

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091419\
 Data File : VN058012.D
 Acq On : 13 Sep 2019 12:46
 Operator : JC/SP
 Sample : K4859-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW800-091119

Quant Time: Sep 14 02:18:13 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	260906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	449534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	405589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	221440	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	310066	58.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.36%	
35) Dibromofluoromethane	7.65	113	367	0.09	ug/l	0.07
Spiked Amount	50.000		Recovery	=	0.18%	
50) Toluene-d8	10.09	98	794482	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.41	95	276063	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	

Target Compounds

					Qvalue	
3) Chloromethane	2.04	50	1451	0.395	ug/l	96
5) Bromomethane	2.56	94	444	Below Cal		97
11) Tert butyl alcohol	4.78	59	745	1.165	ug/l #	94
16) Acetone	3.80	43	91856	53.024	ug/l	97
17) Carbon Disulfide	4.03	76	2138	0.651	ug/l #	75
18) Methyl Acetate	4.31	43	2155	0.467	ug/l #	84
20) Methylene Chloride	4.53	84	251	Below Cal	#	1
25) 2-Butanone	6.82	43	14488	5.778	ug/l #	82
30) Chloroform	7.36	83	68838	9.448	ug/l	99
31) Cyclohexane	7.65	56	7175	Below Cal	#	19
36) 1,1-Dichloropropene	7.65	75	22555	4.326	ug/l #	49
37) Ethyl Acetate	6.82	43	14488	2.690	ug/l #	74
38) Carbon Tetrachloride	7.65	117	26381	5.542	ug/l #	16
40) Benzene	8.04	78	4196	0.267	ug/l	93
43) Isopropyl Acetate	8.21	43	20477	2.261	ug/l #	56
44) Trichloroethene	8.83	130	1286	0.334	ug/l	81
48) Methyl methacrylate	9.16	41	2663	0.580	ug/l #	33
51) 4-Methyl-2-Pentanone	9.98	43	10789	2.013	ug/l	96
52) Toluene	10.15	92	6489	0.656	ug/l	92
59) 2-Hexanone	10.76	43	3778	0.940	ug/l	100
60) Dibromochloromethane	10.63	129	9073	2.333	ug/l #	11
64) Tetrachloroethene	10.63	164	9475	3.164	ug/l	96
67) Ethyl Benzene	11.52	91	6394	0.344	ug/l	99
68) m/p-Xylenes	11.62	106	3978	0.584	ug/l	85
69) o-Xylene	11.95	106	9078	1.340	ug/l	99
71) Bromoform	12.40	173	1269	0.553	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	151032	30.150	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	151032	106.098	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.05	105	3589	0.243	ug/l	100
89) n-Butylbenzene	13.62	91	3409	0.240	ug/l	88
91) 1,2-Dichlorobenzene	13.66	146	1576	0.201	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.28	75	297	0.311	ug/l #	21
93) 1,2,4-Trichlorobenzene	14.92	180	3686	0.718	ug/l	92
94) Hexachlorobutadiene	15.01	225	848	0.390	ug/l #	55

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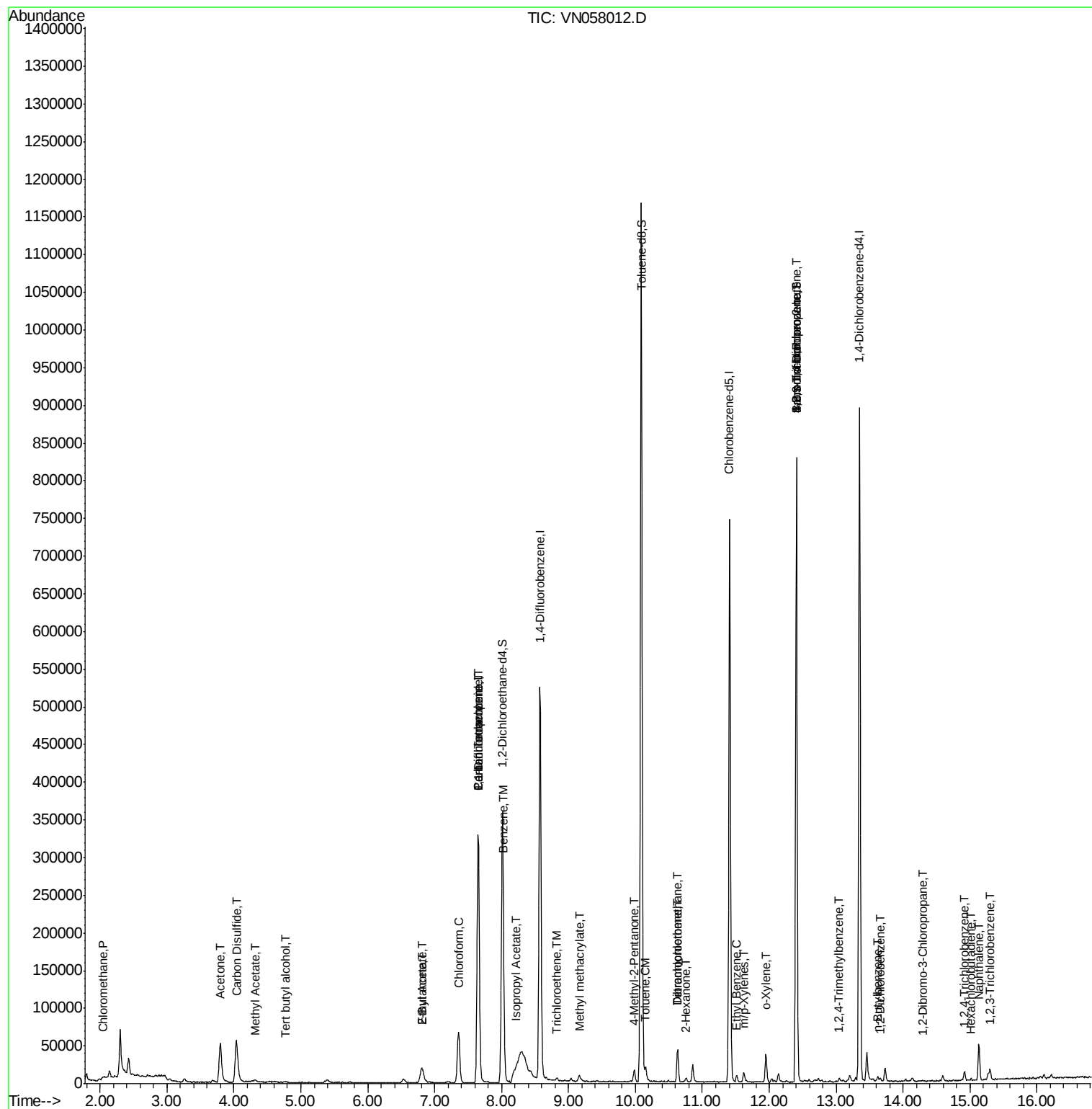
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	37642	1.376	ug/l	97
96) 1,2,3-Trichlorobenzene	15.30	180	4207	1.918	ug/l	90

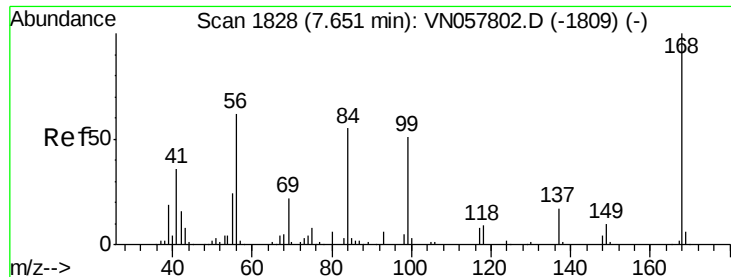
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058012.D

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Instrument :

MSVOA_N

ClientSampleId :

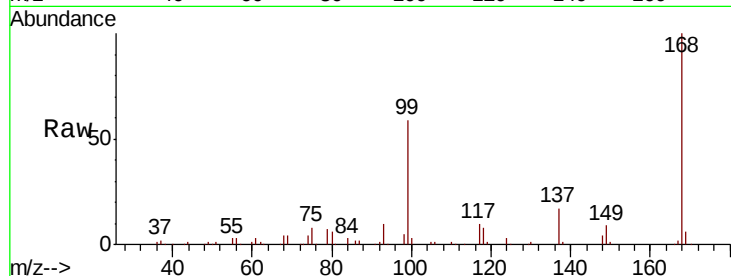
IDW-GW800-091119

Tgt Ion: 168 Resp: 260906

Ion Ratio Lower Upper

168 100

99 59.5 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

120000

100000

80000

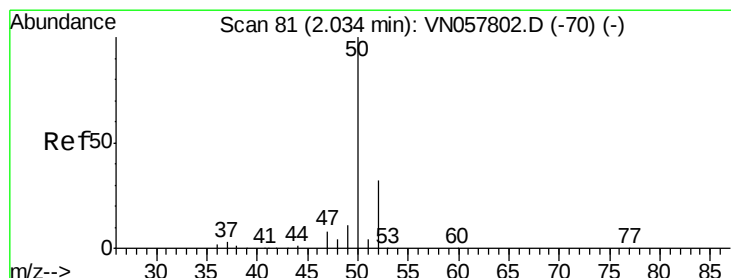
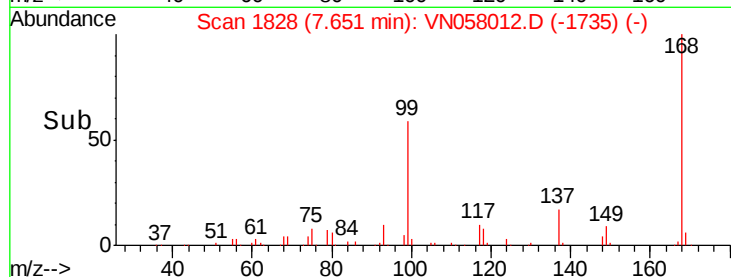
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.395 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058012.D

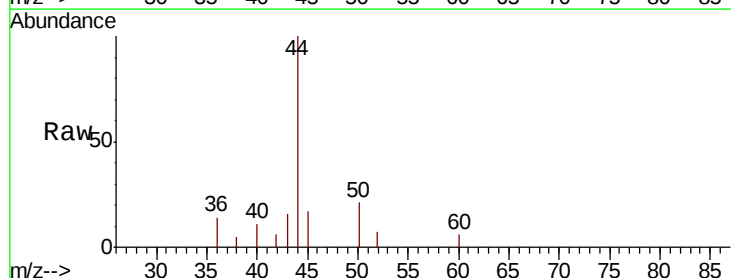
Acq: 13 Sep 2019 12:46

Tgt Ion: 50 Resp: 1451

Ion Ratio Lower Upper

50 100

52 34.2 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

1000

800

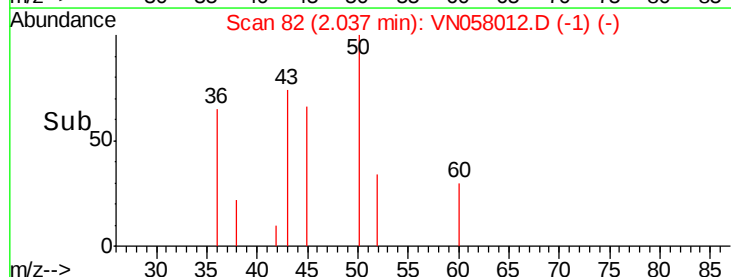
600

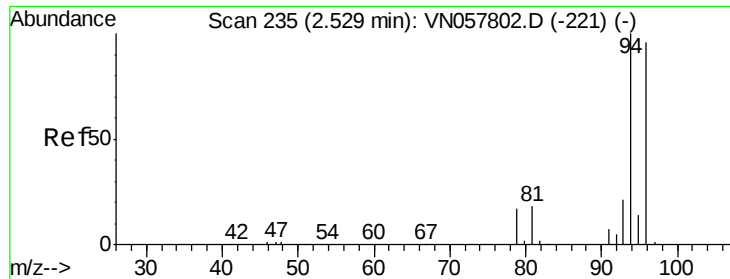
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 244

Delta R.T. 0.03 min

Lab File: VN058012.D

Acq: 13 Sep 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

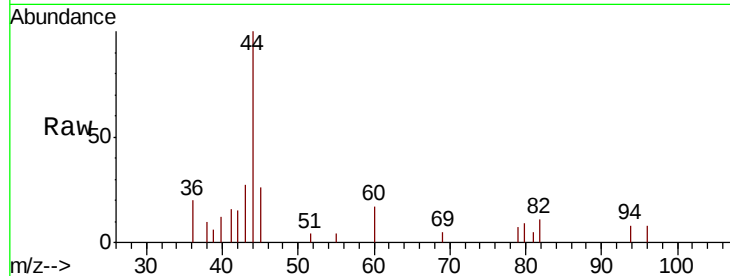
IDW-GW800-091119

Tgt Ion: 94 Resp: 444

Ion Ratio Lower Upper

94 100

96 93.6 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.56

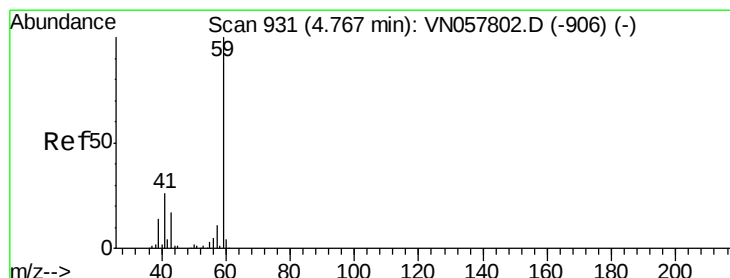
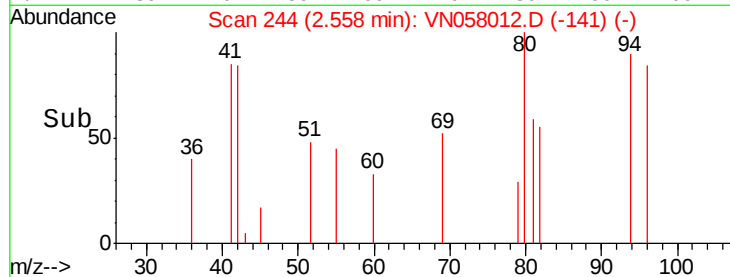
300

