

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061552.D
 Acq On : 29 May 2020 00:23
 Operator : JC/MD
 Sample : L2182-08 1.00PPB L00
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Quant Time: May 29 02:49:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:45:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	307598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	550555	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	498059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207777	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	197760	53.96	ug/l	0.00
Spiked Amount			Recovery	=	107.92%	
35) Dibromofluoromethane	7.55	113	150821	54.00	ug/l	0.00
Spiked Amount			Recovery	=	108.00%	
50) Toluene-d8	10.06	98	613355	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	
62) 4-Bromofluorobenzene	12.38	95	205634	43.55	ug/l	0.00
Spiked Amount			Recovery	=	87.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	2061	0.641	ug/l	92
3) Chloromethane	2.03	50	3354	0.894	ug/l #	81
4) Vinyl Chloride	2.16	62	4255	0.828	ug/l	93
5) Bromomethane	2.54	94	3769	1.278	ug/l	89
6) Chloroethane	2.67	64	3133	0.947	ug/l #	81
7) Trichlorofluoromethane	2.98	101	5156	0.778	ug/l	93
8) Diethyl Ether	3.37	74	1906	0.940	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	2526	0.859	ug/l	93
10) Methyl Iodide	3.91	142	3619	0.886	ug/l #	92
11) Tert butyl alcohol	4.72	59	1306	2.679	ug/l #	72
12) 1,1-Dichloroethene	3.70	96	3025	0.962	ug/l	86
13) Acrolein	3.56	56	1474	7.887	ug/l	98
14) Allyl chloride	4.28	41	4093	0.996	ug/l #	68
15) Acrylonitrile	4.93	53	6062	4.455	ug/l #	71
16) Acetone	3.78	43	6948	5.360	ug/l	92
17) Carbon Disulfide	4.00	76	7291	1.054	ug/l	99
18) Methyl Acetate	4.27	43	2879	0.868	ug/l #	74
19) Methyl tert-butyl Ether	5.00	73	9701	0.906	ug/l #	81
20) Methylene Chloride	4.51	84	3587	0.798	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	3521	0.993	ug/l #	80
22) Diisopropyl ether	5.90	45	4953	0.547	ug/l #	52
23) Vinyl Acetate	5.85	43	29239	4.051	ug/l	97
24) 1,1-Dichloroethane	5.80	63	5226	0.910	ug/l #	81
25) 2-Butanone	6.79	43	7486	4.310	ug/l	95
26) 2,2-Dichloropropane	6.77	77	4229	0.805	ug/l #	63
27) cis-1,2-Dichloroethene	6.78	96	3913	0.975	ug/l	92
28) Bromochloromethane	7.15	49	948	0.383	ug/l #	39
29) Tetrahydrofuran	7.17	42	5192	4.533	ug/l	94
30) Chloroform	7.33	83	5447	0.857	ug/l #	74
31) Cyclohexane	7.62	56	10398	2.013	ug/l #	48
32) 1,1,1-Trichloroethane	7.53	97	4581	0.791	ug/l #	48
36) 1,1-Dichloropropene	7.75	75	4189	0.859	ug/l	96
37) Ethyl Acetate	6.89	43	3658	0.932	ug/l #	78
38) Carbon Tetrachloride	7.73	117	3232	0.687	ug/l #	82

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	5016	0.835	ug/l #	85
40) Benzene	8.00	78	12765	0.849	ug/l	98
41) Methacrylonitrile	7.13	41	1685	0.937	ug/l #	60
42) 1,2-Dichloroethane	8.09	62	4960	0.985	ug/l	83
43) Isopropyl Acetate	8.13	43	5783	0.819	ug/l #	85
44) Trichloroethene	8.80	130	3768	0.815	ug/l	95
45) 1,2-Dichloropropane	9.09	63	3048	0.854	ug/l	89
46) Dibromomethane	9.18	93	2306	0.842	ug/l #	65
47) Bromodichloromethane	9.37	83	4164	0.767	ug/l #	89
48) Methyl methacrylate	9.17	41	2690	0.847	ug/l	93
49) 1,4-Dioxane	9.17	88	973	19.766	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	15405	3.871	ug/l	97
52) Toluene	10.13	92	7831	0.798	ug/l	98
53) t-1,3-Dichloropropene	10.36	75	4235	0.725	ug/l #	82
54) cis-1,3-Dichloropropene	9.81	75	4571	0.727	ug/l	90
55) 1,1,2-Trichloroethane	10.54	97	2839	0.726	ug/l	96
56) Ethyl methacrylate	10.40	69	3676	0.673	ug/l #	88
57) 1,3-Dichloropropane	10.68	76	4945	0.791	ug/l #	88
58) 2-Chloroethyl Vinyl ether	9.67	63	8697	3.726	ug/l	99
59) 2-Hexanone	10.72	43	10489	3.670	ug/l	95
60) Dibromochloromethane	10.87	129	2995	0.674	ug/l	99
61) 1,2-Dibromoethane	10.98	107	3156	0.774	ug/l	97
64) Tetrachloroethene	10.60	164	3938	0.840	ug/l	95
65) Chlorobenzene	11.41	112	8672	0.838	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.49	131	2728	0.708	ug/l #	59
67) Ethyl Benzene	11.49	91	14706	0.822	ug/l	99
68) m/p-Xylenes	11.60	106	11463	1.616	ug/l	98
69) o-Xylene	11.92	106	5433	0.806	ug/l	92
70) Styrene	11.94	104	7635	0.684	ug/l	92
71) Bromoform	12.10	173	1656	0.557	ug/l #	87
73) Isopropylbenzene	12.22	105	14075	0.928	ug/l	99
74) N-amyl acetate	12.05	43	3371	0.706	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	3864	0.909	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	5558	1.471	ug/l #	100
77) Bromobenzene	12.50	156	3392	0.876	ug/l	80
78) n-propylbenzene	12.57	91	15271	0.902	ug/l	96
79) 2-Chlorotoluene	12.65	91	9813	0.972	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	11256	0.888	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.37	75	103025	69.732	ug/l #	15
82) 4-Chlorotoluene	12.75	91	10096	0.951	ug/l	95
83) tert-Butylbenzene	12.97	119	10010	0.894	ug/l	93
84) 1,2,4-Trimethylbenzene	13.01	105	10752	0.854	ug/l	98
85) sec-Butylbenzene	13.15	105	13061	0.905	ug/l	94
86) p-Isopropyltoluene	13.26	119	10826	0.815	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	6106	0.891	ug/l	98
88) 1,4-Dichlorobenzene	13.26	146	6106	0.874	ug/l	98
89) n-Butylbenzene	13.59	91	9075	0.815	ug/l	98
90) Hexachloroethane	13.85	117	1028	0.699	ug/l	71
91) 1,2-Dichlorobenzene	13.63	146	6019	0.919	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	650	0.750	ug/l	84

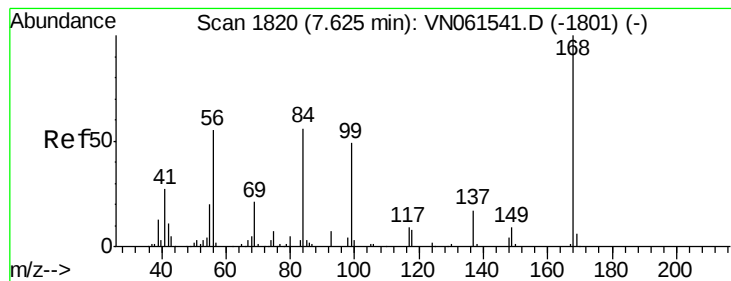
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	2817	0.735	ug/l	89
94) Hexachlorobutadiene	14.99	225	1344	0.823	ug/l	90
95) Naphthalene	15.11	128	9324	0.800	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	3176	0.843	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

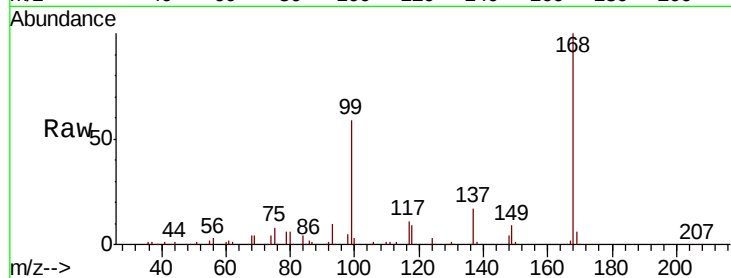
LOQ-WATER-02-QT2-2020

Tot Ion:168 Resp: 307598

Ion Ratio Lower Upper

168 100

99 59.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

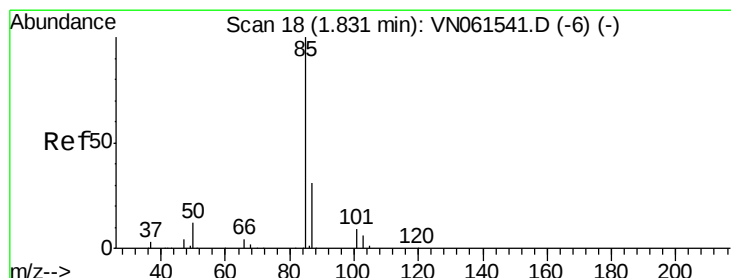
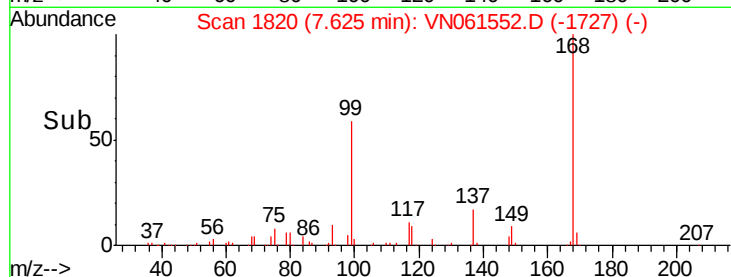
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.641 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061552.D

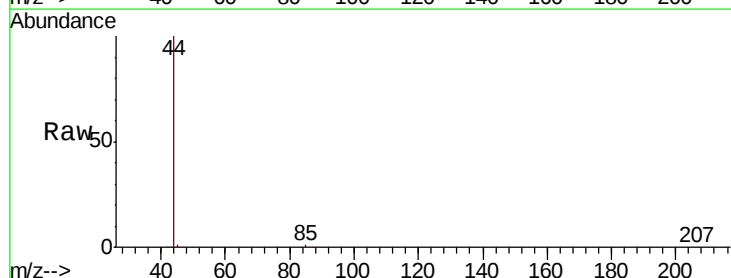
Acq: 29 May 2020 00:23

Tgt Ion: 85 Resp: 2061

Ion Ratio Lower Upper

85 100

87 35.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

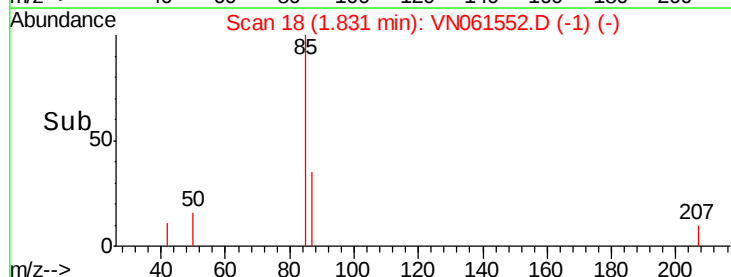
1500

1000

500

0

Time-->





#3

Chloromethane

Concen: 0.894 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

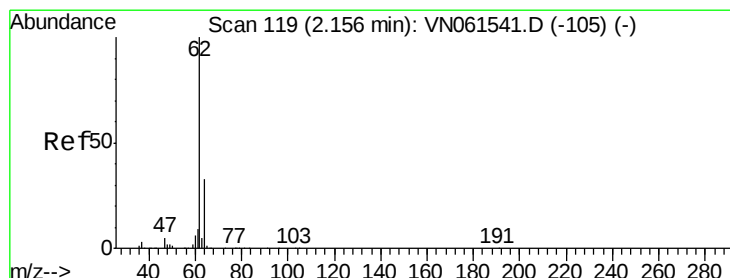
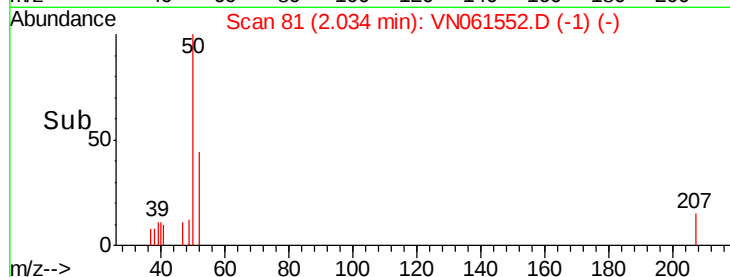
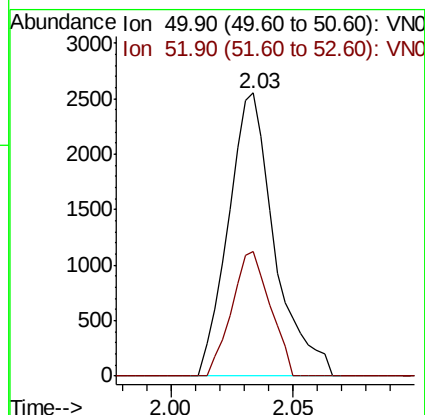
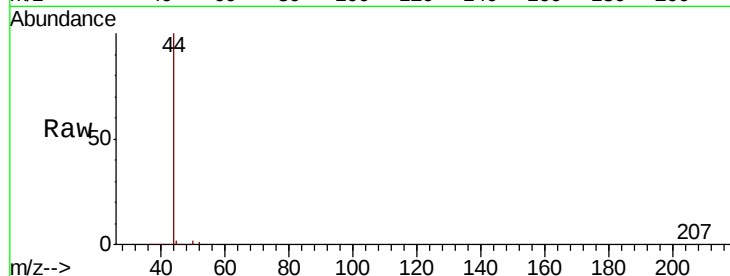
LOQ-WATER-02-QT2-2020

Tot Ion: 50 Resp: 3354

Ion Ratio Lower Upper

50 100

52 44.1 26.7 40.1#



#4

Vinyl Chloride

Concen: 0.828 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061552.D

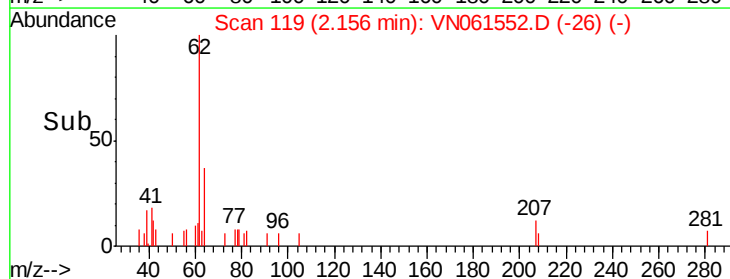
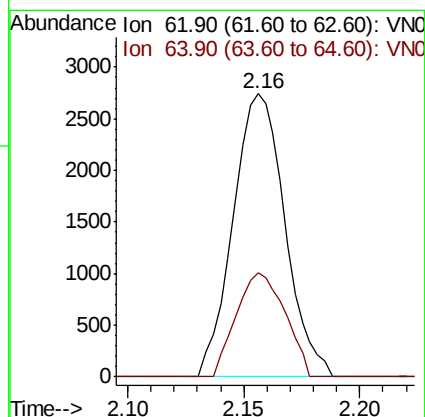
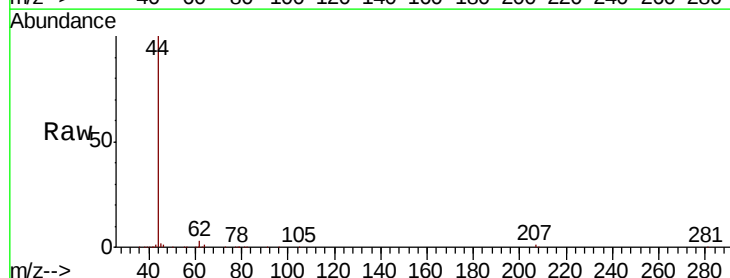
Acq: 29 May 2020 00:23

Tgt Ion: 62 Resp: 4255

Ion Ratio Lower Upper

62 100

64 36.8 26.2 39.2





#5

Bromomethane

Concen: 1.278 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

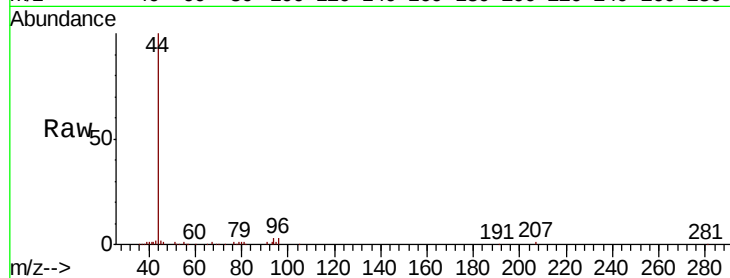
LOQ-WATER-02-QT2-2020

Tot Ion: 94 Resp: 3769

Ion Ratio Lower Upper

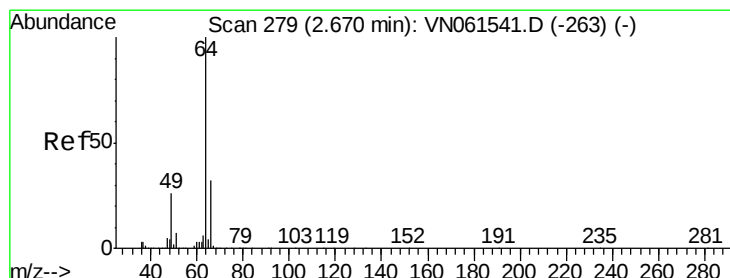
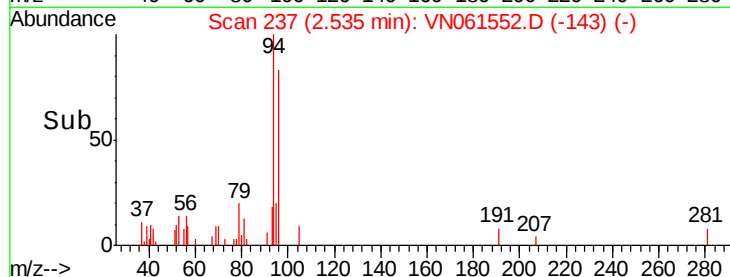
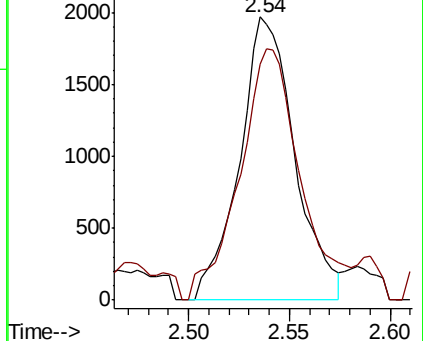
94 100

96 83.2 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN061541.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN061541.D (-218) (-)



#6

Chloroethane

Concen: 0.947 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061552.D

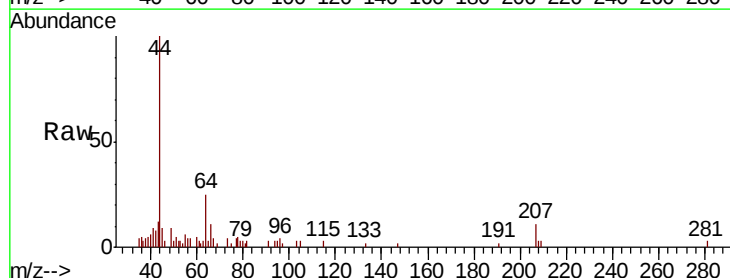
Acq: 29 May 2020 00:23

Tgt Ion: 64 Resp: 3133

Ion Ratio Lower Upper

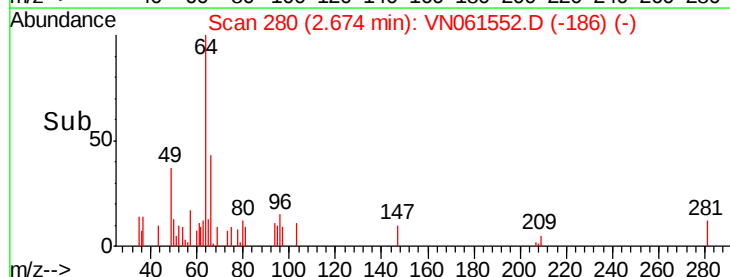
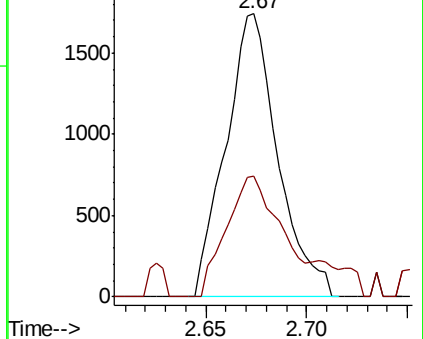
64 100

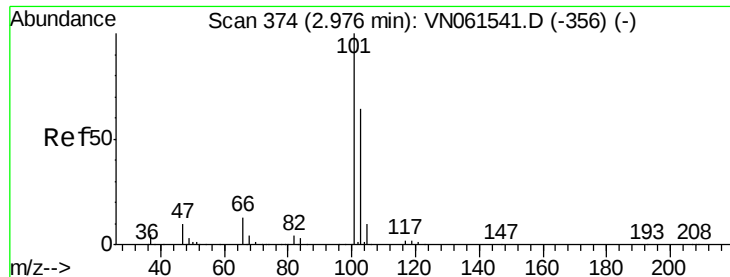
66 42.6 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VN061541.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN061541.D (-263) (-)



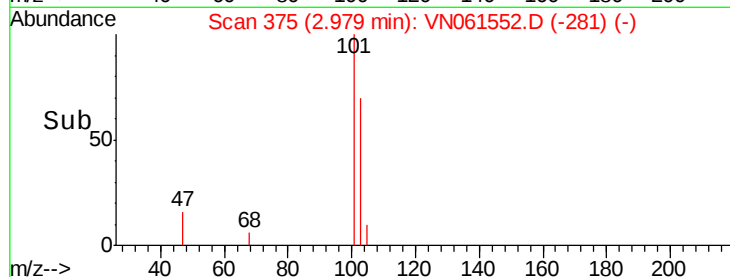
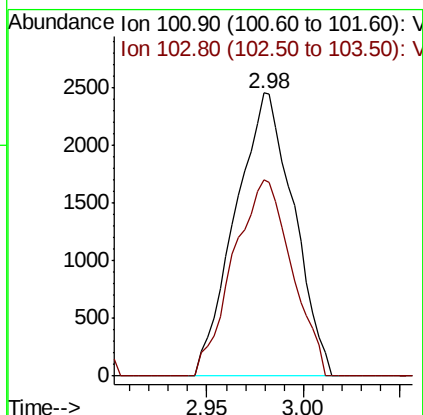
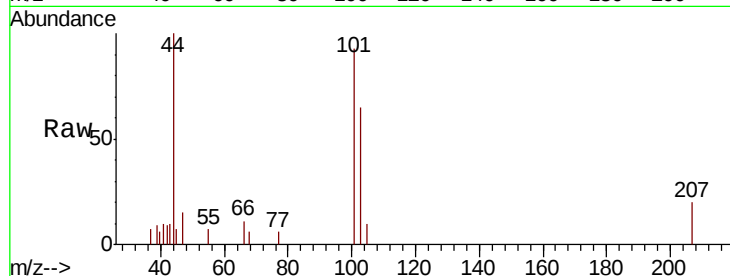


#7

Trichlorofluoromethane
 Concen: 0.778 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

Instrument :
 MSVOA_N
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 LOQ-WATER-02-QT2-2020

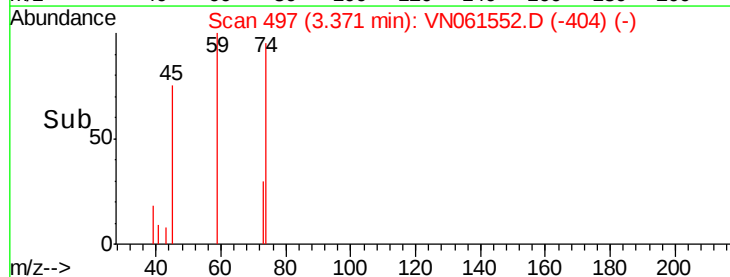
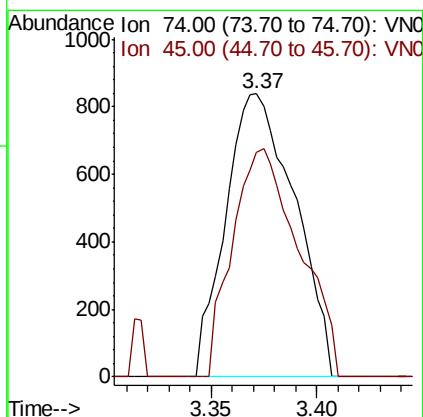
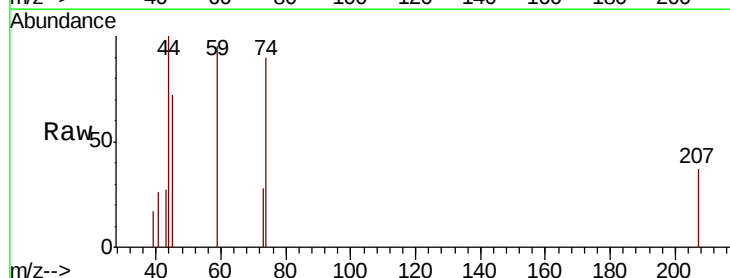
Tot Ion:101 Resp: 5156
 Ion Ratio Lower Upper
 101 100
 103 69.6 51.4 77.2

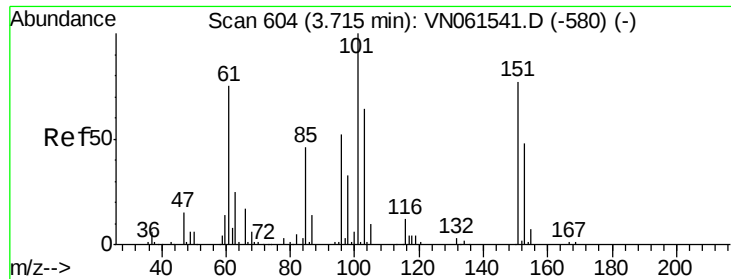


#8

Diethyl Ether
 Concen: 0.940 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

Tgt Ion: 74 Resp: 1906
 Ion Ratio Lower Upper
 74 100
 45 77.5 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.859 ug/l

RT: 3.73 min Scan# 607

Delta R.T. 0.01 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

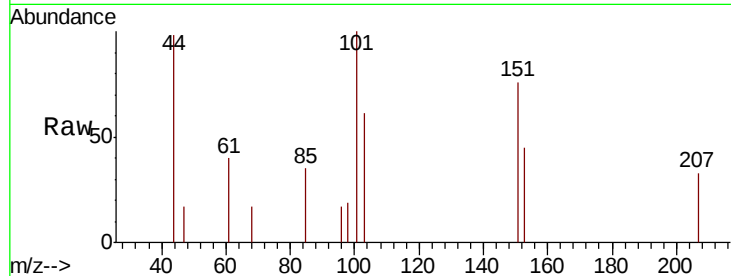
Tot Ion:101 Resp: 2526

Ion Ratio Lower Upper

101 100

85 38.2 35.2 52.8

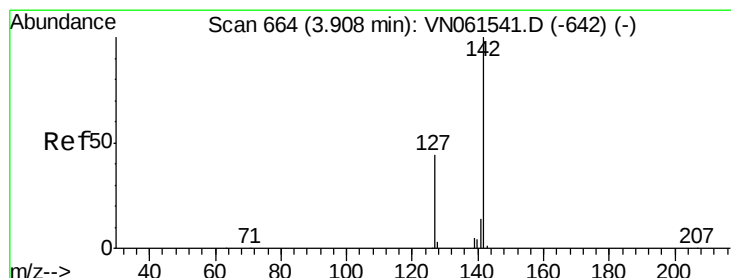
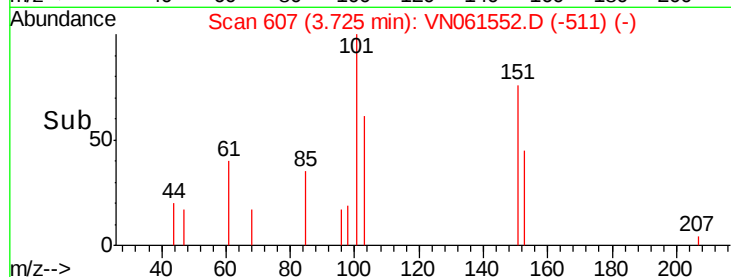
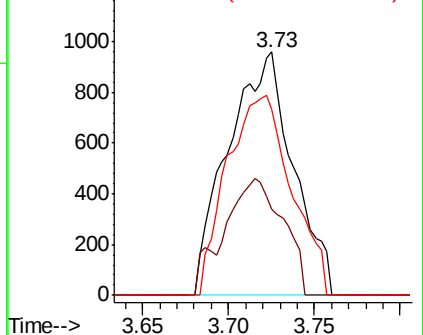
151 81.3 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.886 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

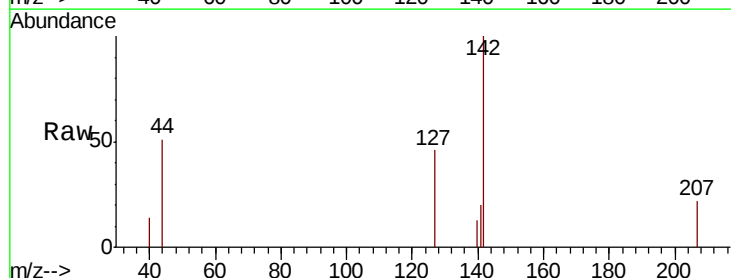
Tgt Ion:142 Resp: 3619

Ion Ratio Lower Upper

142 100

127 40.1 35.5 53.3

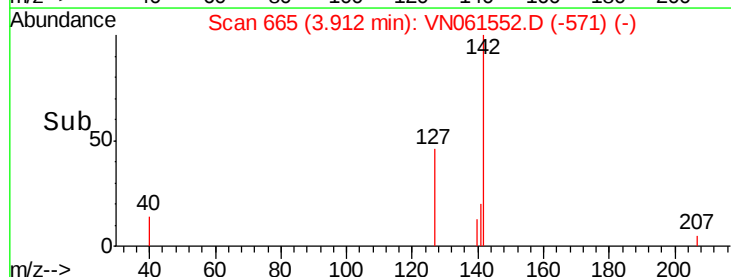
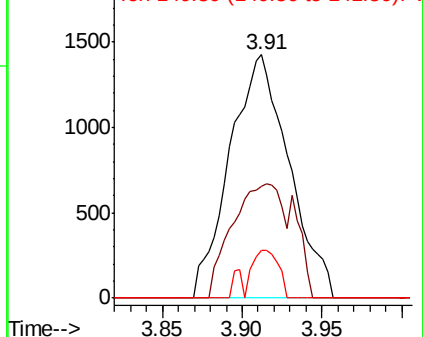
141 8.5 11.5 17.3#



