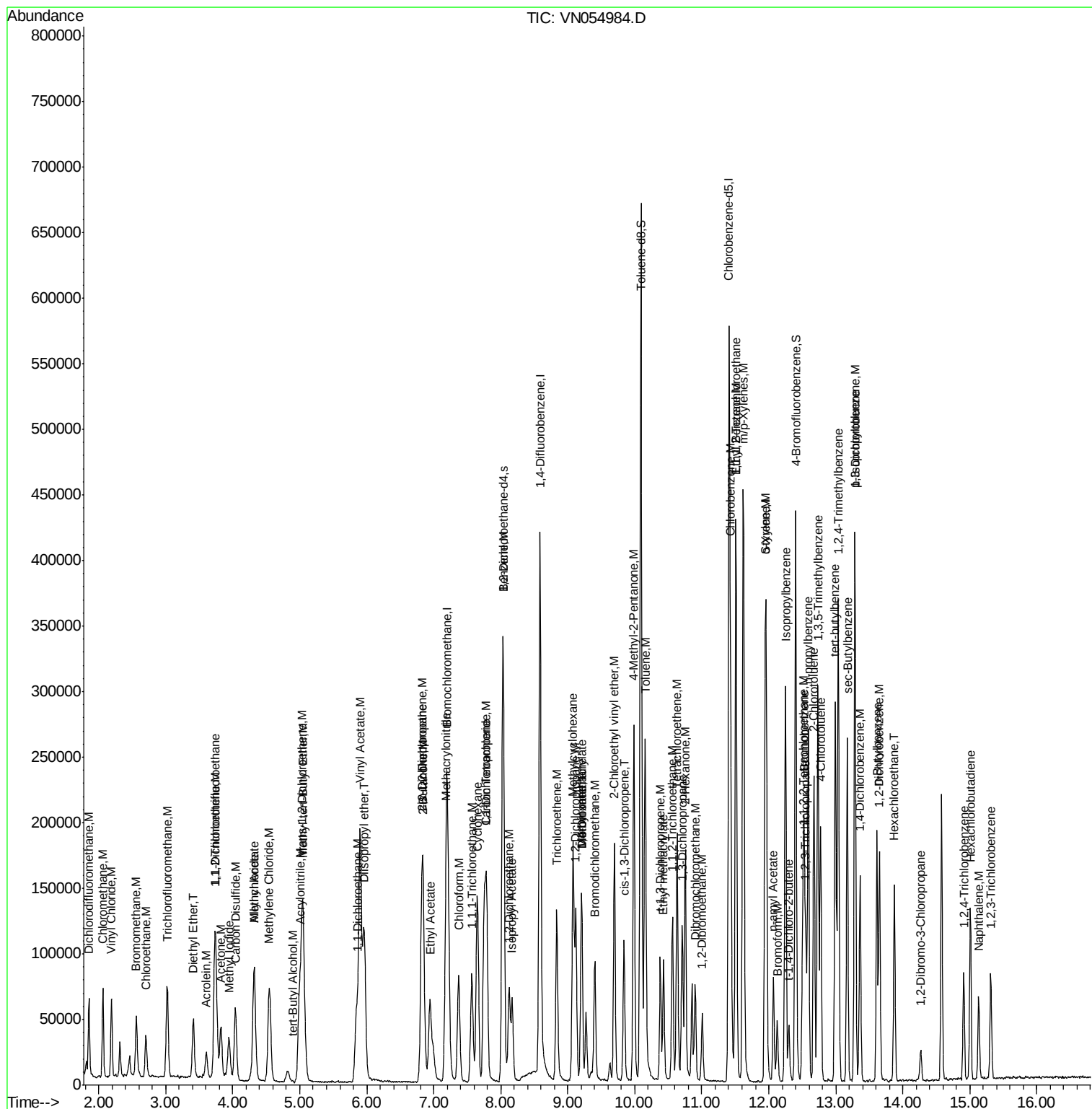
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

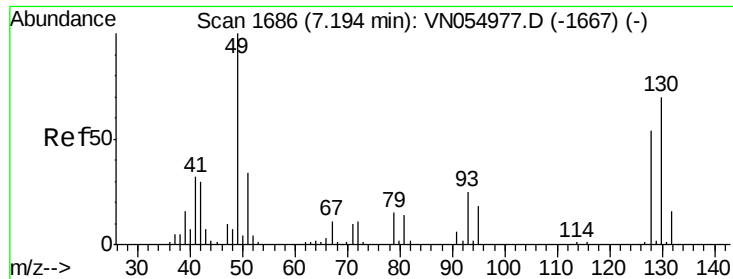
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VN054984.D
Acq On : 11 Apr 2019 18:30
Operator : JC/SP
Sample : K2241-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

Quant Time: Apr 12 08:01:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:55:25 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

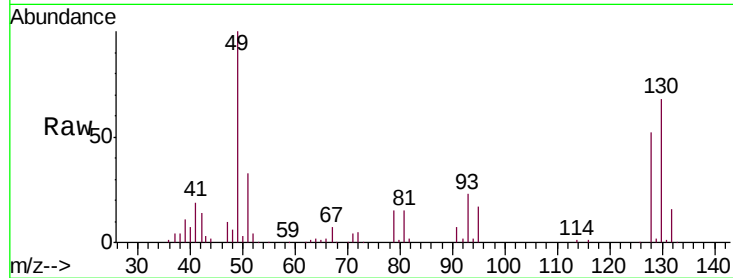
Tgt Ion:128 Resp: 70720

Ion Ratio Lower Upper

128 100

49 191.9 0.0 480.3

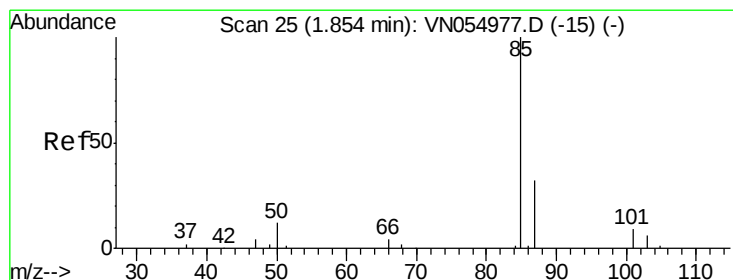
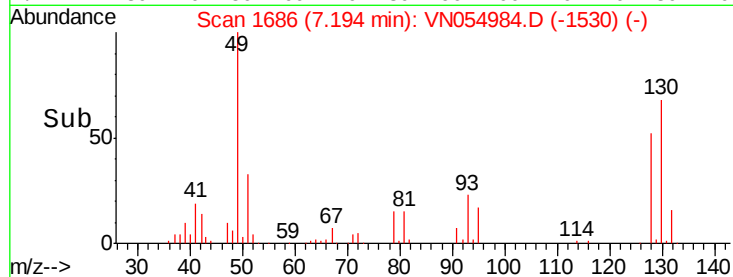
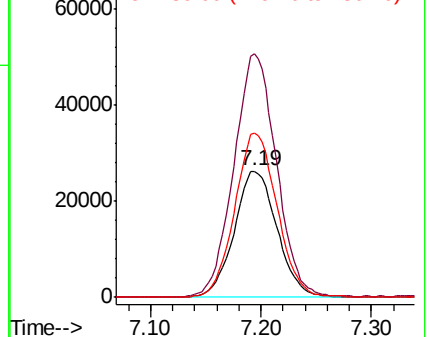
130 128.9 0.0 322.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 10.646 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN054984.D

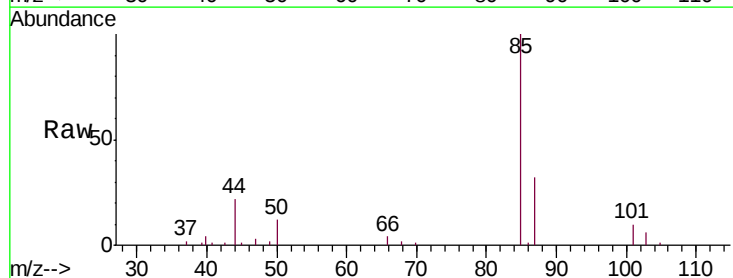
Acq: 11 Apr 2019 18:30

Tgt Ion: 85 Resp: 44281

Ion Ratio Lower Upper

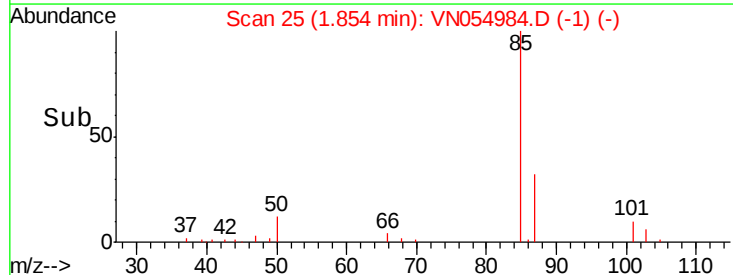
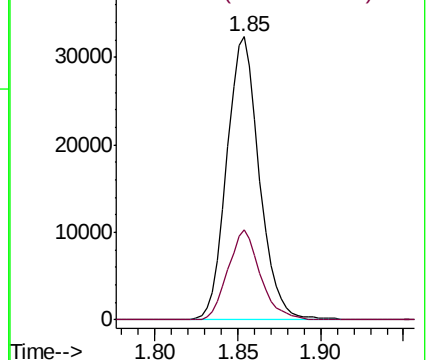
85 100

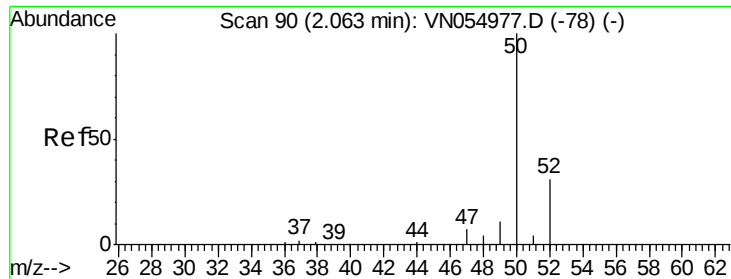
87 31.7 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

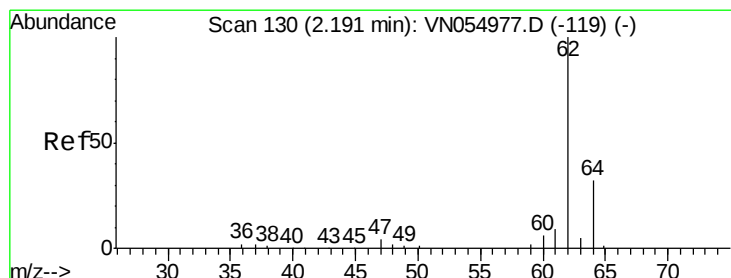
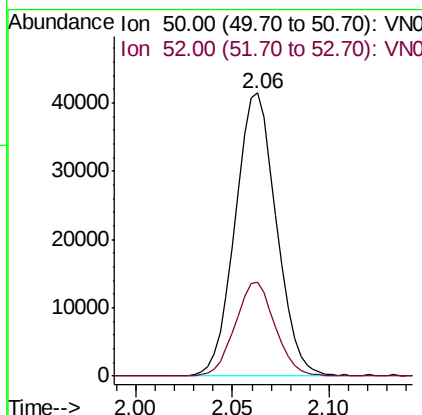
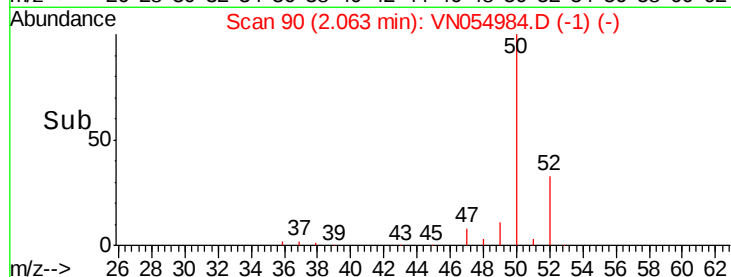
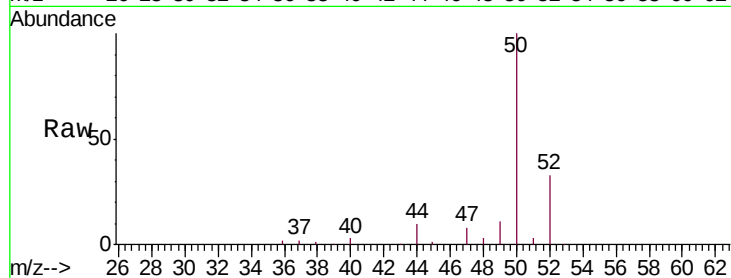




#3
Chloromethane
Concen: 10.927 ug/l
RT: 2.06 min Scan# 90
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

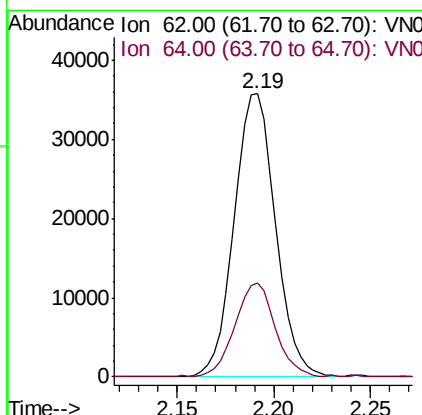
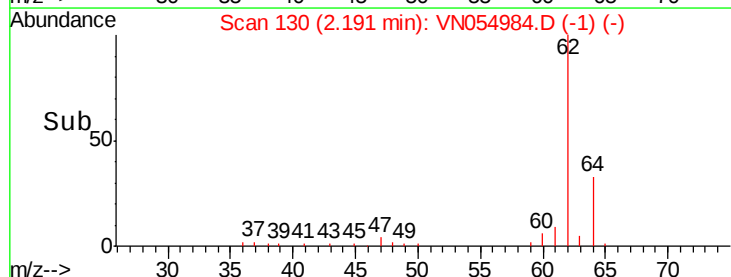
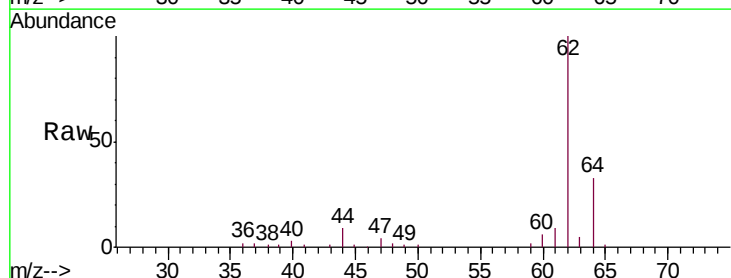
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

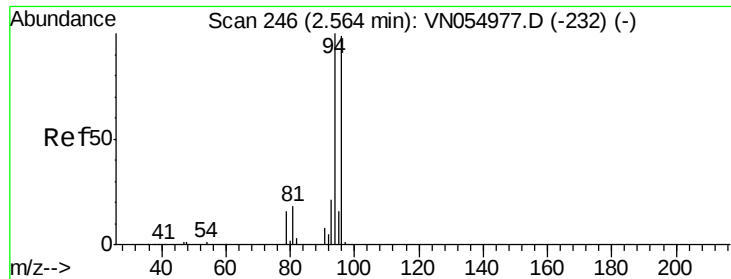
Tgt Ion: 50 Resp: 61397
Ion Ratio Lower Upper
50 100
52 33.2 24.5 36.7



#4
Vinyl Chloride
Concen: 10.944 ug/l
RT: 2.19 min Scan# 130
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

Tgt Ion: 62 Resp: 53177
Ion Ratio Lower Upper
62 100
64 33.2 25.6 38.4





#5

Bromomethane

Concen: 11.738 ug/l

RT: 2.56 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

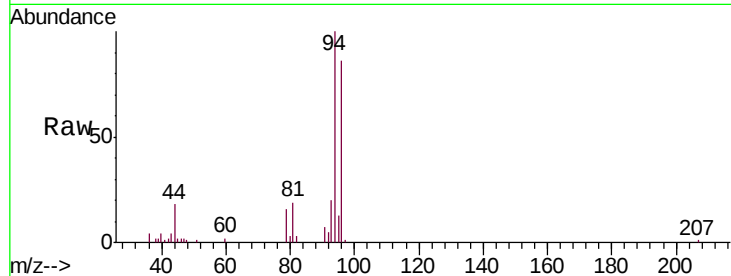
LOQ-WATER-02-QT2-2019

Tgt Ion: 94 Resp: 32988

Ion Ratio Lower Upper

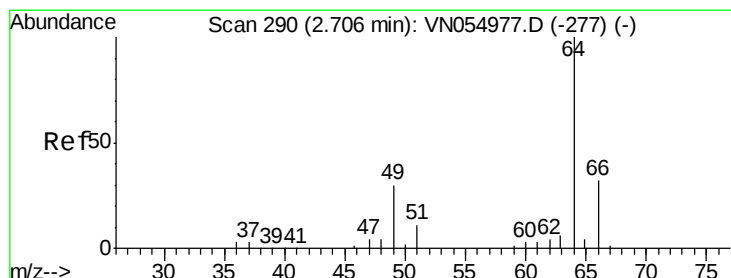
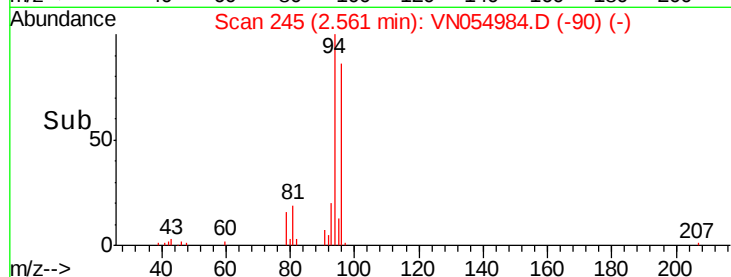
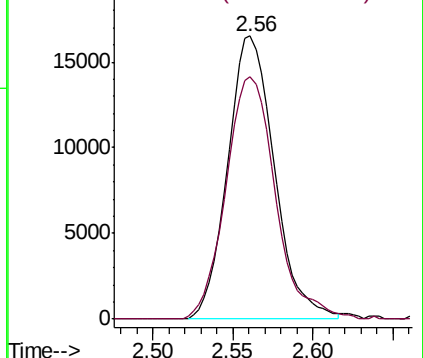
94 100

96 84.5 79.1 118.7



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 11.061 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN054984.D

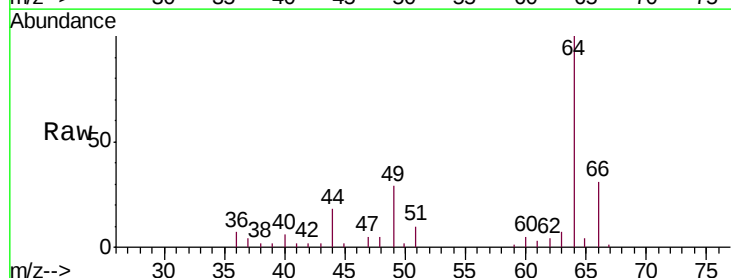
Acq: 11 Apr 2019 18:30

Tgt Ion: 64 Resp: 30099

Ion Ratio Lower Upper

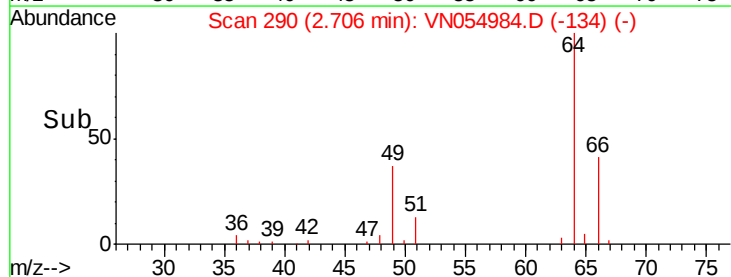
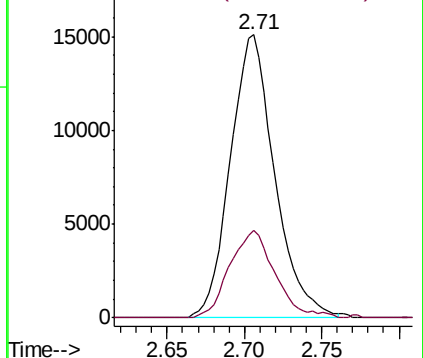
64 100

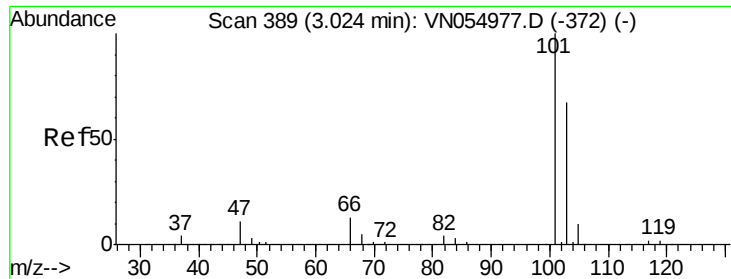
66 30.8 25.7 38.5



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



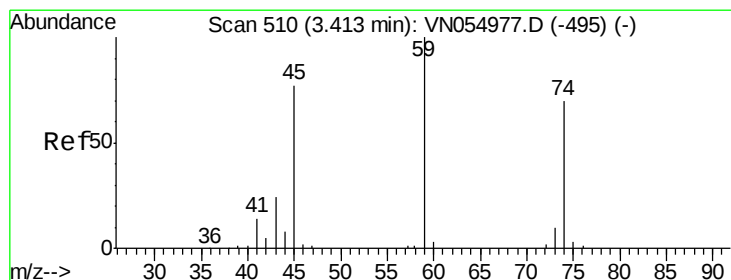
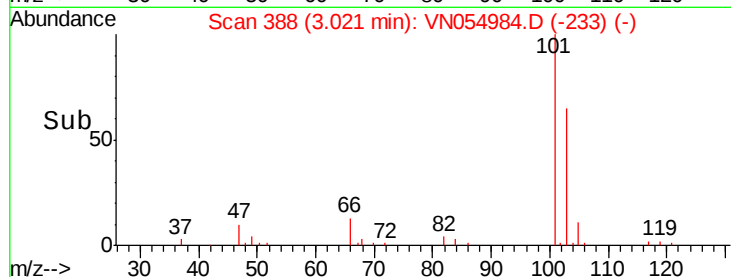
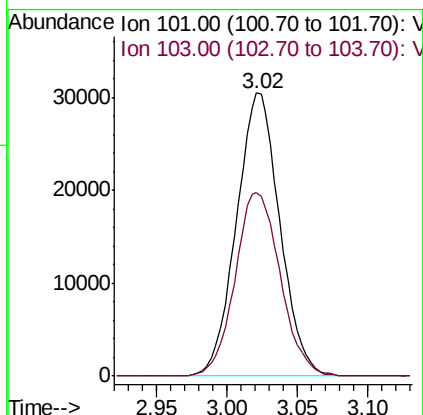
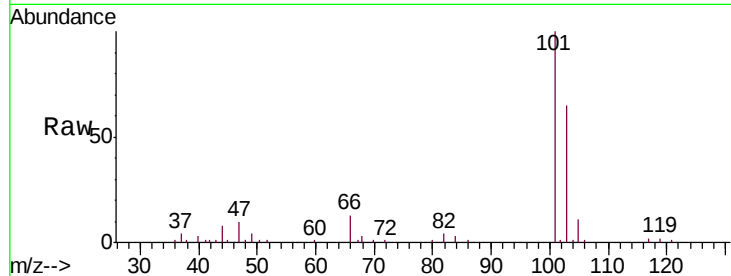


#7

Trichlorofluoromethane
 Concen: 10.581 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

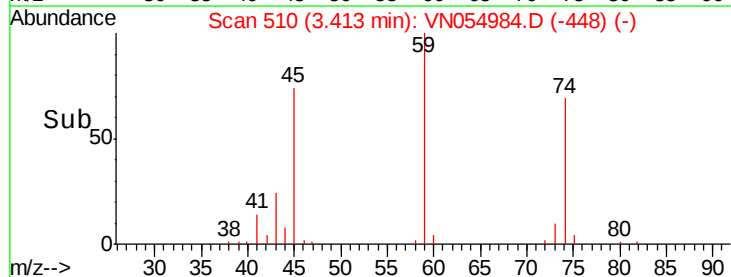
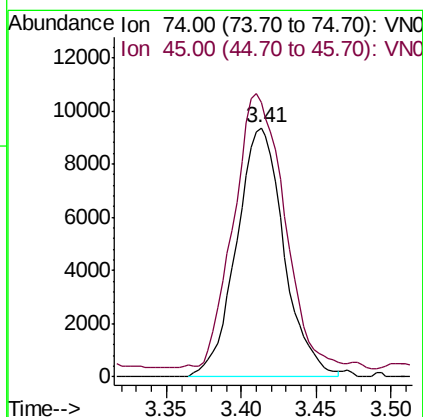
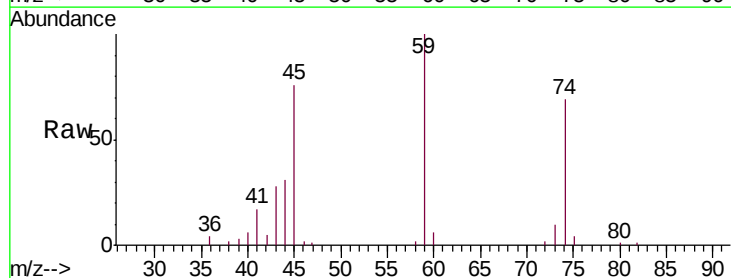
Tgt Ion: 101 Resp: 65696
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.4 80.0

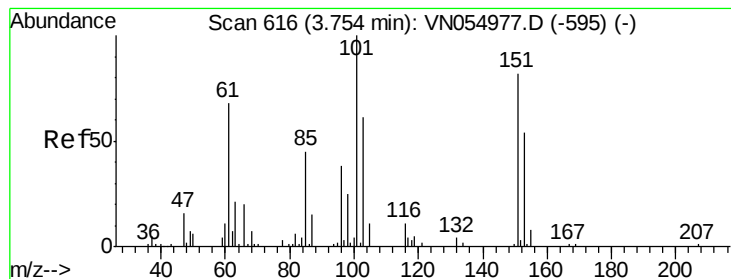


#8

Diethyl Ether
 Concen: 10.361 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

Tgt Ion: 74 Resp: 20654
 Ion Ratio Lower Upper
 74 100
 45 117.3 22.9 205.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.805 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

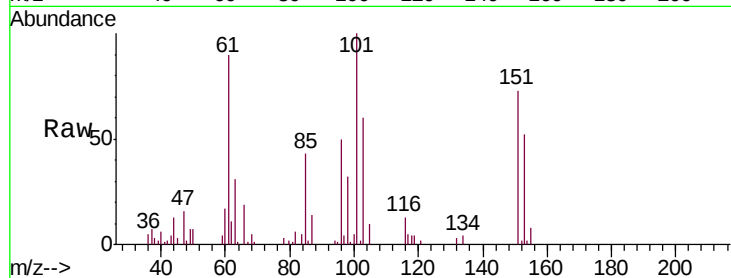
Tgt Ion:101 Resp: 36672

Ion Ratio Lower Upper

101 100

85 43.8 0.0 91.4

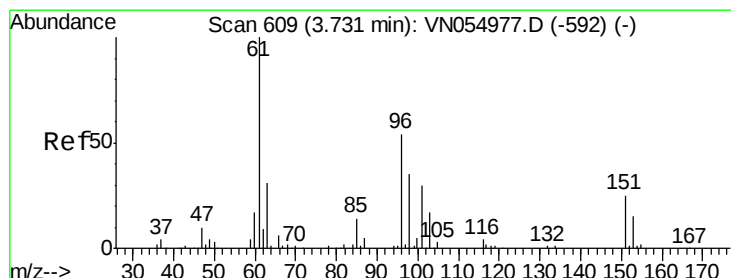
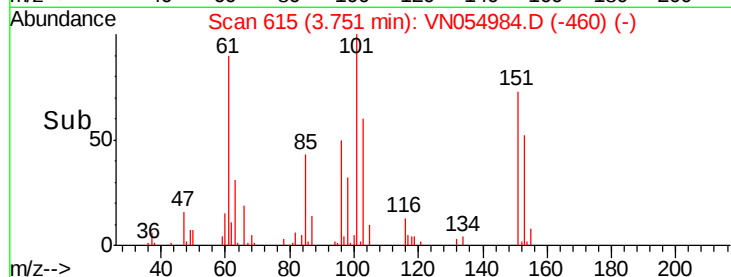
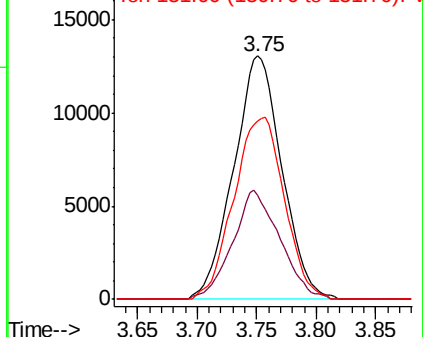
151 78.1 0.0 165.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 10.988 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

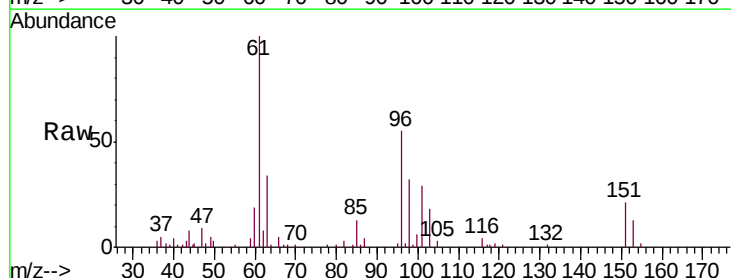
Tgt Ion: 96 Resp: 34478

Ion Ratio Lower Upper

96 100

61 180.6 148.4 222.6

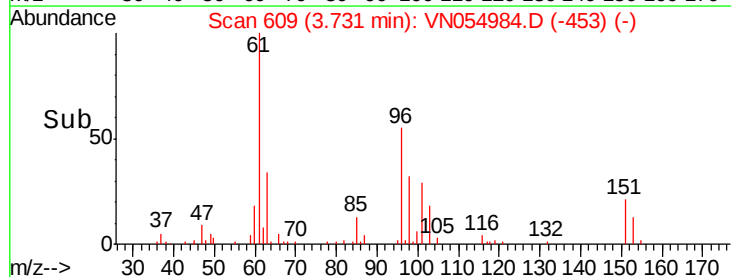
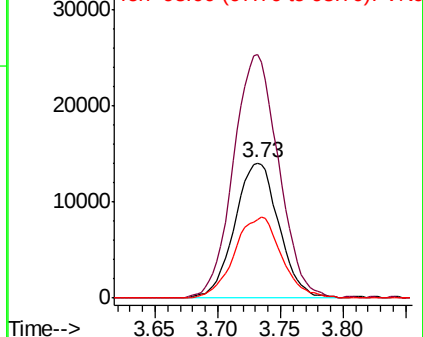
98 58.3 52.2 78.2

