

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064266.D
 Acq On : 22 Oct 2020 21:39
 Operator : JC/MD
 Sample : L4214-08 1.0PPB LOQ
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 3:37:53 PM

Quant Time: Oct 23 15:27:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 23 02:22:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	252494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	422653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	385519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	164769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	216100	57.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.26%	
35) Dibromofluoromethane	7.55	113	146749	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
50) Toluene-d8	10.06	98	526115	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.38	95	203409	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	2343	0.849	ug/l	91
3) Chloromethane	2.04	50	2295	0.786	ug/l #	53
4) Vinyl Chloride	2.17	62	2461	0.851	ug/l	96
6) Chloroethane	2.68	64	2056	1.167	ug/l	98
7) Trichlorofluoromethane	2.99	101	4331	0.910	ug/l #	75
8) Diethyl Ether	3.37	74	1213	0.771	ug/l #	1
9) 1,1,2-Trichlorotrifluoroet	3.73	101	2048	0.832	ug/l #	77
12) 1,1-Dichloroethene	3.70	96	1599	0.676	ug/l #	93
14) Allyl chloride	4.29	41	4448	0.939	ug/l #	79
15) Acrylonitrile	4.93	53	4165m	4.013	ug/l	
16) Acetone	3.78	43	5333	4.971	ug/l #	77
17) Carbon Disulfide	4.01	76	5817	0.862	ug/l #	93
18) Methyl Acetate	4.28	43	3653m	1.336	ug/l	
19) Methyl tert-butyl Ether	5.00	73	7458m	0.917	ug/l	
20) Methylene Chloride	4.50	84	3747m	1.310	ug/l	
21) trans-1,2-Dichloroethene	5.00	96	2422m	0.928	ug/l	
22) Diisopropyl ether	5.90	45	7817	0.888	ug/l #	93
23) Vinyl Acetate	5.85	43	33707	4.293	ug/l #	93
24) 1,1-Dichloroethane	5.80	63	4559m	0.894	ug/l	
25) 2-Butanone	6.79	43	7853	4.607	ug/l #	88
26) 2,2-Dichloropropane	6.78	77	4147	0.817	ug/l #	71
27) cis-1,2-Dichloroethene	6.78	96	3385	1.114	ug/l	79
28) Bromochloromethane	7.15	49	2089m	0.862	ug/l	
29) Tetrahydrofuran	7.18	42	4893	4.799	ug/l #	47
30) Chloroform	7.32	83	5513	1.013	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	4459m	0.875	ug/l	
36) 1,1-Dichloropropene	7.75	75	4002	0.950	ug/l	97
37) Ethyl Acetate	6.90	43	4067m	1.063	ug/l	
38) Carbon Tetrachloride	7.73	117	4471	0.933	ug/l	97
39) Methylcyclohexane	9.04	83	3077	0.803	ug/l #	83
40) Benzene	8.00	78	10245	0.881	ug/l	100
41) Methacrylonitrile	7.13	41	1823m	0.908	ug/l	
42) 1,2-Dichloroethane	8.08	62	4815	0.966	ug/l	97
43) Isopropyl Acetate	8.13	43	6718	0.942	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)
44) Trichloroethene	8.79	130	3150	0.994	ug/l	81
45) 1,2-Dichloropropane	9.08	63	2798	0.901	ug/l #	66
46) Dibromomethane	9.17	93	1965	0.942	ug/l	99
47) Bromodichloromethane	9.37	83	3999	0.868	ug/l #	82
48) Methyl methacrylate	9.17	41	3461m	0.929	ug/l	
49) 1,4-Dioxane	9.17	88	664	15.237	ug/l #	63
51) 4-Methyl-2-Pentanone	9.95	43	17184	4.510	ug/l	98
52) Toluene	10.13	92	5621	0.755	ug/l	81
53) t-1,3-Dichloropropene	10.35	75	4140	0.809	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	4333	0.804	ug/l	92
55) 1,1,2-Trichloroethane	10.54	97	2632m	0.936	ug/l	
56) Ethyl methacrylate	10.40	69	3915	0.901	ug/l #	94
57) 1,3-Dichloropropane	10.68	76	4668	0.956	ug/l #	72
58) 2-Chloroethyl Vinyl ether	9.67	63	9808	4.382	ug/l	98
59) 2-Hexanone	10.73	43	12601	4.528	ug/l	92
60) Dibromochloromethane	10.87	129	2735	0.752	ug/l	98
61) 1,2-Dibromoethane	10.98	107	2412	0.813	ug/l	95
64) Tetrachloroethene	10.61	164	3006	0.969	ug/l	88
65) Chlorobenzene	11.41	112	6895	0.864	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.48	131	2960	0.934	ug/l #	63
67) Ethyl Benzene	11.48	91	11884	0.810	ug/l	96
68) m/p-Xylenes	11.59	106	9112	1.677	ug/l	97
69) o-Xylene	11.92	106	4229	0.805	ug/l	99
70) Styrene	11.94	104	6531	0.741	ug/l #	87
71) Bromoform	12.10	173	1871	0.765	ug/l #	95
73) Isopropylbenzene	12.22	105	11812	0.940	ug/l	96
74) N-amyl acetate	12.05	43	4340	0.799	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.48	83	2977	0.893	ug/l #	93
76) 1,2,3-Trichloropropane	12.53	75	3656m	1.053	ug/l	
77) Bromobenzene	12.50	156	2775	0.935	ug/l	93
78) n-propylbenzene	12.57	91	12324	0.870	ug/l	99
79) 2-Chlorotoluene	12.65	91	8437	0.969	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	9100	0.857	ug/l	94
82) 4-Chlorotoluene	12.75	91	9048	0.997	ug/l	86
83) tert-Butylbenzene	12.97	119	7737	0.888	ug/l	89
84) 1,2,4-Trimethylbenzene	13.02	105	8519	0.806	ug/l	96
85) sec-Butylbenzene	13.15	105	9432	0.859	ug/l	98
86) p-Isopropyltoluene	13.26	119	7928	0.793	ug/l	94
87) 1,3-Dichlorobenzene	13.26	146	5095	0.965	ug/l	94
88) 1,4-Dichlorobenzene	13.33	146	5461	1.011	ug/l	86
89) n-Butylbenzene	13.59	91	6859	0.765	ug/l	93
90) Hexachloroethane	13.85	117	1281m	0.707	ug/l	
91) 1,2-Dichlorobenzene	13.63	146	4673	0.902	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.24	75	688	0.827	ug/l	85
93) 1,2,4-Trichlorobenzene	14.88	180	2265	0.780	ug/l	90
94) Hexachlorobutadiene	14.99	225	1572	1.003	ug/l	88
95) Naphthalene	15.11	128	6207	0.714	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	2260	0.786	ug/l #	20

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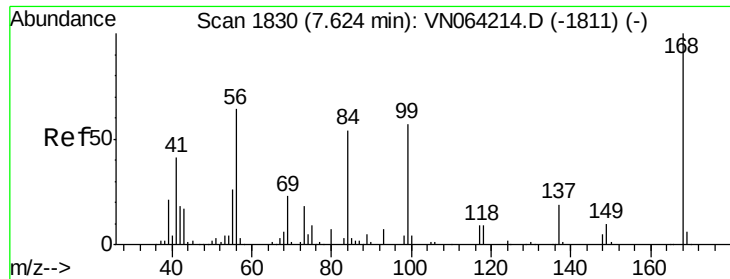
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064266.D

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Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:168 Resp: 252494

Ion Ratio Lower Upper

168 100

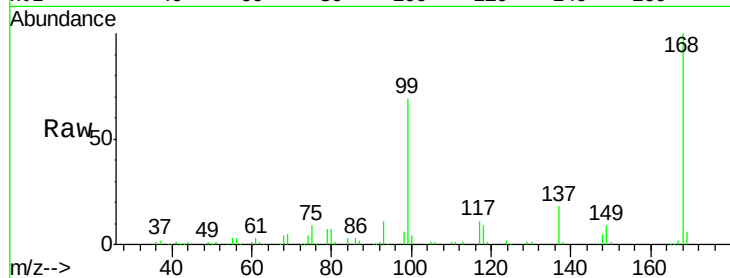
99 69.1 54.0 81.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

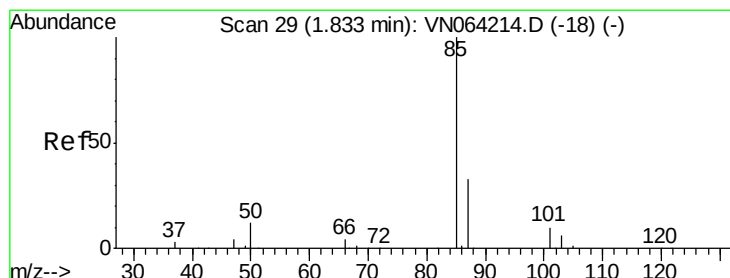
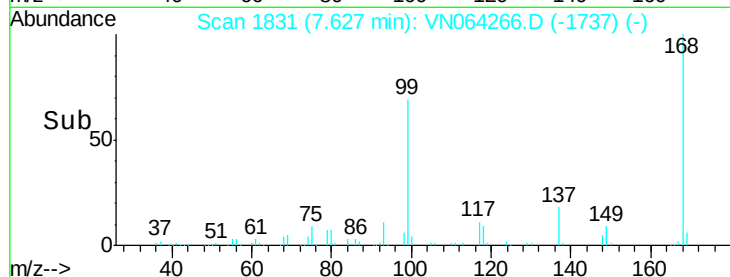
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 0.849 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064266.D

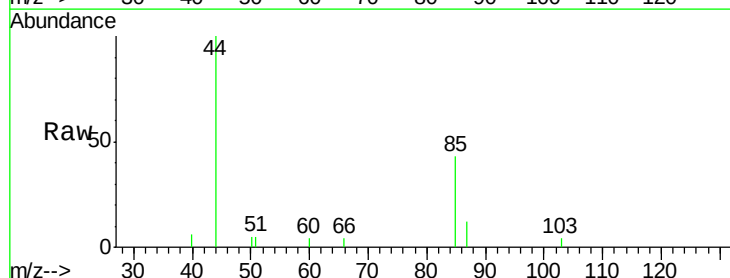
Acq: 22 Oct 2020 21:39

Tgt Ion: 85 Resp: 2343

Ion Ratio Lower Upper

85 100

87 27.9 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

2000

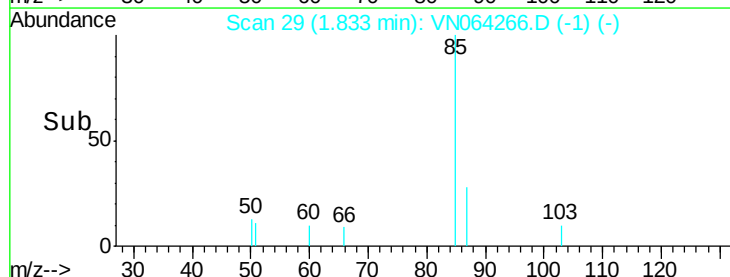
1500

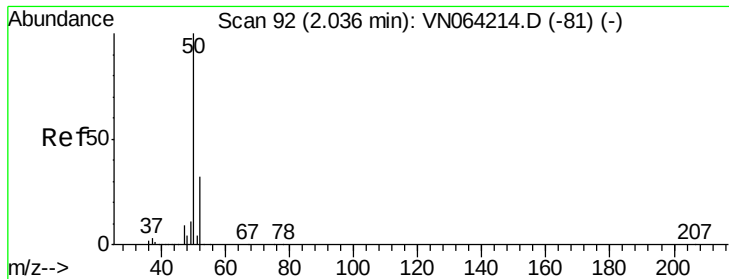
1000

500

0

Time--> 1.80 1.85





#3

Chloromethane

Concen: 0.786 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 50 Resp: 2295

Ion Ratio Lower Upper

50 100

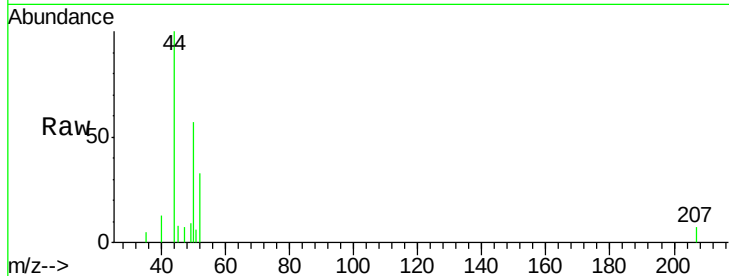
52 57.4 25.3 37.9#

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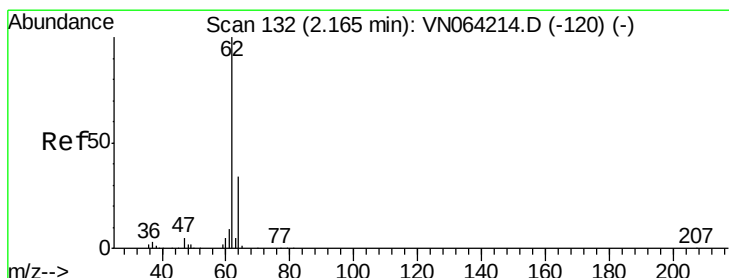
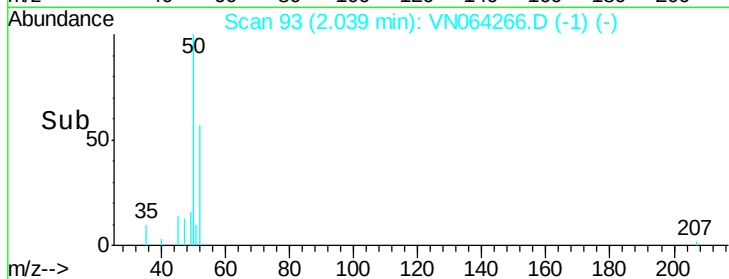
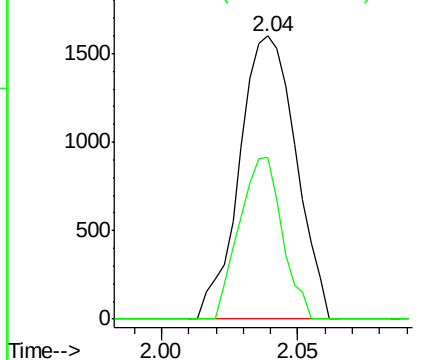
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 0.851 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064266.D

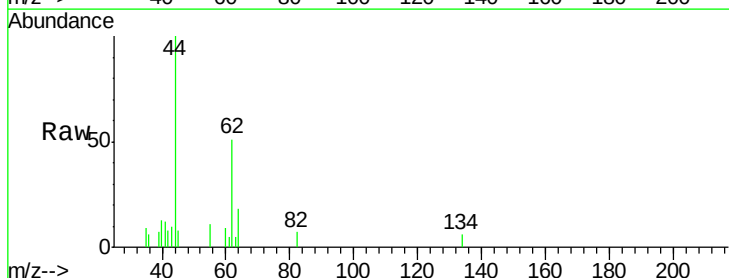
Acq: 22 Oct 2020 21:39

Tgt Ion: 62 Resp: 2461

Ion Ratio Lower Upper

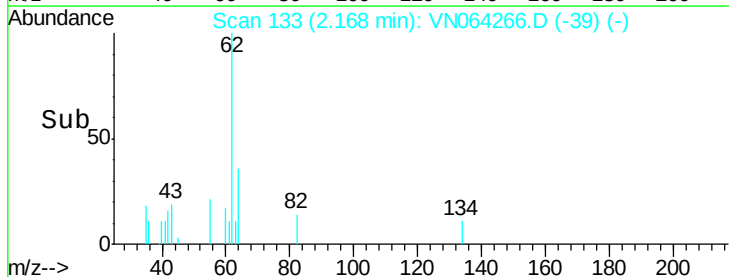
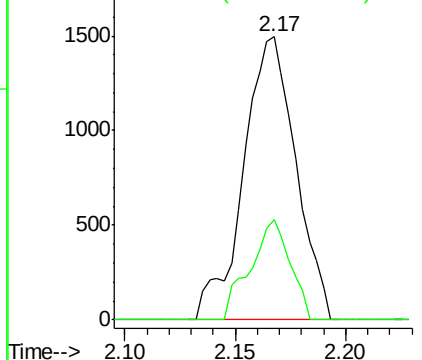
62 100

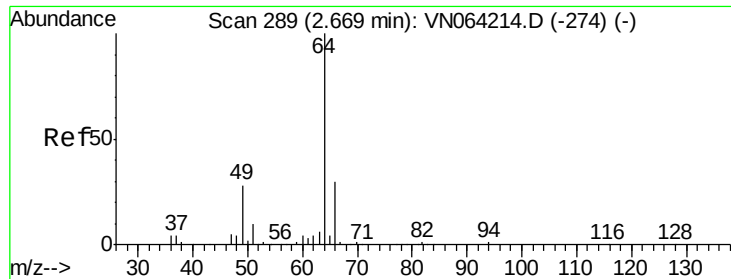
64 35.7 26.8 40.2



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#6

Chloroethane

Concen: 1.167 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Instrument :

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ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 64 Resp: 2056

Ion Ratio Lower Upper

64 100

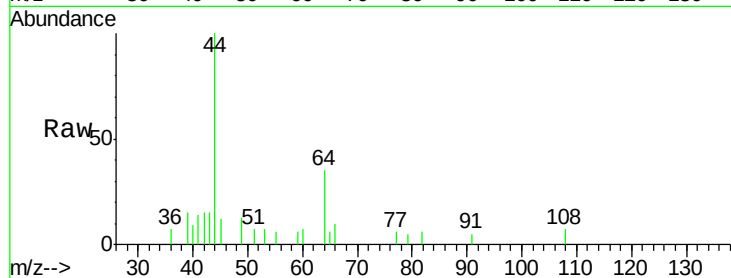
66 29.3 24.5 36.7

Manual Integrations

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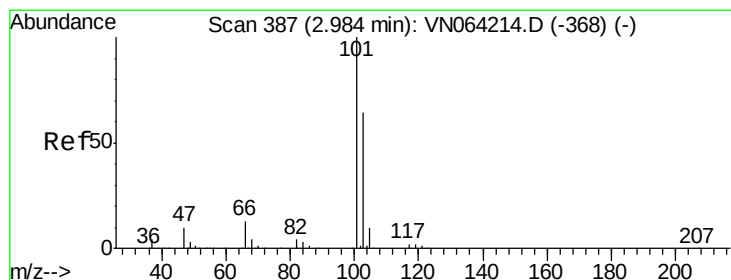
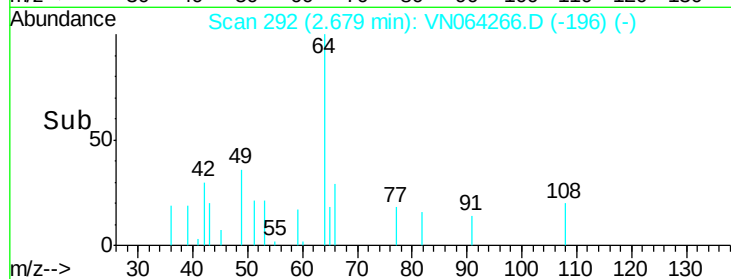
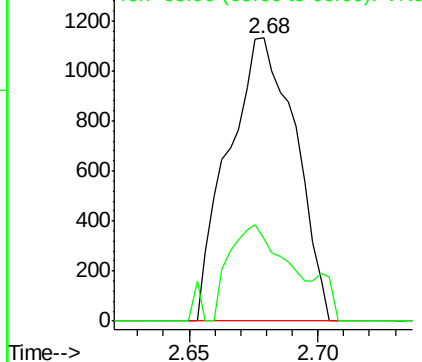
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Abundance Ion 63.90 (63.60 to 64.60): VN064266.D (-196) (-)

Ion 65.90 (65.60 to 66.60): VN064266.D (-196) (-)



#7

Trichlorofluoromethane

Concen: 0.910 ug/l

RT: 2.99 min Scan# 390

Delta R.T. 0.01 min

Lab File: VN064266.D

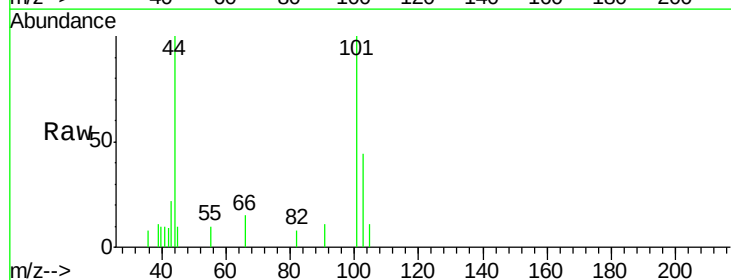
Acq: 22 Oct 2020 21:39

Tgt Ion: 101 Resp: 4331

Ion Ratio Lower Upper

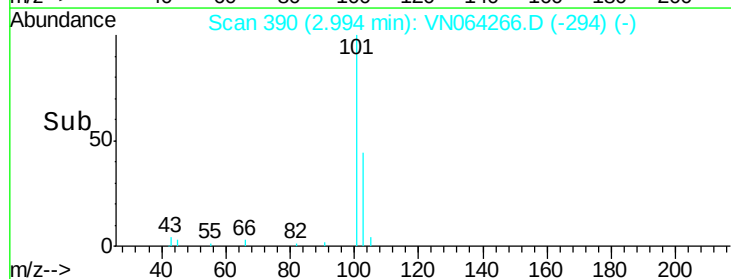
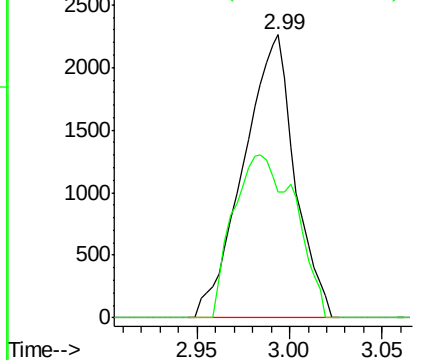
101 100

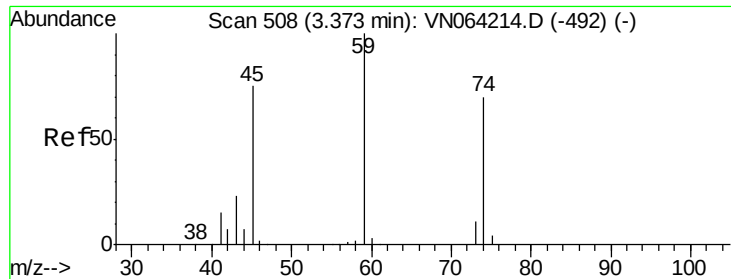
103 44.3 51.0 76.6#



Abundance Ion 100.90 (100.60 to 101.60): VN064266.D (-294) (-)

Ion 102.80 (102.50 to 103.50): VN064266.D (-294) (-)





#8

Diethyl Ether

Concen: 0.771 ug/l

RT: 3.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

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LOQ-WATER-02-QT4-2020

Tot Ion: 74 Resp: 1213

Ion Ratio Lower Upper

74 100

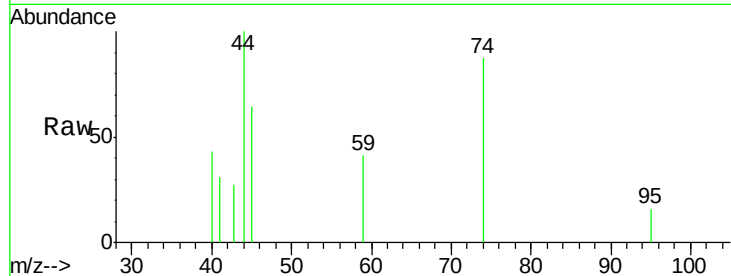
45 0.0 51.3 154.0#

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Abundance Ion 74.00 (73.70 to 74.70): VN064214.D (-492) (-)

Ion 45.00 (44.70 to 45.70): VN064214.D (-492) (-)

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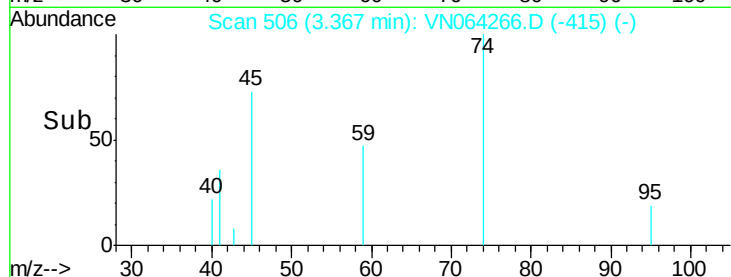
3.37

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.832 ug/l

RT: 3.73 min Scan# 619

Delta R.T. 0.01 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

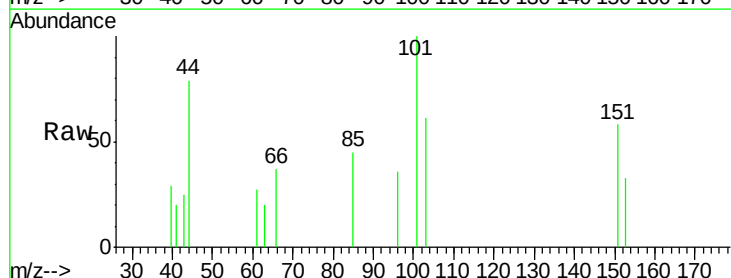
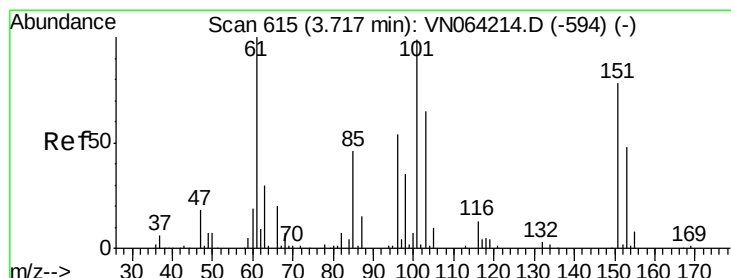
Tgt Ion: 101 Resp: 2048

Ion Ratio Lower Upper

101 100

85 16.5 37.8 56.8#

151 69.0 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): VN064214.D (-594) (-)

Ion 84.90 (84.60 to 85.60): VN064214.D (-594) (-)

Ion 150.80 (150.50 to 151.50): VN064214.D (-594) (-)

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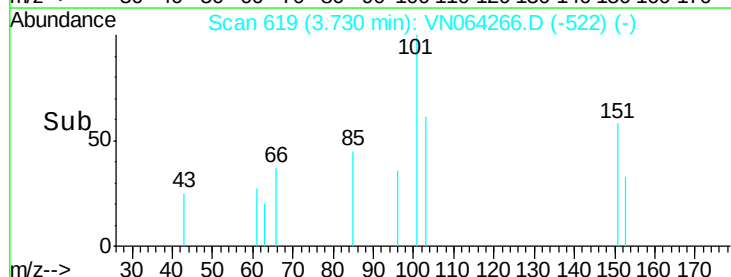
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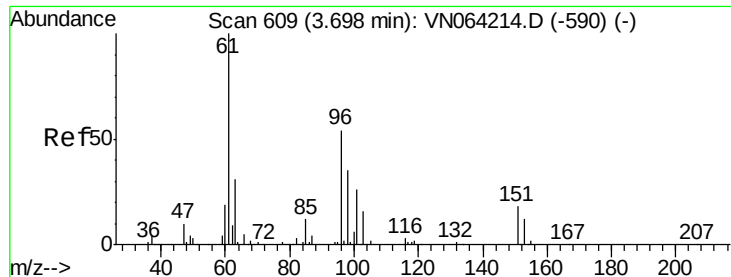
3.73

3.73

3.73



Time-->



#12

1,1-Dichloroethene

Concen: 0.676 ug/l

RT: 3.70 min Scan# 611

Delta R.T. 0.01 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Instrument :

MSVOA_N

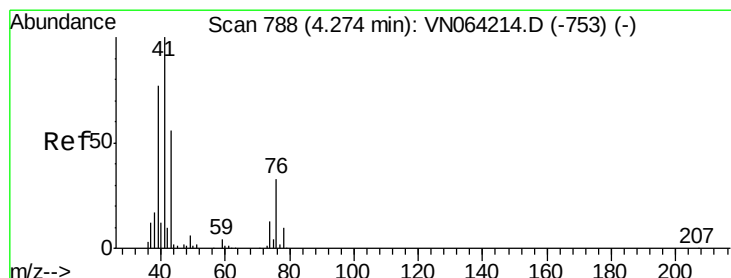
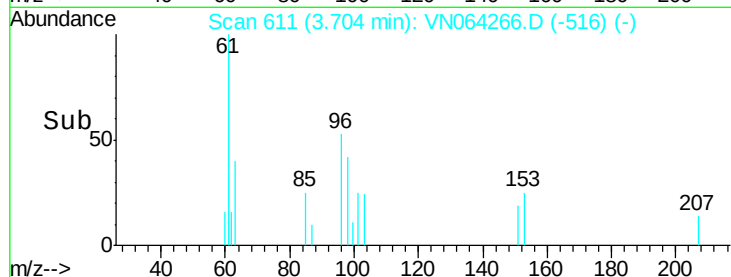
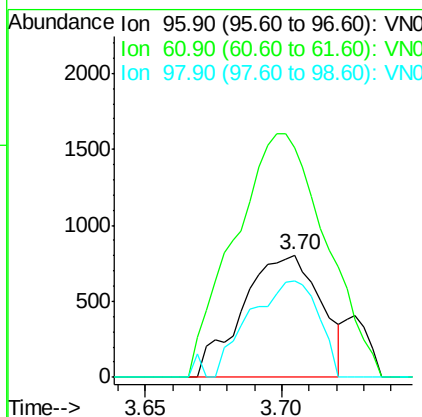
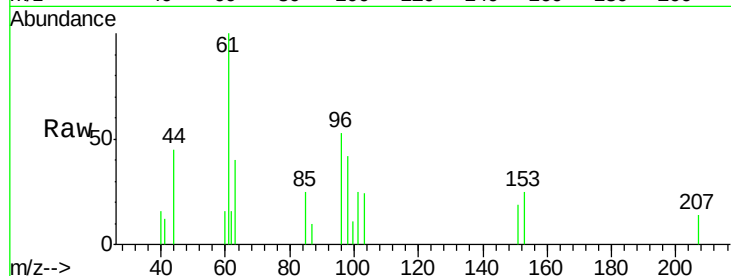
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	96	Resp:	1599
Ion	Ratio	Lower	Upper
96	100		
61	188.1	147.0	220.4
98	79.1	51.7	77.5#

Manual Integrations
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#14

Allyl chloride

Concen: 0.939 ug/l

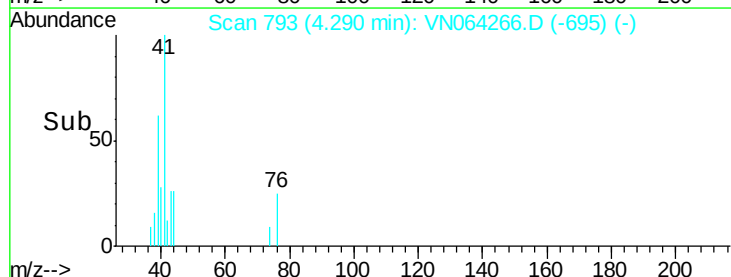
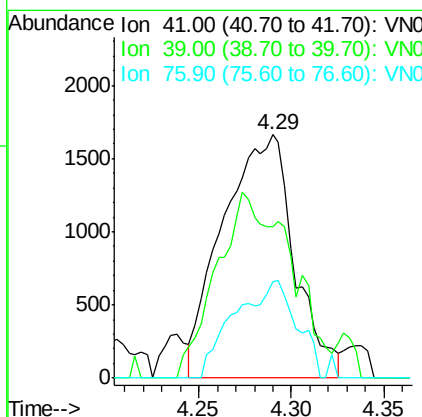
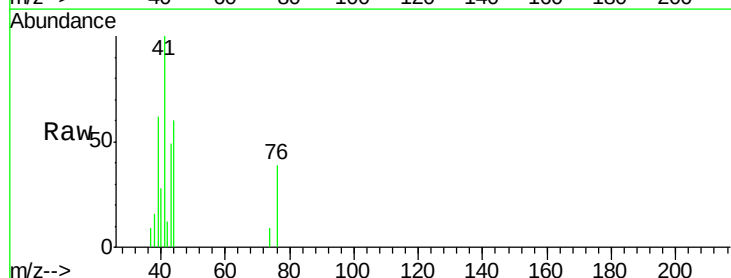
RT: 4.29 min Scan# 793

