

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060574.D
 Acq On : 17 Mar 2020 23:21
 Operator : JC/MD
 Sample : L1161-08 1.0PPB LOQ
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Mar 18 09:06:32 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	204470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	346485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	309492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132173	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	138420	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	7.57	113	101205	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
50) Toluene-d8	10.08	98	403636	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
62) 4-Bromofluorobenzene	12.40	95	138472	44.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	1551	0.784	ug/l	93
3) Chloromethane	2.04	50	3430	0.928	ug/l	94
4) Vinyl Chloride	2.16	62	2573	0.890	ug/l	96
5) Bromomethane	2.55	94	1240	0.994	ug/l	92
6) Chloroethane	2.68	64	1571	0.944	ug/l #	87
7) Trichlorofluoromethane	3.00	101	3228	0.907	ug/l	99
8) Diethyl Ether	3.39	74	1288	0.901	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	1830	0.887	ug/l	91
10) Methyl Iodide	3.92	142	798	0.435	ug/l #	91
11) Tert butyl alcohol	4.73	59	1728	4.186	ug/l #	72
12) 1,1-Dichloroethene	3.71	96	2083	0.941	ug/l	86
13) Acrolein	3.59	56	1647	3.600	ug/l #	55
14) Allyl chloride	4.30	41	3372	0.866	ug/l	89
15) Acrylonitrile	4.96	53	4290	3.534	ug/l #	58
16) Acetone	3.79	43	4729	4.756	ug/l	98
17) Carbon Disulfide	4.03	76	7052	1.047	ug/l #	95
18) Methyl Acetate	4.28	43	1079	0.386	ug/l	91
19) Methyl tert-butyl Ether	5.00	73	4158	0.546	ug/l	94
20) Methylene Chloride	4.51	84	2383	0.974	ug/l	92
21) trans-1,2-Dichloroethene	5.01	96	1389	0.589	ug/l	93
22) Diisopropyl ether	5.92	45	7475	0.909	ug/l	97
23) Vinyl Acetate	5.87	43	28554	4.254	ug/l	97
24) 1,1-Dichloroethane	5.82	63	4346	0.969	ug/l #	85
25) 2-Butanone	6.81	43	6863	4.266	ug/l	96
26) 2,2-Dichloropropane	6.79	77	3051	0.865	ug/l	85
27) cis-1,2-Dichloroethene	6.80	96	2720	1.014	ug/l	91
28) Bromochloromethane	7.17	49	2130	0.993	ug/l #	95
29) Tetrahydrofuran	7.19	42	4829	4.242	ug/l	97
30) Chloroform	7.35	83	4152	0.966	ug/l	99
31) Cyclohexane	7.64	56	7963	1.761	ug/l #	34
32) 1,1,1-Trichloroethane	7.55	97	3333	0.899	ug/l #	51
36) 1,1-Dichloropropene	7.77	75	3209	0.956	ug/l	94
37) Ethyl Acetate	6.90	43	3733	1.030	ug/l #	70
38) Carbon Tetrachloride	7.75	117	2600	0.865	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	3578	0.897	ug/l	97
40) Benzene	8.02	78	9208	0.909	ug/l	97
41) Methacrylonitrile	7.18	41	2605	1.684	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	3457	0.999	ug/l	85
43) Isopropyl Acetate	8.14	43	5092	0.852	ug/l #	82
44) Trichloroethene	8.82	130	2595	1.016	ug/l	87
45) 1,2-Dichloropropane	9.10	63	2315	0.866	ug/l	94
46) Dibromomethane	9.19	93	1493	0.924	ug/l	92
47) Bromodichloromethane	9.39	83	2851	0.849	ug/l #	95
48) Methyl methacrylate	9.18	41	2287	0.859	ug/l	91
49) 1,4-Dioxane	9.18	88	383	12.105	ug/l #	63
51) 4-Methyl-2-Pentanone	9.97	43	14356	4.220	ug/l	99
52) Toluene	10.14	92	5584	0.913	ug/l	94
53) t-1,3-Dichloropropene	10.37	75	3350	0.869	ug/l	95
54) cis-1,3-Dichloropropene	9.83	75	3700	0.875	ug/l	90
55) 1,1,2-Trichloroethane	10.55	97	2096	0.891	ug/l	95
56) Ethyl methacrylate	10.42	69	2557	0.697	ug/l	90
57) 1,3-Dichloropropane	10.70	76	3582	0.877	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.68	63	7483	4.103	ug/l	100
59) 2-Hexanone	10.74	43	9756	3.981	ug/l	94
60) Dibromochloromethane	10.90	129	1990	0.819	ug/l	99
61) 1,2-Dibromoethane	10.99	107	2177	0.920	ug/l	86
64) Tetrachloroethene	10.62	164	2381	0.978	ug/l	96
65) Chlorobenzene	11.42	112	5780	0.942	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	1934	0.871	ug/l #	64
67) Ethyl Benzene	11.50	91	10539	0.924	ug/l	100
68) m/p-Xylenes	11.62	106	7366	1.737	ug/l	96
69) o-Xylene	11.94	106	3748	0.926	ug/l	96
70) Styrene	11.96	104	5209	0.787	ug/l	98
71) Bromoform	12.12	173	1235	0.745	ug/l #	99
73) Isopropylbenzene	12.24	105	9752	0.983	ug/l	99
74) N-amyl acetate	12.06	43	4276	0.933	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	2803	0.934	ug/l #	94
76) 1,2,3-Trichloropropane	12.55	75	4223	1.481	ug/l #	100
77) Bromobenzene	12.52	156	2368	0.991	ug/l	98
78) n-propylbenzene	12.59	91	11461	0.978	ug/l	97
79) 2-Chlorotoluene	12.67	91	6795	0.970	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	7697	0.914	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	70068	63.098	ug/l #	13
82) 4-Chlorotoluene	12.77	91	7036	0.987	ug/l	100
83) tert-Butylbenzene	12.99	119	6695	0.959	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	7707	0.925	ug/l	95
85) sec-Butylbenzene	13.17	105	9007	0.960	ug/l	100
86) p-Isopropyltoluene	13.28	119	7997	0.948	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	4176	0.991	ug/l	97
88) 1,4-Dichlorobenzene	13.28	146	4176	0.986	ug/l	99
89) n-Butylbenzene	13.61	91	6809	0.894	ug/l	99
90) Hexachloroethane	13.87	117	883	0.720	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	4077	1.011	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	608	0.903	ug/l	62

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Quant Title : SW846 8260
QLast Update : Wed Mar 18 09:02:01 2020
Response via : Initial Calibration

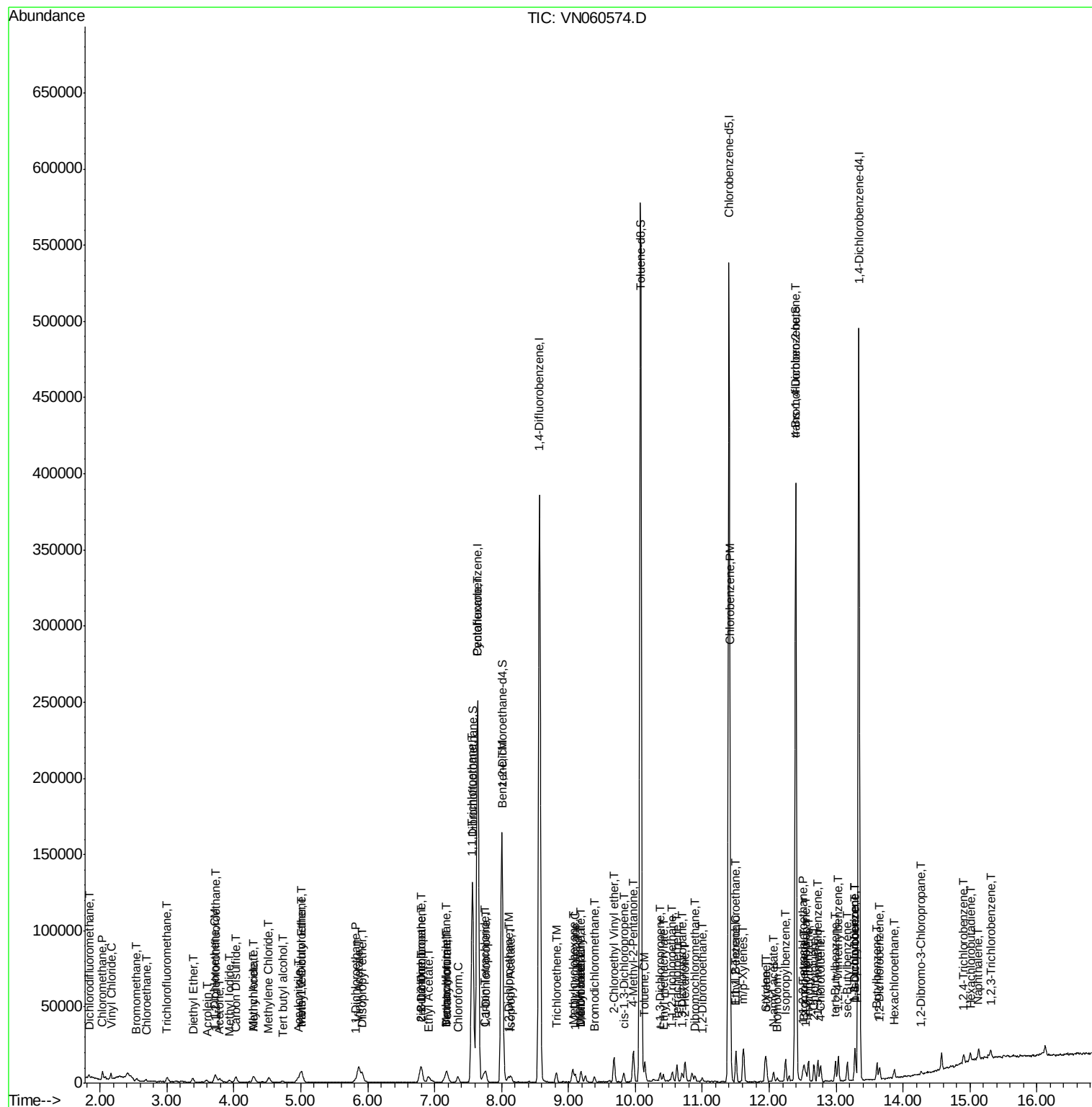
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	2065	0.834	ug/l	96
94) Hexachlorobutadiene	15.01	225	1375	1.133	ug/l	85
95) Naphthalene	15.13	128	6055	0.813	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	2051	0.841	ug/l	92

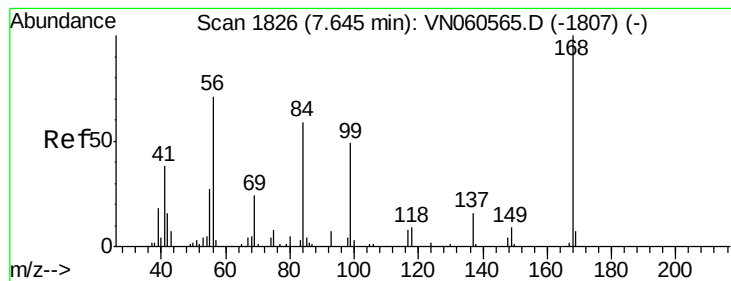
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

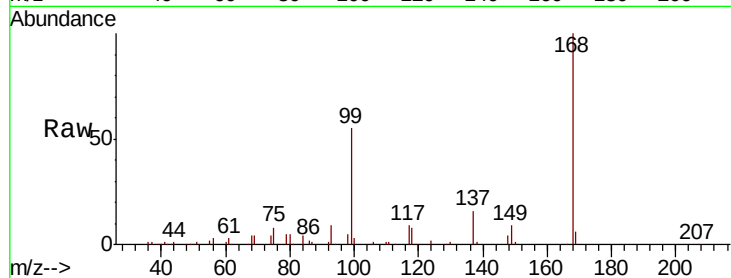
LOQ-WATER-02-QT1-2020

Tot Ion:168 Resp: 204470

Ion Ratio Lower Upper

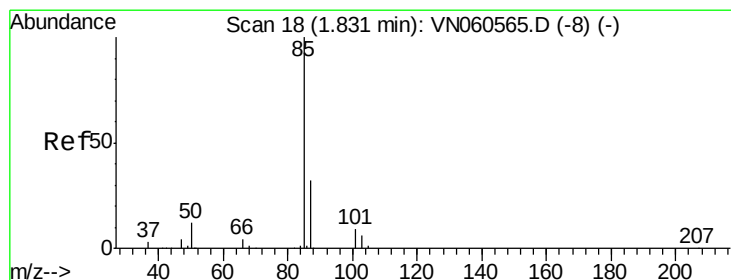
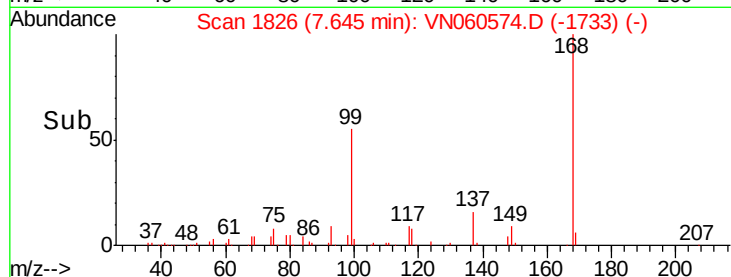
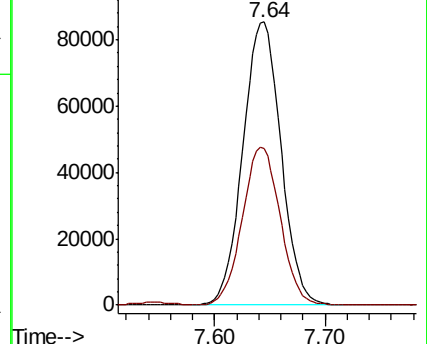
168 100

99 55.3 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 0.784 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN060574.D

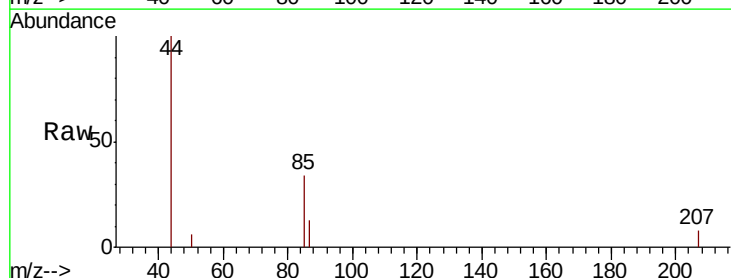
Acq: 17 Mar 2020 23:21

Tgt Ion: 85 Resp: 1551

Ion Ratio Lower Upper

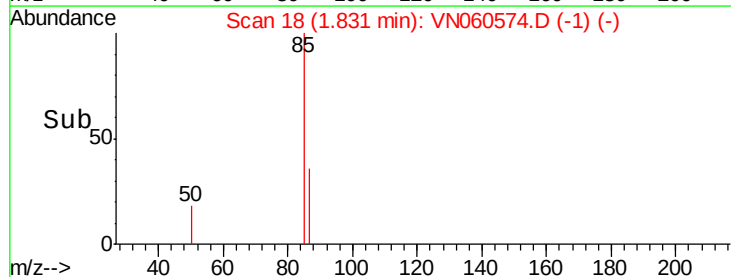
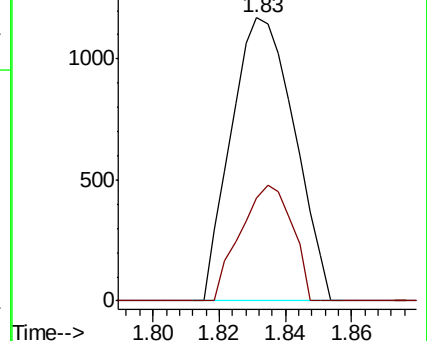
85 100

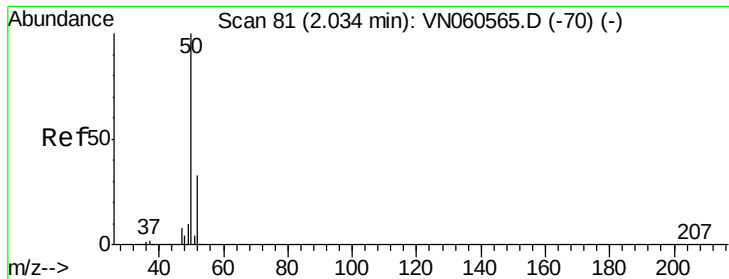
87 36.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 0.928 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

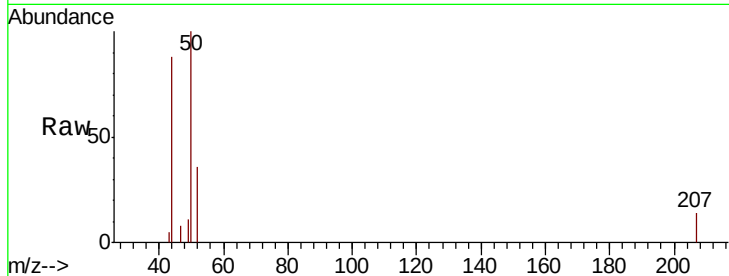
LOQ-WATER-02-QT1-2020

Tot Ion: 50 Resp: 3430

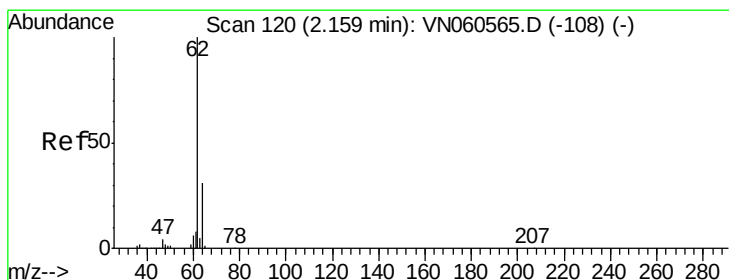
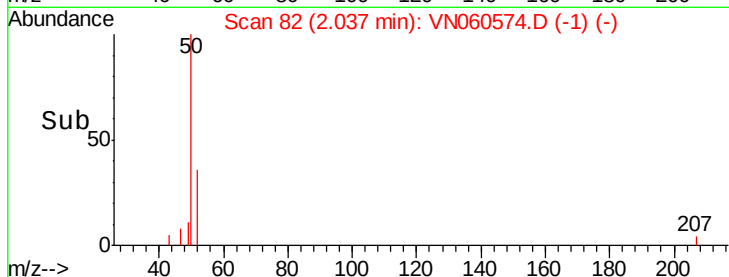
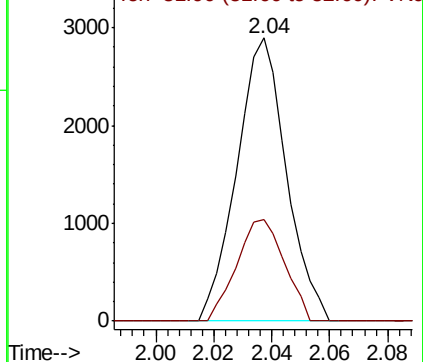
Ion Ratio Lower Upper

50 100

52 36.0 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 0.890 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060574.D

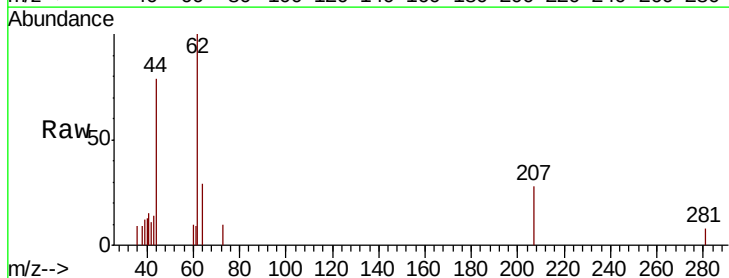
Acq: 17 Mar 2020 23:21

Tgt Ion: 62 Resp: 2573

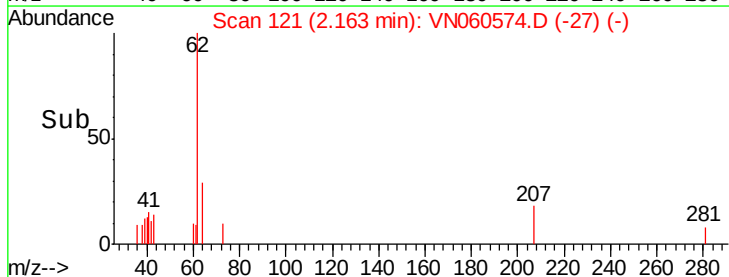
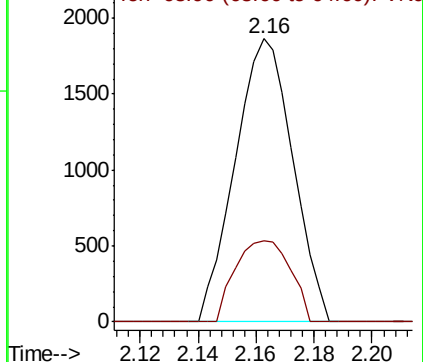
Ion Ratio Lower Upper

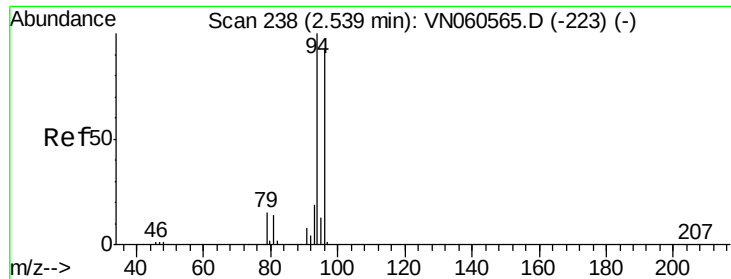
62 100

64 28.8 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO

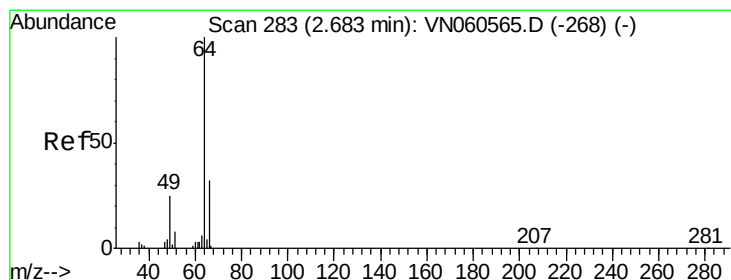
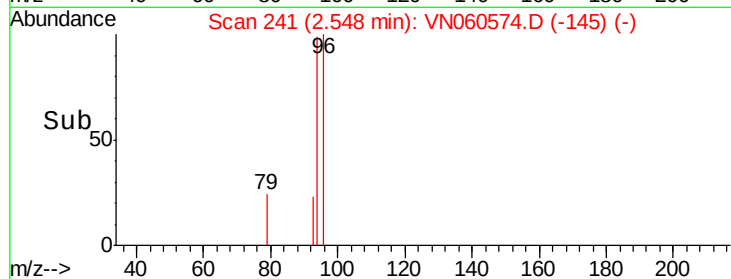
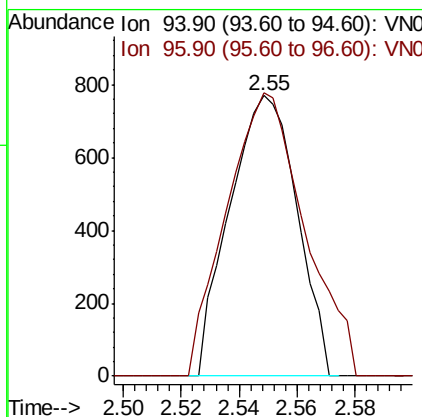
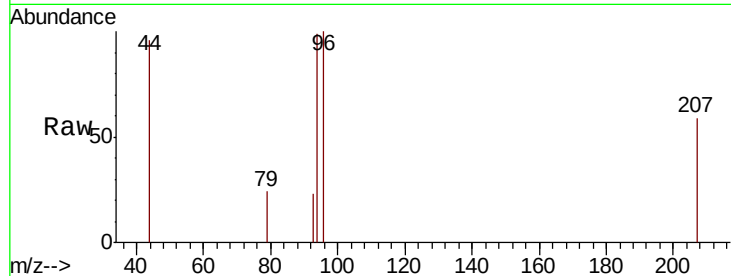




#5
Bromomethane
Concen: 0.994 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

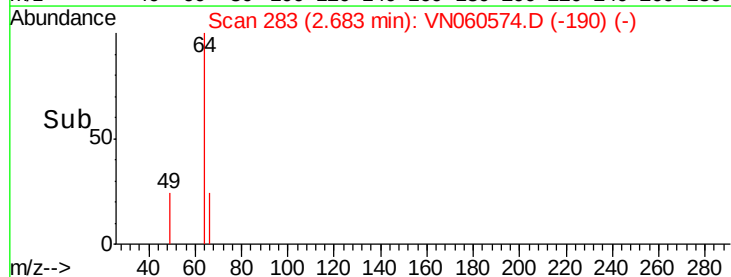
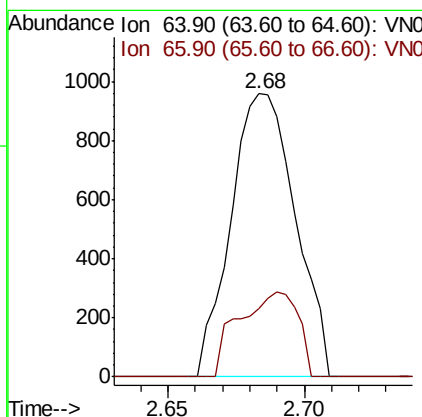
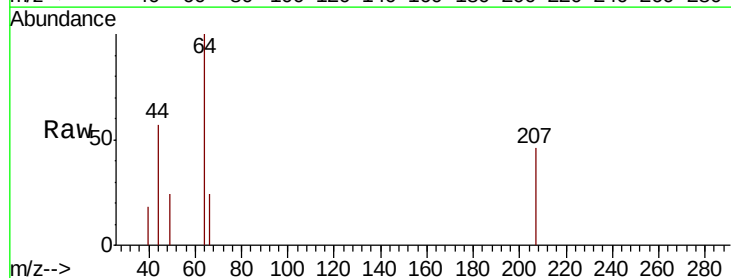
Instrument :
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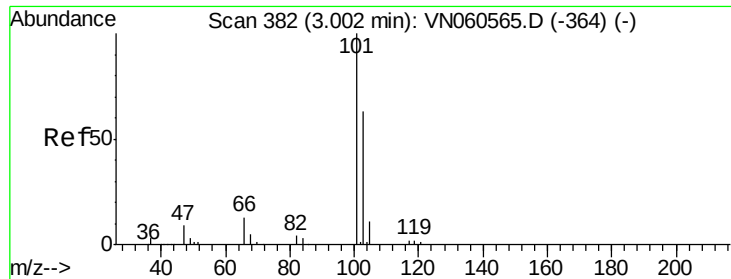
Tot Ion: 94 Resp: 1240
Ion Ratio Lower Upper
94 100
96 100.9 74.6 112.0



#6
Chloroethane
Concen: 0.944 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

Tgt Ion: 64 Resp: 1571
Ion Ratio Lower Upper
64 100
66 24.3 25.3 37.9#



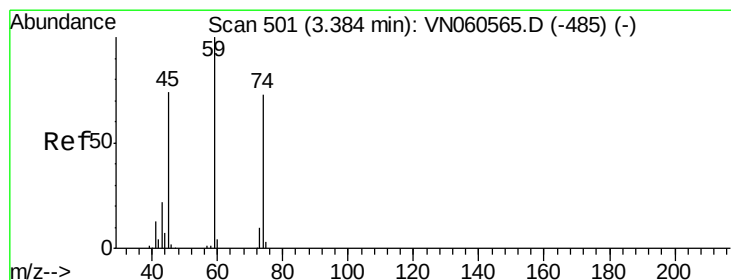
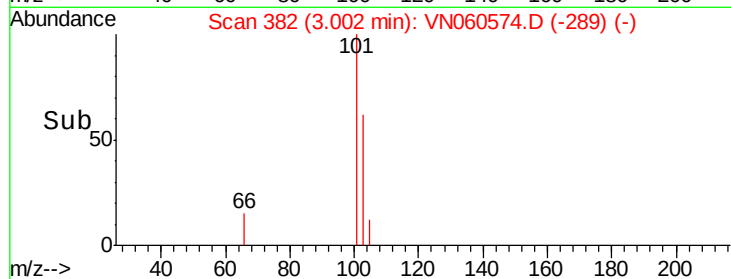
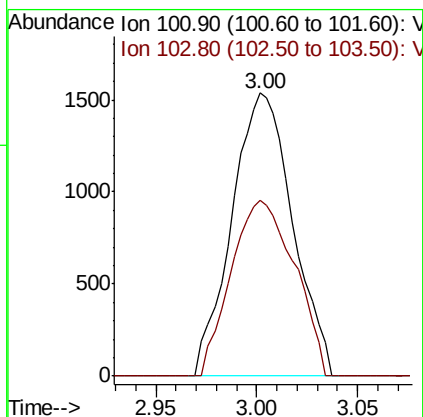
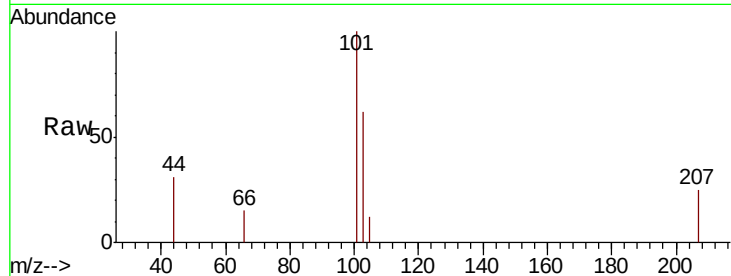


#7

Trichlorofluoromethane
 Concen: 0.907 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

Instrument :
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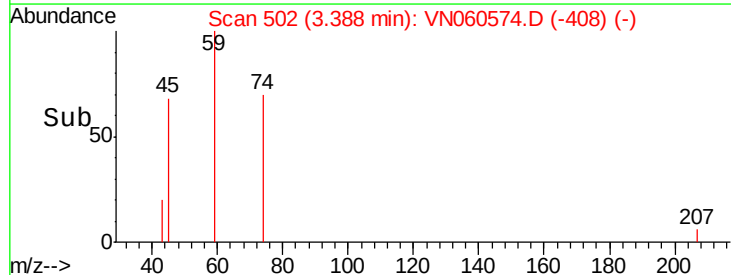
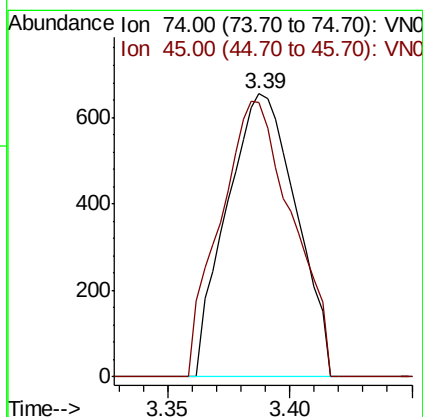
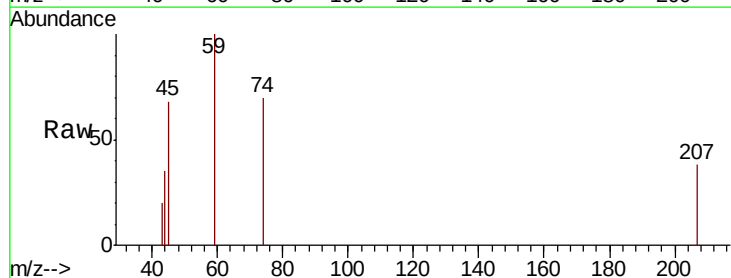
Tot Ion:101 Resp: 3228
 Ion Ratio Lower Upper
 101 100
 103 62.1 50.6 76.0

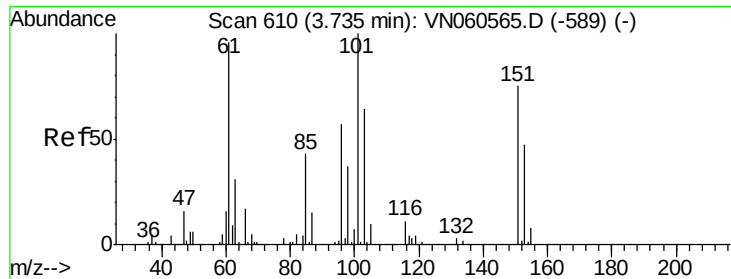


#8

Diethyl Ether
 Concen: 0.901 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

Tgt Ion: 74 Resp: 1288
 Ion Ratio Lower Upper
 74 100
 45 101.4 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.887 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.01 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

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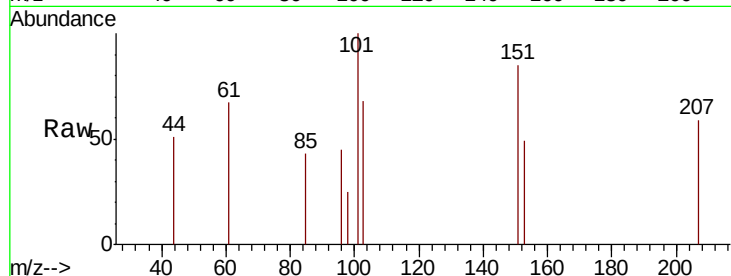
Tot Ion:101 Resp: 1830

