

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060575.D
 Acq On : 17 Mar 2020 23:44
 Operator : JC/MD
 Sample : L1161-08 5.0PPB LOQ
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

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

Quant Time: Mar 18 09:07:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 09:02:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	345999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	313955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139499	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	139430	49.89	ug/l	0.00
Spiked Amount			Recovery	=	99.78%	
35) Dibromofluoromethane	7.56	113	102753	49.11	ug/l	0.00
Spiked Amount			Recovery	=	98.22%	
50) Toluene-d8	10.08	98	411241	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.40	95	145265	46.38	ug/l	0.00
Spiked Amount			Recovery	=	92.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	8926	4.532	ug/l	99
3) Chloromethane	2.04	50	17481	4.752	ug/l	99
4) Vinyl Chloride	2.16	62	13697	4.760	ug/l	99
5) Bromomethane	2.54	94	6348	5.111	ug/l	99
6) Chloroethane	2.68	64	8094	4.883	ug/l	93
7) Trichlorofluoromethane	3.00	101	17638	4.976	ug/l	97
8) Diethyl Ether	3.39	74	7100	4.986	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	10206	4.969	ug/l	100
10) Methyl Iodide	3.93	142	9344	5.113	ug/l	98
11) Tert butyl alcohol	4.73	59	9605	23.370	ug/l #	79
12) 1,1-Dichloroethene	3.72	96	11134	5.052	ug/l	98
13) Acrolein	3.58	56	10999	24.147	ug/l	92
14) Allyl chloride	4.30	41	19740	5.092	ug/l	92
15) Acrylonitrile	4.95	53	28714	23.759	ug/l	99
16) Acetone	3.78	43	23289	23.527	ug/l	99
17) Carbon Disulfide	4.03	76	34118	5.090	ug/l	98
18) Methyl Acetate	4.29	43	13401	4.810	ug/l	95
19) Methyl tert-butyl Ether	5.00	73	37841	4.994	ug/l	100
20) Methylene Chloride	4.52	84	12531	5.146	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	11635	4.953	ug/l	96
22) Diisopropyl ether	5.91	45	41249	5.037	ug/l	93
23) Vinyl Acetate	5.86	43	162749	24.356	ug/l	99
24) 1,1-Dichloroethane	5.82	63	22182	4.968	ug/l	97
25) 2-Butanone	6.80	43	36873	23.019	ug/l	96
26) 2,2-Dichloropropane	6.79	77	15655	4.457	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	13224	4.954	ug/l	99
28) Bromochloromethane	7.17	49	11118	5.205	ug/l #	100
29) Tetrahydrofuran	7.18	42	27231	24.027	ug/l	99
30) Chloroform	7.35	83	21502	5.024	ug/l	96
31) Cyclohexane	7.63	56	25476	5.660	ug/l #	82
32) 1,1,1-Trichloroethane	7.54	97	18219	4.938	ug/l	97
36) 1,1-Dichloropropene	7.77	75	16590	4.952	ug/l	99
37) Ethyl Acetate	6.90	43	16606	4.587	ug/l #	86
38) Carbon Tetrachloride	7.75	117	14385	4.791	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	19503	4.898	ug/l	98
40) Benzene	8.02	78	50469	4.990	ug/l	99
41) Methacrylonitrile	7.18	41	24147	15.629	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	17973	5.200	ug/l	98
43) Isopropyl Acetate	8.14	43	29013	4.860	ug/l	100
44) Trichloroethene	8.82	130	13441	5.272	ug/l	95
45) 1,2-Dichloropropane	9.10	63	13425	5.030	ug/l	98
46) Dibromomethane	9.19	93	7968	4.939	ug/l	98
47) Bromodichloromethane	9.38	83	16185	4.828	ug/l	98
48) Methyl methacrylate	9.18	41	12683	4.771	ug/l	95
49) 1,4-Dioxane	9.18	88	3190	100.965	ug/l	95
51) 4-Methyl-2-Pentanone	9.97	43	80541	23.707	ug/l	100
52) Toluene	10.14	92	29869	4.890	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	18342	4.763	ug/l	96
54) cis-1,3-Dichloropropene	9.82	75	20233	4.789	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	11424	4.862	ug/l	97
56) Ethyl methacrylate	10.42	69	15764	4.302	ug/l	95
57) 1,3-Dichloropropane	10.70	76	19936	4.889	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	44032	24.180	ug/l	99
59) 2-Hexanone	10.74	43	55583	22.712	ug/l	99
60) Dibromochloromethane	10.89	129	11389	4.692	ug/l	99
61) 1,2-Dibromoethane	10.99	107	11445	4.844	ug/l	99
64) Tetrachloroethene	10.62	164	13120	5.311	ug/l	97
65) Chlorobenzene	11.42	112	30766	4.943	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	11255	4.995	ug/l	97
67) Ethyl Benzene	11.50	91	57511	4.969	ug/l	99
68) m/p-Xylenes	11.62	106	41531	9.656	ug/l	98
69) o-Xylene	11.94	106	20171	4.913	ug/l	98
70) Styrene	11.96	104	30867	4.597	ug/l	99
71) Bromoform	12.12	173	7525	4.475	ug/l #	95
73) Isopropylbenzene	12.24	105	52712	5.035	ug/l	99
74) N-amyl acetate	12.06	43	22167	4.582	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	15748	4.974	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	20969	6.966	ug/l #	100
77) Bromobenzene	12.52	156	12916	5.120	ug/l	98
78) n-propylbenzene	12.59	91	61456	4.969	ug/l	100
79) 2-Chlorotoluene	12.67	91	37235	5.039	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	44879	5.052	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	5118	4.367	ug/l	94
82) 4-Chlorotoluene	12.77	91	38181	5.073	ug/l	99
83) tert-Butylbenzene	12.99	119	37416	5.080	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	44577	5.072	ug/l	98
85) sec-Butylbenzene	13.17	105	49720	5.021	ug/l	100
86) p-Isopropyltoluene	13.28	119	43688	4.906	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	22064	4.959	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	21800	4.877	ug/l	94
89) n-Butylbenzene	13.61	91	38151	4.745	ug/l	99
90) Hexachloroethane	13.87	117	6085	4.701	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	21339	5.016	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	3081	4.334	ug/l	94

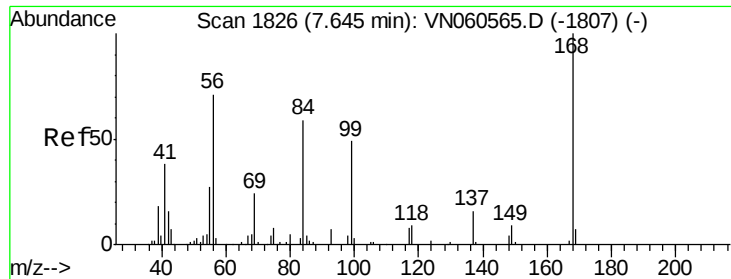
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
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Quant Title : SW846 8260
QLast Update : Wed Mar 18 09:02:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	11951	4.574	ug/l	94
94) Hexachlorobutadiene	15.00	225	6304	4.922	ug/l	97
95) Naphthalene	15.13	128	32588	4.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	11340	4.407	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

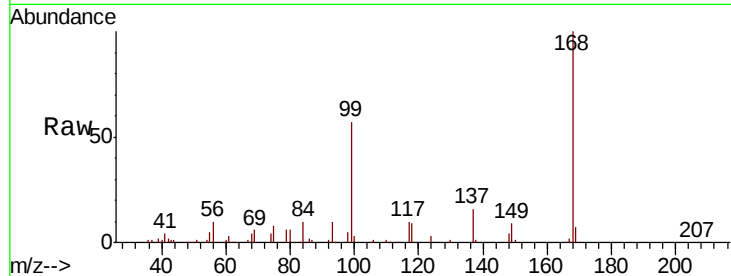
LOQ-WATER-02-QT1-2020

Tot Ion:168 Resp: 203573

Ion Ratio Lower Upper

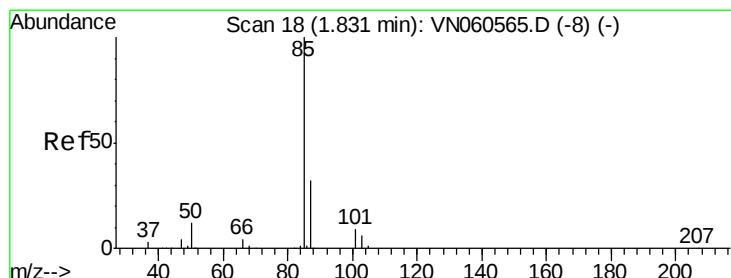
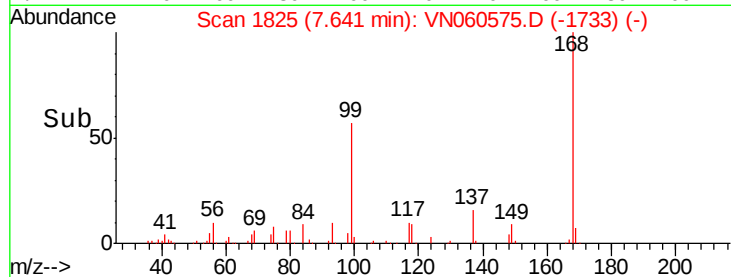
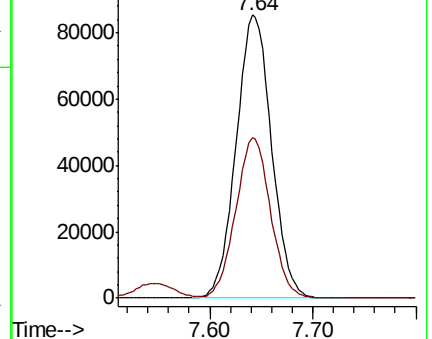
168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060575.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN060575.D (-1807) (-)



#2

Dichlorodifluoromethane

Concen: 4.532 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060575.D

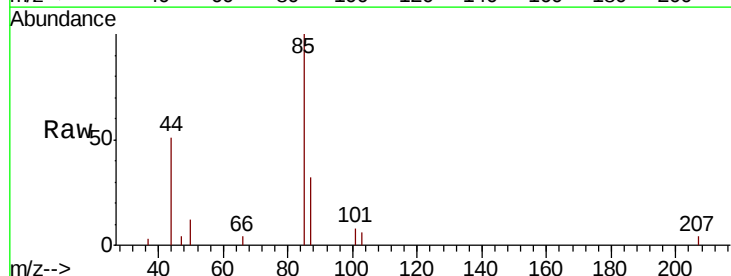
Acq: 17 Mar 2020 23:44

Tgt Ion: 85 Resp: 8926

Ion Ratio Lower Upper

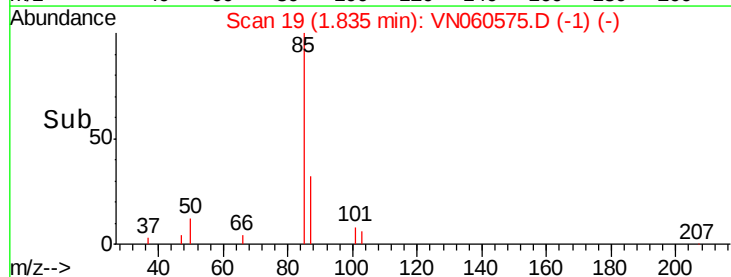
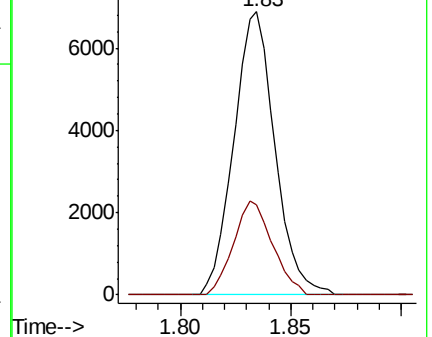
85 100

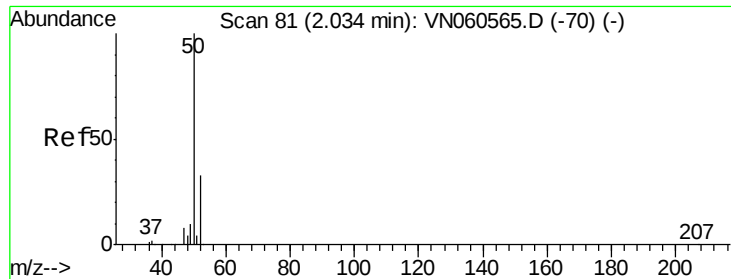
87 31.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN060575.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN060575.D (-8) (-)





#3

Chloromethane

Concen: 4.752 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

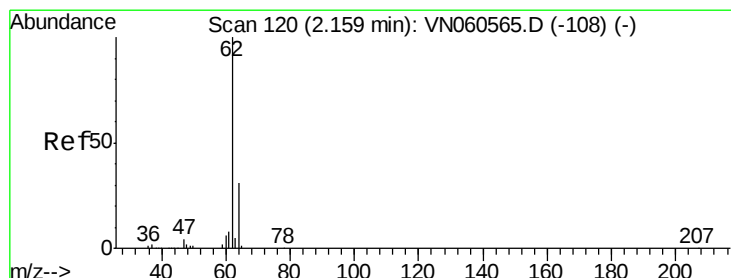
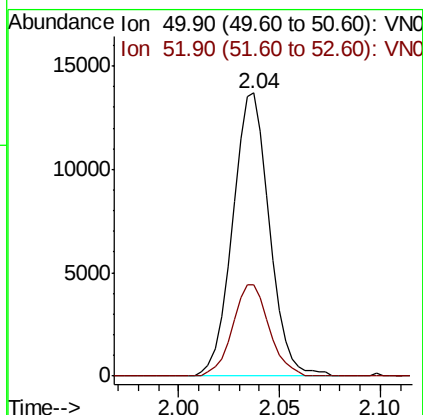
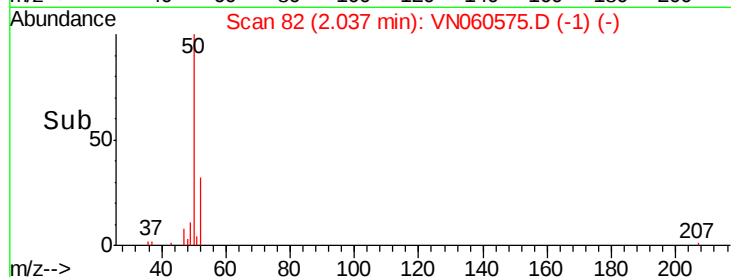
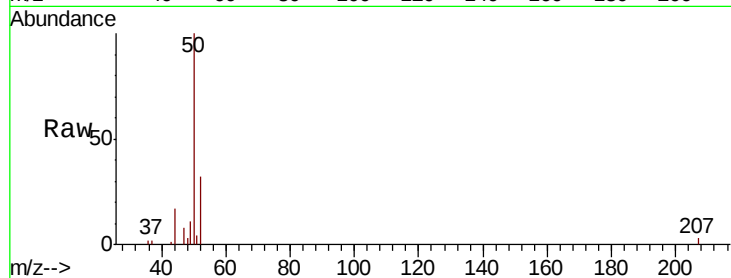
LOQ-WATER-02-QT1-2020

Tot Ion: 50 Resp: 17481

Ion Ratio Lower Upper

50 100

52 32.1 26.2 39.2



#4

Vinyl Chloride

Concen: 4.760 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060575.D

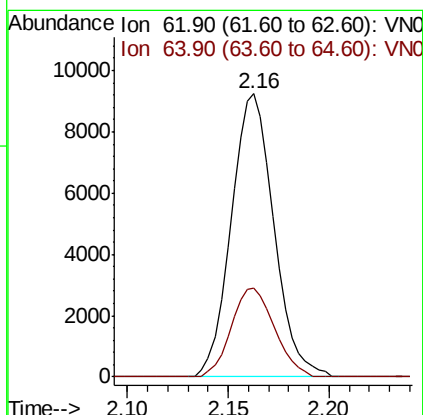
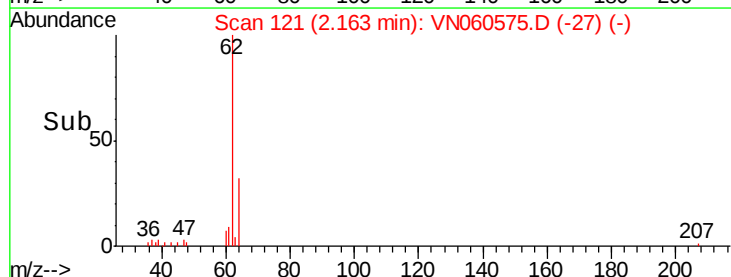
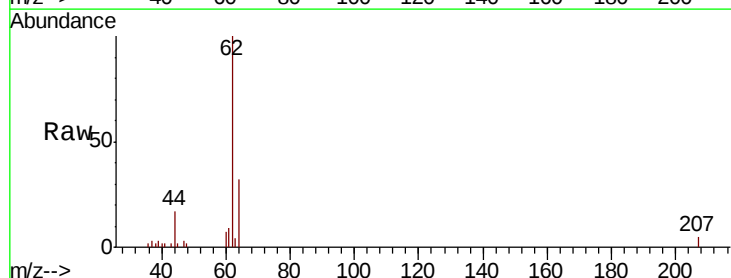
Acq: 17 Mar 2020 23:44

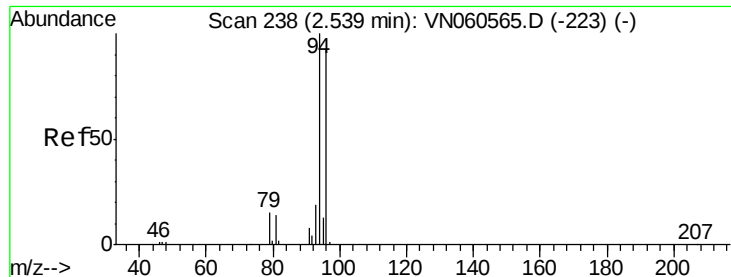
Tgt Ion: 62 Resp: 13697

Ion Ratio Lower Upper

62 100

64 31.6 24.7 37.1

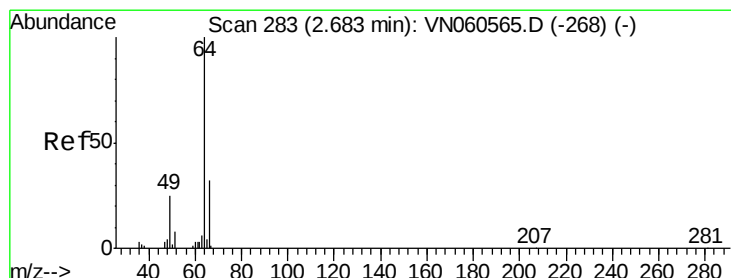
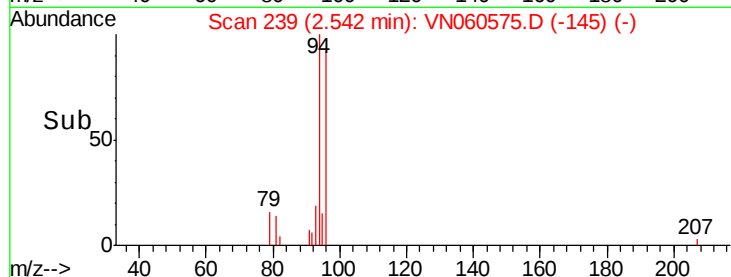
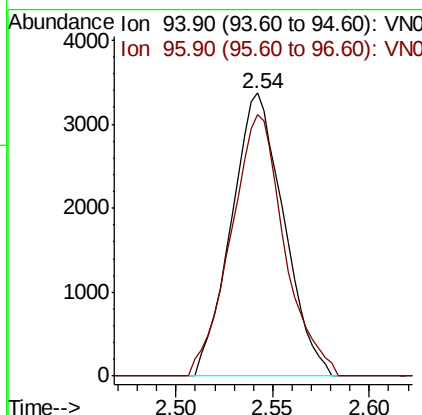
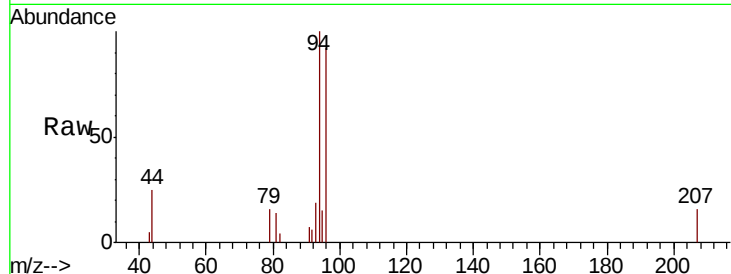




#5
Bromomethane
Concen: 5.111 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

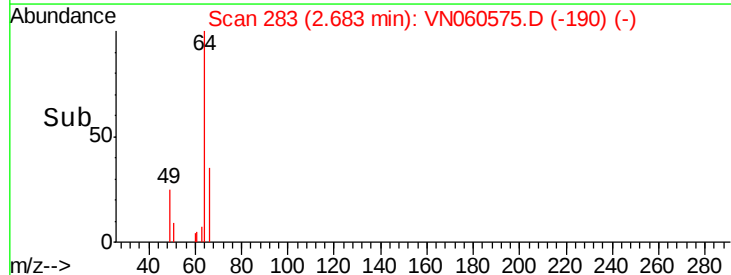
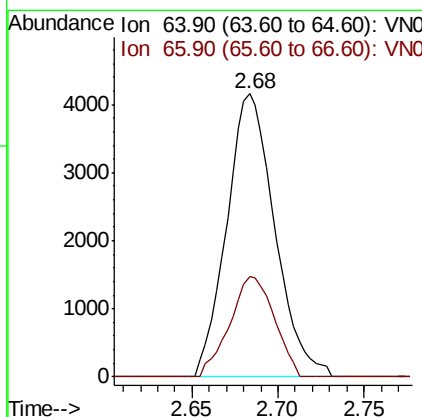
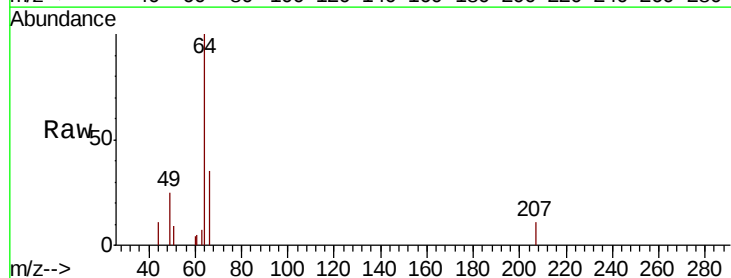
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion: 94 Resp: 6348
Ion Ratio Lower Upper
94 100
96 92.3 74.6 112.0



#6
Chloroethane
Concen: 4.883 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

Tgt Ion: 64 Resp: 8094
Ion Ratio Lower Upper
64 100
66 35.4 25.3 37.9



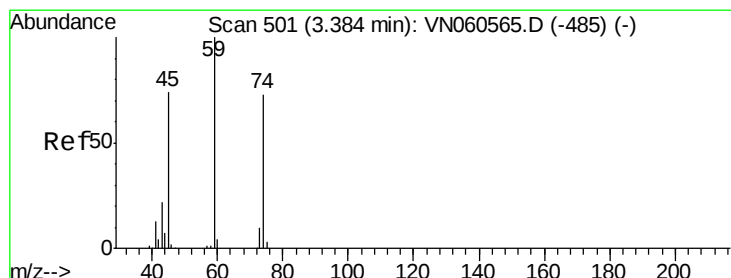
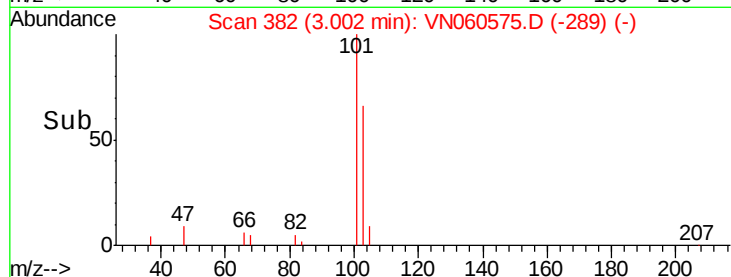
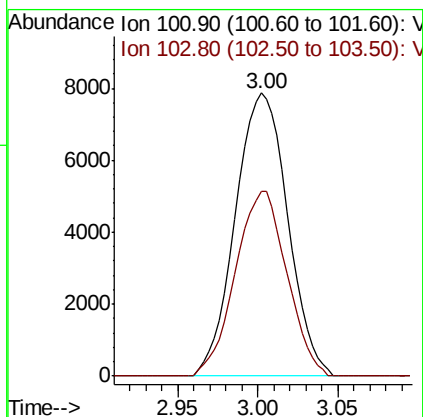
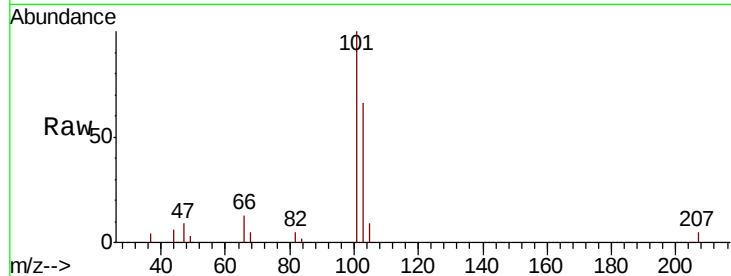


#7

Trichlorofluoromethane
 Concen: 4.976 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN060575.D
 Acq: 17 Mar 2020 23:44

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

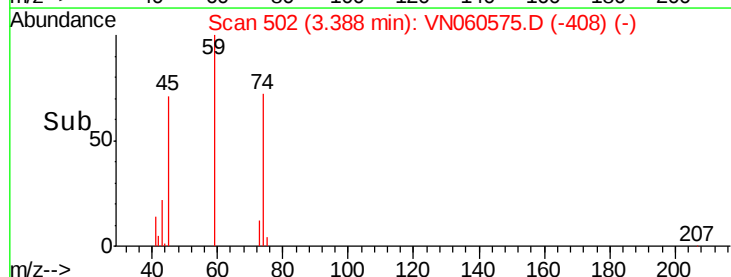
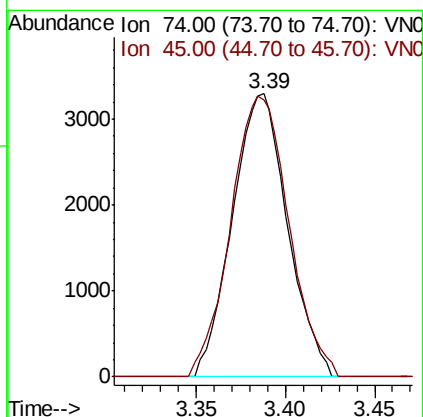
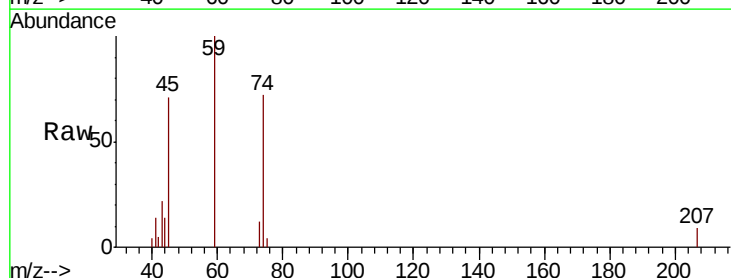
Tot Ion:101 Resp: 17638
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.6 76.0

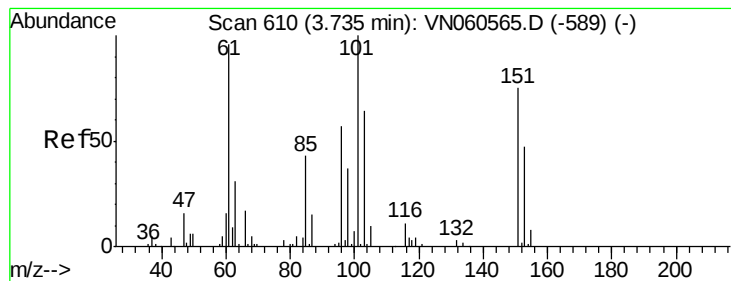


#8

Diethyl Ether
 Concen: 4.986 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN060575.D
 Acq: 17 Mar 2020 23:44

Tgt Ion: 74 Resp: 7100
 Ion Ratio Lower Upper
 74 100
 45 104.6 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.969 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

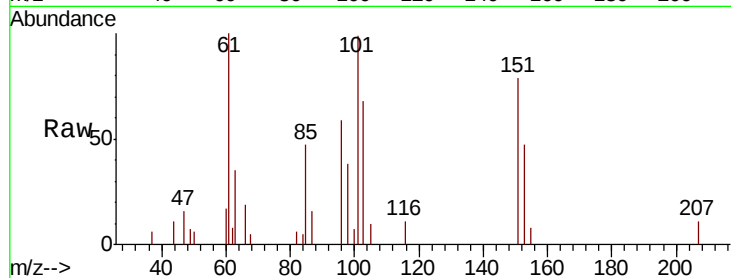
Tot Ion:101 Resp: 10206

Ion Ratio Lower Upper

101 100

85 44.4 35.6 53.4

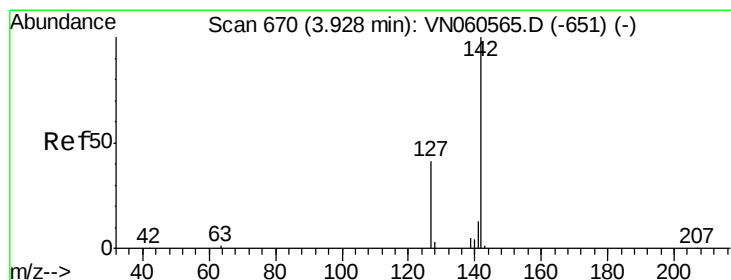
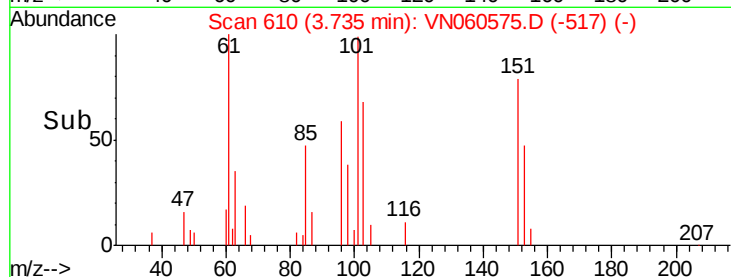
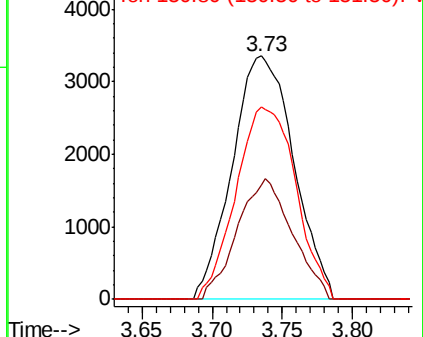
151 77.0 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.113 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