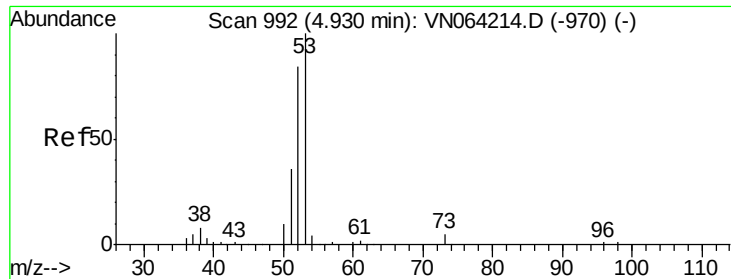
Delta R.T. 0.02 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Tgt Ion:	41	Resp:	4448
Ion	Ratio	Lower	Upper
41	100		
39	50.4	58.6	88.0#
76	34.8	24.5	36.7





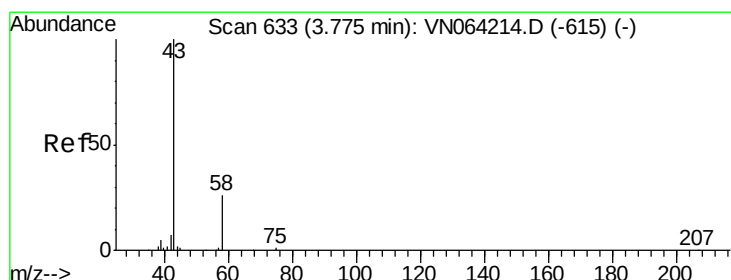
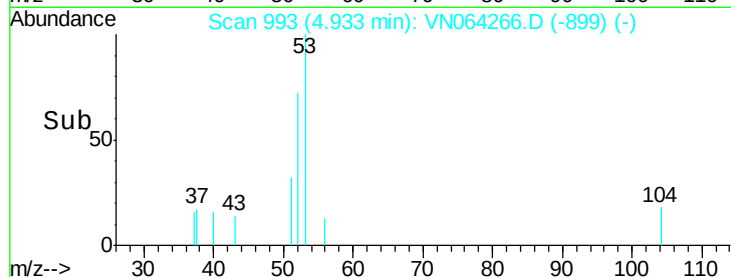
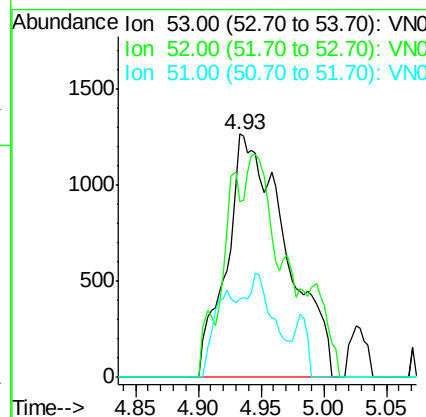
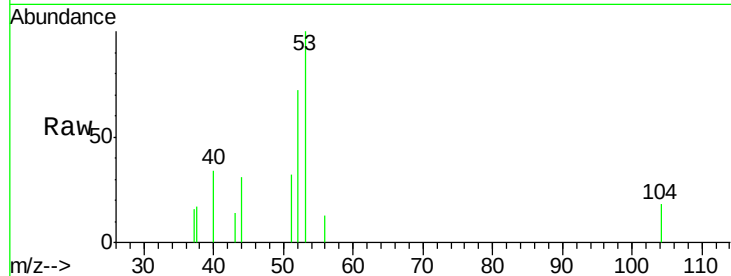
#15
 Acrylonitrile
 Concen: 4.013 ug/l m
 RT: 4.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
53	100		
52	27.3	66.8	100.2#
51	12.9	30.7	46.1#

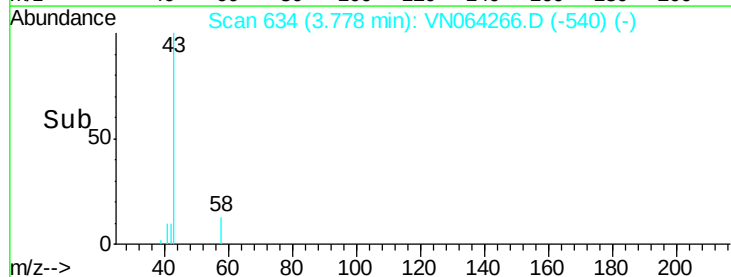
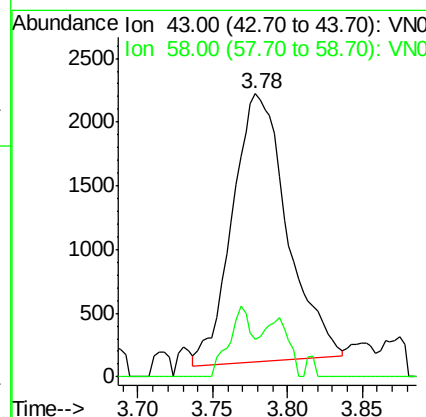
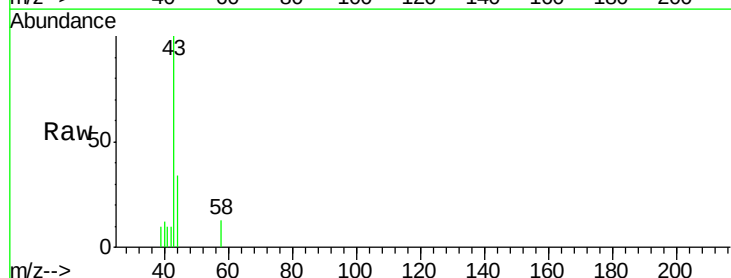
Manual Integrations
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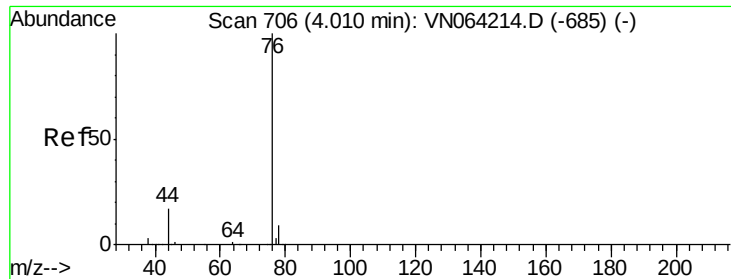
MMDadoda
 10/23/2020 3:37:53 PM



#16
 Acetone
 Concen: 4.971 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	14.3	21.0	31.4#





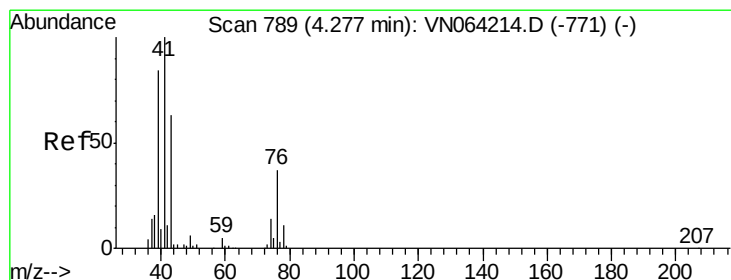
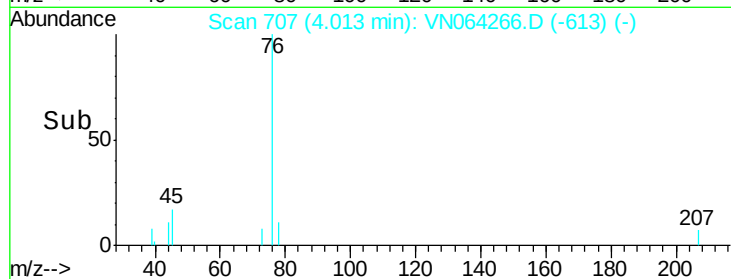
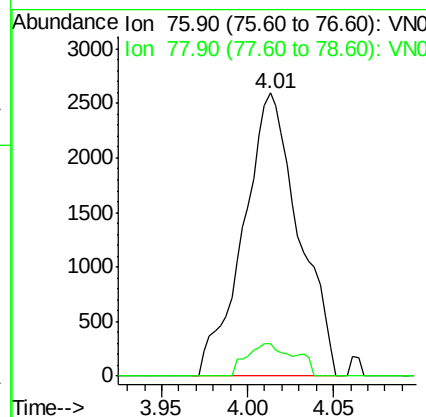
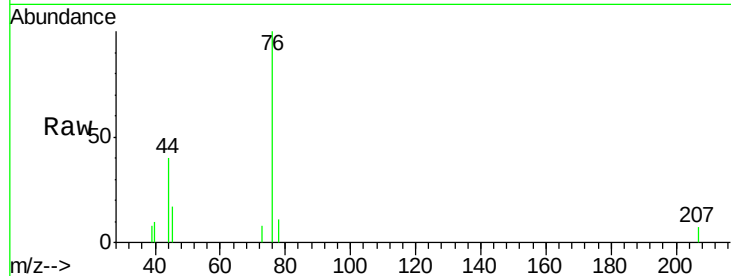
#17
Carbon Disulfide
Concen: 0.862 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion: 76 Resp: 5817
Ion Ratio Lower Upper
76 100
78 11.4 7.1 10.7#

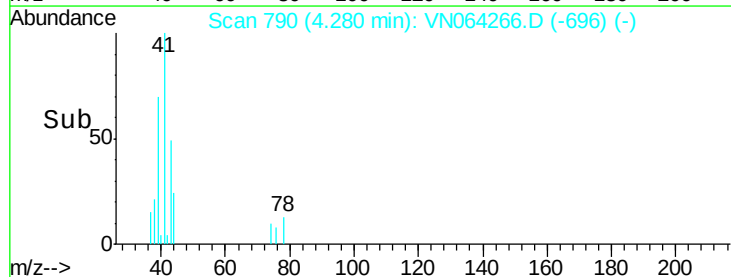
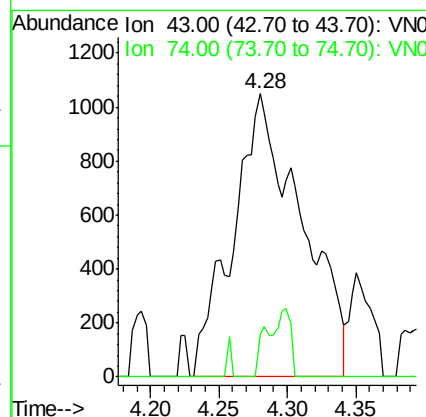
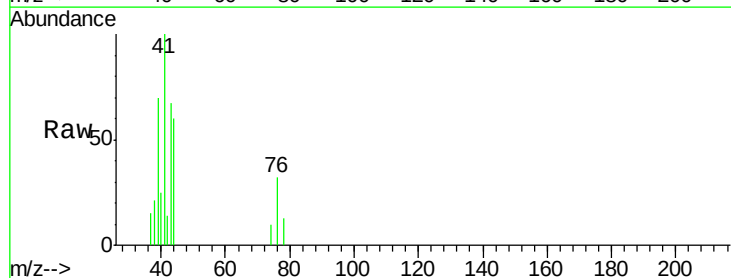
Manual Integrations
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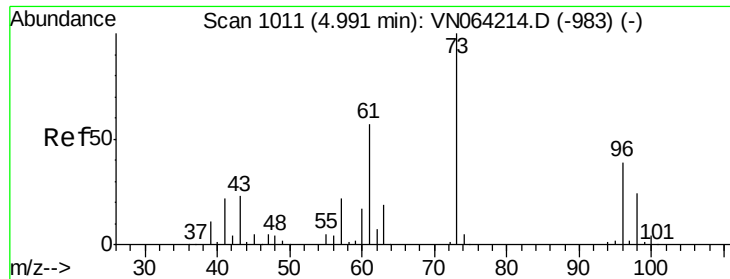
MMDadoda
10/23/2020 3:37:53 PM



#18
Methyl Acetate
Concen: 1.336 ug/l m
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Tgt Ion: 43 Resp: 3653
Ion Ratio Lower Upper
43 100
74 3.4 17.9 26.9#





#19

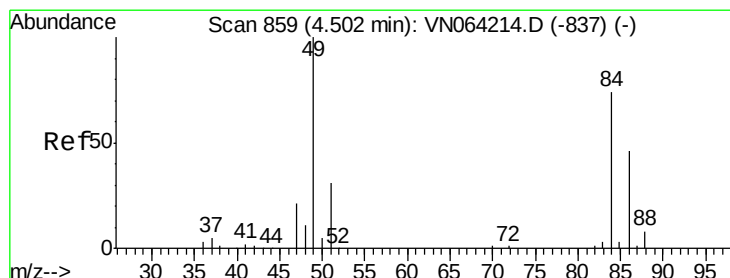
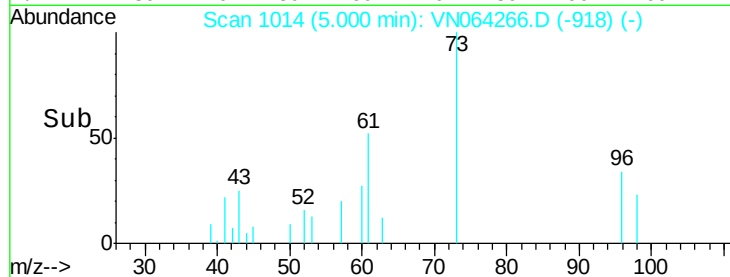
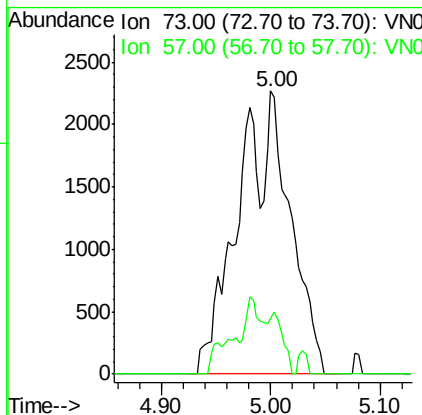
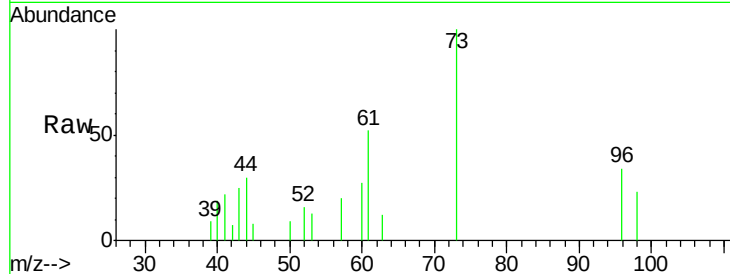
Methyl tert-butyl Ether
 Concen: 0.917 ug/l m
 RT: 5.00 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion: 73 Resp: 7458
 Ion Ratio Lower Upper
 73 100
 57 19.6 18.0 27.0

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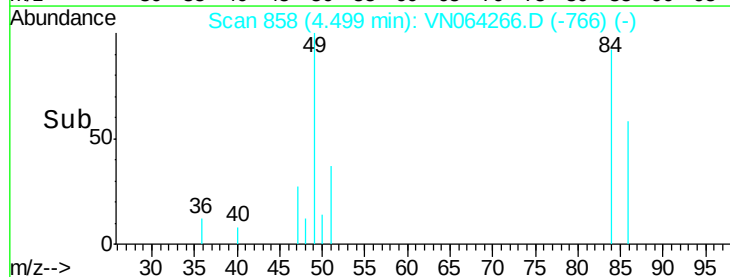
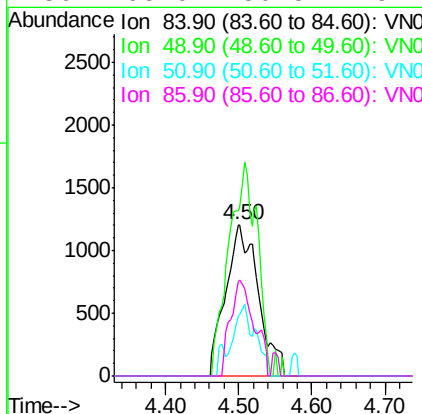
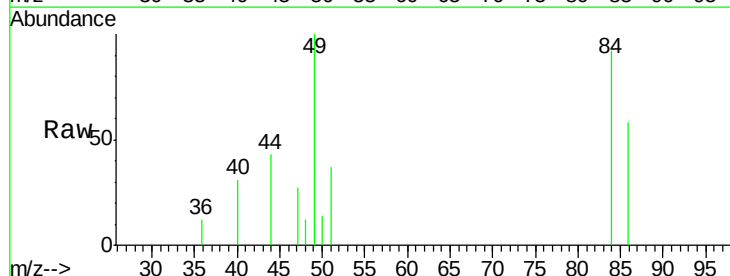
MMDadoda
 10/23/2020 3:37:53 PM

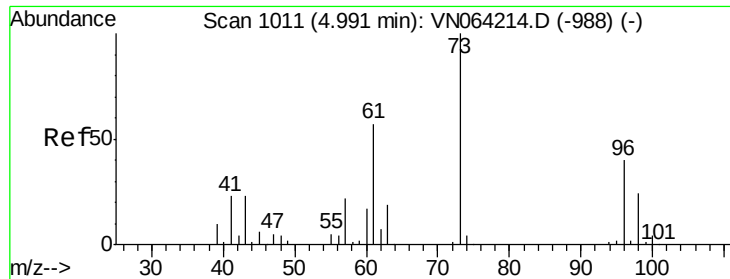


#20

Methylene Chloride
 Concen: 1.310 ug/l m
 RT: 4.50 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Tgt Ion: 84 Resp: 3747
 Ion Ratio Lower Upper
 84 100
 49 108.9 108.5 162.7
 51 39.8 33.8 50.8
 86 63.0 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 0.928 ug/l m

RT: 5.00 min Scan# 1015

Delta R.T. 0.01 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

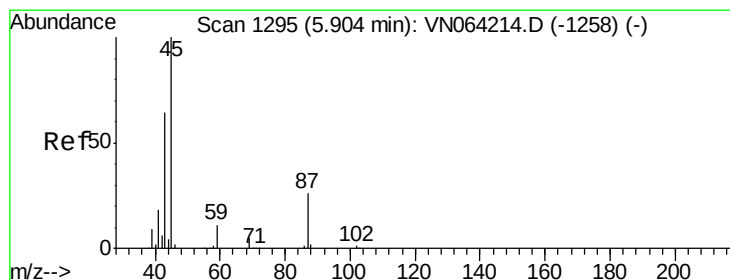
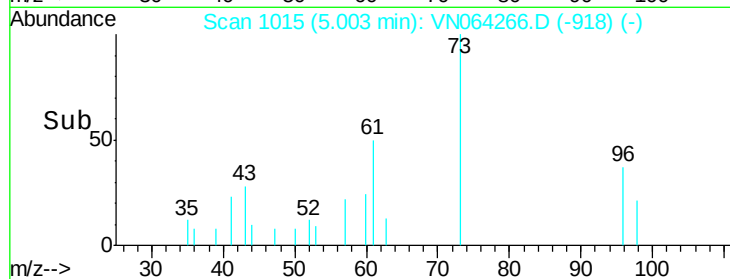
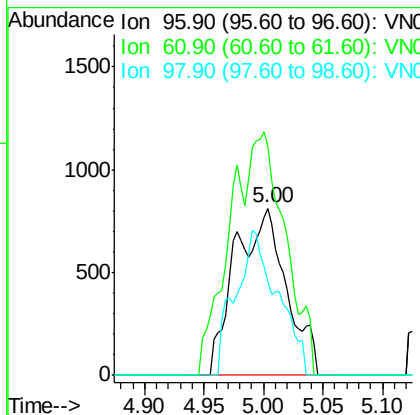
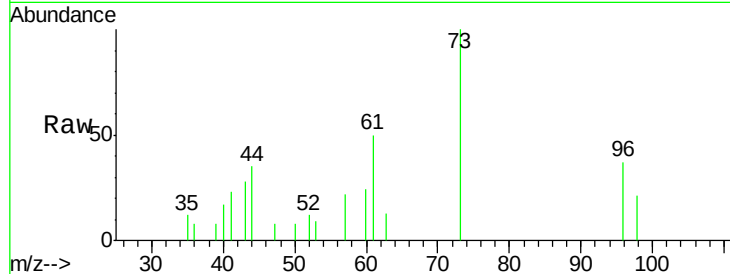
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion: 96 Resp: 2422

Ion	Ratio	Lower	Upper
96	100		
61	137.3	115.8	173.6
98	56.3	49.4	74.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 0.888 ug/l

RT: 5.90 min Scan# 1295

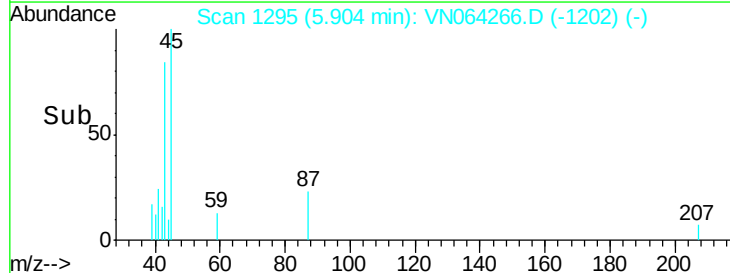
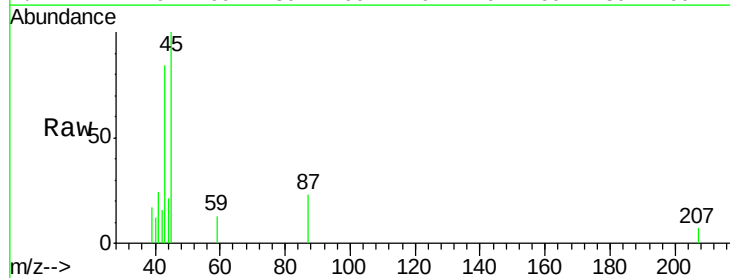
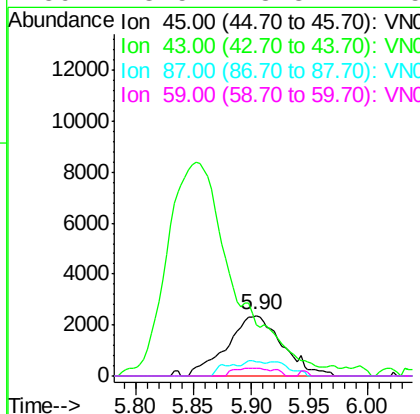
Delta R.T. -0.00 min

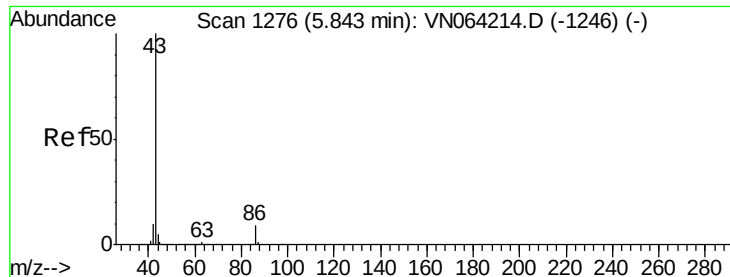
Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Tgt Ion: 45 Resp: 7817

Ion	Ratio	Lower	Upper
45	100		
43	71.4	52.2	78.4
87	23.4	21.4	32.0
59	13.5	8.3	12.5





#23

Vinyl Acetate

Concen: 4.293 ug/l

RT: 5.85 min Scan# 1279

Delta R.T. 0.01 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 43 Resp: 33707

Ion Ratio Lower Upper

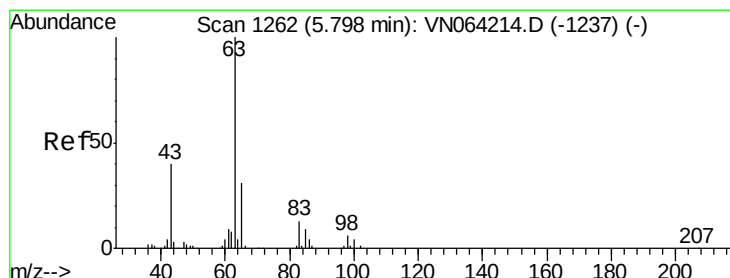
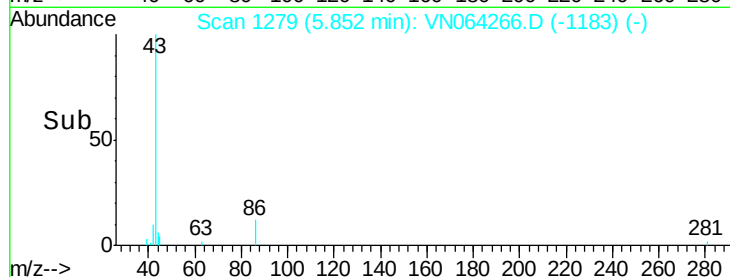
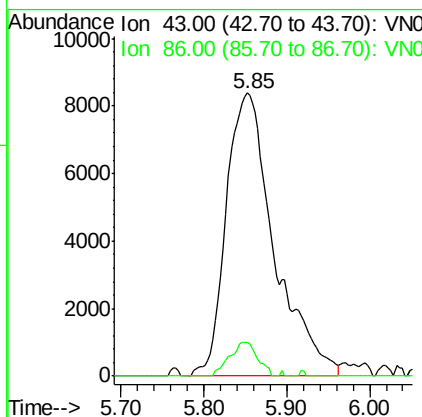
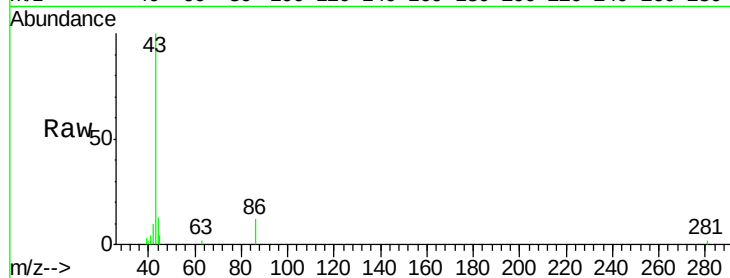
43 100

86 11.8 7.4 11.0#

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 0.894 ug/l m

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

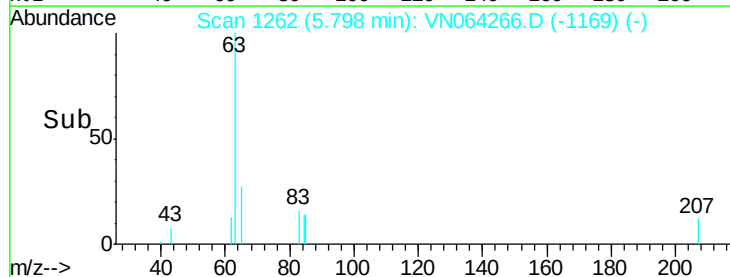
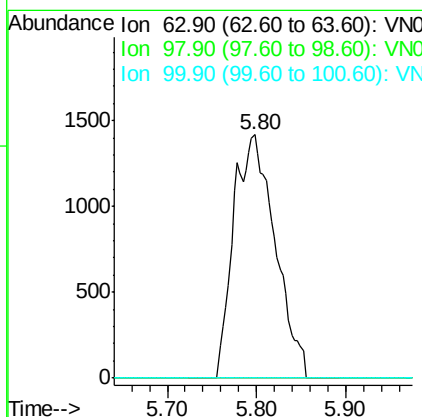
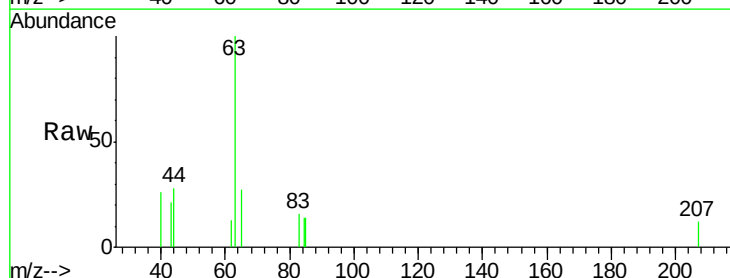
Tgt Ion: 63 Resp: 4559

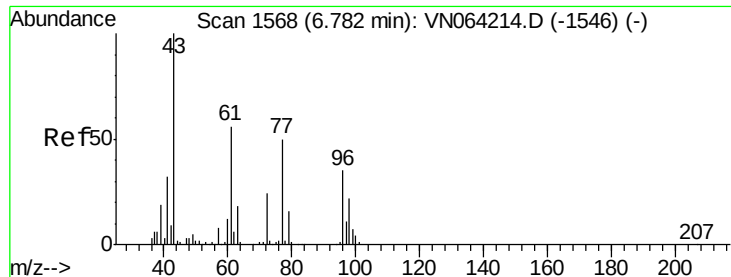
Ion Ratio Lower Upper

63 100

98 0.0 2.9 8.7#

100 0.0 2.0 6.0#





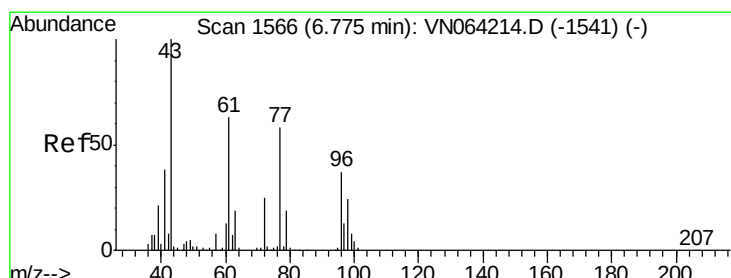
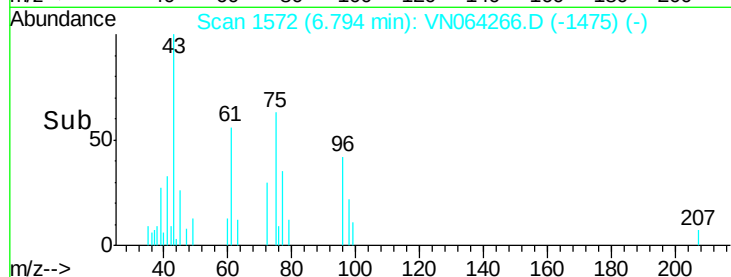
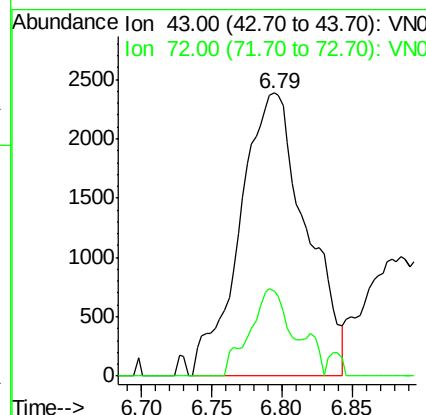
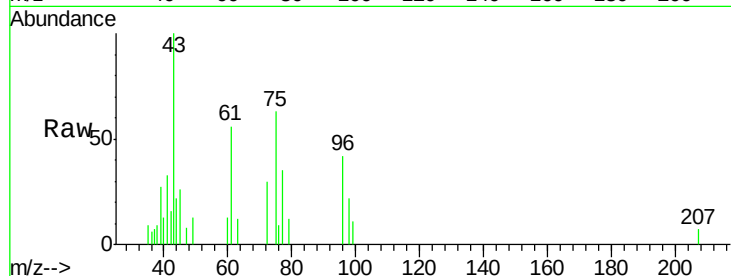
#25
 2-Butanone
 Concen: 4.607 ug/l
 RT: 6.79 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion: 43 Resp: 7853
 Ion Ratio Lower Upper
 43 100
 72 30.2 19.4 29.0#