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



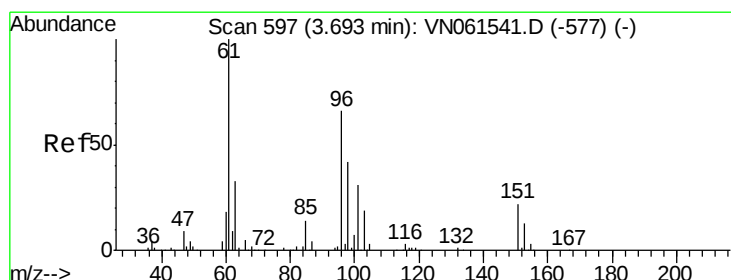
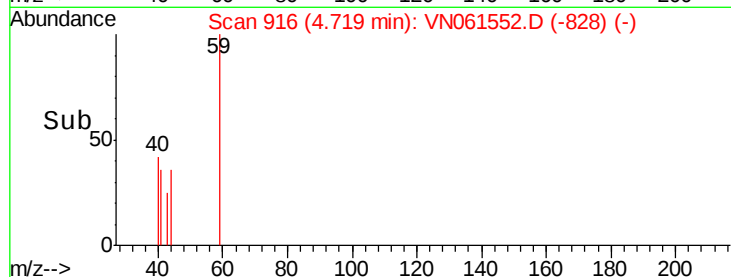
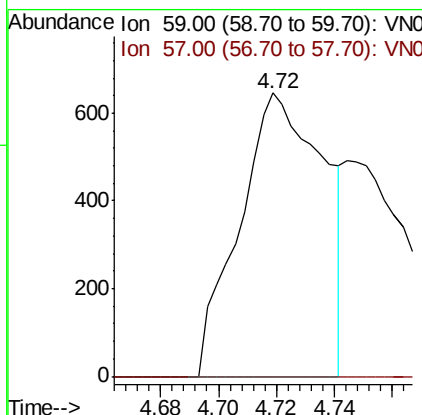
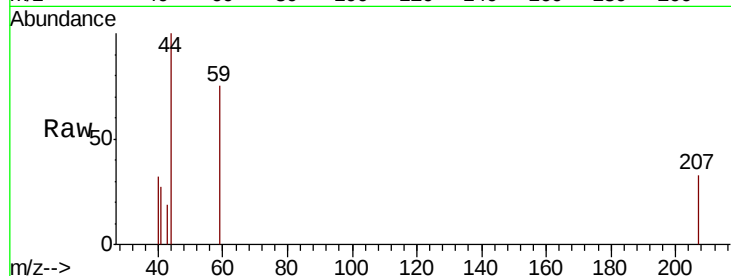


#11

Tert butyl alcohol
 Concen: 2.679 ug/l
 RT: 4.72 min Scan# 916
 Delta R.T. -0.02 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

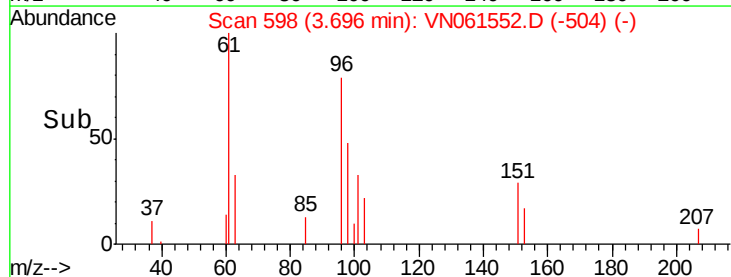
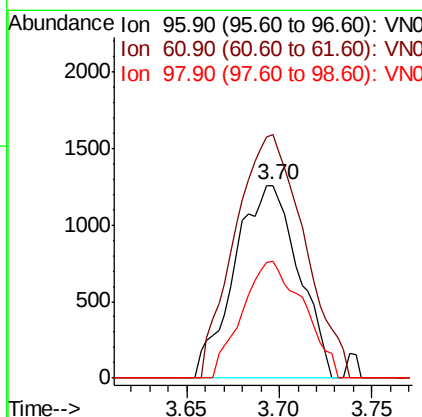
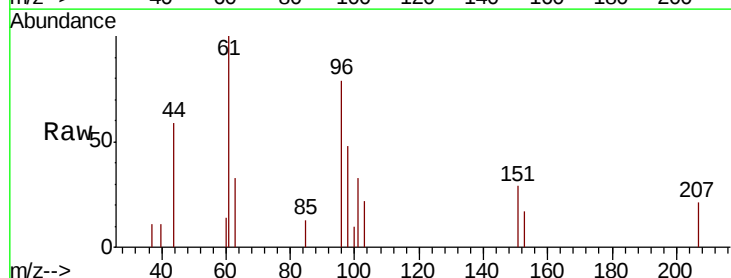
Tot Ion: 59 Resp: 1306
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#



#12

1,1-Dichloroethene
 Concen: 0.962 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

Tgt Ion: 96 Resp: 3025
 Ion Ratio Lower Upper
 96 100
 61 126.4 120.5 180.7
 98 60.9 50.8 76.2





#13

Acrolein

Concen: 7.887 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

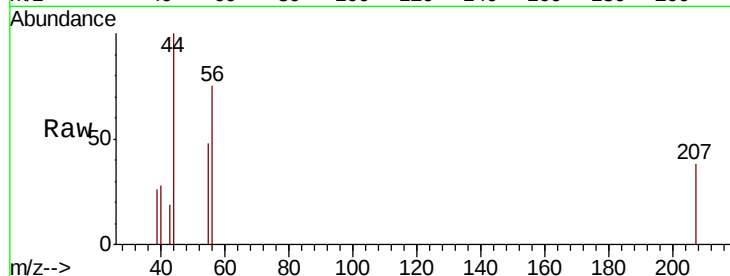
LOQ-WATER-02-QT2-2020

Tot Ion: 56 Resp: 1474

Ion Ratio Lower Upper

56 100

55 70.8 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061552.D (-464) (-)

Ion 55.00 (54.70 to 55.70): VN061552.D (-464) (-)

3.56

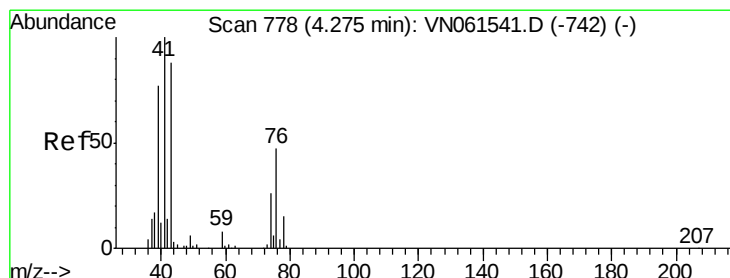
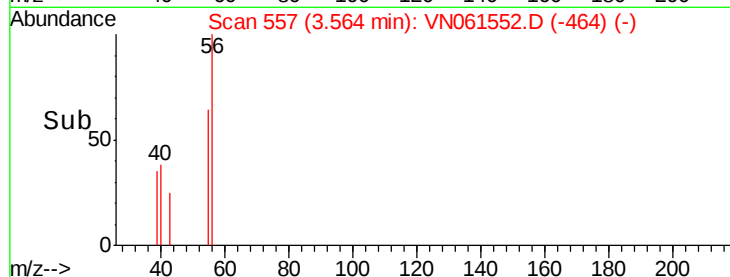
600

400

200

0

Time--> 3.50 3.55 3.60



#14

Allyl chloride

Concen: 0.996 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.01 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

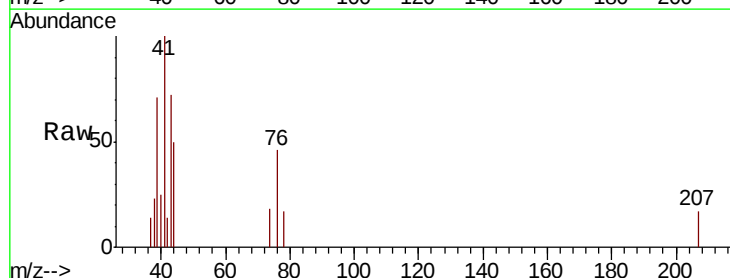
Tgt Ion: 41 Resp: 4093

Ion Ratio Lower Upper

41 100

39 33.4 58.6 88.0#

76 38.5 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061552.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061552.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061552.D (-685) (-)

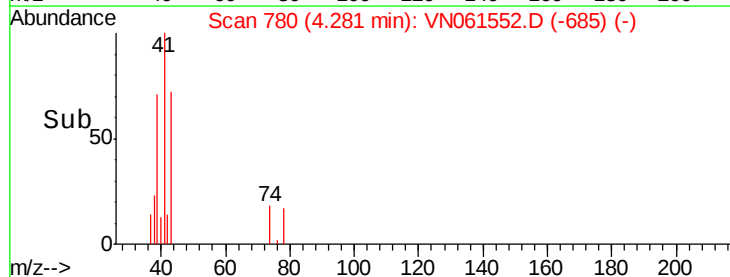
1500

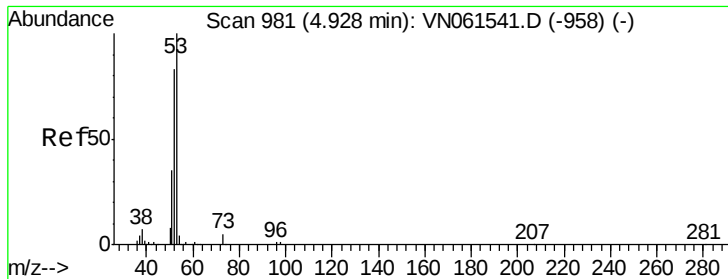
1000

500

0

Time--> 4.20 4.25 4.30 4.35





#15

Acrylonitrile

Concen: 4.455 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.01 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

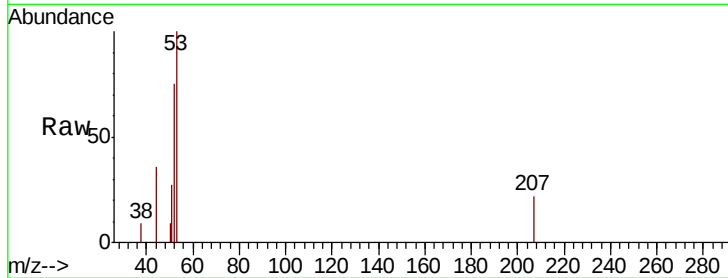
Tot Ion: 53 Resp: 6062

Ion Ratio Lower Upper

53 100

52 51.6 65.4 98.2#

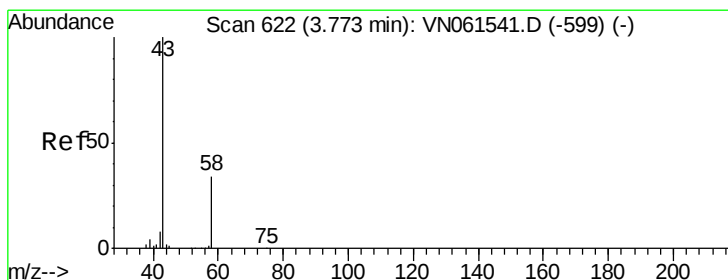
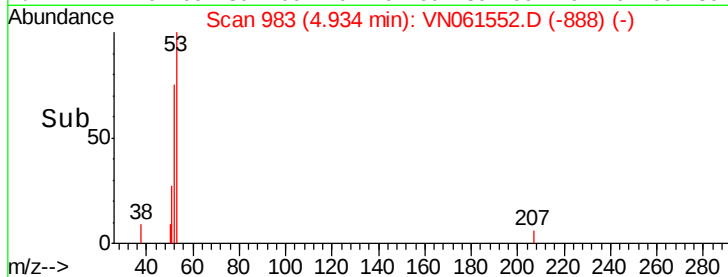
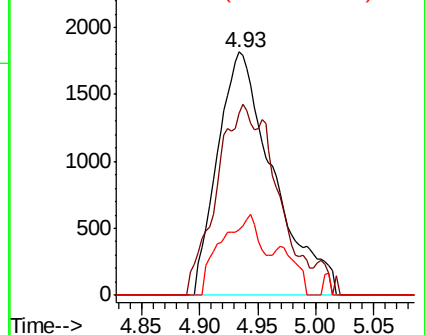
51 24.8 29.0 43.6#



Abundance Ion 53.00 (52.70 to 53.70): VN061552.D (-888) (-)

Ion 52.00 (51.70 to 52.70): VN061552.D (-888) (-)

Ion 51.00 (50.70 to 51.70): VN061552.D (-888) (-)



#16

Acetone

Concen: 5.360 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061552.D

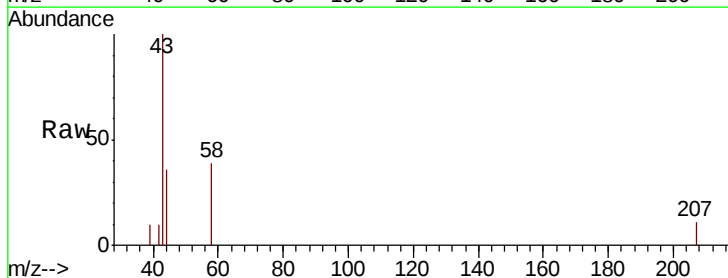
Acq: 29 May 2020 00:23

Tgt Ion: 43 Resp: 6948

Ion Ratio Lower Upper

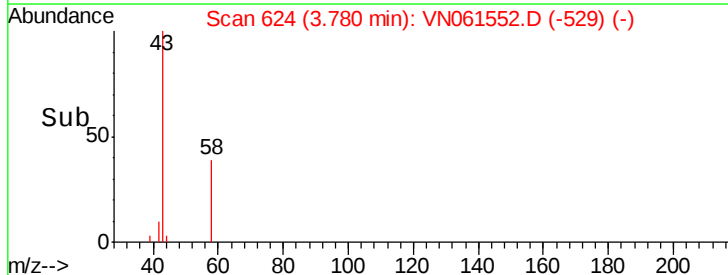
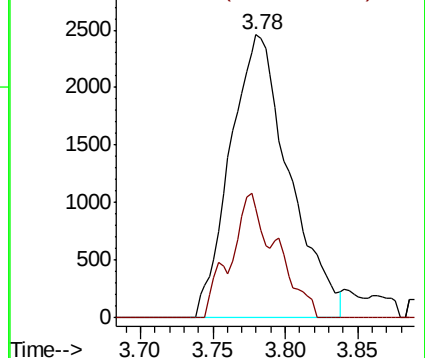
43 100

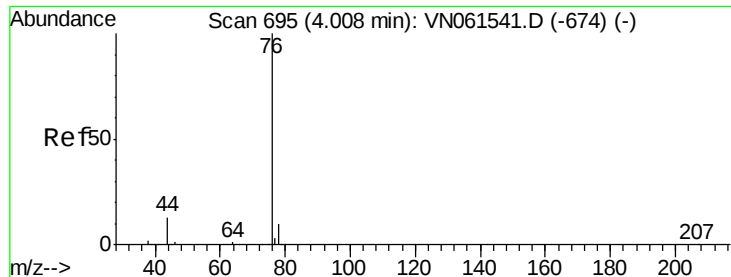
58 38.6 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN061552.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061552.D (-529) (-)





#17

Carbon Disulfide

Concen: 1.054 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

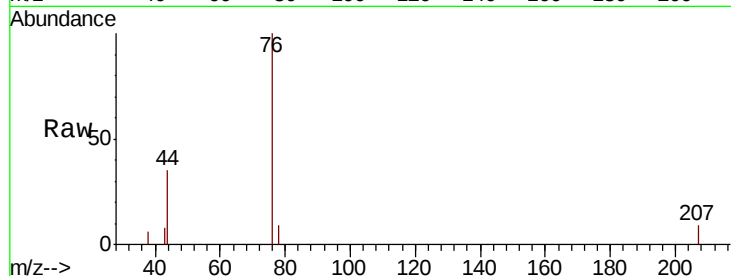
LOQ-WATER-02-QT2-2020

Tot Ion: 76 Resp: 7291

Ion Ratio Lower Upper

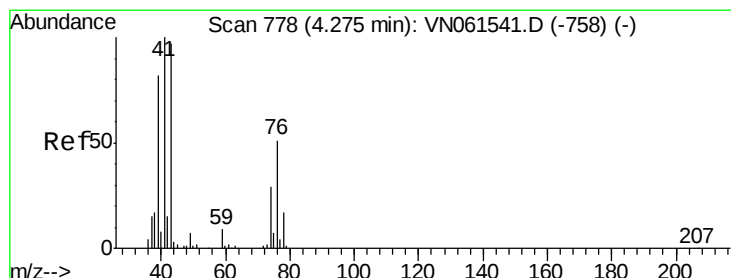
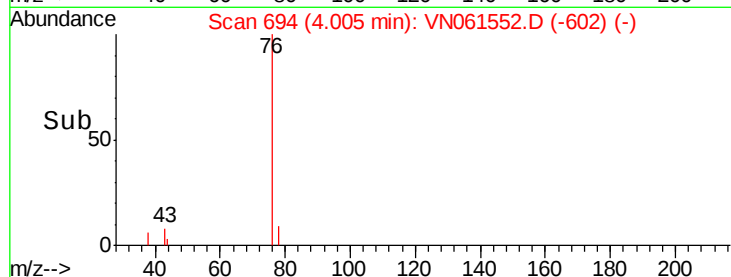
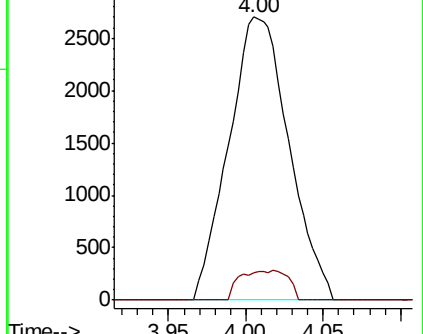
76 100

78 9.5 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VN061541.D (-674) (-)

Ion 77.90 (77.60 to 78.60): VN061541.D (-674) (-)



#18

Methyl Acetate

Concen: 0.868 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061552.D

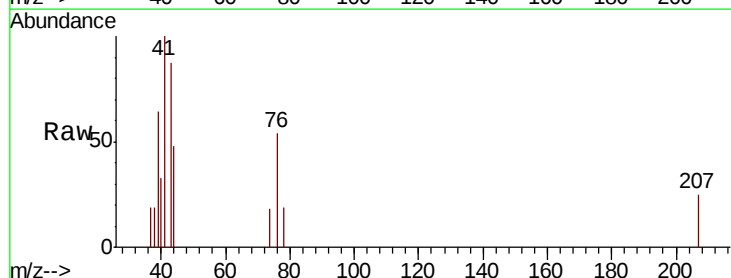
Acq: 29 May 2020 00:23

Tgt Ion: 43 Resp: 2879

Ion Ratio Lower Upper

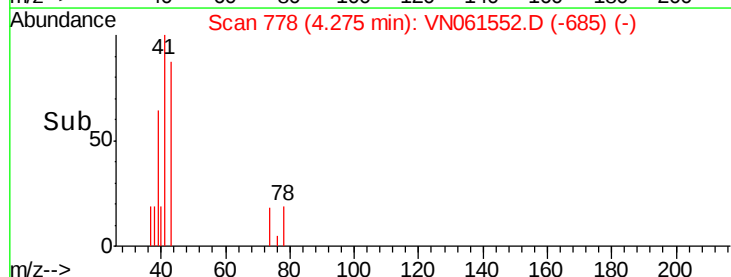
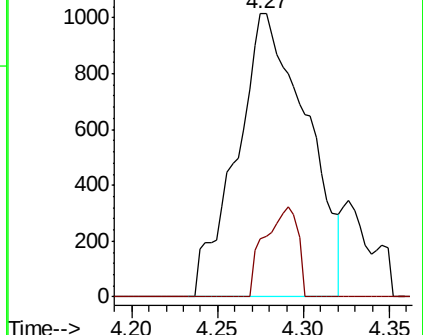
43 100

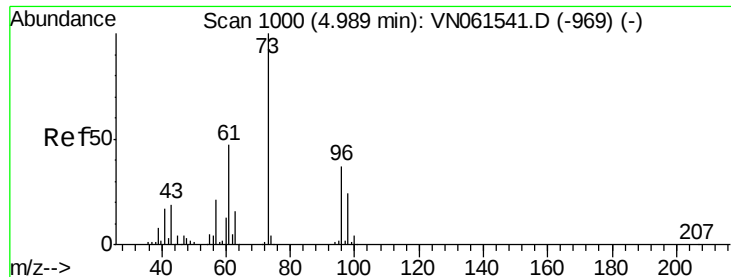
74 14.9 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-758) (-)

Ion 74.00 (73.70 to 74.70): VN061541.D (-758) (-)

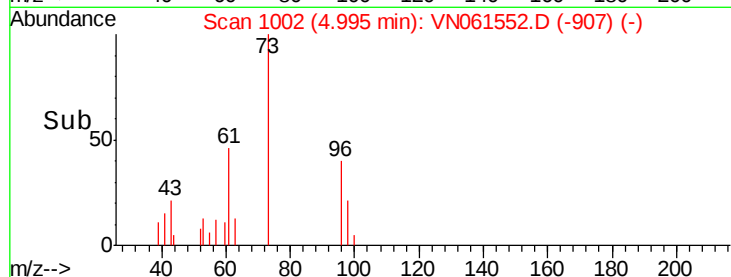
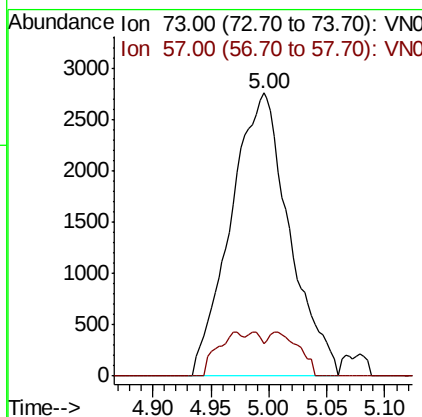
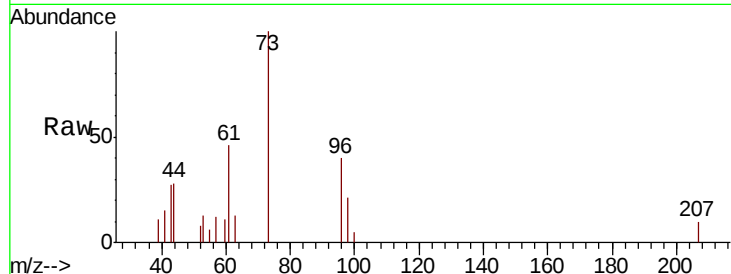




#19
Methvl tert-butvl Ether
Concen: 0.906 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

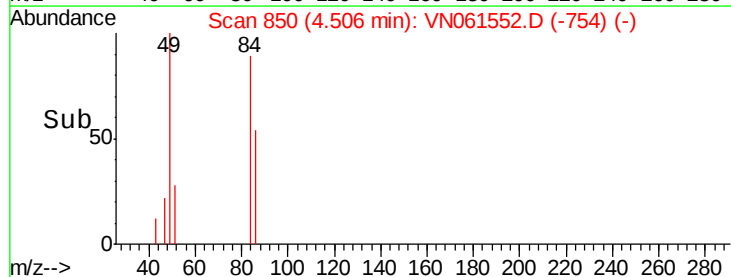
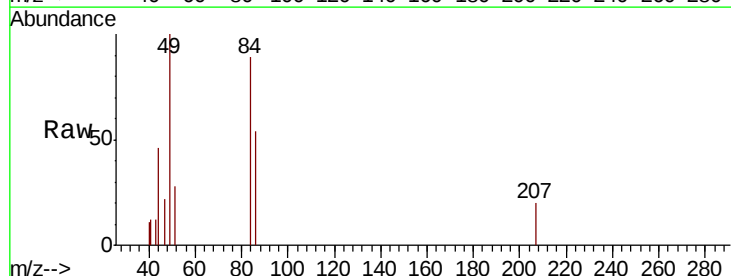
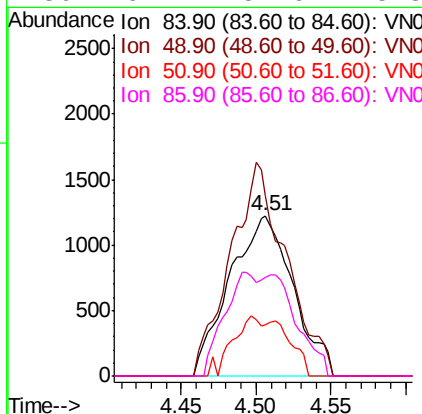
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2020

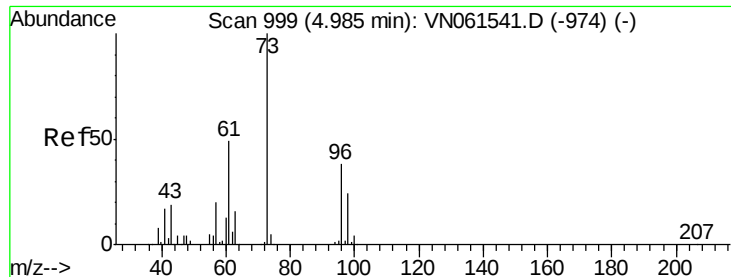
Tot Ion: 73 Resp: 9701
Ion Ratio Lower Upper
73 100
57 11.6 16.4 24.6#



#20
Methylene Chloride
Concen: 0.798 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

Tgt Ion: 84 Resp: 3587
Ion Ratio Lower Upper
84 100
49 112.8 85.8 128.8
51 31.9 26.2 39.2
86 61.4 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 0.993 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

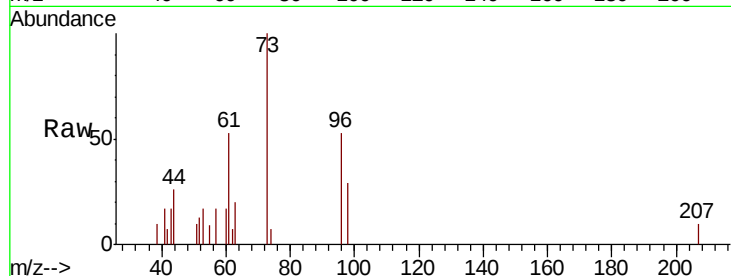
Tot Ion: 96 Resp: 3521

Ion Ratio Lower Upper

96 100

61 98.5 101.4 152.0#

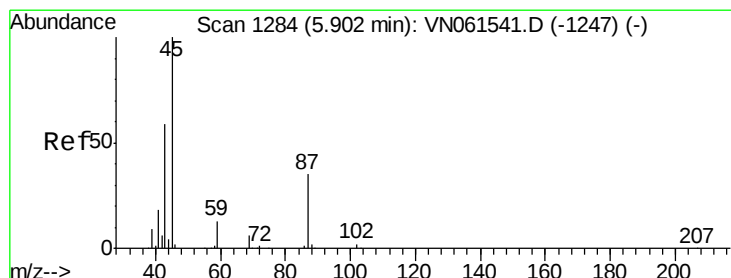
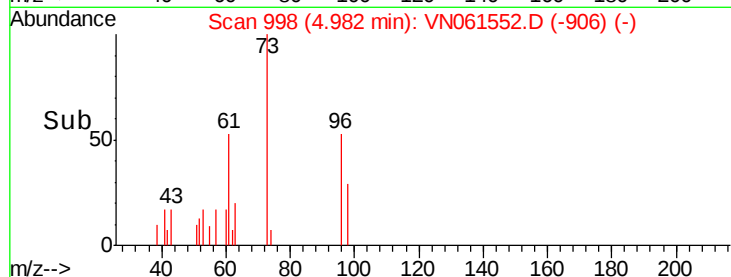
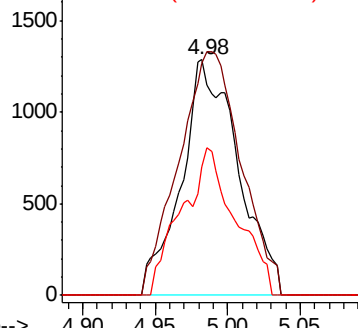
98 54.4 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061552.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061552.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061552.D (-906) (-)



#22

Diisopropyl ether

Concen: 0.547 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Tgt Ion: 45 Resp: 4953

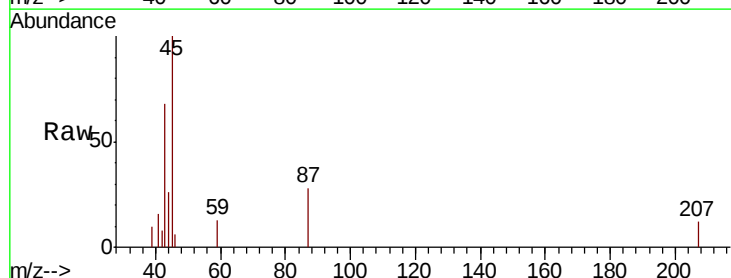
Ion Ratio Lower Upper

45 100

43 0.2 47.9 71.9#

87 28.4 28.4 42.6

59 13.2 10.5 15.7

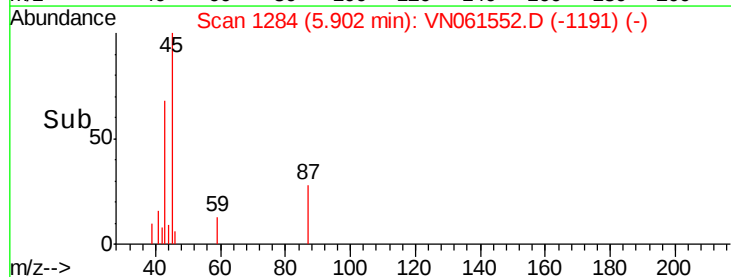
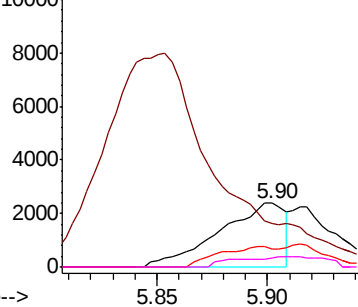


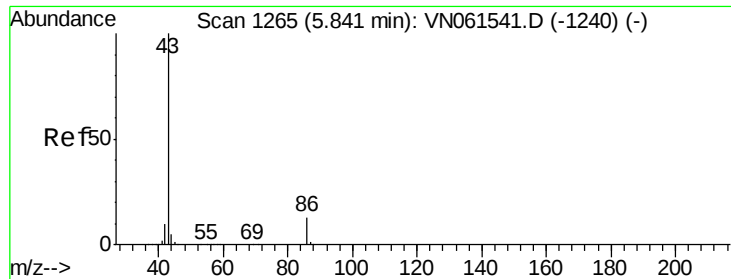
Abundance Ion 45.00 (44.70 to 45.70): VN061552.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061552.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061552.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061552.D (-1191) (-)