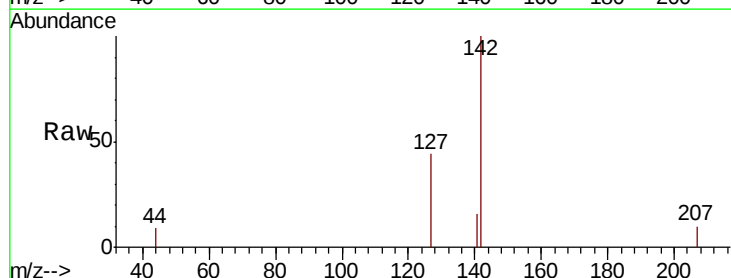
Tgt Ion:142 Resp: 9344

Ion Ratio Lower Upper

142 100

127 42.7 33.5 50.3

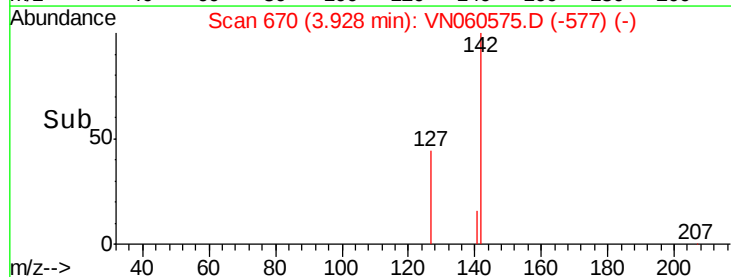
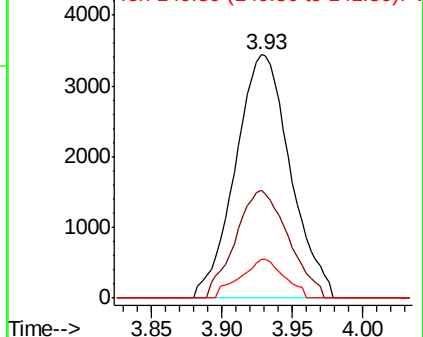
141 12.8 11.0 16.6

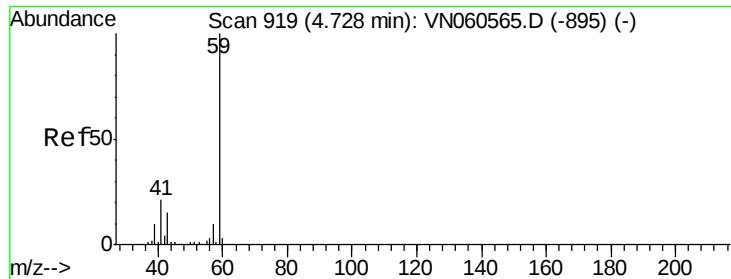


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



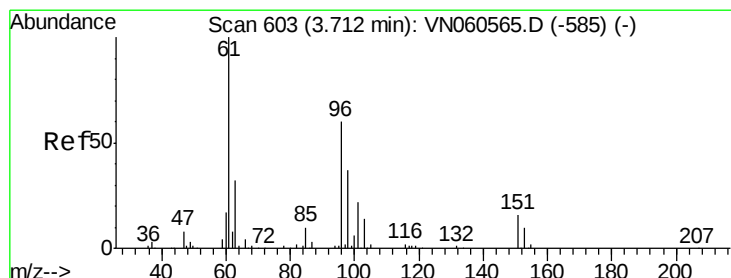
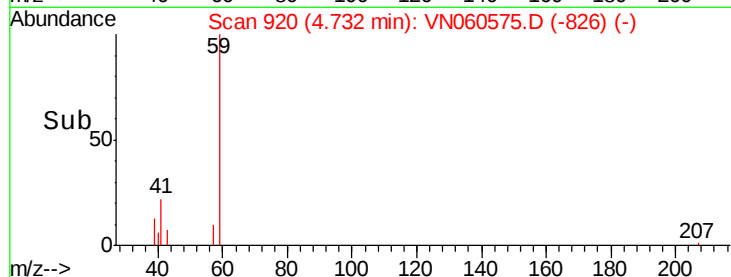
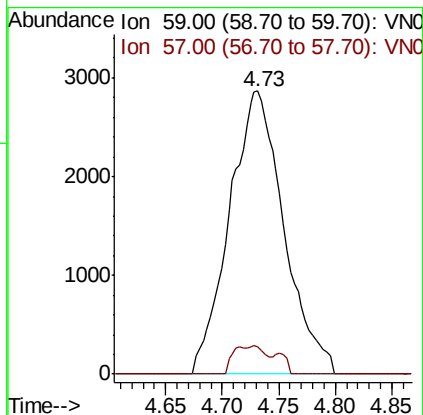
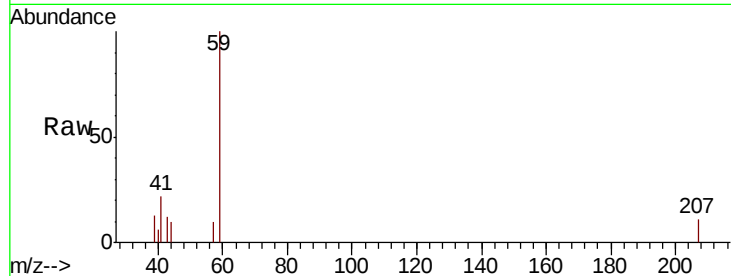


#11

Tert butyl alcohol
 Concen: 23.370 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN060575.D
 Acq: 17 Mar 2020 23:44

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

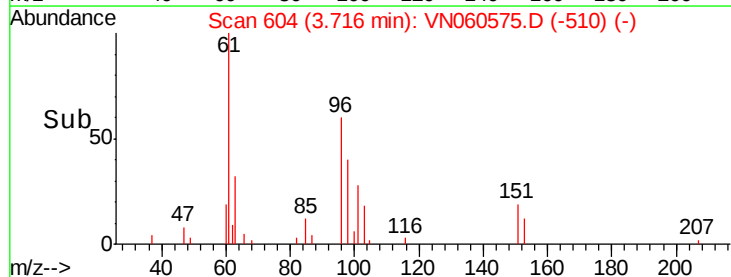
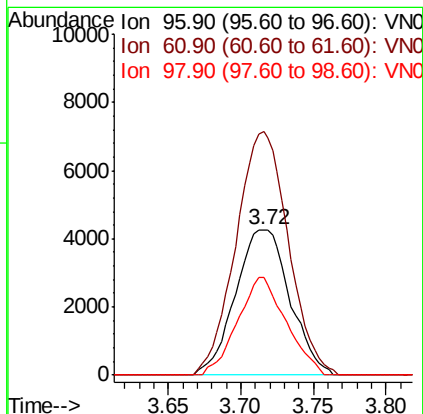
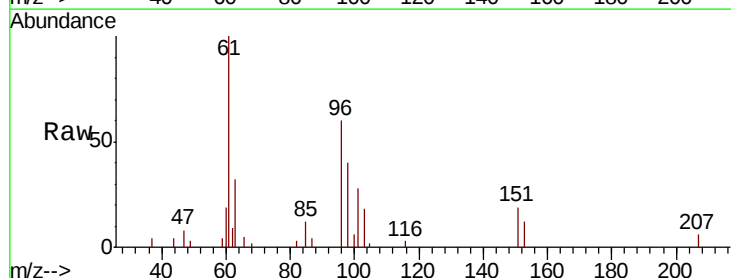
Tot Ion: 59 Resp: 9605
 Ion Ratio Lower Upper
 59 100
 57 2.3 8.2 12.4#

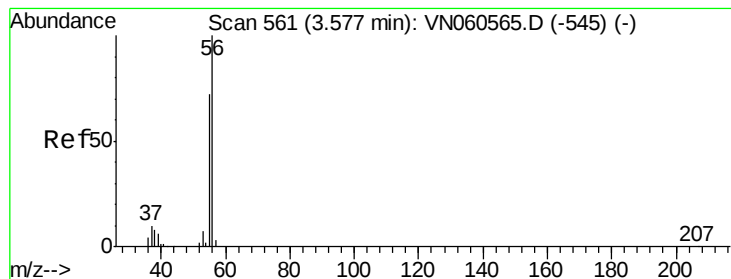


#12

1,1-Dichloroethene
 Concen: 5.052 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060575.D
 Acq: 17 Mar 2020 23:44

Tgt Ion: 96 Resp: 11134
 Ion Ratio Lower Upper
 96 100
 61 167.3 134.1 201.1
 98 67.2 49.9 74.9





#13

Acrolein

Concen: 24.147 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

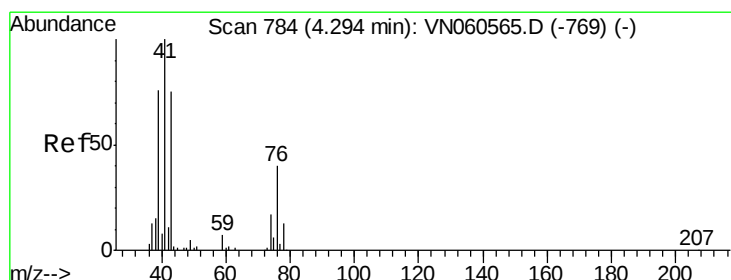
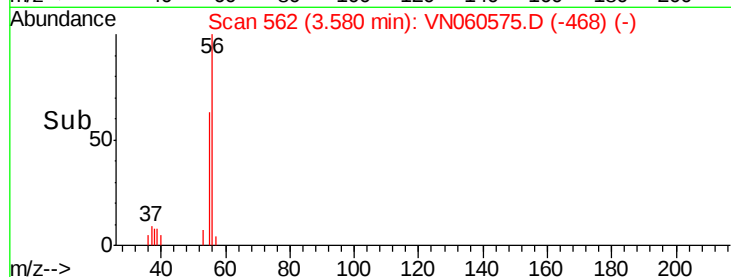
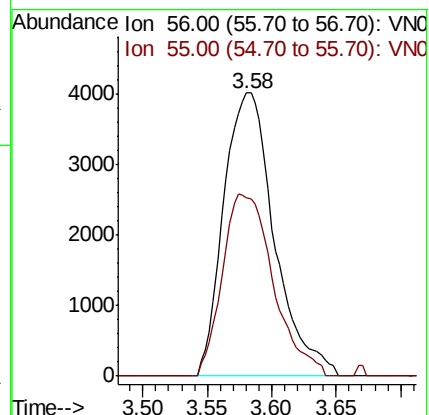
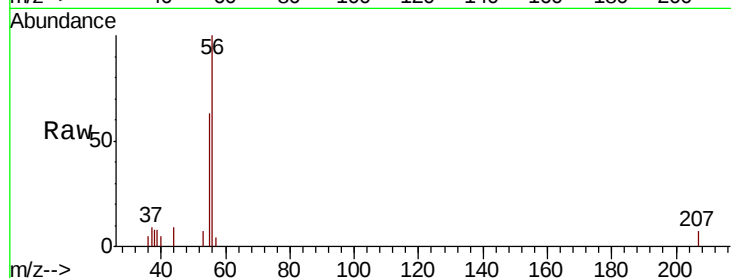
LOQ-WATER-02-QT1-2020

Tot Ion: 56 Resp: 10999

Ion Ratio Lower Upper

56 100

55 64.4 56.7 85.1



#14

Allyl chloride

Concen: 5.092 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

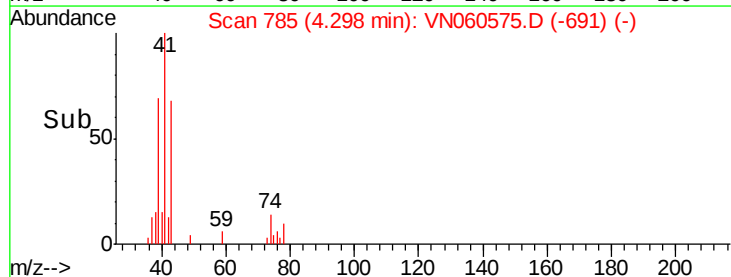
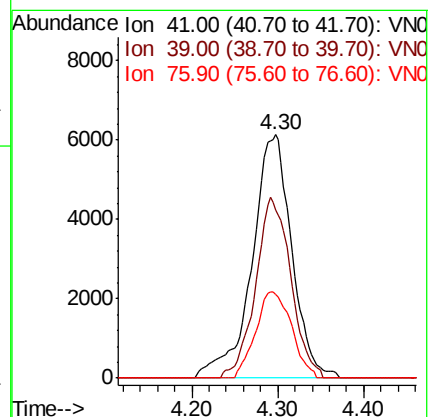
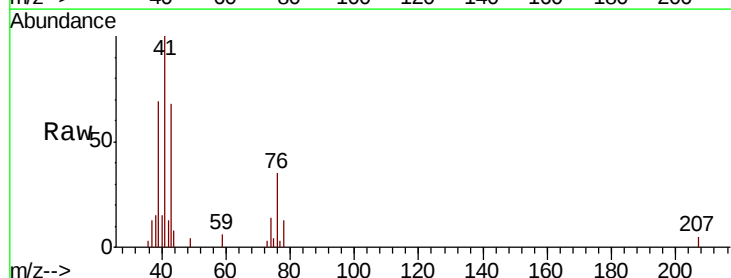
Tgt Ion: 41 Resp: 19740

Ion Ratio Lower Upper

41 100

39 65.6 57.8 86.8

76 31.9 28.6 43.0





#15

Acrylonitrile

Concen: 23.759 ug/l

RT: 4.95 min Scan# 988

Delta R.T. 0.01 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

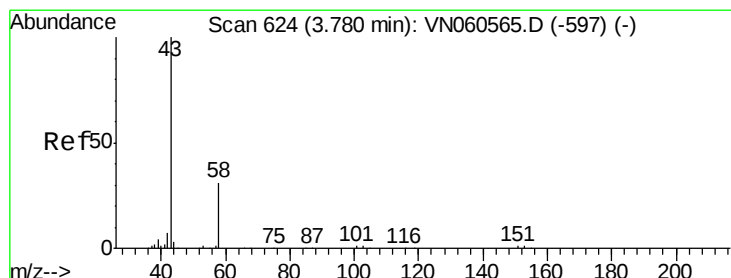
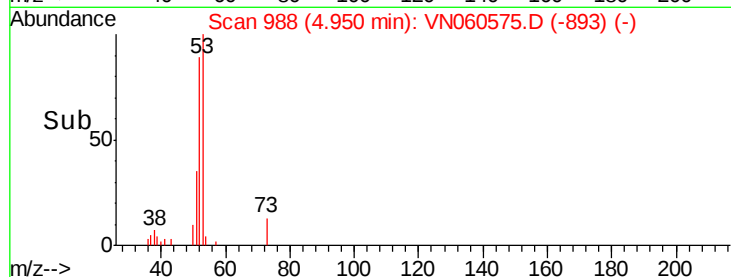
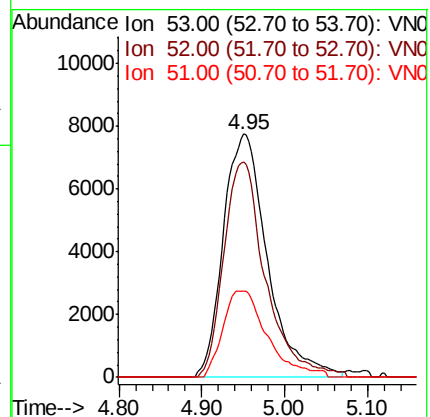
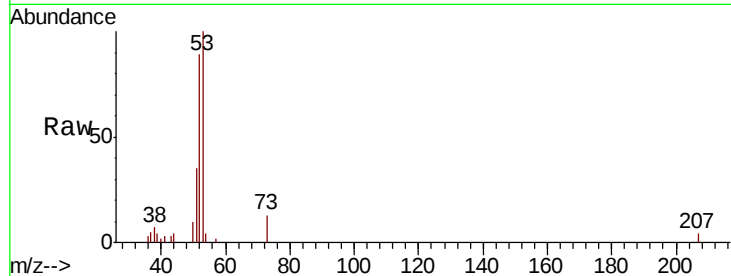
Tot Ion: 53 Resp: 28714

Ion Ratio Lower Upper

53 100

52 83.5 66.2 99.4

51 35.9 28.7 43.1



#16

Acetone

Concen: 23.527 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060575.D

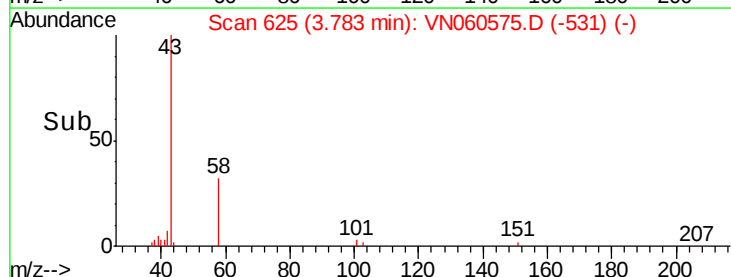
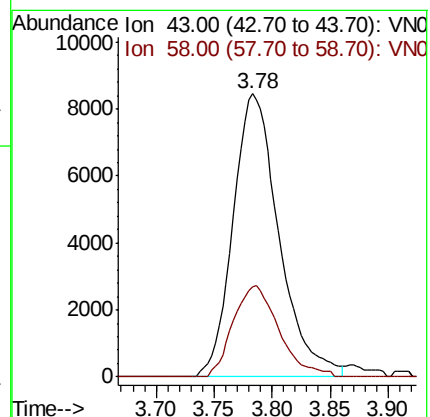
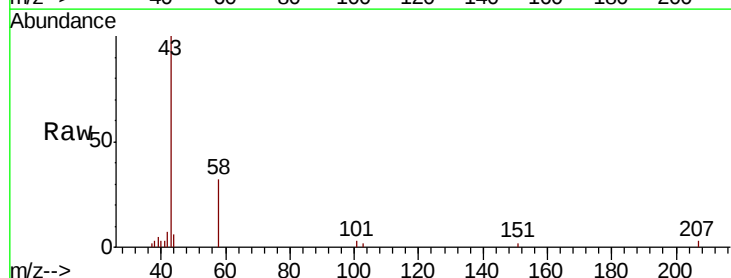
Acq: 17 Mar 2020 23:44

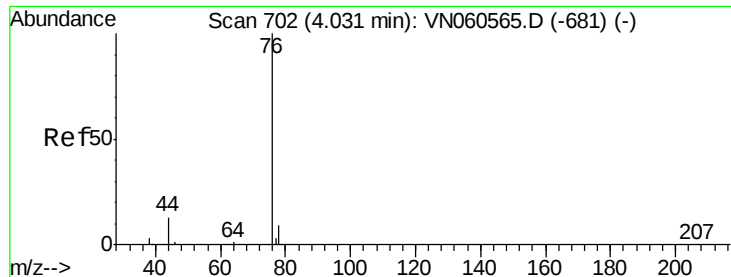
Tgt Ion: 43 Resp: 23289

Ion Ratio Lower Upper

43 100

58 32.0 25.1 37.7

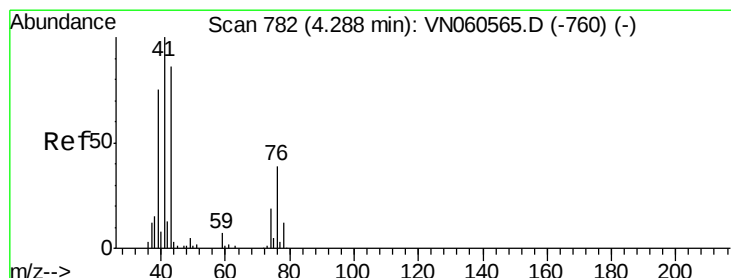
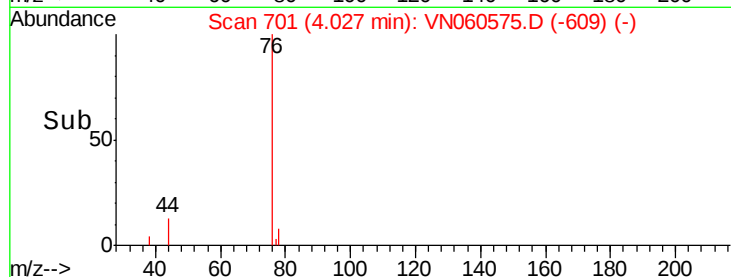
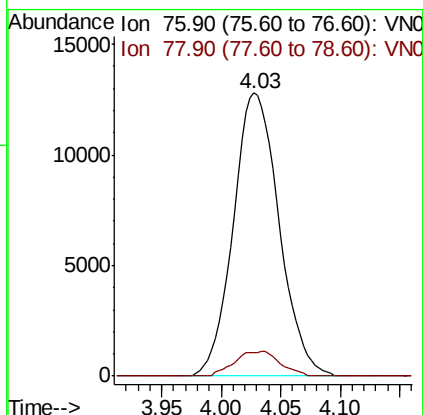
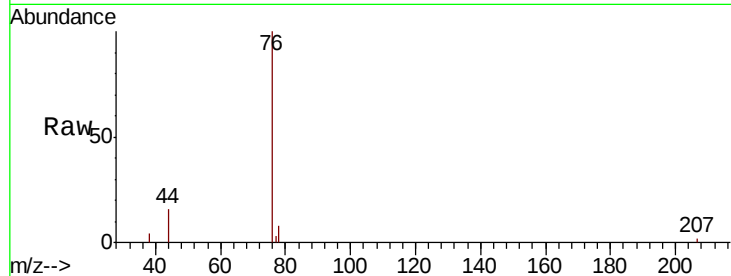




#17
Carbon Disulfide
Concen: 5.090 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

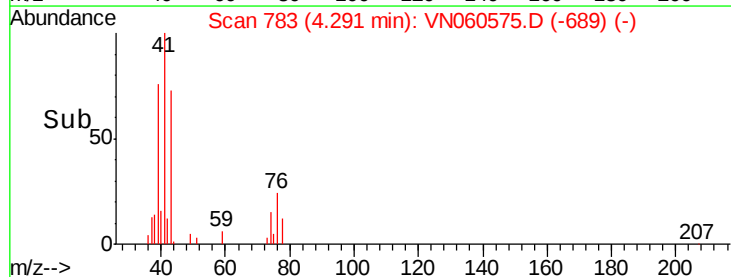
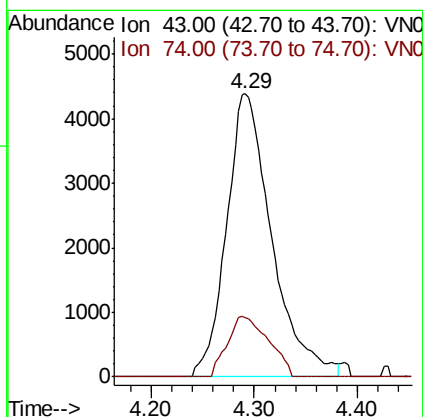
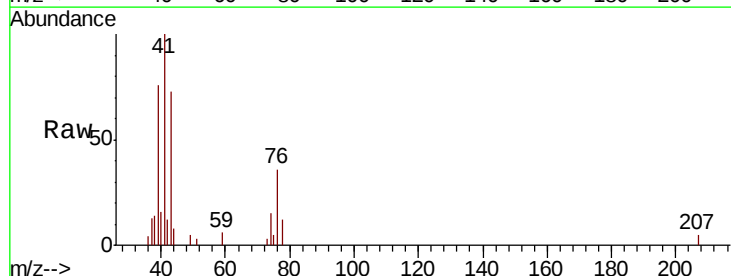
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

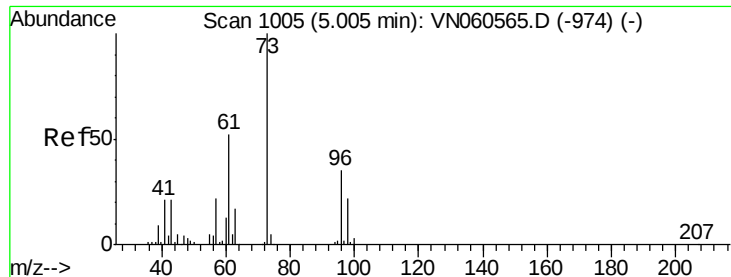
Tot Ion: 76 Resp: 34118
Ion Ratio Lower Upper
76 100
78 8.1 7.2 10.8



#18
Methyl Acetate
Concen: 4.810 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

Tgt Ion: 43 Resp: 13401
Ion Ratio Lower Upper
43 100
74 19.5 17.5 26.3

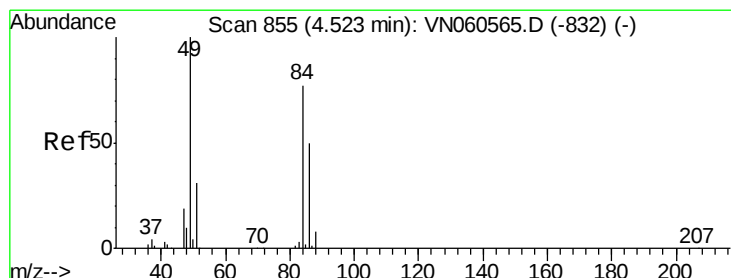
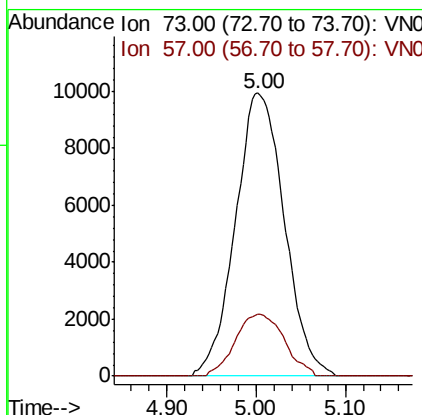
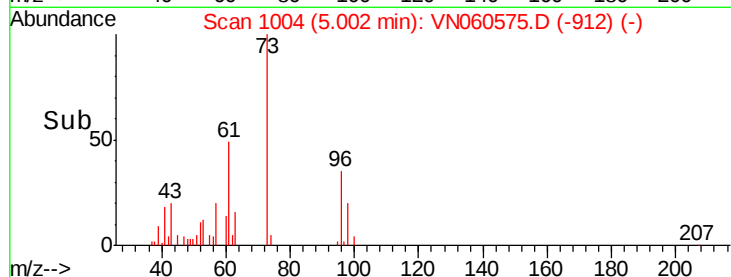
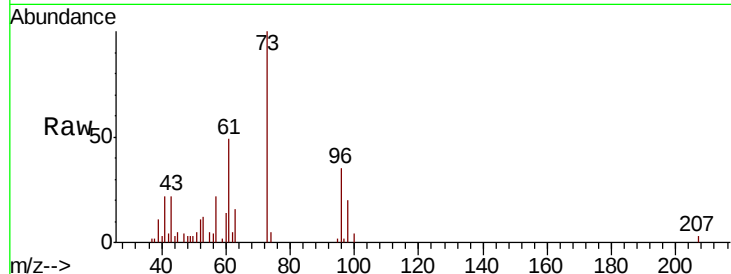




#19
Methyl tert-butyl Ether
Concen: 4.994 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

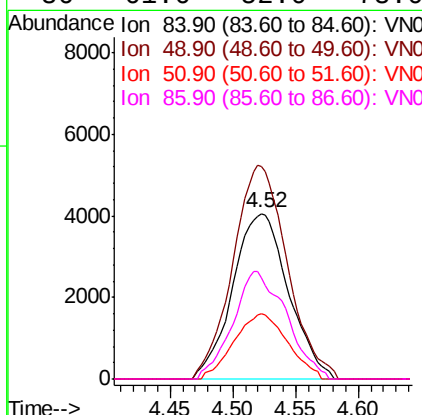
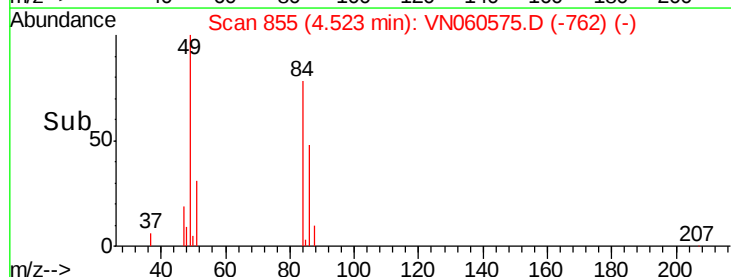
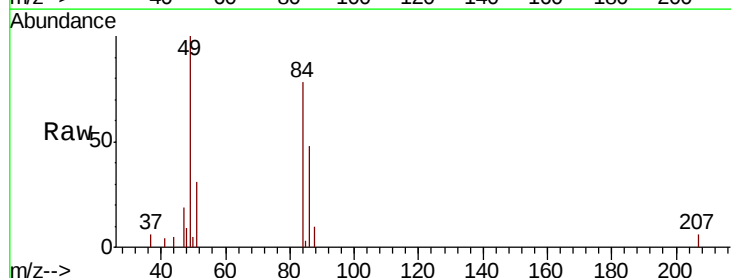
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

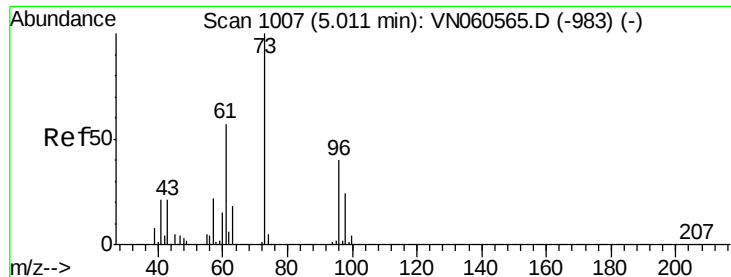
Tot Ion: 73 Resp: 37841
Ion Ratio Lower Upper
73 100
57 22.0 17.5 26.3



#20
Methylene Chloride
Concen: 5.146 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

Tgt Ion: 84 Resp: 12531
Ion Ratio Lower Upper
84 100
49 129.0 103.3 154.9
51 39.7 31.6 47.4
86 61.6 52.0 78.0

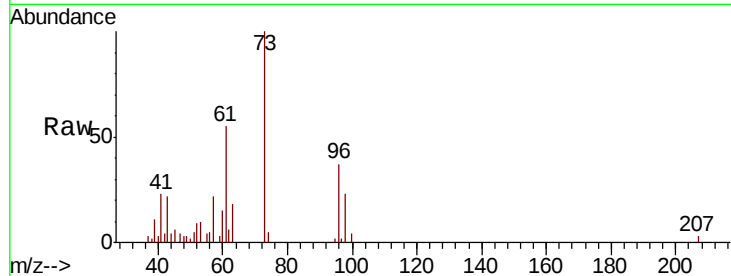




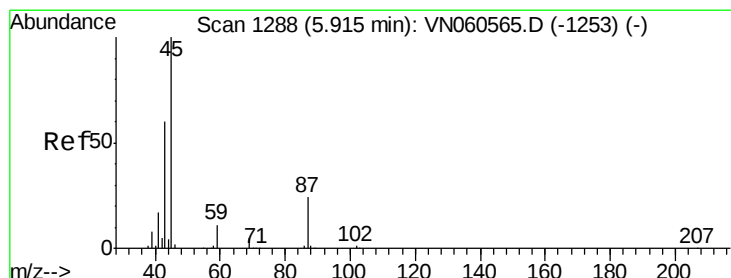
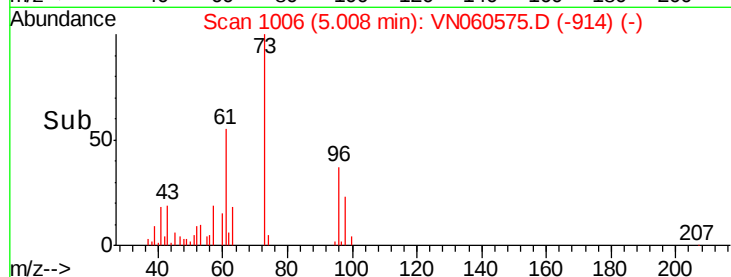
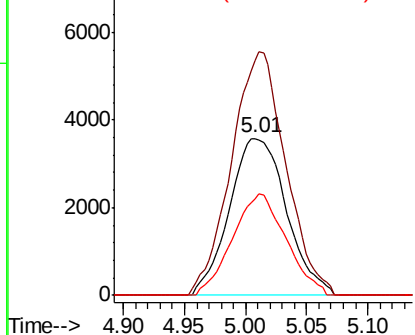
#21
trans-1,2-Dichloroethene
Concen: 4.953 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

