

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091319\
 Data File : VN057976.D
 Acq On : 12 Sep 2019 18:14
 Operator : JC/SP
 Sample : K4859-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW507-K-091119

Quant Time: Sep 13 04:47:53 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	243340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	411379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	370310	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	200955	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	285641	57.96	ug/l	0.00
Spiked Amount			Recovery	=	115.92%	
35) Dibromofluoromethane	7.58	113	200861	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
50) Toluene-d8	10.09	98	747511	50.71	ug/l	0.00
Spiked Amount			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	12.41	95	254284	45.26	ug/l	0.00
Spiked Amount			Recovery	=	90.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1214	0.354	ug/l	90
5) Bromomethane	2.51	94	32	Below Cal	#	2
11) Tert butyl alcohol	4.77	59	739	1.239	ug/l #	72
13) Acrolein	3.58	56	183	0.362	ug/l #	14
15) Acrylonitrile	4.97	53	366	0.223	ug/l #	40
16) Acetone	3.81	43	130819	80.967	ug/l	100
17) Carbon Disulfide	4.03	76	1213	0.458	ug/l #	75
18) Methyl Acetate	4.31	43	8732	2.027	ug/l #	75
20) Methylene Chloride	4.54	84	1107	Below Cal	#	71
25) 2-Butanone	6.83	43	18290	7.821	ug/l	97
28) Bromochloromethane	7.36	49	5580	1.719	ug/l #	19
29) Tetrahydrofuran	7.19	42	429	0.298	ug/l #	34
30) Chloroform	7.36	83	54756	8.058	ug/l	99
31) Cyclohexane	7.65	56	6821	Below Cal	#	30
36) 1,1-Dichloropropene	7.65	75	22506	4.717	ug/l #	50
37) Ethyl Acetate	6.83	43	18290	3.711	ug/l #	70
38) Carbon Tetrachloride	7.65	117	25170	5.778	ug/l #	17
40) Benzene	8.03	78	7940	0.553	ug/l	97
43) Isopropyl Acetate	8.21	43	201283	24.282	ug/l #	57
44) Trichloroethene	8.82	130	1573	0.446	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	11824	2.410	ug/l	97
52) Toluene	10.15	92	7347	0.812	ug/l	92
59) 2-Hexanone	10.76	43	3371	0.917	ug/l	74
60) Dibromochloromethane	10.63	129	33367	9.377	ug/l #	11
64) Tetrachloroethene	10.63	164	35071	12.827	ug/l	95
67) Ethyl Benzene	11.51	91	9124	0.537	ug/l	92
68) m/p-Xylenes	11.62	106	5173	0.831	ug/l	99
69) o-Xylene	11.95	106	18285	2.956	ug/l	95
71) Bromoform	12.39	173	455	0.217	ug/l #	30
76) 1,2,3-Trichloropropane	12.40	75	139960	30.788	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	139960	108.343	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.05	105	3705	0.277	ug/l	75
95) Naphthalene	15.13	128	62674	3.878	ug/l	97
96) 1,2,3-Trichlorobenzene	15.30	180	703	1.168	ug/l #	58

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

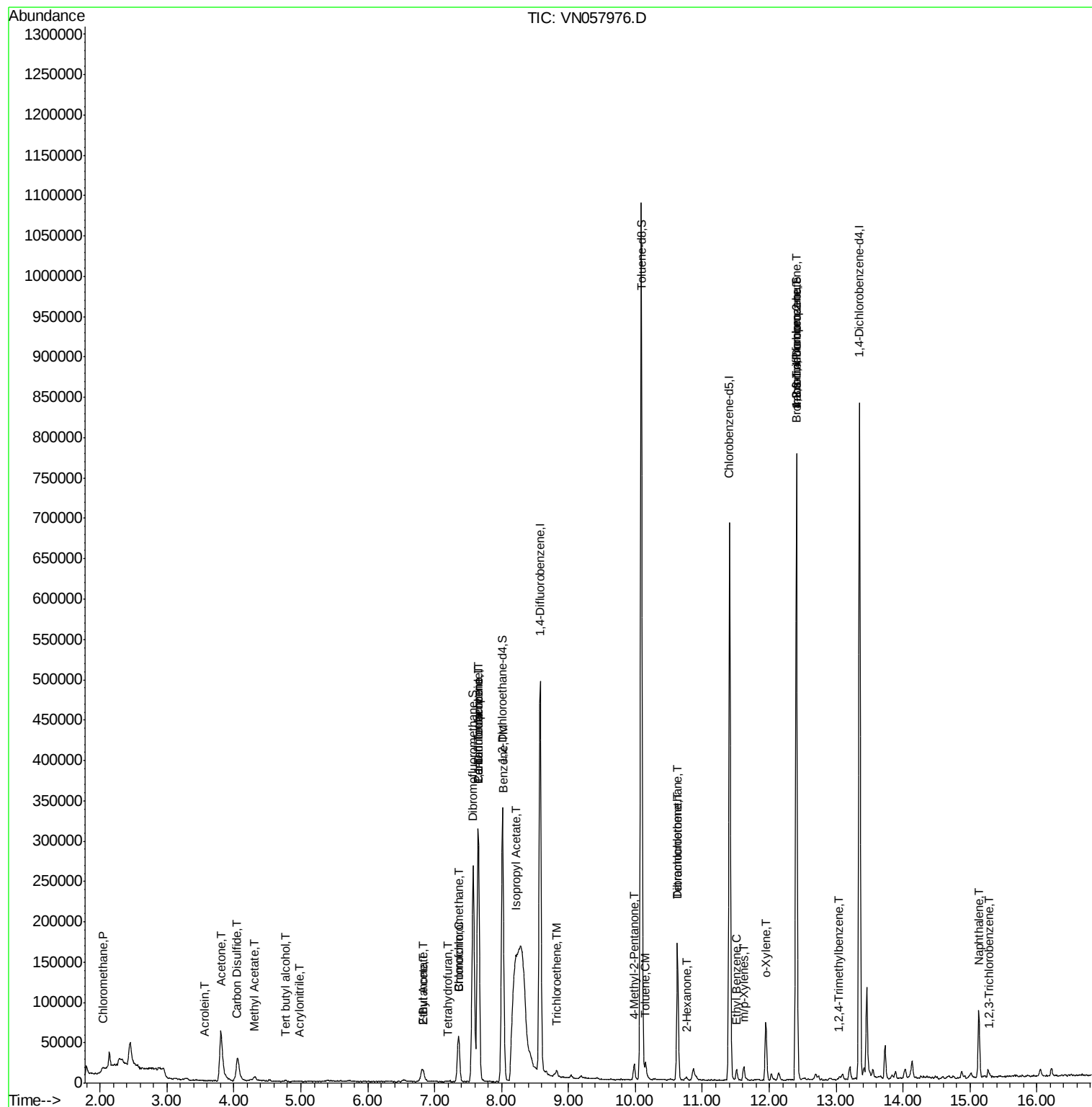
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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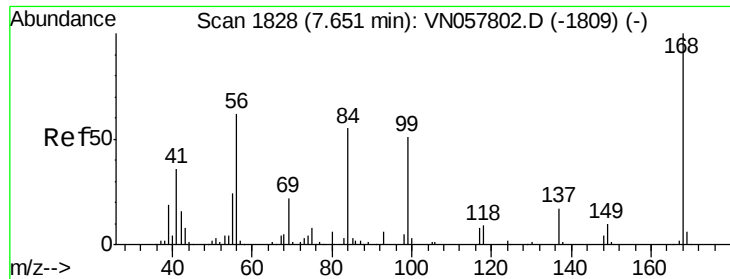
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091319\
Data File : VN057976.D
Acq On : 12 Sep 2019 18:14
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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: VN057976.D

Acq: 12 Sep 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

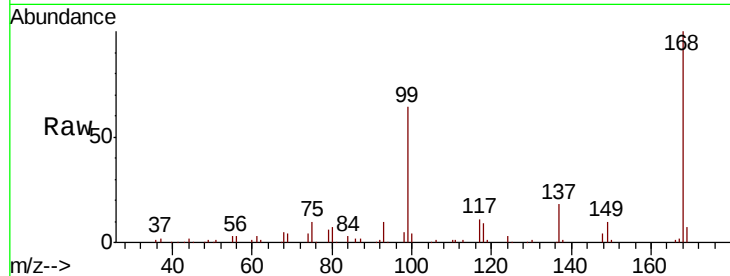
IDW-GW507-K-091119

Tgt Ion:168 Resp: 243340

Ion Ratio Lower Upper

168 100

99 63.6 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

100000

80000

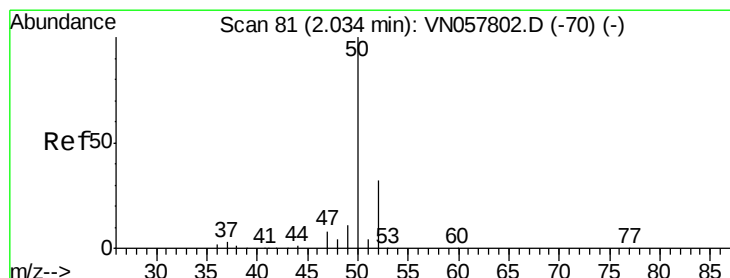
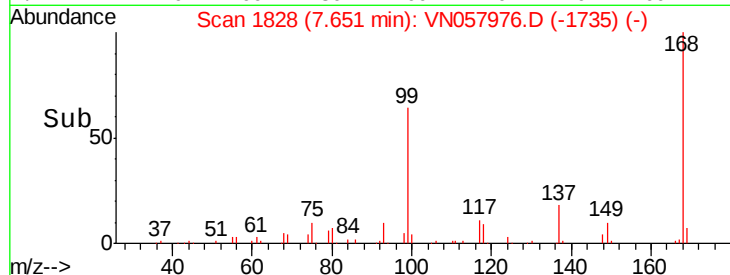
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.354 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.01 min

Lab File: VN057976.D

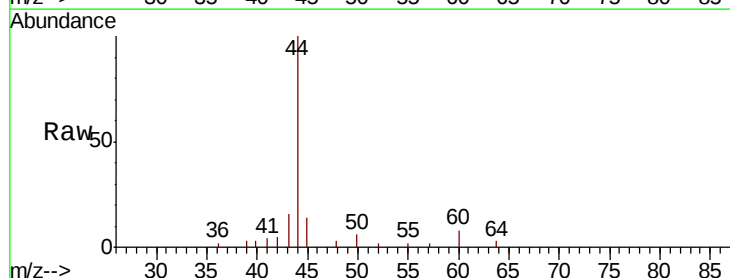
Acq: 12 Sep 2019 18:14

Tgt Ion: 50 Resp: 1214

Ion Ratio Lower Upper

50 100

52 26.3 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

800

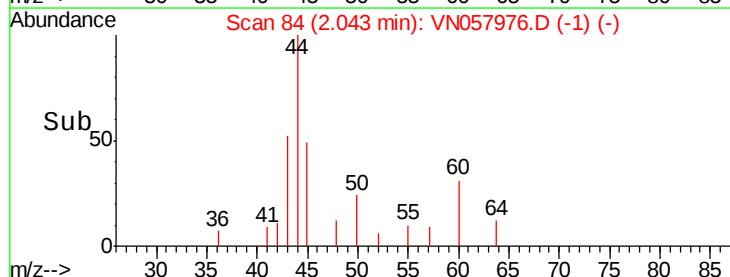
600

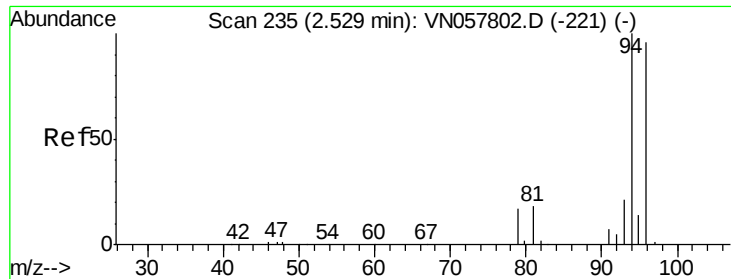
400

200

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.51 min Scan# 230

Delta R.T. -0.02 min

Lab File: VN057976.D

Acq: 12 Sep 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

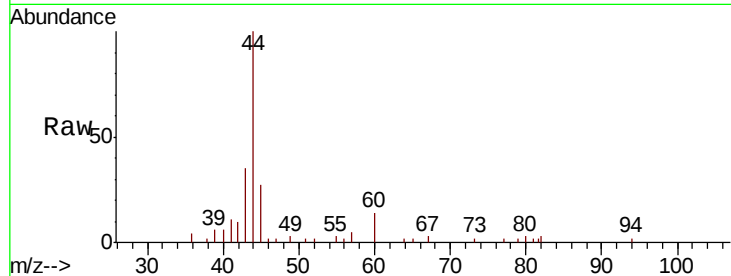
IDW-GW507-K-091119

Tgt Ion: 94 Resp: 32

Ion Ratio Lower Upper

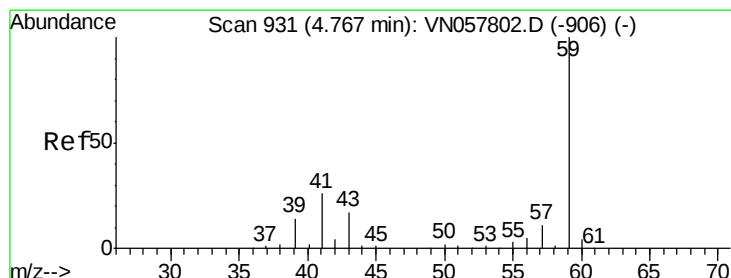
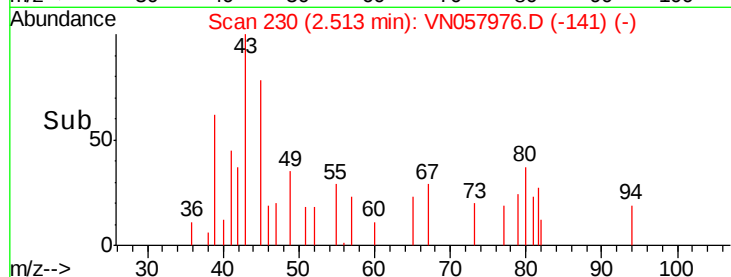
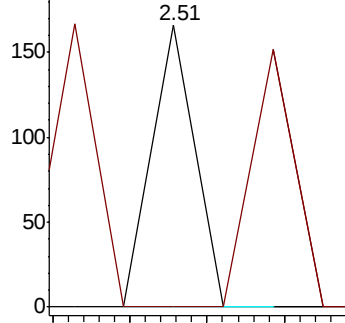
94 100

