

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091419\
 Data File : VN058013.D
 Acq On : 13 Sep 2019 13:08
 Operator : JC/SP
 Sample : K4859-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW200A-B4-091119

Quant Time: Sep 14 02:18:34 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

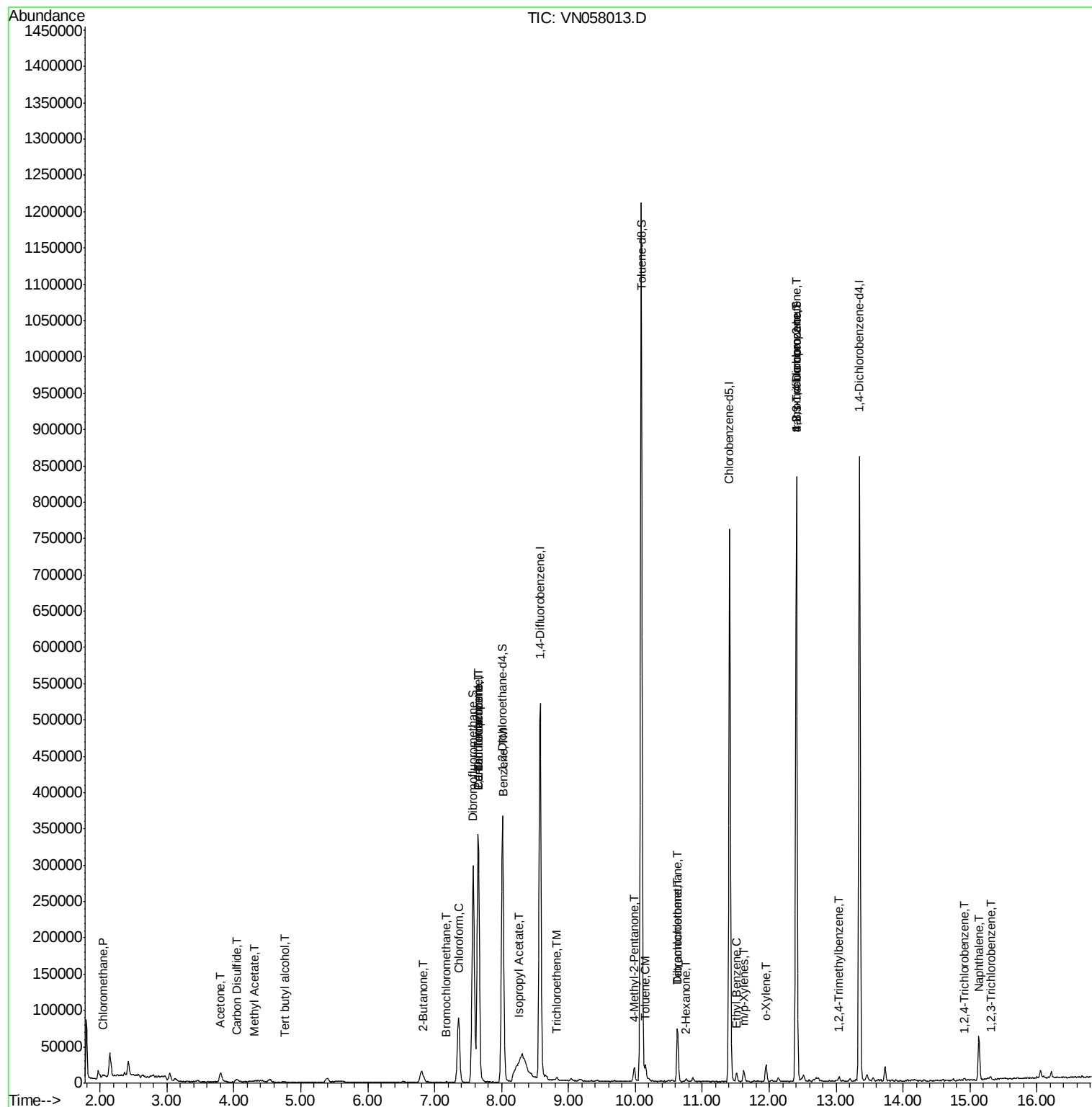
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	265161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	449089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	407952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	210483	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	321200	59.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.62%	
35) Dibromofluoromethane	7.58	113	226681	54.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.38%	
50) Toluene-d8	10.09	98	825640	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.40	95	279311	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	1653	0.442	ug/l #	88
5) Bromomethane	2.56	94	249	Below Cal	#	78
11) Tert butyl alcohol	4.76	59	181	0.278	ug/l #	72
16) Acetone	3.80	43	24126	13.703	ug/l	94
17) Carbon Disulfide	4.04	76	191	0.202	ug/l #	75
18) Methyl Acetate	4.30	43	1663	0.354	ug/l #	61
20) Methylene Chloride	4.52	84	2340	Below Cal	#	69
25) 2-Butanone	6.84	43	5354	2.101	ug/l #	87
28) Bromochloromethane	7.18	49	730	0.206	ug/l #	38
30) Chloroform	7.36	83	89827	12.131	ug/l	96
31) Cyclohexane	7.65	56	7043	Below Cal	#	1
36) 1,1-Dichloropropene	7.65	75	22682	4.355	ug/l #	50
38) Carbon Tetrachloride	7.65	117	26429	5.558	ug/l #	17
40) Benzene	8.03	78	4879	0.311	ug/l #	88
43) Isopropyl Acetate	8.26	43	44695	4.939	ug/l #	56
44) Trichloroethene	8.83	130	1243	0.323	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	15864	2.962	ug/l	98
52) Toluene	10.15	92	7283	0.737	ug/l	98
59) 2-Hexanone	10.76	43	2783	0.693	ug/l	94
60) Dibromochloromethane	10.63	129	13583	3.497	ug/l #	11
64) Tetrachloroethene	10.63	164	15346	5.095	ug/l	95
67) Ethyl Benzene	11.51	91	7933	0.424	ug/l	96
68) m/p-Xylenes	11.62	106	4792	0.699	ug/l	96
69) o-Xylene	11.95	106	6160	0.904	ug/l	92
76) 1,2,3-Trichloropropane	12.40	75	156706	32.911	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	156706	115.815	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.05	105	3744	0.267	ug/l	99
93) 1,2,4-Trichlorobenzene	14.92	180	1165	0.239	ug/l	82
95) Naphthalene	15.13	128	46969	2.313	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	1265	1.289	ug/l	95

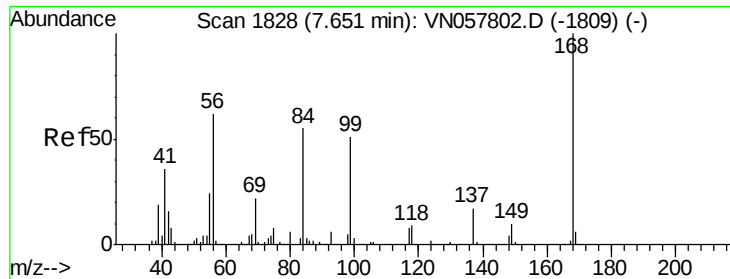
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058013.D

Acq: 13 Sep 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

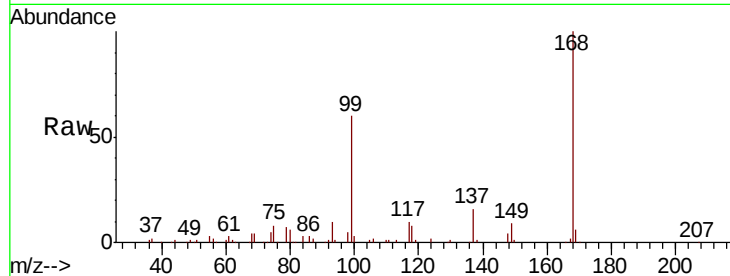
IDW-GW200A-B4-091119

Tgt Ion: 168 Resp: 265161

Ion Ratio Lower Upper

168 100

99 60.4 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)

7.65

120000

100000

80000

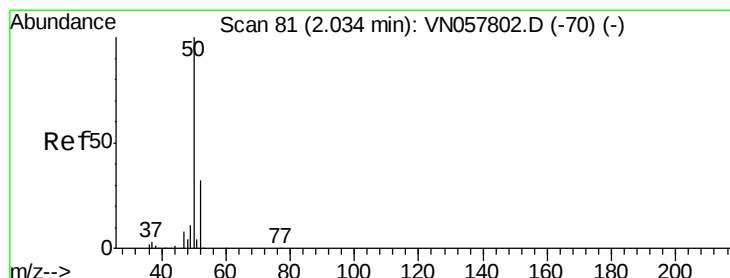
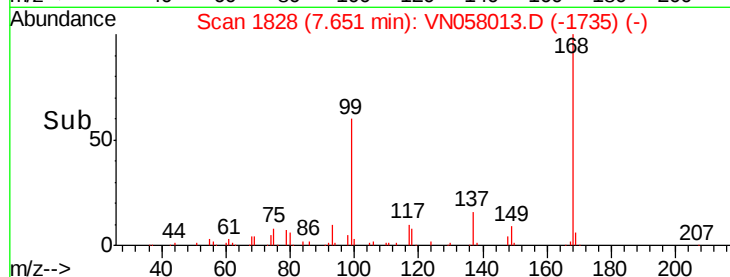
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.442 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058013.D

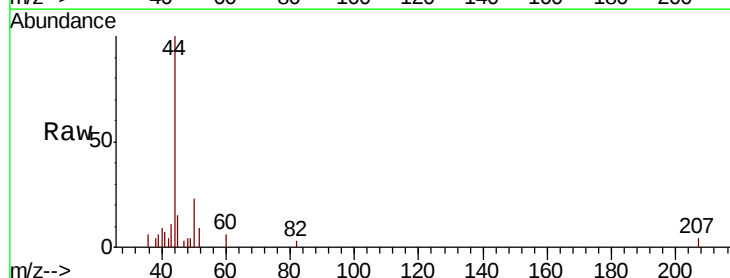
Acq: 13 Sep 2019 13:08

Tgt Ion: 50 Resp: 1653

Ion Ratio Lower Upper

50 100

52 38.8 25.5 38.3#



Abundance Ion 49.90 (49.60 to 50.60): VN057802.D (-70) (-)

Ion 51.90 (51.60 to 52.60): VN057802.D (-70) (-)

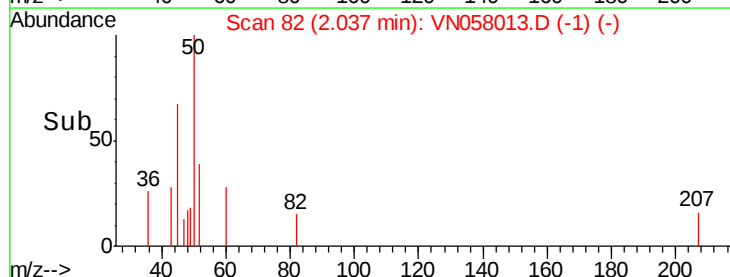
2.04

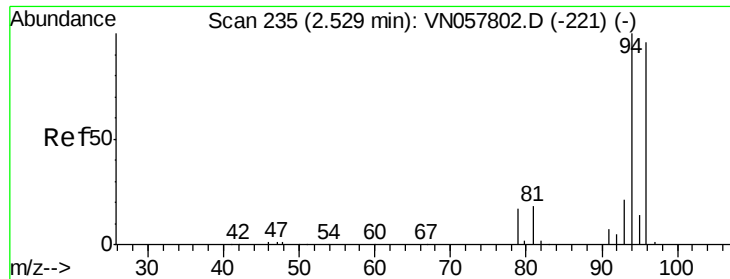
1000

500

0

Time-->

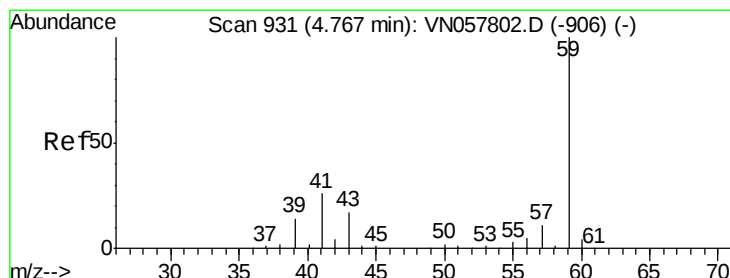
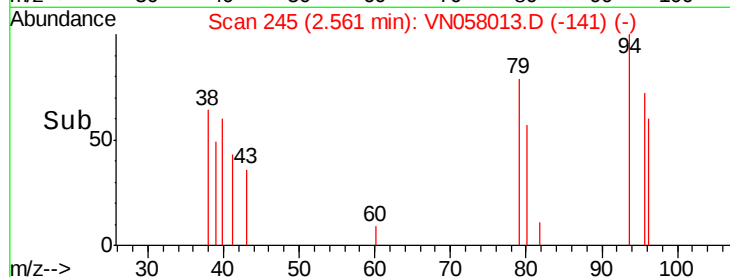
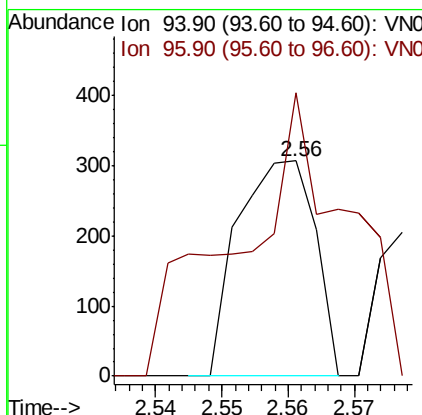
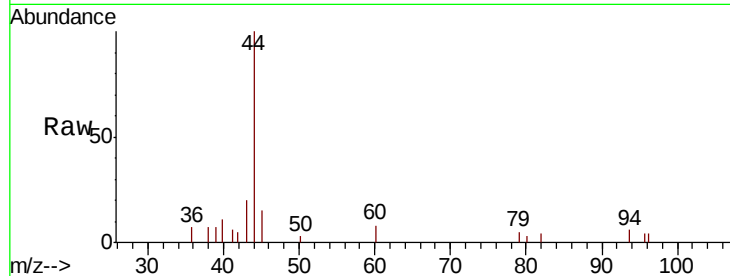