200

100

0

Time-->



#11

Tert butyl alcohol

Concen: 1.165 ug/l

RT: 4.78 min Scan# 934

Delta R.T. 0.01 min

Lab File: VN058012.D

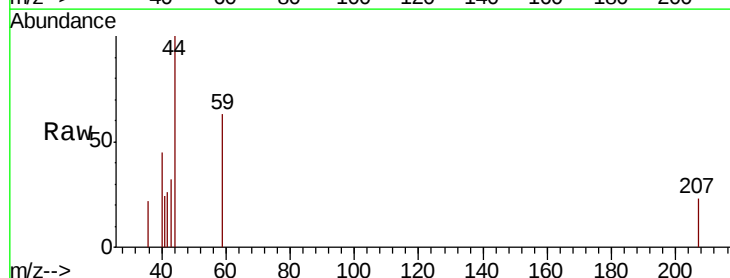
Acq: 13 Sep 2019 12:46

Tgt Ion: 59 Resp: 745

Ion Ratio Lower Upper

59 100

57 8.3 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

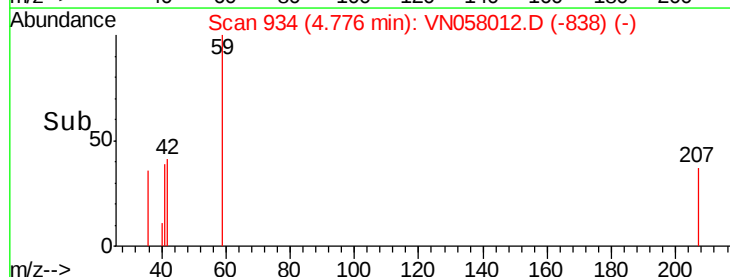
600

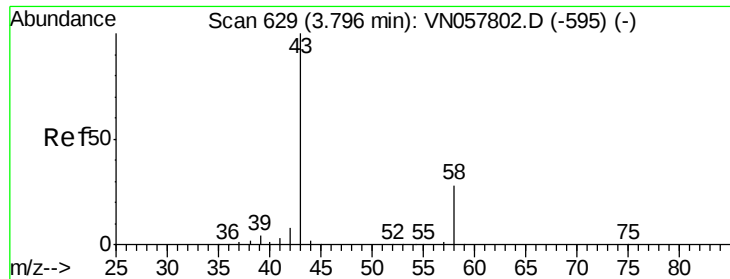
400

200

0

Time-->





#16

Acetone

Concen: 53.024 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058012.D

Acq: 13 Sep 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

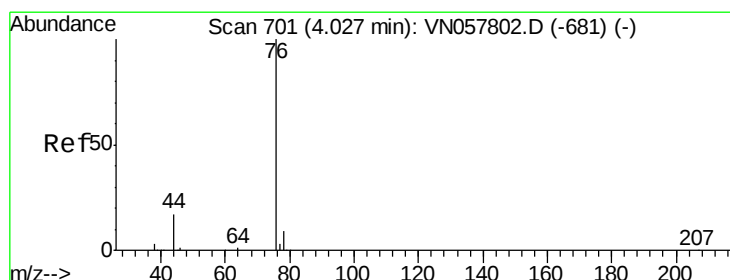
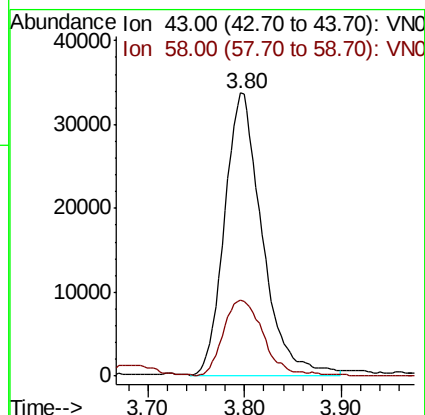
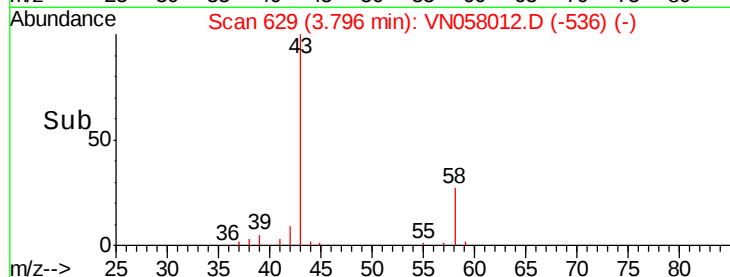
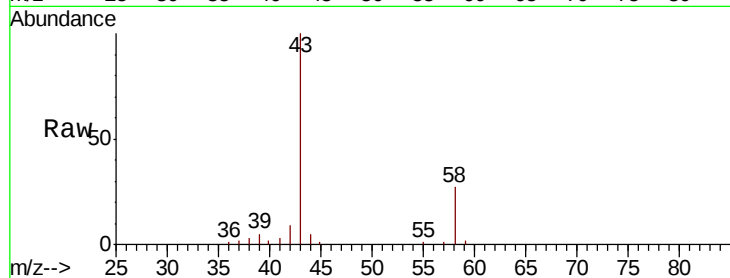
IDW-GW800-091119

Tgt Ion: 43 Resp: 91856

Ion Ratio Lower Upper

43 100

58 26.3 22.2 33.2



#17

Carbon Disulfide

Concen: 0.651 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN058012.D

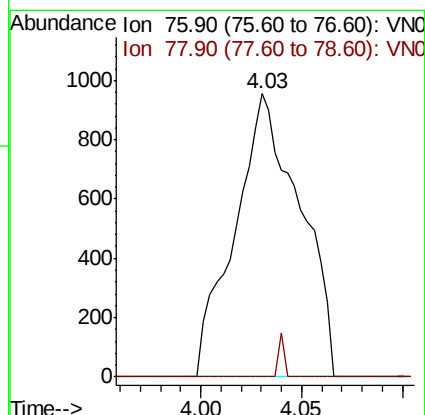
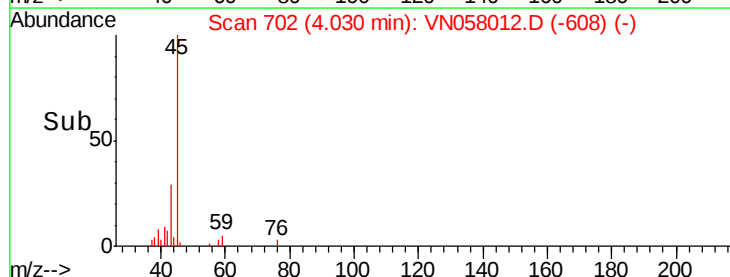
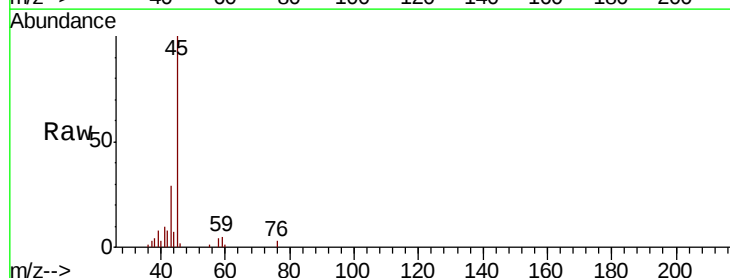
Acq: 13 Sep 2019 12:46

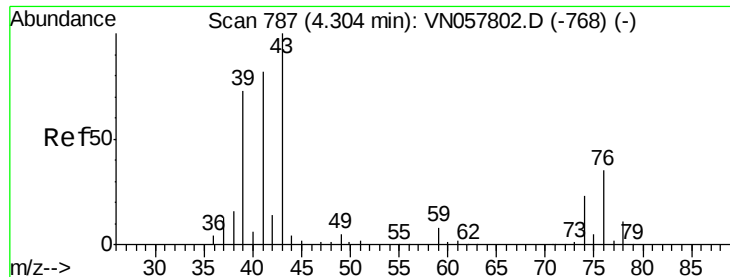
Tgt Ion: 76 Resp: 2138

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#

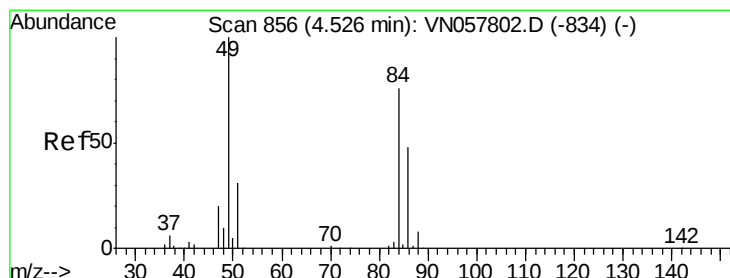
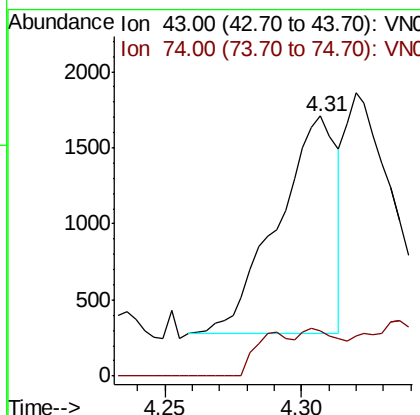
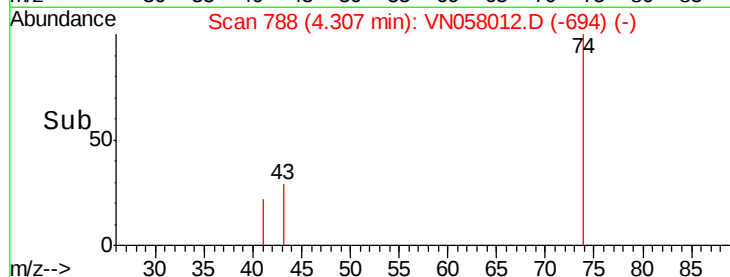
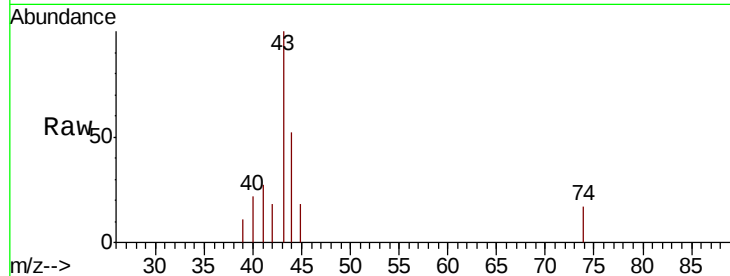




#18
Methyl Acetate
Concen: 0.467 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

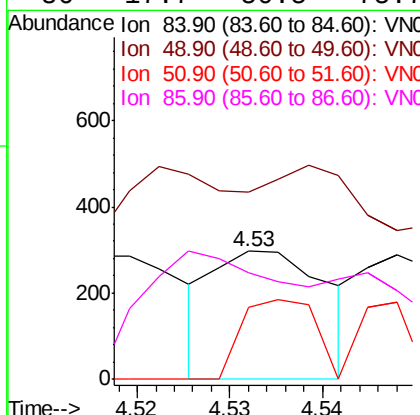
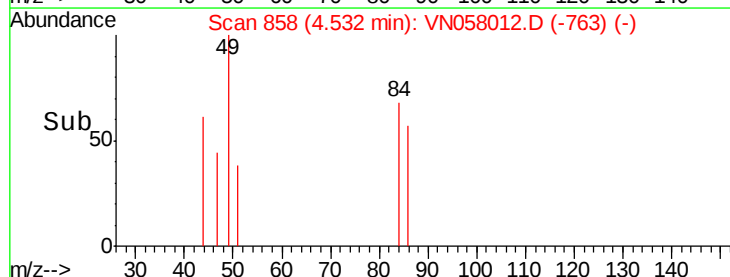
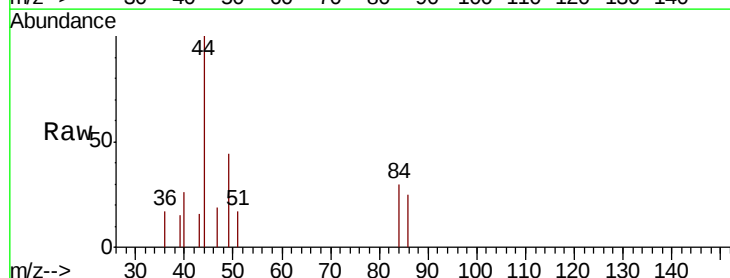
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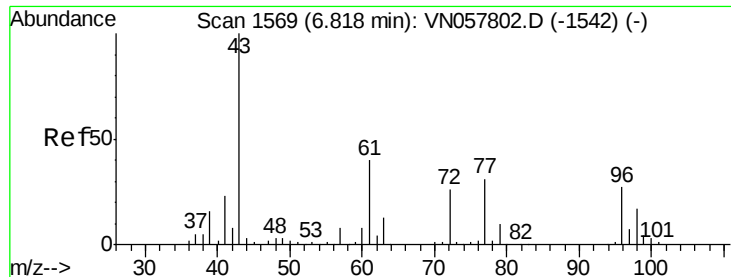
Tgt Ion: 43 Resp: 2155
Ion Ratio Lower Upper
43 100
74 14.7 17.9 26.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Tgt Ion: 84 Resp: 251
Ion Ratio Lower Upper
84 100
49 0.0 104.8 157.2#
51 210.1 33.0 49.4#
86 17.7 50.5 75.7#





#25

2-Butanone

Concen: 5.778 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN058012.D

Acq: 13 Sep 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

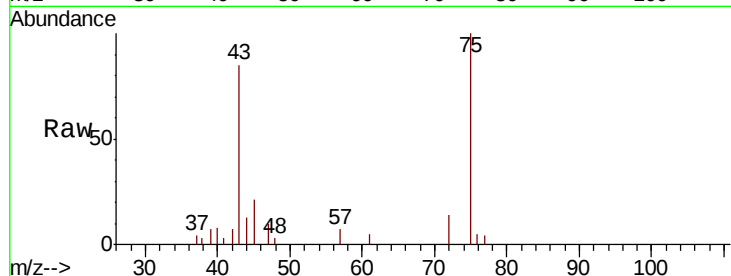
IDW-GW800-091119

Tgt Ion: 43 Resp: 14488

Ion Ratio Lower Upper

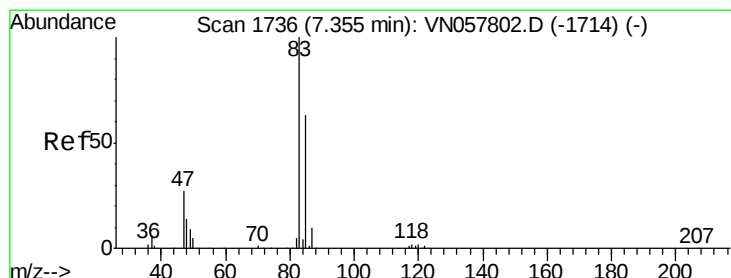
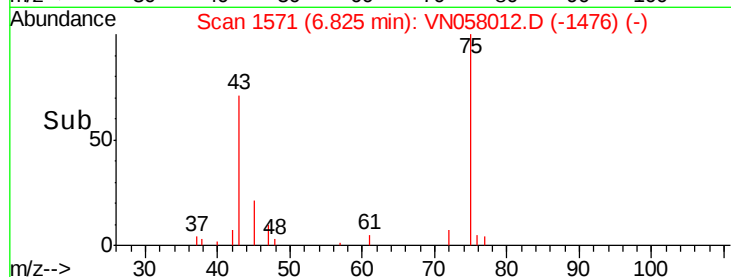
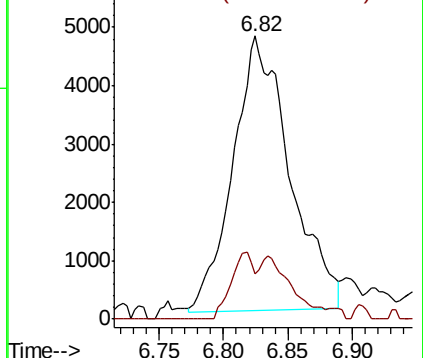
43 100

72 16.7 20.6 30.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#30

Chloroform

Concen: 9.448 ug/l

RT: 7.36 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VN058012.D

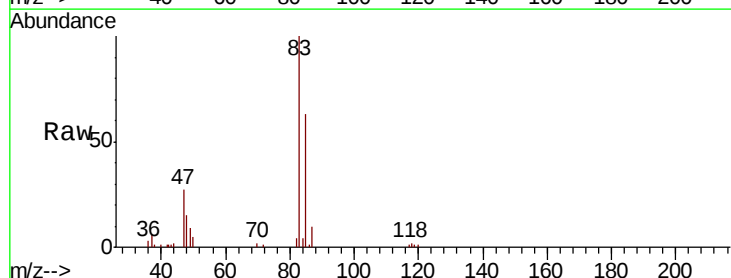
Acq: 13 Sep 2019 12:46

Tgt Ion: 83 Resp: 68838

Ion Ratio Lower Upper

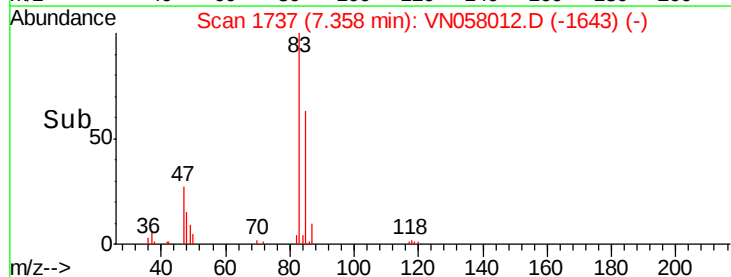
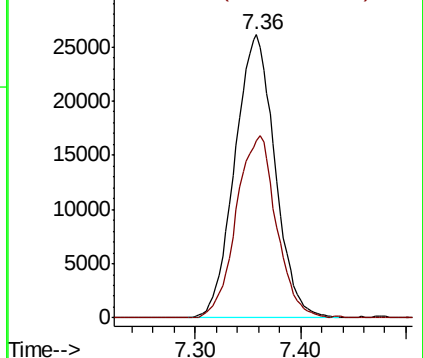
83 100