Ion Ratio Lower Upper

101 100

85 39.0 35.6 53.4

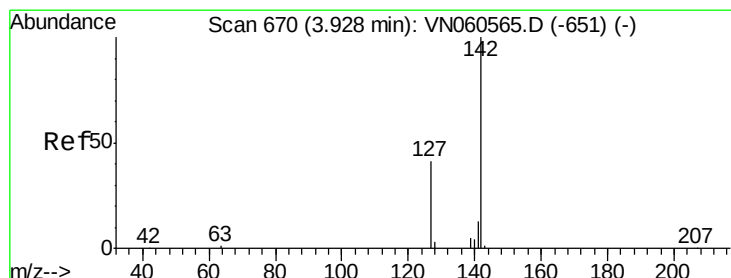
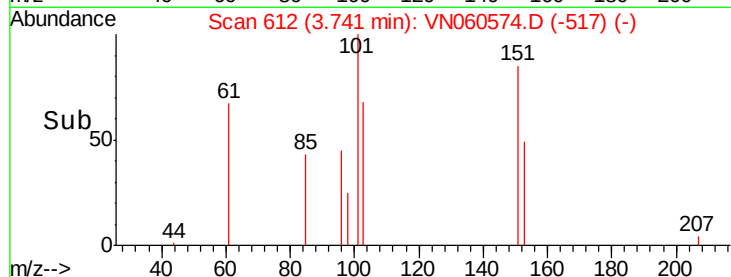
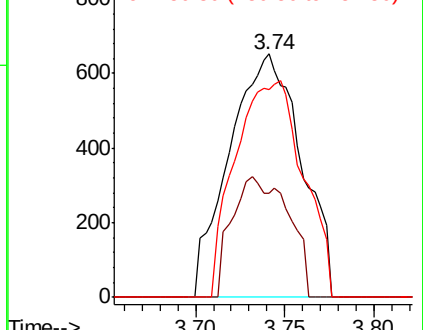
151 84.3 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.435 ug/l

RT: 3.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

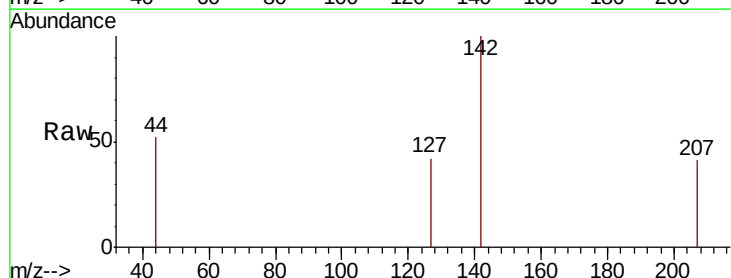
Tgt Ion:142 Resp: 798

Ion Ratio Lower Upper

142 100

127 41.6 33.5 50.3

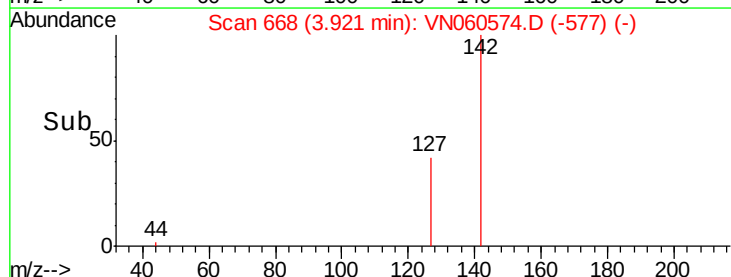
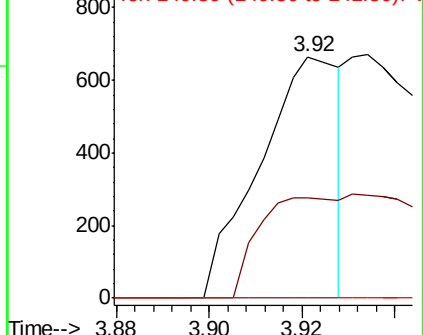
141 0.0 11.0 16.6#

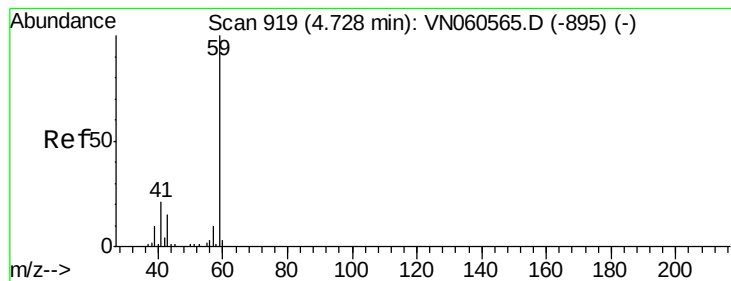


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



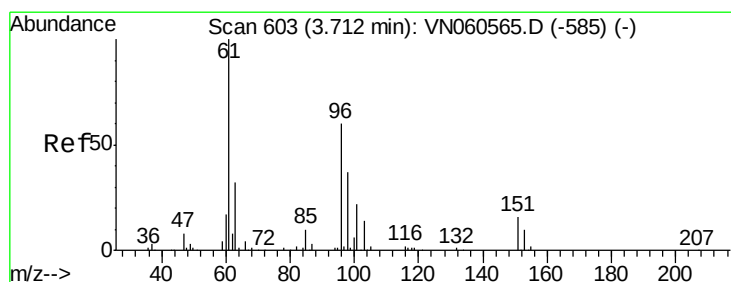
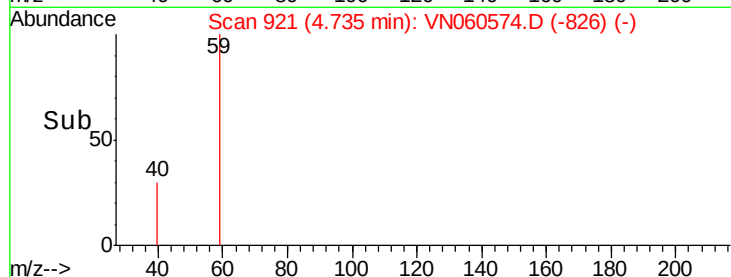
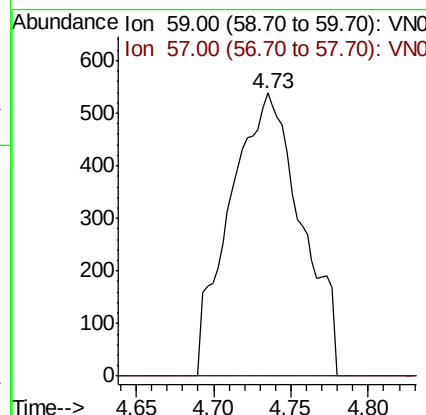
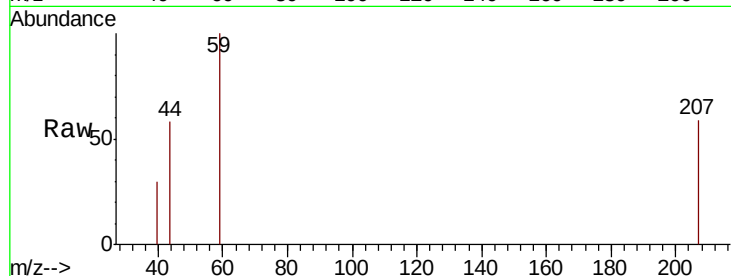


#11

Tert butyl alcohol
Concen: 4.186 ug/l
RT: 4.73 min Scan# 921
Delta R.T. 0.01 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

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

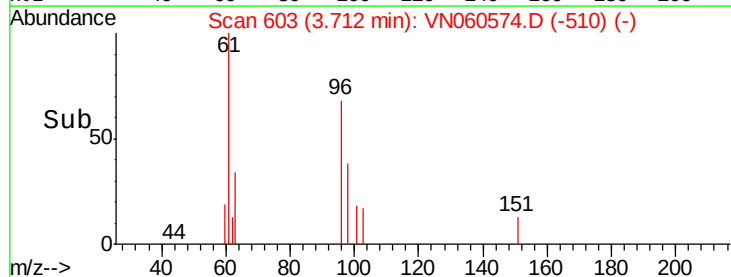
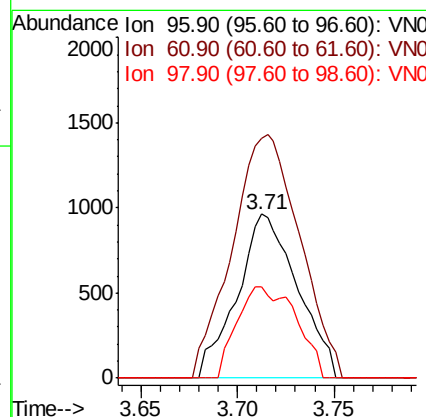
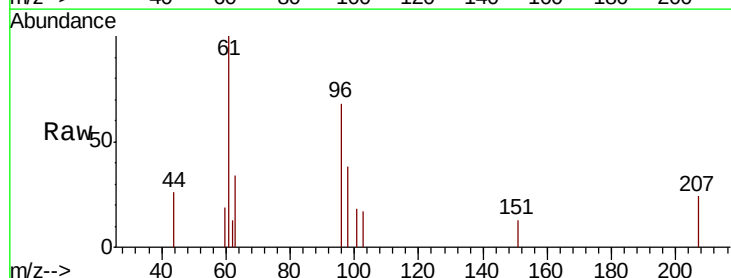
Tot Ion: 59 Resp: 1728
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

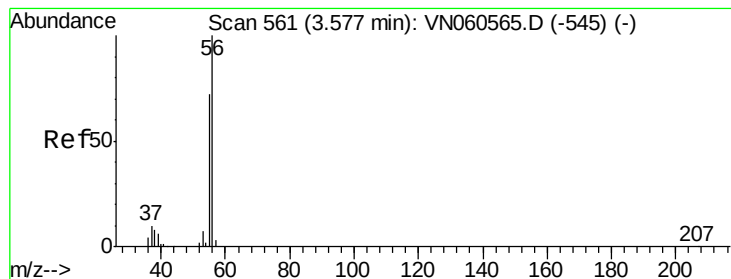


#12

1,1-Dichloroethene
Concen: 0.941 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

Tgt Ion: 96 Resp: 2083
Ion Ratio Lower Upper
96 100
61 146.1 134.1 201.1
98 55.9 49.9 74.9





#13

Acrolein

Concen: 3.600 ug/l

RT: 3.59 min Scan# 565

Delta R.T. 0.01 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

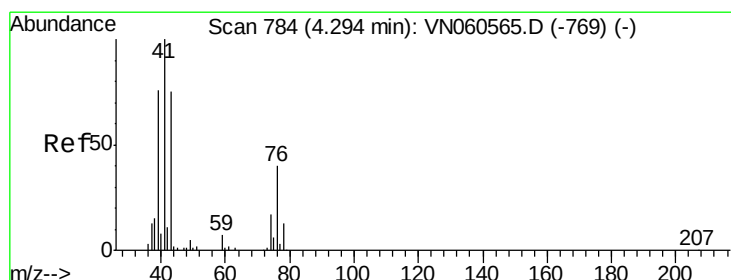
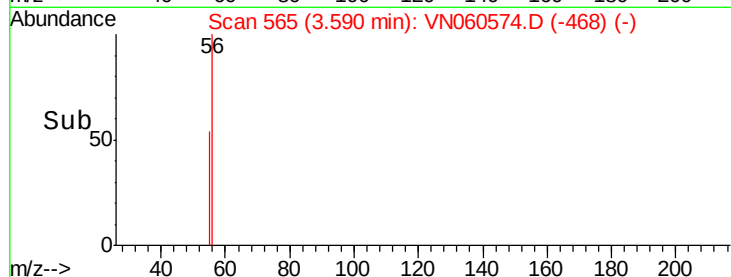
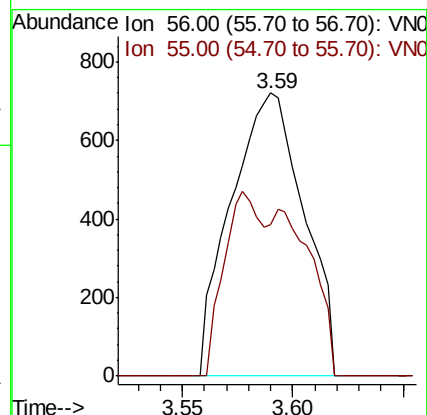
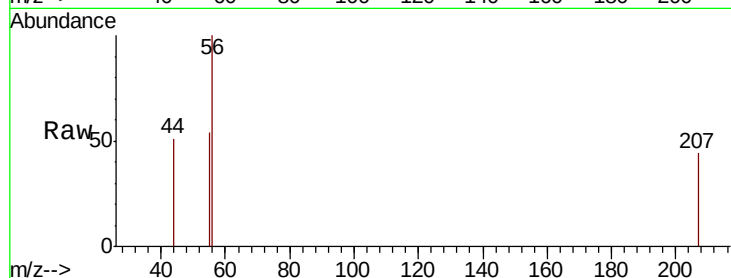
LOQ-WATER-02-QT1-2020

Tot Ion: 56 Resp: 1647

Ion Ratio Lower Upper

56 100

55 33.9 56.7 85.1#



#14

Allyl chloride

Concen: 0.866 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.01 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

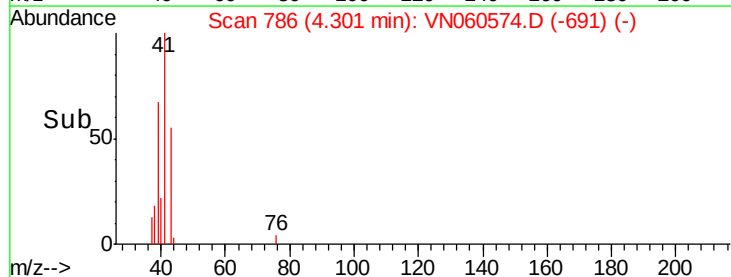
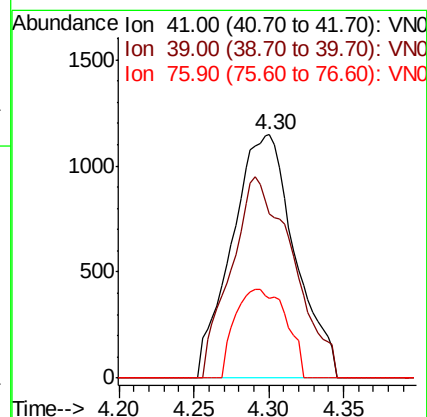
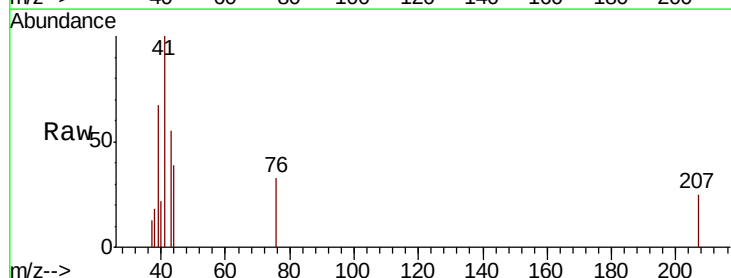
Tgt Ion: 41 Resp: 3372

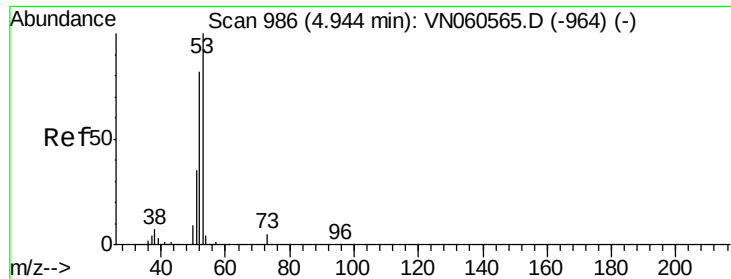
Ion Ratio Lower Upper

41 100

39 81.4 57.8 86.8

76 29.4 28.6 43.0





#15

Acrylonitrile

Concen: 3.534 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.02 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

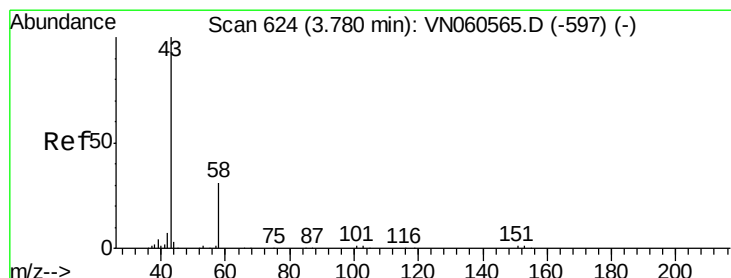
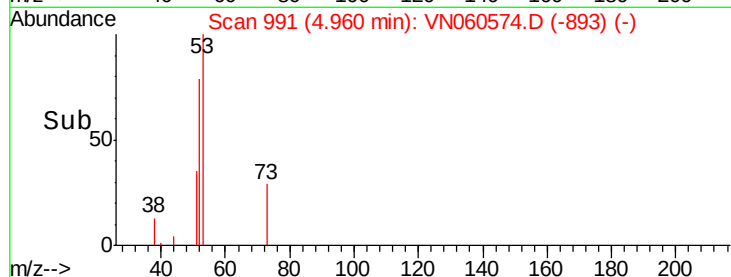
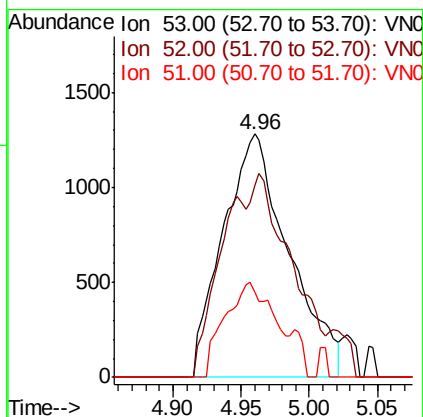
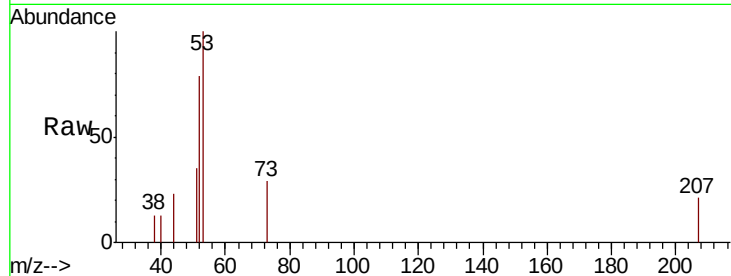
Tot Ion: 53 Resp: 4290

Ion Ratio Lower Upper

53 100

52 34.2 66.2 99.4#

51 28.3 28.7 43.1#



#16

Acetone

Concen: 4.756 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060574.D

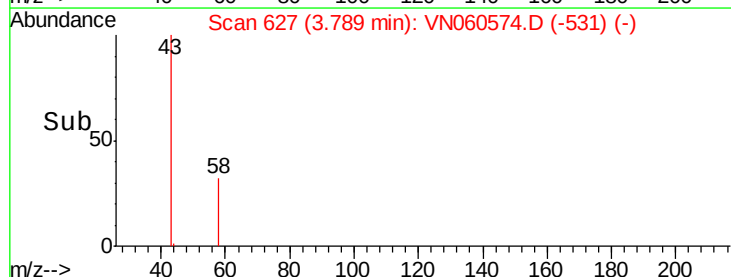
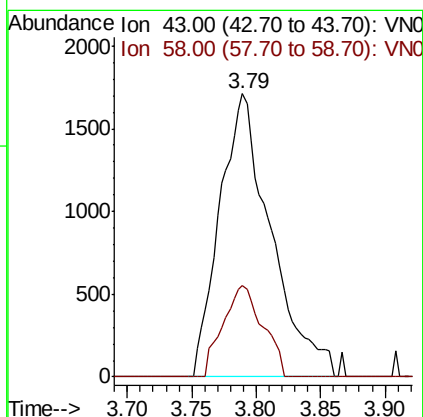
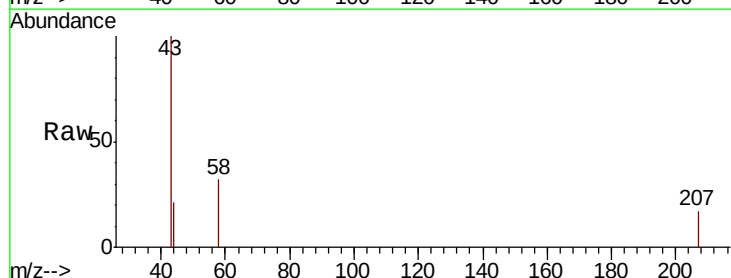
Acq: 17 Mar 2020 23:21

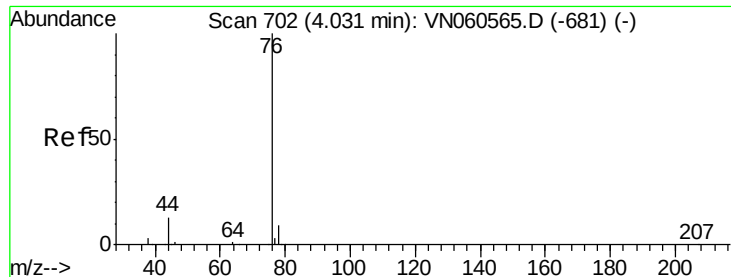
Tgt Ion: 43 Resp: 4729

Ion Ratio Lower Upper

43 100

58 32.4 25.1 37.7





#17

Carbon Disulfide

Concen: 1.047 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

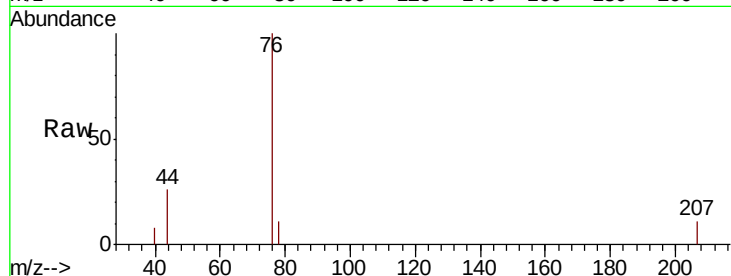
LOQ-WATER-02-QT1-2020

Tot Ion: 76 Resp: 7052

Ion Ratio Lower Upper

76 100

78 10.9 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VN060565.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN060565.D (-681) (-)

4.03

3000

2500

2000

1500

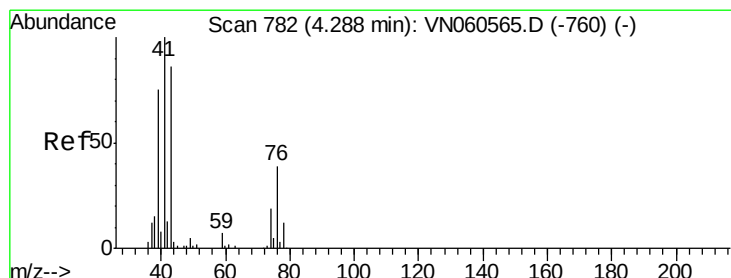
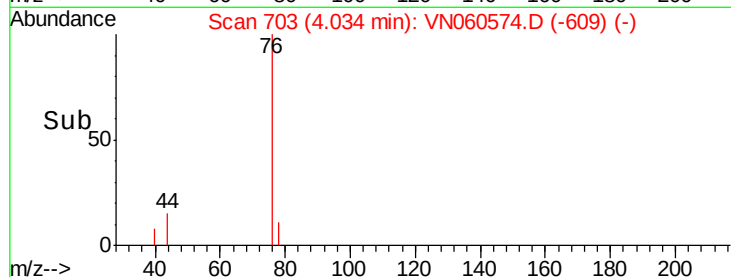
1000

500

0

Time-->

3.95 4.00 4.05 4.10



#18

Methyl Acetate

Concen: 0.386 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060574.D

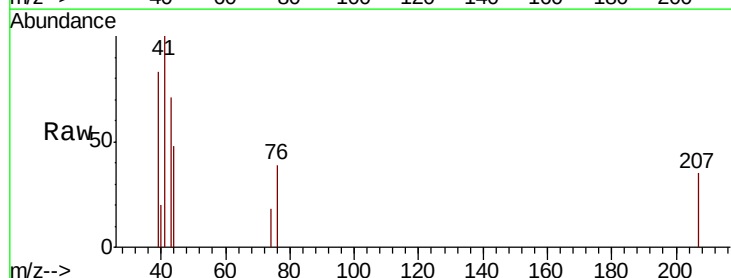
Acq: 17 Mar 2020 23:21

Tgt Ion: 43 Resp: 1079

Ion Ratio Lower Upper

43 100

74 17.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-760) (-)

Ion 74.00 (73.70 to 74.70): VN060565.D (-760) (-)

4.28

800

600

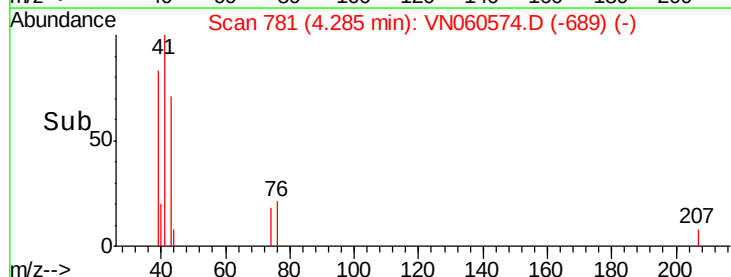
400

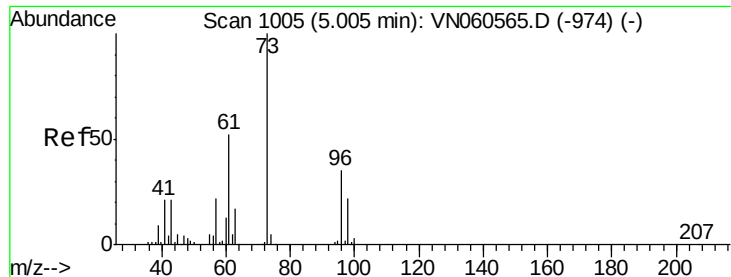
200

0

Time-->

4.24 4.26 4.28 4.30





#19

Methyl tert-butyl Ether

Concen: 0.546 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. -0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

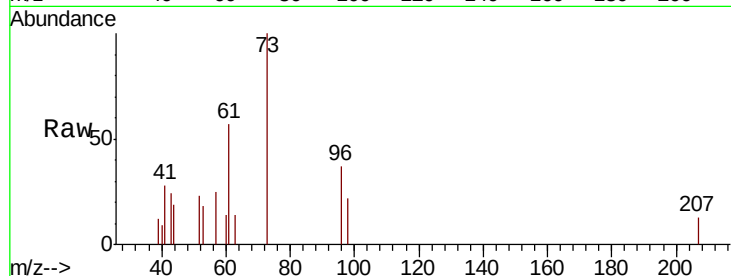
LOQ-WATER-02-QT1-2020

Tot Ion: 73 Resp: 4158

Ion Ratio Lower Upper

73 100

57 25.0 17.5 26.3



Abundance Ion 73.00 (72.70 to 73.70): VN060565.D (-974) (-)

Ion 57.00 (56.70 to 57.70): VN060565.D (-974) (-)

5.00

2000

1500

1000

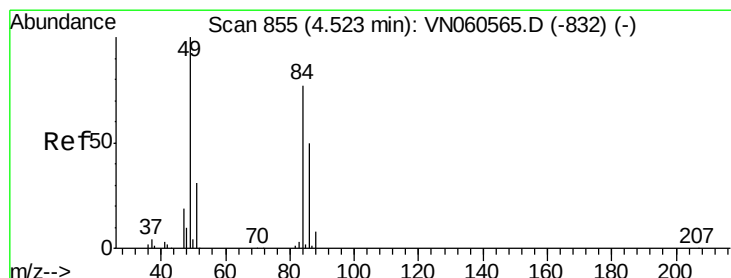
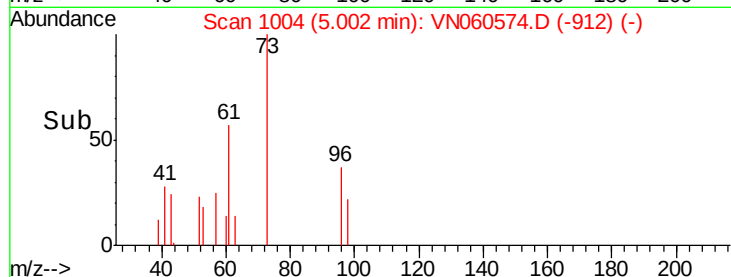
500

0

4.95

5.00

Time-->



#20

Methylene Chloride

Concen: 0.974 ug/l

RT: 4.51 min Scan# 852

Delta R.T. -0.01 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Tgt Ion: 84 Resp: 2383

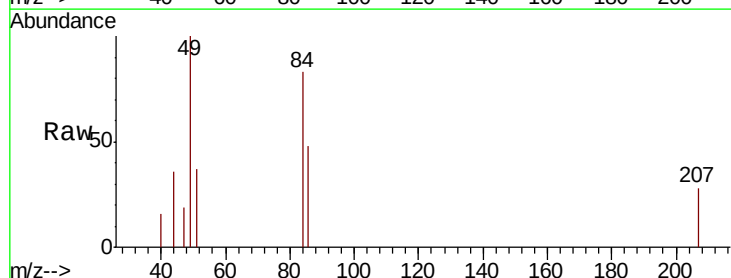
Ion Ratio Lower Upper

84 100

49 120.3 103.3 154.9

51 44.5 31.6 47.4

86 58.3 52.0 78.0



Abundance Ion 83.90 (83.60 to 84.60): VN060565.D (-832) (-)

Ion 48.90 (48.60 to 49.60): VN060565.D (-832) (-)

Ion 50.90 (50.60 to 51.60): VN060565.D (-832) (-)

Ion 85.90 (85.60 to 86.60): VN060565.D (-832) (-)

1500

1000

500

0

4.45

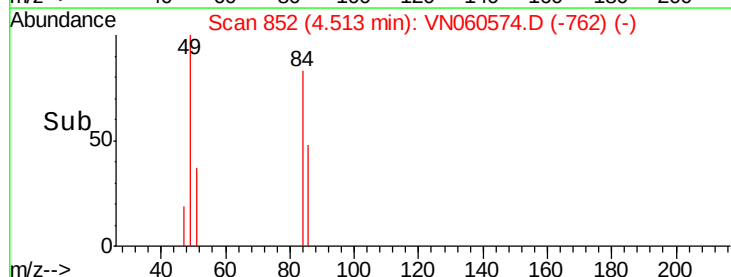
4.50

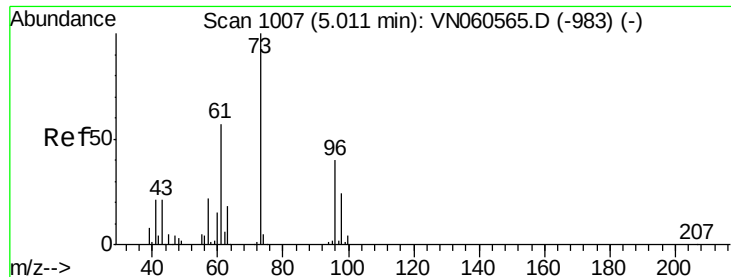
4.51

4.55

4.60

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.589 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

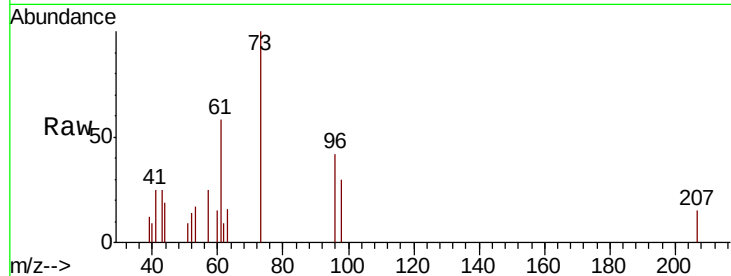
Tot Ion: 96 Resp: 1389

Ion Ratio Lower Upper

96 100

61 138.5 114.4 171.6

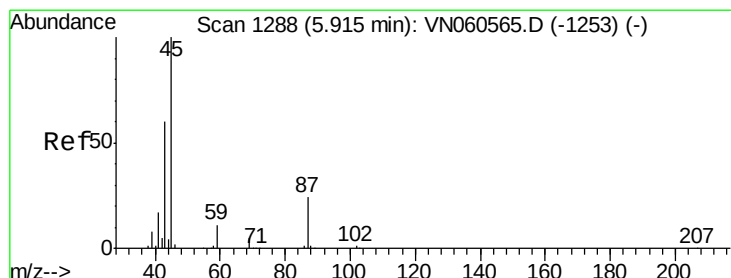
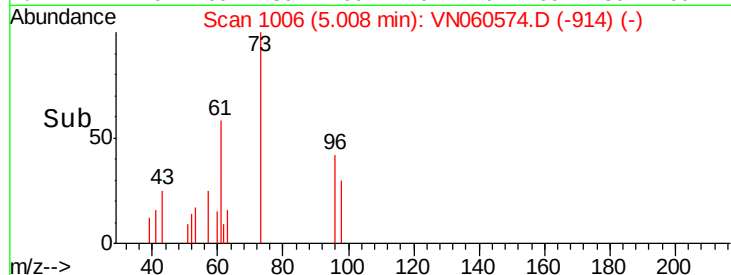
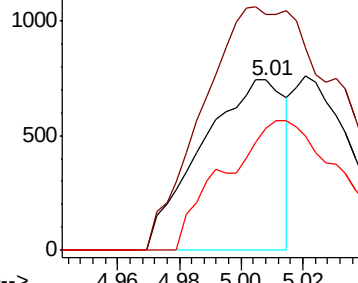
98 71.4 48.4 72.6