#5
Bromomethane
Concen: Below Cal
RT: 2.56 min Scan# 245
Delta R.T. 0.03 min
Lab File: VN058013.D
Acq: 13 Sep 2019 13:08

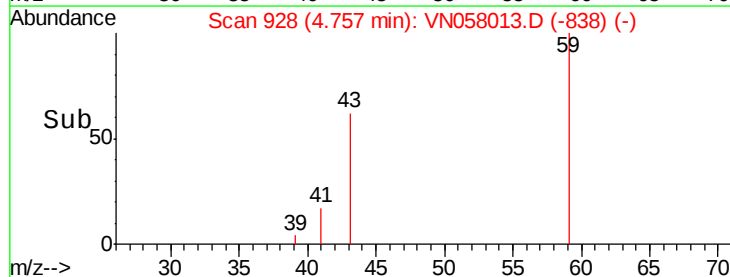
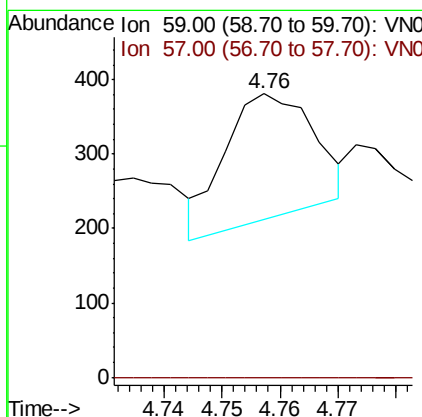
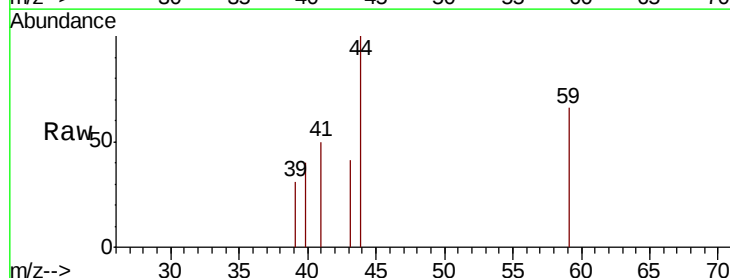
Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200A-B4-091119

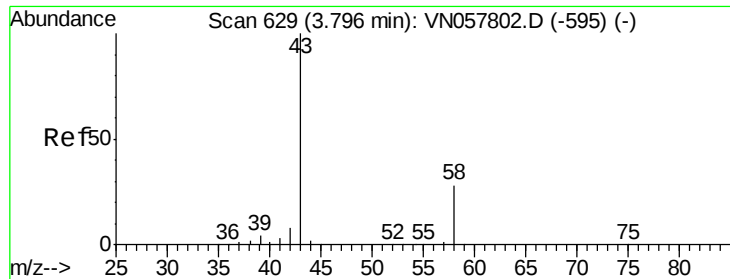
Tgt Ion: 94 Resp: 249
Ion Ratio Lower Upper
94 100
96 74.6 77.0 115.4#



#11
Tert butyl alcohol
Concen: 0.278 ug/l
RT: 4.76 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN058013.D
Acq: 13 Sep 2019 13:08

Tgt Ion: 59 Resp: 181
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#





#16

Acetone

Concen: 13.703 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058013.D

Acq: 13 Sep 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

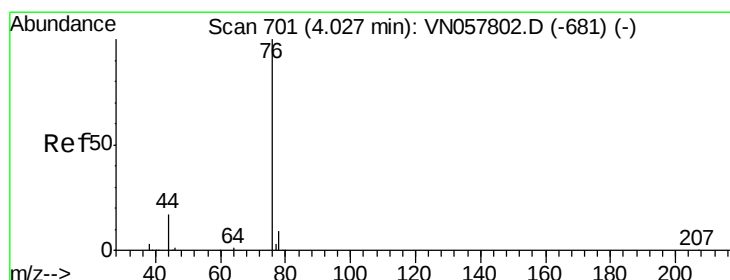
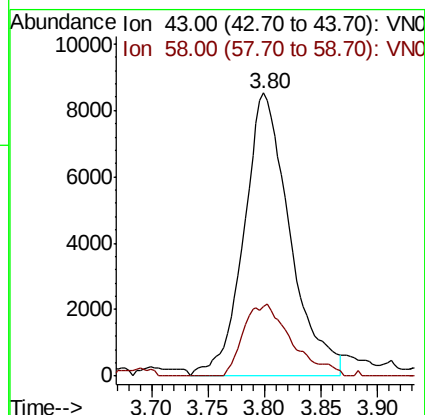
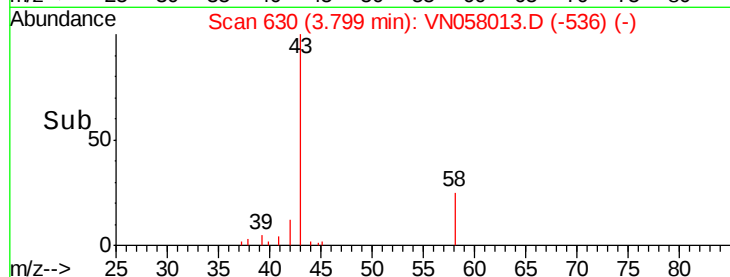
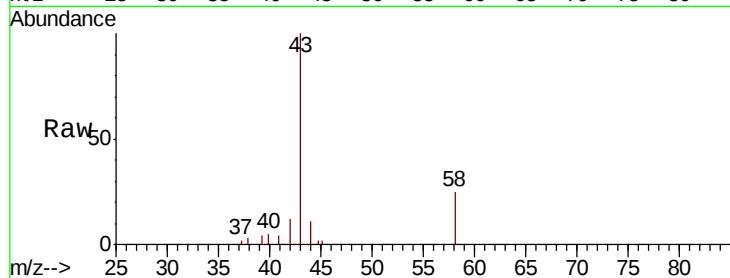
IDW-GW200A-B4-091119

Tgt Ion: 43 Resp: 24126

Ion Ratio Lower Upper

43 100

58 24.5 22.2 33.2



#17

Carbon Disulfide

Concen: 0.202 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.01 min

Lab File: VN058013.D

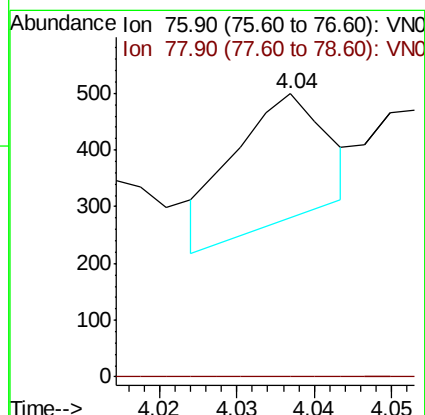
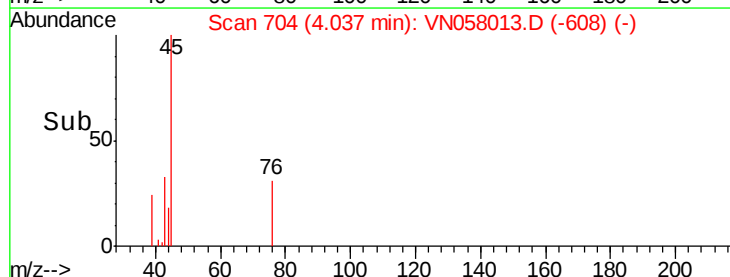
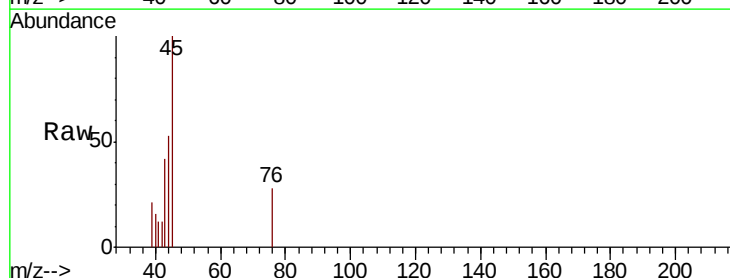
Acq: 13 Sep 2019 13:08

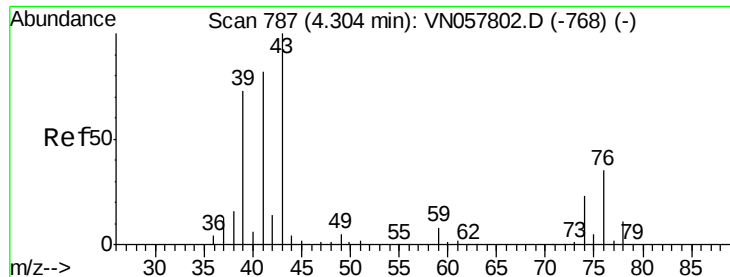
Tgt Ion: 76 Resp: 191

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#

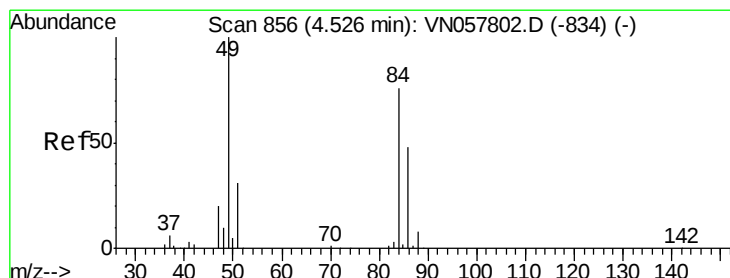
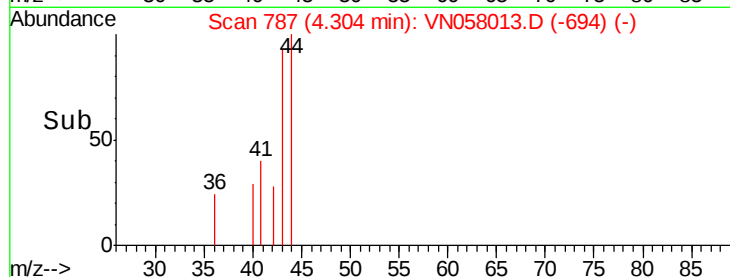
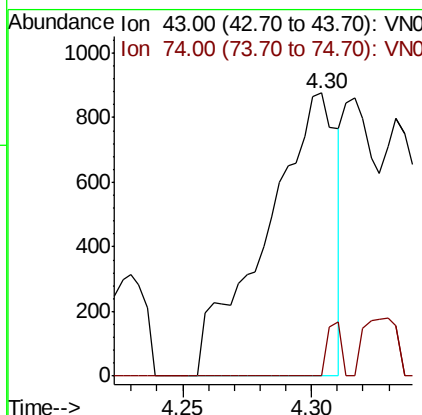
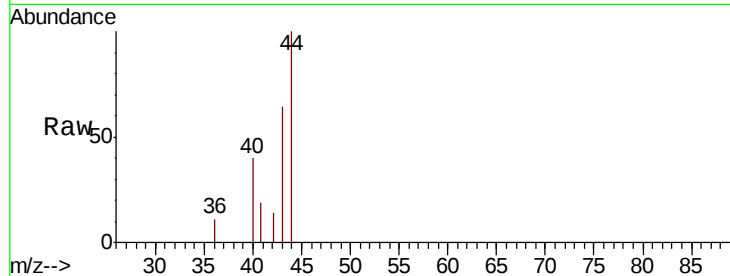




#18
Methyl Acetate
Concen: 0.354 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058013.D
Acq: 13 Sep 2019 13:08

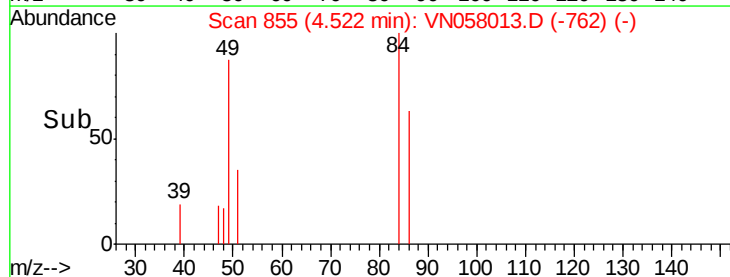
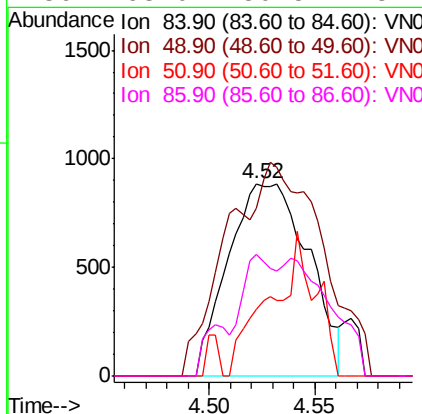
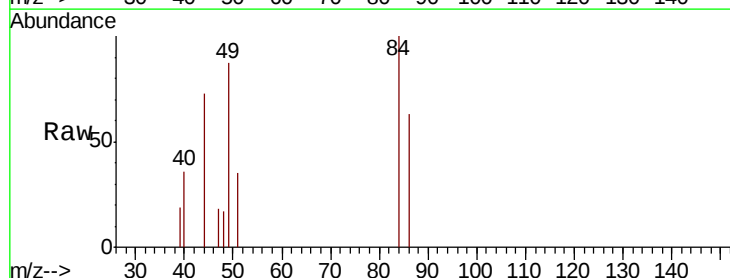
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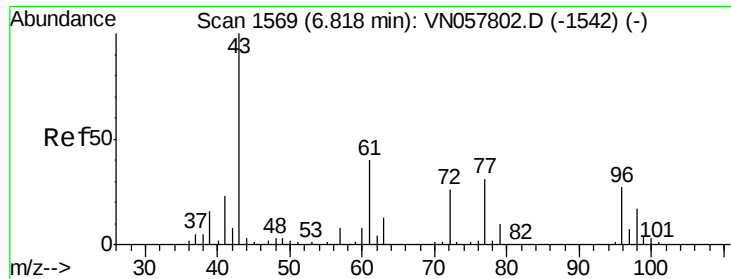
Tgt Ion: 43 Resp: 1663
Ion Ratio Lower Upper
43 100
74 3.7 17.9 26.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN058013.D
Acq: 13 Sep 2019 13:08