#23

Vinyl Acetate

Concen: 4.051 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

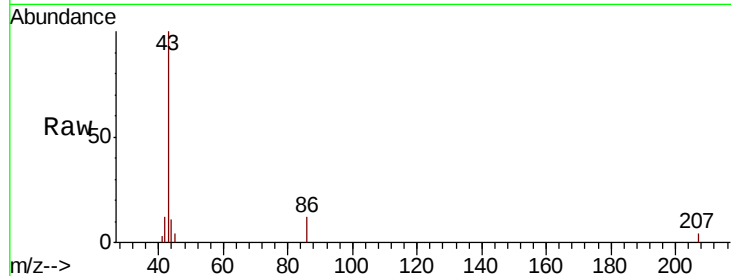
LOQ-WATER-02-QT2-2020

Tot Ion: 43 Resp: 29239

Ion Ratio Lower Upper

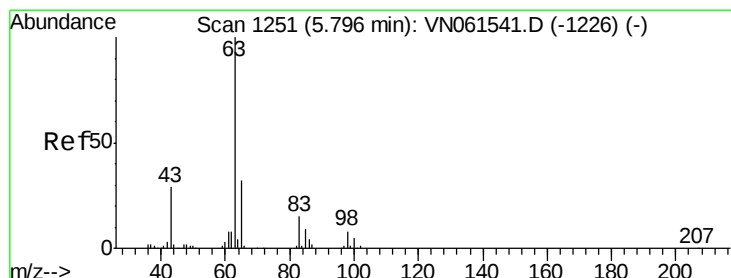
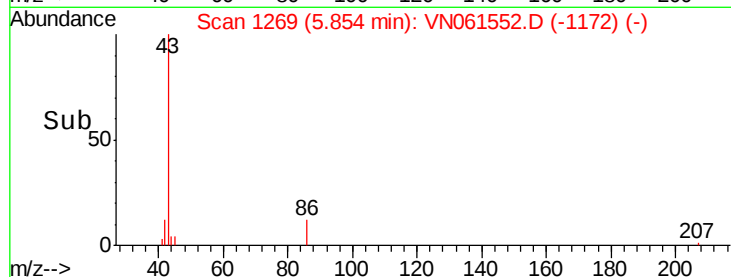
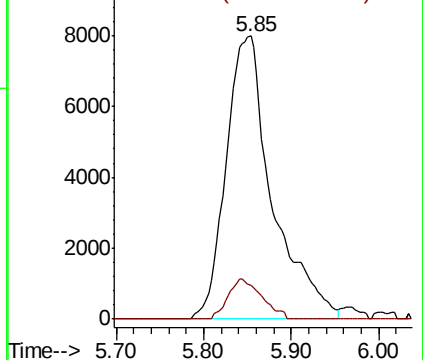
43 100

86 12.0 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 0.910 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

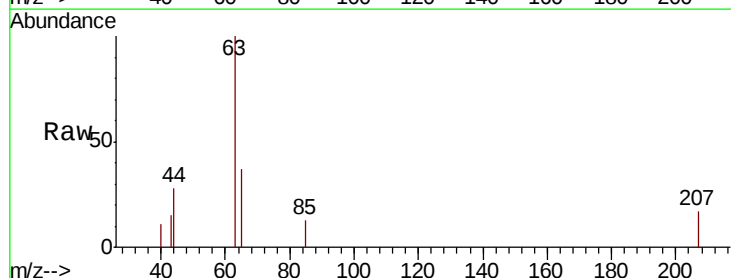
Tgt Ion: 63 Resp: 5226

Ion Ratio Lower Upper

63 100

98 0.0 3.8 11.4#

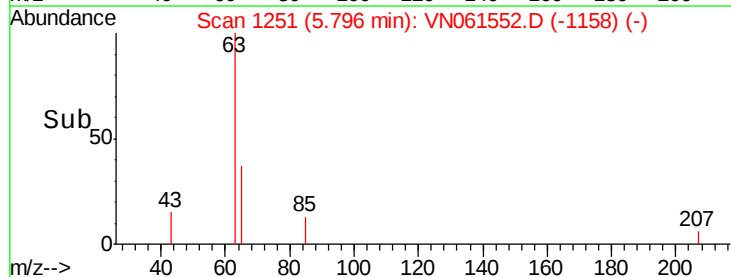
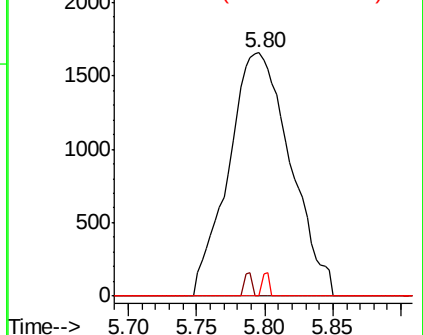
100 0.0 2.5 7.6#

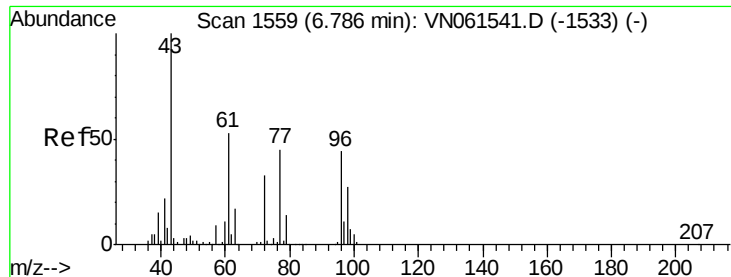


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

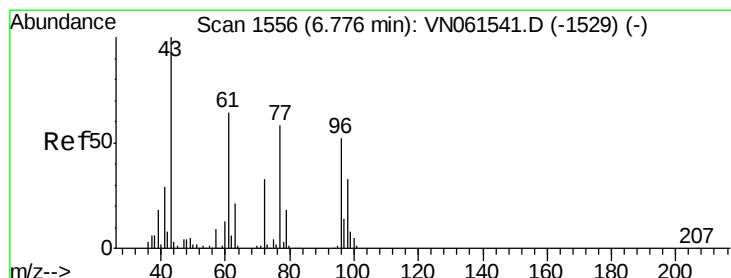
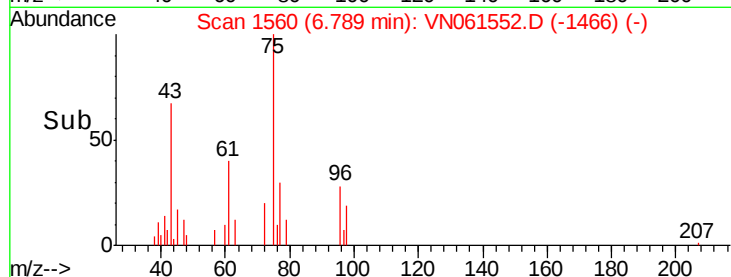
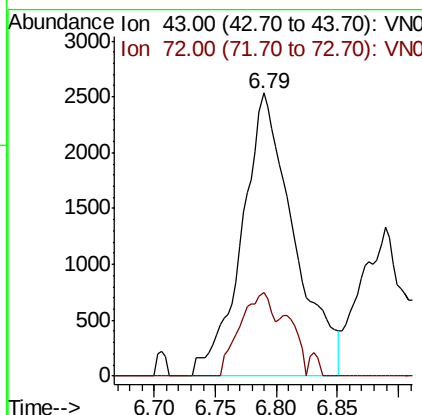
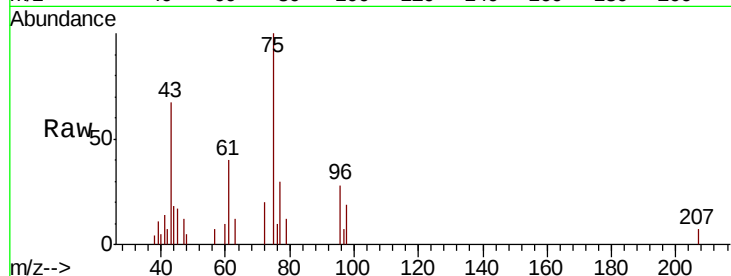




#25
 2-Butanone
 Concen: 4.310 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

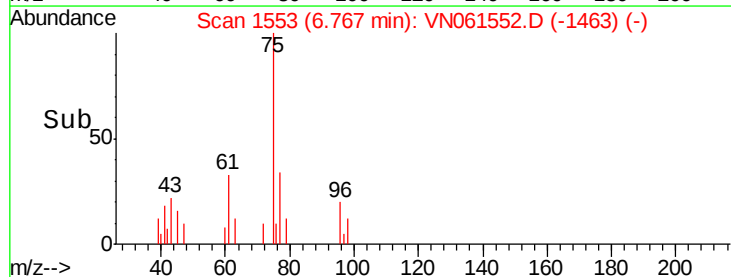
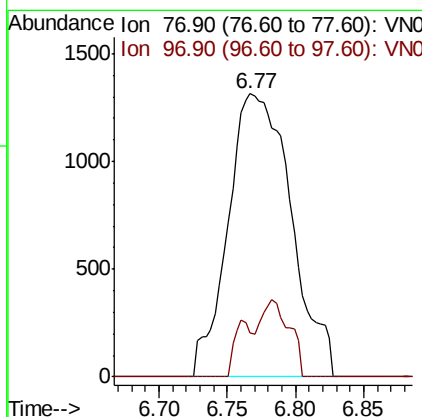
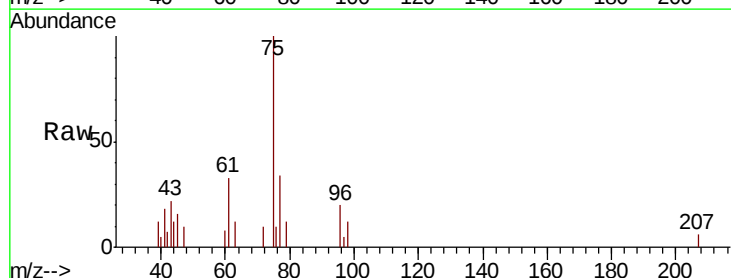
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion: 43 Resp: 7486
 Ion Ratio Lower Upper
 43 100
 72 29.6 26.0 39.0



#26
 2,2-Dichloropropane
 Concen: 0.805 ug/l
 RT: 6.77 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

Tgt Ion: 77 Resp: 4229
 Ion Ratio Lower Upper
 77 100
 97 5.9 12.0 36.0#





#27

cis-1,2-Dichloroethene

Concen: 0.975 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

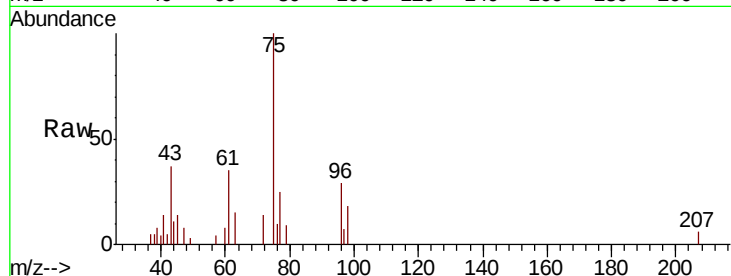
Tot Ion: 96 Resp: 3913

Ion Ratio Lower Upper

96 100

61 118.9 0.0 252.2

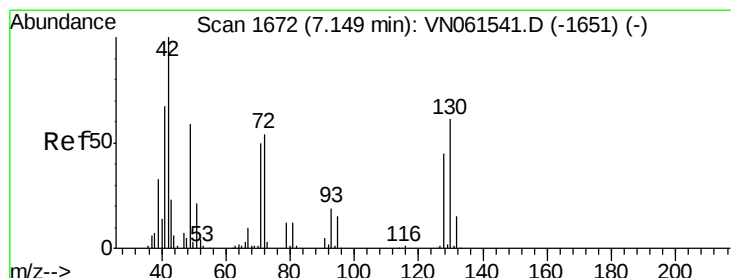
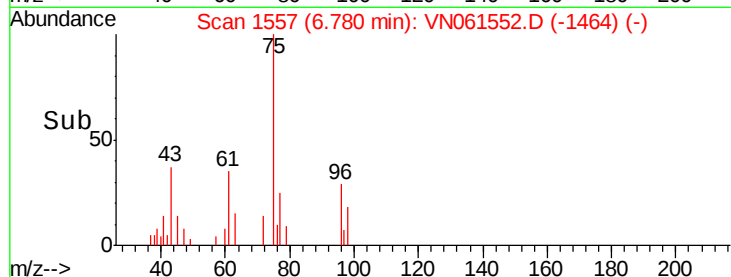
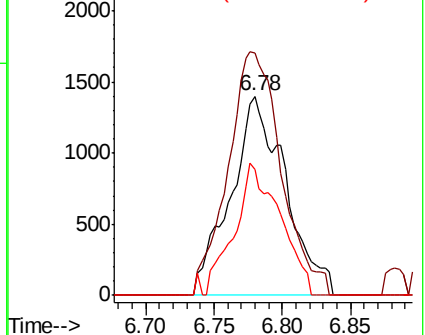
98 55.5 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN061552.D (-1464) (-)

Ion 60.90 (60.60 to 61.60): VN061552.D (-1464) (-)

Ion 97.90 (97.60 to 98.60): VN061552.D (-1464) (-)



#28

Bromochloromethane

Concen: 0.383 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

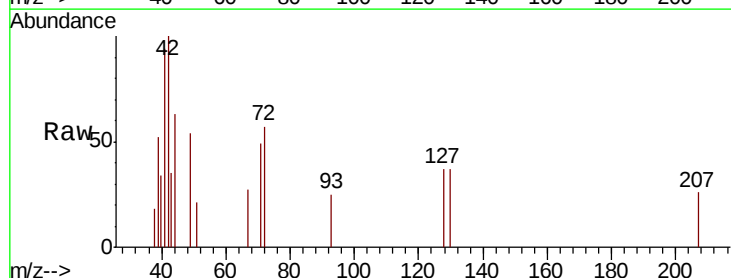
Tgt Ion: 49 Resp: 948

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

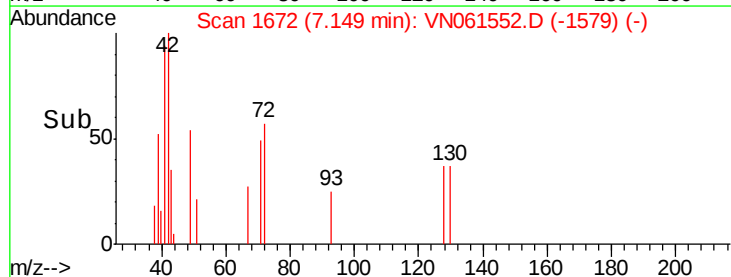
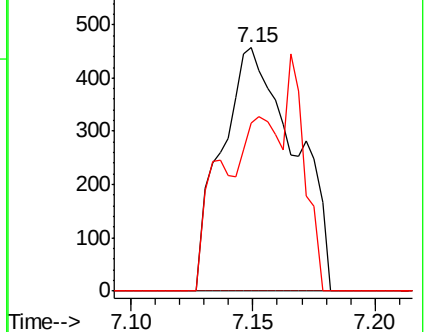
130 36.3 78.8 118.2#

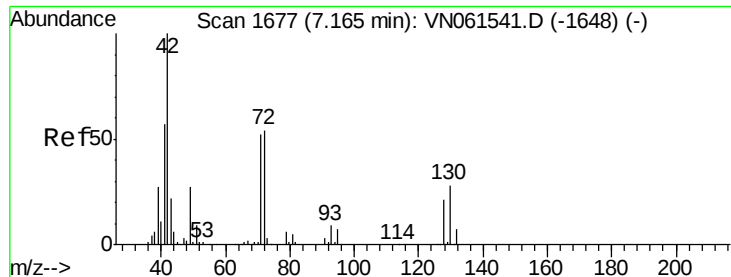


Abundance Ion 48.90 (48.60 to 49.60): VN061552.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN061552.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN061552.D (-1579) (-)

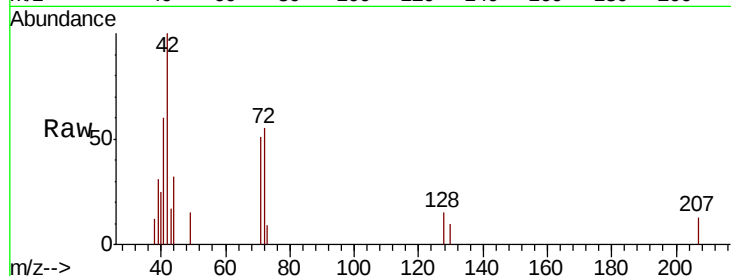




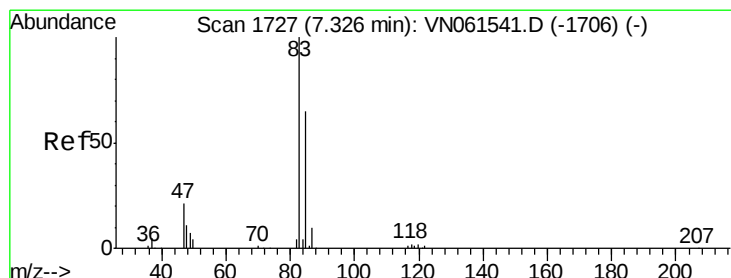
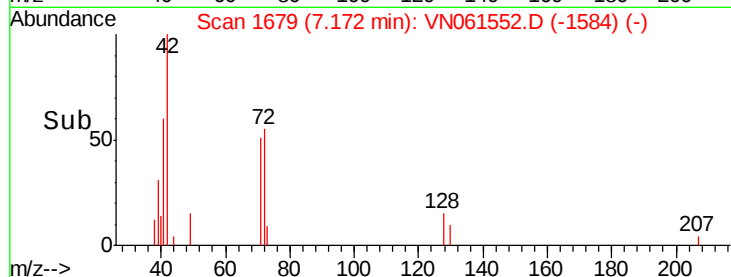
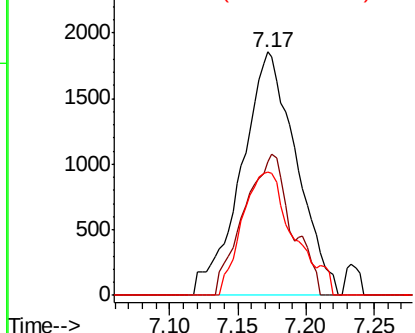
#29
Tetrahydrofuran
Concen: 4.533 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.01 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion: 42 Resp: 5192
Ion Ratio Lower Upper
42 100
72 50.6 43.6 65.4
71 47.6 41.2 61.8

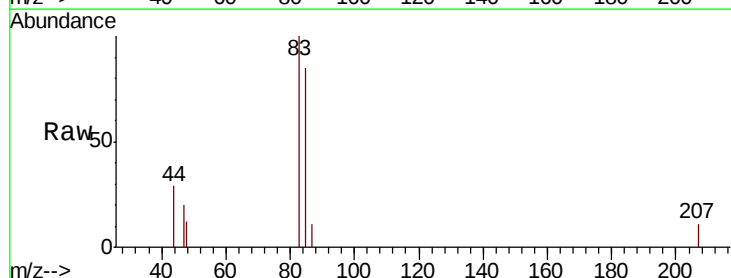


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

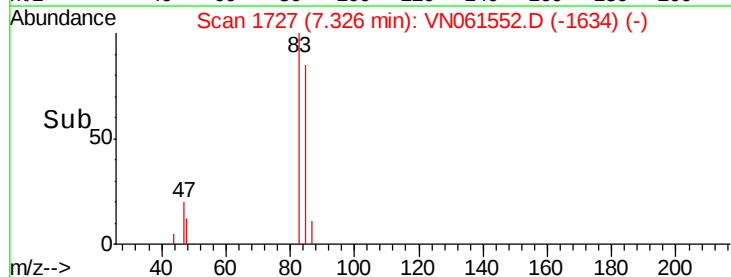
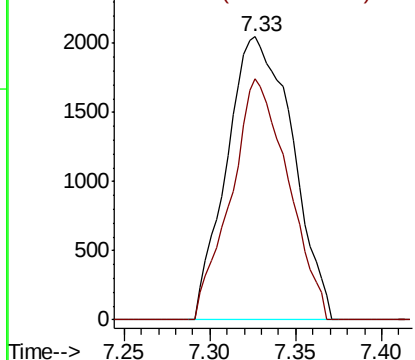


#30
Chloroform
Concen: 0.857 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

Tgt Ion: 83 Resp: 5447
Ion Ratio Lower Upper
83 100
85 85.1 51.7 77.5#



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





#31

Cyclohexane

Concen: 2.013 ug/l

RT: 7.62 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

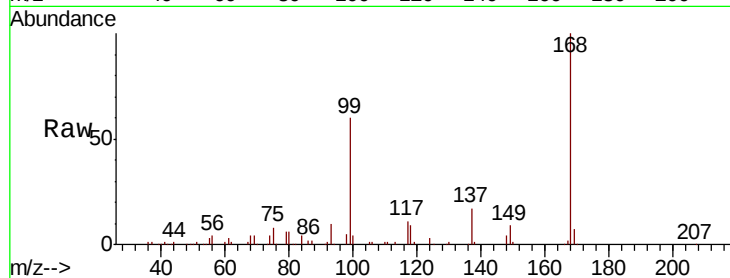
Tot Ion: 56 Resp: 10398

Ion Ratio Lower Upper

56 100

69 115.1 27.8 41.8#

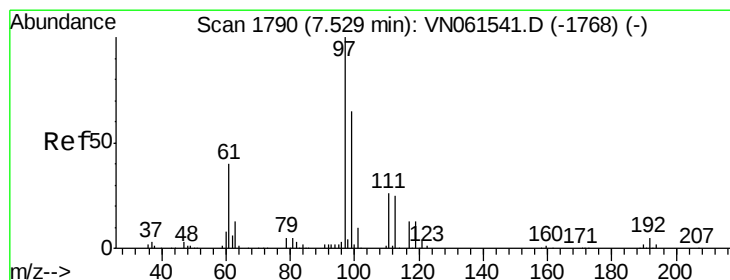
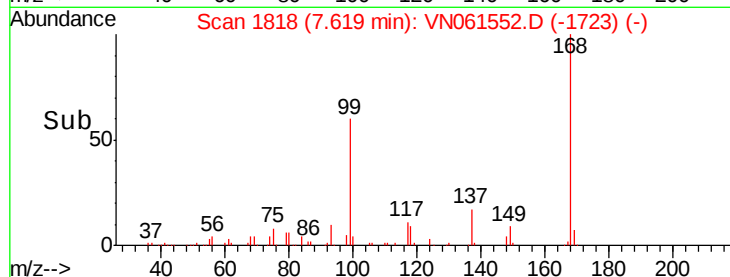
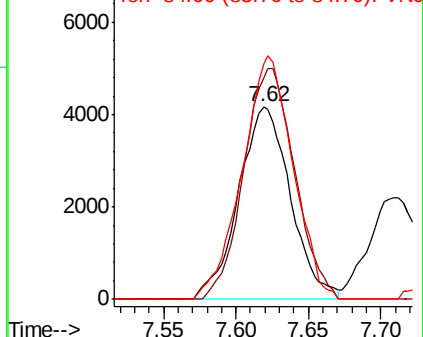
84 122.2 79.9 119.9#



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-1794) (-)

Ion 69.00 (68.70 to 69.70): VN061541.D (-1794) (-)

Ion 84.00 (83.70 to 84.70): VN061541.D (-1794) (-)



#32

1,1,1-Trichloroethane

Concen: 0.791 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

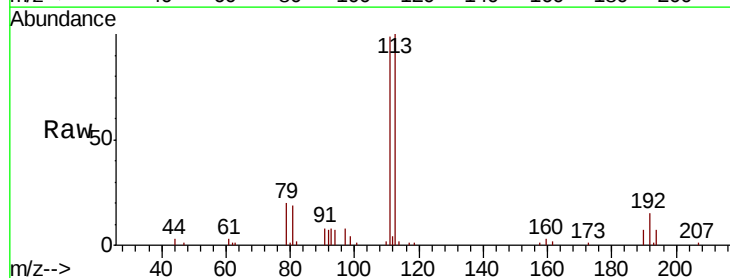
Tgt Ion: 97 Resp: 4581

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

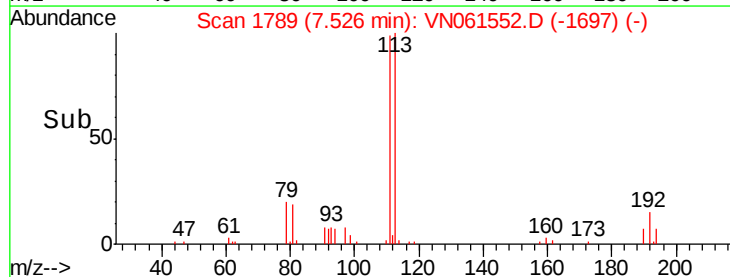
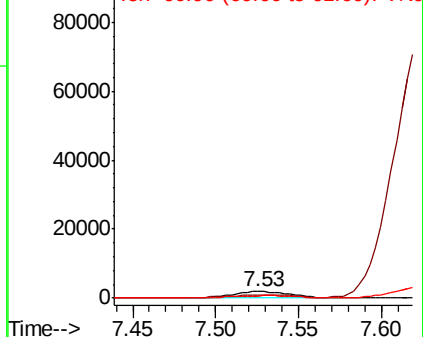
61 37.2 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VN061541.D (-1768) (-)

Ion 98.90 (98.60 to 99.60): VN061541.D (-1768) (-)

Ion 60.90 (60.60 to 61.60): VN061541.D (-1768) (-)

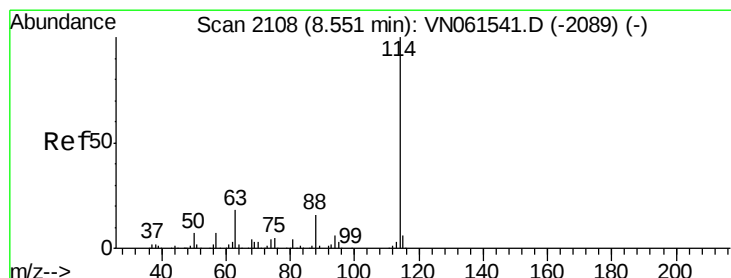
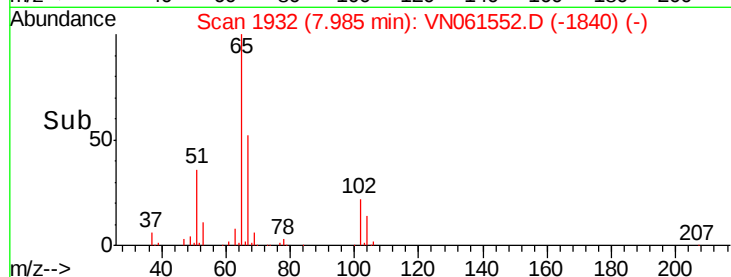
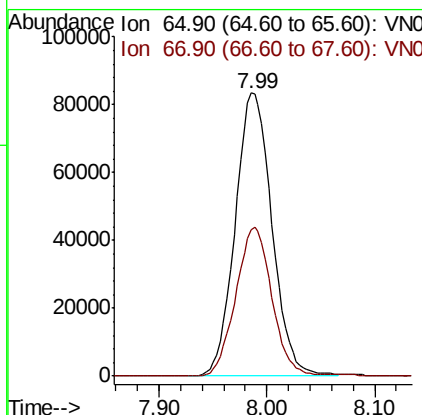
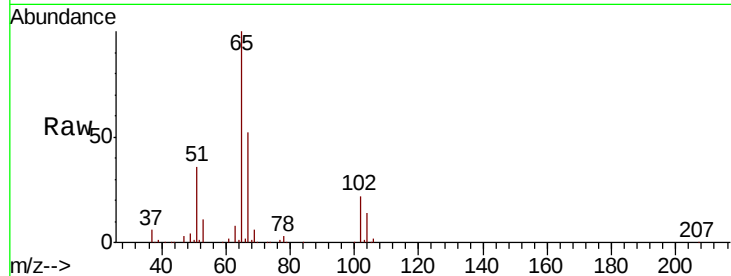




#33
 1,2-Dichloroethane-d4
 Concen: 53.961 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

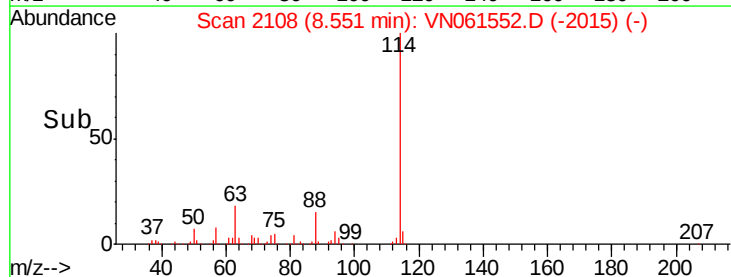
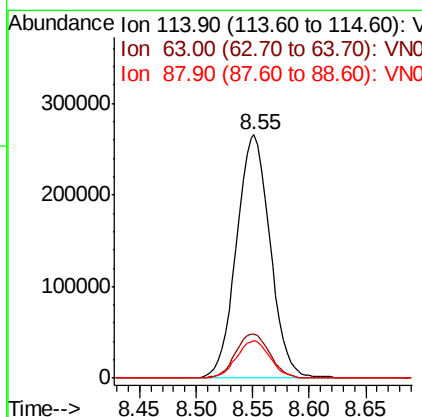
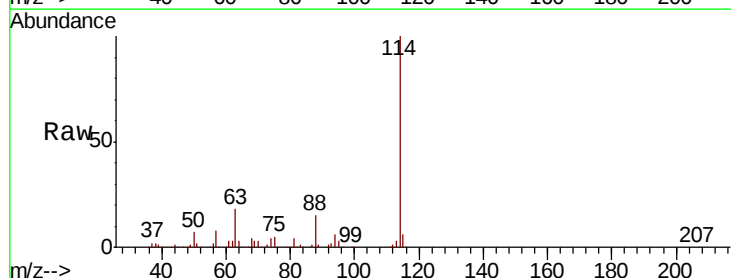
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion: 65 Resp: 197760
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

Tgt Ion: 114 Resp: 550555
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.8
 88 15.2 0.0 31.0