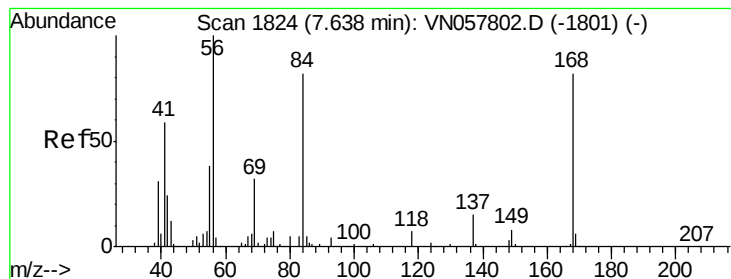
85 62.6 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: Below Cal

RT: 7.65 min Scan# 1828

Delta R.T. 0.01 min

Lab File: VN058012.D

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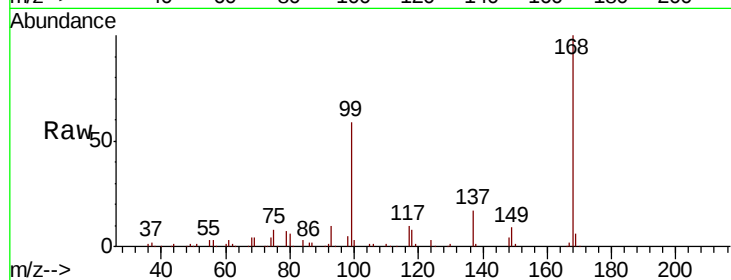
Tgt Ion: 56 Resp: 7175

Ion Ratio Lower Upper

56 100

69 159.8 25.9 38.9#

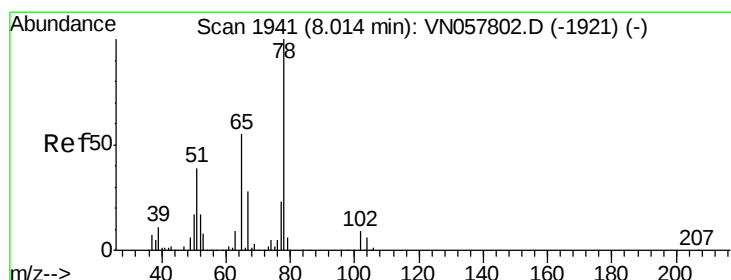
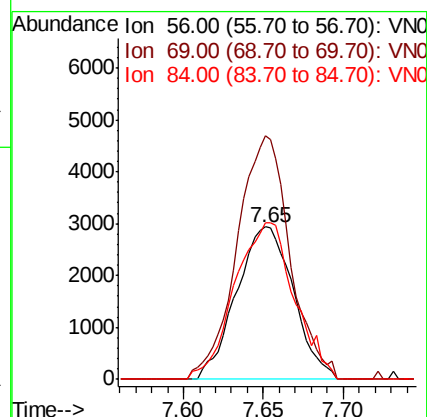
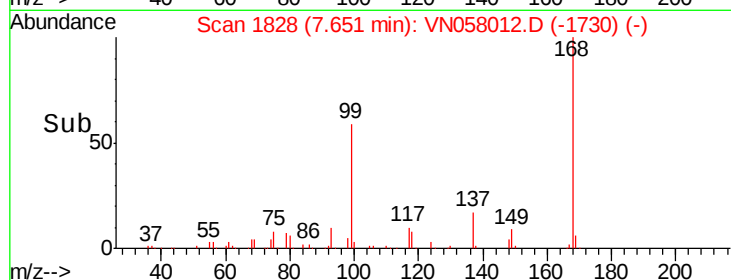
84 103.1 65.6 98.4#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 58.675 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058012.D

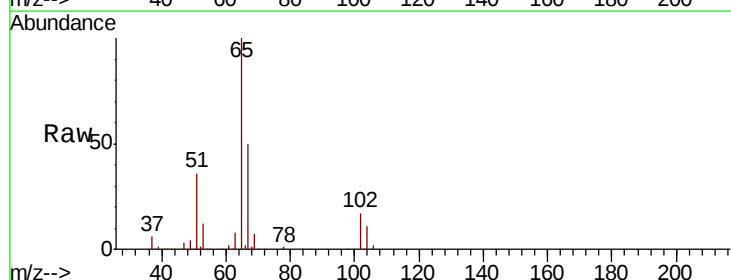
Acq: 13 Sep 2019 12:46

Tgt Ion: 65 Resp: 310066

Ion Ratio Lower Upper

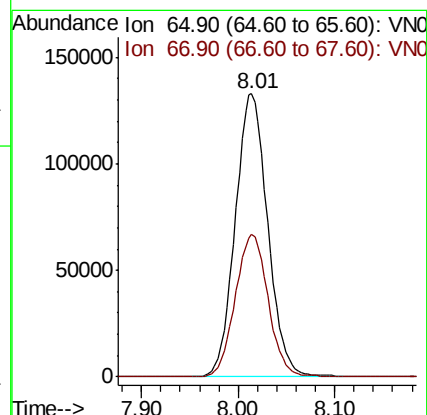
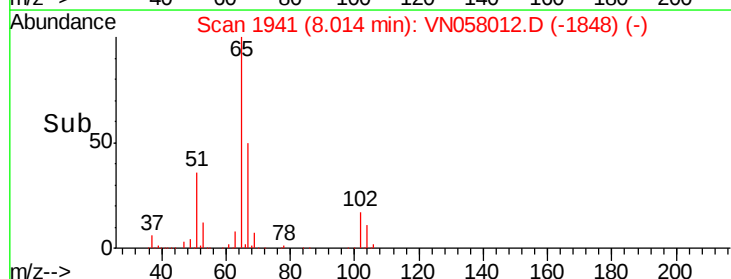
65 100

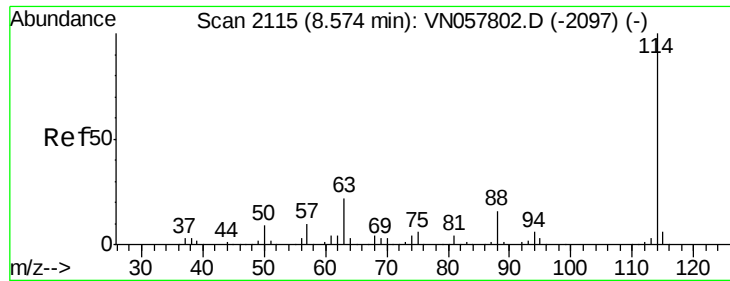
67 50.9 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

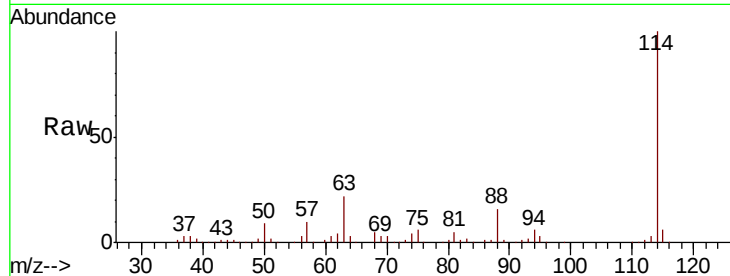




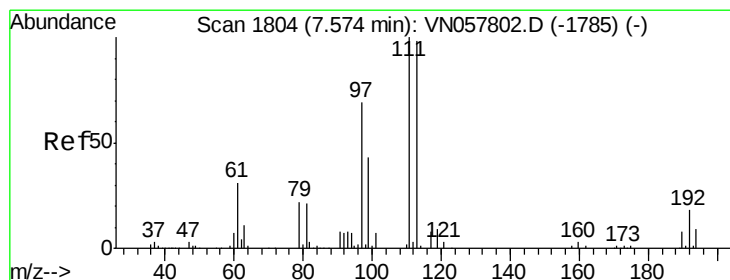
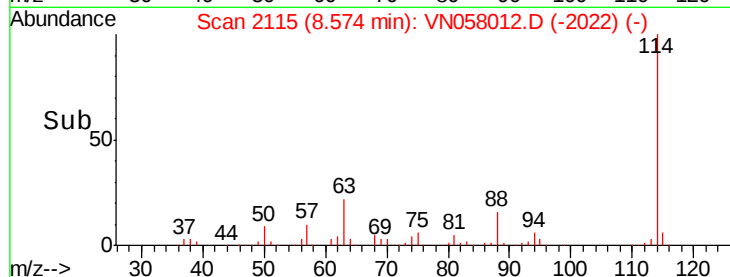
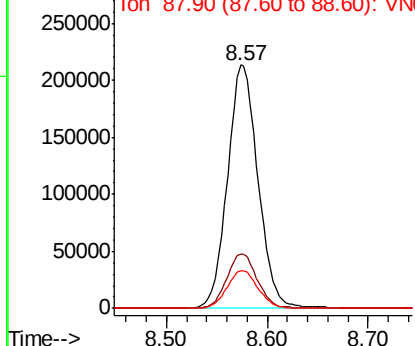
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058012.D
 Acq: 13 Sep 2019 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW800-091119

Tgt Ion:114 Resp: 449534
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 44.0
 88 15.7 0.0 31.4

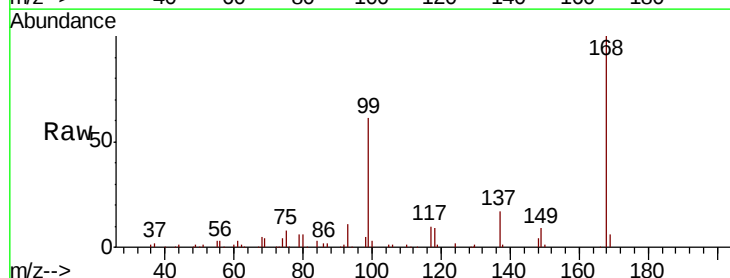


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 87.90 (87.60 to 88.60): VNO

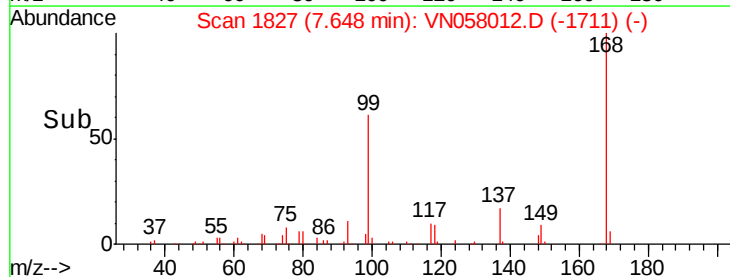
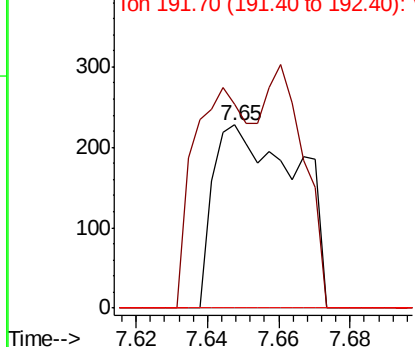


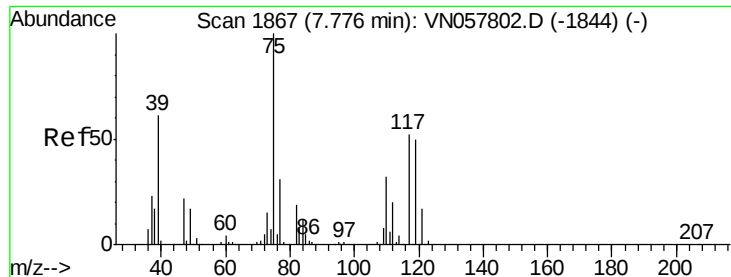
#35
 Dibromofluoromethane
 Concen: 0.088 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. 0.07 min
 Lab File: VN058012.D
 Acq: 13 Sep 2019 12:46

Tgt Ion:113 Resp: 367
 Ion Ratio Lower Upper
 113 100
 111 75.2 81.3 121.9#
 192 0.0 14.6 22.0#



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.326 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.12 min

Lab File: VN058012.D

Acq: 13 Sep 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW800-091119

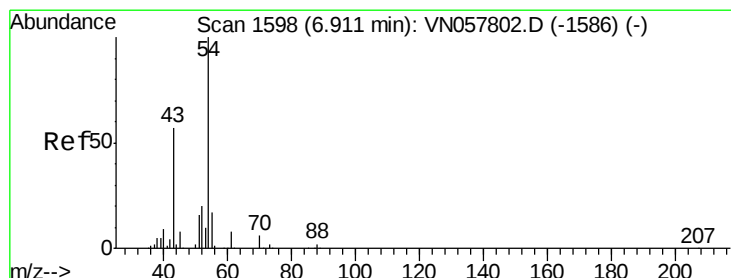
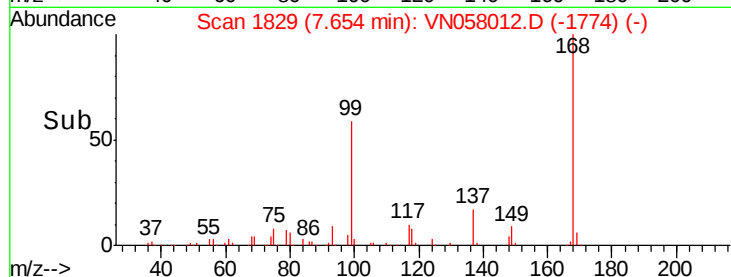
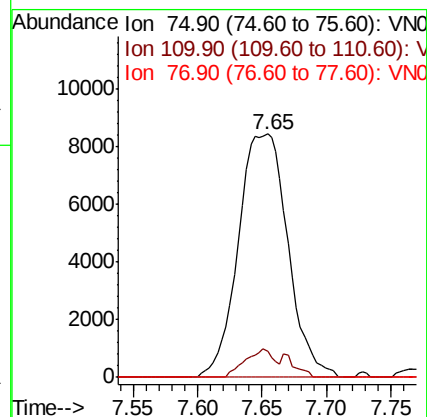
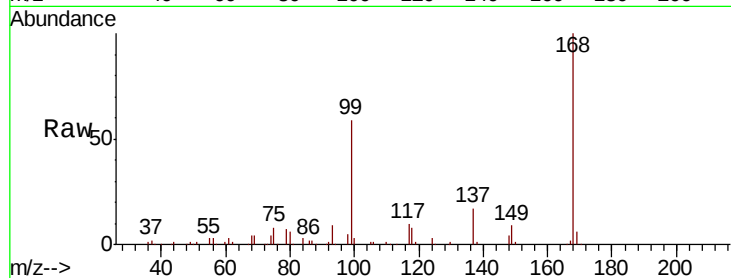
Tgt Ion: 75 Resp: 22555

Ion Ratio Lower Upper

75 100

110 6.8 16.3 48.9#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 2.690 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.09 min