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

Tot Ion: 96 Resp: 11635
Ion Ratio Lower Upper
96 100
61 149.9 114.4 171.6
98 61.7 48.4 72.6

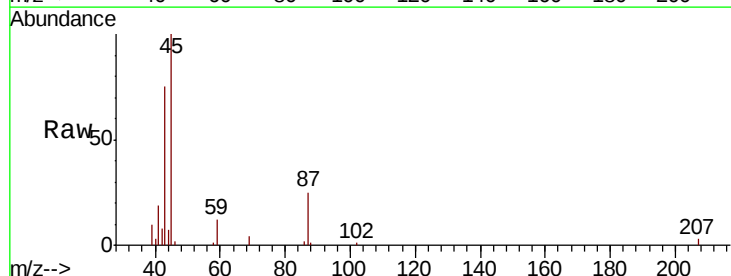


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

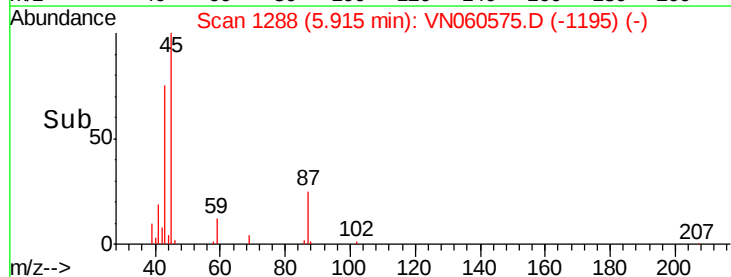
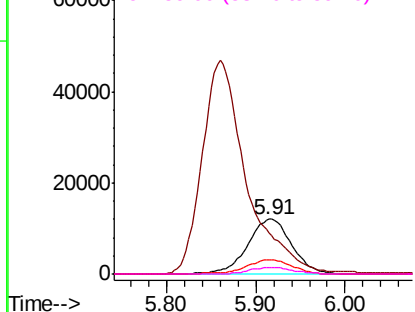


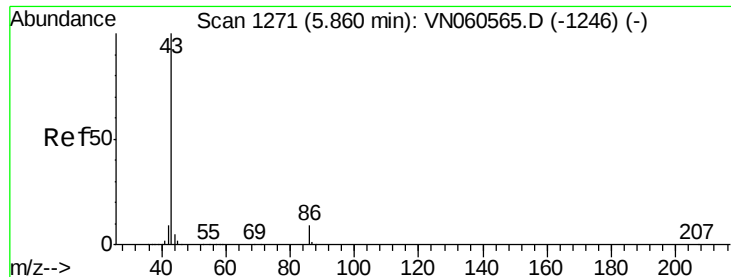
#22
Diisopropyl ether
Concen: 5.037 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

Tgt Ion: 45 Resp: 41249
Ion Ratio Lower Upper
45 100
43 70.9 49.8 74.8
87 25.4 20.1 30.1
59 11.8 9.2 13.8



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





#23

Vinyl Acetate

Concen: 24.356 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

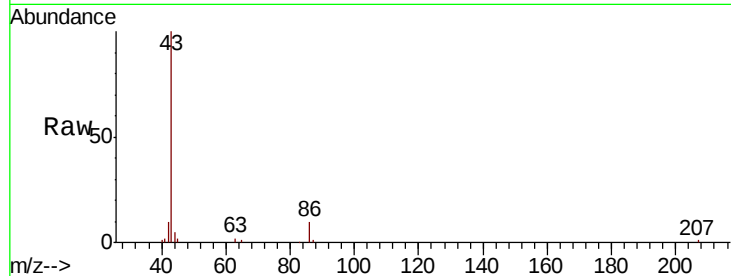
LOQ-WATER-02-QT1-2020

Tot Ion: 43 Resp: 162749

Ion Ratio Lower Upper

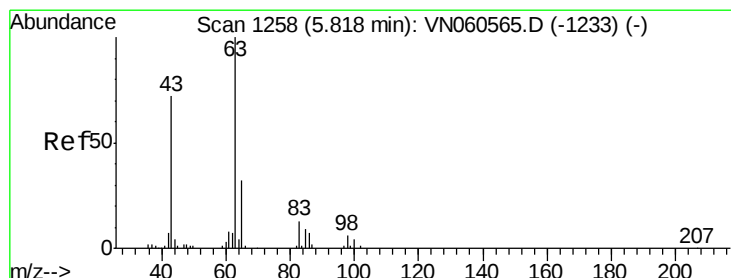
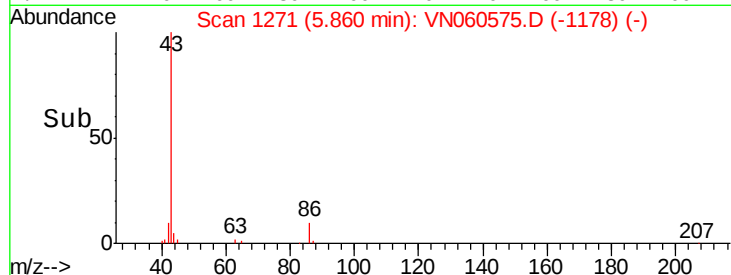
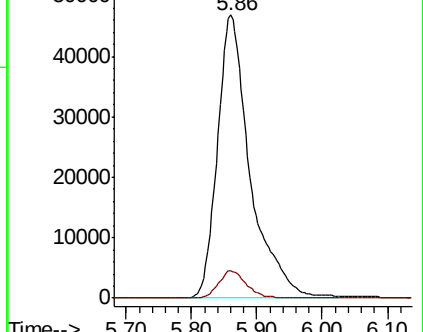
43 100

86 9.7 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1246) (-)

Ion 86.00 (85.70 to 86.70): VN060565.D (-1246) (-)



#24

1,1-Dichloroethane

Concen: 4.968 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

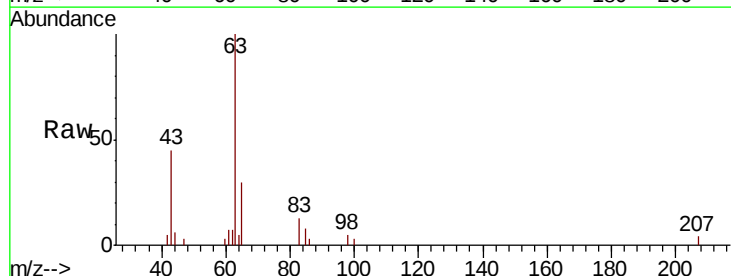
Tgt Ion: 63 Resp: 22182

Ion Ratio Lower Upper

63 100

98 4.9 2.9 8.7

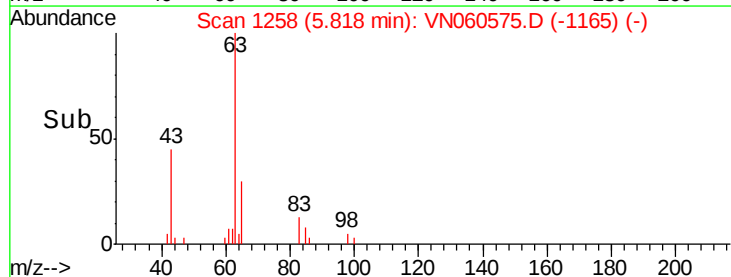
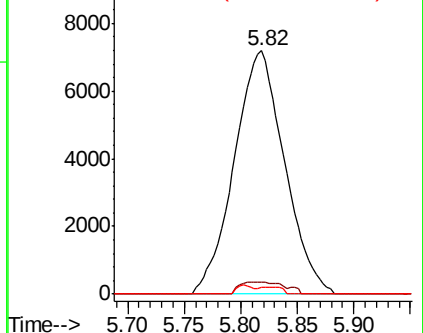
100 2.6 1.8 5.5

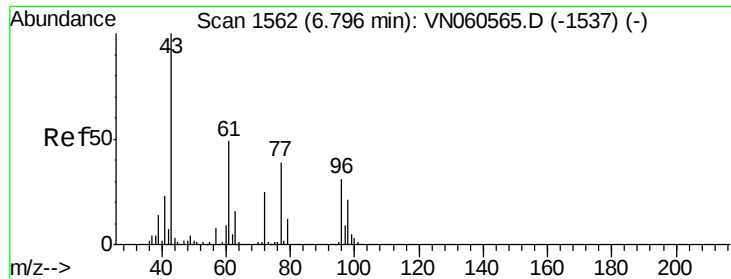


Abundance Ion 62.90 (62.60 to 63.60): VN060565.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN060565.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN060565.D (-1233) (-)





#25

2-Butanone

Concen: 23.019 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

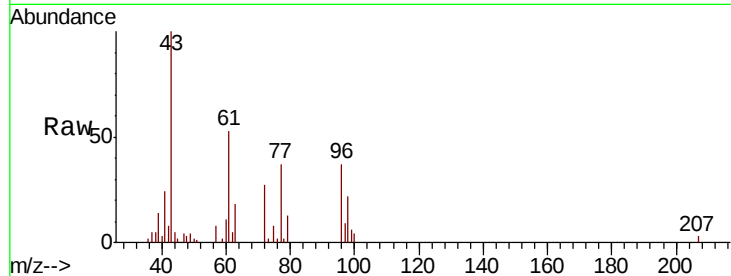
LOQ-WATER-02-QT1-2020

Tot Ion: 43 Resp: 36873

Ion Ratio Lower Upper

43 100

72 27.3 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VN060575.D (-1537) (-)

Ion 72.00 (71.70 to 72.70): VN060575.D (-1537) (-)

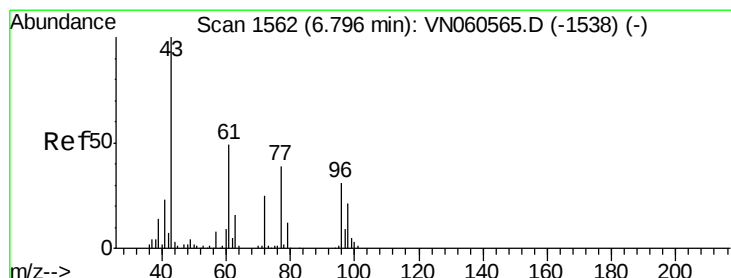
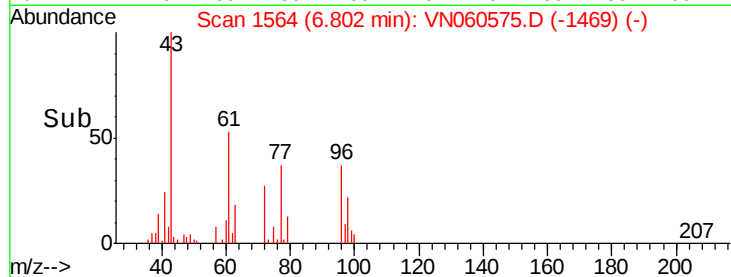
6.80

10000

5000

0

Time-->



#26

2,2-Dichloropropane

Concen: 4.457 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060575.D

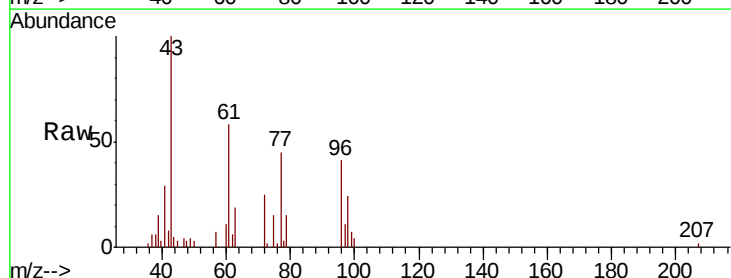
Acq: 17 Mar 2020 23:44

Tgt Ion: 77 Resp: 15655

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1



Abundance Ion 76.90 (76.60 to 77.60): VN060575.D (-1469) (-)

Ion 96.90 (96.60 to 97.60): VN060575.D (-1469) (-)

6.79

5000

4000

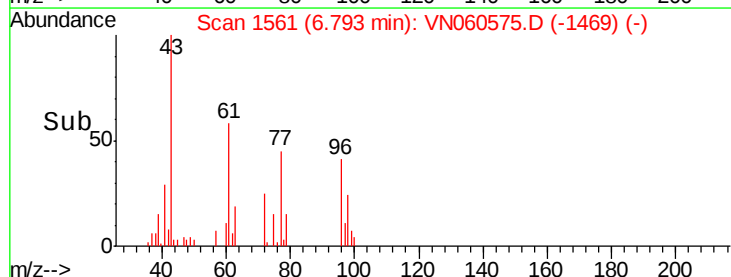
3000

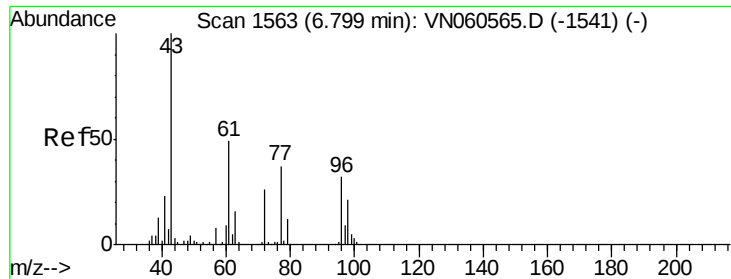
2000

1000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 4.954 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

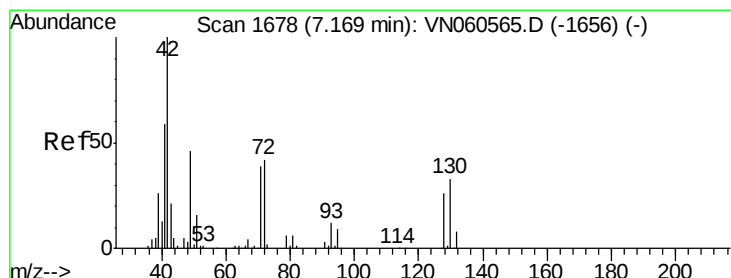
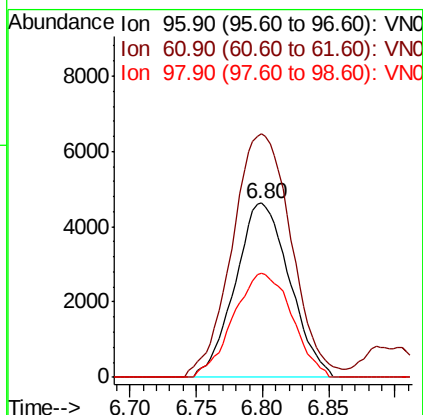
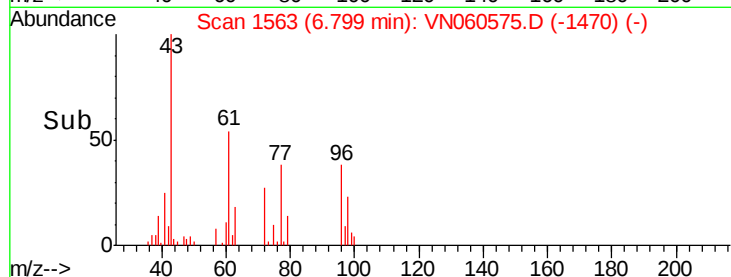
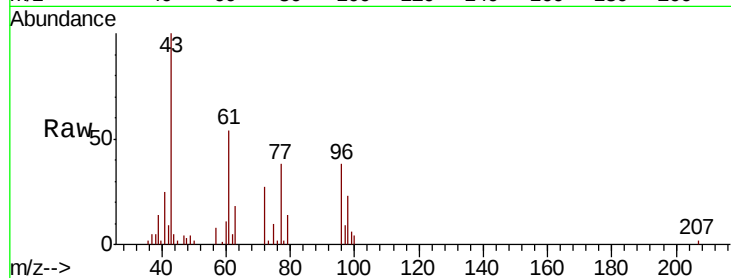
Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

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

Tot Ion: 96 Resp: 13224

Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	305.6
98	64.1	0.0	127.6



#28

Bromochloromethane

Concen: 5.205 ug/l

RT: 7.17 min Scan# 1678

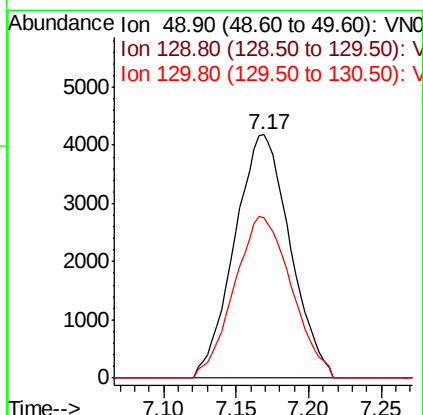
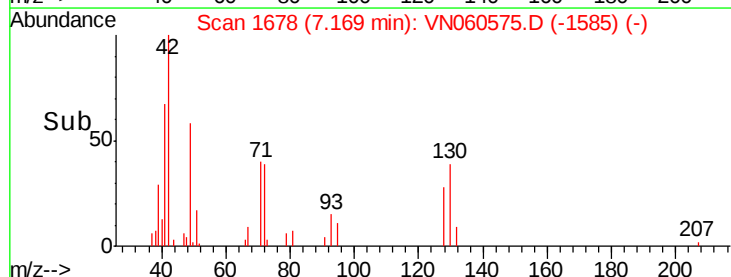
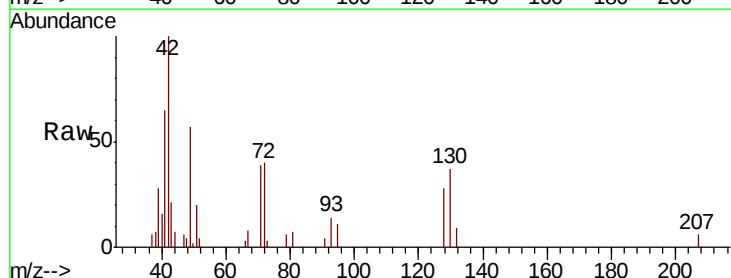
Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Tgt Ion: 49 Resp: 11118

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	68.5	55.0	82.4

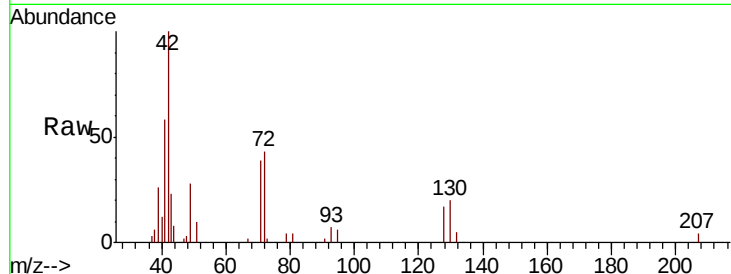




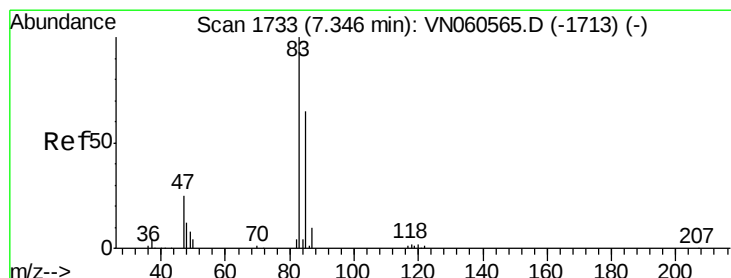
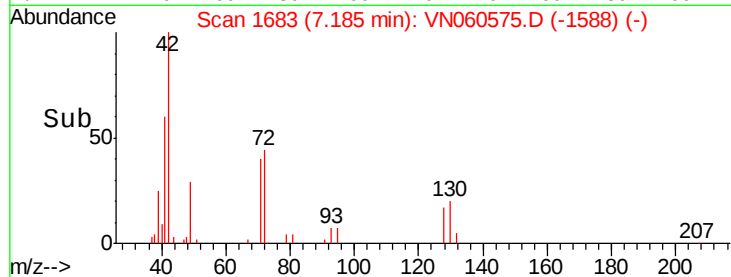
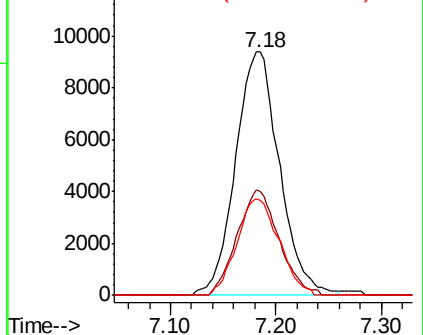
#29
Tetrahydrofuran
Concen: 24.027 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

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

Tot Ion: 42 Resp: 27231
Ion Ratio Lower Upper
42 100
72 41.0 33.2 49.8
71 37.9 31.1 46.7

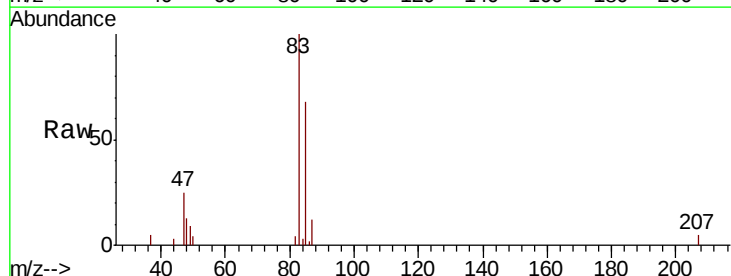


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

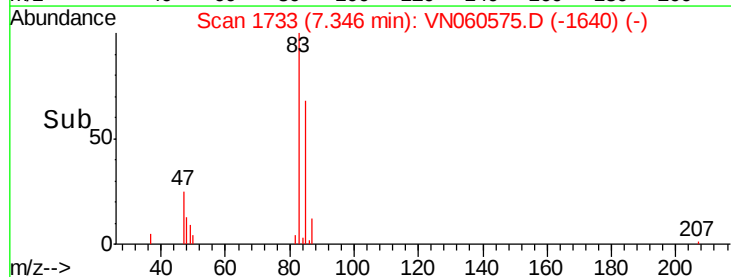
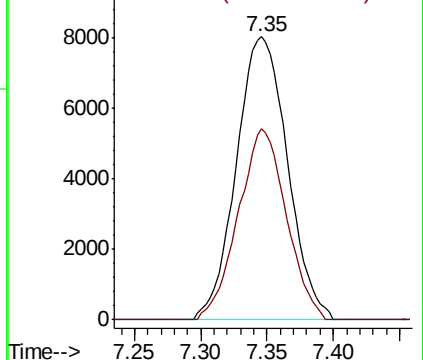


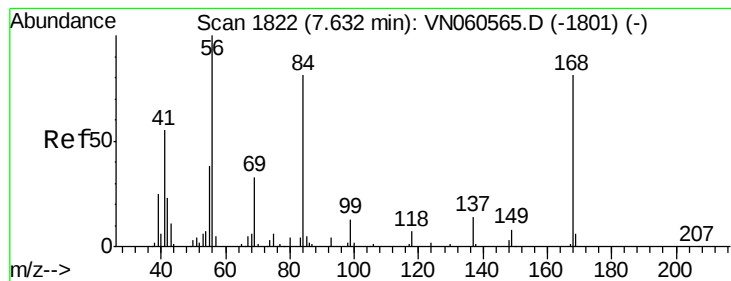
#30
Chloroform
Concen: 5.024 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

Tgt Ion: 83 Resp: 21502
Ion Ratio Lower Upper
83 100
85 67.7 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 5.660 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

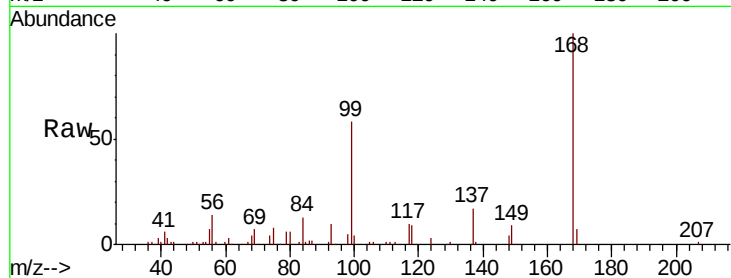
Tot Ion: 56 Resp: 25476

Ion Ratio Lower Upper

56 100

69 50.8 26.6 40.0#

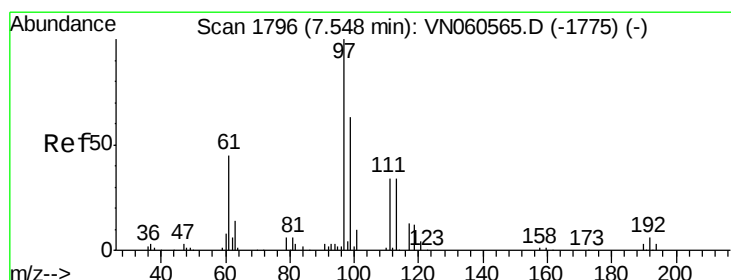
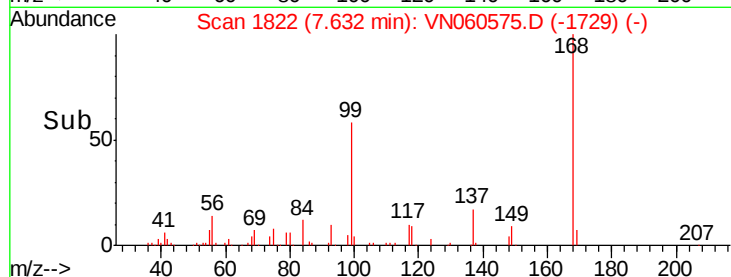
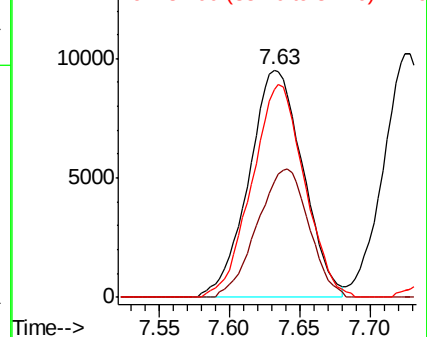
84 91.2 64.3 96.5



Abundance Ion 56.00 (55.70 to 56.70): VN060565.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN060565.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN060565.D (-1801) (-)



#32

1,1,1-Trichloroethane

Concen: 4.938 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

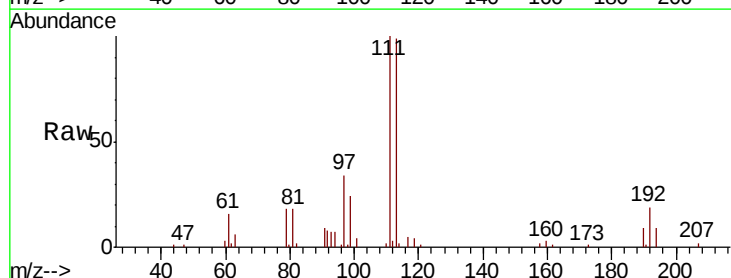
Tgt Ion: 97 Resp: 18219

Ion Ratio Lower Upper

97 100

99 66.5 50.6 75.8

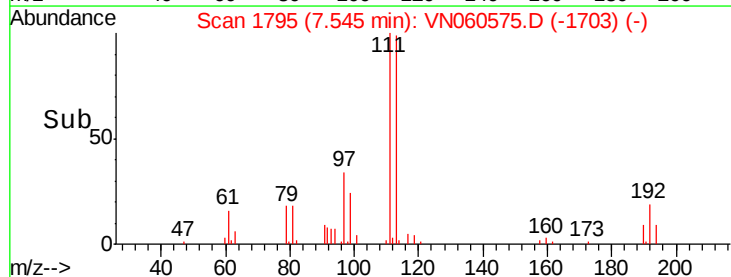
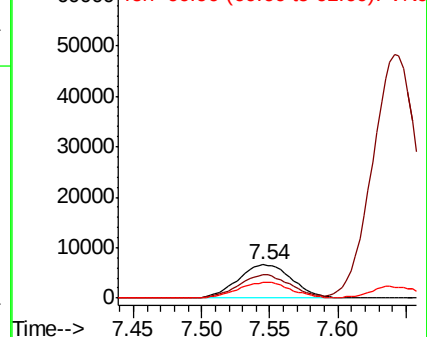
61 46.2 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VN060565.D (-1775) (-)

Ion 98.90 (98.60 to 99.60): VN060565.D (-1775) (-)

Ion 60.90 (60.60 to 61.60): VN060565.D (-1775) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.893 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

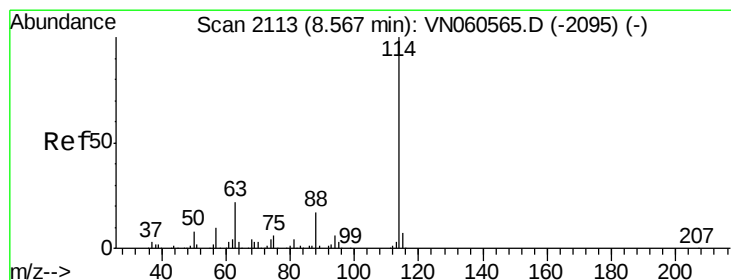
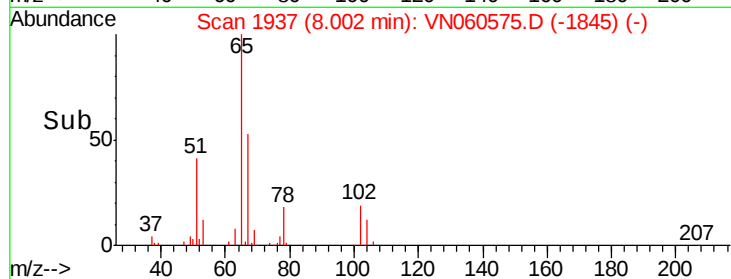
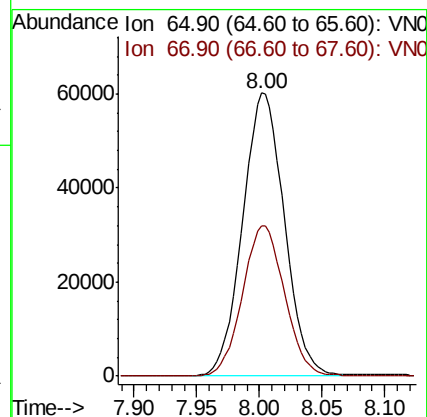
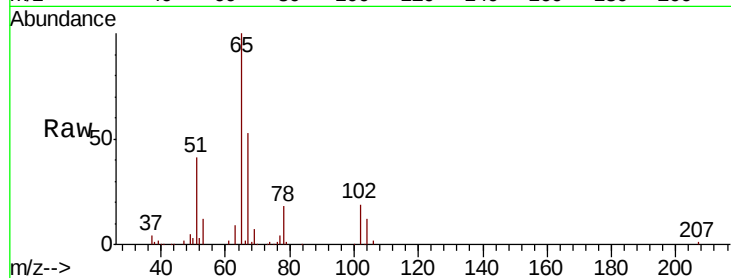
LOQ-WATER-02-QT1-2020