Tgt Ion: 84 Resp: 2340
Ion Ratio Lower Upper
84 100
49 69.1 104.8 157.2#
51 34.6 33.0 49.4
86 63.0 50.5 75.7

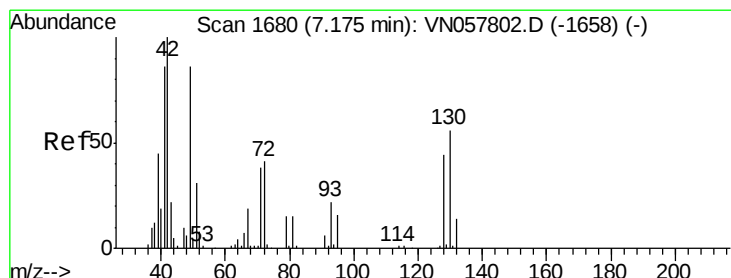
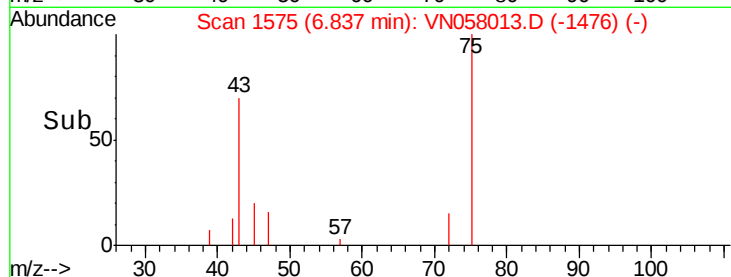
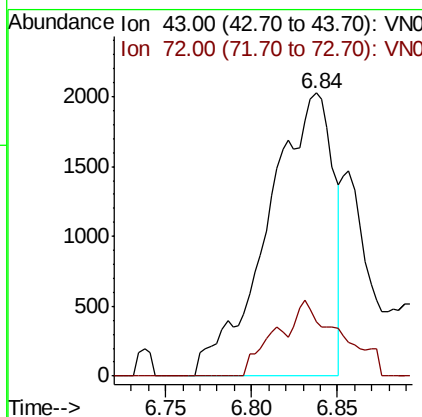
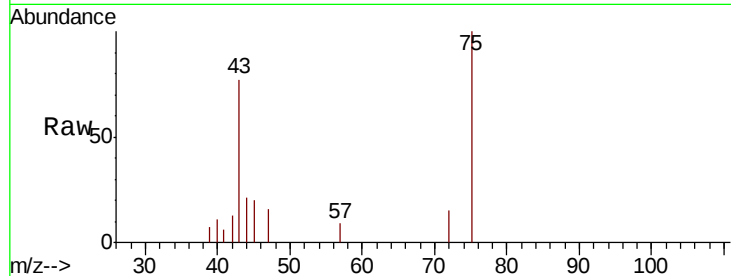




#25
2-Butanone
Concen: 2.101 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.02 min
Lab File: VN058013.D
Acq: 13 Sep 2019 13:08

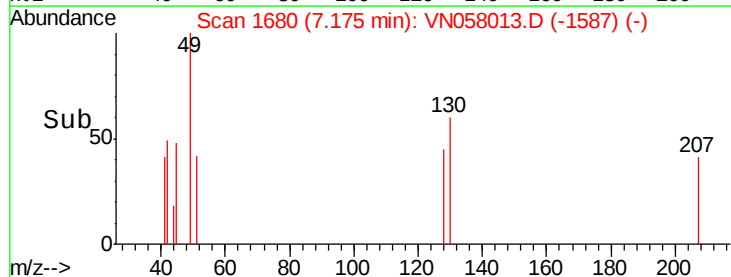
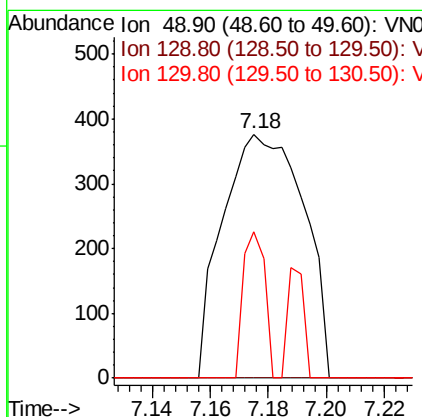
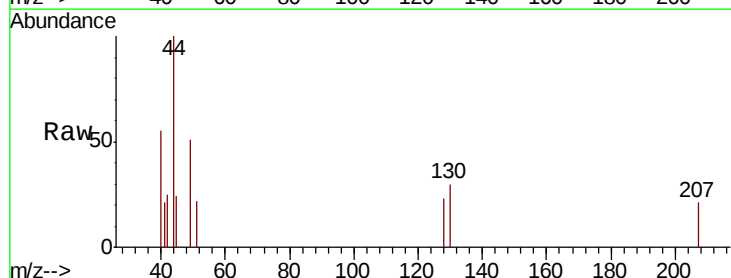
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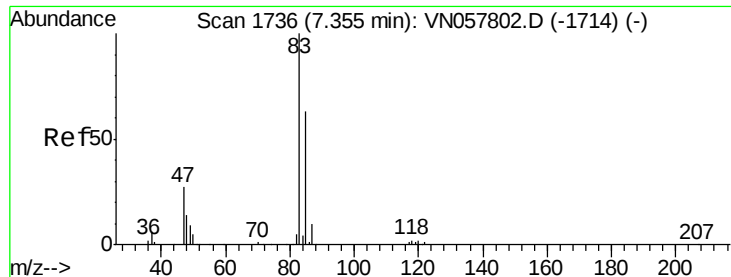
Tgt Ion: 43 Resp: 5354
Ion Ratio Lower Upper
43 100
72 19.2 20.6 30.8#



#28
Bromochloromethane
Concen: 0.206 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN058013.D
Acq: 13 Sep 2019 13:08

Tgt Ion: 49 Resp: 730
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 15.9 53.0 79.6#

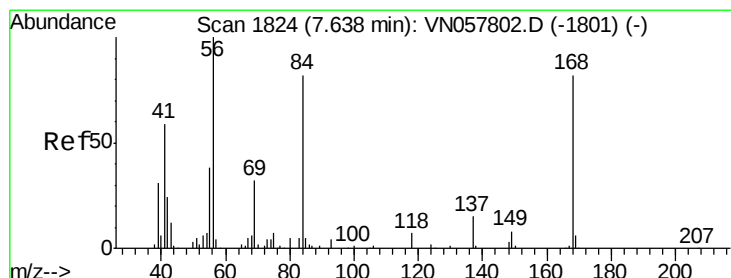
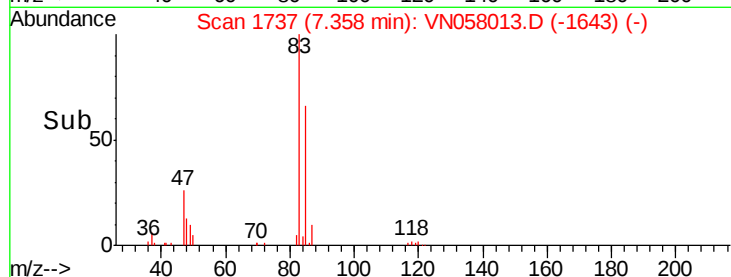
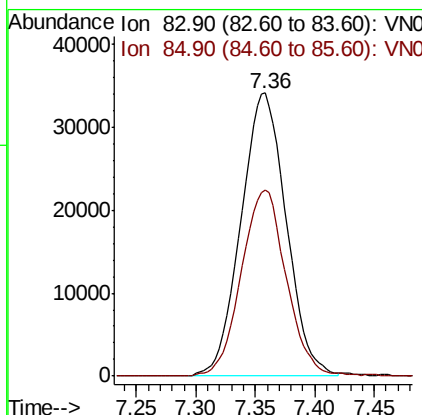
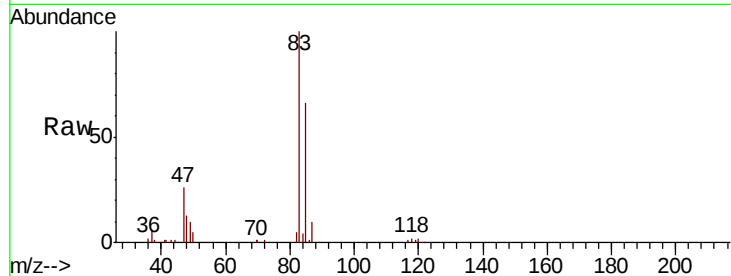




#30
Chloroform
Concen: 12.131 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN058013.D
Acq: 13 Sep 2019 13:08

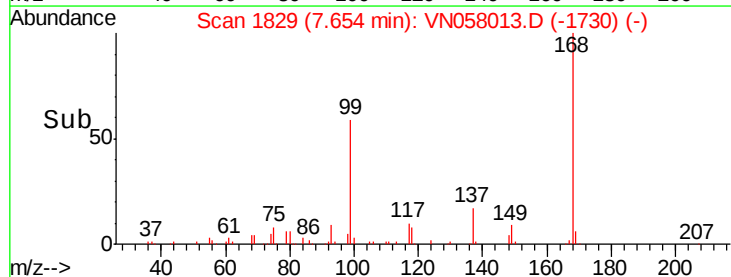
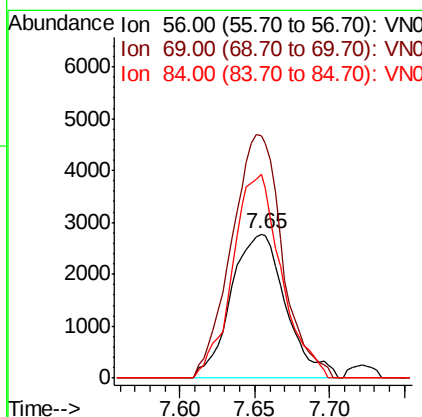
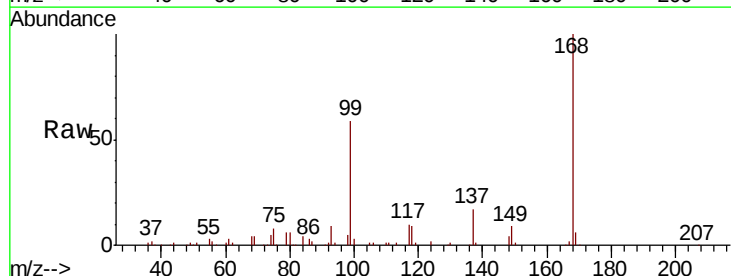
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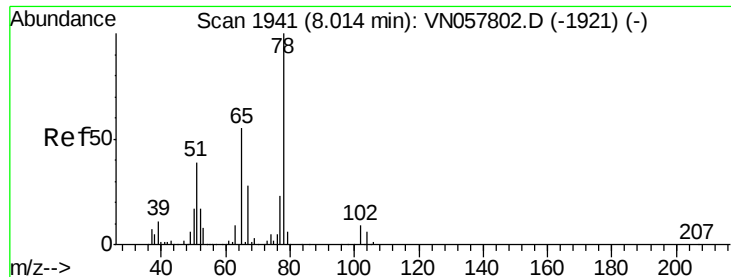
Tgt Ion: 83 Resp: 89827
Ion Ratio Lower Upper
83 100
85 66.0 50.6 75.8



#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1829
Delta R.T. 0.02 min
Lab File: VN058013.D
Acq: 13 Sep 2019 13:08

Tgt Ion: 56 Resp: 7043
Ion Ratio Lower Upper
56 100
69 168.9 25.9 38.9#
84 142.1 65.6 98.4#





#33

1,2-Dichloroethane-d4

Concen: 59.807 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058013.D

Acq: 13 Sep 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

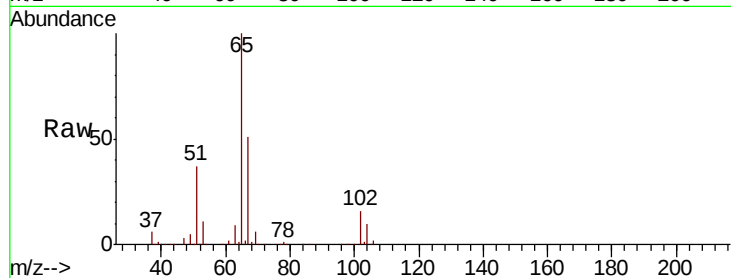
IDW-GW200A-B4-091119

Tgt Ion: 65 Resp: 321200

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN057802.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN057802.D (-1921) (-)