Lab File: VN058012.D

Acq: 13 Sep 2019 12:46

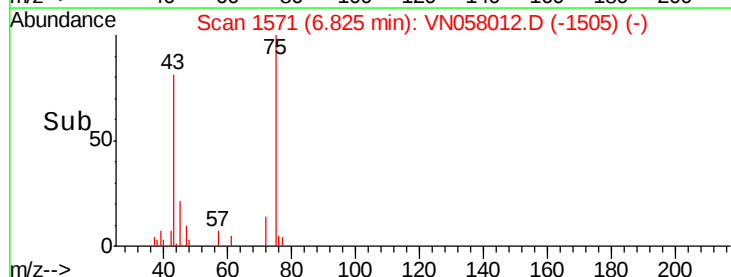
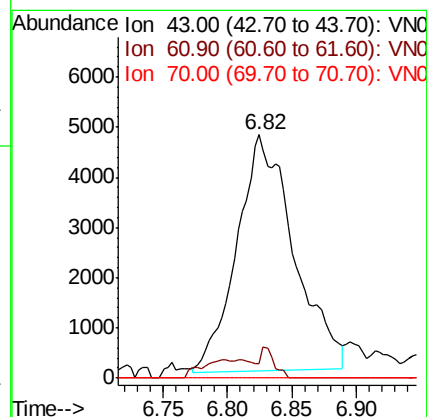
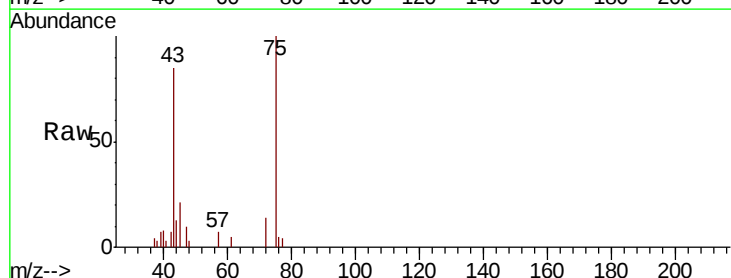
Tgt Ion: 43 Resp: 14488

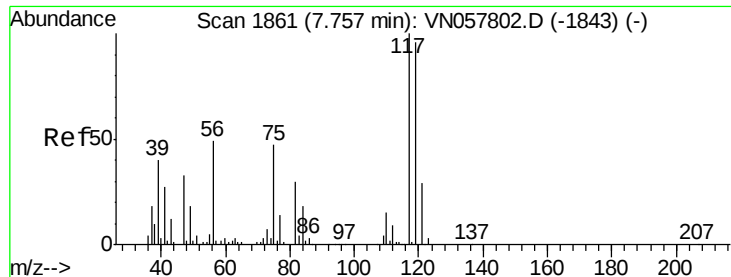
Ion Ratio Lower Upper

43 100

61 2.8 10.5 15.7#

70 0.0 7.4 11.0#

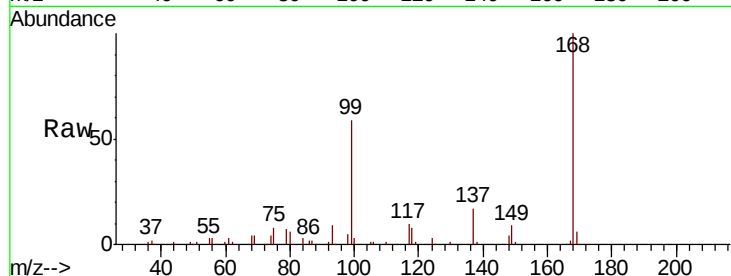




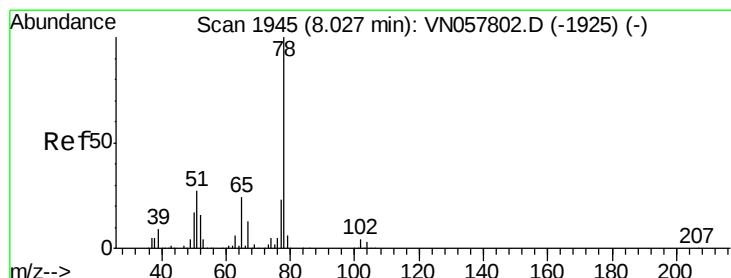
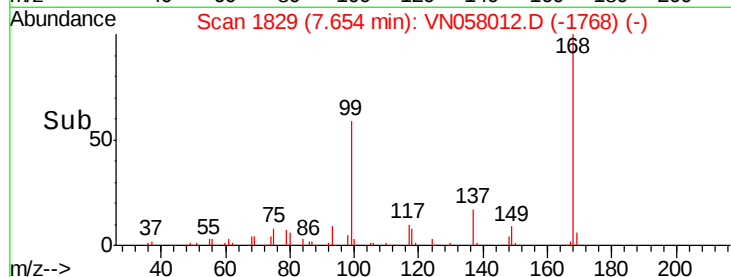
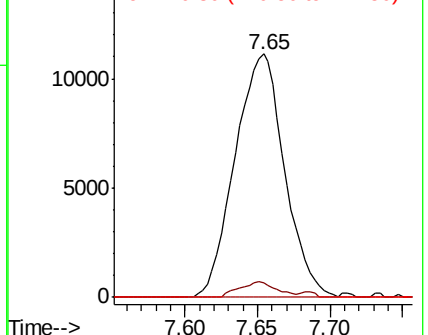
#38
Carbon Tetrachloride
Concen: 5.542 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.10 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW800-091119

Tgt Ion:117 Resp: 26381
Ion Ratio Lower Upper
117 100
119 5.7 76.9 115.3#
121 0.0 23.4 35.2#

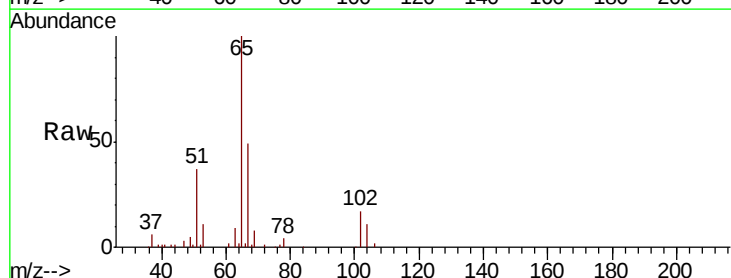


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

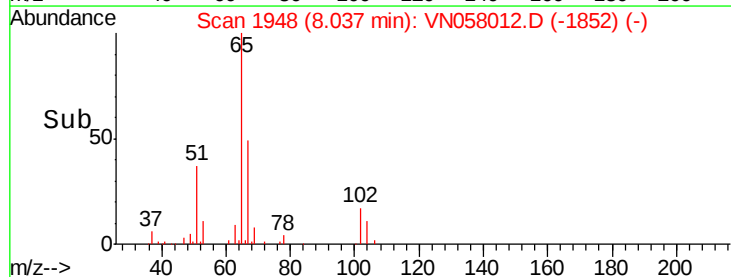
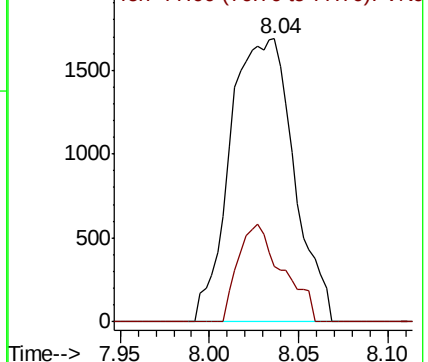


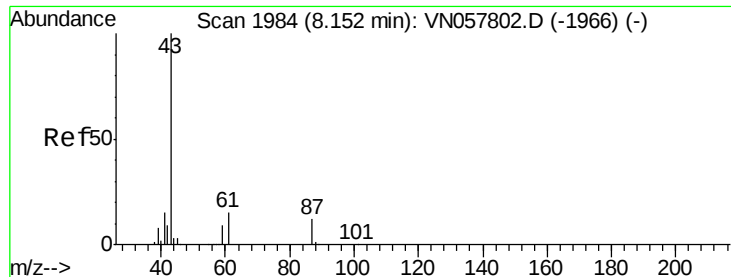
#40
Benzene
Concen: 0.267 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. 0.01 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Tgt Ion: 78 Resp: 4196
Ion Ratio Lower Upper
78 100
77 19.5 18.3 27.5



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





#43

Isopropyl Acetate

Concen: 2.261 ug/l

RT: 8.21 min Scan# 2002

Delta R.T. 0.06 min

Lab File: VN058012.D

Acq: 13 Sep 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW800-091119

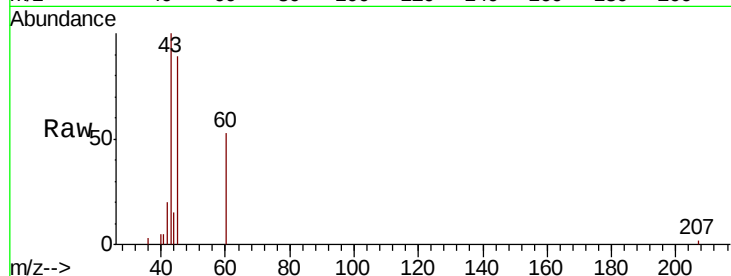
Tgt Ion: 43 Resp: 20477

Ion Ratio Lower Upper

43 100

61 0.0 20.1 30.1#

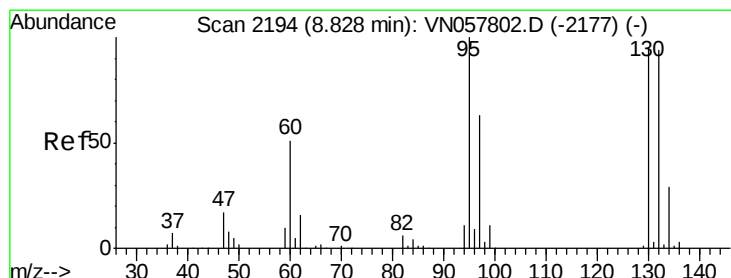
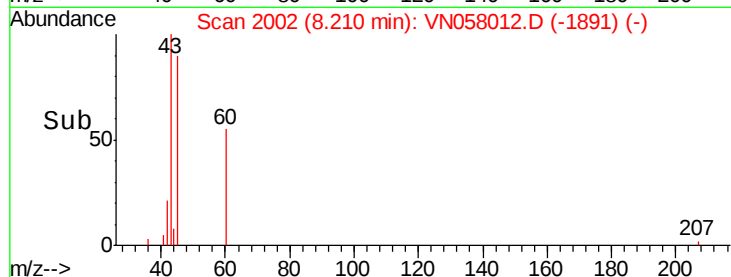
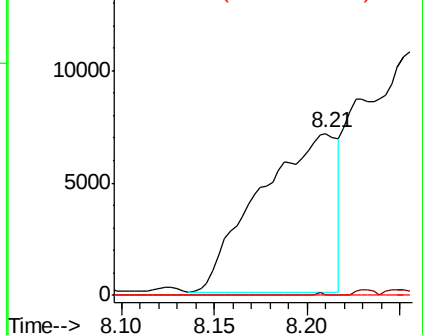
87 0.0 9.5 14.3#



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: 0.334 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN058012.D

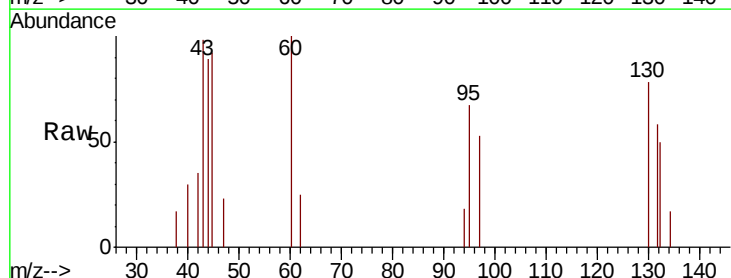
Acq: 13 Sep 2019 12:46

Tgt Ion: 130 Resp: 1286

Ion Ratio Lower Upper

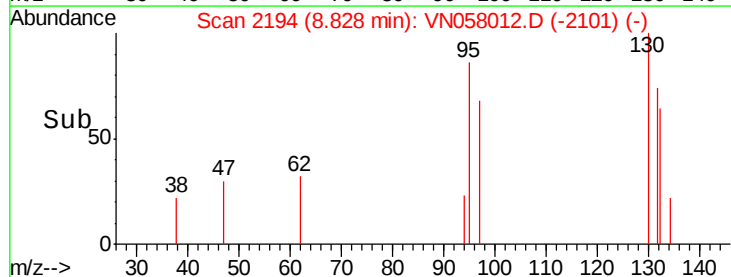
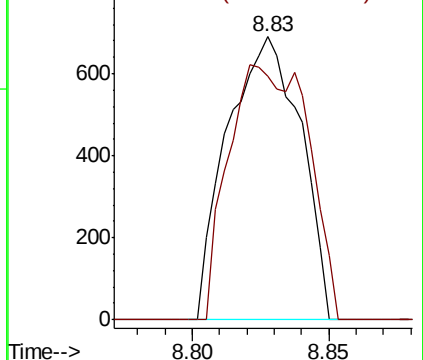
130 100

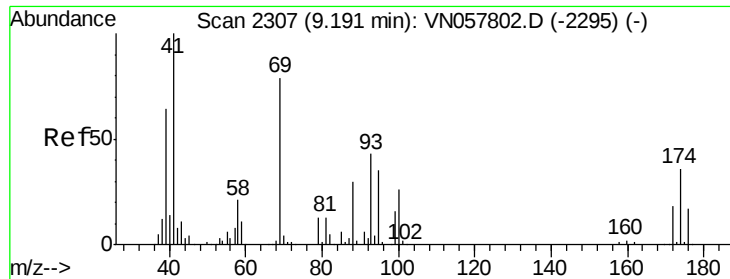
95 86.1 0.0 211.4



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

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





#48

Methyl methacrylate

Concen: 0.580 ug/l

RT: 9.16 min Scan# 2297

Delta R.T. -0.03 min

Lab File: VN058012.D

Acq: 13 Sep 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW800-091119

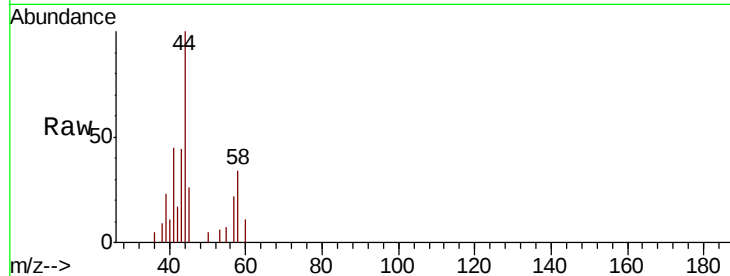
Tgt Ion: 41 Resp: 2663

Ion Ratio Lower Upper

41 100

69 0.0 62.7 94.1#

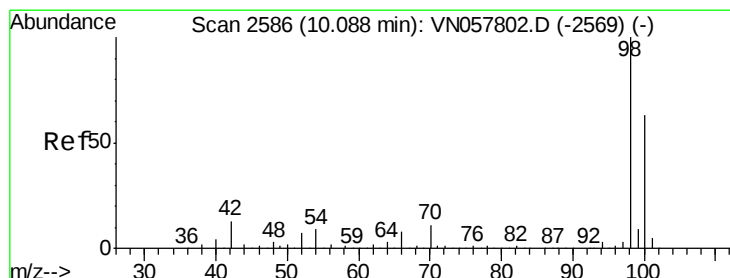
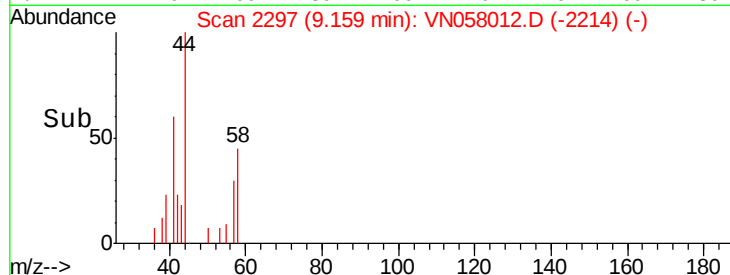
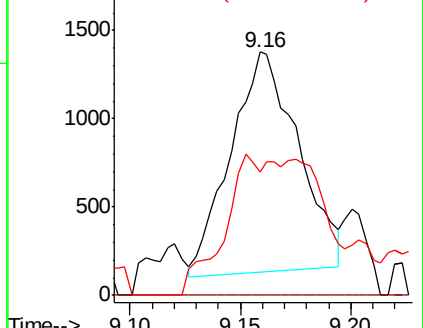
39 34.3 52.7 79.1#