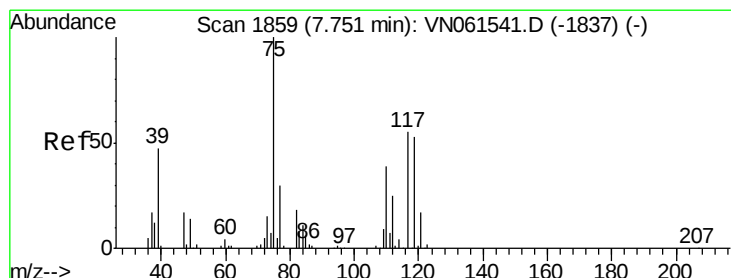
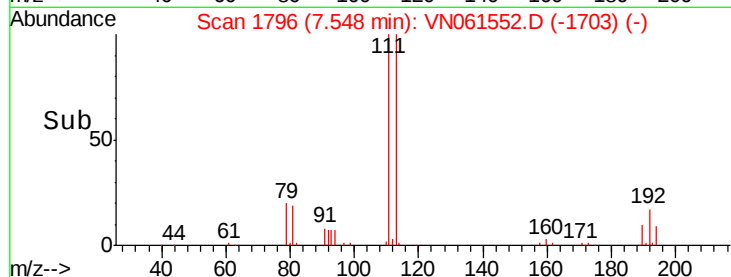
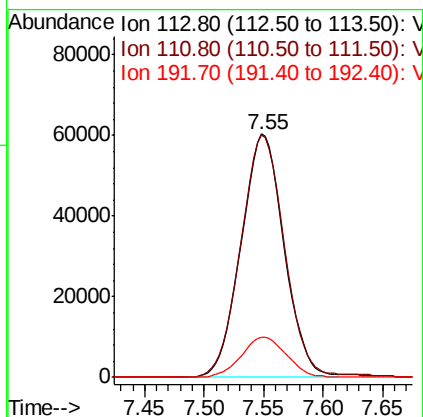
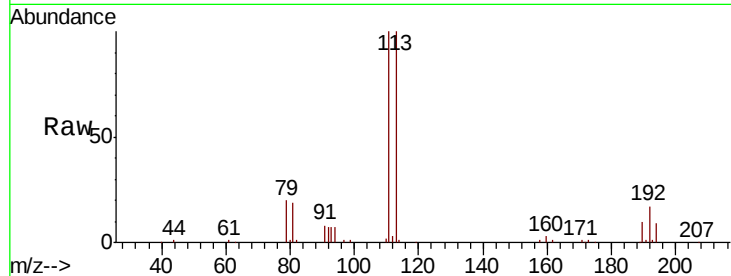




#35
 Dibromofluoromethane
 Concen: 54.002 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

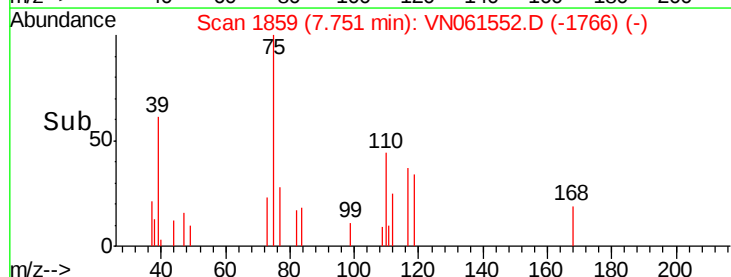
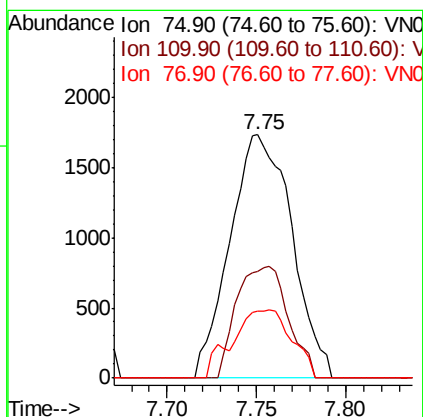
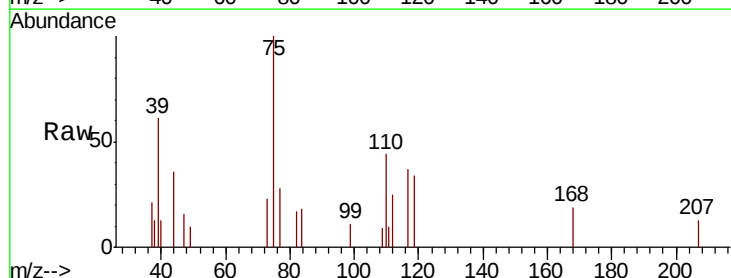
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion:113 Resp: 150821
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.4 125.0
 192 17.4 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 0.859 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

Tgt Ion: 75 Resp: 4189
 Ion Ratio Lower Upper
 75 100
 110 38.3 19.5 58.5
 77 26.9 24.7 37.1

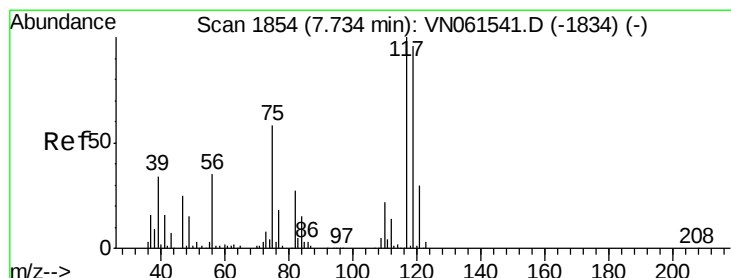
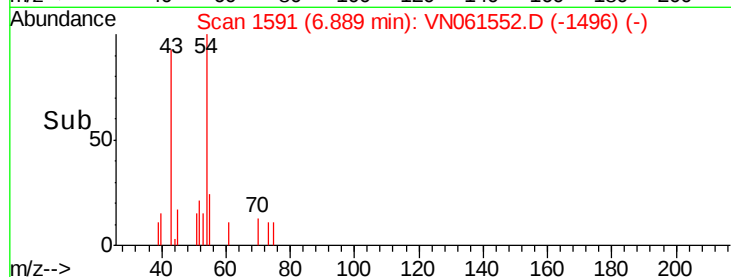
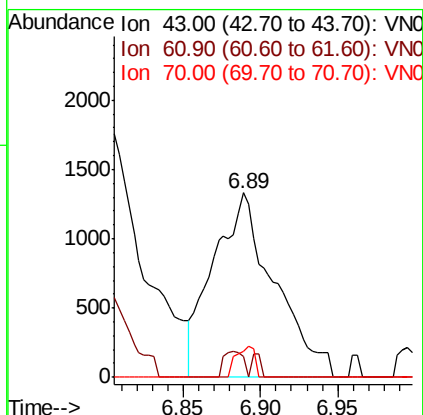
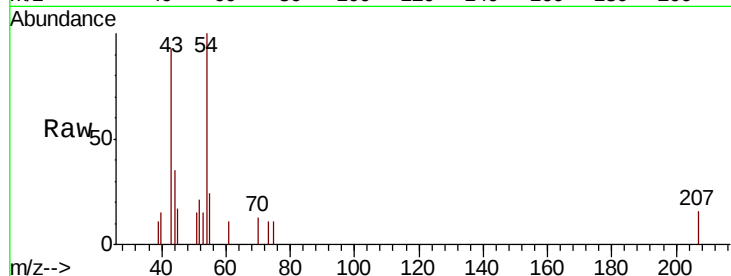




#37
Ethyl Acetate
Concen: 0.932 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. 0.01 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

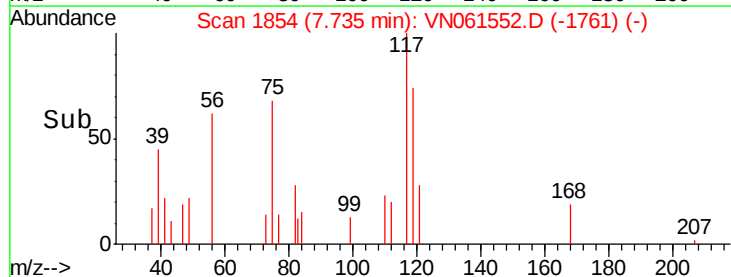
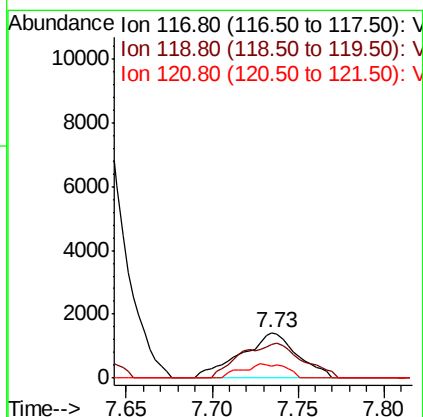
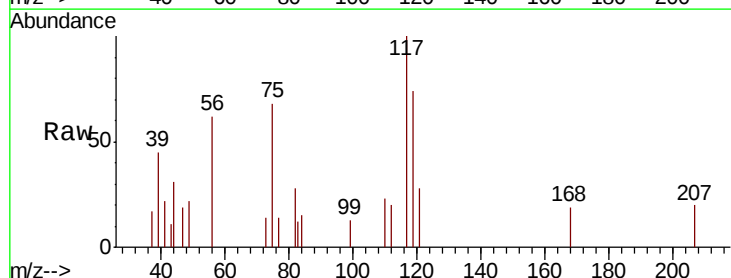
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2020

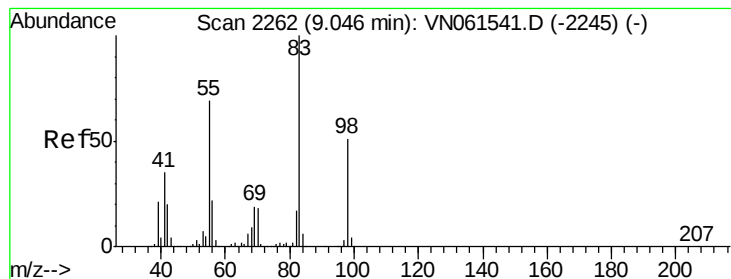
Tot Ion: 43 Resp: 3658
Ion Ratio Lower Upper
43 100
61 4.5 12.2 18.4#
70 4.9 9.4 14.2#



#38
Carbon Tetrachloride
Concen: 0.687 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

Tgt Ion: 117 Resp: 3232
Ion Ratio Lower Upper
117 100
119 74.1 76.5 114.7#
121 27.5 24.1 36.1

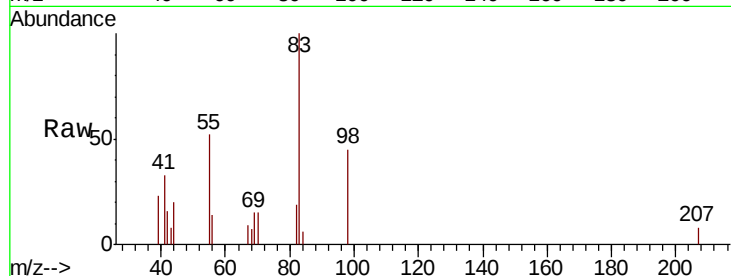




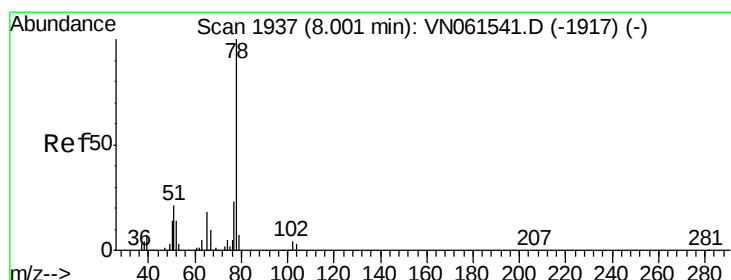
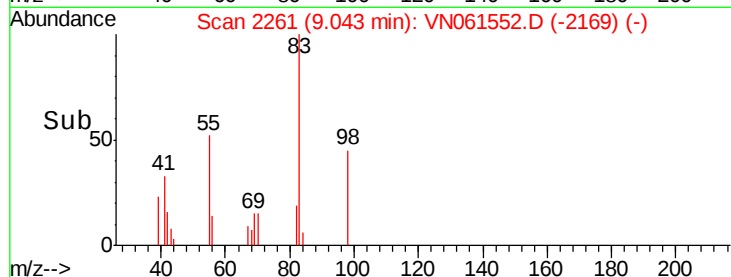
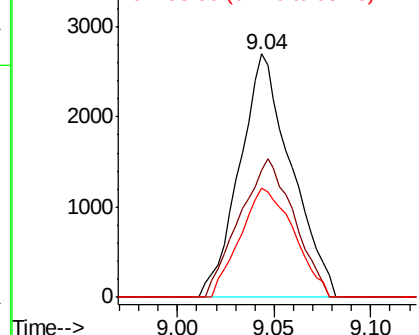
#39
Methvlcvclohexane
Concen: 0.835 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion: 83 Resp: 5016
Ion Ratio Lower Upper
83 100
55 52.4 54.9 82.3#
98 44.9 41.0 61.4

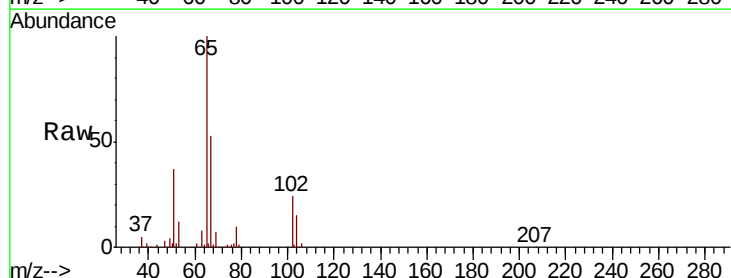


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

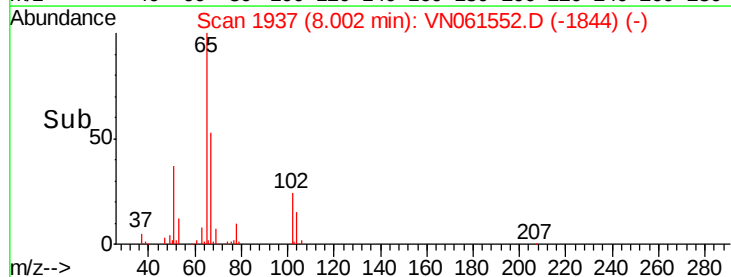
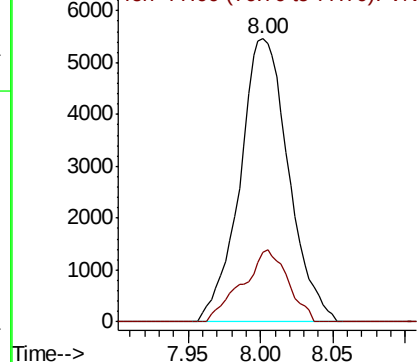


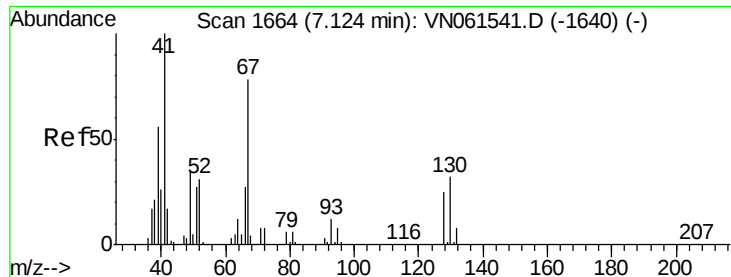
#40
Benzene
Concen: 0.849 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

Tgt Ion: 78 Resp: 12765
Ion Ratio Lower Upper
78 100
77 24.4 18.6 28.0



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

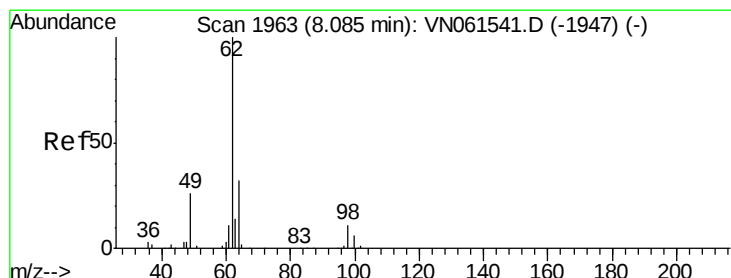
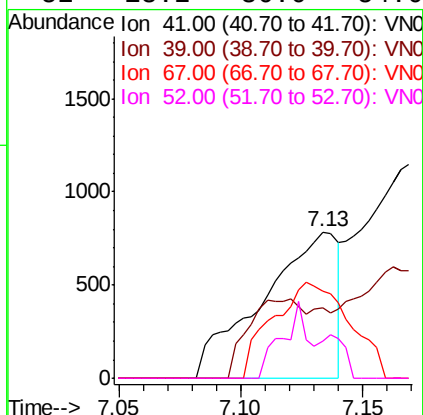
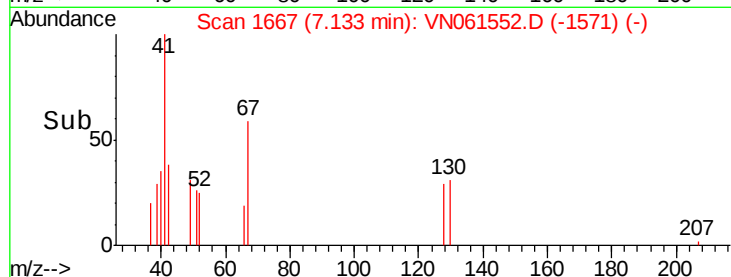
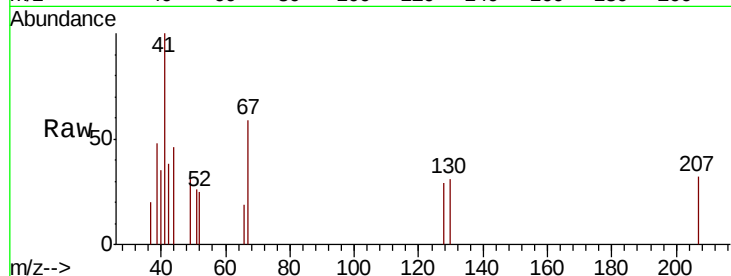




#41
Methacrylonitrile
Concen: 0.937 ug/l
RT: 7.13 min Scan# 1667
Delta R.T. 0.01 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

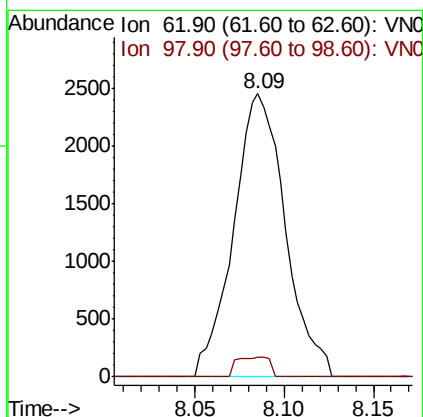
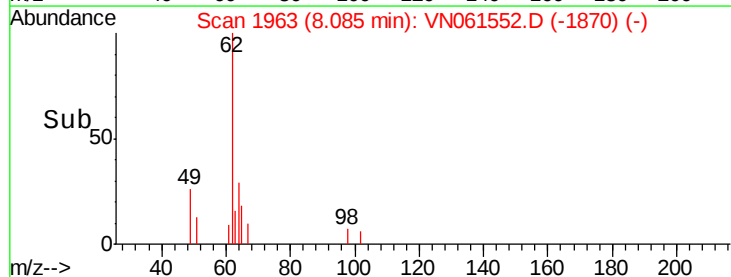
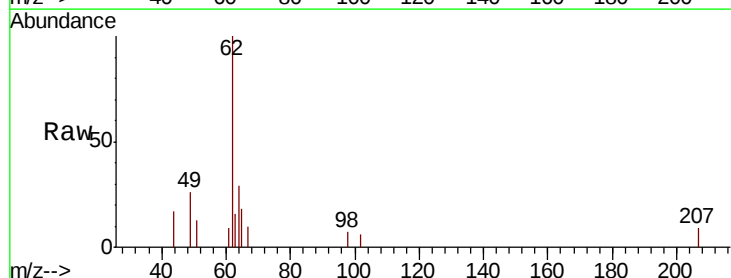
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2020

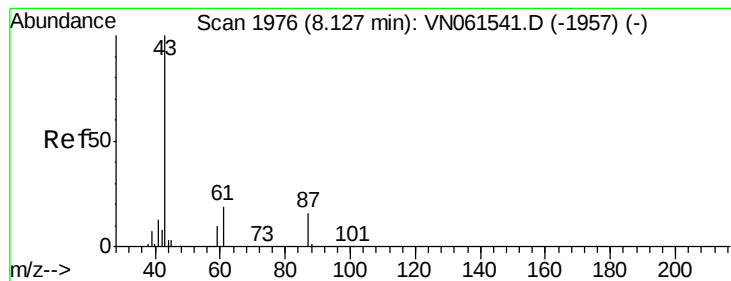
Tot Ion: 41 Resp: 1685
Ion Ratio Lower Upper
41 100
39 39.8 53.8 80.6#
67 66.5 91.1 136.7#
52 18.2 36.0 54.0#



#42
1,2-Dichloroethane
Concen: 0.985 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

Tgt Ion: 62 Resp: 4960
Ion Ratio Lower Upper
62 100
98 4.4 0.0 21.4





#43

Isopropyl Acetate

Concen: 0.819 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

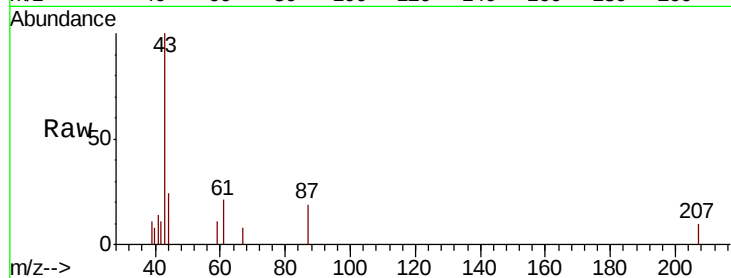
Tot Ion: 43 Resp: 5783

Ion Ratio Lower Upper

43 100

61 19.9 23.6 35.4#

87 12.5 13.0 19.6#

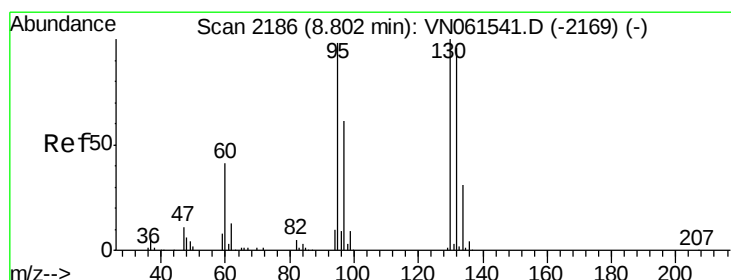
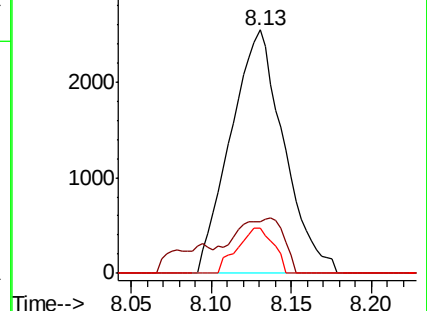
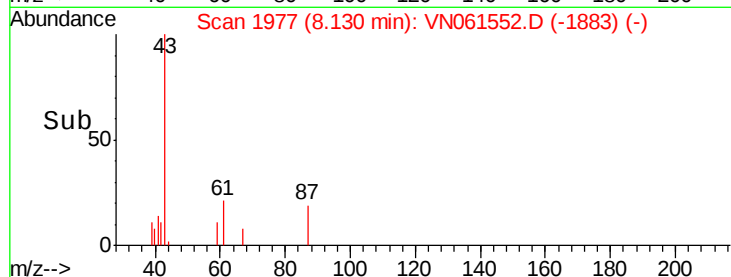


Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN061541.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN061541.D (-1957) (-)

8.13



#44

Trichloroethene

Concen: 0.815 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061552.D

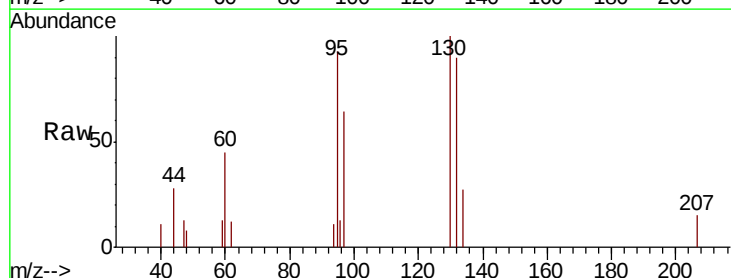
Acq: 29 May 2020 00:23

Tgt Ion: 130 Resp: 3768

Ion Ratio Lower Upper

130 100

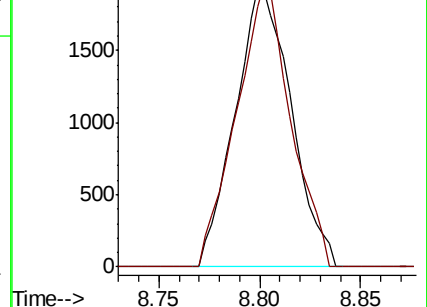
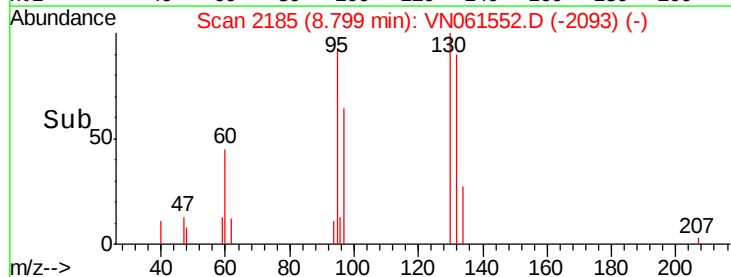
95 93.1 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): VN061541.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN061541.D (-2169) (-)

8.80

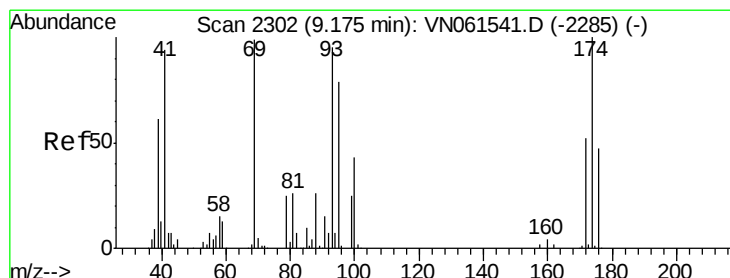
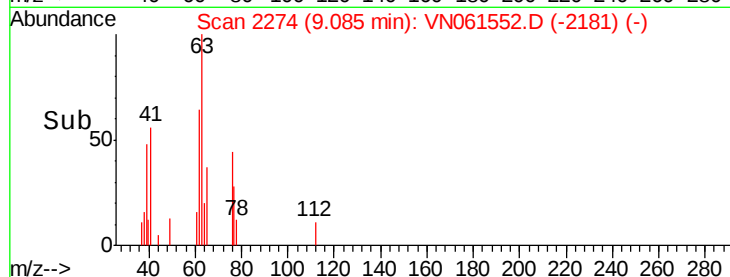
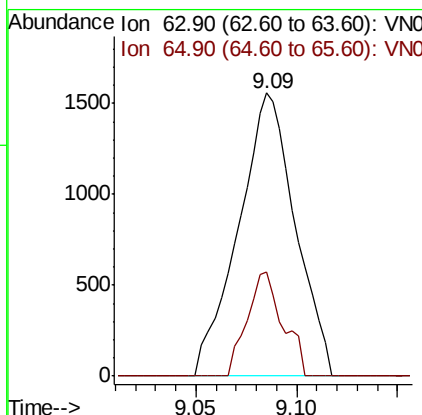
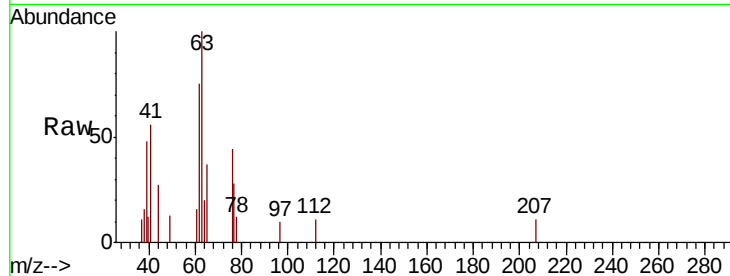




#45
 1,2-Dichloropropane
 Concen: 0.854 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

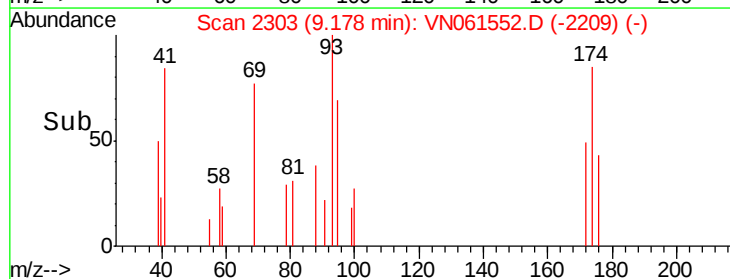
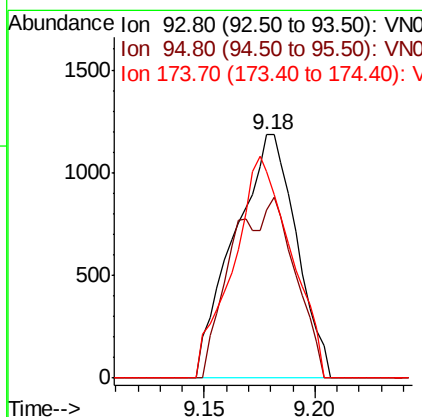
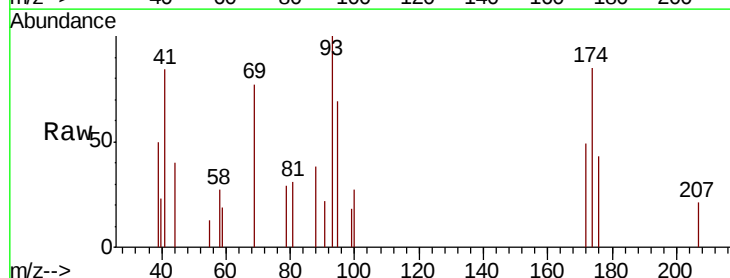
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion: 63 Resp: 3048
 Ion Ratio Lower Upper
 63 100
 65 36.7 24.7 37.1



#46
 Dibromomethane
 Concen: 0.842 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

Tgt Ion: 93 Resp: 2306
 Ion Ratio Lower Upper
 93 100
 95 32.5 66.0 99.0#
 174 85.0 82.5 123.7





