

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091319\
 Data File : VN057975.D
 Acq On : 12 Sep 2019 17:52
 Operator : JC/SP
 Sample : K4859-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-DECON-WATER-091119

Manual Integrations
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 9/13/2019 1:05:53 PM

Quant Time: Sep 13 06:59:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.03	168	202540m	50.00	ug/l	0.38
34) 1,4-Difluorobenzene	8.83	114	392990	50.00	ug/l	0.26
63) Chlorobenzene-d5	11.47	117	309422	50.00	ug/l	0.06
72) 1,4-Dichlorobenzene-d4	13.36	152	161065	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	7.98	113	199667	55.05	ug/l	0.41
Spiked Amount	50.000		Recovery	=	110.10%	
50) Toluene-d8	10.21	98	728846	51.76	ug/l	0.13
Spiked Amount	50.000		Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.75	95	400	0.07	ug/l	0.35
Spiked Amount	50.000		Recovery	=	0.14%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.55	94	318	Below Cal	#	2
8) Diethyl Ether	3.43	74	335	0.211	ug/l	71
13) Acrolein	3.60	56	180	0.427	ug/l #	79
16) Acetone	3.80	43	357	0.265	ug/l #	47
20) Methylene Chloride	4.53	84	308	Below Cal	#	6
28) Bromochloromethane	7.18	49	990	0.366	ug/l #	22
29) Tetrahydrofuran	6.93	42	532	0.444	ug/l	92
31) Cyclohexane	7.65	56	29	Below Cal	#	18
36) 1,1-Dichloropropene	8.03	75	20504	4.499	ug/l #	44
37) Ethyl Acetate	7.14	43	1110	0.236	ug/l #	66
38) Carbon Tetrachloride	8.03	117	21600	5.191	ug/l #	17
39) Methylcyclohexane	9.58	83	7361	1.536	ug/l #	24
40) Benzene	8.37	78	3079	0.224	ug/l #	1
43) Isopropyl Acetate	8.33	43	10865	1.372	ug/l #	56
44) Trichloroethene	9.07	130	4155	1.235	ug/l	83
47) Bromodichloromethane	9.58	83	7361	1.528	ug/l	86
49) 1,4-Dioxane	9.31	88	33	0.486	ug/l #	23
51) 4-Methyl-2-Pentanone	10.11	43	29892	6.379	ug/l	96
52) Toluene	10.27	92	8478	0.981	ug/l	100
59) 2-Hexanone	10.84	43	7381	2.101	ug/l	96
60) Dibromochloromethane	10.98	129	881	0.259	ug/l	64
64) Tetrachloroethene	10.72	164	10443	4.571	ug/l	95
68) m/p-Xylenes	11.67	106	2769	0.533	ug/l	84
69) o-Xylene	11.99	106	6148	1.190	ug/l	93
74) N-amyl acetate	12.06	43	8619	1.585	ug/l #	52
76) 1,2,3-Trichloropropane	12.44	75	124828	34.260	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.44	75	124828	120.561	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.92	180	2255	0.604	ug/l	90
94) Hexachlorobutadiene	15.01	225	333	0.210	ug/l #	43
95) Naphthalene	15.14	128	19003	0.459	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	2836	1.851	ug/l	95

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

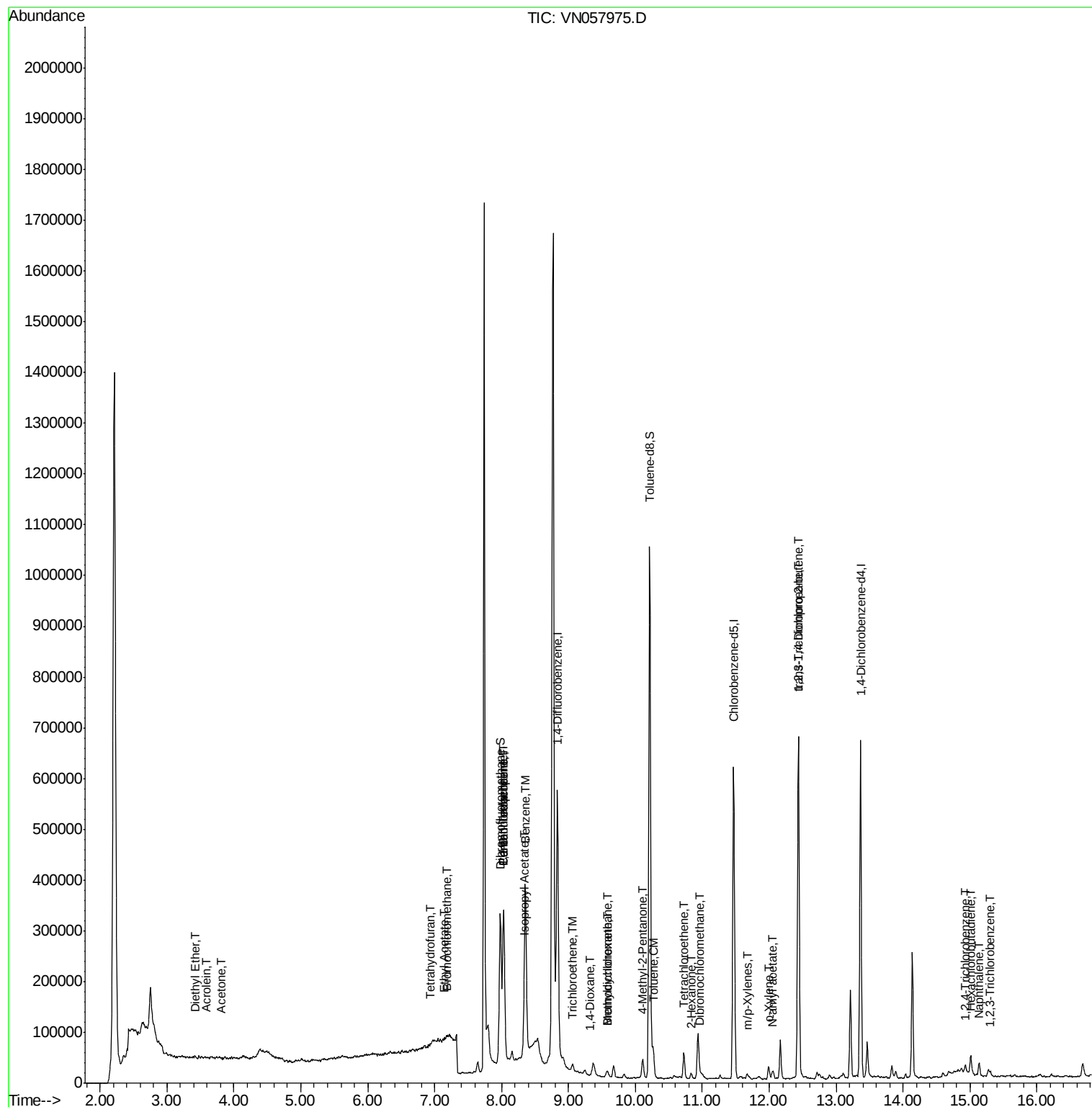
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091319\
Data File : VN057975.D
Acq On : 12 Sep 2019 17:52
Operator : JC/SP
Sample : K4859-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

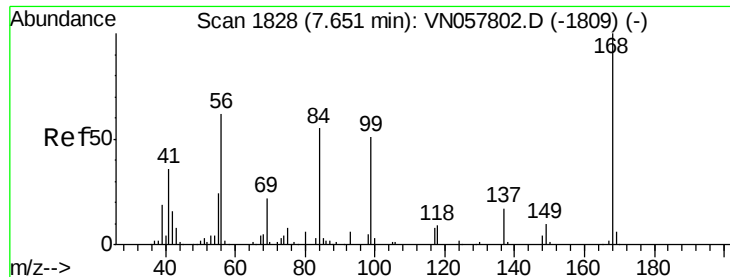
Instrument :
MSVOA_N
ClientSampleId :
IDW-DECON-WATER-091119

Manual Integrations
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Quant Time: Sep 13 06:59:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l m

RT: 8.03 min Scan# 1947

Delta R.T. 0.38 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

IDW-DECON-WATER-091119

Tot Ion:168 Resp: 202540

Ion Ratio Lower Upper

168 100

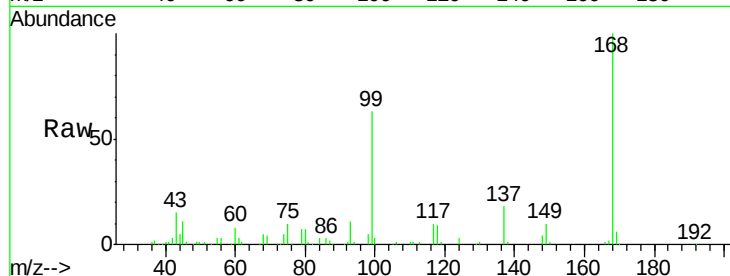
99 63.1 48.0 72.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

8.03

100000

80000

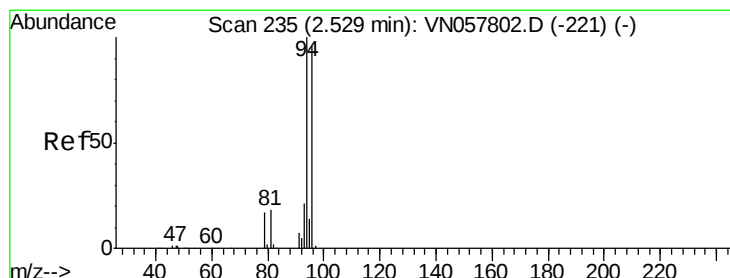
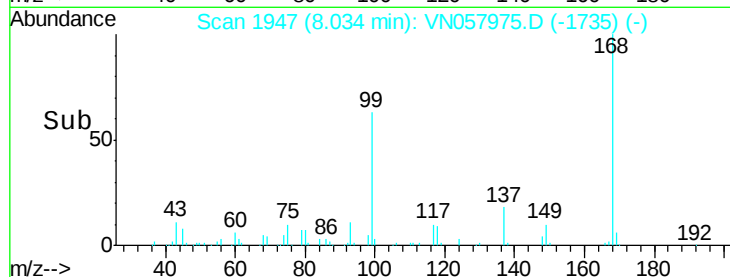
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 241

Delta R.T. 0.02 min

Lab File: VN057975.D

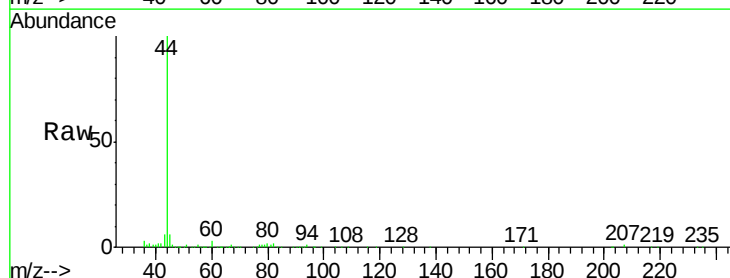
Acq: 12 Sep 2019 17:52

Tgt Ion: 94 Resp: 318

Ion Ratio Lower Upper

94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN

Ion 95.90 (95.60 to 96.60): VN

2.55

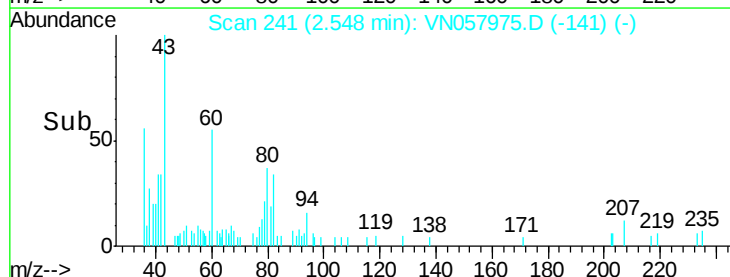
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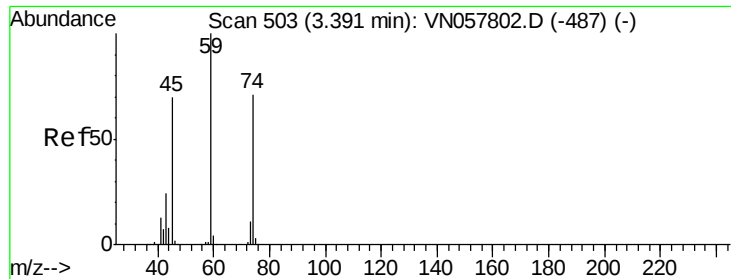
400

200

0

Time-->





#8

Diethyl Ether

Concen: 0.211 ug/l

RT: 3.43 min Scan# 514

Delta R.T. 0.04 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

IDW-DECON-WATER-091119

Tot Ion: 74 Resp: 335

Ion Ratio Lower Upper

74 100

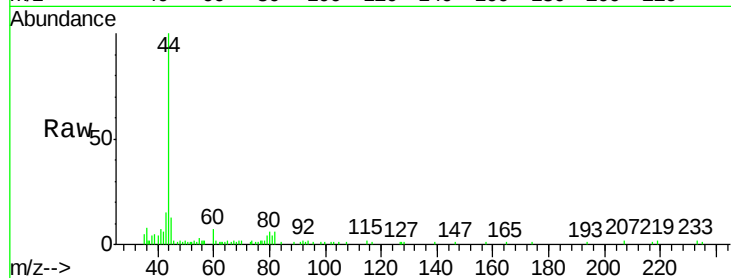
45 71.3 50.3 151.0

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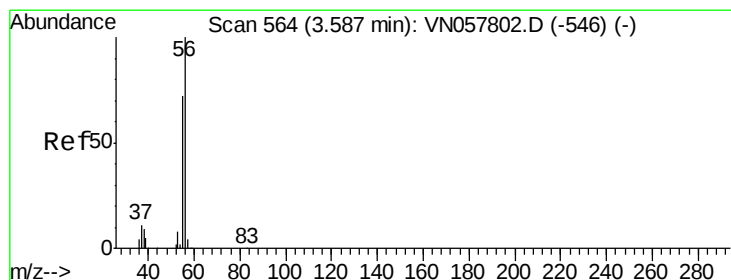
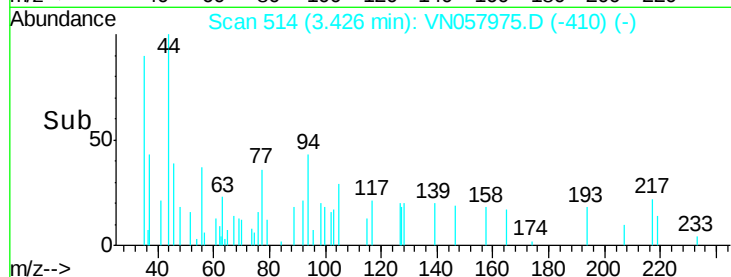
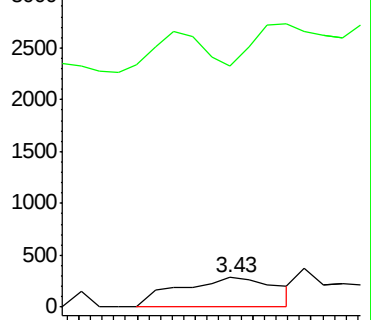
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Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#13