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: 0.909 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. 0.01 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Tgt Ion: 45 Resp: 7475

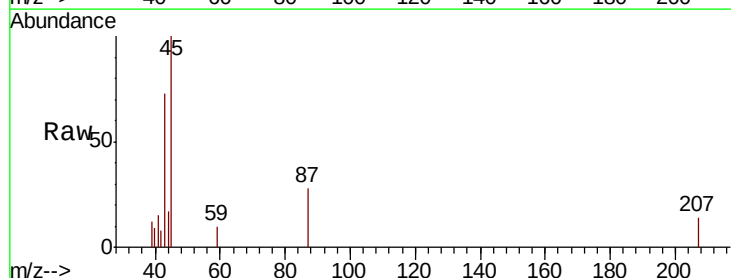
Ion Ratio Lower Upper

45 100

43 61.4 49.8 74.8

87 28.4 20.1 30.1

59 9.7 9.2 13.8

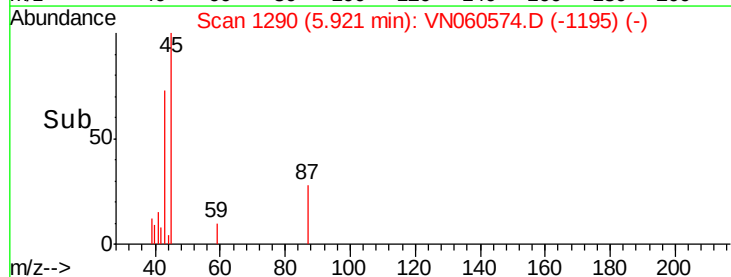
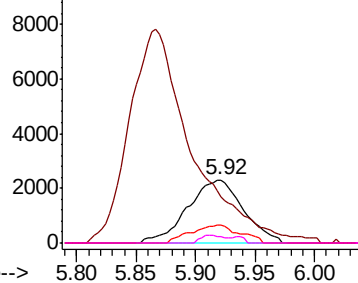


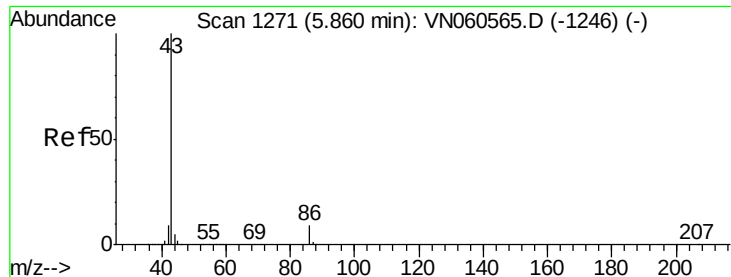
Abundance Ion 45.00 (44.70 to 45.70): VN0

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: 4.254 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

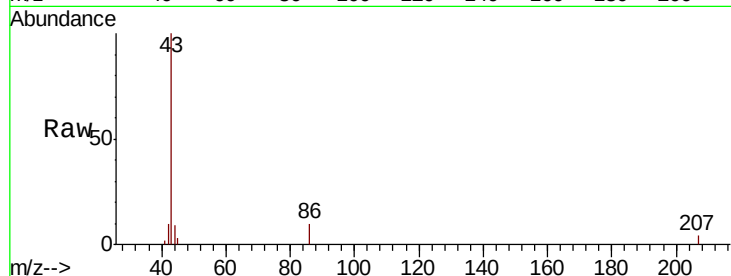
LOQ-WATER-02-QT1-2020

Tot Ion: 43 Resp: 28554

Ion Ratio Lower Upper

43 100

86 10.4 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) (-)

5.87

8000

6000

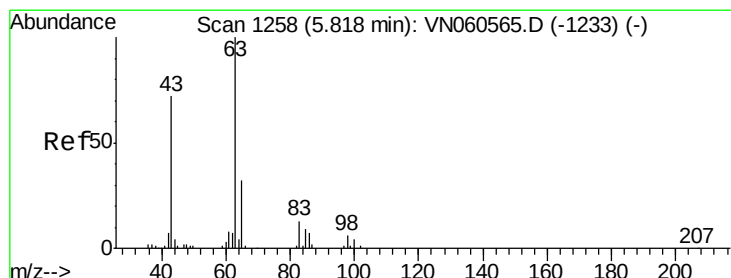
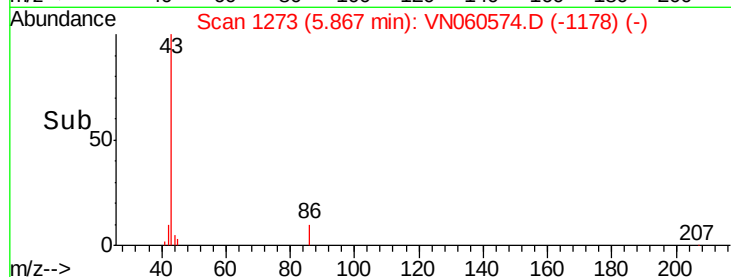
4000

2000

0

5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 0.969 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

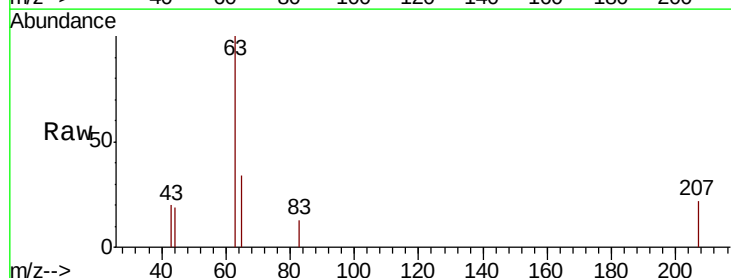
Tgt Ion: 63 Resp: 4346

Ion Ratio Lower Upper

63 100

98 0.0 2.9 8.7#

100 0.0 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) (-)

1500

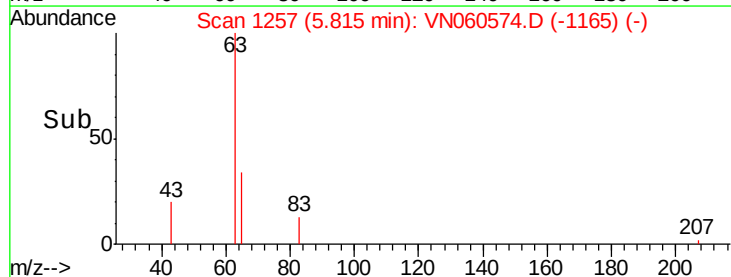
1000

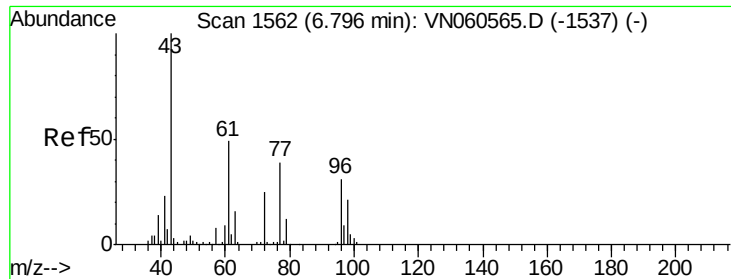
500

0

5.75 5.80 5.85 5.90

Time-->

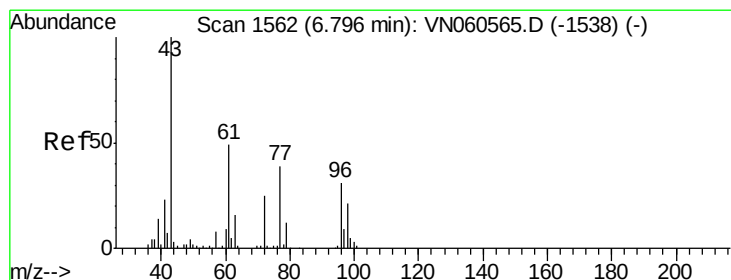
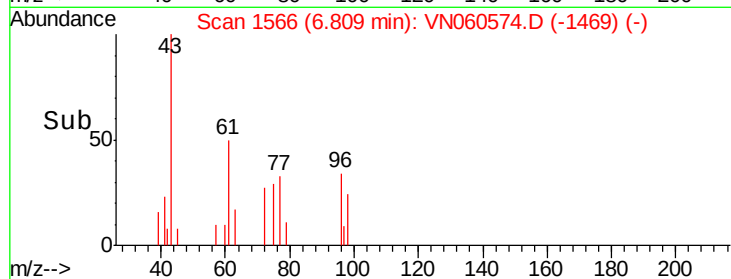
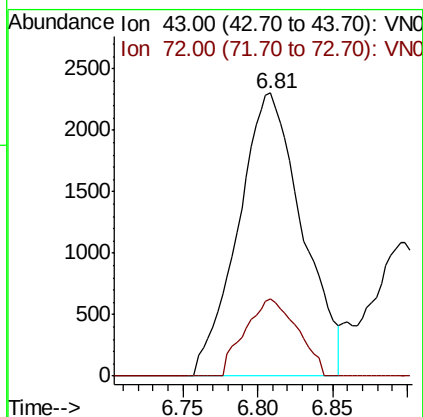
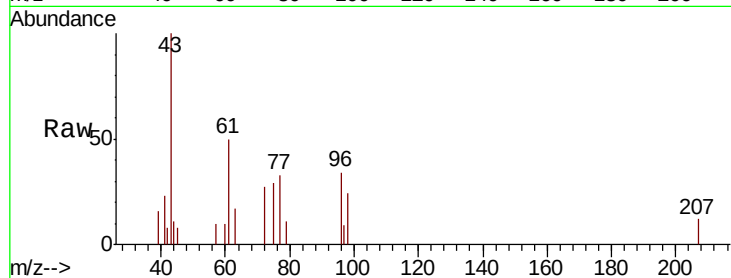




#25
2-Butanone
Concen: 4.266 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

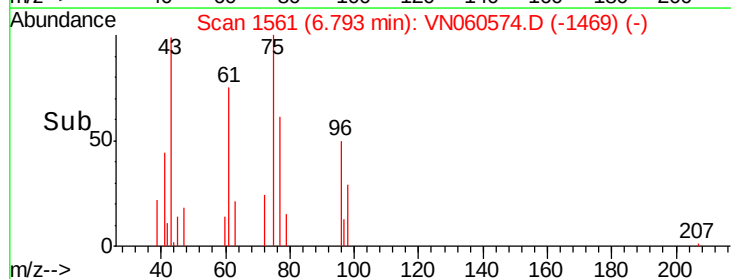
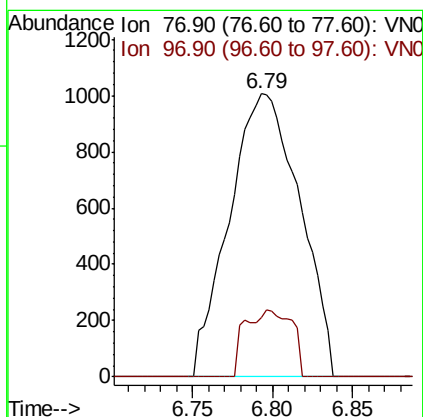
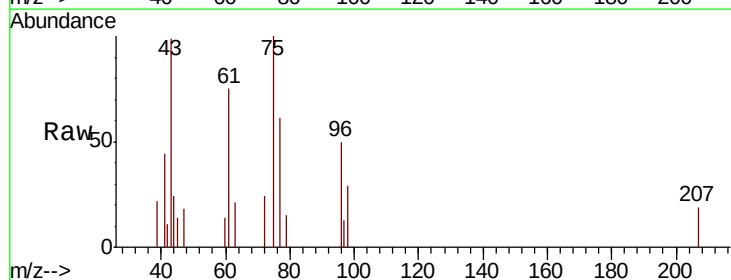
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

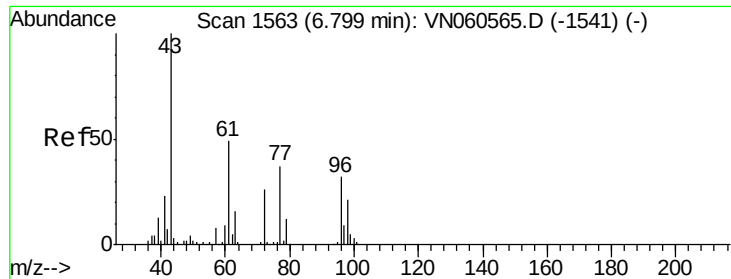
Tot Ion: 43 Resp: 6863
Ion Ratio Lower Upper
43 100
72 27.3 20.4 30.6



#26
2,2-Dichloropropane
Concen: 0.865 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

Tgt Ion: 77 Resp: 3051
Ion Ratio Lower Upper
77 100
97 15.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 1.014 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

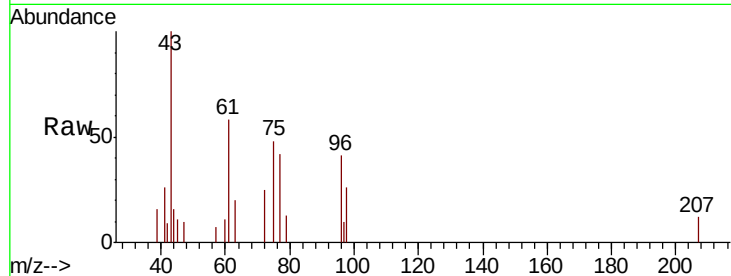
Tot Ion: 96 Resp: 2720

Ion Ratio Lower Upper

96 100

61 144.7 0.0 305.6

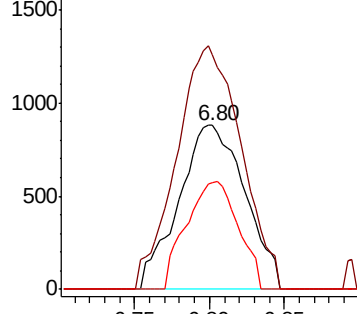
98 51.5 0.0 127.6



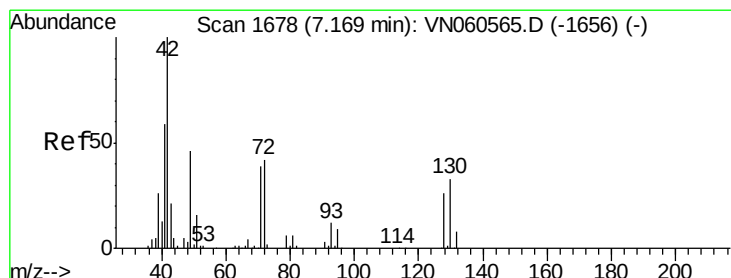
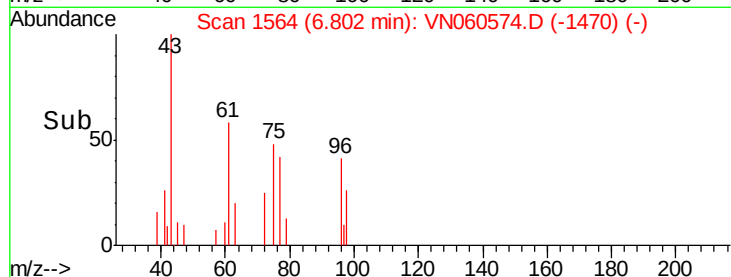
Abundance Ion 95.90 (95.60 to 96.60): VN060565.D (-1541) (-)

Ion 60.90 (60.60 to 61.60): VN060565.D (-1541) (-)

Ion 97.90 (97.60 to 98.60): VN060565.D (-1541) (-)



Time-->



#28

Bromochloromethane

Concen: 0.993 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

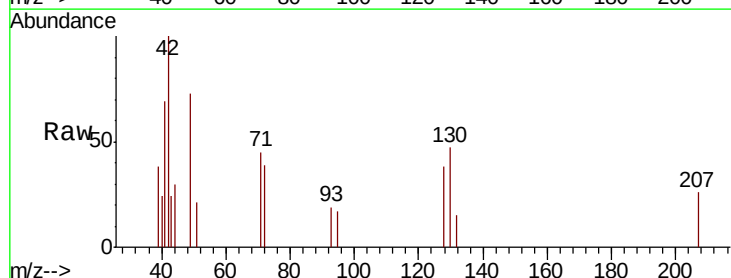
Tgt Ion: 49 Resp: 2130

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.4

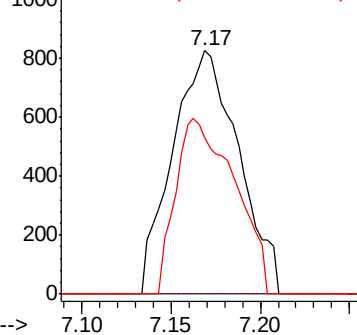
130 64.6 55.0 82.4



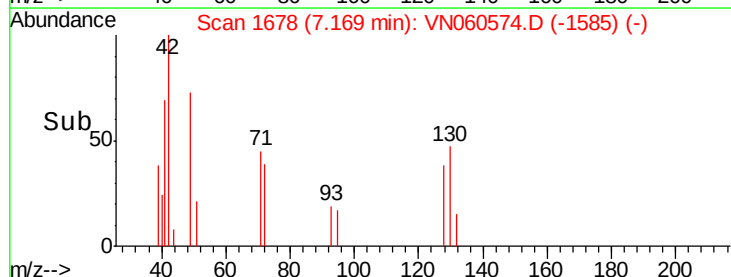
Abundance Ion 48.90 (48.60 to 49.60): VN060565.D (-1656) (-)

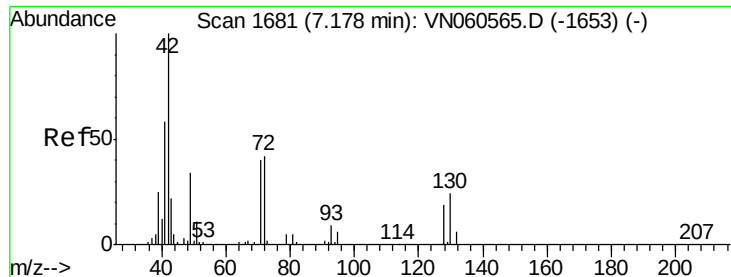
Ion 128.80 (128.50 to 129.50): VN060565.D (-1656) (-)

Ion 129.80 (129.50 to 130.50): VN060565.D (-1656) (-)



Time-->





#29

Tetrahydrofuran

Concen: 4.242 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.01 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

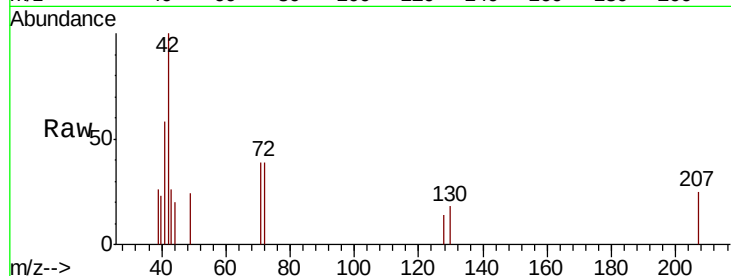
Tot Ion: 42 Resp: 4829

Ion Ratio Lower Upper

42 100

72 38.9 33.2 49.8

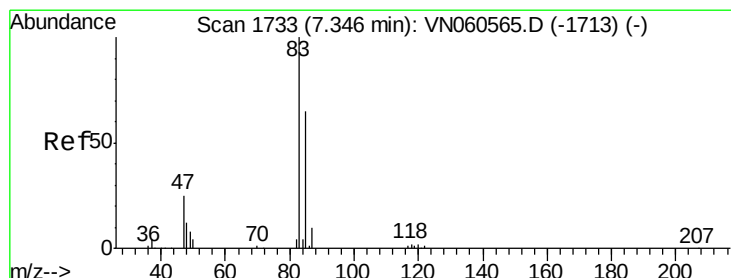
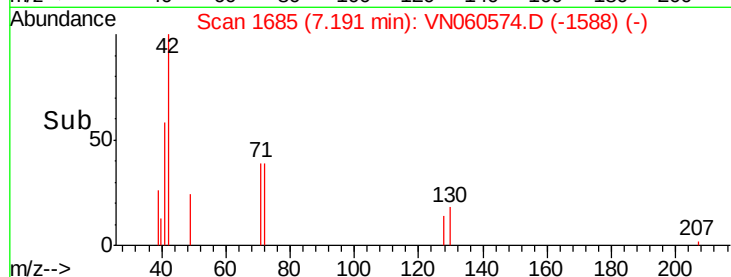
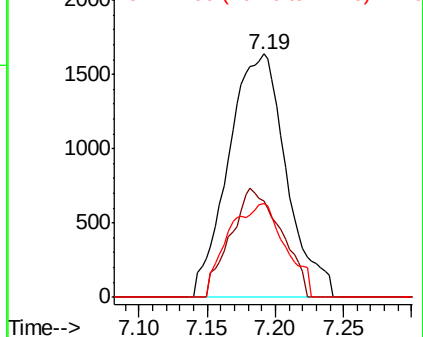
71 37.9 31.1 46.7



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: 0.966 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VN060574.D

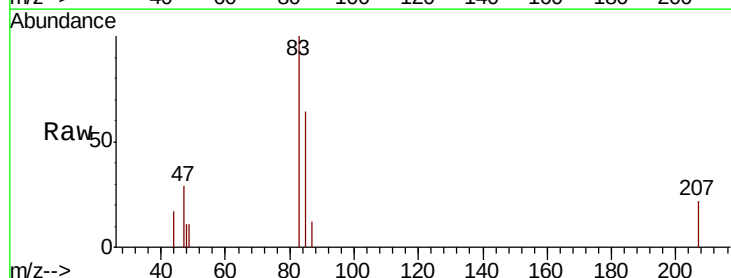
Acq: 17 Mar 2020 23:21

Tgt Ion: 83 Resp: 4152

Ion Ratio Lower Upper

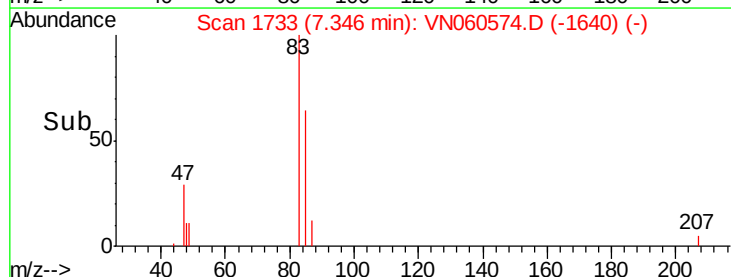
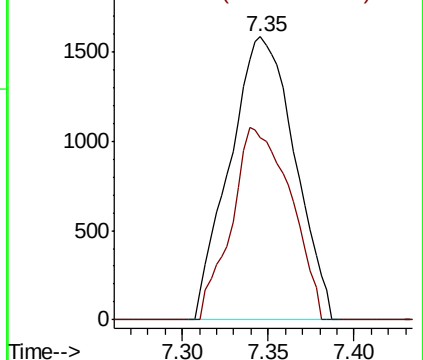
83 100

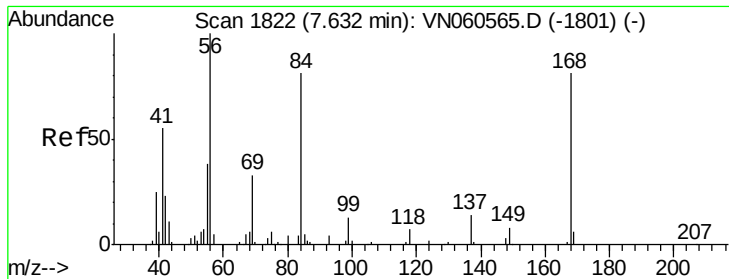
85 64.4 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

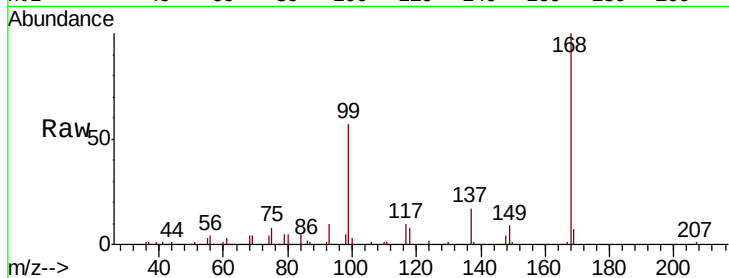




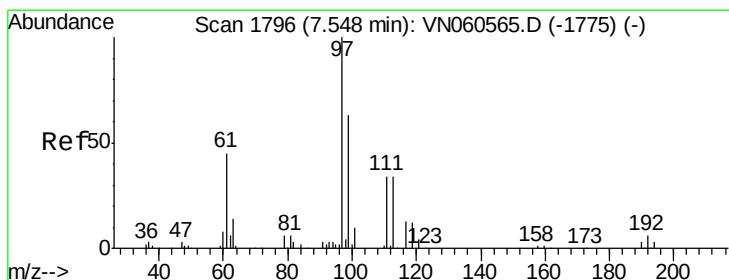
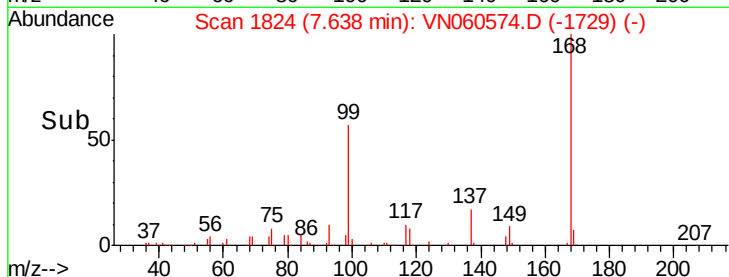
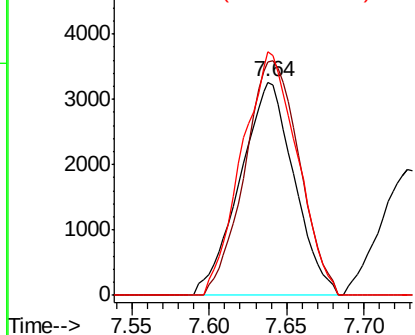
#31
Cyclohexane
Concen: 1.761 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

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

Tot Ion: 56 Resp: 7963
Ion Ratio Lower Upper
56 100
69 109.6 26.6 40.0#
84 114.2 64.3 96.5#

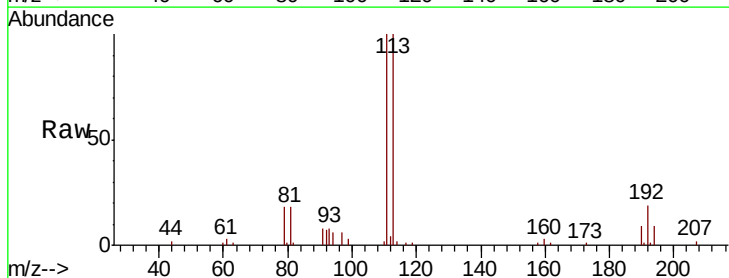


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

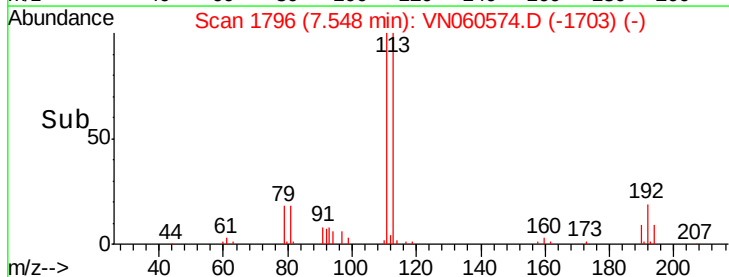
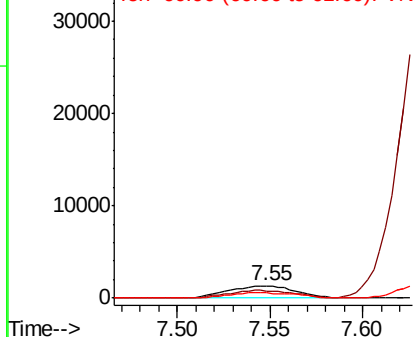


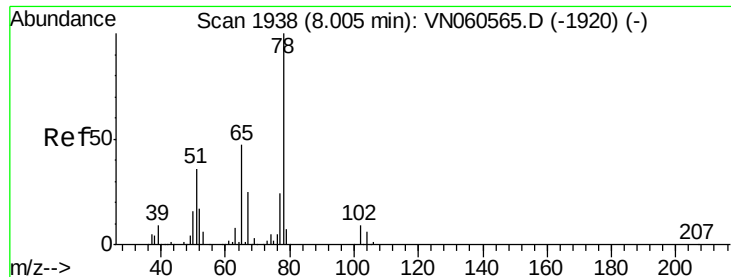
#32
1,1,1-Trichloroethane
Concen: 0.899 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

Tgt Ion: 97 Resp: 3333
Ion Ratio Lower Upper
97 100
99 0.0 50.6 75.8#
61 42.9 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

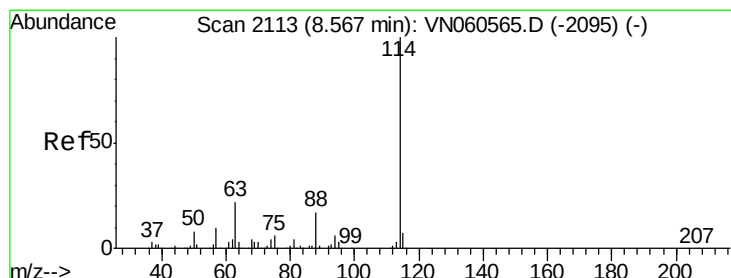
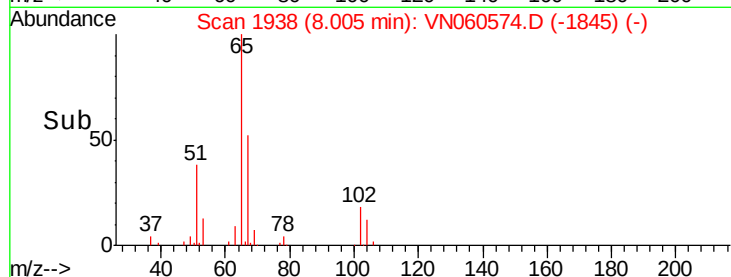
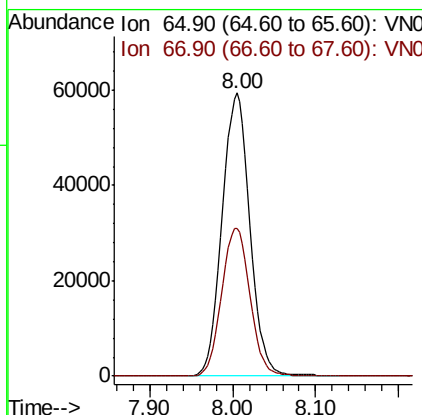
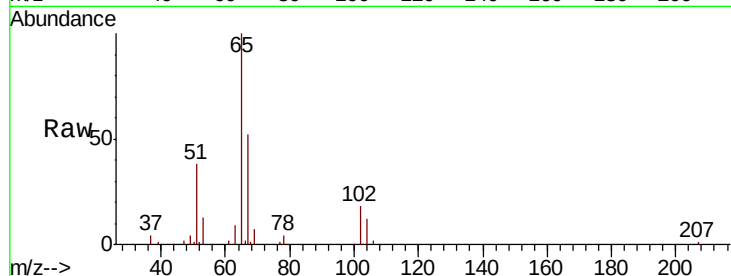




#33
 1,2-Dichloroethane-d4
 Concen: 49.314 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

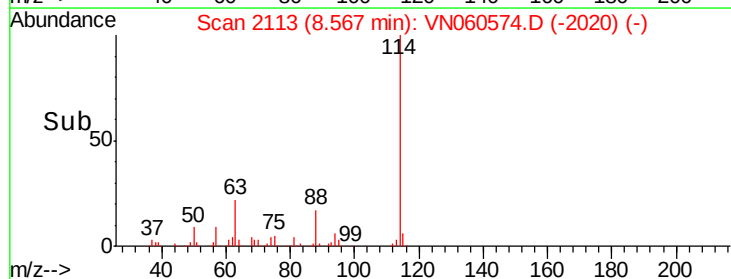
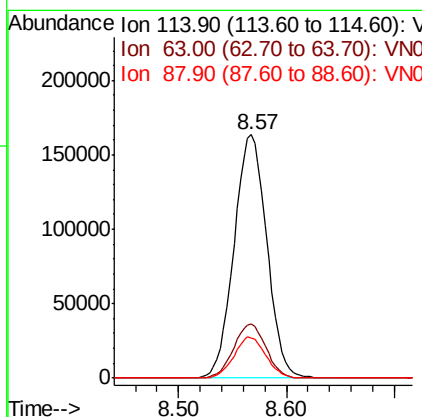
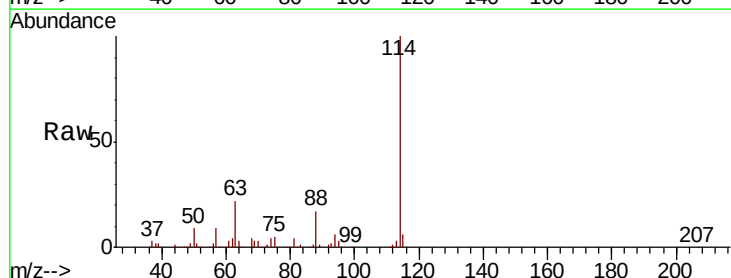
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