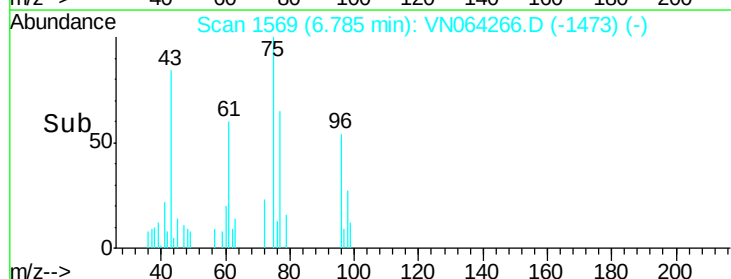
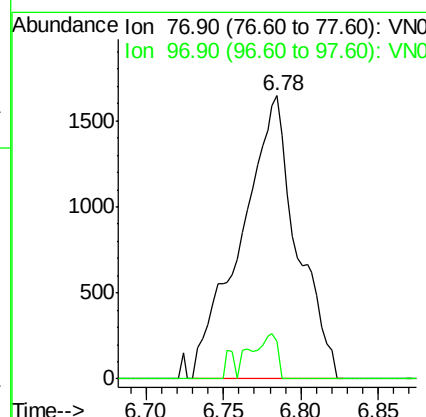
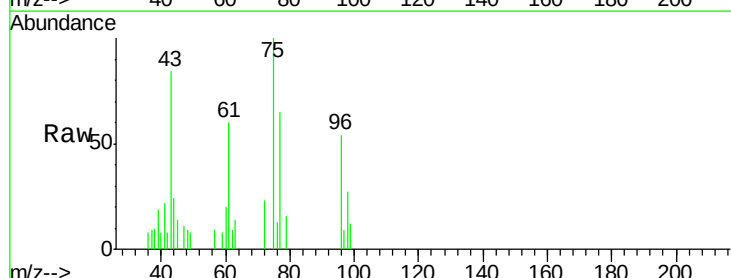
Manual Integrations
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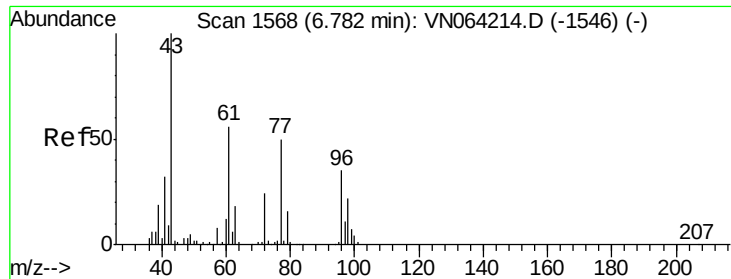
MMDadoda
 10/23/2020 3:37:53 PM



#26
 2,2-Dichloropropane
 Concen: 0.817 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Tgt Ion: 77 Resp: 4147
 Ion Ratio Lower Upper
 77 100
 97 7.4 10.4 31.4#





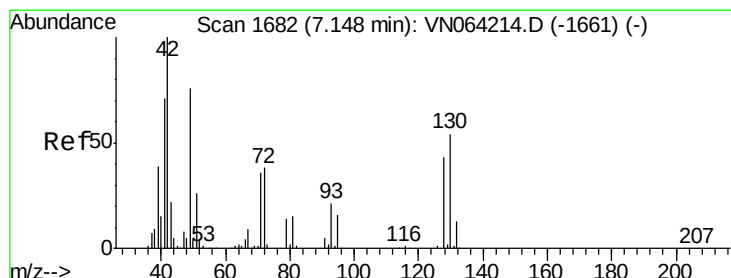
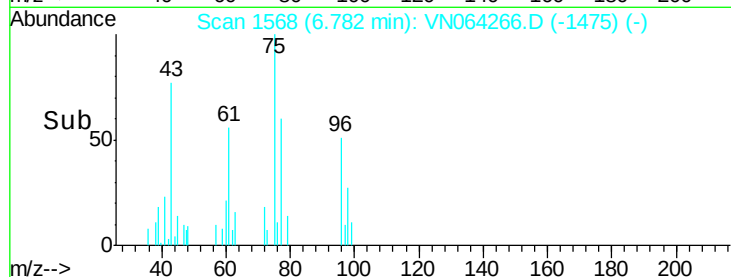
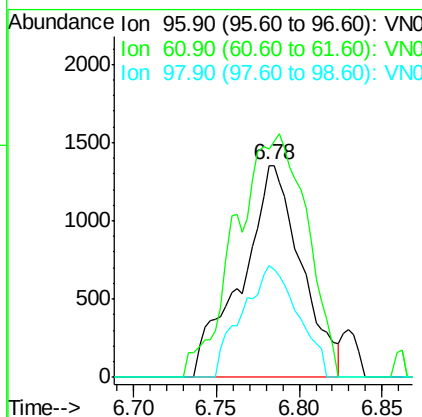
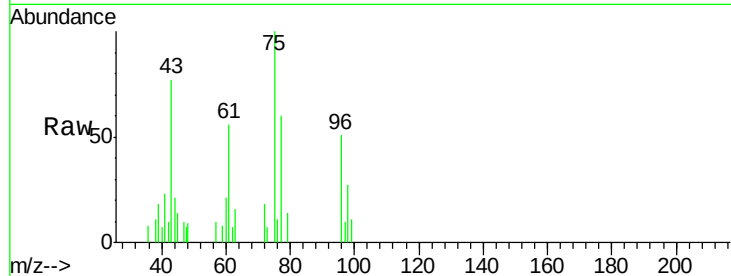
#27
 cis-1,2-Dichloroethene
 Concen: 1.114 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
96	100	3385		
61	137.3		0.0	330.0
98	49.2		0.0	130.6

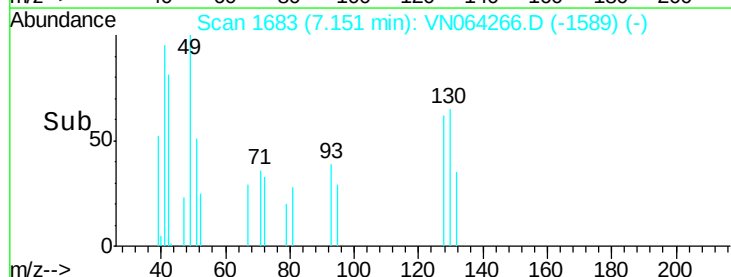
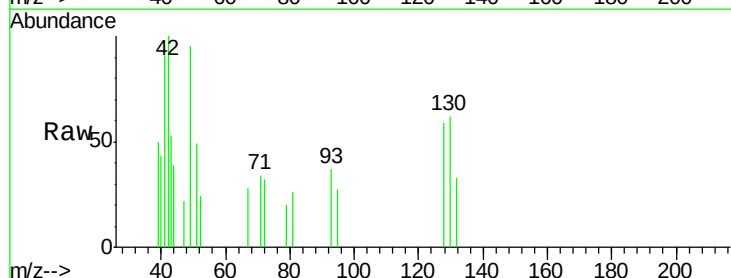
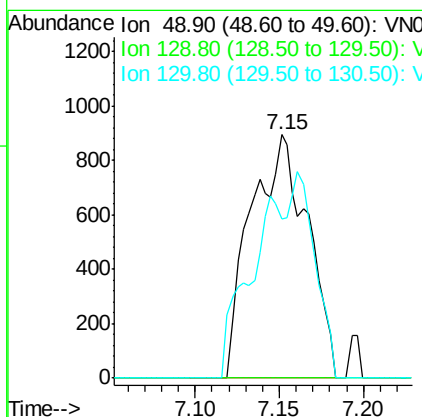
Manual Integrations
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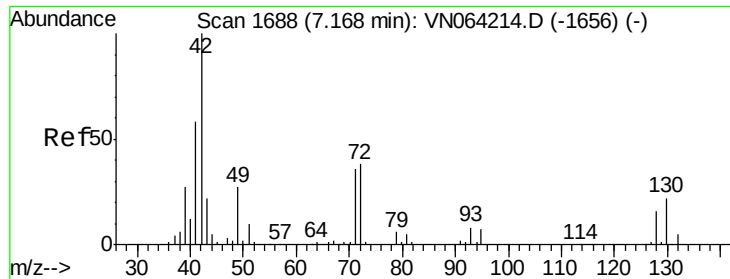
MMDadoda
 10/23/2020 3:37:53 PM



#28
 Bromochloromethane
 Concen: 0.862 ug/l m
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	2089		
129	0.0		0.0	2.8
130	45.0		58.8	88.2#





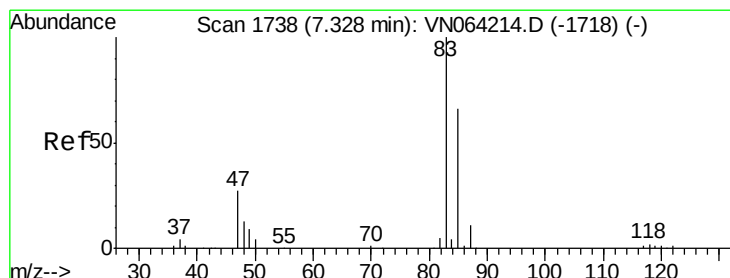
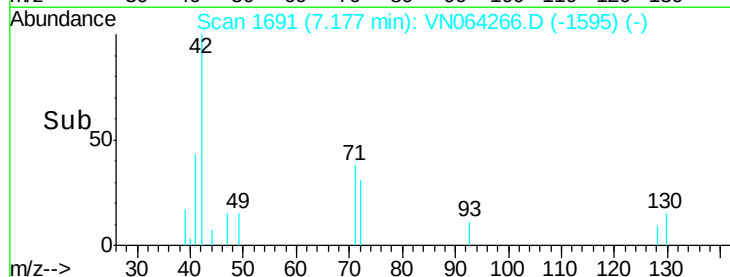
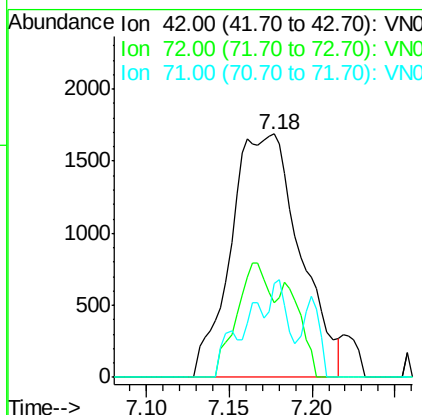
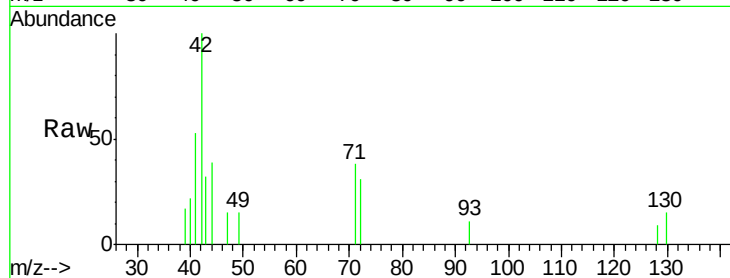
#29
Tetrahydrofuran
Concen: 4.799 ug/l
RT: 7.18 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.8	46.2#
71	11.2	29.0	43.6#

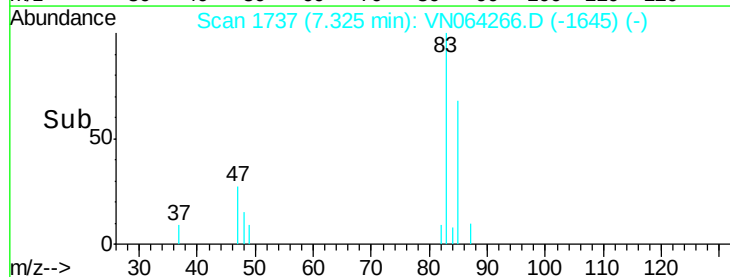
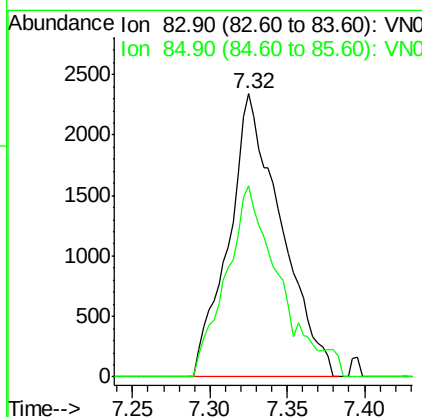
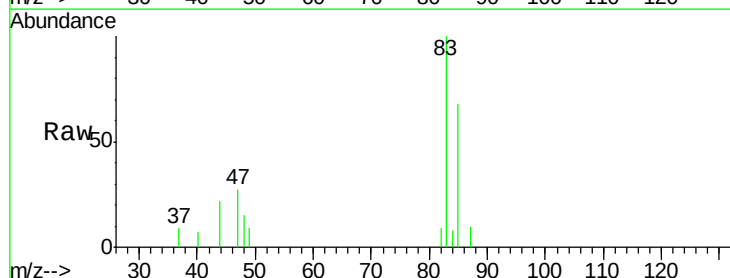
Manual Integrations
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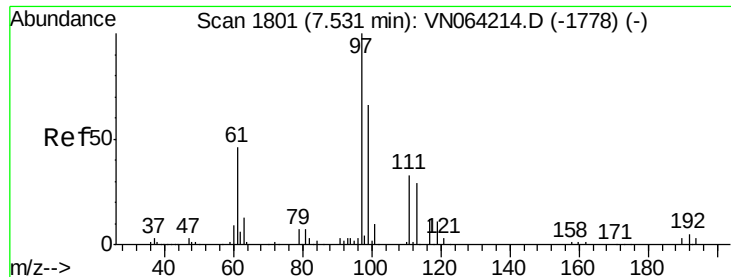
MMDadoda
10/23/2020 3:37:53 PM



#30
Chloroform
Concen: 1.013 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	52.5	78.7





#32

1,1,1-Trichloroethane

Concen: 0.875 ug/l m

RT: 7.53 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Instrument :

MSVOA_N

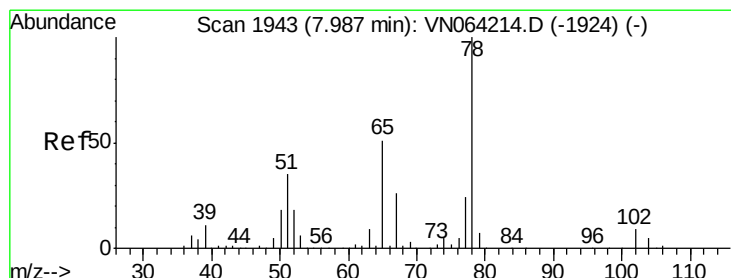
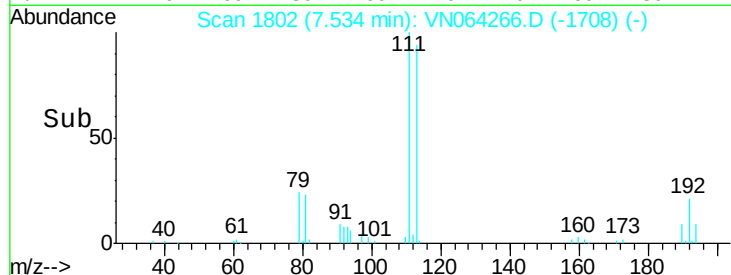
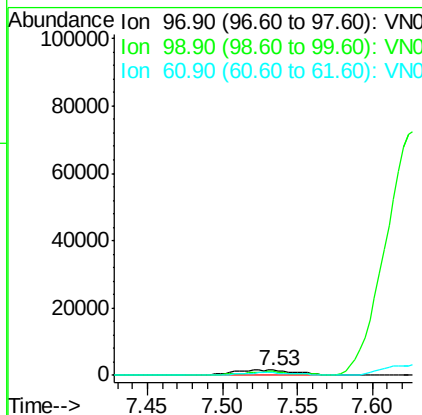
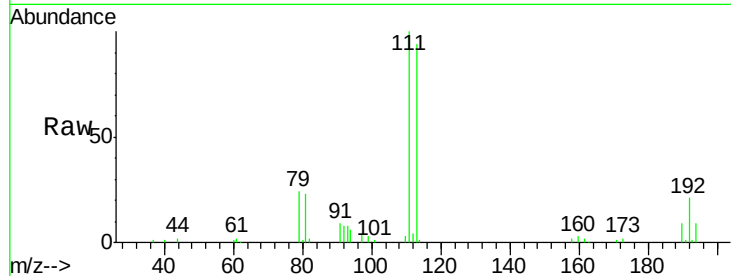
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	97	Resp:	4459
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.2	76.8#
61	40.3	36.3	54.5

Manual Integrations
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MMDadoda
10/23/2020 3:37:53 PM



#33

1,2-Dichloroethane-d4

Concen: 57.631 ug/l

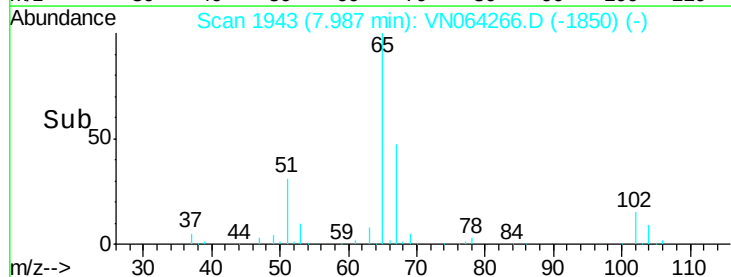
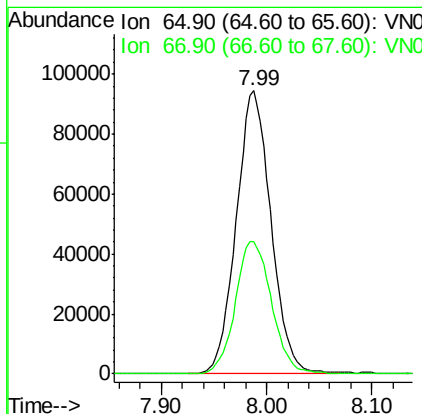
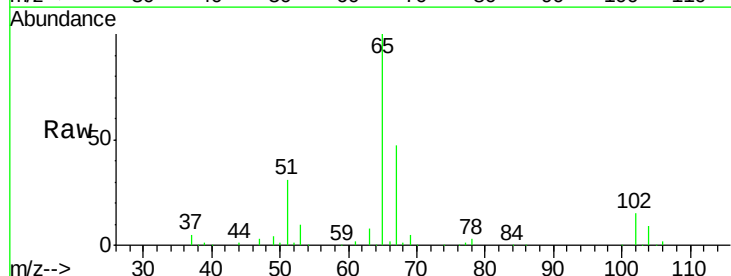
RT: 7.99 min Scan# 1943

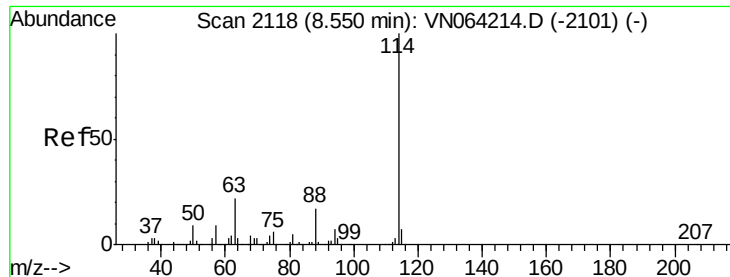
Delta R.T. -0.00 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Tgt Ion:	65	Resp:	216100
Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	100.2





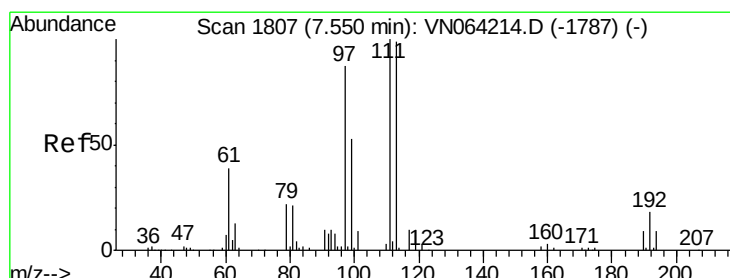
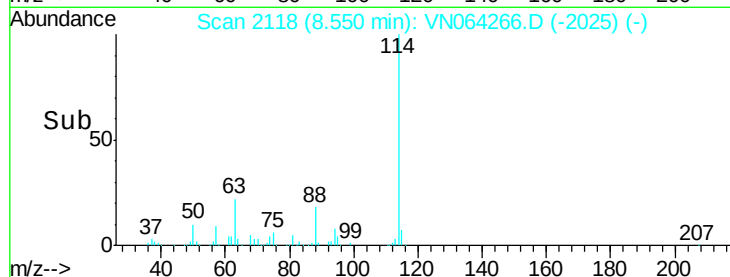
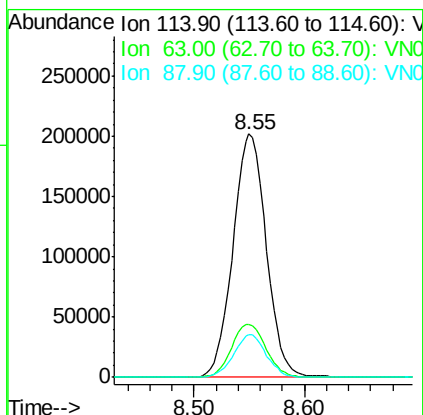
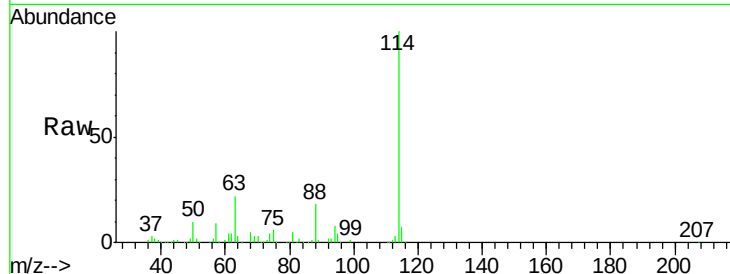
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
114	100	422653		
63	21.8		0.0	44.0
88	17.5		0.0	34.2

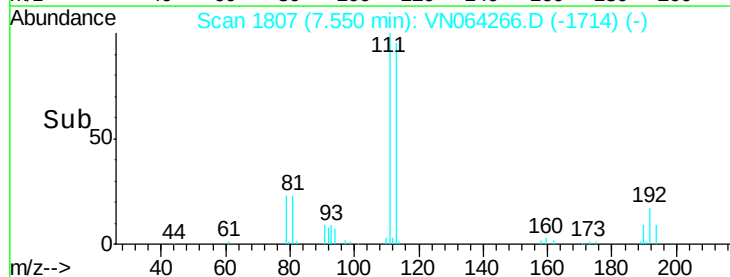
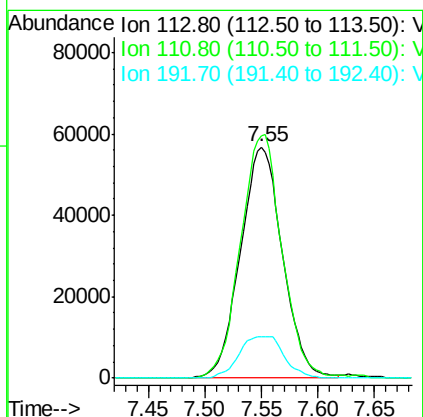
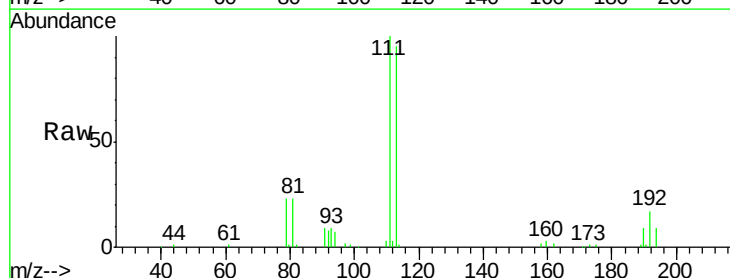
Manual Integrations
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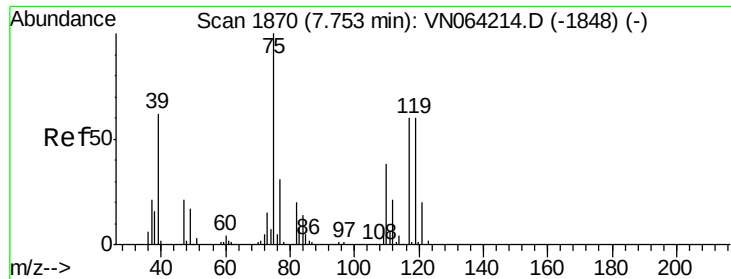
MMDadoda
10/23/2020 3:37:53 PM



#35
Dibromofluoromethane
Concen: 52.224 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	146749		
111	104.1		84.2	126.2
192	19.3		15.2	22.8





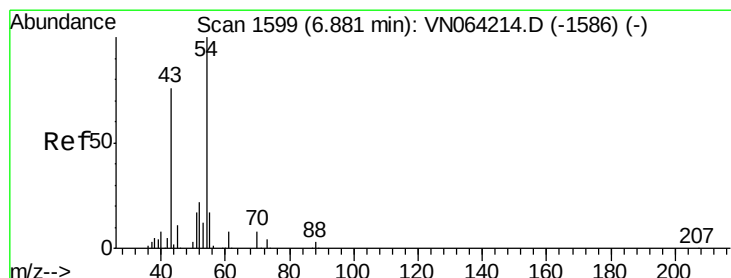
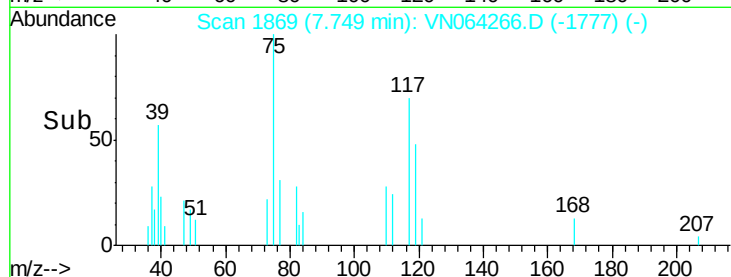
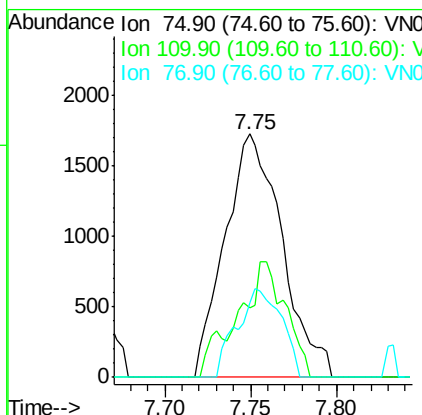
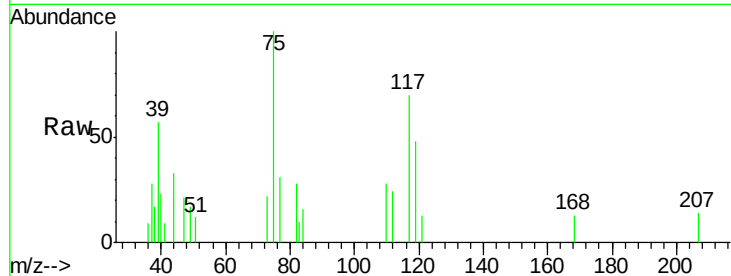
#36
 1,1-Dichloropropene
 Concen: 0.950 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.9	17.2	51.6
77	28.1	24.9	37.3

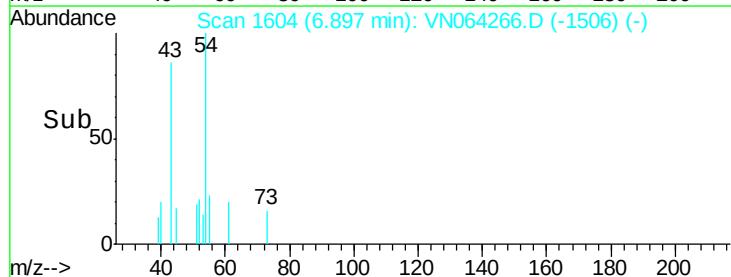
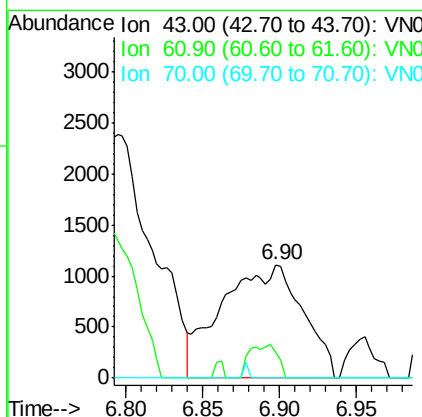
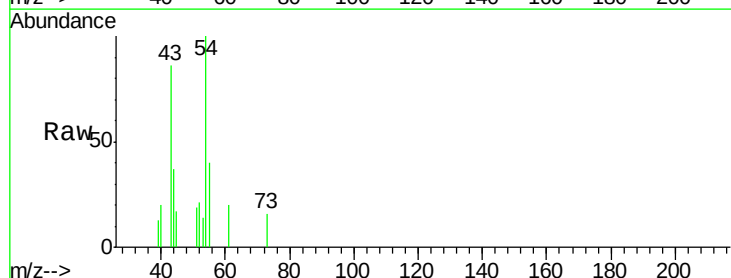
Manual Integrations
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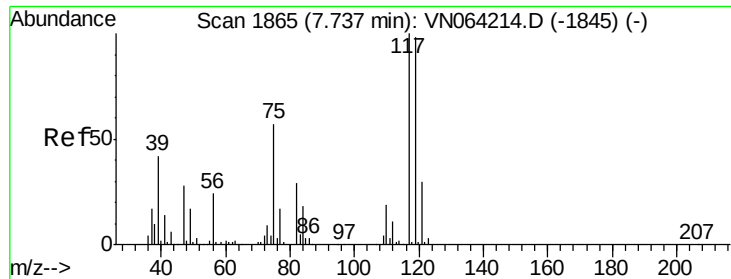
MMDadoda
 10/23/2020 3:37:53 PM



#37
 Ethyl Acetate
 Concen: 1.063 ug/l m
 RT: 6.90 min Scan# 1604
 Delta R.T. 0.02 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	10.2	10.0	15.0
70	0.7	7.5	11.3#





#38

Carbon Tetrachloride

Concen: 0.933 ug/l

RT: 7.73 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Instrument :