Acrolein

Concen: 0.427 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.01 min

Lab File: VN057975.D

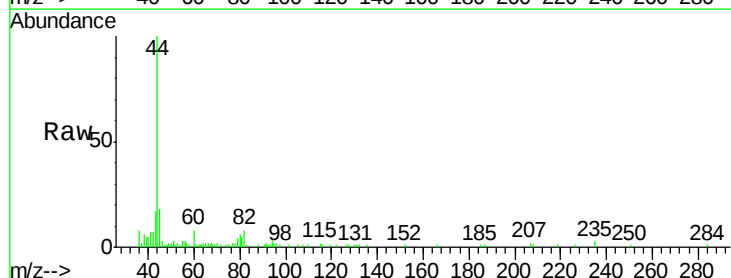
Acq: 12 Sep 2019 17:52

Tgt Ion: 56 Resp: 180

Ion Ratio Lower Upper

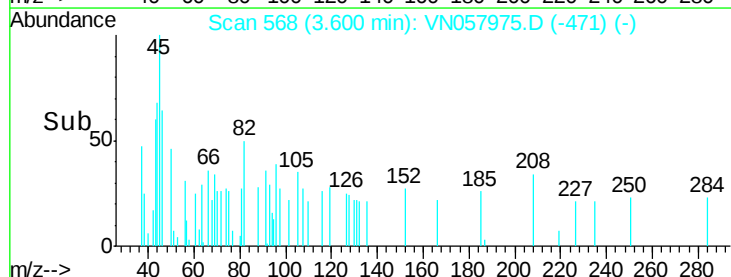
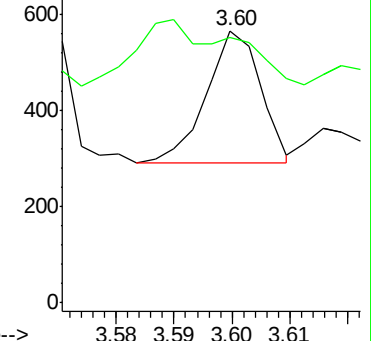
56 100

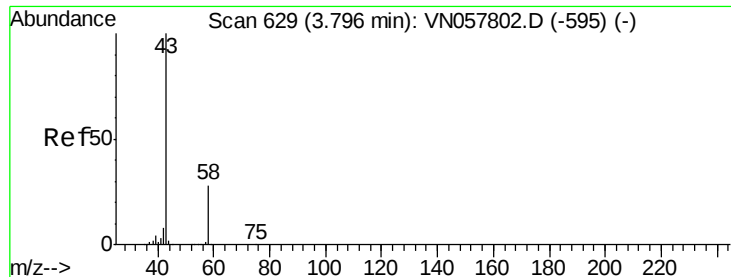
55 89.4 57.3 85.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 0.265 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

IDW-DECON-WATER-091119

Tot Ion: 43 Resp: 357

Ion Ratio Lower Upper

43 100

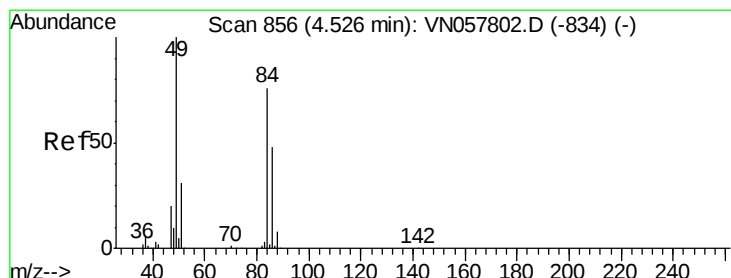
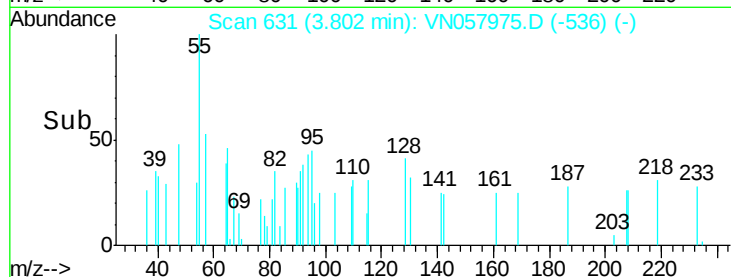
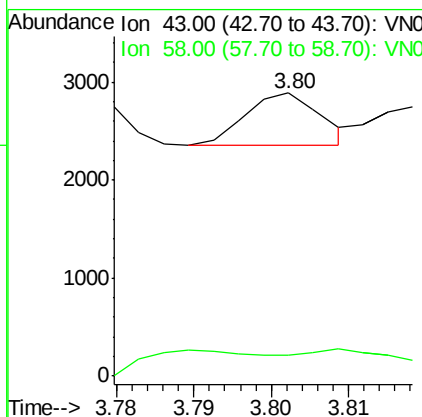
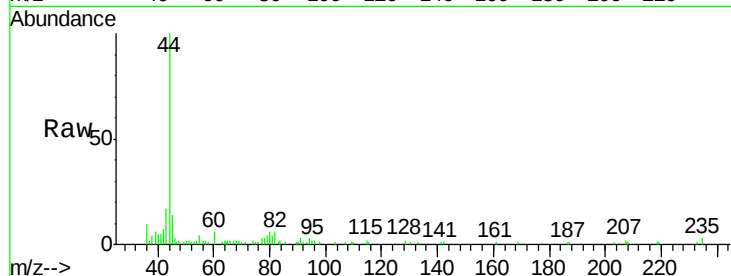
58 0.0 22.2 33.2#

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#20

Methylene Chloride

Concen: Below Cal

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

Tgt Ion: 84 Resp: 308

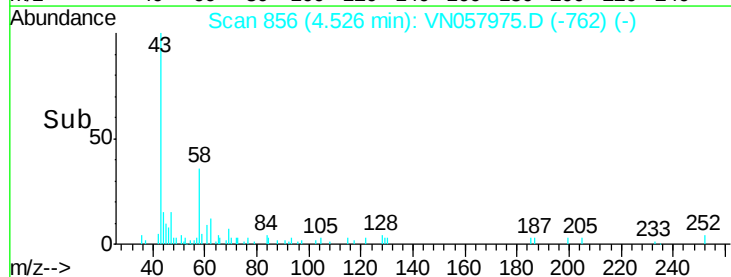
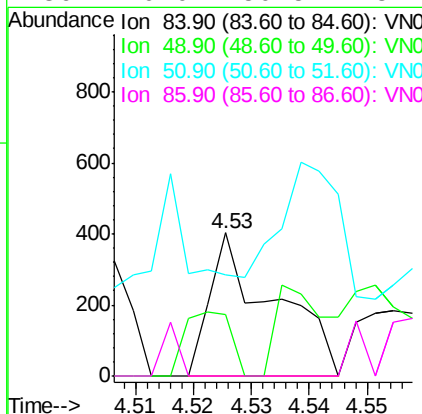
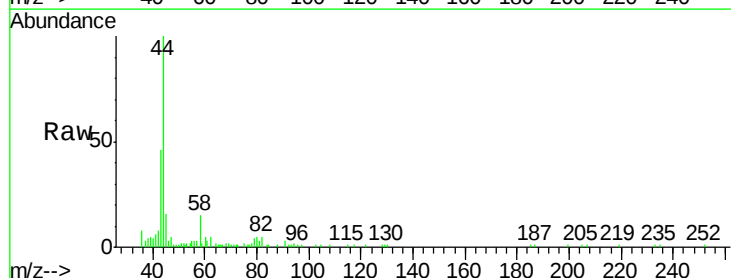
Ion Ratio Lower Upper

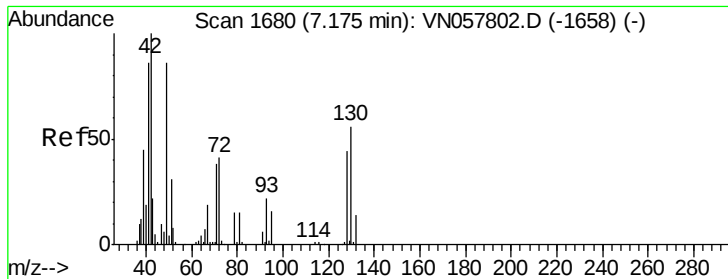
84 100

49 2.5 104.8 157.2#

51 0.0 33.0 49.4#

86 0.0 50.5 75.7#





#28

Bromochloromethane

Concen: 0.366 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

Instrument :

MSVOA_N

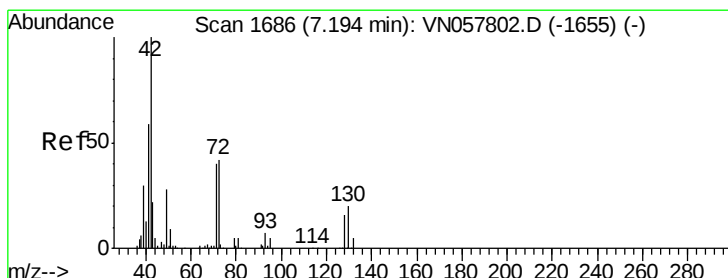
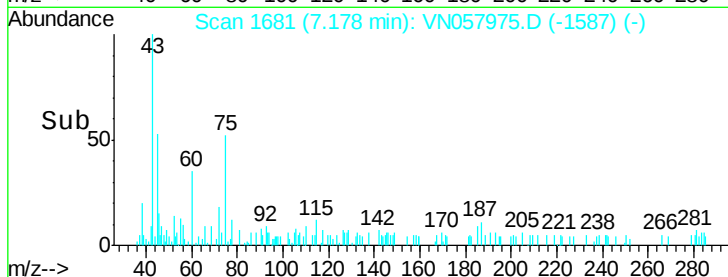
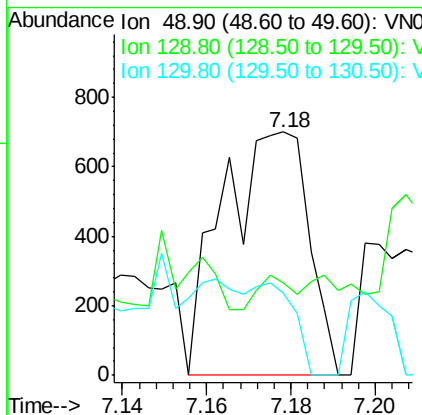
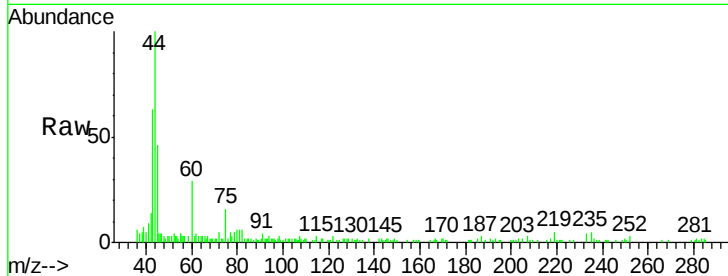
ClientSampleId :

IDW-DECON-WATER-091119

Tot Ion:	49	Resp:	990
Ion	Ratio	Lower	Upper
49	100		
129	5.4	0.0	3.8#
130	2.6	53.0	79.6#

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#29

Tetrahydrofuran

Concen: 0.444 ug/l

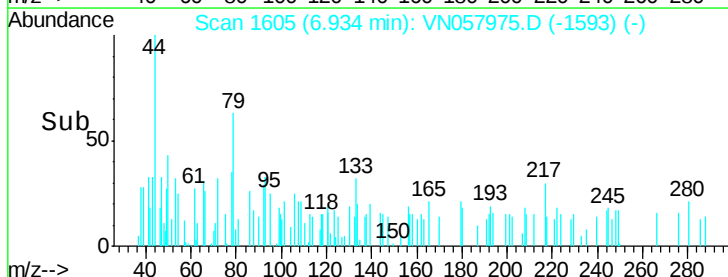
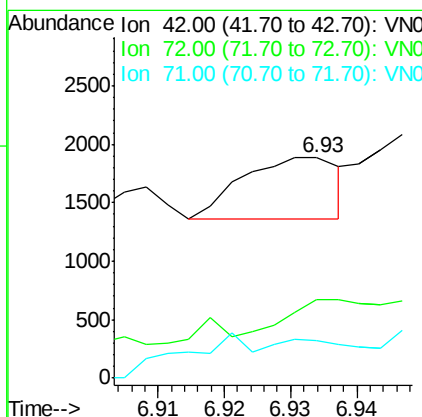
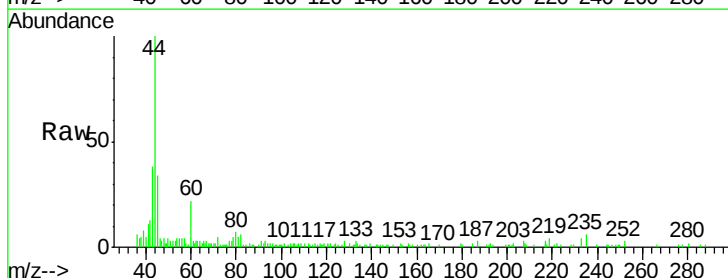
RT: 6.93 min Scan# 1605

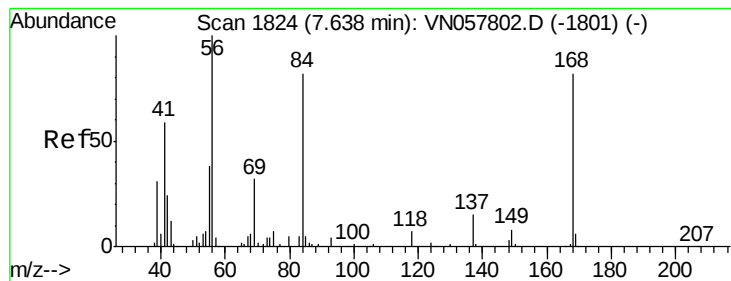
Delta R.T. -0.26 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