#47

Bromodichloromethane

Concen: 0.767 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

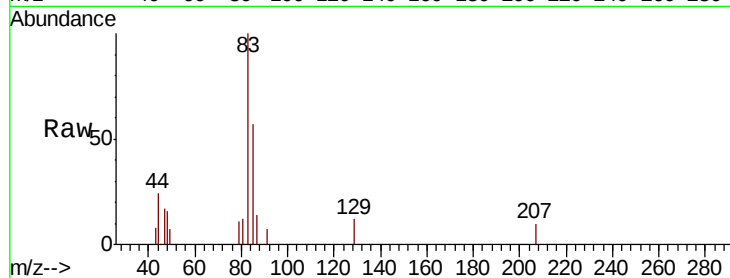
Tot Ion: 83 Resp: 4164

Ion Ratio Lower Upper

83 100

85 56.7 51.1 76.7

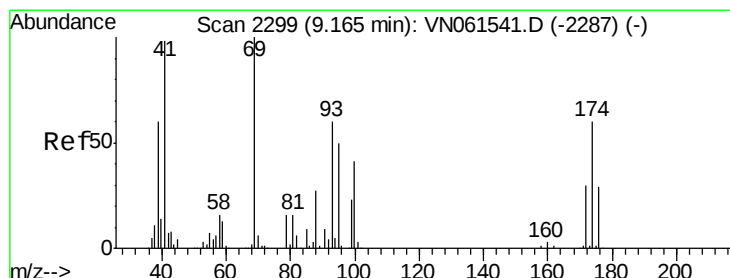
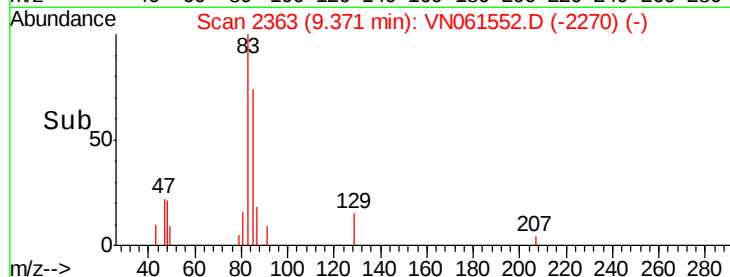
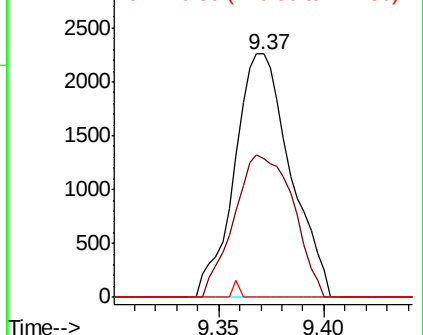
127 0.0 7.2 10.8#



Abundance Ion 82.90 (82.60 to 83.60): VN061552.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061552.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061552.D (-2270) (-)



#48

Methyl methacrylate

Concen: 0.847 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

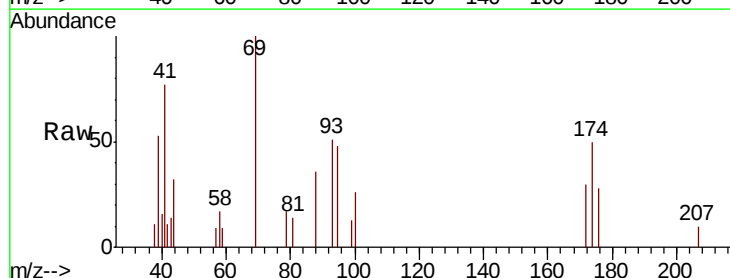
Tgt Ion: 41 Resp: 2690

Ion Ratio Lower Upper

41 100

69 96.1 83.9 125.9

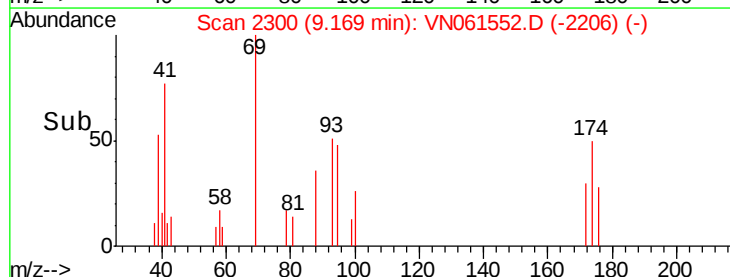
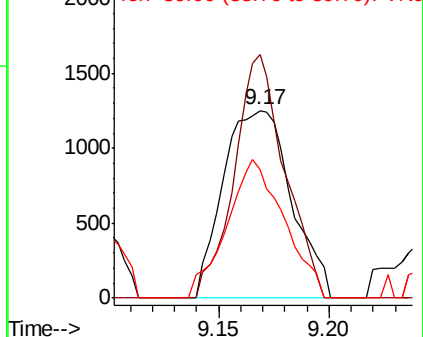
39 62.2 52.1 78.1

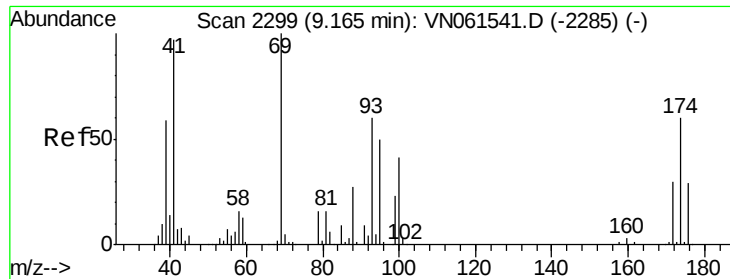


Abundance Ion 41.00 (40.70 to 41.70): VN061552.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061552.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061552.D (-2206) (-)





#49

1,4-Dioxane

Concen: 19.766 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

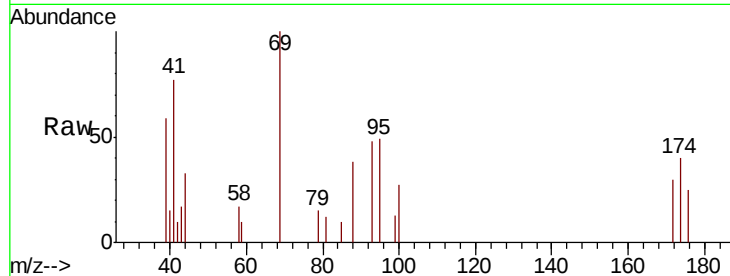
Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion: 88 Resp: 973

Ion	Ratio	Lower	Upper
88	100		
43	33.6	23.1	34.7
58	61.8	48.3	72.5

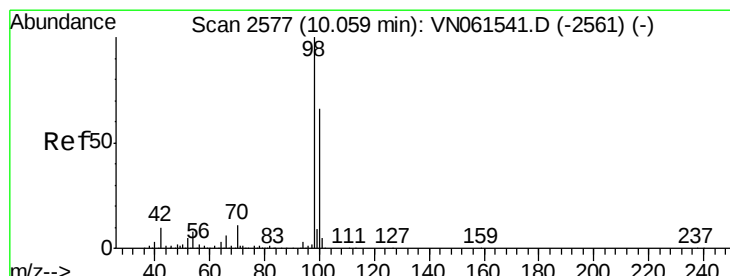
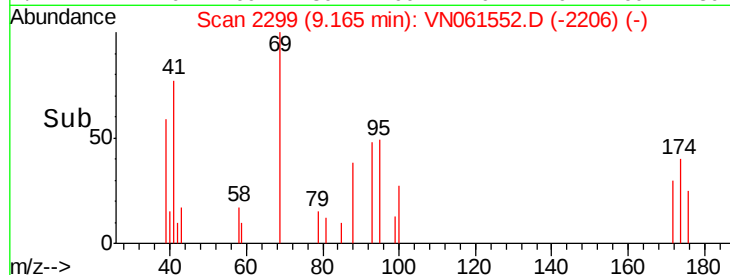
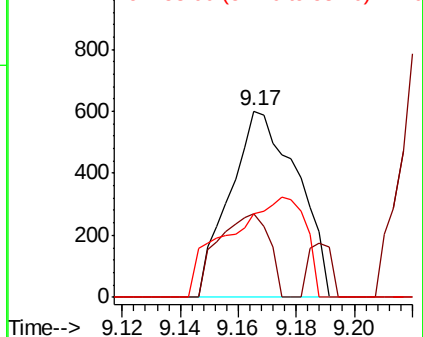


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 47.391 ug/l

RT: 10.06 min Scan# 2577

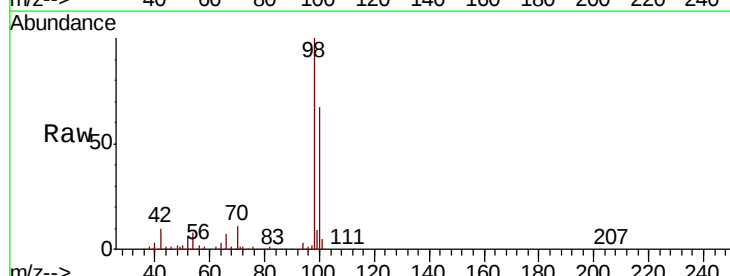
Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Tgt Ion: 98 Resp: 613355

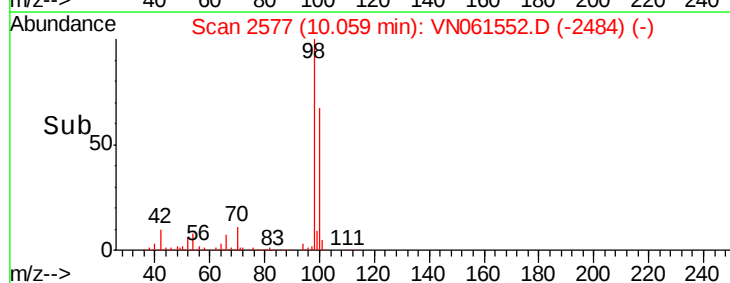
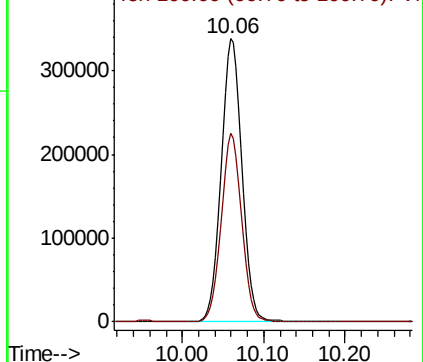
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.8	79.2



Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 3.871 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

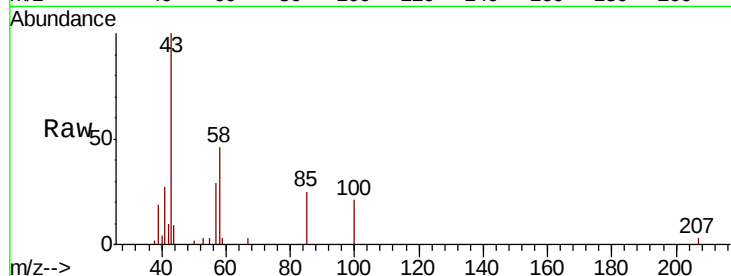
LOQ-WATER-02-QT2-2020

Tot Ion: 43 Resp: 15405

Ion Ratio Lower Upper

43 100

58 41.9 35.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN061541.D (-2528) (-)

9.95

8000

6000

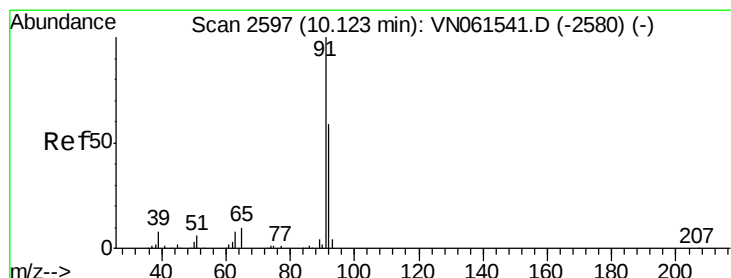
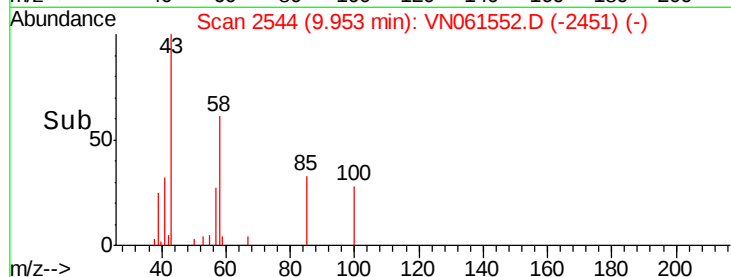
4000

2000

0

9.90 9.95 10.00 10.05

Time-->



#52

Toluene

Concen: 0.798 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061552.D

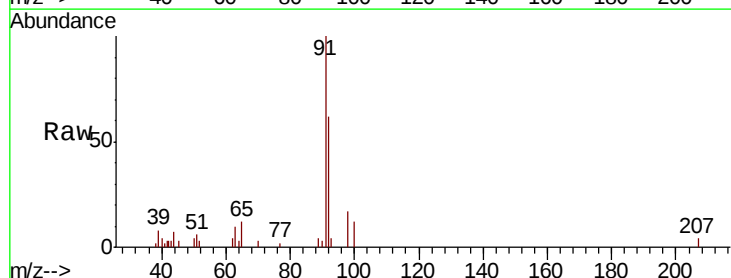
Acq: 29 May 2020 00:23

Tgt Ion: 92 Resp: 7831

Ion Ratio Lower Upper

92 100

91 173.5 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VN061541.D (-2580) (-)

Ion 91.00 (90.70 to 91.70): VN061541.D (-2580) (-)

10.13

8000

6000

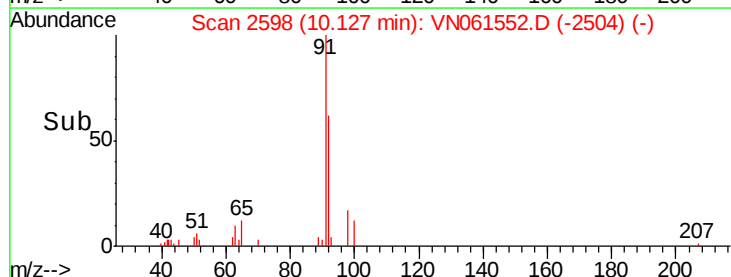
4000

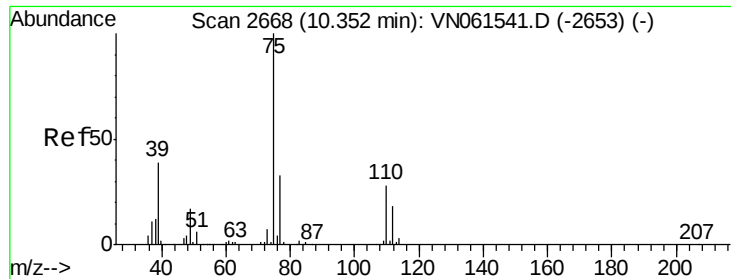
2000

0

10.10 10.13 10.15

Time-->





#53

t-1,3-Dichloropropene

Concen: 0.725 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

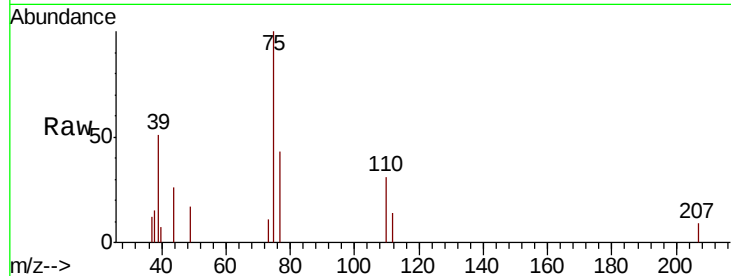
LOQ-WATER-02-QT2-2020

Tot Ion: 75 Resp: 4235

Ion Ratio Lower Upper

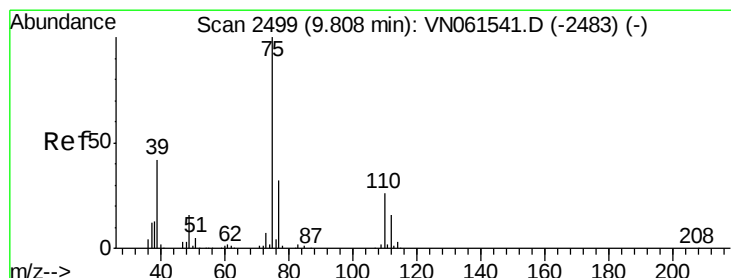
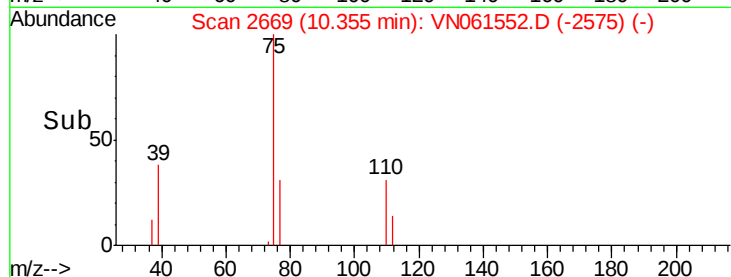
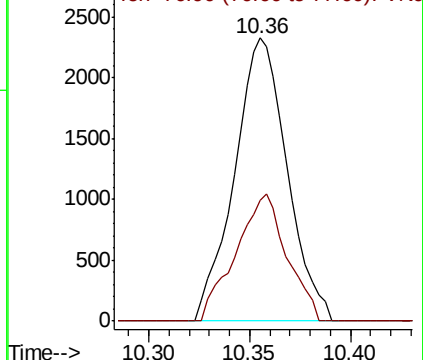
75 100

77 42.7 26.2 39.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 0.727 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

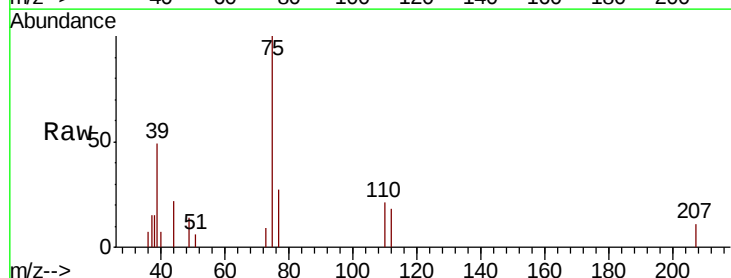
Tgt Ion: 75 Resp: 4571

Ion Ratio Lower Upper

75 100

77 27.3 25.4 38.2

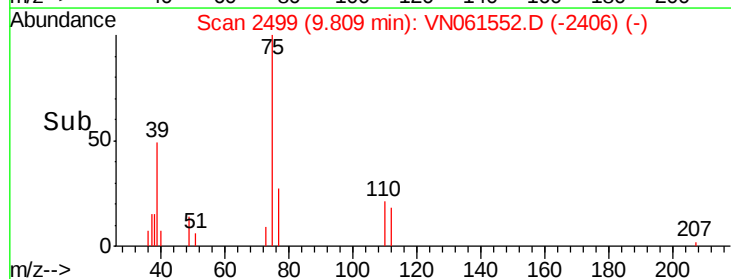
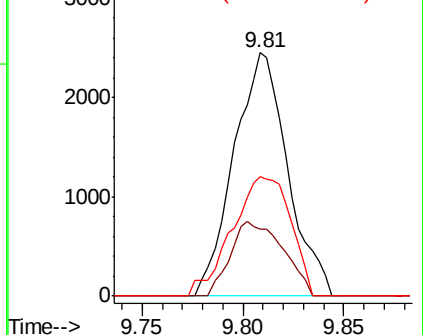
39 49.2 33.8 50.6

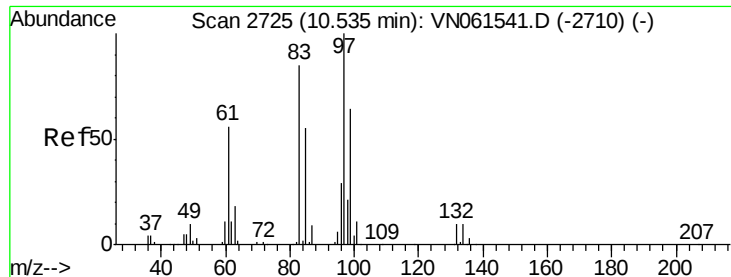


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

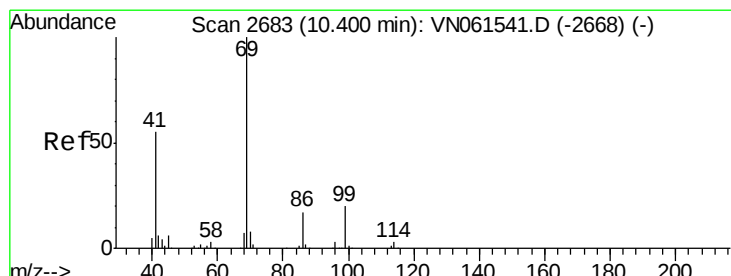
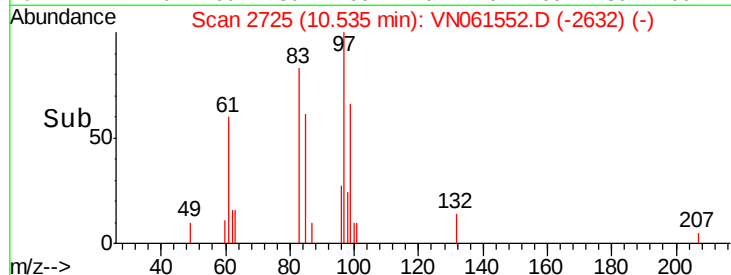
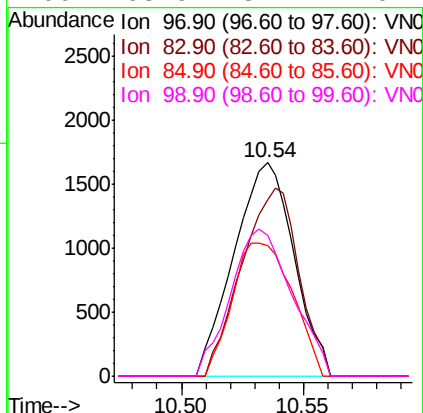
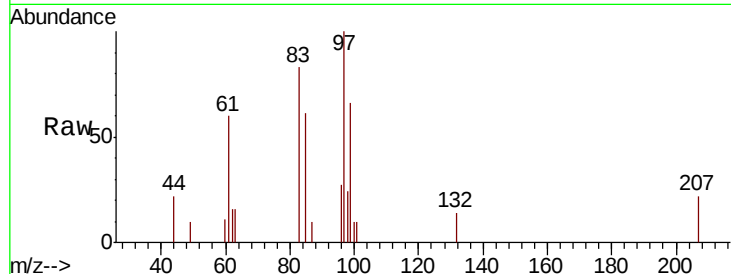




#55
 1,1,2-Trichloroethane
 Concen: 0.726 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

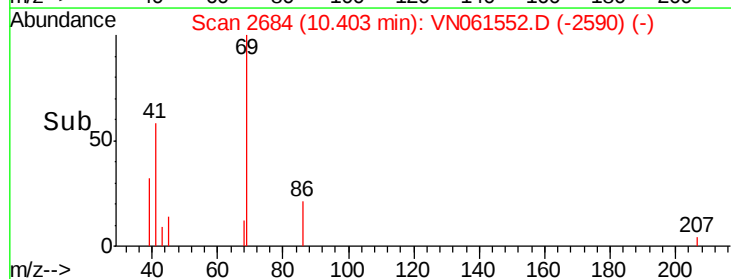
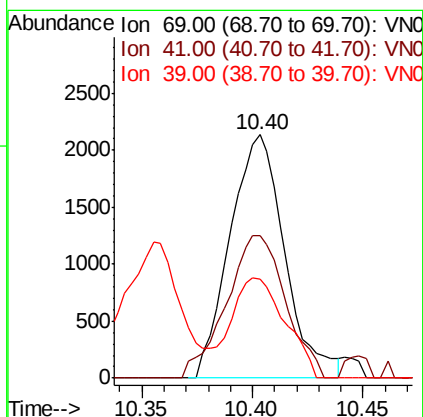
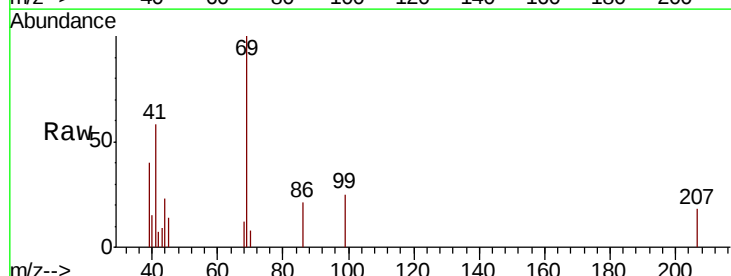
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

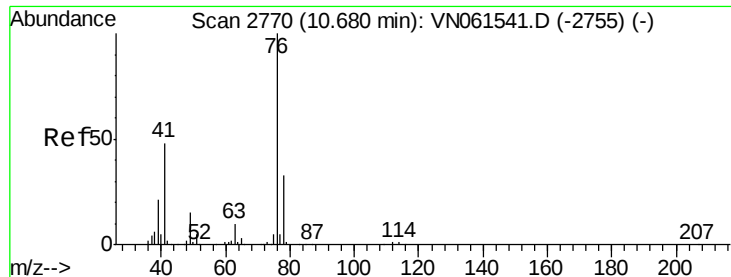
Tot Ion:	97	Resp:	2839
Ion	Ratio	Lower	Upper
97	100		
83	82.8	68.1	102.1
85	61.2	44.1	66.1
99	65.9	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 0.673 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

Tgt Ion:	69	Resp:	3676
Ion	Ratio	Lower	Upper
69	100		
41	63.5	43.5	65.3
39	40.6	27.0	40.6#





#57

1,3-Dichloropropane

Concen: 0.791 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

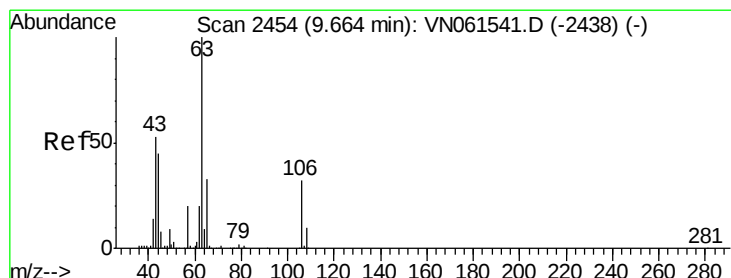
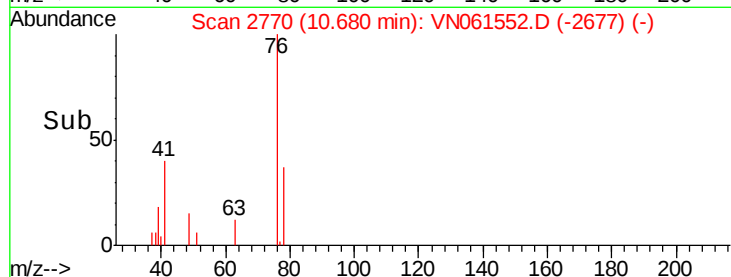
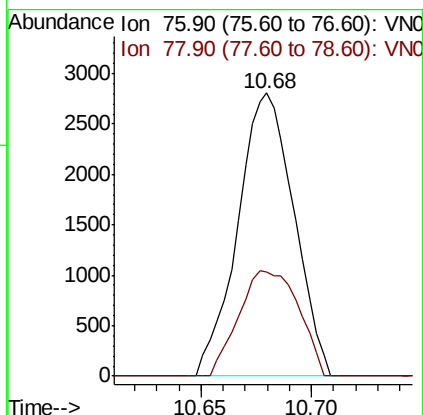
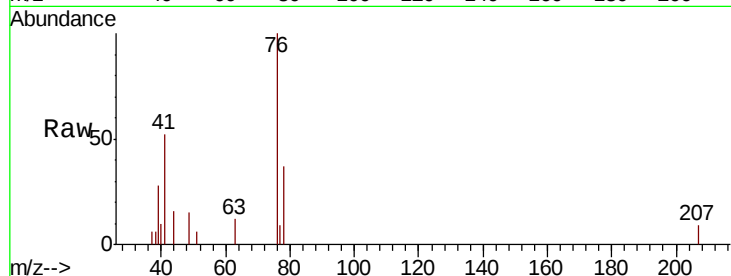
LOQ-WATER-02-QT2-2020

Tot Ion: 76 Resp: 4945

Ion Ratio Lower Upper

76 100

78 39.8 26.3 39.5#



#58

2-Chloroethyl Vinyl ether

Concen: 3.726 ug/l

RT: 9.67 min Scan# 2455

Delta R.T. 0.00 min

Lab File: VN061552.D

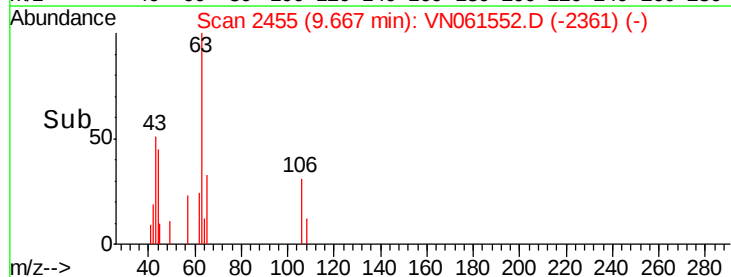
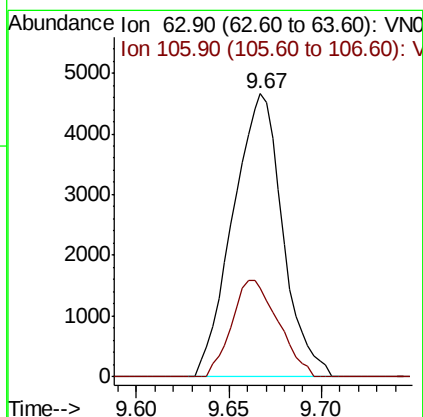
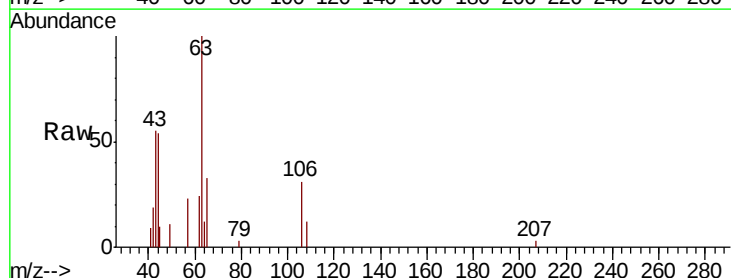
Acq: 29 May 2020 00:23