96 0.0 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#11

Tert butyl alcohol

Concen: 1.239 ug/l

RT: 4.77 min Scan# 933

Delta R.T. 0.01 min

Lab File: VN057976.D

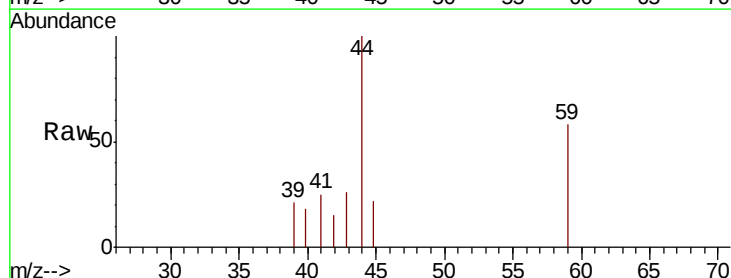
Acq: 12 Sep 2019 18:14

Tgt Ion: 59 Resp: 739

Ion Ratio Lower Upper

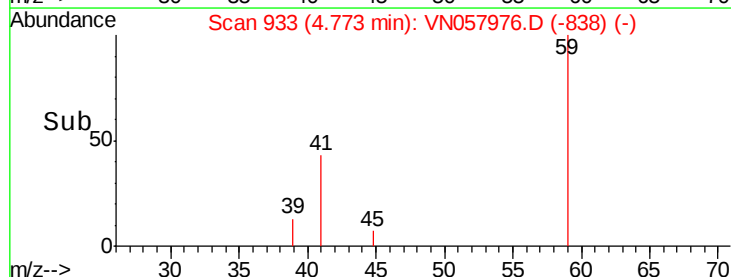
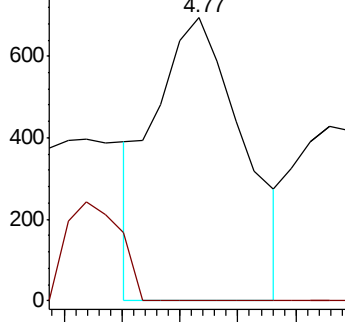
59 100

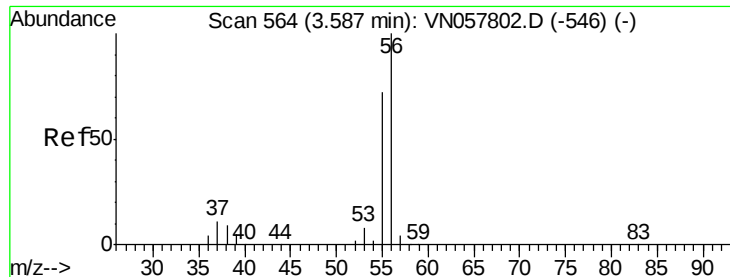
57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0





#13

Acrolein

Concen: 0.362 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.01 min

Lab File: VN057976.D

Acq: 12 Sep 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

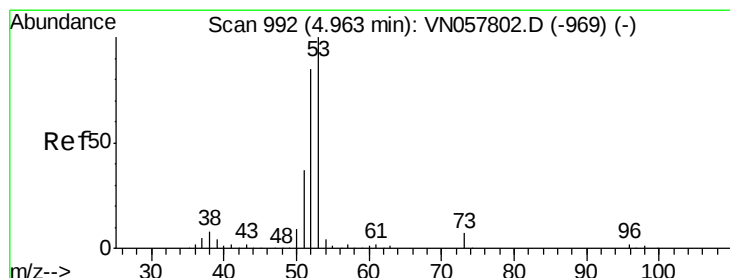
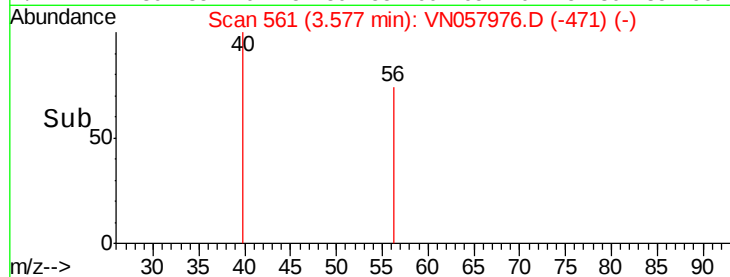
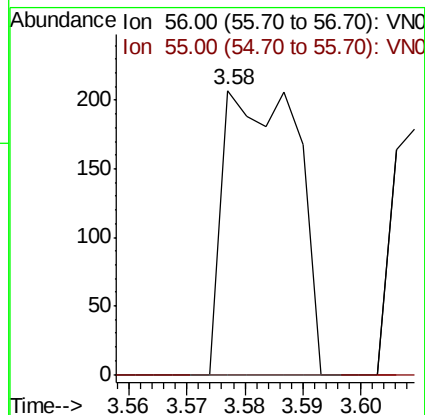
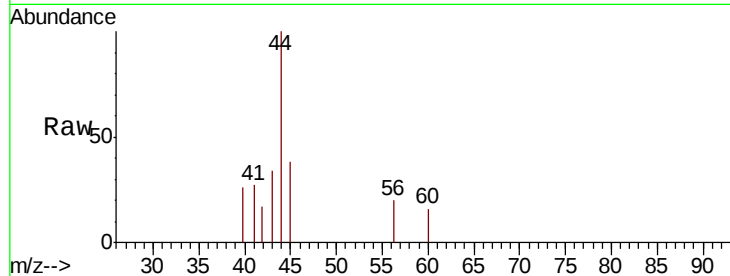
IDW-GW507-K-091119

Tgt Ion: 56 Resp: 183

Ion Ratio Lower Upper

56 100

55 0.0 57.3 85.9#



#15

Acrylonitrile

Concen: 0.223 ug/l

RT: 4.97 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN057976.D

Acq: 12 Sep 2019 18:14

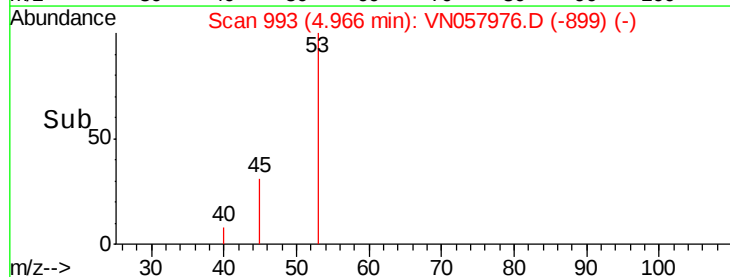
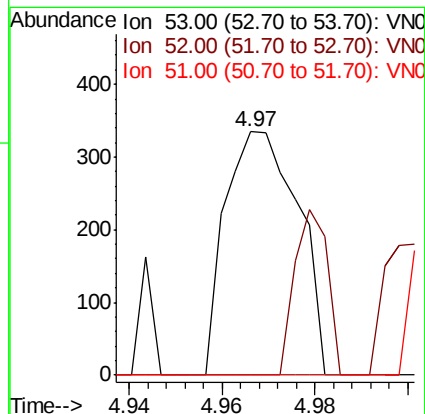
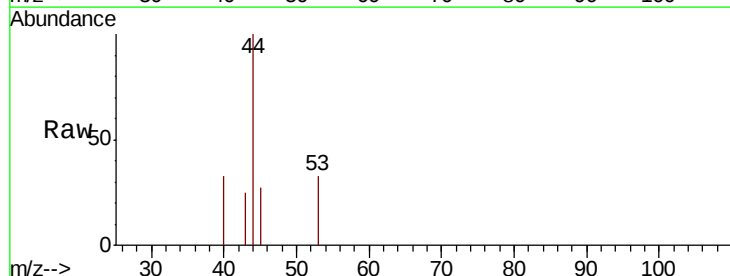
Tgt Ion: 53 Resp: 366

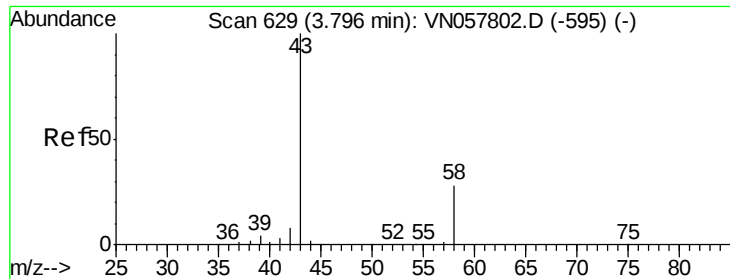
Ion Ratio Lower Upper

53 100

52 30.3 66.6 100.0#

51 0.0 29.8 44.8#





#16

Acetone

Concen: 80.967 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057976.D

Acq: 12 Sep 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

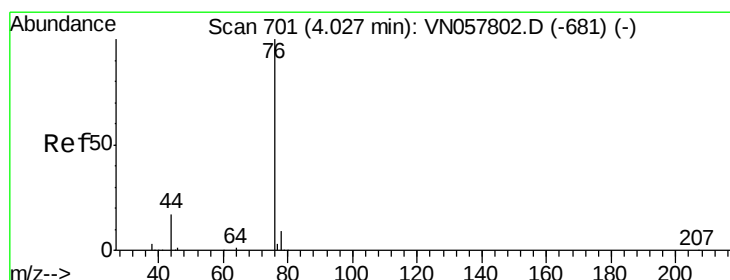
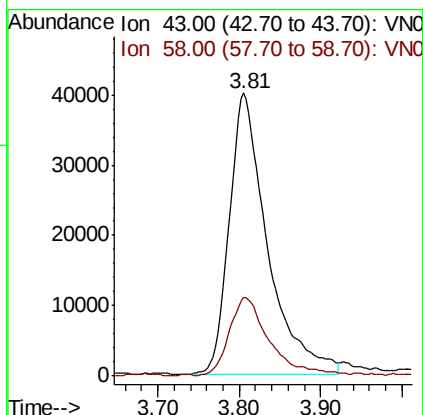
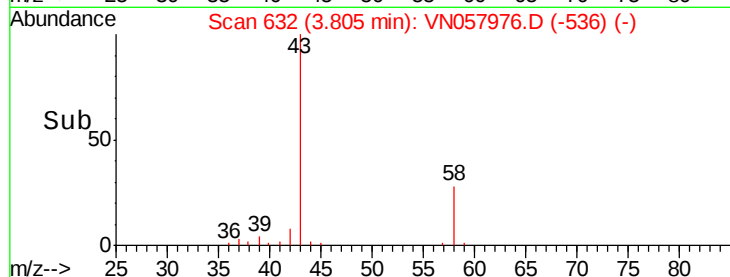
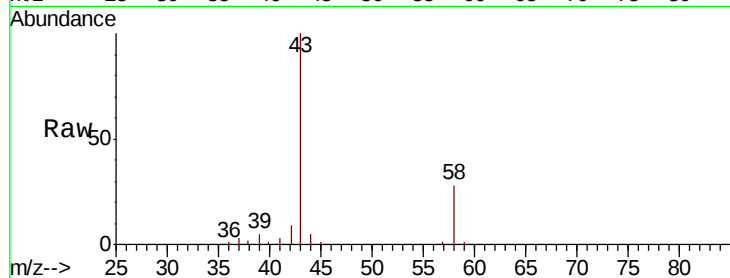
IDW-GW507-K-091119

Tgt Ion: 43 Resp: 130819

Ion Ratio Lower Upper

43 100

58 27.6 22.2 33.2



#17

Carbon Disulfide

Concen: 0.458 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN057976.D

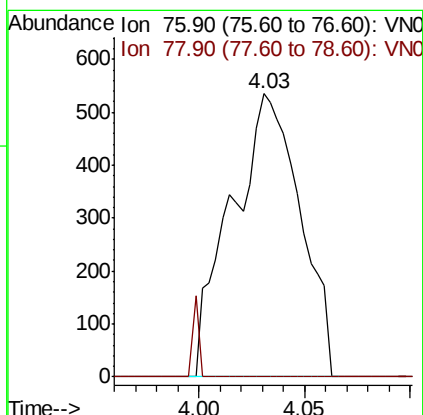
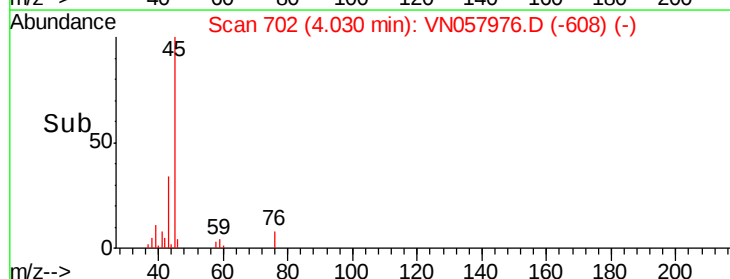
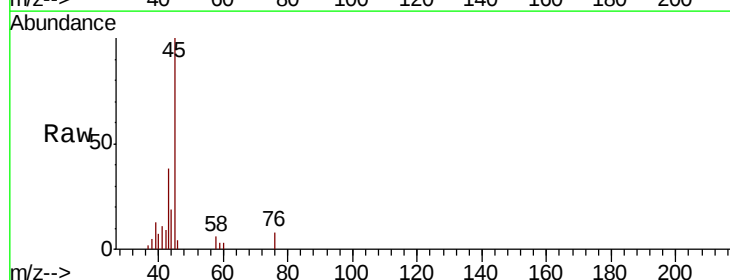
Acq: 12 Sep 2019 18:14

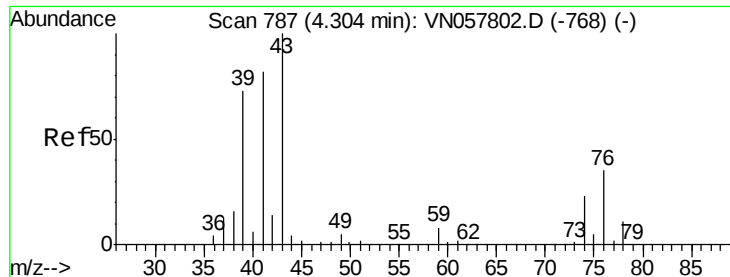
Tgt Ion: 76 Resp: 1213

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#

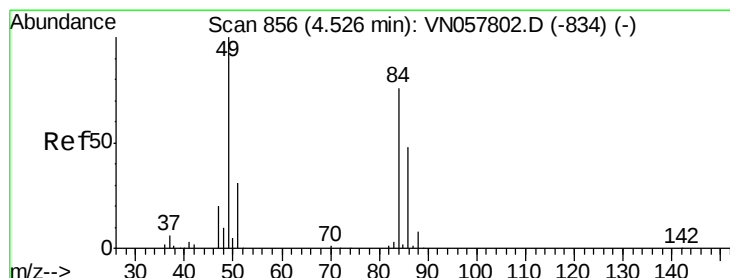
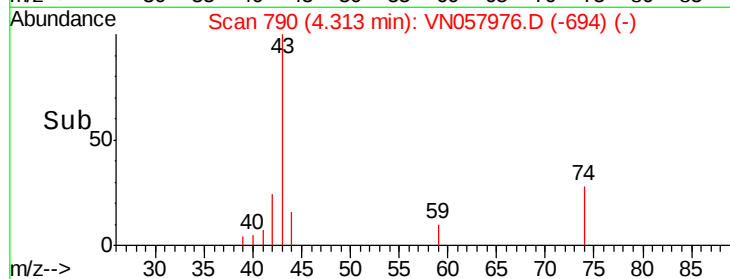
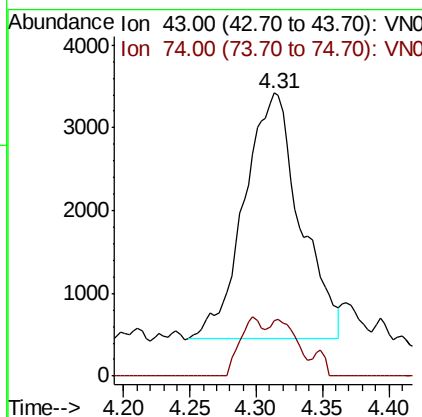
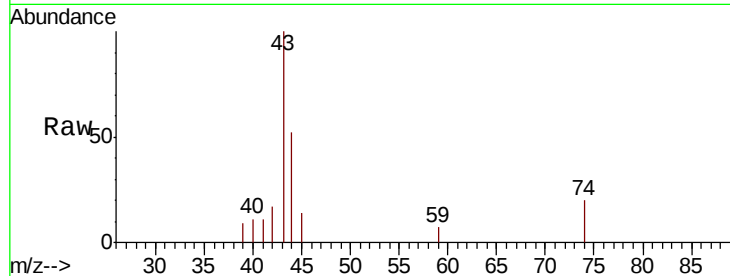