Tgt Ion:	42	Resp:	532
Ion	Ratio	Lower	Upper
42	100		
72	45.3	33.7	50.5
71	46.6	31.9	47.9





#31

Cyclohexane

Concen: Below Cal

RT: 7.65 min Scan# 1829

Delta R.T. 0.02 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

Instrument :

MSVOA_N

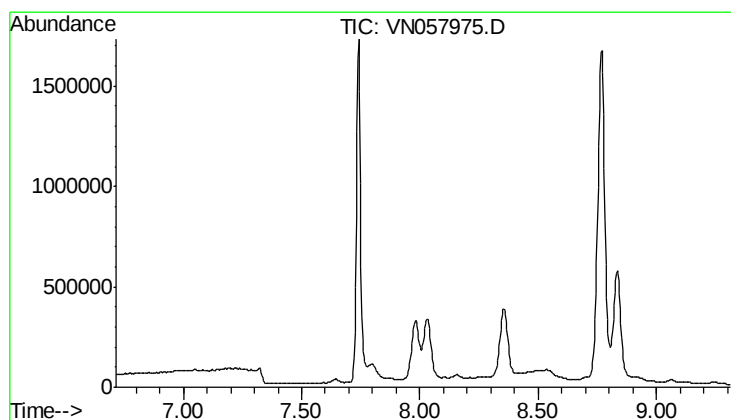
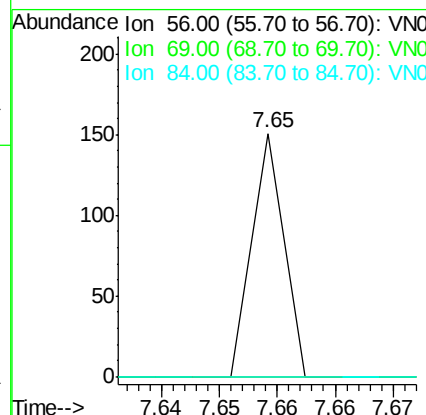
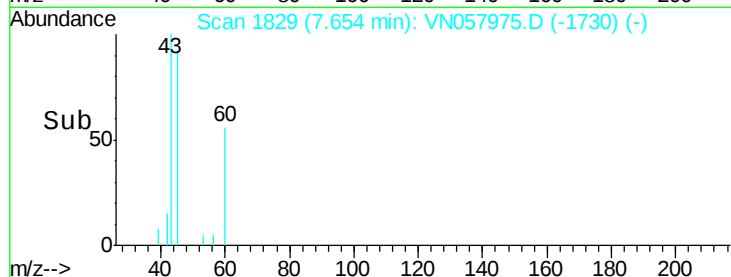
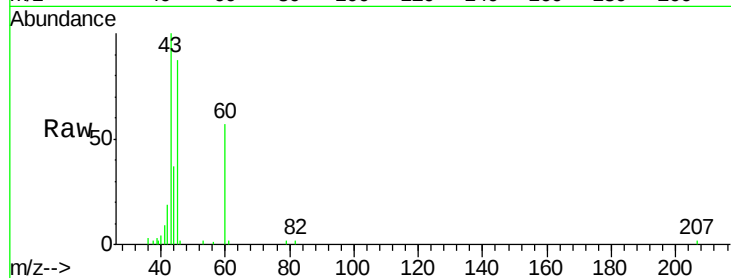
ClientSampleId :

IDW-DECON-WATER-091119

Tot Ion:	56	Resp:	29
Ion Ratio	Lower	Upper	
56	100		
69	0.0	25.9	38.9#
84	0.0	65.6	98.4#

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.01 min

Lab File: VN057975.D

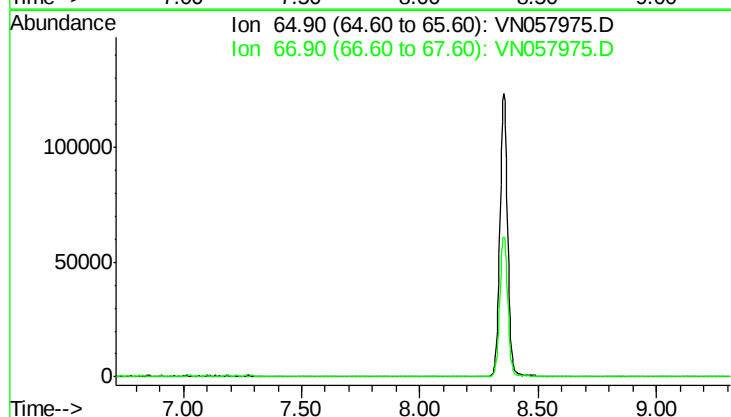
Acq: 12 Sep 2019 17:52

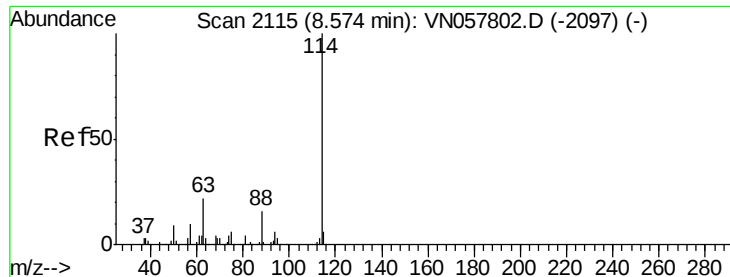
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.0





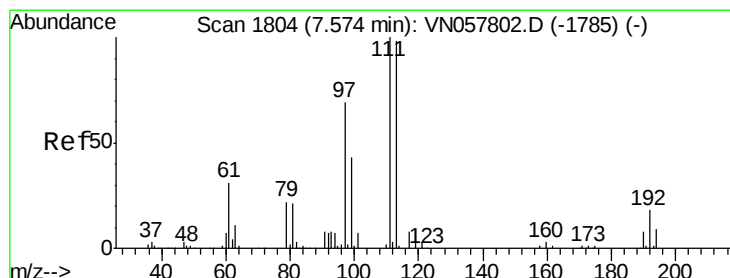
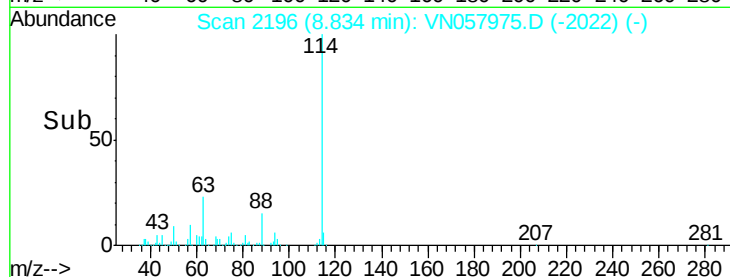
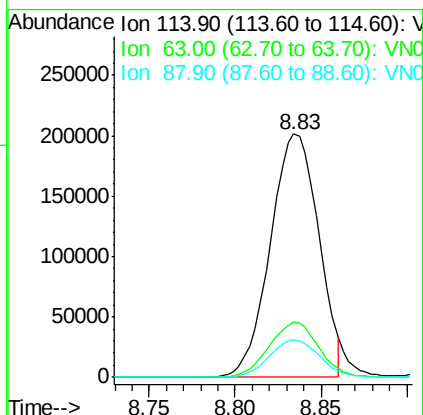
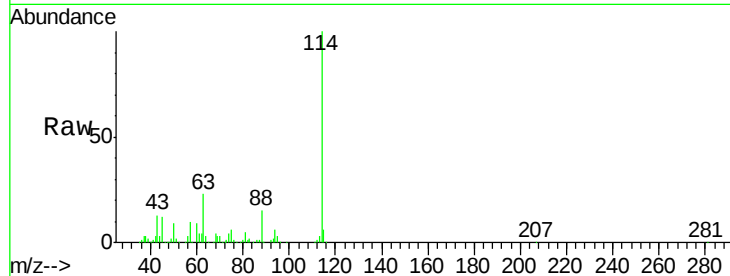
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.26 min
 Lab File: VN057975.D
 Acq: 12 Sep 2019 17:52

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-DECON-WATER-091119

Tot Ion	Ratio	Resp	Lower	Upper
114	100	392990		
63	22.5	0.0	44.0	
88	15.2	0.0	31.4	

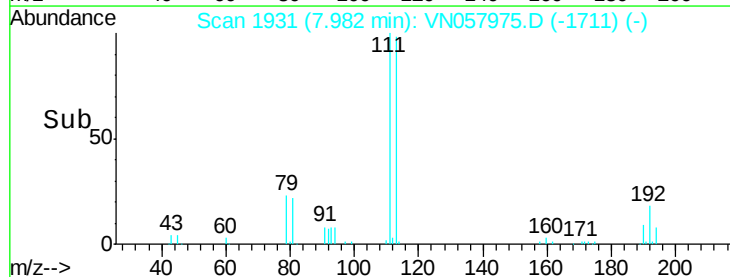
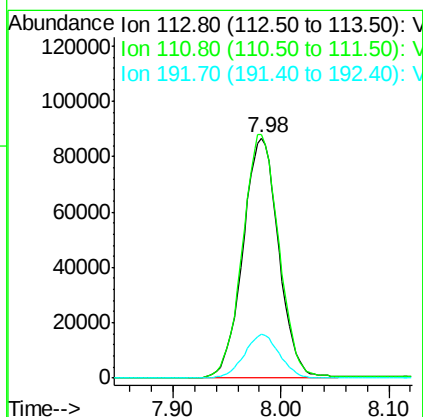
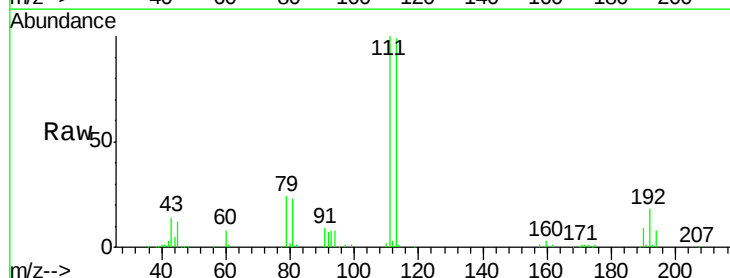
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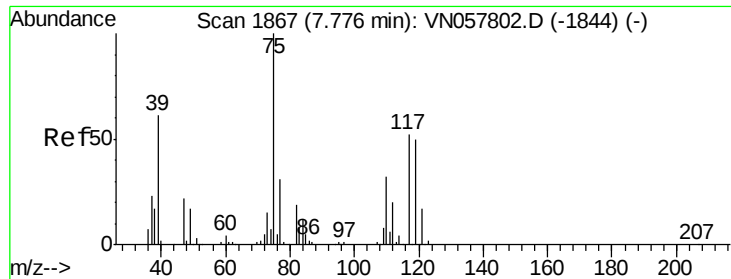
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 9/13/2019 1:05:53 PM



#35
 Dibromofluoromethane
 Concen: 55.048 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. 0.41 min
 Lab File: VN057975.D
 Acq: 12 Sep 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	199667		
111	102.8	81.3	121.9	
192	18.0	14.6	22.0	





#36

1,1-Dichloropropene

Concen: 4.499 ug/l

RT: 8.03 min Scan# 1947

Delta R.T. 0.26 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

Instrument :

MSVOA_N

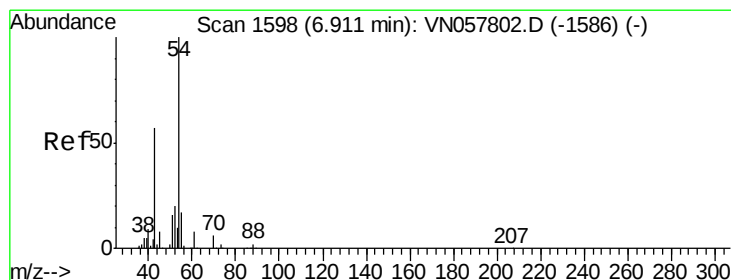
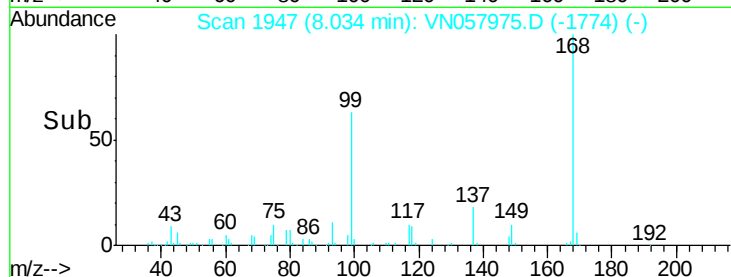
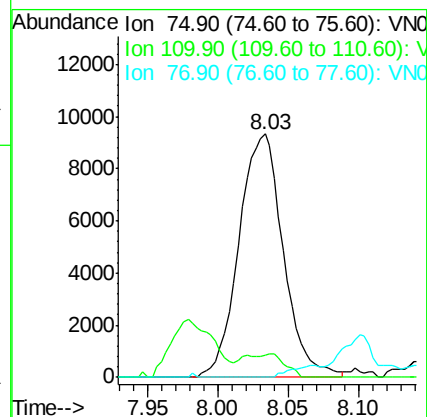
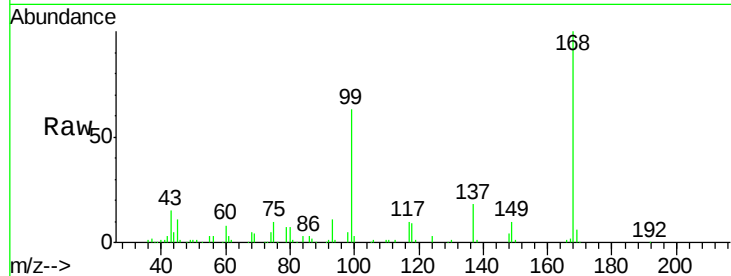
ClientSampleId :

IDW-DECON-WATER-091119

Tot Ion:	75	Resp:	20504
Ion Ratio	Lower	Upper	
75	100		
110	1.1	16.3	48.9#
77	0.0	25.0	37.4#