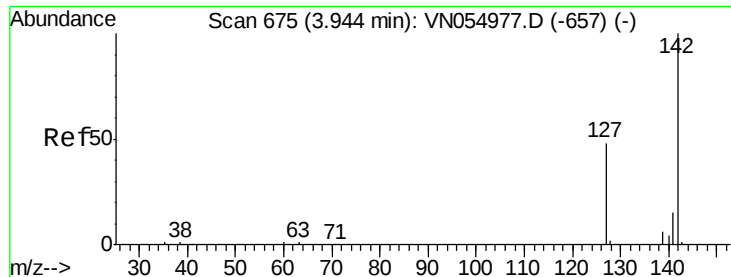


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

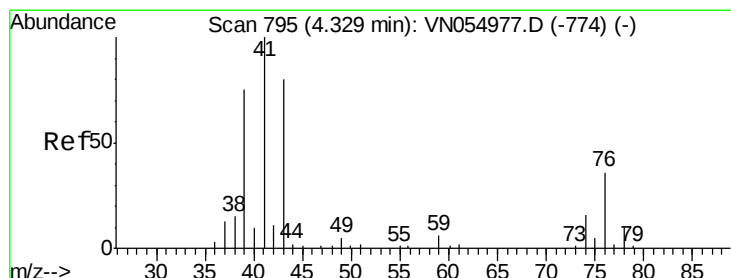
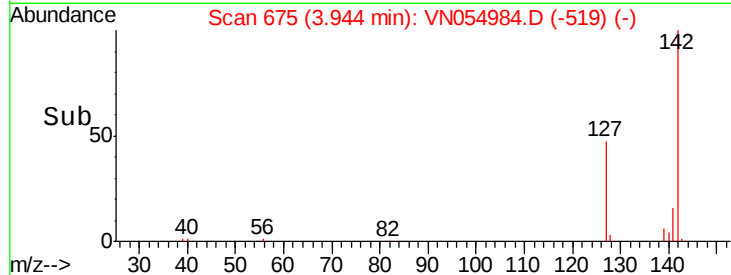
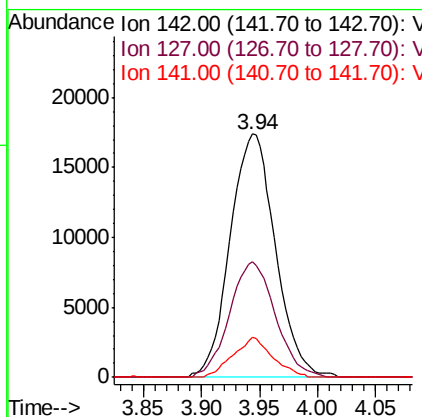
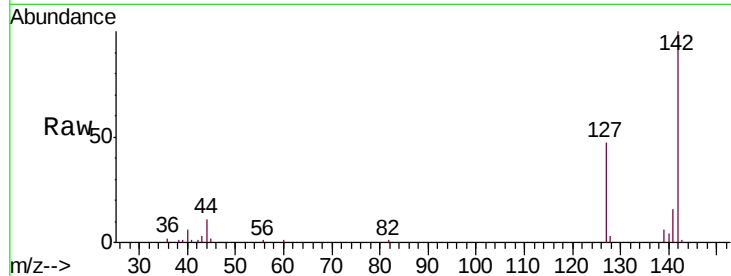




#11
Methyl Iodide
Concen: 9.912 ug/l
RT: 3.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

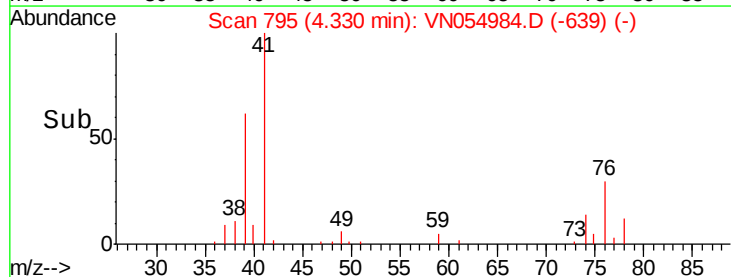
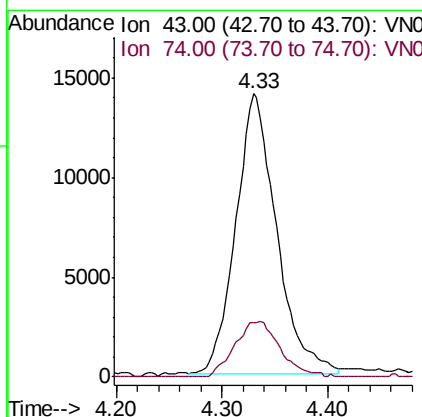
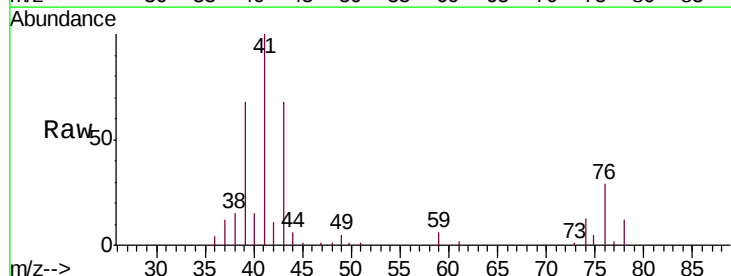
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

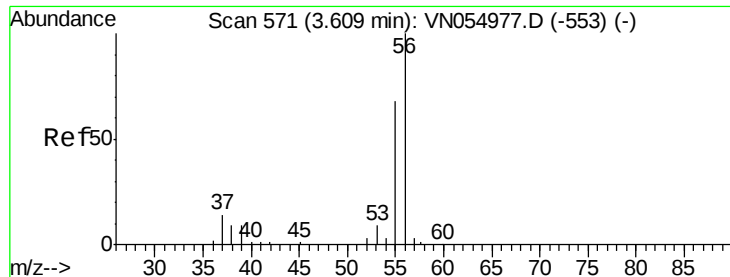
Tgt Ion: 142 Resp: 47070
Ion Ratio Lower Upper
142 100
127 47.3 23.8 71.5
141 16.4 7.3 22.0



#12
Methyl Acetate
Concen: 9.740 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

Tgt Ion: 43 Resp: 37592
Ion Ratio Lower Upper
43 100
74 19.8 16.2 24.4





#13

Acrolein

Concen: 59.057 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.01 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

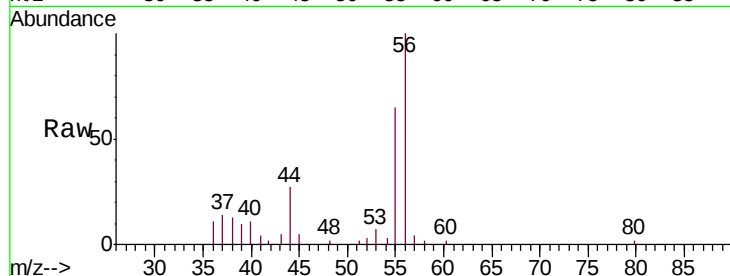
LOQ-WATER-02-QT2-2019

Tgt Ion: 56 Resp: 19977

Ion Ratio Lower Upper

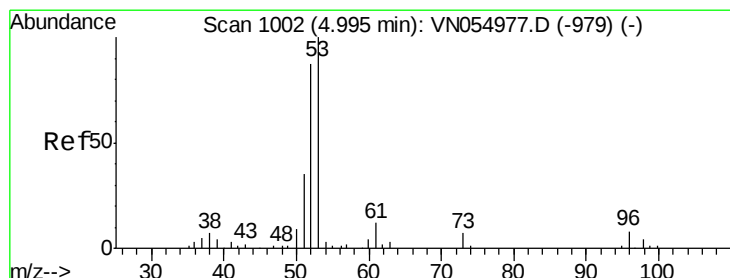
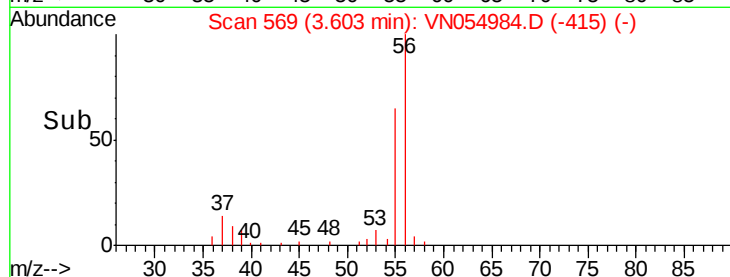
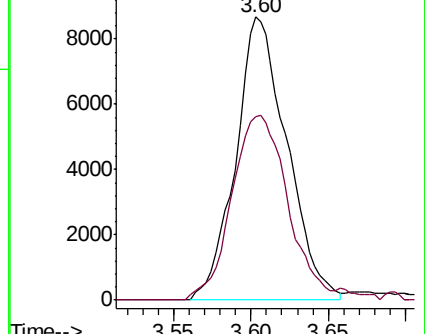
56 100

55 70.8 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Acrylonitrile

Concen: 50.826 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

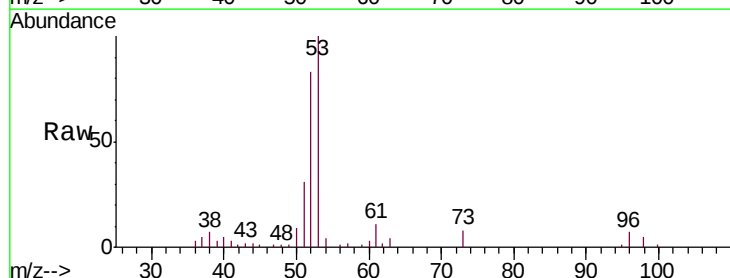
Tgt Ion: 53 Resp: 80370

Ion Ratio Lower Upper

53 100

52 84.9 42.3 126.8

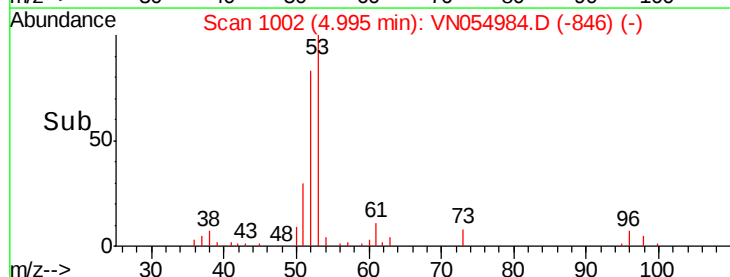
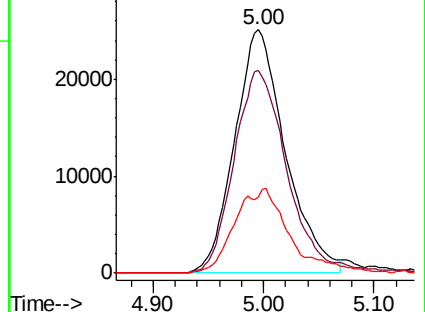
51 15.2 18.6 56.0#

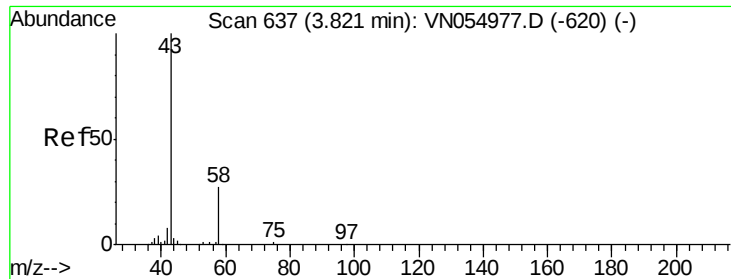


Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0





#15

Acetone

Concen: 44.498 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

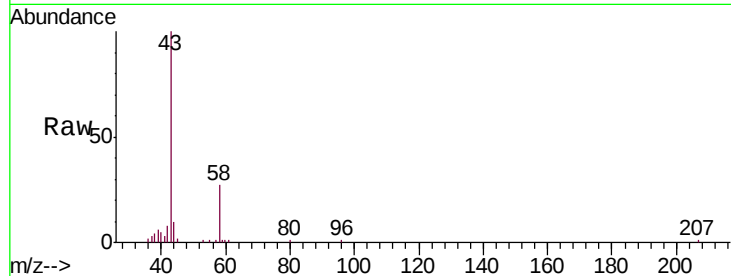
LOQ-WATER-02-QT2-2019

Tgt Ion: 58 Resp: 17412

Ion Ratio Lower Upper

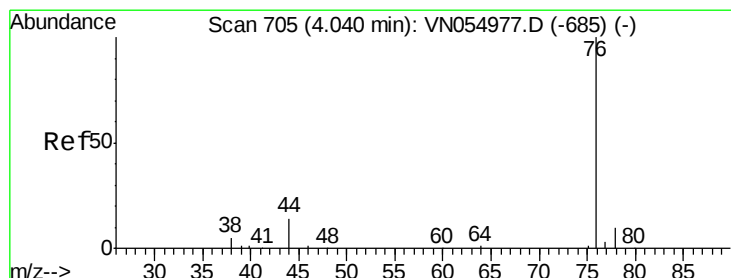
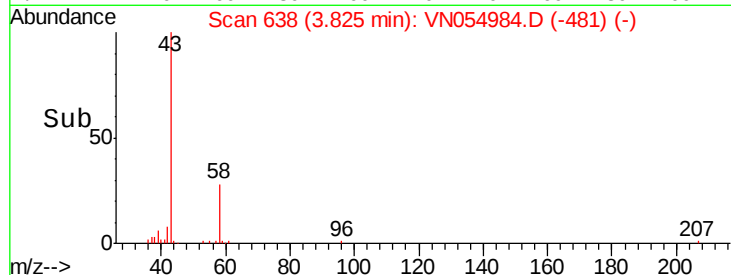
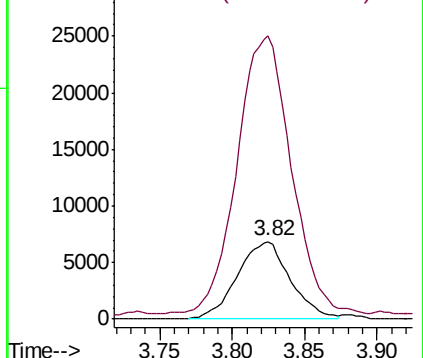
58 100

43 353.2 297.2 445.8



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 10.063 ug/l

RT: 4.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN054984.D

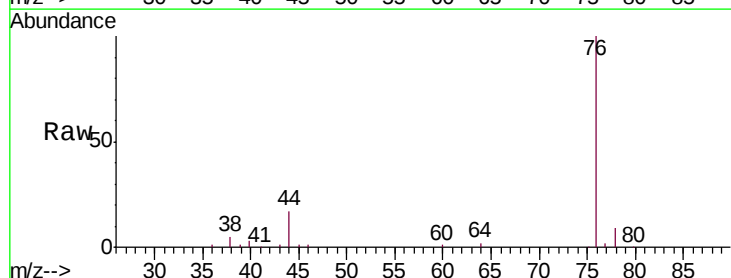
Acq: 11 Apr 2019 18:30

Tgt Ion: 76 Resp: 105914

Ion Ratio Lower Upper

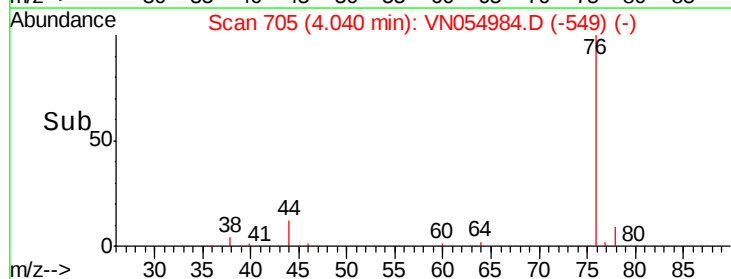
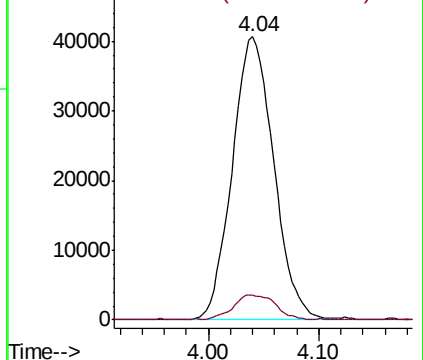
76 100

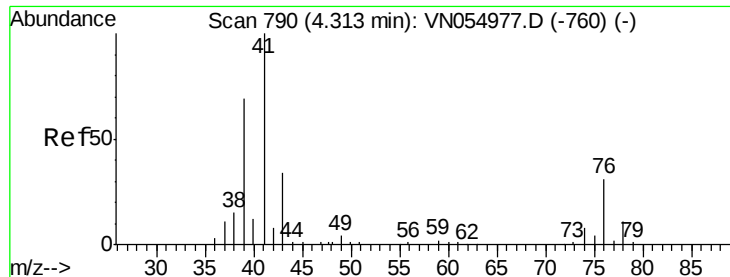
78 8.6 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





#17

Allyl chloride

Concen: 10.209 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

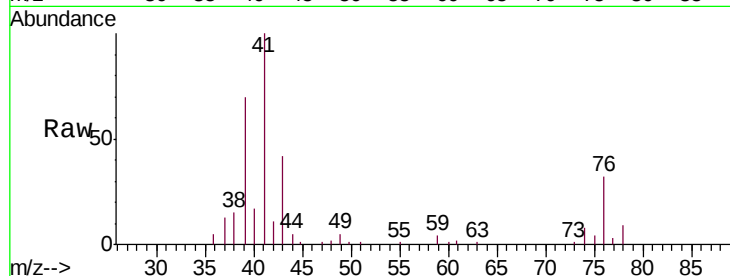
Tgt Ion: 41 Resp: 78894

Ion Ratio Lower Upper

41 100

39 69.4 34.3 102.9

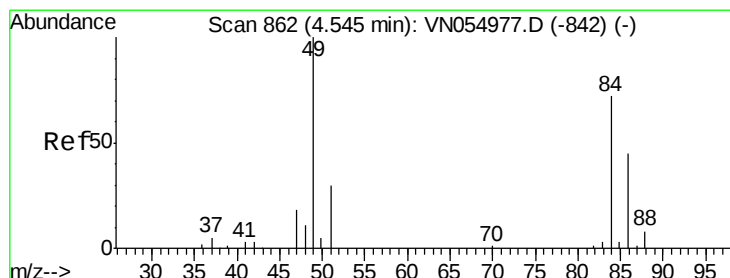
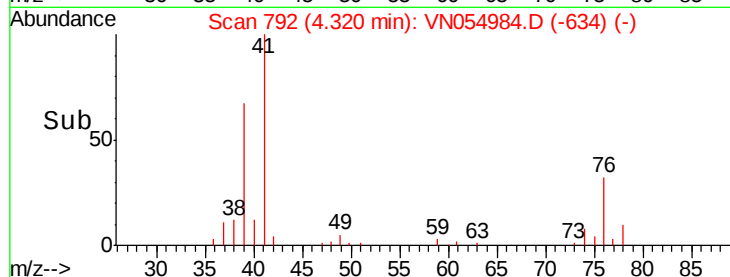
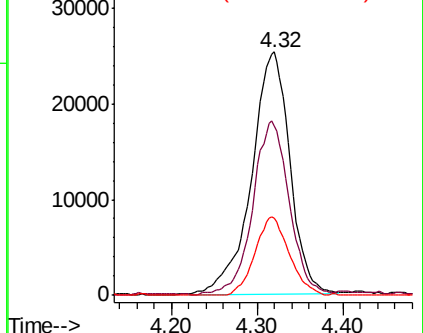
76 31.9 15.8 47.3



Abundance Ion 41.00 (40.70 to 41.70): VN054977.D (-760) (-)

Ion 39.00 (38.70 to 39.70): VN054977.D (-760) (-)

Ion 76.00 (75.70 to 76.70): VN054977.D (-760) (-)



#18

Methylene Chloride

Concen: 11.093 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Tgt Ion: 84 Resp: 51453

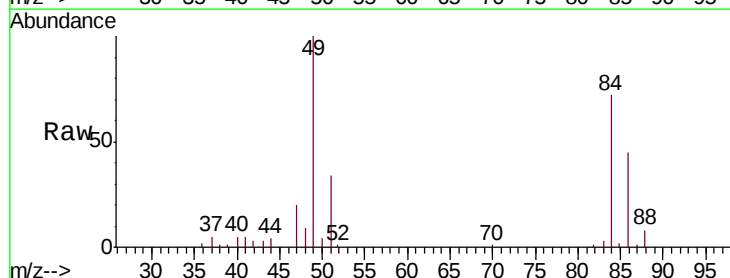
Ion Ratio Lower Upper

84 100

49 137.5 111.0 166.4

51 47.4 33.4 50.2

86 62.4 49.5 74.3

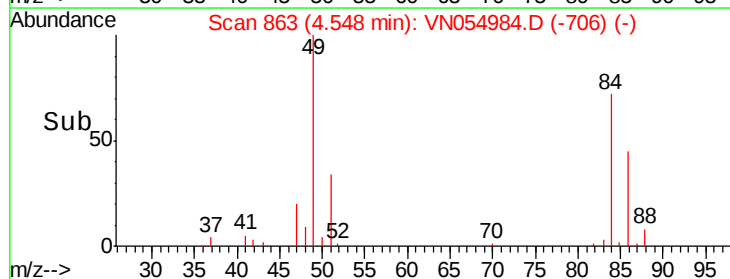
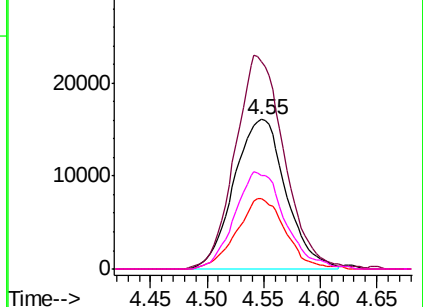


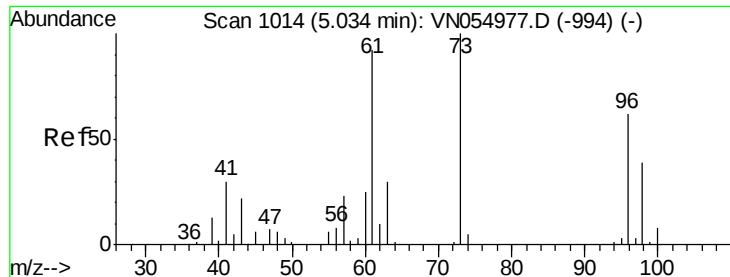
Abundance Ion 84.00 (83.70 to 84.70): VN054977.D (-842) (-)

Ion 49.00 (48.70 to 49.70): VN054977.D (-842) (-)

Ion 51.00 (50.70 to 51.70): VN054977.D (-842) (-)

Ion 86.00 (85.70 to 86.70): VN054977.D (-842) (-)

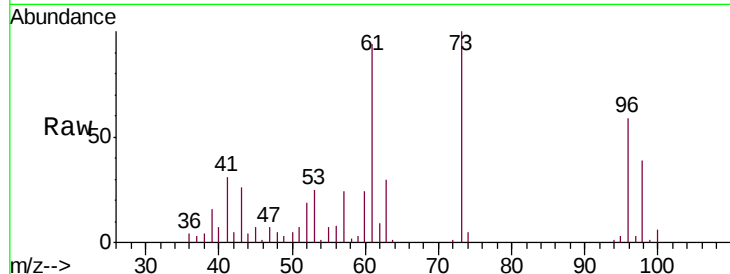




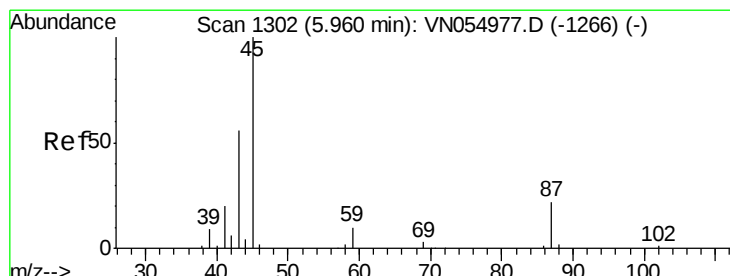
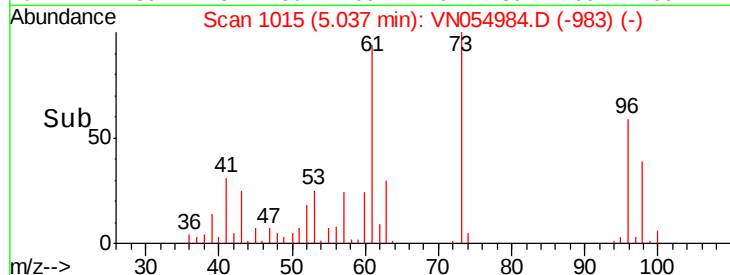
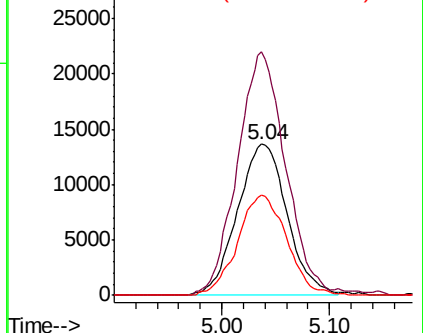
#19
trans-1,2-Dichloroethene
Concen: 10.694 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tgt Ion: 96 Resp: 43684
Ion Ratio Lower Upper
96 100
61 161.1 117.2 175.8
98 66.2 49.4 74.2

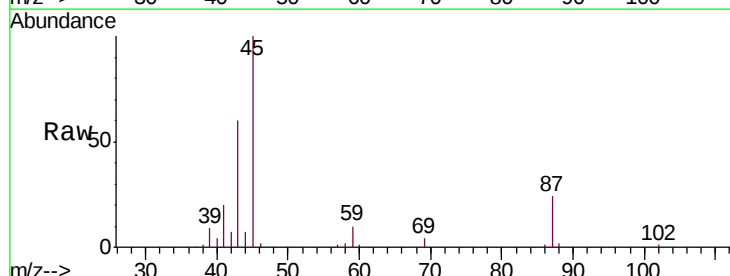


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

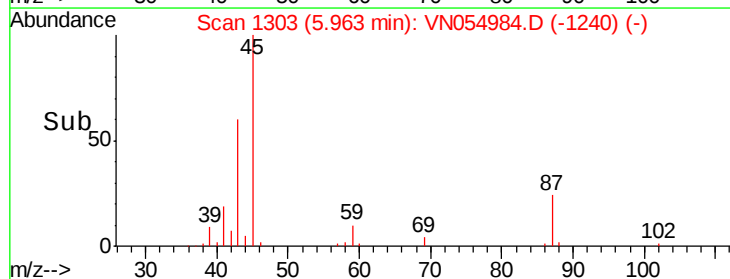
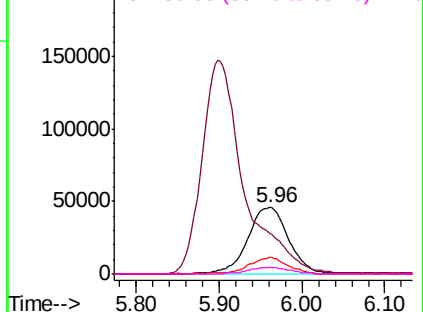


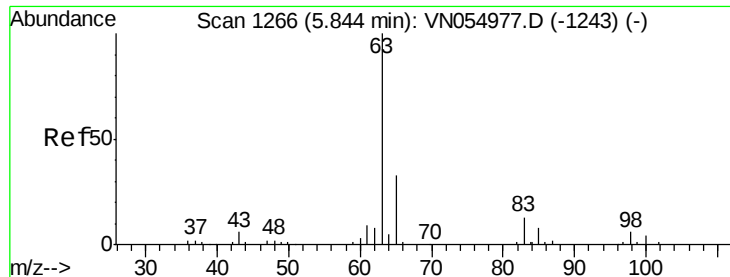
#20
Diisopropyl ether
Concen: 10.006 ug/l
RT: 5.96 min Scan# 1303
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

Tgt Ion: 45 Resp: 156643
Ion Ratio Lower Upper
45 100
43 57.7 45.8 68.8
87 23.9 18.2 27.4
59 10.3 8.2 12.2



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

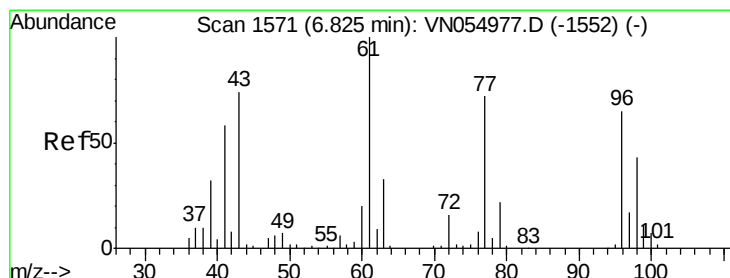
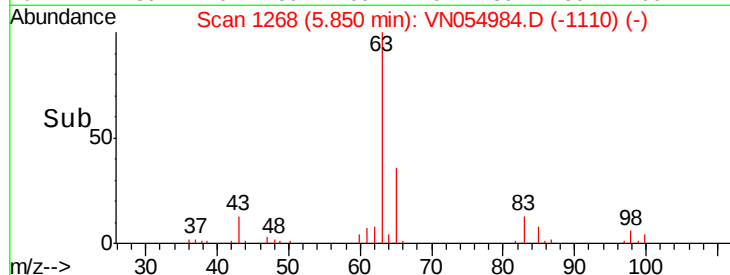
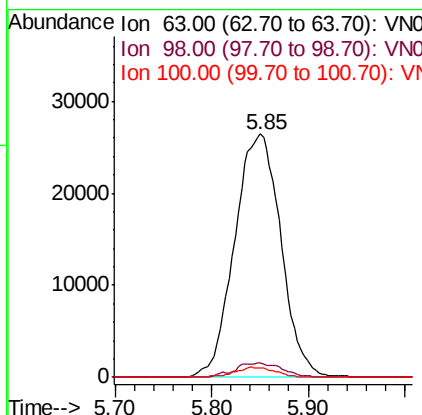
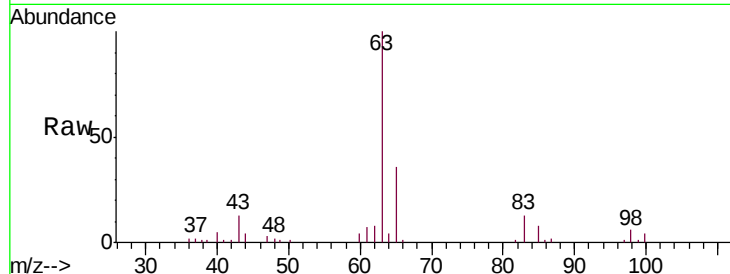




#21
 1,1-Dichloroethane
 Concen: 10.501 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

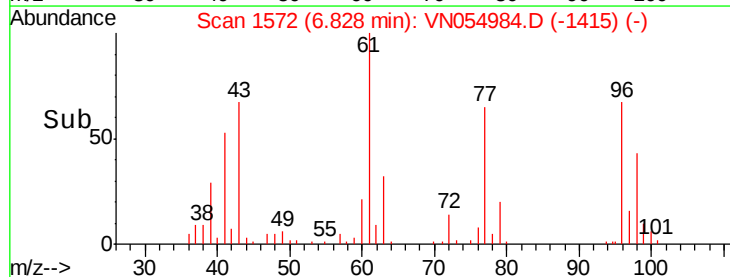
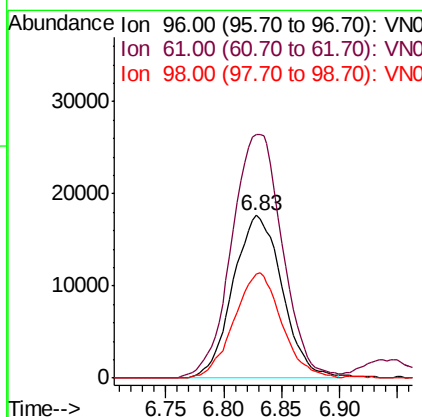
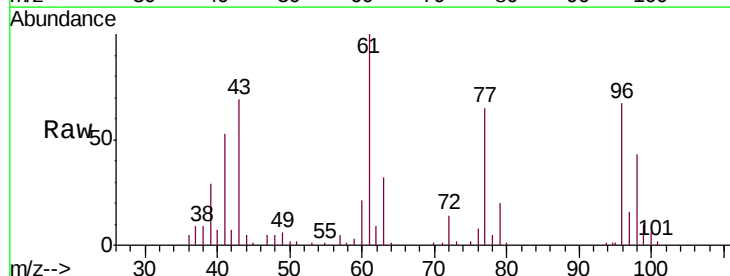
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