Abundance Ion 41.00 (40.70 to 41.70): VN057802.D (-2295) (-)

Ion 69.00 (68.70 to 69.70): VN057802.D (-2295) (-)

Ion 39.00 (38.70 to 39.70): VN057802.D (-2295) (-)



#50

Toluene-d8

Concen: 49.320 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058012.D

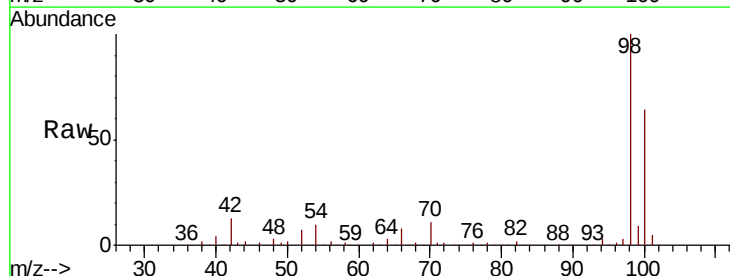
Acq: 13 Sep 2019 12:46

Tgt Ion: 98 Resp: 794482

Ion Ratio Lower Upper

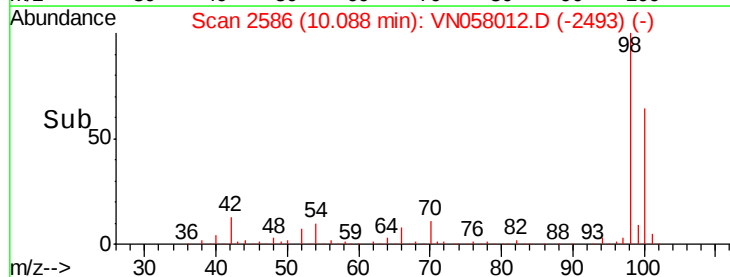
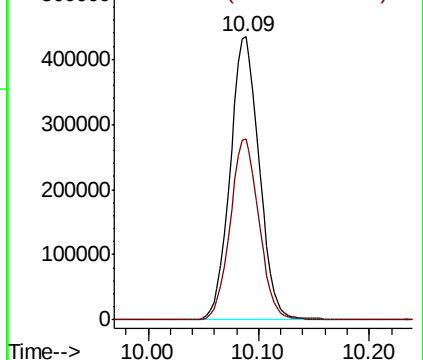
98 100

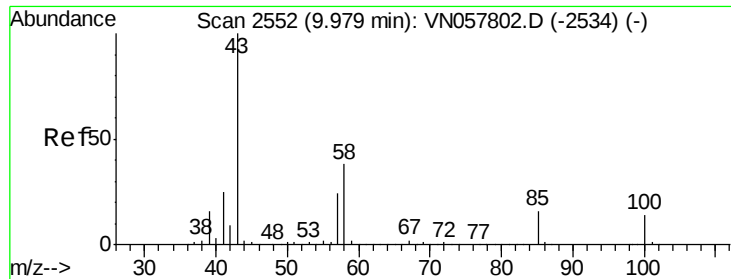
100 63.5 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057802.D (-2569) (-)





#51

4-Methyl-2-Pentanone

Concen: 2.013 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN058012.D

Acq: 13 Sep 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

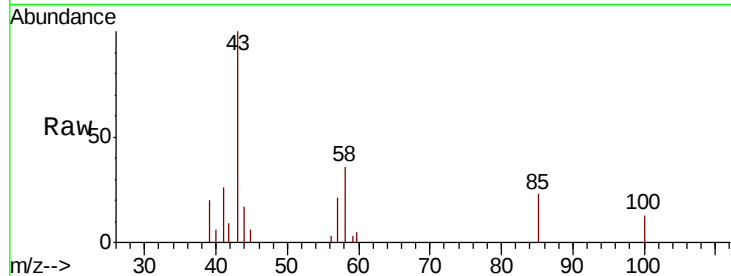
IDW-GW800-091119

Tgt Ion: 43 Resp: 10789

Ion Ratio Lower Upper

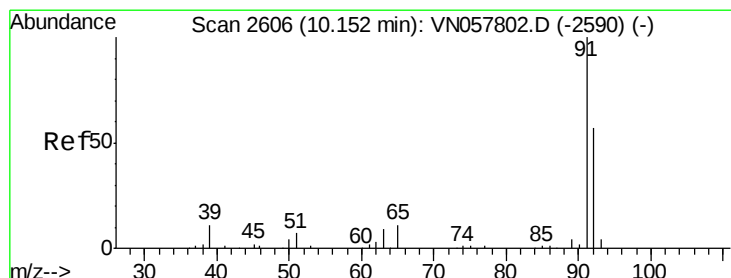
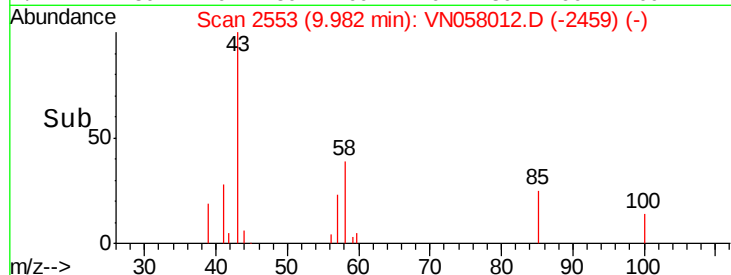
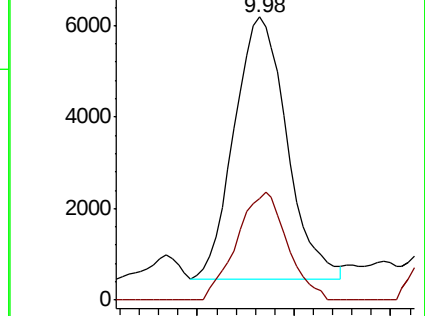
43 100

58 39.6 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-2534) (-)



#52

Toluene

Concen: 0.656 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN058012.D

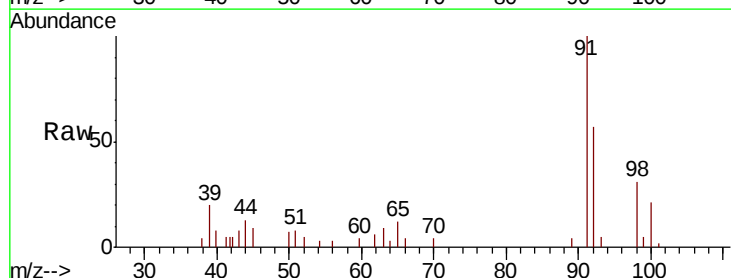
Acq: 13 Sep 2019 12:46

Tgt Ion: 92 Resp: 6489

Ion Ratio Lower Upper

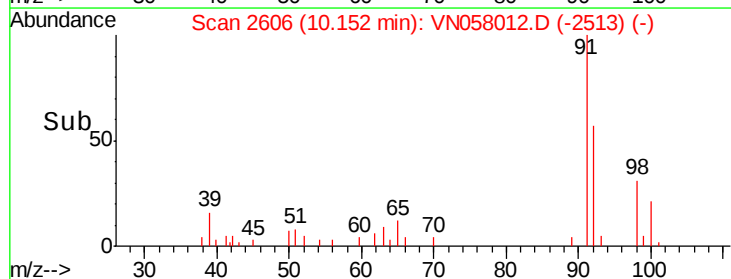
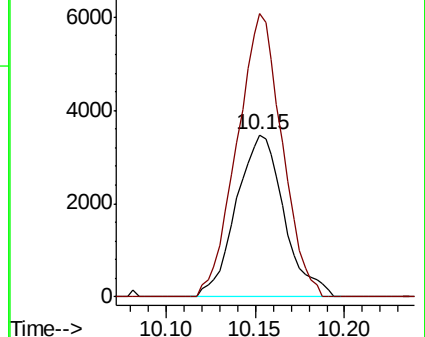
92 100

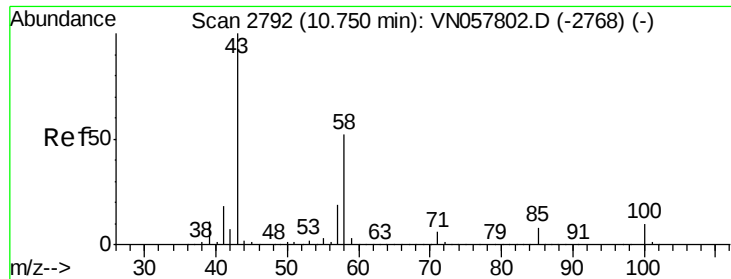
91 164.9 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN057802.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN057802.D (-2590) (-)

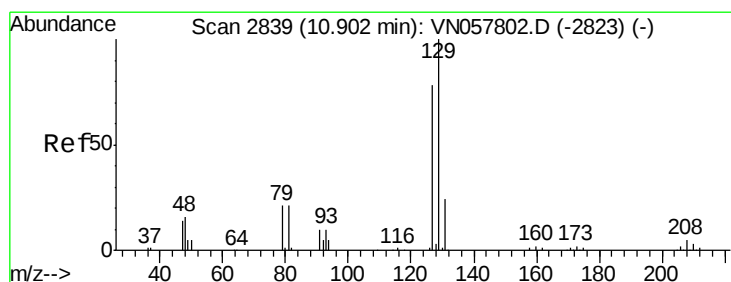
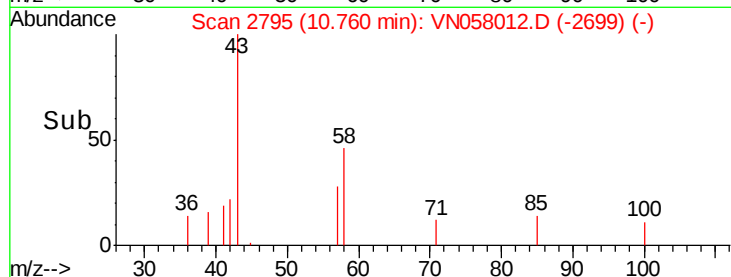
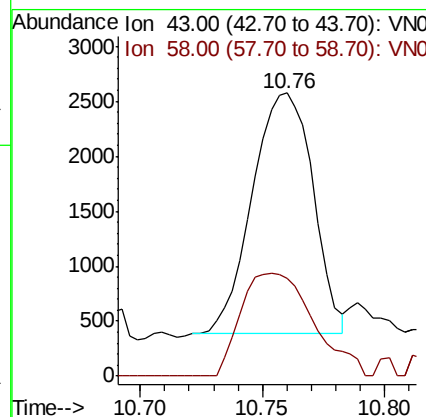
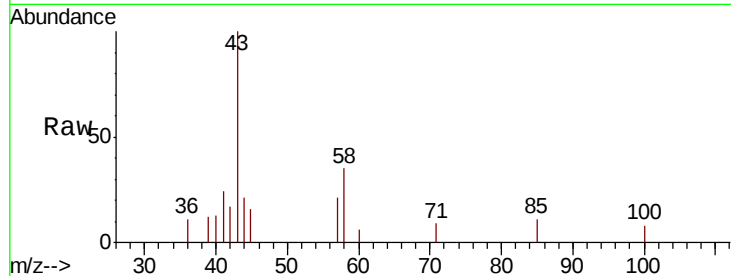




#59
2-Hexanone
Concen: 0.940 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

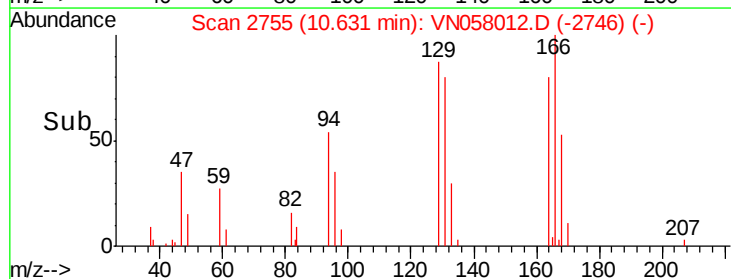
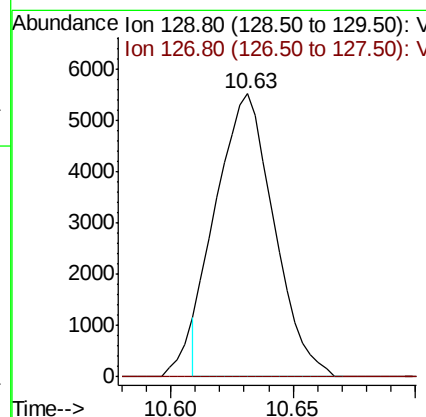
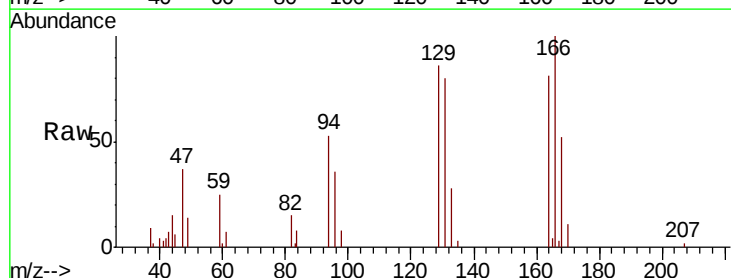
Instrument :
MSVOA_N
ClientSampleId :
IDW-GW800-091119

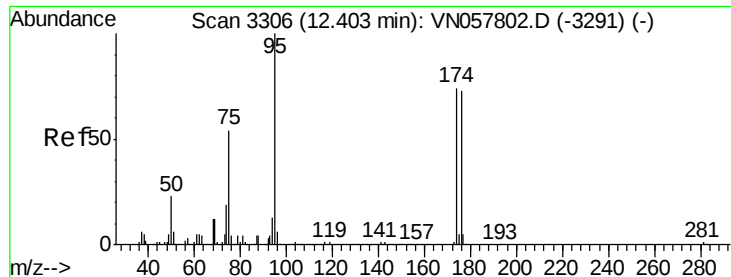
Tgt Ion: 43 Resp: 3778
Ion Ratio Lower Upper
43 100
58 51.2 25.6 76.8



#60
Dibromochloromethane
Concen: 2.333 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.27 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Tgt Ion: 129 Resp: 9073
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