#18
Methyl Acetate
Concen: 2.027 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN057976.D
Acq: 12 Sep 2019 18:14

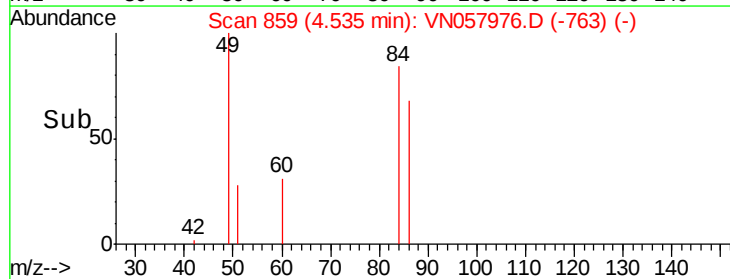
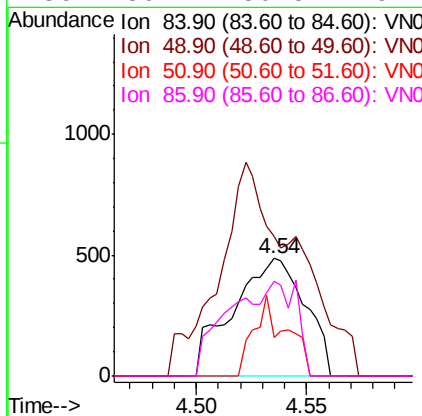
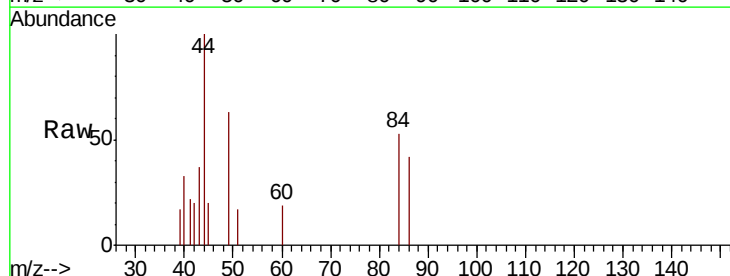
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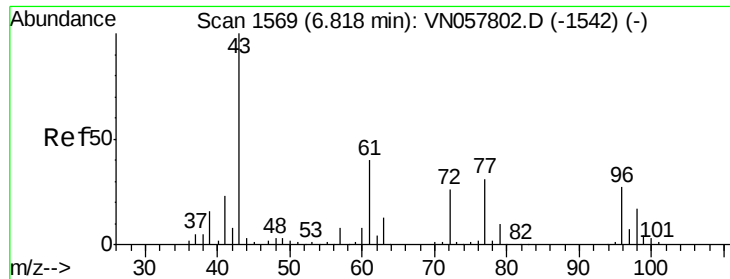
Tgt Ion: 43 Resp: 8732
Ion Ratio Lower Upper
43 100
74 10.3 17.9 26.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.54 min Scan# 859
Delta R.T. 0.01 min
Lab File: VN057976.D
Acq: 12 Sep 2019 18:14

Tgt Ion: 84 Resp: 1107
Ion Ratio Lower Upper
84 100
49 86.8 104.8 157.2#
51 32.7 33.0 49.4#
86 80.2 50.5 75.7#

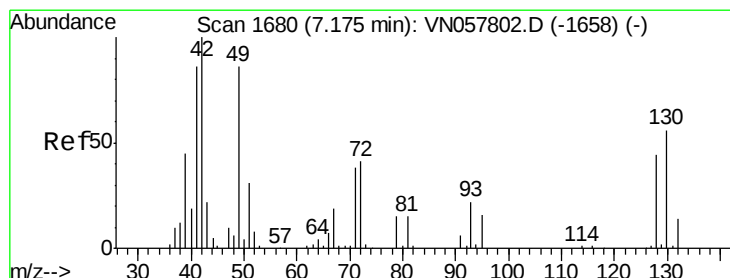
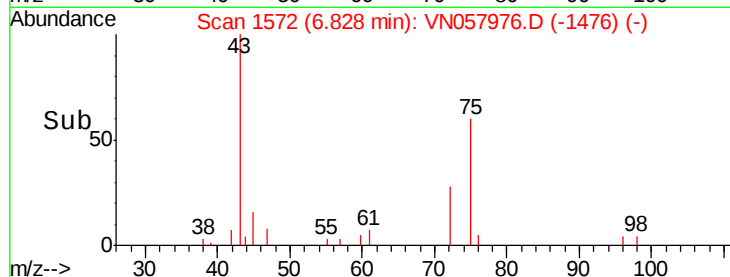
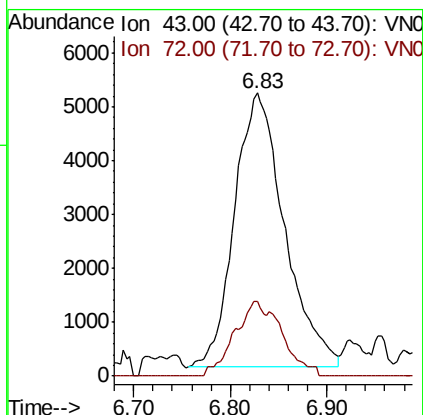
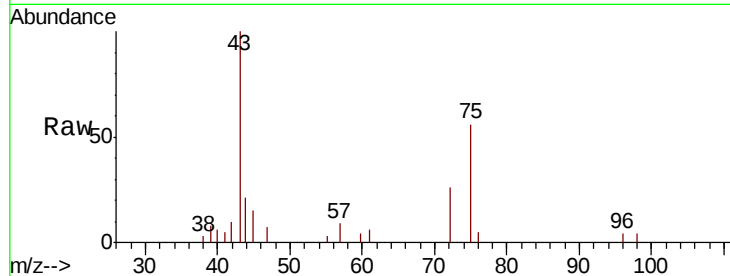




#25
2-Butanone
Concen: 7.821 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN057976.D
Acq: 12 Sep 2019 18:14

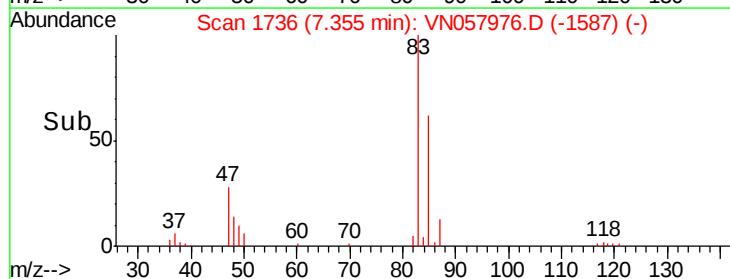
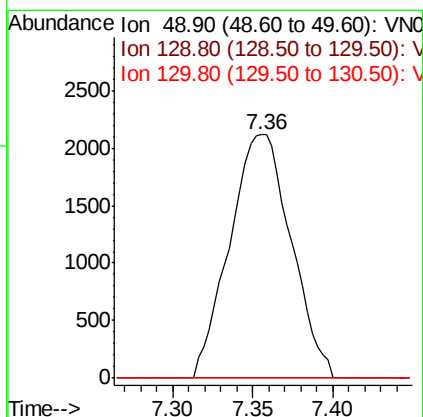
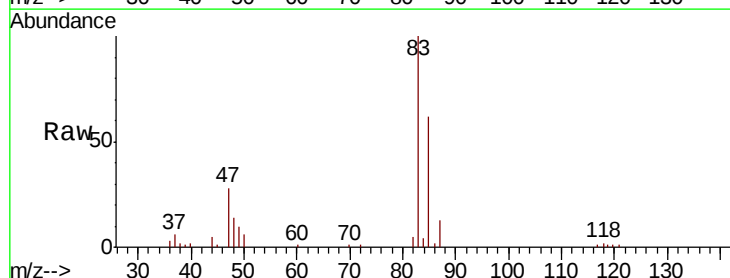
Instrument :
MSVOA_N
ClientSampleId :
IDW-GW507-K-091119

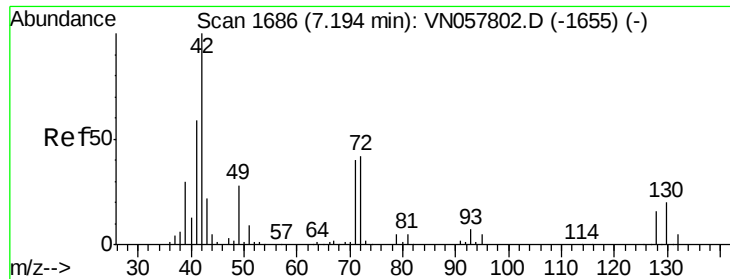
Tgt Ion: 43 Resp: 18290
Ion Ratio Lower Upper
43 100
72 27.2 20.6 30.8



#28
Bromochloromethane
Concen: 1.719 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.18 min
Lab File: VN057976.D
Acq: 12 Sep 2019 18:14

Tgt Ion: 49 Resp: 5580
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 53.0 79.6#





#29

Tetrahydrofuran

Concen: 0.298 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN057976.D

Acq: 12 Sep 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW507-K-091119

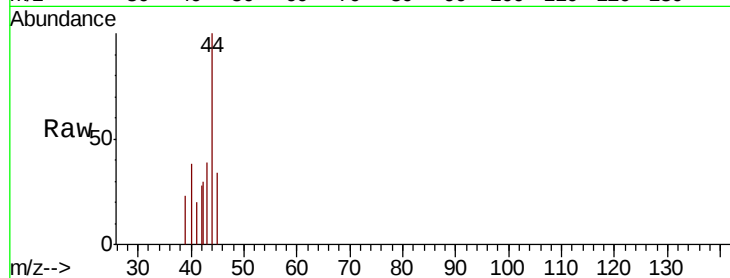
Tgt Ion: 42 Resp: 429

Ion Ratio Lower Upper

42 100

72 0.0 33.7 50.5#

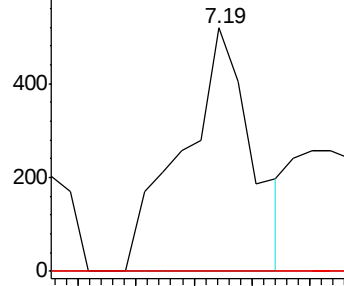
71 0.0 31.9 47.9#



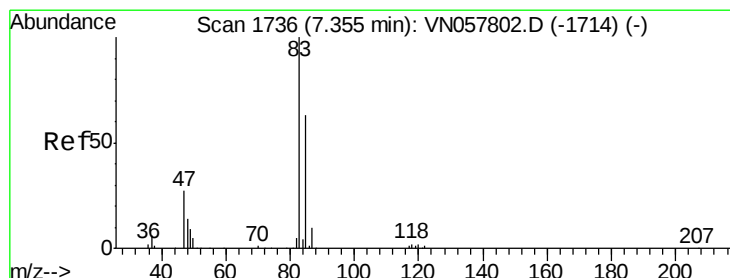
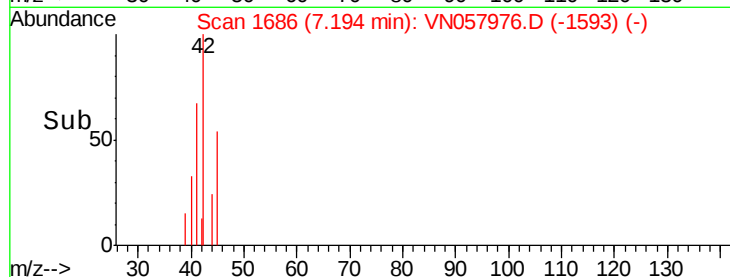
Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



Time-->



#30

Chloroform

Concen: 8.058 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN057976.D

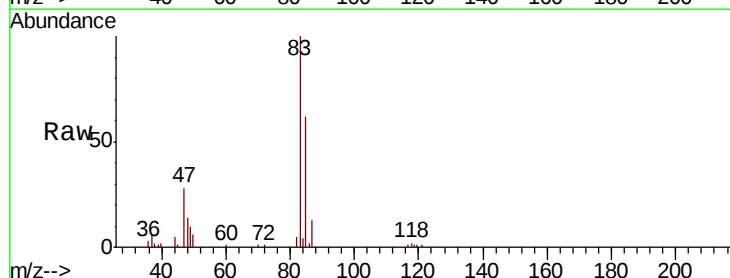
Acq: 12 Sep 2019 18:14

Tgt Ion: 83 Resp: 54756

Ion Ratio Lower Upper

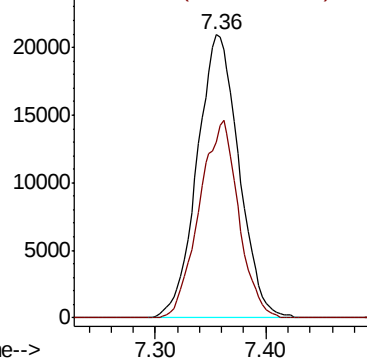
83 100

85 62.3 50.6 75.8

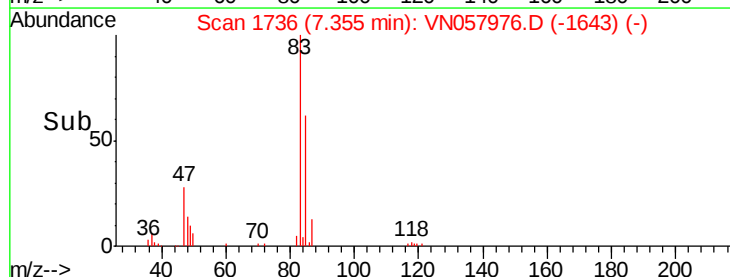


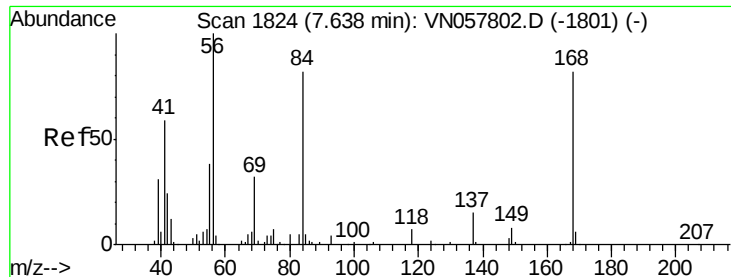
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time-->

