

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091319\
 Data File : VN057979.D
 Acq On : 12 Sep 2019 19:21
 Operator : JC/SP
 Sample : K4859-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW807-091119

Quant Time: Sep 13 04:49:08 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	256418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	434215	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	390023	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	211864	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	299086	57.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.18%	
35) Dibromofluoromethane	7.58	113	212672	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
50) Toluene-d8	10.09	98	782050	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.41	95	271239	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	

Target Compounds					Qvalue	
3) Chloromethane	2.04	50	904	0.250	ug/l #	43
5) Bromomethane	2.56	94	419	Below Cal	#	52
11) Tert butyl alcohol	4.76	59	593	0.943	ug/l #	72
16) Acetone	3.80	43	133239	78.259	ug/l	100
17) Carbon Disulfide	4.02	76	379	0.247	ug/l #	75
18) Methyl Acetate	4.32	43	5949	1.311	ug/l #	76
20) Methylene Chloride	4.52	84	509	Below Cal	#	52
21) trans-1,2-Dichloroethene	5.03	96	4264	1.445	ug/l #	85
25) 2-Butanone	6.82	43	21865	8.873	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	19923	5.037	ug/l	90
28) Bromochloromethane	7.36	49	8922	2.608	ug/l #	19
30) Chloroform	7.36	83	96502	13.477	ug/l	98
31) Cyclohexane	7.64	56	7205	Below Cal	#	44
36) 1,1-Dichloropropene	7.65	75	21868	4.343	ug/l #	51
37) Ethyl Acetate	6.82	43	21865	4.202	ug/l #	1
38) Carbon Tetrachloride	7.65	117	27144	5.904	ug/l #	16
40) Benzene	8.03	78	7499	0.495	ug/l	96
43) Isopropyl Acetate	8.27	43	303781	34.720	ug/l #	56
44) Trichloroethene	8.83	130	56155	15.101	ug/l	95
48) Methyl methacrylate	9.16	41	5771	1.300	ug/l #	29
51) 4-Methyl-2-Pentanone	9.98	43	16888	3.262	ug/l	99
52) Toluene	10.16	92	8818	0.923	ug/l	98
59) 2-Hexanone	10.75	43	3657	0.942	ug/l	82
60) Dibromochloromethane	10.63	129	15432	4.109	ug/l #	11
64) Tetrachloroethene	10.63	164	16712	5.803	ug/l	93
67) Ethyl Benzene	11.51	91	8914	0.498	ug/l	98
68) m/p-Xylenes	11.62	106	5845	0.892	ug/l	92
69) o-Xylene	11.95	106	13182	2.024	ug/l	94
71) Bromoform	12.40	173	1240	0.562	ug/l #	1
74) N-amyl acetate	12.03	43	8375	1.171	ug/l #	47
76) 1,2,3-Trichloropropane	12.41	75	149901	31.277	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	149901	110.063	ug/l #	6
84) 1,2,4-Trimethylbenzene	13.05	105	4759	0.337	ug/l	78
95) Naphthalene	15.13	128	52803	2.773	ug/l	99