MSVOA_N

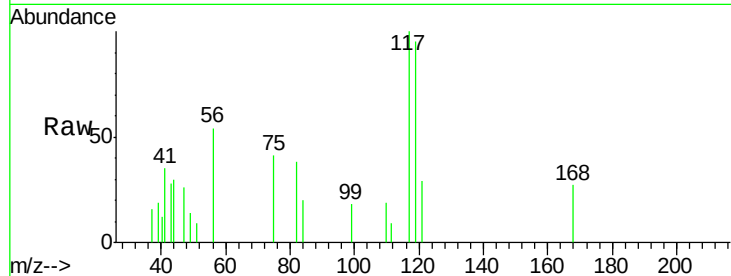
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.3	78.5	117.7
121	29.1	24.3	36.5

Manual Integrations
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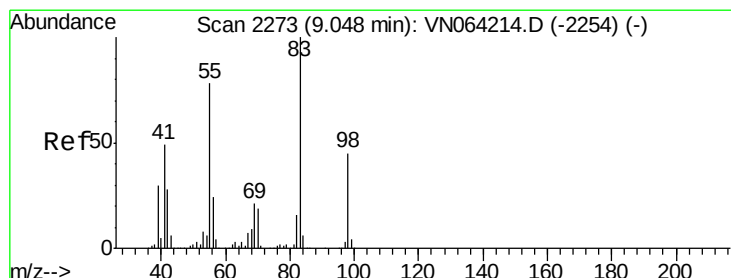
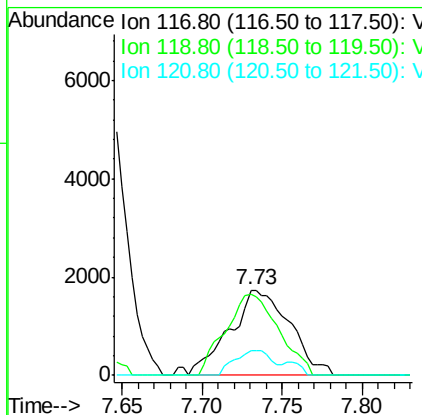
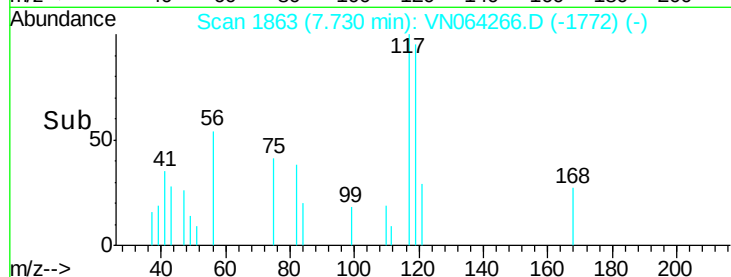
MMDadoda
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.803 ug/l

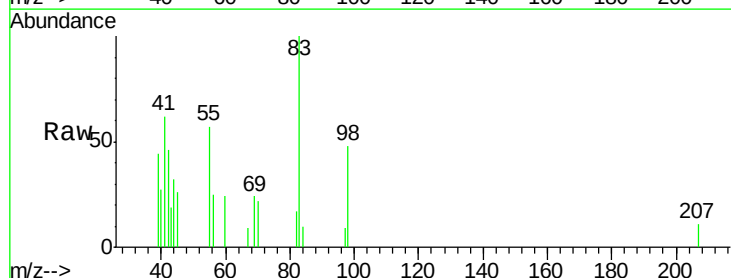
RT: 9.04 min Scan# 2271

Delta R.T. -0.01 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

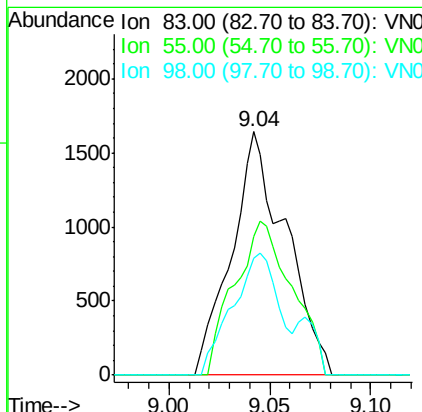
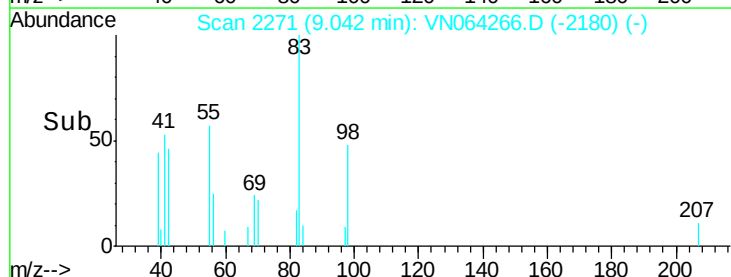
Tgt Ion	Ratio	Lower	Upper
83	100		
55	56.8	62.2	93.2#
98	48.0	35.9	53.9

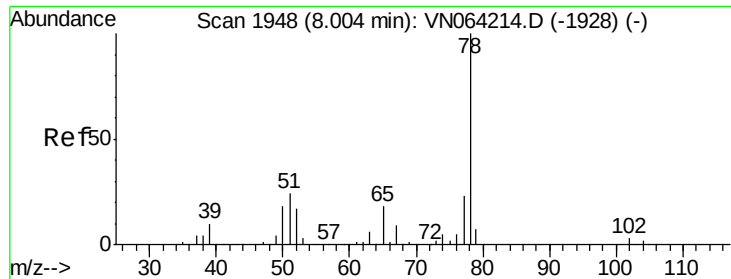


Abundance Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO





#40

Benzene

Concen: 0.881 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. -0.00 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 78 Resp: 10245

Ion Ratio Lower Upper

78 100

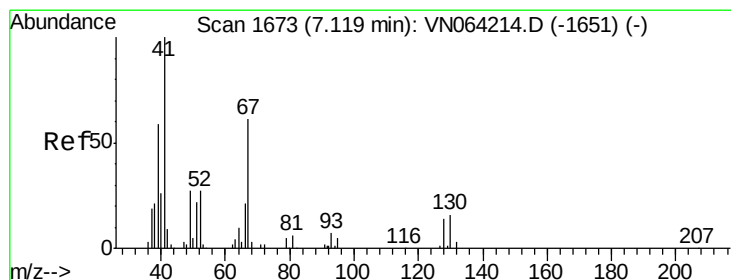
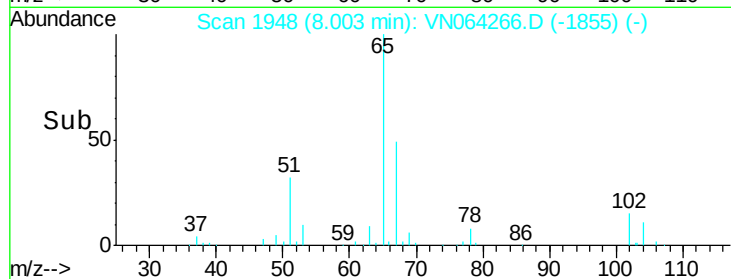
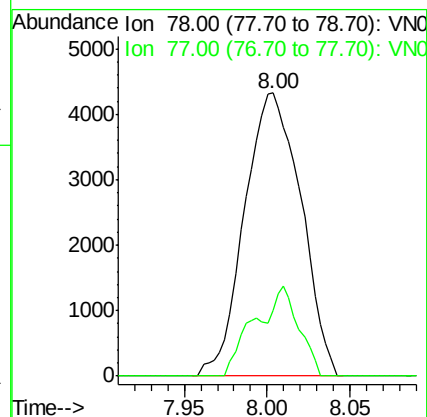
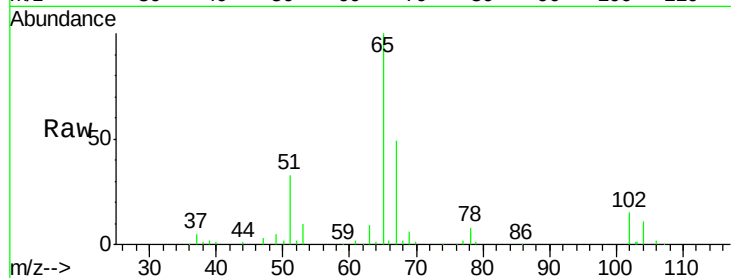
77 23.0 18.3 27.5

Manual Integrations

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#41

Methacrylonitrile

Concen: 0.908 ug/l m

RT: 7.13 min Scan# 1677

Delta R.T. 0.01 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Tgt Ion: 41 Resp: 1823

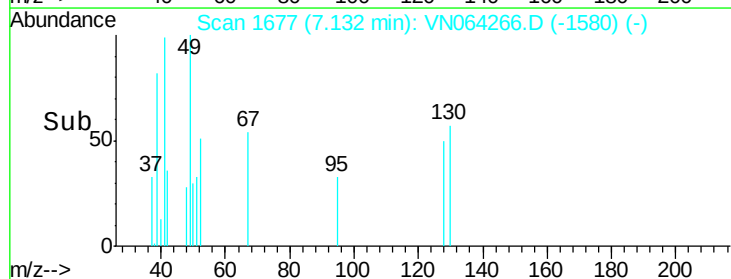
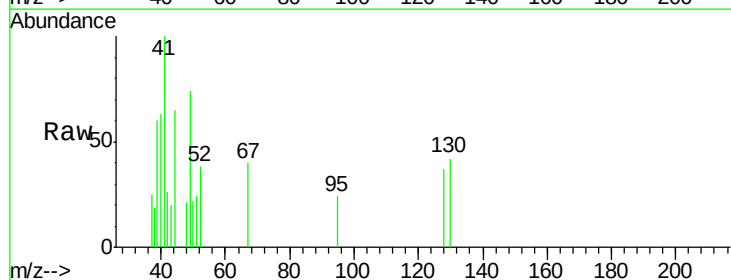
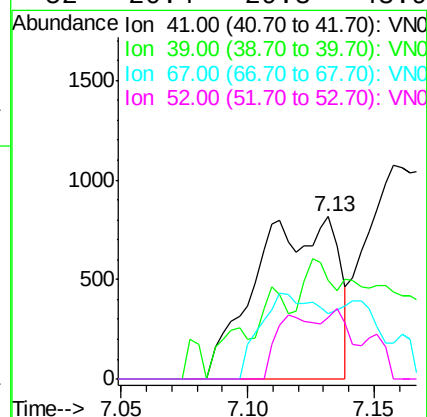
Ion Ratio Lower Upper

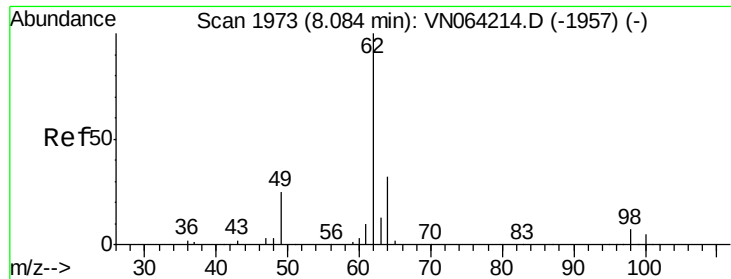
41 100

39 8.3 50.5 75.7#

67 39.4 63.2 94.8#

52 20.4 29.3 43.9#





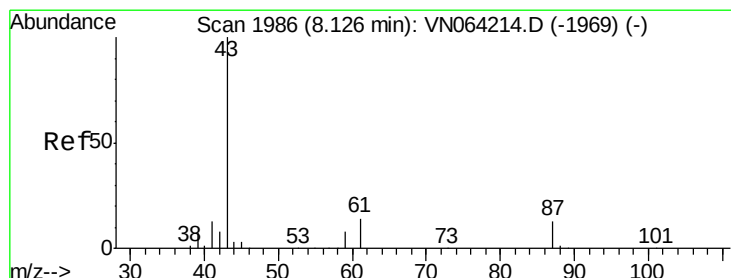
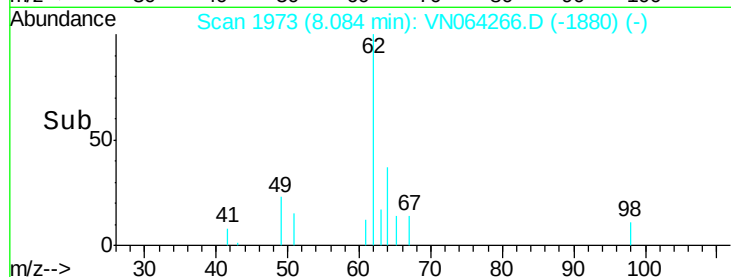
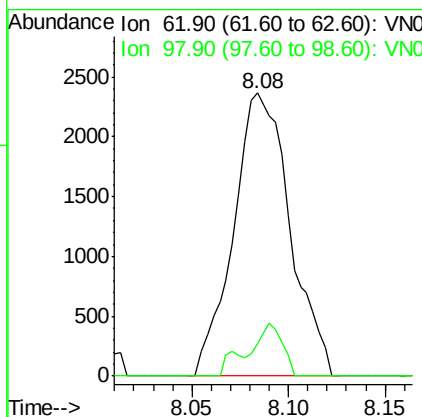
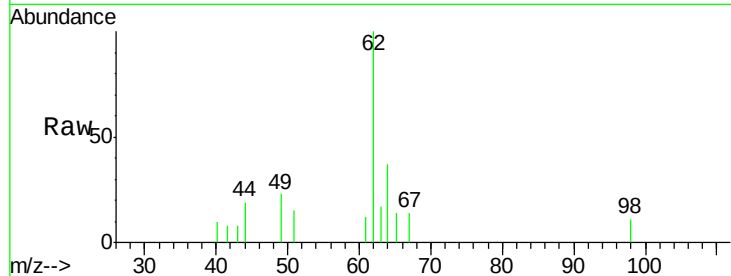
#42
 1,2-Dichloroethane
 Concen: 0.966 ug/l
 RT: 8.08 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	15.0

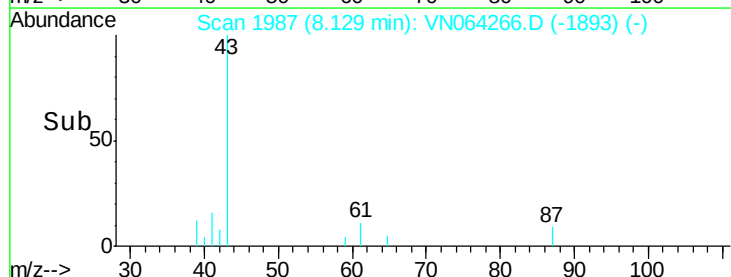
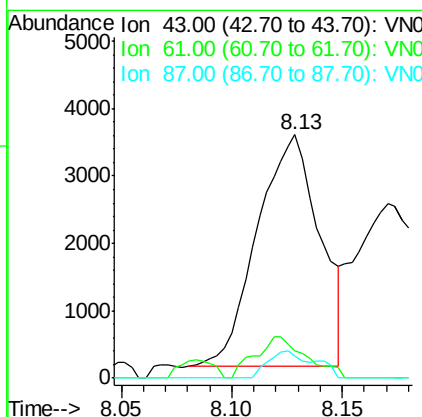
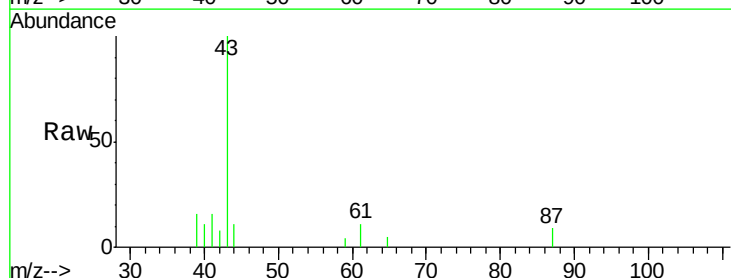
Manual Integrations
 APPROVED

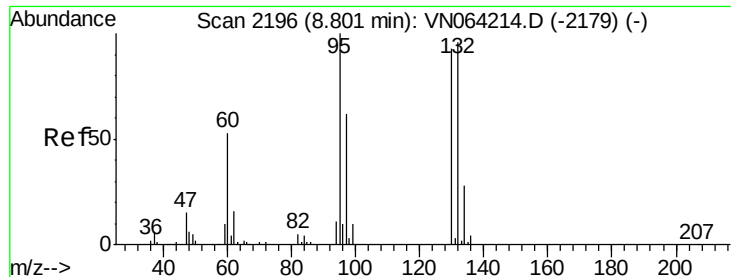
MMDadoda
 10/23/2020 3:37:53 PM



#43
 Isopropyl Acetate
 Concen: 0.942 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.8	19.6	29.4#
87	6.6	9.8	14.6#





#44

Trichloroethene

Concen: 0.994 ug/l

RT: 8.79 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:130 Resp: 3150

Ion Ratio Lower Upper

130 100

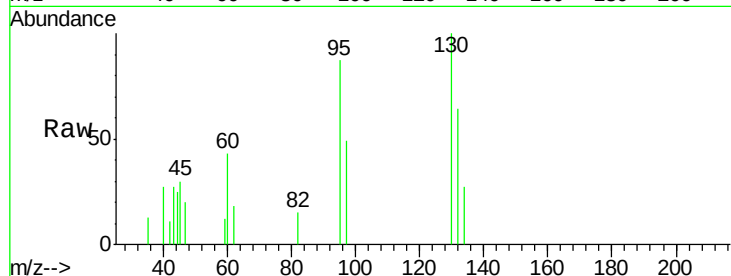
95 87.5 0.0 214.0

Manual Integrations

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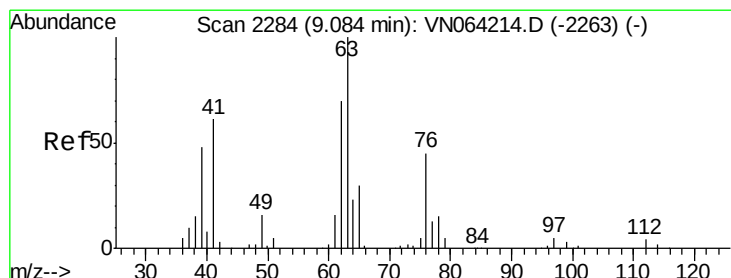
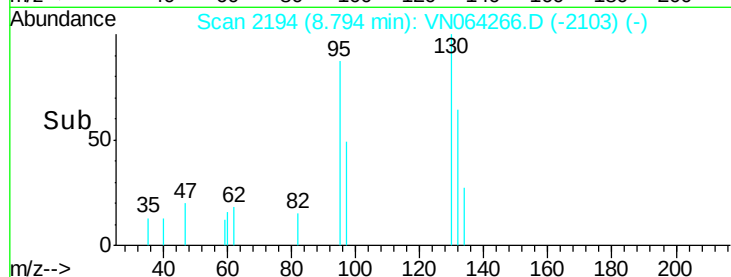
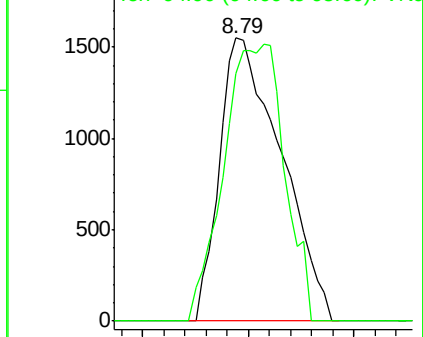
MMDadoda

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#45

1,2-Dichloropropane

Concen: 0.901 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064266.D

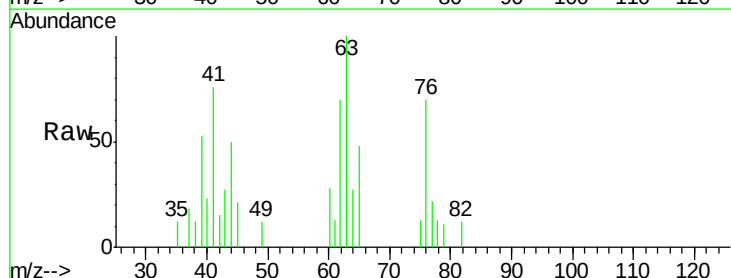
Acq: 22 Oct 2020 21:39

Tgt Ion: 63 Resp: 2798

Ion Ratio Lower Upper

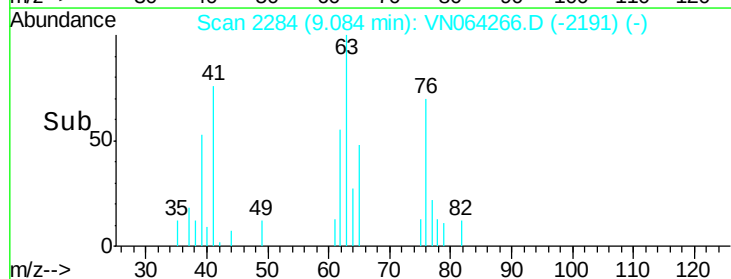
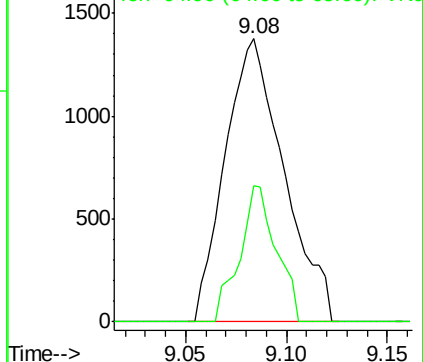
63 100

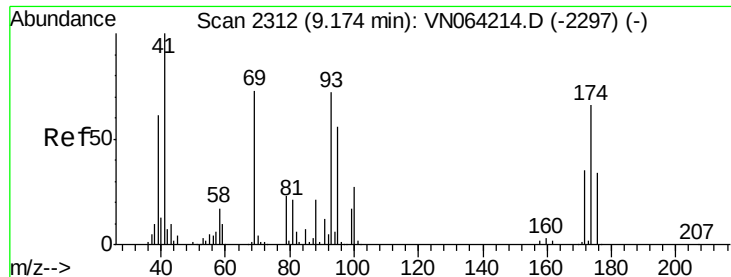
65 48.3 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





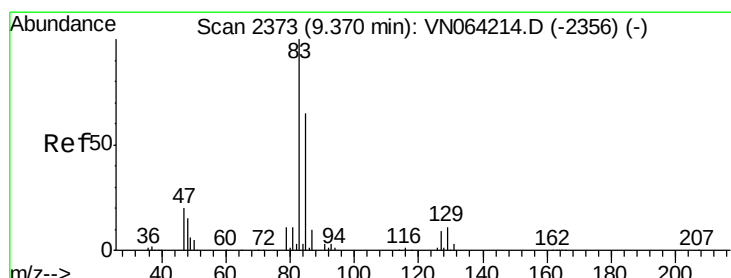
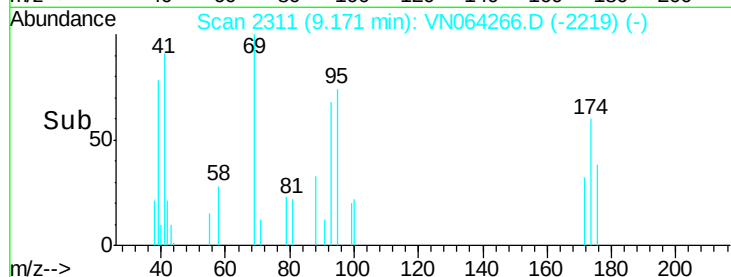
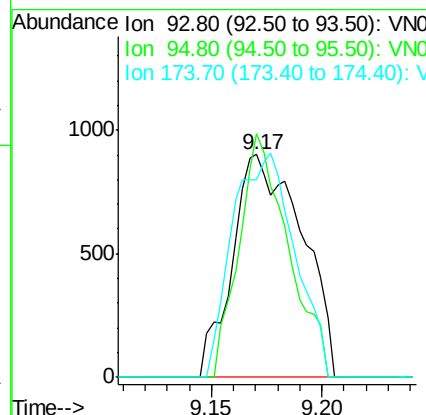
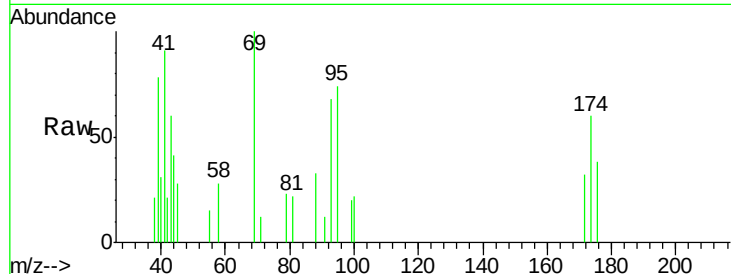
#46
Dibromomethane
Concen: 0.942 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion: 93 Resp: 1965
Ion Ratio Lower Upper
93 100
95 77.4 63.0 94.4
174 89.9 72.9 109.3

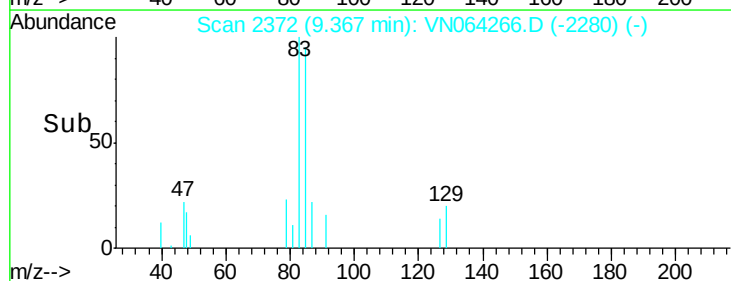
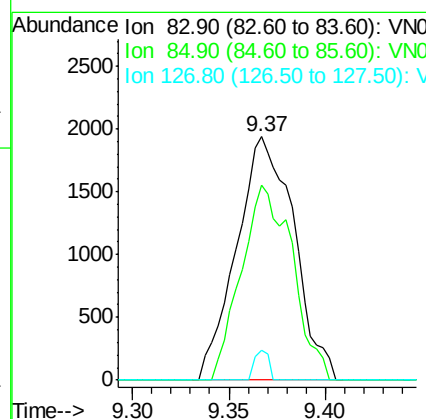
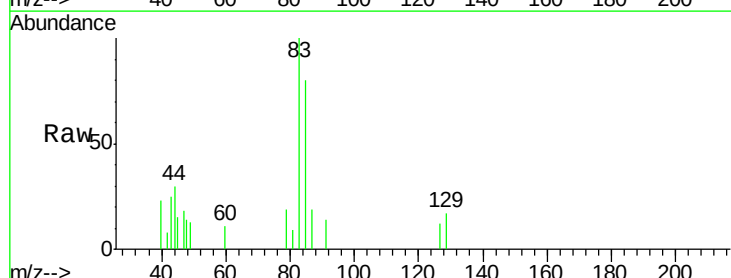
Manual Integrations
APPROVED

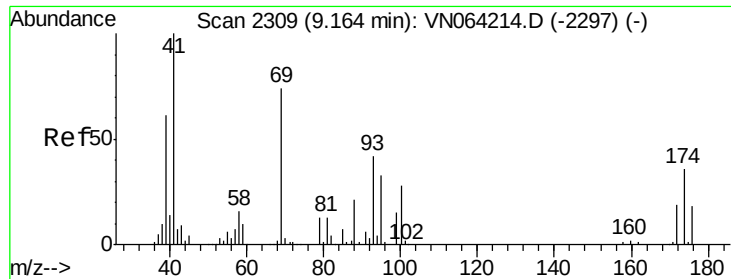
MMDadoda
10/23/2020 3:37:53 PM



#47
Bromodichloromethane
Concen: 0.868 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Tgt Ion: 83 Resp: 3999
Ion Ratio Lower Upper
83 100
85 80.0 51.8 77.8#
127 12.1 7.4 11.0#





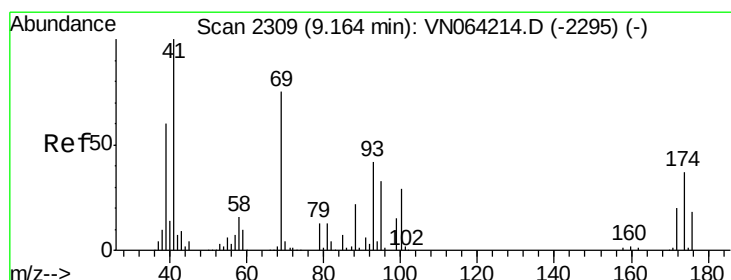
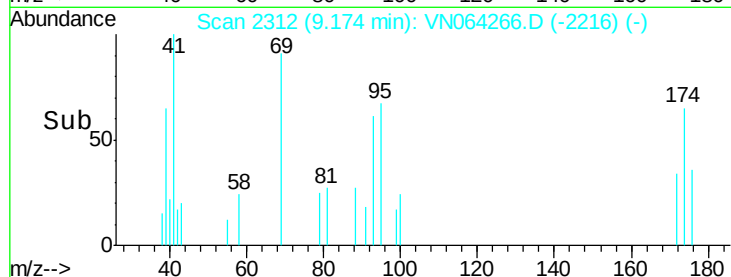
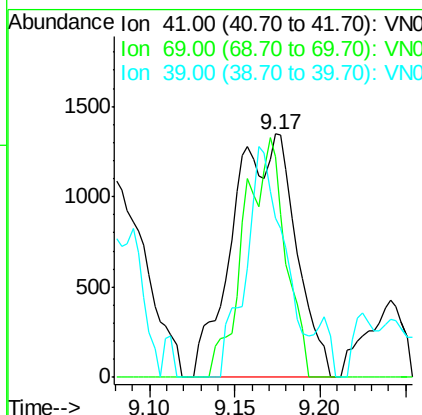
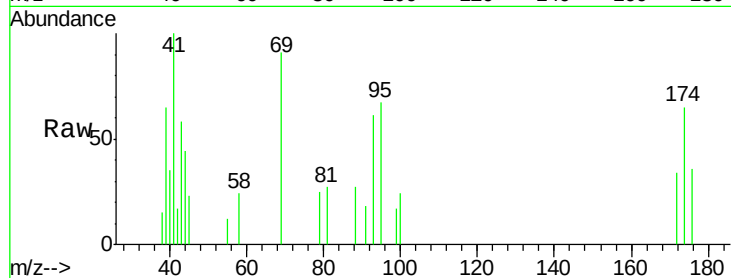
#48
Methvl methacrylate
Concen: 0.929 ug/l m
RT: 9.17 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
41	100	3461		
69	64.8	57.3	85.9	
39	57.6	48.6	73.0	