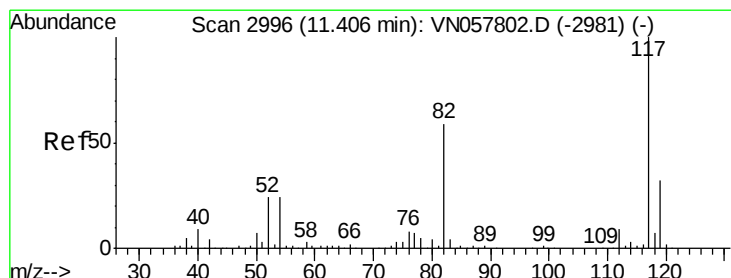
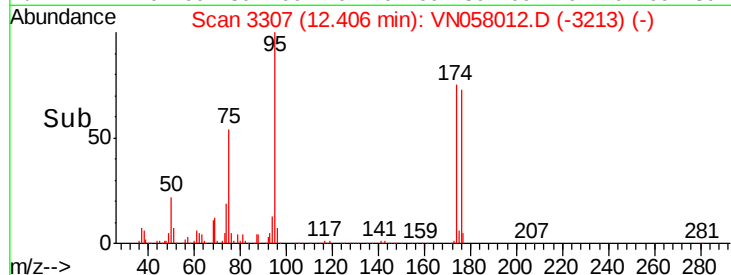
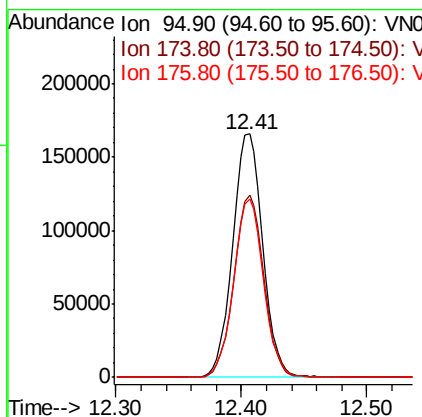
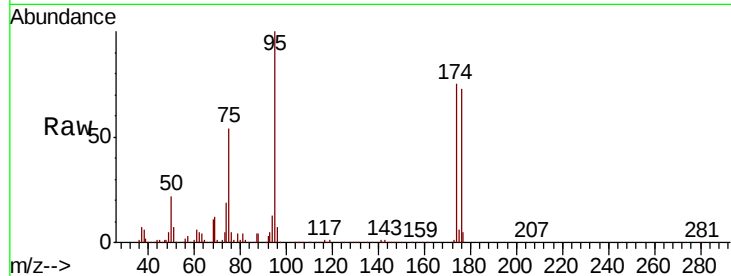




#62
4-Bromofluorobenzene
Concen: 44.970 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

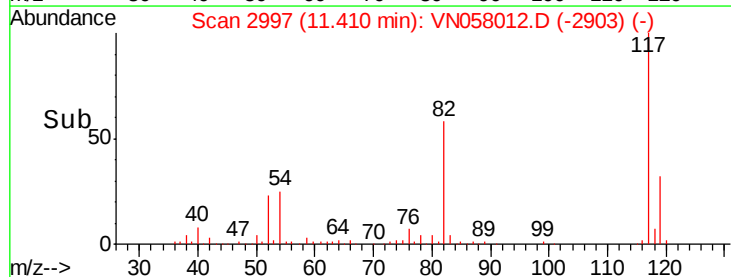
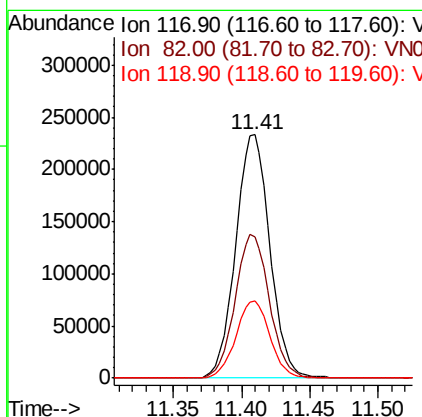
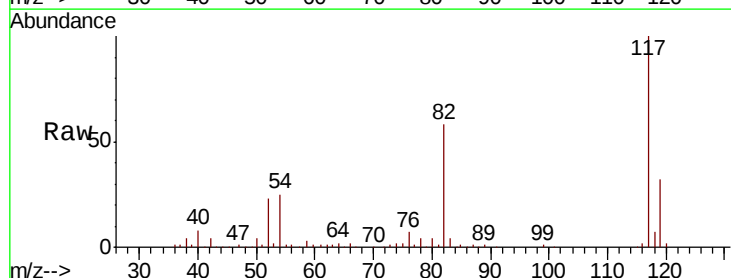
Instrument :
MSVOA_N
ClientSampleId :
IDW-GW800-091119

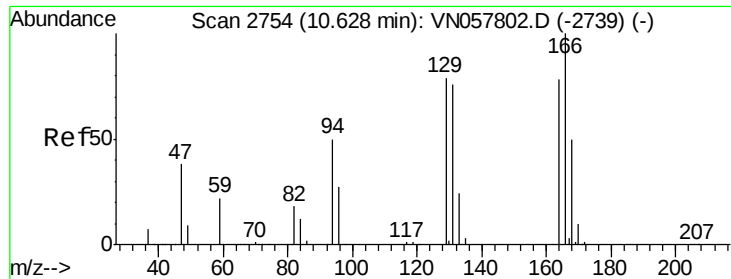
Tgt Ion: 95 Resp: 276063
Ion Ratio Lower Upper
95 100
174 74.4 0.0 150.2
176 72.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Tgt Ion: 117 Resp: 405589
Ion Ratio Lower Upper
117 100
82 58.2 47.2 70.8
119 31.5 25.3 37.9





#64

Tetrachloroethene

Concen: 3.164 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN058012.D

Acq: 13 Sep 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW800-091119

Tgt Ion:164 Resp: 9475

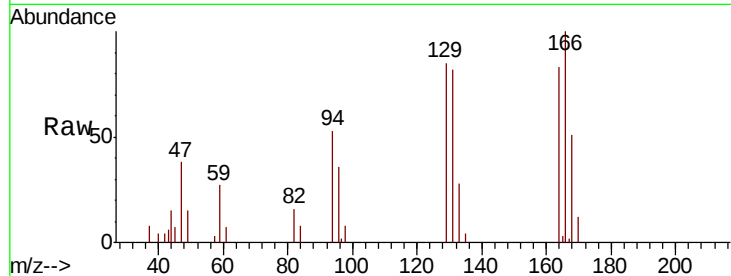
Ion Ratio Lower Upper

164 100

166 120.6 102.2 153.2

129 102.0 80.8 121.2

131 99.4 77.4 116.2

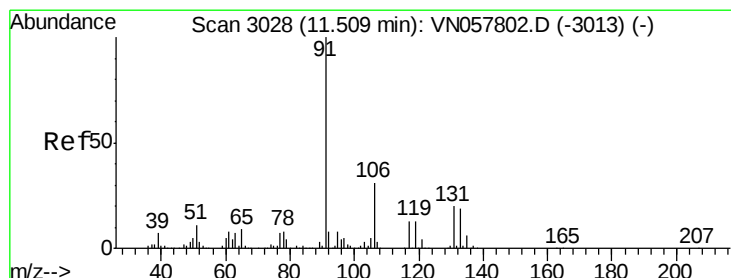
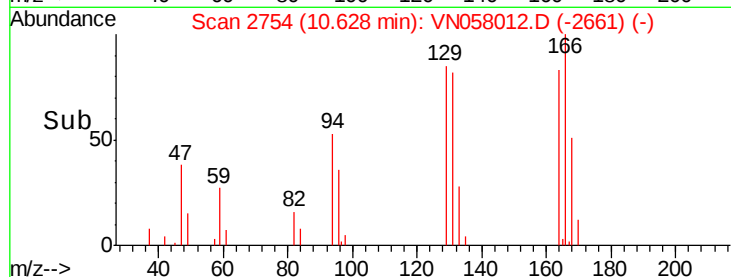
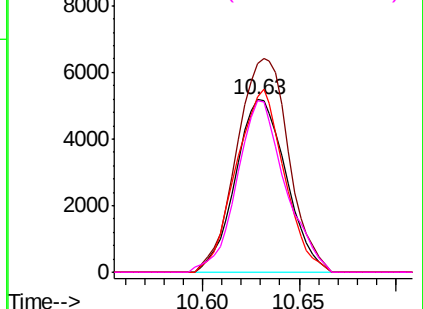


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#67

Ethyl Benzene

Concen: 0.344 ug/l

RT: 11.52 min Scan# 3030

Delta R.T. 0.01 min

Lab File: VN058012.D

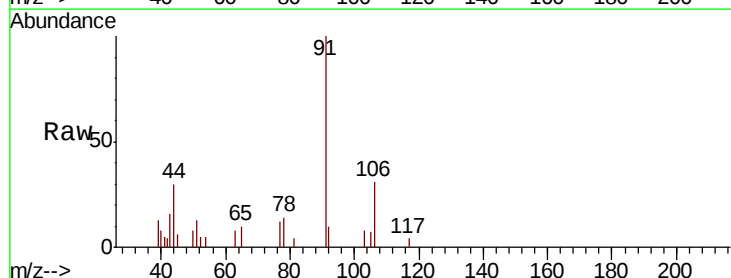
Acq: 13 Sep 2019 12:46

Tgt Ion: 91 Resp: 6394

Ion Ratio Lower Upper

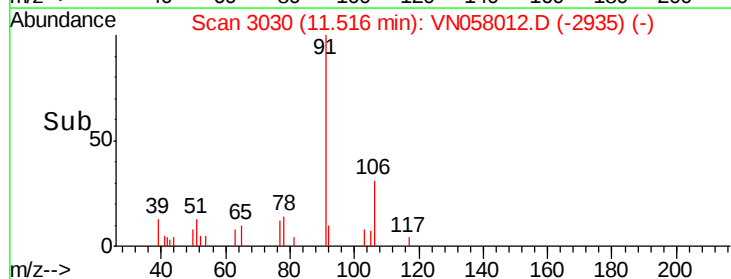
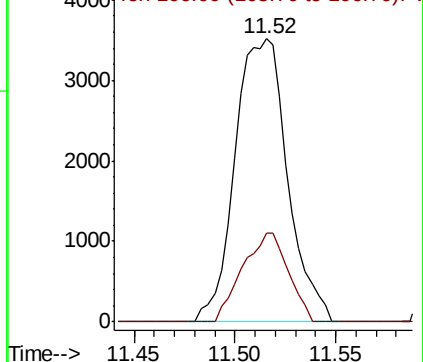
91 100

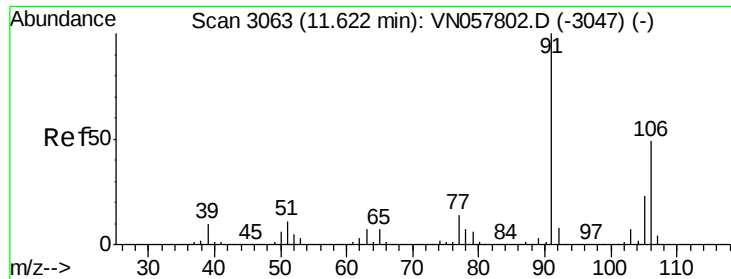
106 31.2 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V

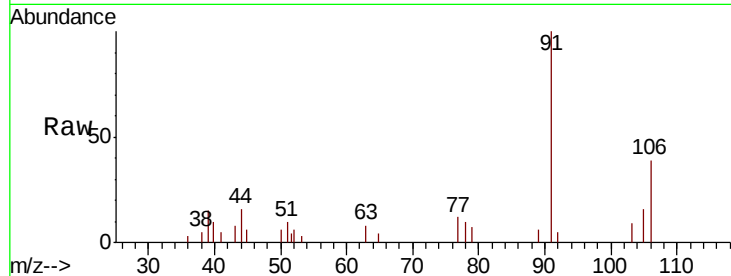




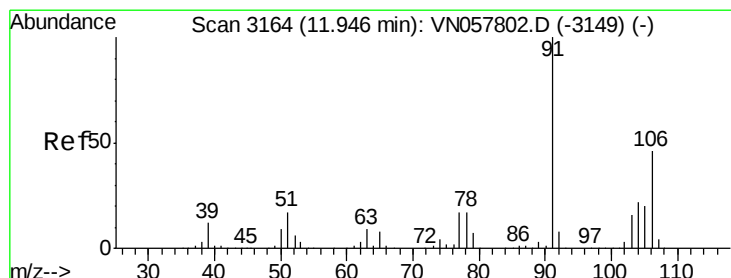
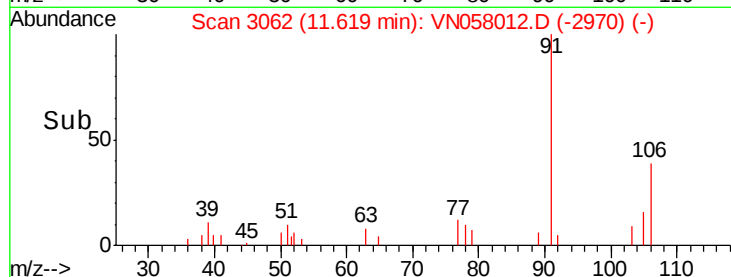
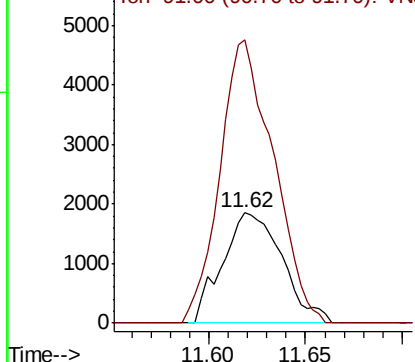
#68
m/p-Xylenes
Concen: 0.584 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW800-091119

Tgt Ion:106 Resp: 3978
Ion Ratio Lower Upper
106 100
91 230.0 165.8 248.6

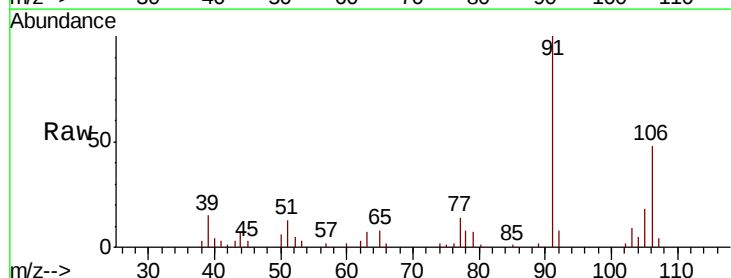


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

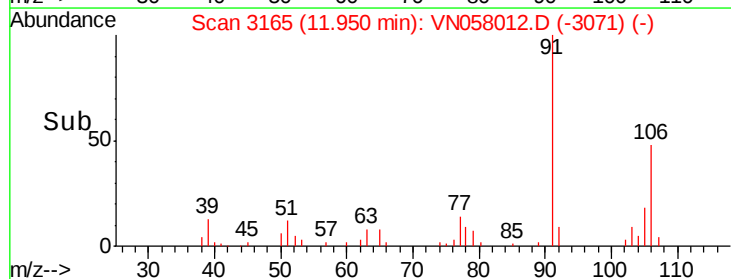
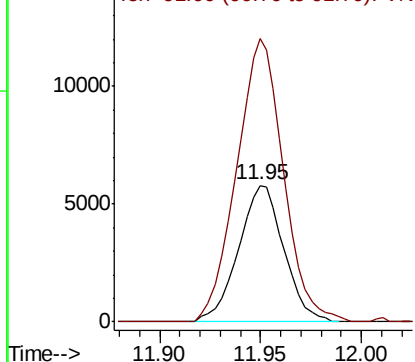


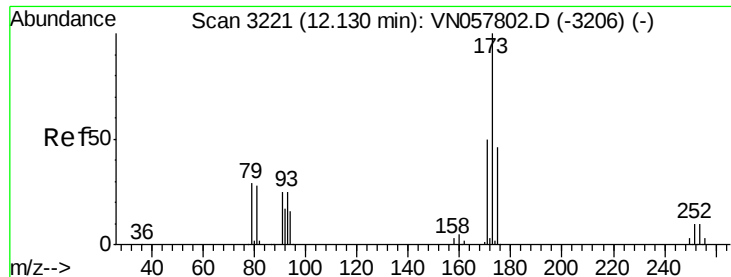
#69
o-Xylene
Concen: 1.340 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Tgt Ion:106 Resp: 9078
Ion Ratio Lower Upper
106 100
91 215.1 108.7 326.1