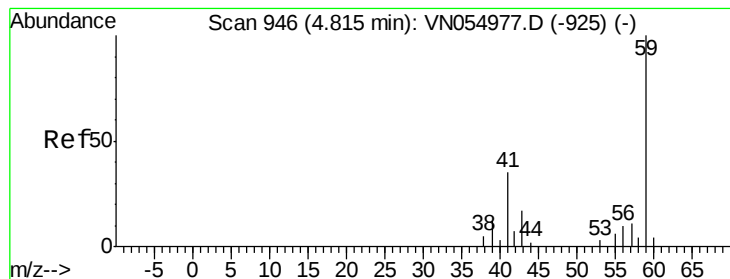
Tgt Ion: 63 Resp: 87807
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.7
 100 3.9 2.0 5.8



#22
 cis-1,2-Dichloroethene
 Concen: 10.973 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

Tgt Ion: 96 Resp: 52101
 Ion Ratio Lower Upper
 96 100
 61 154.3 125.0 187.6
 98 62.8 52.2 78.2



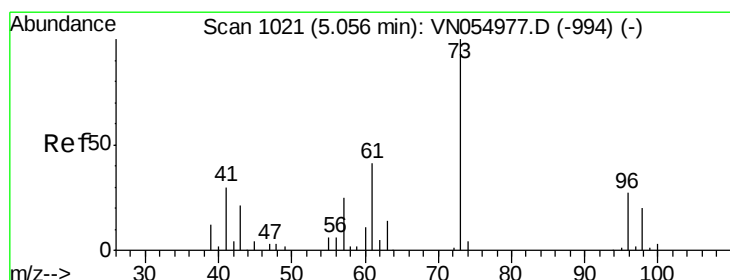
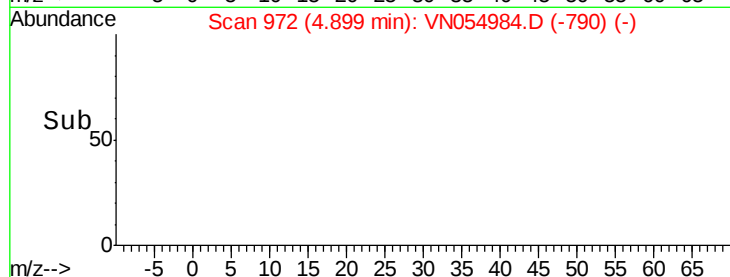
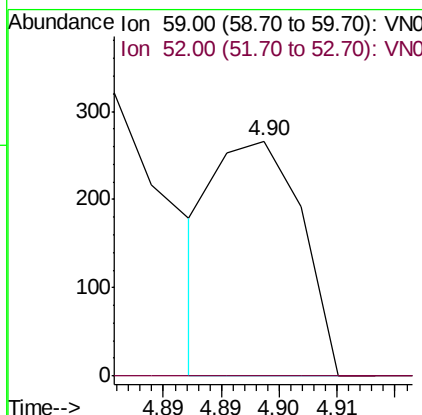
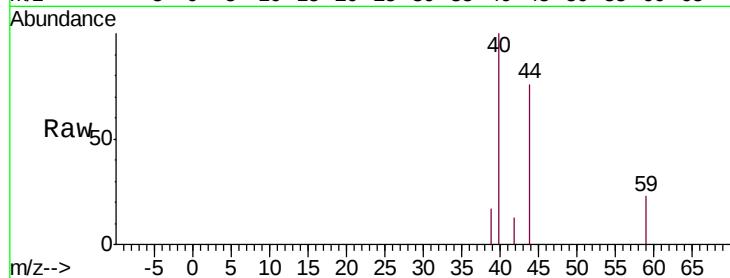


#23

tert-Butyl Alcohol
 Concen: 0.543 ug/l
 RT: 4.90 min Scan# 972
 Delta R.T. 0.08 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

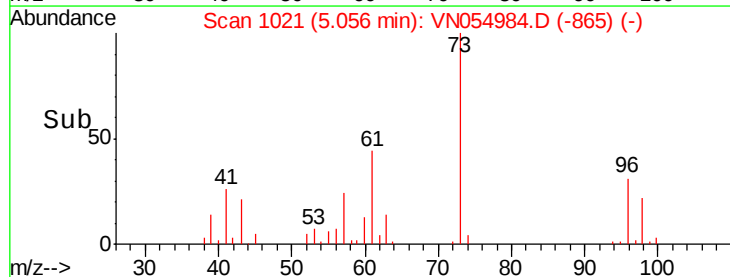
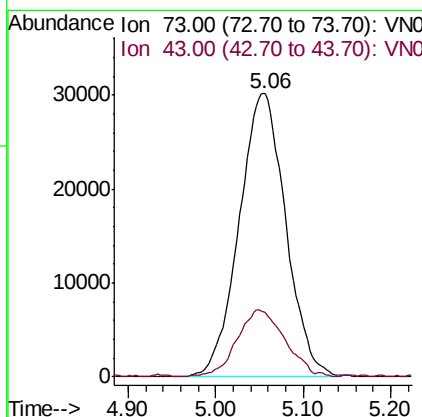
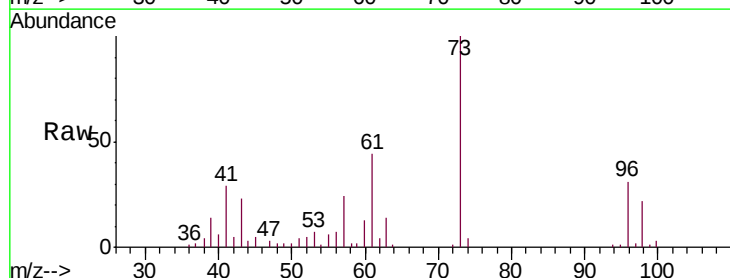
Tgt Ion: 59 Resp: 137
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

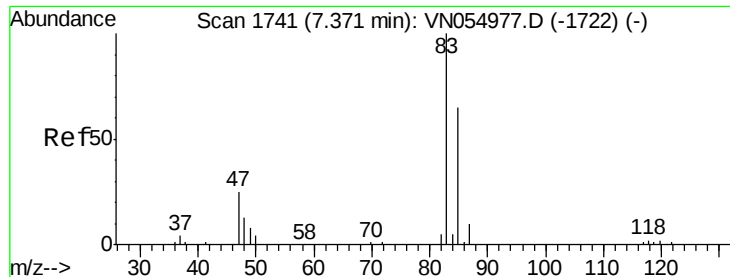


#24

Methyl tert-Butyl Ether
 Concen: 10.585 ug/l
 RT: 5.06 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

Tgt Ion: 73 Resp: 111534
 Ion Ratio Lower Upper
 73 100
 43 24.2 8.0 12.0#





#25

Chloroform

Concen: 10.398 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

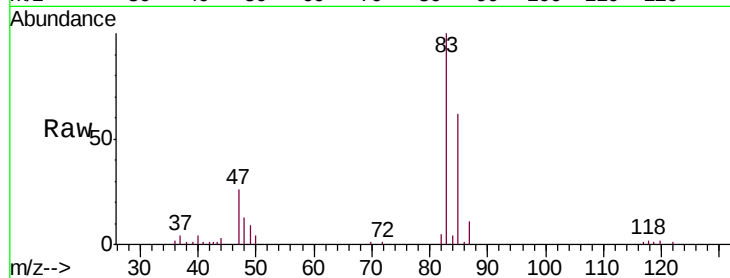
LOQ-WATER-02-QT2-2019

Tgt Ion: 83 Resp: 83279

Ion Ratio Lower Upper

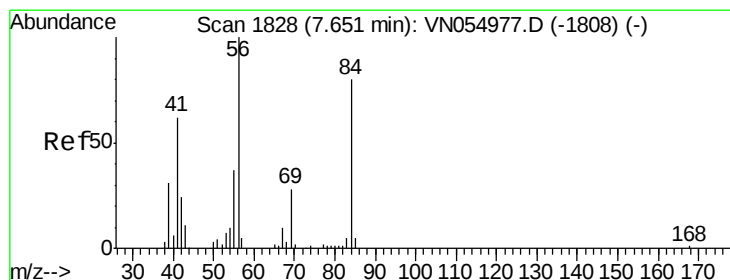
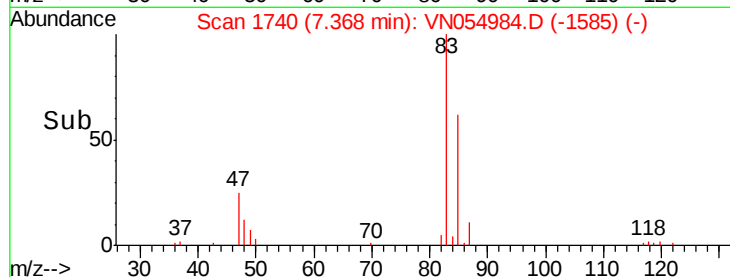
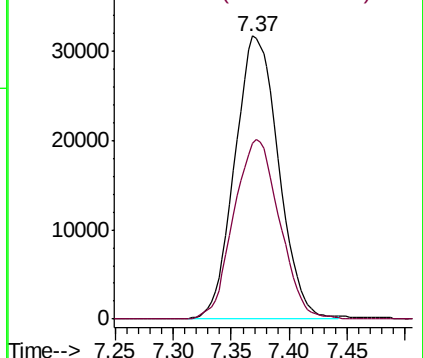
83 100

85 61.9 51.8 77.8



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#26

Cyclohexane

Concen: 10.469 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

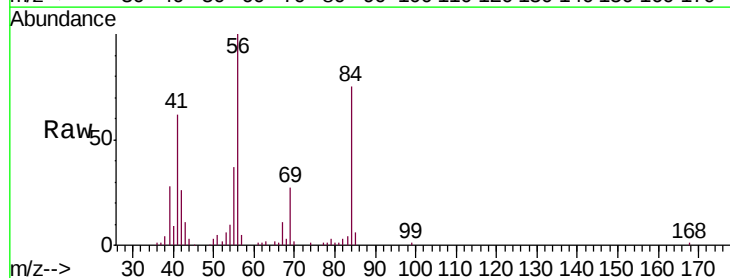
Tgt Ion: 56 Resp: 81218

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

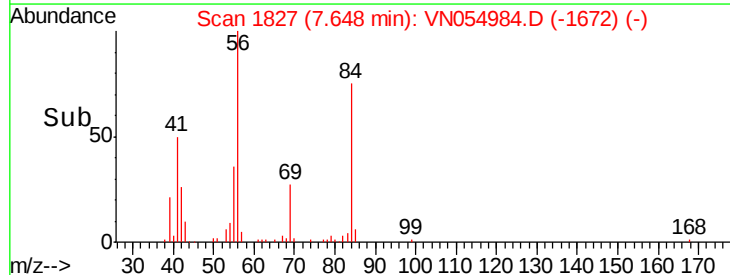
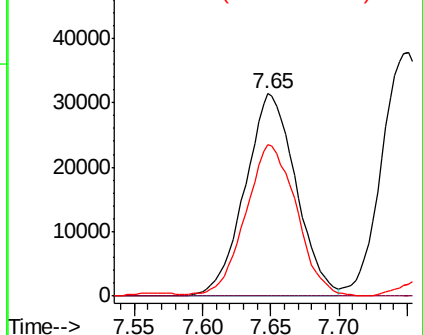
84 75.2 63.5 95.3

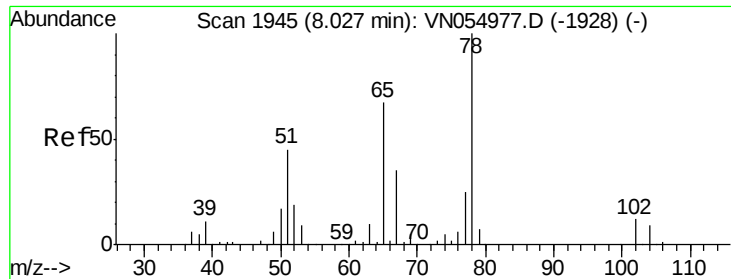


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 89.00 (88.70 to 89.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

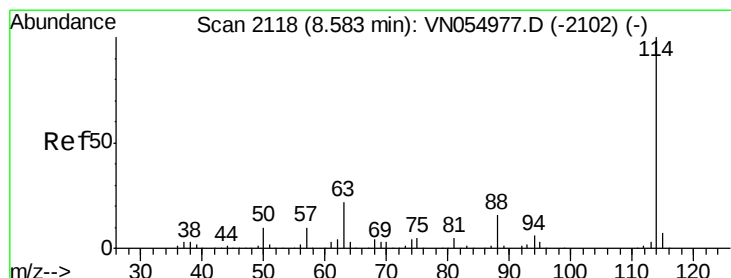
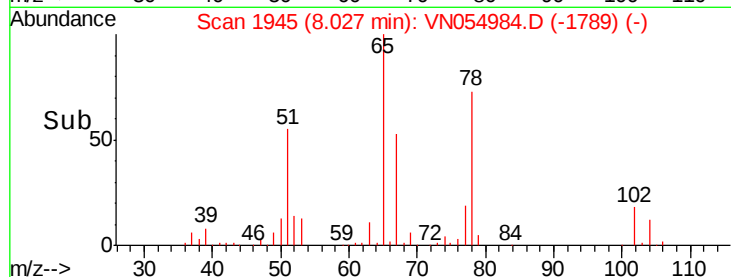
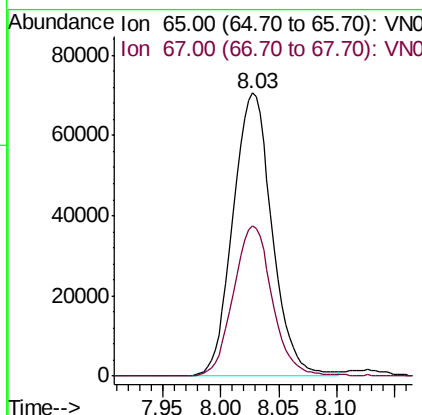
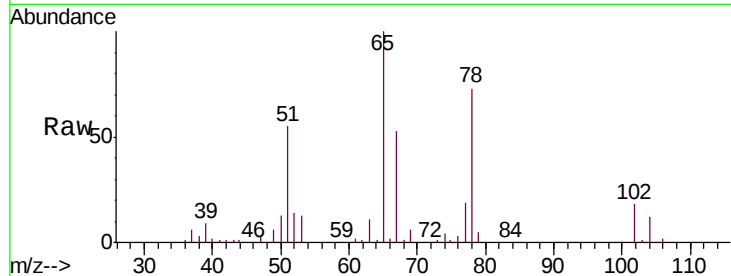




#27
 1,2-Dichloroethane-d4
 Concen: 10.469 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

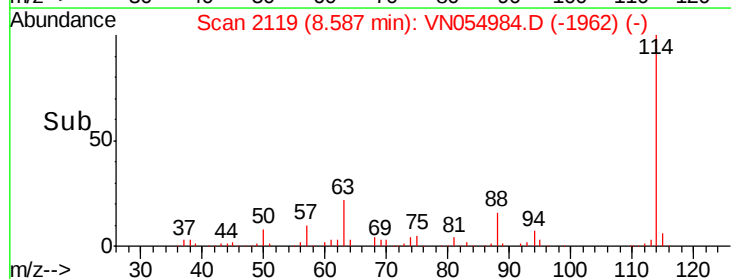
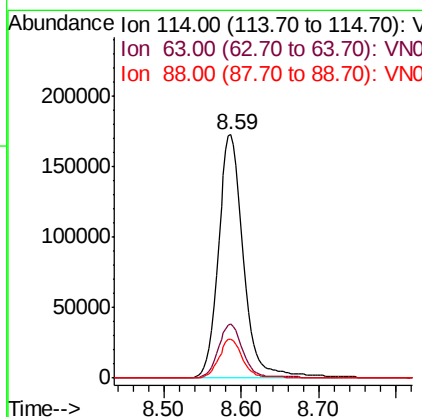
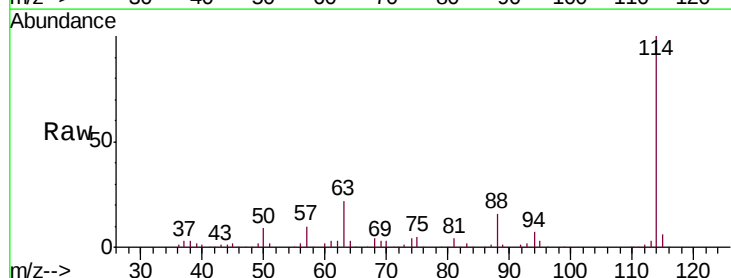
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

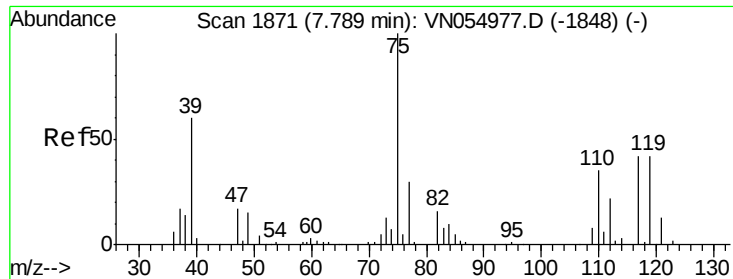
Tgt Ion: 65 Resp: 165351
 Ion Ratio Lower Upper
 65 100
 67 52.4 41.8 62.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

Tgt Ion: 114 Resp: 390590
 Ion Ratio Lower Upper
 114 100
 63 21.7 17.0 25.4
 88 15.0 12.3 18.5

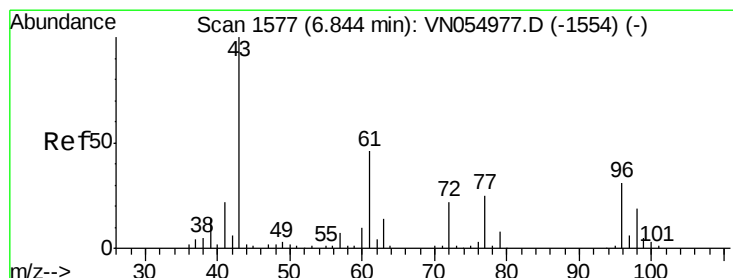
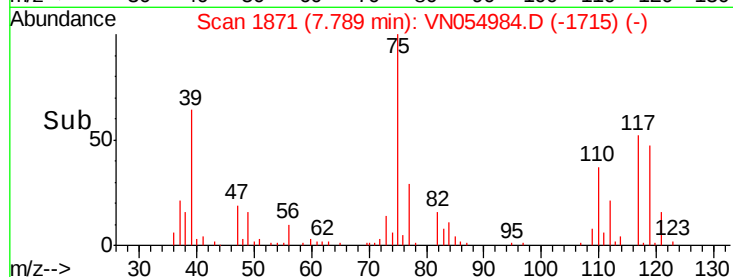
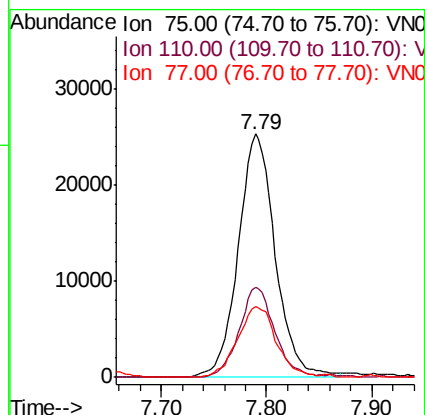
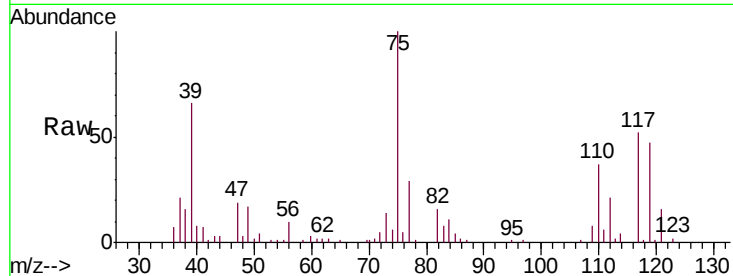




#29
 1,1-Dichloropropene
 Concen: 10.164 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

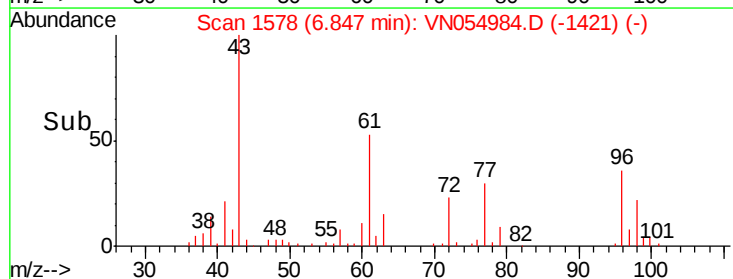
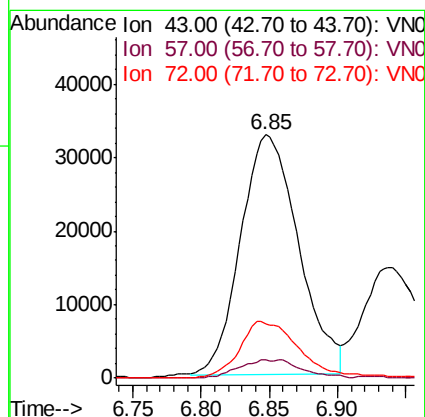
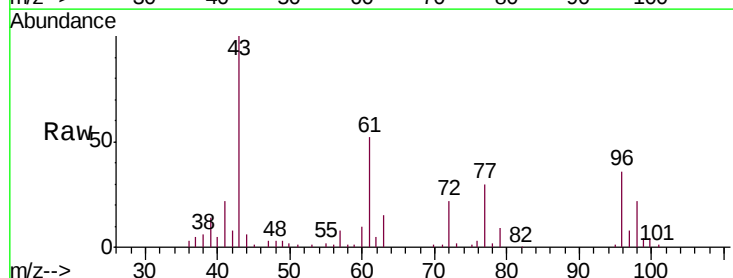
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

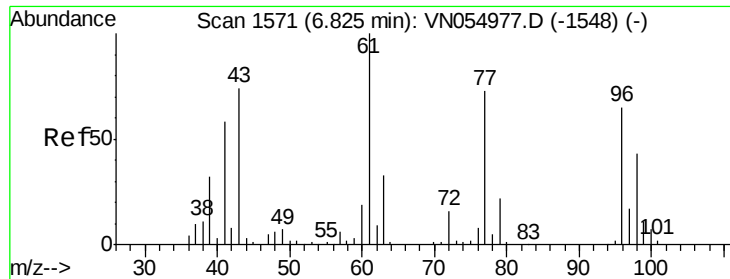
Tgt Ion: 75 Resp: 61826
 Ion Ratio Lower Upper
 75 100
 110 35.6 0.0 68.4
 77 30.4 0.0 58.6



#30
 2-Butanone
 Concen: 47.770 ug/l
 RT: 6.85 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

Tgt Ion: 43 Resp: 96458
 Ion Ratio Lower Upper
 43 100
 57 4.2 6.0 9.0#
 72 24.2 18.6 27.8

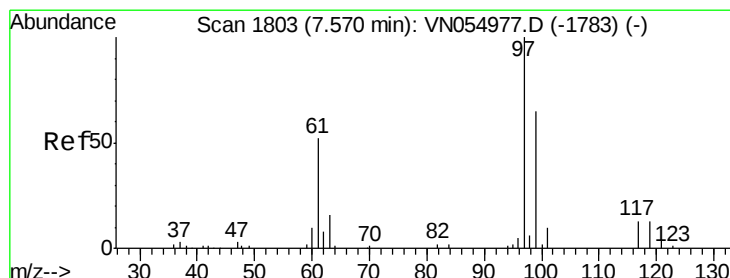
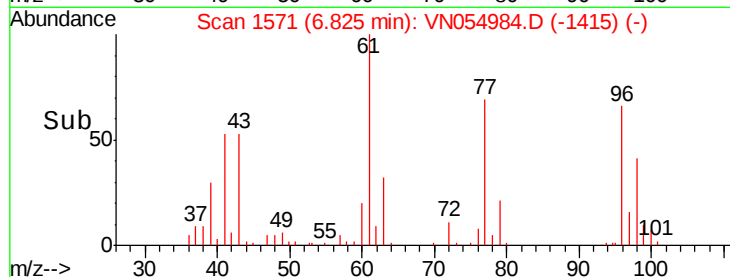
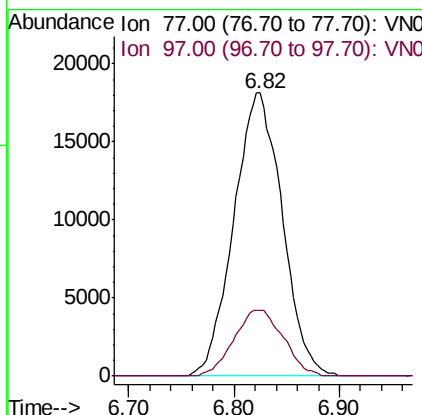
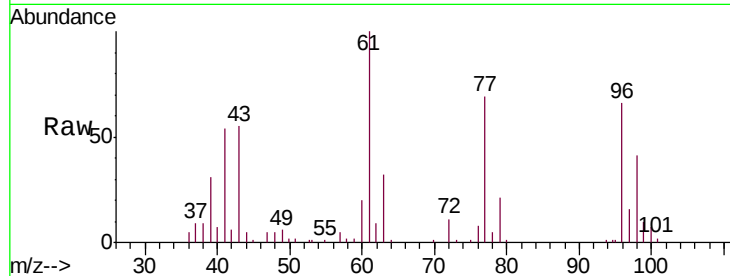




#31
 2,2-Dichloropropane
 Concen: 10.319 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

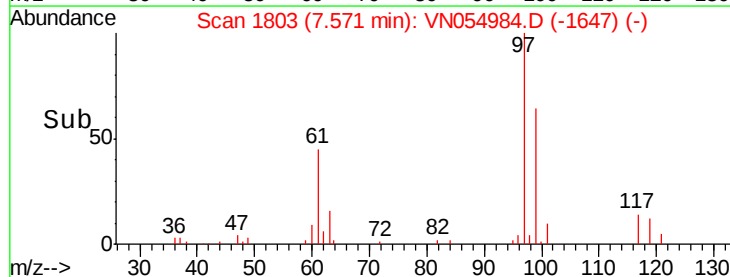
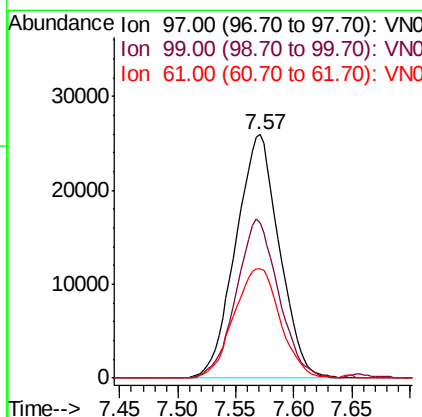
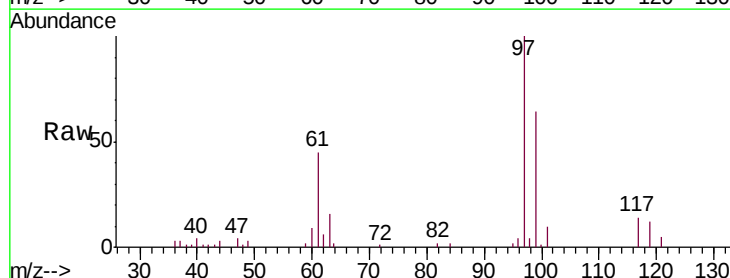
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

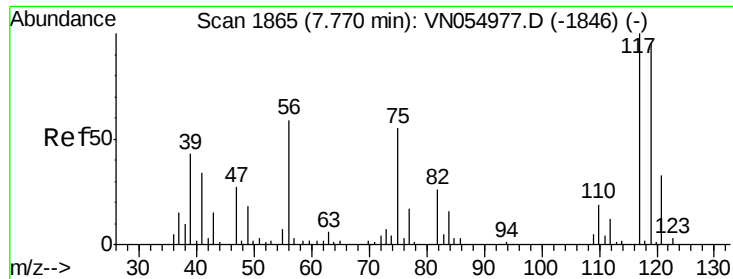
Tgt Ion: 77 Resp: 57774
 Ion Ratio Lower Upper
 77 100
 97 13.1 0.0 0.0#



#32
 1,1,1-Trichloroethane
 Concen: 10.568 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

Tgt Ion: 97 Resp: 67947
 Ion Ratio Lower Upper
 97 100
 99 63.0 51.2 76.8
 61 47.6 40.6 60.8

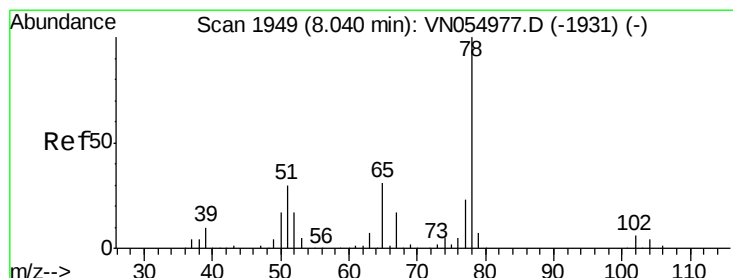
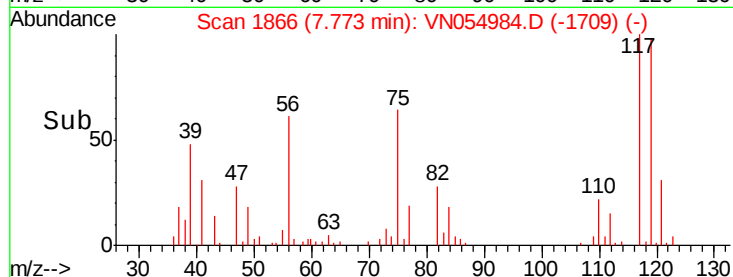
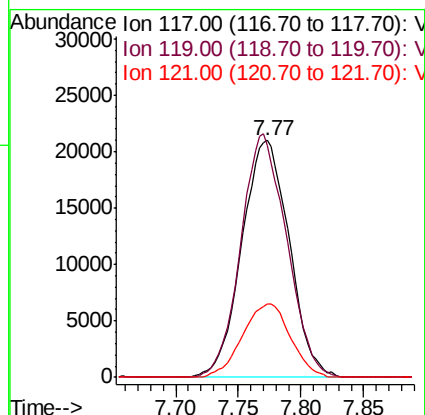
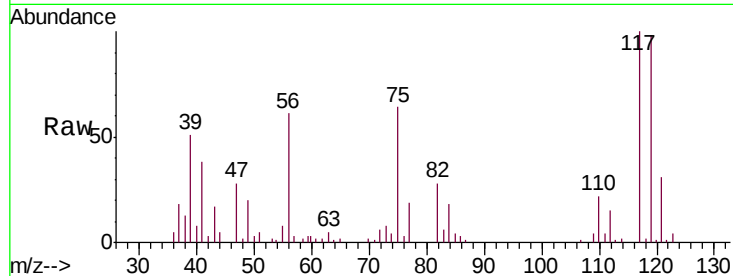




#33
Carbon Tetrachloride
Concen: 9.921 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