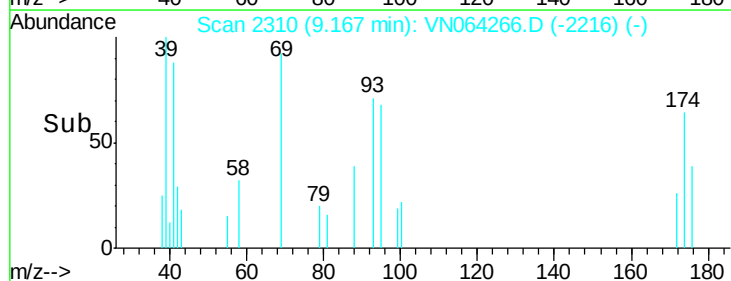
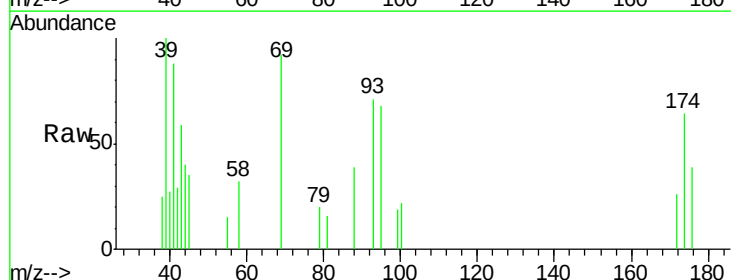
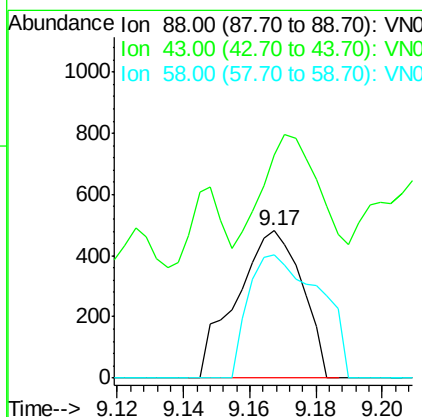
Manual Integrations
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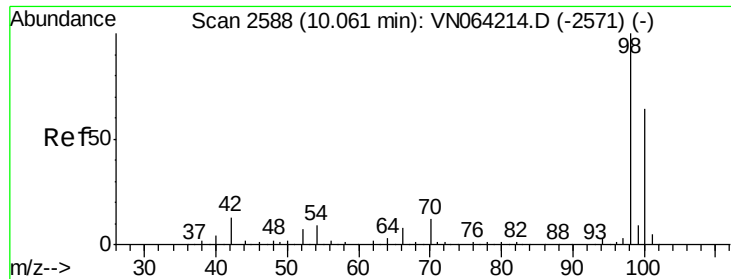
MMDadoda
10/23/2020 3:37:53 PM



#49
1,4-Dioxane
Concen: 15.237 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	664		
43	85.1	34.6	52.0#	
58	90.5	59.0	88.6#	





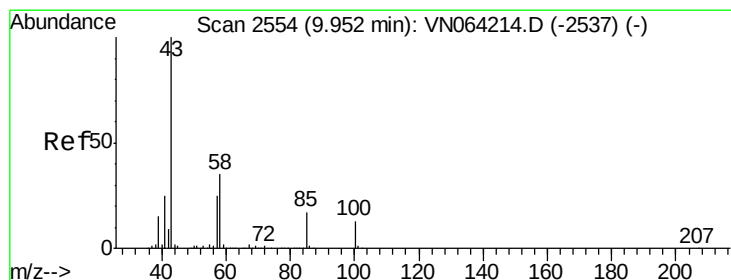
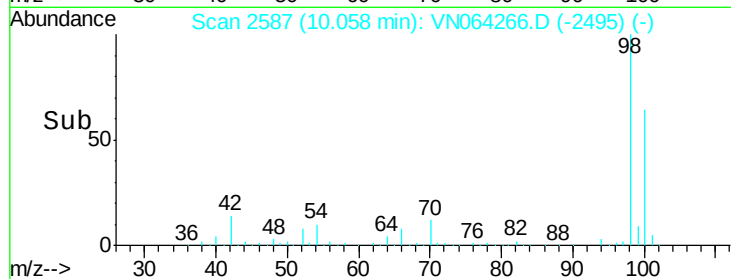
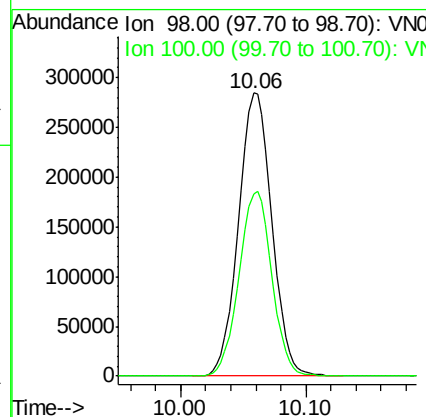
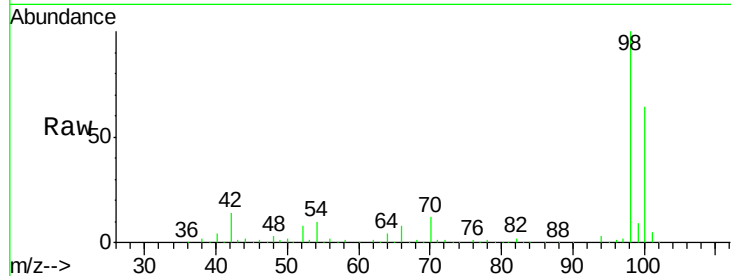
#50
Toluene-d8
Concen: 51.614 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion: 98 Resp: 526115
Ion Ratio Lower Upper
98 100
100 64.3 50.8 76.2

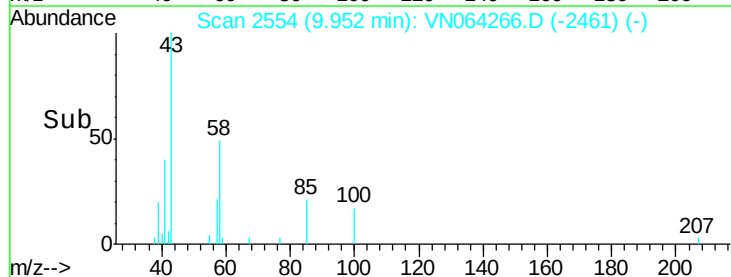
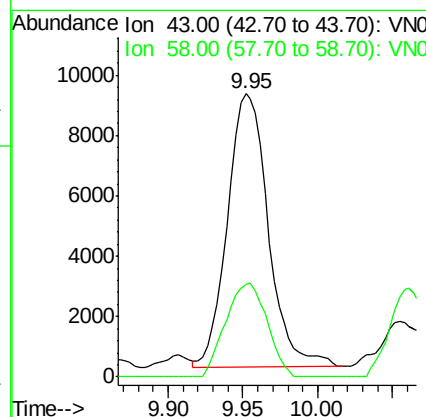
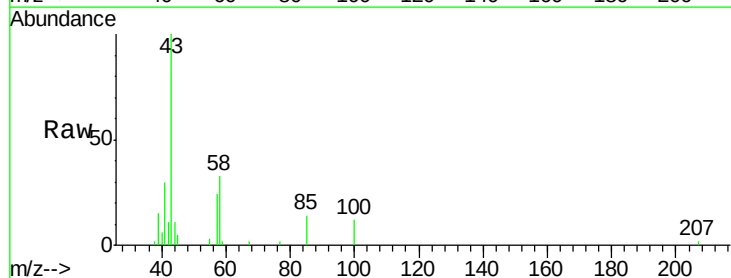
Manual Integrations
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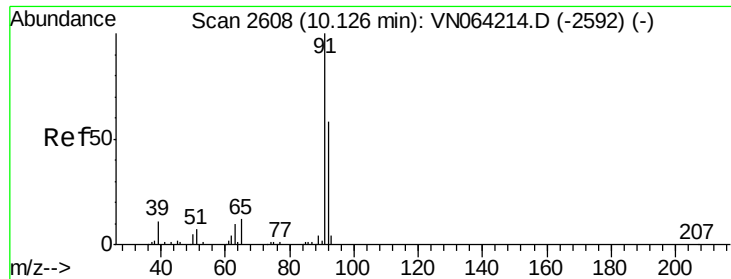
MMDadoda
10/23/2020 3:37:53 PM



#51
4-Methyl-2-Pentanone
Concen: 4.510 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Tgt Ion: 43 Resp: 17184
Ion Ratio Lower Upper
43 100
58 34.7 28.6 42.8





#52

Toluene

Concen: 0.755 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. -0.00 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion: 92 Resp: 5621

Ion Ratio Lower Upper

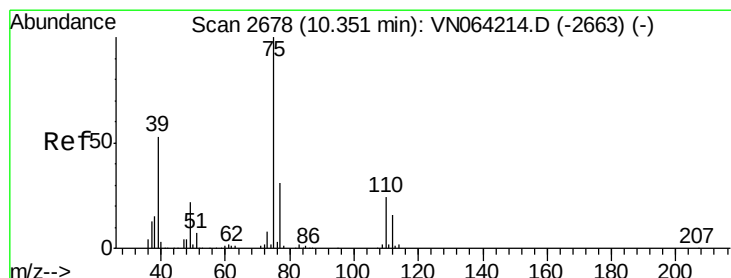
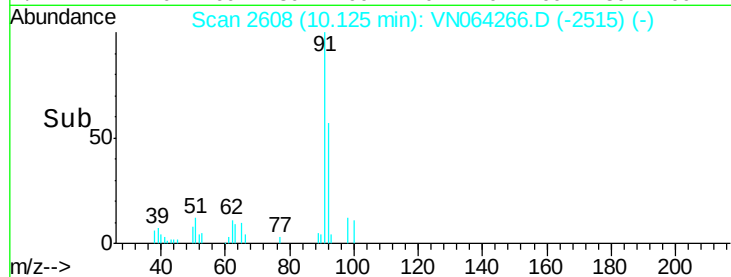
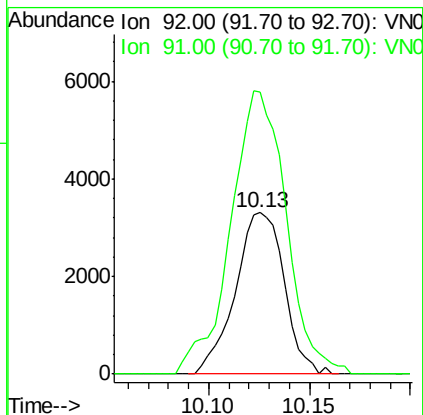
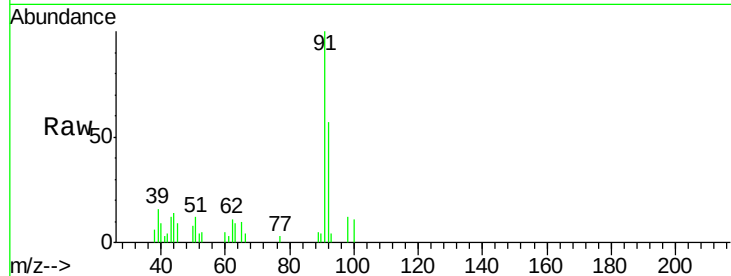
92 100

91 198.6 137.4 206.2

Manual Integrations
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#53

t-1,3-Dichloropropene

Concen: 0.809 ug/l

RT: 10.35 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN064266.D

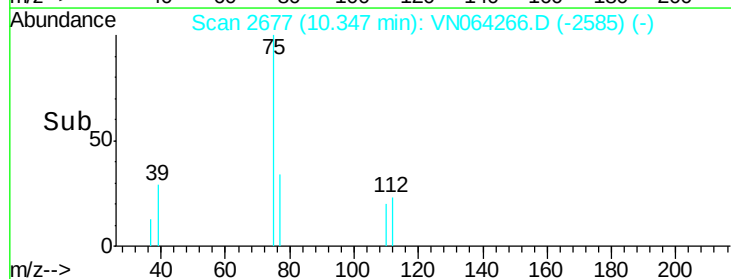
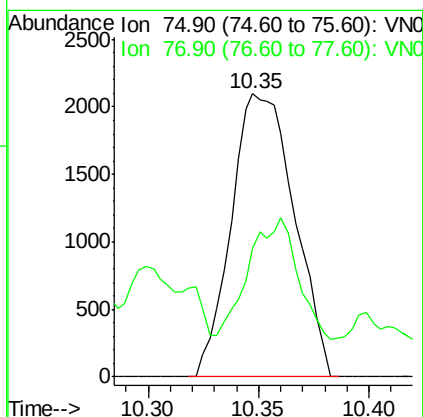
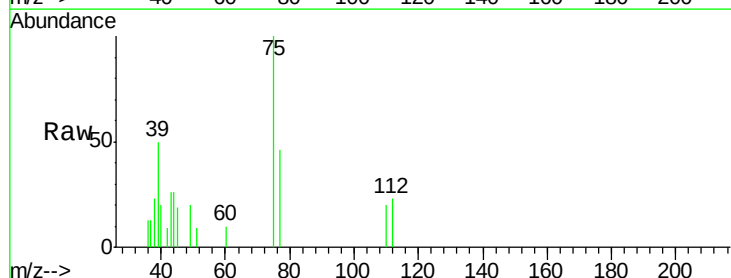
Acq: 22 Oct 2020 21:39

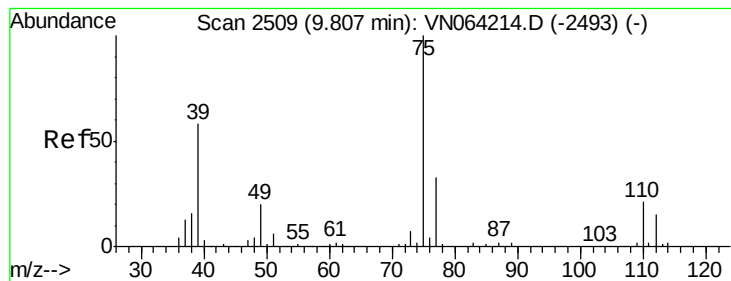
Tgt Ion: 75 Resp: 4140

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2





#54

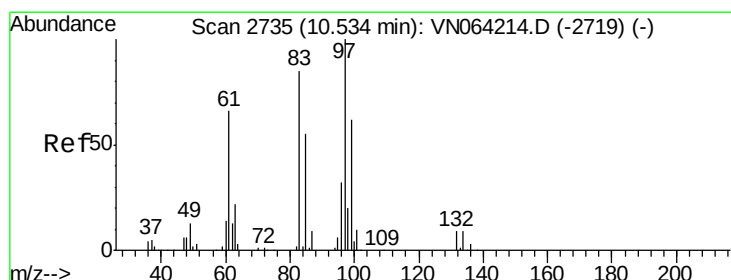
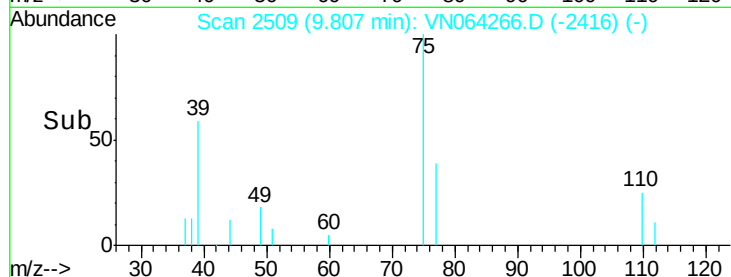
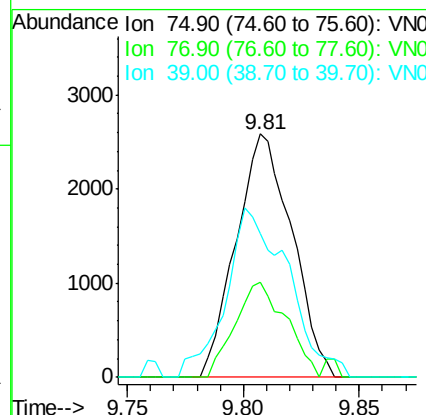
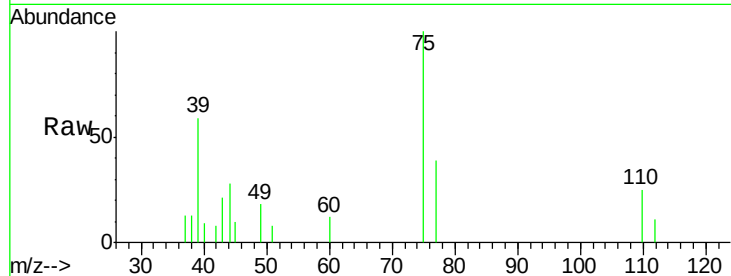
cis-1,3-Dichloropropene
 Concen: 0.804 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
75	100		
77	39.2	26.6	39.8
39	53.0	46.7	70.1

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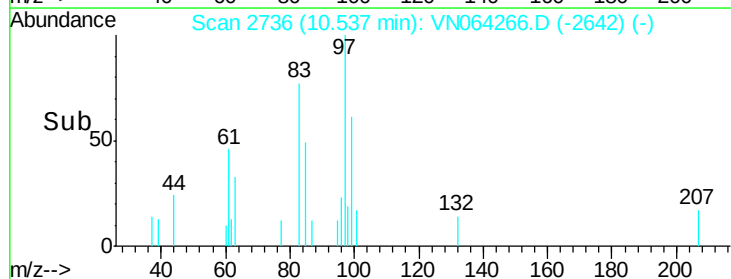
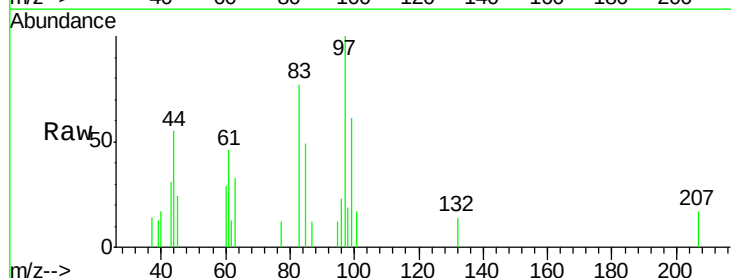
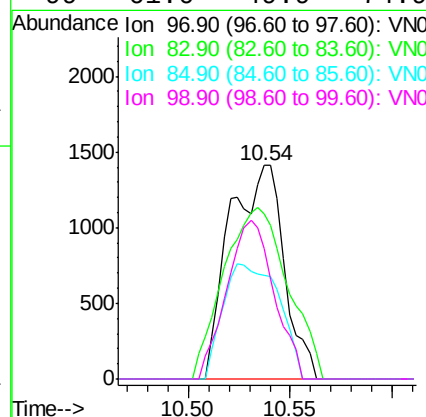
MMDadoda
 10/23/2020 3:37:53 PM

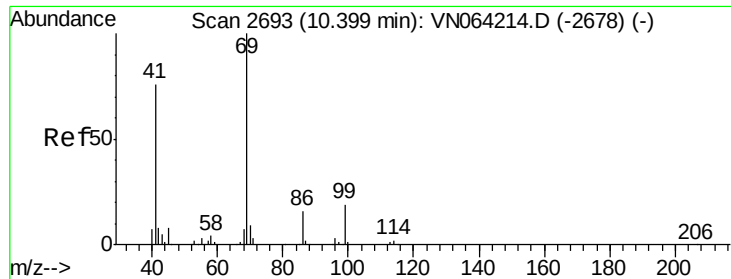


#55

1,1,2-Trichloroethane
 Concen: 0.936 ug/l m
 RT: 10.54 min Scan# 2736
 Delta R.T. 0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Tgt Ion	Ratio	Lower	Upper
97	100		
83	77.3	67.8	101.6
85	48.7	43.6	65.4
99	61.0	49.9	74.9





#56

Ethyl methacrylate

Concen: 0.901 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Instrument :

MSVOA_N

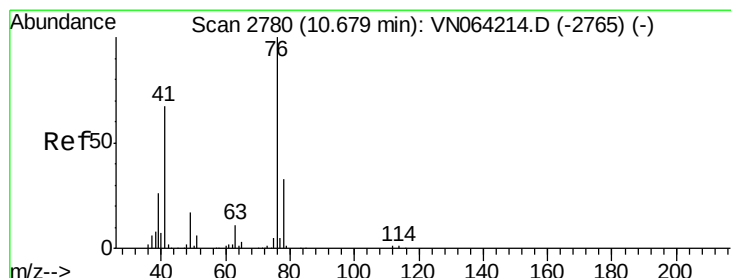
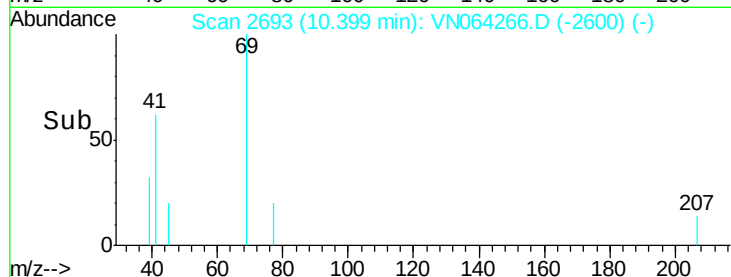
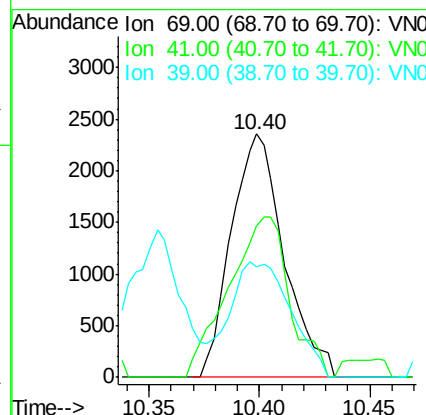
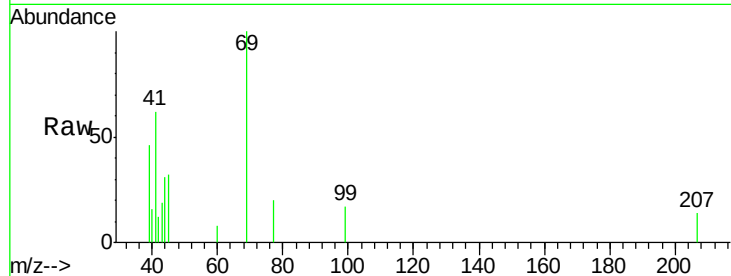
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	69	Resp:	3915
Ion	Ratio	Lower	Upper
69	100		
41	75.9	61.4	92.2
39	55.1	36.0	54.0#

Manual Integrations
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10/23/2020 3:37:53 PM



#57

1,3-Dichloropropane

Concen: 0.956 ug/l

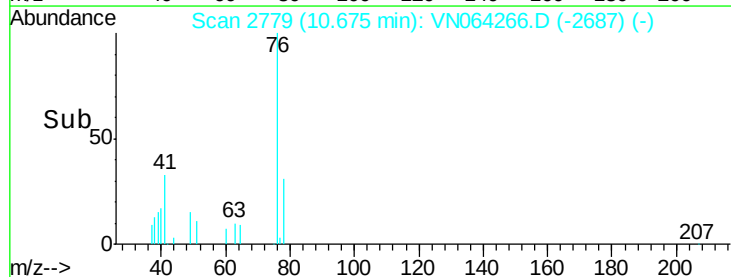
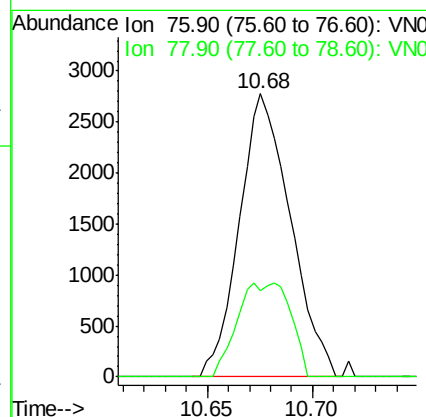
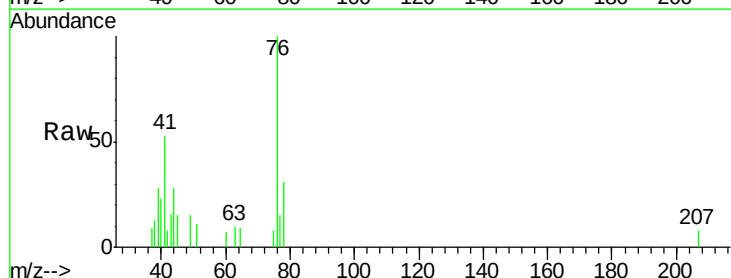
RT: 10.68 min Scan# 2779

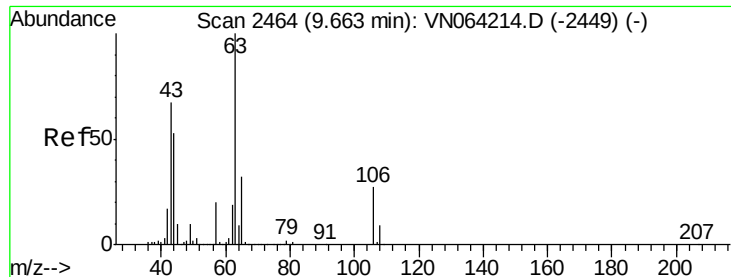
Delta R.T. -0.00 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Tgt Ion:	76	Resp:	4668
Ion	Ratio	Lower	Upper
76	100		
78	17.0	26.2	39.2#





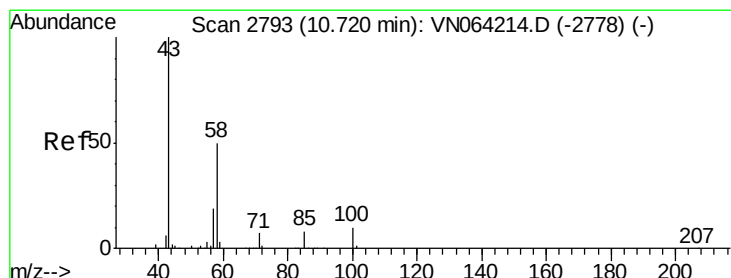
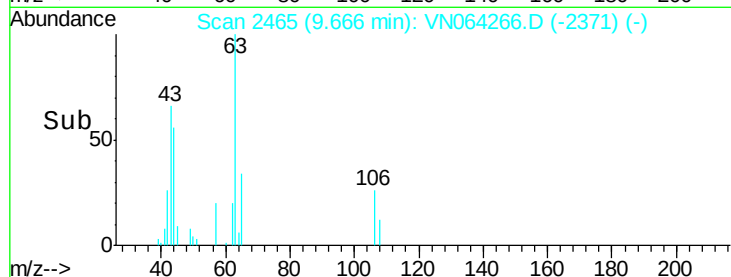
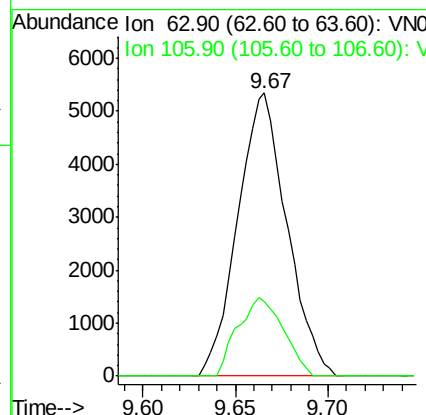
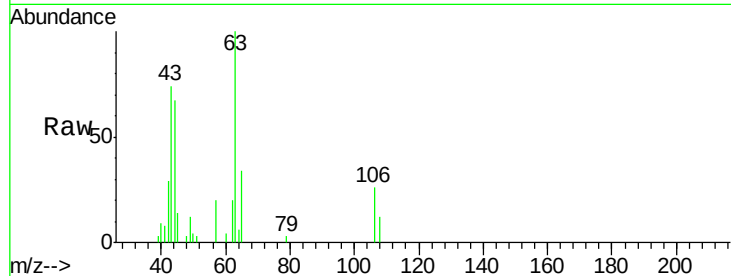
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.382 ug/l
 RT: 9.67 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion: 63 Resp: 9808
 Ion Ratio Lower Upper
 63 100
 106 25.7 21.3 31.9

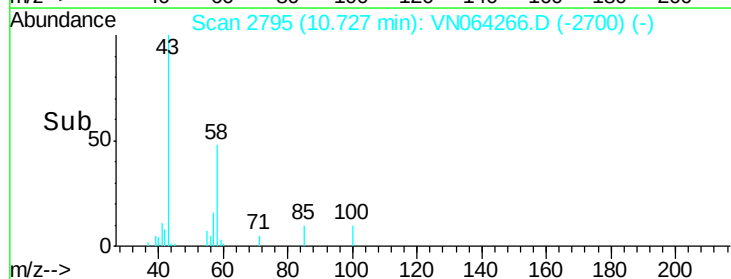
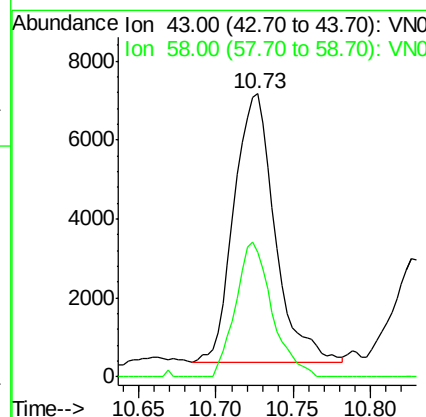
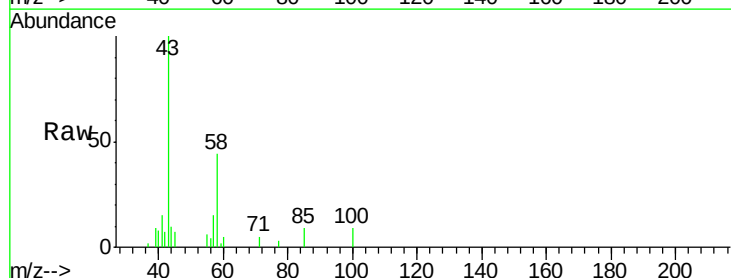
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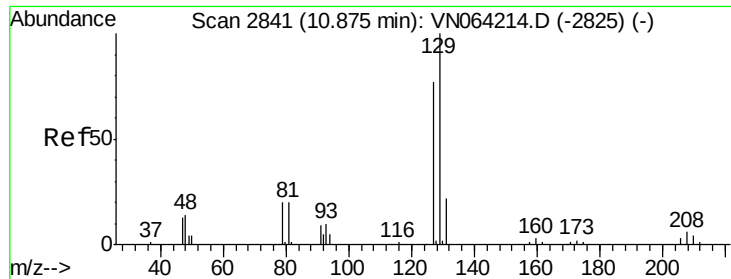
MMDadoda
 10/23/2020 3:37:53 PM



#59
 2-Hexanone
 Concen: 4.528 ug/l
 RT: 10.73 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Tgt Ion: 43 Resp: 12601
 Ion Ratio Lower Upper
 43 100
 58 44.1 24.8 74.3





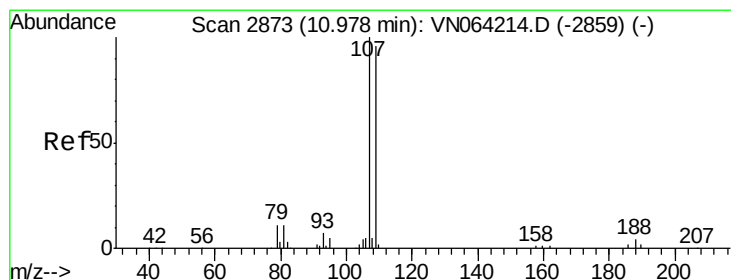
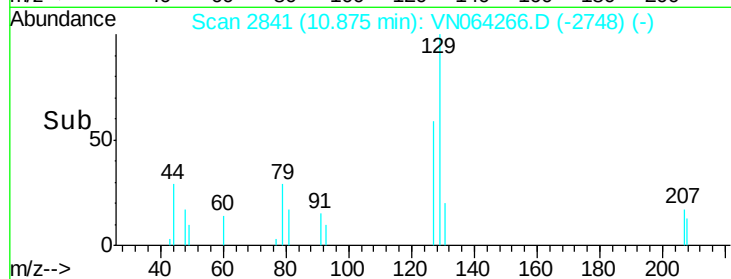
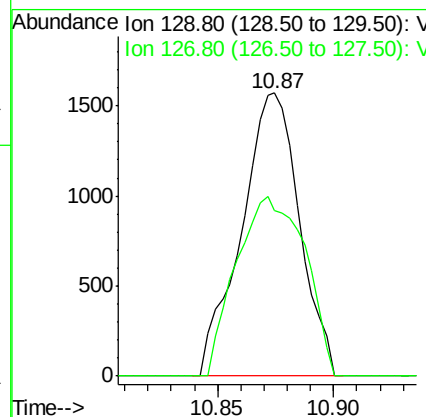
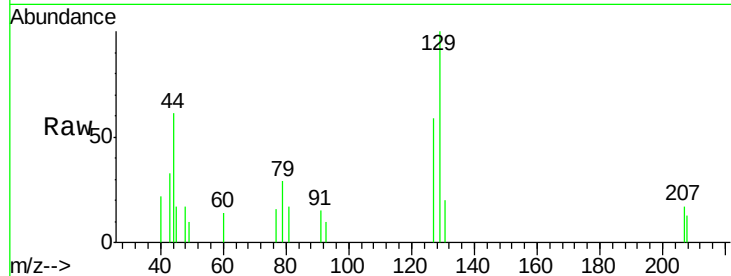
#60
 Dibromochloromethane
 Concen: 0.752 ug/l
 RT: 10.87 min Scan# 2841
 Delta R.T. -0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion:129 Resp: 2735
 Ion Ratio Lower Upper
 129 100
 127 75.6 38.8 116.3