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#37

Ethyl Acetate

Concen: 0.236 ug/l

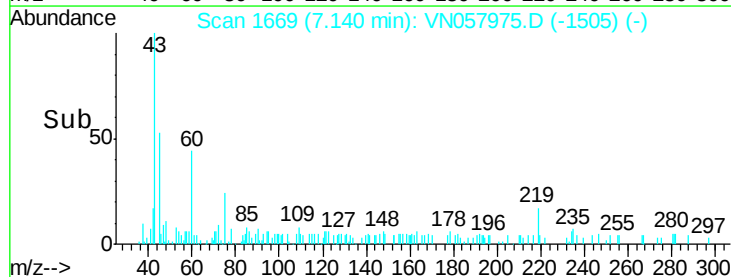
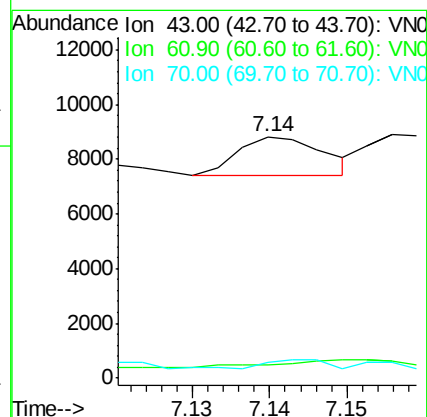
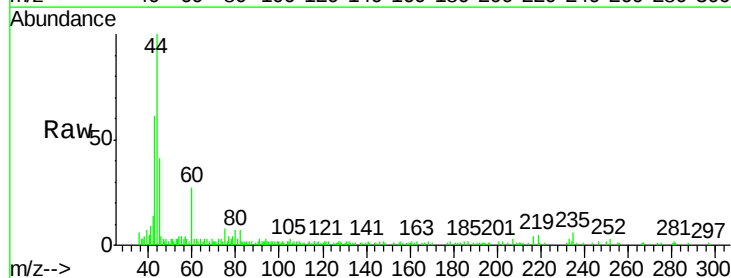
RT: 7.14 min Scan# 1669

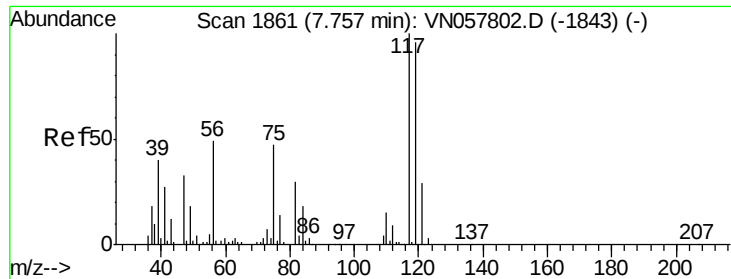
Delta R.T. 0.23 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

Tgt Ion:	43	Resp:	1110
Ion Ratio	Lower	Upper	
43	100		
61	28.8	10.5	15.7#
70	18.8	7.4	11.0#





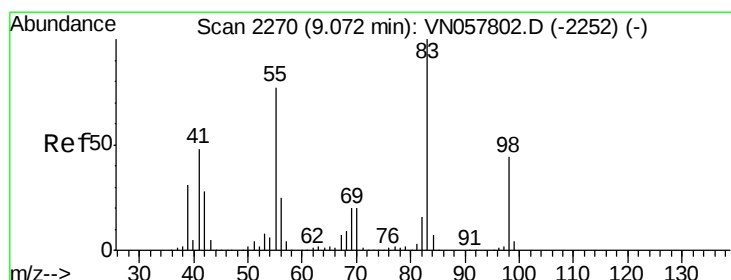
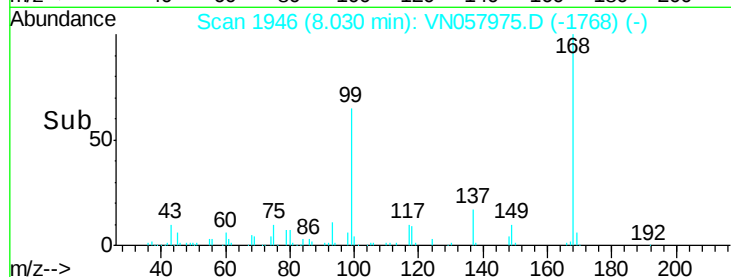
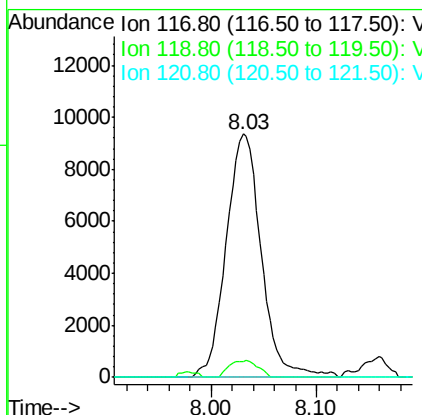
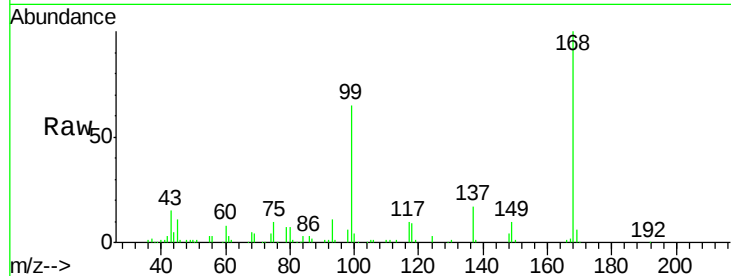
#38
Carbon Tetrachloride
Concen: 5.191 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.27 min
Lab File: VN057975.D
Acq: 12 Sep 2019 17:52

Instrument :
MSVOA_N
ClientSampleId :
IDW-DECON-WATER-091119

Tot Ion	Ratio	Lower	Upper
117	100		
119	6.6	76.9	115.3#
121	0.0	23.4	35.2#

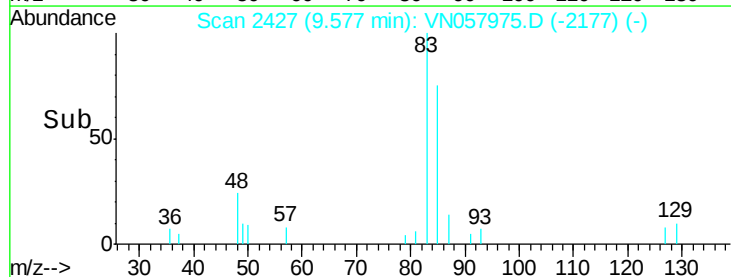
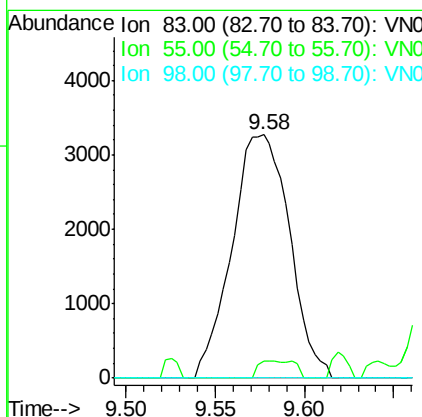
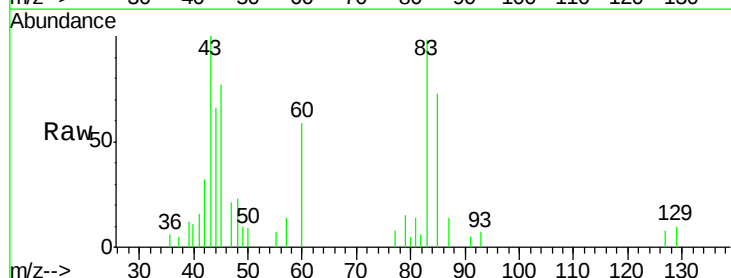
Manual Integrations
APPROVED

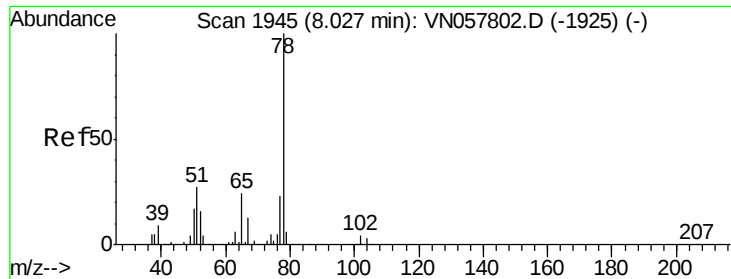
MMDadoda
9/13/2019 1:05:53 PM



#39
Methylcyclohexane
Concen: 1.536 ug/l
RT: 9.58 min Scan# 2427
Delta R.T. 0.50 min
Lab File: VN057975.D
Acq: 12 Sep 2019 17:52

Tgt Ion	Ratio	Lower	Upper
83	100		
55	6.8	61.6	92.4#
98	0.0	34.9	52.3#





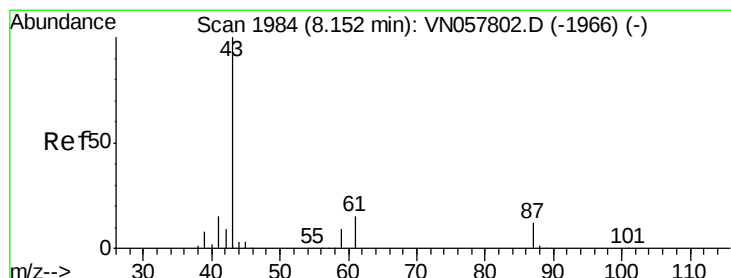
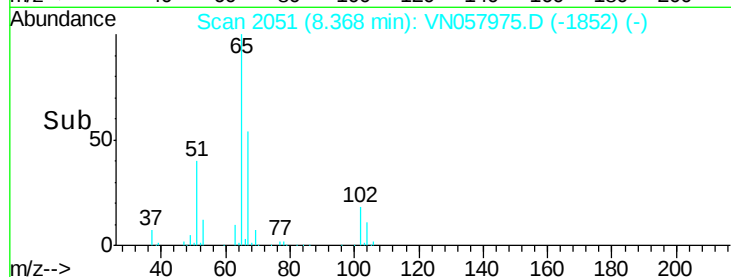
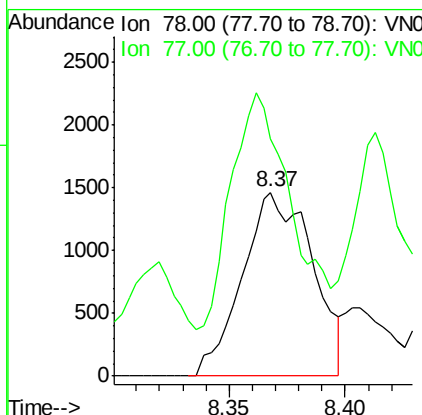
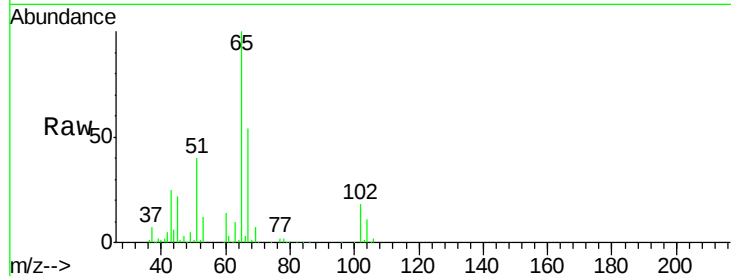
#40
Benzene
Concen: 0.224 ug/l
RT: 8.37 min Scan# 2051
Delta R.T. 0.34 min
Lab File: VN057975.D
Acq: 12 Sep 2019 17:52

Instrument :
MSVOA_N
ClientSampleId :
IDW-DECON-WATER-091119

Tot Ion: 78 Resp: 3079
Ion Ratio Lower Upper
78 100
77 98.8 18.3 27.5#

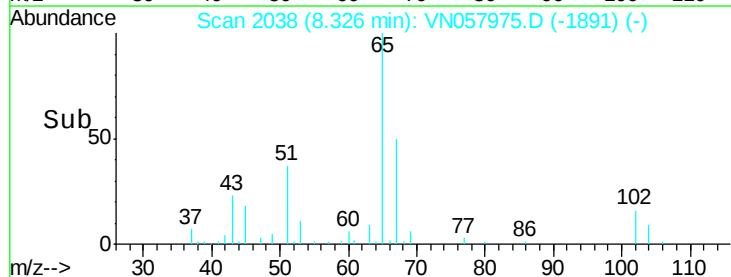
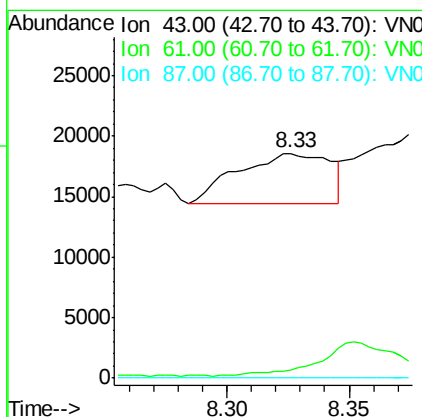
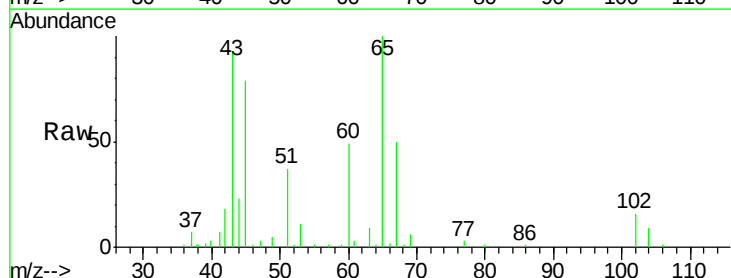
Manual Integrations
APPROVED

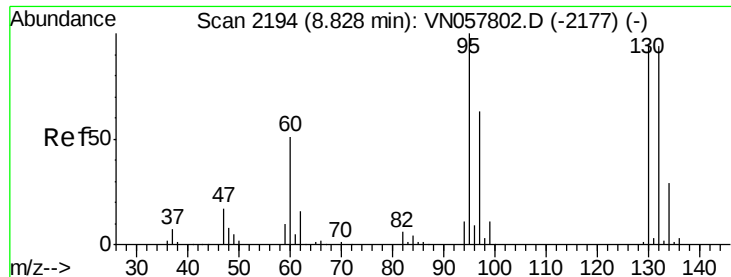
MMDadoda
9/13/2019 1:05:53 PM



#43
Isopropyl Acetate
Concen: 1.372 ug/l
RT: 8.33 min Scan# 2038
Delta R.T. 0.17 min
Lab File: VN057975.D
Acq: 12 Sep 2019 17:52