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





#71

Bromoform

Concen: 0.553 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.27 min

Lab File: VN058012.D

Acq: 13 Sep 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW800-091119

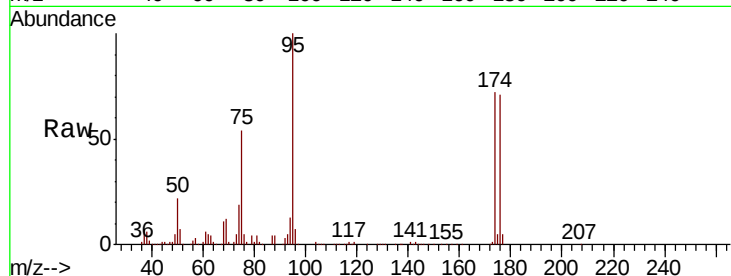
Tgt Ion:173 Resp: 1269

Ion Ratio Lower Upper

173 100

175 1041.0 23.5 70.6#

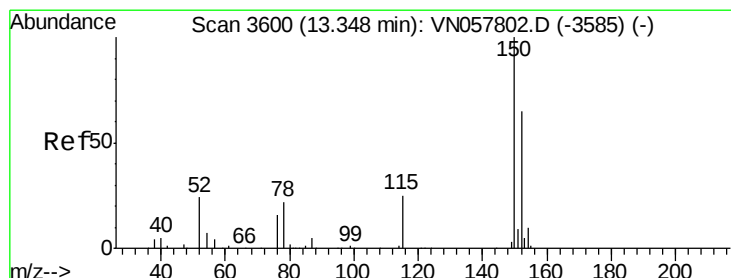
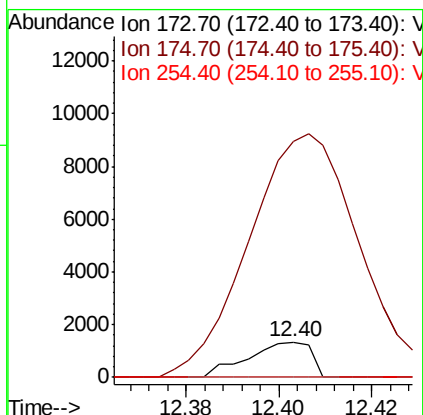
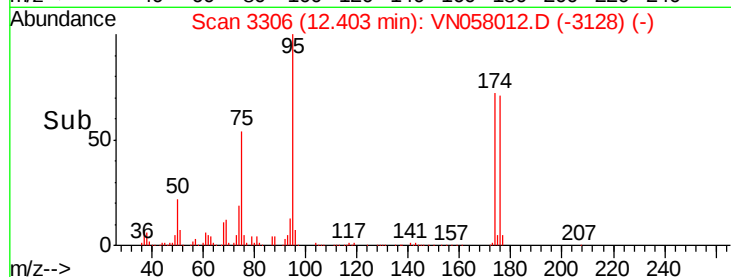
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058012.D

Acq: 13 Sep 2019 12:46

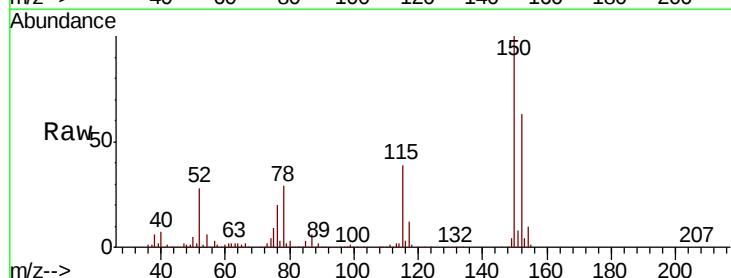
Tgt Ion:152 Resp: 221440

Ion Ratio Lower Upper

152 100

115 60.8 30.3 91.0

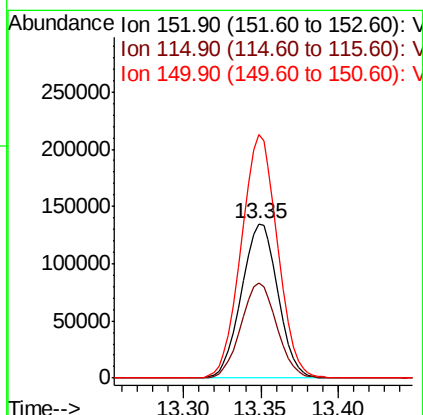
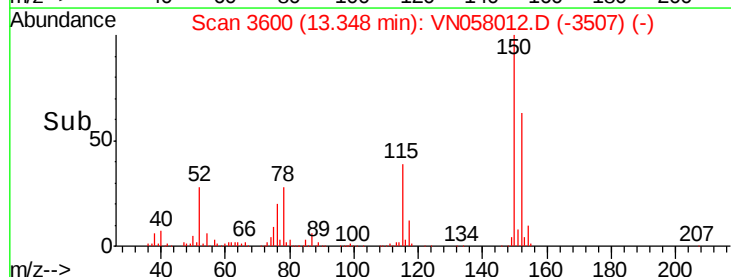
150 157.2 0.0 352.4

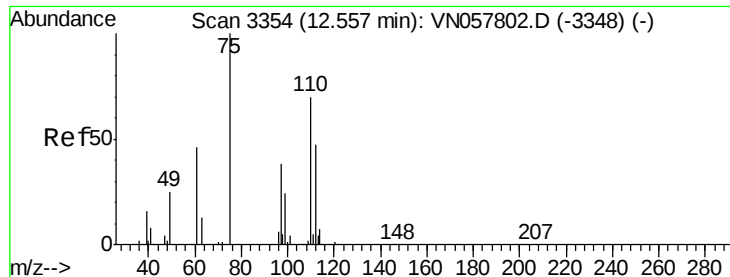


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 30.150 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058012.D

Acq: 13 Sep 2019 12:46

Instrument :

MSVOA_N

ClientSampleId :

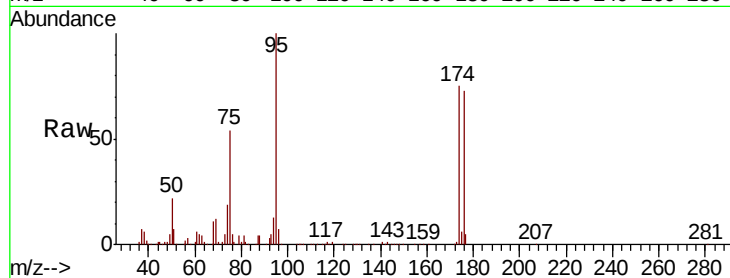
IDW-GW800-091119

Tgt Ion: 75 Resp: 151032

Ion Ratio Lower Upper

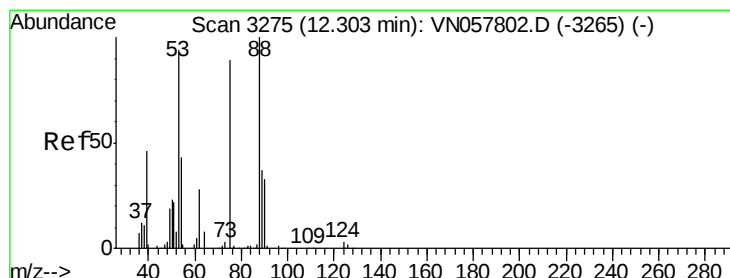
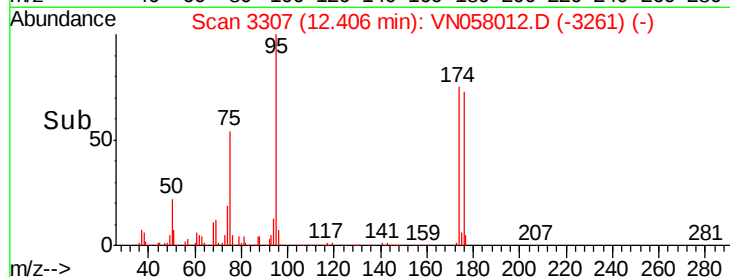
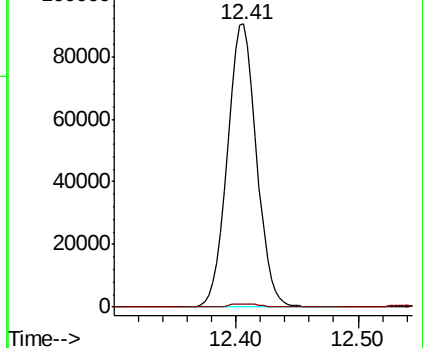
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 106.098 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058012.D

Acq: 13 Sep 2019 12:46

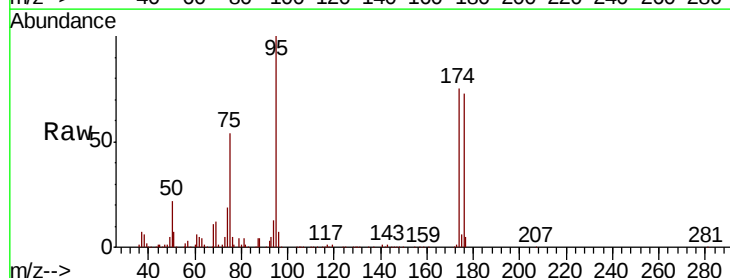
Tgt Ion: 75 Resp: 151032

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

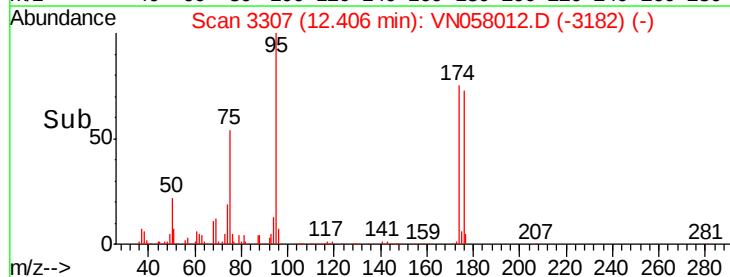
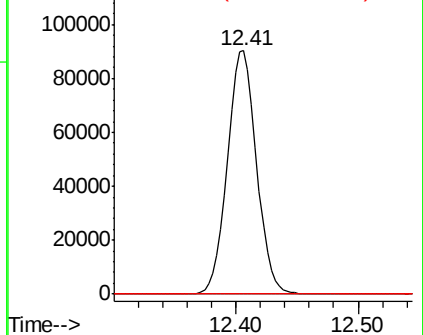
89 0.0 35.3 52.9#

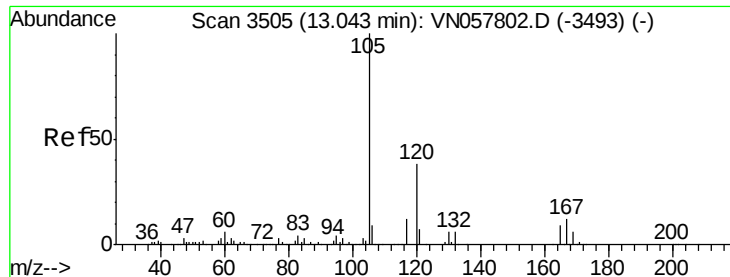


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

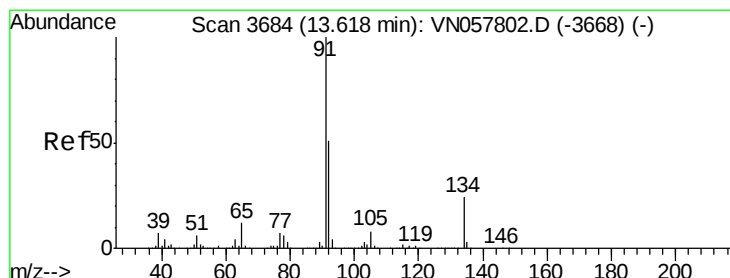
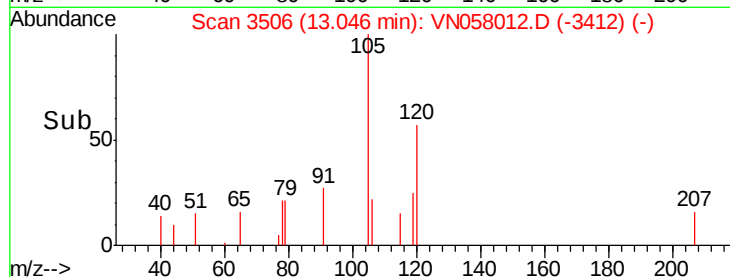
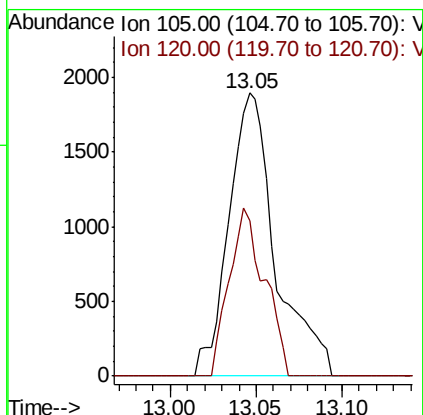
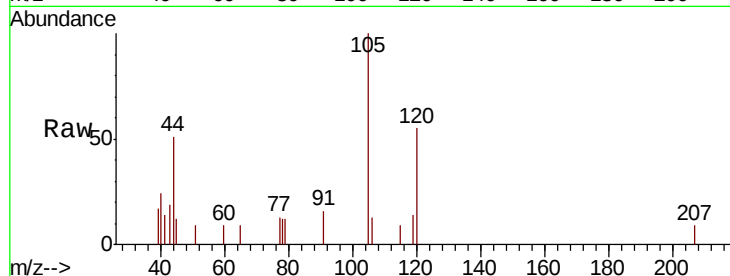




#84
 1,2,4-Trimethylbenzene
 Concen: 0.243 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058012.D
 Acq: 13 Sep 2019 12:46

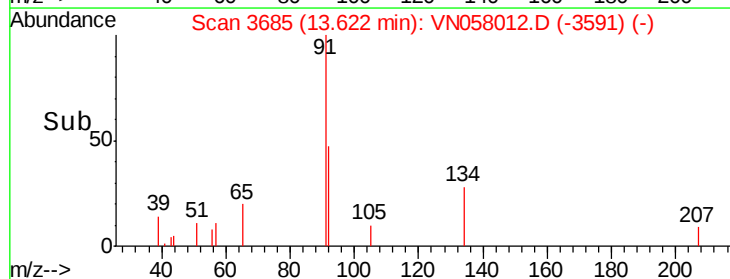
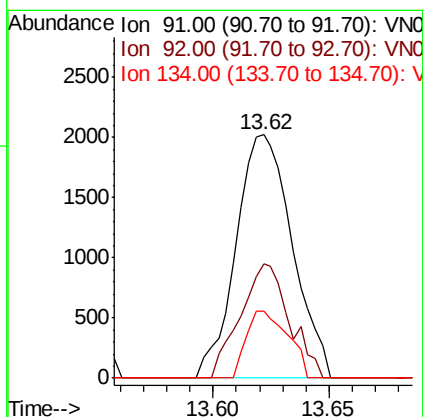
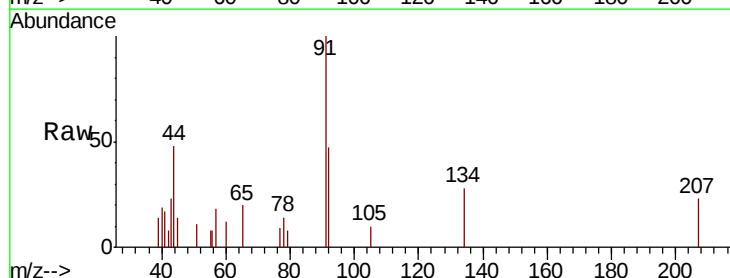
Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW800-091119