Tot Ion: 65 Resp: 139430

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

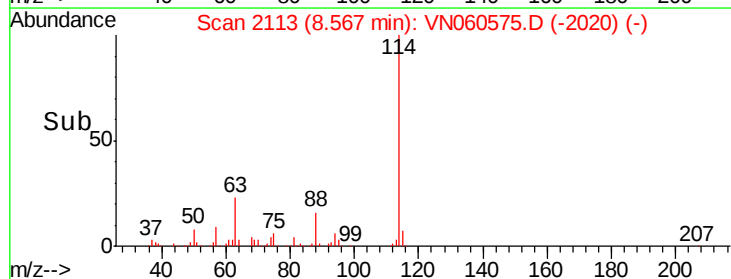
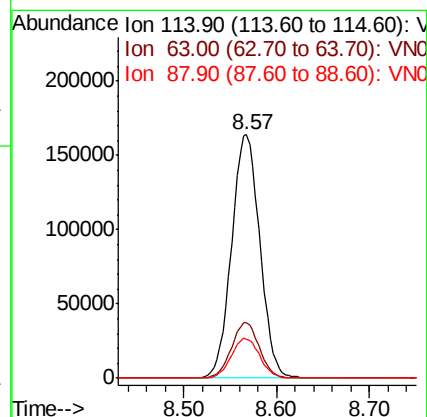
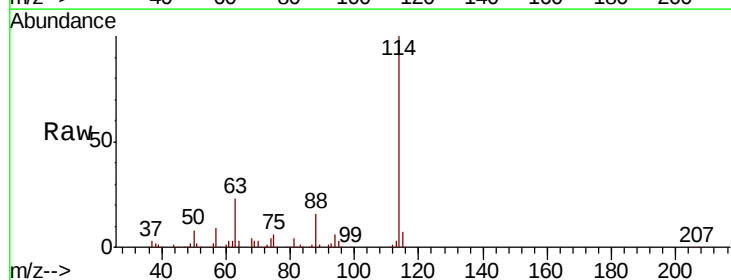
Tgt Ion: 114 Resp: 345999

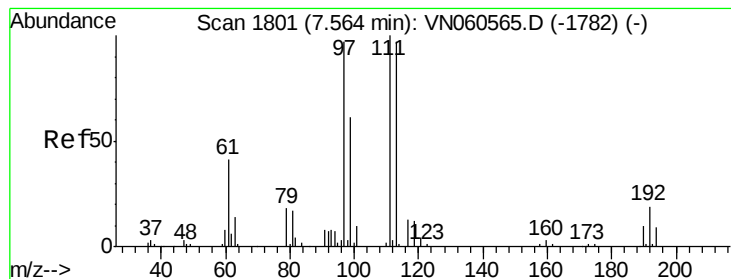
Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.8

88 16.1 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.114 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

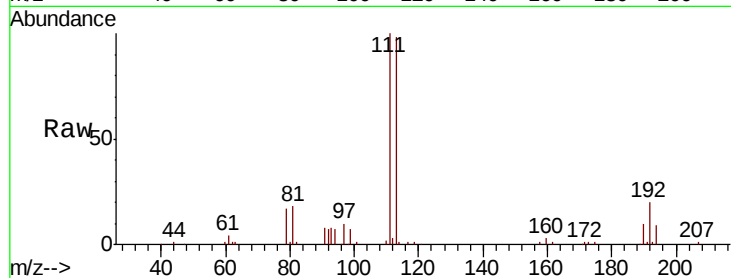
Tot Ion:113 Resp: 102753

Ion Ratio Lower Upper

113 100

111 102.1 82.9 124.3

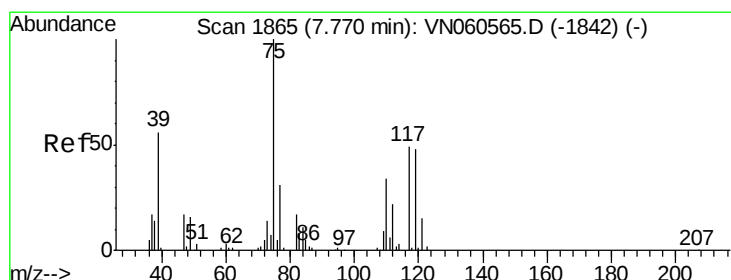
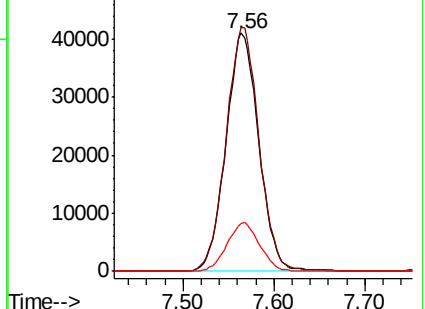
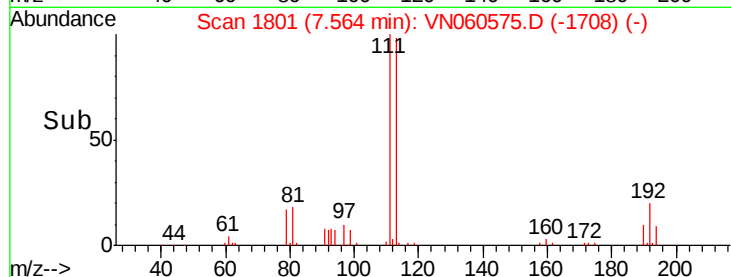
192 20.1 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.952 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

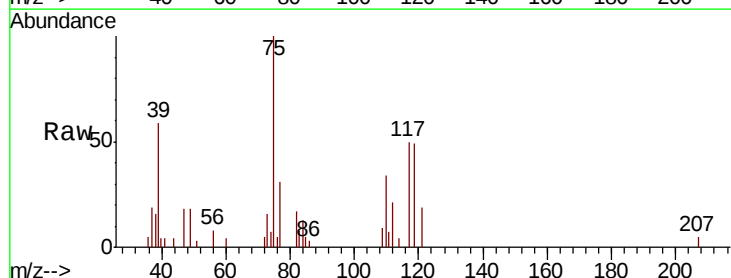
Tgt Ion: 75 Resp: 16590

Ion Ratio Lower Upper

75 100

110 34.9 16.9 50.6

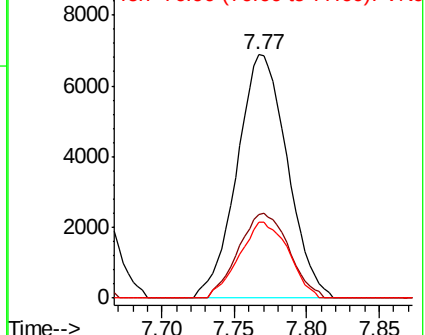
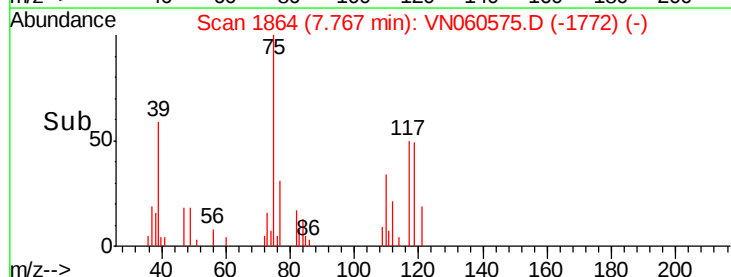
77 30.6 24.6 36.8

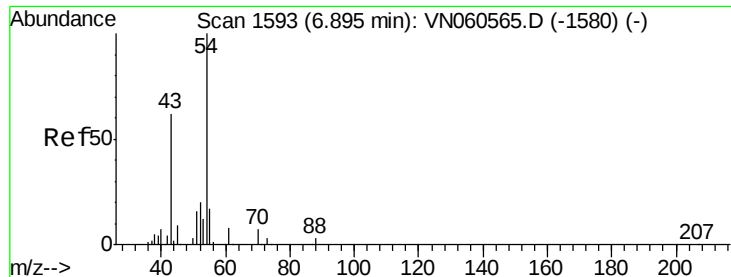


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

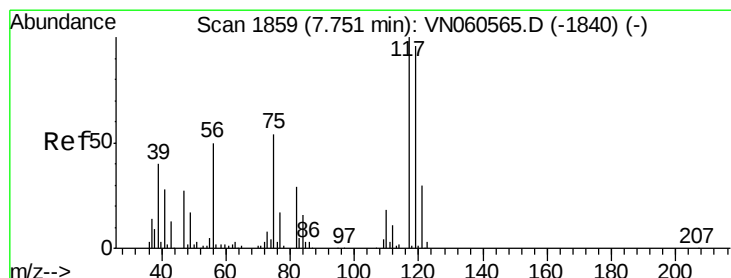
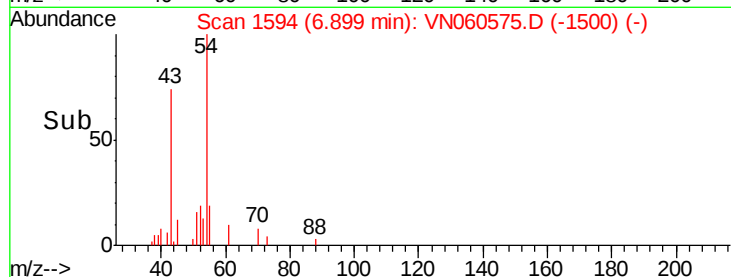
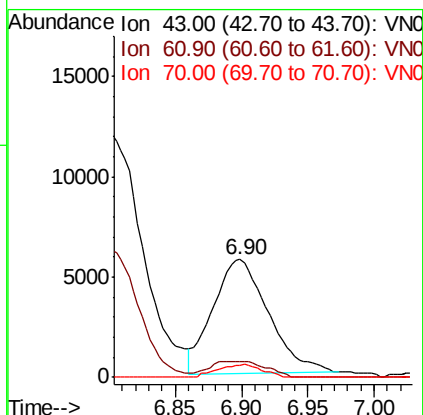
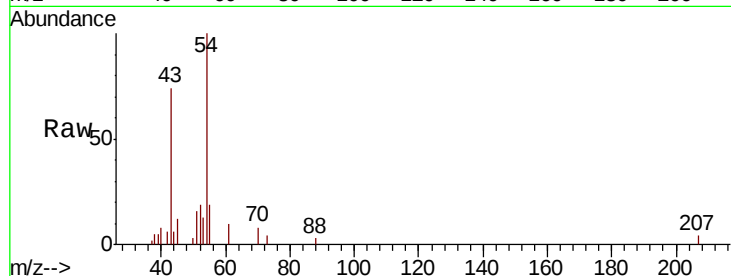




#37
Ethyl Acetate
Concen: 4.587 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

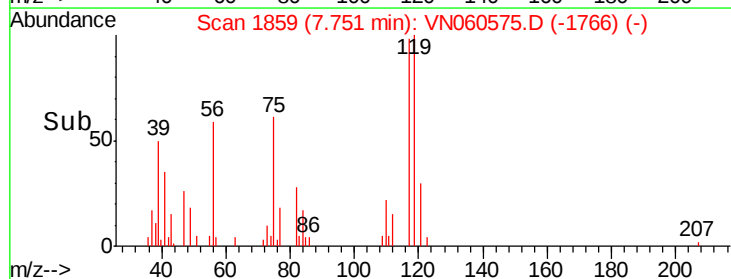
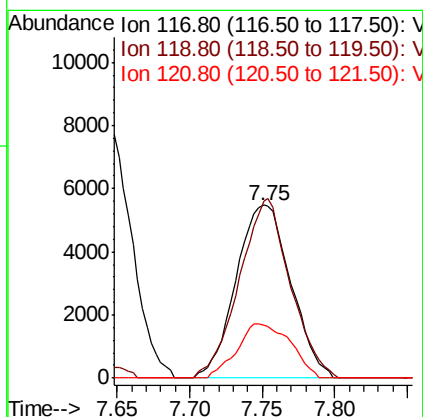
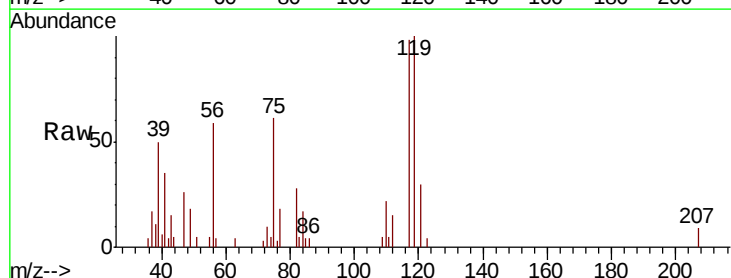
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

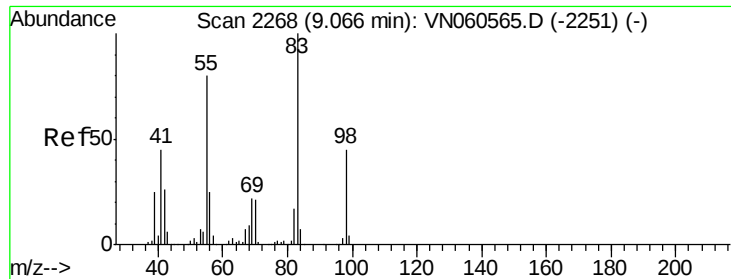
Tot Ion: 43 Resp: 16606
Ion Ratio Lower Upper
43 100
61 4.6 10.6 15.8#
70 8.9 7.9 11.9



#38
Carbon Tetrachloride
Concen: 4.791 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

Tgt Ion: 117 Resp: 14385
Ion Ratio Lower Upper
117 100
119 102.3 76.2 114.2
121 30.7 23.7 35.5

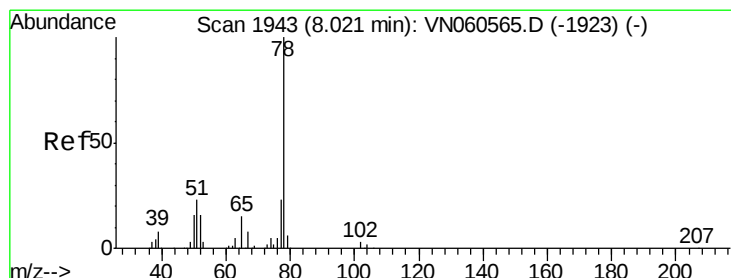
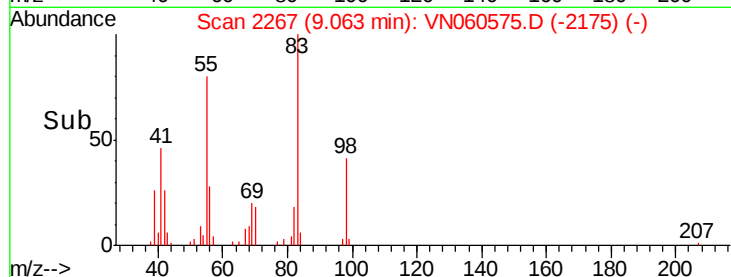
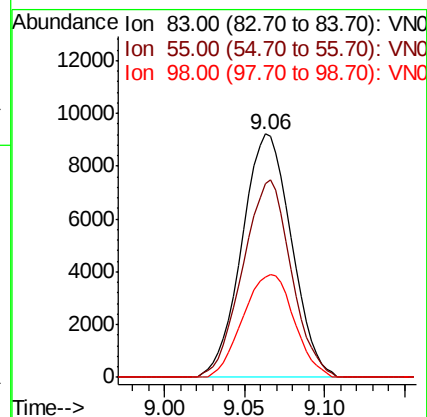
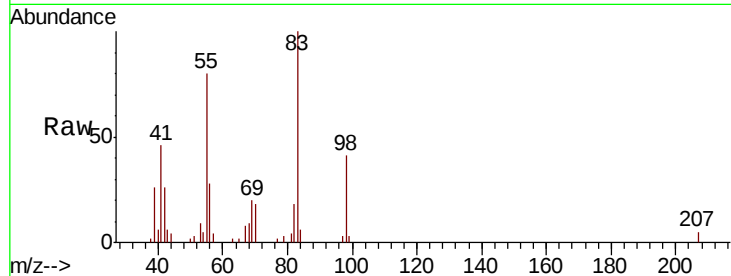




#39
Methvlcvclohexane
Concen: 4.898 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

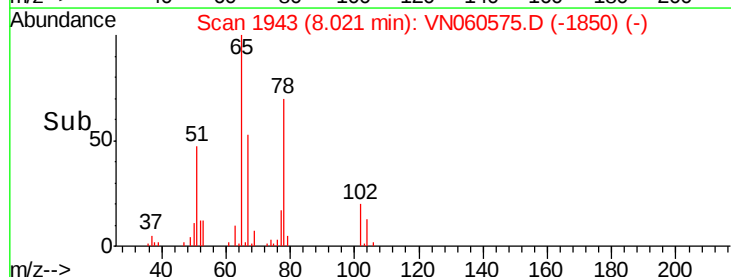
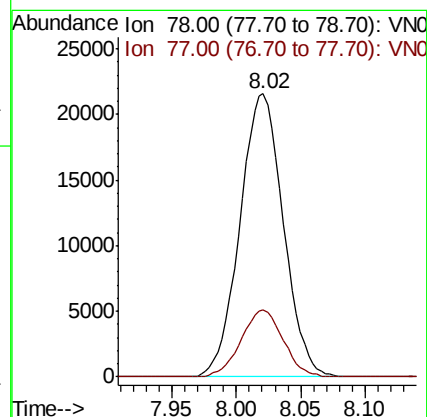
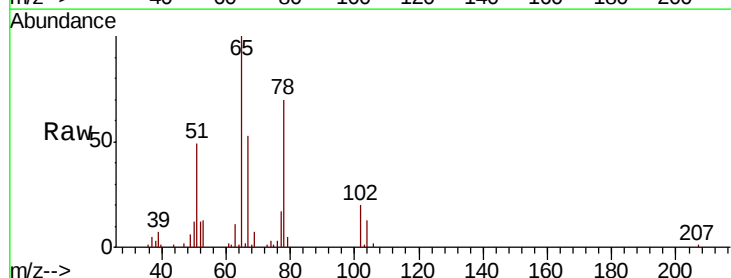
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

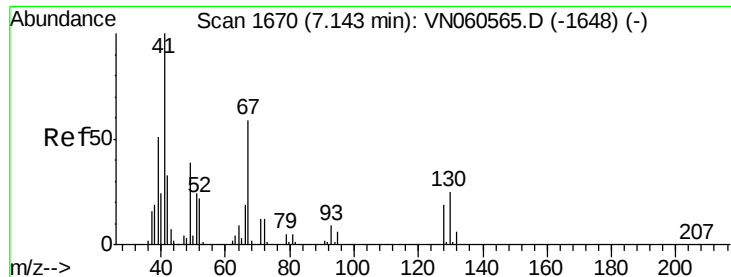
Tot Ion: 83 Resp: 19503
Ion Ratio Lower Upper
83 100
55 79.6 63.6 95.4
98 41.4 36.0 54.0



#40
Benzene
Concen: 4.990 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

Tgt Ion: 78 Resp: 50469
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0

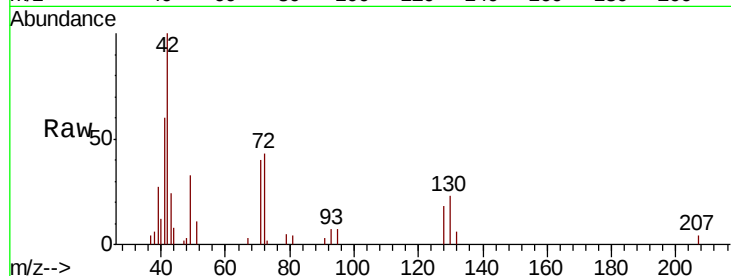




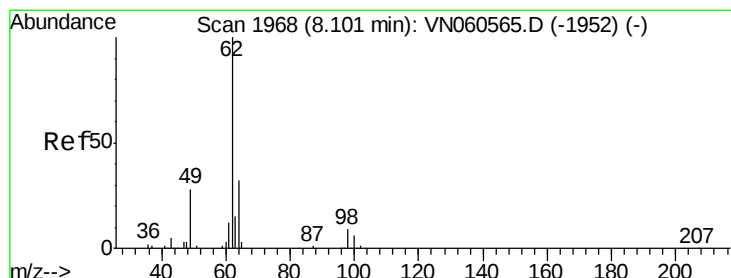
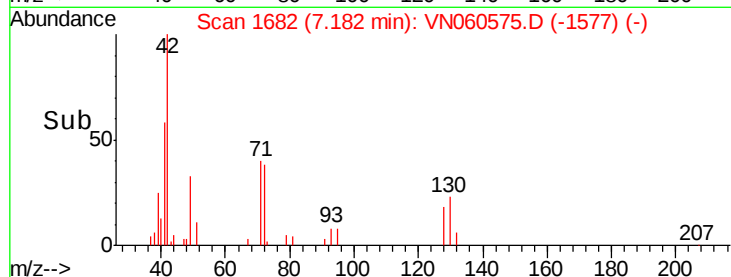
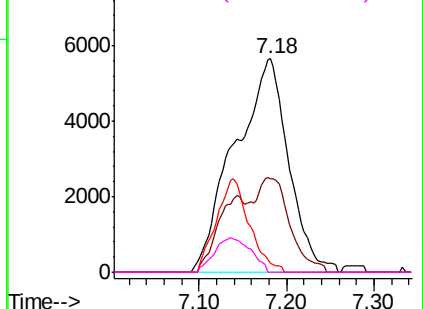
#41
Methacrylonitrile
Concen: 15.629 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.04 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

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

Tot Ion: 41 Resp: 24147
Ion Ratio Lower Upper
41 100
39 24.8 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

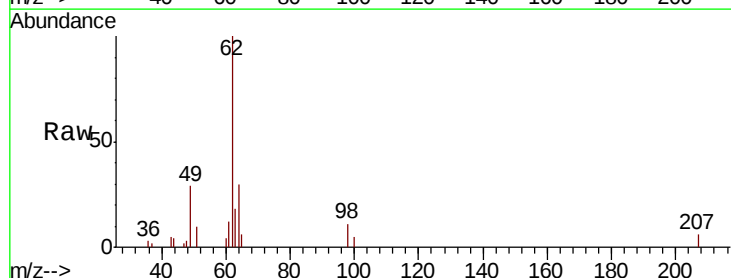


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

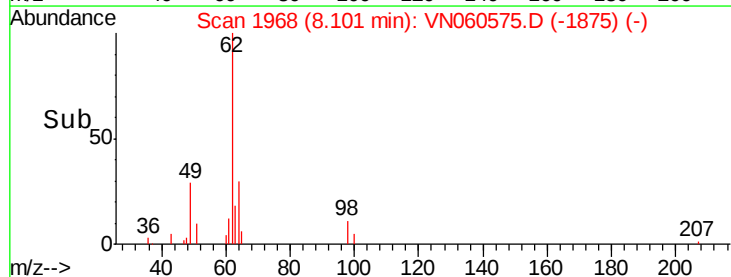
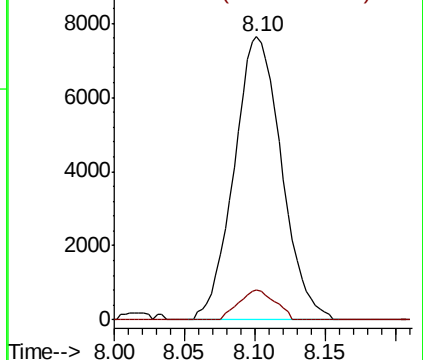


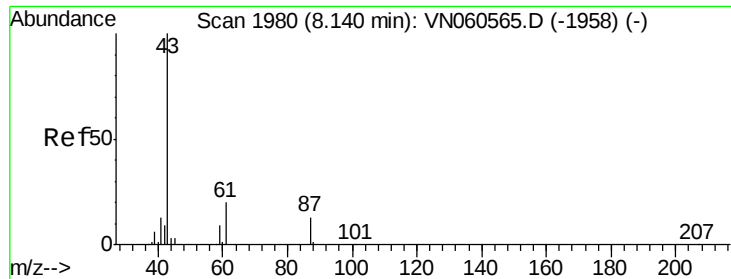
#42
1,2-Dichloroethane
Concen: 5.200 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

Tgt Ion: 62 Resp: 17973
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 4.860 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

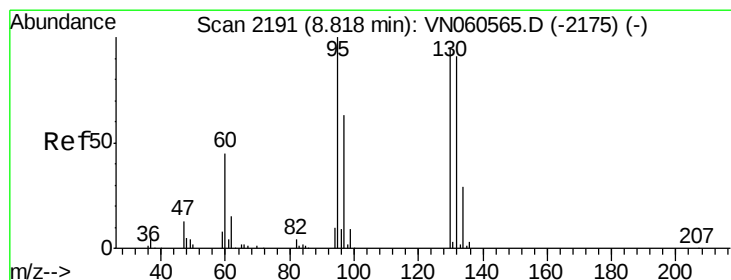
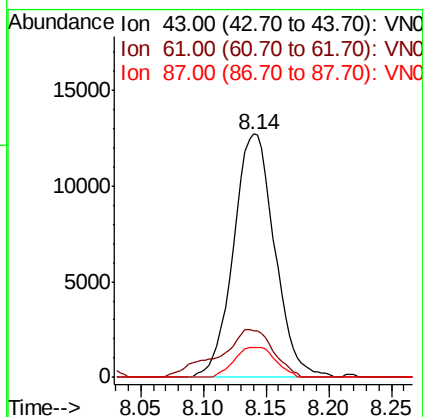
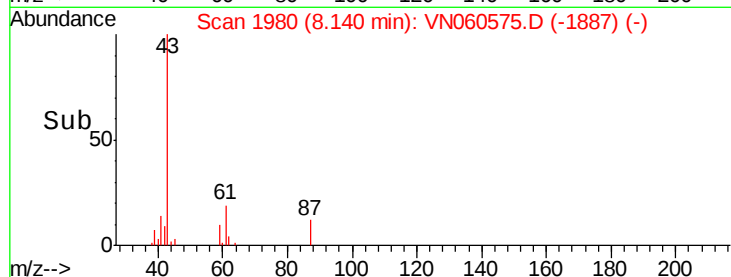
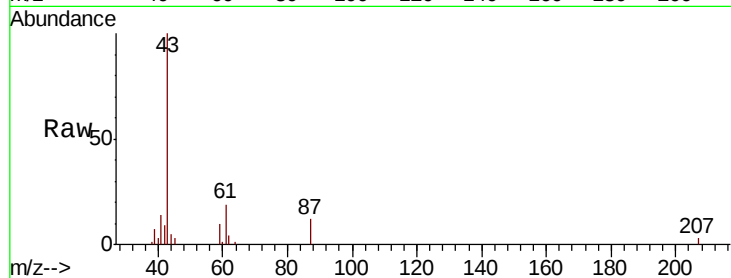
Tot Ion: 43 Resp: 29013

Ion Ratio Lower Upper

43 100

61 26.0 20.7 31.1

87 12.3 9.8 14.8



#44

Trichloroethene

Concen: 5.272 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN060575.D

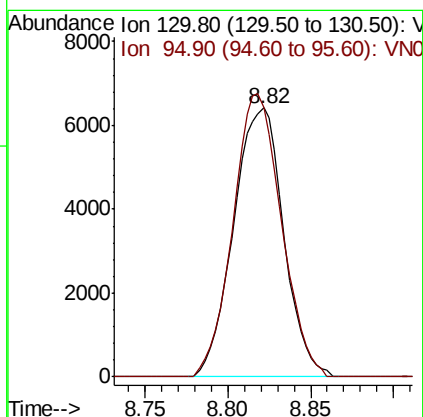
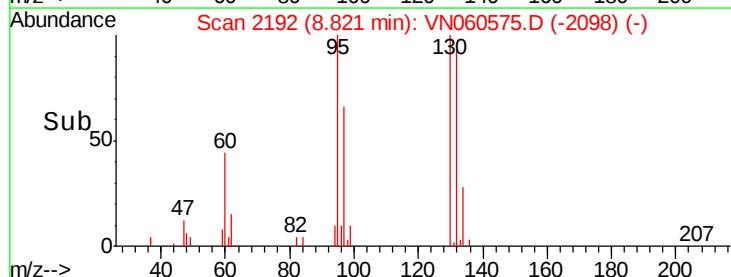
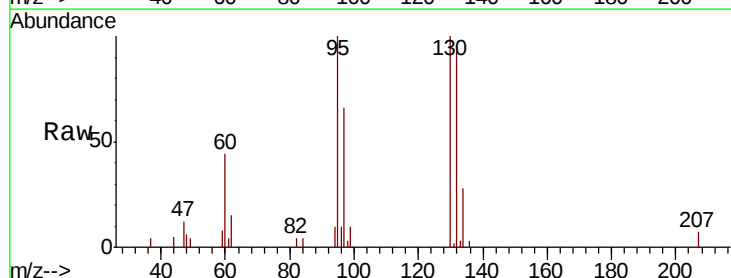
Acq: 17 Mar 2020 23:44

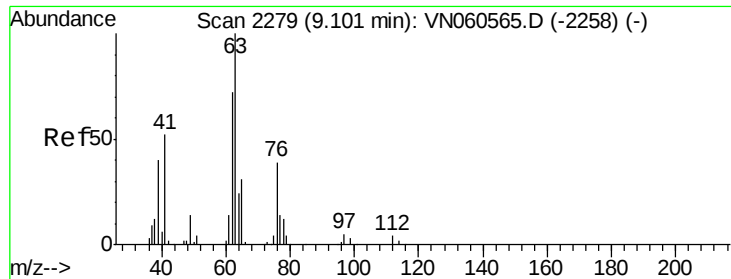
Tgt Ion:130 Resp: 13441

Ion Ratio Lower Upper

130 100

95 100.0 0.0 211.2

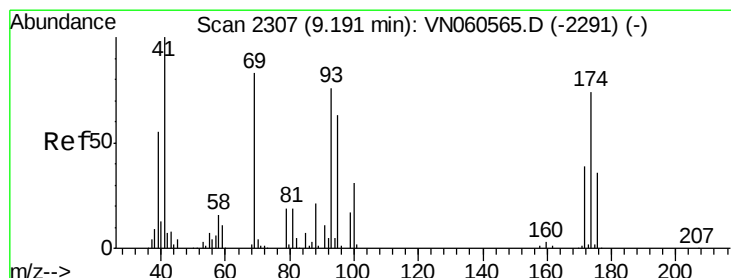
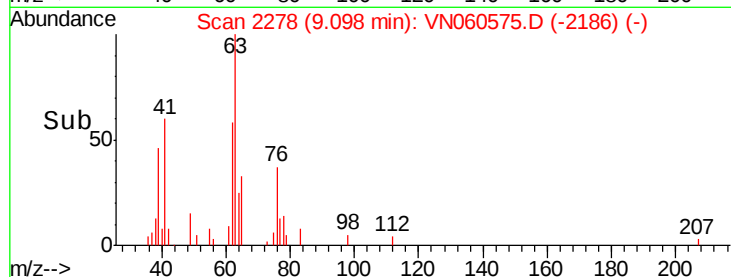
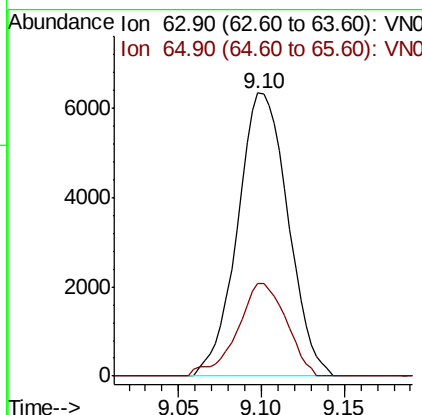
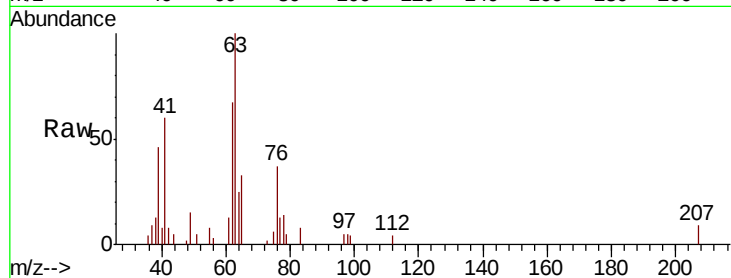