8.01

150000

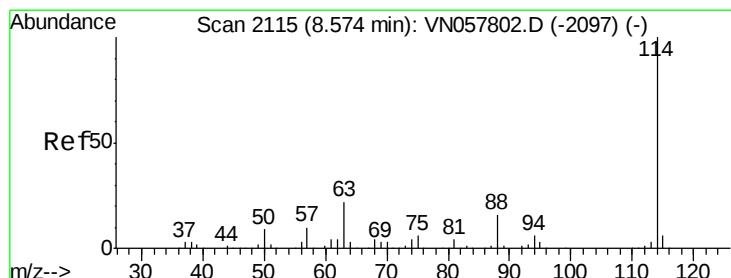
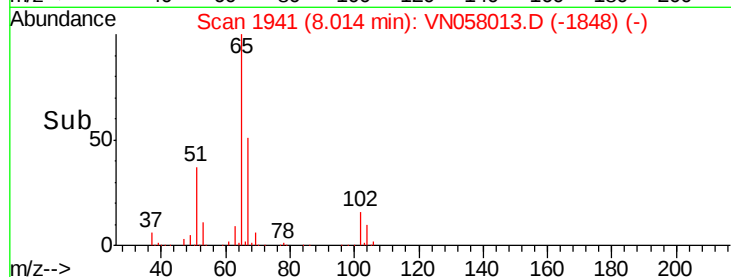
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN058013.D

Acq: 13 Sep 2019 13:08

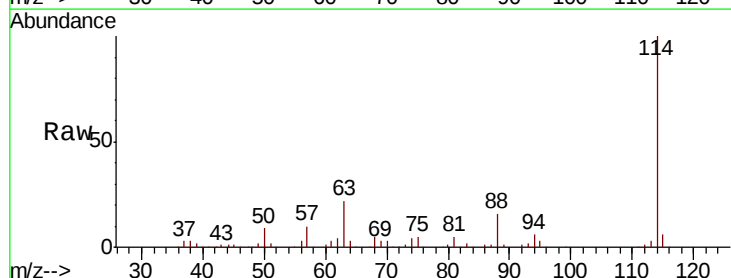
Tgt Ion: 114 Resp: 449089

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.0

88 16.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057802.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN057802.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN057802.D (-2097) (-)

8.58

250000

200000

150000

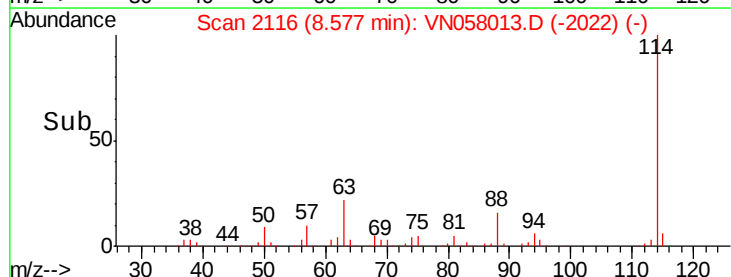
100000

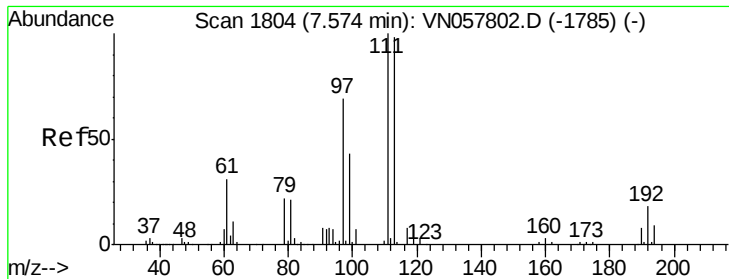
50000

0

8.50 8.55 8.60 8.65

Time-->

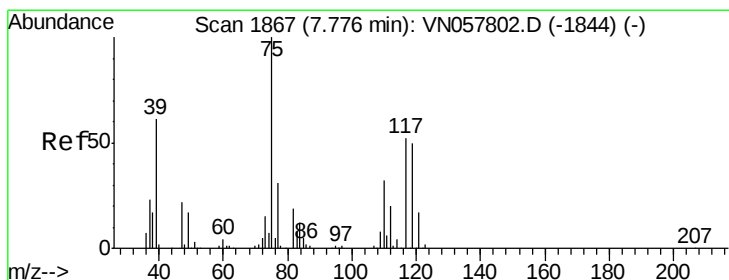
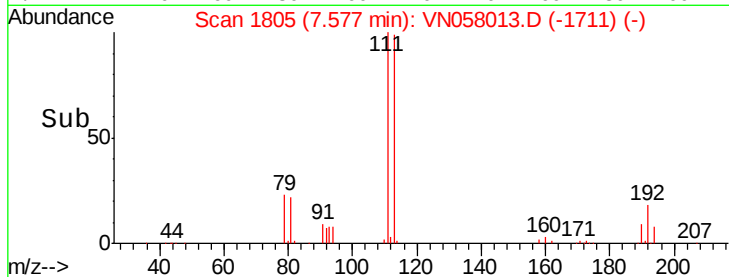
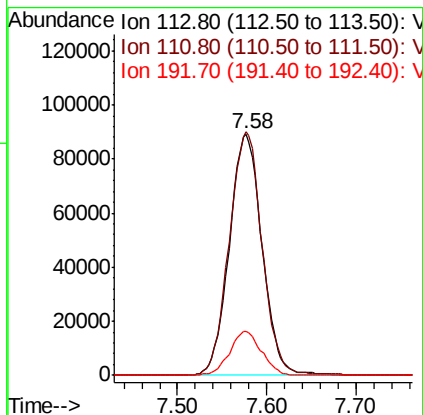
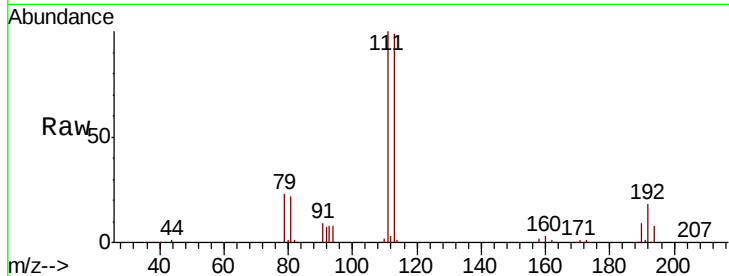




#35
 Dibromofluoromethane
 Concen: 54.689 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058013.D
 Acq: 13 Sep 2019 13:08

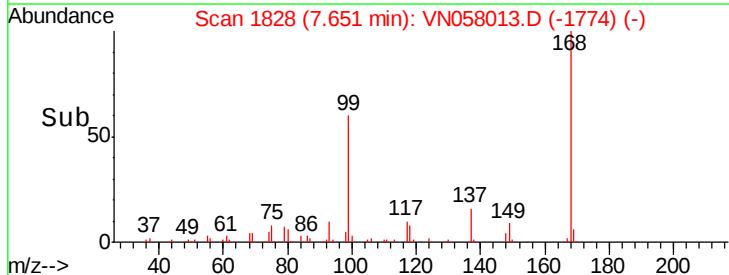
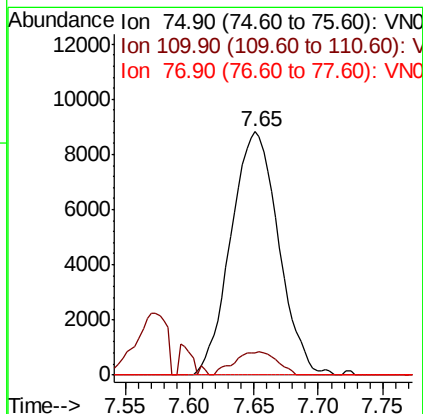
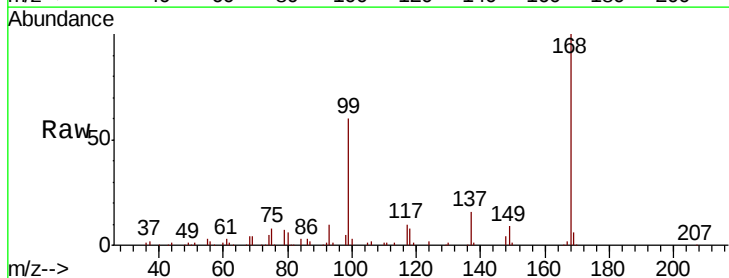
Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW200A-B4-091119

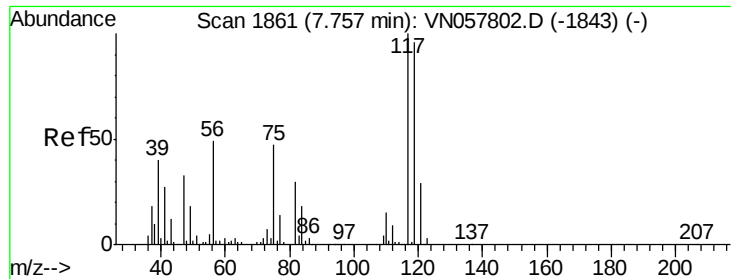
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.3	121.9
192	17.7	14.6	22.0



#36
 1,1-Dichloropropene
 Concen: 4.355 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058013.D
 Acq: 13 Sep 2019 13:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.3	48.9#
77	0.0	25.0	37.4#

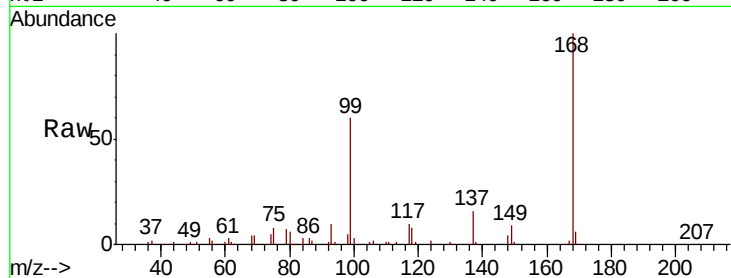




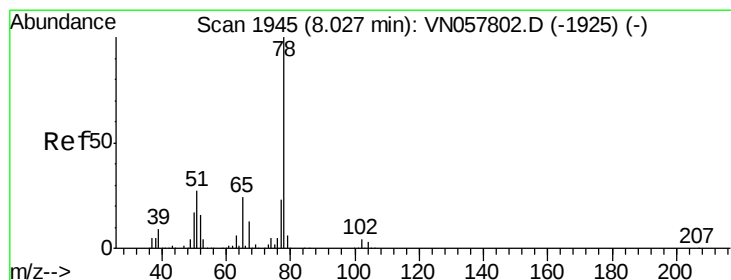
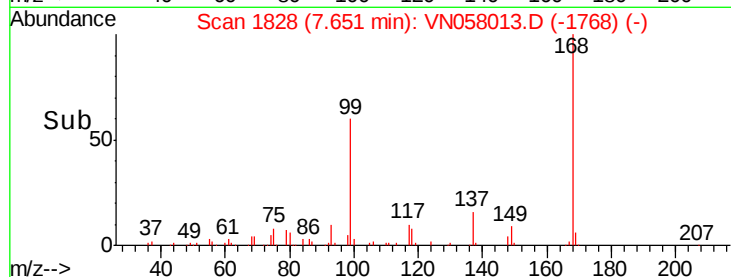
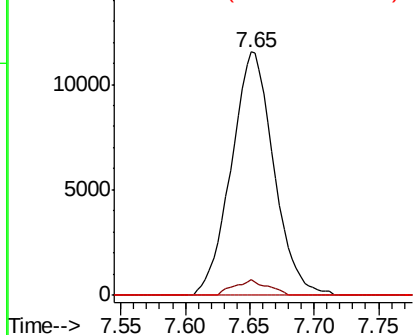
#38
Carbon Tetrachloride
Concen: 5.558 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. -0.11 min
Lab File: VN058013.D
Acq: 13 Sep 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200A-B4-091119

Tgt Ion: 117 Resp: 26429
Ion Ratio Lower Upper
117 100
119 6.3 76.9 115.3#
121 0.0 23.4 35.2#

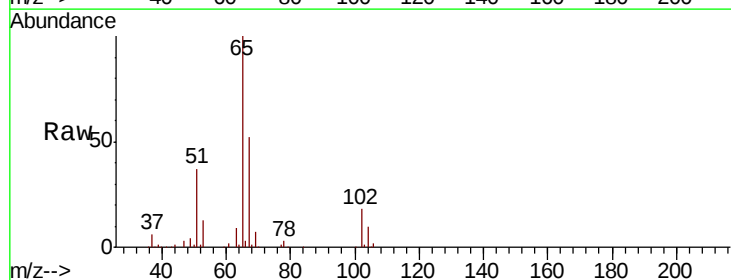


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

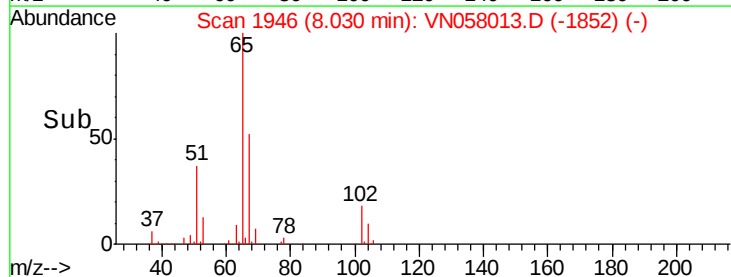
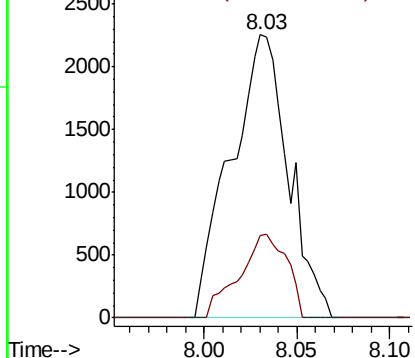