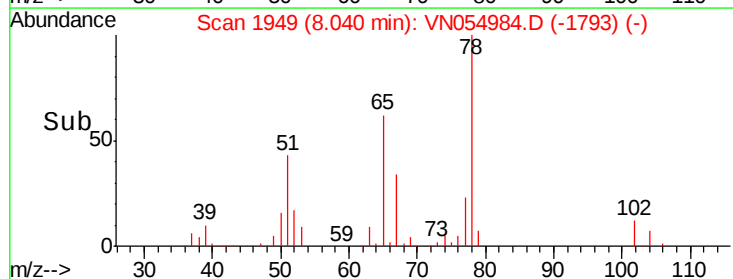
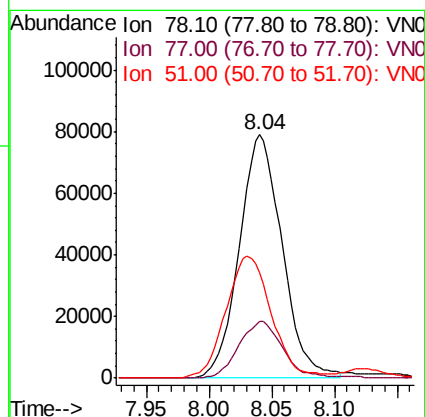
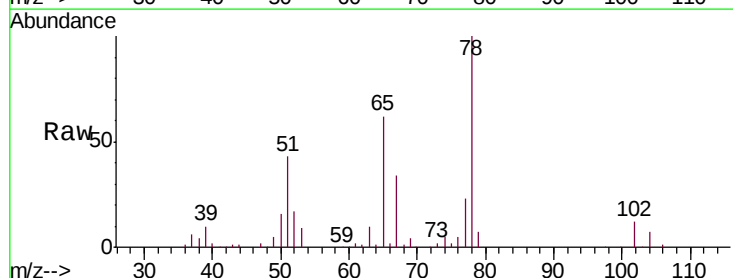
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

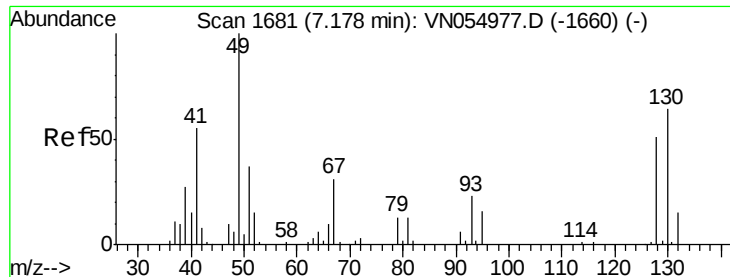
Tgt Ion:117 Resp: 55228
Ion Ratio Lower Upper
117 100
119 98.1 76.1 114.1
121 31.7 26.2 39.4



#34
Benzene
Concen: 10.417 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

Tgt Ion: 78 Resp: 187774
Ion Ratio Lower Upper
78 100
77 23.5 18.2 27.4
51 42.4 23.7 35.5#

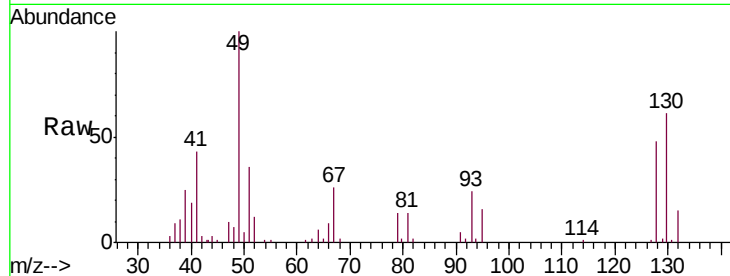




#35
Methacrylonitrile
Concen: 8.179 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tgt Ion:	41	Resp:	19466
Ion	Ratio	Lower	Upper
41	100		
39	59.0	24.2	72.6
67	60.4	28.1	84.2
52	28.3	13.3	39.8



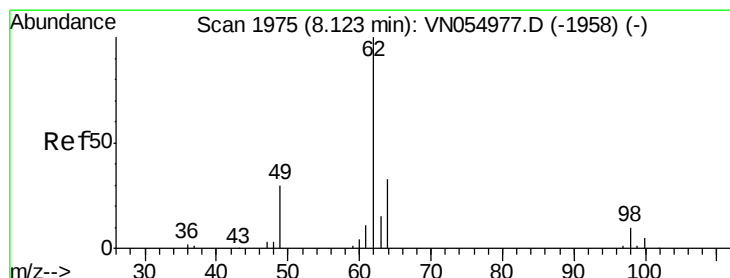
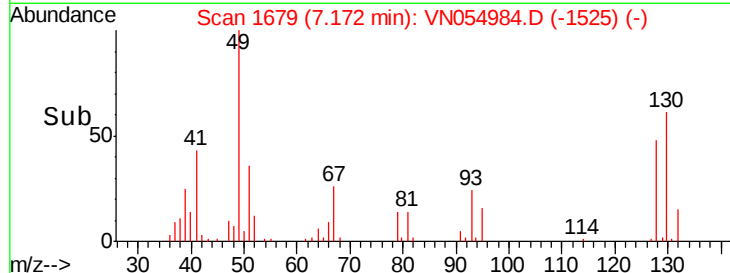
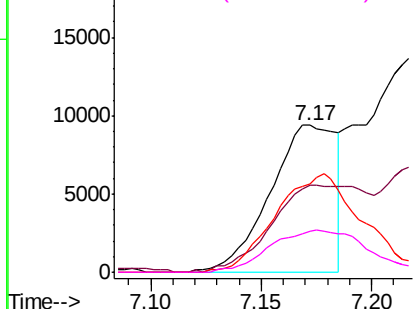
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

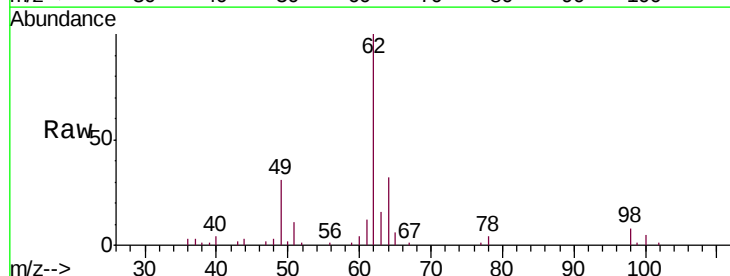
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#36
1,2-Dichloroethane
Concen: 10.461 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

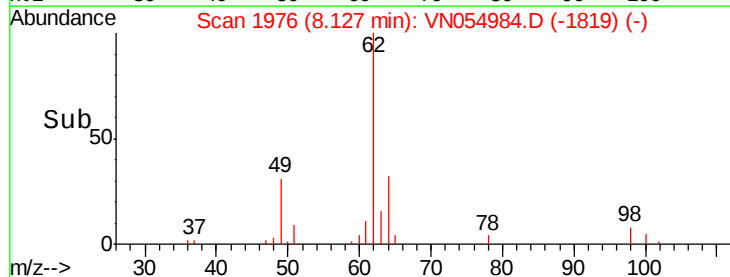
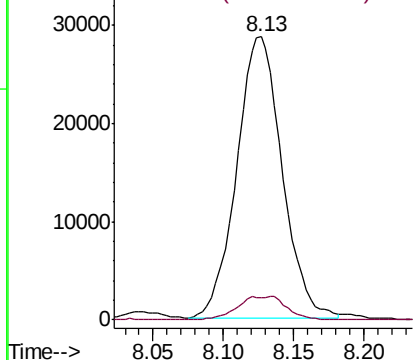
Tgt Ion:	62	Resp:	64448
Ion	Ratio	Lower	Upper
62	100		
98	4.8	6.9	10.3#

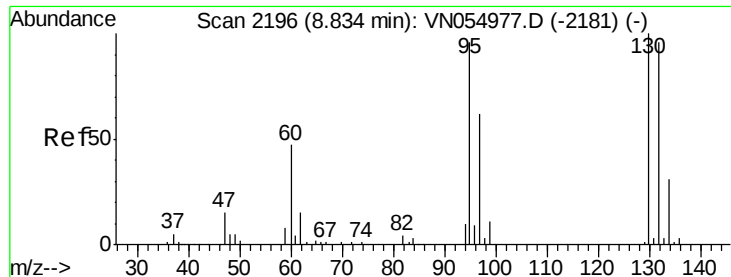


Abundance

Ion 62.00 (61.70 to 62.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

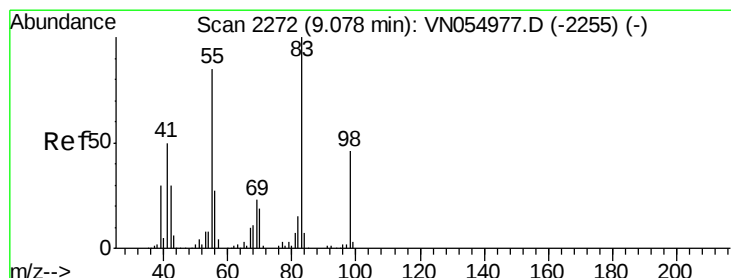
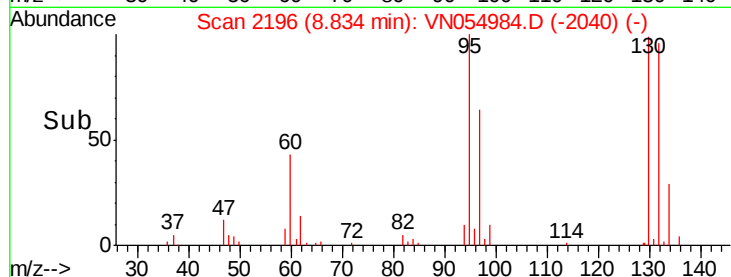
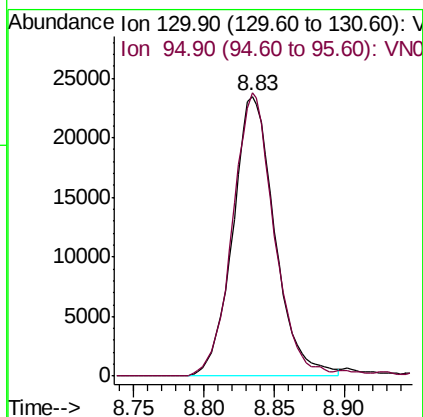
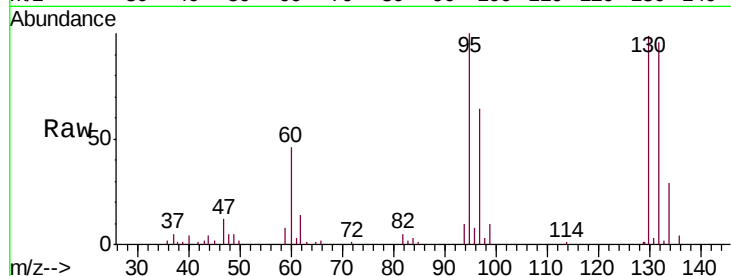




#37
 Trichloroethene
 Concen: 10.635 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

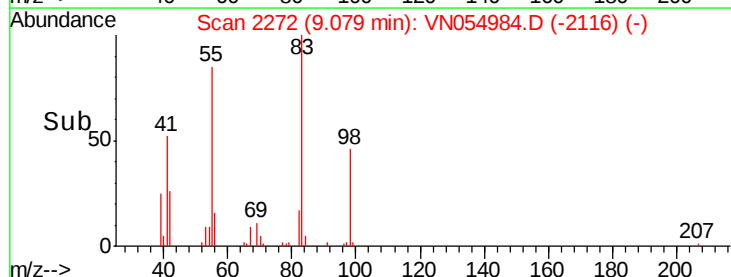
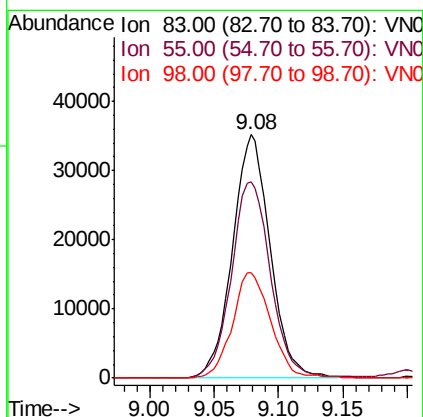
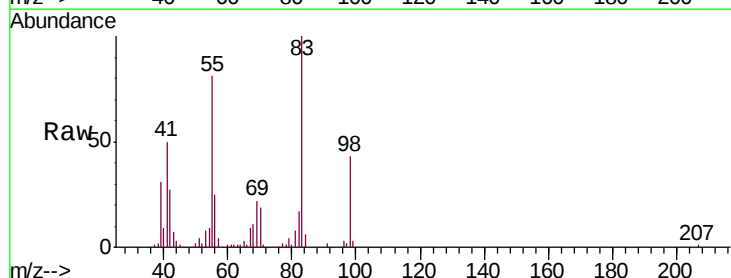
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

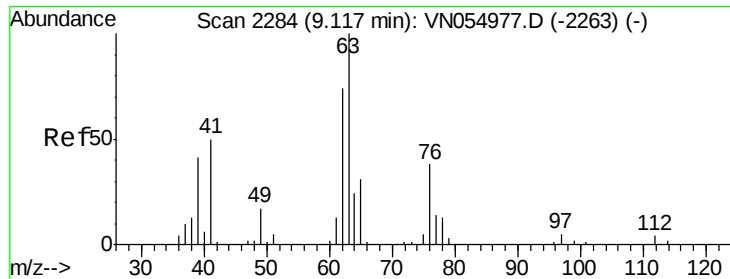
Tgt Ion: 130 Resp: 48873
 Ion Ratio Lower Upper
 130 100
 95 101.2 76.6 115.0



#38
 Methylcyclohexane
 Concen: 10.126 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

Tgt Ion: 83 Resp: 71433
 Ion Ratio Lower Upper
 83 100
 55 84.0 41.9 125.6
 98 43.8 22.4 67.0

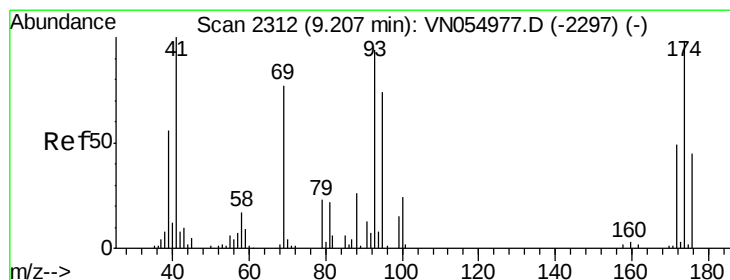
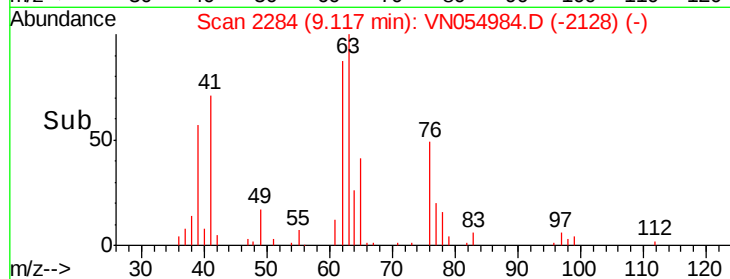
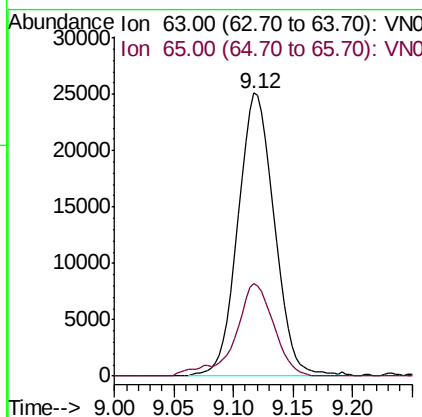
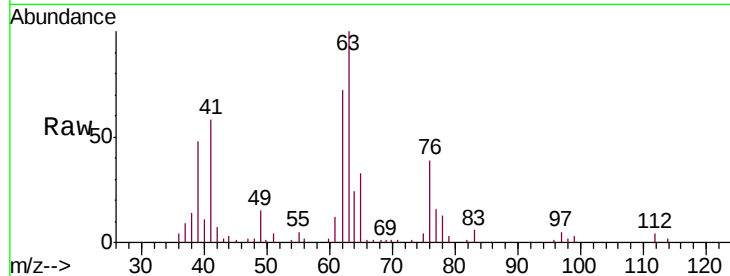




#39
 1,2-Dichloropropane
 Concen: 10.711 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

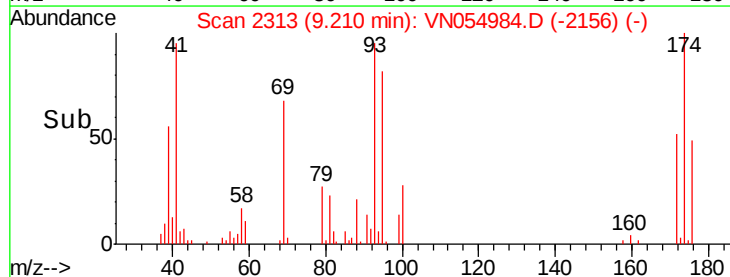
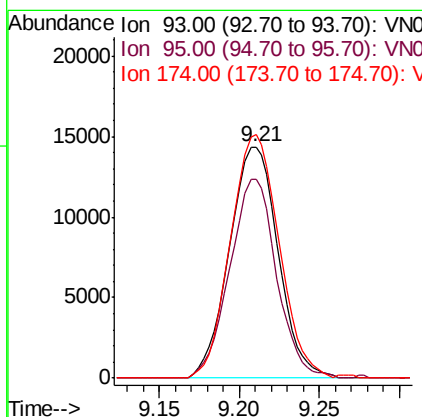
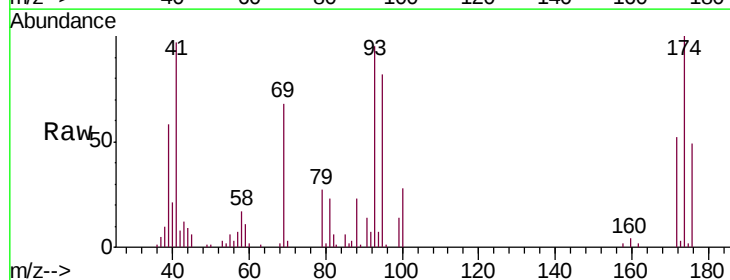
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

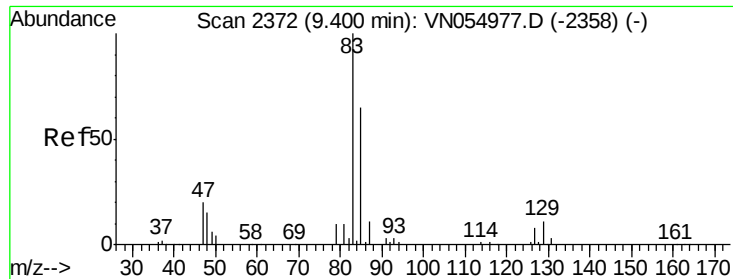
Tgt Ion: 63 Resp: 53315
 Ion Ratio Lower Upper
 63 100
 65 32.7 24.8 37.2



#40
 Dibromomethane
 Concen: 10.651 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

Tgt Ion: 93 Resp: 29965
 Ion Ratio Lower Upper
 93 100
 95 82.4 0.0 160.8
 174 104.8 0.0 206.4





#41

Bromodichloromethane

Concen: 10.041 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

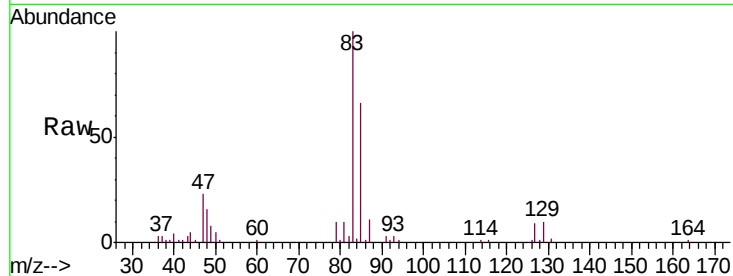
Tgt Ion: 83 Resp: 58303

Ion Ratio Lower Upper

83 100

85 66.5 52.0 78.0

127 9.2 7.2 10.8

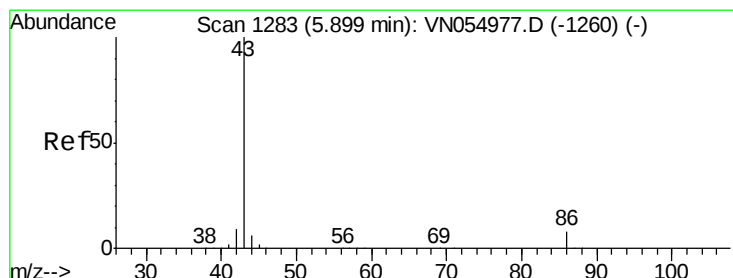
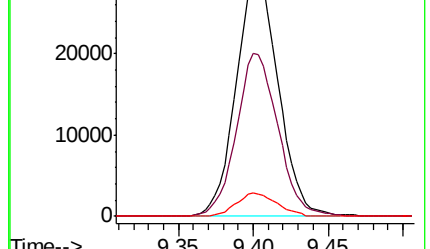
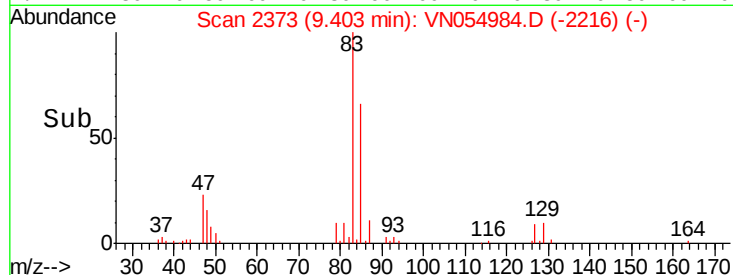


Abundance Ion 83.00 (82.70 to 83.70): VN054977.D (-2358) (-)

Ion 85.00 (84.70 to 85.70): VN054977.D (-2358) (-)

Ion 127.00 (126.70 to 127.70): VN054977.D (-2358) (-)

Time-->



#42

Vinyl Acetate

Concen: 50.891 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN054984.D

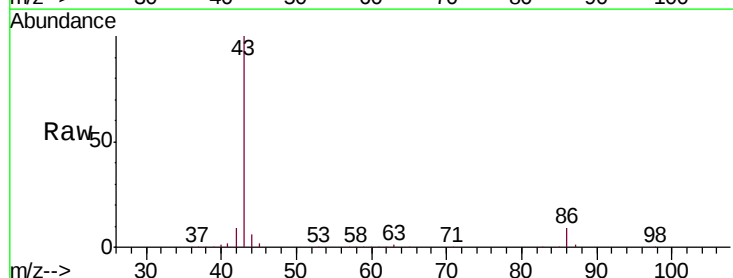
Acq: 11 Apr 2019 18:30

Tgt Ion: 43 Resp: 519498

Ion Ratio Lower Upper

43 100

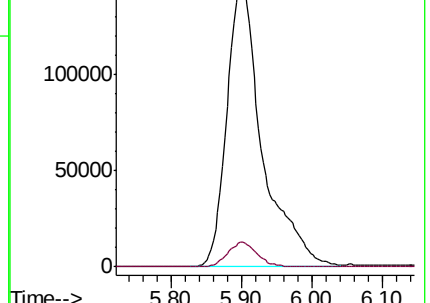
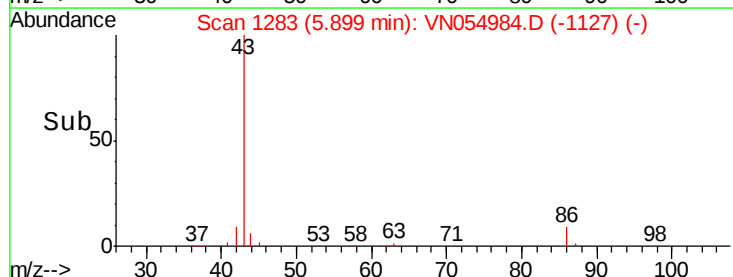
86 7.3 5.7 8.5

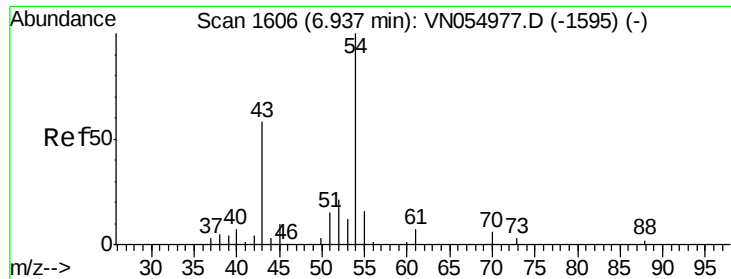


Abundance Ion 43.00 (42.70 to 43.70): VN054977.D (-1260) (-)

Ion 86.00 (85.70 to 86.70): VN054977.D (-1260) (-)

Time-->

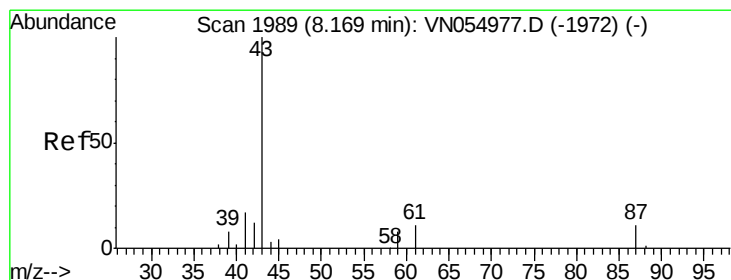
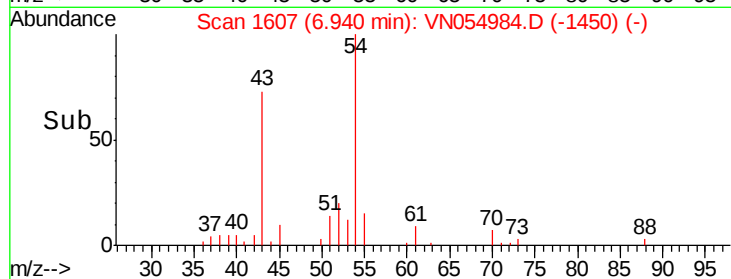
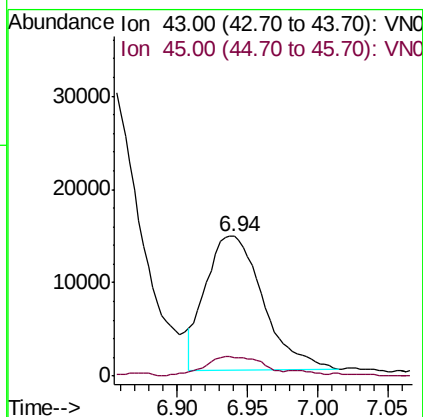
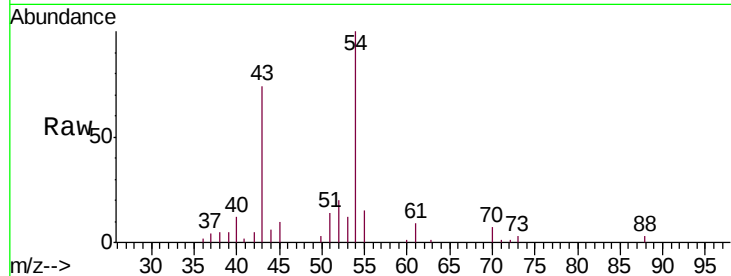




#43
 Ethyl Acetate
 Concen: 9.881 ug/l
 RT: 6.94 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

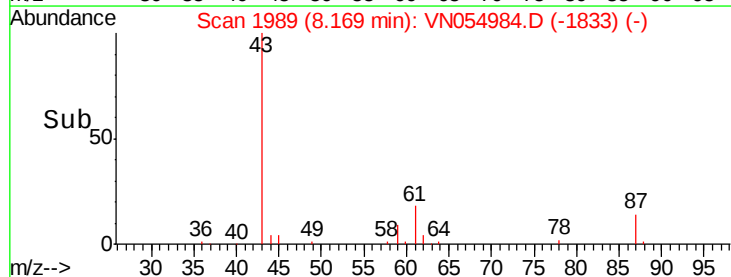
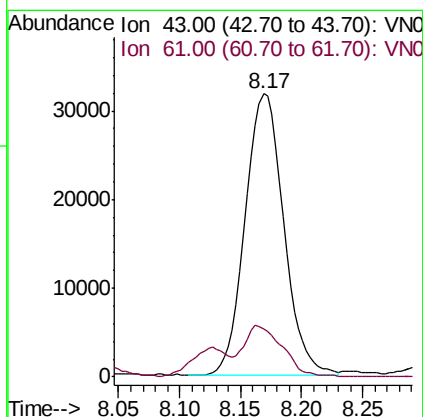
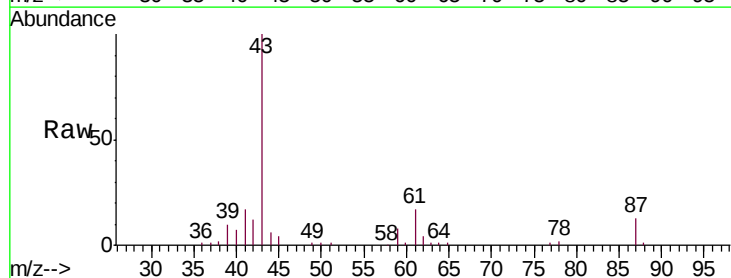
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

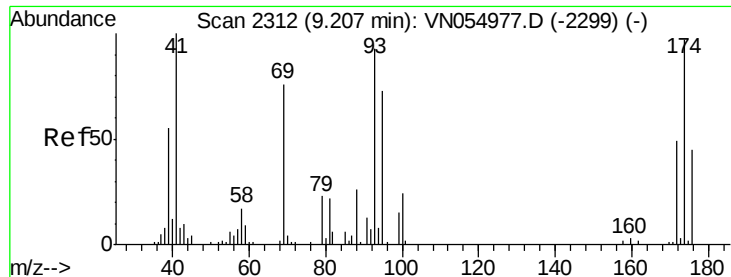
Tgt Ion: 43 Resp: 40645
 Ion Ratio Lower Upper
 43 100
 45 7.7 10.6 15.8#



#44
 Isopropyl Acetate
 Concen: 10.006 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

Tgt Ion: 43 Resp: 69757
 Ion Ratio Lower Upper
 43 100
 61 18.6 14.8 22.2

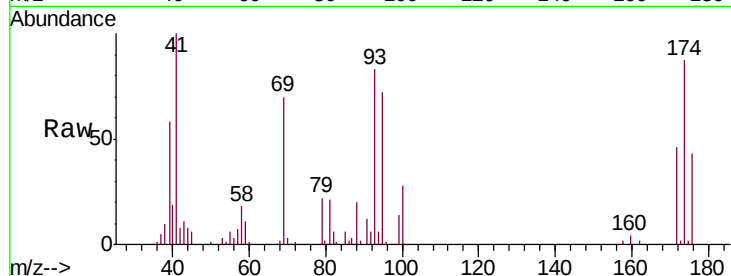




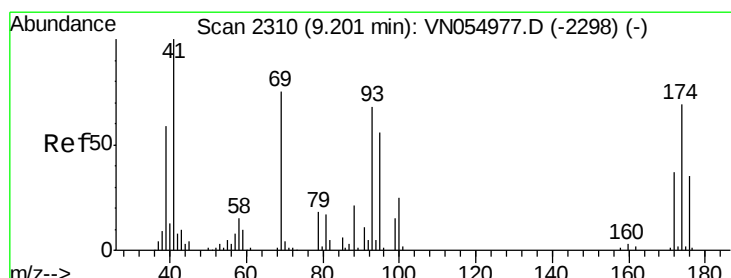
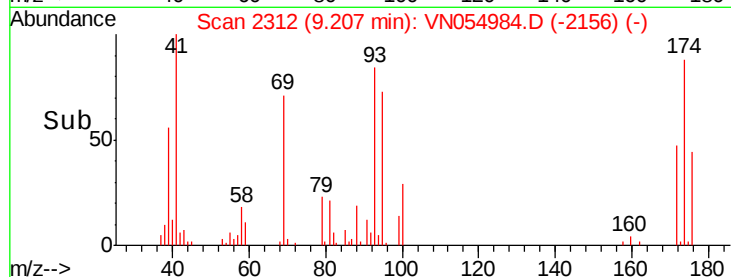
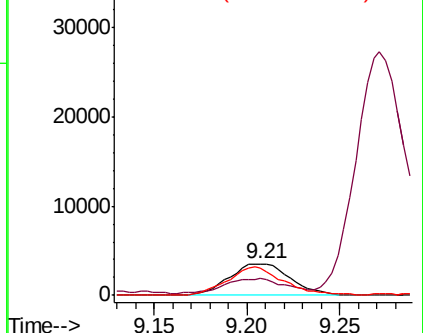
#45
 1,4-Dioxane
 Concen: 207.503 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tgt Ion: 88 Resp: 8014
 Ion Ratio Lower Upper
 88 100
 43 47.1 34.5 51.7
 58 81.8 60.3 90.5