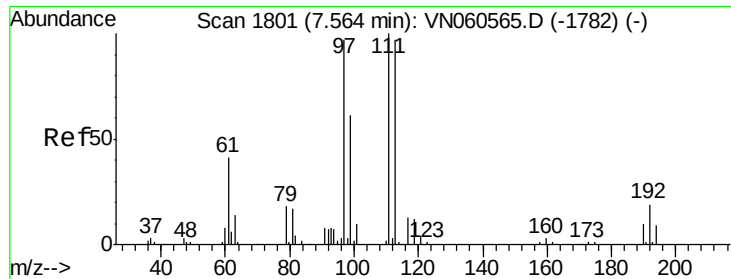
Tot Ion: 65 Resp: 138420
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

Tgt Ion: 114 Resp: 346485
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 16.7 0.0 33.0

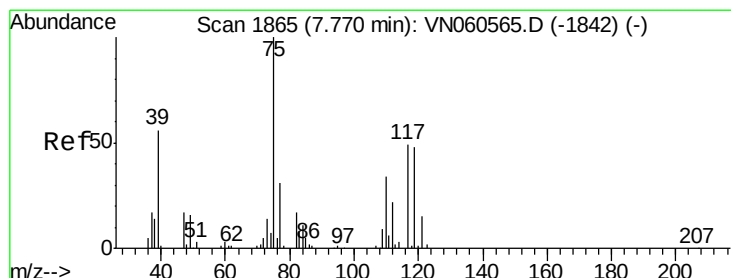
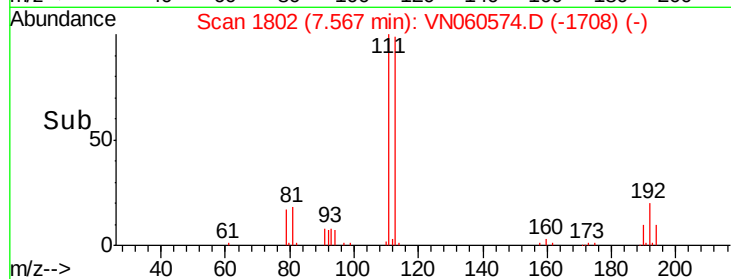
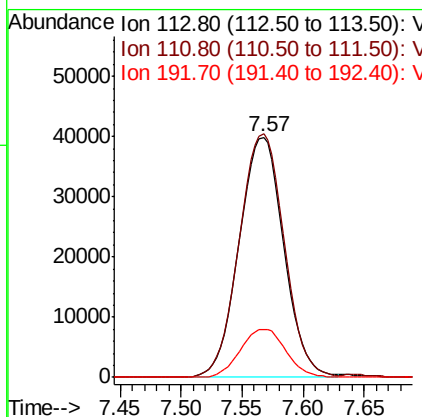
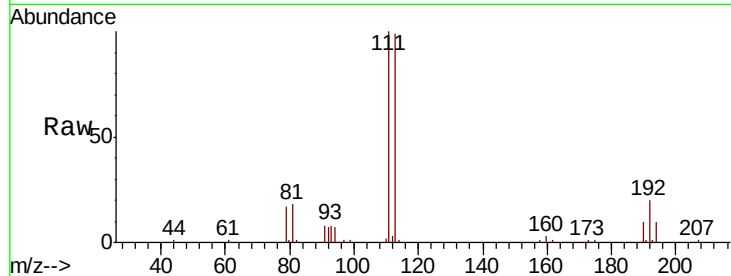




#35
 Dibromofluoromethane
 Concen: 48.306 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

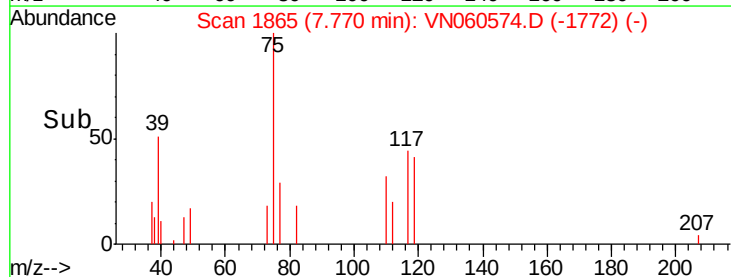
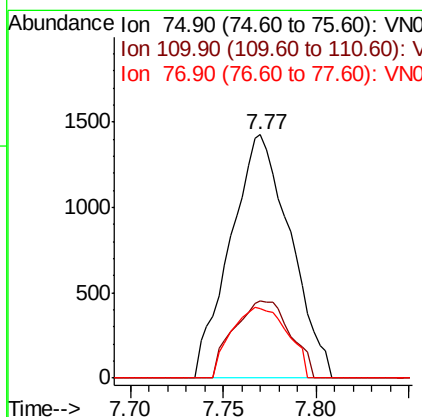
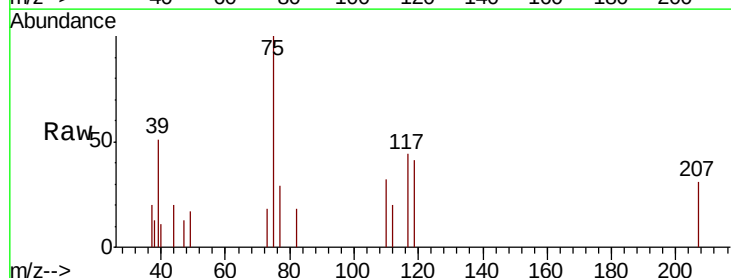
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

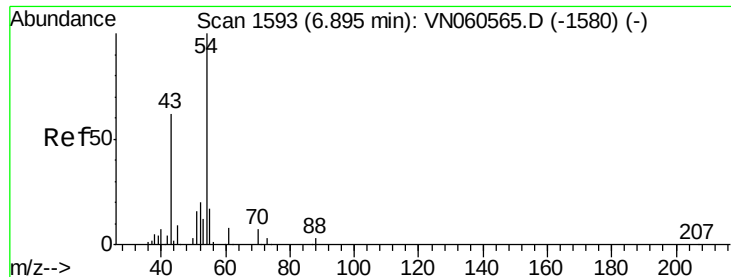
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	20.3	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 0.956 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.1	16.9	50.6
77	27.3	24.6	36.8

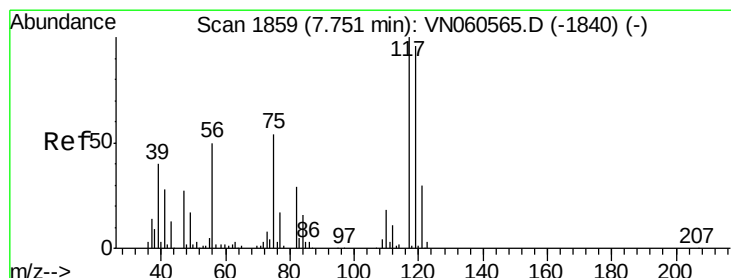
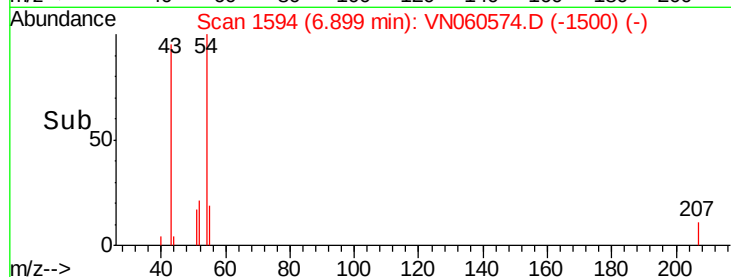
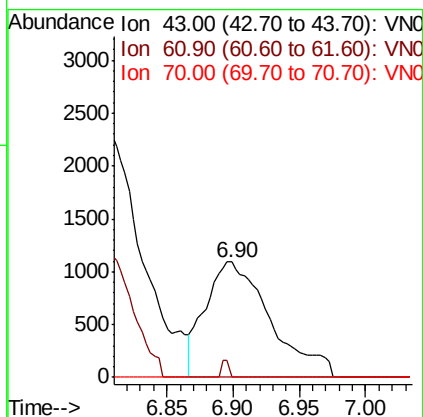
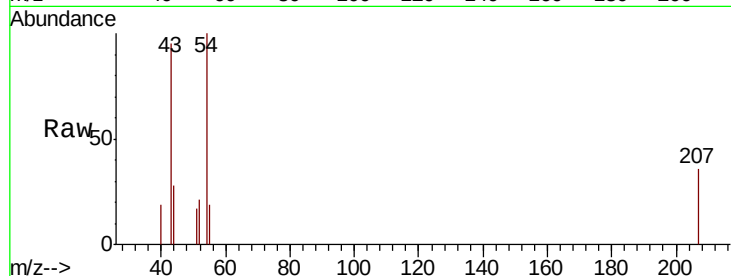




#37
Ethyl Acetate
Concen: 1.030 ug/l
RT: 6.90 min Scan# 1594
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

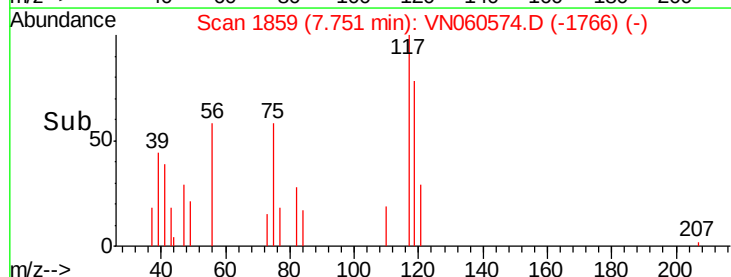
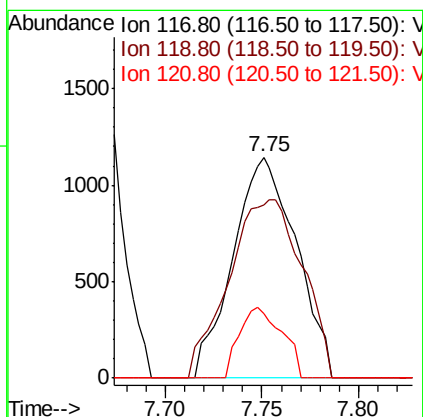
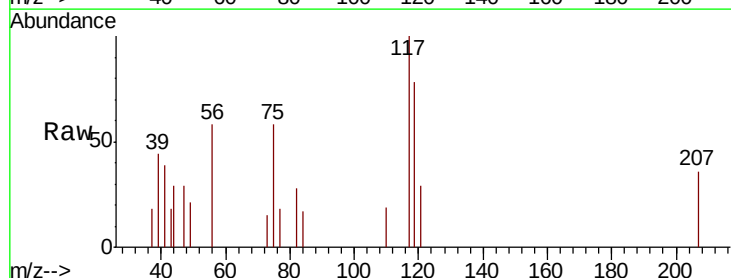
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

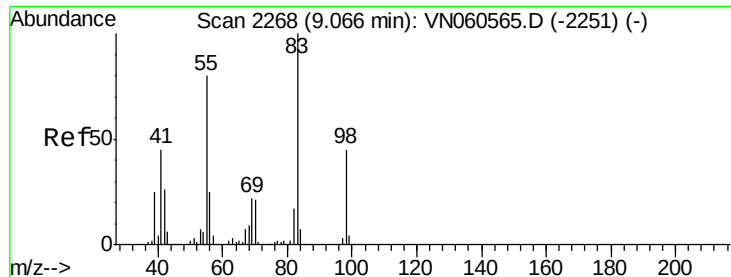
Tot Ion: 43 Resp: 3733
Ion Ratio Lower Upper
43 100
61 0.0 10.6 15.8#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 0.865 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

Tgt Ion: 117 Resp: 2600
Ion Ratio Lower Upper
117 100
119 78.3 76.2 114.2
121 29.4 23.7 35.5

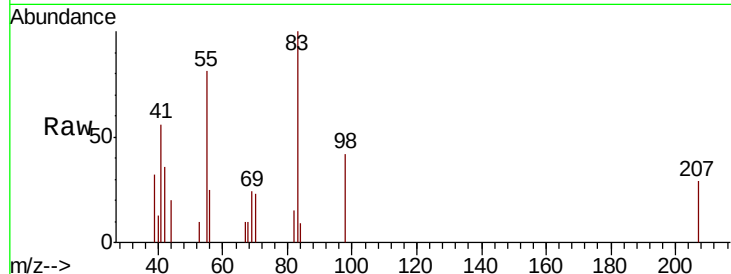




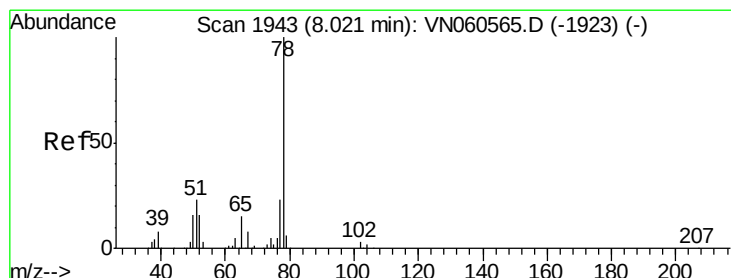
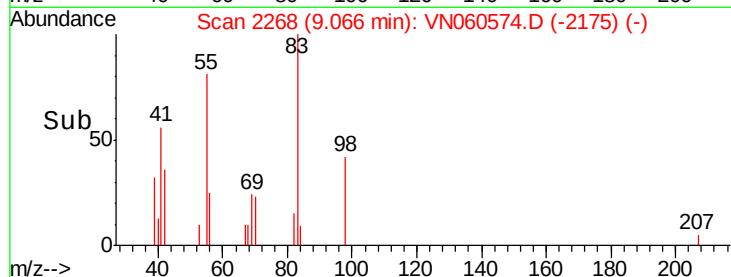
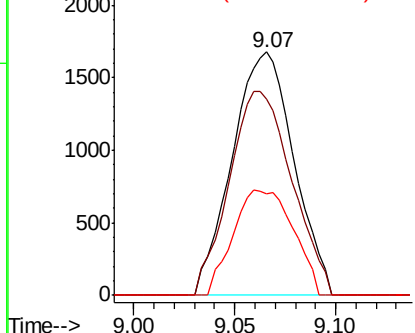
#39
Methylvlcyclohexane
Concen: 0.897 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

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

Tot Ion: 83 Resp: 3578
Ion Ratio Lower Upper
83 100
55 80.9 63.6 95.4
98 41.9 36.0 54.0

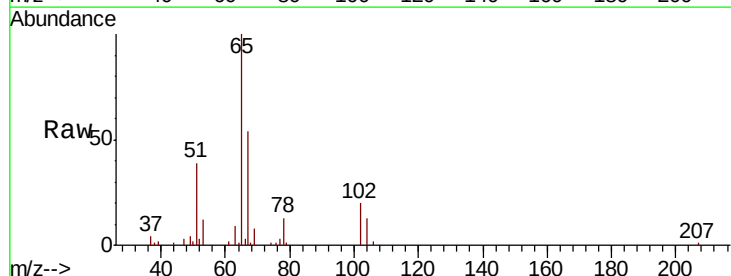


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

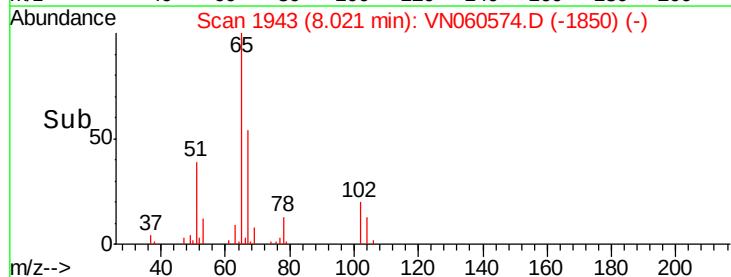
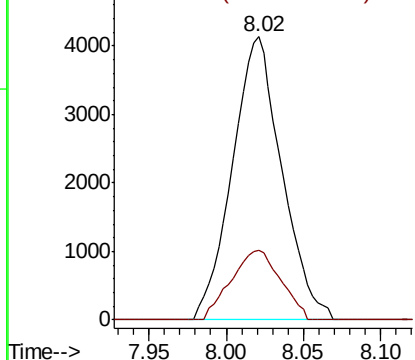


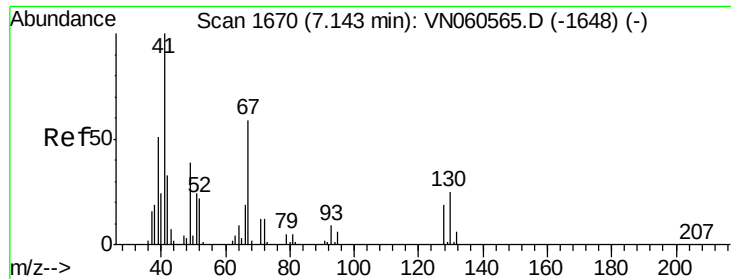
#40
Benzene
Concen: 0.909 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

Tgt Ion: 78 Resp: 9208
Ion Ratio Lower Upper
78 100
77 24.8 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

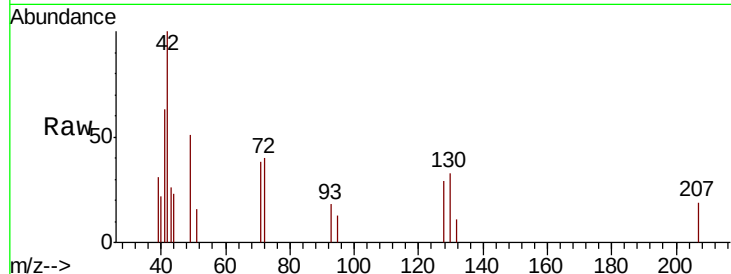




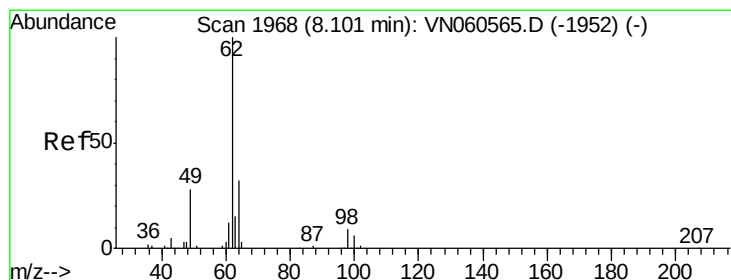
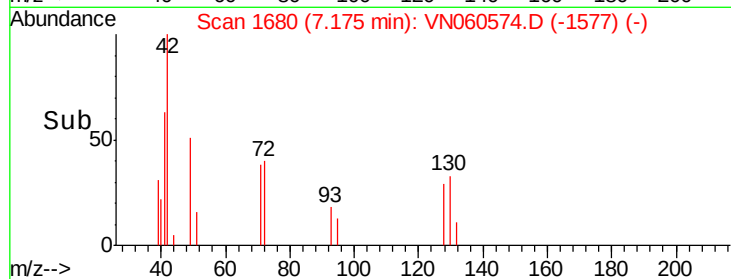
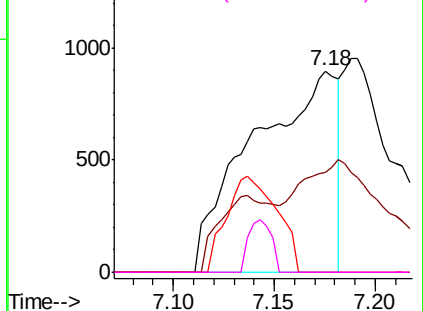
#41
Methacrylonitrile
Concen: 1.684 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

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

Tot Ion:	41	Resp:	2605
Ion	Ratio	Lower	Upper
41	100		
39	56.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

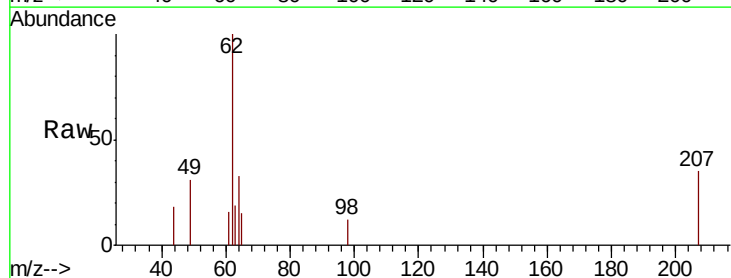


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

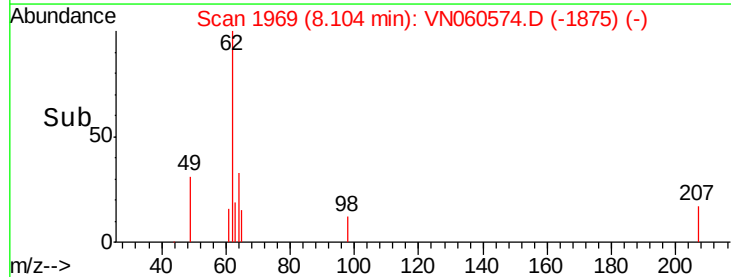
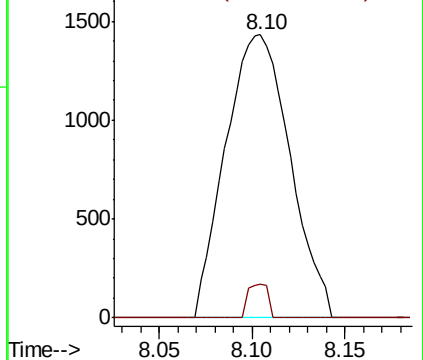


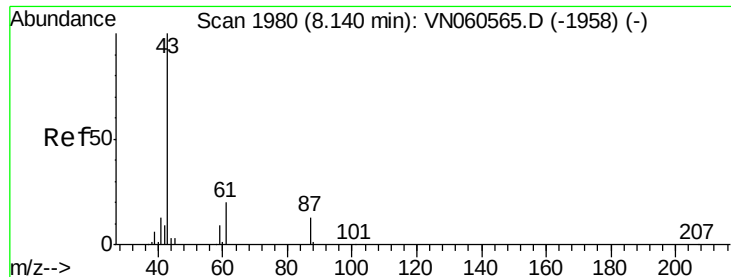
#42
1,2-Dichloroethane
Concen: 0.999 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

Tgt Ion:	62	Resp:	3457
Ion	Ratio	Lower	Upper
62	100		
98	3.6	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: 0.852 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

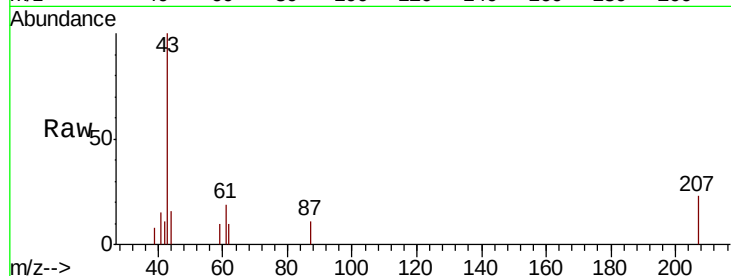
Tot Ion: 43 Resp: 5092

Ion Ratio Lower Upper

43 100

61 15.1 20.7 31.1#

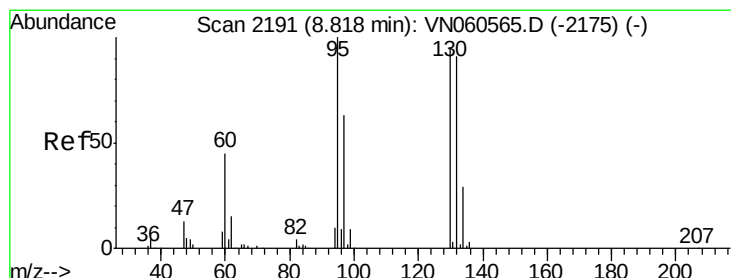
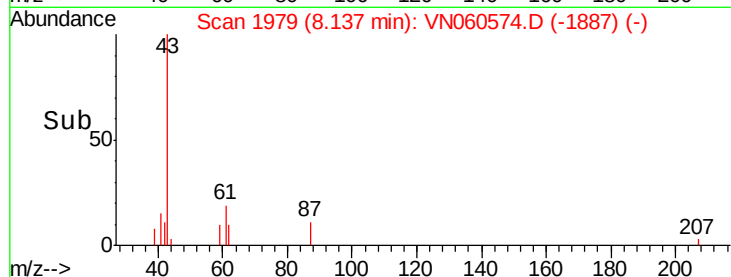
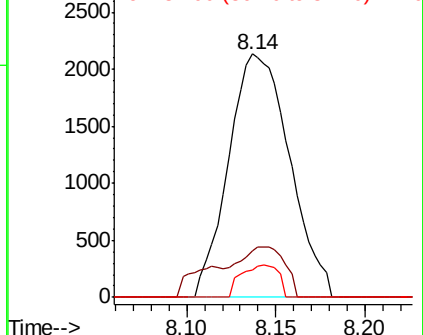
87 8.2 9.8 14.8#



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060565.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1958) (-)



#44

Trichloroethene

Concen: 1.016 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060574.D

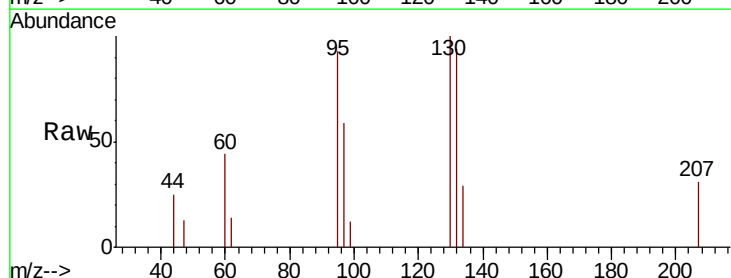
Acq: 17 Mar 2020 23:21

Tgt Ion:130 Resp: 2595

Ion Ratio Lower Upper

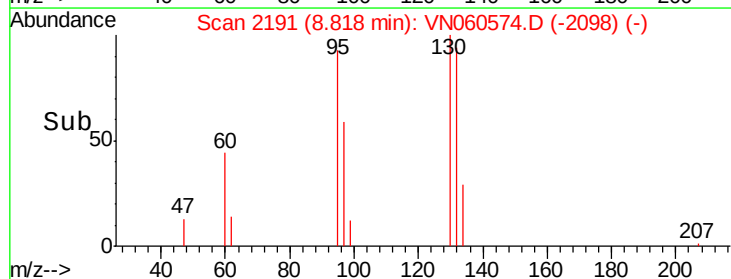
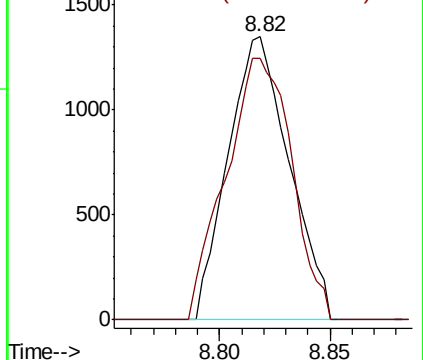
130 100

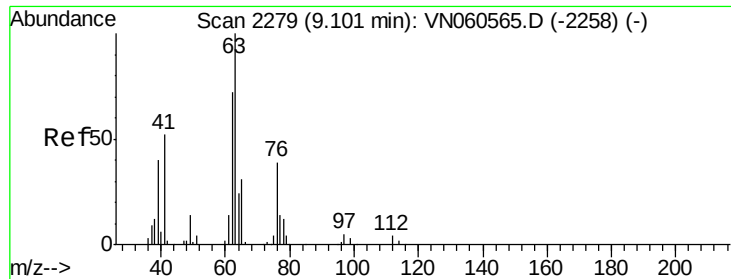
95 92.6 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060565.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060565.D (-2175) (-)

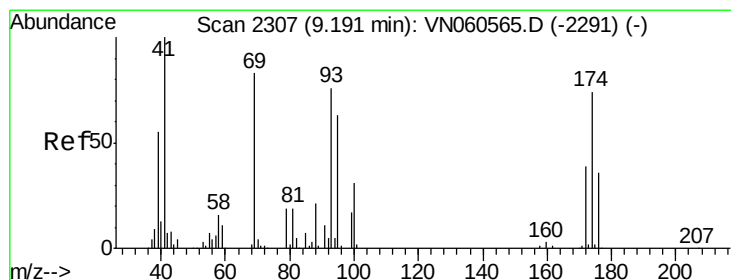
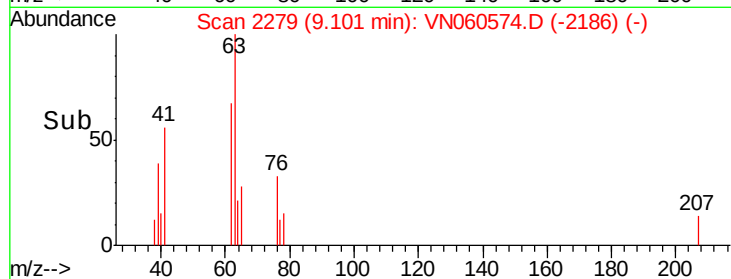
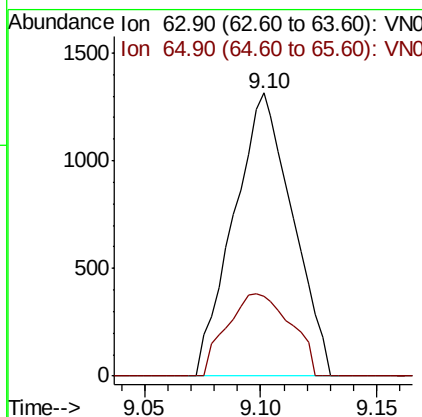
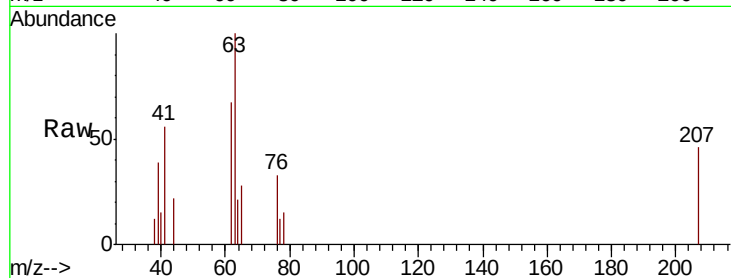




#45
 1,2-Dichloropropane
 Concen: 0.866 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

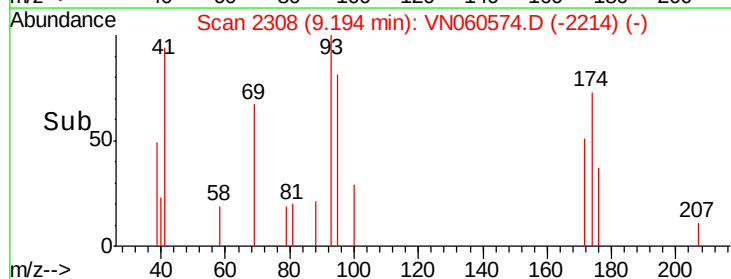
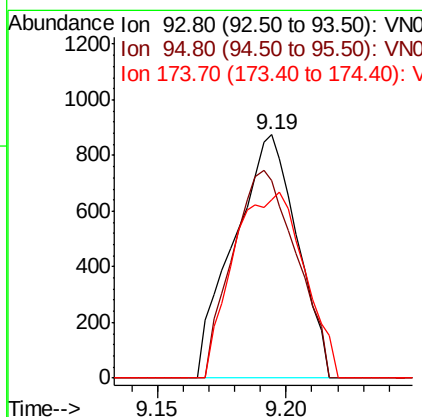
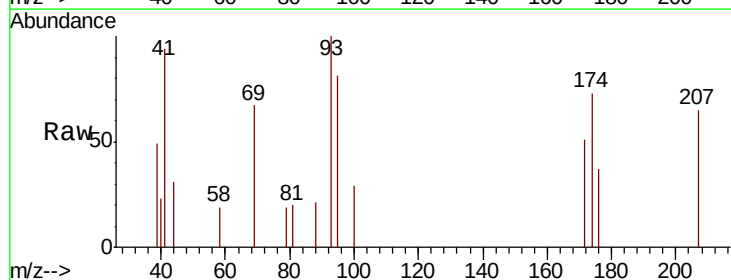
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