Tgt Ion: 43 Resp: 10865
Ion Ratio Lower Upper
43 100
61 0.0 20.1 30.1#
87 0.0 9.5 14.3#





#44

Trichloroethene

Concen: 1.235 ug/l

RT: 9.07 min Scan# 2268

Delta R.T. 0.24 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

IDW-DECON-WATER-091119

Tot Ion:130 Resp: 4155

Ion Ratio Lower Upper

130 100

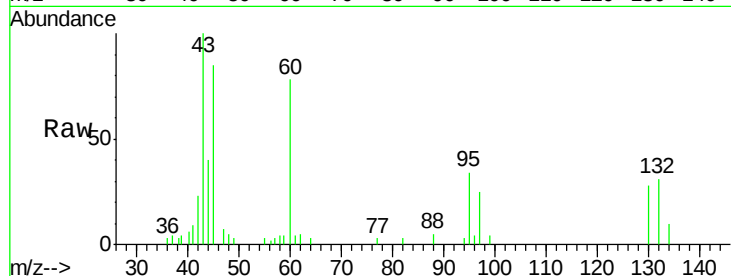
95 123.5 0.0 211.4

Manual Integrations

APPROVED

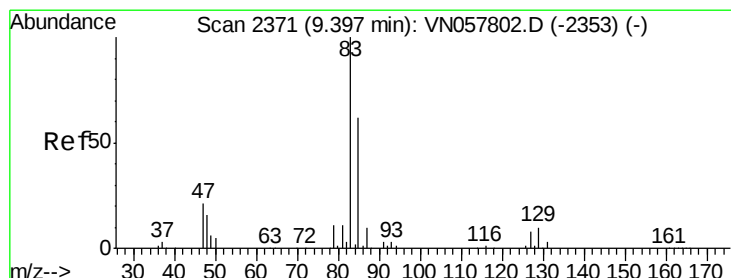
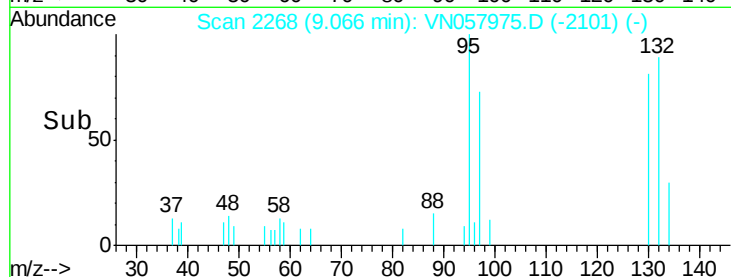
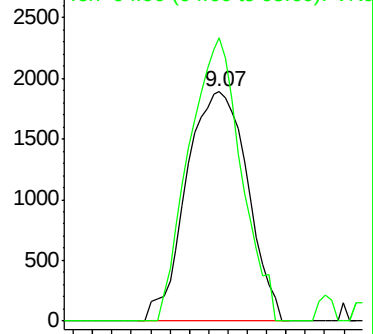
MMDadoda

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VNO



#47

Bromodichloromethane

Concen: 1.528 ug/l

RT: 9.58 min Scan# 2427

Delta R.T. 0.18 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

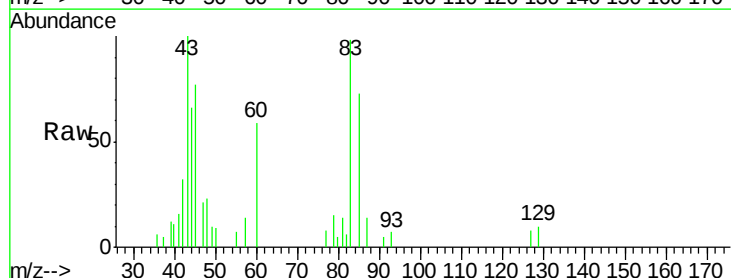
Tgt Ion: 83 Resp: 7361

Ion Ratio Lower Upper

83 100

85 74.8 49.9 74.9

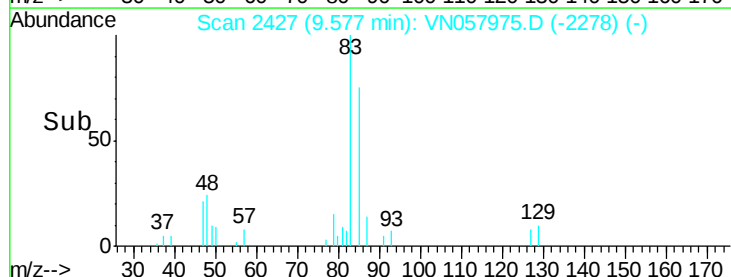
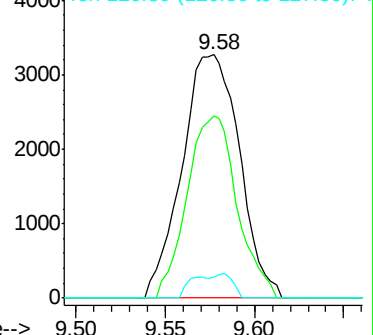
127 8.5 6.5 9.7

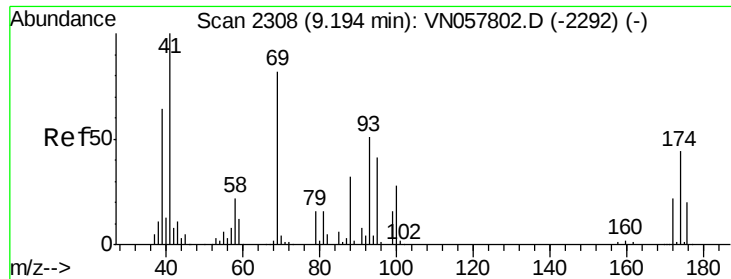


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 126.80 (126.50 to 127.50): V





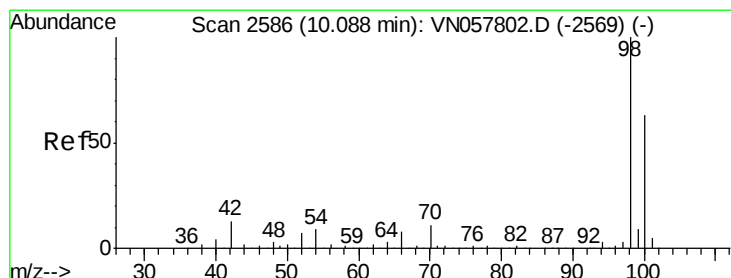
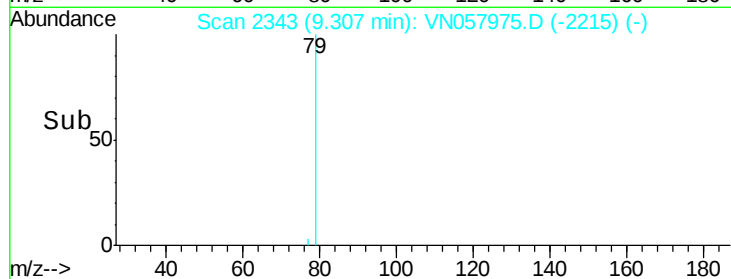
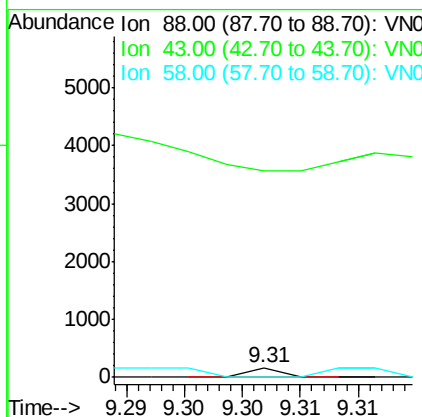
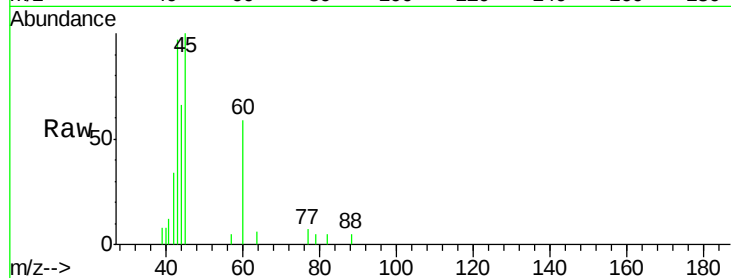
#49
1,4-Dioxane
Concen: 0.486 ug/l
RT: 9.31 min Scan# 2343
Delta R.T. 0.11 min
Lab File: VN057975.D
Acq: 12 Sep 2019 17:52

Instrument :
MSVOA_N
ClientSampleId :
IDW-DECON-WATER-091119

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.5	42.7#
58	0.0	55.8	83.6#

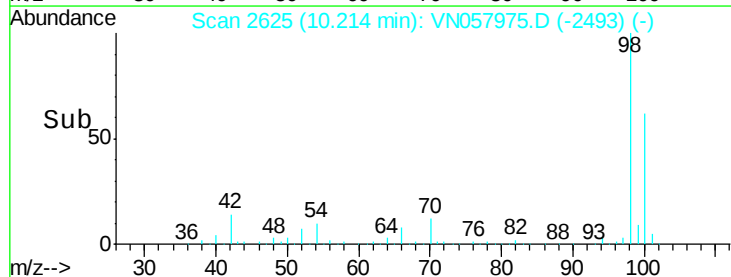
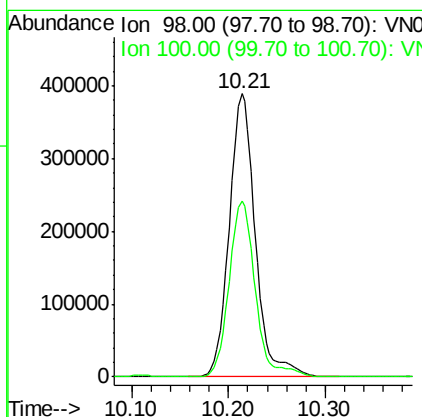
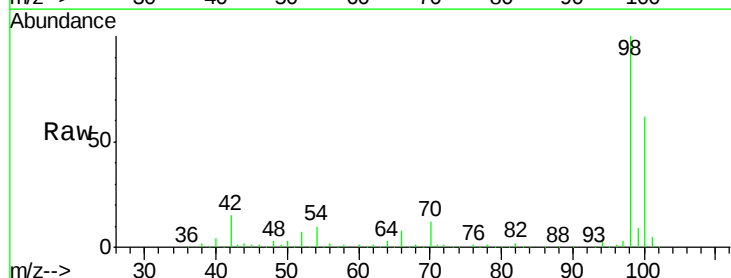
Manual Integrations
APPROVED

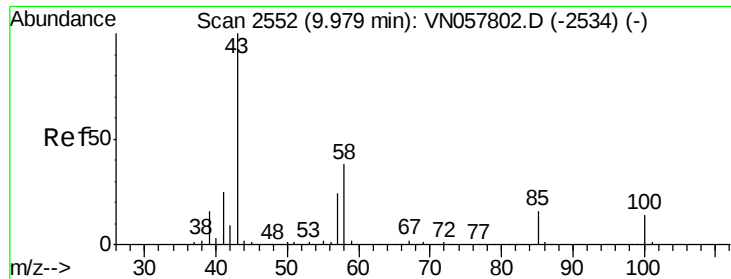
MMDadoda
9/13/2019 1:05:53 PM



#50
Toluene-d8
Concen: 51.755 ug/l
RT: 10.21 min Scan# 2625
Delta R.T. 0.13 min
Lab File: VN057975.D
Acq: 12 Sep 2019 17:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.4	50.3	75.5





#51

4-Methyl-2-Pentanone

Concen: 6.379 ug/l

RT: 10.11 min Scan# 2592

Delta R.T. 0.13 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

IDW-DECON-WATER-091119

Tot Ion: 43 Resp: 29892

Ion Ratio Lower Upper

43 100

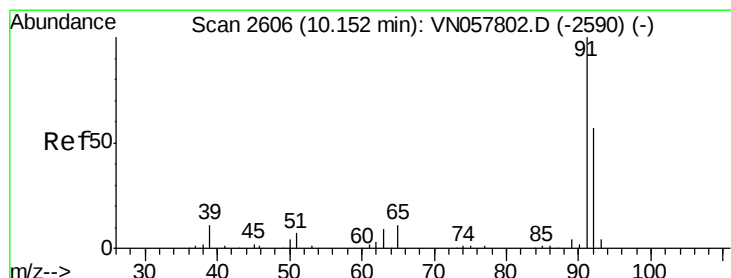
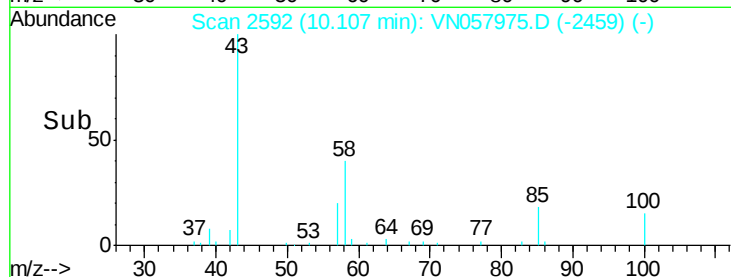
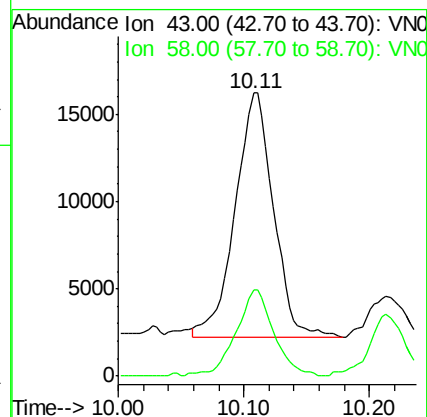
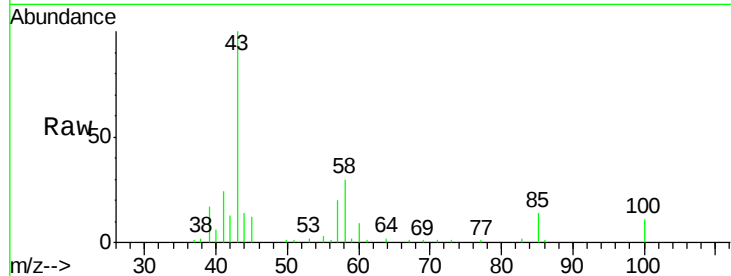
58 34.6 29.8 44.6