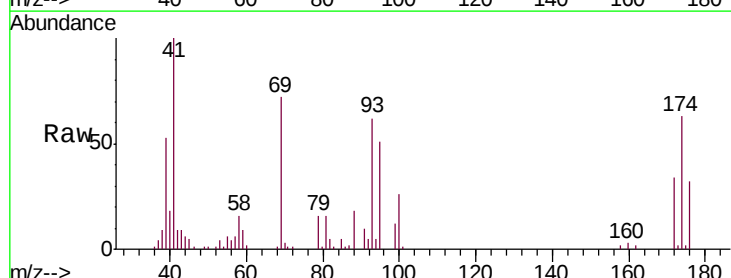


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

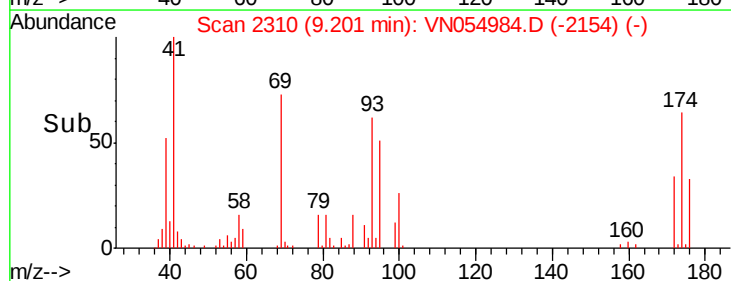
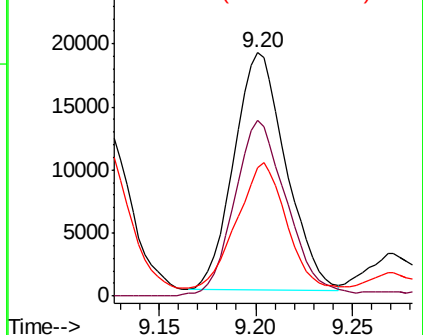


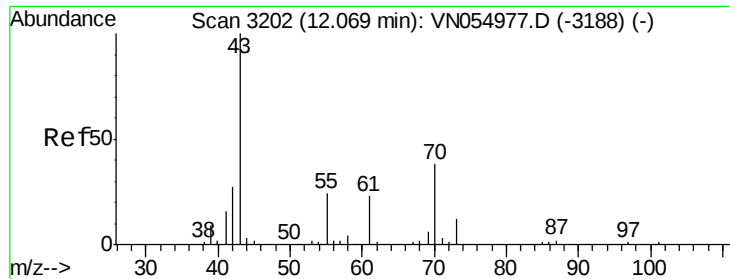
#46
 Methyl methacrylate
 Concen: 9.752 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

Tgt Ion: 41 Resp: 35167
 Ion Ratio Lower Upper
 41 100
 69 73.1 37.3 111.9
 39 50.9 29.4 88.2



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

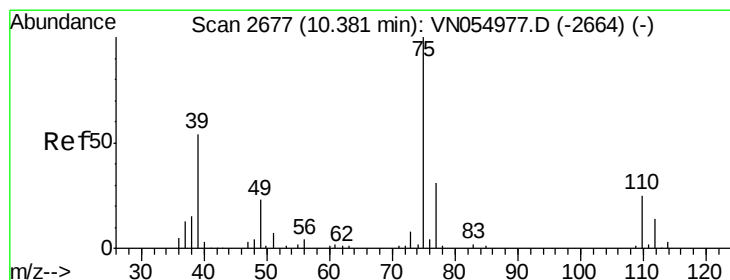
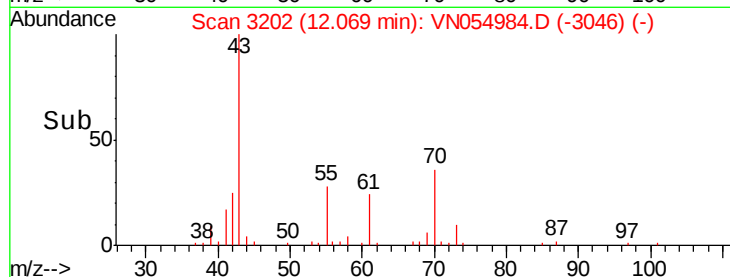
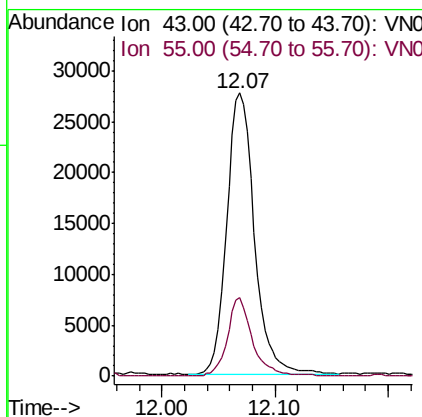
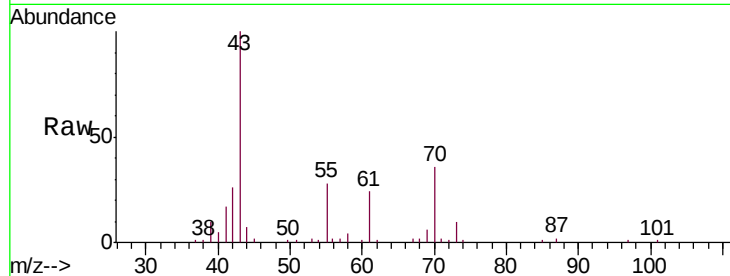




#47
n-amyl Acetate
Concen: 9.201 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

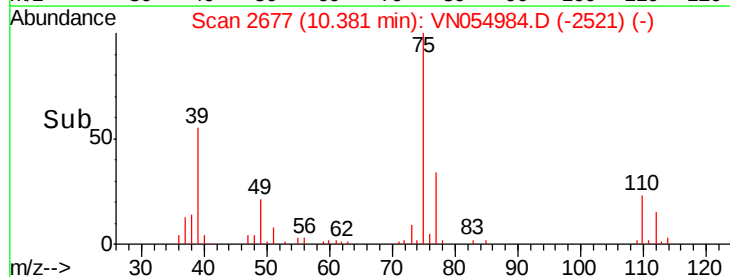
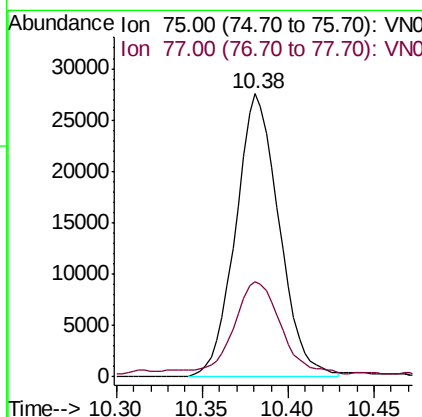
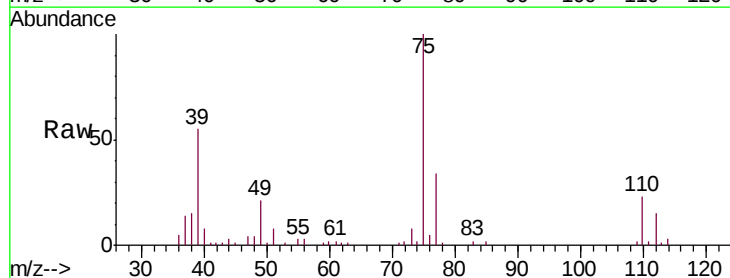
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

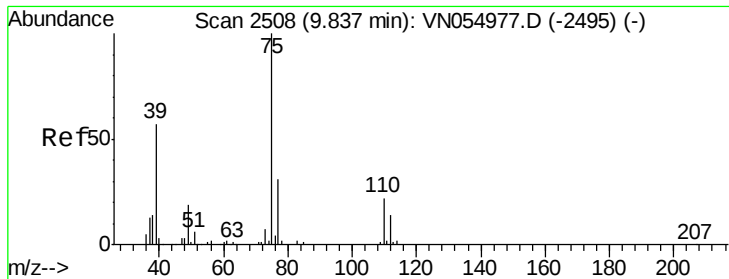
Tgt Ion: 43 Resp: 47241
Ion Ratio Lower Upper
43 100
55 24.9 19.8 29.6



#48
t-1,3-Dichloropropene
Concen: 9.078 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

Tgt Ion: 75 Resp: 48403
Ion Ratio Lower Upper
75 100
77 32.2 24.6 37.0

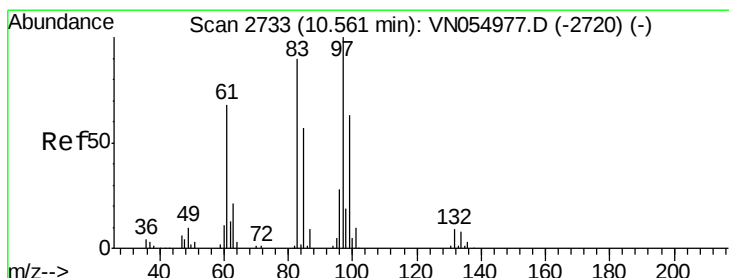
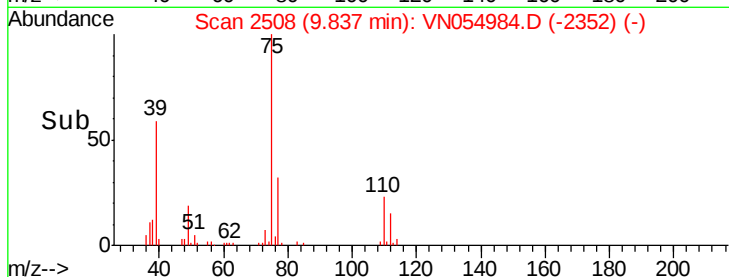
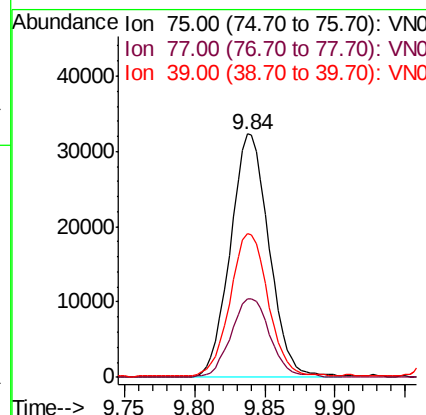
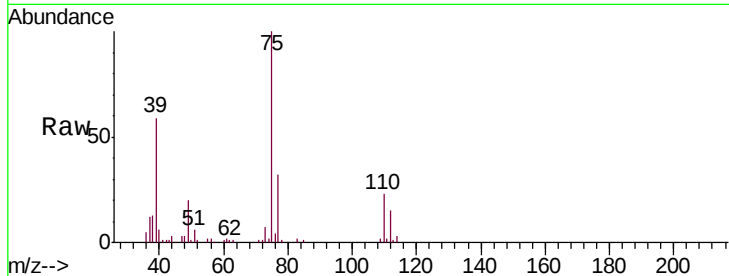




#49
 cis-1,3-Dichloropropene
 Concen: 9.447 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

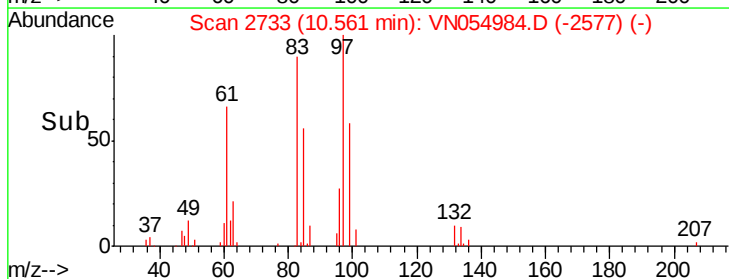
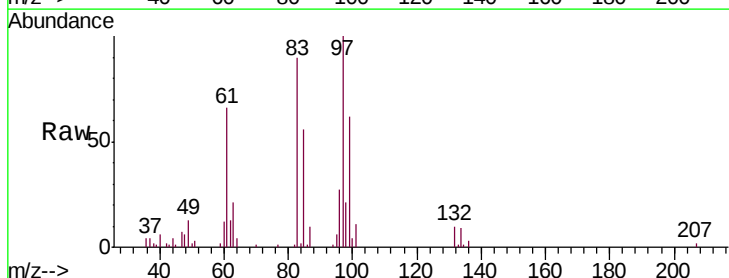
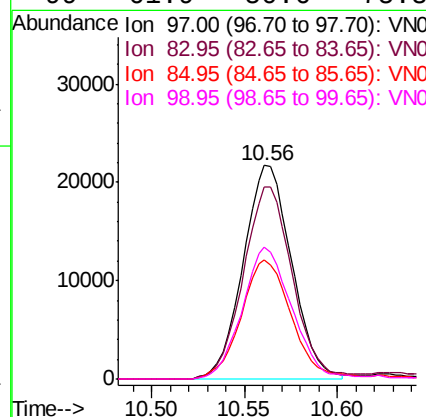
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

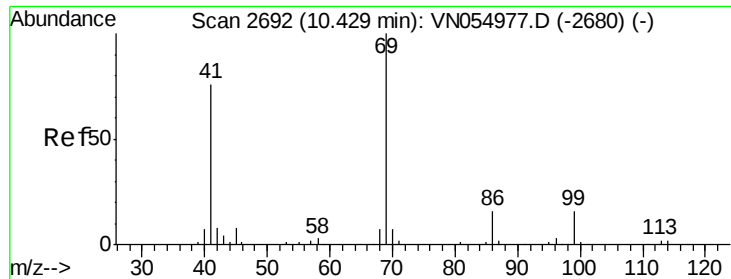
Tgt Ion: 75 Resp: 62185
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.7 37.1
 39 58.2 45.3 67.9



#50
 1,1,2-Trichloroethane
 Concen: 10.309 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

Tgt Ion: 97 Resp: 39395
 Ion Ratio Lower Upper
 97 100
 83 89.8 72.1 108.1
 85 55.8 45.4 68.0
 99 61.9 50.6 75.8





#51

Ethyl methacrylate

Concen: 10.046 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

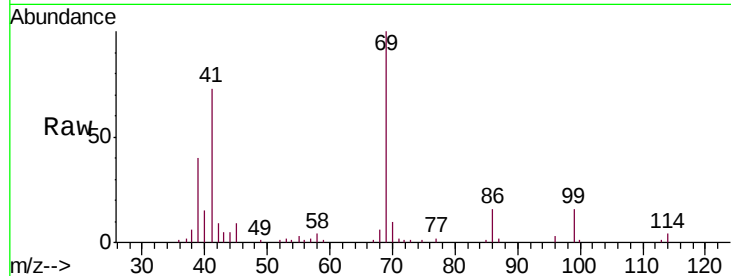
Tgt Ion: 69 Resp: 45763

Ion Ratio Lower Upper

69 100

41 71.8 37.9 113.7

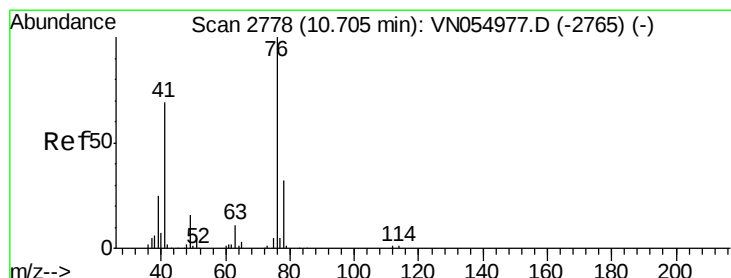
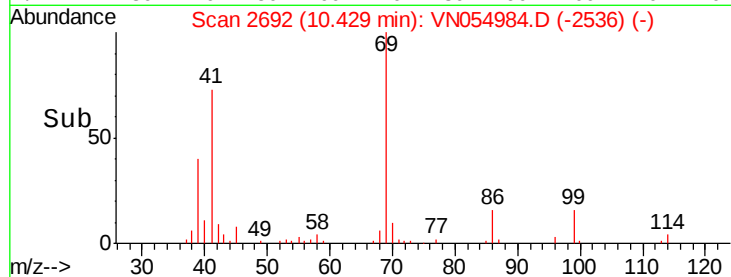
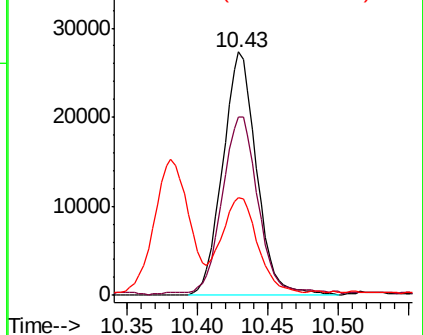
39 38.8 19.8 59.4



Abundance Ion 69.00 (68.70 to 69.70): VN054984.D (-2536) (-)

Ion 41.00 (40.70 to 41.70): VN054984.D (-2536) (-)

Ion 39.00 (38.70 to 39.70): VN054984.D (-2536) (-)



#52

1,3-Dichloropropane

Concen: 10.333 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN054984.D

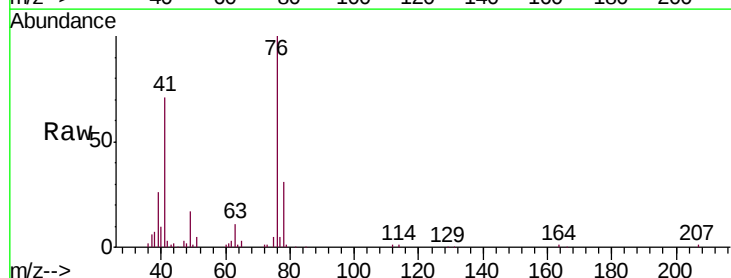
Acq: 11 Apr 2019 18:30

Tgt Ion: 76 Resp: 69187

Ion Ratio Lower Upper

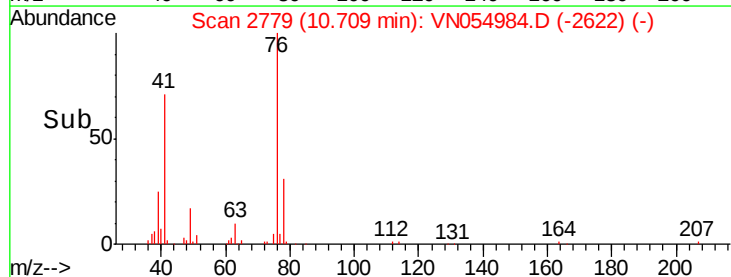
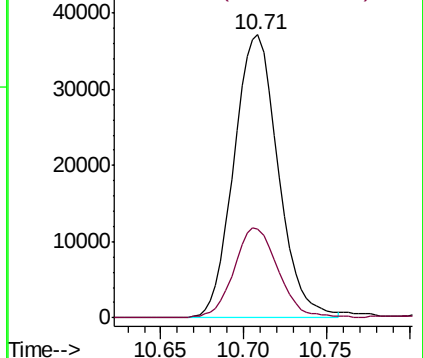
76 100

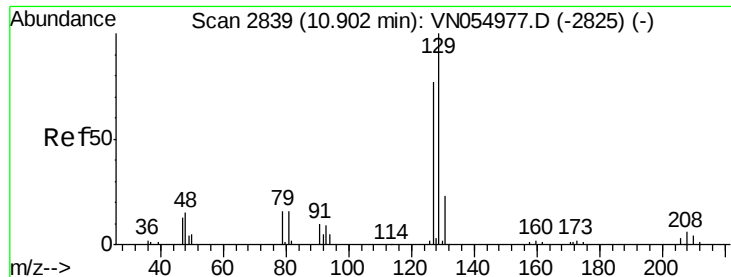
78 31.9 0.0 64.4



Abundance Ion 76.00 (75.70 to 76.70): VN054984.D (-2622) (-)

Ion 78.00 (77.70 to 78.70): VN054984.D (-2622) (-)





#53

Dibromochloromethane

Concen: 9.576 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

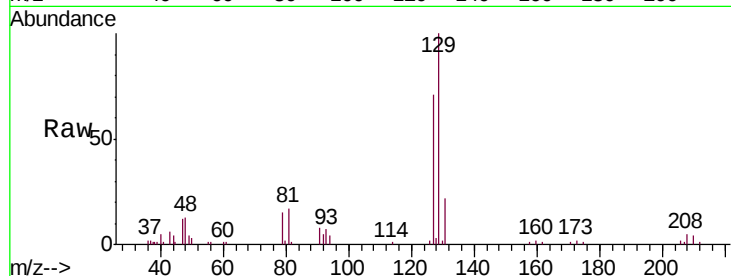
LOQ-WATER-02-QT2-2019

Tgt Ion:129 Resp: 37694

Ion Ratio Lower Upper

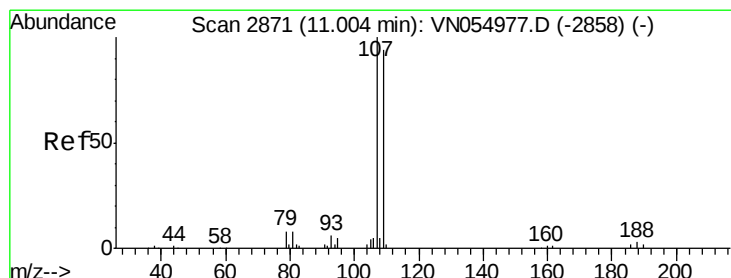
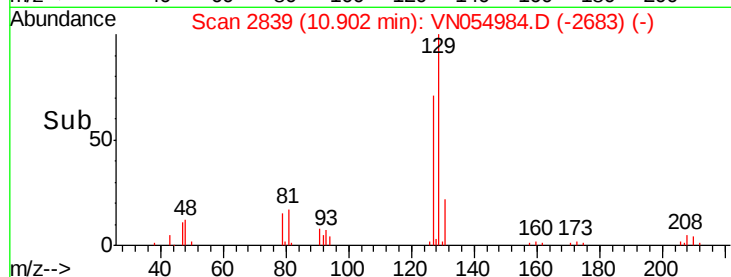
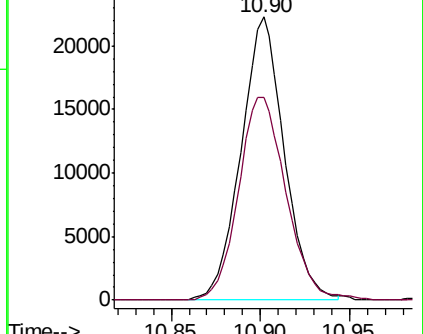
129 100

127 78.8 37.8 113.3



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 10.100 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN054984.D

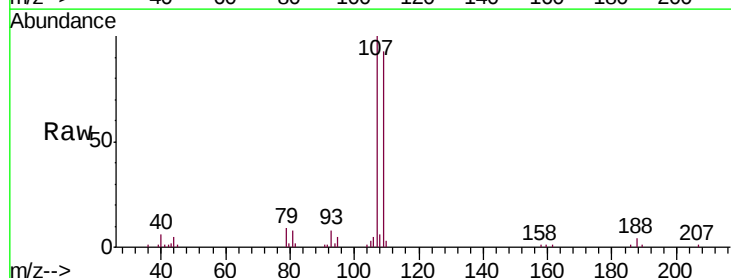
Acq: 11 Apr 2019 18:30

Tgt Ion:107 Resp: 36234

Ion Ratio Lower Upper

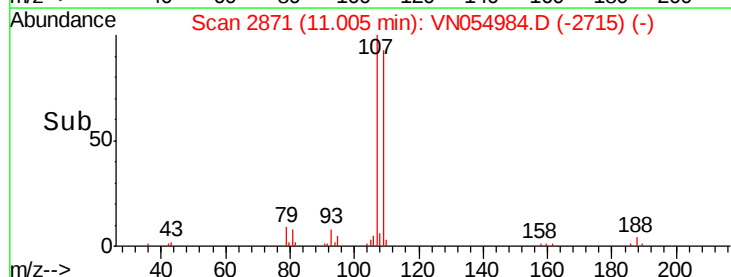
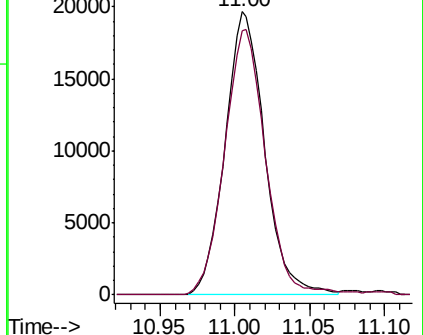
107 100

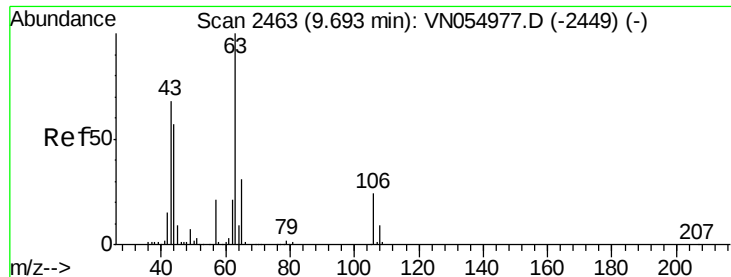
109 96.2 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

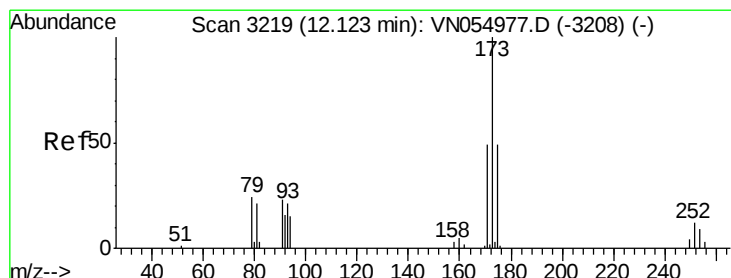
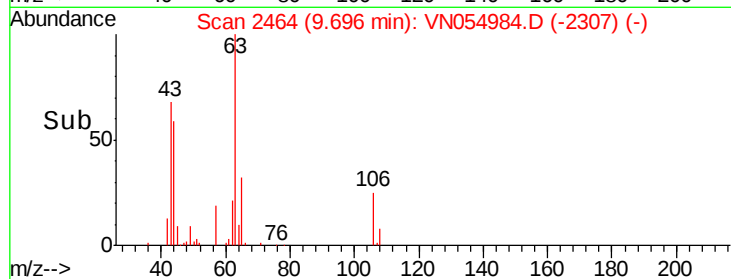
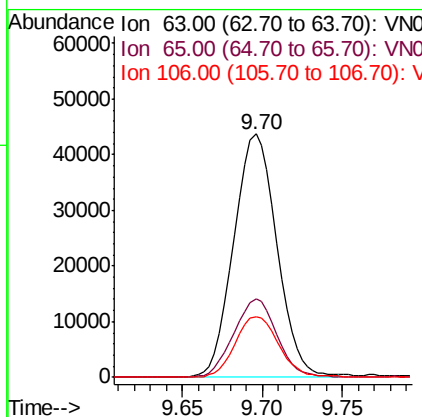
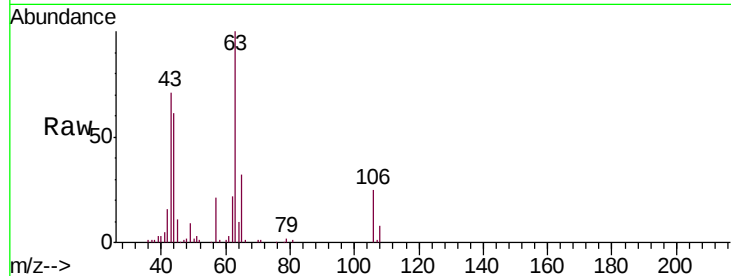




#55
 2-Chloroethyl vinyl ether
 Concen: 42.278 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

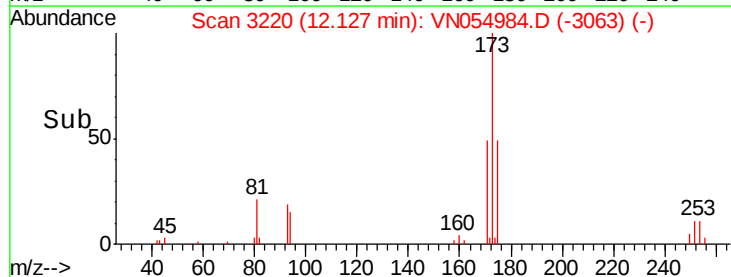
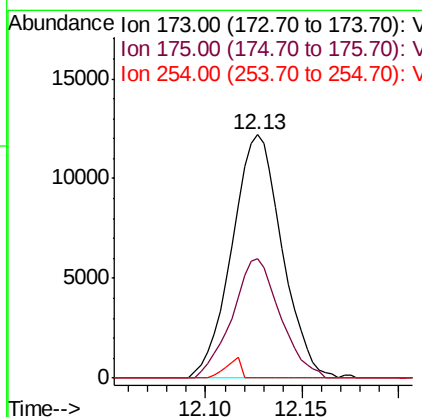
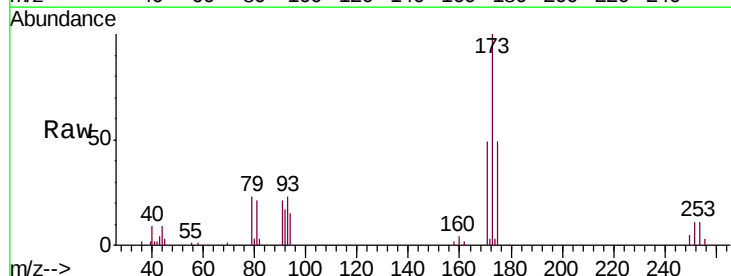
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

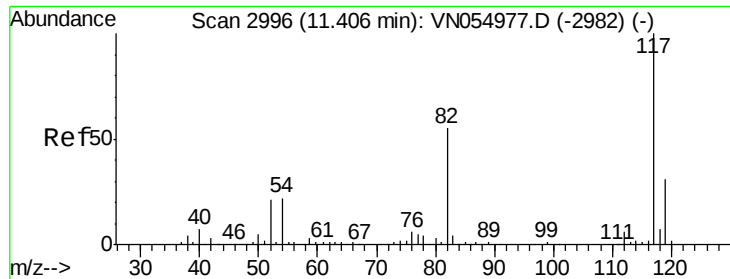
Tgt Ion: 63 Resp: 80511
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.4 38.0
 106 25.2 19.8 29.6



#56
 Bromoform
 Concen: 8.849 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

Tgt Ion: 173 Resp: 21887
 Ion Ratio Lower Upper
 173 100
 175 47.1 38.6 57.8
 254 2.6 6.8 10.2#