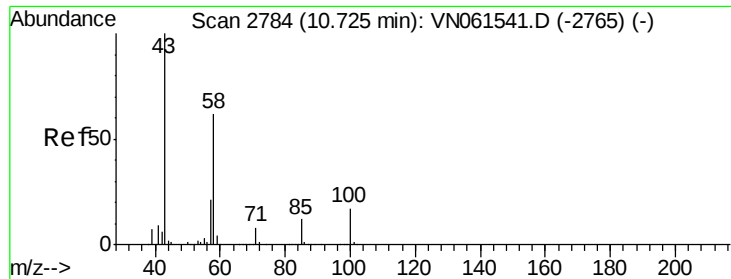
Tgt Ion: 63 Resp: 8697

Ion Ratio Lower Upper

63 100

106 31.8 25.9 38.9

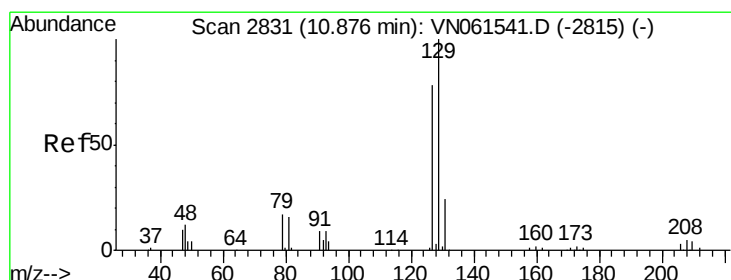
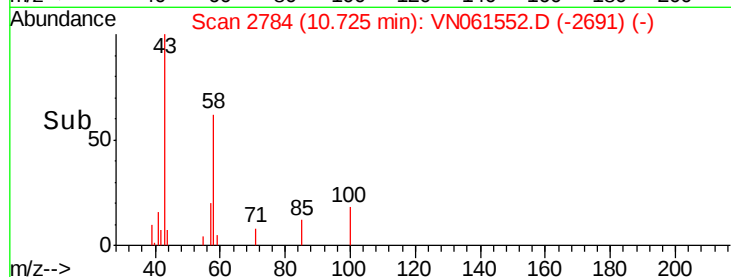
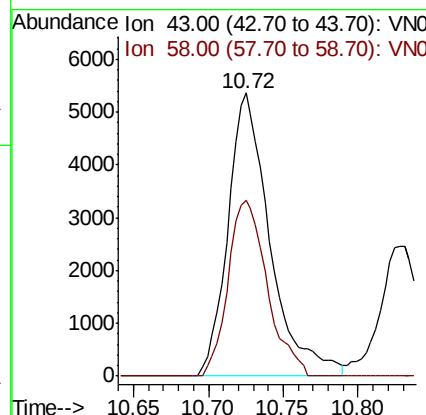
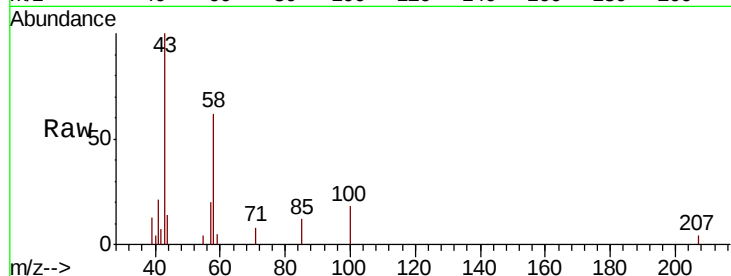




#59
2-Hexanone
Concen: 3.670 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

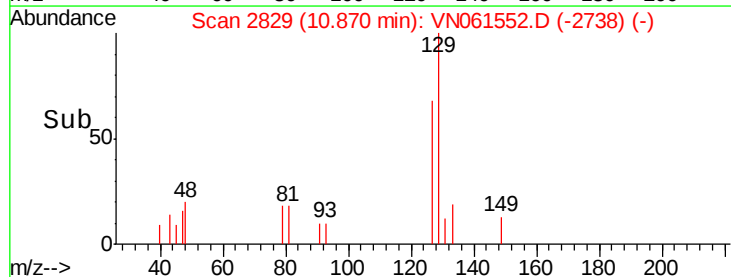
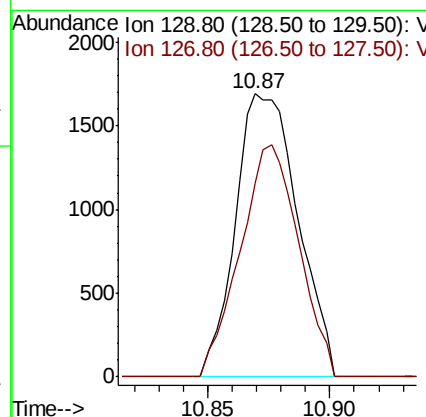
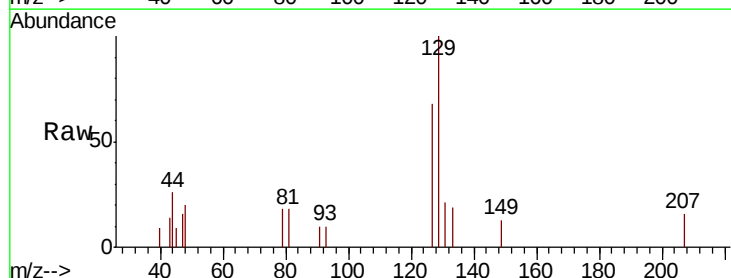
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2020

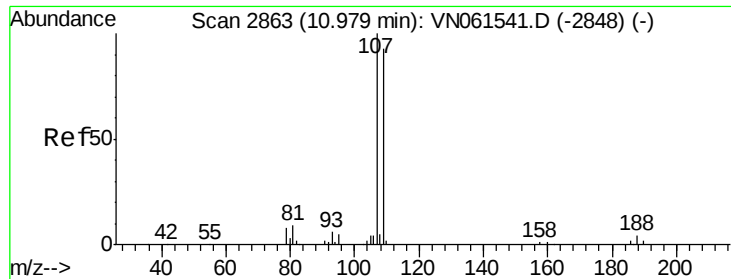
Tot Ion: 43 Resp: 10489
Ion Ratio Lower Upper
43 100
58 57.8 30.7 92.1



#60
Dibromochloromethane
Concen: 0.674 ug/l
RT: 10.87 min Scan# 2829
Delta R.T. -0.01 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

Tgt Ion: 129 Resp: 2995
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.3

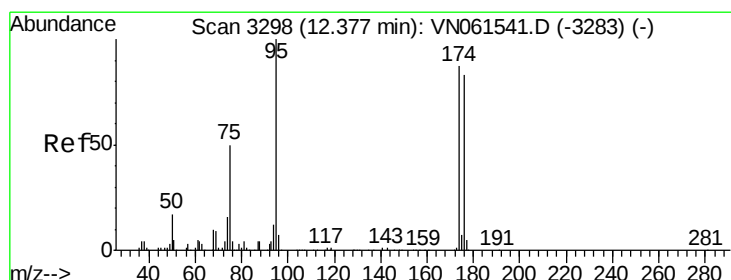
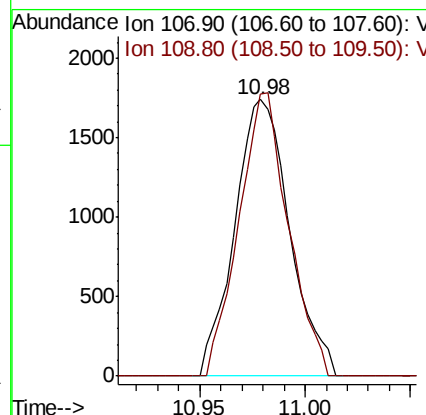
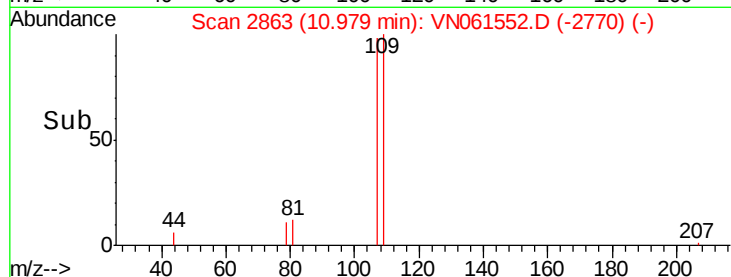
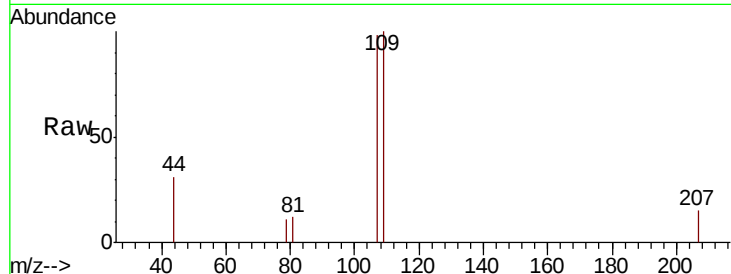




#61
 1,2-Dibromoethane
 Concen: 0.774 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

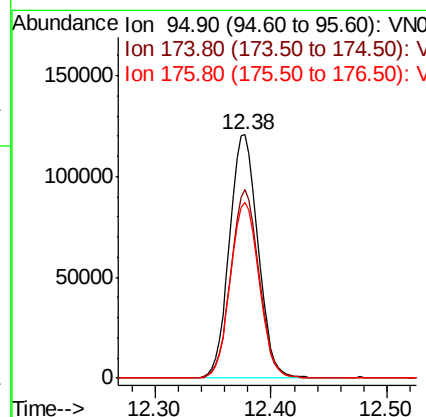
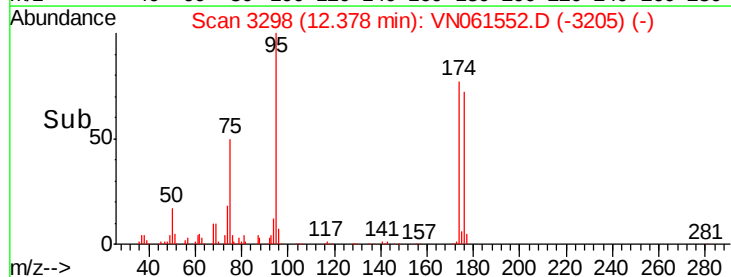
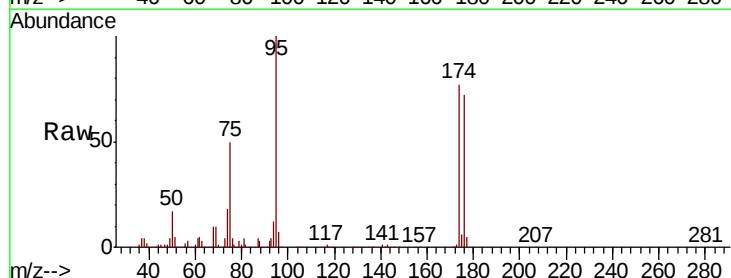
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

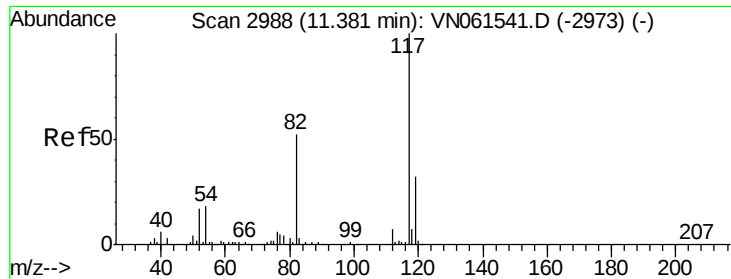
Tot Ion:107 Resp: 3156
 Ion Ratio Lower Upper
 107 100
 109 91.8 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 43.549 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

Tgt Ion: 95 Resp: 205634
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 172.8
 176 72.9 0.0 164.8

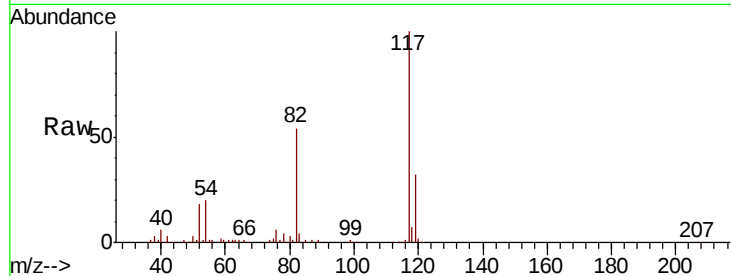




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	41.5	62.3
119	32.1	25.6	38.4

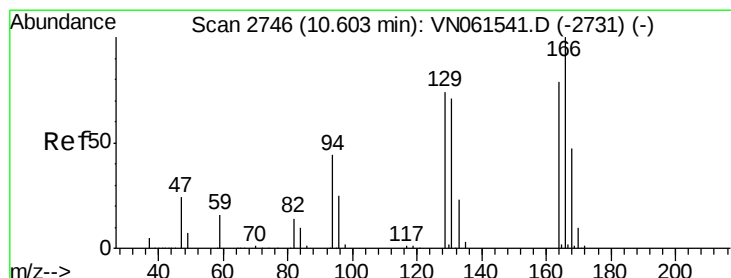
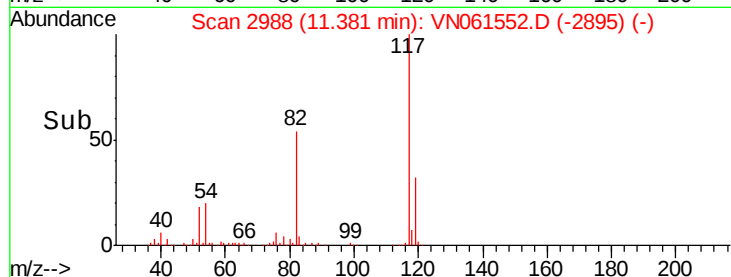
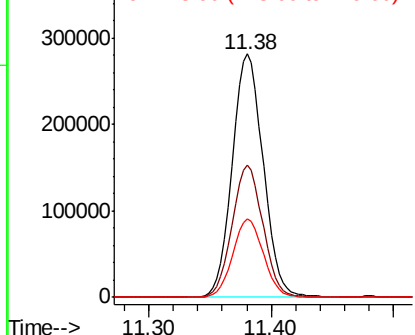


Abundance

Ion 116.90 (116.60 to 117.60): V

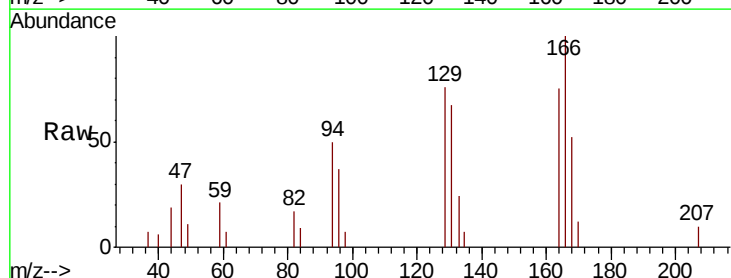
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 0.840 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.4	101.5	152.3
129	101.5	74.9	112.3
131	89.5	72.2	108.2



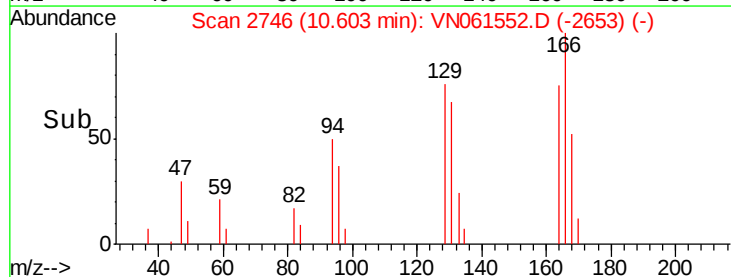
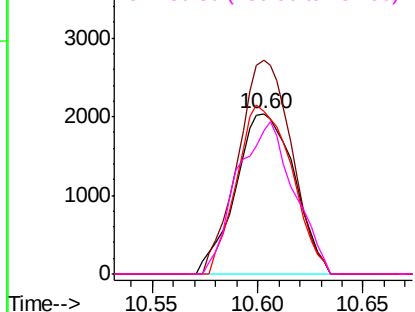
Abundance

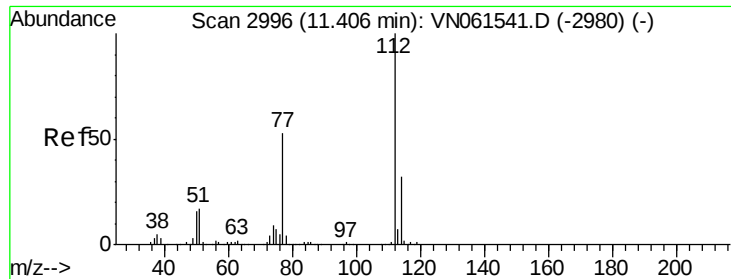
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

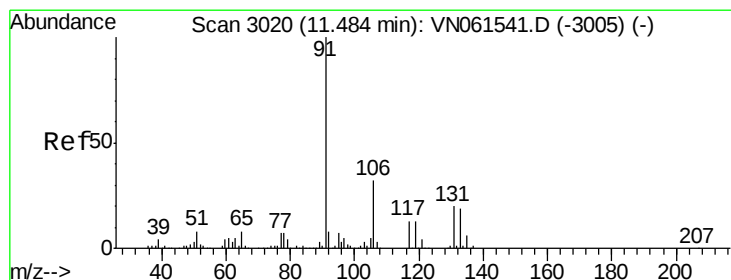
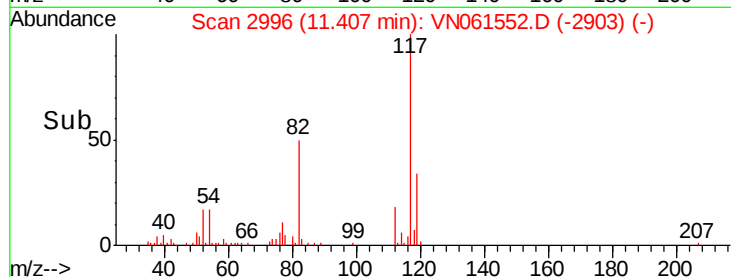
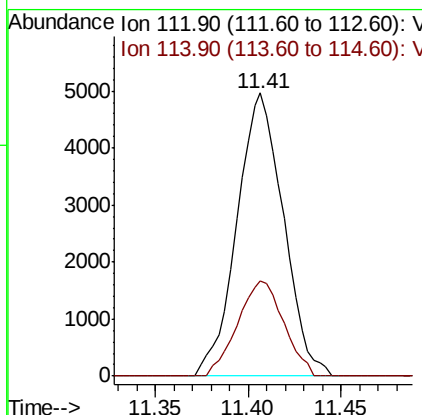
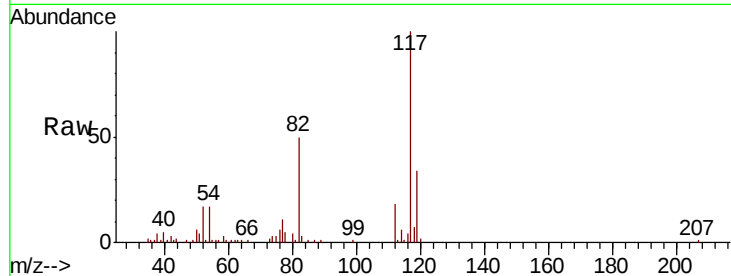




#65
Chlorobenzene
Concen: 0.838 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

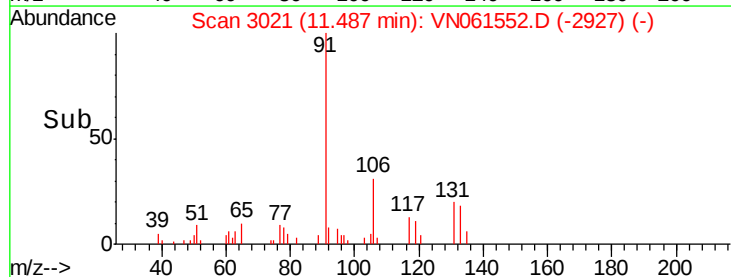
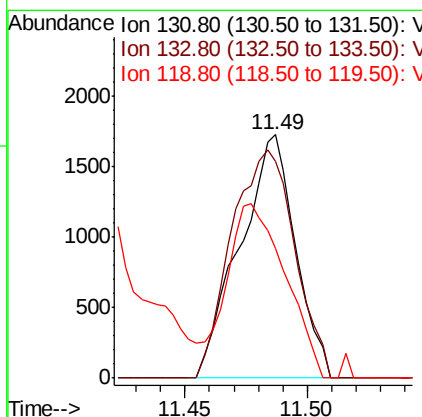
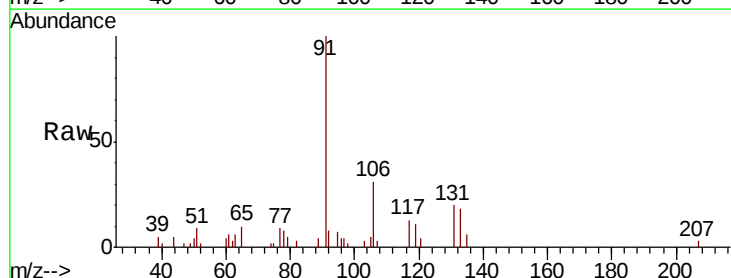
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion:112 Resp: 8672
Ion Ratio Lower Upper
112 100
114 33.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.708 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

Tgt Ion:131 Resp: 2728
Ion Ratio Lower Upper
131 100
133 106.5 47.4 142.2
119 0.0 32.6 97.8#

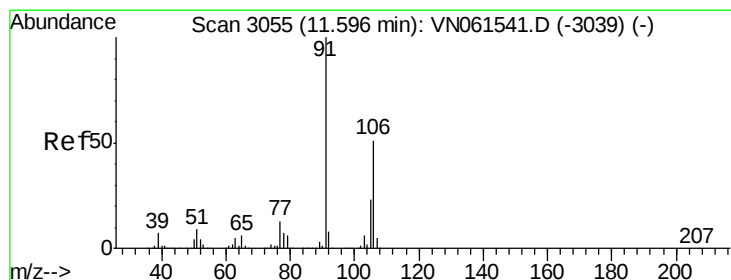
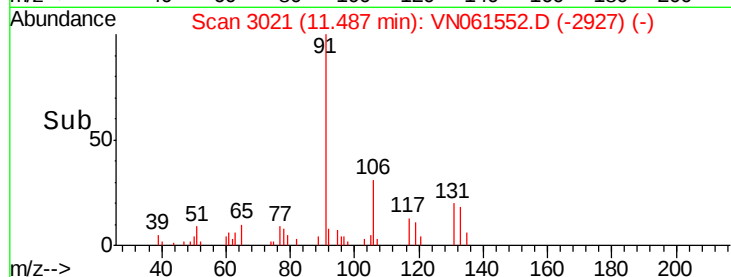
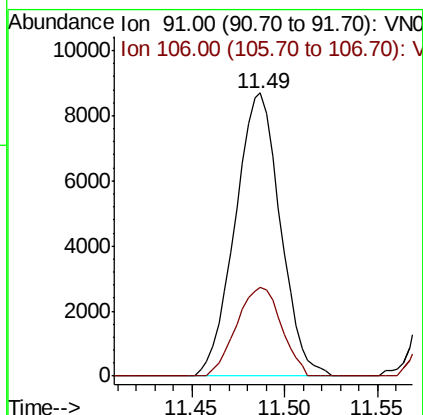
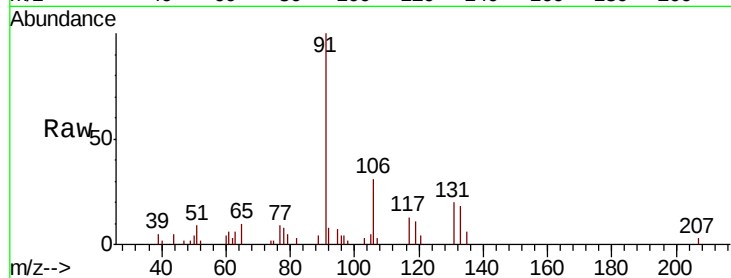




#67
Ethyl Benzene
Concen: 0.822 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

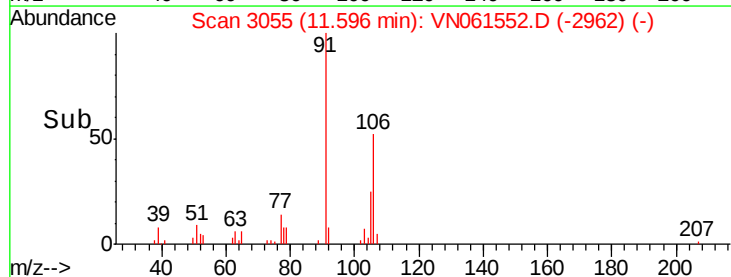
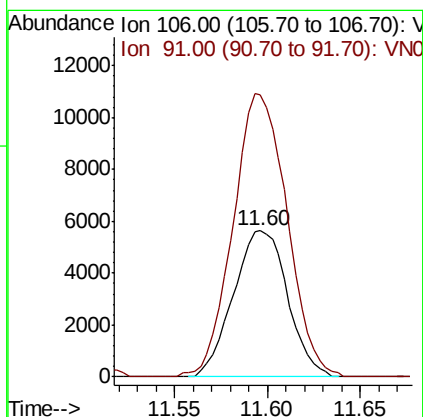
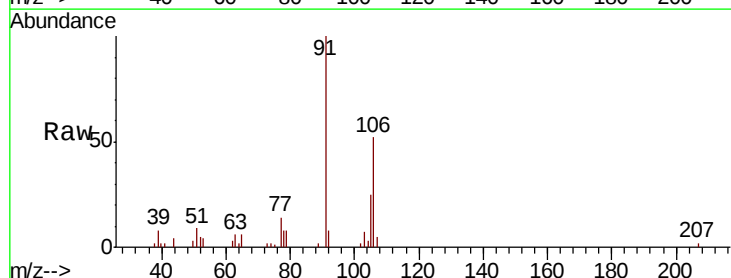
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2020

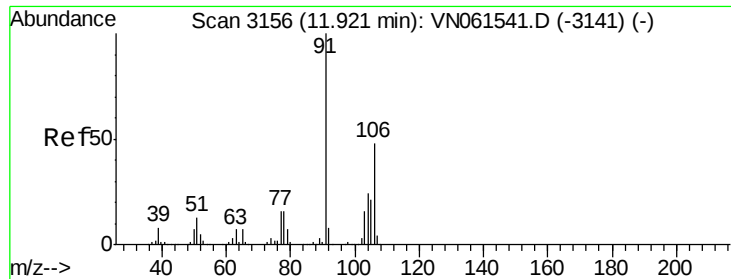
Tot Ion: 91 Resp: 14706
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4



#68
m/p-Xylenes
Concen: 1.616 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

Tgt Ion: 106 Resp: 11463
Ion Ratio Lower Upper
106 100
91 192.8 156.2 234.4

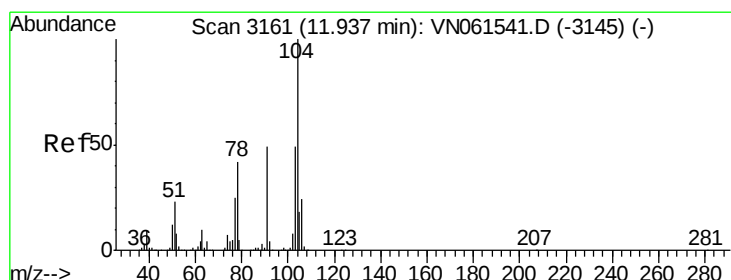
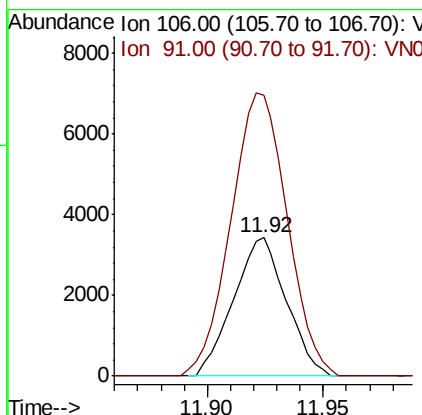
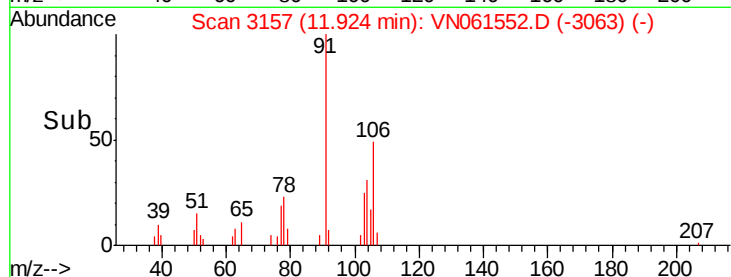
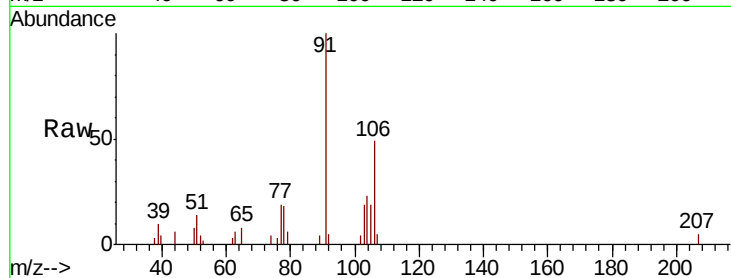




#69
o-Xylene
Concen: 0.806 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

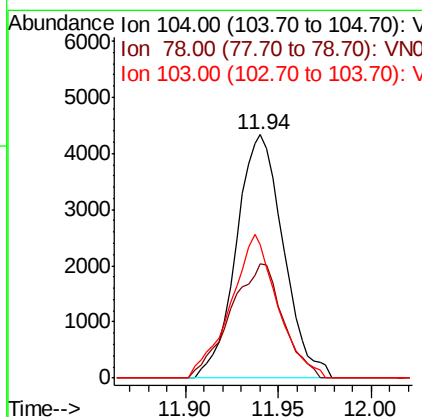
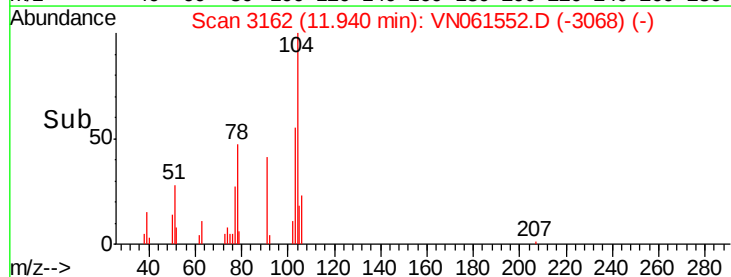
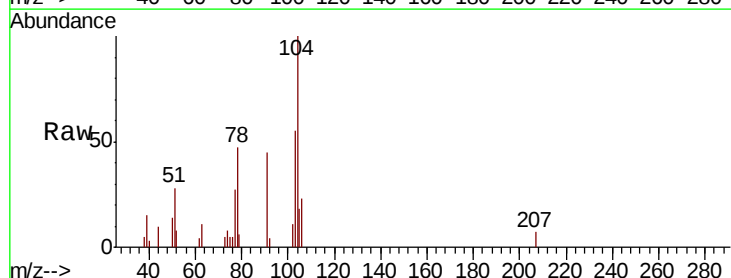
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2020

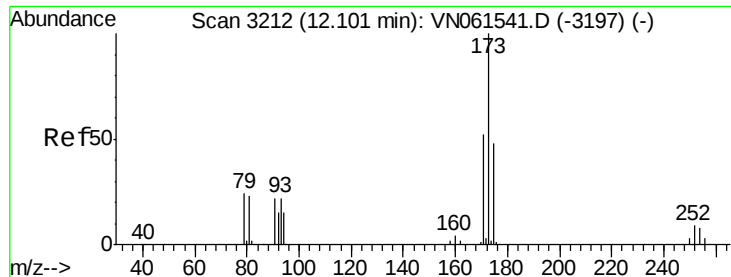
Tot Ion:106 Resp: 5433
Ion Ratio Lower Upper
106 100
91 218.4 103.3 309.8