Manual Integrations

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MMDadoda

9/13/2019 1:05:53 PM



#52

Toluene

Concen: 0.981 ug/l

RT: 10.27 min Scan# 2644

Delta R.T. 0.12 min

Lab File: VN057975.D

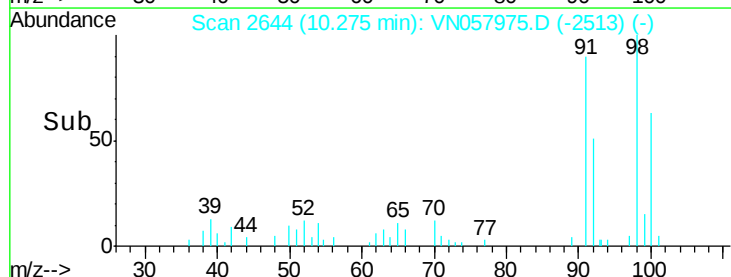
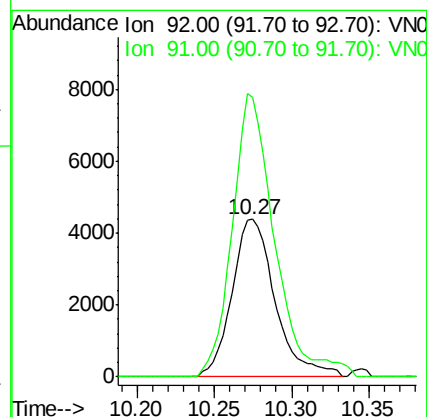
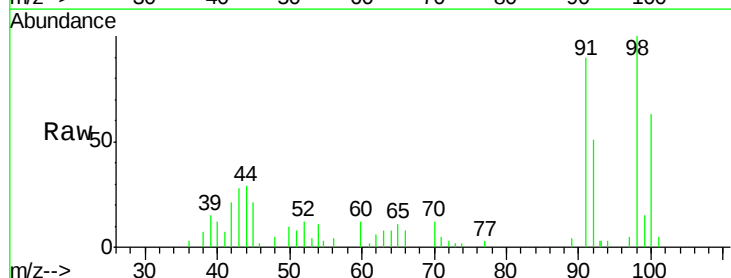
Acq: 12 Sep 2019 17:52

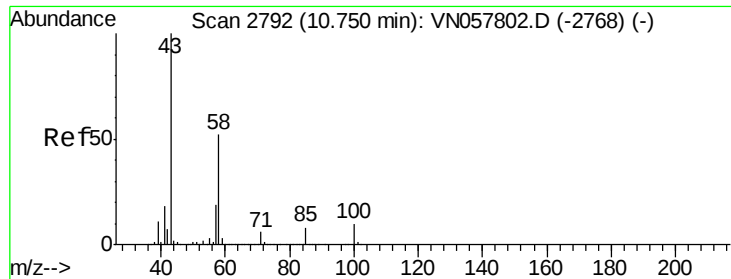
Tgt Ion: 92 Resp: 8478

Ion Ratio Lower Upper

92 100

91 176.1 141.0 211.6





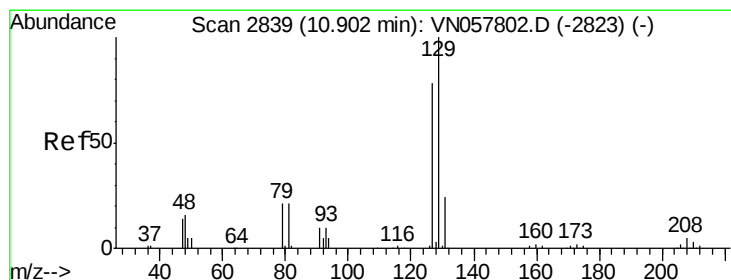
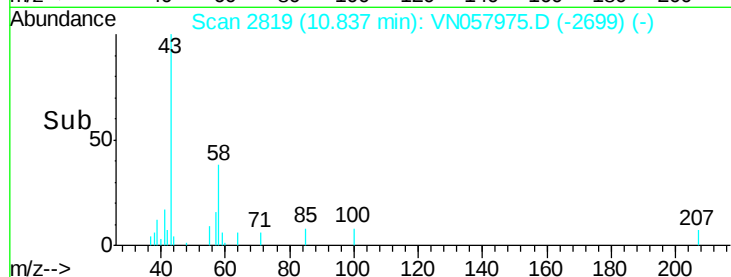
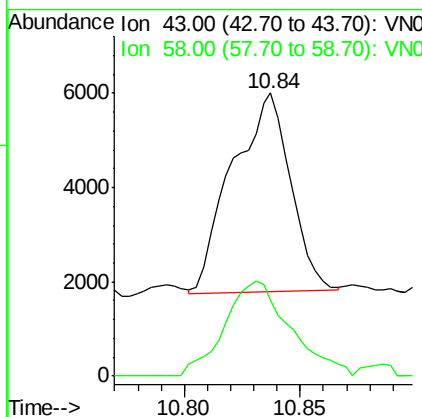
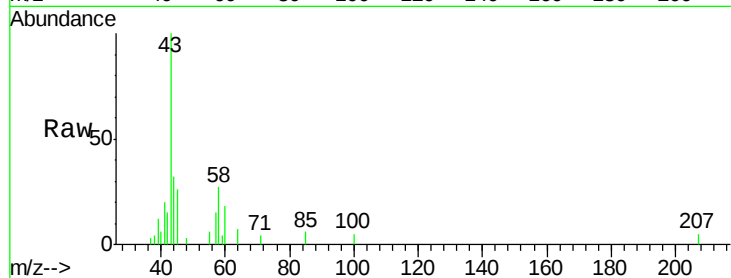
#59
2-Hexanone
Concen: 2.101 ug/l
RT: 10.84 min Scan# 2819
Delta R.T. 0.09 min
Lab File: VN057975.D
Acq: 12 Sep 2019 17:52

Instrument :
MSVOA_N
ClientSampleId :
IDW-DECON-WATER-091119

Tot Ion: 43 Resp: 7381
Ion Ratio Lower Upper
43 100
58 53.7 25.6 76.8

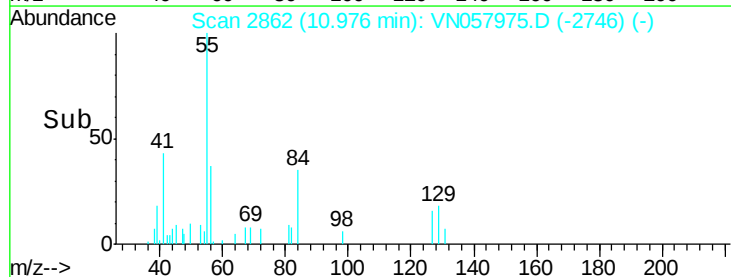
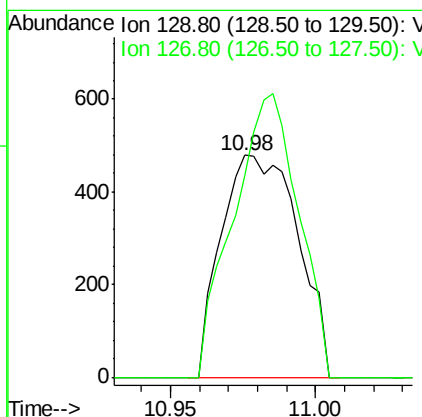
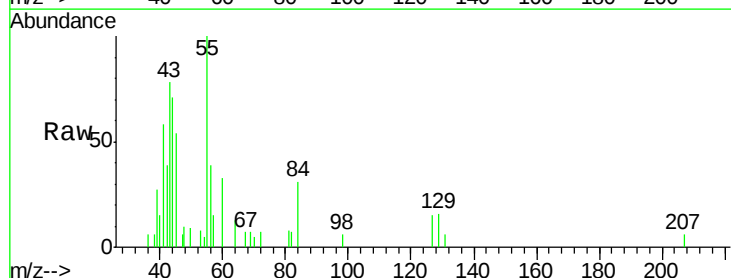
Manual Integrations
APPROVED

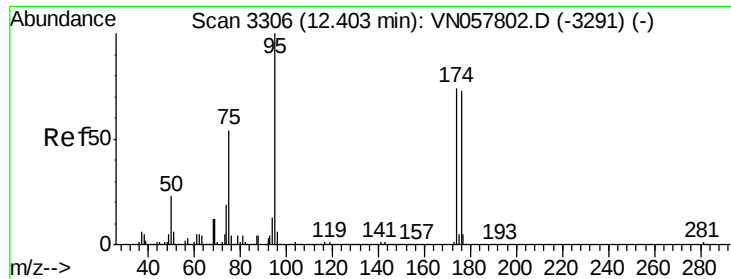
MMDadoda
9/13/2019 1:05:53 PM



#60
Dibromochloromethane
Concen: 0.259 ug/l
RT: 10.98 min Scan# 2862
Delta R.T. 0.07 min
Lab File: VN057975.D
Acq: 12 Sep 2019 17:52

Tgt Ion: 129 Resp: 881
Ion Ratio Lower Upper
129 100
127 108.6 38.6 116.0





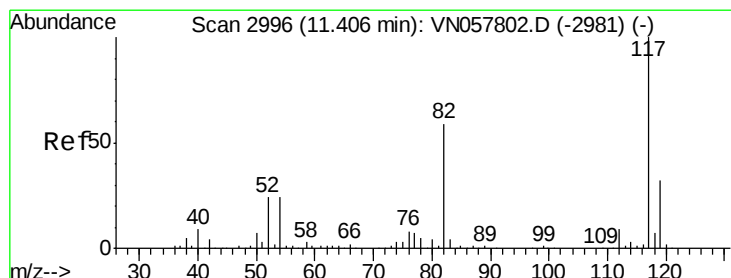
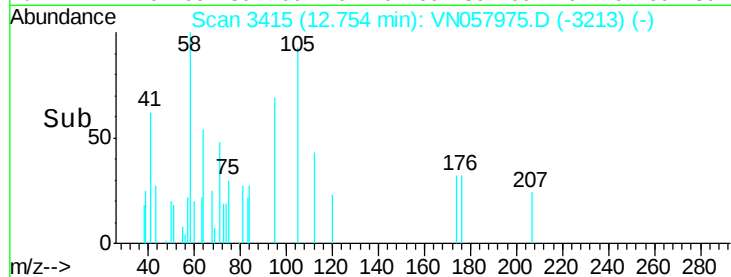
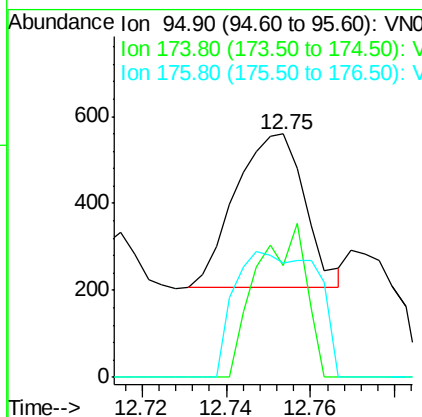
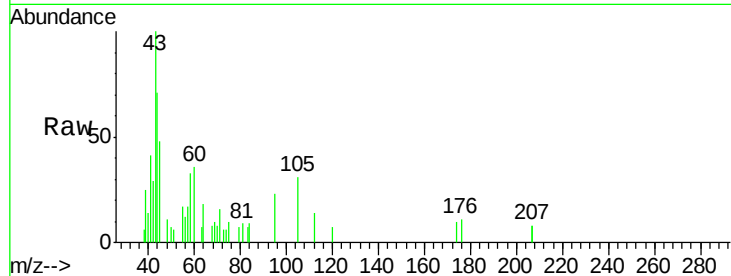
#62
4-Bromofluorobenzene
Concen: 0.075 ug/l
RT: 12.75 min Scan# 3415
Delta R.T. 0.35 min
Lab File: VN057975.D
Acq: 12 Sep 2019 17:52

Instrument :
MSVOA_N
ClientSampleId :
IDW-DECON-WATER-091119

Tot Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	150.2
176	97.8	0.0	146.0

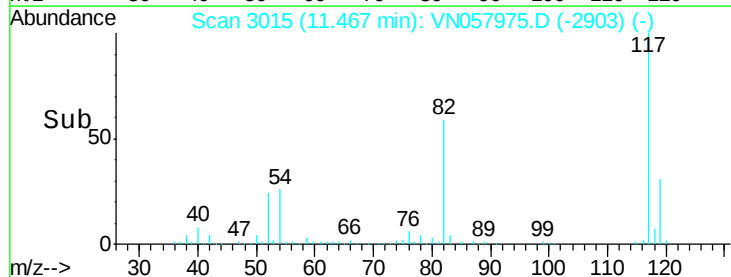
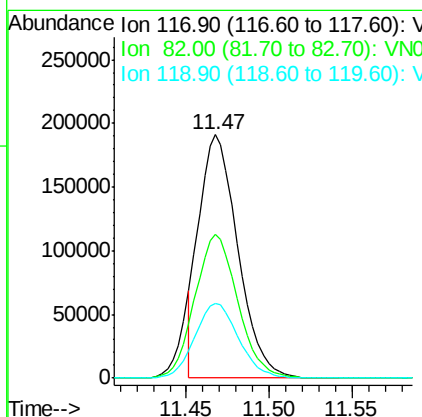
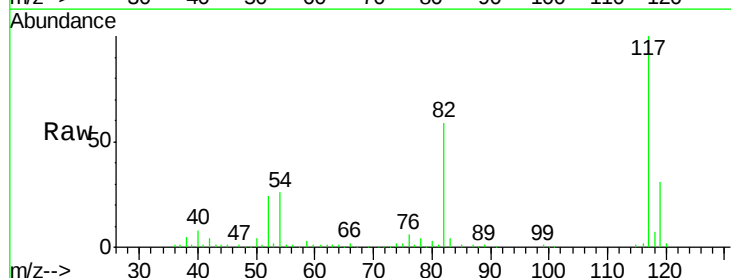
Manual Integrations
APPROVED