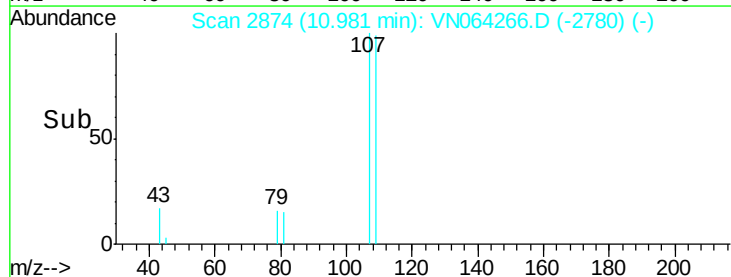
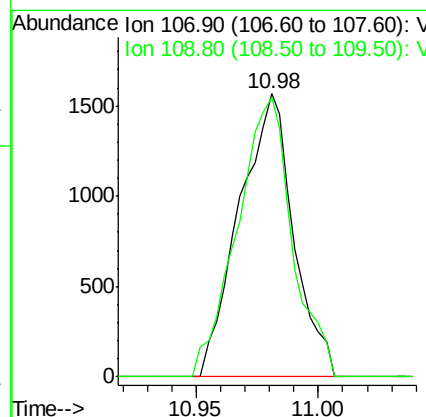
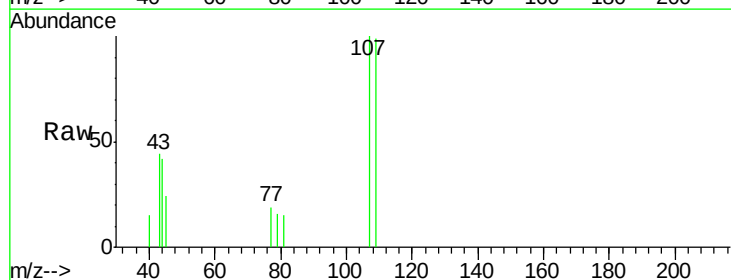
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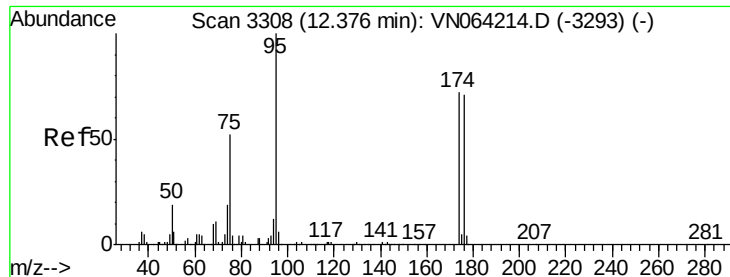
MMDadoda
 10/23/2020 3:37:53 PM



#61
 1,2-Dibromoethane
 Concen: 0.813 ug/l
 RT: 10.98 min Scan# 2874
 Delta R.T. 0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Tgt Ion:107 Resp: 2412
 Ion Ratio Lower Upper
 107 100
 109 100.1 76.2 114.4





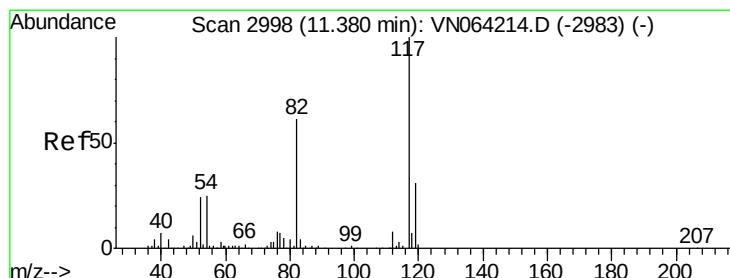
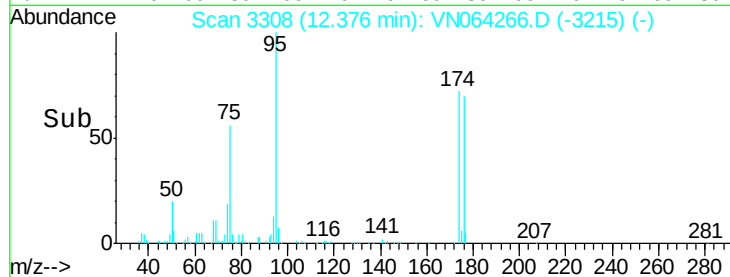
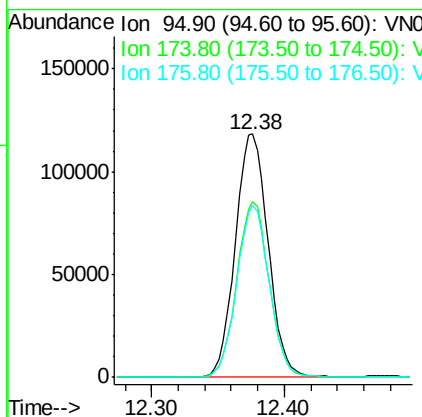
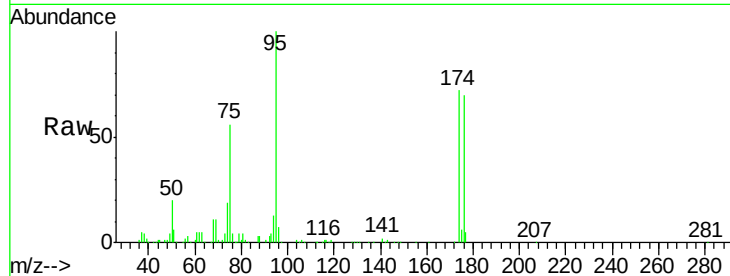
#62
4-Bromofluorobenzene
Concen: 49.224 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
95	100	203409		
174	71.6	0.0	144.4	
176	69.8	0.0	139.2	

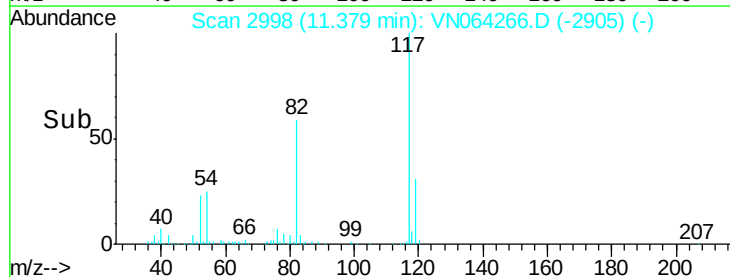
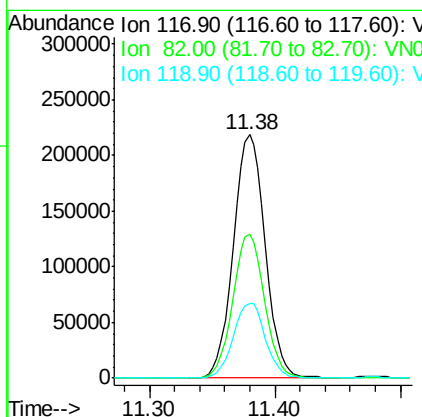
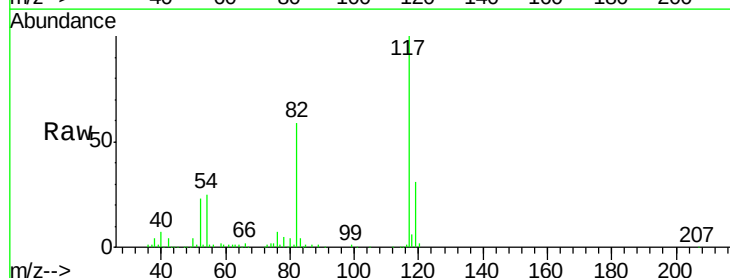
Manual Integrations
APPROVED

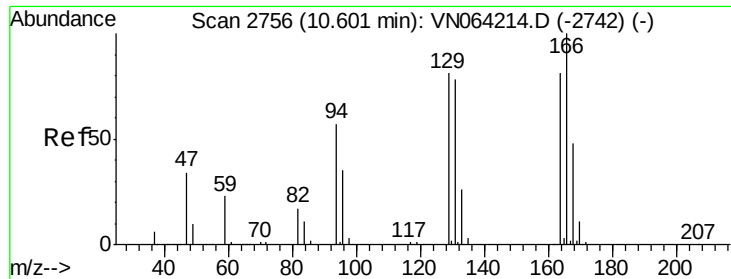
MMDadoda
10/23/2020 3:37:53 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	385519		
82	59.0	48.8	73.2	
119	30.9	24.7	37.1	





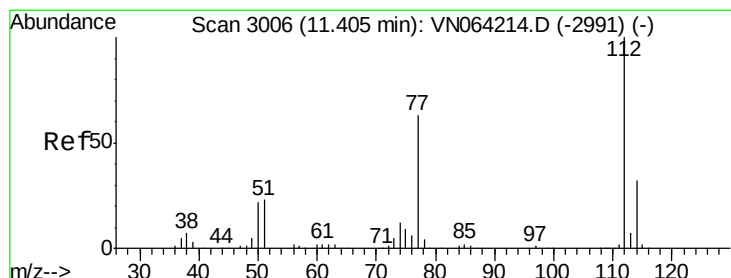
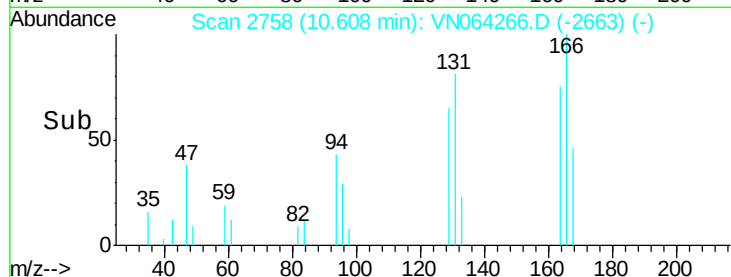
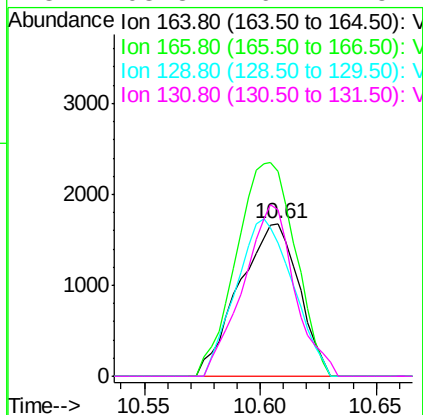
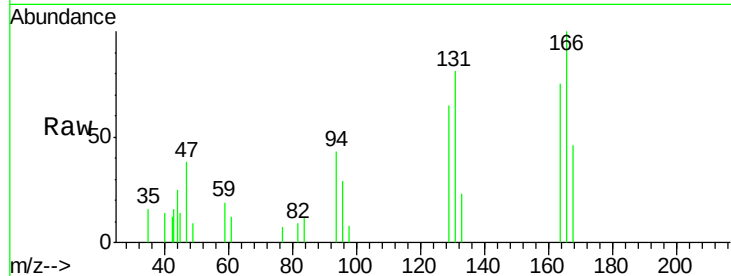
#64
Tetrachloroethene
Concen: 0.969 ug/l
RT: 10.61 min Scan# 2758
Delta R.T. 0.01 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
164	100		
166	134.1	98.9	148.3
129	86.8	79.9	119.9
131	108.8	76.7	115.1

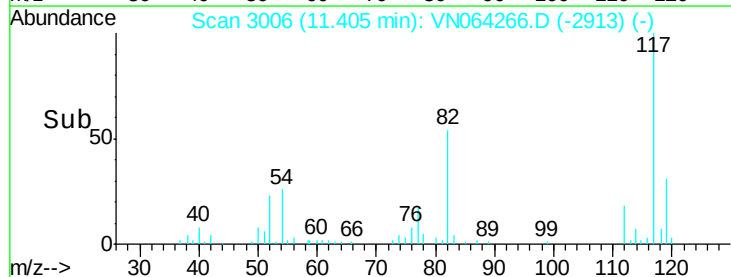
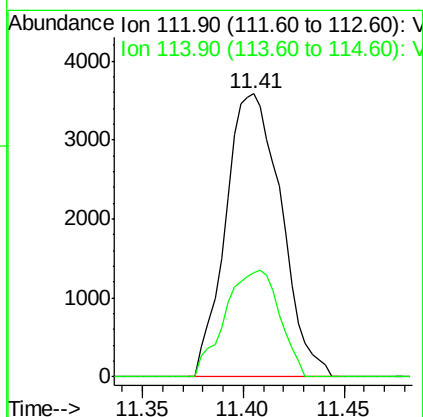
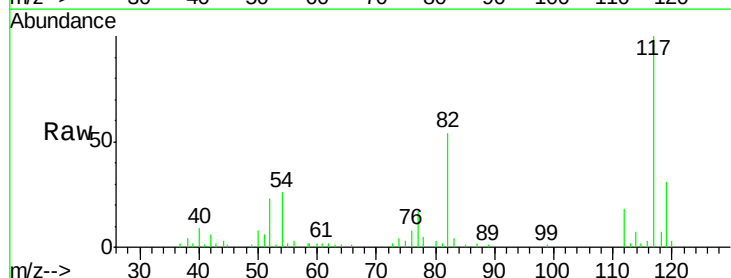
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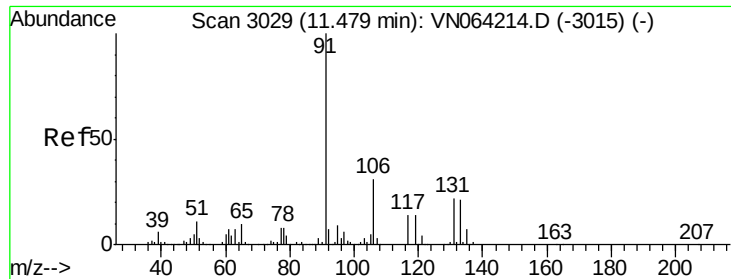
MMDadoda
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#65
Chlorobenzene
Concen: 0.864 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Tgt Ion	Ratio	Lower	Upper
112	100		
114	36.8	25.7	38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 0.934 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Instrument :

MSVOA_N

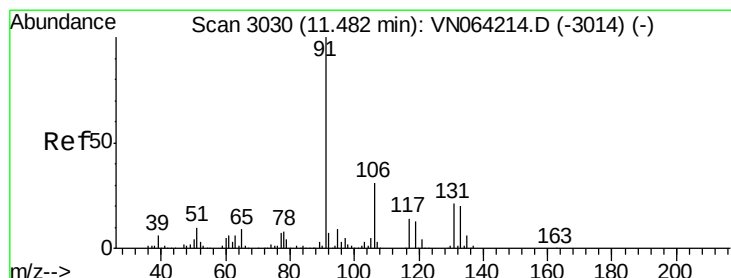
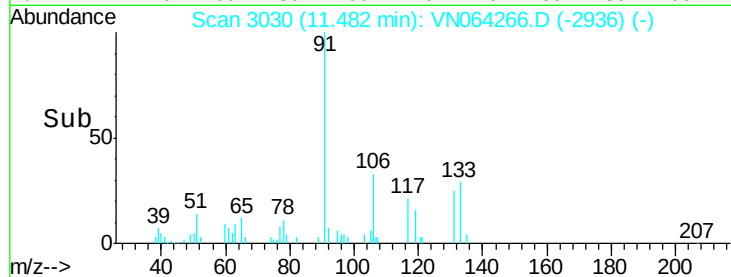
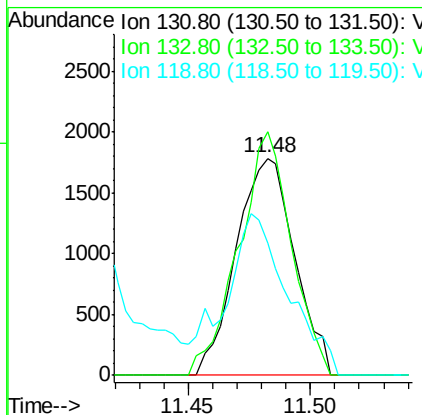
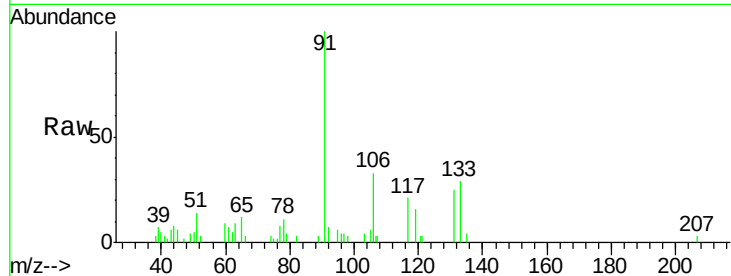
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
131	100		
133	101.4	47.8	143.4
119	0.0	32.2	96.6#

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#67

Ethyl Benzene

Concen: 0.810 ug/l

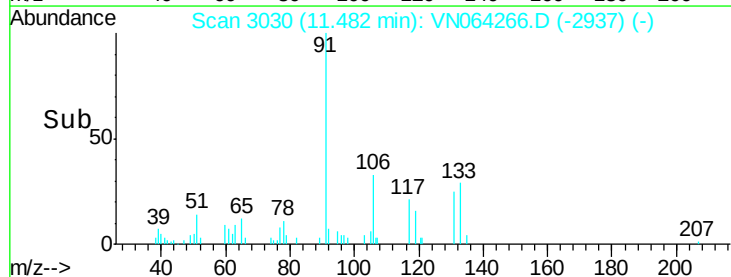
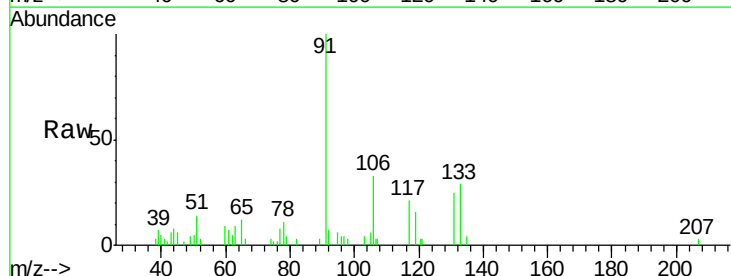
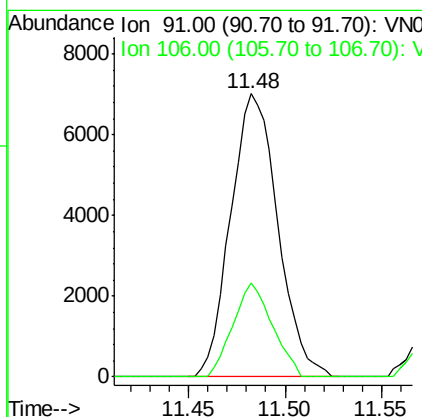
RT: 11.48 min Scan# 3030

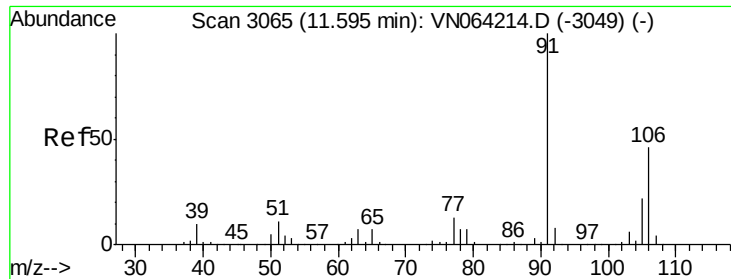
Delta R.T. -0.00 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.1	24.8	37.2





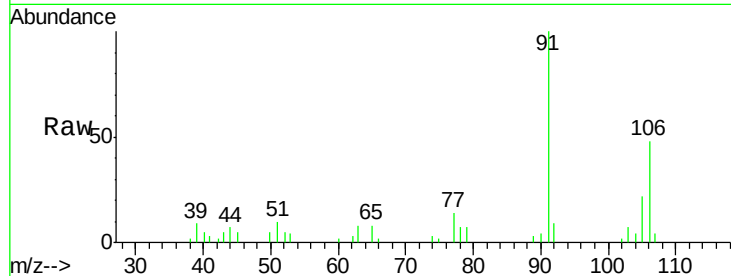
#68
m/p-Xylenes
Concen: 1.677 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2020

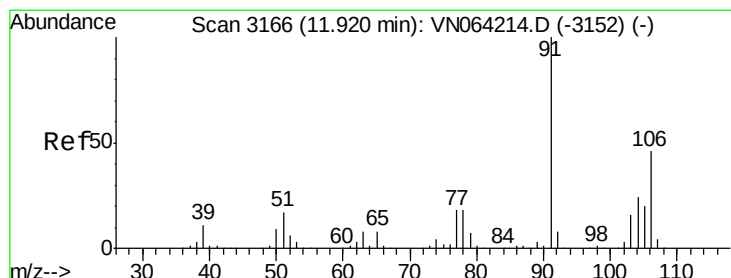
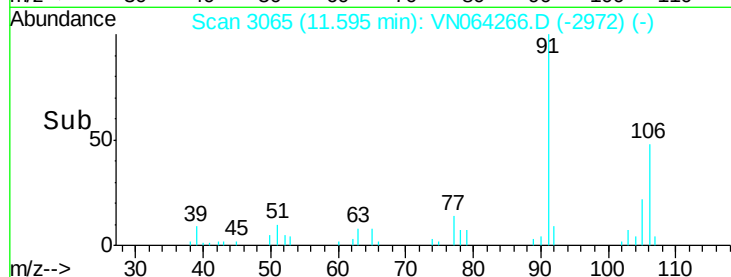
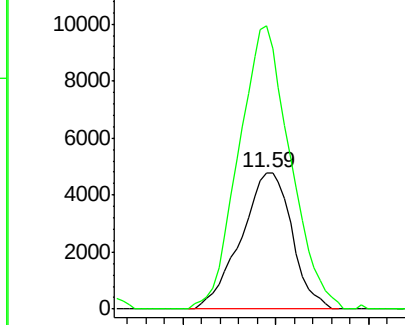
Tot Ion:106 Resp: 9112
Ion Ratio Lower Upper
106 100
91 210.2 172.2 258.2

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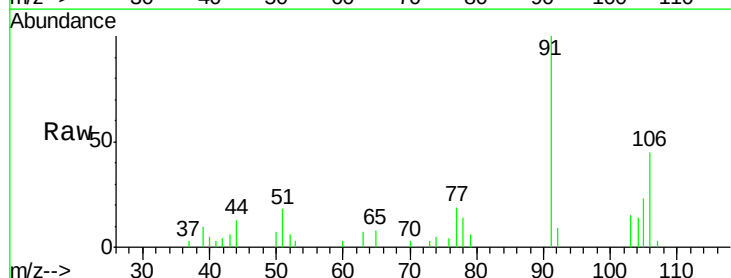


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

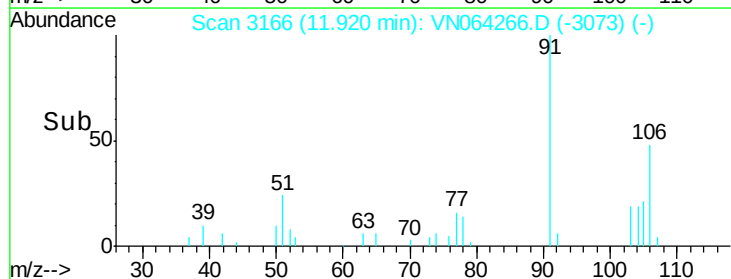
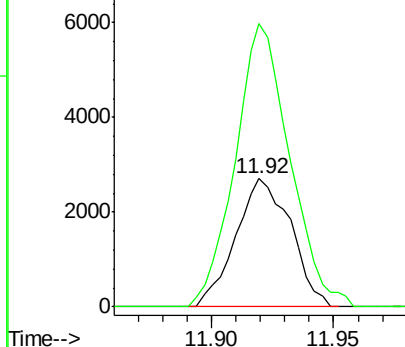


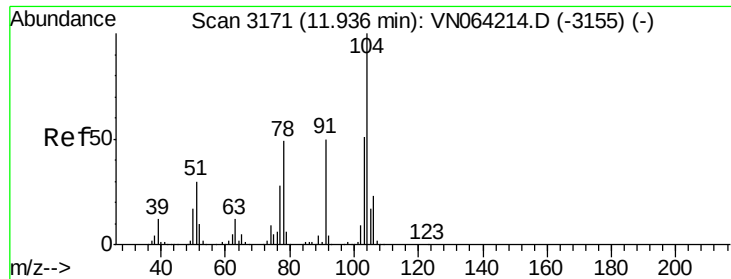
#69
o-Xylene
Concen: 0.805 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Tgt Ion:106 Resp: 4229
Ion Ratio Lower Upper
106 100
91 218.5 109.9 329.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





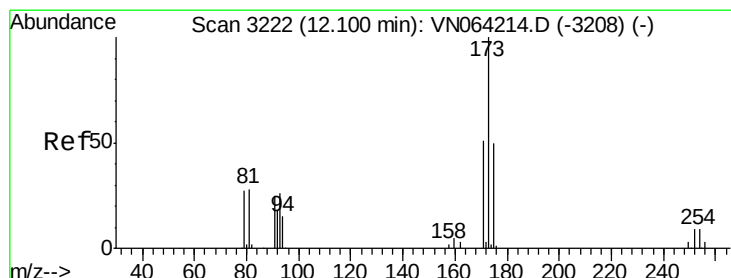
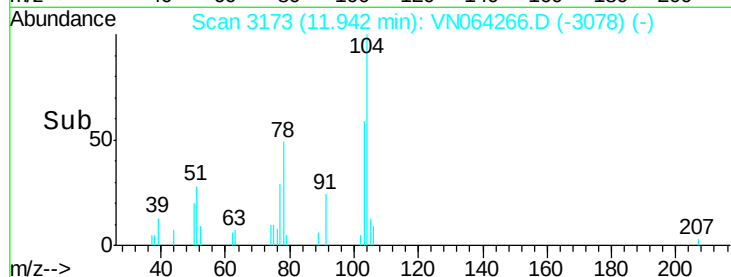
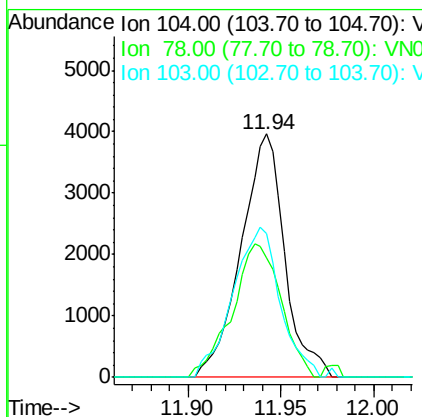
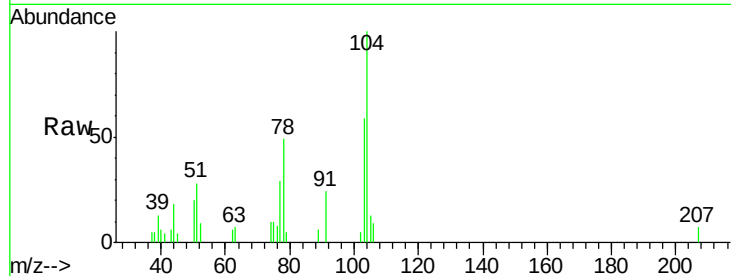
#70
Stvrene
Concen: 0.741 ug/l
RT: 11.94 min Scan# 3173
Delta R.T. 0.01 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Resp	Lower	Upper
104	100	6531		
78	61.1		43.8	65.6
103	66.4		43.4	65.2#

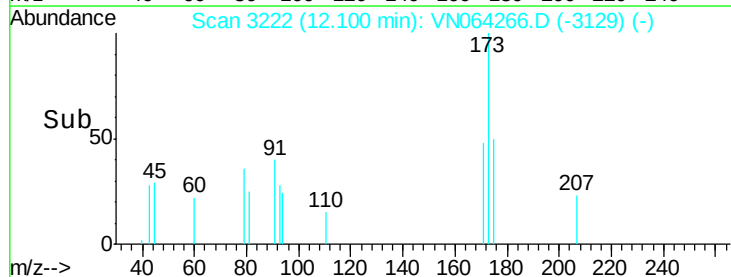
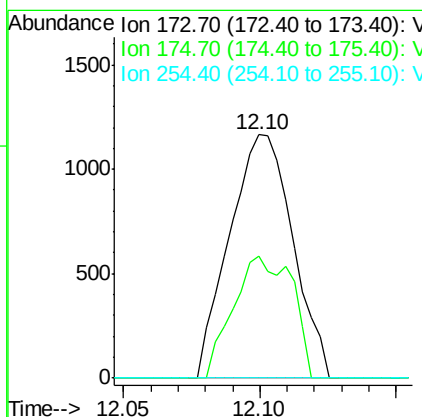
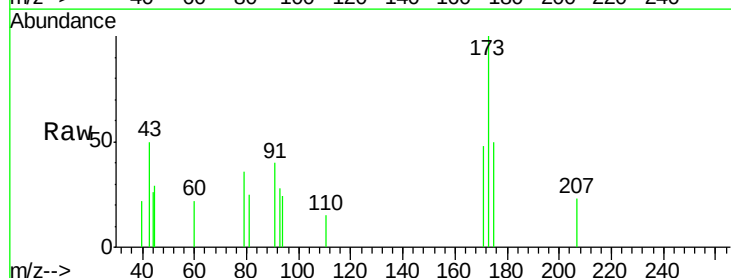
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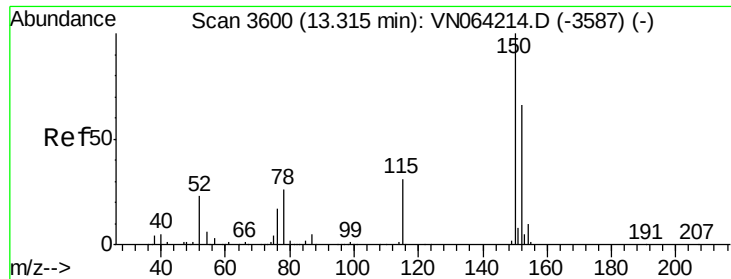
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#71
Bromoform
Concen: 0.765 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	1871		
175	47.0		25.1	75.3
254	0.0		0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:152 Resp: 164769