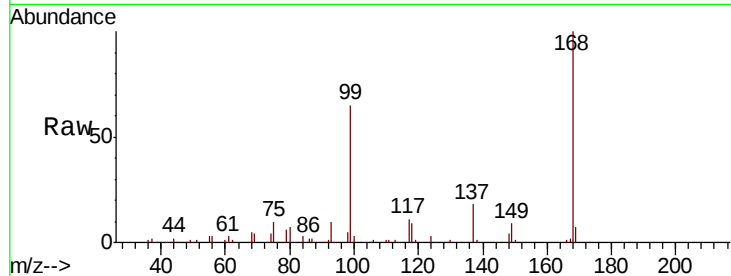




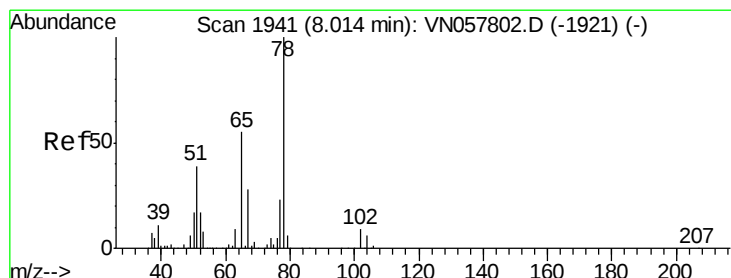
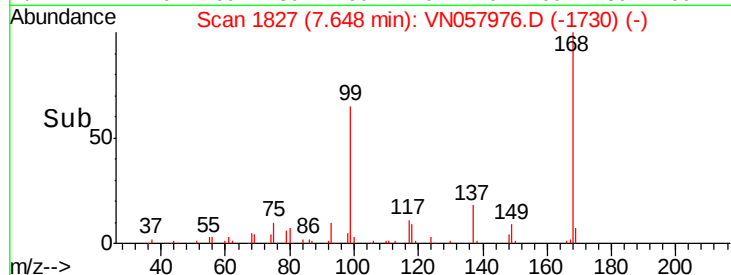
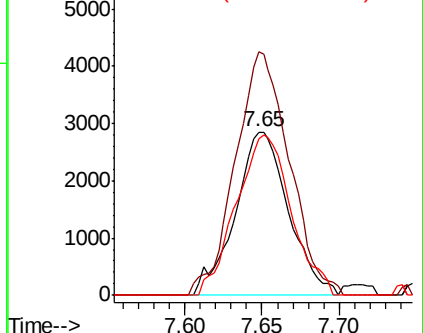
#31
Cyclohexane
Concen: Below Cal
RT: 7.65 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN057976.D
Acq: 12 Sep 2019 18:14

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW507-K-091119

Tgt Ion: 56 Resp: 6821
Ion Ratio Lower Upper
56 100
69 149.3 25.9 38.9#
84 95.7 65.6 98.4

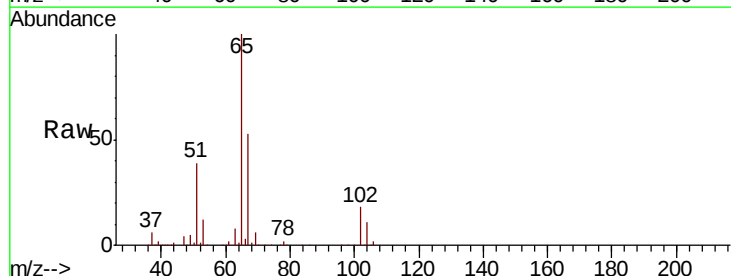


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

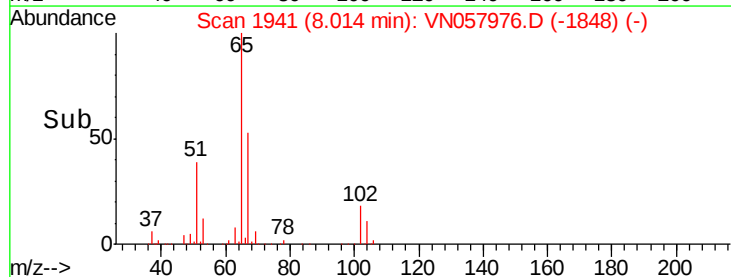
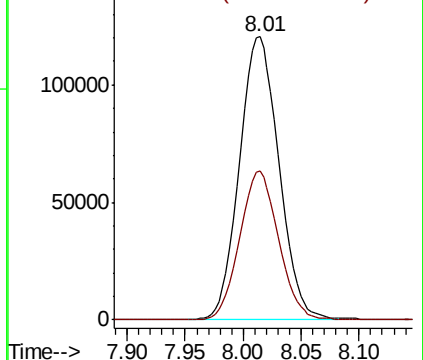


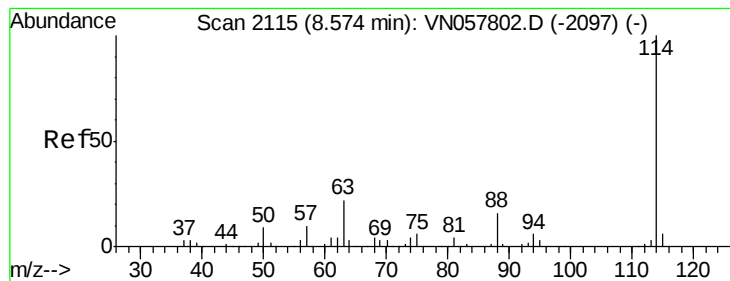
#33
1,2-Dichloroethane-d4
Concen: 57.955 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057976.D
Acq: 12 Sep 2019 18:14

Tgt Ion: 65 Resp: 285641
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2116

Delta R.T. 0.00 min

Lab File: VN057976.D

Acq: 12 Sep 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW507-K-091119

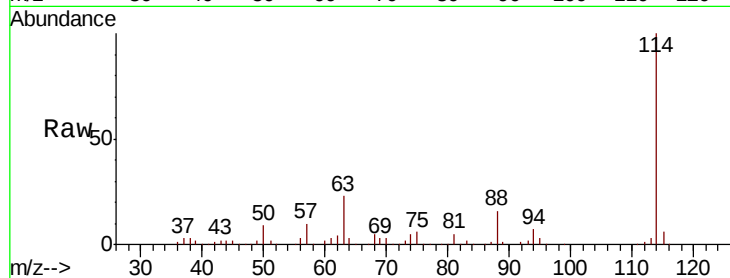
Tgt Ion:114 Resp: 411379

Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.0

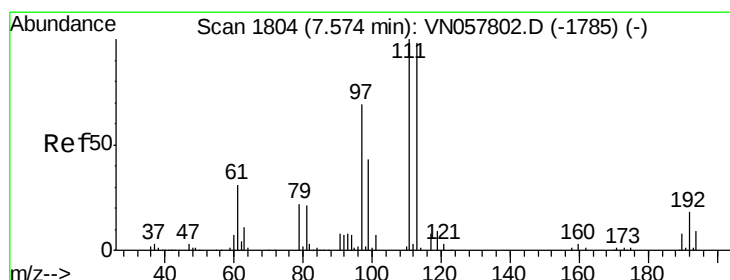
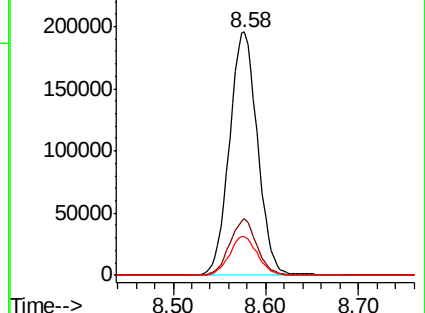
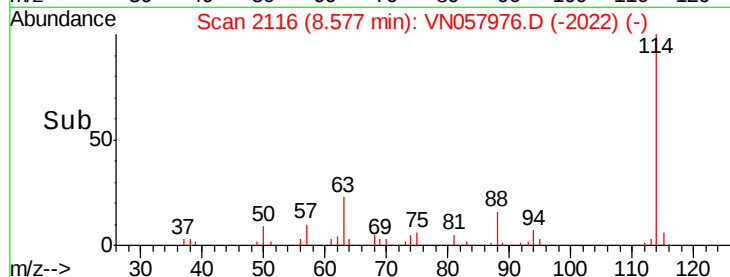
88 16.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 52.902 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN057976.D

Acq: 12 Sep 2019 18:14

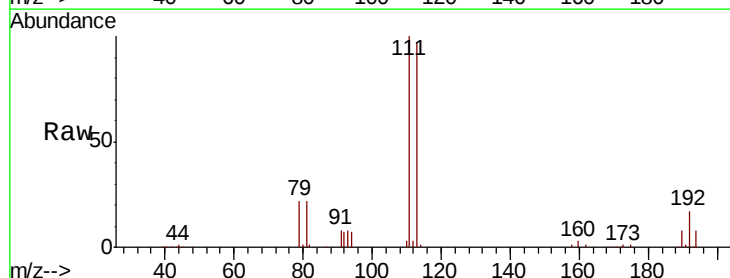
Tgt Ion:113 Resp: 200861

Ion Ratio Lower Upper

113 100

111 104.3 81.3 121.9

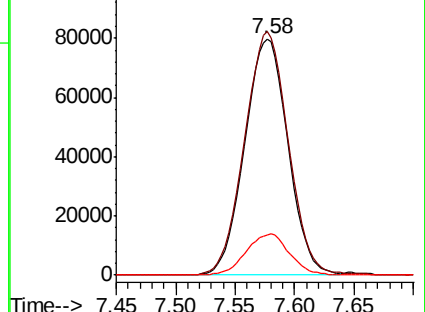
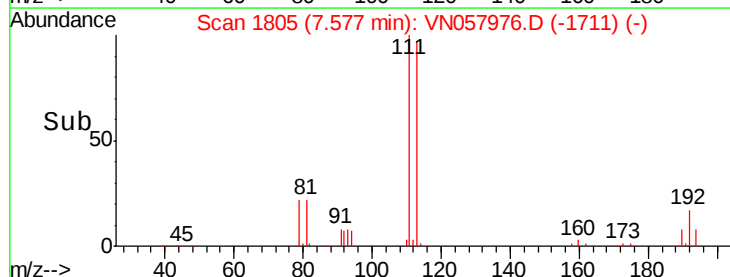
192 17.4 14.6 22.0

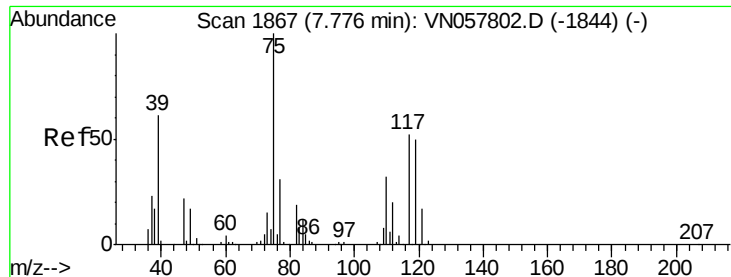


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.717 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.13 min

Lab File: VN057976.D

Acq: 12 Sep 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW507-K-091119

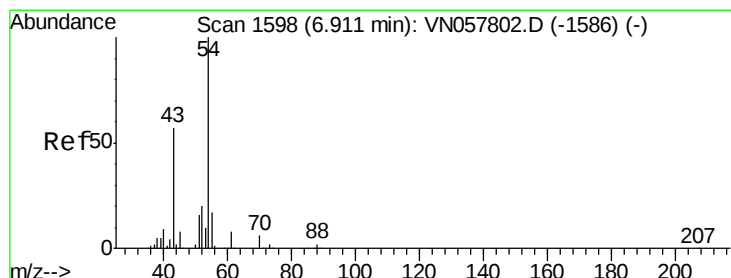
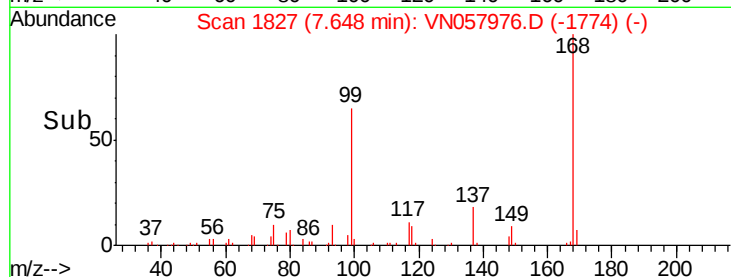
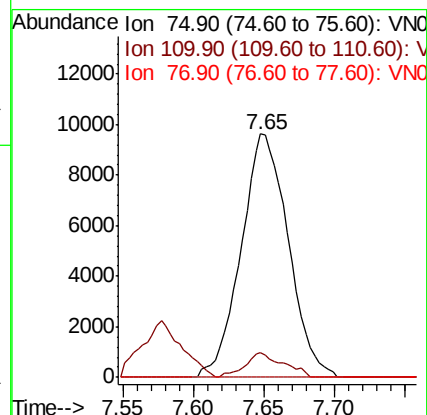
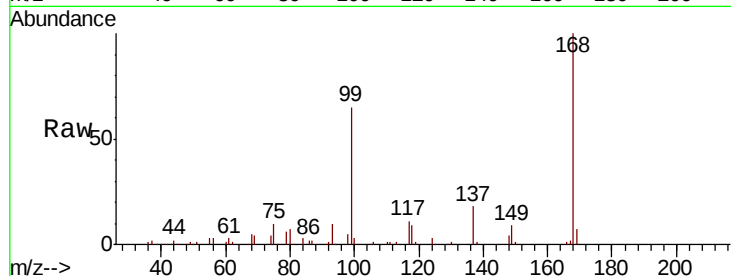
Tgt Ion: 75 Resp: 22506

Ion Ratio Lower Upper

75 100

110 8.2 16.3 48.9#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 3.711 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.08 min