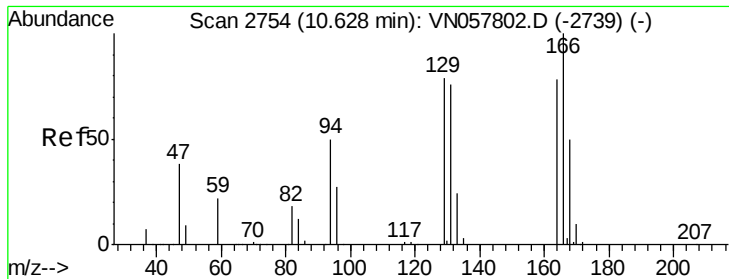
MMDadoda
9/13/2019 1:05:53 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3015
Delta R.T. 0.06 min
Lab File: VN057975.D
Acq: 12 Sep 2019 17:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.9	47.2	70.8
119	30.8	25.3	37.9





#64

Tetrachloroethene

Concen: 4.571 ug/l

RT: 10.72 min Scan# 2784

Delta R.T. 0.10 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

IDW-DECON-WATER-091119

Tot Ion:164 Resp: 10443

Ion Ratio Lower Upper

164 100

166 123.0 102.2 153.2

129 103.4 80.8 121.2

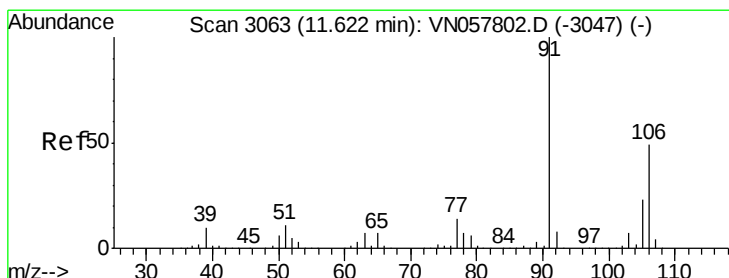
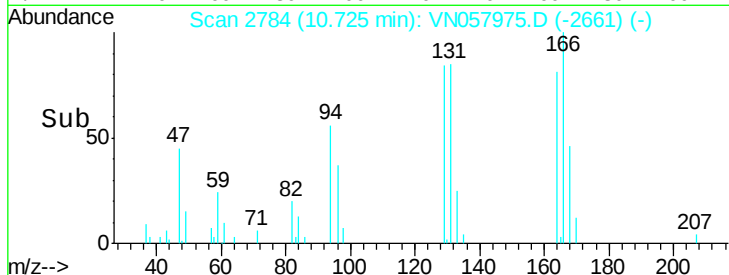
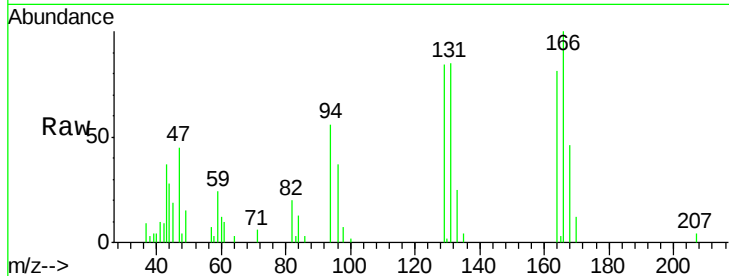
131 105.0 77.4 116.2

Manual Integrations

APPROVED

MMDadoda

9/13/2019 1:05:53 PM



#68

m/p-Xylenes

Concen: 0.533 ug/l

RT: 11.67 min Scan# 3077

Delta R.T. 0.05 min

Lab File: VN057975.D

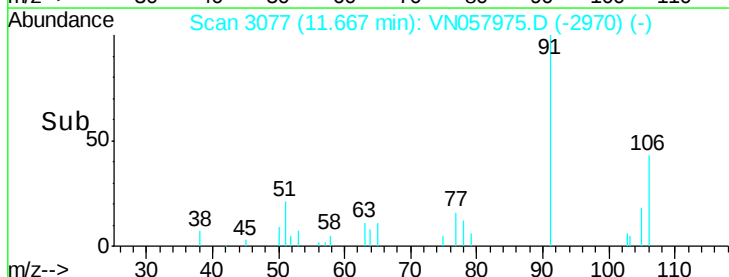
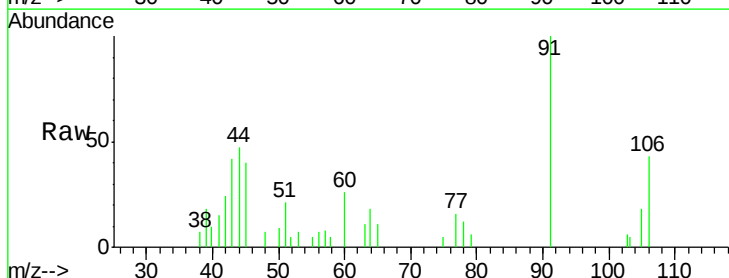
Acq: 12 Sep 2019 17:52

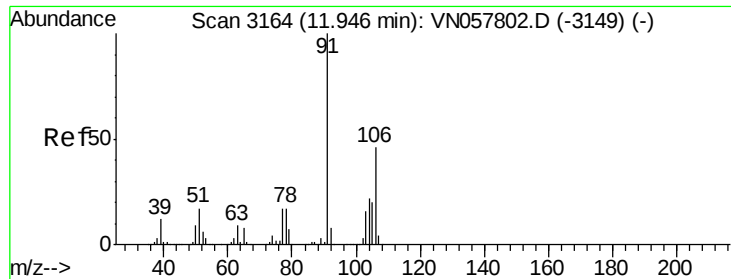
Tgt Ion:106 Resp: 2769

Ion Ratio Lower Upper

106 100

91 231.3 165.8 248.6





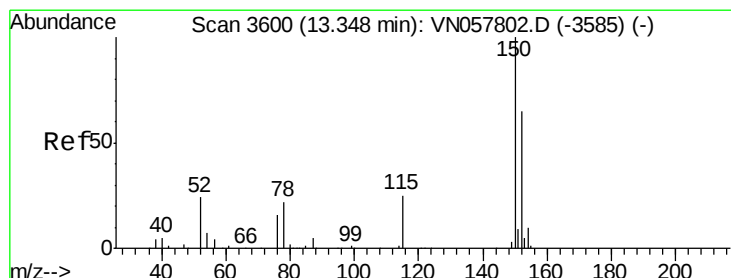
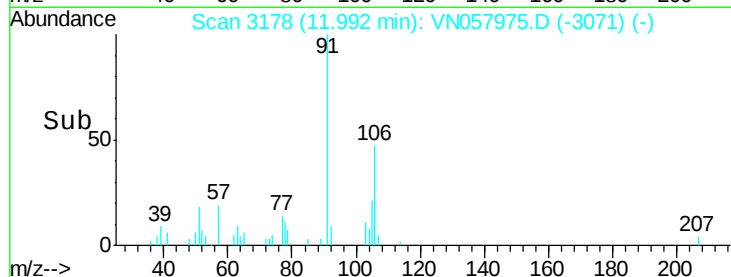
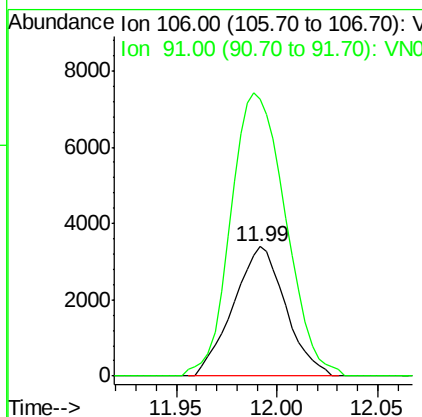
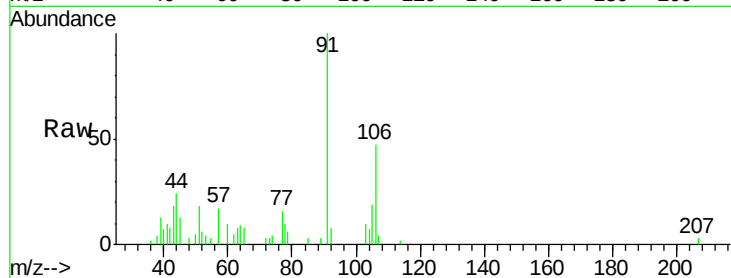
#69
o-Xylene
Concen: 1.190 ug/l
RT: 11.99 min Scan# 3178
Delta R.T. 0.05 min
Lab File: VN057975.D
Acq: 12 Sep 2019 17:52

Instrument :
MSVOA_N
ClientSampleId :
IDW-DECON-WATER-091119

Tot Ion:106 Resp: 6148
Ion Ratio Lower Upper
106 100
91 229.1 108.7 326.1

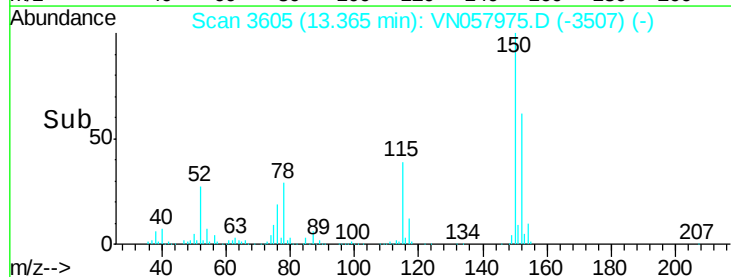
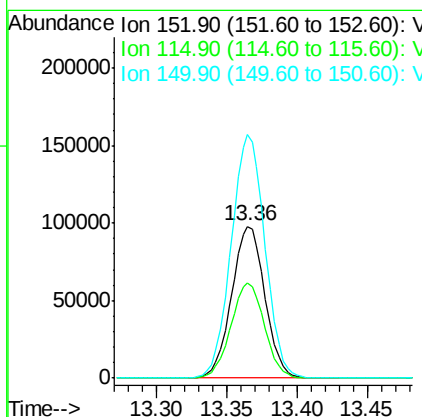
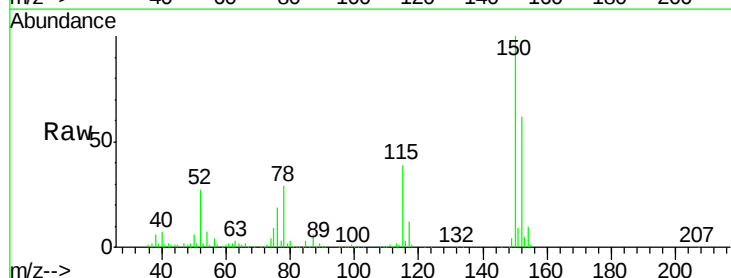
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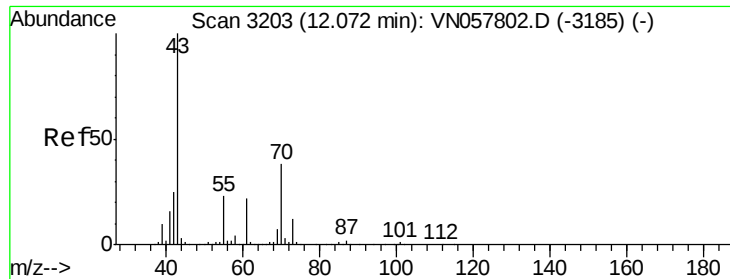
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 3605
Delta R.T. 0.02 min
Lab File: VN057975.D
Acq: 12 Sep 2019 17:52

Tgt Ion:152 Resp: 161065
Ion Ratio Lower Upper
152 100
115 63.1 30.3 91.0
150 162.9 0.0 352.4





#74

N-amvl acetate

Concen: 1.585 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.01 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

Instrument :

MSVOA_N

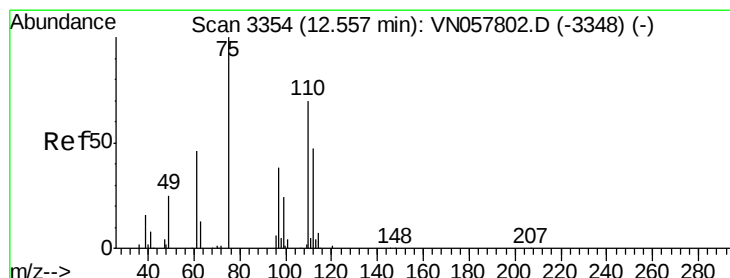
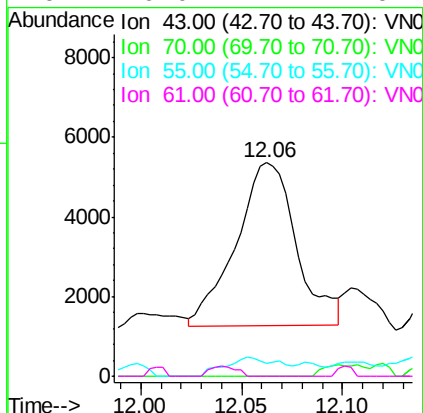
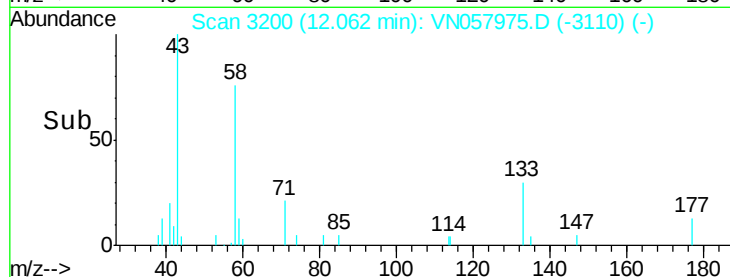
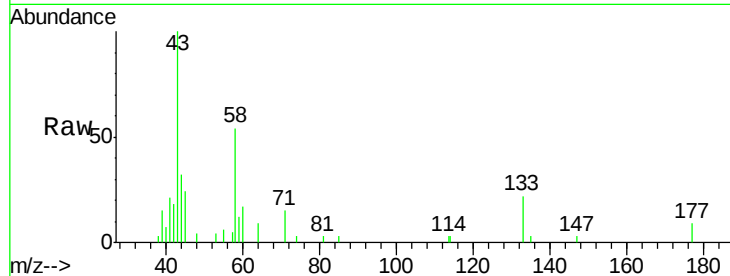
ClientSampleId :

IDW-DECON-WATER-091119

Tot Ion:	43	Resp:	8619
Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.6	45.8#
55	10.3	18.6	27.8#
61	0.0	17.4	26.2#