Ion Ratio Lower Upper

152 100

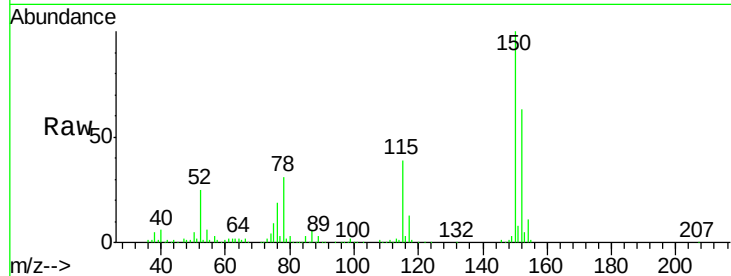
115 62.8 32.0 96.2

150 156.1 0.0 356.6

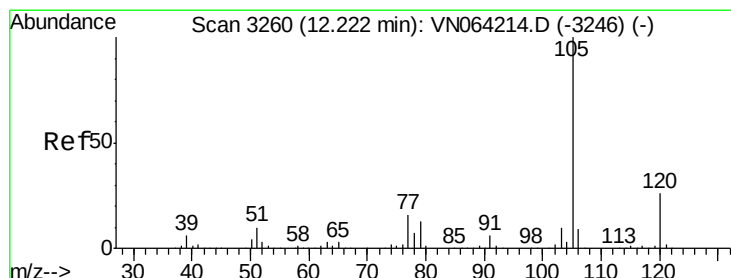
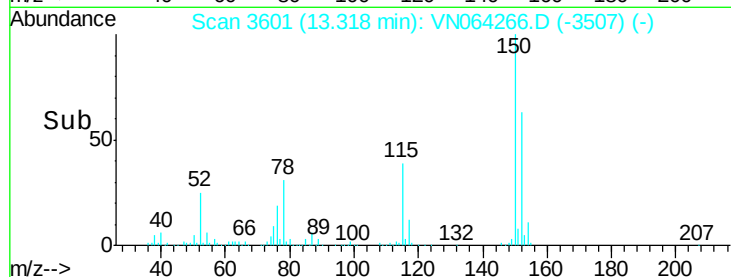
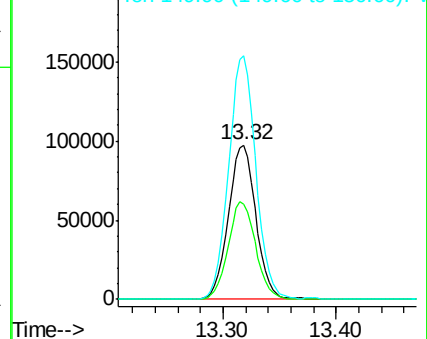
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.940 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064266.D

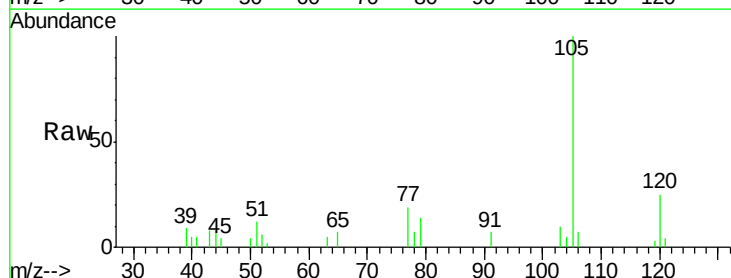
Acq: 22 Oct 2020 21:39

Tgt Ion:105 Resp: 11812

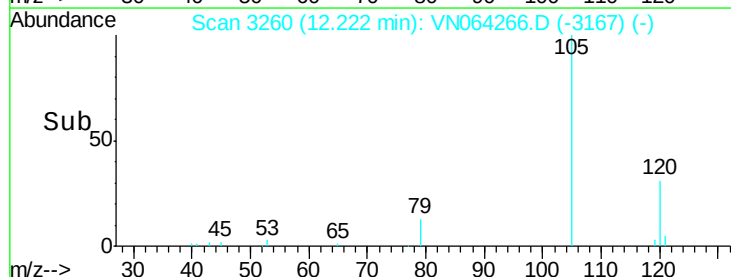
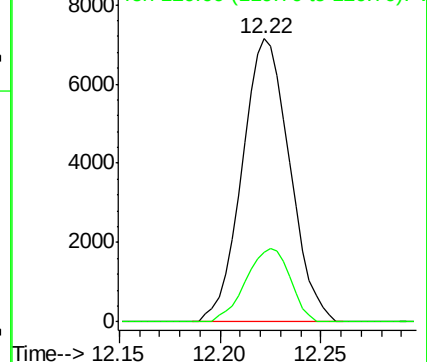
Ion Ratio Lower Upper

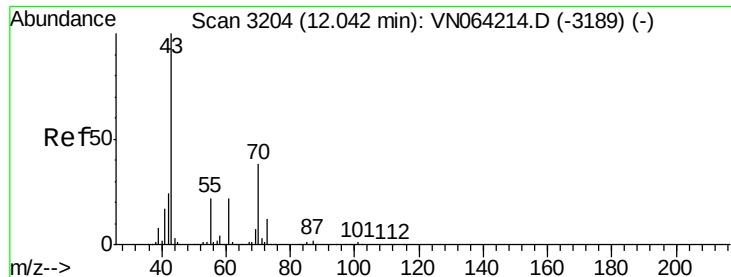
105 100

120 24.0 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.799 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Instrument :

MSVOA_N

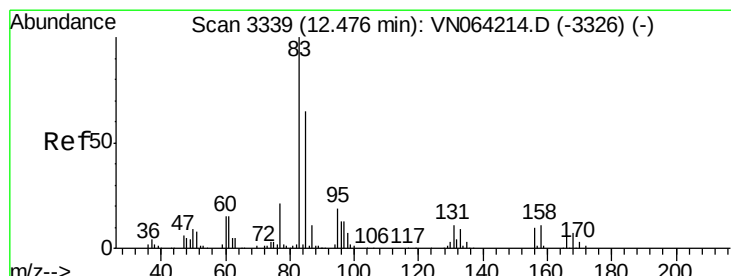
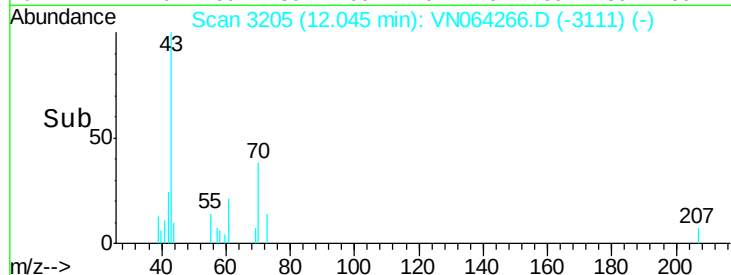
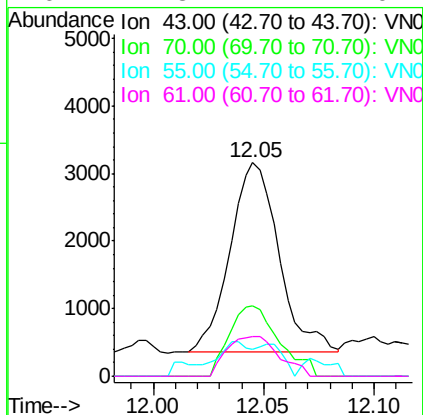
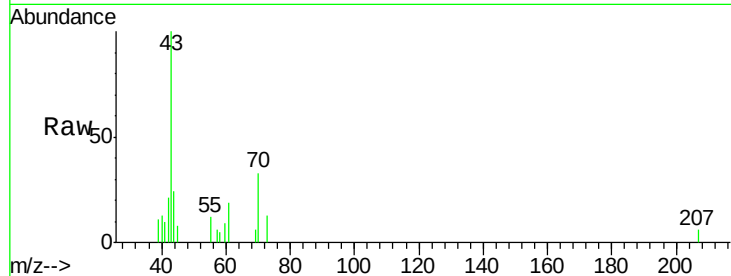
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion	43	Resp	4340
Ion	Ratio	Lower	Upper
43	100		
70	37.3	30.2	45.4
55	6.8	18.0	27.0
61	22.3	17.4	26.2

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#75

1,1,2,2-Tetrachloroethane

Concen: 0.893 ug/l

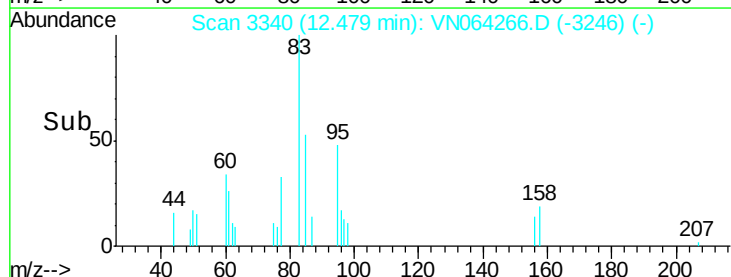
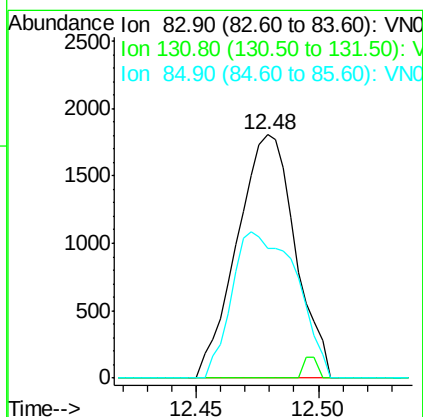
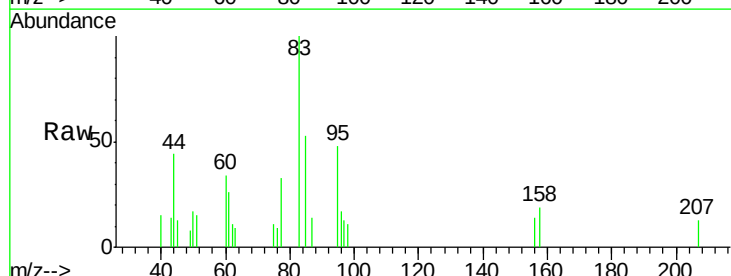
RT: 12.48 min Scan# 3340

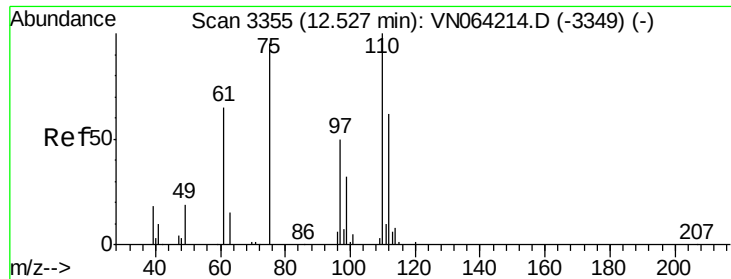
Delta R.T. 0.00 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Tgt Ion	83	Resp	2977
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.7
85	67.1	32.4	97.0





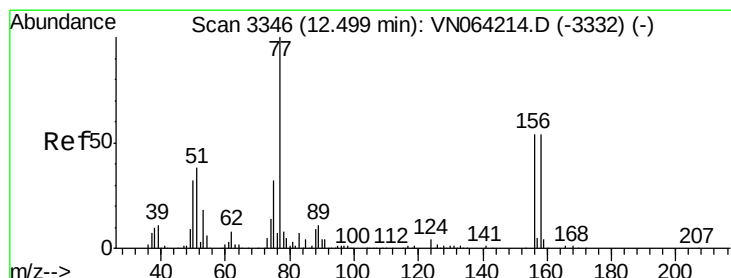
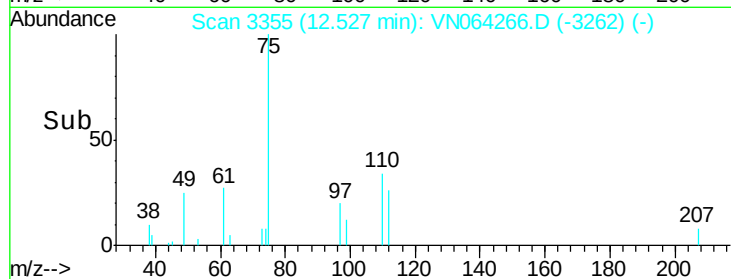
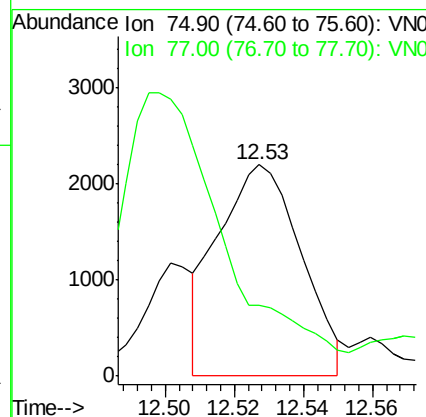
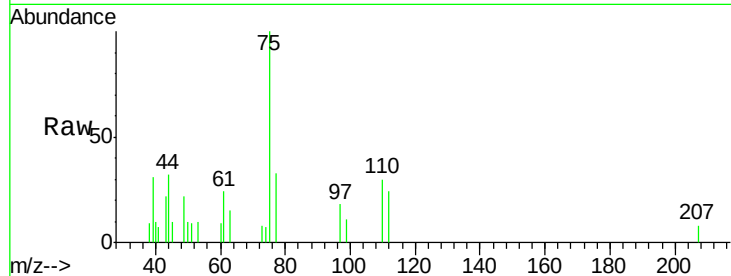
#76
 1,2,3-Trichloropropane
 Concen: 1.053 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion: 75 Resp: 3656
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

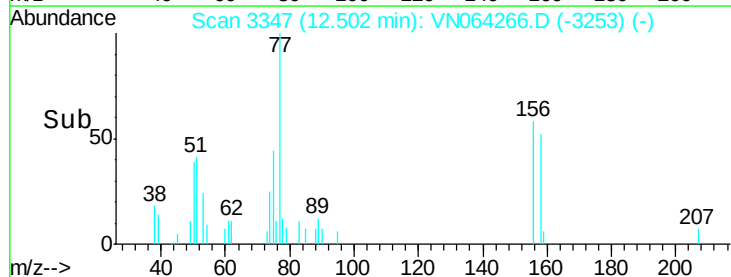
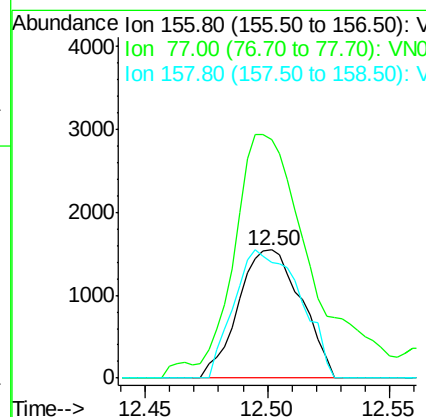
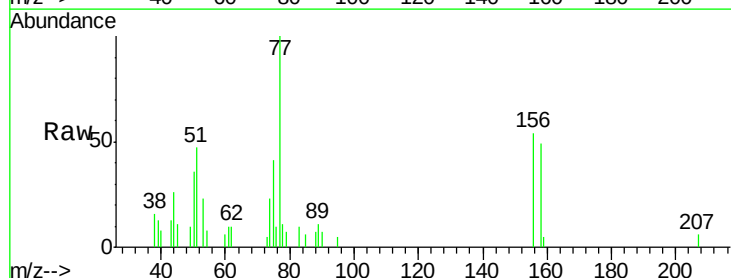
Manual Integrations
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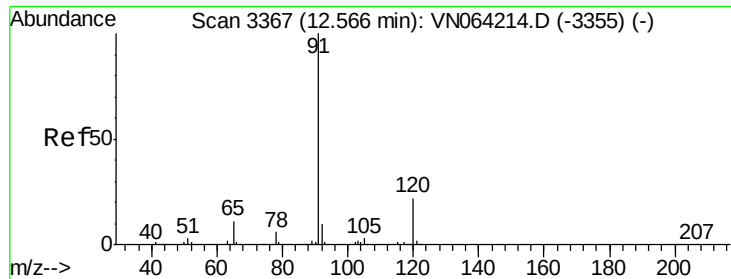
MMDadoda
 10/23/2020 3:37:53 PM



#77
 Bromobenzene
 Concen: 0.935 ug/l
 RT: 12.50 min Scan# 3347
 Delta R.T. 0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Tgt Ion: 156 Resp: 2775
 Ion Ratio Lower Upper
 156 100
 77 235.2 111.1 333.4
 158 104.6 50.0 150.1





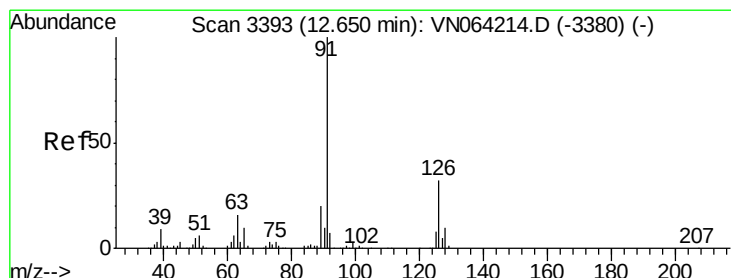
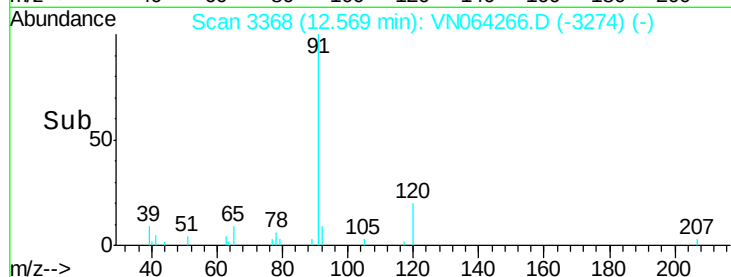
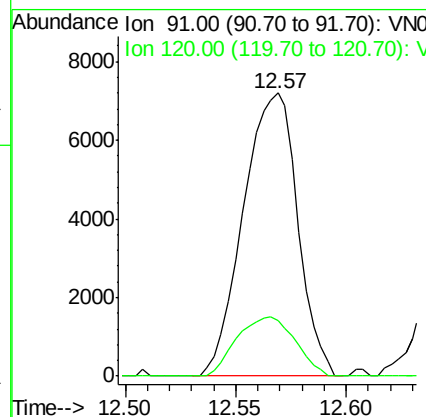
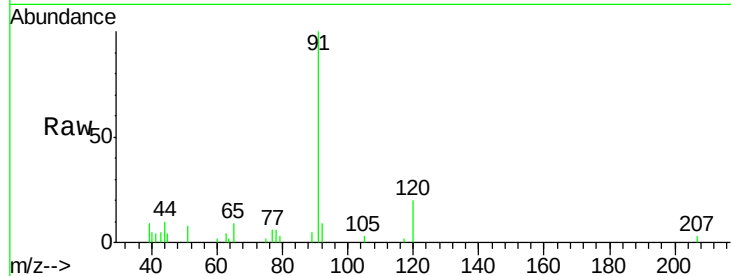
#78
n-propylbenzene
Concen: 0.870 ug/l
RT: 12.57 min Scan# 3368
Delta R.T. 0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion: 91 Resp: 12324
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.1

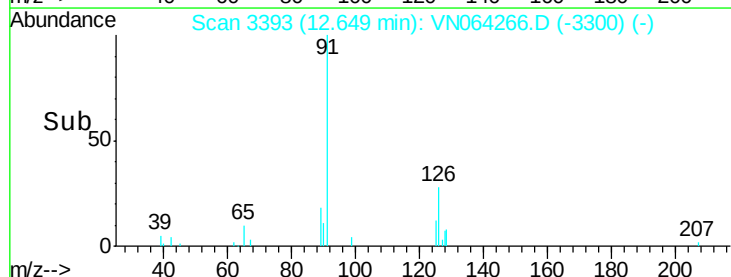
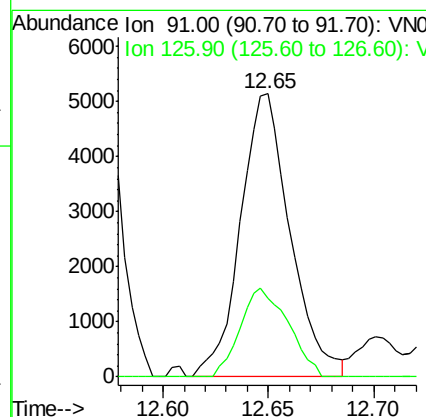
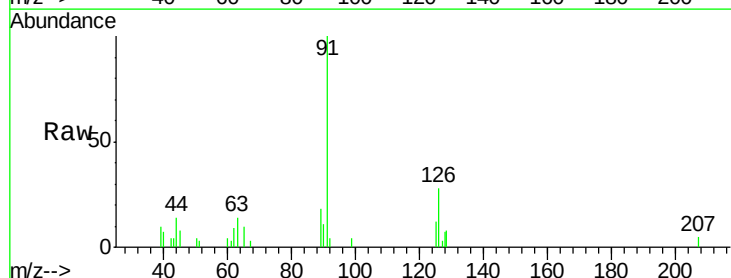
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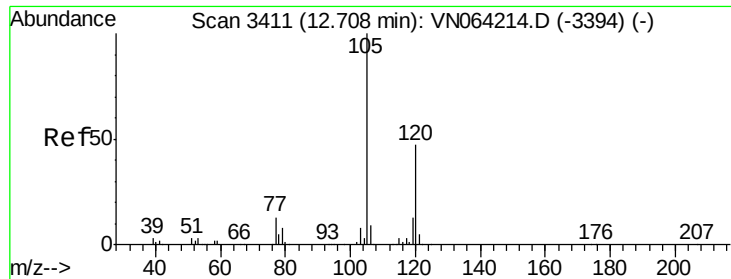
MMDadoda
10/23/2020 3:37:53 PM



#79
2-Chlorotoluene
Concen: 0.969 ug/l
RT: 12.65 min Scan# 3393
Delta R.T. -0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Tgt Ion: 91 Resp: 8437
Ion Ratio Lower Upper
91 100
126 30.0 16.0 48.0





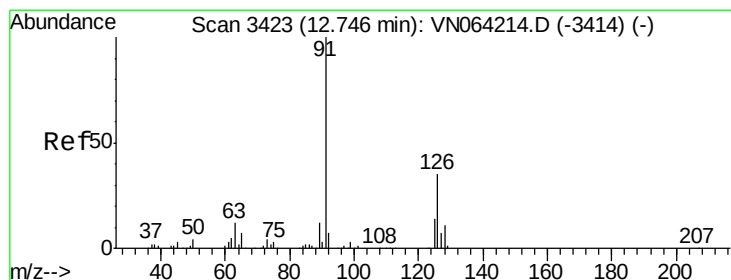
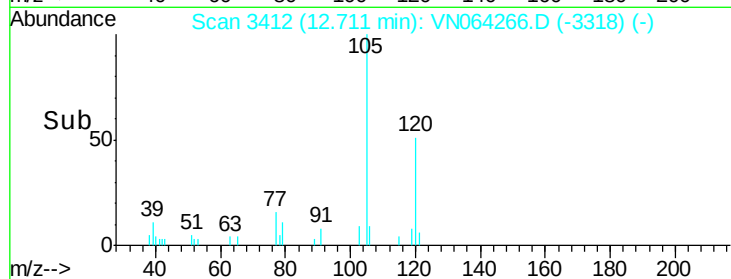
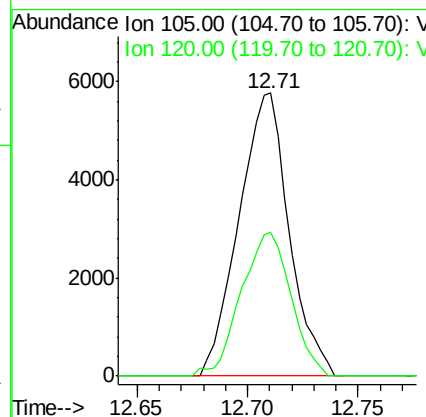
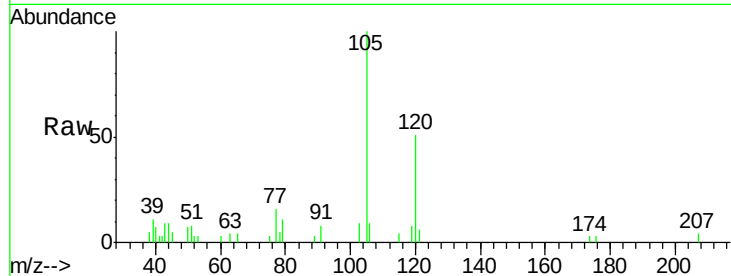
#80
 1,3,5-Trimethylbenzene
 Concen: 0.857 ug/l
 RT: 12.71 min Scan# 3412
 Delta R.T. 0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion:105 Resp: 9100
 Ion Ratio Lower Upper
 105 100
 120 50.4 23.4 70.0

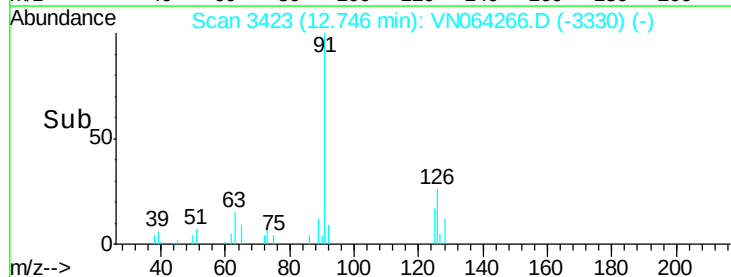
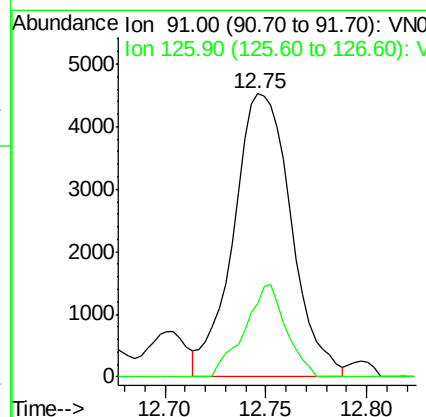
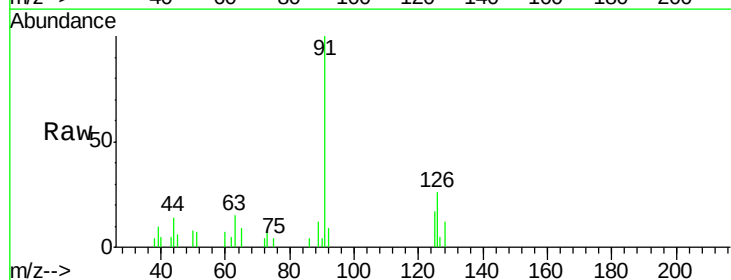
Manual Integrations
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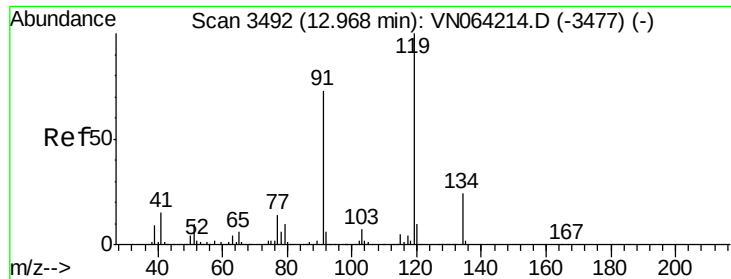
MMDadoda
 10/23/2020 3:37:53 PM



#82
 4-Chlorotoluene
 Concen: 0.997 ug/l
 RT: 12.75 min Scan# 3423
 Delta R.T. -0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Tgt Ion: 91 Resp: 9048
 Ion Ratio Lower Upper
 91 100
 126 23.6 15.8 47.3





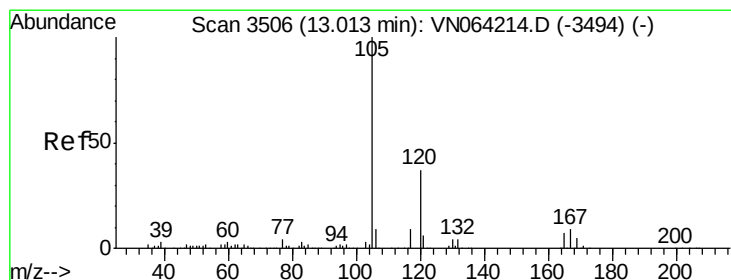
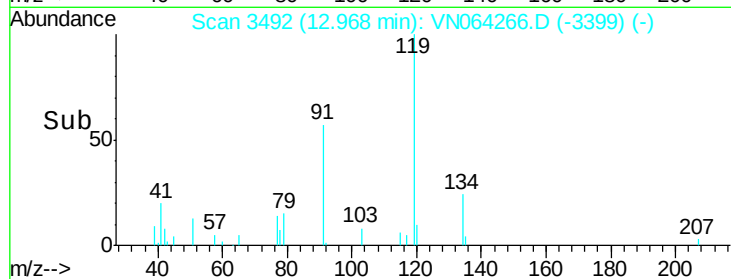
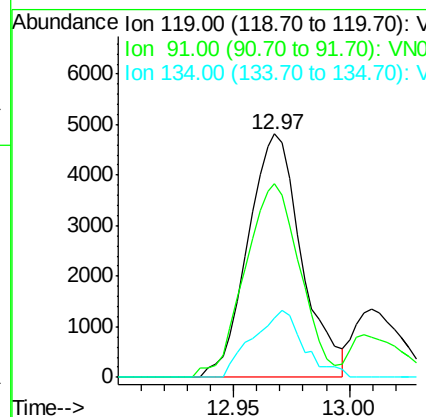
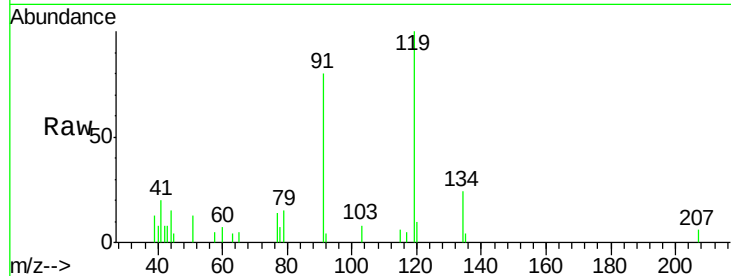
#83
 tert-Butylbenzene
 Concen: 0.888 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
119	100		
91	81.2	35.1	105.3
134	26.0	11.6	34.8

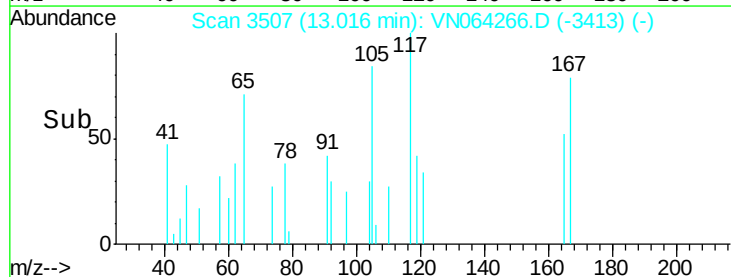
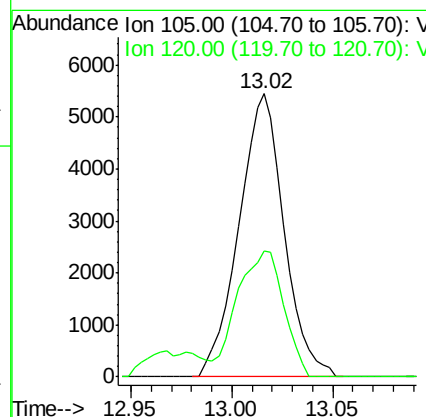
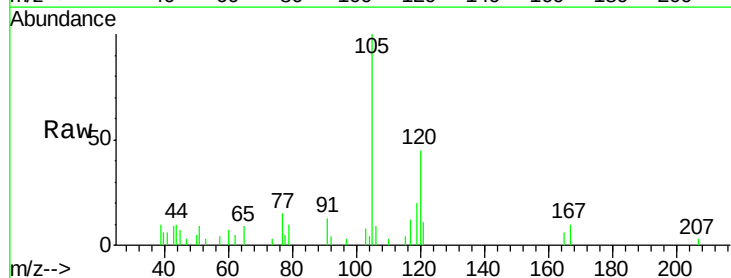
Manual Integrations
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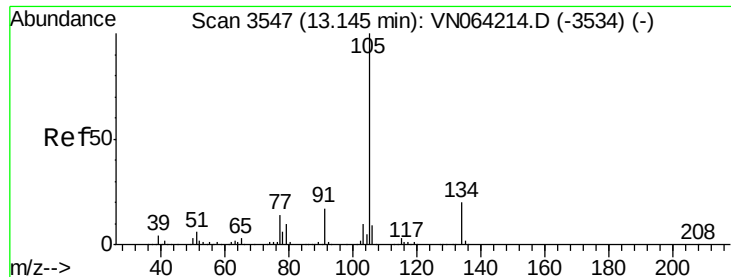
MMDadoda
 10/23/2020 3:37:53 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 0.806 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	21.5	64.5