Lab File: VN057976.D

Acq: 12 Sep 2019 18:14

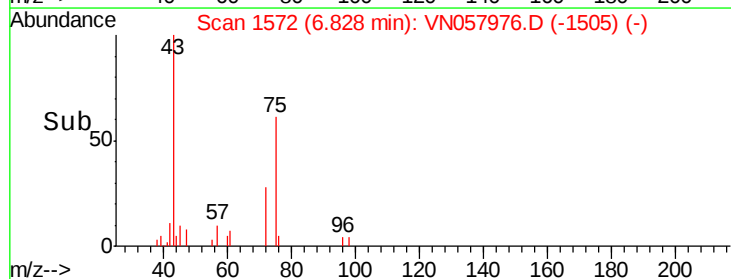
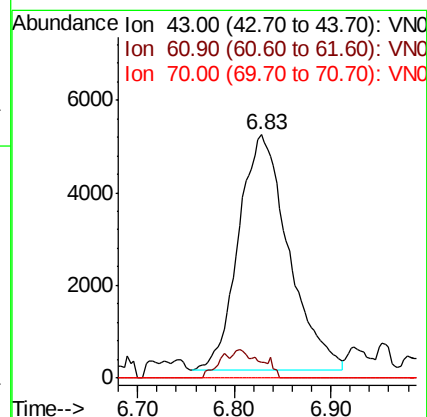
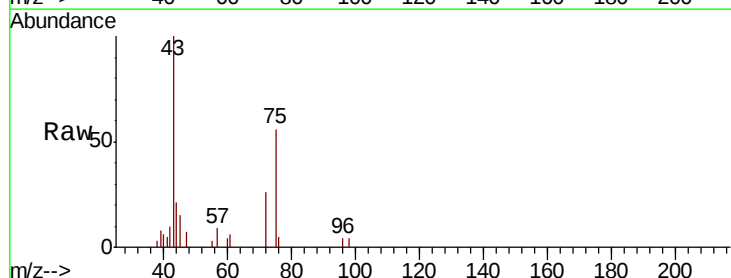
Tgt Ion: 43 Resp: 18290

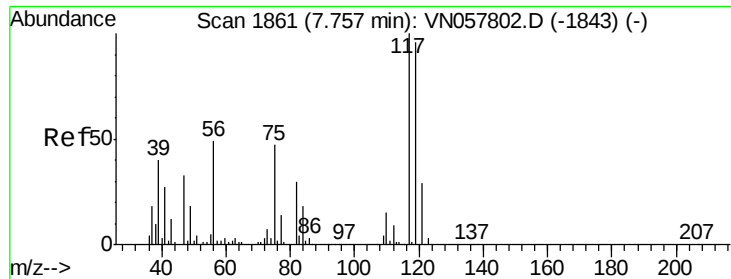
Ion Ratio Lower Upper

43 100

61 0.0 10.5 15.7#

70 0.0 7.4 11.0#





#38

Carbon Tetrachloride

Concen: 5.778 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN057976.D

Acq: 12 Sep 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW507-K-091119

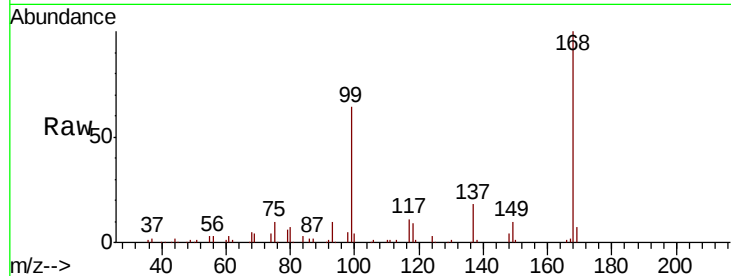
Tgt Ion:117 Resp: 25170

Ion Ratio Lower Upper

117 100

119 6.4 76.9 115.3#

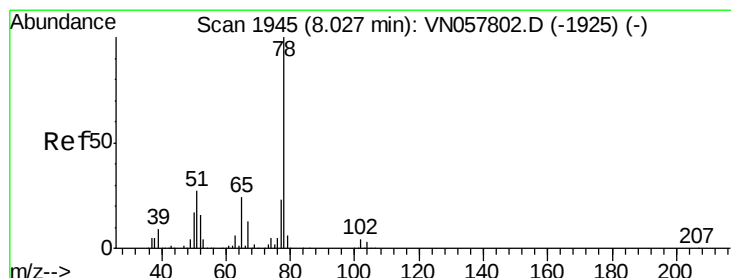
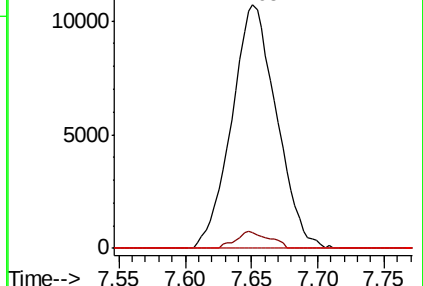
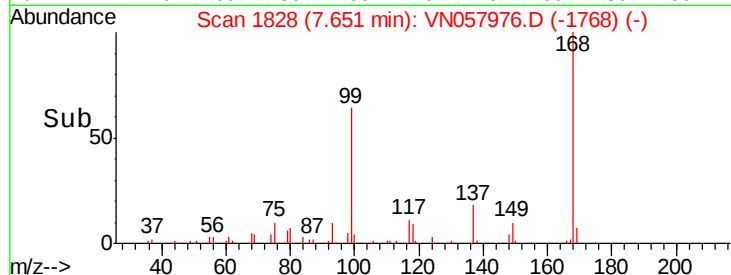
121 0.0 23.4 35.2#



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: 0.553 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN057976.D

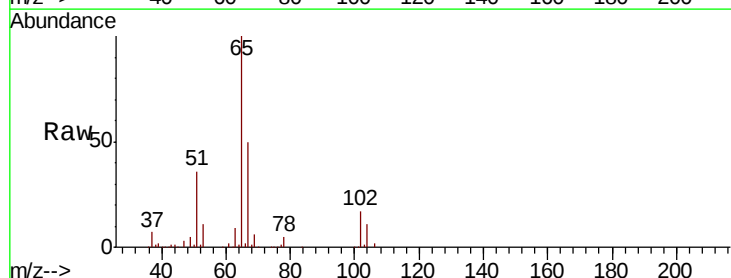
Acq: 12 Sep 2019 18:14

Tgt Ion: 78 Resp: 7940

Ion Ratio Lower Upper

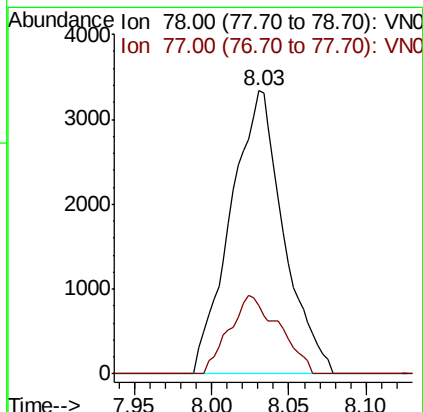
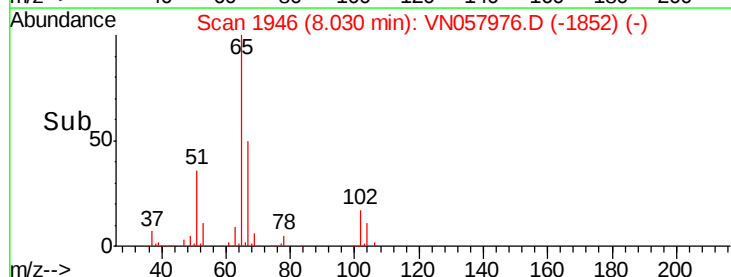
78 100

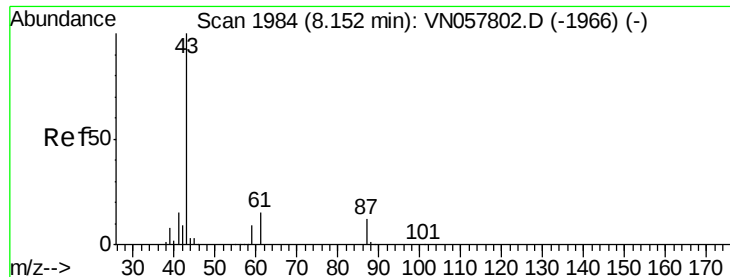
77 24.3 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): V

Ion 77.00 (76.70 to 77.70): V





#43

Isopropyl Acetate

Concen: 24.282 ug/l

RT: 8.21 min Scan# 2003

Delta R.T. 0.06 min

Lab File: VN057976.D

Acq: 12 Sep 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW507-K-091119

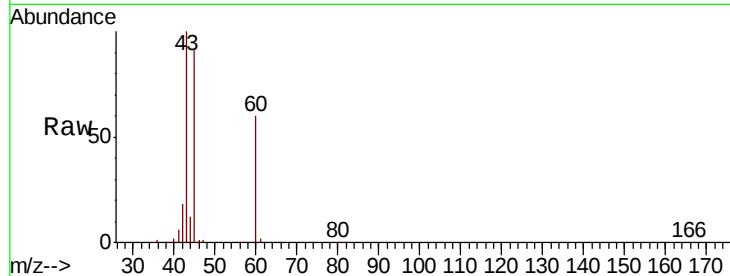
Tgt Ion: 43 Resp: 201283

Ion Ratio Lower Upper

43 100

61 0.3 20.1 30.1#

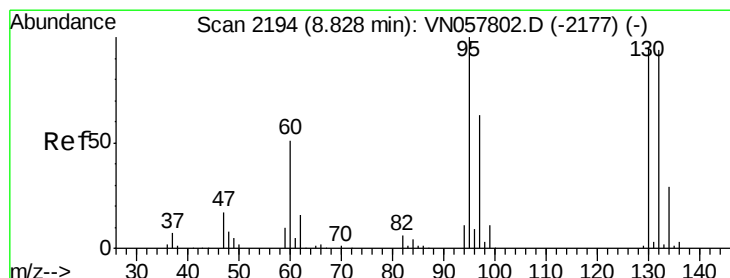
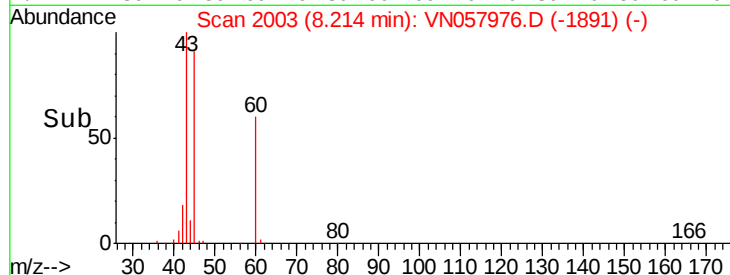
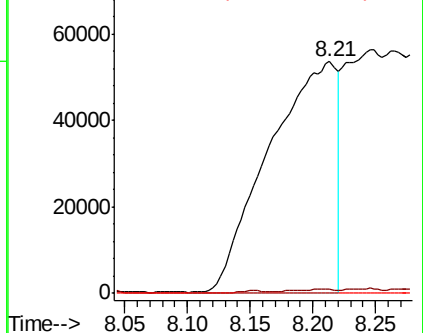
87 0.0 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 0.446 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. -0.01 min

Lab File: VN057976.D

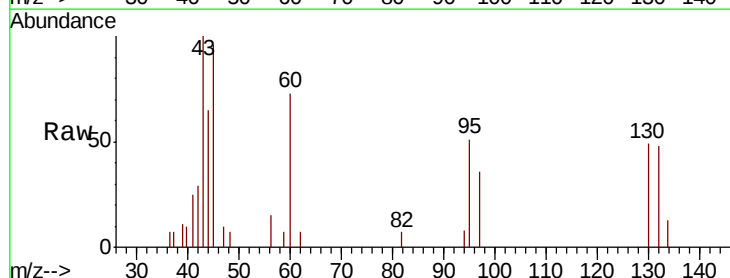
Acq: 12 Sep 2019 18:14

Tgt Ion: 130 Resp: 1573

Ion Ratio Lower Upper

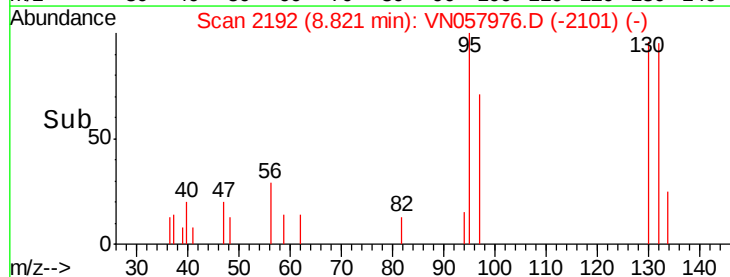
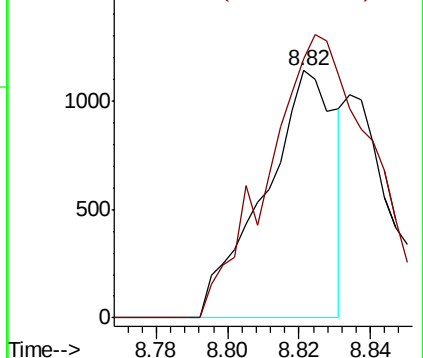
130 100

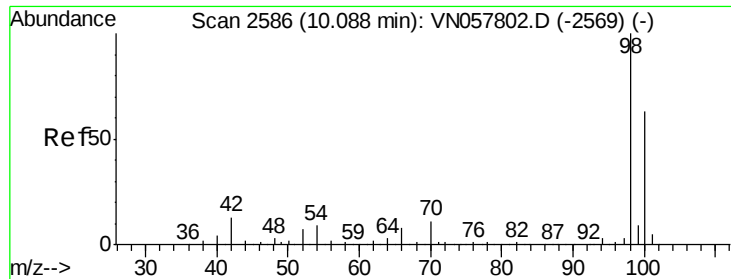
95 104.6 0.0 211.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#50

Toluene-d8

Concen: 50.708 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057976.D

Acq: 12 Sep 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

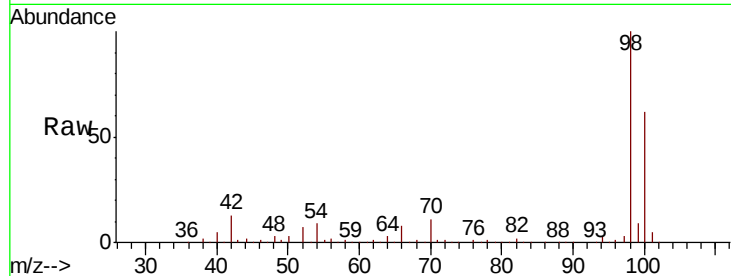
IDW-GW507-K-091119

Tgt Ion: 98 Resp: 747511

Ion Ratio Lower Upper

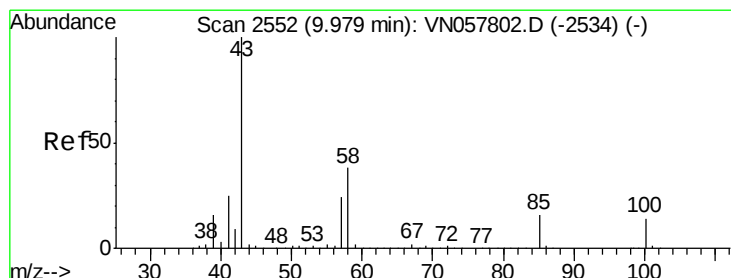
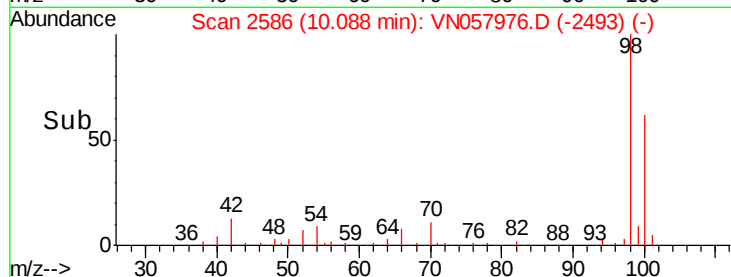
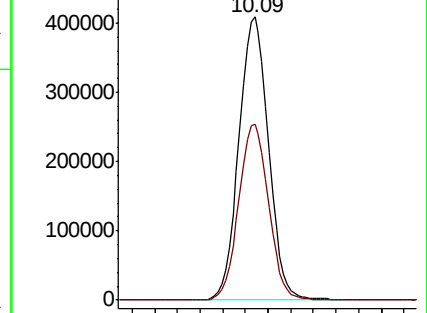
98 100