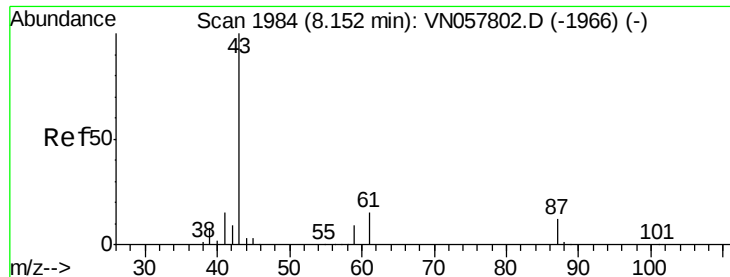
#40
Benzene
Concen: 0.311 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN058013.D
Acq: 13 Sep 2019 13:08

Tgt Ion: 78 Resp: 4879
Ion Ratio Lower Upper
78 100
77 28.9 18.3 27.5#



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





#43

Isopropyl Acetate

Concen: 4.939 ug/l

RT: 8.26 min Scan# 2016

Delta R.T. 0.10 min

Lab File: VN058013.D

Acq: 13 Sep 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW200A-B4-091119

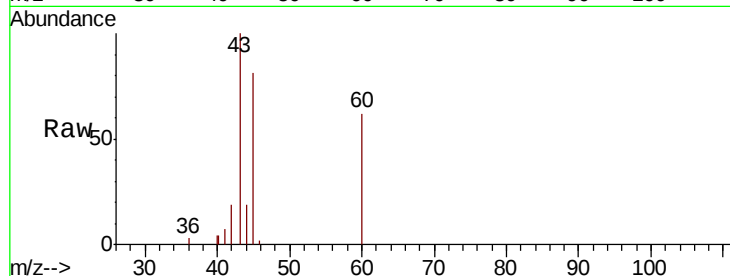
Tgt Ion: 43 Resp: 44695

Ion Ratio Lower Upper

43 100

61 0.0 20.1 30.1#

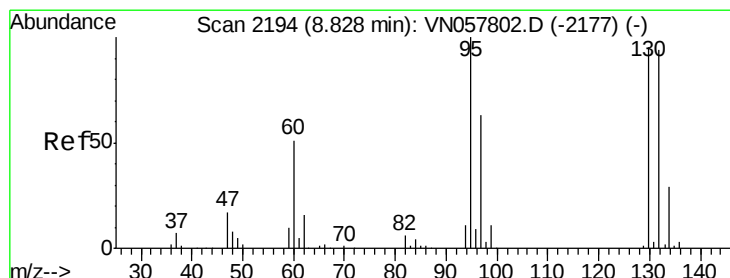
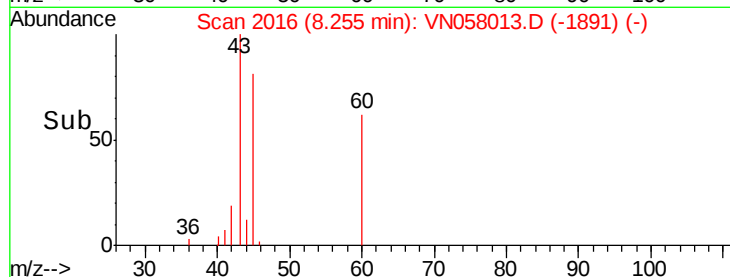
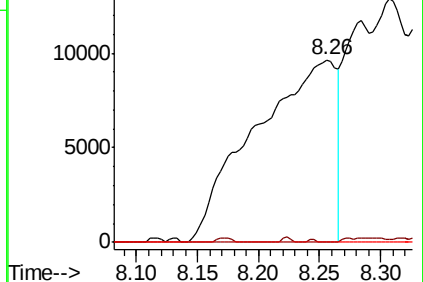
87 0.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)



#44

Trichloroethene

Concen: 0.323 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. 0.00 min

Lab File: VN058013.D

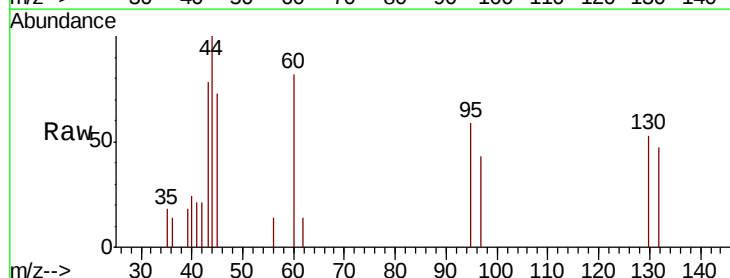
Acq: 13 Sep 2019 13:08

Tgt Ion: 130 Resp: 1243

Ion Ratio Lower Upper

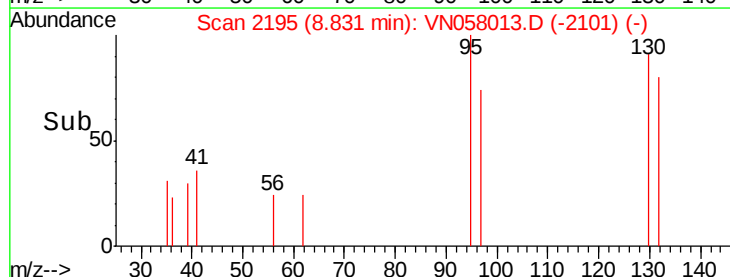
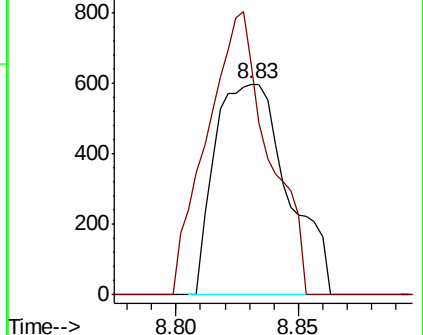
130 100

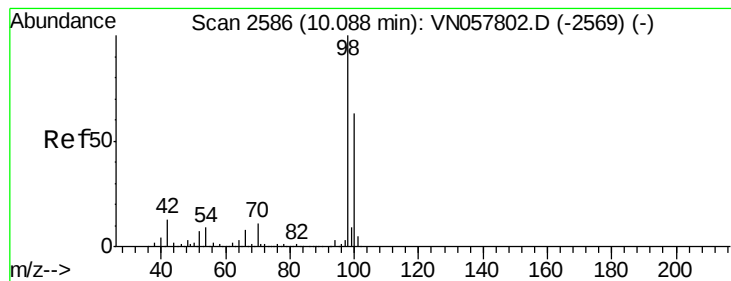
95 109.9 0.0 211.4



Abundance Ion 129.80 (129.50 to 130.50): VN057802.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057802.D (-2177) (-)





#50

Toluene-d8

Concen: 51.305 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058013.D

Acq: 13 Sep 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

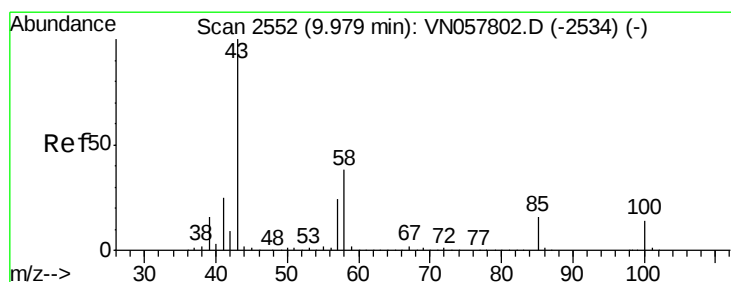
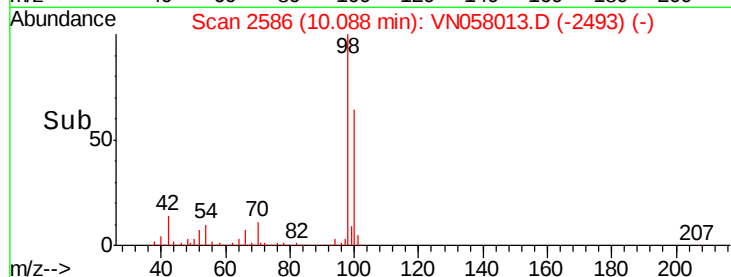
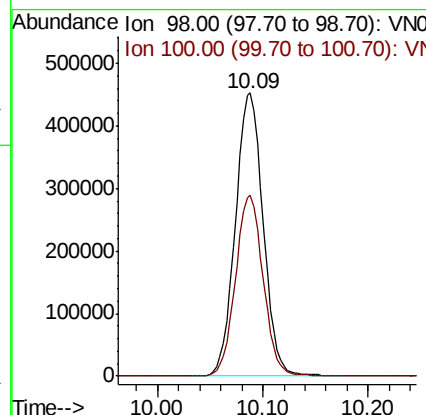
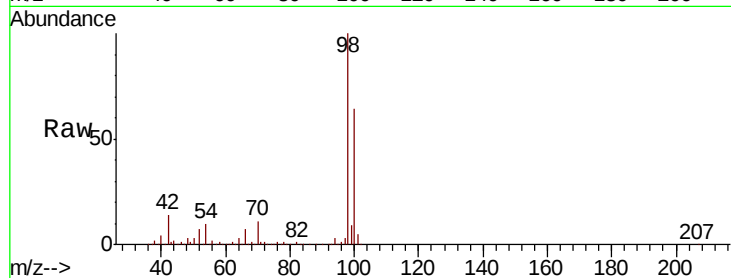
IDW-GW200A-B4-091119

Tgt Ion: 98 Resp: 825640

Ion Ratio Lower Upper

98 100

100 63.7 50.3 75.5



#51

4-Methyl-2-Pentanone

Concen: 2.962 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN058013.D

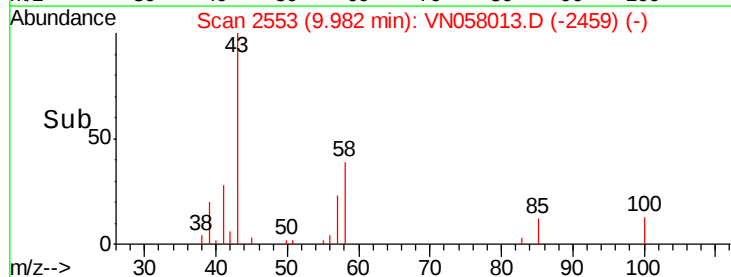
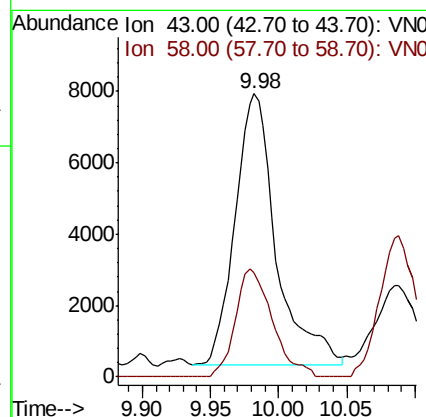
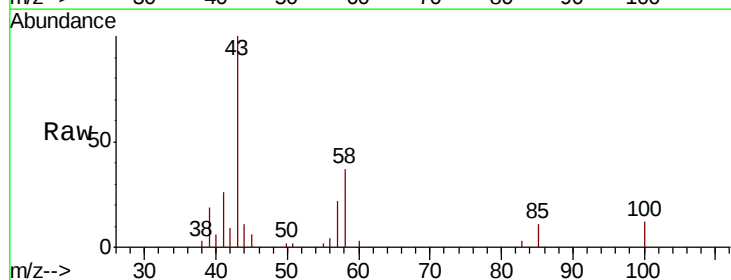
Acq: 13 Sep 2019 13:08