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#76

1,2,3-Trichloropropane

Concen: 34.260 ug/l

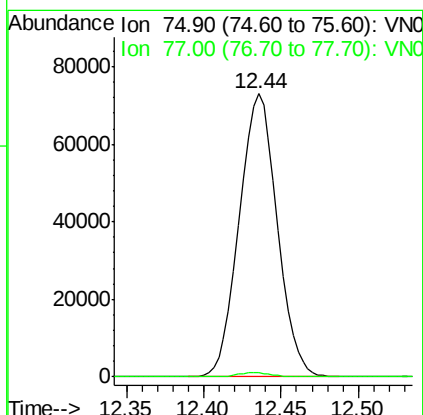
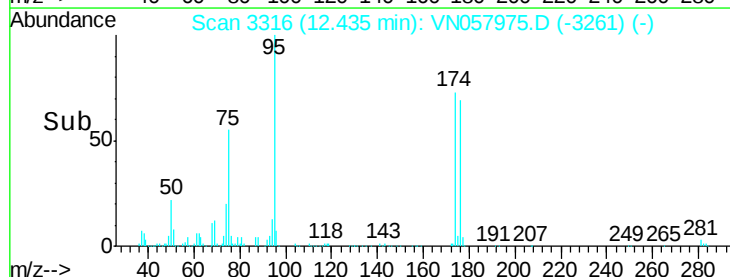
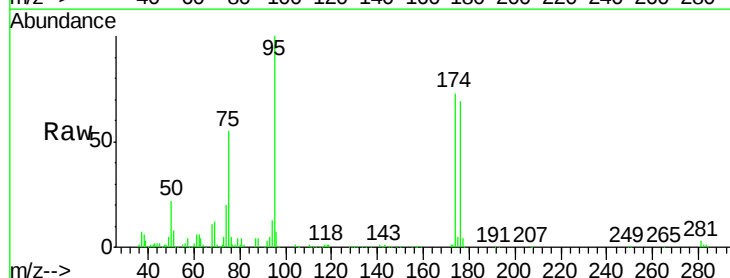
RT: 12.44 min Scan# 3316

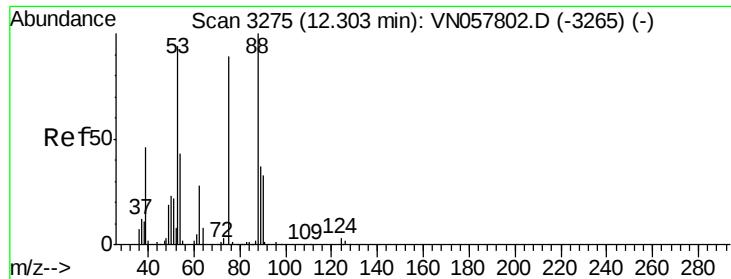
Delta R.T. -0.12 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

Tgt Ion:	75	Resp:	124828
Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 120.561 ug/l

RT: 12.44 min Scan# 3316

Delta R.T. 0.13 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

Instrument :

MSVOA_N

ClientSampleId :

IDW-DECON-WATER-091119

Tot Ion: 75 Resp: 124828

Ion Ratio Lower Upper

75 100

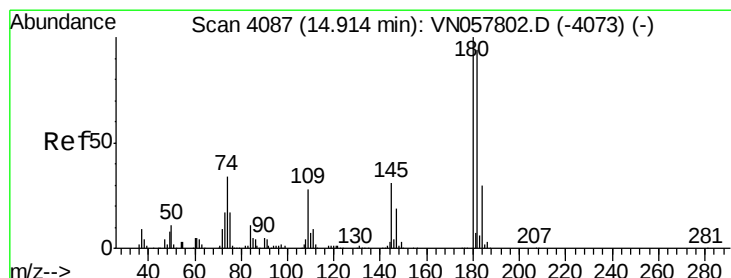
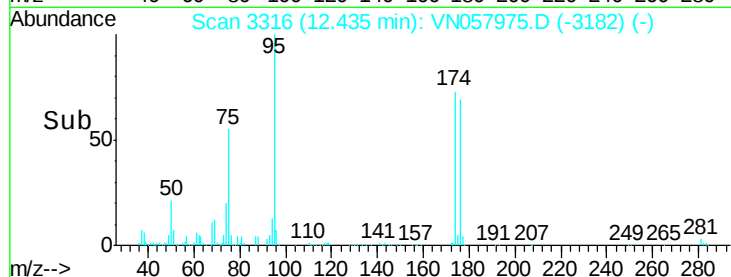
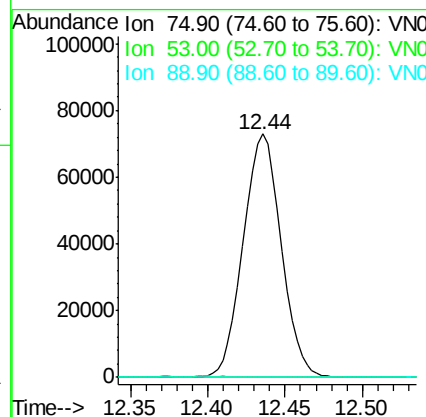
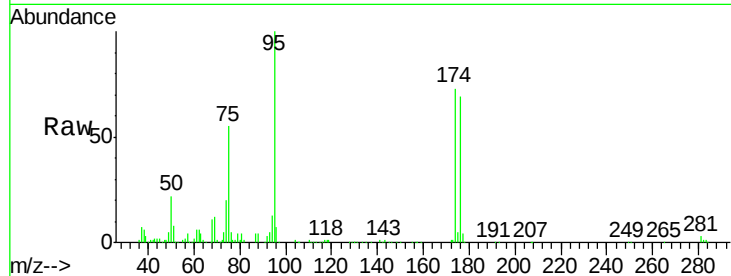
53 0.0 88.4 132.6#

89 0.0 35.3 52.9#

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#93

1,2,4-Trichlorobenzene

Concen: 0.604 ug/l

RT: 14.92 min Scan# 4089

Delta R.T. 0.01 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

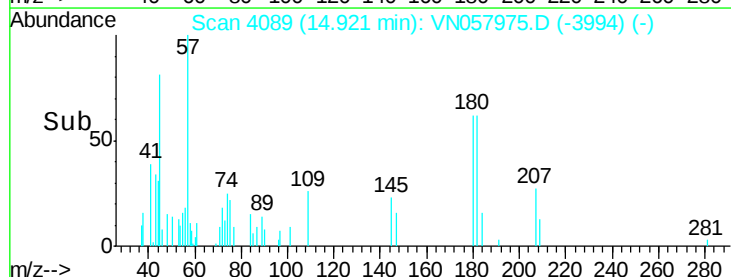
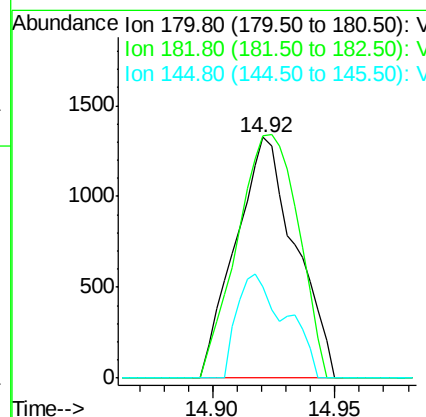
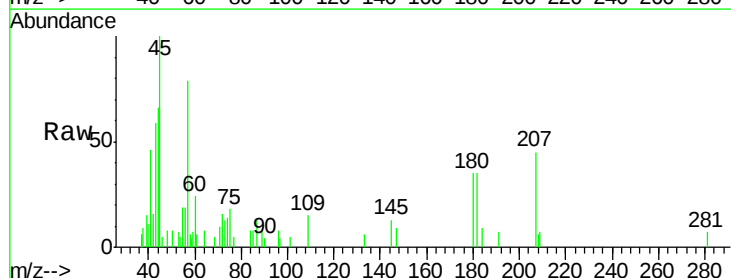
Tgt Ion: 180 Resp: 2255

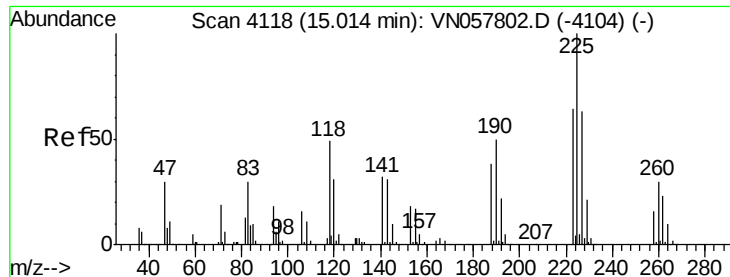
Ion Ratio Lower Upper

180 100

182 103.6 46.9 140.8

145 35.4 14.9 44.7





#94

Hexachlorobutadiene

Concen: 0.210 ug/l

RT: 15.01 min Scan# 4118

Delta R.T. 0.00 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

Instrument :

MSVOA_N

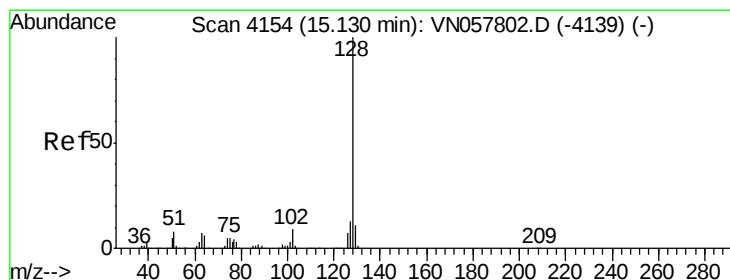
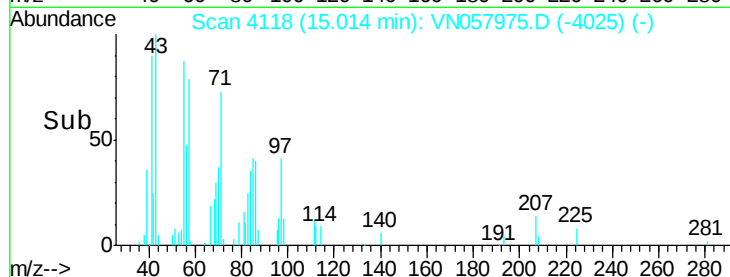
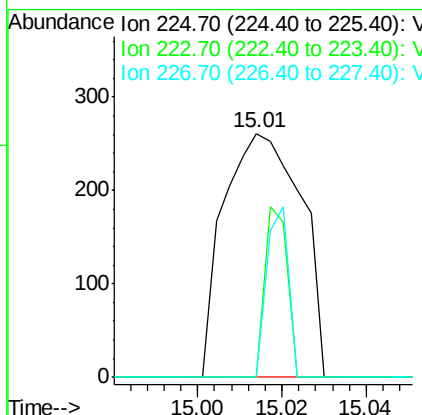
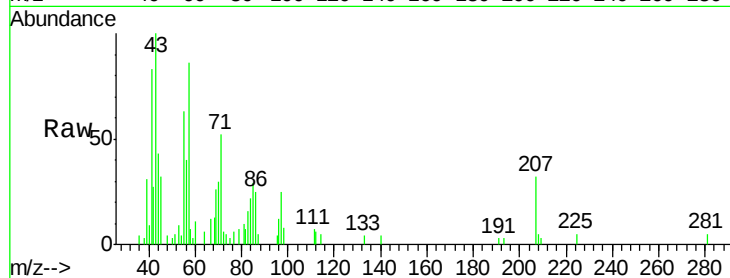
ClientSampleId :

IDW-DECON-WATER-091119

Tot Ion:	225	Resp:	333
Ion Ratio	Lower	Upper	
225	100		
223	20.1	32.4	97.2#
227	19.5	31.8	95.4#

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#95

Naphthalene

Concen: 0.459 ug/l

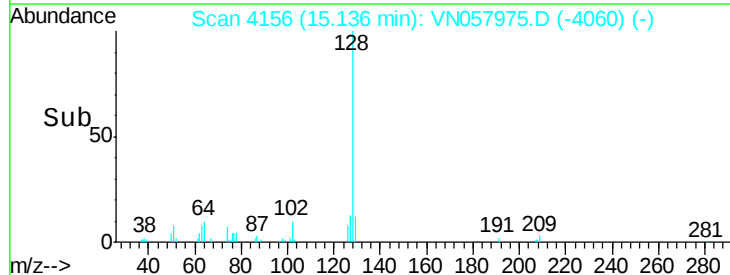
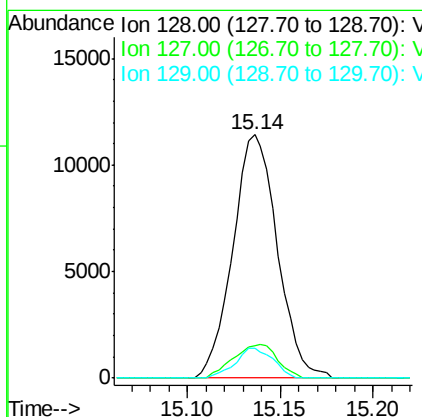
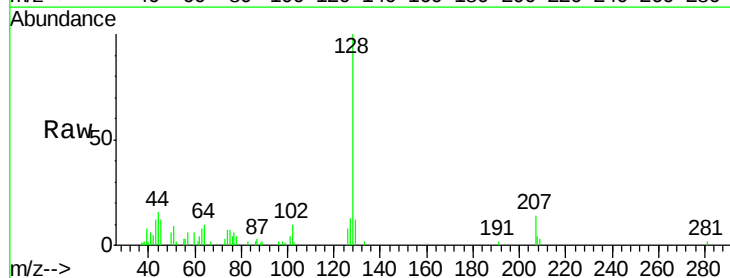
RT: 15.14 min Scan# 4156

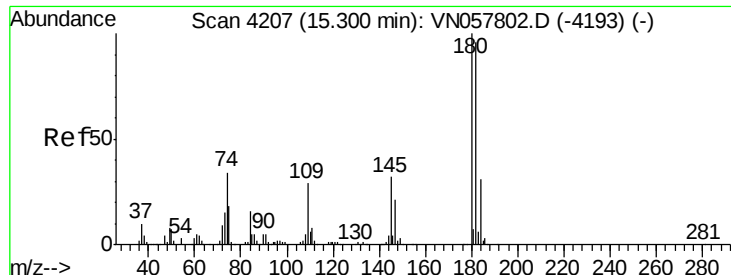
Delta R.T. 0.01 min

Lab File: VN057975.D

Acq: 12 Sep 2019 17:52

Tgt Ion:	128	Resp:	19003
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.3	15.5
129	10.5	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 1.851 ug/l
 RT: 15.31 min Scan# 4209
 Delta R.T. 0.01 min
 Lab File: VN057975.D
 Acq: 12 Sep 2019 17:52

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-DECON-WATER-091119

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.2	48.3	144.8
145	41.2	16.3	48.8

Manual Integrations
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