#45
 1,2-Dichloropropane
 Concen: 5.030 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060575.D
 Acq: 17 Mar 2020 23:44

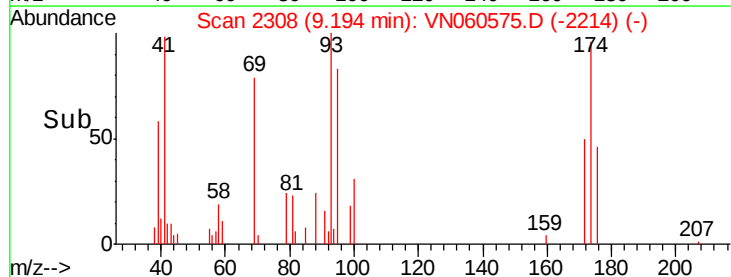
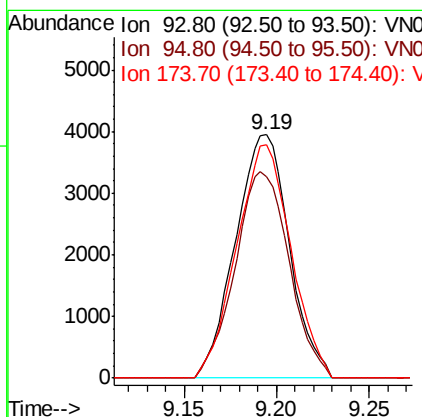
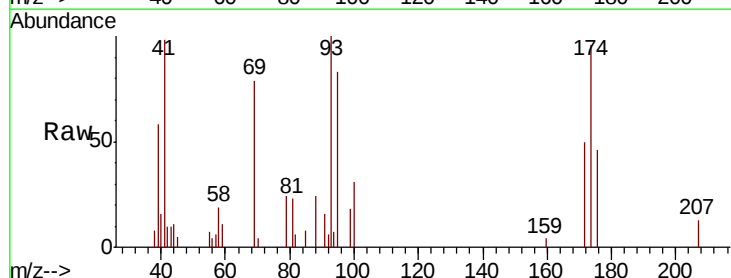
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

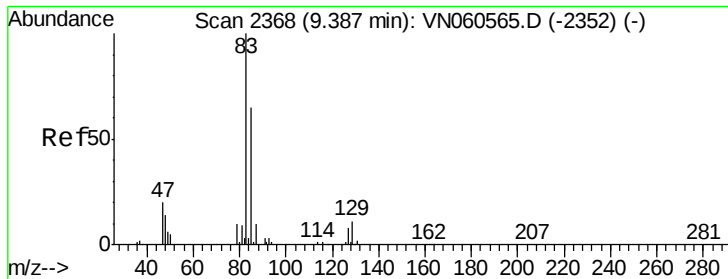
Tot Ion: 63 Resp: 13425
 Ion Ratio Lower Upper
 63 100
 65 32.8 25.4 38.0



#46
 Dibromomethane
 Concen: 4.939 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN060575.D
 Acq: 17 Mar 2020 23:44

Tgt Ion: 93 Resp: 7968
 Ion Ratio Lower Upper
 93 100
 95 85.1 66.2 99.4
 174 96.7 77.9 116.9





#47

Bromodichloromethane

Concen: 4.828 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

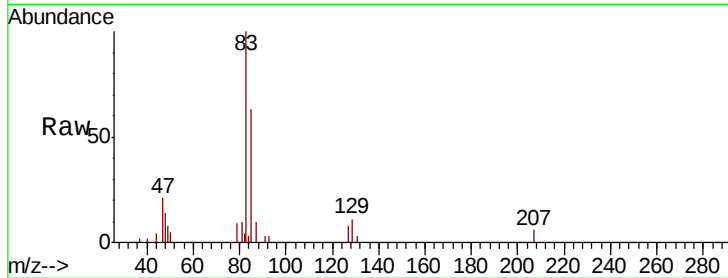
Tot Ion: 83 Resp: 16185

Ion Ratio Lower Upper

83 100

85 63.2 51.8 77.6

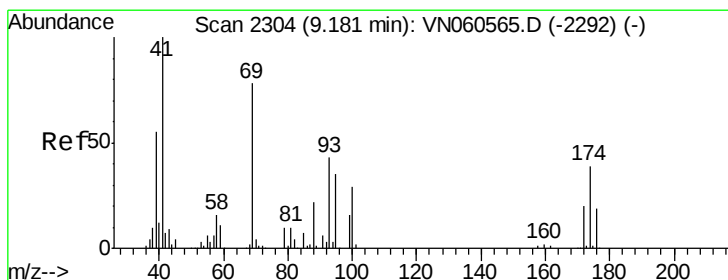
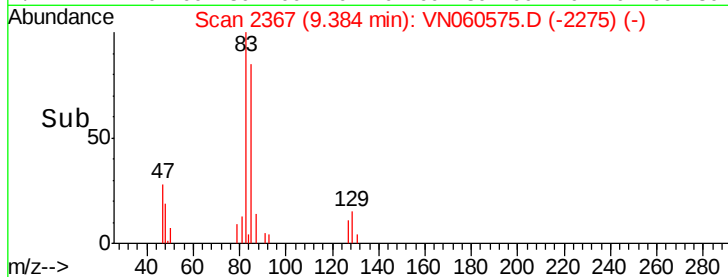
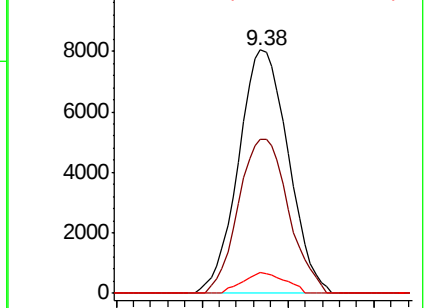
127 8.4 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060575.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060575.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060575.D (-2275) (-)



#48

Methyl methacrylate

Concen: 4.771 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

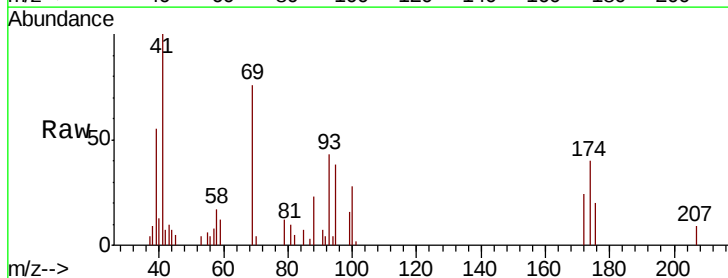
Tgt Ion: 41 Resp: 12683

Ion Ratio Lower Upper

41 100

69 75.4 65.4 98.0

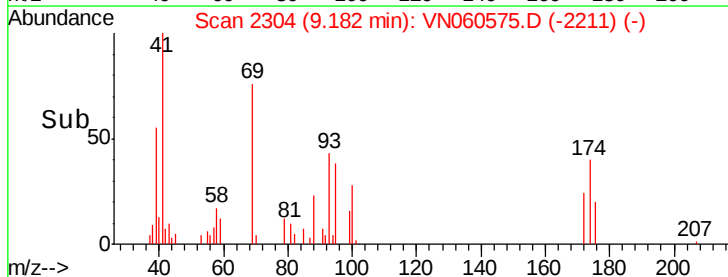
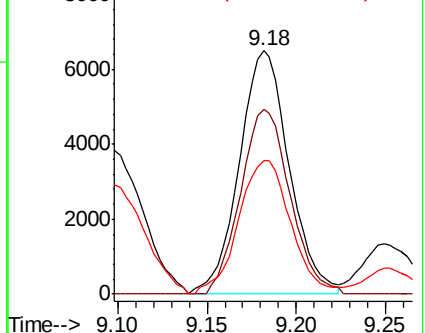
39 57.3 44.0 66.0



Abundance Ion 41.00 (40.70 to 41.70): VN060575.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060575.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060575.D (-2211) (-)

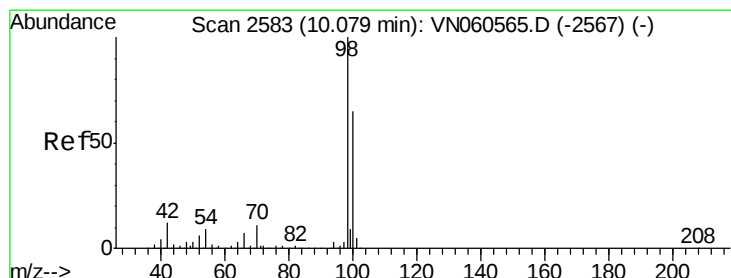
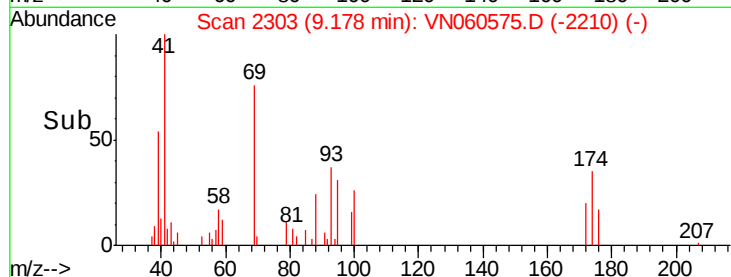
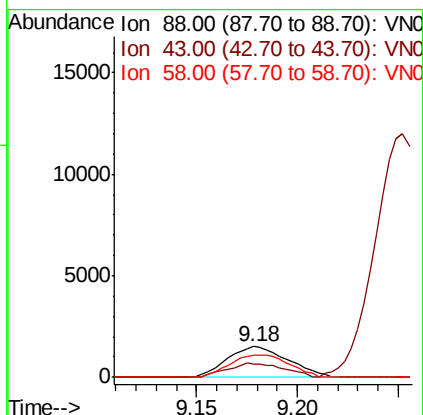
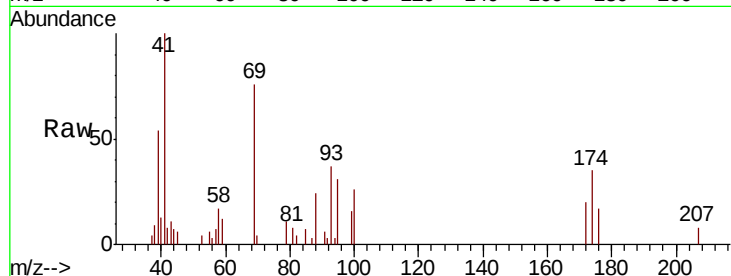




#49
1,4-Dioxane
Concen: 100.965 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

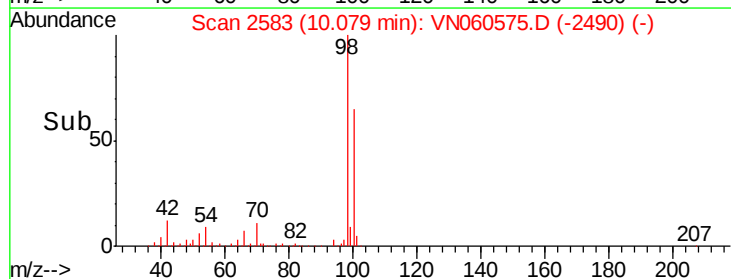
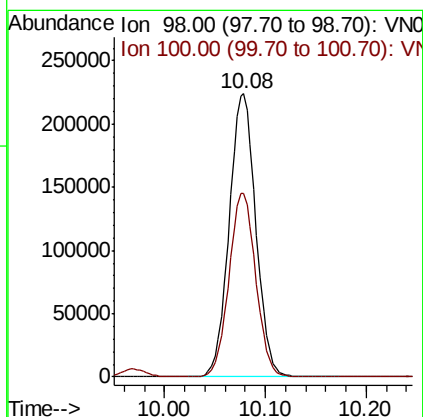
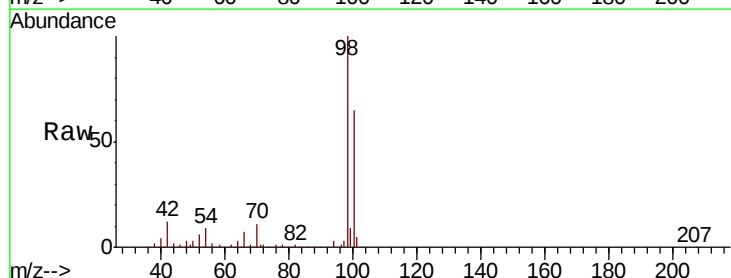
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

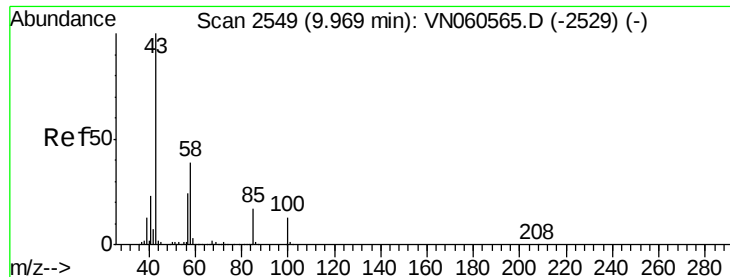
Tot Ion: 88 Resp: 3190
Ion Ratio Lower Upper
88 100
43 42.3 30.8 46.2
58 70.6 59.8 89.8



#50
Toluene-d8
Concen: 48.123 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

Tgt Ion: 98 Resp: 411241
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 23.707 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

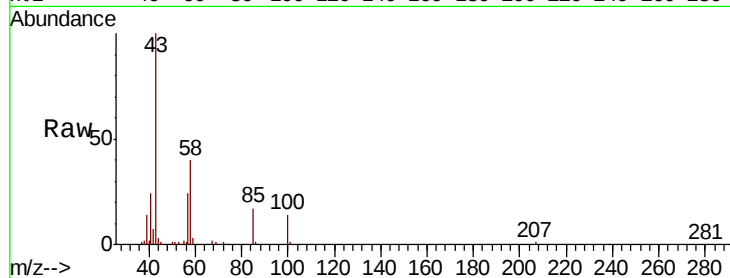
LOQ-WATER-02-QT1-2020

Tot Ion: 43 Resp: 80541

Ion Ratio Lower Upper

43 100

58 38.4 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-2529) (-)

Ion 58.00 (57.70 to 58.70): VN060565.D (-2529) (-)

9.97

50000

40000

30000

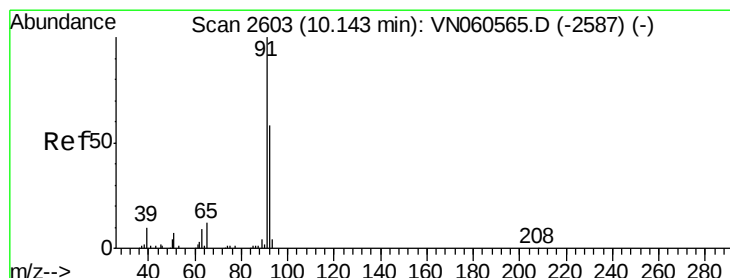
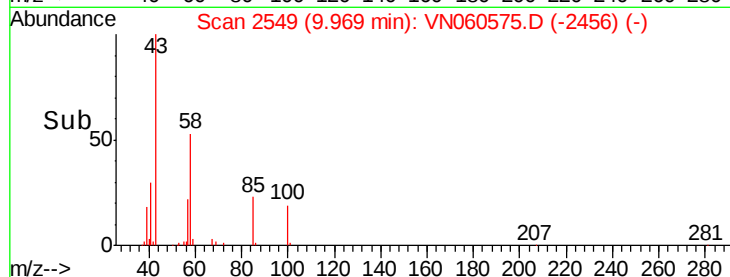
20000

10000

0

9.90 9.95 10.00 10.05

Time-->



#52

Toluene

Concen: 4.890 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060575.D

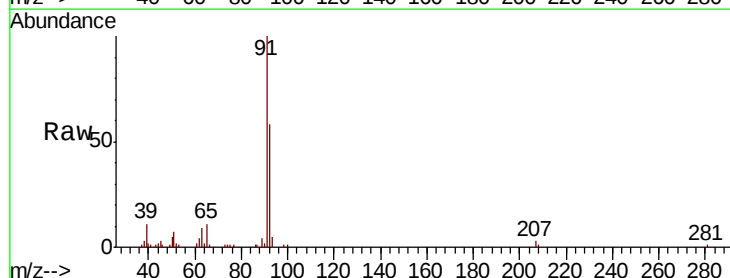
Acq: 17 Mar 2020 23:44

Tgt Ion: 92 Resp: 29869

Ion Ratio Lower Upper

92 100

91 176.0 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060565.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN060565.D (-2587) (-)

10.14

30000

25000

20000

15000

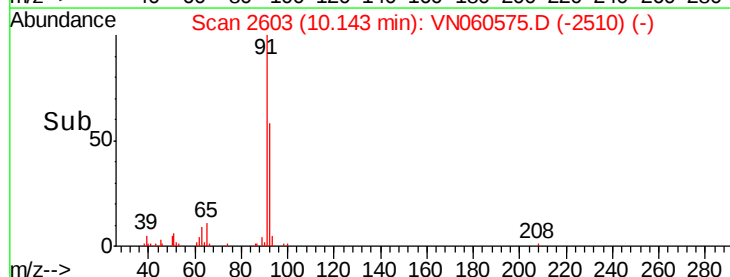
10000

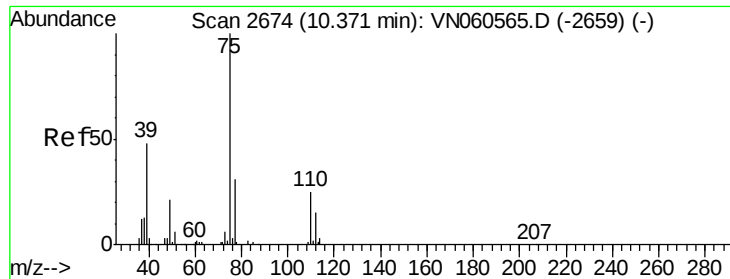
5000

0

10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 4.763 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

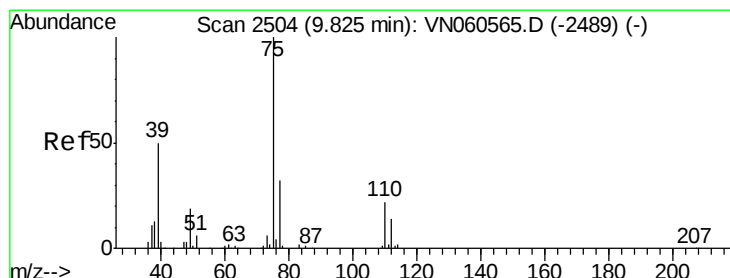
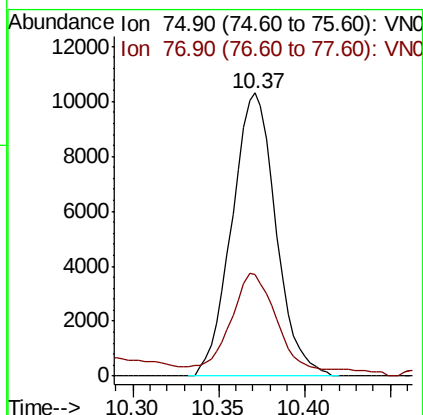
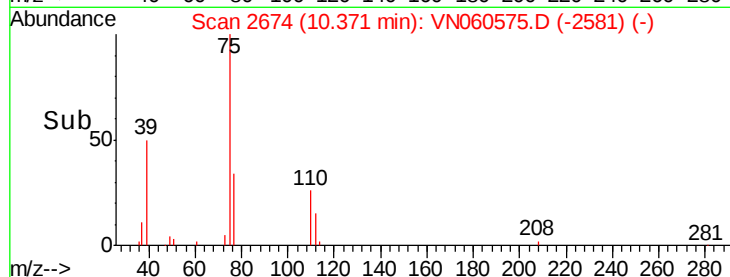
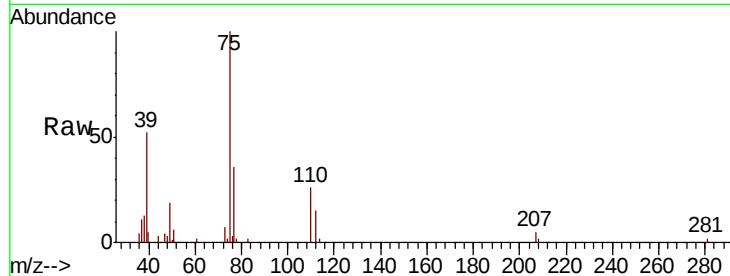
LOQ-WATER-02-QT1-2020

Tot Ion: 75 Resp: 18342

Ion Ratio Lower Upper

75 100

77 33.5 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 4.789 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

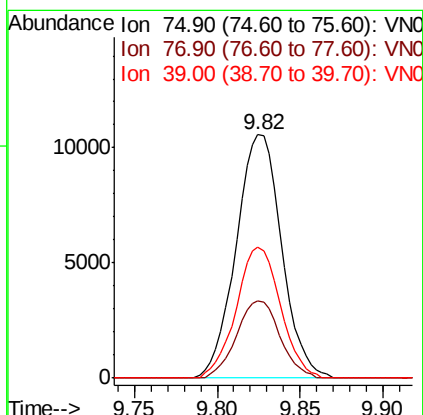
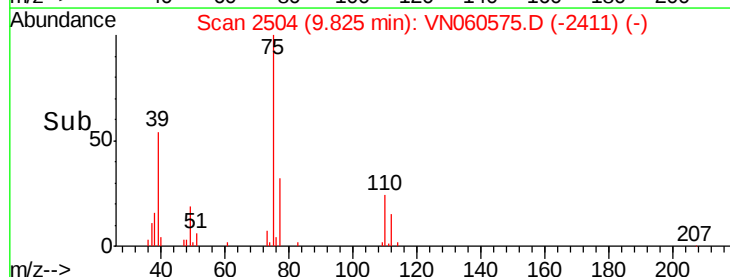
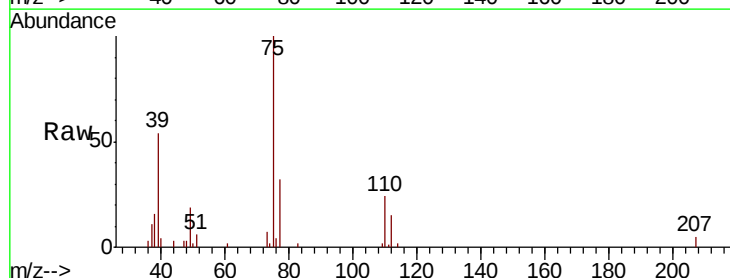
Tgt Ion: 75 Resp: 20233

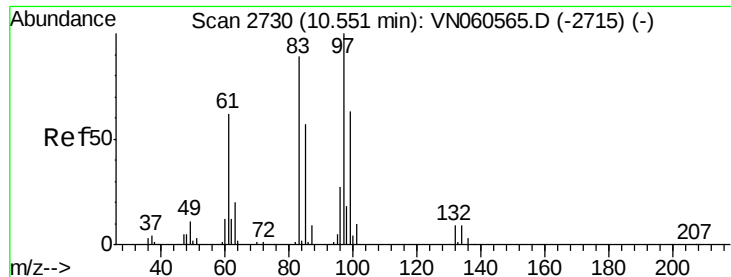
Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0

39 53.6 40.2 60.4





#55

1,1,2-Trichloroethane

Concen: 4.862 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

Tot Ion: 97 Resp: 11424

Ion	Ratio	Lower	Upper
97	100		
83	82.4	71.3	106.9
85	55.5	45.2	67.8
99	62.5	50.1	75.1

Abundance

Ion 96.90 (96.60 to 97.60): VNO

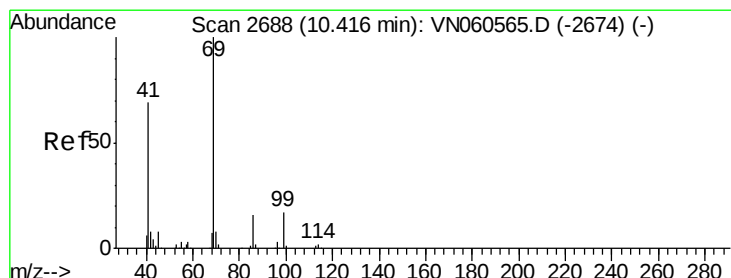
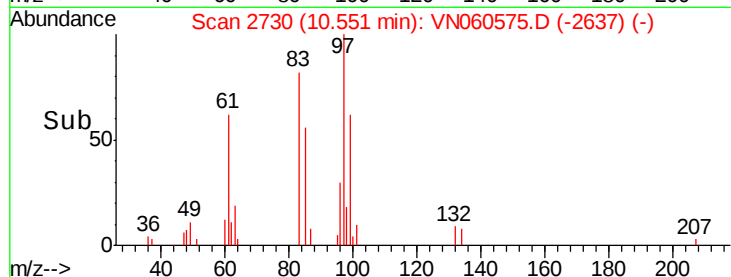
Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

10.55

Time-->



#56

Ethyl methacrylate

Concen: 4.302 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Tgt Ion: 69 Resp: 15764

Ion	Ratio	Lower	Upper
69	100		
41	73.3	55.4	83.2
39	40.5	29.4	44.0

Abundance

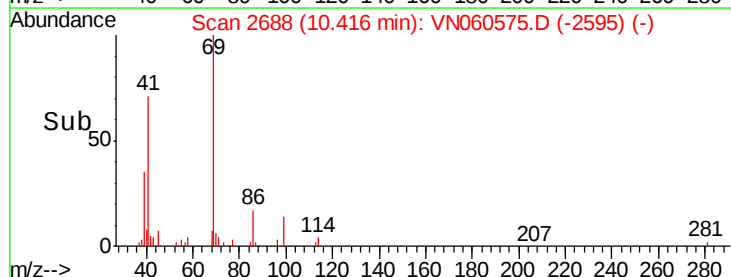
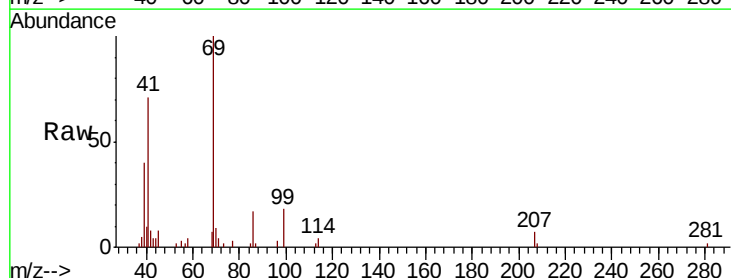
Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

10.42

Time-->





#57

1,3-Dichloropropane

Concen: 4.889 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

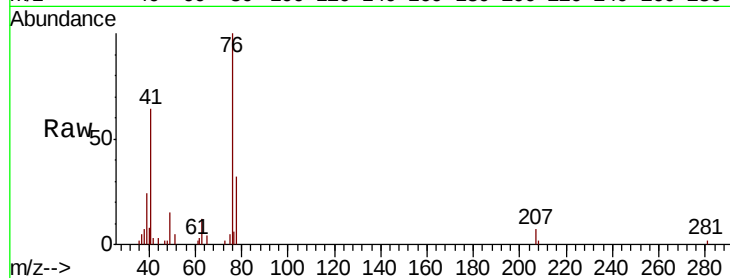
LOQ-WATER-02-QT1-2020

Tot Ion: 76 Resp: 19936

Ion Ratio Lower Upper

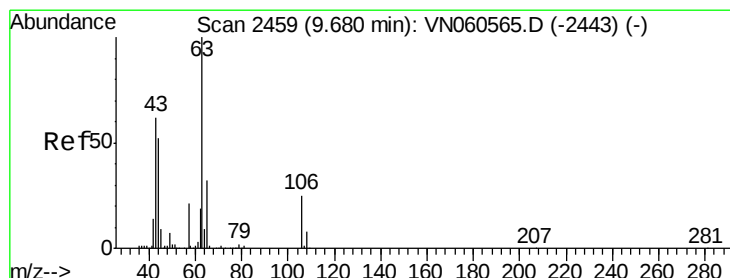
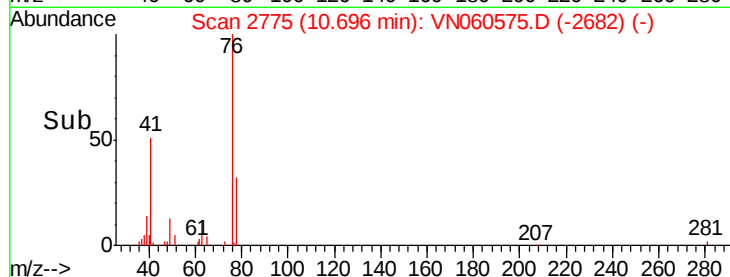
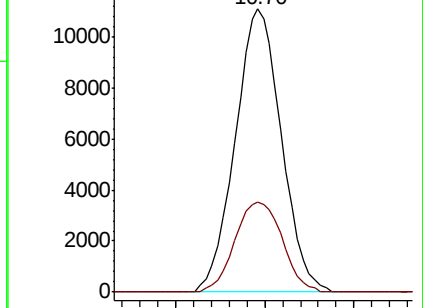
76 100

78 32.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN060575.D (-2761) (-)

Ion 77.90 (77.60 to 78.60): VN060575.D (-2761) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 24.180 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060575.D

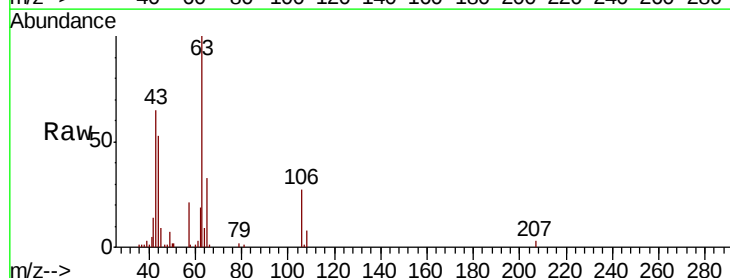
Acq: 17 Mar 2020 23:44

Tgt Ion: 63 Resp: 44032

Ion Ratio Lower Upper

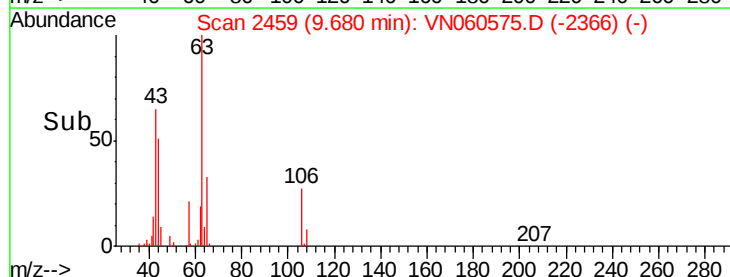
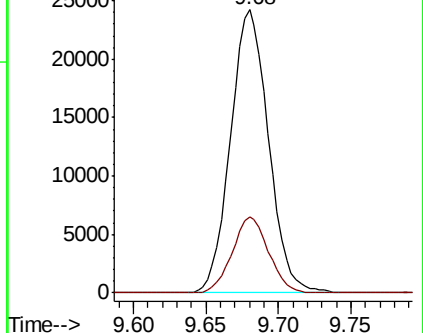
63 100