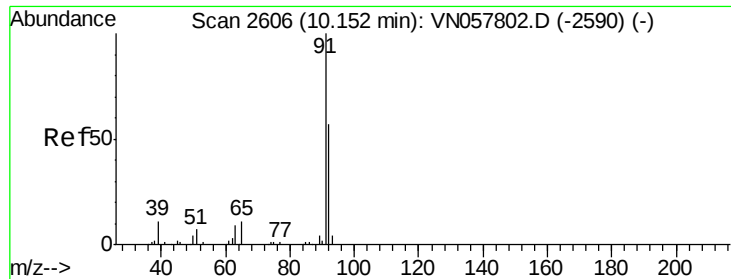
Tgt Ion: 43 Resp: 15864

Ion Ratio Lower Upper

43 100

58 35.9 29.8 44.6





#52

Toluene

Concen: 0.737 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058013.D

Acq: 13 Sep 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

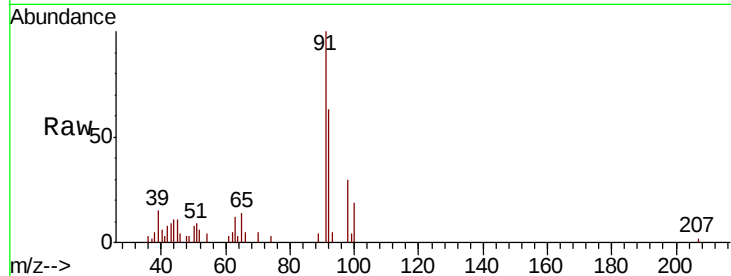
IDW-GW200A-B4-091119

Tgt Ion: 92 Resp: 7283

Ion Ratio Lower Upper

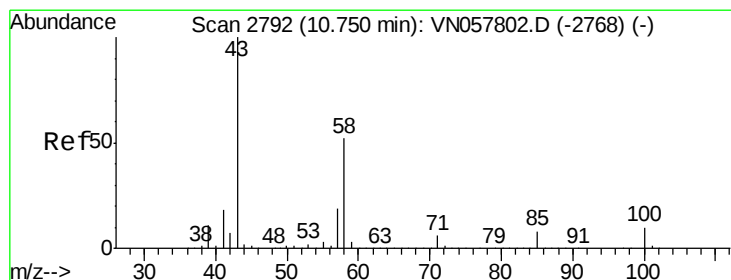
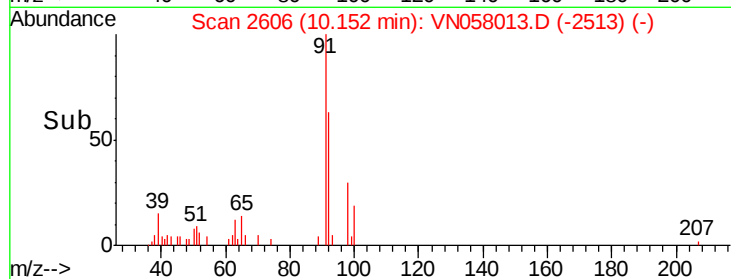
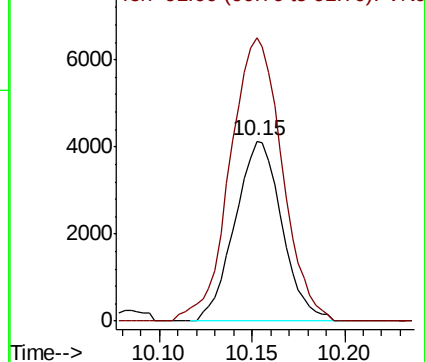
92 100

91 173.5 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#59

2-Hexanone

Concen: 0.693 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.01 min

Lab File: VN058013.D

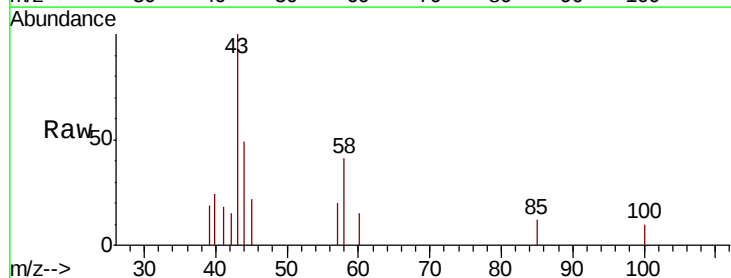
Acq: 13 Sep 2019 13:08

Tgt Ion: 43 Resp: 2783

Ion Ratio Lower Upper

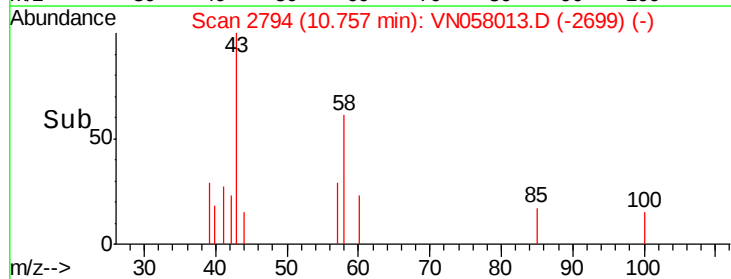
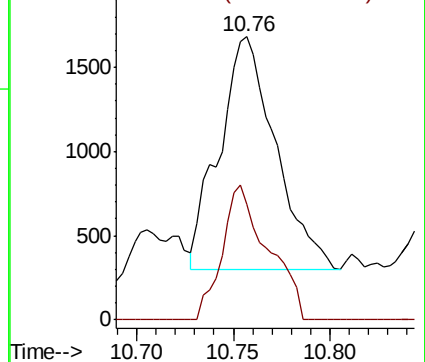
43 100

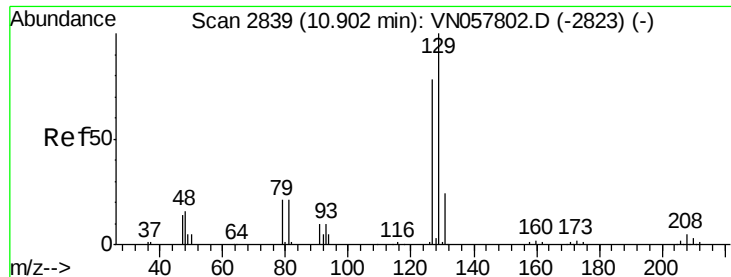
58 47.1 25.6 76.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

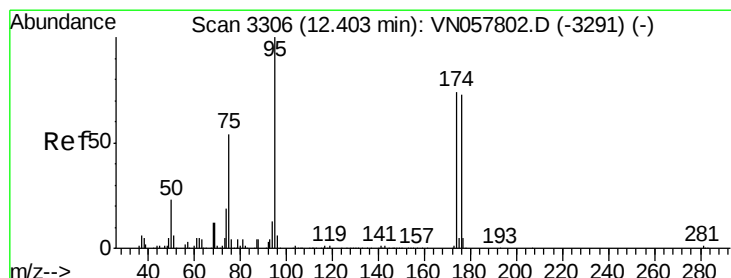
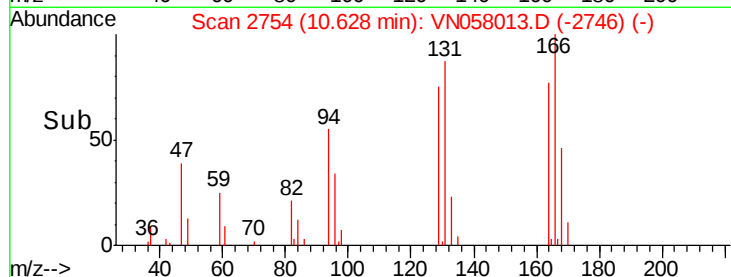
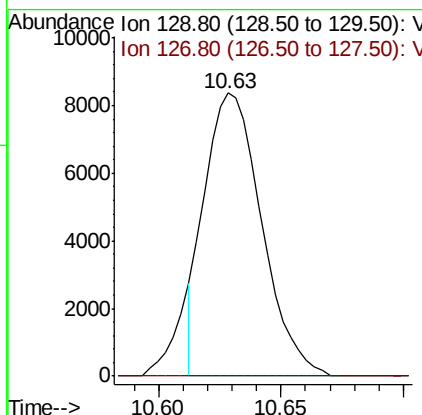
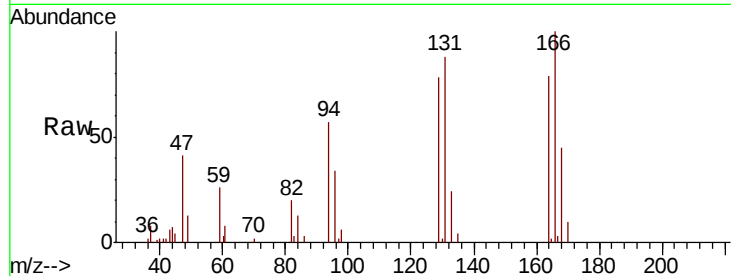




#60
 Dibromochloromethane
 Concen: 3.497 ug/l
 RT: 10.63 min Scan# 2754
 Delta R.T. -0.27 min
 Lab File: VN058013.D
 Acq: 13 Sep 2019 13:08

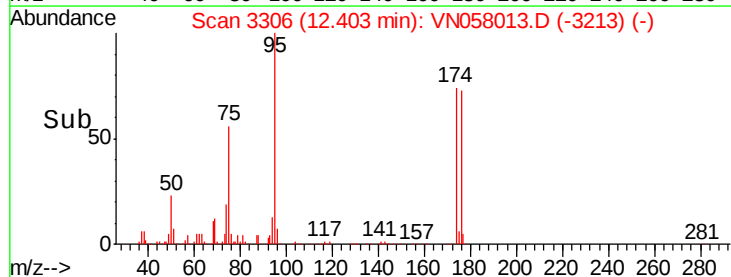
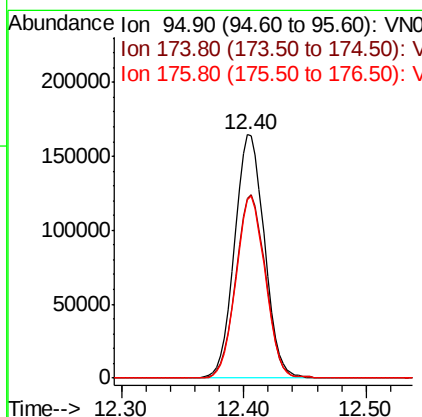
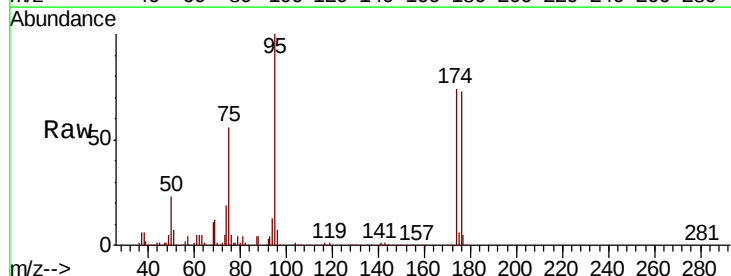
Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW200A-B4-091119

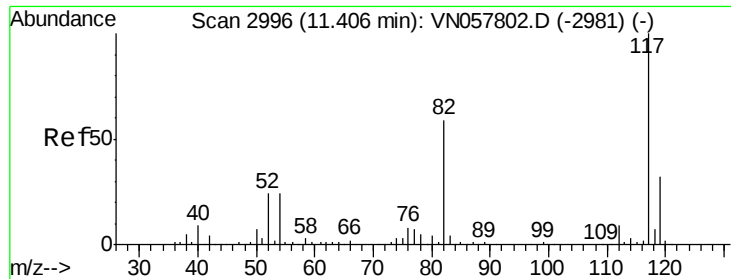
Tgt Ion: 129 Resp: 13583
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.6 116.0#



#62
 4-Bromofluorobenzene
 Concen: 45.544 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN058013.D
 Acq: 13 Sep 2019 13:08

Tgt Ion: 95 Resp: 279311
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 150.2
 176 73.2 0.0 146.0

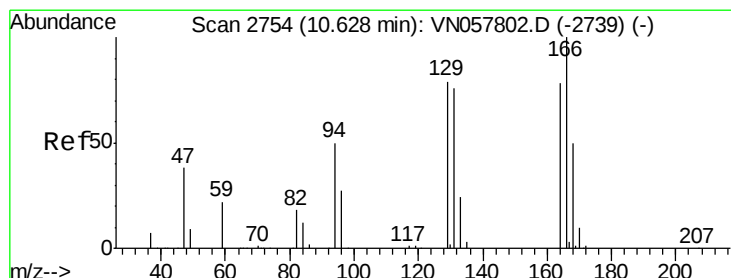
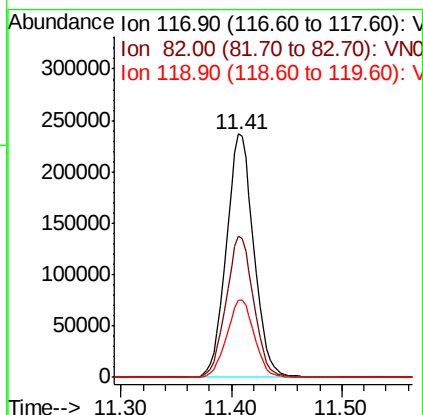
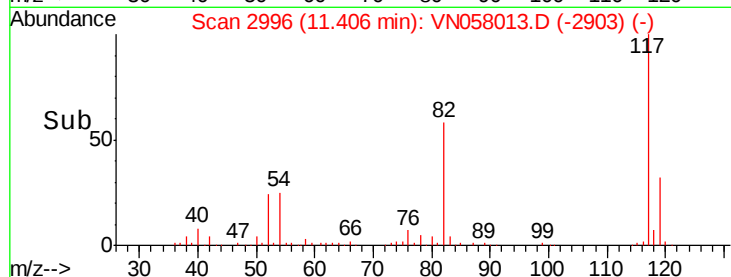
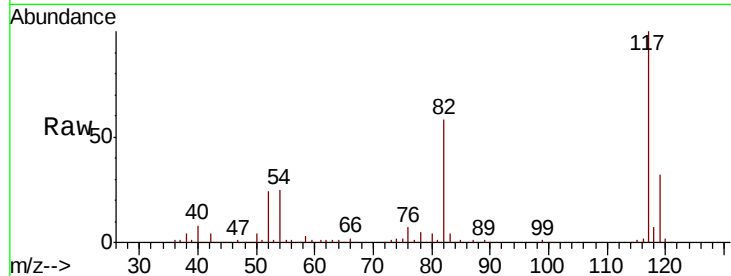




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058013.D
Acq: 13 Sep 2019 13:08