#70
Styrene
Concen: 0.684 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

Tgt Ion:104 Resp: 7635
Ion Ratio Lower Upper
104 100
78 52.1 37.4 56.0
103 59.0 42.3 63.5





#71

Bromoform

Concen: 0.557 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

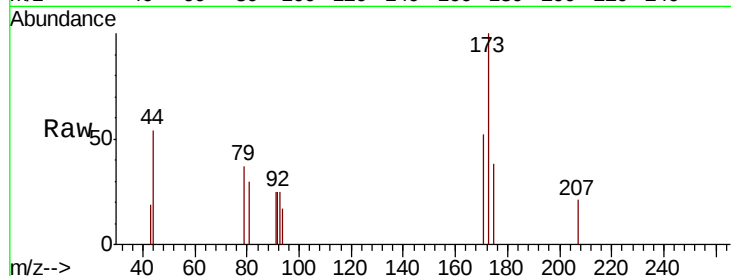
Tot Ion:173 Resp: 1656

Ion Ratio Lower Upper

173 100

175 40.0 24.4 73.2

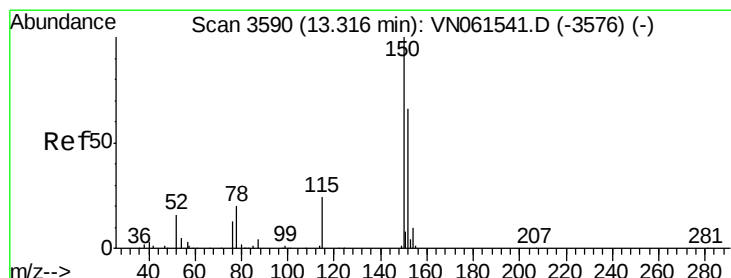
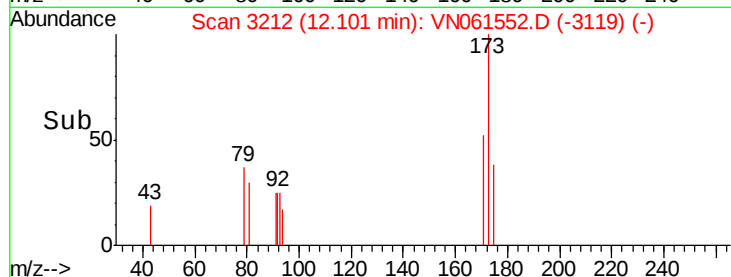
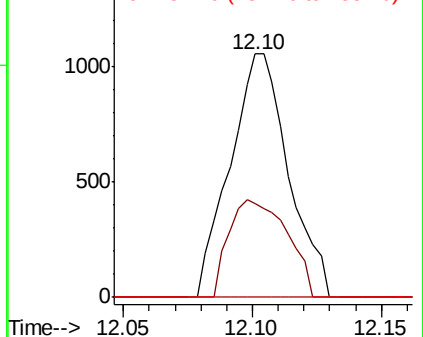
254 0.0 0.0 0.0



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: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

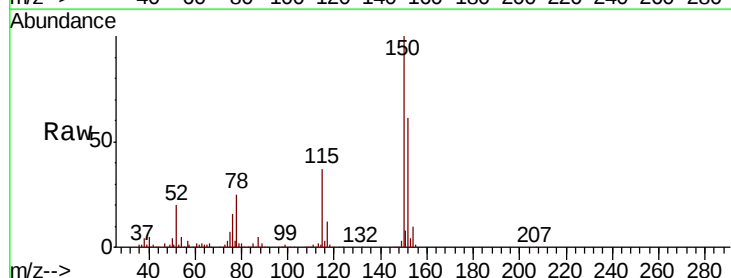
Tgt Ion:152 Resp: 207777

Ion Ratio Lower Upper

152 100

115 60.0 28.0 84.0

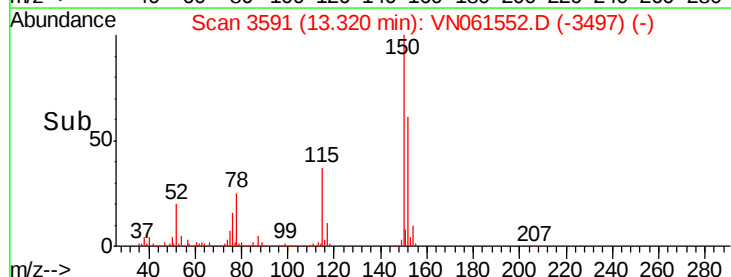
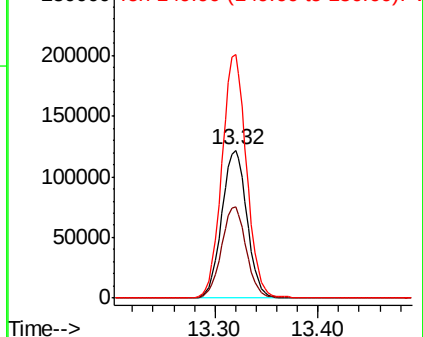
150 160.5 0.0 344.0

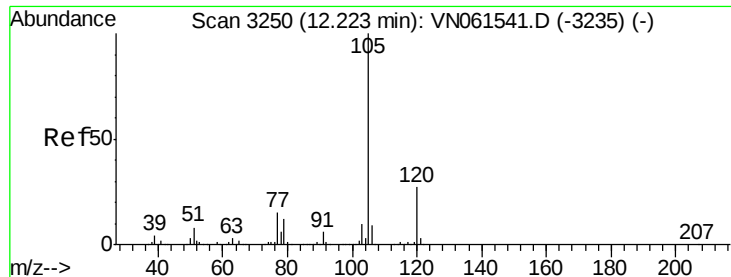


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

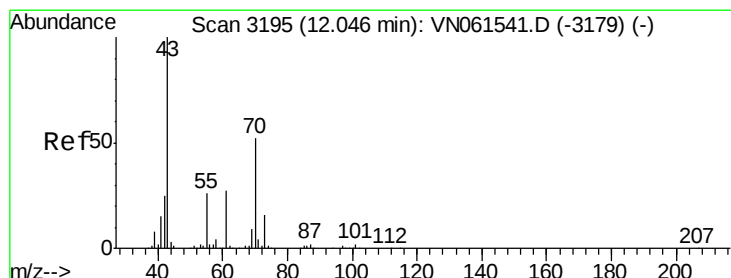
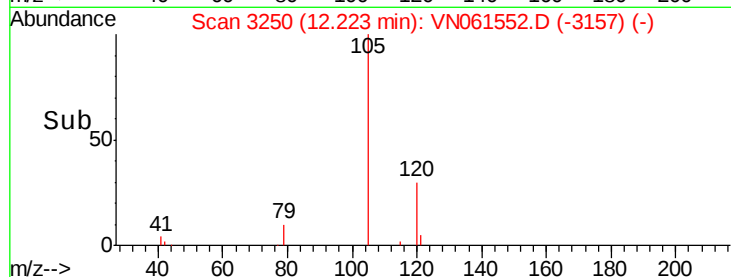
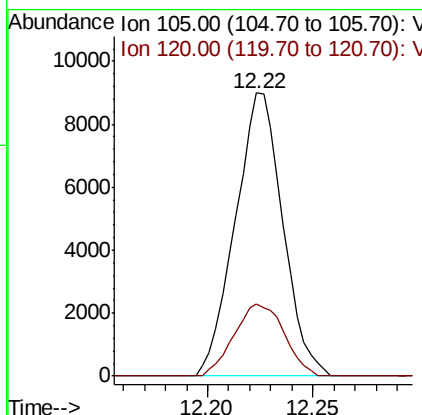
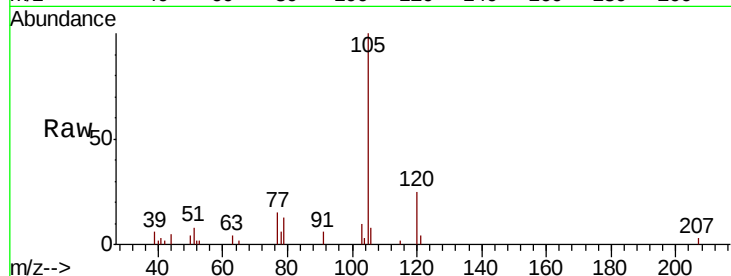




#73
Isopropylbenzene
Concen: 0.928 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

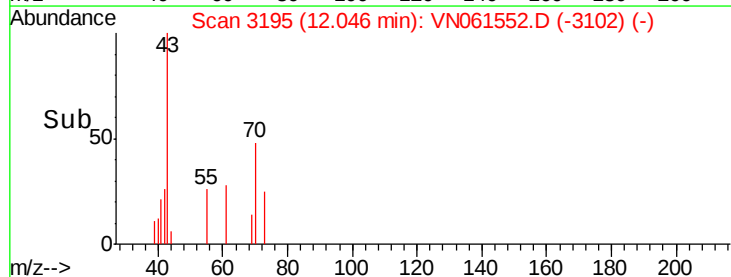
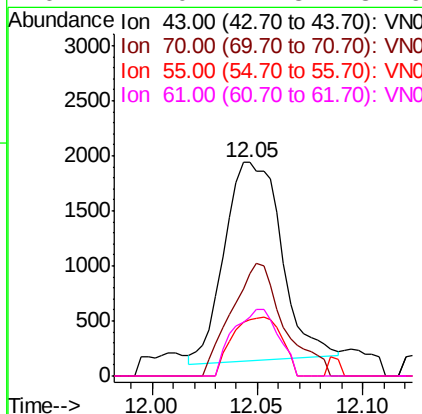
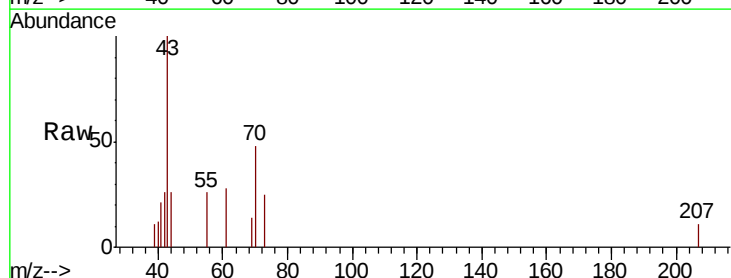
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion:105 Resp: 14075
Ion Ratio Lower Upper
105 100
120 26.8 13.8 41.3



#74
N-ethyl acetate
Concen: 0.706 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

Tgt Ion: 43 Resp: 3371
Ion Ratio Lower Upper
43 100
70 52.2 40.5 60.7
55 25.7 20.6 31.0
61 27.0 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 0.909 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

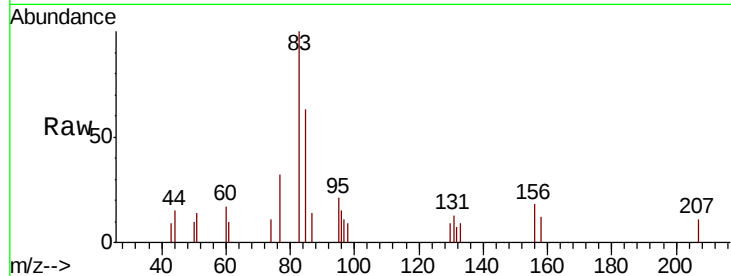
Tot Ion: 83 Resp: 3864

Ion Ratio Lower Upper

83 100

131 9.4 5.5 16.5

85 64.3 32.1 96.3



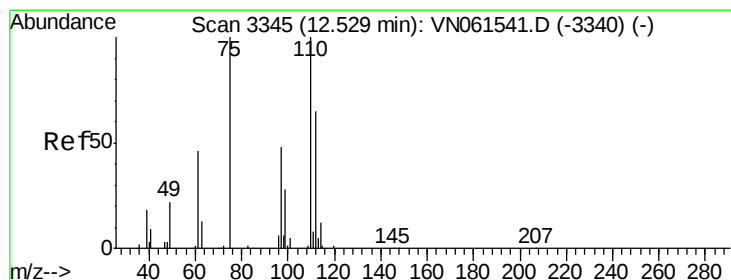
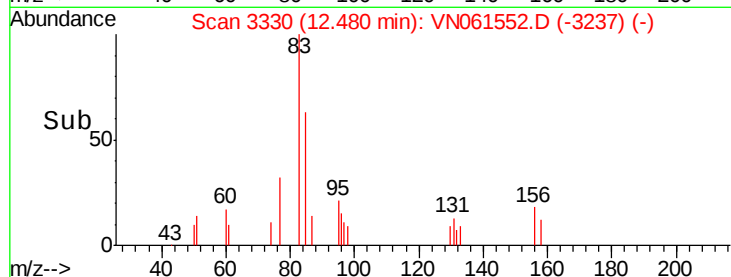
Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN061541.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN061541.D (-3315) (-)

12.48

Time-->



#76

1,2,3-Trichloropropane

Concen: 1.471 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN061552.D

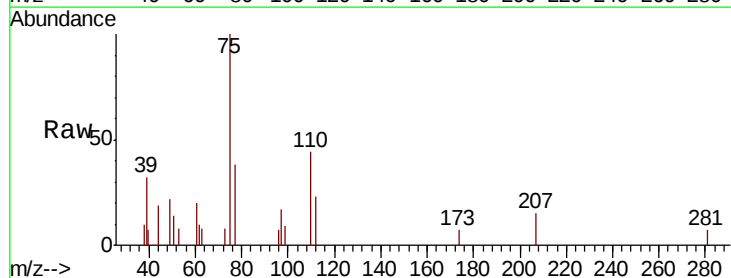
Acq: 29 May 2020 00:23

Tgt Ion: 75 Resp: 5558

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

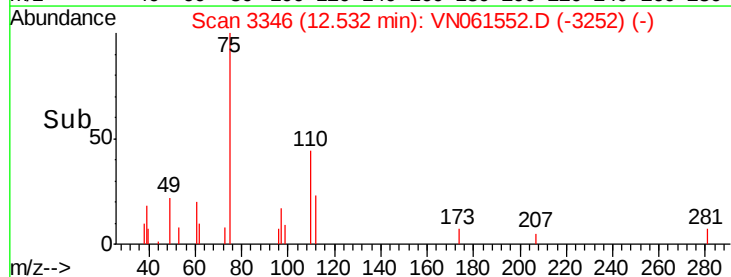


Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061541.D (-3340) (-)

12.53

Time-->





#77

Bromobenzene

Concen: 0.876 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

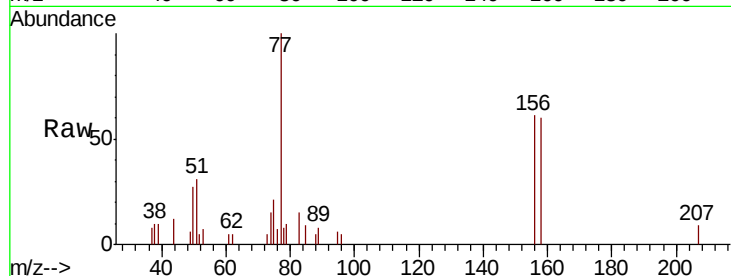
Tot Ion:156 Resp: 3392

Ion Ratio Lower Upper

156 100

77 224.6 90.9 272.7

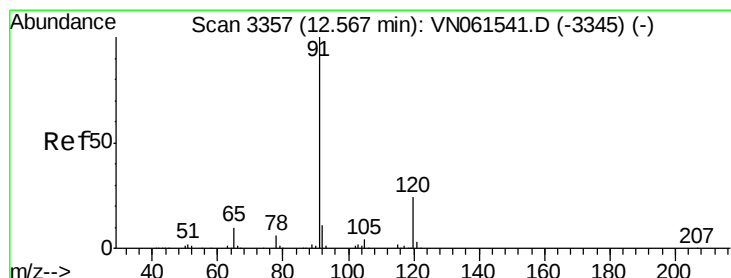
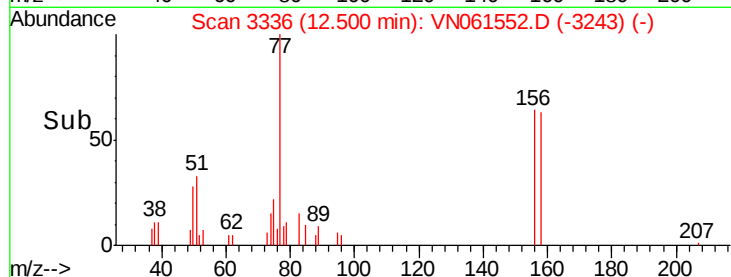
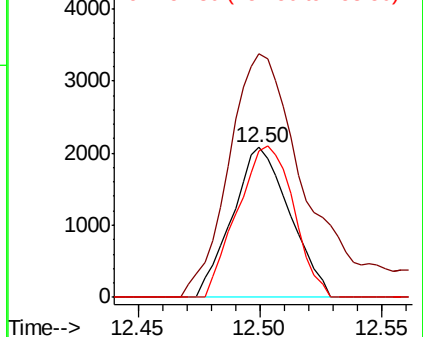
158 99.1 48.4 145.3



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: 0.902 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061552.D

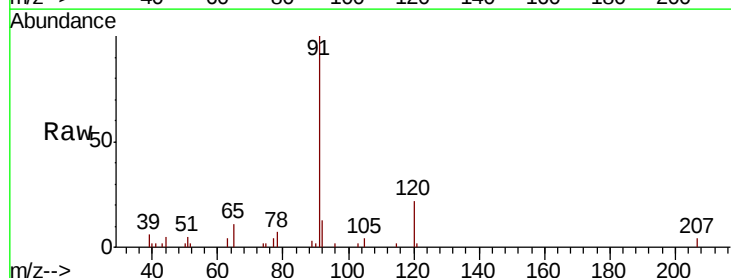
Acq: 29 May 2020 00:23

Tgt Ion: 91 Resp: 15271

Ion Ratio Lower Upper

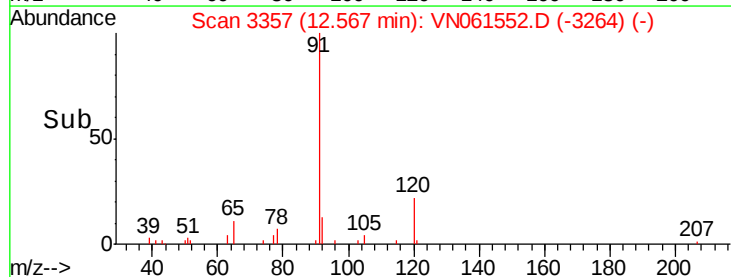
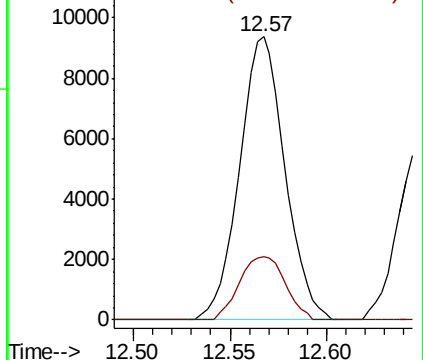
91 100

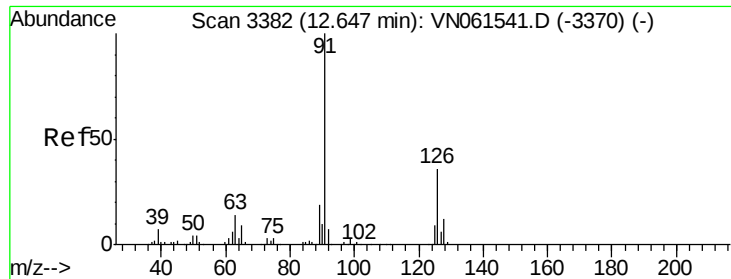
120 22.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.972 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

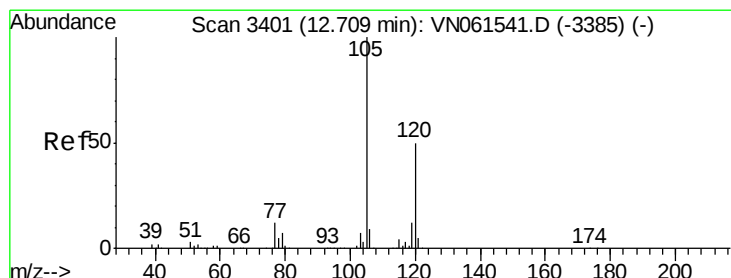
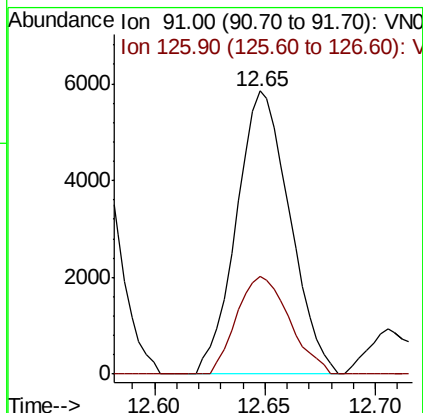
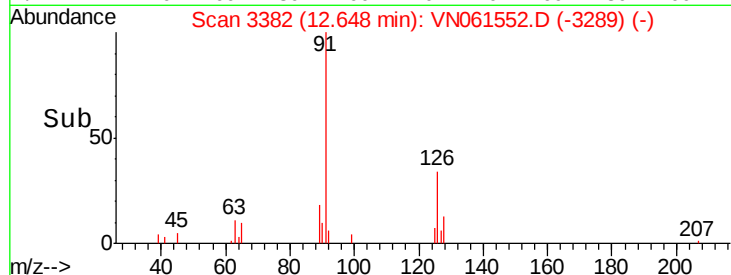
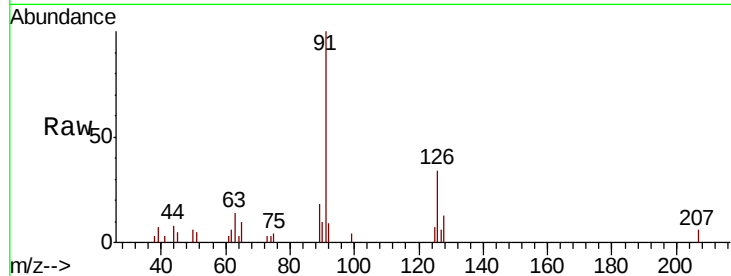
LOQ-WATER-02-QT2-2020

Tot Ion: 91 Resp: 9813

Ion Ratio Lower Upper

91 100

126 34.0 17.9 53.7



#80

1,3,5-Trimethylbenzene

Concen: 0.888 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061552.D

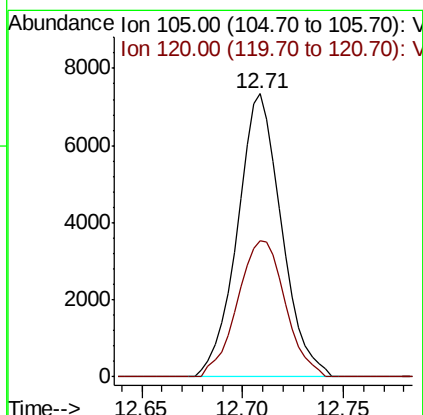
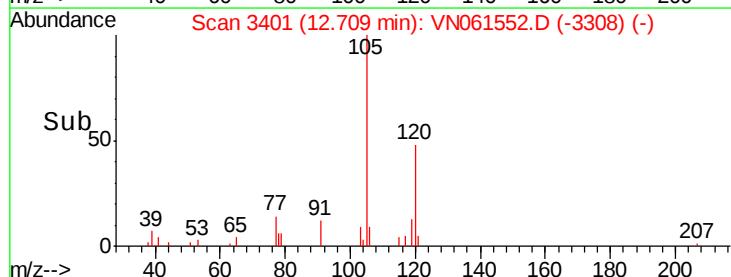
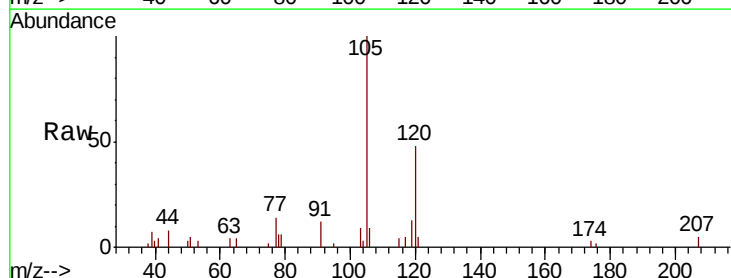
Acq: 29 May 2020 00:23

Tgt Ion: 105 Resp: 11256

Ion Ratio Lower Upper

105 100

120 52.1 25.1 75.2

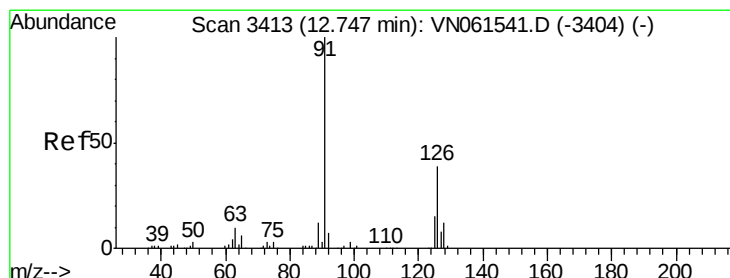
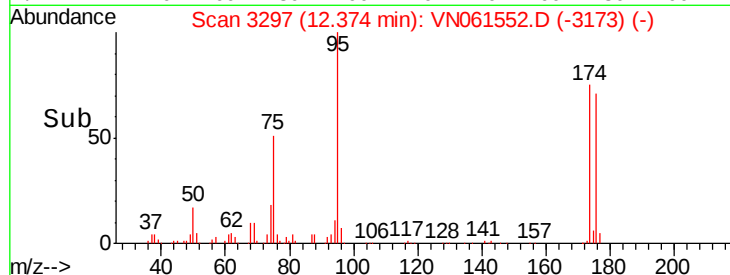
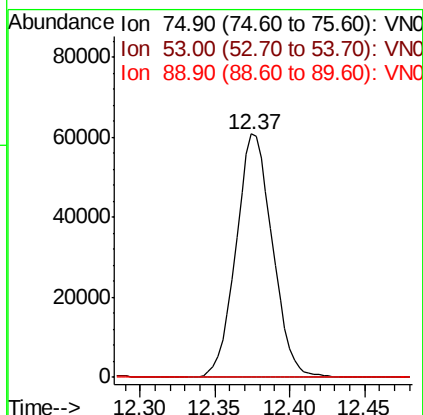
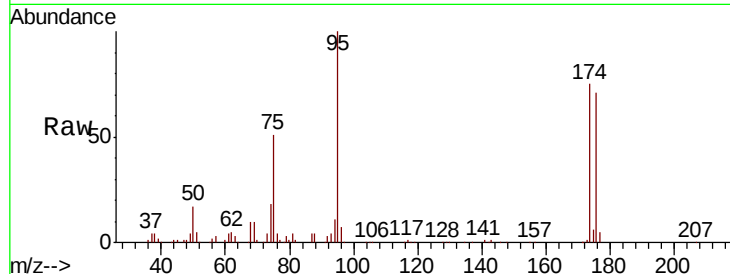




#81
trans-1,4-Dichloro-2-butene
Concen: 69.732 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.10 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

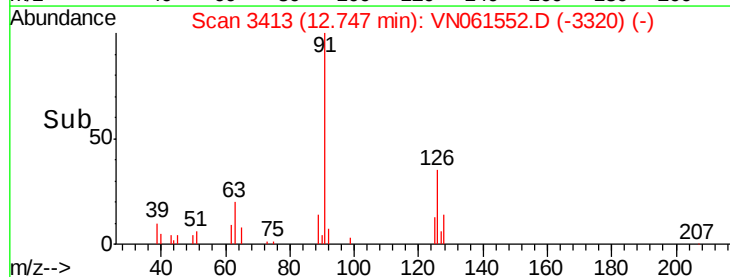
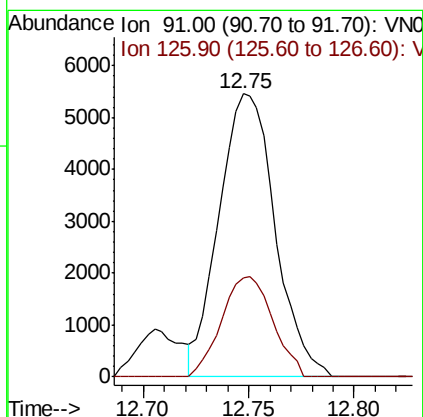
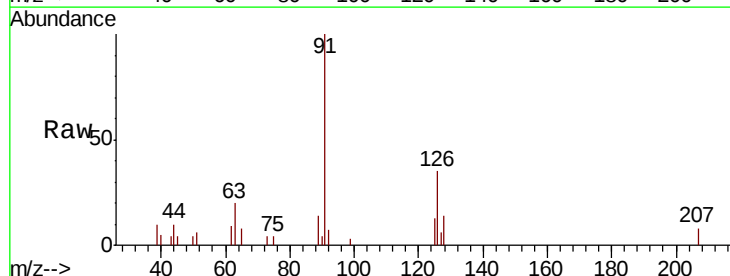
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT2-2020

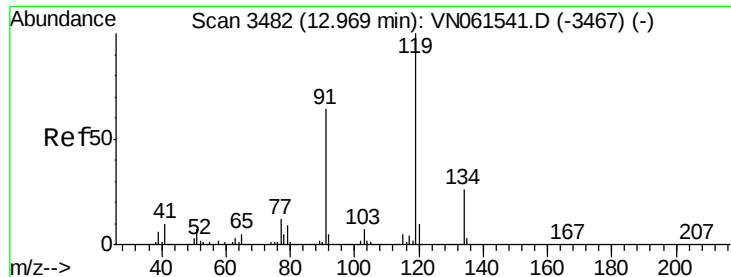
Tot Ion: 75 Resp: 103025
Ion Ratio Lower Upper
75 100
53 0.0 67.8 101.8#
89 0.0 37.1 55.7#



#82
4-Chlorotoluene
Concen: 0.951 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN061552.D
Acq: 29 May 2020 00:23