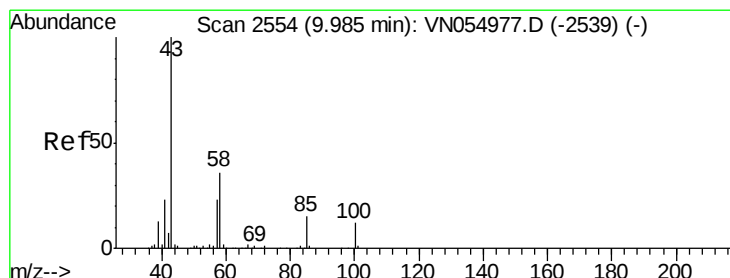
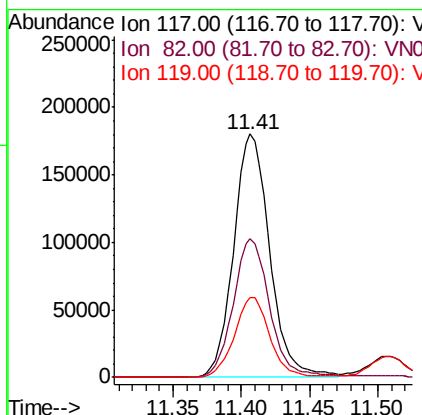
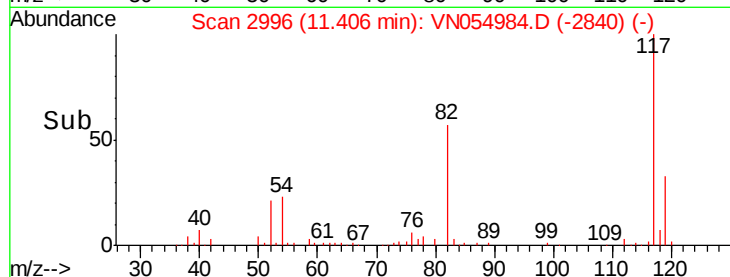
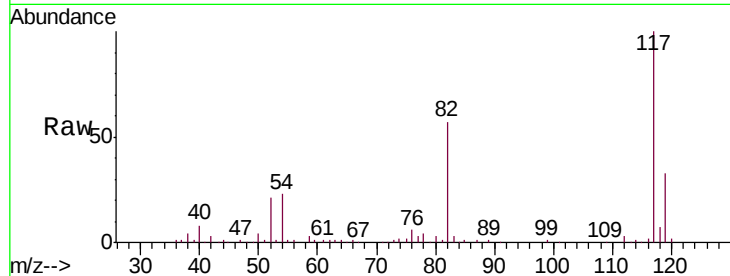




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

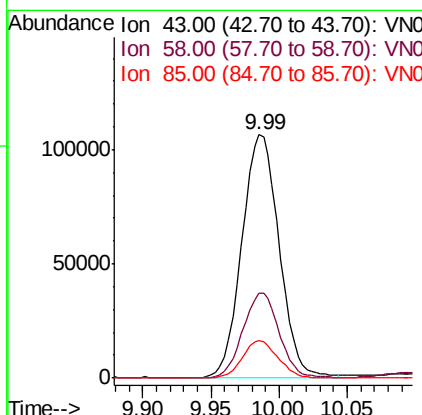
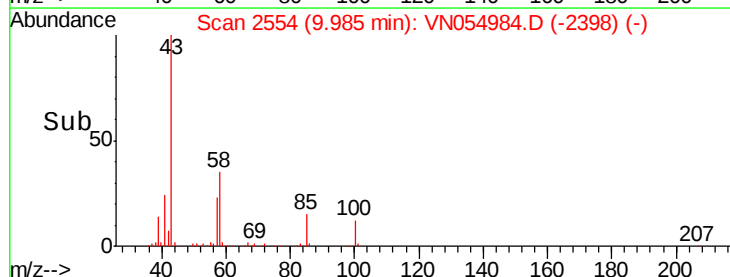
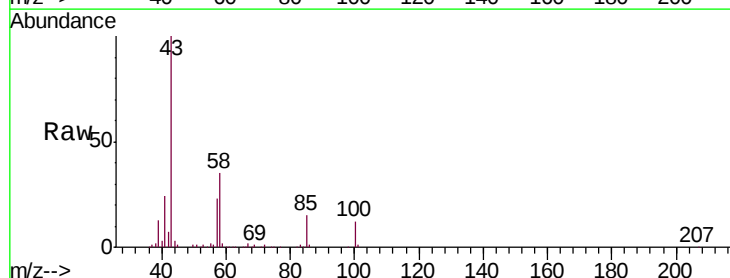
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

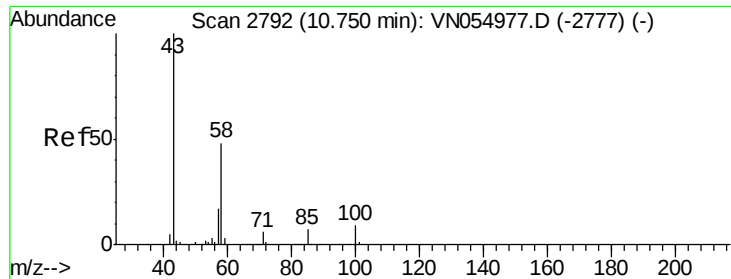
Tgt Ion:117 Resp: 330613
Ion Ratio Lower Upper
117 100
82 57.6 45.2 67.8
119 32.2 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 52.716 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

Tgt Ion: 43 Resp: 200988
Ion Ratio Lower Upper
43 100
58 34.4 28.7 43.1
85 14.9 11.8 17.6

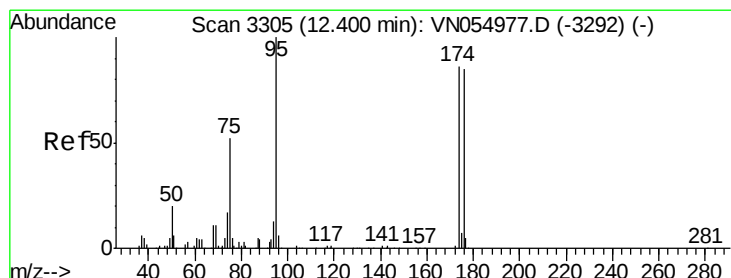
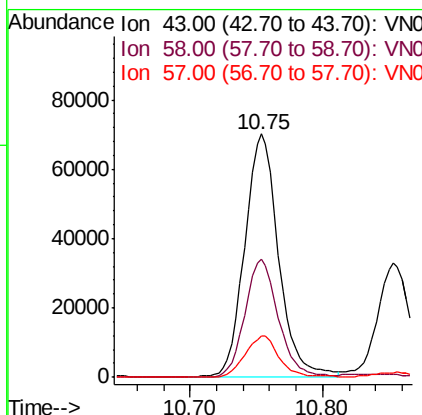
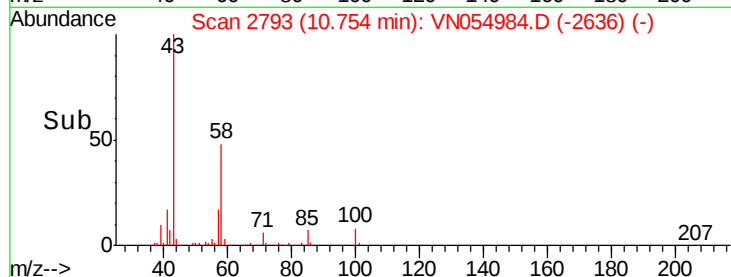
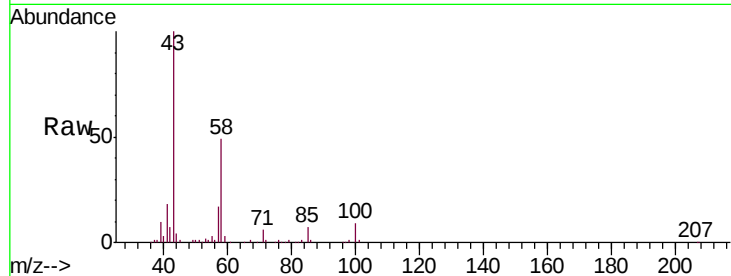




#59
2-Hexanone
Concen: 50.887 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

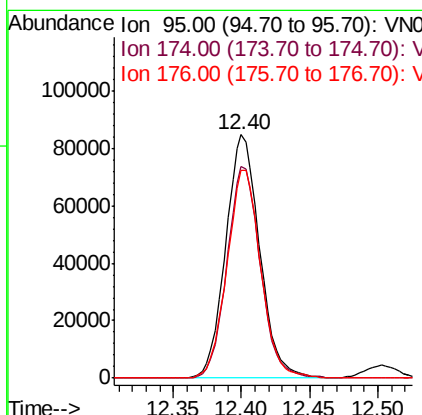
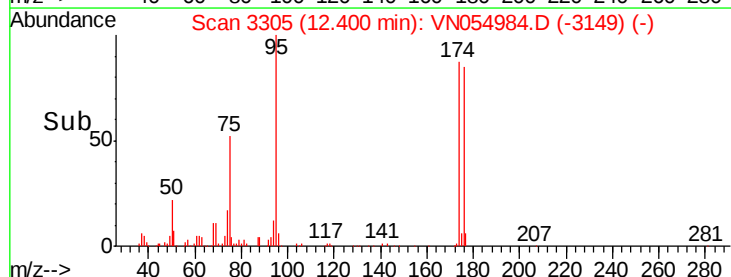
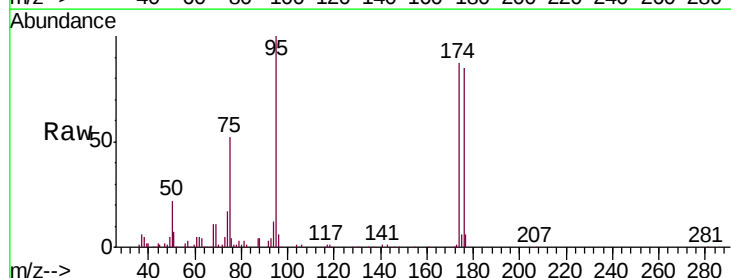
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

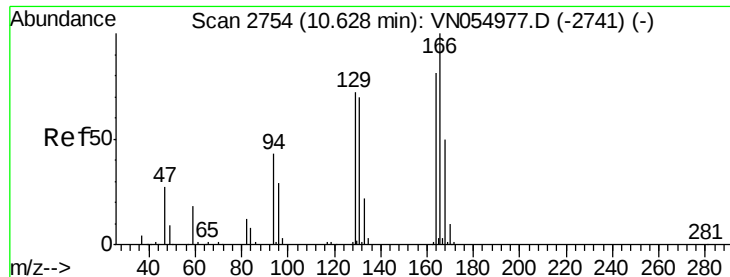
Tgt Ion: 43 Resp: 123253
Ion Ratio Lower Upper
43 100
58 48.3 38.8 58.2
57 16.9 13.8 20.6



#60
4-Bromofluorobenzene
Concen: 50.887 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

Tgt Ion: 95 Resp: 146939
Ion Ratio Lower Upper
95 100
174 85.1 69.4 104.2
176 84.9 67.4 101.2

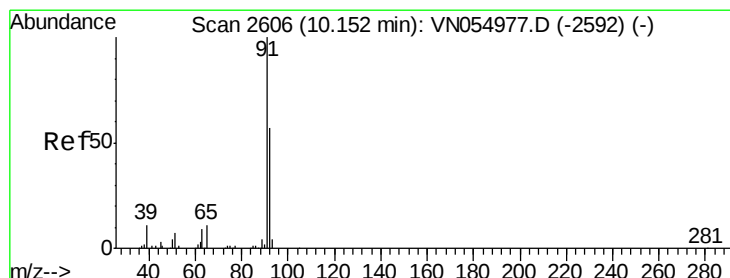
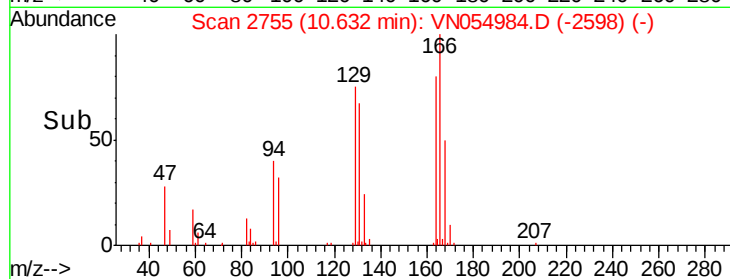
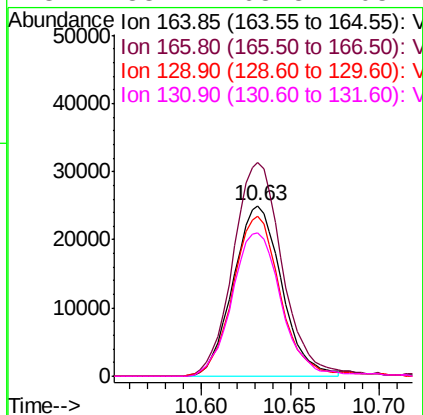
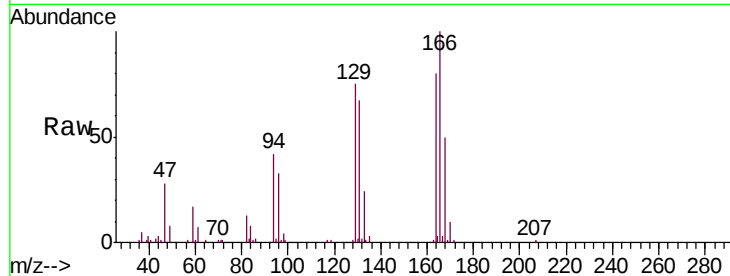




#61
Tetrachloroethene
Concen: 10.996 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

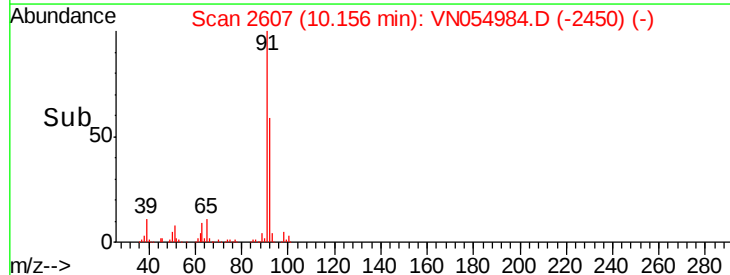
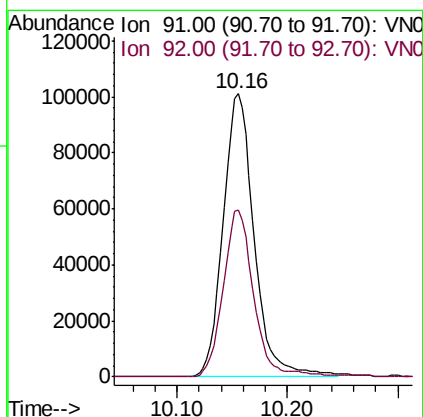
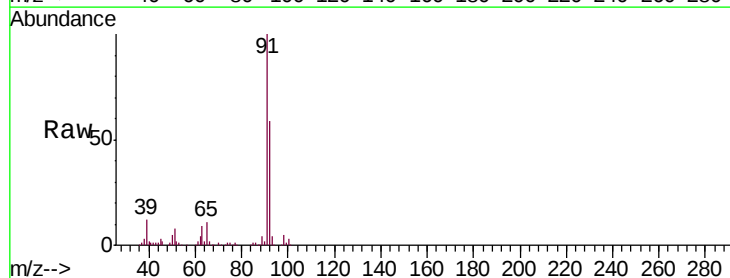
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

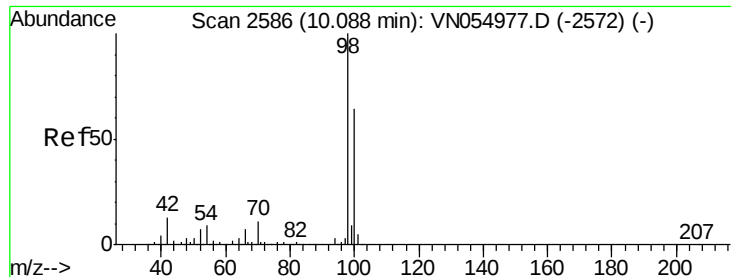
Tgt Ion:164 Resp: 47311
Ion Ratio Lower Upper
164 100
166 124.5 99.0 148.4
129 92.9 71.4 107.0
131 83.7 68.8 103.2



#62
Toluene
Concen: 10.843 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

Tgt Ion: 91 Resp: 197521
Ion Ratio Lower Upper
91 100
92 56.3 44.8 67.2





#63

Toluene-d8

Concen: 10.843 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

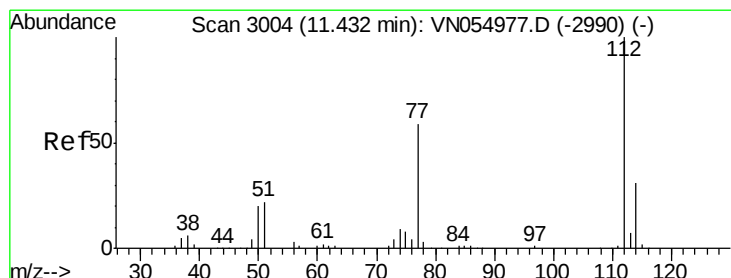
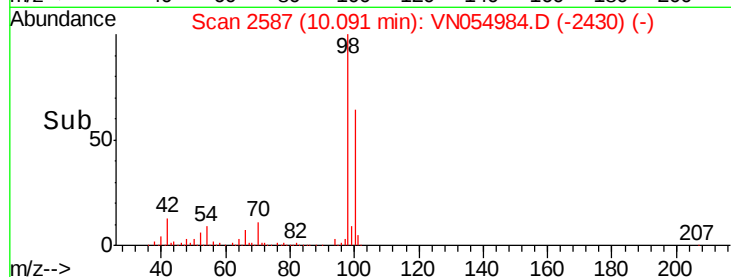
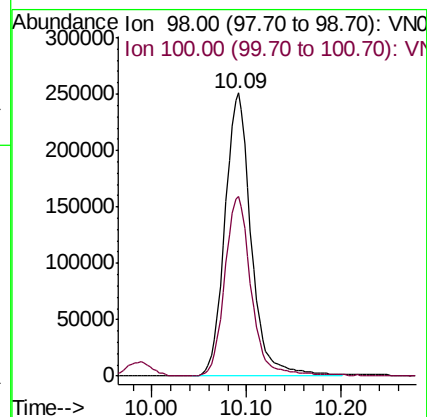
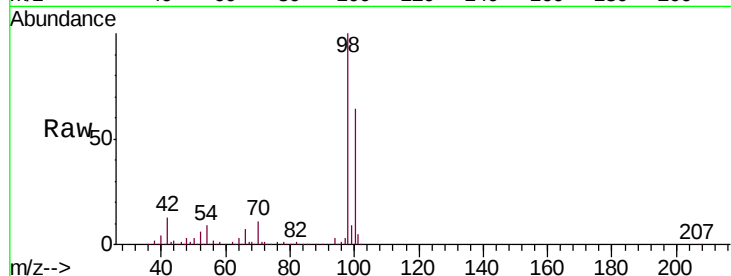
LOQ-WATER-02-QT2-2019

Tgt Ion: 98 Resp: 486405

Ion Ratio Lower Upper

98 100

100 63.6 51.1 76.7



#64

Chlorobenzene

Concen: 10.062 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN054984.D

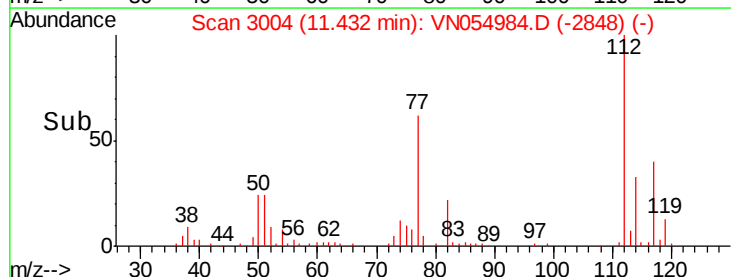
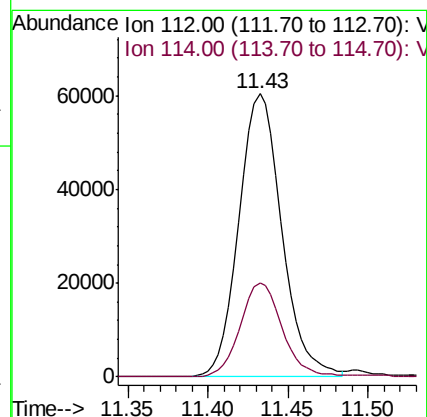
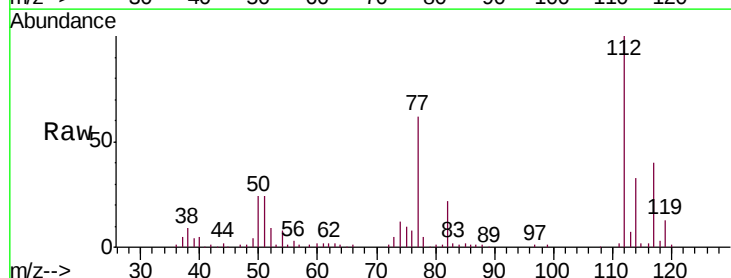
Acq: 11 Apr 2019 18:30

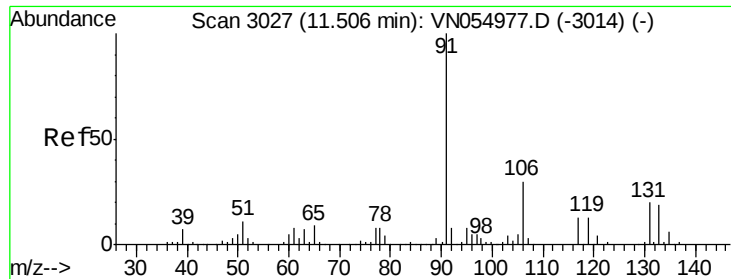
Tgt Ion: 112 Resp: 110652

Ion Ratio Lower Upper

112 100

114 33.2 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 10.561 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

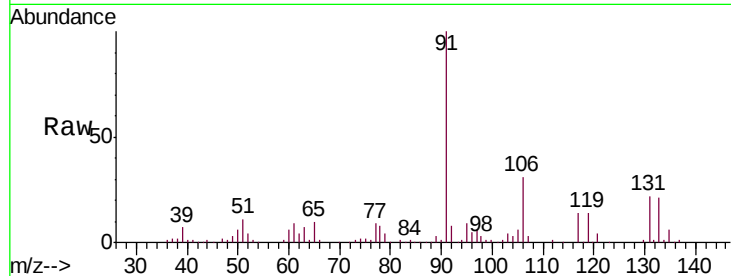
Tgt Ion: 131 Resp: 41306

Ion Ratio Lower Upper

131 100

133 98.0 0.0 187.8

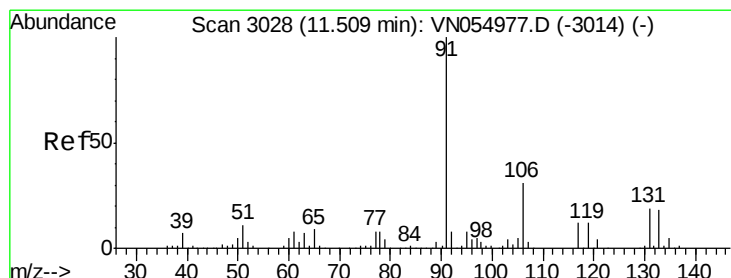
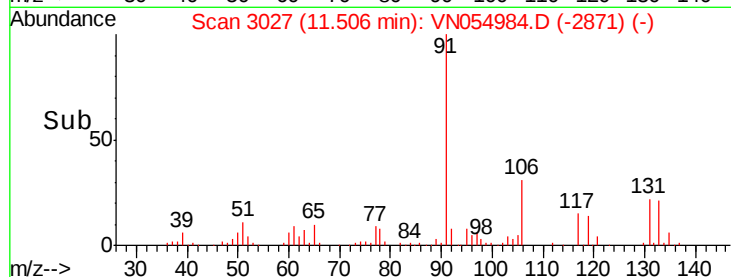
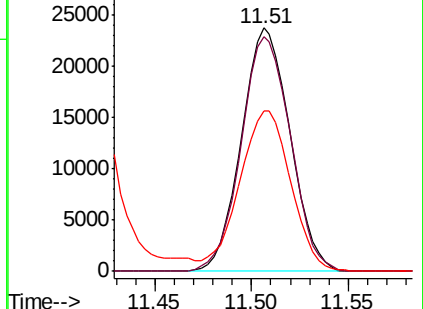
119 70.1 0.0 131.4



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: 10.371 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN054984.D

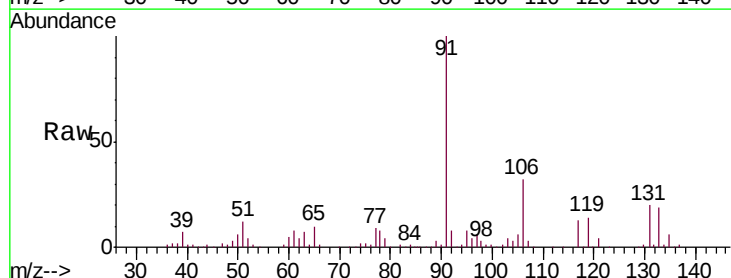
Acq: 11 Apr 2019 18:30

Tgt Ion: 91 Resp: 202526

Ion Ratio Lower Upper

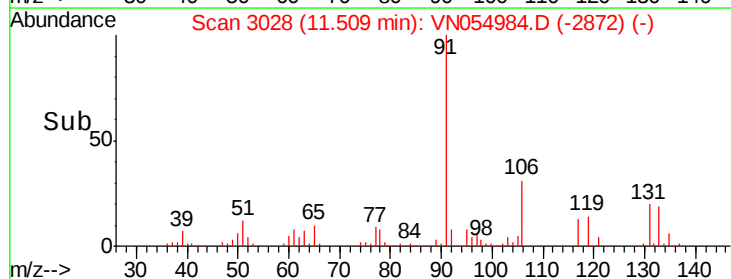
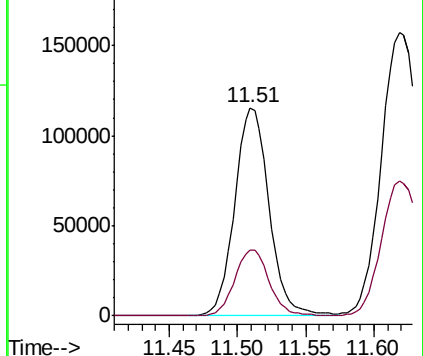
91 100

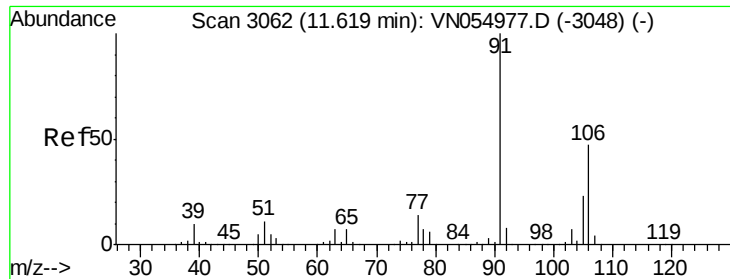
106 31.8 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

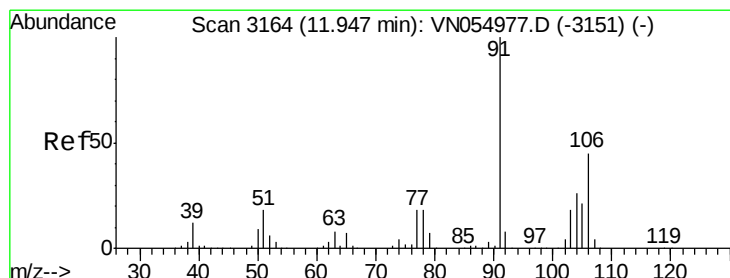
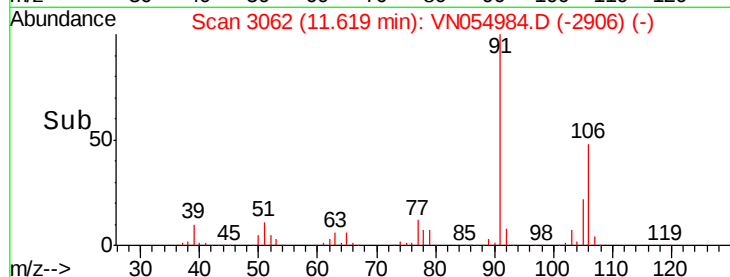
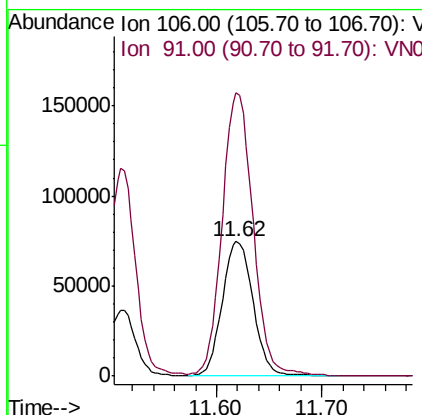
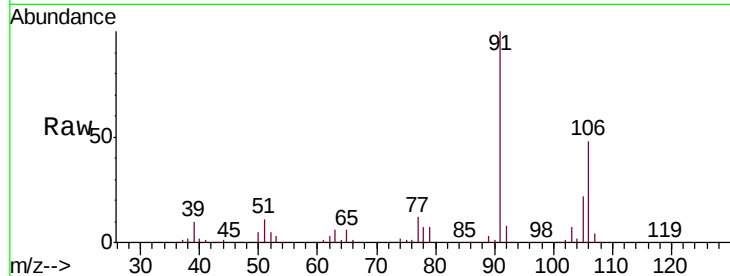




#67
m/p-Xylenes
Concen: 20.935 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

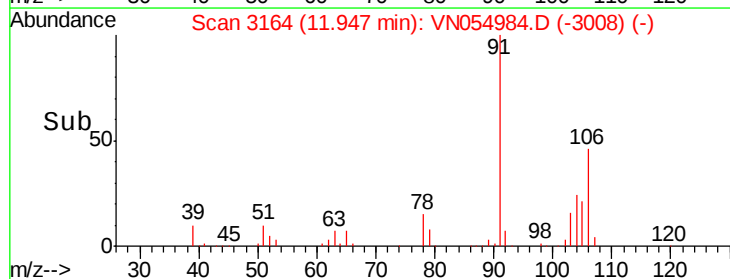
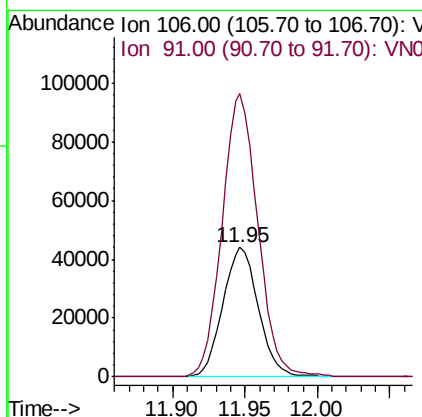
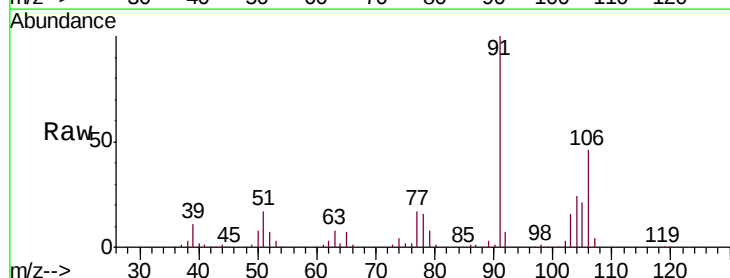
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

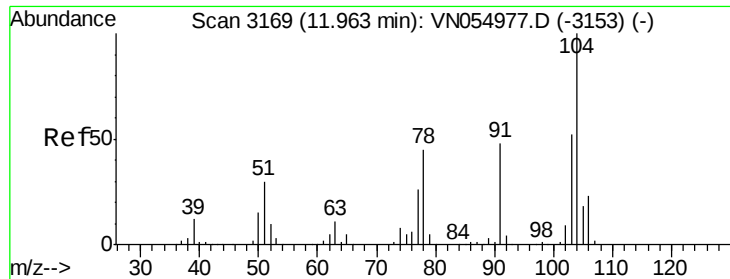
Tgt Ion:106 Resp: 151954
Ion Ratio Lower Upper
106 100
91 207.3 167.4 251.2