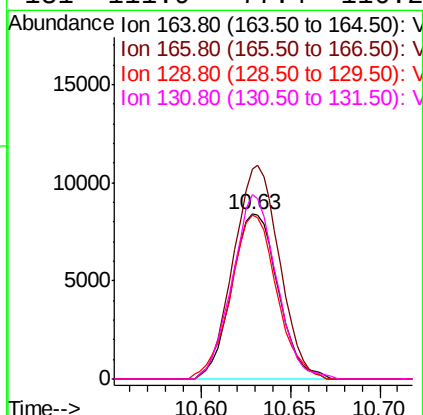
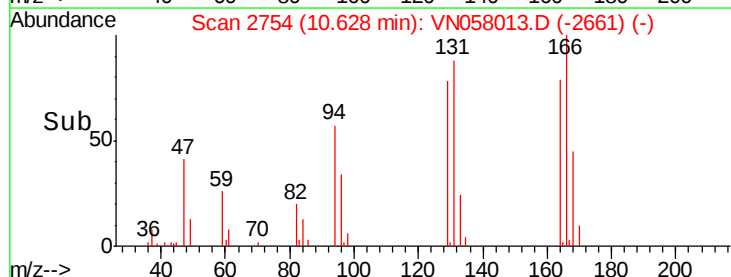
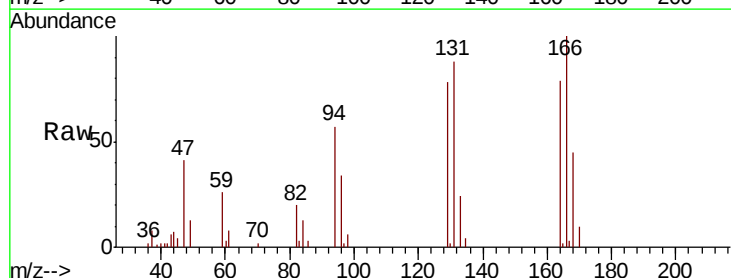
Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200A-B4-091119

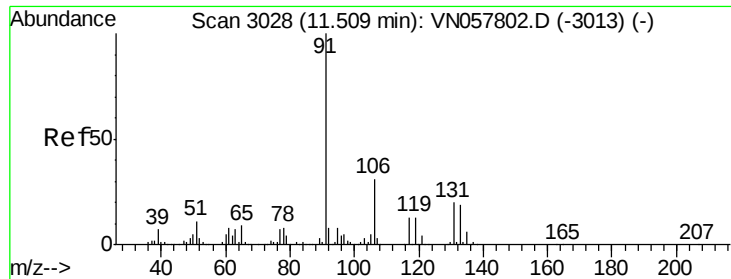
Tgt Ion:117 Resp: 407952
Ion Ratio Lower Upper
117 100
82 58.0 47.2 70.8
119 31.7 25.3 37.9



#64
Tetrachloroethene
Concen: 5.095 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058013.D
Acq: 13 Sep 2019 13:08

Tgt Ion:164 Resp: 15346
Ion Ratio Lower Upper
164 100
166 127.3 102.2 153.2
129 99.7 80.8 121.2
131 111.9 77.4 116.2

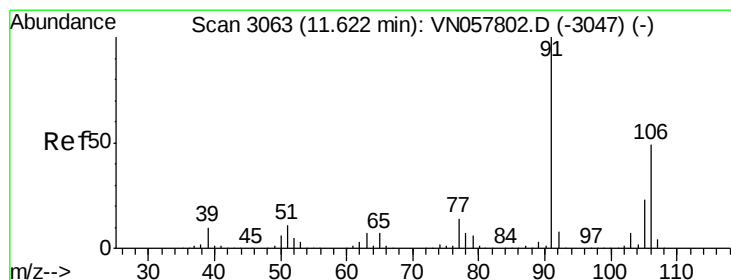
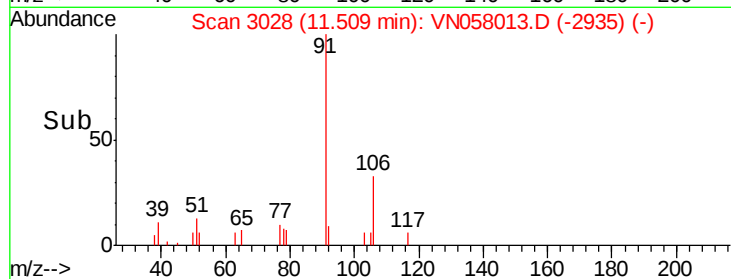
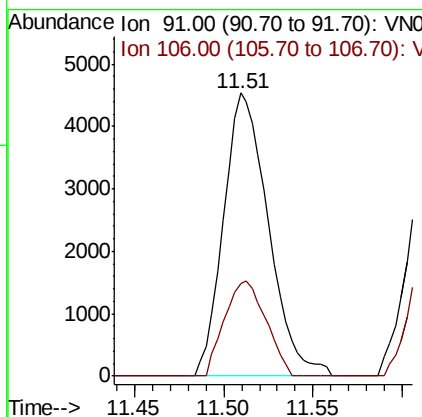
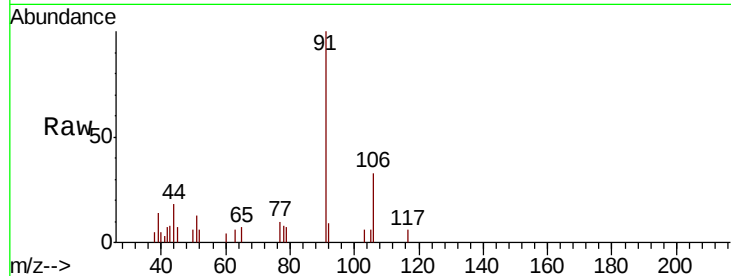




#67
Ethyl Benzene
Concen: 0.424 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058013.D
Acq: 13 Sep 2019 13:08

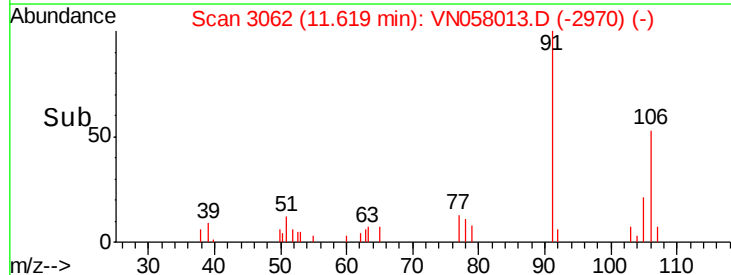
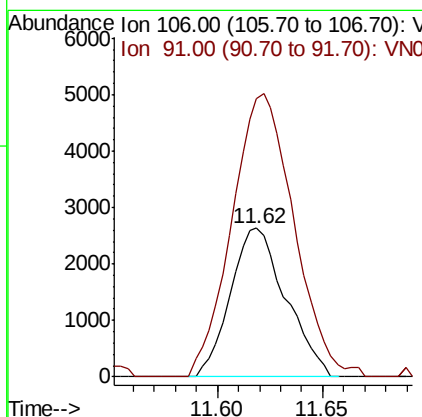
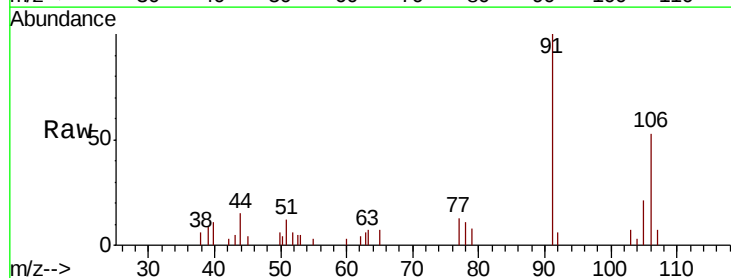
Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200A-B4-091119

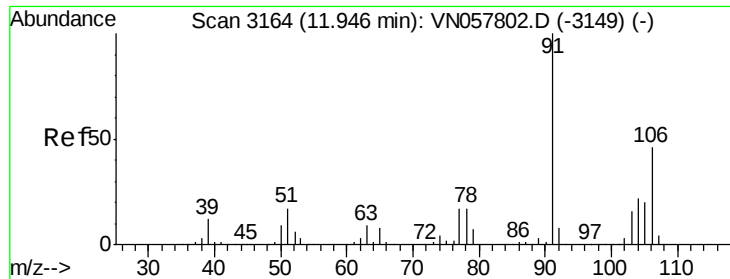
Tgt Ion: 91 Resp: 7933
Ion Ratio Lower Upper
91 100
106 32.8 24.4 36.6



#68
m/p-Xylenes
Concen: 0.699 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058013.D
Acq: 13 Sep 2019 13:08

Tgt Ion: 106 Resp: 4792
Ion Ratio Lower Upper
106 100
91 213.9 165.8 248.6

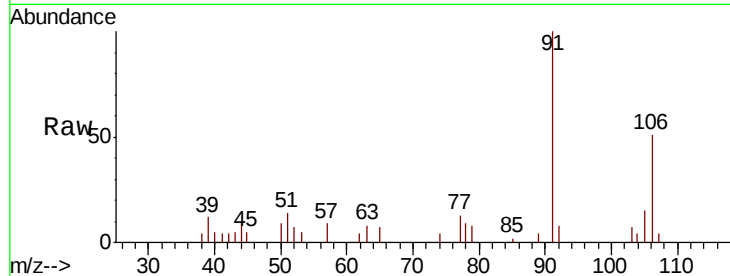




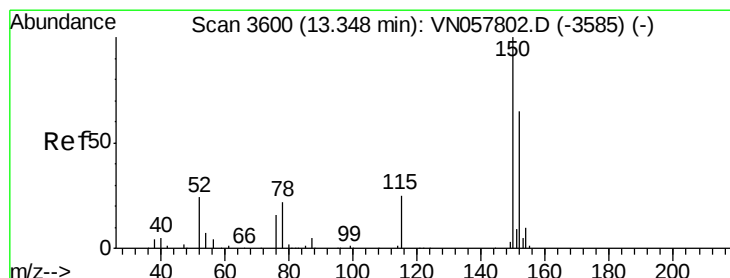
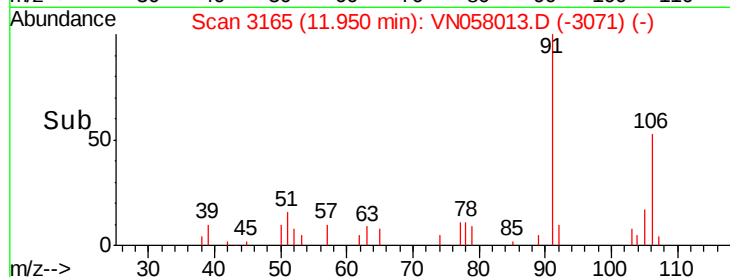
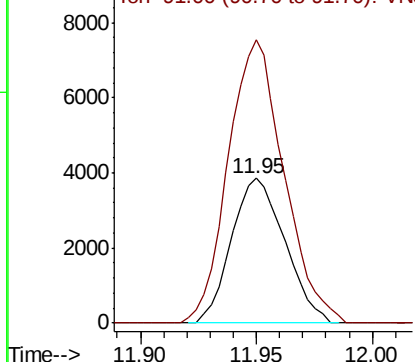
#69
o-Xylene
Concen: 0.904 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058013.D
Acq: 13 Sep 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200A-B4-091119

Tgt Ion:106 Resp: 6160
Ion Ratio Lower Upper
106 100
91 204.5 108.7 326.1

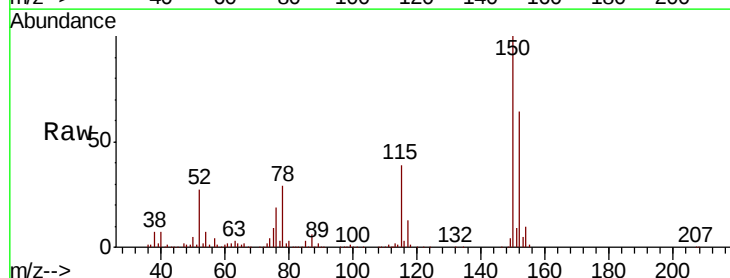


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

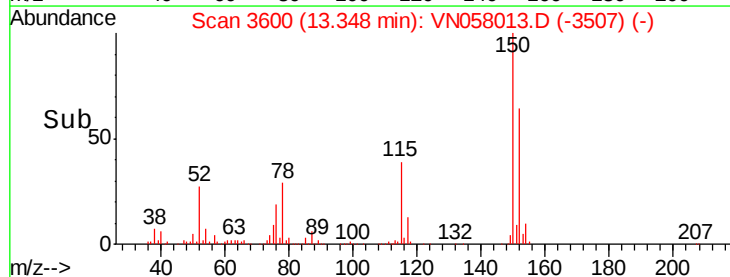
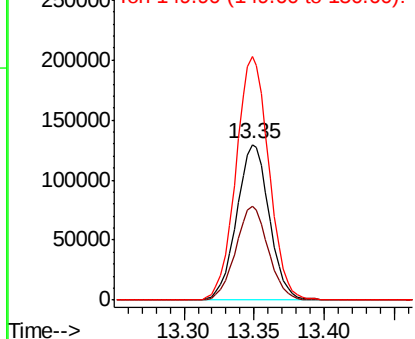


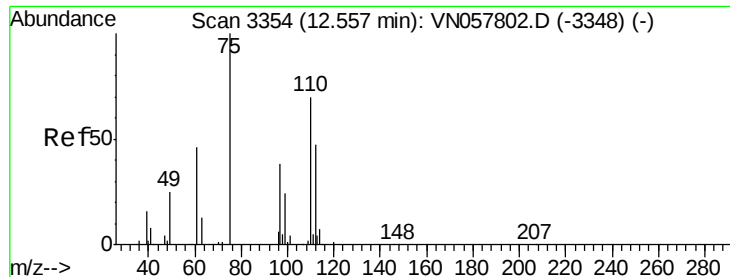
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058013.D
Acq: 13 Sep 2019 13:08