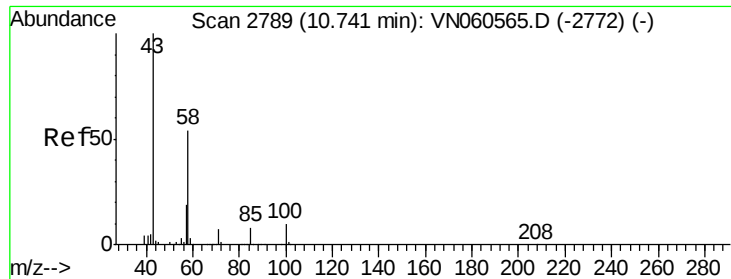
106 25.6 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN060575.D (-2443) (-)

Ion 105.90 (105.60 to 106.60): VN060575.D (-2443) (-)

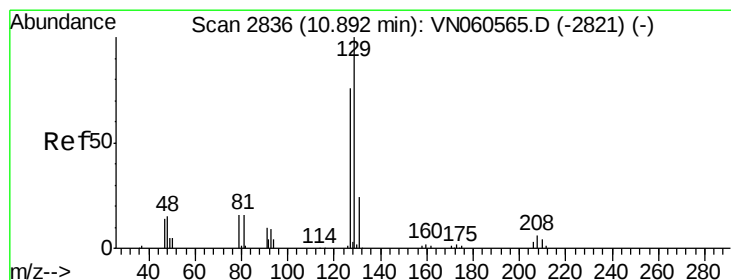
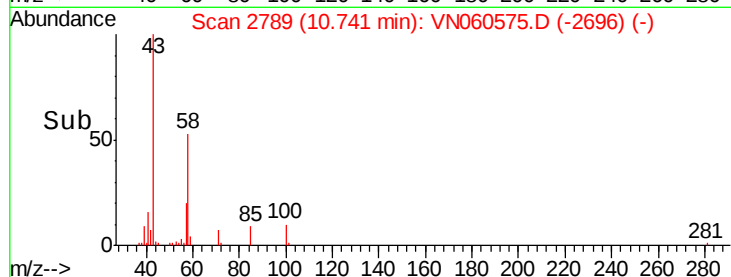
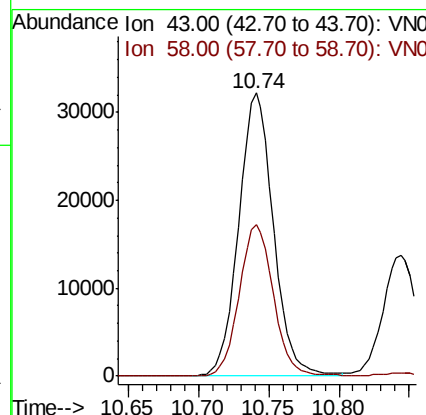
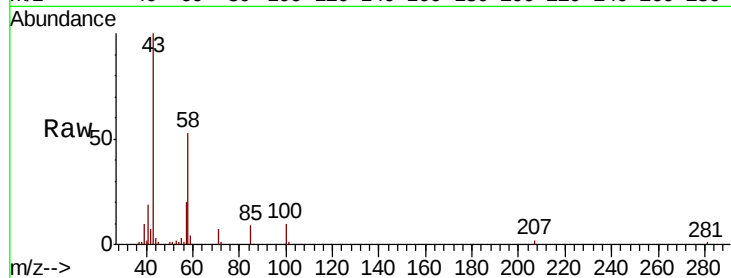




#59
2-Hexanone
Concen: 22.712 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

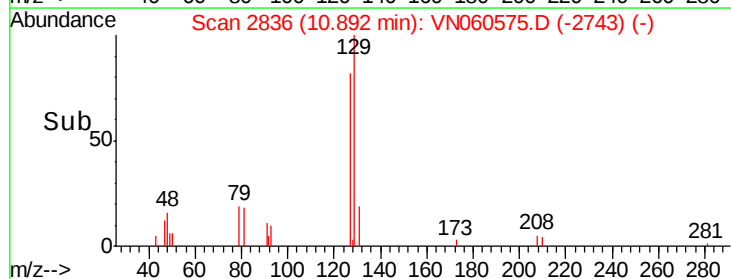
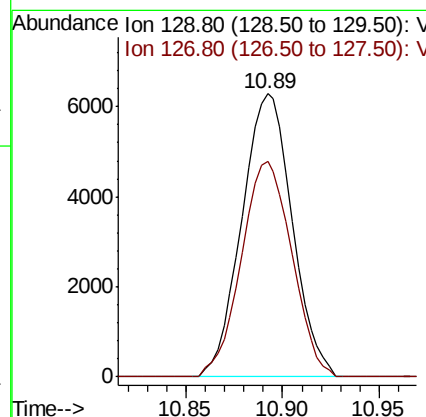
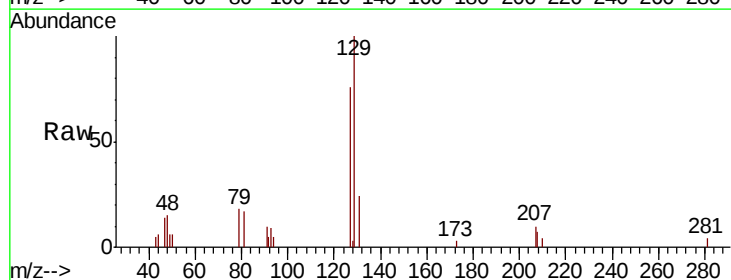
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

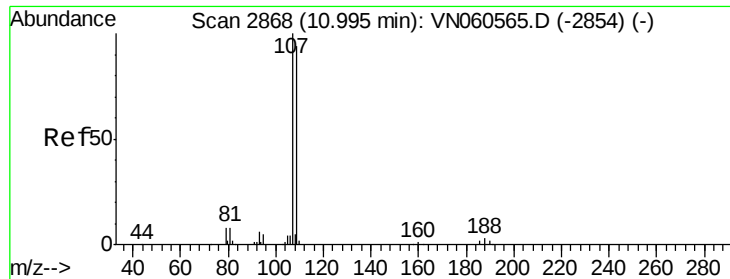
Tot Ion: 43 Resp: 55583
Ion Ratio Lower Upper
43 100
58 52.8 26.7 80.1



#60
Dibromochloromethane
Concen: 4.692 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

Tgt Ion: 129 Resp: 11389
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5

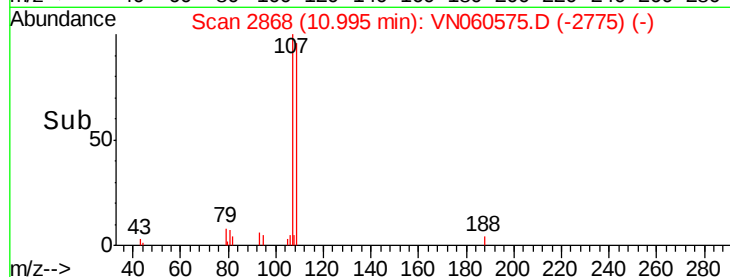
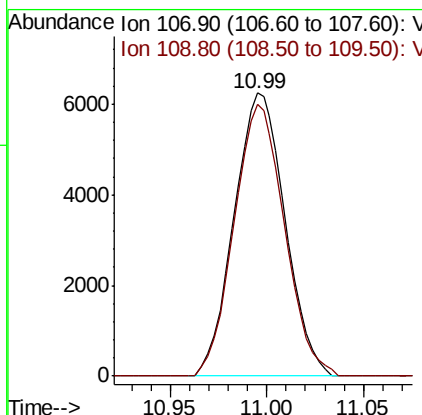
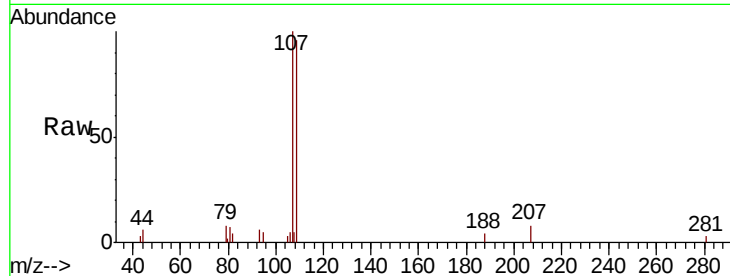




#61
 1,2-Dibromoethane
 Concen: 4.844 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060575.D
 Acq: 17 Mar 2020 23:44

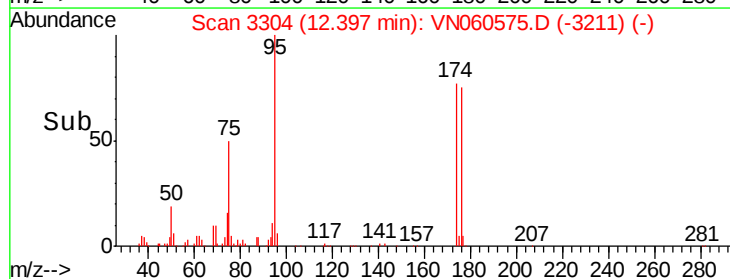
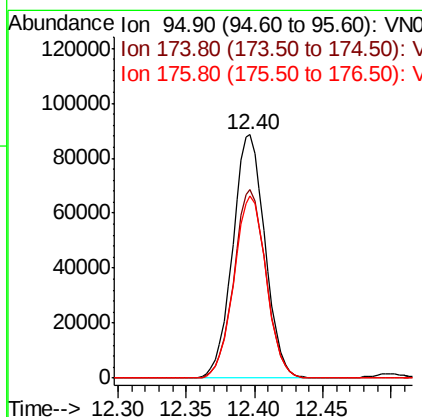
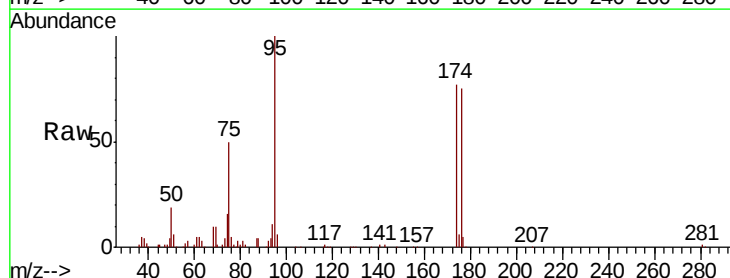
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

Tot Ion:107 Resp: 11445
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 46.383 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060575.D
 Acq: 17 Mar 2020 23:44

Tgt Ion: 95 Resp: 145265
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 157.6
 176 75.0 0.0 150.6

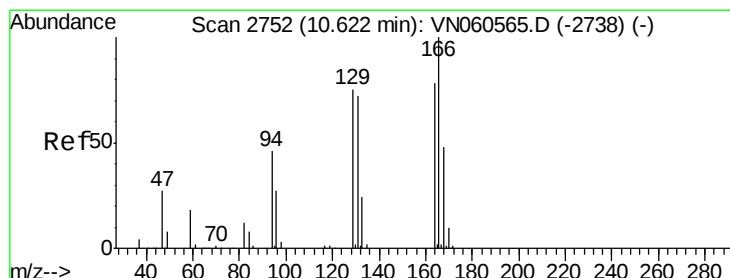
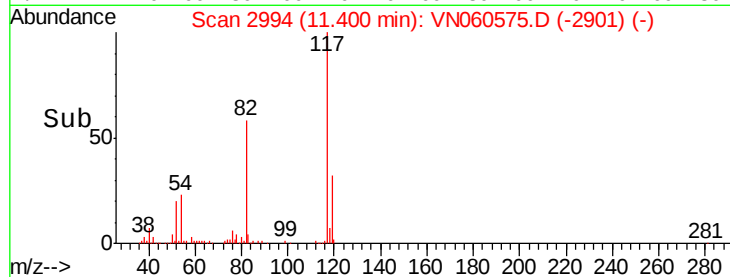
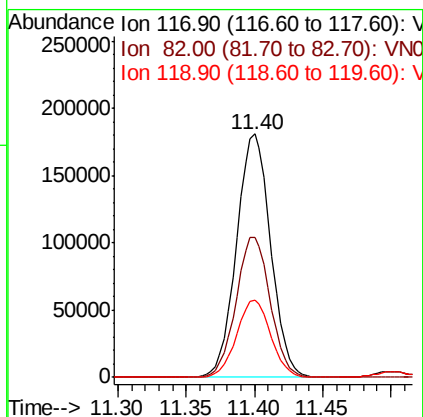
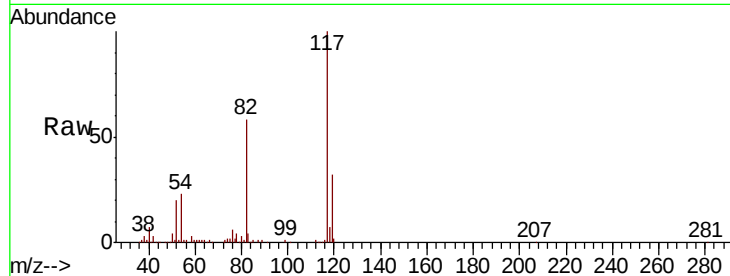




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

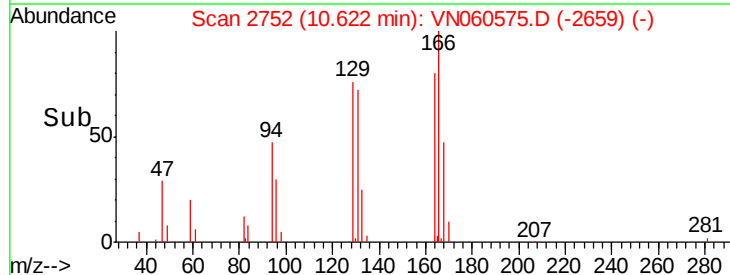
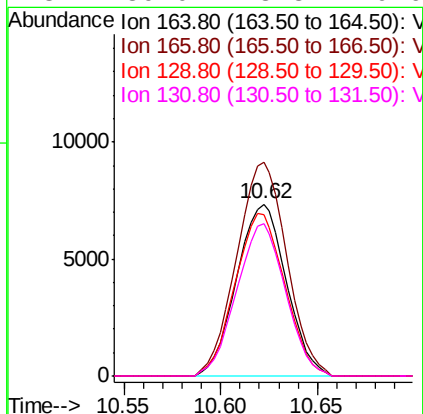
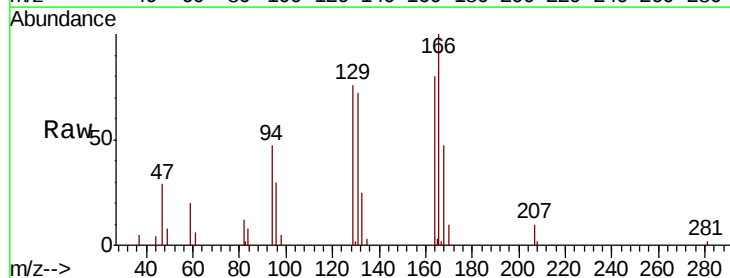
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

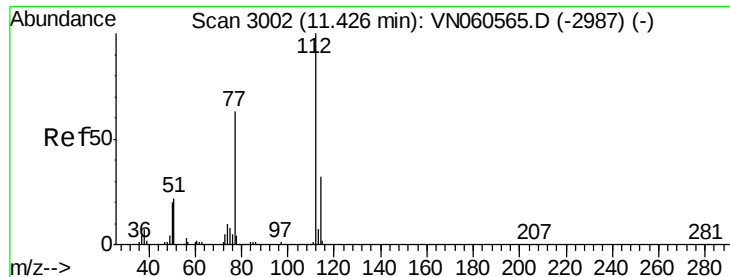
Tot Ion:117 Resp: 313955
Ion Ratio Lower Upper
117 100
82 57.6 46.7 70.1
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 5.311 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

Tgt Ion:164 Resp: 13120
Ion Ratio Lower Upper
164 100
166 124.5 102.7 154.1
129 94.3 77.2 115.8
131 89.0 73.8 110.6

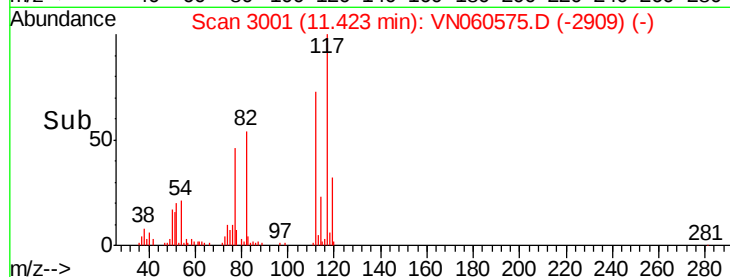
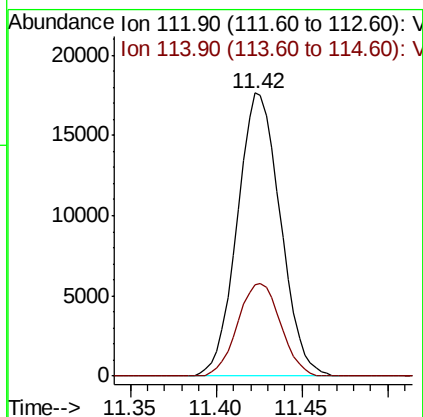
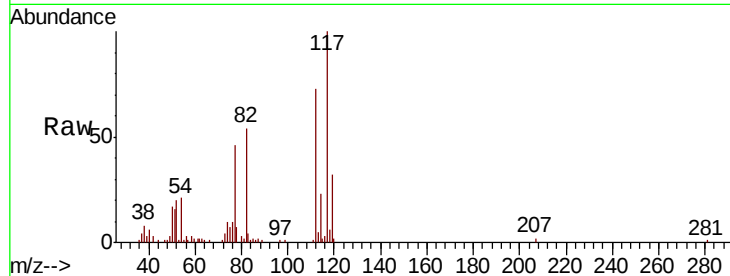




#65
Chlorobenzene
Concen: 4.943 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

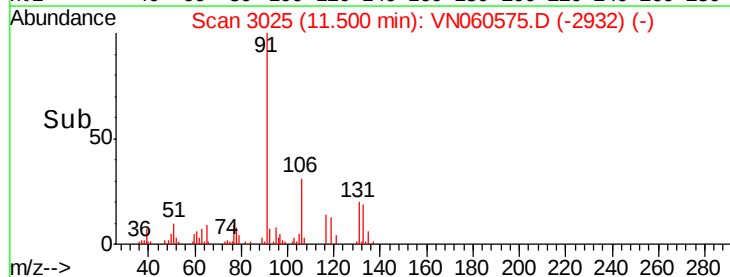
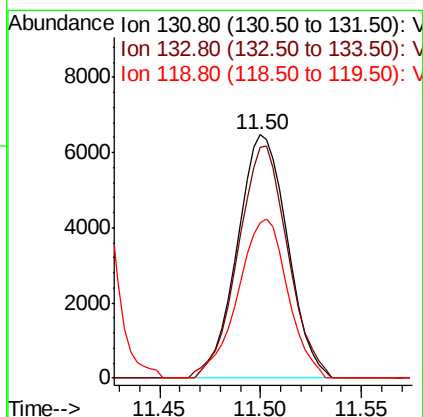
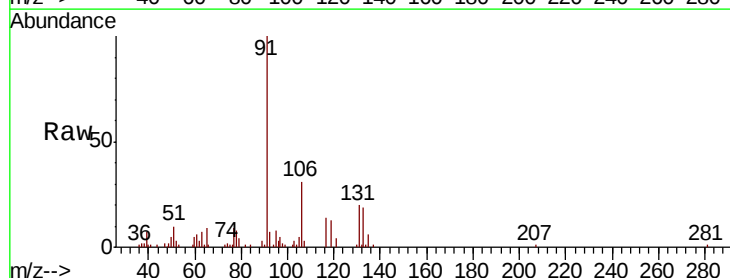
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

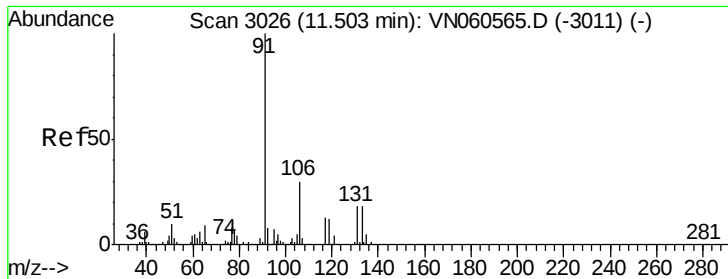
Tot Ion:112 Resp: 30766
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.995 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

Tgt Ion:131 Resp: 11255
Ion Ratio Lower Upper
131 100
133 95.2 48.9 146.8
119 64.9 33.9 101.7





#67

Ethyl Benzene

Concen: 4.969 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

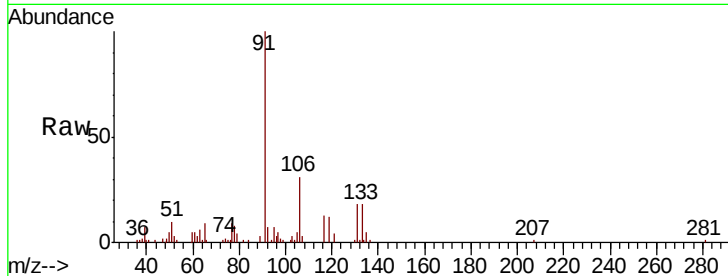
LOQ-WATER-02-QT1-2020

Tot Ion: 91 Resp: 57511

Ion Ratio Lower Upper

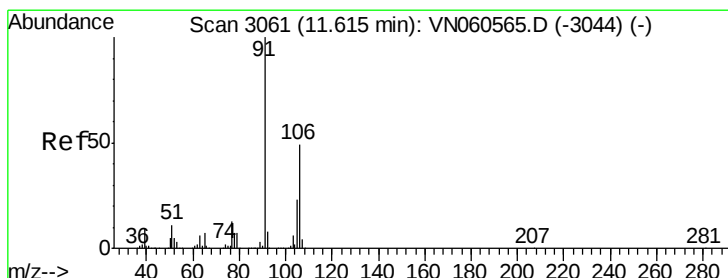
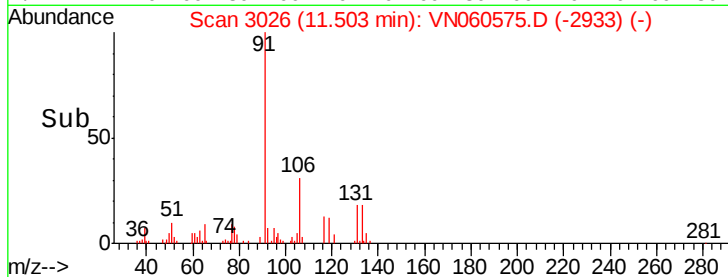
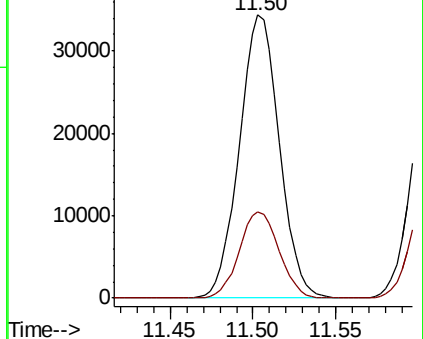
91 100

106 30.5 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN060575.D (-2933) (-)

Ion 106.00 (105.70 to 106.70): VN060575.D (-2933) (-)



#68

m/p-Xylenes

Concen: 9.656 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060575.D

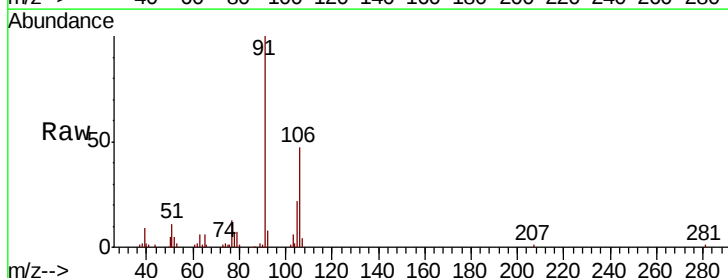
Acq: 17 Mar 2020 23:44

Tgt Ion: 106 Resp: 41531

Ion Ratio Lower Upper

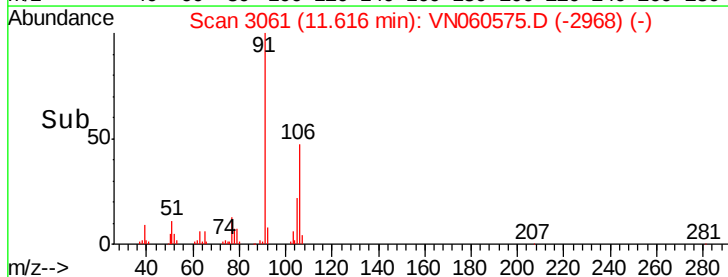
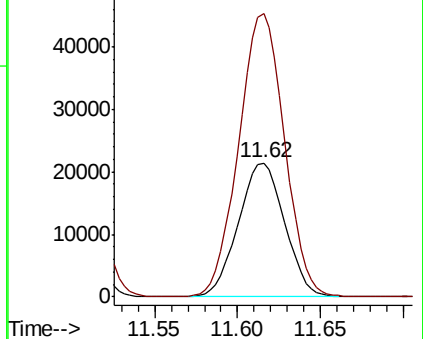
106 100

91 208.9 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): VN060575.D (-2968) (-)

Ion 91.00 (90.70 to 91.70): VN060575.D (-2968) (-)

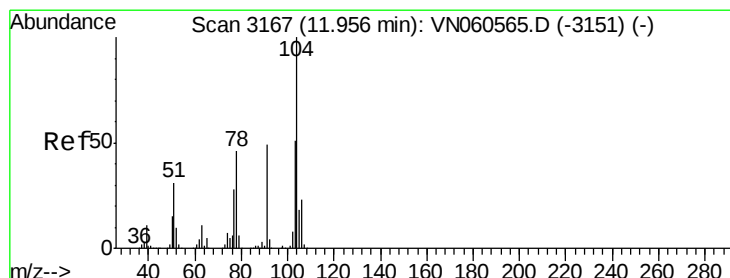
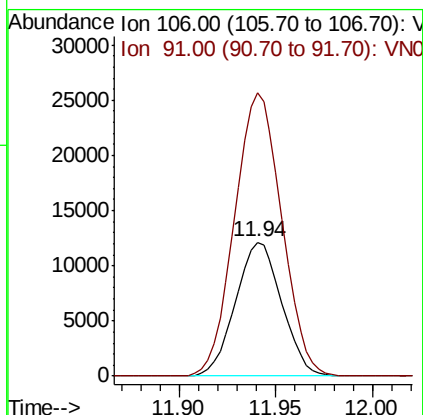
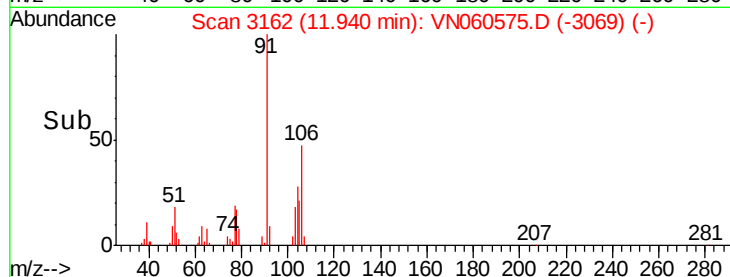
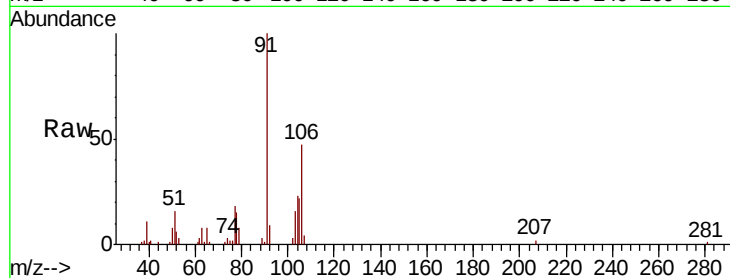




#69
o-Xylene
Concen: 4.913 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

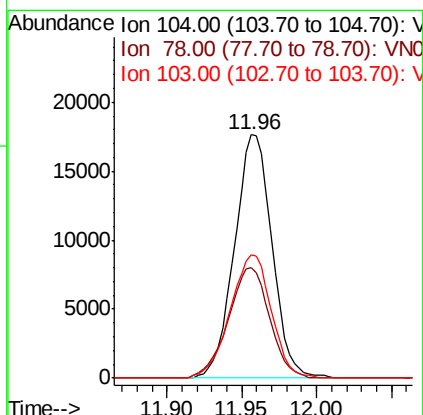
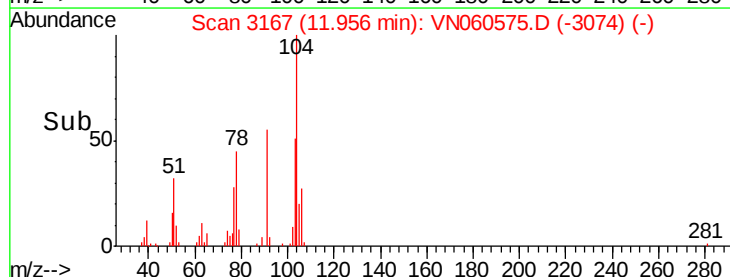
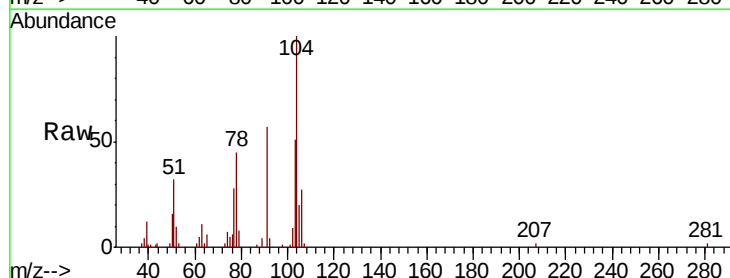
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

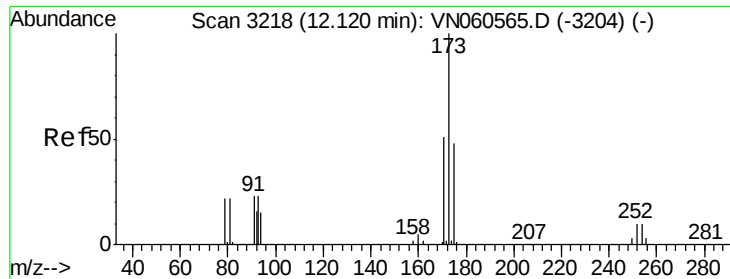
Tot Ion:106 Resp: 20171
Ion Ratio Lower Upper
106 100
91 215.8 109.5 328.4



#70
Styrene
Concen: 4.597 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

Tgt Ion:104 Resp: 30867
Ion Ratio Lower Upper
104 100
78 49.8 41.2 61.8
103 55.4 44.0 66.0