100 62.6 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 2.410 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057976.D

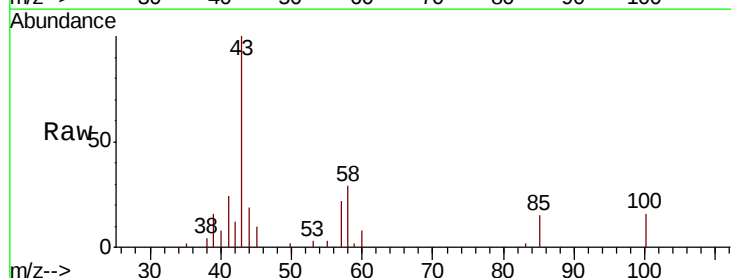
Acq: 12 Sep 2019 18:14

Tgt Ion: 43 Resp: 11824

Ion Ratio Lower Upper

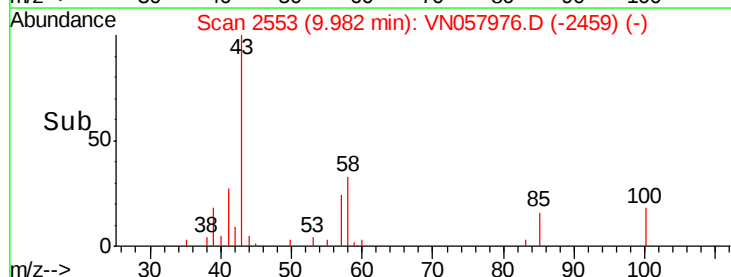
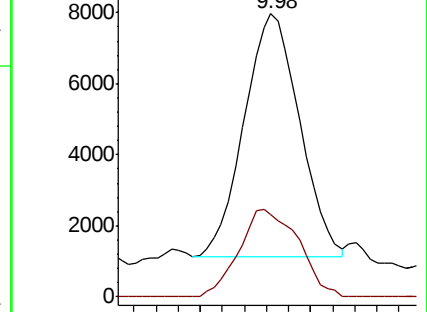
43 100

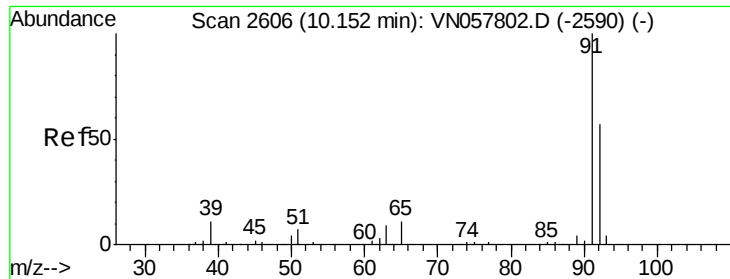
58 38.8 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#52

Toluene

Concen: 0.812 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN057976.D

Acq: 12 Sep 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

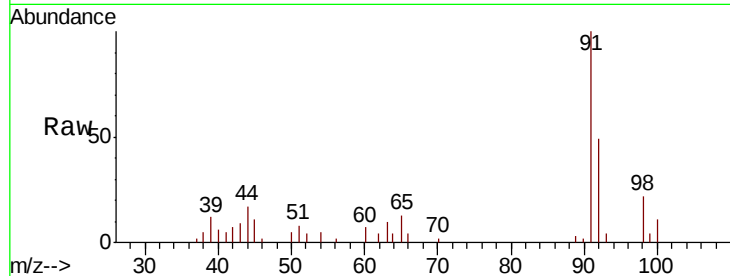
IDW-GW507-K-091119

Tgt Ion: 92 Resp: 7347

Ion Ratio Lower Upper

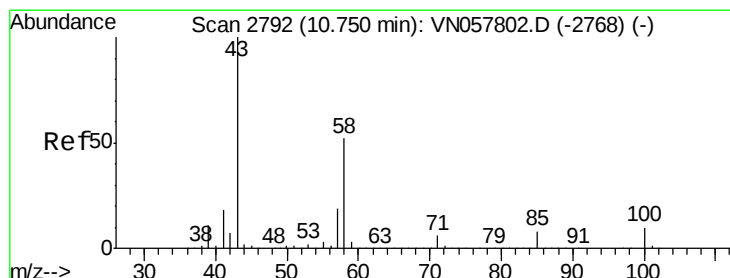
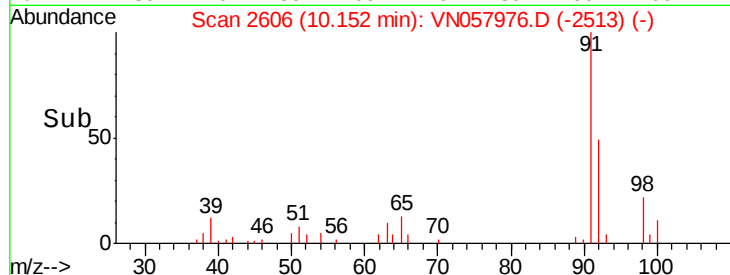
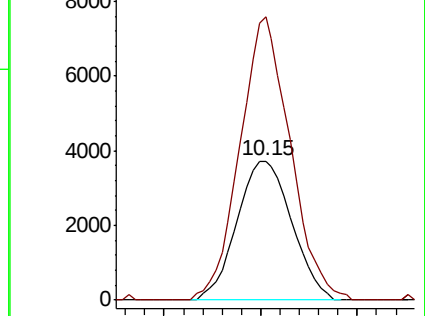
92 100

91 187.2 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#59

2-Hexanone

Concen: 0.917 ug/l

RT: 10.76 min Scan# 2794

Delta R.T. 0.01 min

Lab File: VN057976.D

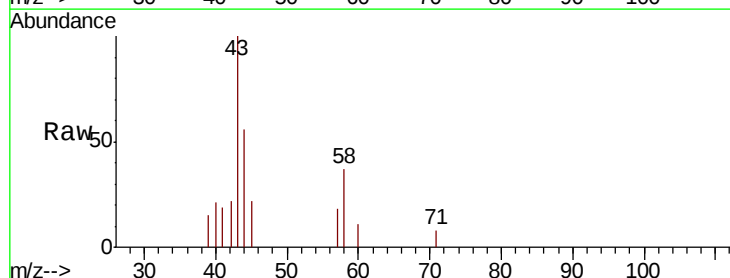
Acq: 12 Sep 2019 18:14

Tgt Ion: 43 Resp: 3371

Ion Ratio Lower Upper

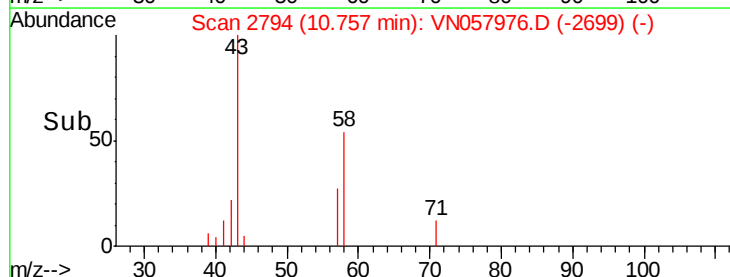
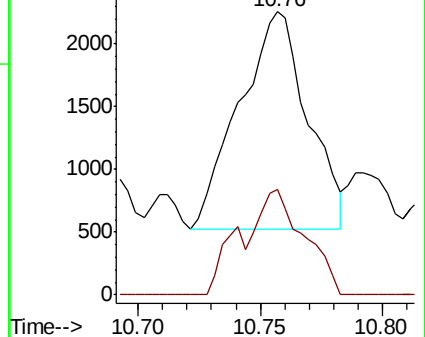
43 100

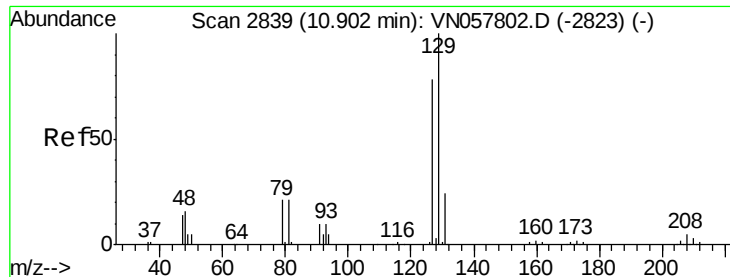
58 33.2 25.6 76.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#60

Dibromochloromethane

Concen: 9.377 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.27 min

Lab File: VN057976.D

Acq: 12 Sep 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

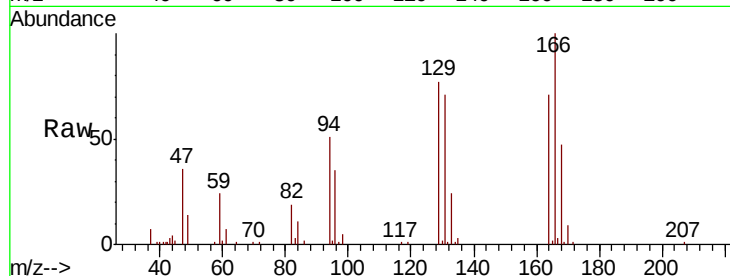
IDW-GW507-K-091119

Tgt Ion:129 Resp: 33367

Ion Ratio Lower Upper

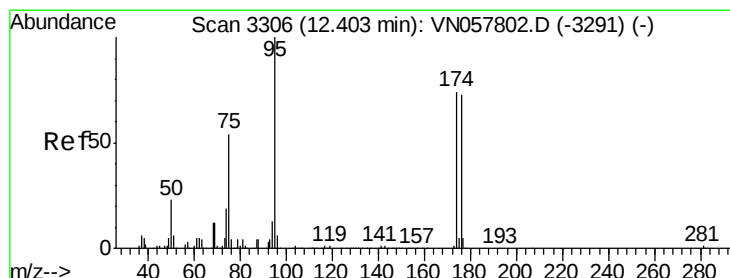
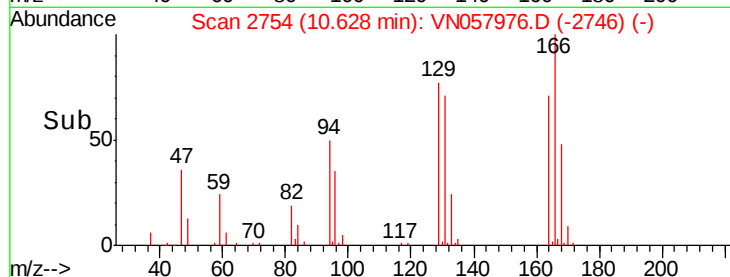
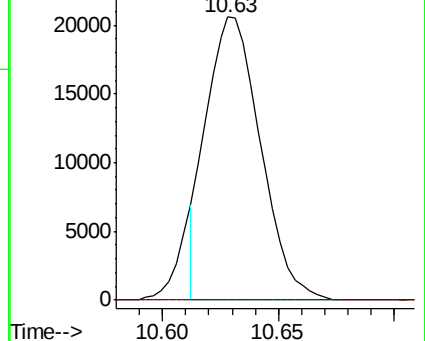
129 100

127 0.0 38.6 116.0#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 45.264 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN057976.D

Acq: 12 Sep 2019 18:14

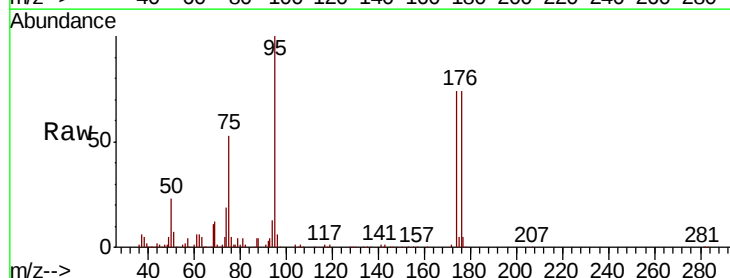
Tgt Ion: 95 Resp: 254284

Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.2

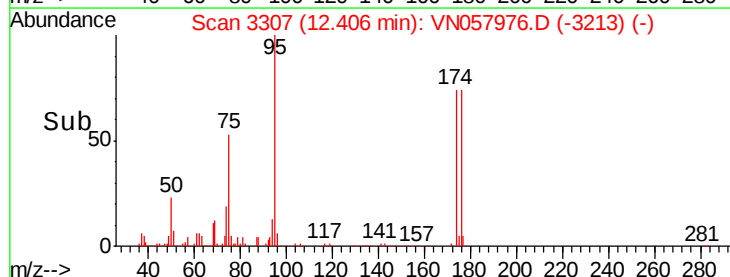
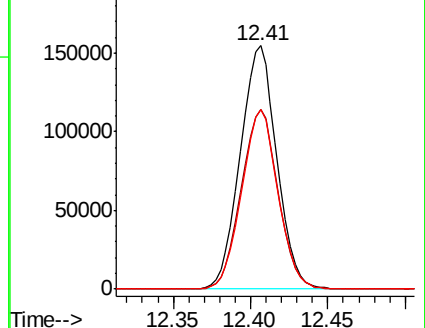
176 73.2 0.0 146.0