#68
o-Xylene
Concen: 10.472 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

Tgt Ion:106 Resp: 75114
Ion Ratio Lower Upper
106 100
91 219.1 110.3 330.8





#69

Styrene

Concen: 10.283 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

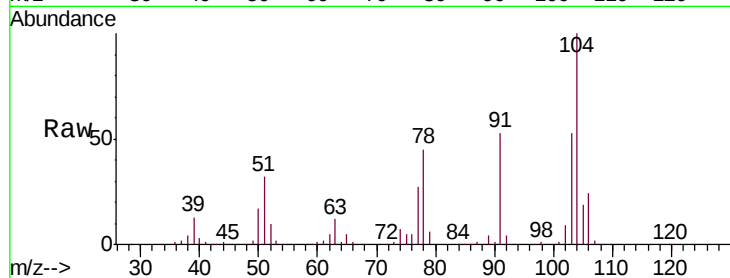
Tgt Ion:104 Resp: 114532

Ion Ratio Lower Upper

104 100

78 51.4 41.2 61.8

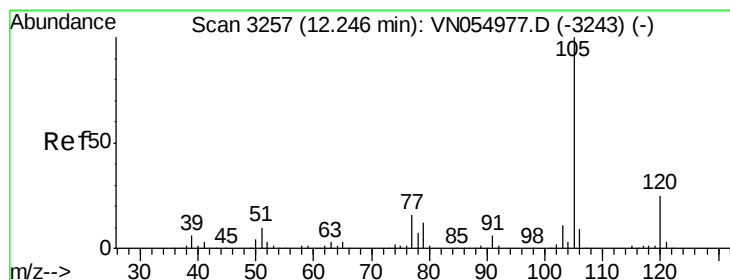
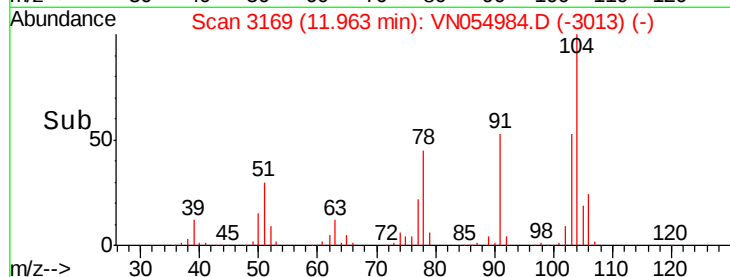
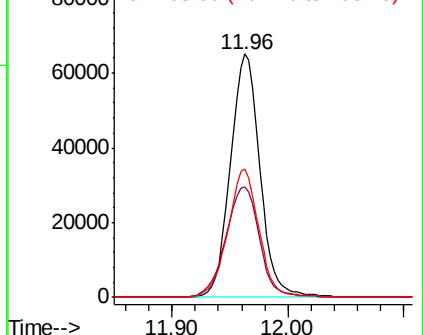
103 55.1 44.6 67.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 10.345 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054984.D

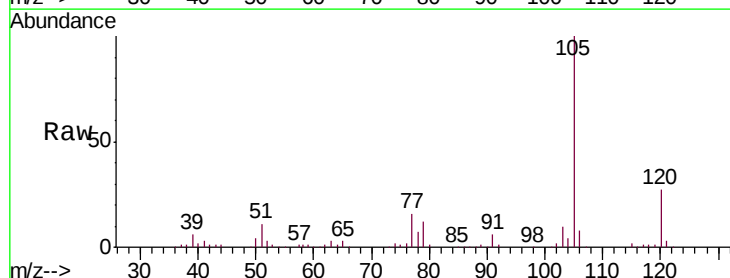
Acq: 11 Apr 2019 18:30

Tgt Ion:105 Resp: 198404

Ion Ratio Lower Upper

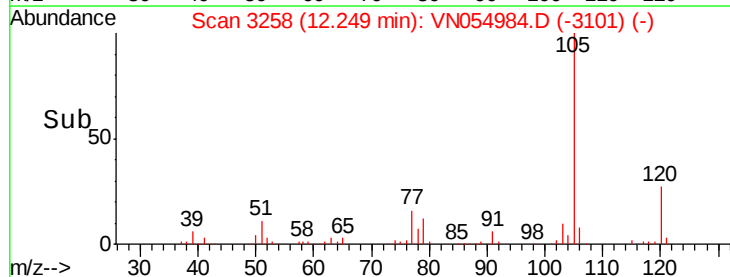
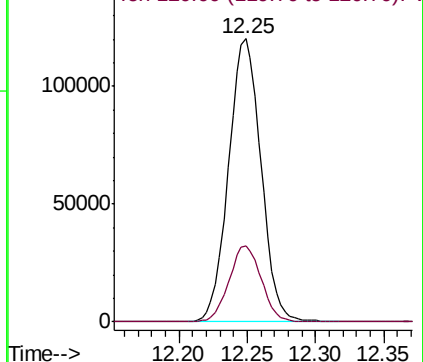
105 100

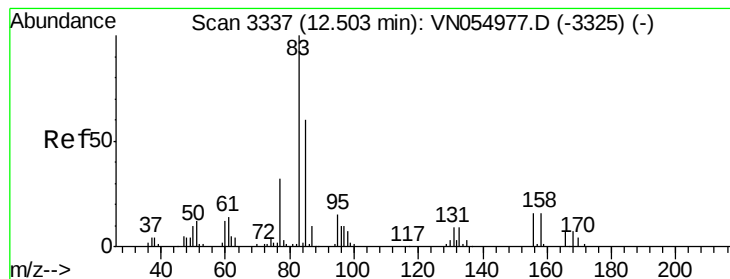
120 26.9 18.3 33.9



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: 10.864 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

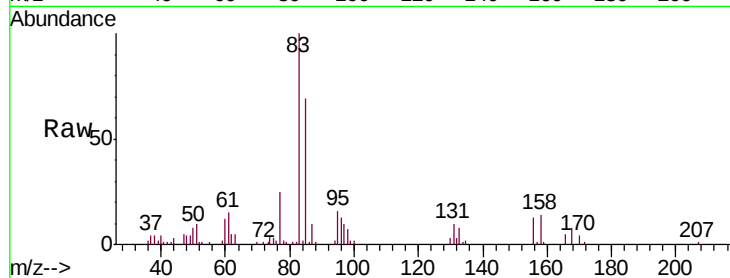
Tgt Ion: 83 Resp: 47654

Ion Ratio Lower Upper

83 100

131 9.9 4.6 13.8

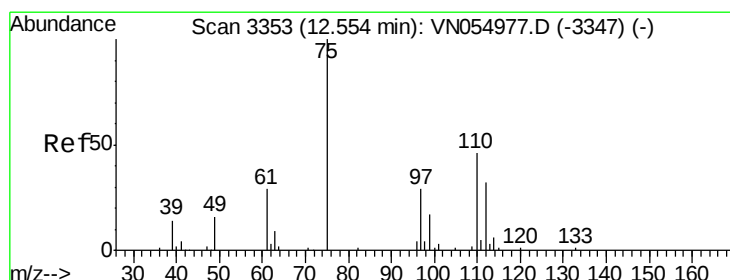
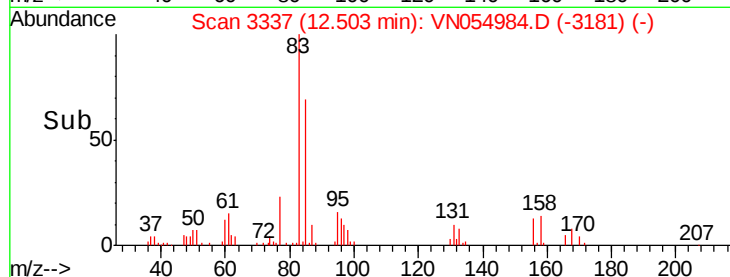
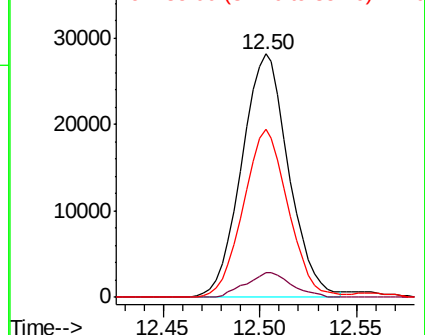
85 65.9 30.9 92.5



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 131.00 (130.70 to 131.70): VN0

Ion 85.00 (84.70 to 85.70): VN0



#72

1,2,3-Trichloropropane

Concen: 15.313 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054984.D

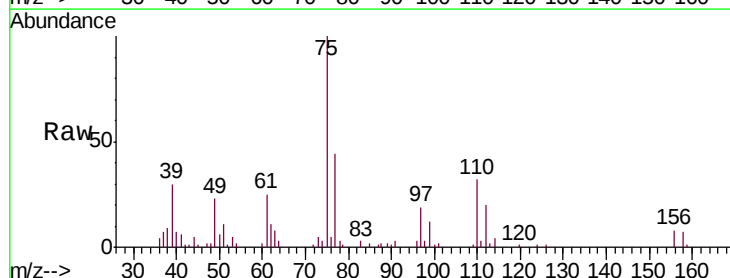
Acq: 11 Apr 2019 18:30

Tgt Ion: 75 Resp: 55473

Ion Ratio Lower Upper

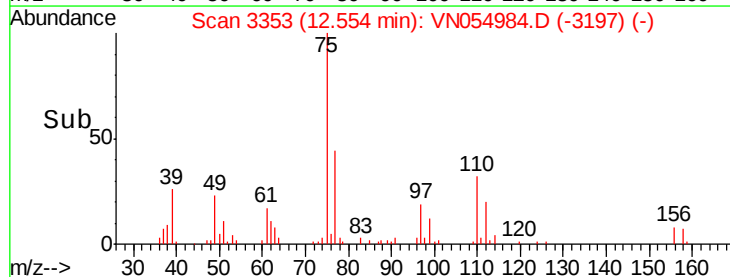
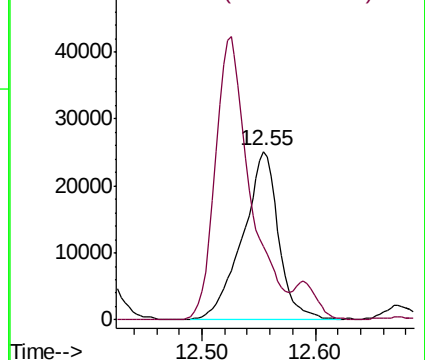
75 100

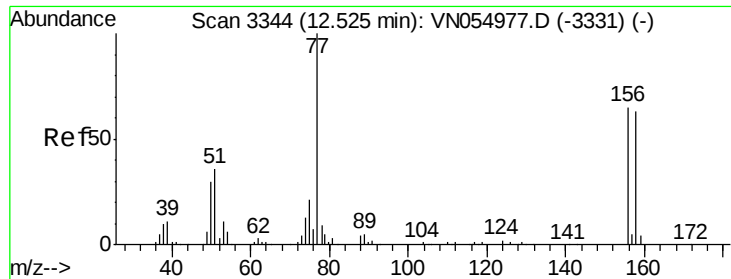
77 163.2 0.0 466.6



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

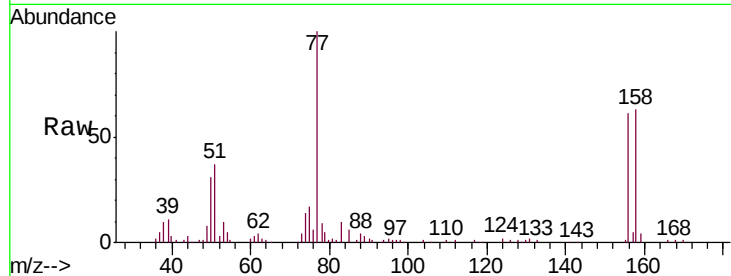




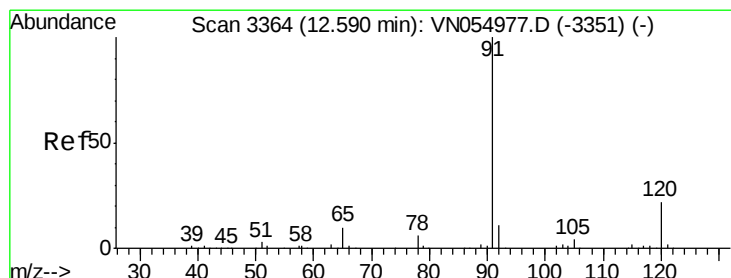
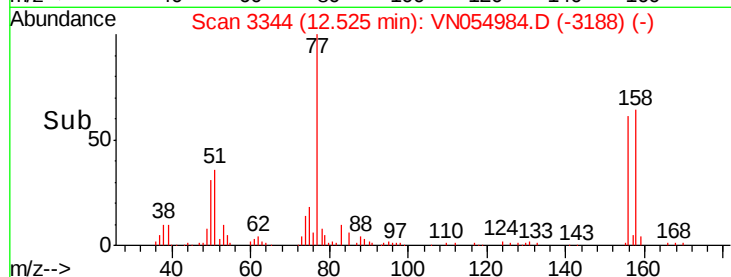
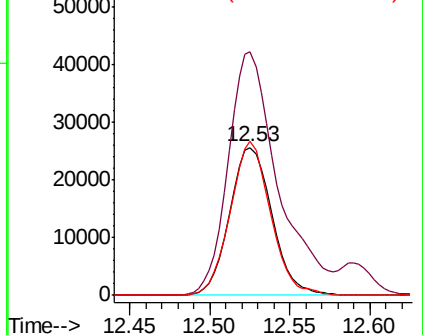
#73
Bromobenzene
Concen: 10.233 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tgt Ion:156 Resp: 46388
Ion Ratio Lower Upper
156 100
77 195.1 0.0 383.2
158 98.8 0.0 193.8

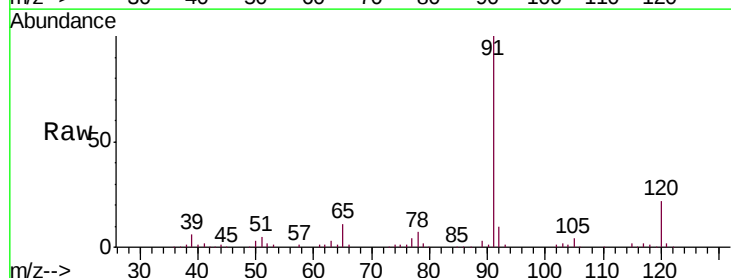


Abundance Ion 156.00 (155.70 to 156.70): V
Ion 77.00 (76.70 to 77.70): VN
Ion 158.00 (157.70 to 158.70): V

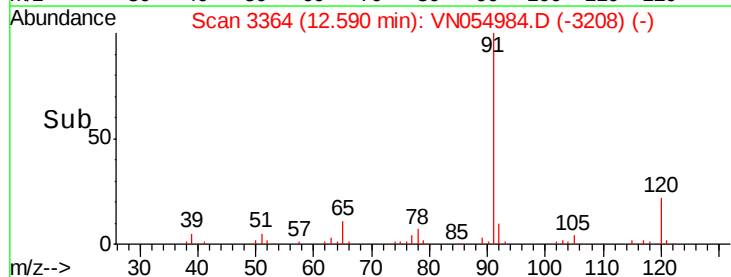
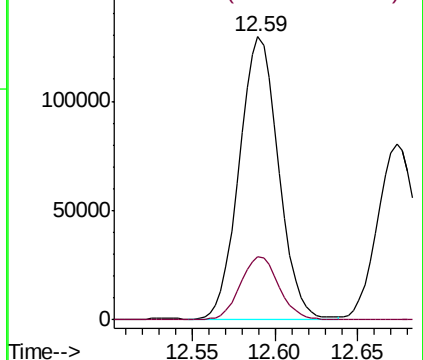


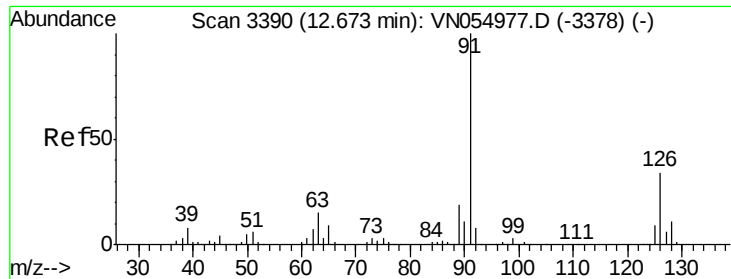
#74
n-propylbenzene
Concen: 9.925 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

Tgt Ion: 91 Resp: 213093
Ion Ratio Lower Upper
91 100
120 21.9 0.0 44.4



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 10.417 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

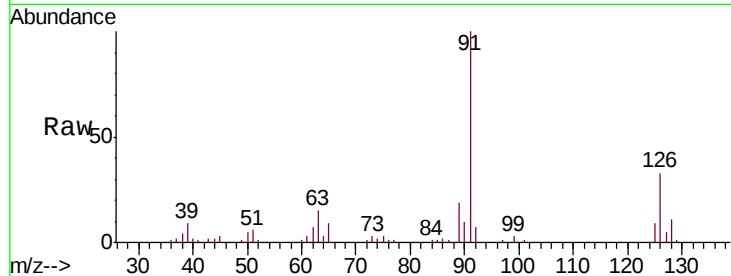
LOQ-WATER-02-QT2-2019

Tgt Ion: 91 Resp: 134891

Ion Ratio Lower Upper

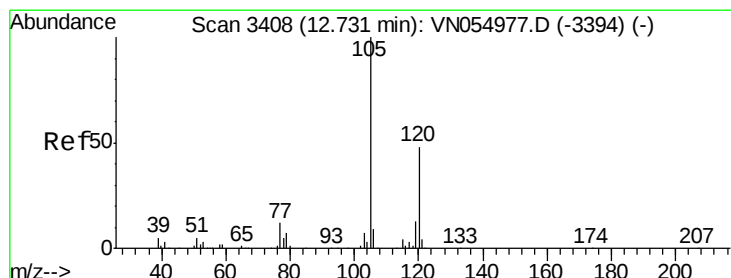
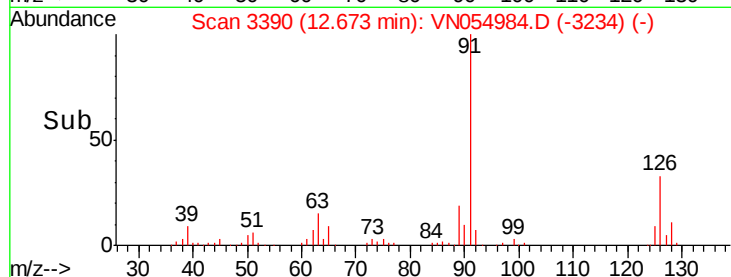
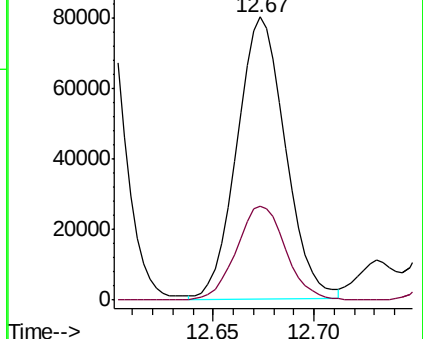
91 100

126 33.9 0.0 67.4



Abundance Ion 91.00 (90.70 to 91.70): VN054977.D (-3378) (-)

Ion 126.00 (125.70 to 126.70): VN054977.D (-3378) (-)



#76

1,3,5-Trimethylbenzene

Concen: 10.551 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054984.D

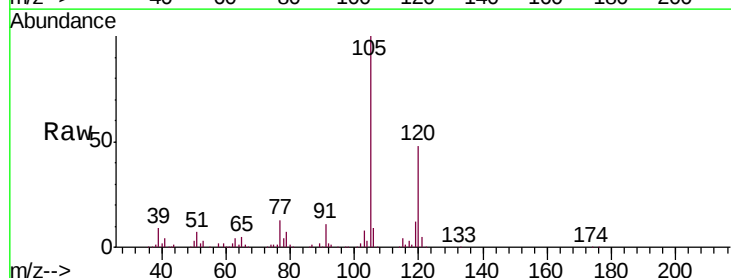
Acq: 11 Apr 2019 18:30

Tgt Ion: 105 Resp: 163588

Ion Ratio Lower Upper

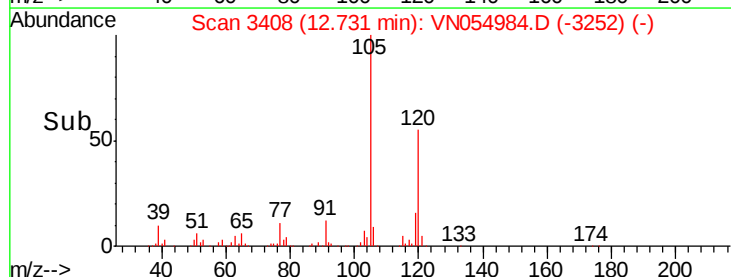
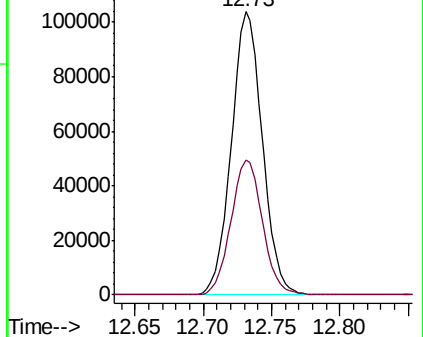
105 100

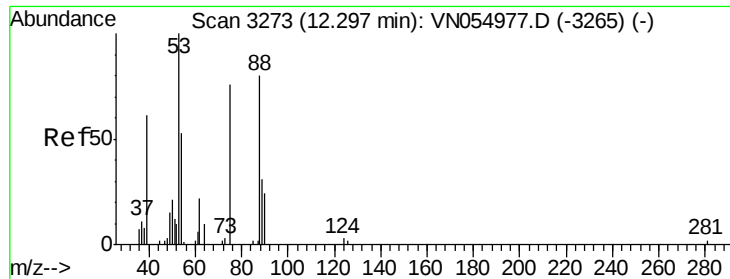
120 48.5 0.0 94.8



Abundance Ion 105.00 (104.70 to 105.70): VN054977.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054977.D (-3394) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 8.619 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

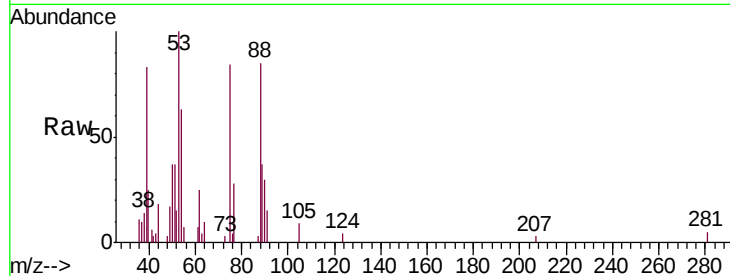
Tgt Ion: 75 Resp: 7870

Ion Ratio Lower Upper

75 100

53 117.2 64.3 192.7

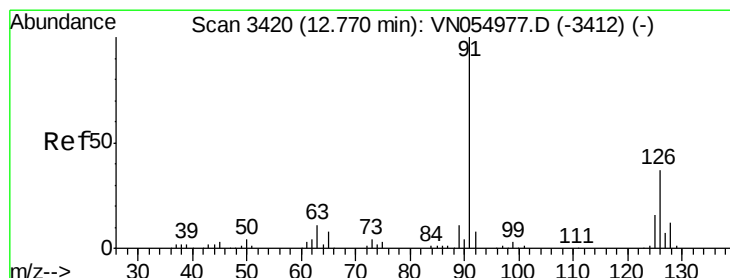
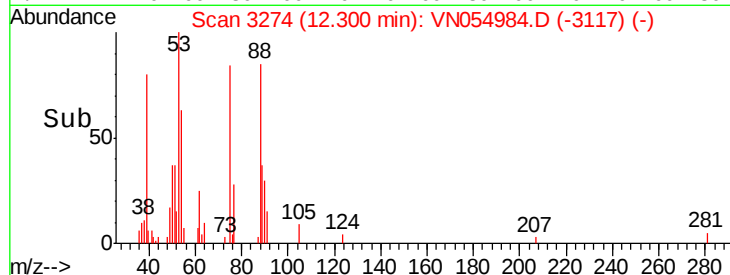
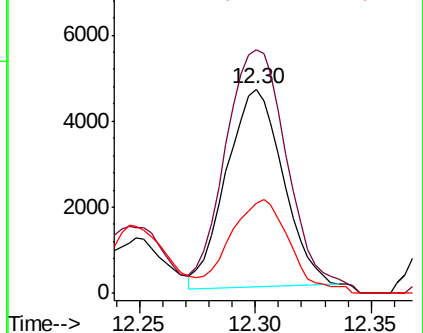
89 42.7 21.6 65.0



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 9.461 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054984.D

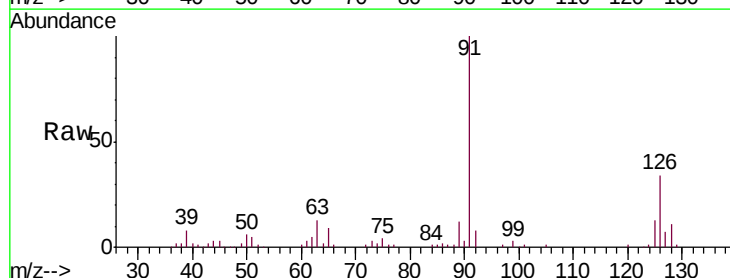
Acq: 11 Apr 2019 18:30

Tgt Ion: 91 Resp: 116731

Ion Ratio Lower Upper

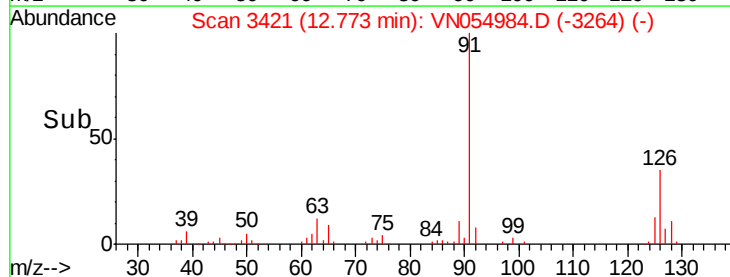
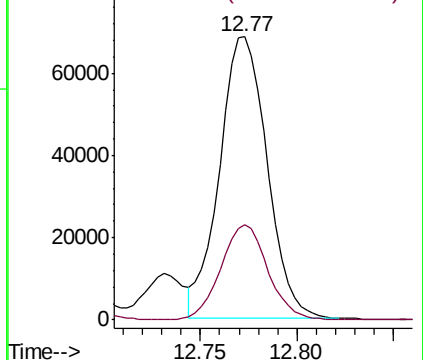
91 100

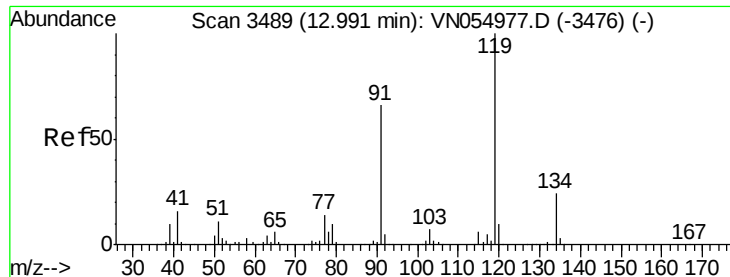
126 33.6 0.0 66.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 10.492 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

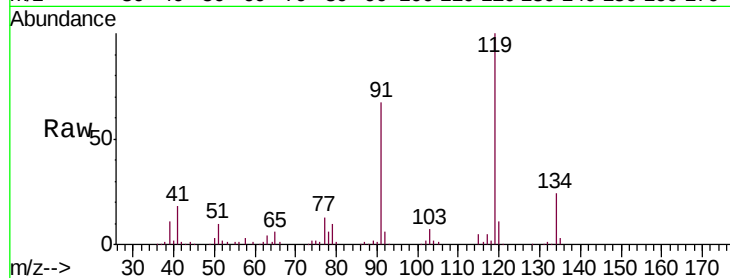
Tgt Ion:119 Resp: 140758

Ion Ratio Lower Upper

119 100

91 65.9 0.0 132.6

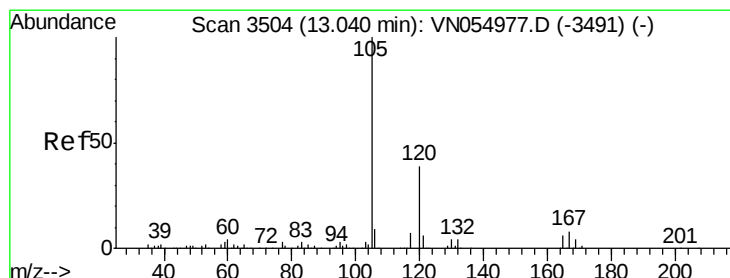
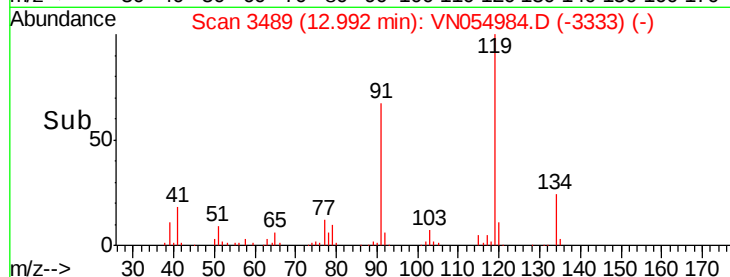
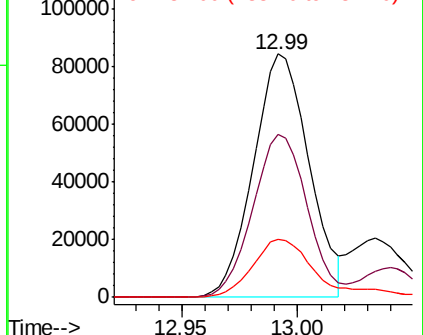
134 25.6 0.0 47.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 10.071 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054984.D

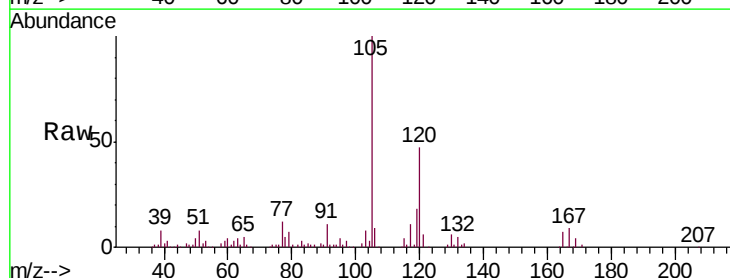
Acq: 11 Apr 2019 18:30

Tgt Ion:105 Resp: 153395

Ion Ratio Lower Upper

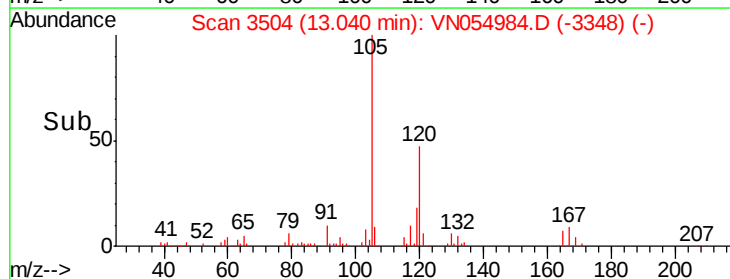
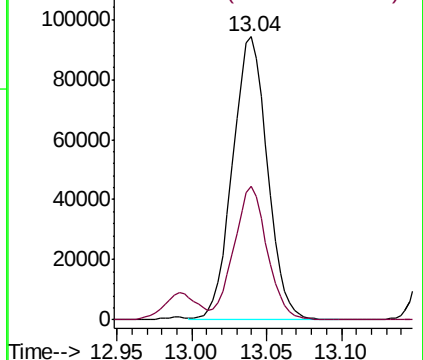
105 100