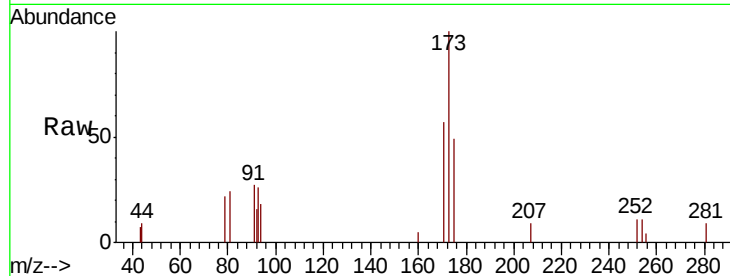




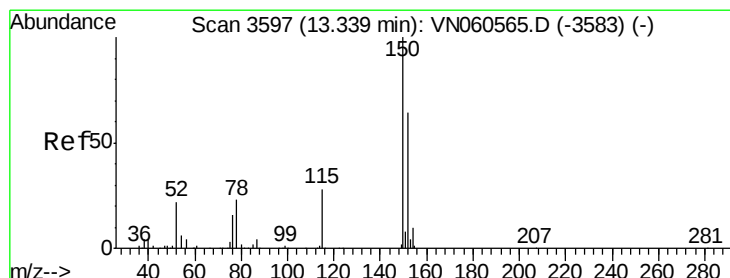
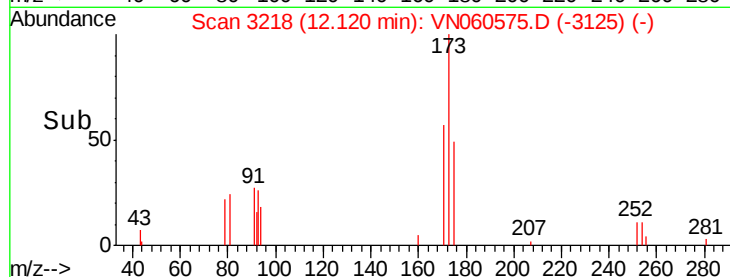
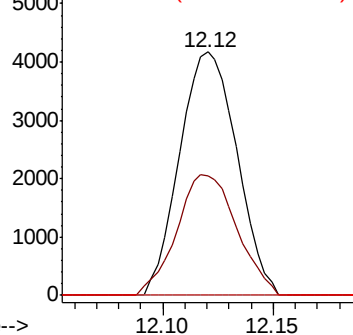
#71
Bromoform
Concen: 4.475 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

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

Tot Ion:173 Resp: 7525
Ion Ratio Lower Upper
173 100
175 51.8 24.1 72.4
254 0.0 0.0 0.0

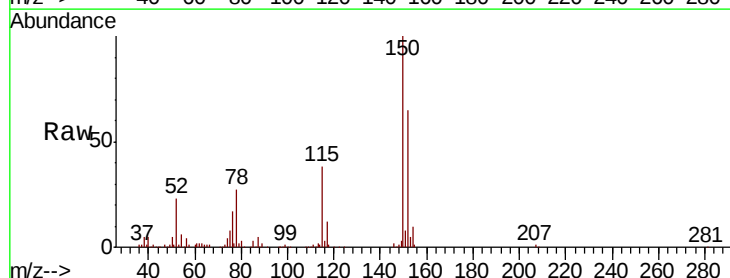


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

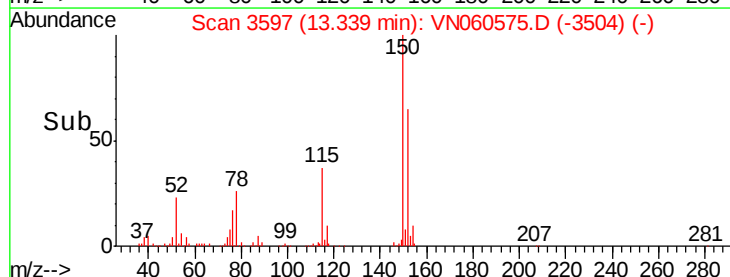
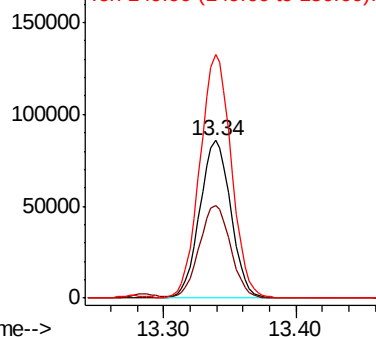


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

Tgt Ion:152 Resp: 139499
Ion Ratio Lower Upper
152 100
115 59.3 30.2 90.6
150 157.0 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.035 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

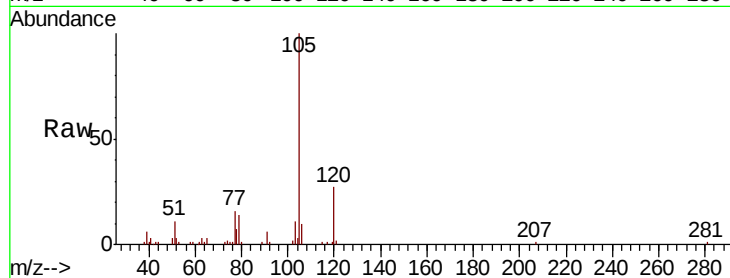
LOQ-WATER-02-QT1-2020

Tot Ion: 105 Resp: 52712

Ion Ratio Lower Upper

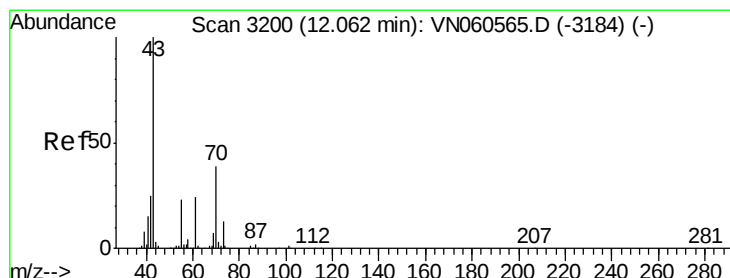
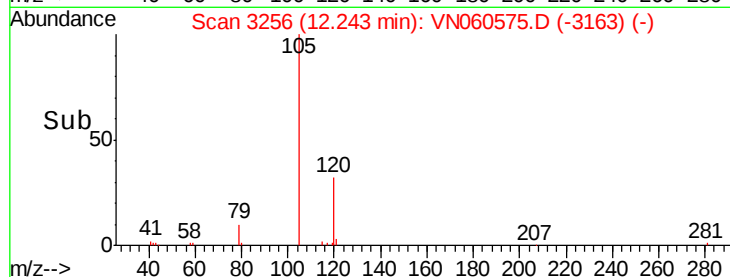
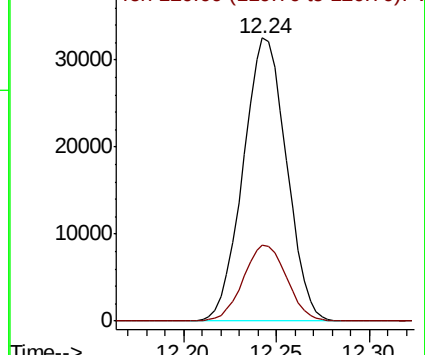
105 100

120 26.8 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.582 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Tgt Ion: 43 Resp: 22167

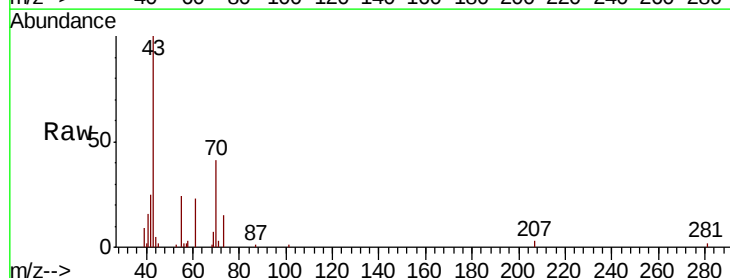
Ion Ratio Lower Upper

43 100

70 39.8 31.1 46.7

55 23.3 18.6 27.8

61 22.2 18.9 28.3

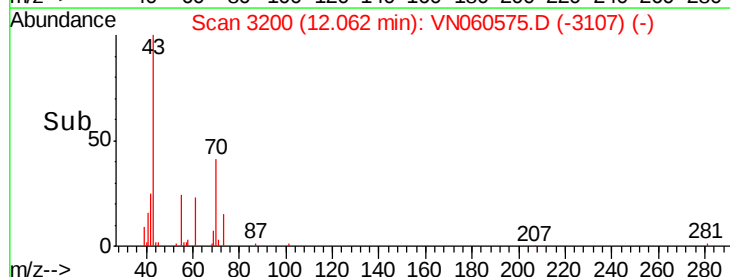
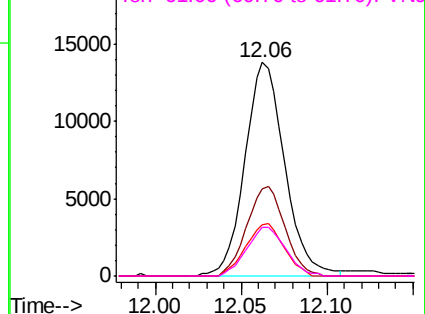


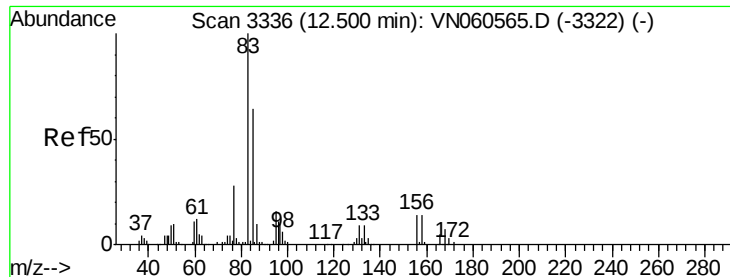
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 4.974 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

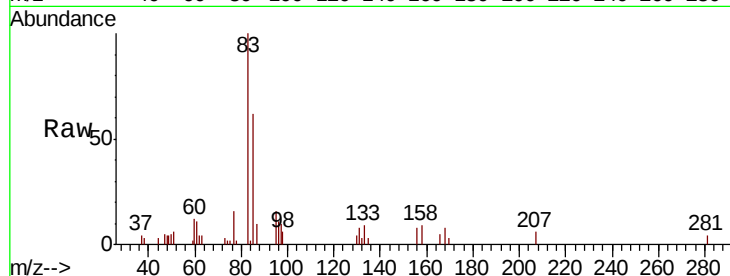
Tot Ion: 83 Resp: 15748

Ion Ratio Lower Upper

83 100

131 8.6 4.9 14.7

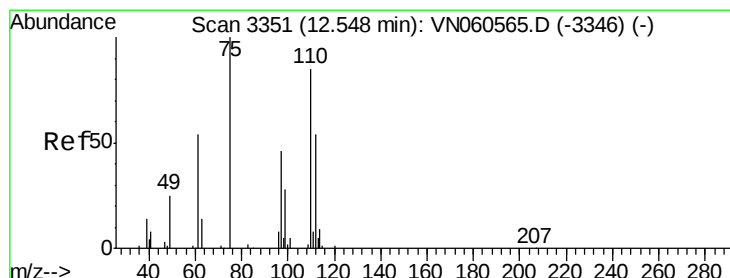
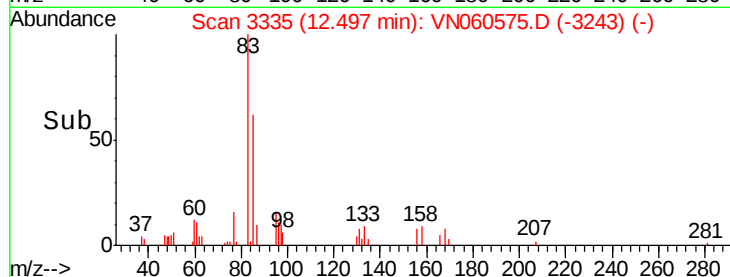
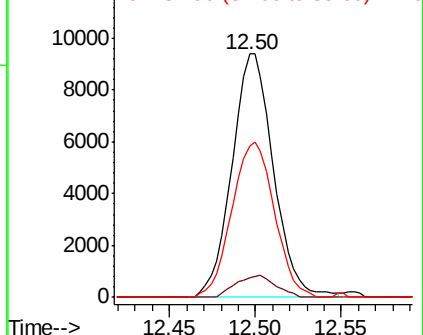
85 65.2 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060575.D (-3335) (-)

Ion 130.80 (130.50 to 131.50): VN060575.D (-3335) (-)

Ion 84.90 (84.60 to 85.60): VN060575.D (-3335) (-)



#76

1,2,3-Trichloropropane

Concen: 6.966 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060575.D

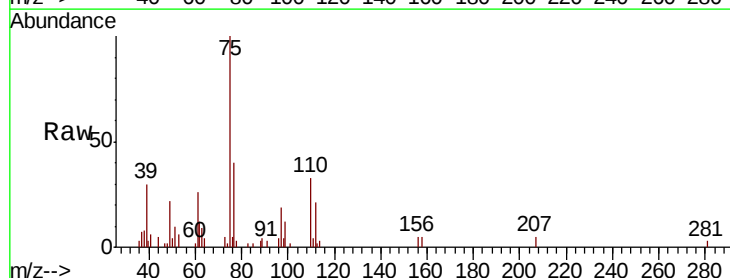
Acq: 17 Mar 2020 23:44

Tgt Ion: 75 Resp: 20969

Ion Ratio Lower Upper

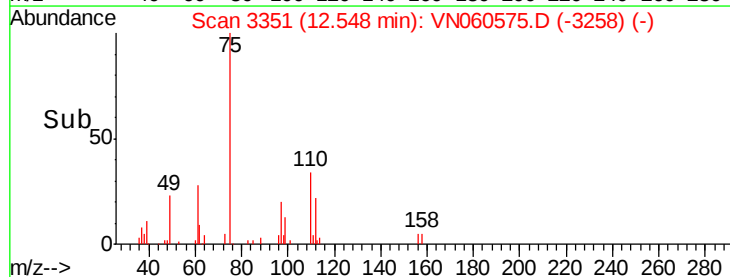
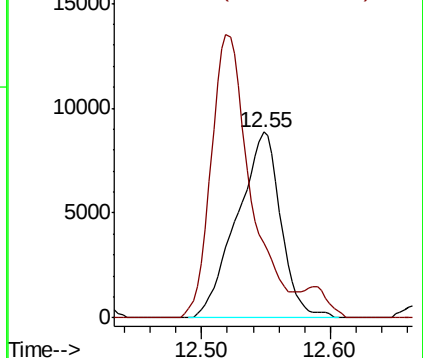
75 100

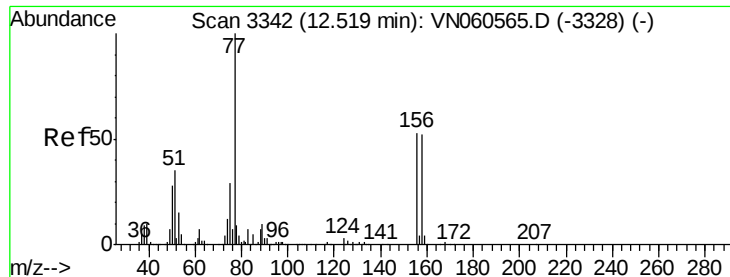
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060575.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN060575.D (-3351) (-)





#77

Bromobenzene

Concen: 5.120 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

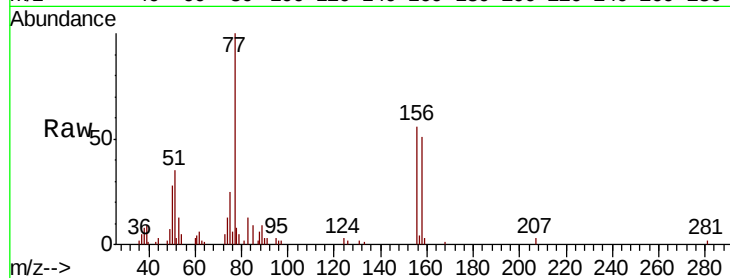
Tot Ion:156 Resp: 12916

Ion Ratio Lower Upper

156 100

77 220.8 112.3 337.0

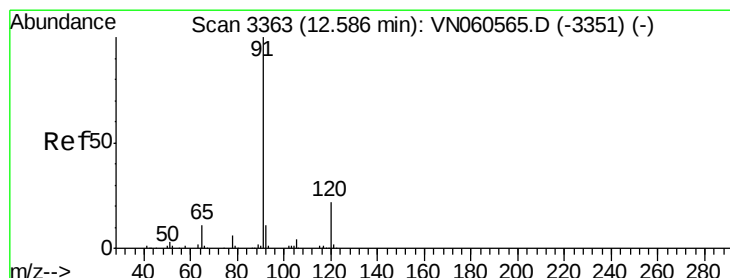
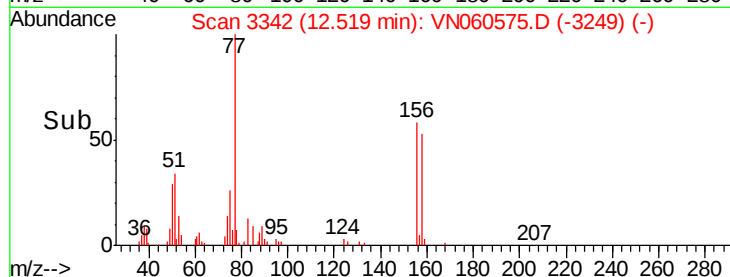
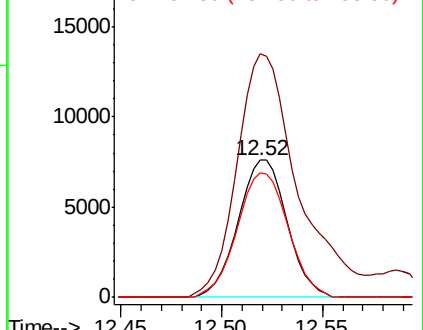
158 94.6 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.969 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060575.D

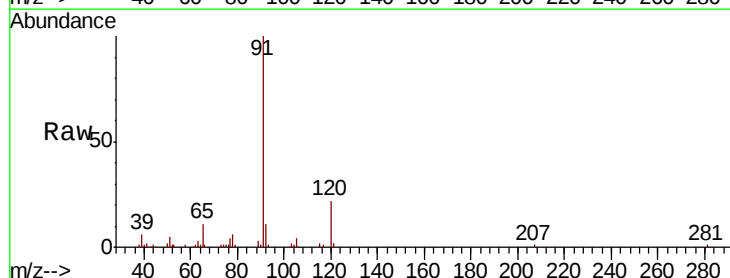
Acq: 17 Mar 2020 23:44

Tgt Ion: 91 Resp: 61456

Ion Ratio Lower Upper

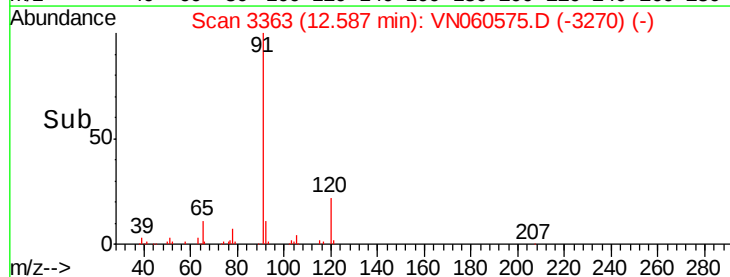
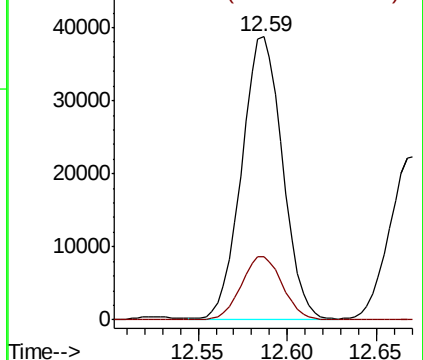
91 100

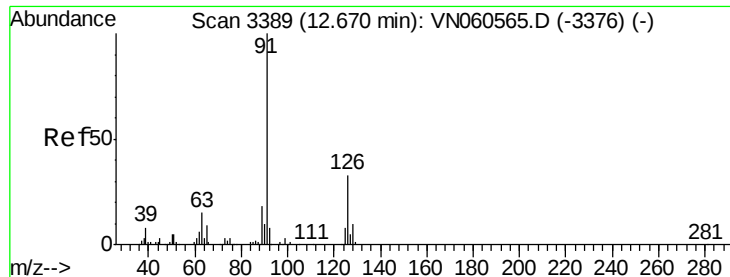
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

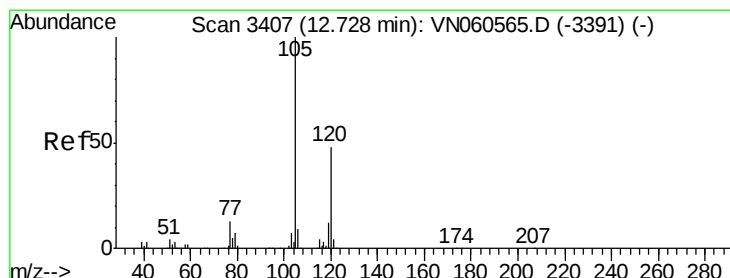
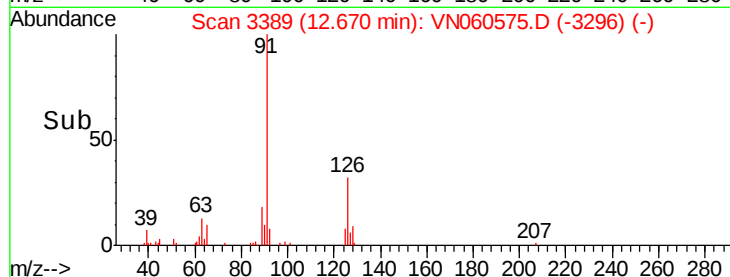
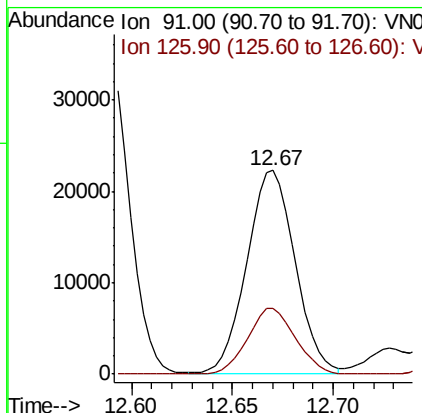
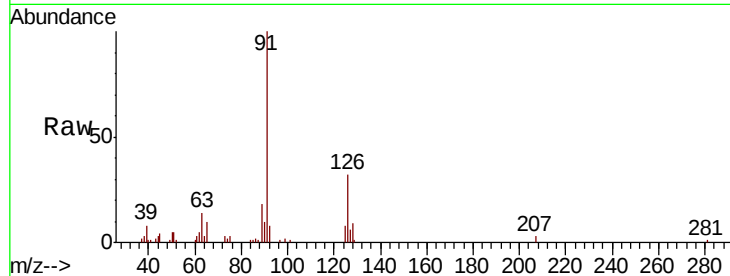




#79
 2-Chlorotoluene
 Concen: 5.039 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN060575.D
 Acq: 17 Mar 2020 23:44

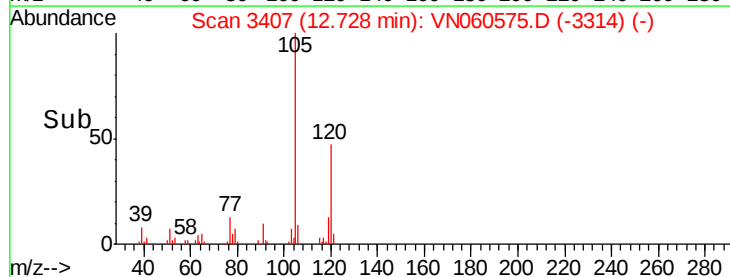
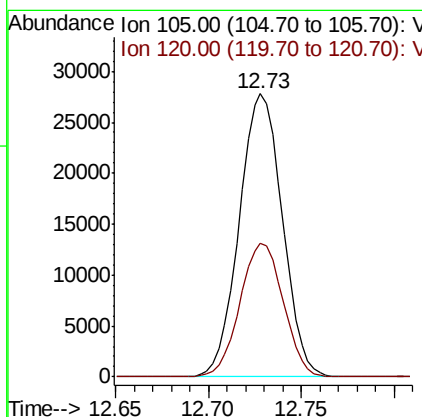
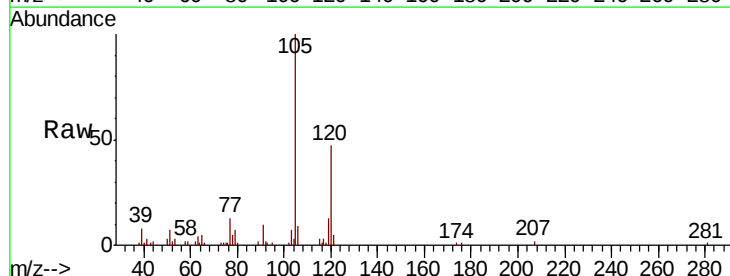
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

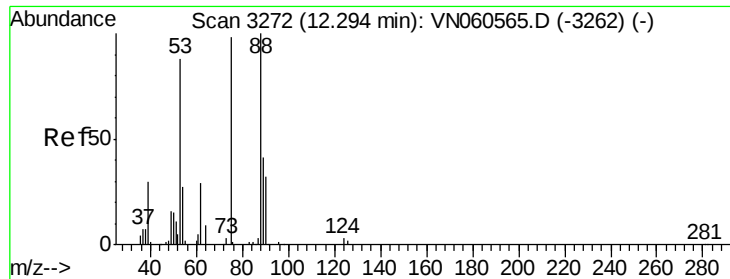
Tot Ion: 91 Resp: 37235
 Ion Ratio Lower Upper
 91 100
 126 32.2 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 5.052 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060575.D
 Acq: 17 Mar 2020 23:44

Tgt Ion: 105 Resp: 44879
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 4.367 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

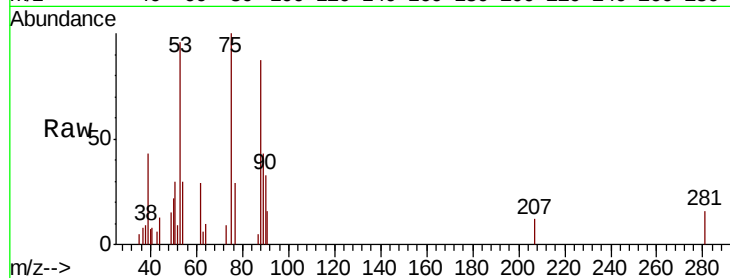
Tot Ion: 75 Resp: 5118

Ion Ratio Lower Upper

75 100

53 99.7 73.0 109.4

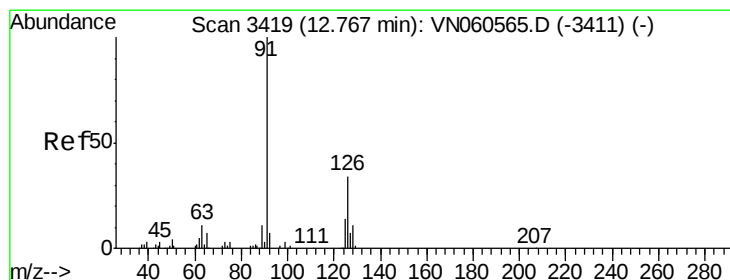
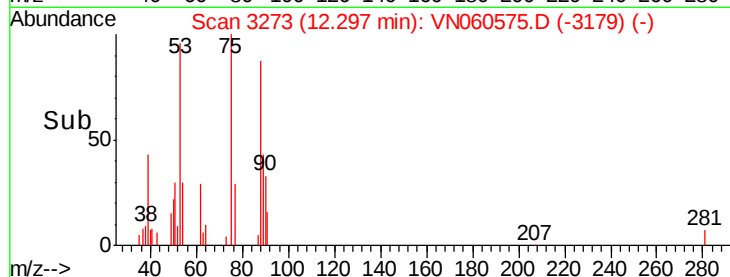
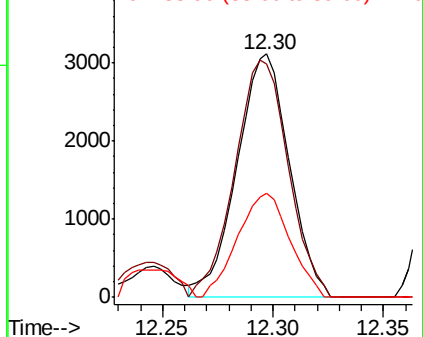
89 43.0 34.8 52.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 5.073 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN060575.D

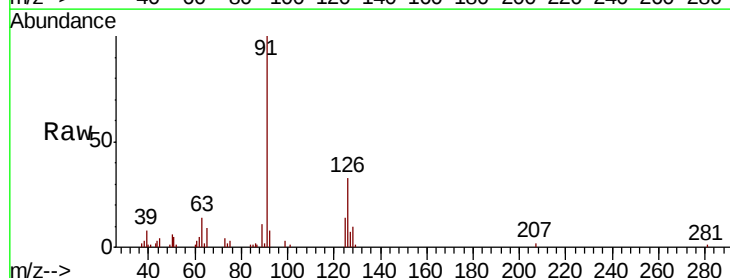
Acq: 17 Mar 2020 23:44

Tgt Ion: 91 Resp: 38181

Ion Ratio Lower Upper

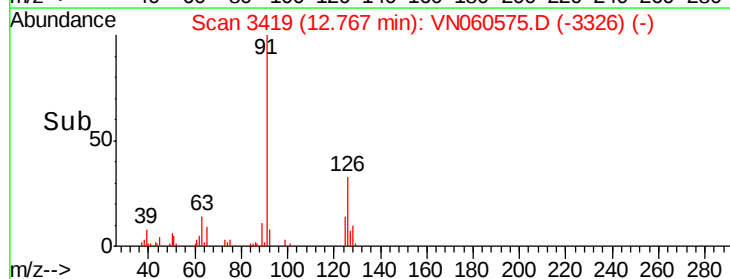
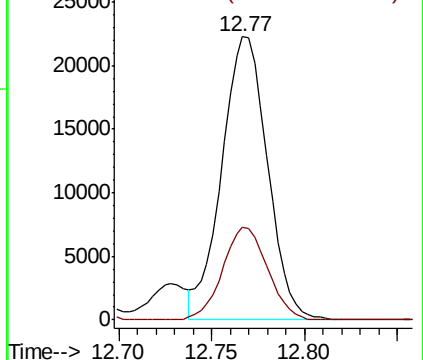
91 100

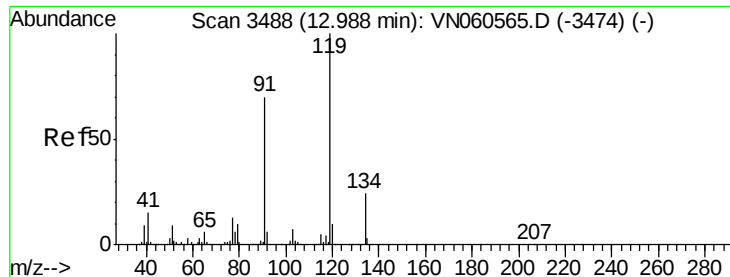
126 32.0 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 5.080 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