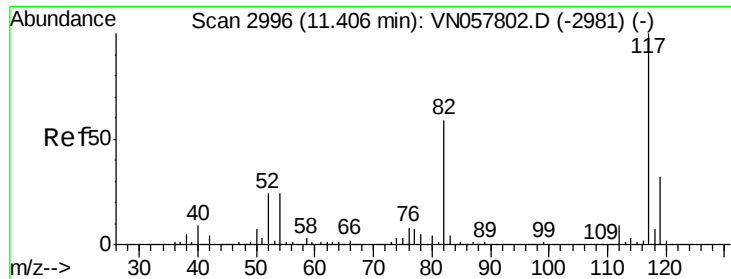


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

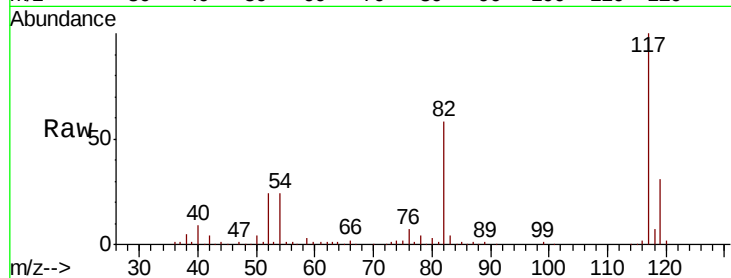




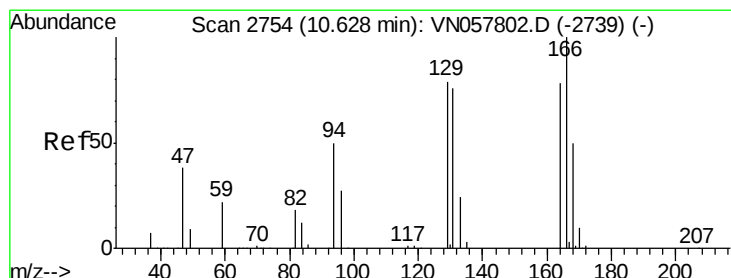
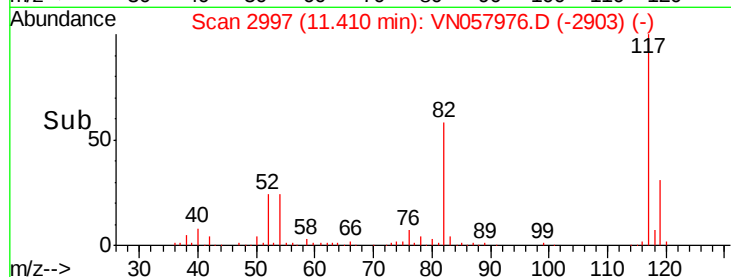
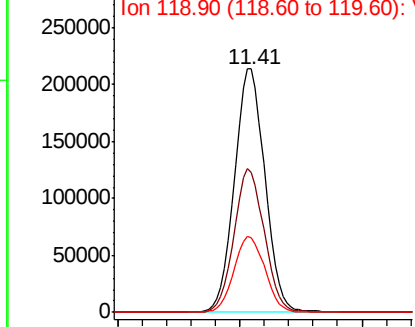
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN057976.D
Acq: 12 Sep 2019 18:14

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW507-K-091119

Tgt Ion:117 Resp: 370310
Ion Ratio Lower Upper
117 100
82 57.6 47.2 70.8
119 30.8 25.3 37.9

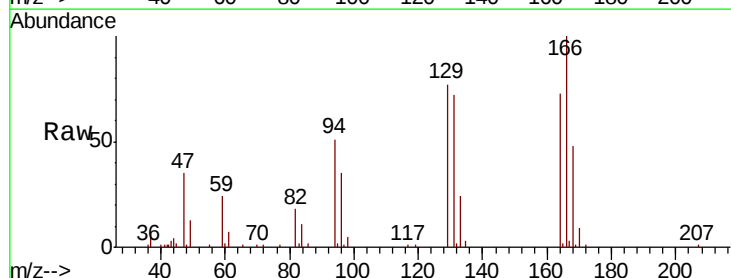


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

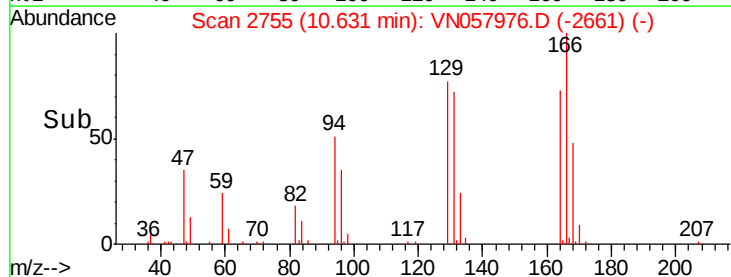
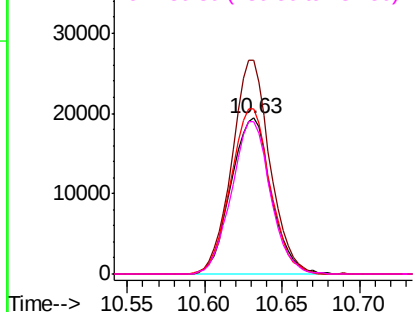


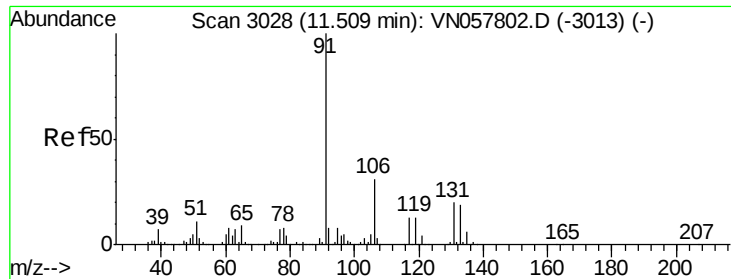
#64
Tetrachloroethene
Concen: 12.827 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN057976.D
Acq: 12 Sep 2019 18:14

Tgt Ion:164 Resp: 35071
Ion Ratio Lower Upper
164 100
166 136.7 102.2 153.2
129 105.5 80.8 121.2
131 98.0 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

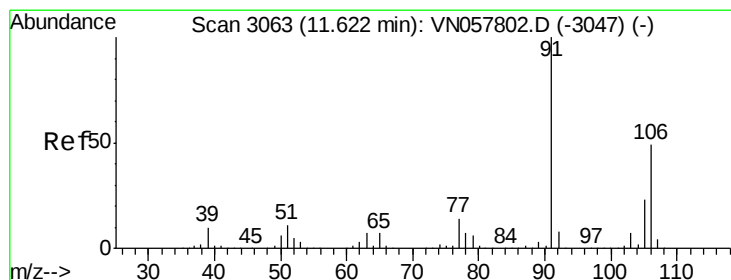
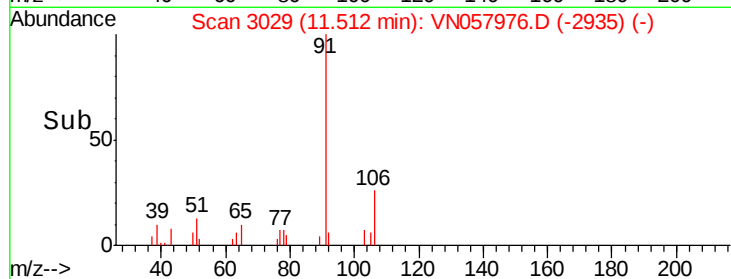
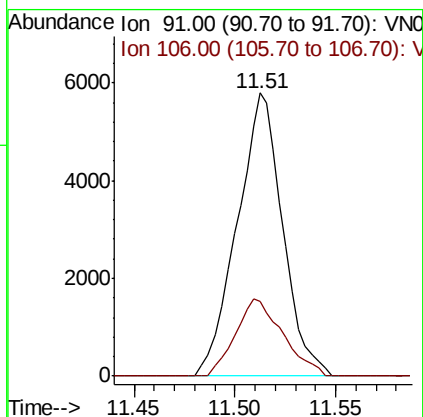
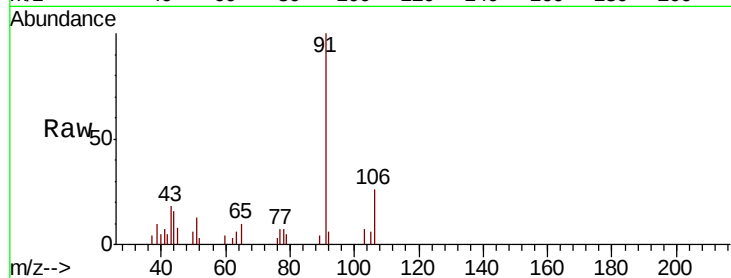




#67
Ethyl Benzene
Concen: 0.537 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN057976.D
Acq: 12 Sep 2019 18:14

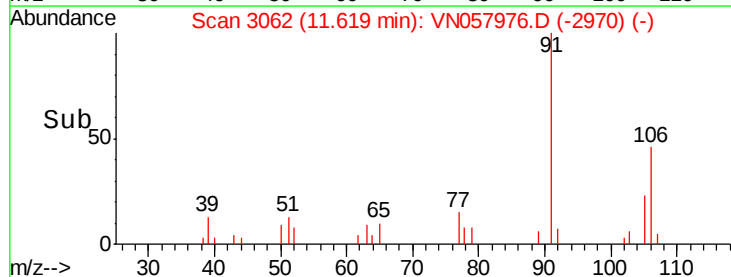
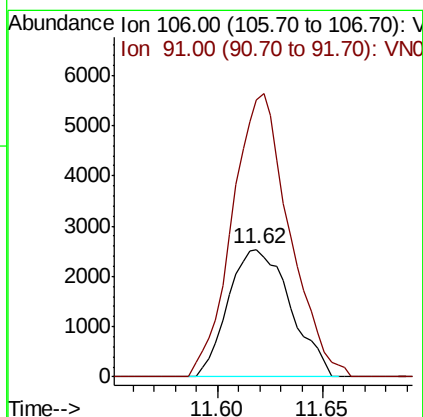
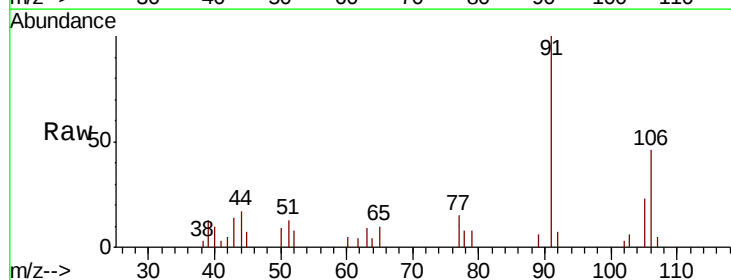
Instrument :
MSVOA_N
ClientSampleId :
IDW-GW507-K-091119

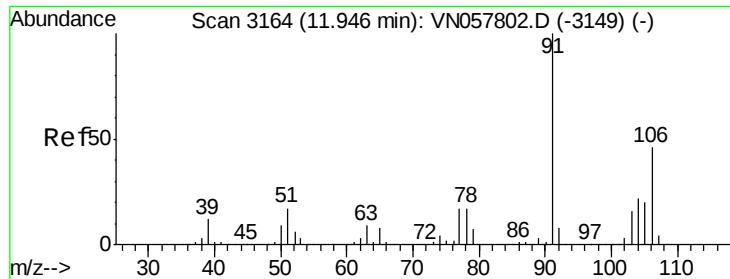
Tgt Ion: 91 Resp: 9124
Ion Ratio Lower Upper
91 100
106 26.3 24.4 36.6



#68
m/p-Xylenes
Concen: 0.831 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN057976.D
Acq: 12 Sep 2019 18:14

Tgt Ion: 106 Resp: 5173
Ion Ratio Lower Upper
106 100
91 204.9 165.8 248.6

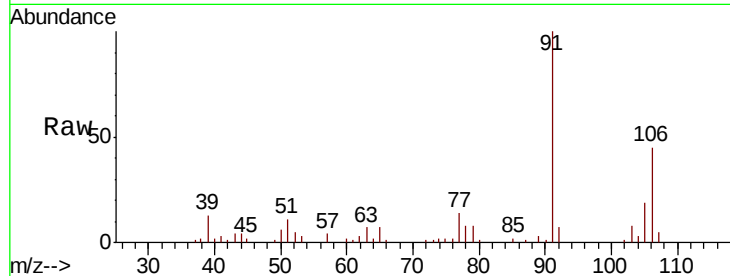




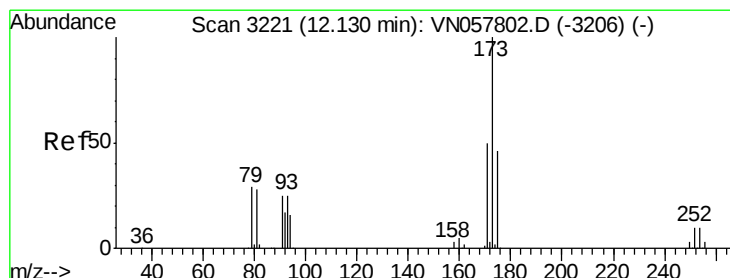
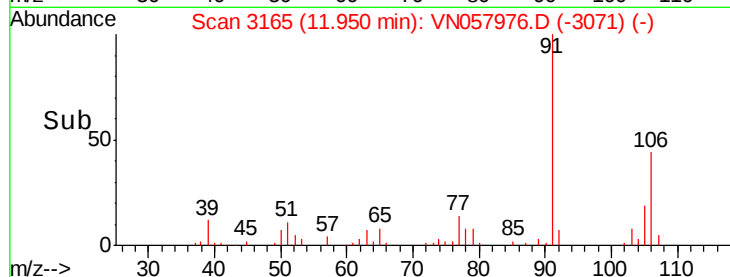
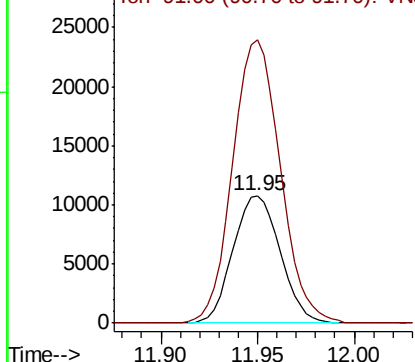
#69
o-Xylene
Concen: 2.956 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057976.D
Acq: 12 Sep 2019 18:14

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW507-K-091119

Tgt Ion:106 Resp: 18285
Ion Ratio Lower Upper
106 100
91 224.8 108.7 326.1

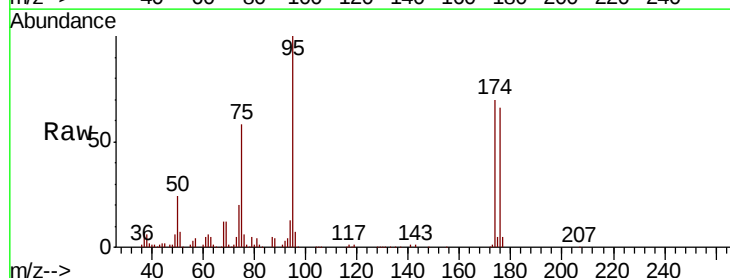


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

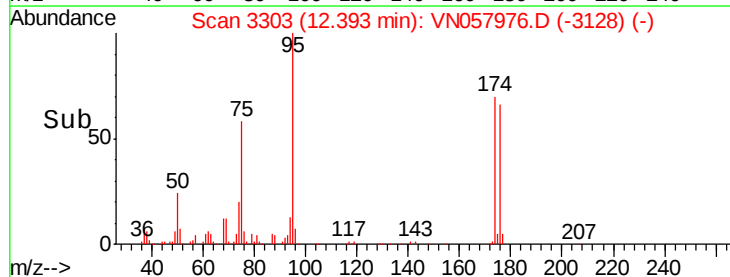
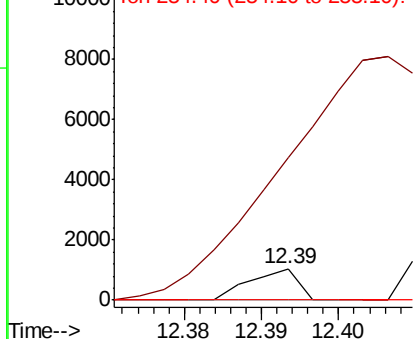