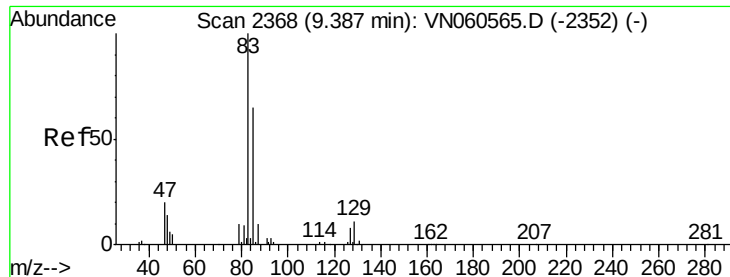
Tot Ion: 63 Resp: 2315
 Ion Ratio Lower Upper
 63 100
 65 28.2 25.4 38.0



#46
 Dibromomethane
 Concen: 0.924 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

Tgt Ion: 93 Resp: 1493
 Ion Ratio Lower Upper
 93 100
 95 86.4 66.2 99.4
 174 86.1 77.9 116.9





#47

Bromodichloromethane

Concen: 0.849 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

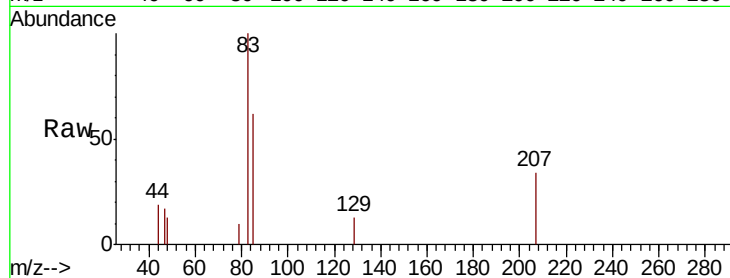
Tot Ion: 83 Resp: 2851

Ion Ratio Lower Upper

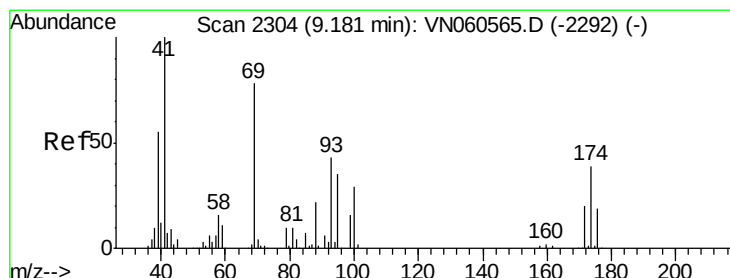
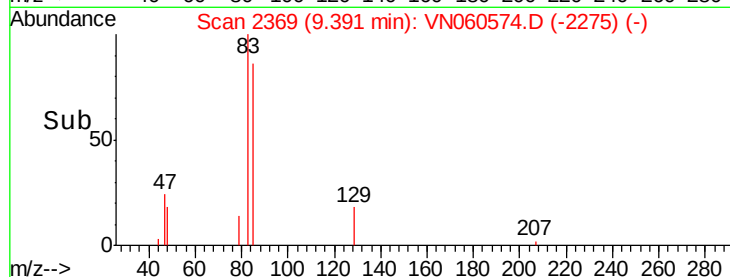
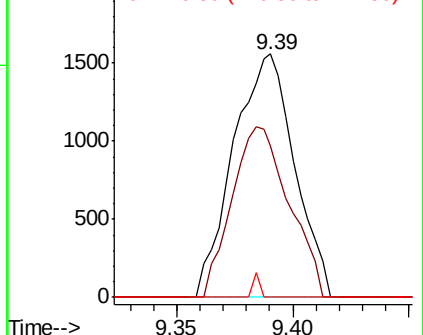
83 100

85 62.2 51.8 77.6

127 0.0 6.5 9.7#



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.859 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

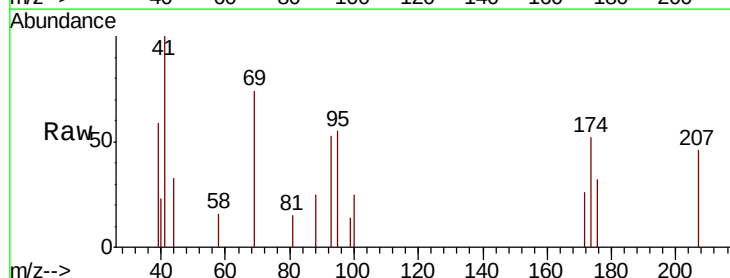
Tgt Ion: 41 Resp: 2287

Ion Ratio Lower Upper

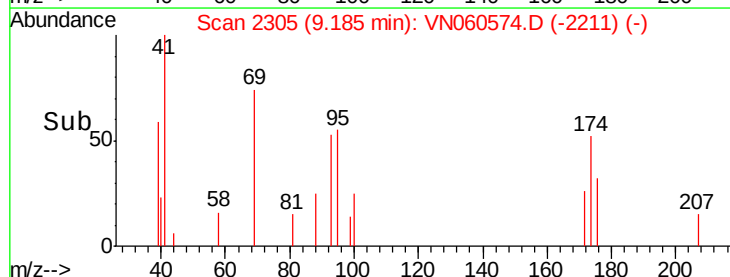
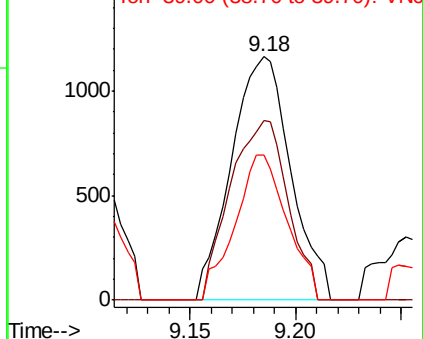
41 100

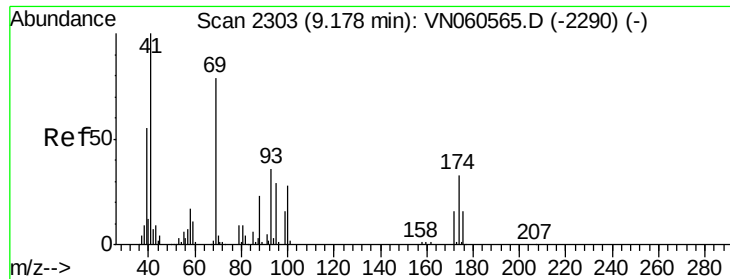
69 71.2 65.4 98.0

39 52.2 44.0 66.0



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

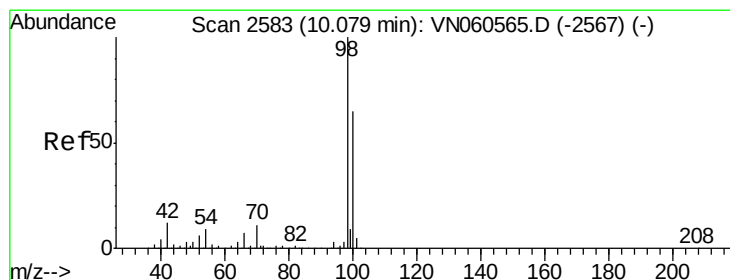
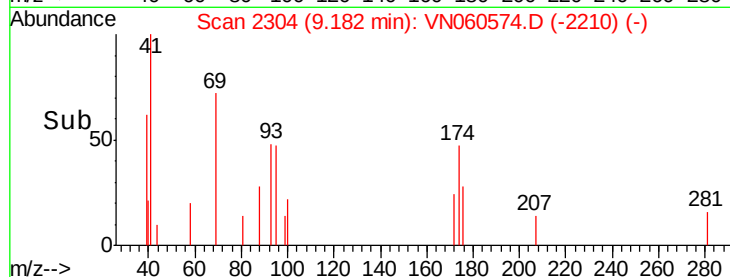
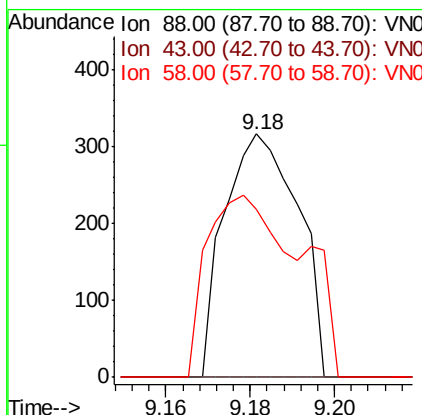
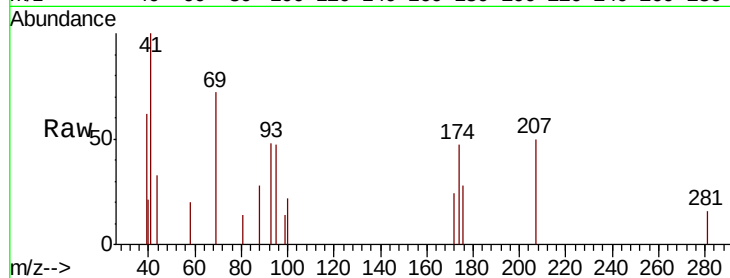




#49
1,4-Dioxane
Concen: 12.105 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

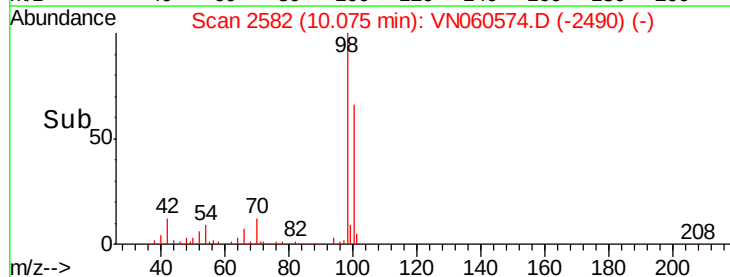
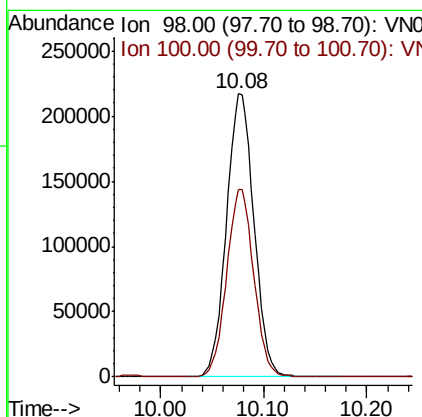
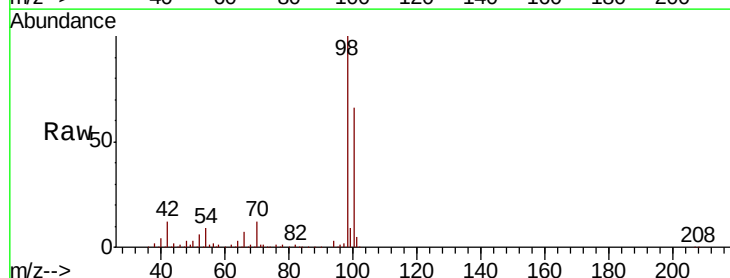
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

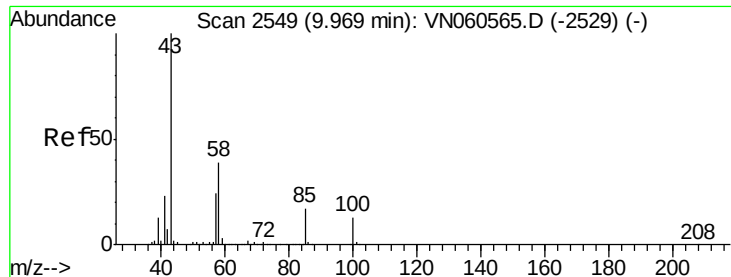
Tot Ion: 88 Resp: 383
Ion Ratio Lower Upper
88 100
43 0.0 30.8 46.2#
58 95.0 59.8 89.8#



#50
Toluene-d8
Concen: 47.167 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

Tgt Ion: 98 Resp: 403636
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 4.220 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

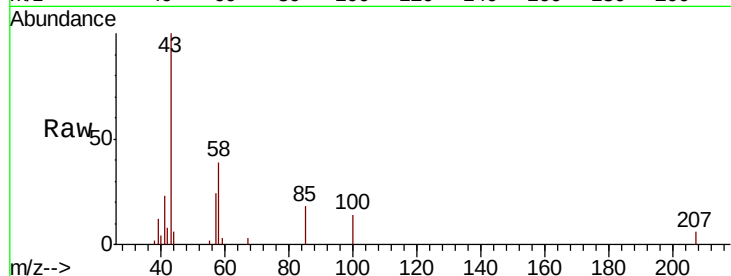
LOQ-WATER-02-QT1-2020

Tot Ion: 43 Resp: 14356

Ion Ratio Lower Upper

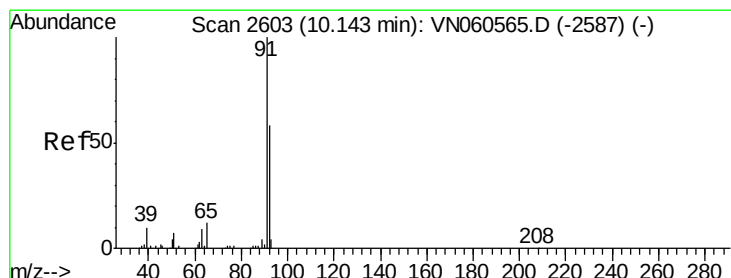
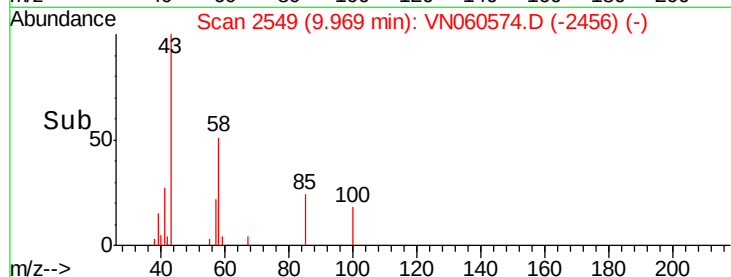
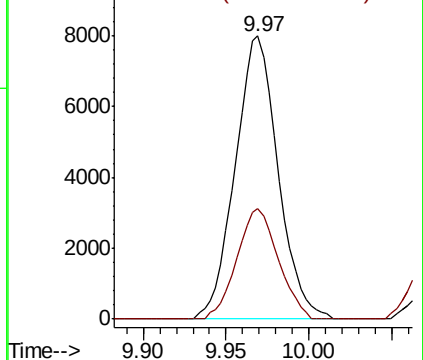
43 100

58 37.6 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) (-)



#52

Toluene

Concen: 0.913 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060574.D

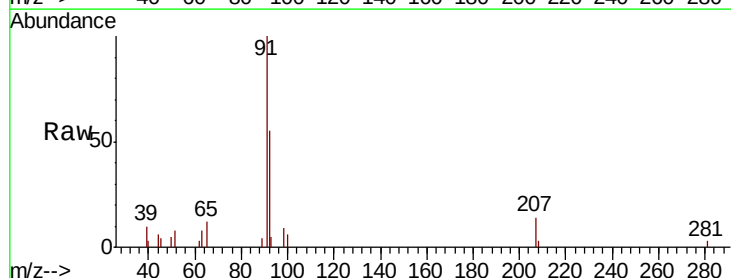
Acq: 17 Mar 2020 23:21

Tgt Ion: 92 Resp: 5584

Ion Ratio Lower Upper

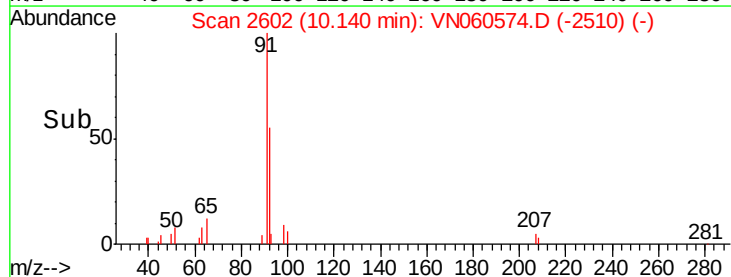
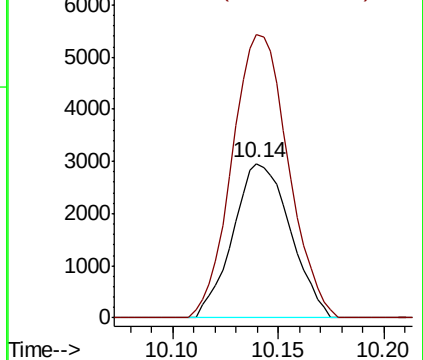
92 100

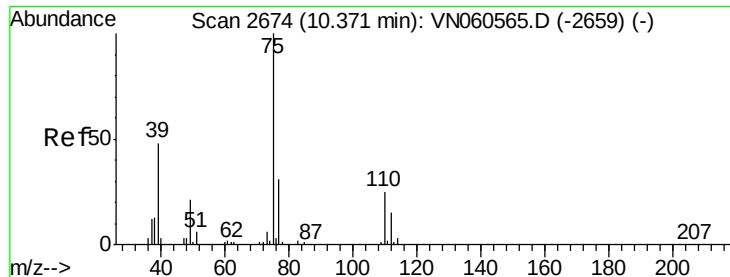
91 180.2 137.6 206.4



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

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

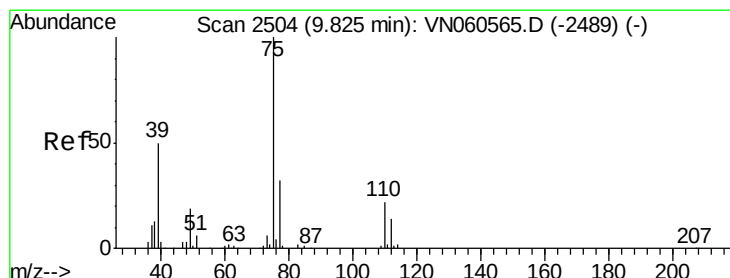
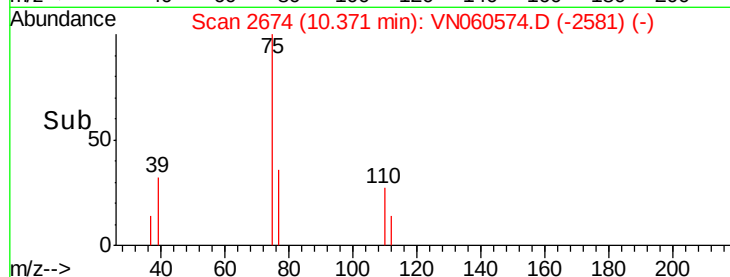
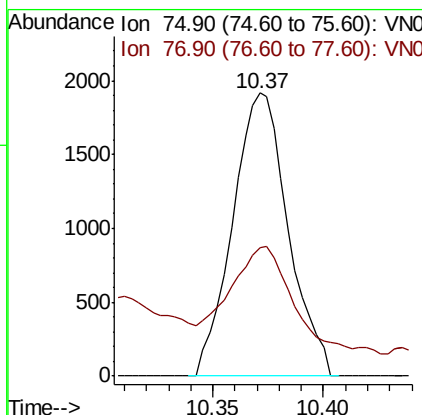
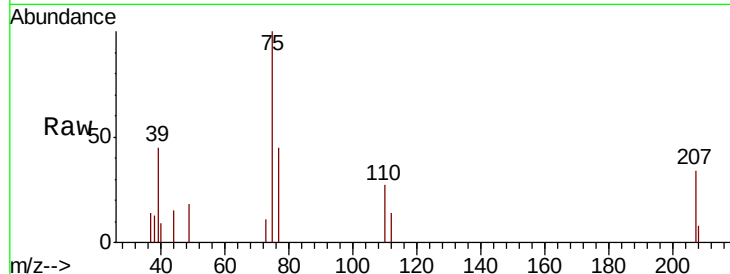




#53
t-1,3-Dichloropropene
Concen: 0.869 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

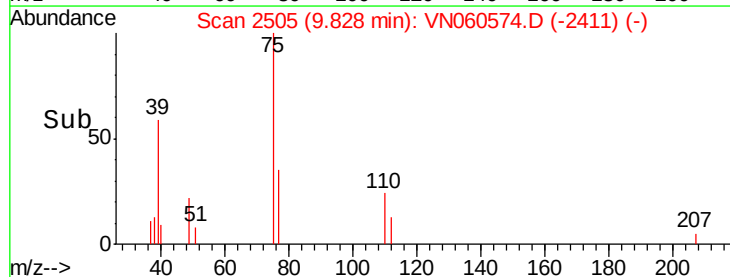
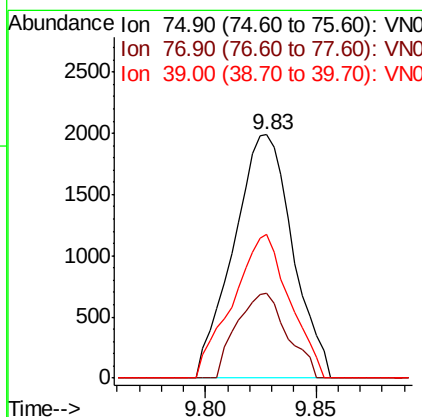
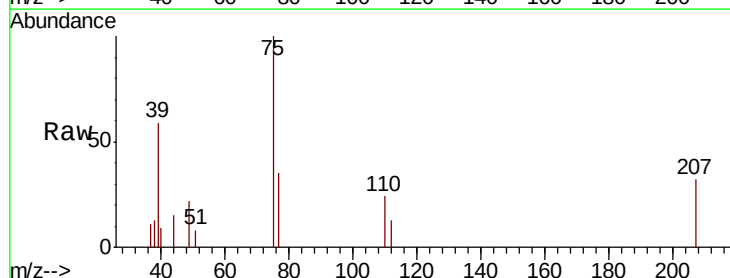
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

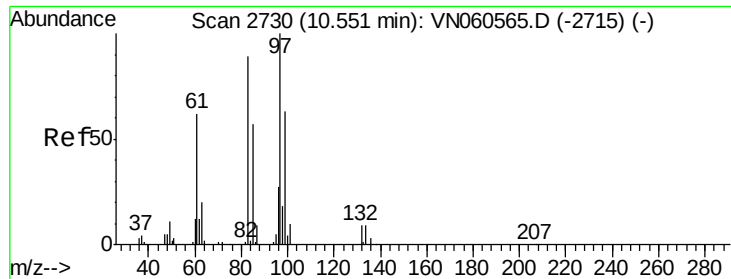
Tot Ion: 75 Resp: 3350
Ion Ratio Lower Upper
75 100
77 33.9 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 0.875 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

Tgt Ion: 75 Resp: 3700
Ion Ratio Lower Upper
75 100
77 34.7 25.4 38.0
39 58.8 40.2 60.4

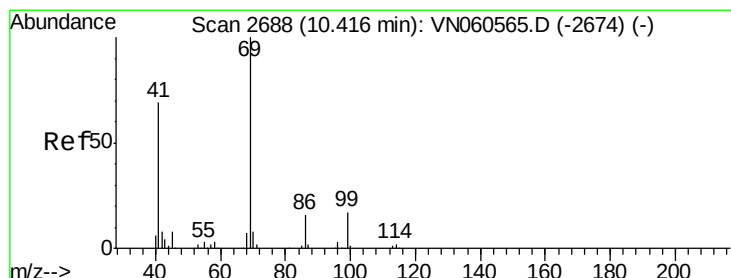
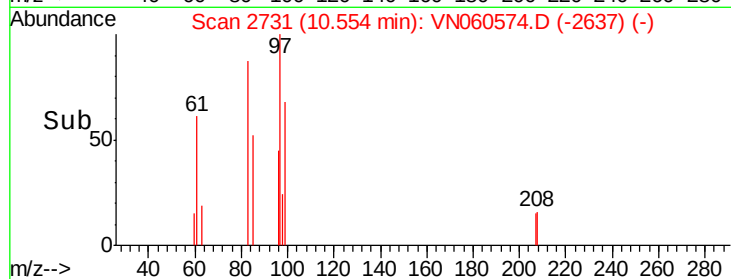
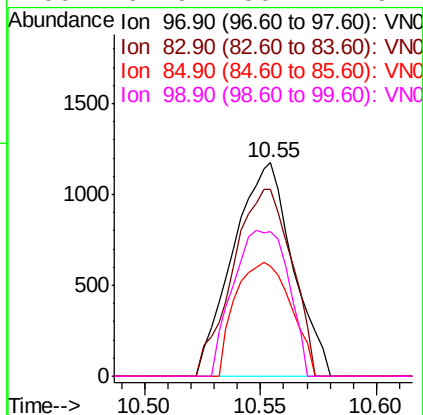
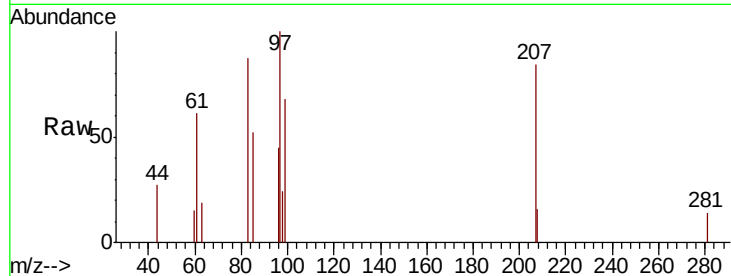




#55
 1,1,2-Trichloroethane
 Concen: 0.891 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

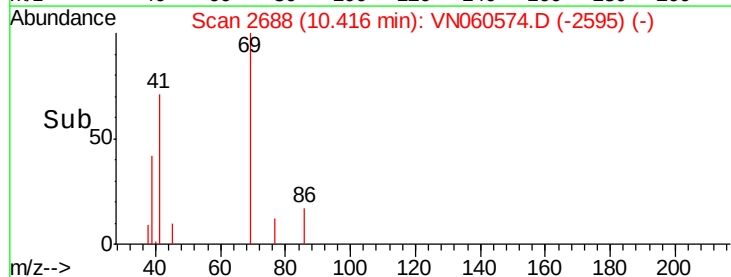
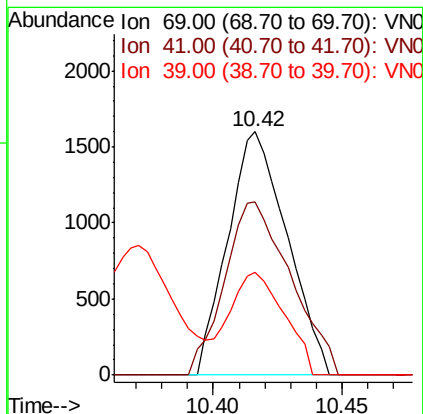
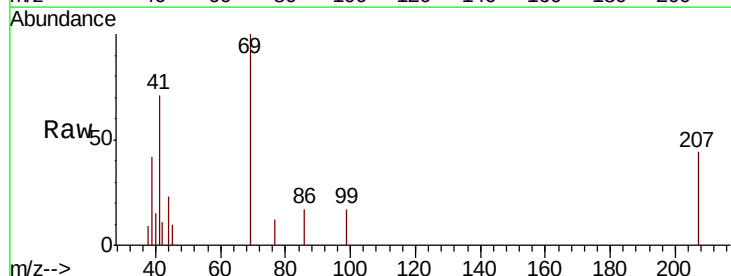
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

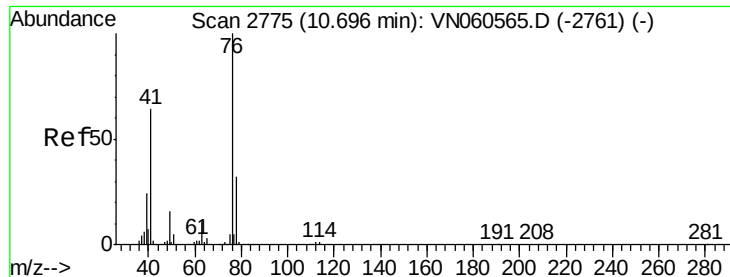
Tot Ion:	97	Resp:	2096
Ion	Ratio	Lower	Upper
97	100		
83	87.3	71.3	106.9
85	51.7	45.2	67.8
99	67.9	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 0.697 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

Tgt Ion:	69	Resp:	2557
Ion	Ratio	Lower	Upper
69	100		
41	79.7	55.4	83.2
39	39.9	29.4	44.0

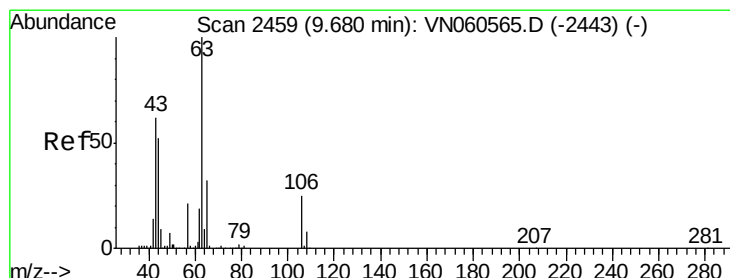
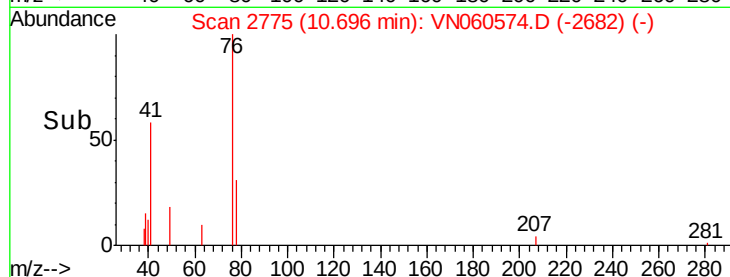
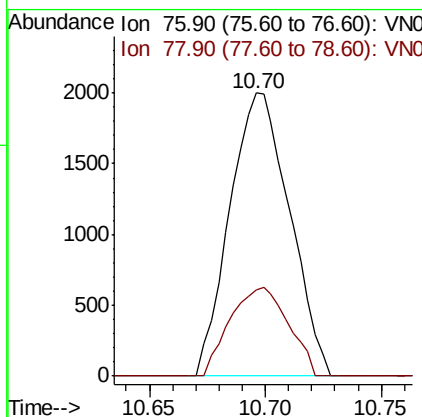
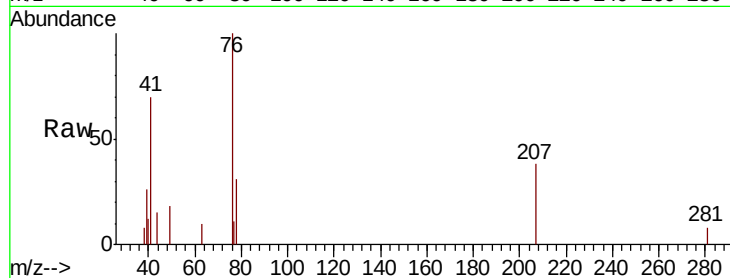




#57
 1,3-Dichloropropane
 Concen: 0.877 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

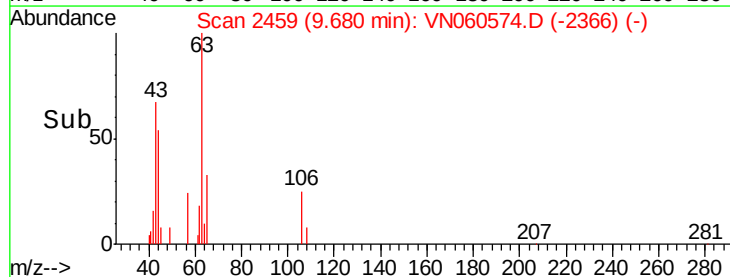
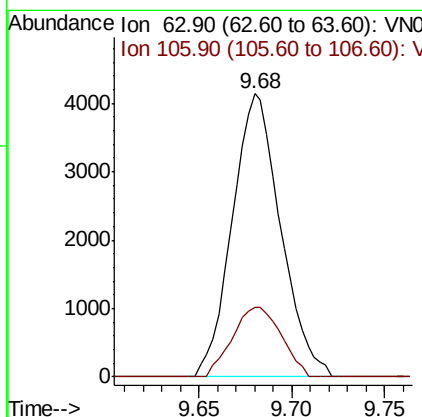
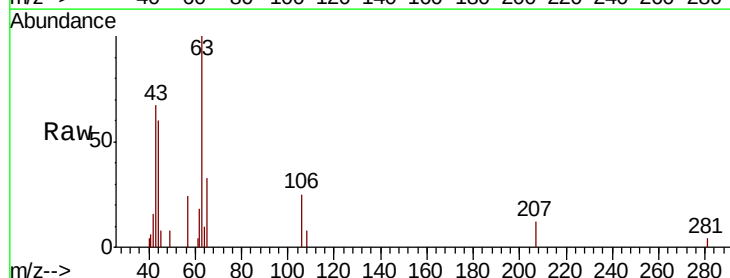
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

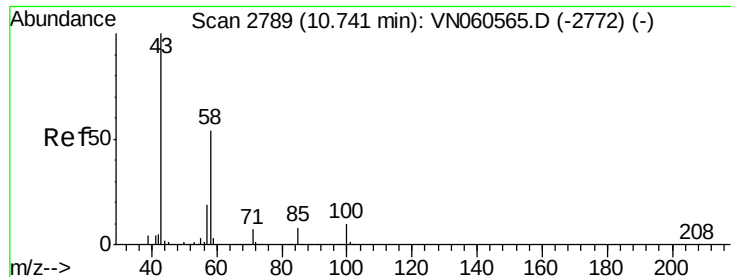
Tot Ion: 76 Resp: 3582
 Ion Ratio Lower Upper
 76 100
 78 30.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.103 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