Tgt Ion:152 Resp: 210483
Ion Ratio Lower Upper
152 100
115 59.9 30.3 91.0
150 157.7 0.0 352.4



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





#76

1,2,3-Trichloropropane

Concen: 32.911 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058013.D

Acq: 13 Sep 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

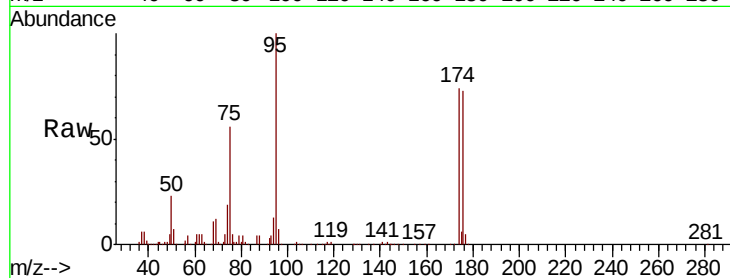
IDW-GW200A-B4-091119

Tgt Ion: 75 Resp: 156706

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.40

100000

80000

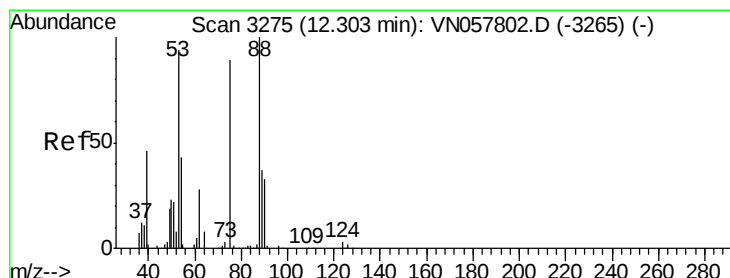
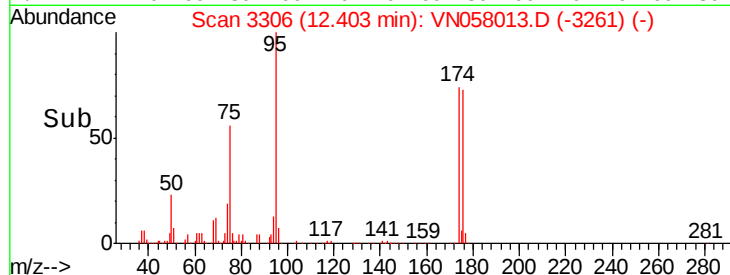
60000

40000

20000

0

Time--> 12.30 12.40 12.50



#81

trans-1,4-Dichloro-2-butene

Concen: 115.815 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058013.D

Acq: 13 Sep 2019 13:08

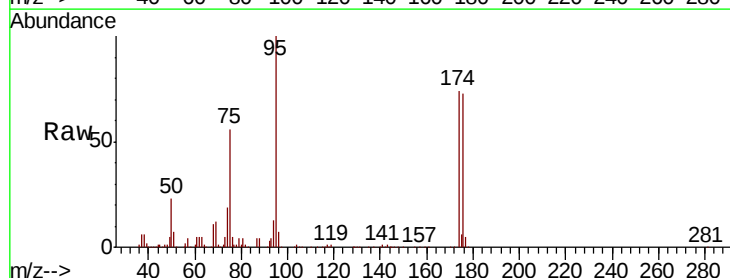
Tgt Ion: 75 Resp: 156706

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 35.3 52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

12.40

120000

100000

80000

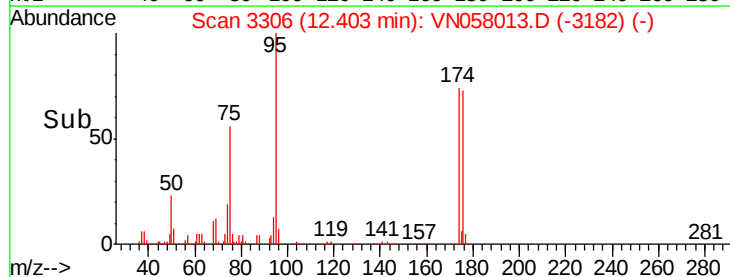
60000

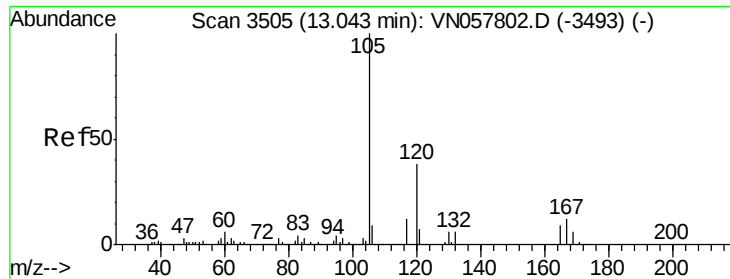
40000

20000

0

Time--> 12.30 12.40 12.50





#84

1,2,4-Trimethylbenzene

Concen: 0.267 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN058013.D

Acq: 13 Sep 2019 13:08

Instrument :

MSVOA_N

ClientSampleId :

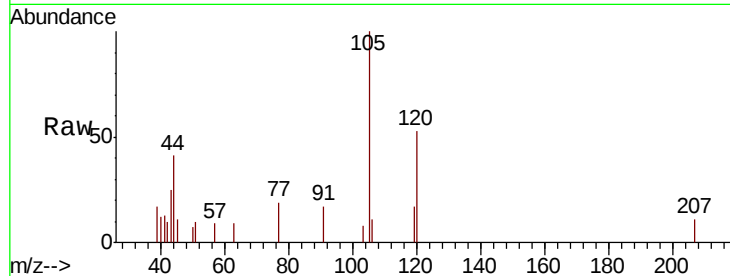
IDW-GW200A-B4-091119

Tgt Ion:105 Resp: 3744

Ion Ratio Lower Upper

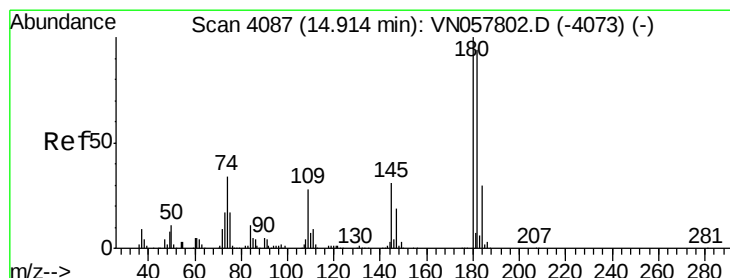
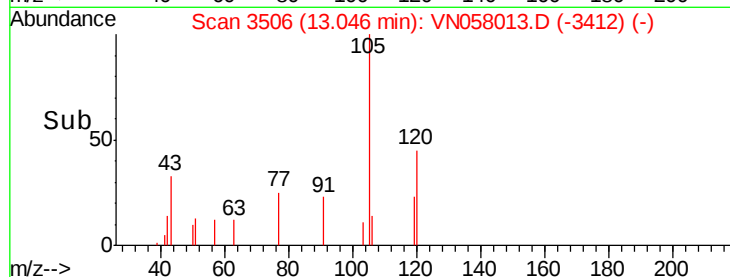
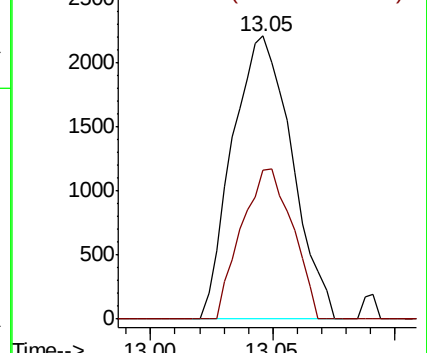
105 100

120 45.5 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#93

1,2,4-Trichlorobenzene

Concen: 0.239 ug/l

RT: 14.92 min Scan# 4088

Delta R.T. 0.00 min

Lab File: VN058013.D

Acq: 13 Sep 2019 13:08

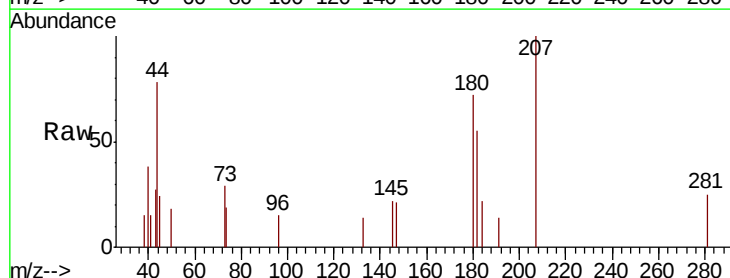
Tgt Ion:180 Resp: 1165

Ion Ratio Lower Upper

180 100

182 110.3 46.9 140.8

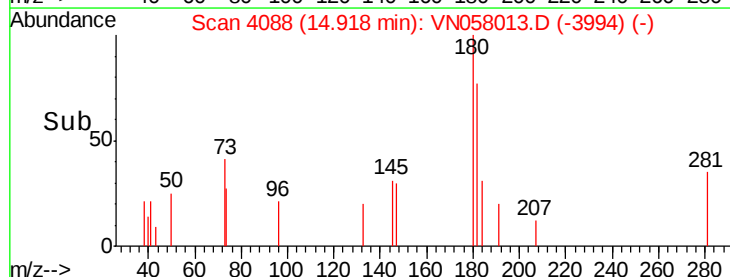
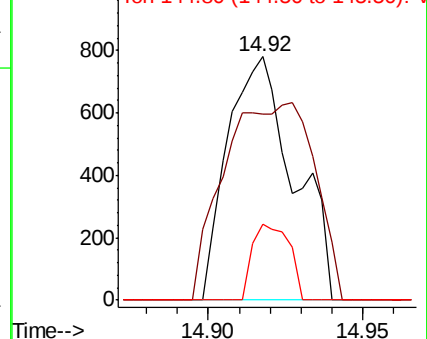
145 17.3 14.9 44.7

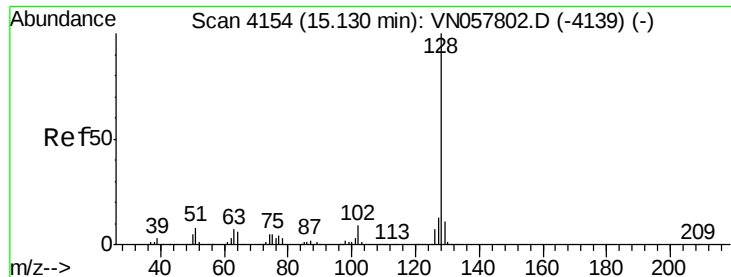


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

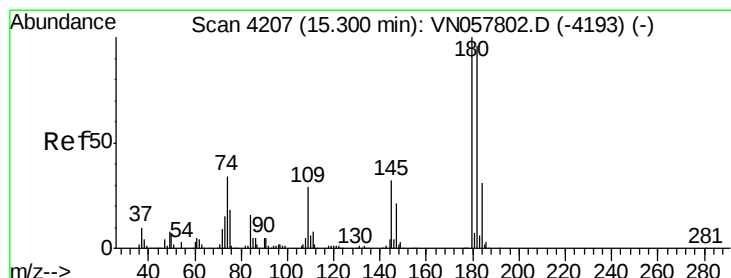
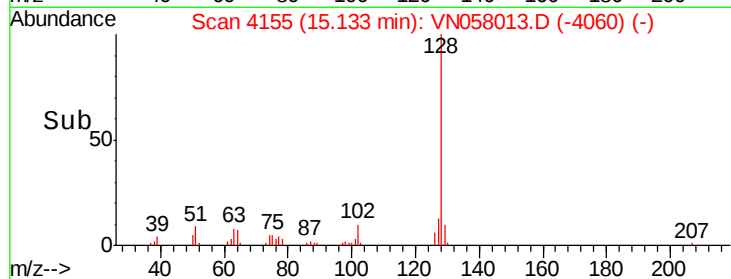
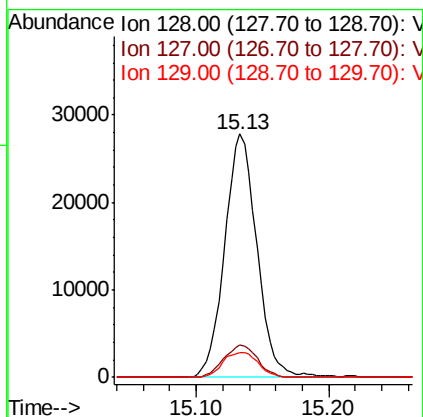
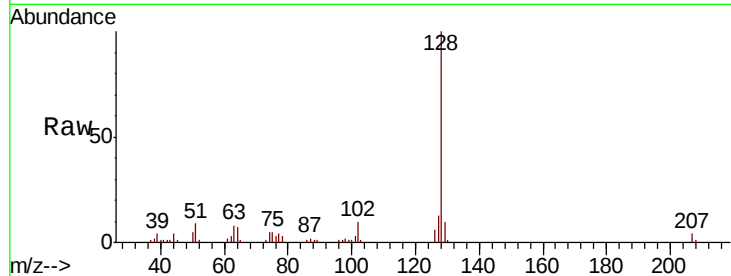




#95
Naphthalene
Concen: 2.313 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058013.D
Acq: 13 Sep 2019 13:08

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW200A-B4-091119

Tgt Ion:128 Resp: 46969
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 11.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 1.289 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN058013.D
Acq: 13 Sep 2019 13:08

Tgt Ion:180 Resp: 1265
Ion Ratio Lower Upper
180 100
182 97.0 48.3 144.8
145 22.2 16.3 48.8