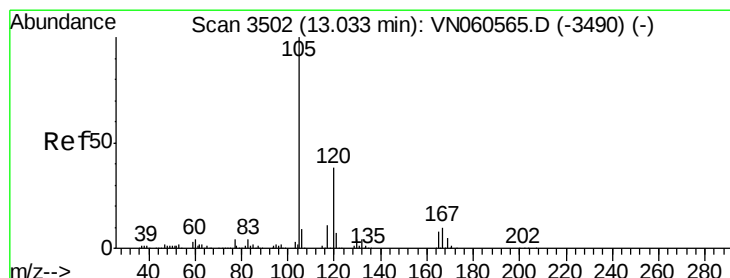
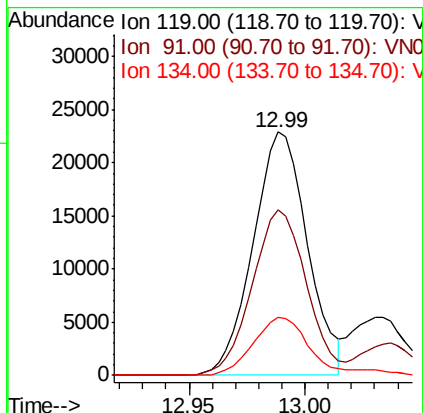
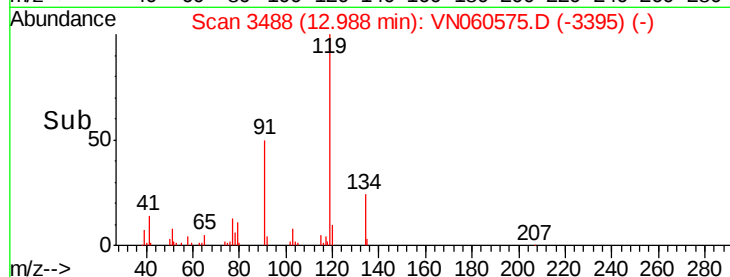
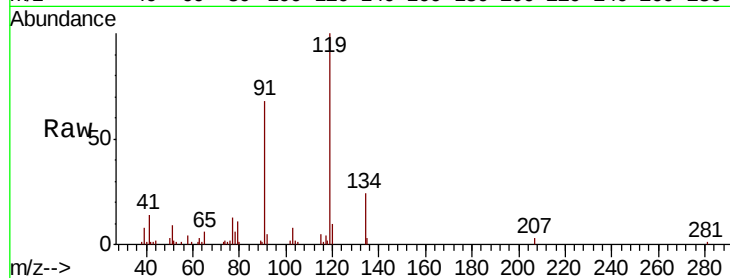
Tot Ion:119 Resp: 37416

Ion Ratio Lower Upper

119 100

91 68.0 34.0 101.8

134 23.9 12.7 38.0



#84

1,2,4-Trimethylbenzene

Concen: 5.072 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. 0.00 min

Lab File: VN060575.D

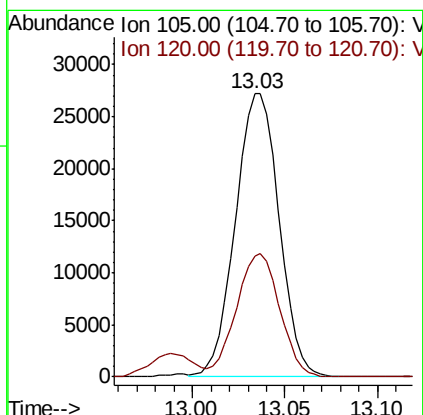
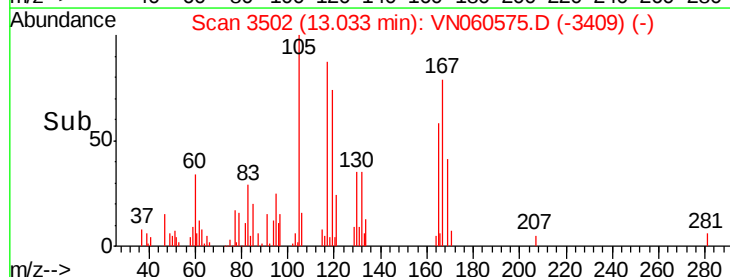
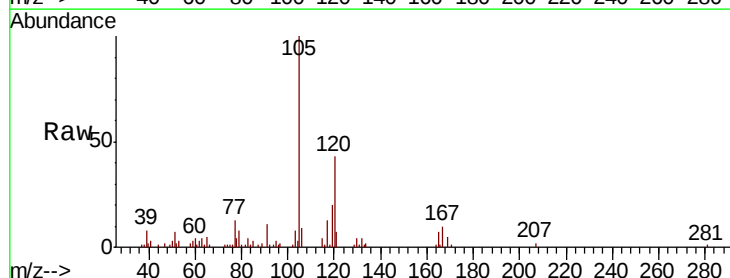
Acq: 17 Mar 2020 23:44

Tgt Ion:105 Resp: 44577

Ion Ratio Lower Upper

105 100

120 43.0 22.1 66.5





#85

sec-Butylbenzene

Concen: 5.021 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

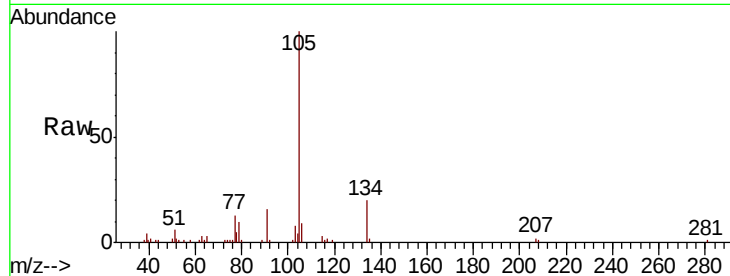
LOQ-WATER-02-QT1-2020

Tot Ion:105 Resp: 49720

Ion Ratio Lower Upper

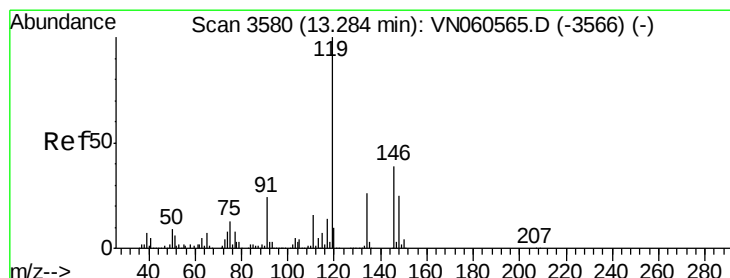
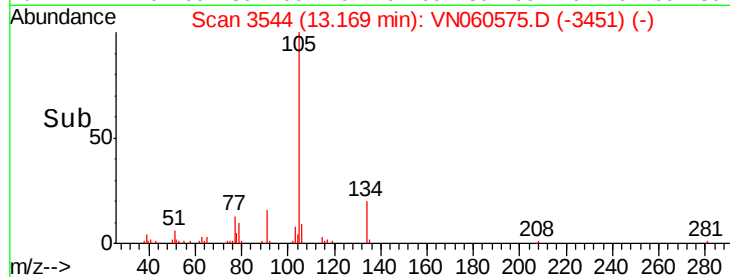
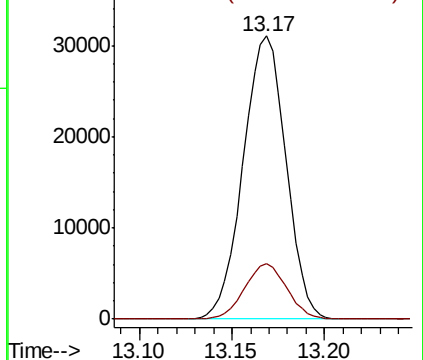
105 100

134 19.2 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.906 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

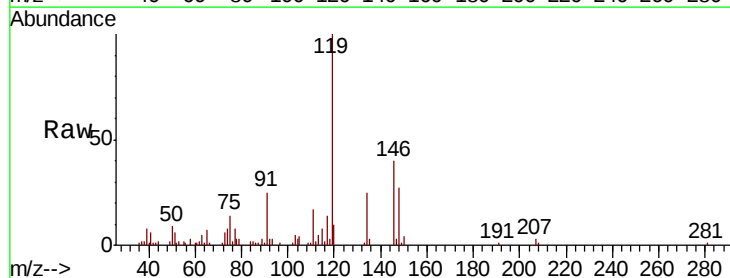
Tgt Ion:119 Resp: 43688

Ion Ratio Lower Upper

119 100

134 24.8 13.0 39.0

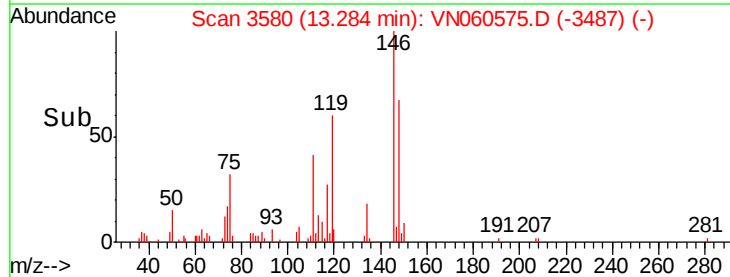
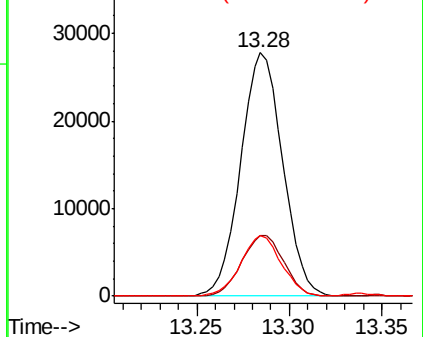
91 24.2 12.0 36.0

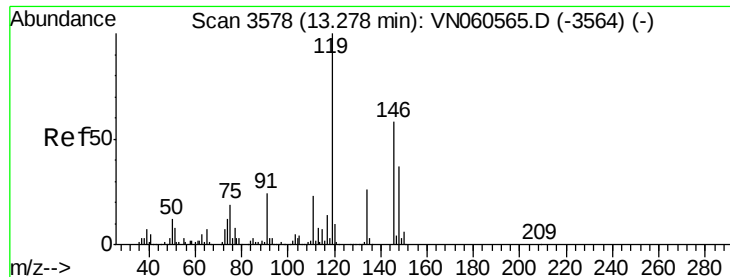


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

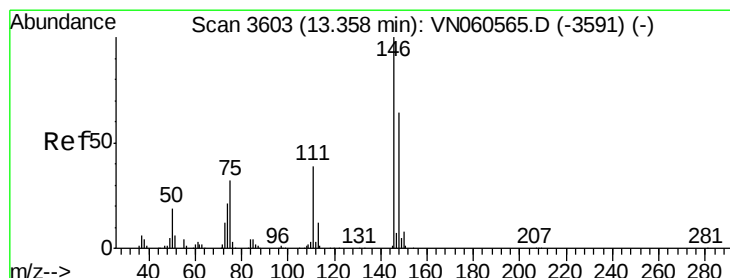
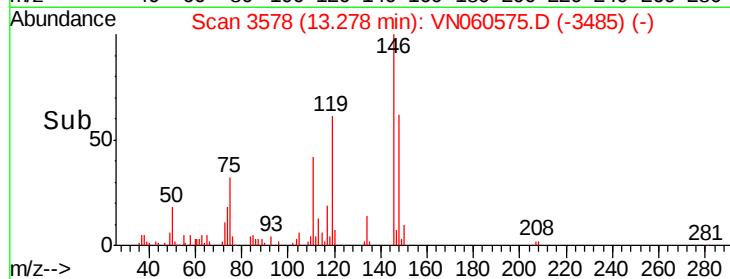
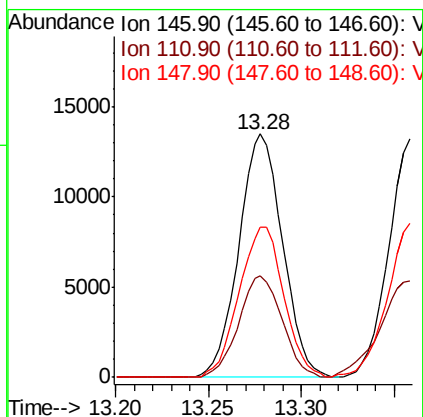
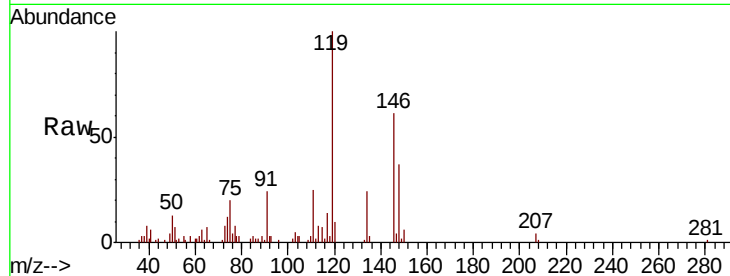




#87
 1,3-Dichlorobenzene
 Concen: 4.959 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060575.D
 Acq: 17 Mar 2020 23:44

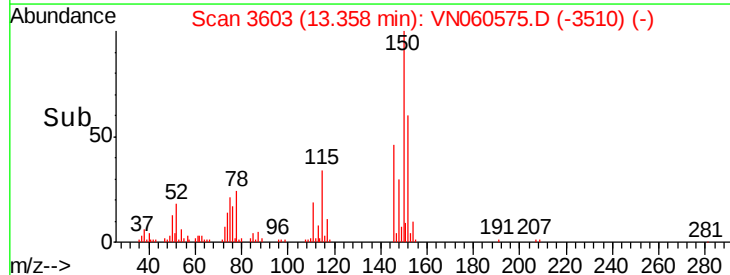
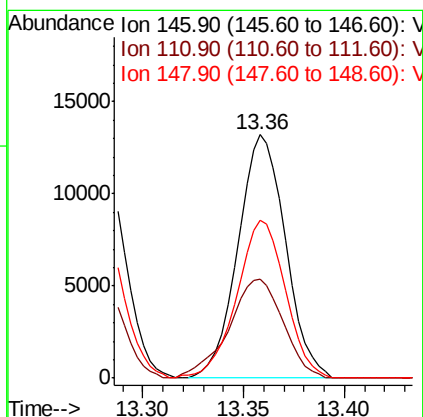
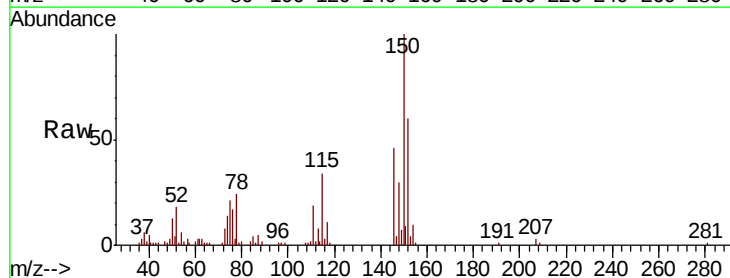
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

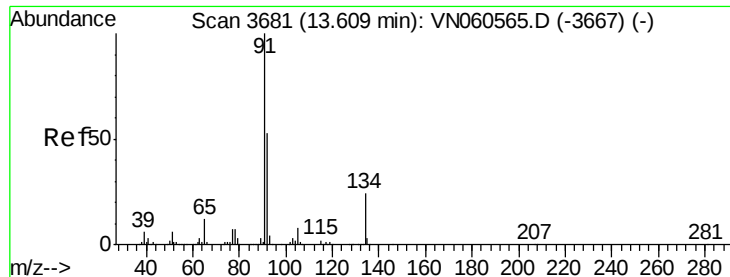
Tot Ion:146 Resp: 22064
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.3 60.8
 148 63.0 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 4.877 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060575.D
 Acq: 17 Mar 2020 23:44

Tgt Ion:146 Resp: 21800
 Ion Ratio Lower Upper
 146 100
 111 46.5 19.6 58.7
 148 66.3 32.1 96.3

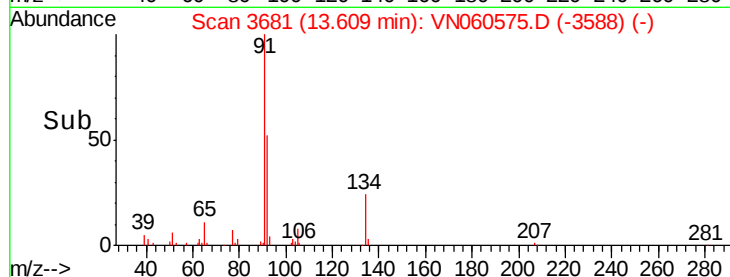
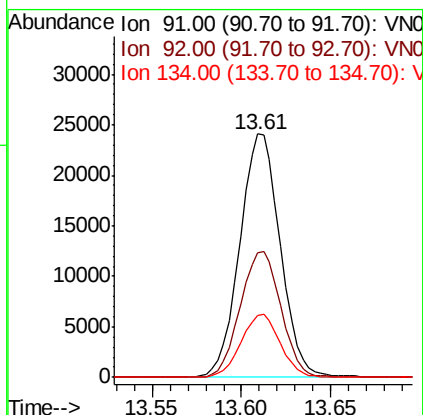
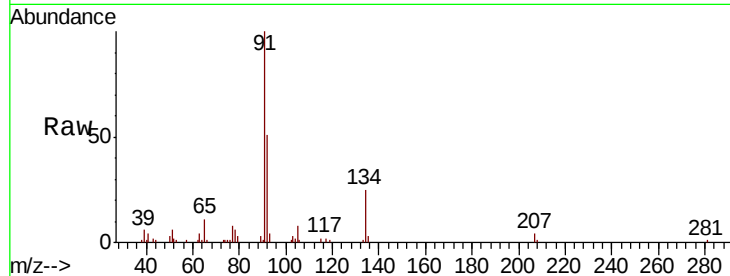




#89
n-Butylbenzene
Concen: 4.745 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

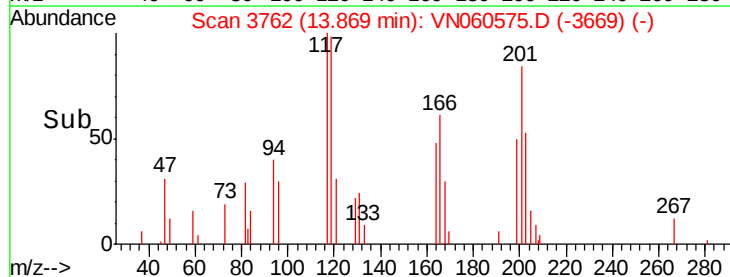
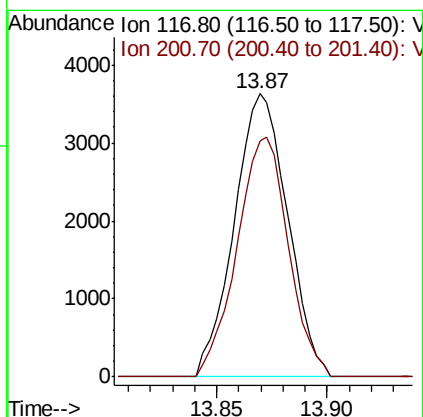
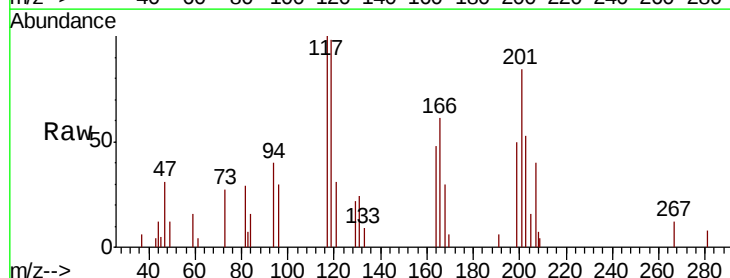
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

Tot Ion: 91 Resp: 38151
Ion Ratio Lower Upper
91 100
92 51.8 26.2 78.5
134 25.0 12.3 36.9



#90
Hexachloroethane
Concen: 4.701 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN060575.D
Acq: 17 Mar 2020 23:44

Tgt Ion: 117 Resp: 6085
Ion Ratio Lower Upper
117 100
201 81.6 40.8 122.5

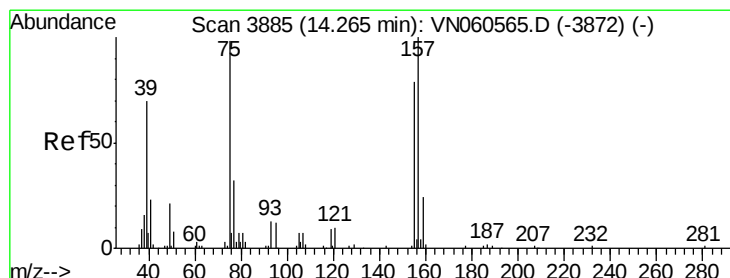
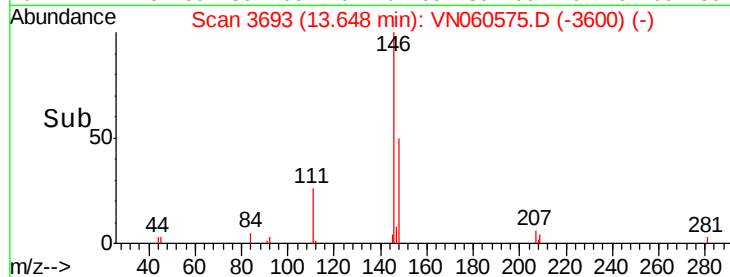
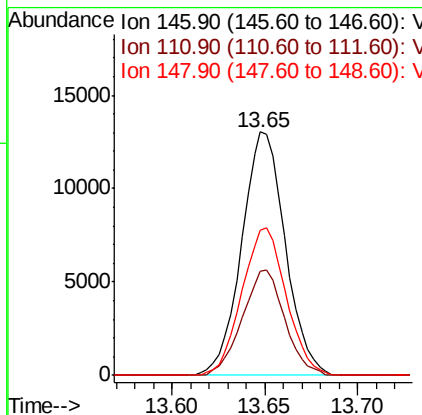
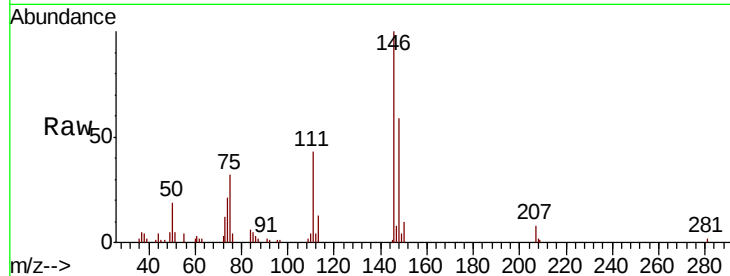




#91
 1,2-Dichlorobenzene
 Concen: 5.016 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN060575.D
 Acq: 17 Mar 2020 23:44

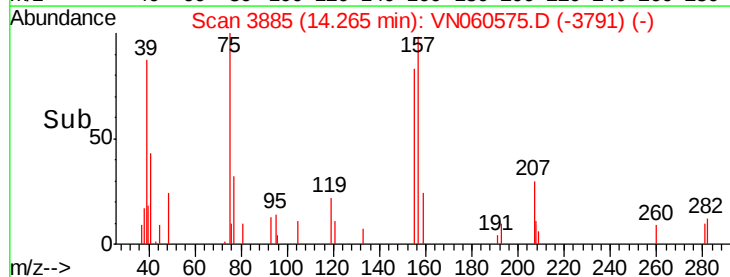
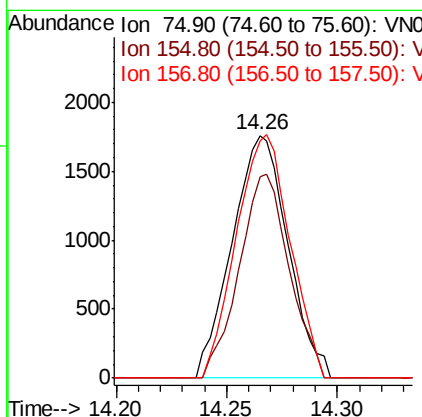
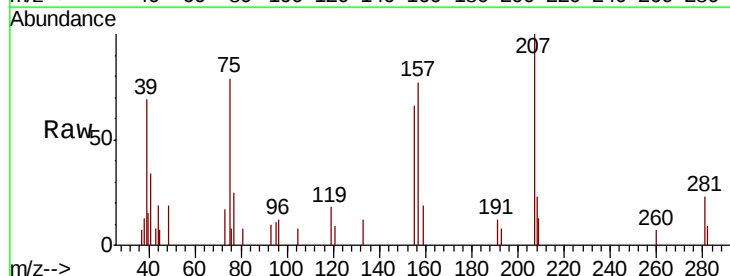
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

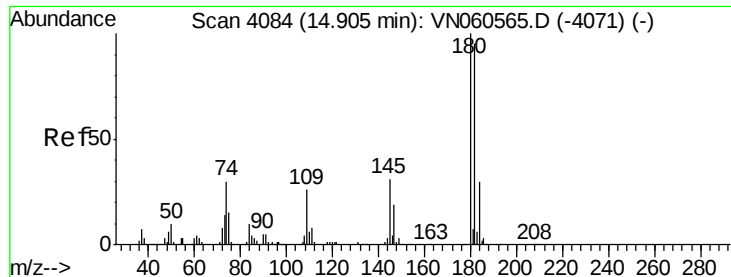
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.0	63.0
148	61.5	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.334 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060575.D
 Acq: 17 Mar 2020 23:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.3	40.7	122.1
157	96.8	51.5	154.7

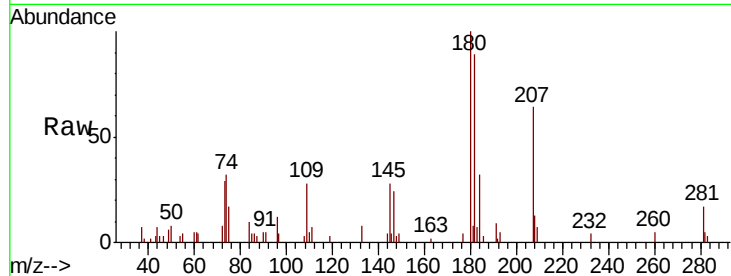




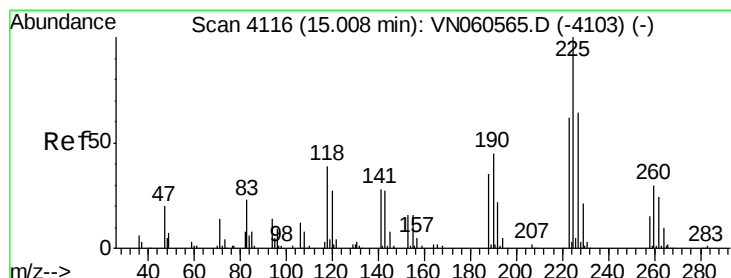
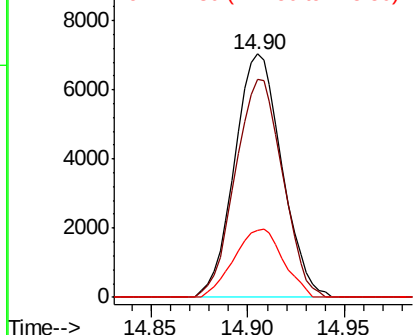
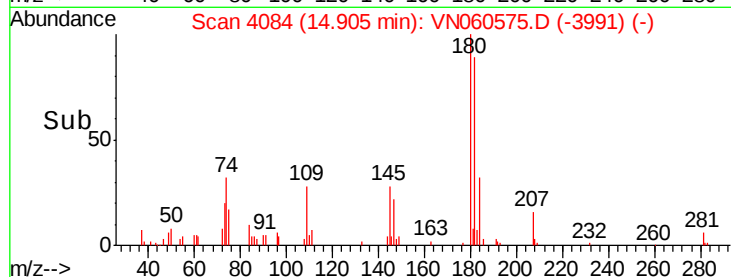
#93
 1,2,4-Trichlorobenzene
 Concen: 4.574 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060575.D
 Acq: 17 Mar 2020 23:44

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

Tot Ion:180 Resp: 11951
 Ion Ratio Lower Upper
 180 100
 182 89.5 47.9 143.8
 145 29.3 15.4 46.2

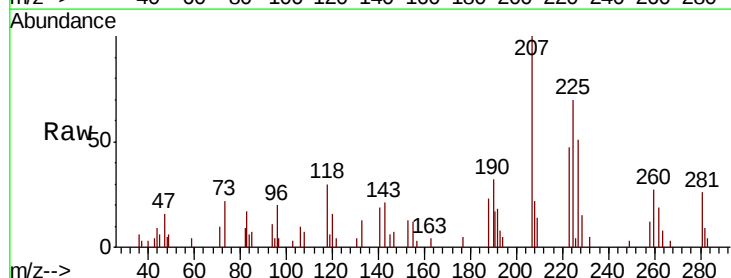


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

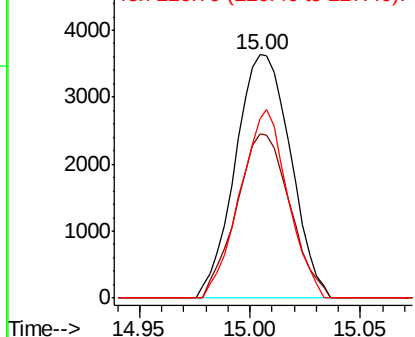
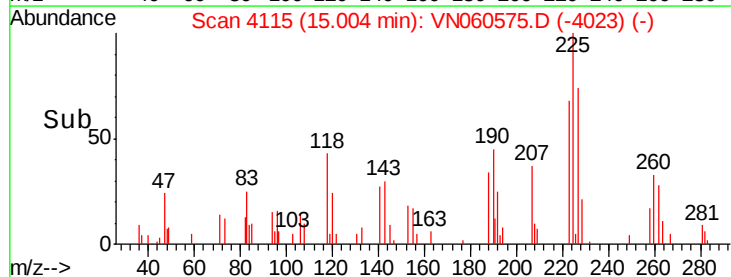


#94
 Hexachlorobutadiene
 Concen: 4.922 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN060575.D
 Acq: 17 Mar 2020 23:44

Tgt Ion:225 Resp: 6304
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.6 95.0
 227 67.0 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 4.147 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

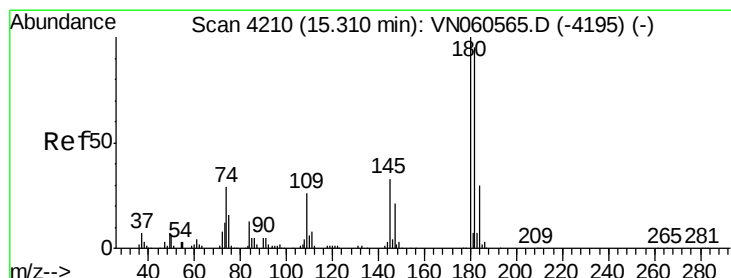
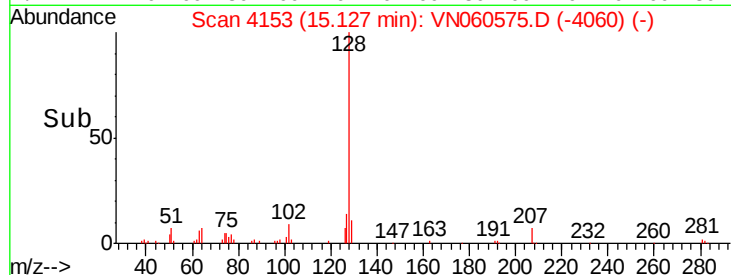
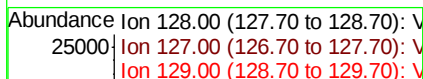
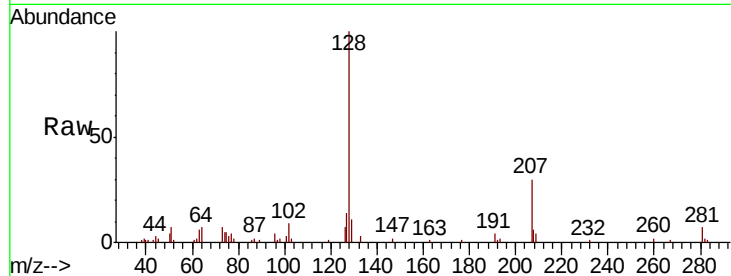
Tot Ion:128 Resp: 32588

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 10.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 4.407 ug/l

RT: 15.31 min Scan# 4209

Delta R.T. -0.00 min

Lab File: VN060575.D

Acq: 17 Mar 2020 23:44

Tgt Ion:180 Resp: 11340

Ion Ratio Lower Upper

180 100

182 97.0 47.5 142.6

145 32.9 16.3 48.8