Tgt Ion: 63 Resp: 7483
 Ion Ratio Lower Upper
 63 100
 106 25.0 20.0 30.0

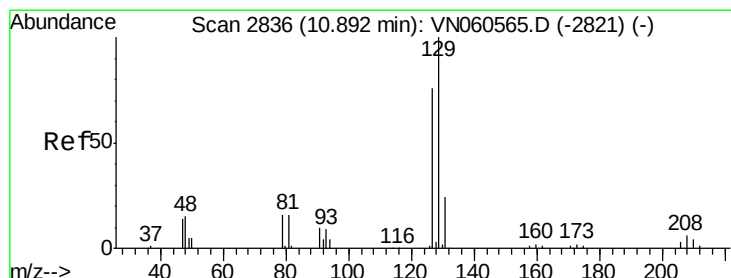
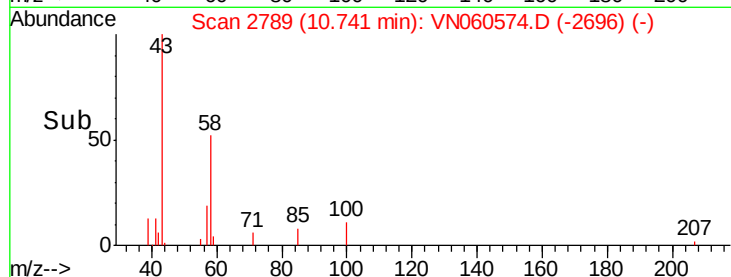
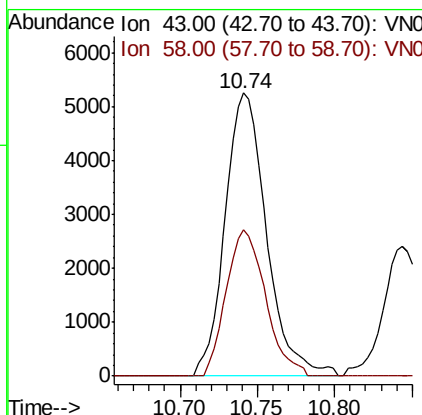
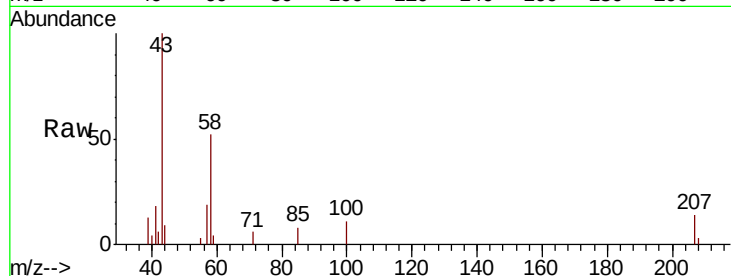




#59
2-Hexanone
Concen: 3.981 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

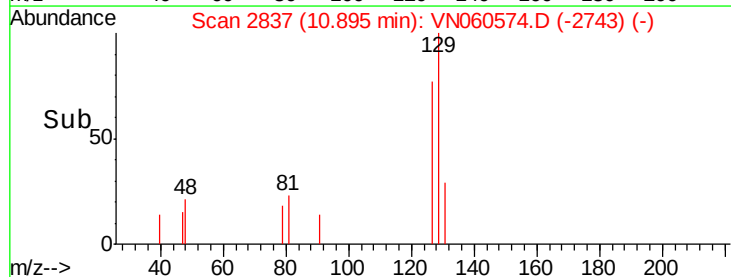
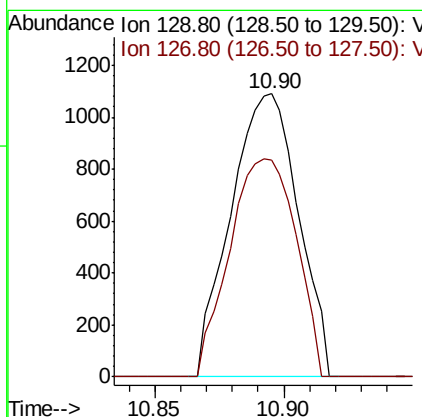
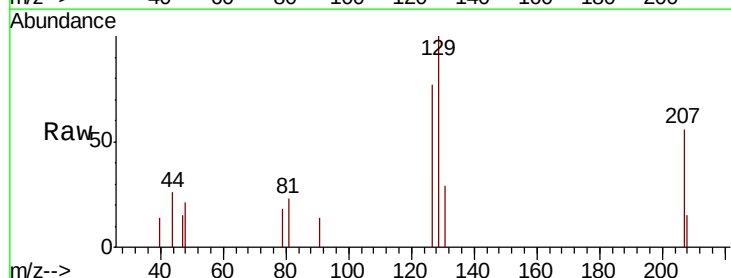
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

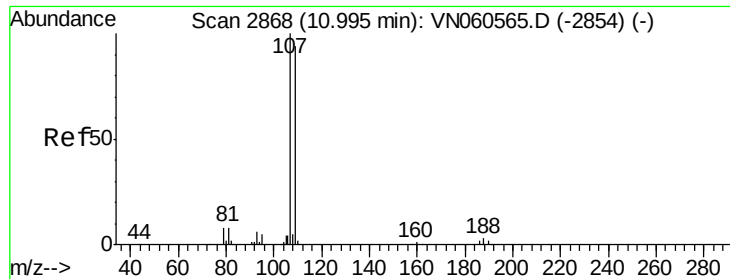
Tot Ion: 43 Resp: 9756
Ion Ratio Lower Upper
43 100
58 49.2 26.7 80.1



#60
Dibromochloromethane
Concen: 0.819 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

Tgt Ion: 129 Resp: 1990
Ion Ratio Lower Upper
129 100
127 76.0 38.5 115.5

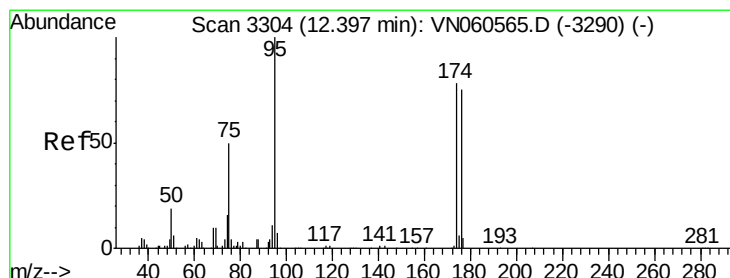
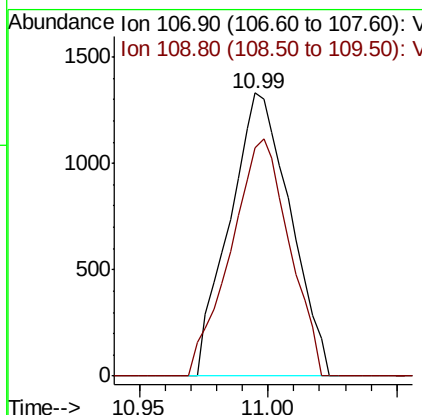
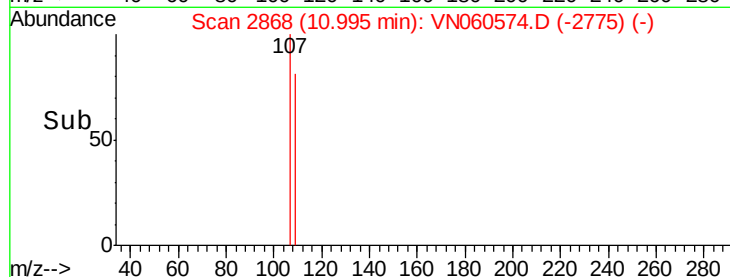
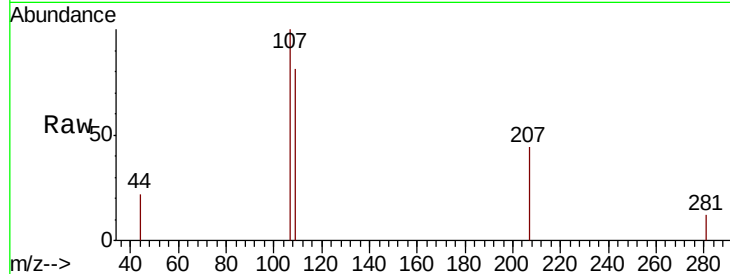




#61
 1,2-Dibromoethane
 Concen: 0.920 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

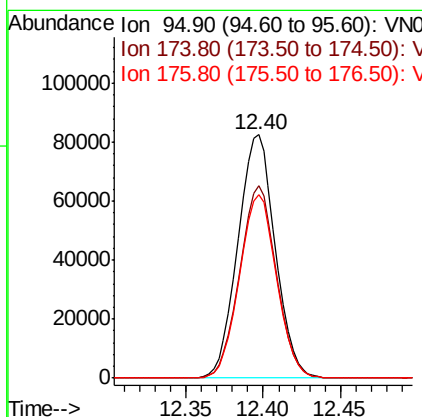
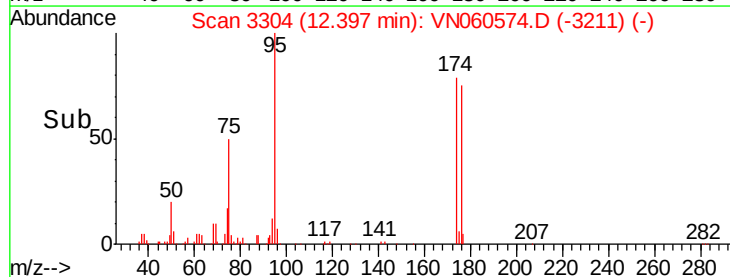
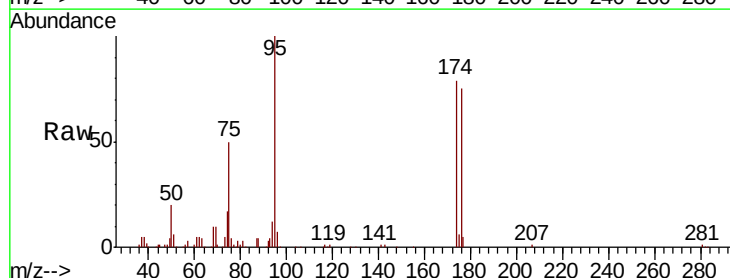
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

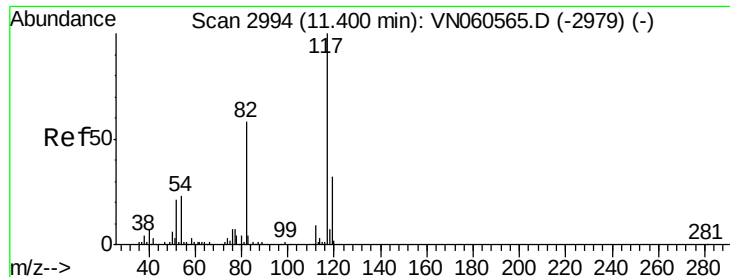
Tot Ion: 107 Resp: 2177
 Ion Ratio Lower Upper
 107 100
 109 81.2 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 44.152 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

Tgt Ion: 95 Resp: 138472
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 157.6
 176 75.3 0.0 150.6

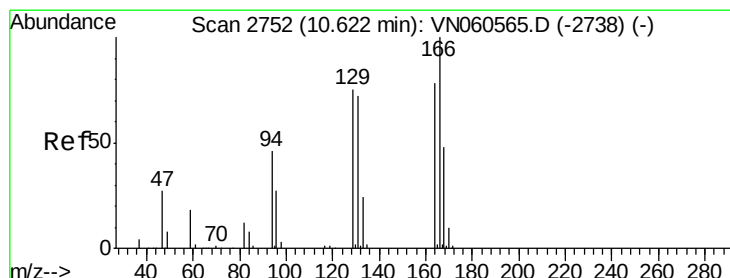
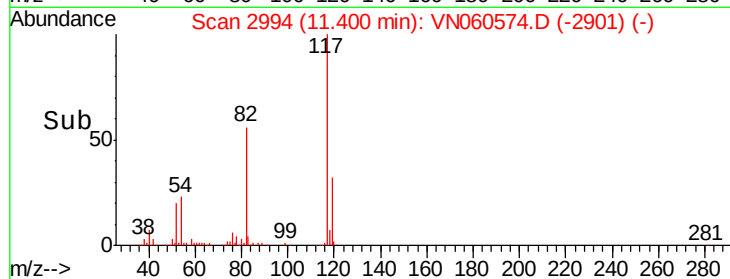
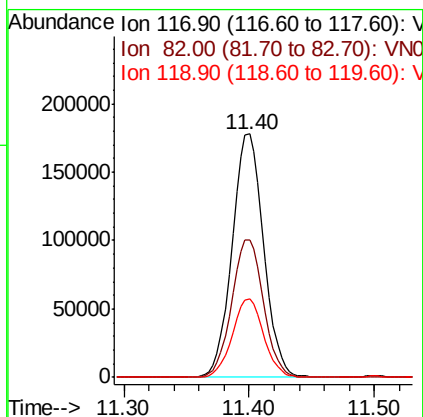
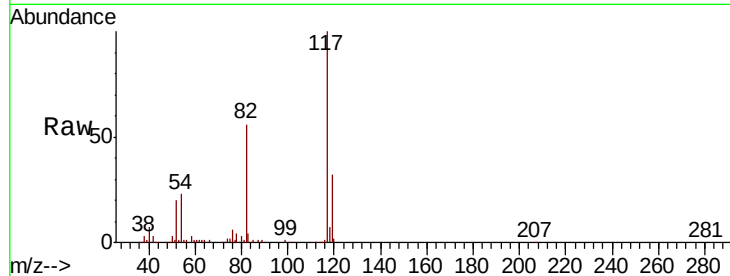




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

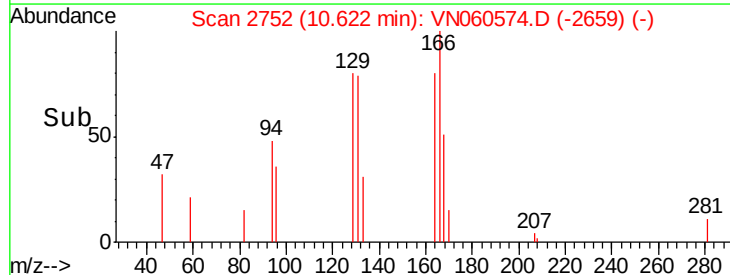
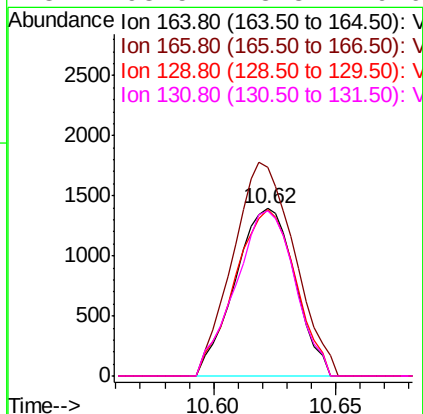
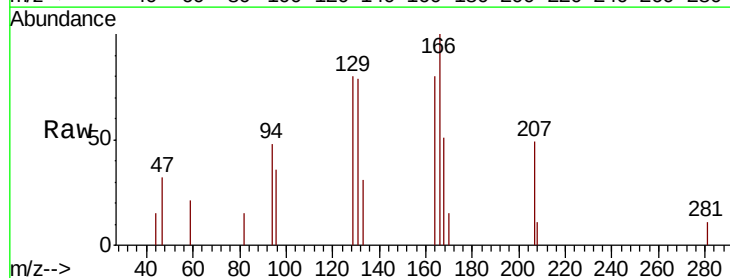
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

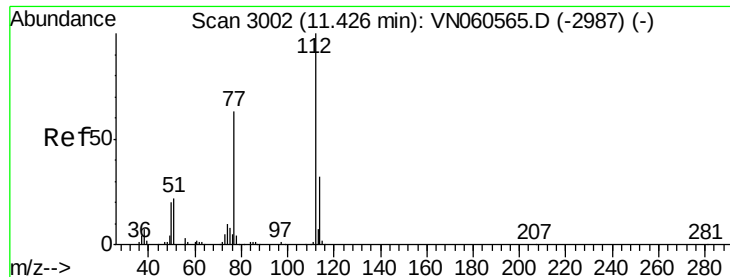
Tot Ion:117 Resp: 309492
Ion Ratio Lower Upper
117 100
82 56.5 46.7 70.1
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 0.978 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

Tgt Ion:164 Resp: 2381
Ion Ratio Lower Upper
164 100
166 124.7 102.7 154.1
129 99.6 77.2 115.8
131 98.5 73.8 110.6





#65

Chlorobenzene

Concen: 0.942 ug/l

RT: 11.42 min Scan# 3001

Delta R.T. -0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

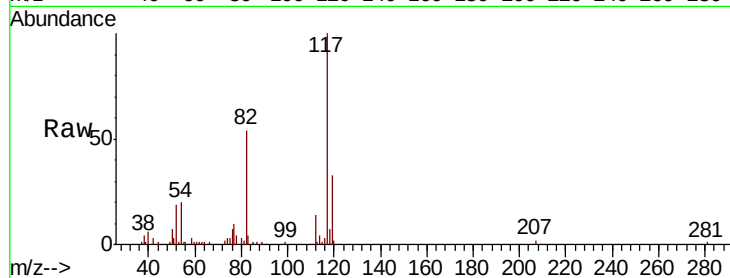
LOQ-WATER-02-QT1-2020

Tot Ion:112 Resp: 5780

Ion Ratio Lower Upper

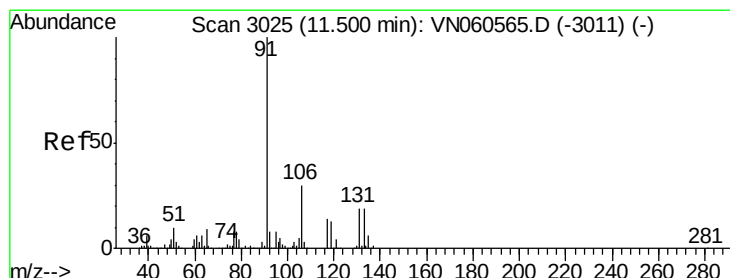
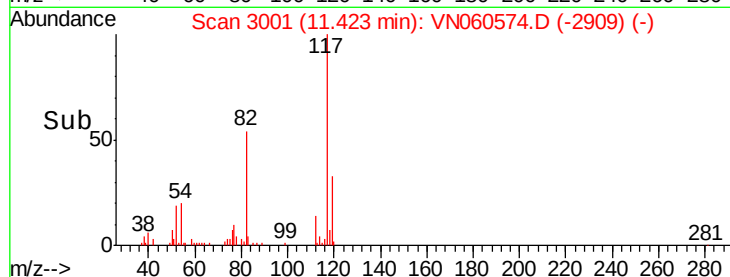
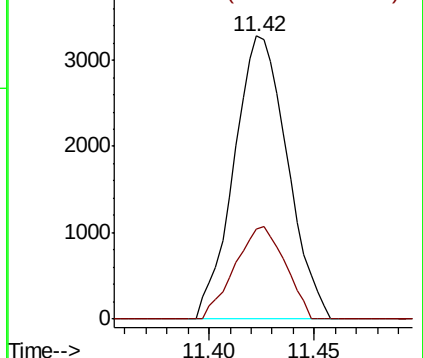
112 100

114 32.0 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.871 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. 0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

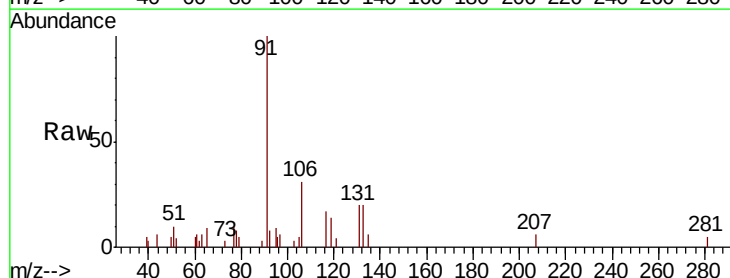
Tgt Ion:131 Resp: 1934

Ion Ratio Lower Upper

131 100

133 101.0 48.9 146.8

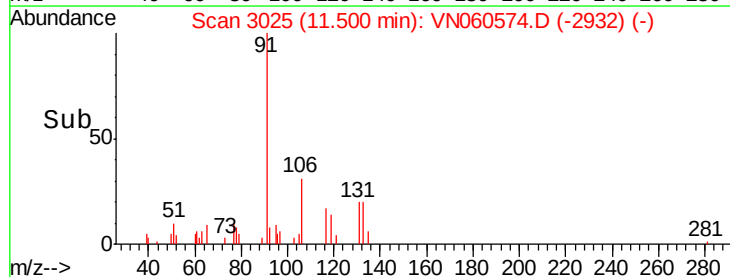
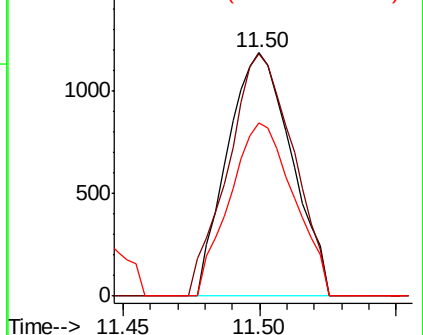
119 0.0 33.9 101.7#

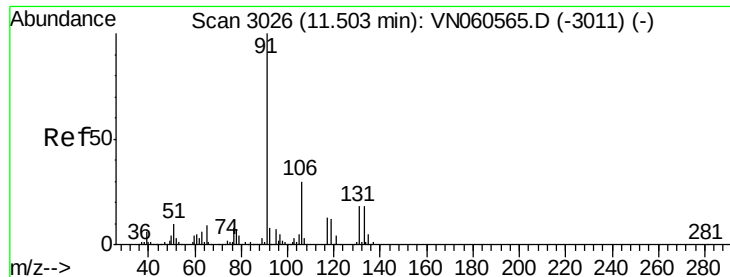


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

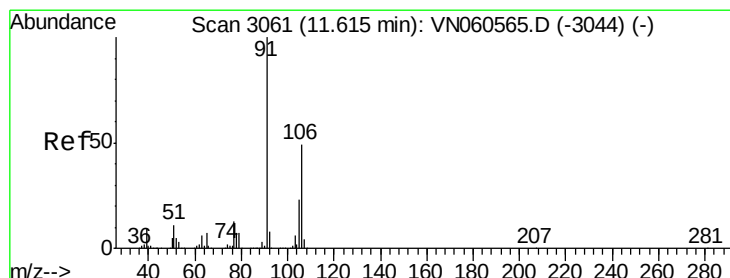
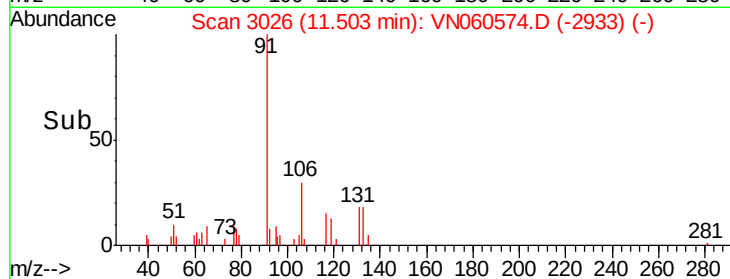
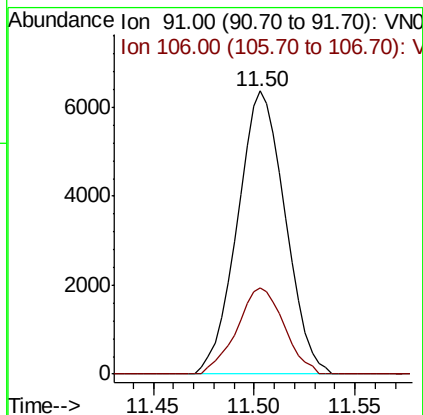
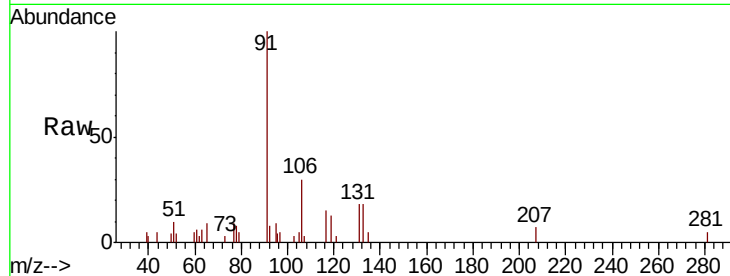




#67
Ethyl Benzene
Concen: 0.924 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

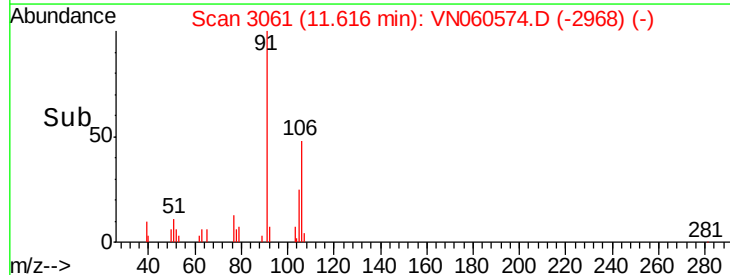
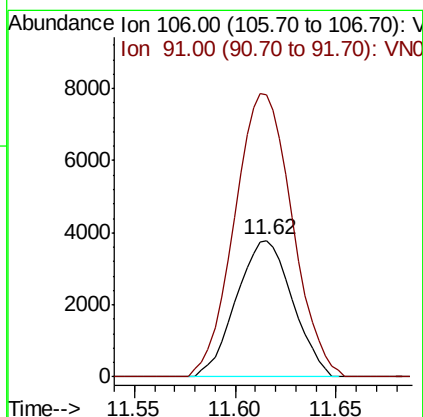
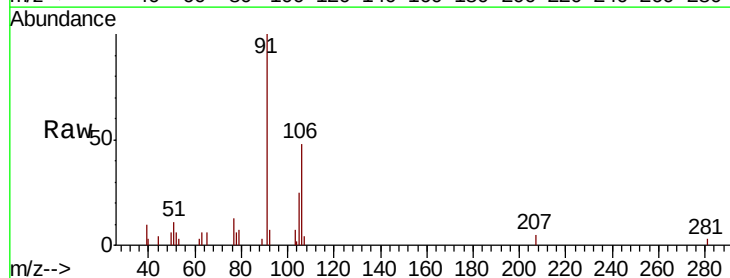
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

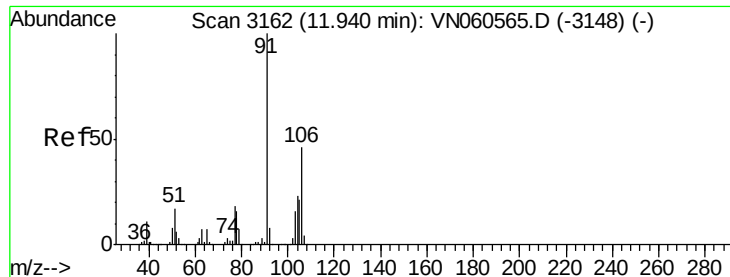
Tot Ion: 91 Resp: 10539
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.2



#68
m/p-Xylenes
Concen: 1.737 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

Tgt Ion: 106 Resp: 7366
Ion Ratio Lower Upper
106 100
91 212.9 165.0 247.4

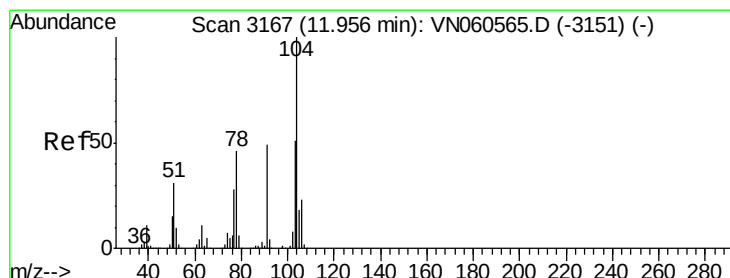
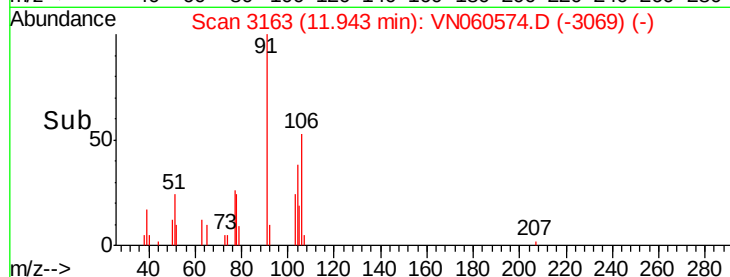
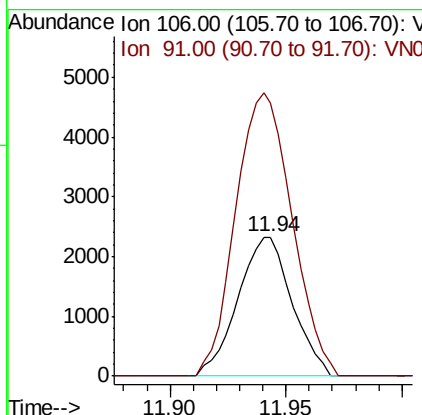
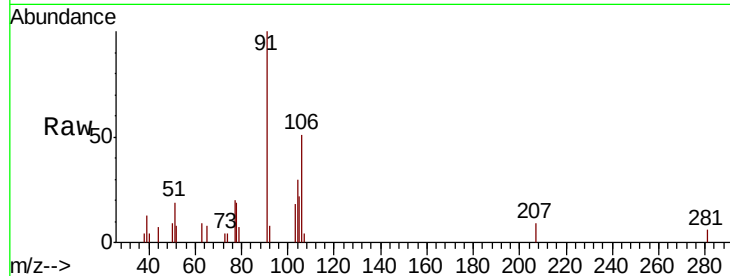




#69
o-Xylene
Concen: 0.926 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

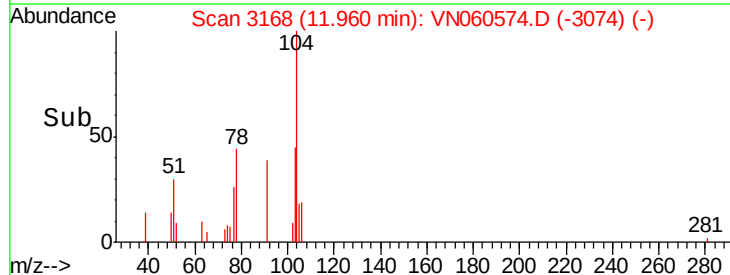
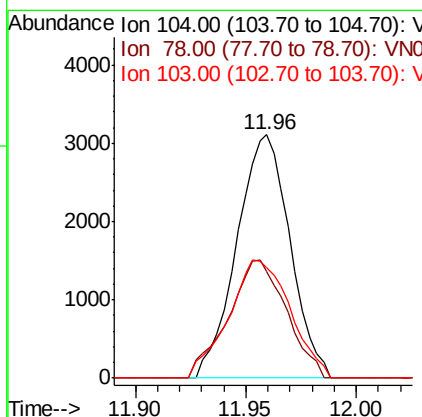
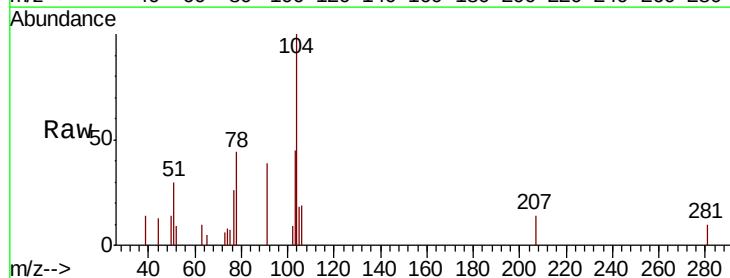
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT1-2020

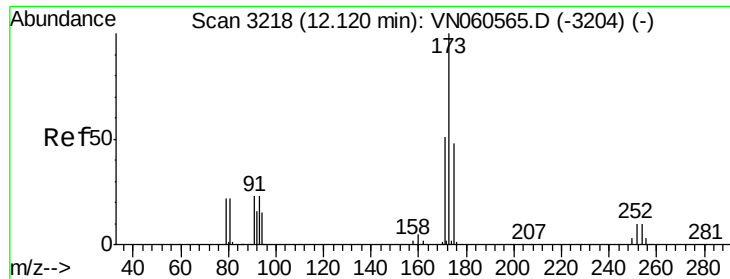
Tot Ion:106 Resp: 3748
Ion Ratio Lower Upper
106 100
91 212.8 109.5 328.4



#70
Styrene
Concen: 0.787 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

Tgt Ion:104 Resp: 5209
Ion Ratio Lower Upper
104 100
78 52.9 41.2 61.8
103 56.2 44.0 66.0