Tgt Ion: 91 Resp: 10096
Ion Ratio Lower Upper
91 100
126 32.4 17.5 52.6

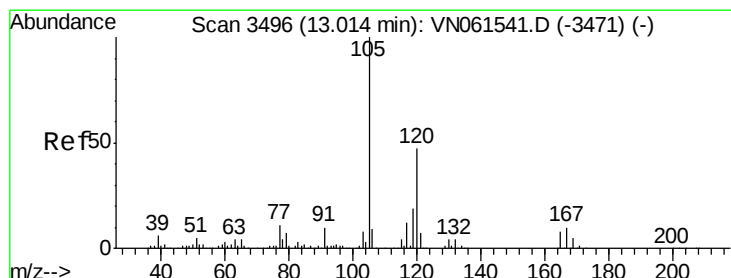
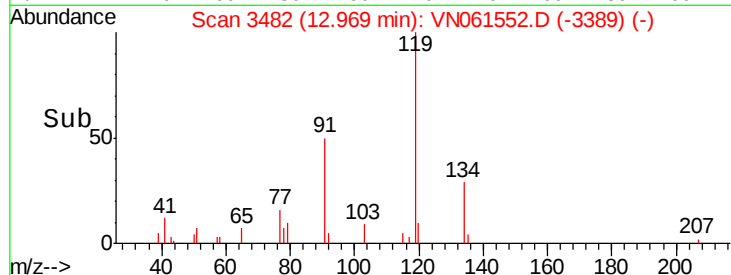
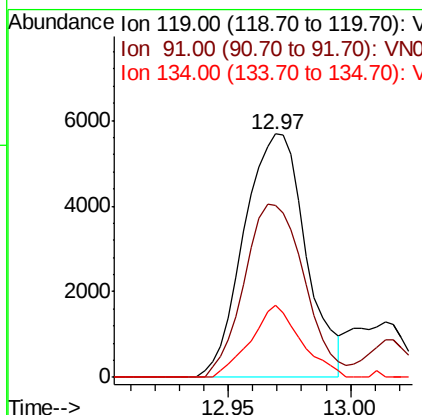
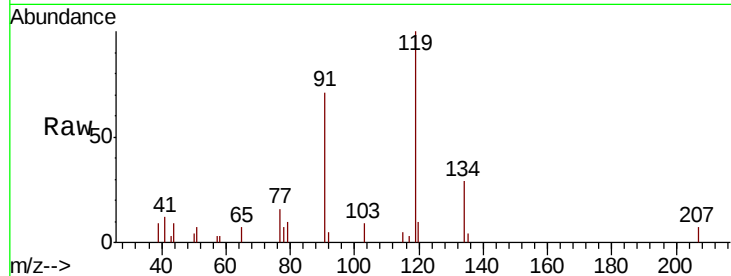




#83
 tert-Butylbenzene
 Concen: 0.894 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

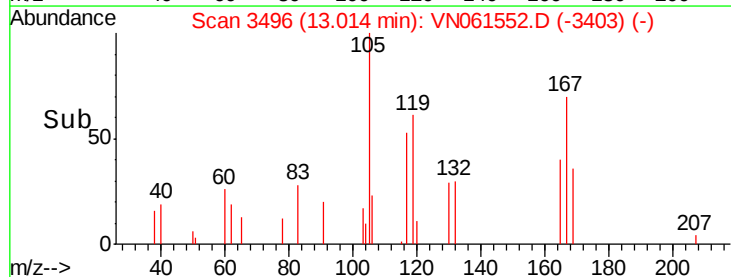
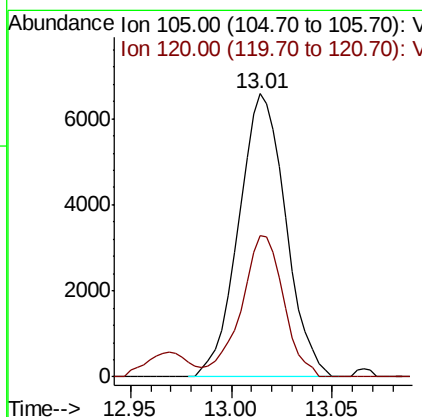
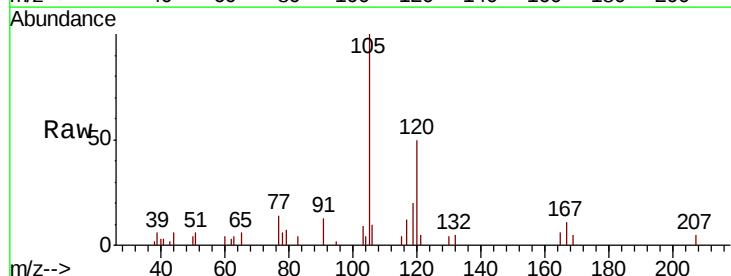
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion:119 Resp: 10010
 Ion Ratio Lower Upper
 119 100
 91 69.0 31.3 93.8
 134 24.1 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.854 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

Tgt Ion:105 Resp: 10752
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.2 69.5





#85

sec-Butylbenzene

Concen: 0.905 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

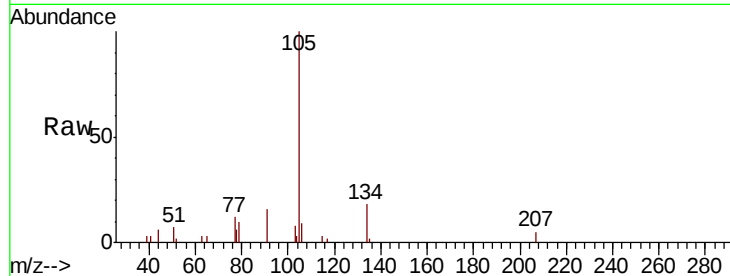
LOQ-WATER-02-QT2-2020

Tot Ion:105 Resp: 13061

Ion Ratio Lower Upper

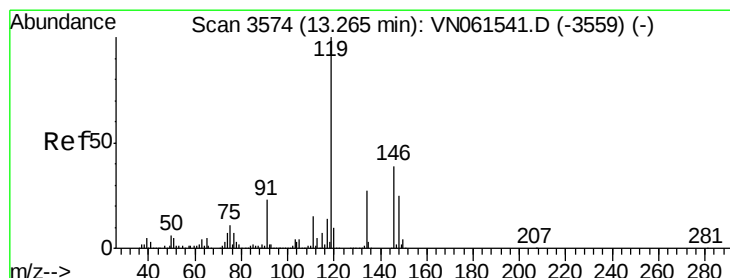
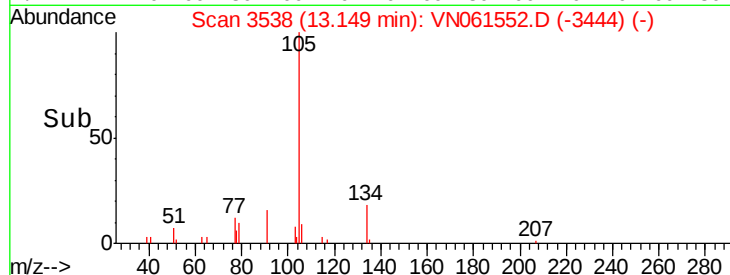
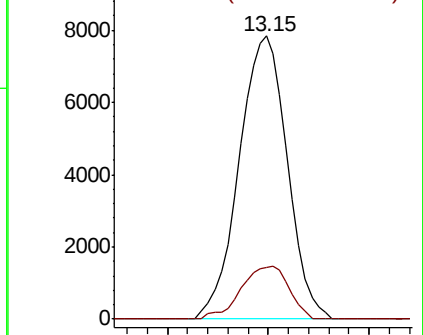
105 100

134 18.7 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.815 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

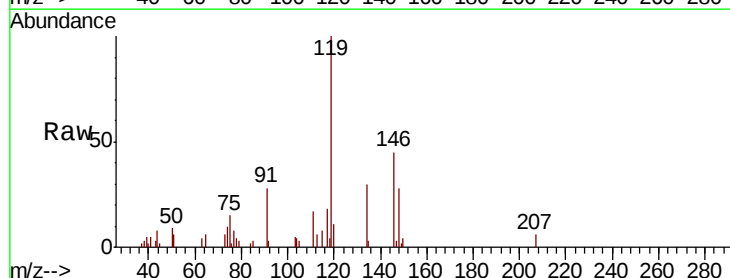
Tgt Ion:119 Resp: 10826

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

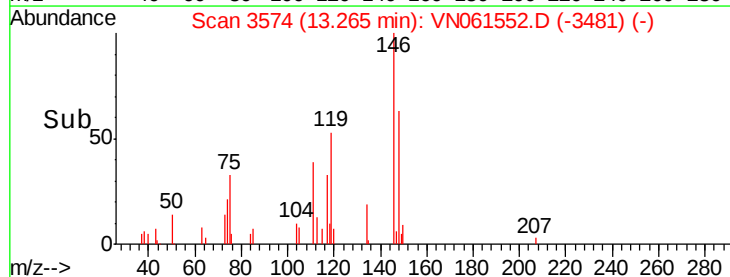
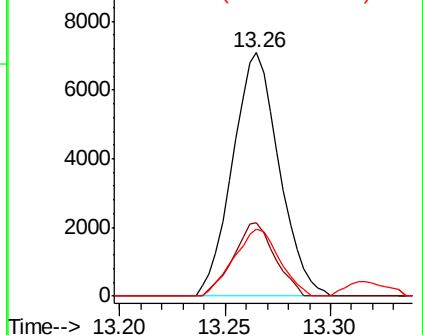
91 27.1 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

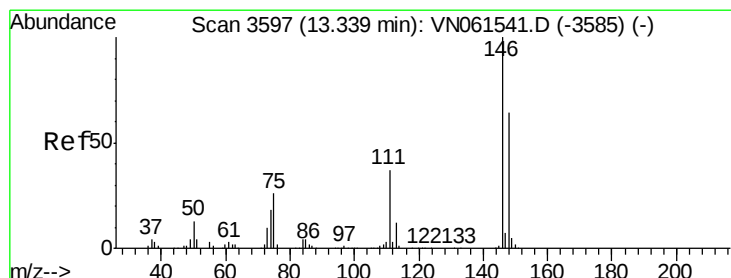
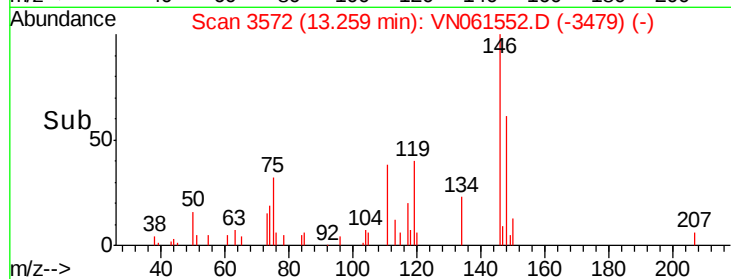
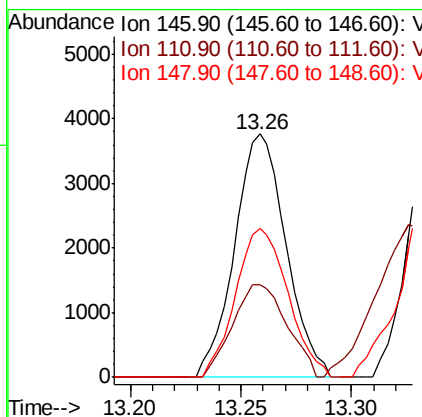
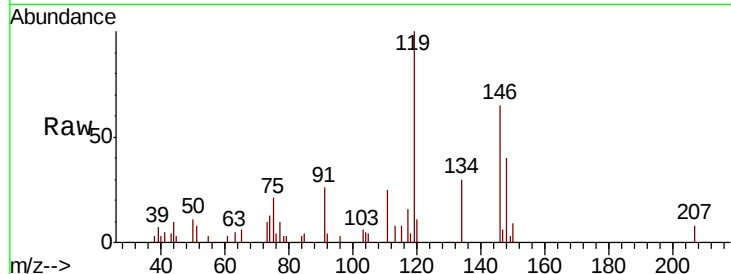




#87
 1,3-Dichlorobenzene
 Concen: 0.891 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

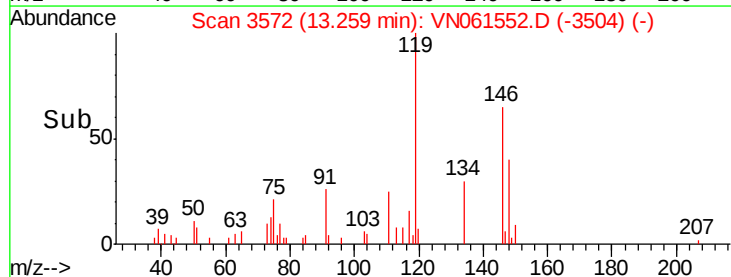
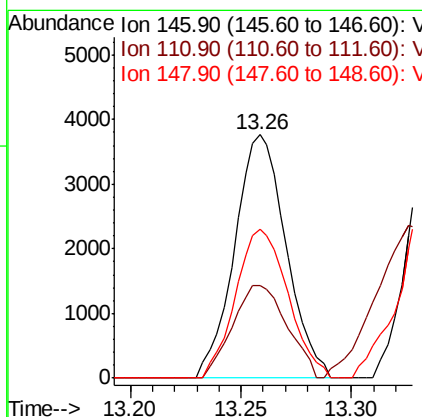
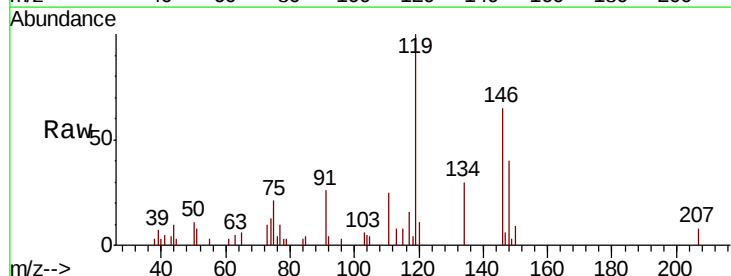
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion:146 Resp: 6106
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.2 57.6
 148 62.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 0.874 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.08 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

Tgt Ion:146 Resp: 6106
 Ion Ratio Lower Upper
 146 100
 111 40.3 18.9 56.9
 148 62.3 31.8 95.3





#89

n-Butylbenzene

Concen: 0.815 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

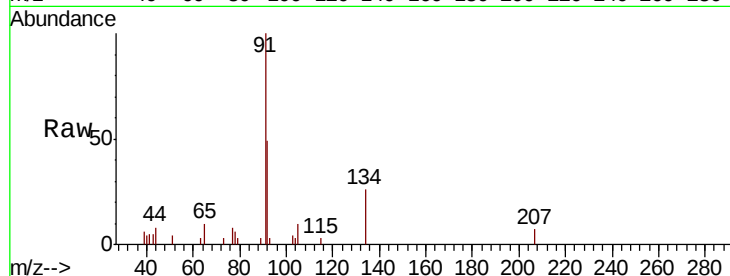
Tot Ion: 91 Resp: 9075

Ion Ratio Lower Upper

91 100

92 52.8 27.2 81.6

134 26.9 14.0 42.0

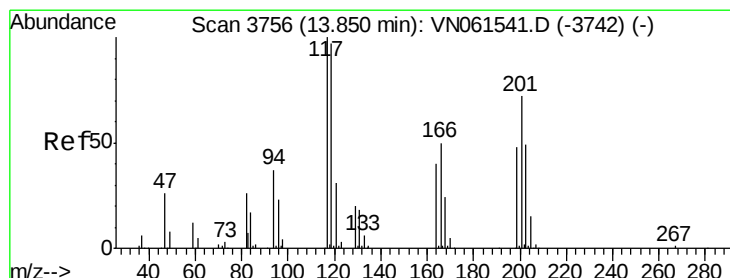
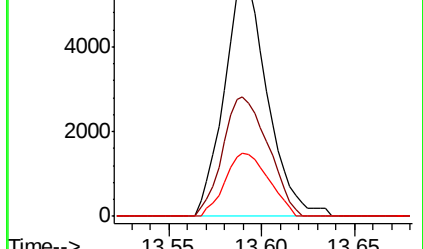
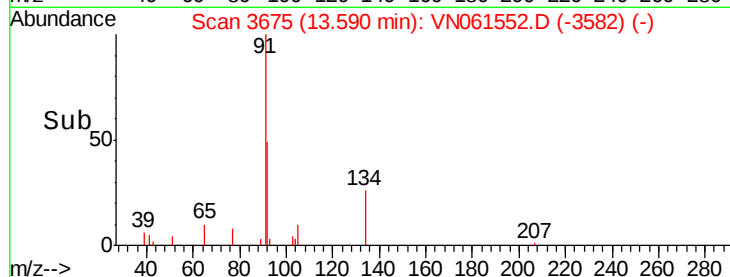


Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN061541.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN061541.D (-3661) (-)

Time-->



#90

Hexachloroethane

Concen: 0.699 ug/l

RT: 13.85 min Scan# 3757

Delta R.T. 0.00 min

Lab File: VN061552.D

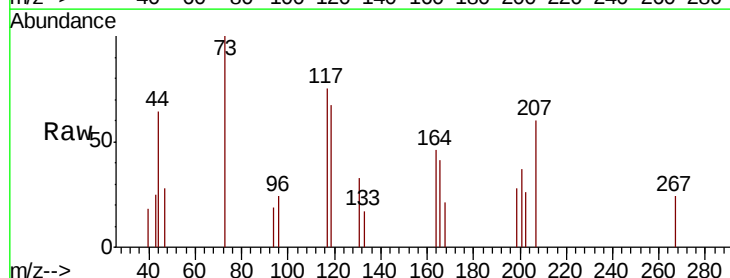
Acq: 29 May 2020 00:23

Tgt Ion: 117 Resp: 1028

Ion Ratio Lower Upper

117 100

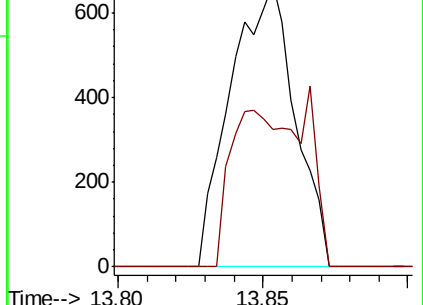
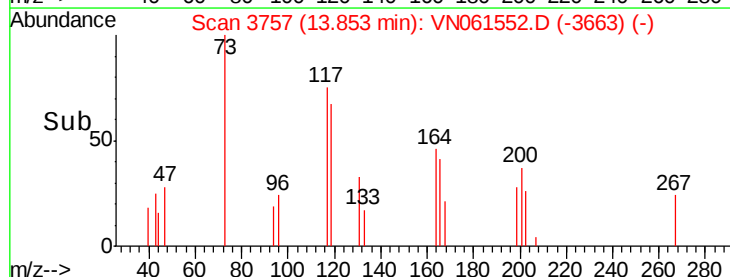
201 49.0 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061541.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061541.D (-3742) (-)

Time-->

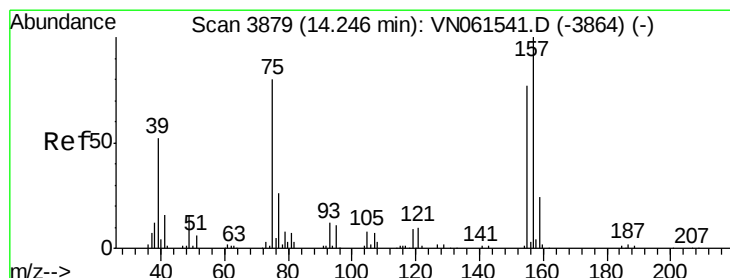
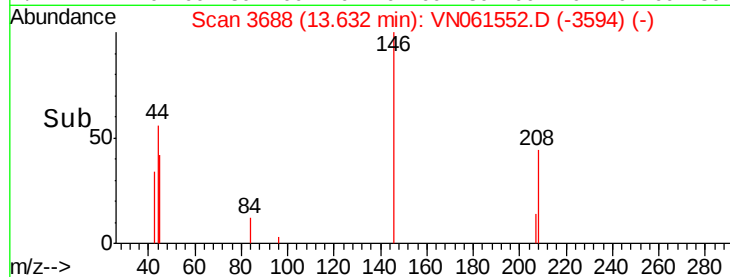
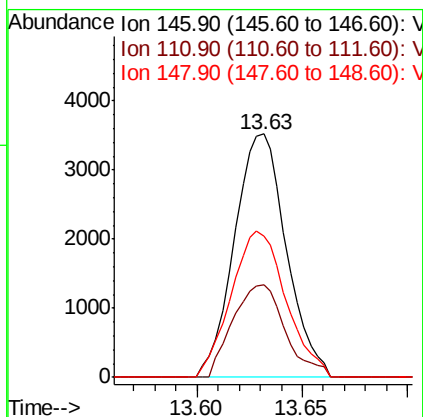
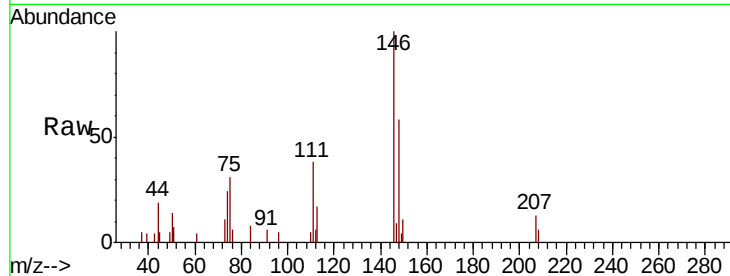




#91
 1,2-Dichlorobenzene
 Concen: 0.919 ug/l
 RT: 13.63 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

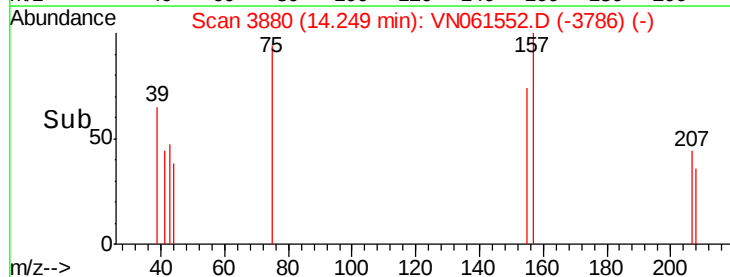
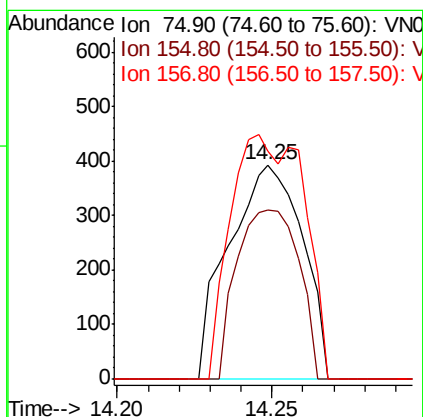
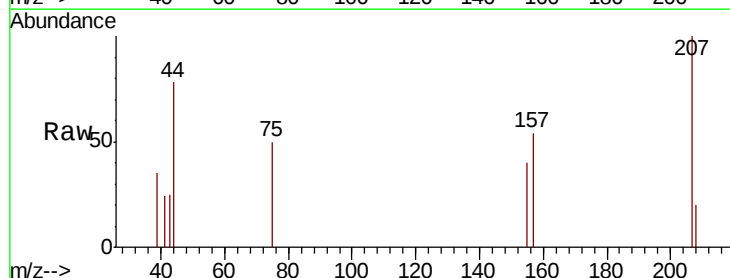
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion:146 Resp: 6019
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.1 60.2
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.750 ug/l
 RT: 14.25 min Scan# 3880
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

Tgt Ion: 75 Resp: 650
 Ion Ratio Lower Upper
 75 100
 155 66.5 47.1 141.4
 157 114.6 60.3 180.8

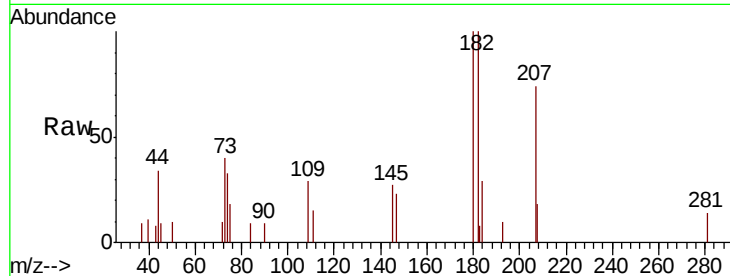




#93
 1,2,4-Trichlorobenzene
 Concen: 0.735 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
180	100		
182	109.2	47.8	143.3
145	29.8	15.5	46.5

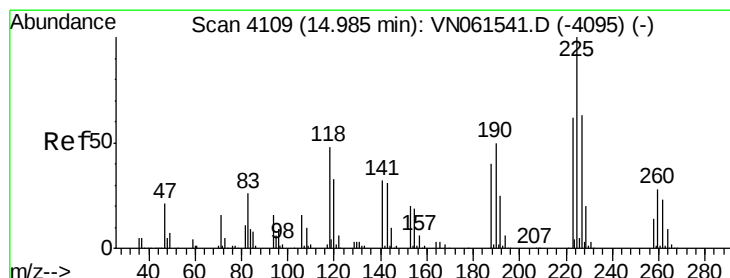
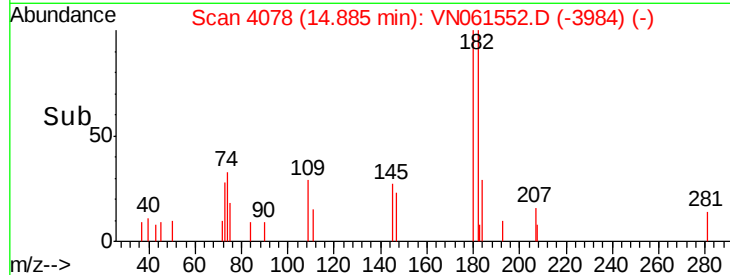
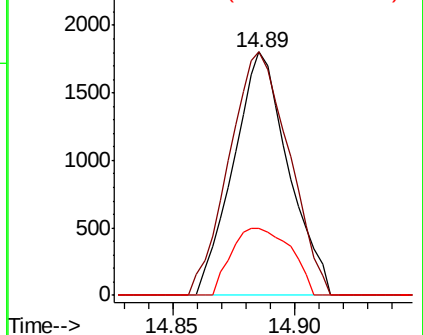


Abundance

Ion 179.80 (179.50 to 180.50): V

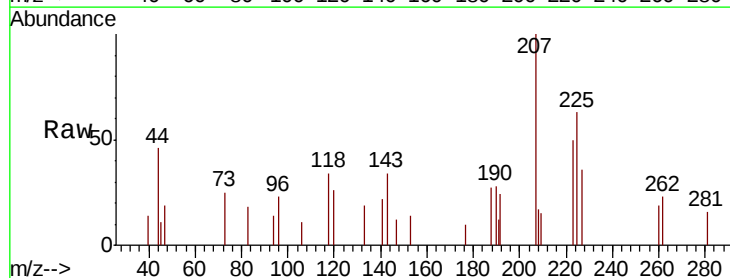
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 0.823 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061552.D
 Acq: 29 May 2020 00:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	75.7	31.9	95.5
227	59.8	31.9	95.9

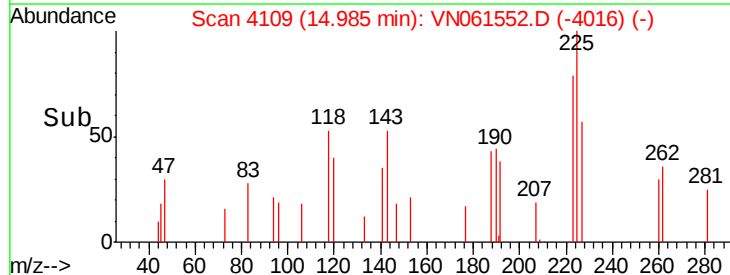
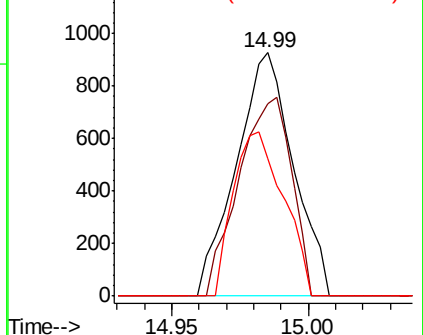


Abundance

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: 0.800 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT2-2020

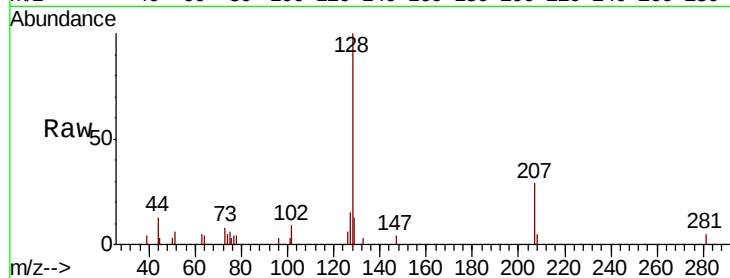
Tot Ion:128 Resp: 9324

Ion Ratio Lower Upper

128 100

127 13.5 10.0 15.0

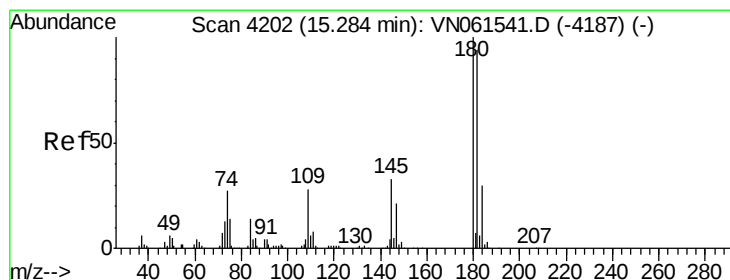
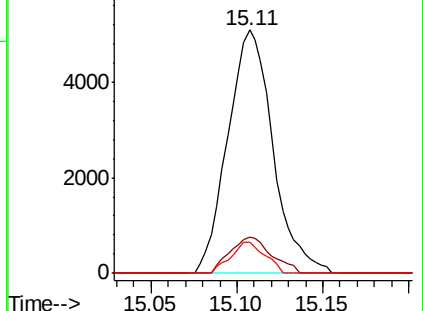
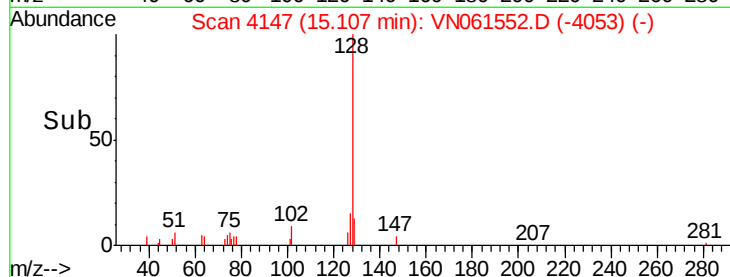
129 9.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.843 ug/l

RT: 15.29 min Scan# 4204

Delta R.T. 0.01 min

Lab File: VN061552.D

Acq: 29 May 2020 00:23

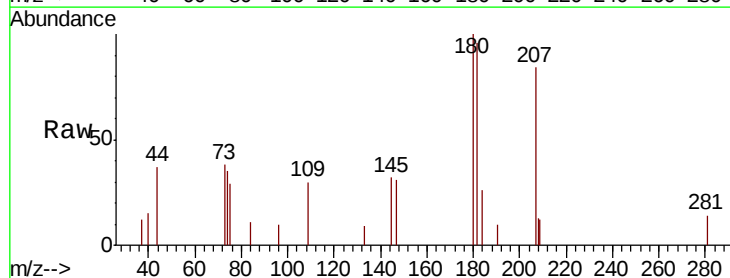
Tgt Ion:180 Resp: 3176

Ion Ratio Lower Upper

180 100

182 98.7 47.1 141.3

145 33.2 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