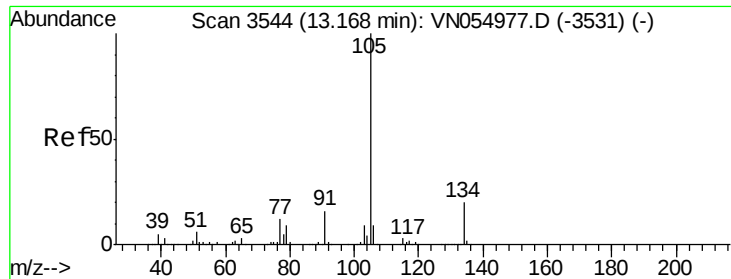
120 45.1 0.0 91.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

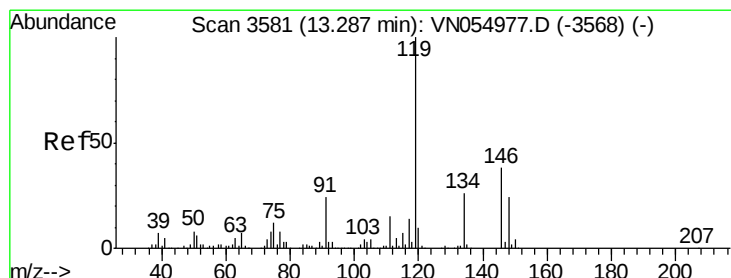
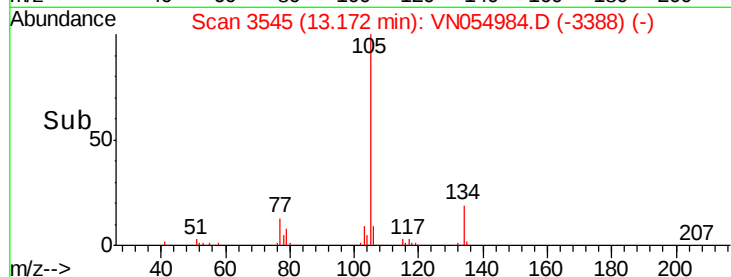
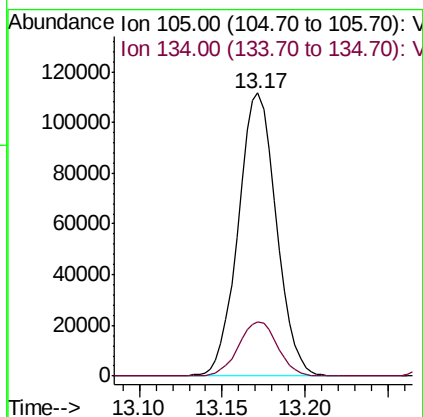
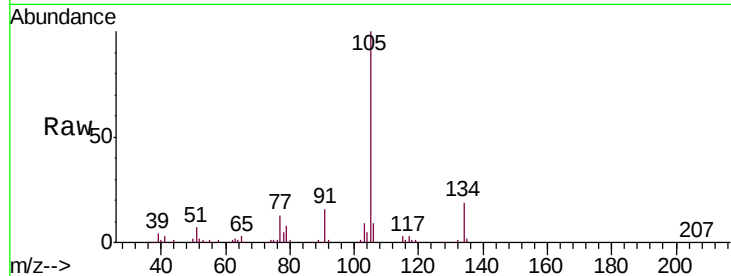




#81
 sec-Butylbenzene
 Concen: 9.977 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

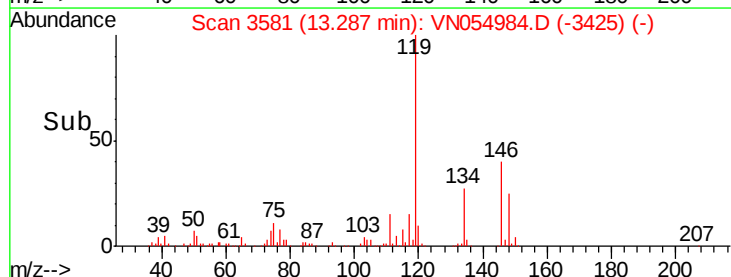
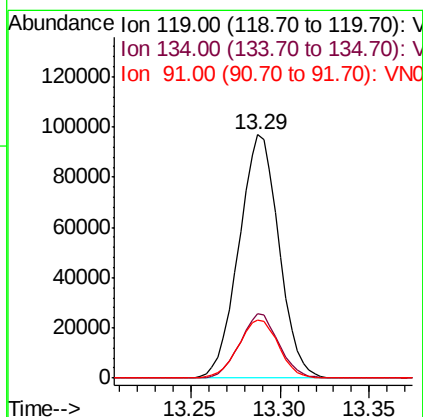
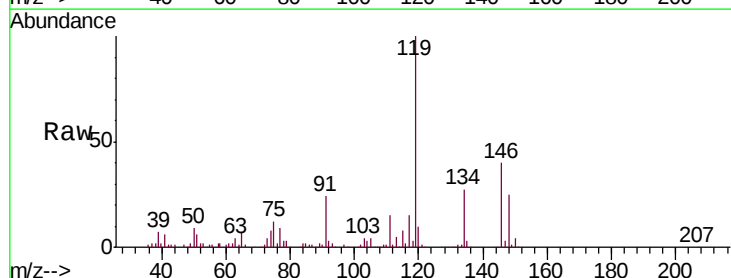
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

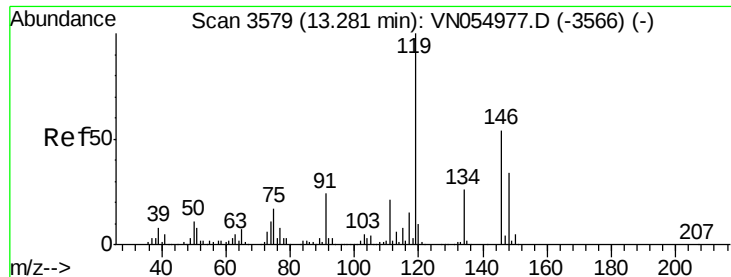
Tgt Ion:105 Resp: 178854
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 40.0



#82
 p-Isopropyltoluene
 Concen: 10.014 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

Tgt Ion:119 Resp: 151508
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 53.2
 91 23.9 0.0 47.8

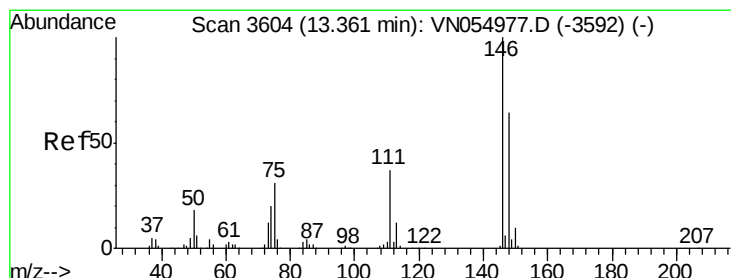
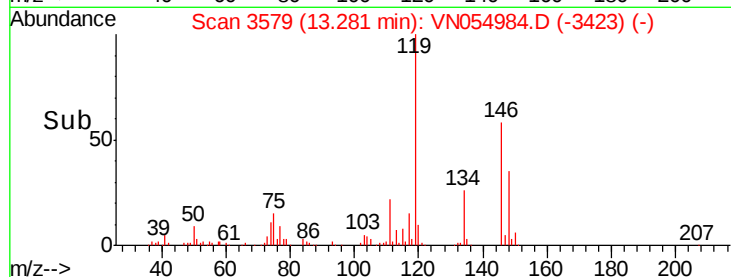
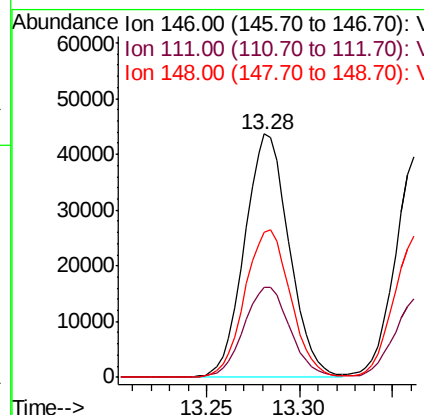
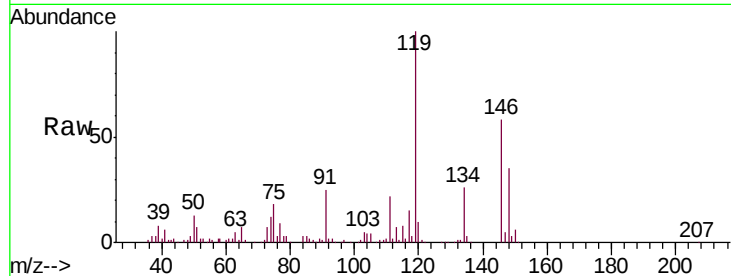




#83
 1,3-Dichlorobenzene
 Concen: 9.629 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

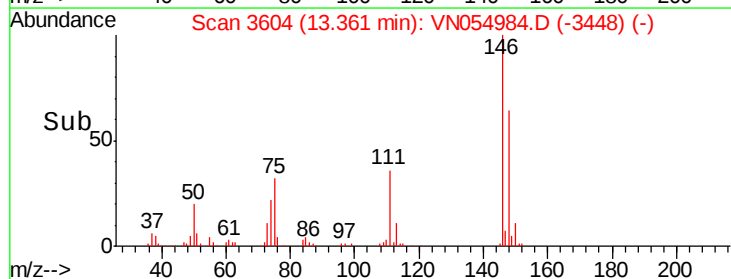
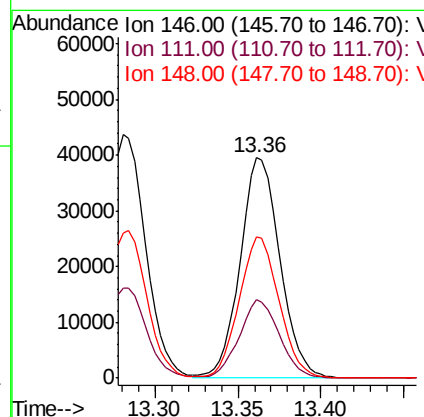
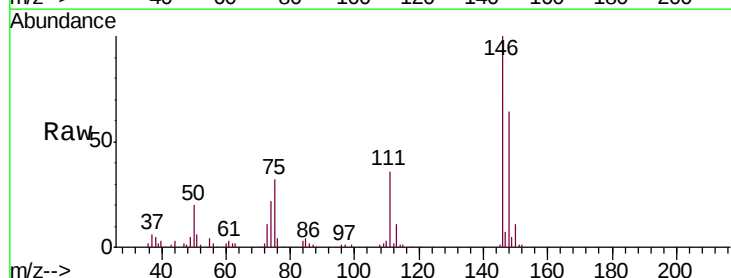
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

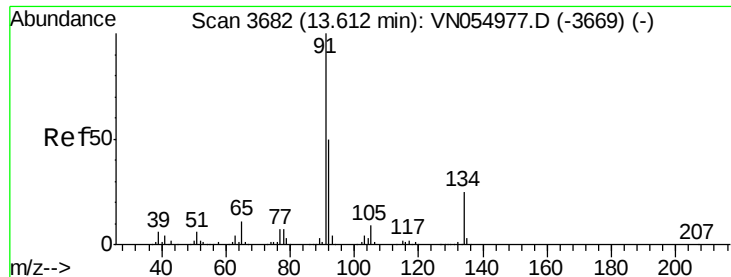
Tgt Ion:146 Resp: 73026
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.1 57.5
 148 62.0 31.9 95.5



#84
 1,4-Dichlorobenzene
 Concen: 9.216 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

Tgt Ion:146 Resp: 66414
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.4 55.2
 148 64.2 32.5 97.4

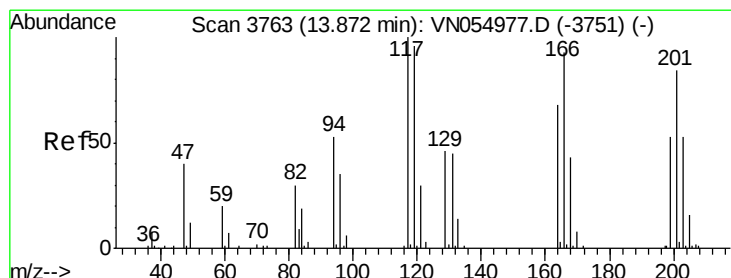
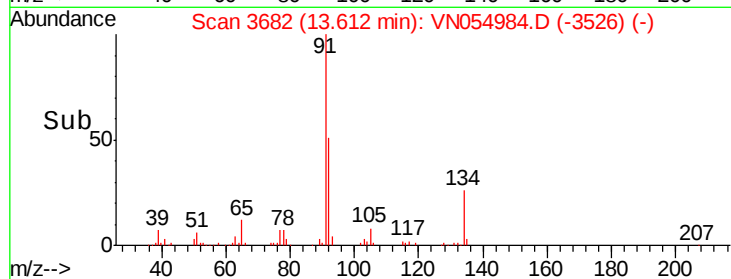
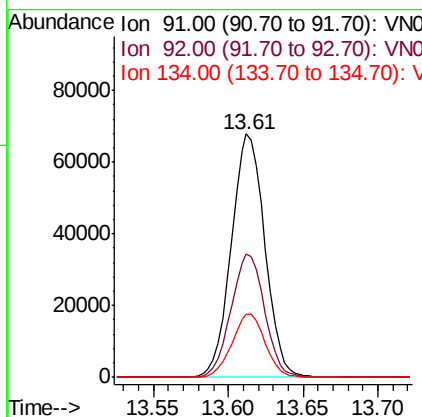
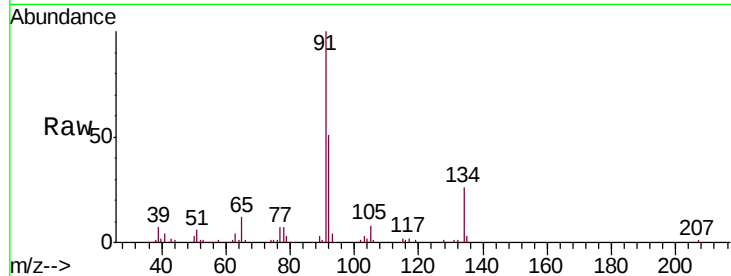




#85
n-Butylbenzene
Concen: 8.792 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

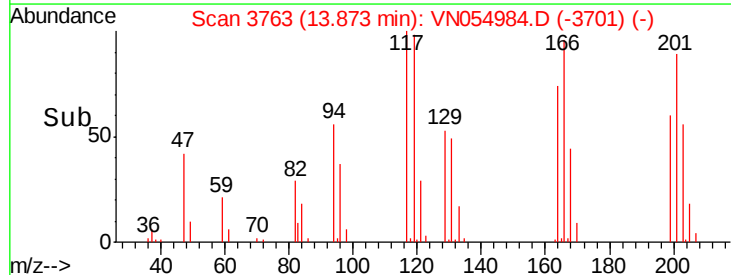
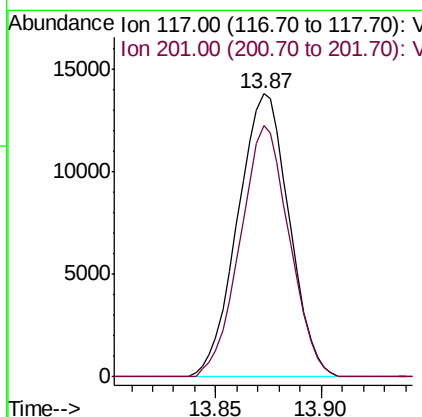
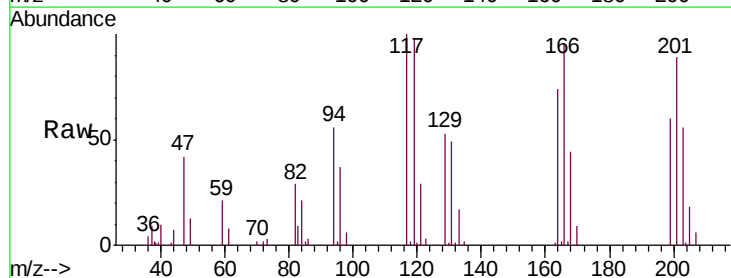
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2019

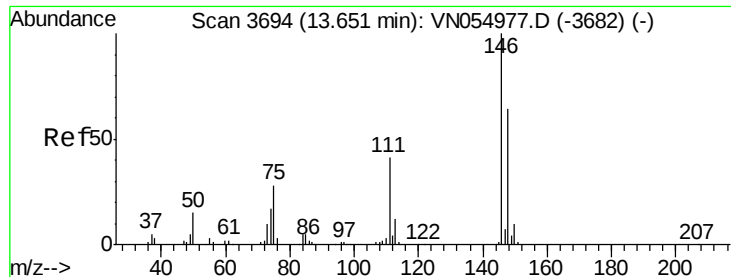
Tgt Ion: 91 Resp: 105958
Ion Ratio Lower Upper
91 100
92 50.8 0.0 101.4
134 25.7 0.0 49.8



#86
Hexachloroethane
Concen: 9.663 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN054984.D
Acq: 11 Apr 2019 18:30

Tgt Ion: 117 Resp: 23403
Ion Ratio Lower Upper
117 100
201 84.8 42.8 128.3





#87

1,2-Dichlorobenzene

Concen: 9.968 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

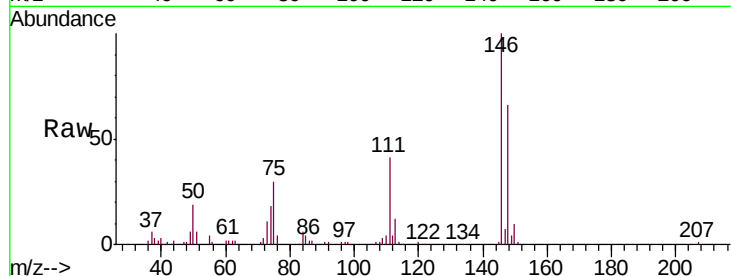
Tgt Ion:146 Resp: 74034

Ion Ratio Lower Upper

146 100

111 40.2 20.3 60.8

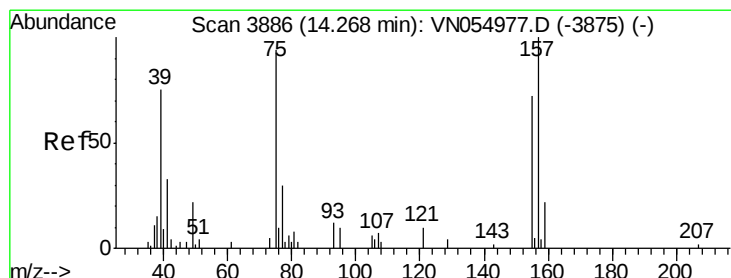
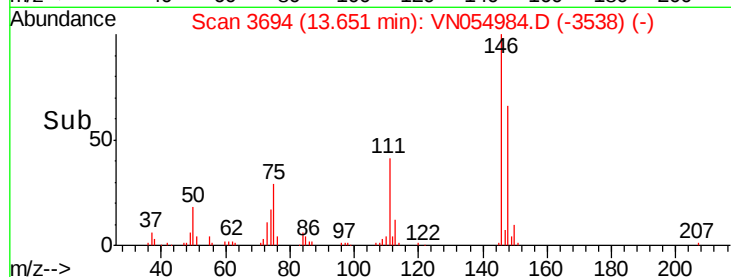
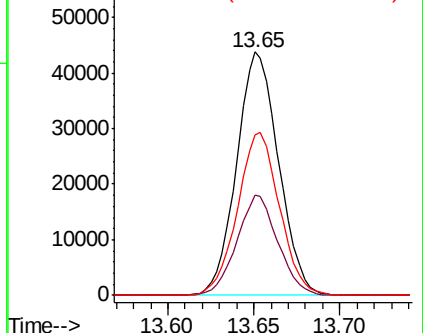
148 66.9 32.5 97.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 9.899 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

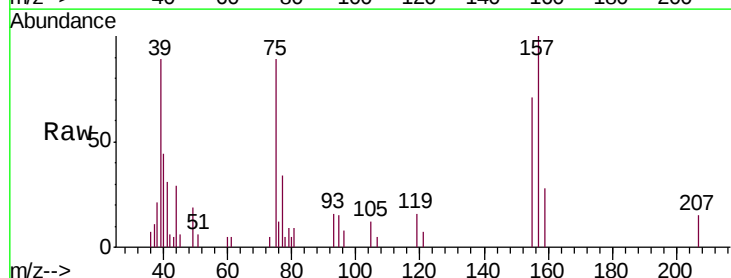
Tgt Ion: 75 Resp: 5771

Ion Ratio Lower Upper

75 100

155 78.5 61.8 92.8

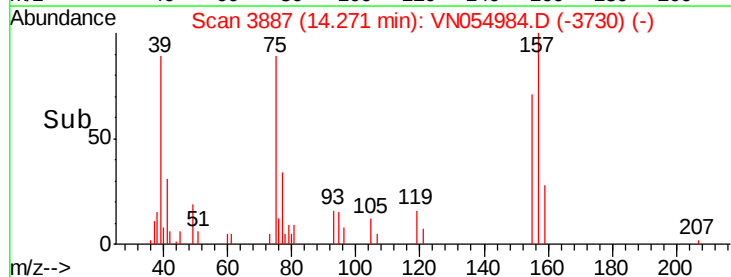
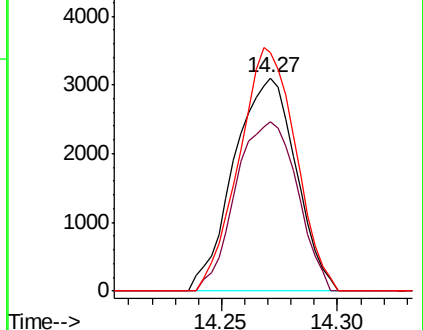
157 104.3 82.7 124.1

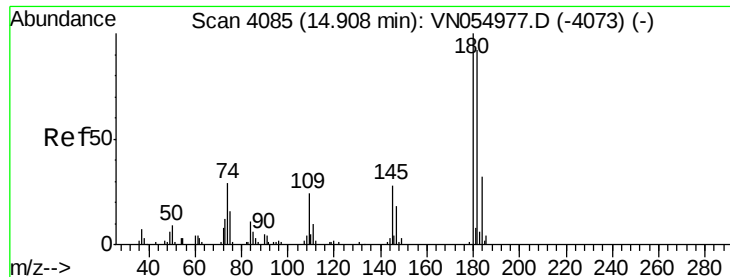


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

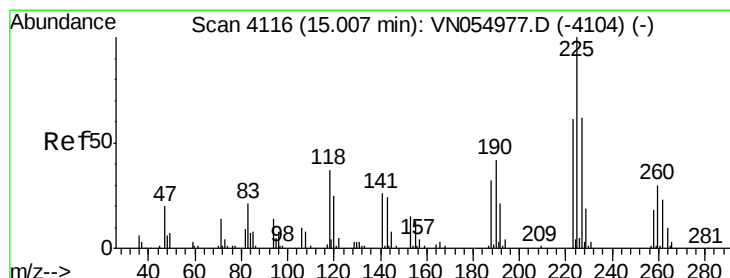
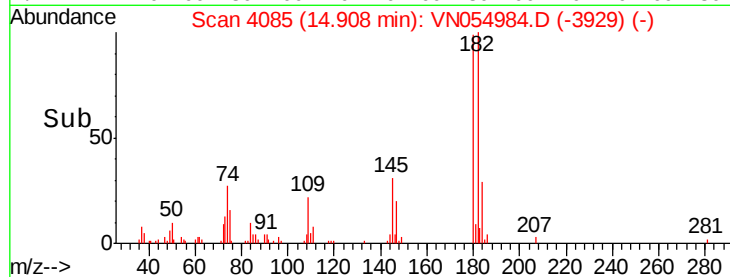
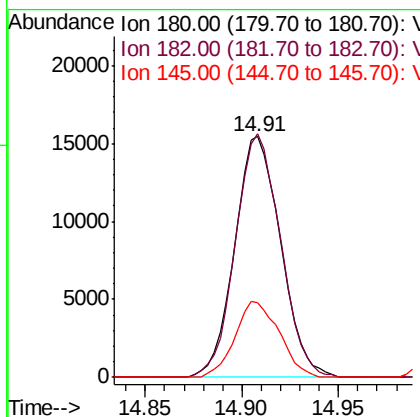
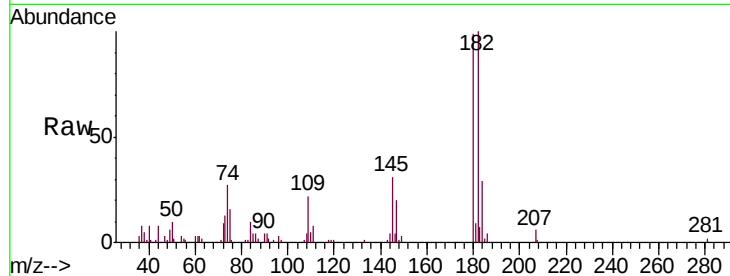




#89
 1,2,4-Trichlorobenzene
 Concen: 7.688 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

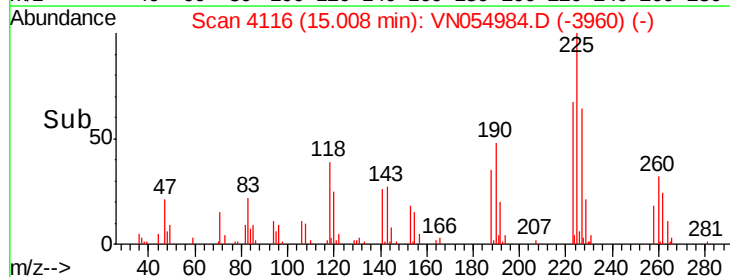
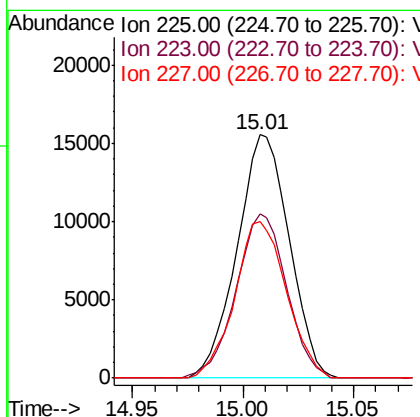
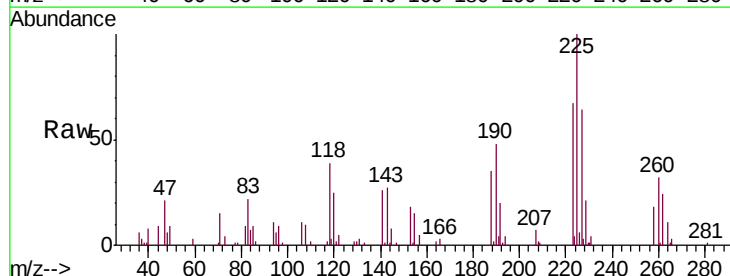
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

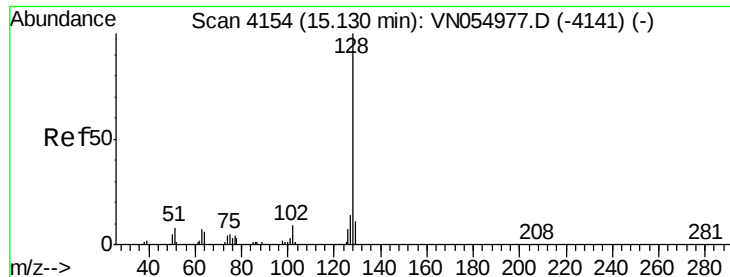
Tgt Ion:180 Resp: 25528
 Ion Ratio Lower Upper
 180 100
 182 99.4 73.2 109.8
 145 30.3 23.2 34.8



#90
 Hexachlorobutadiene
 Concen: 10.526 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054984.D
 Acq: 11 Apr 2019 18:30

Tgt Ion:225 Resp: 25481
 Ion Ratio Lower Upper
 225 100
 223 65.3 0.0 126.0
 227 63.8 0.0 125.4





#91

Naphthalene

Concen: 7.660 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2019

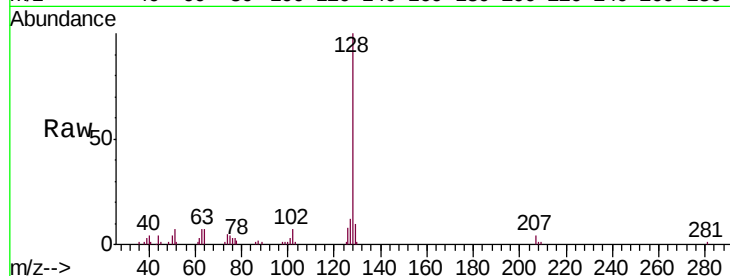
Tgt Ion:128 Resp: 53254

Ion Ratio Lower Upper

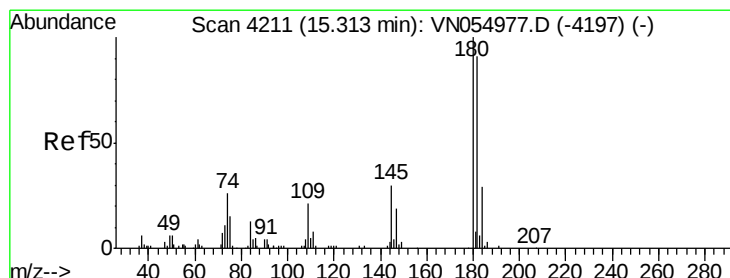
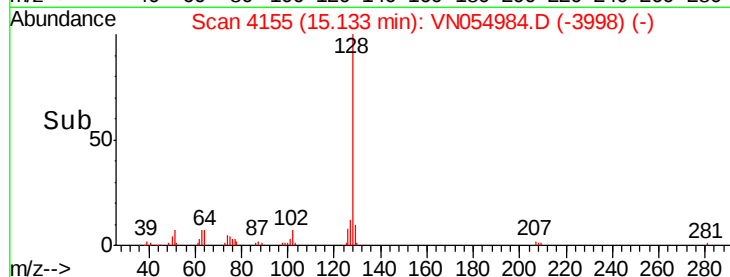
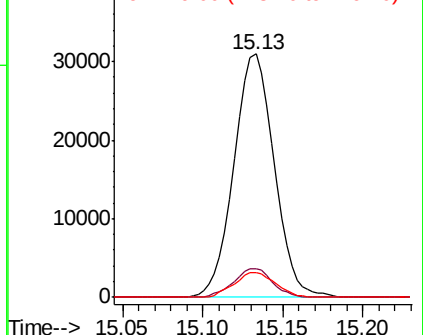
128 100

127 11.3 10.6 15.8

129 10.4 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 8.337 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN054984.D

Acq: 11 Apr 2019 18:30

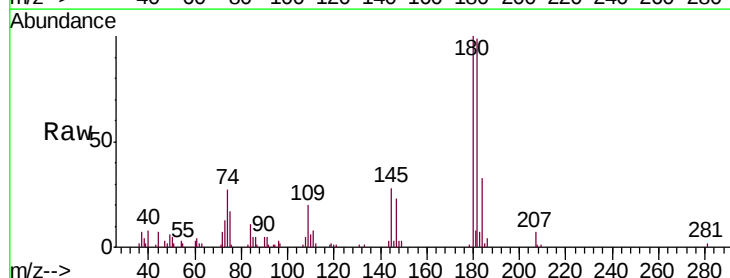
Tgt Ion:180 Resp: 27684

Ion Ratio Lower Upper

180 100

182 98.5 0.0 188.2

145 29.7 0.0 61.2



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