#71

Bromoform

Concen: 0.745 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

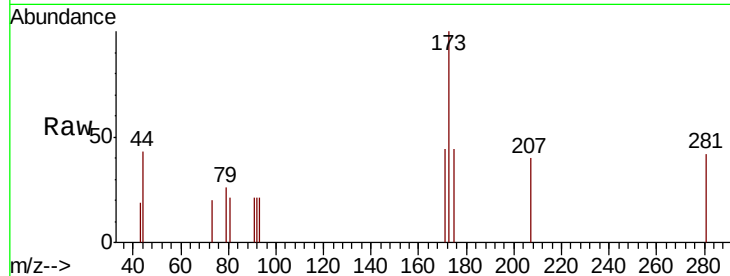
Tot Ion:173 Resp: 1235

Ion Ratio Lower Upper

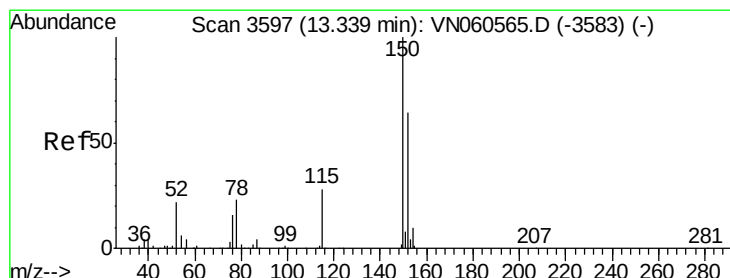
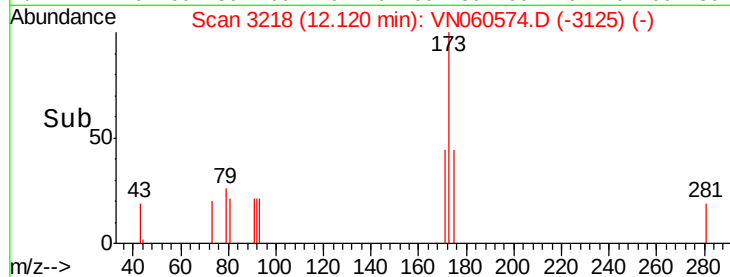
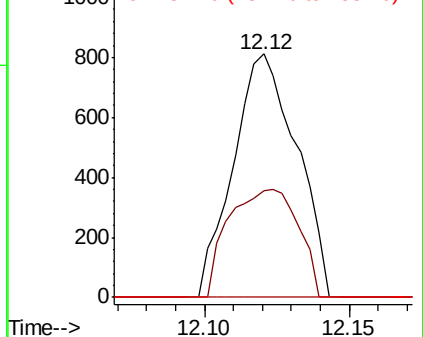
173 100

175 48.7 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: VN060574.D

Acq: 17 Mar 2020 23:21

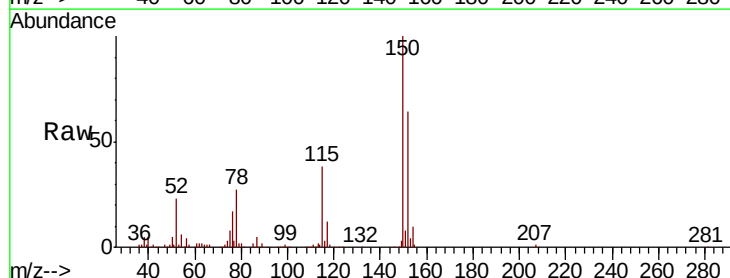
Tgt Ion:152 Resp: 132173

Ion Ratio Lower Upper

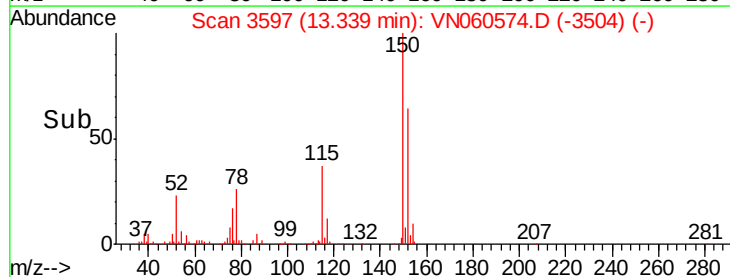
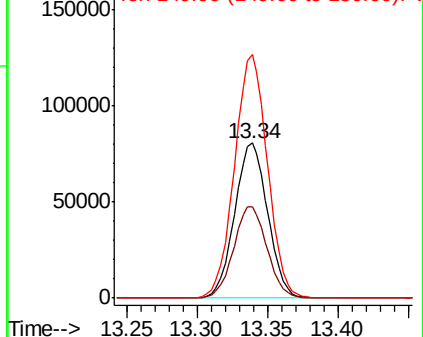
152 100

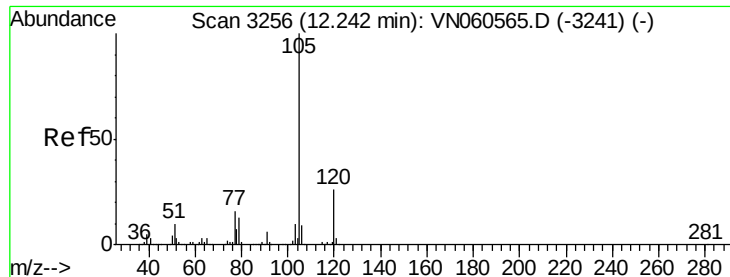
115 59.7 30.2 90.6

150 156.9 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: 0.983 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

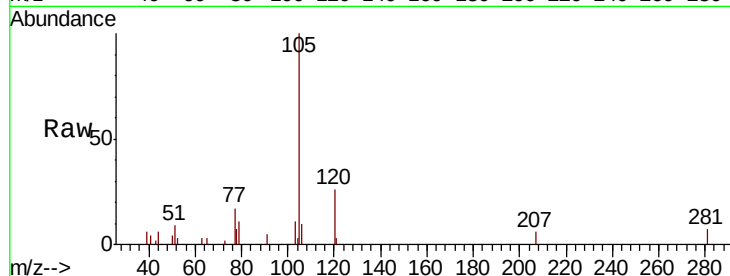
LOQ-WATER-02-QT1-2020

Tot Ion: 105 Resp: 9752

Ion Ratio Lower Upper

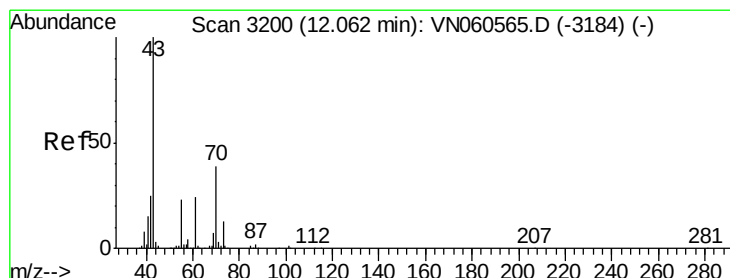
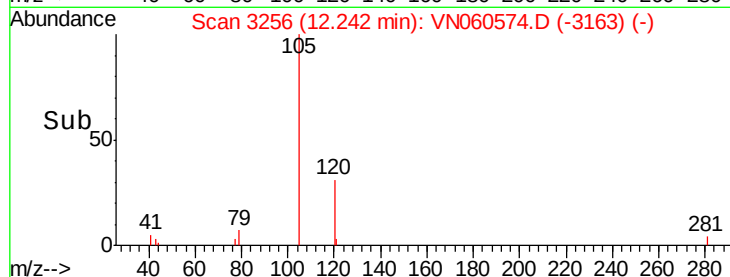
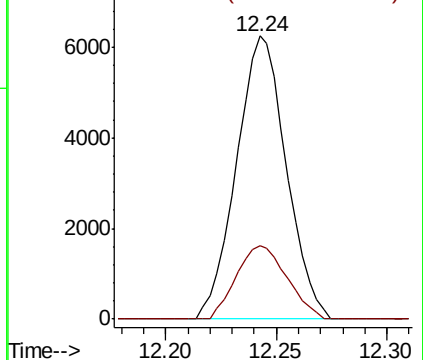
105 100

120 26.5 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: 0.933 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Tgt Ion: 43 Resp: 4276

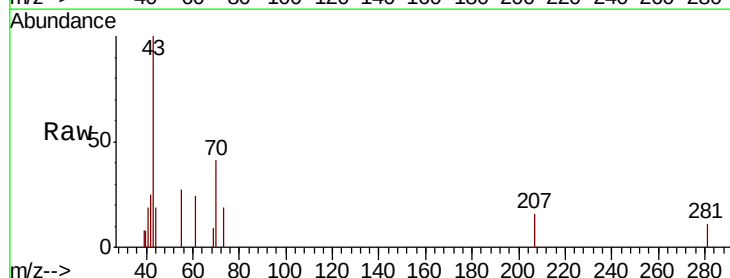
Ion Ratio Lower Upper

43 100

70 34.3 31.1 46.7

55 19.4 18.6 27.8

61 20.2 18.9 28.3

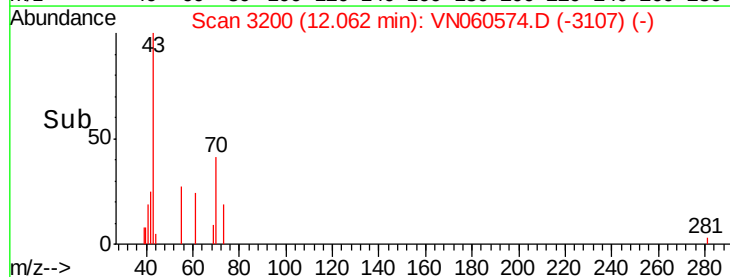
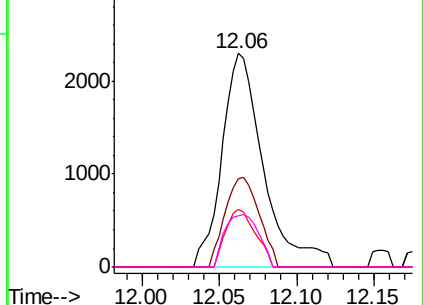


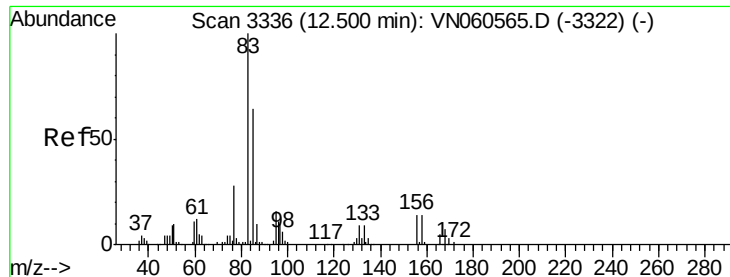
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 0.934 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

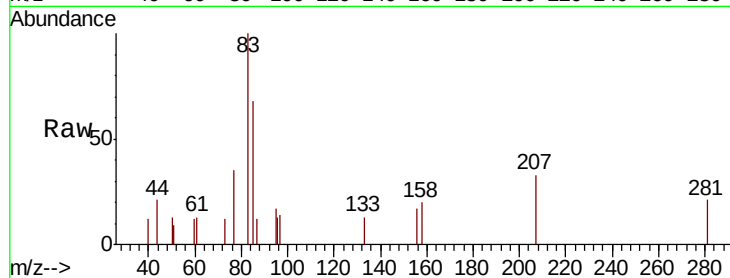
Tot Ion: 83 Resp: 2803

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

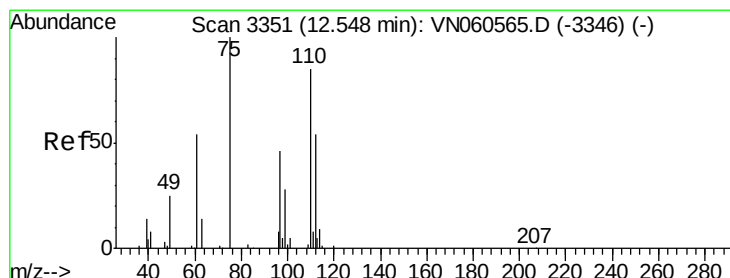
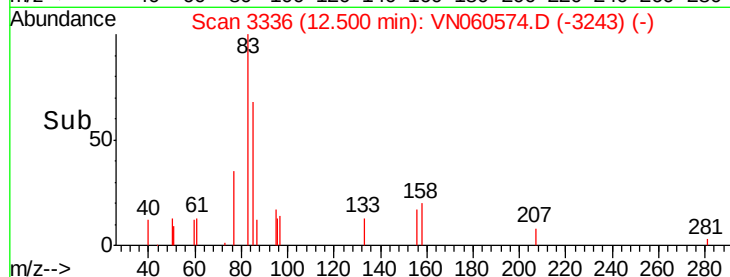
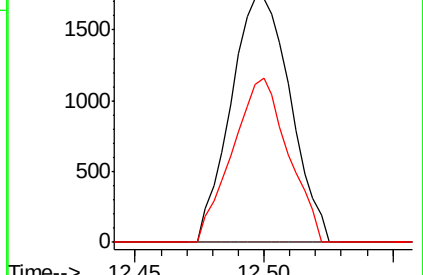
85 62.5 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060574.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060574.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060574.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 1.481 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060574.D

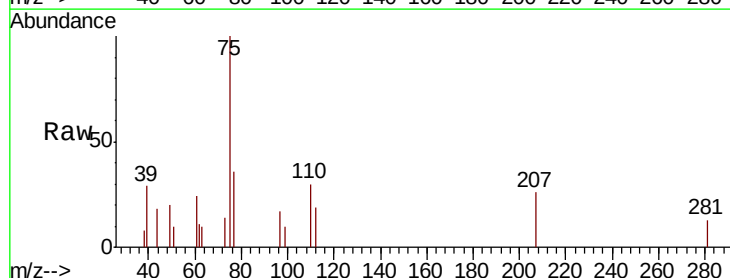
Acq: 17 Mar 2020 23:21

Tgt Ion: 75 Resp: 4223

Ion Ratio Lower Upper

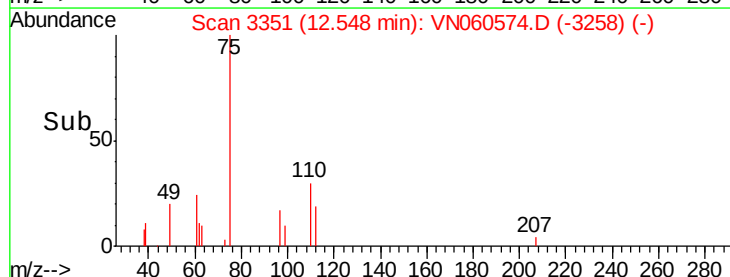
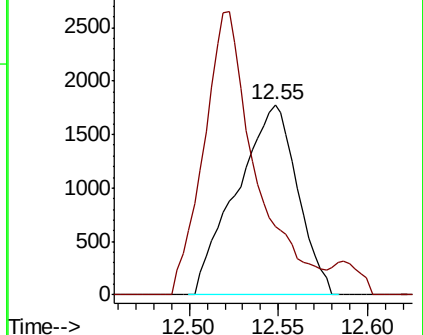
75 100

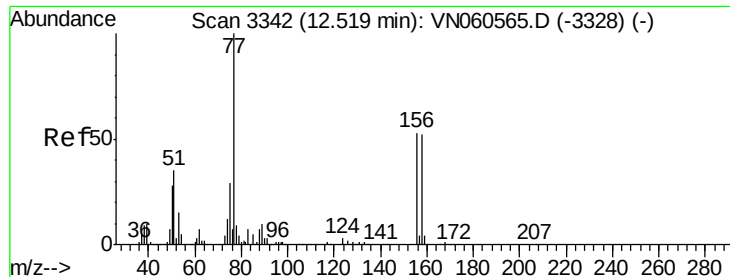
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060574.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN060574.D (-3351) (-)





#77

Bromobenzene

Concen: 0.991 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

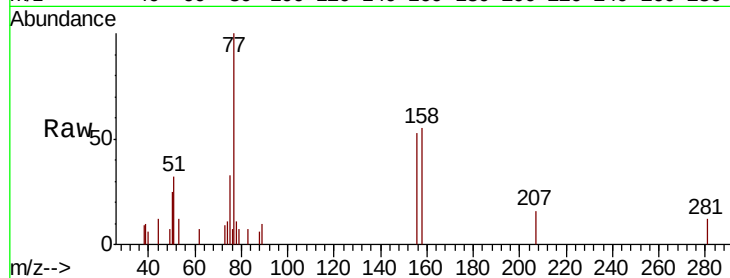
Tot Ion:156 Resp: 2368

Ion Ratio Lower Upper

156 100

77 228.2 112.3 337.0

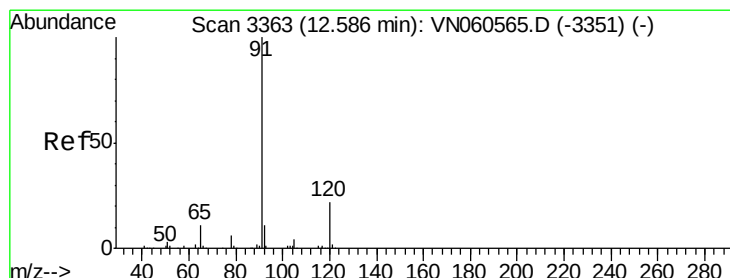
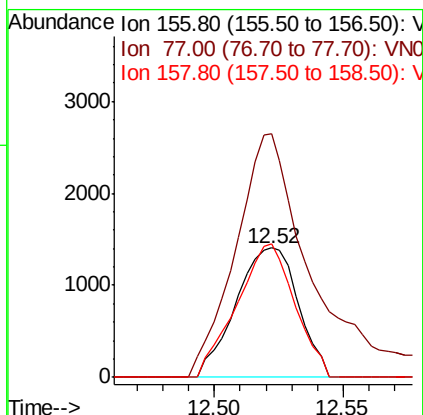
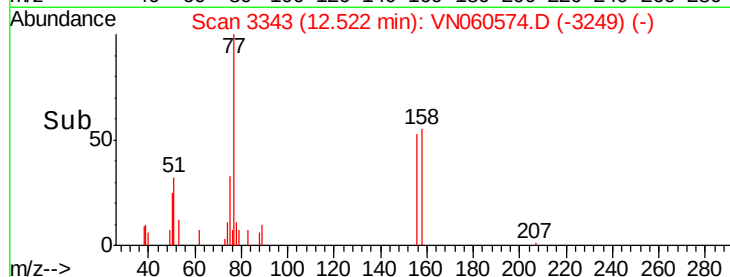
158 96.5 48.6 145.8



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: 0.978 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060574.D

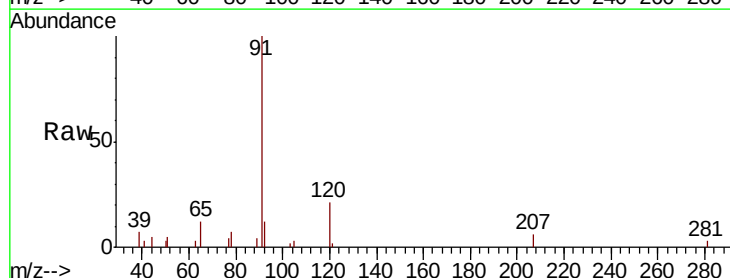
Acq: 17 Mar 2020 23:21

Tgt Ion: 91 Resp: 11461

Ion Ratio Lower Upper

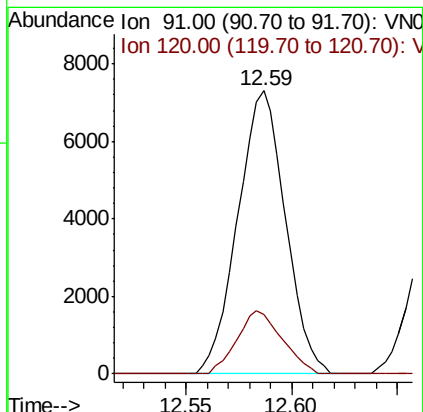
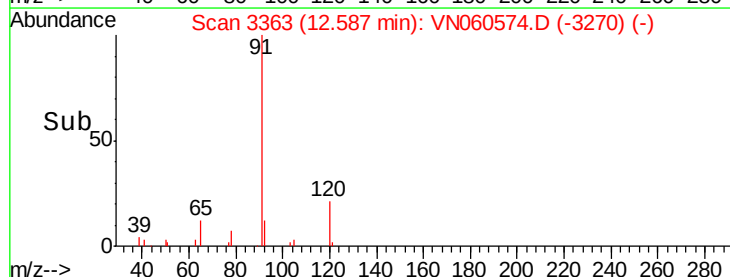
91 100

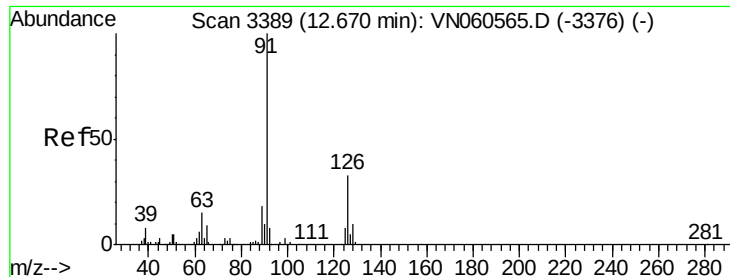
120 21.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

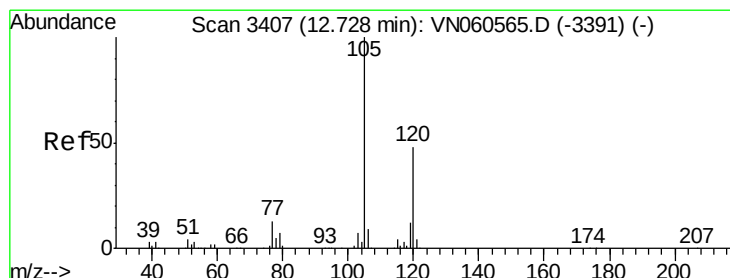
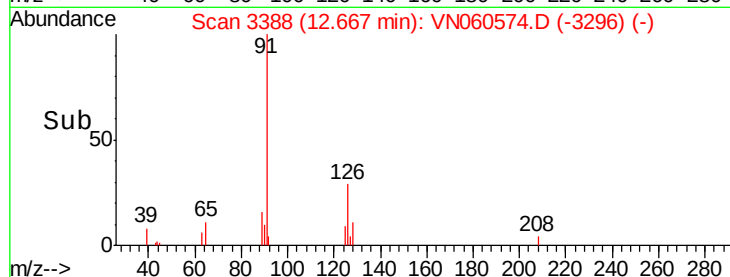
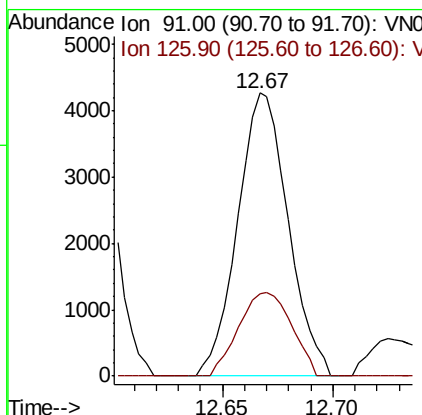
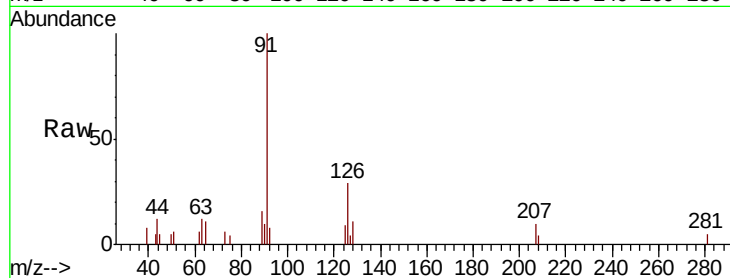




#79
 2-Chlorotoluene
 Concen: 0.970 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

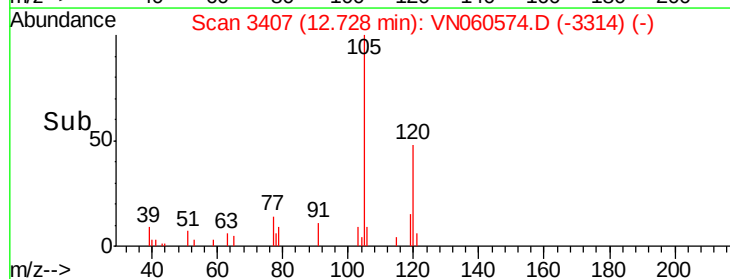
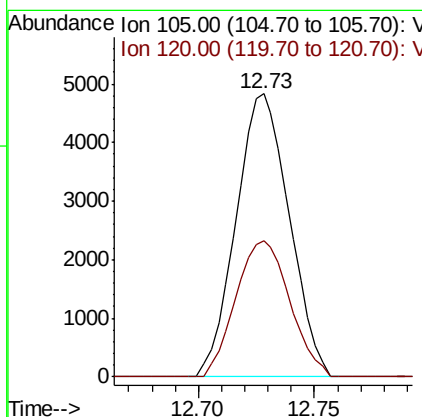
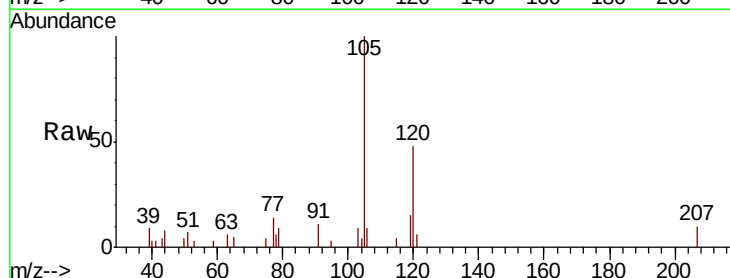
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

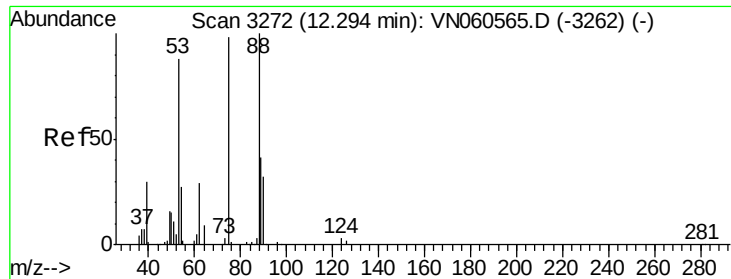
Tot Ion: 91 Resp: 6795
 Ion Ratio Lower Upper
 91 100
 126 30.9 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 0.914 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

Tgt Ion: 105 Resp: 7697
 Ion Ratio Lower Upper
 105 100
 120 48.8 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 63.098 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT1-2020

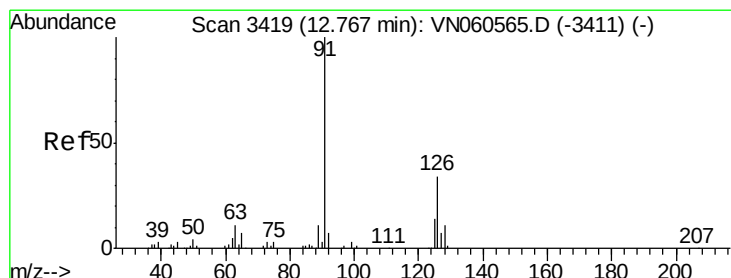
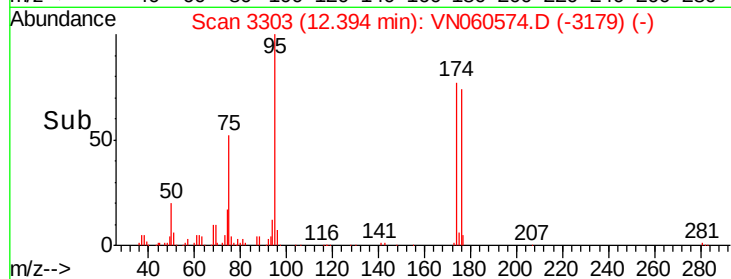
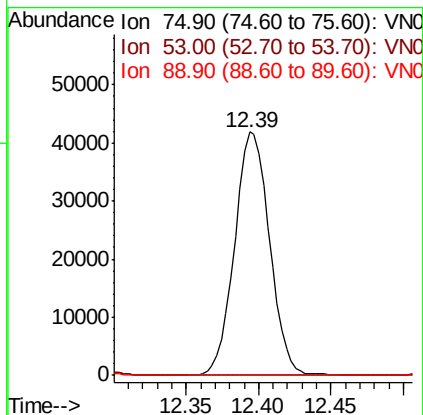
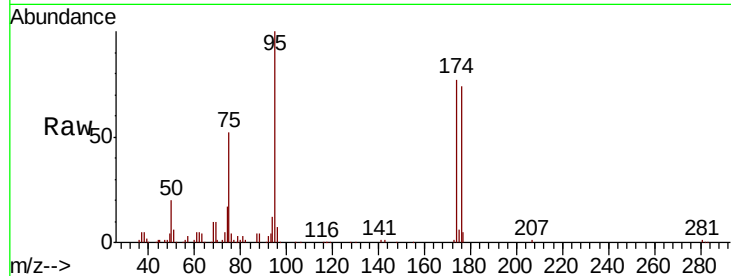
Tot Ion: 75 Resp: 70068

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.4#

89 0.0 34.8 52.2#



#82

4-Chlorotoluene

Concen: 0.987 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN060574.D

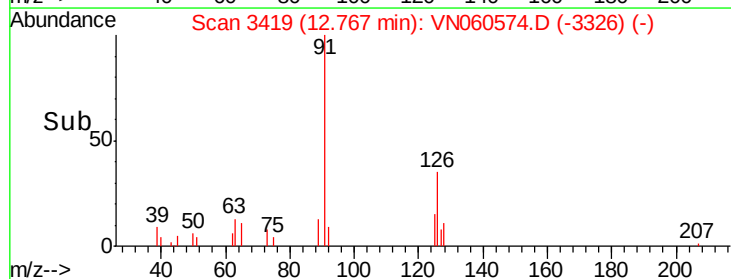
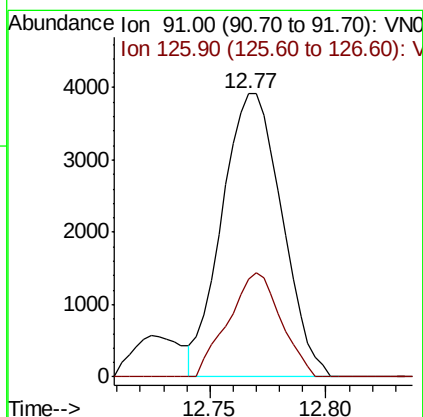
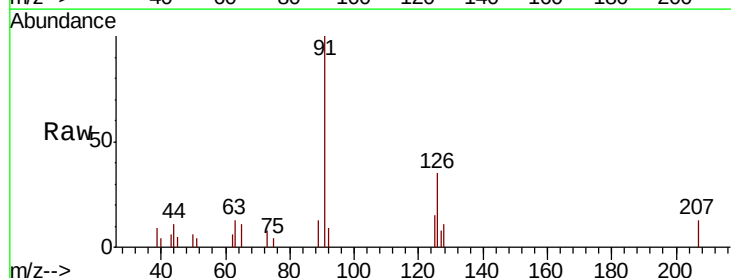
Acq: 17 Mar 2020 23:21

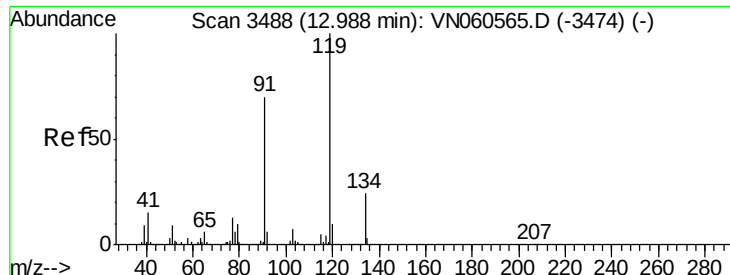
Tgt Ion: 91 Resp: 7036

Ion Ratio Lower Upper

91 100

126 32.2 16.2 48.5

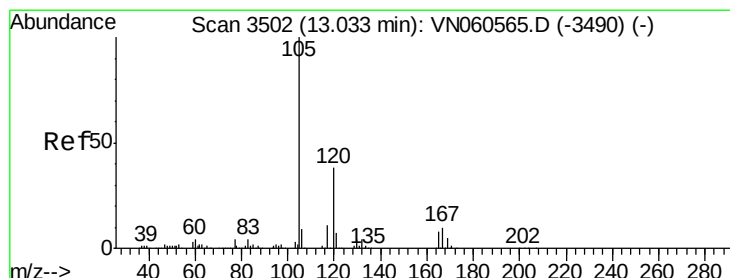
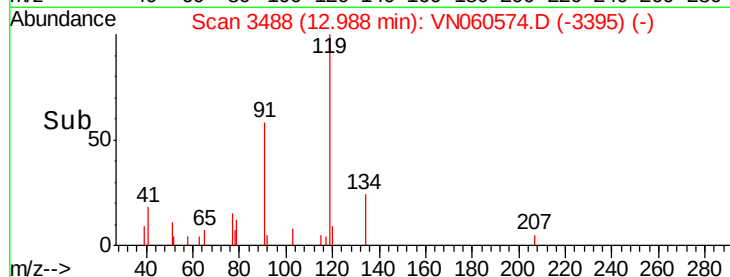
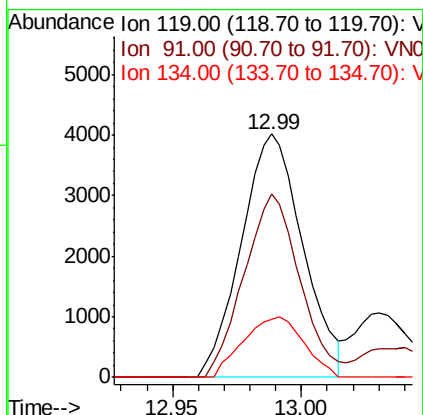
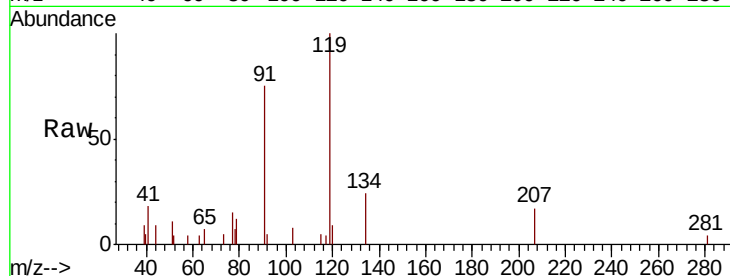