#85

sec-Butylbenzene

Concen: 0.859 ug/l

RT: 13.15 min Scan# 3549

Delta R.T. 0.01 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:105 Resp: 9432

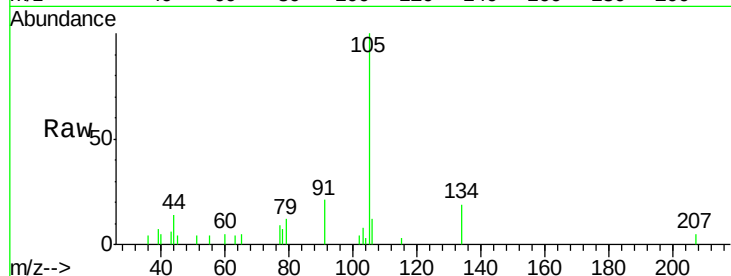
Ion Ratio Lower Upper

105 100

134 20.5 9.7 29.1

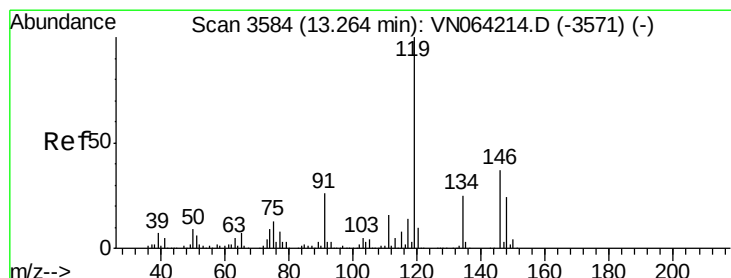
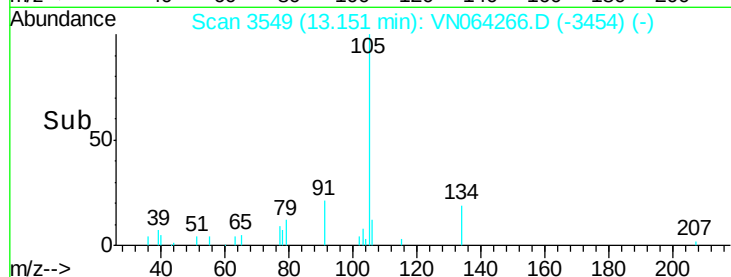
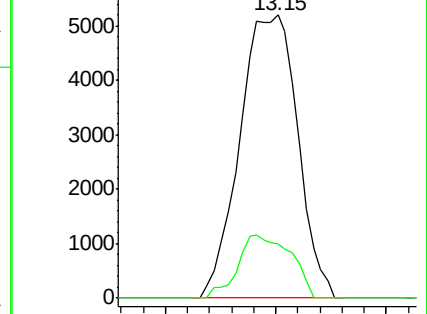
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.793 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

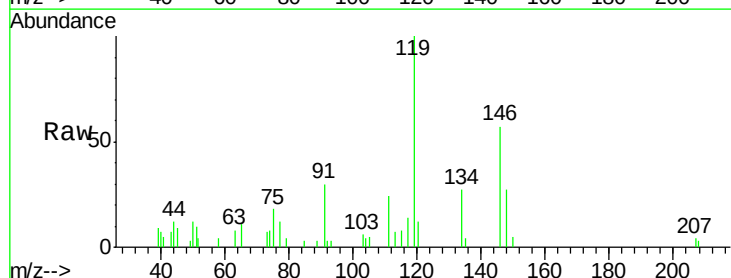
Tgt Ion:119 Resp: 7928

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

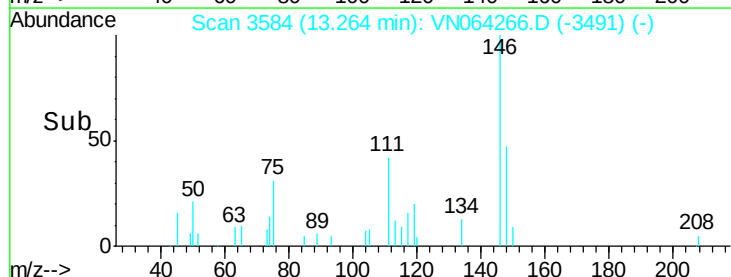
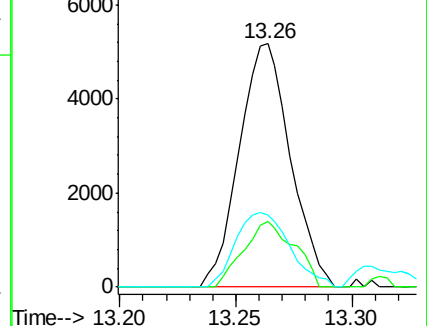
91 32.3 13.4 40.2

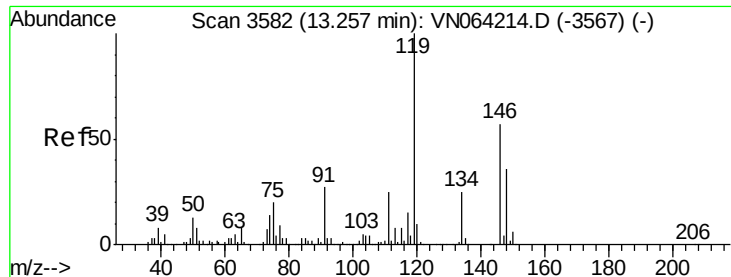


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





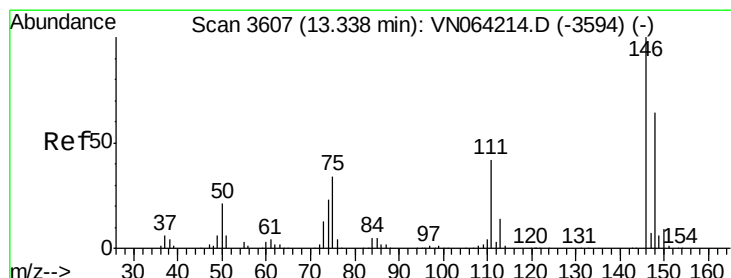
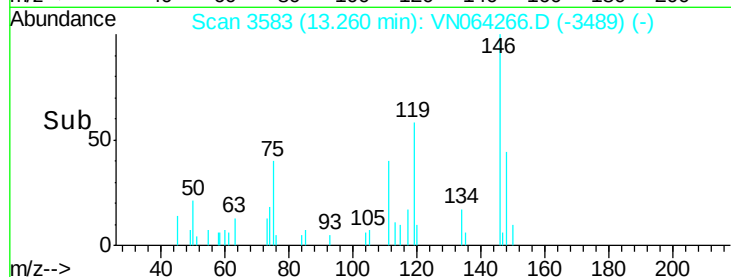
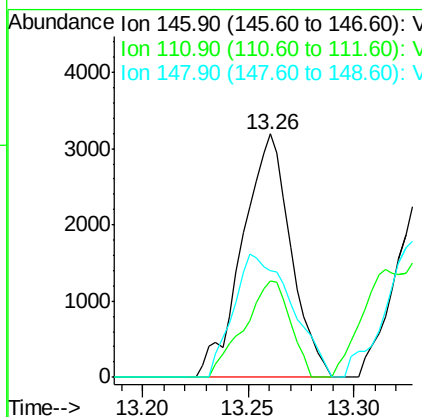
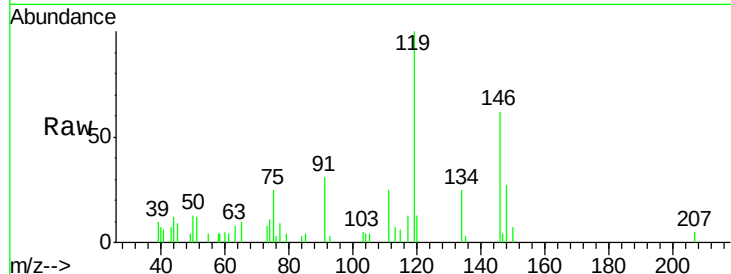
#87
 1,3-Dichlorobenzene
 Concen: 0.965 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	21.6	65.0
148	60.7	31.7	95.1

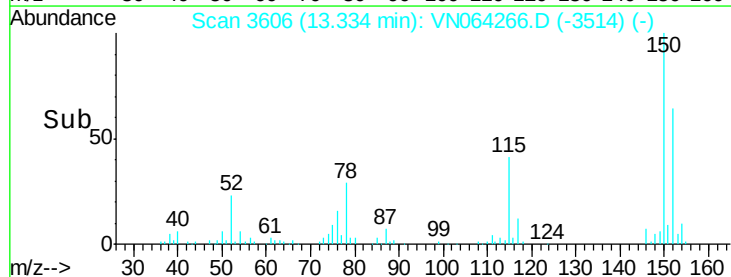
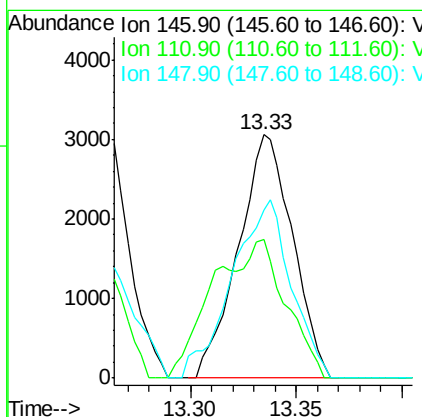
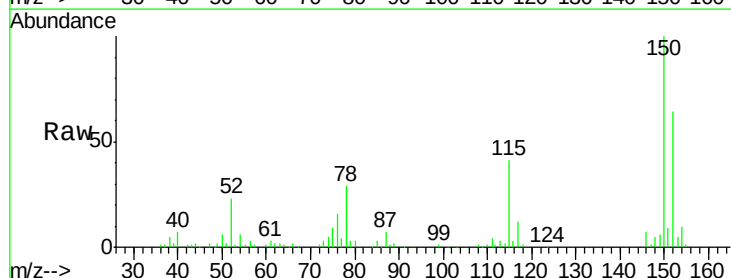
Manual Integrations
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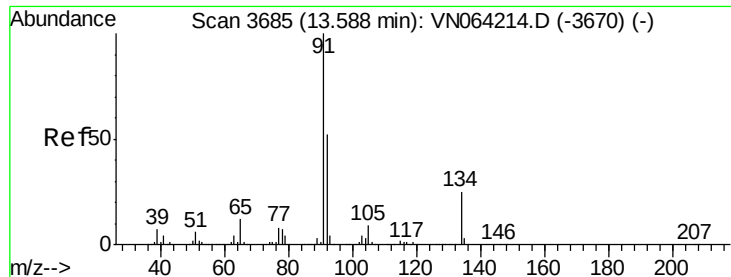
MMDadoda
 10/23/2020 3:37:53 PM



#88
 1,4-Dichlorobenzene
 Concen: 1.011 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	21.5	64.5
148	79.8	32.0	96.0





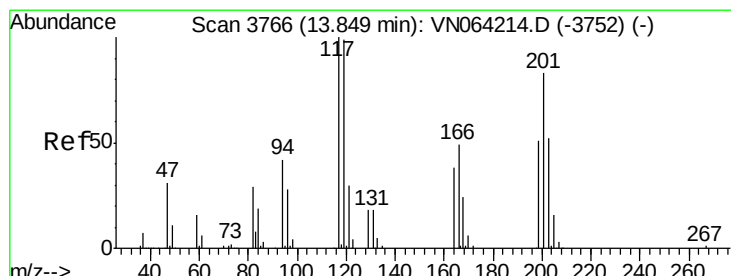
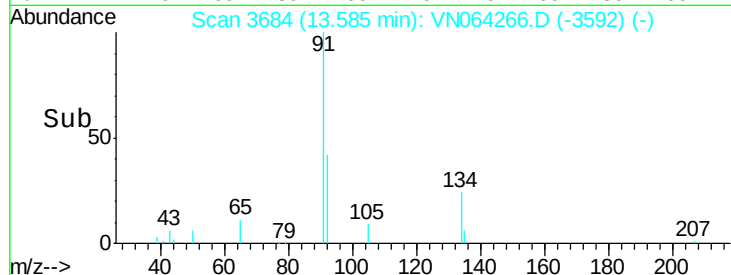
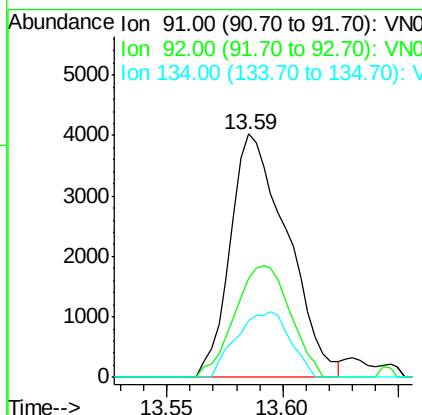
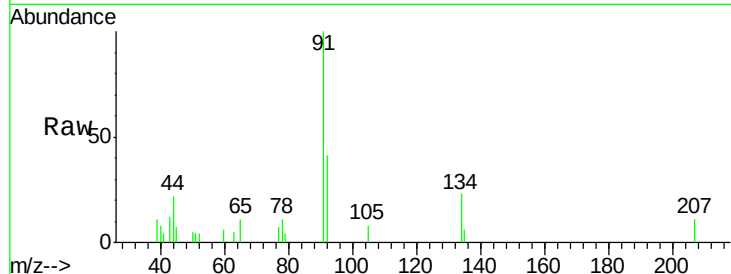
#89
n-Butylbenzene
Concen: 0.765 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion: 91 Resp: 6859
Ion Ratio Lower Upper
91 100
92 44.8 25.7 77.0
134 25.4 12.3 36.8

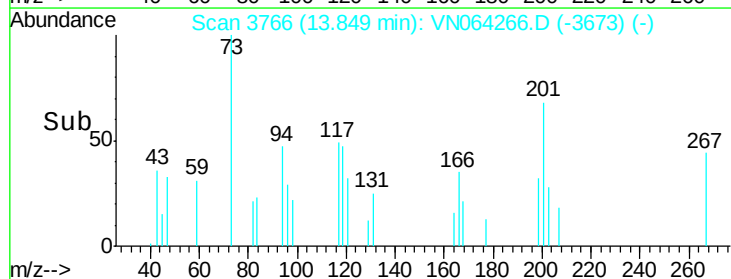
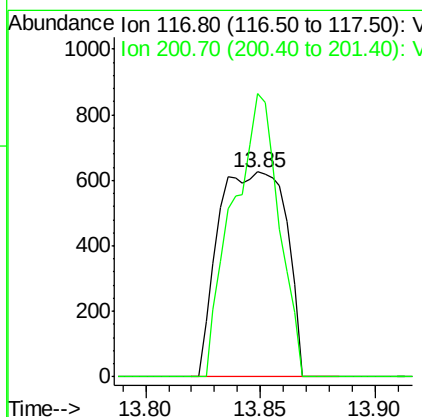
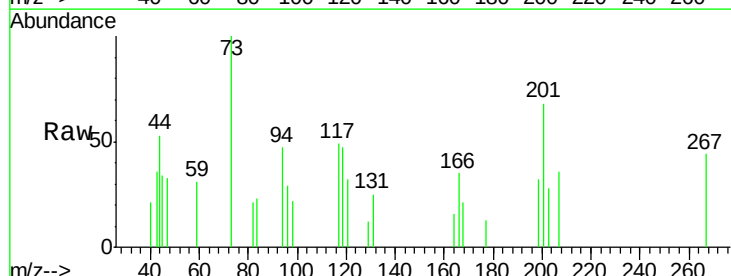
Manual Integrations
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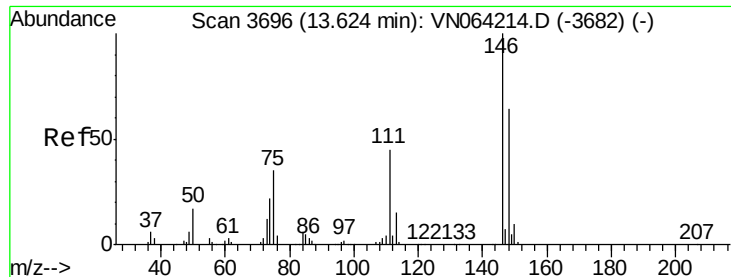
MMDadoda
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#90
Hexachloroethane
Concen: 0.707 ug/l m
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Tgt Ion: 117 Resp: 1281
Ion Ratio Lower Upper
117 100
201 93.4 40.1 120.3





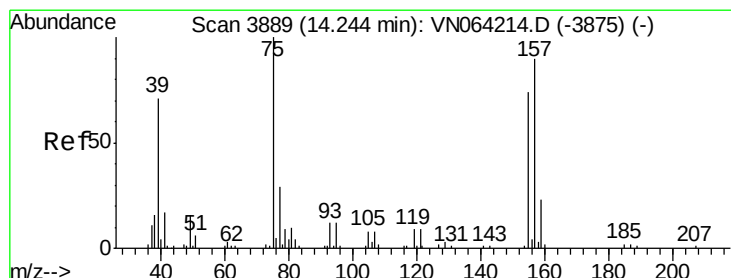
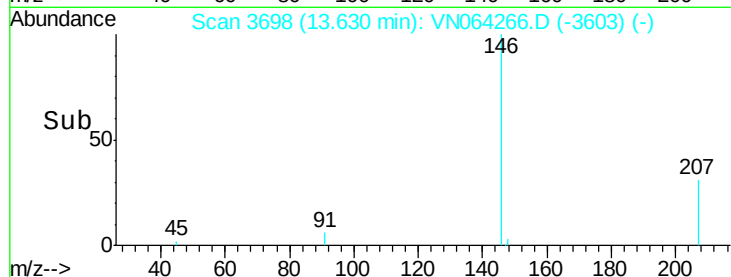
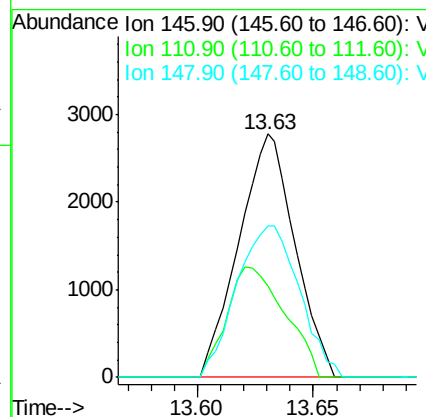
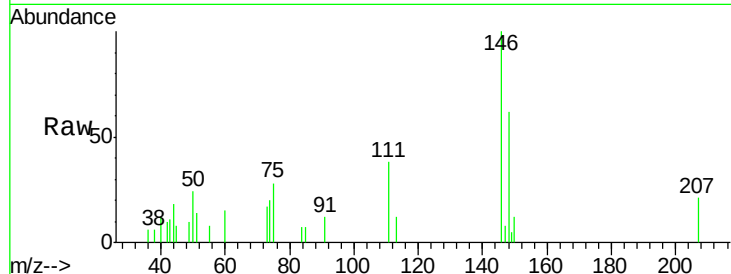
#91
 1,2-Dichlorobenzene
 Concen: 0.902 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.01 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.9	22.9	68.7
148	69.5	31.9	95.5

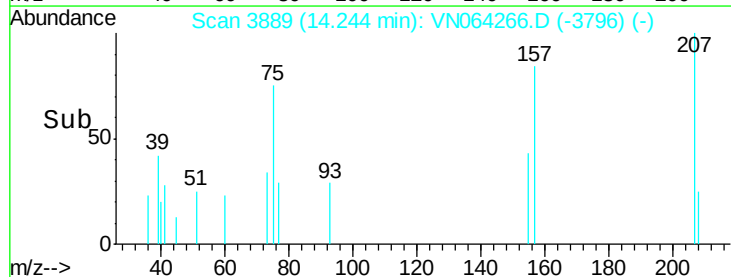
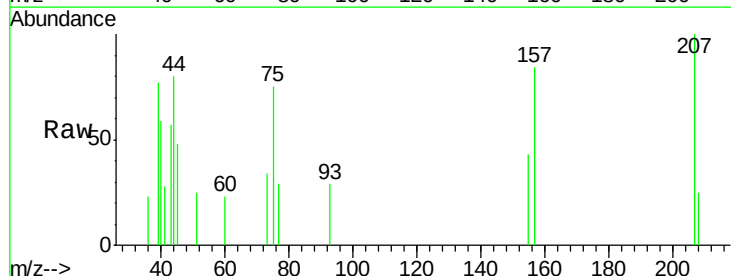
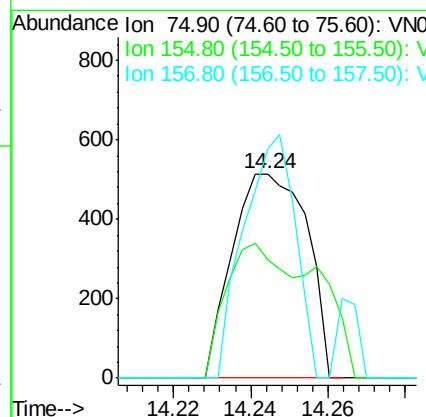
Manual Integrations
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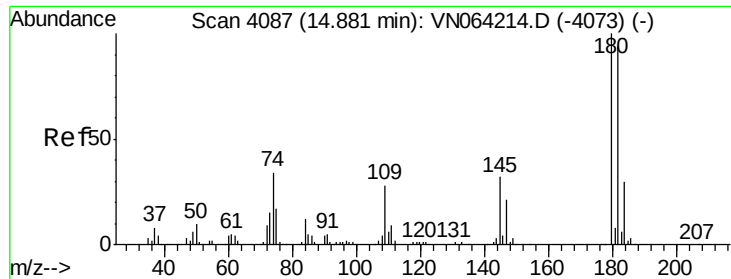
MMDadoda
 10/23/2020 3:37:53 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.827 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN064266.D
 Acq: 22 Oct 2020 21:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	53.3	36.9	110.7
157	82.3	44.6	133.8





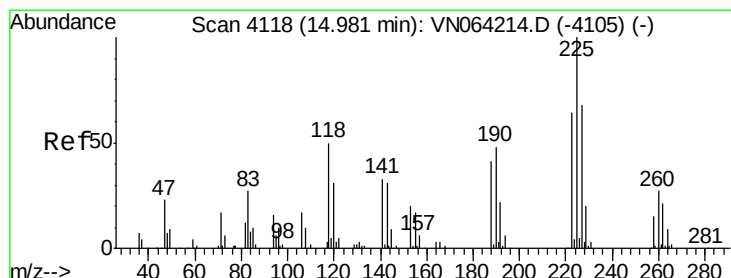
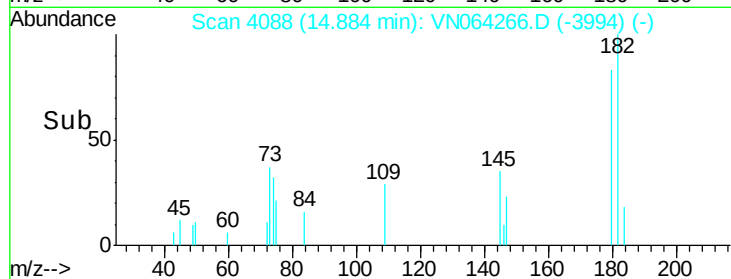
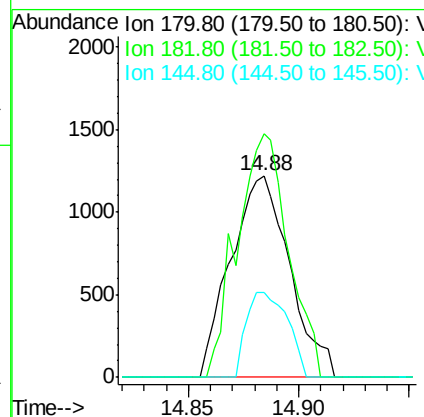
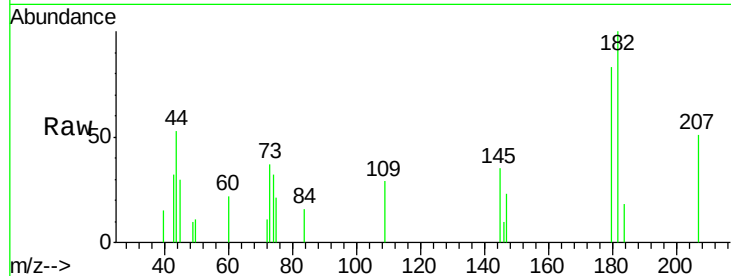
#93
1,2,4-Trichlorobenzene
Concen: 0.780 ug/l
RT: 14.88 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2020

Tot Ion	Ratio	Lower	Upper
180	100		
182	104.9	46.9	140.7
145	29.4	16.1	48.3

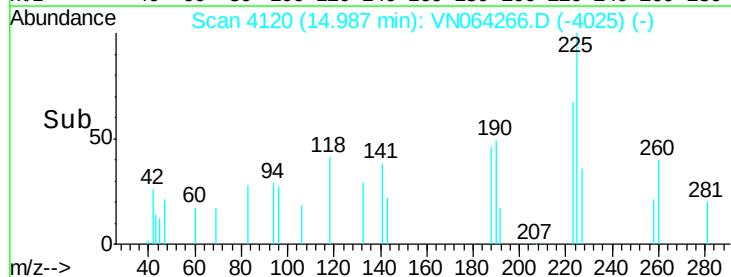
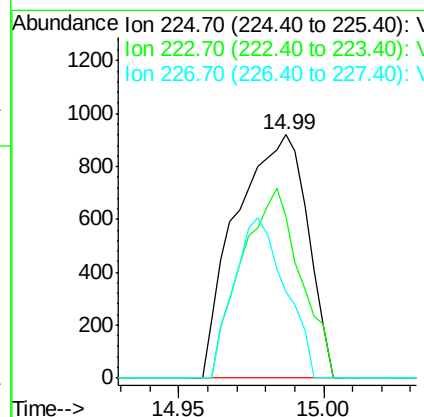
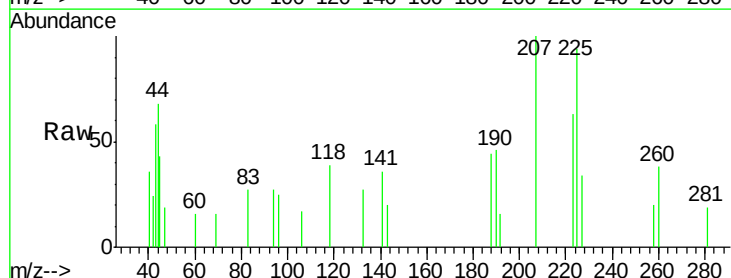
Manual Integrations
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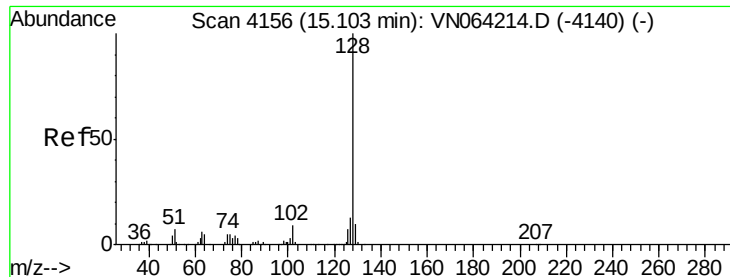
MMDadoda
10/23/2020 3:37:53 PM



#94
Hexachlorobutadiene
Concen: 1.003 ug/l
RT: 14.99 min Scan# 4120
Delta R.T. 0.01 min
Lab File: VN064266.D
Acq: 22 Oct 2020 21:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.5	94.5
227	47.1	32.1	96.5





#95

Naphthalene

Concen: 0.714 ug/l

RT: 15.11 min Scan# 4158

Delta R.T. 0.01 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Instrument :

MSVOA_N

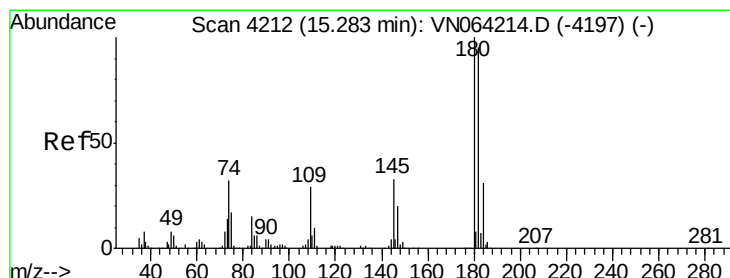
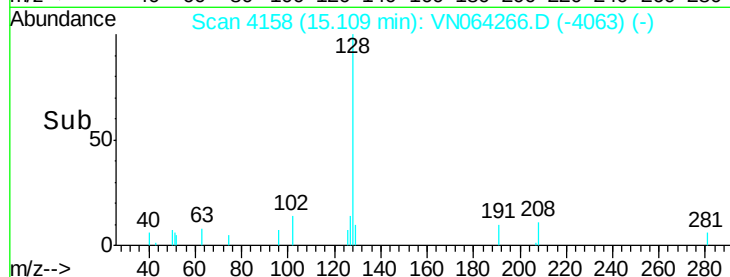
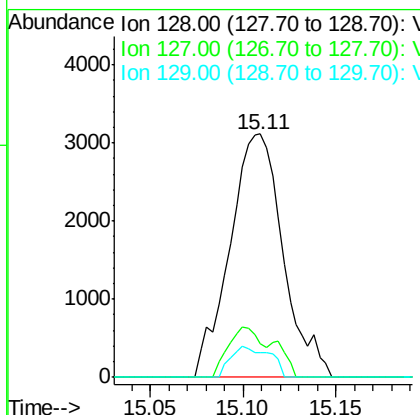
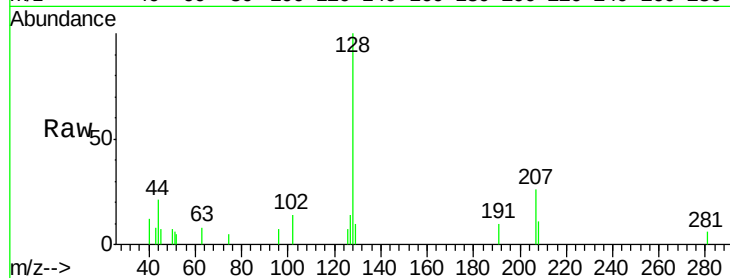
ClientSampleId :

LOQ-WATER-02-QT4-2020

Tot Ion:	128	Resp:	6207
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	9.3	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 0.786 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN064266.D

Acq: 22 Oct 2020 21:39

Tgt Ion:	180	Resp:	2260
Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.0	144.2#
145	17.0	17.1	51.3#