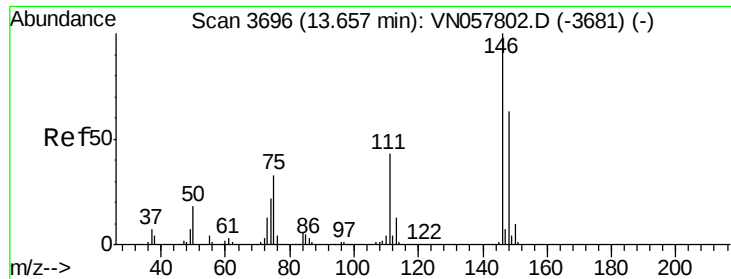
Tgt Ion: 105 Resp: 3589
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.4 67.2



#89
 n-Butylbenzene
 Concen: 0.240 ug/l
 RT: 13.62 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN058012.D
 Acq: 13 Sep 2019 12:46

Tgt Ion: 91 Resp: 3409
 Ion Ratio Lower Upper
 91 100
 92 41.0 25.7 77.0
 134 20.4 11.9 35.7

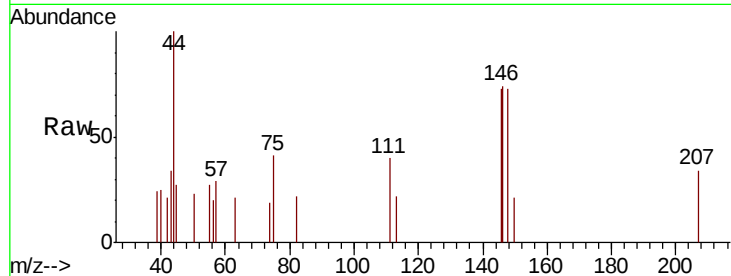




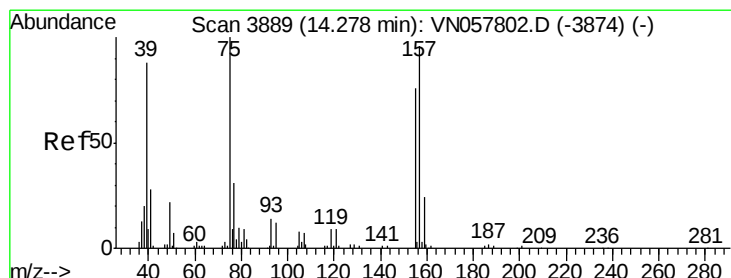
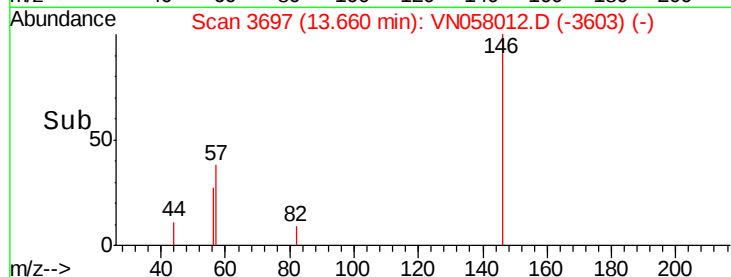
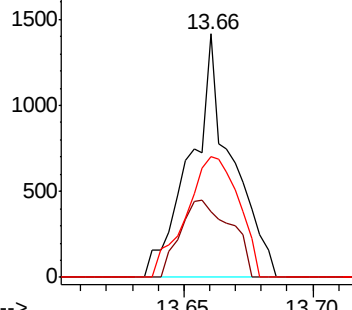
#91
 1,2-Dichlorobenzene
 Concen: 0.201 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN058012.D
 Acq: 13 Sep 2019 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW800-091119

Tgt Ion: 146 Resp: 1576
 Ion Ratio Lower Upper
 146 100
 111 39.1 21.3 63.9
 148 63.4 31.4 94.3

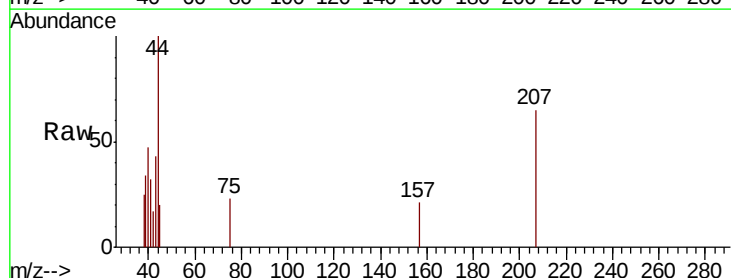


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

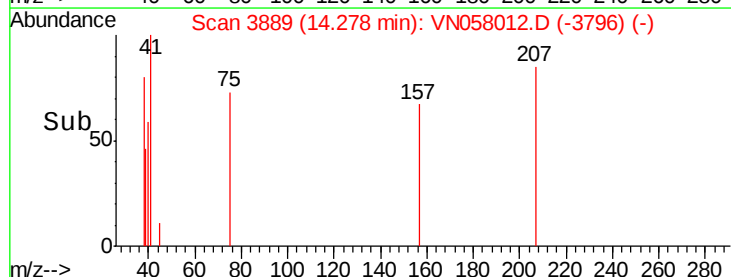
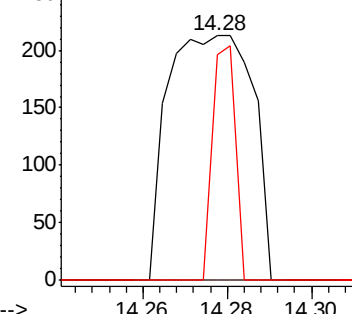


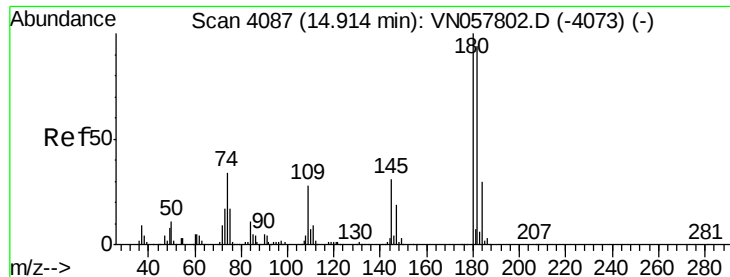
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.311 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN058012.D
 Acq: 13 Sep 2019 12:46

Tgt Ion: 75 Resp: 297
 Ion Ratio Lower Upper
 75 100
 155 0.0 37.3 111.8#
 157 25.9 47.9 143.8#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

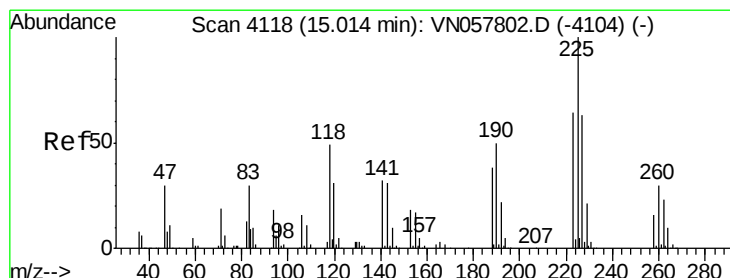
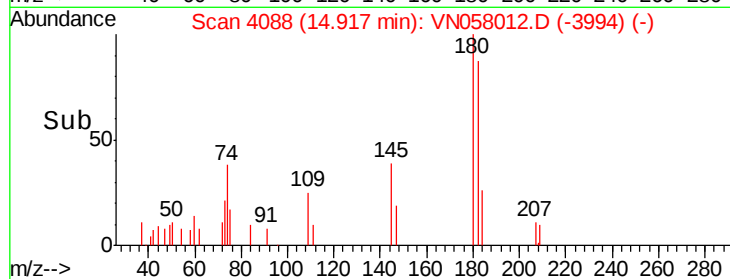
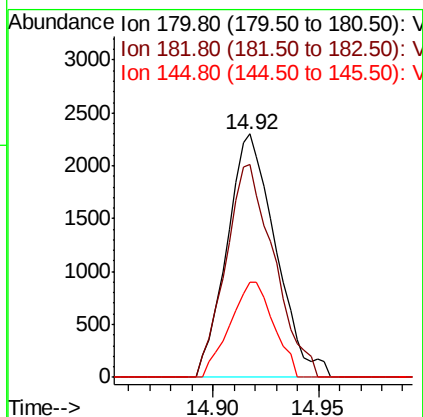
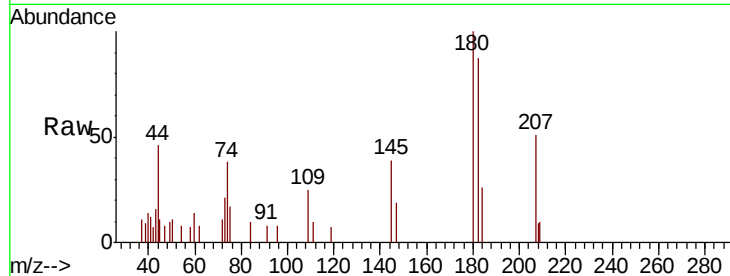




#93
 1,2,4-Trichlorobenzene
 Concen: 0.718 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058012.D
 Acq: 13 Sep 2019 12:46

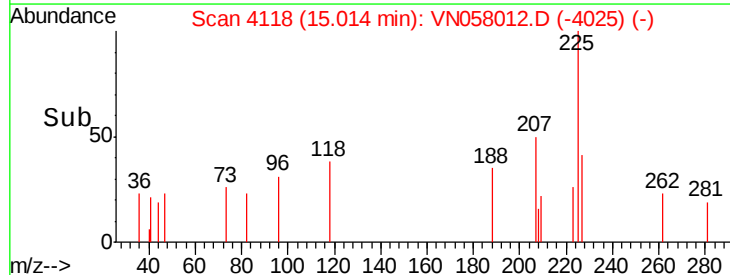
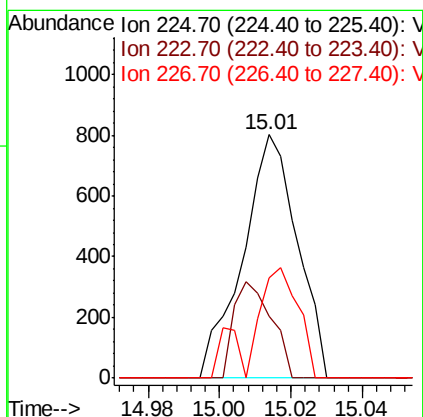
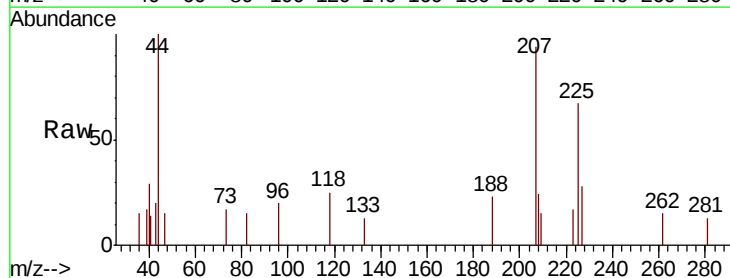
Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW800-091119

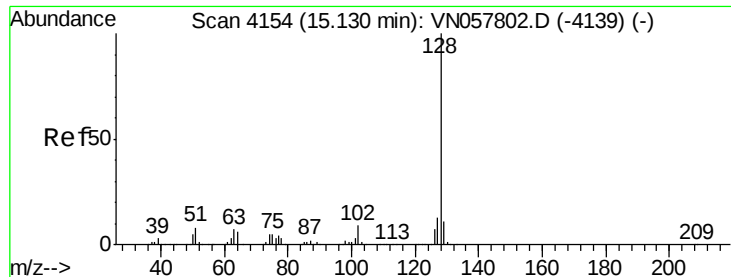
Tgt Ion:180 Resp: 3686
 Ion Ratio Lower Upper
 180 100
 182 86.9 46.9 140.8
 145 35.2 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 0.390 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN058012.D
 Acq: 13 Sep 2019 12:46

Tgt Ion:225 Resp: 848
 Ion Ratio Lower Upper
 225 100
 223 27.4 32.4 97.2#
 227 31.1 31.8 95.4#

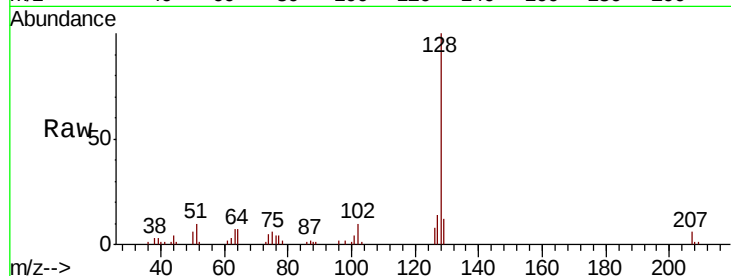




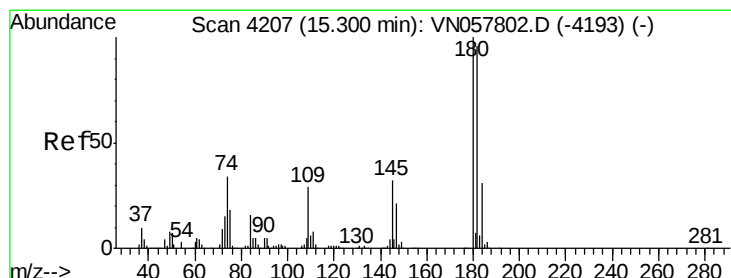
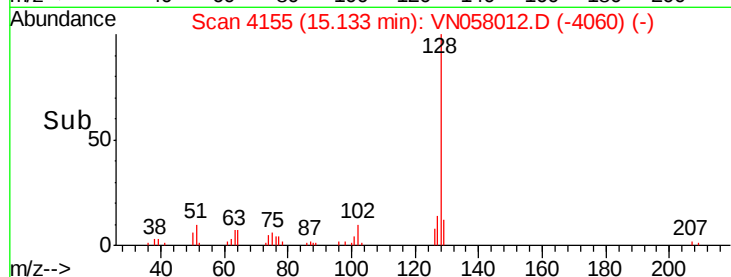
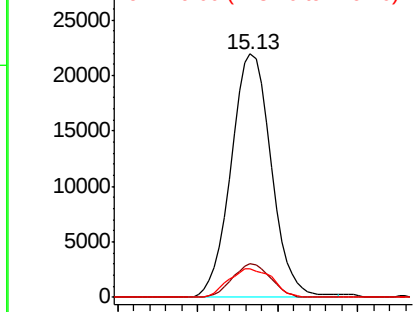
#95
Naphthalene
Concen: 1.376 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW800-091119

Tgt Ion:128 Resp: 37642
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 12.8 8.6 12.8

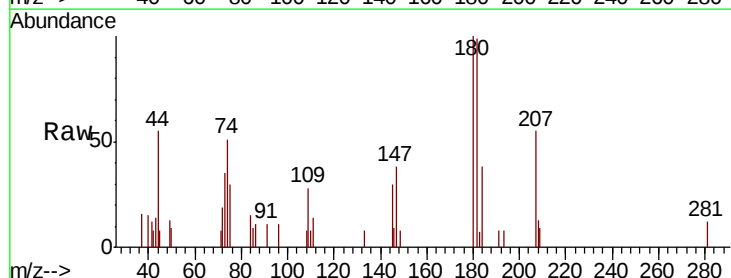


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 1.918 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN058012.D
Acq: 13 Sep 2019 12:46

Tgt Ion:180 Resp: 4207
Ion Ratio Lower Upper
180 100
182 84.6 48.3 144.8
145 30.4 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