#83
 tert-Butylbenzene
 Concen: 0.959 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

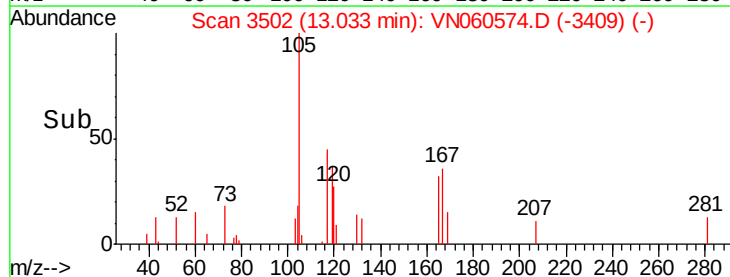
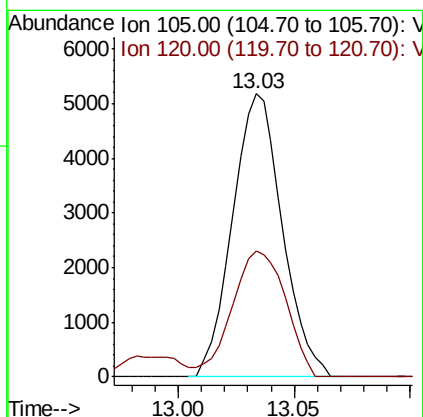
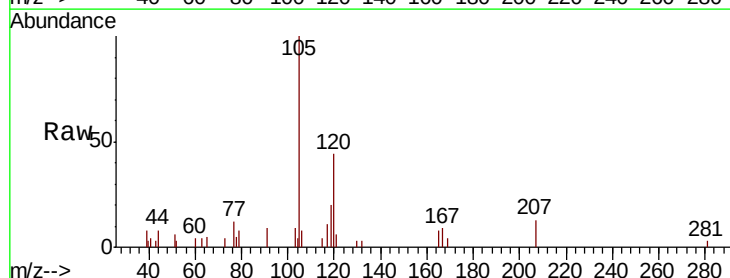
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

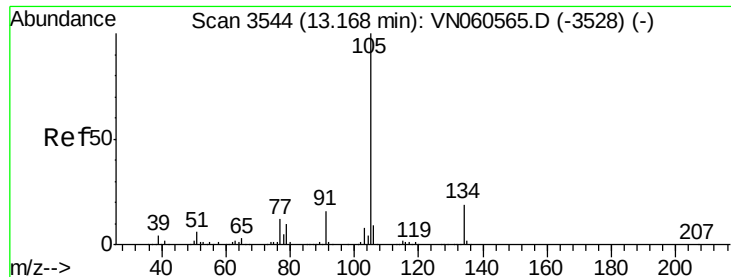
Tot Ion:119 Resp: 6695
 Ion Ratio Lower Upper
 119 100
 91 68.8 34.0 101.8
 134 24.3 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.925 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

Tgt Ion:105 Resp: 7707
 Ion Ratio Lower Upper
 105 100
 120 47.6 22.1 66.5





#85

sec-Butylbenzene

Concen: 0.960 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

Instrument :

MSVOA_N

ClientSampleId :

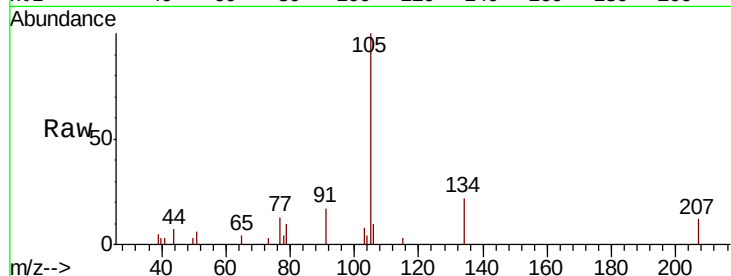
LOQ-WATER-02-QT1-2020

Tot Ion:105 Resp: 9007

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

13.17

6000

5000

4000

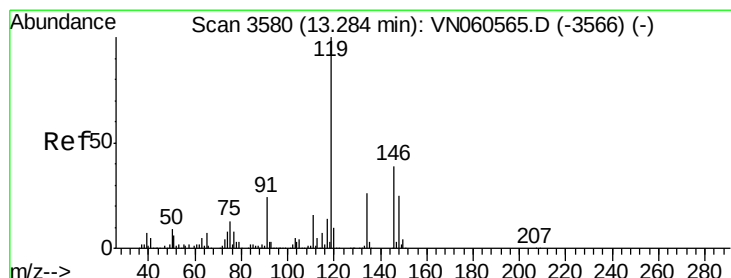
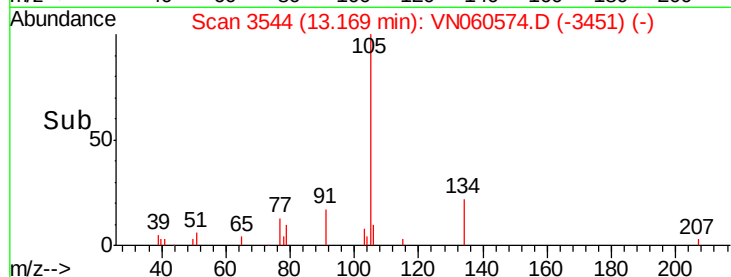
3000

2000

1000

0

Time--> 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 0.948 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060574.D

Acq: 17 Mar 2020 23:21

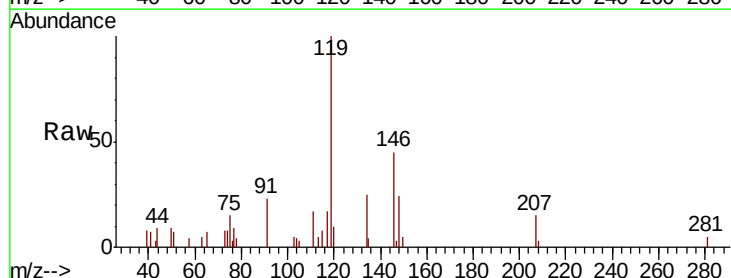
Tgt Ion:119 Resp: 7997

Ion Ratio Lower Upper

119 100

134 24.4 13.0 39.0

91 24.8 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

13.28

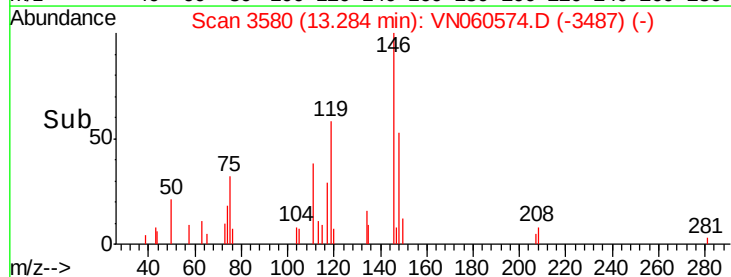
6000

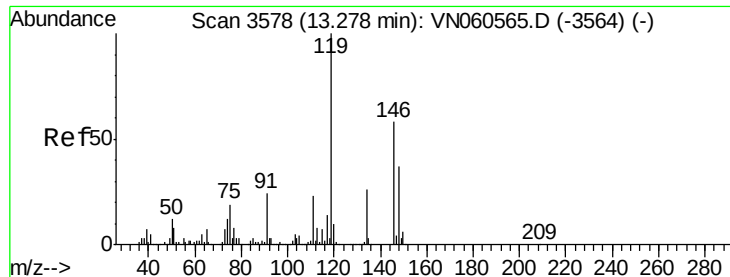
4000

2000

0

Time--> 13.25 13.30

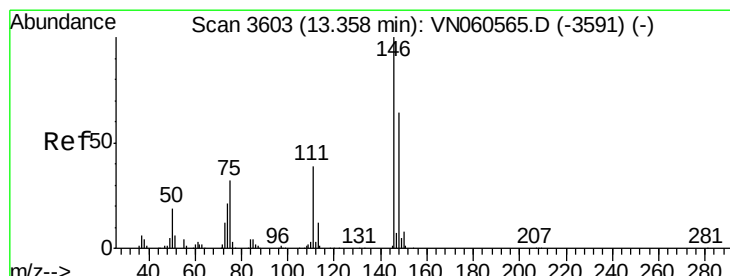
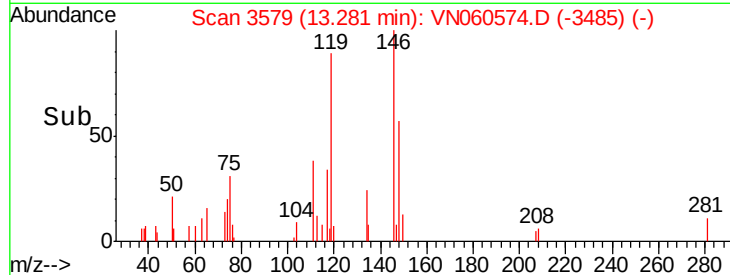
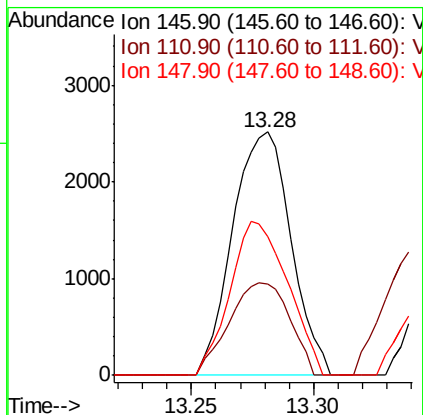
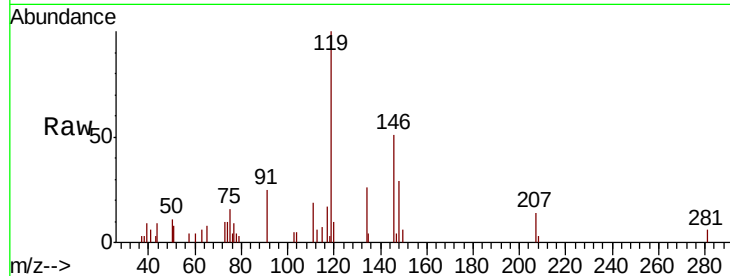




#87
 1,3-Dichlorobenzene
 Concen: 0.991 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

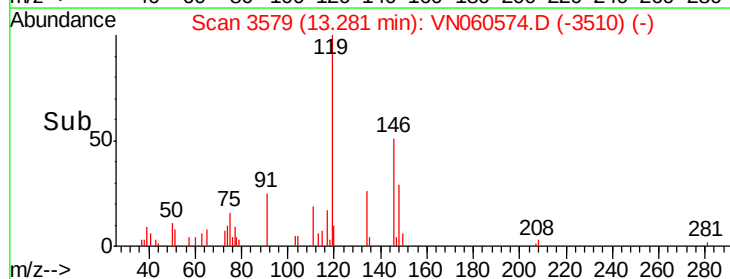
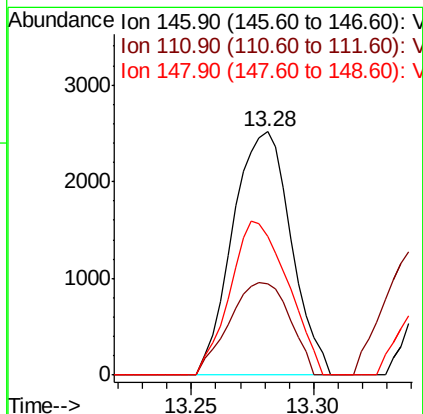
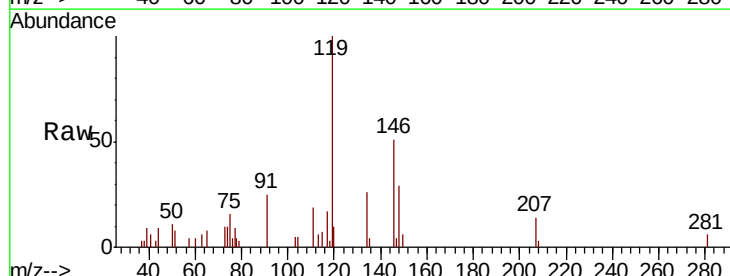
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

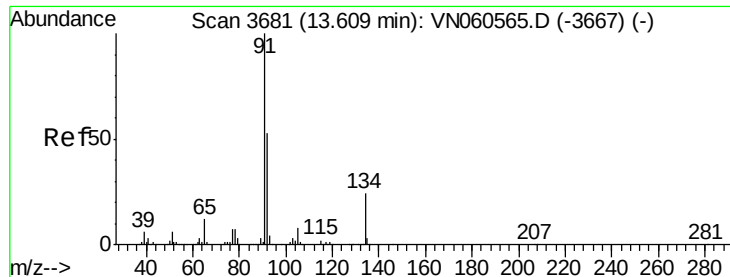
Tot Ion:146 Resp: 4176
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.3 60.8
 148 62.5 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 0.986 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.08 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

Tgt Ion:146 Resp: 4176
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.7
 148 62.5 32.1 96.3

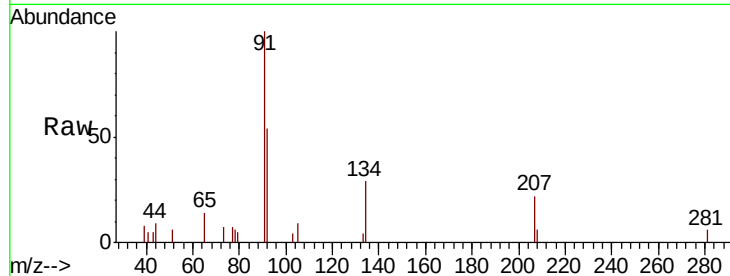




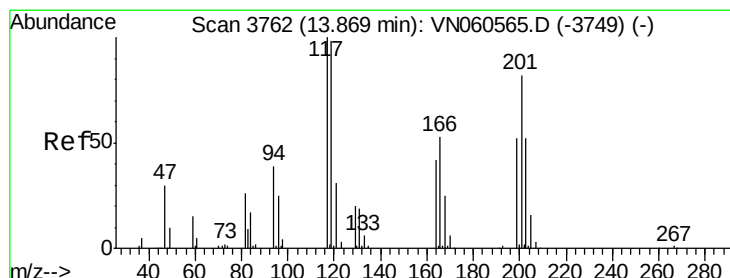
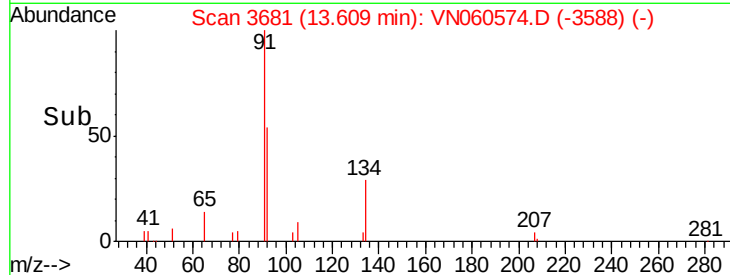
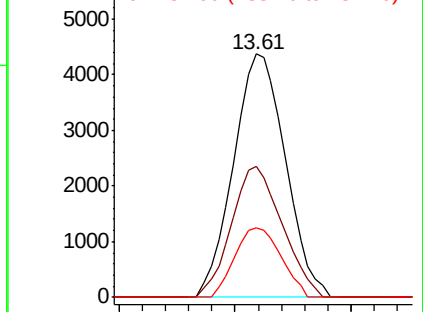
#89
n-Butylbenzene
Concen: 0.894 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

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

Tot Ion: 91 Resp: 6809
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.5
134 25.2 12.3 36.9

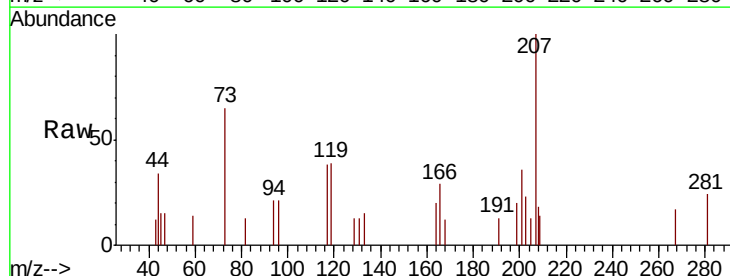


Abundance Ion 91.00 (90.70 to 91.70): VN060565.D (-3667) (-)
Ion 92.00 (91.70 to 92.70): VN060565.D (-3667) (-)
Ion 134.00 (133.70 to 134.70): VN060565.D (-3667) (-)

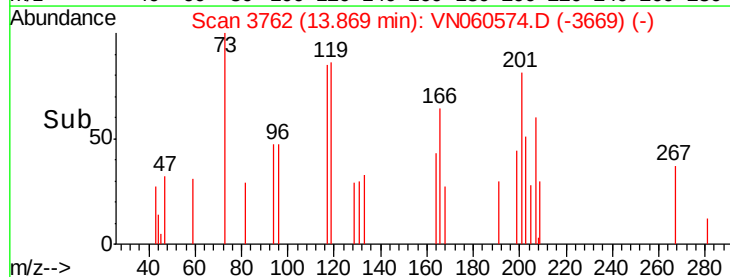
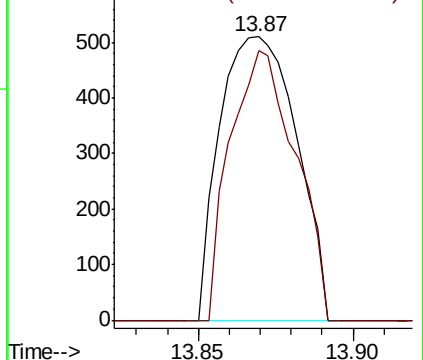


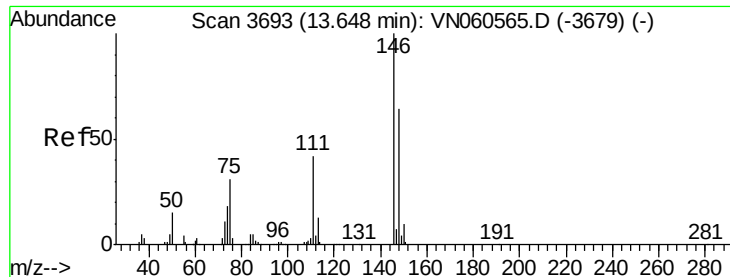
#90
Hexachloroethane
Concen: 0.720 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

Tgt Ion: 117 Resp: 883
Ion Ratio Lower Upper
117 100
201 80.7 40.8 122.5



Abundance Ion 116.80 (116.50 to 117.50): VN060565.D (-3749) (-)
Ion 200.70 (200.40 to 201.40): VN060565.D (-3749) (-)

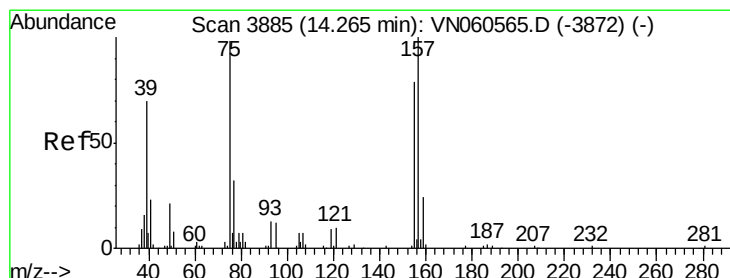
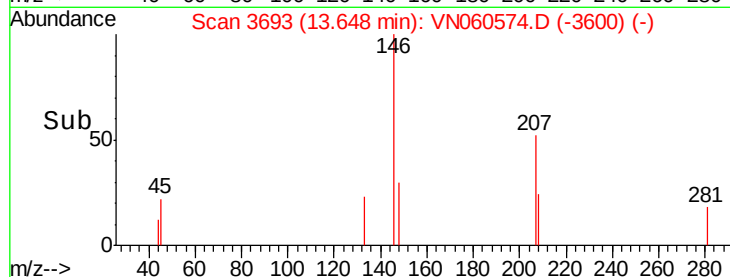
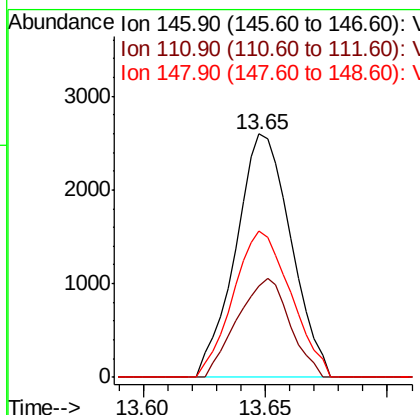
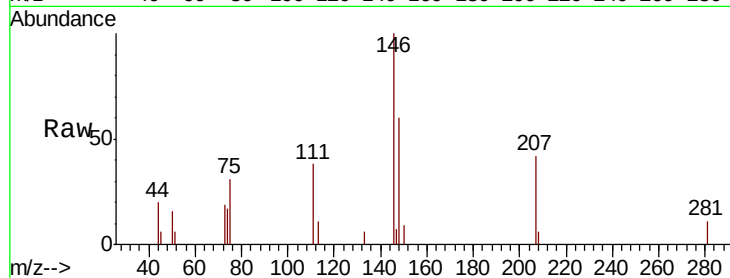




#91
 1,2-Dichlorobenzene
 Concen: 1.011 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

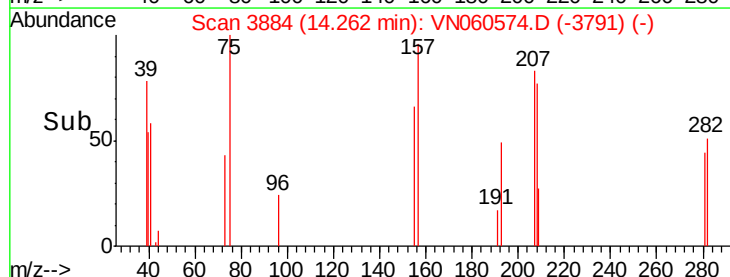
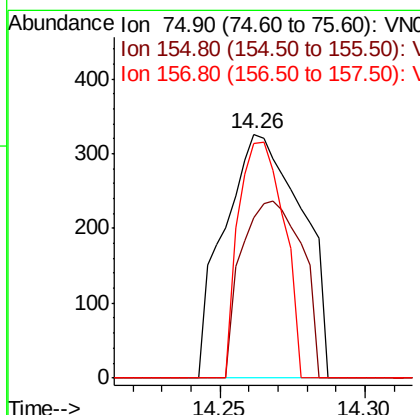
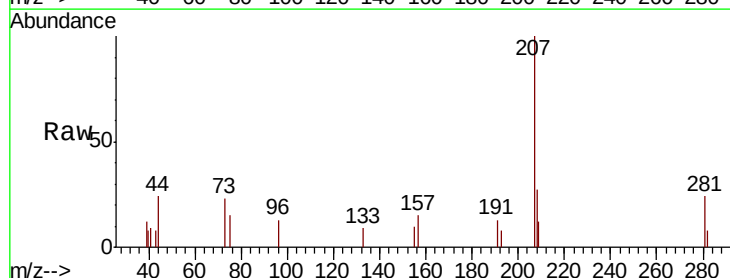
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2020

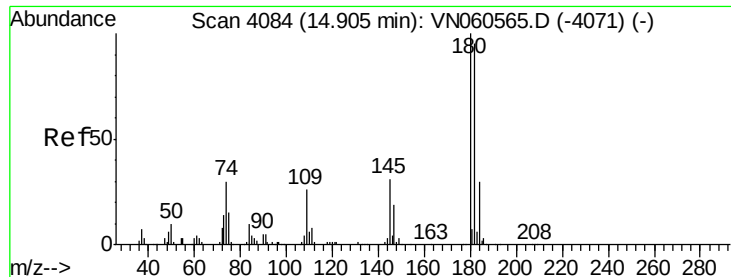
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	21.0	63.0
148	62.6	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.903 ug/l
 RT: 14.26 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	56.4	40.7	122.1
157	56.4	51.5	154.7

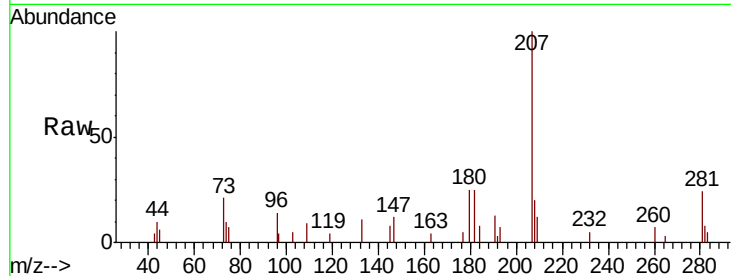




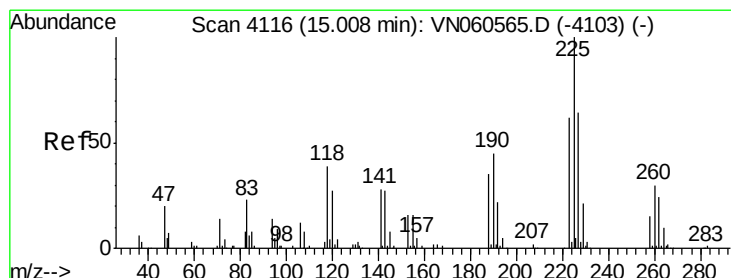
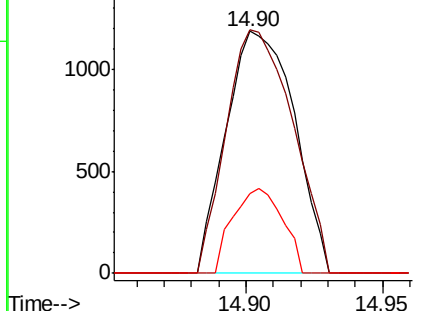
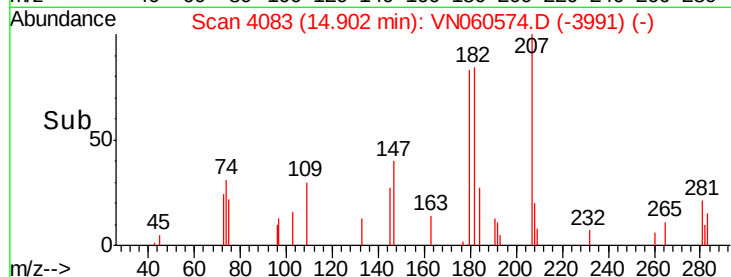
#93
 1,2,4-Trichlorobenzene
 Concen: 0.834 ug/l
 RT: 14.90 min Scan# 4083
 Delta R.T. -0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

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

Tot Ion:180 Resp: 2065
 Ion Ratio Lower Upper
 180 100
 182 98.3 47.9 143.8
 145 25.6 15.4 46.2

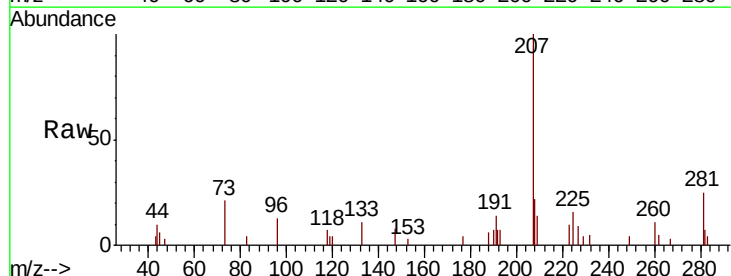


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

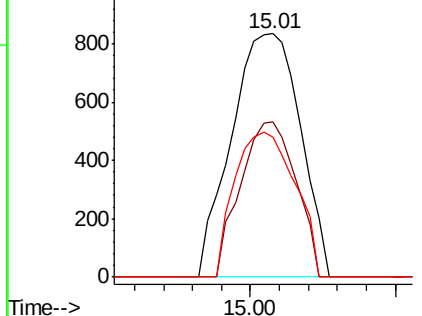
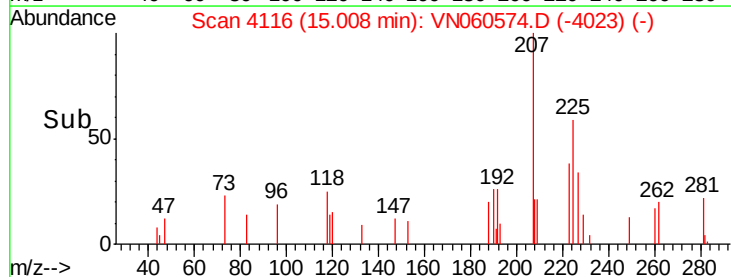


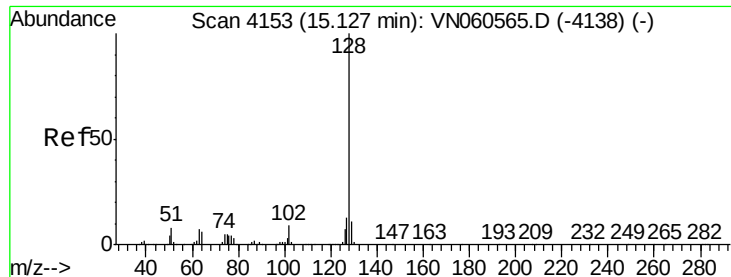
#94
 Hexachlorobutadiene
 Concen: 1.133 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060574.D
 Acq: 17 Mar 2020 23:21

Tgt Ion:225 Resp: 1375
 Ion Ratio Lower Upper
 225 100
 223 51.5 31.6 95.0
 227 52.1 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

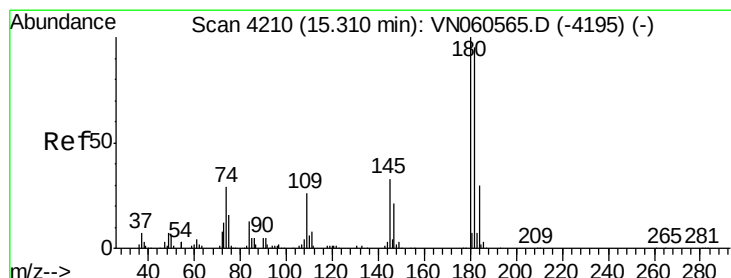
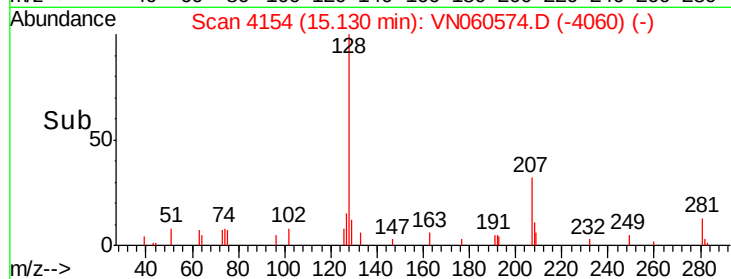
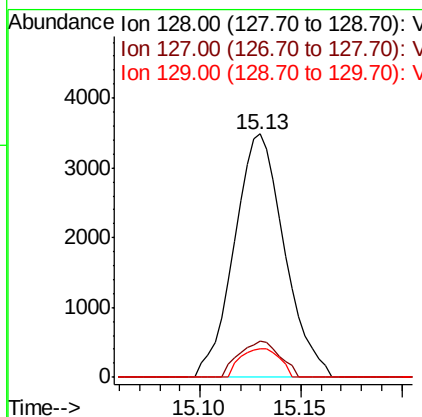
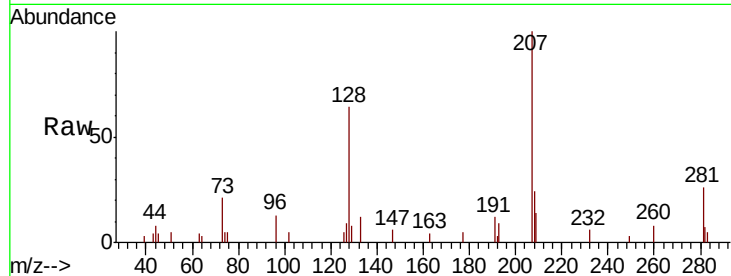




#95
Naphthalene
Concen: 0.813 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

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

Tot Ion:128 Resp: 6055
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.2
129 9.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.841 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. -0.00 min
Lab File: VN060574.D
Acq: 17 Mar 2020 23:21

Tgt Ion:180 Resp: 2051
Ion Ratio Lower Upper
180 100
182 105.3 47.5 142.6
145 33.3 16.3 48.8