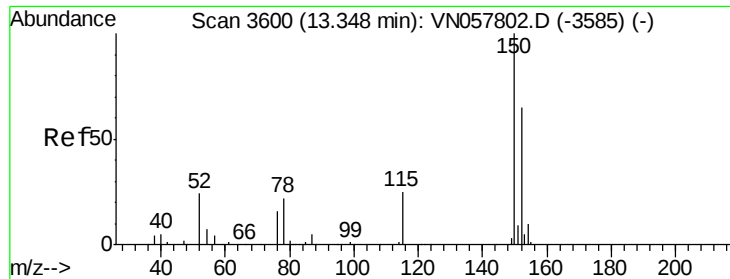
#71
Bromoform
Concen: 0.217 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.26 min
Lab File: VN057976.D
Acq: 12 Sep 2019 18:14

Tgt Ion:173 Resp: 455
Ion Ratio Lower Upper
173 100
175 0.0 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: VN057976.D

Acq: 12 Sep 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW507-K-091119

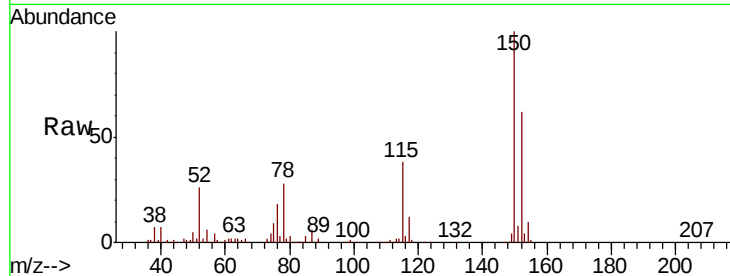
Tgt Ion:152 Resp: 200955

Ion Ratio Lower Upper

152 100

115 61.1 30.3 91.0

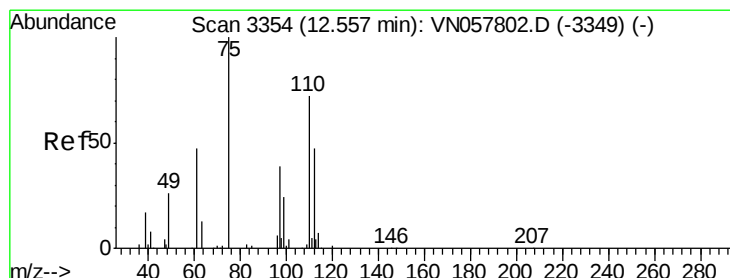
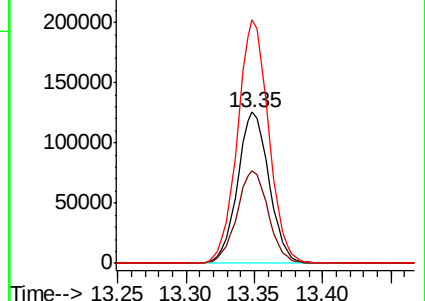
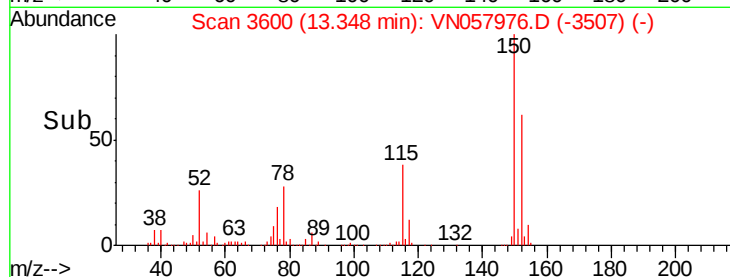
150 159.1 0.0 352.4



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: 30.788 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057976.D

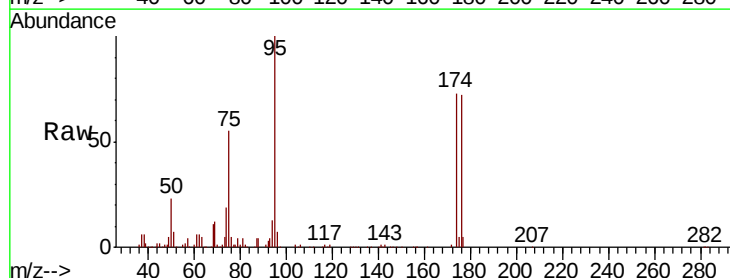
Acq: 12 Sep 2019 18:14

Tgt Ion: 75 Resp: 139960

Ion Ratio Lower Upper

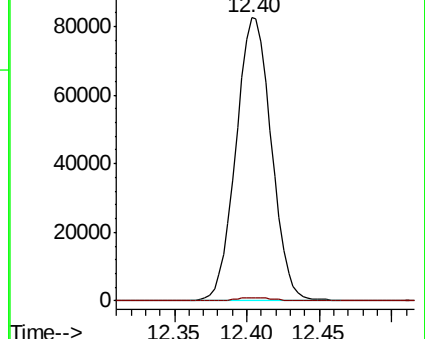
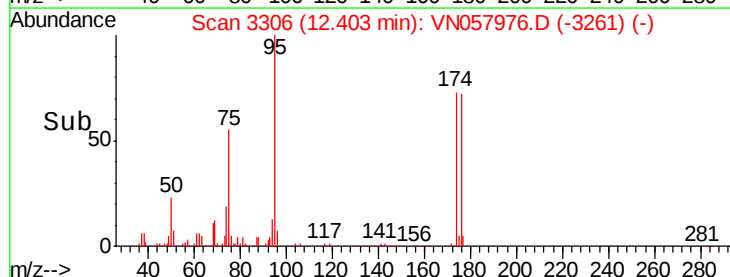
75 100

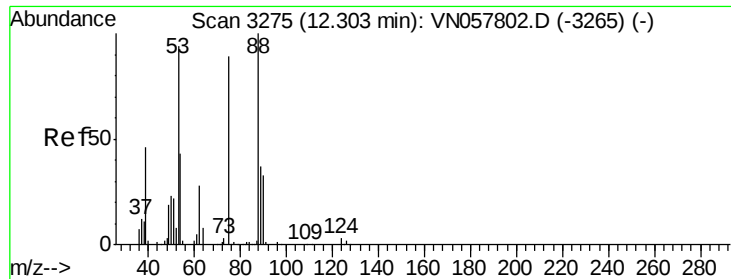
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 108.343 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057976.D

Acq: 12 Sep 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW507-K-091119

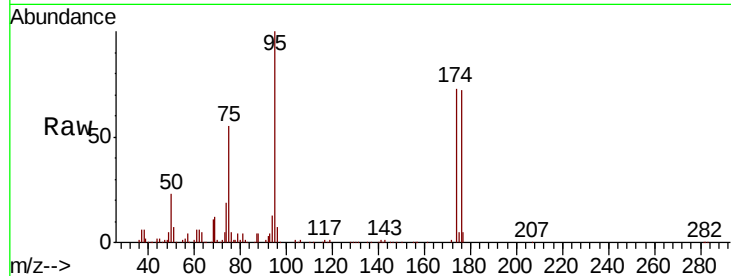
Tgt Ion: 75 Resp: 139960

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

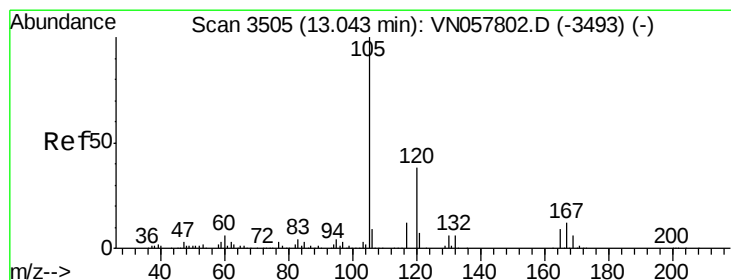
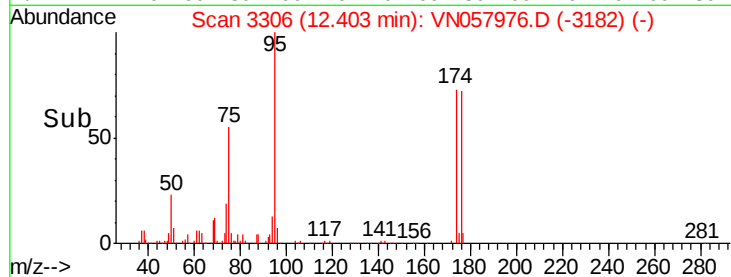
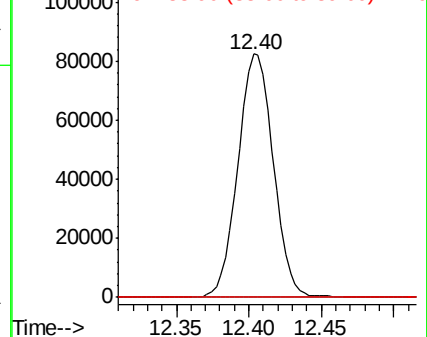
89 0.0 35.3 52.9#



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: 0.277 ug/l

RT: 13.05 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN057976.D

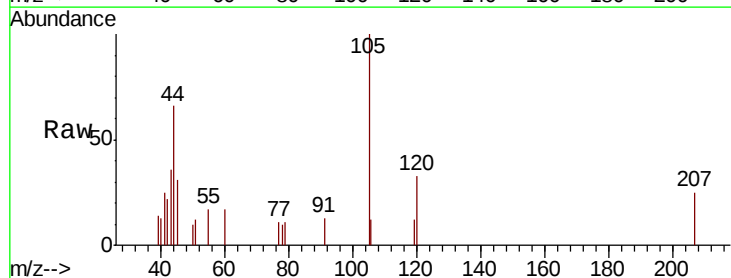
Acq: 12 Sep 2019 18:14

Tgt Ion: 105 Resp: 3705

Ion Ratio Lower Upper

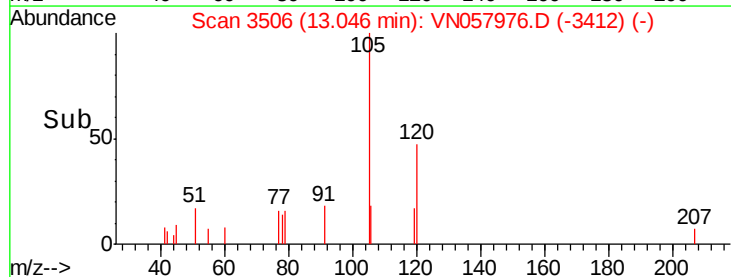
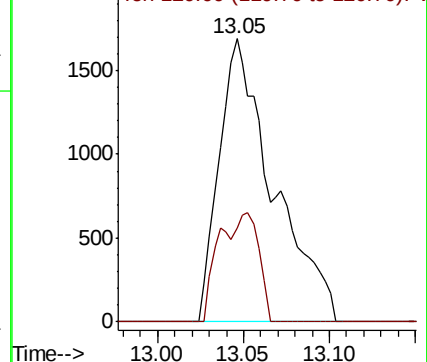
105 100

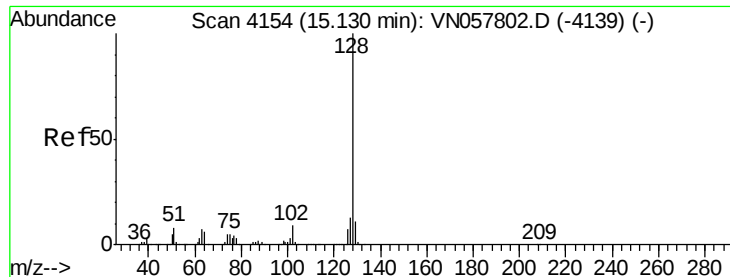
120 28.3 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 3.878 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN057976.D

Acq: 12 Sep 2019 18:14

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW507-K-091119

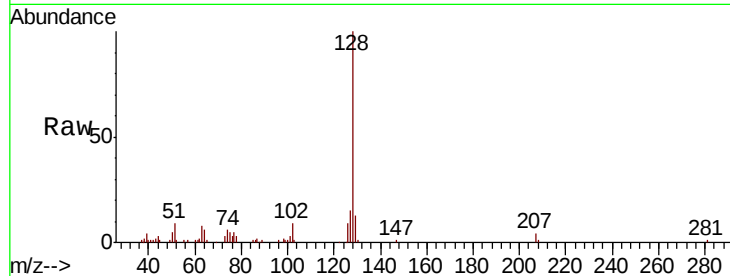
Tgt Ion:128 Resp: 62674

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

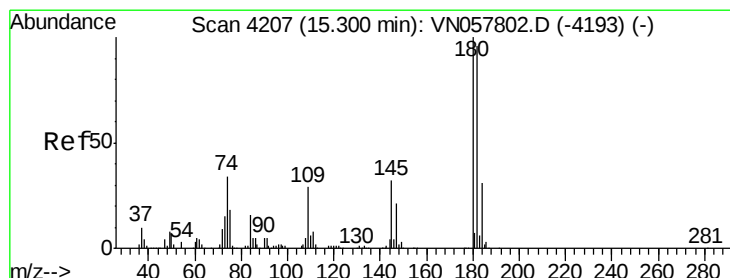
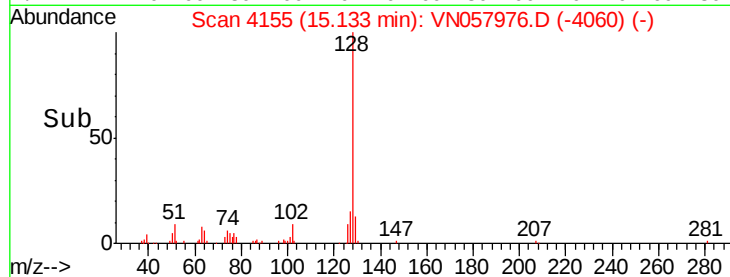
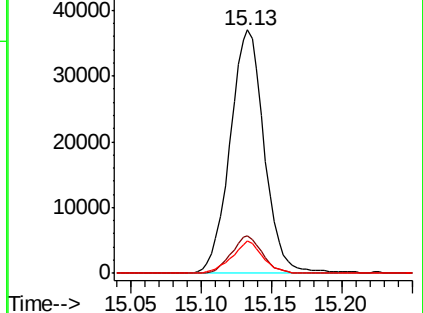
129 11.9 8.6 12.8



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: 1.168 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN057976.D

Acq: 12 Sep 2019 18:14

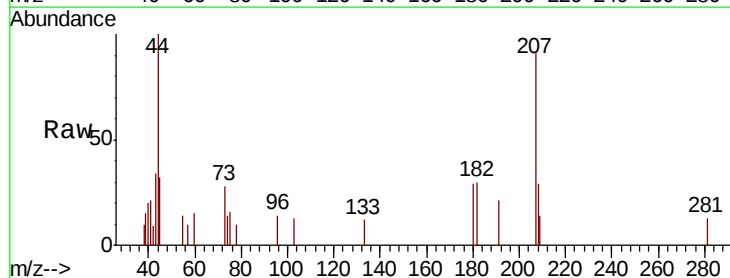
Tgt Ion:180 Resp: 703

Ion Ratio Lower Upper

180 100

182 60.0 48.3 144.8

145 0.0 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