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

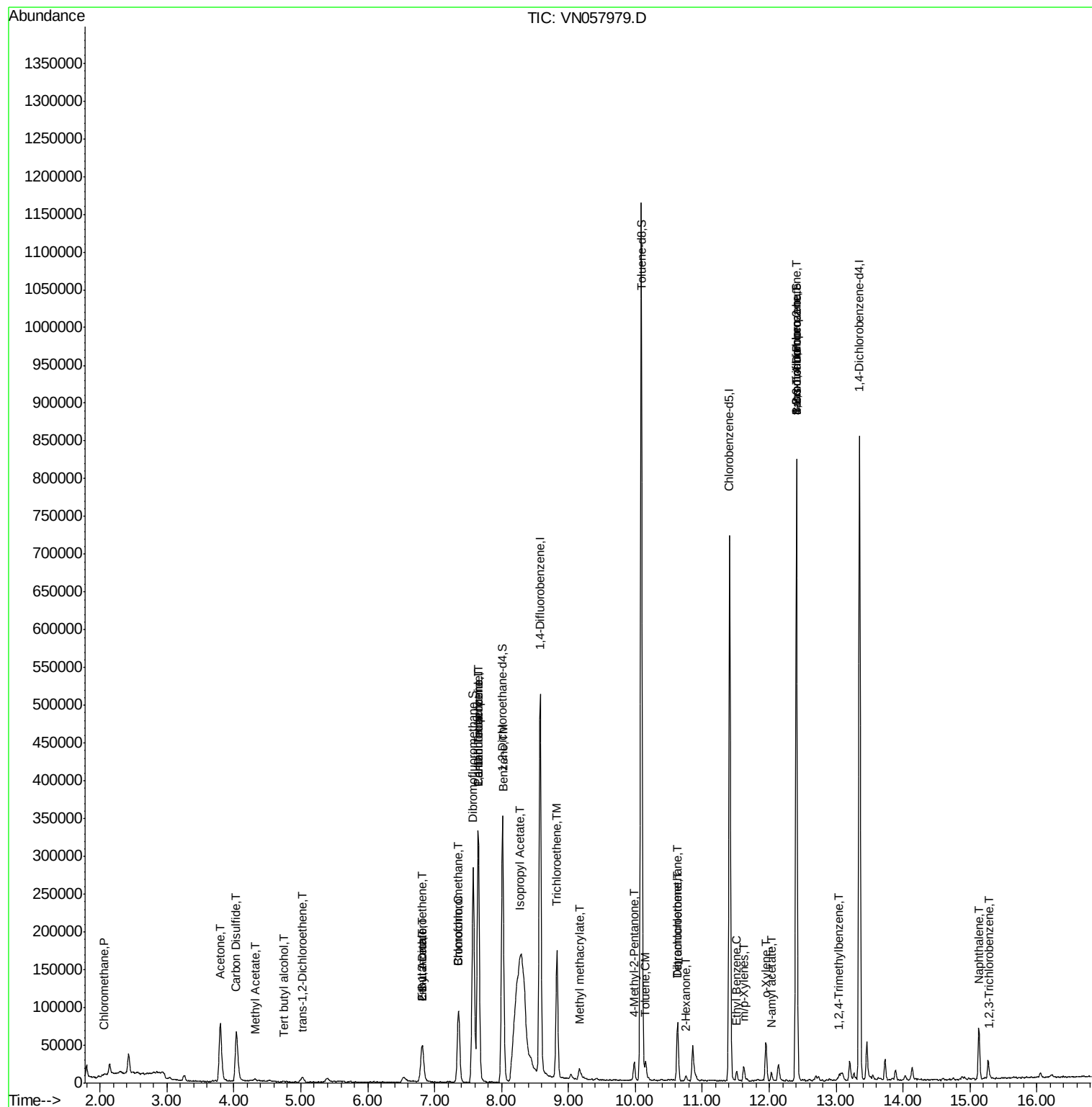
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.30	180	983	1.223	ug/l	93

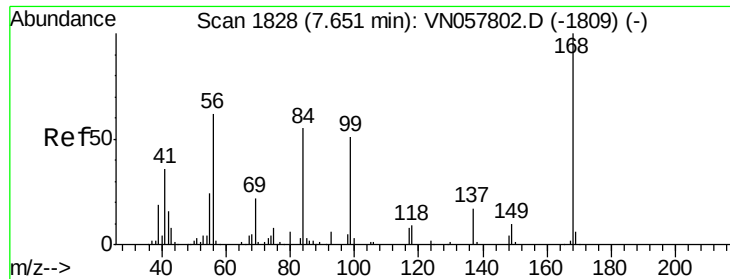
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091319\
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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: VN057979.D

Acq: 12 Sep 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

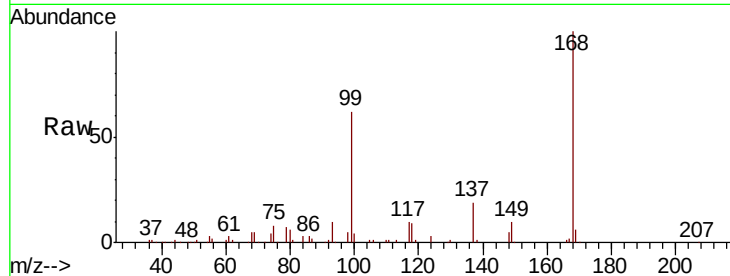
IDW-GW807-091119

Tgt Ion: 168 Resp: 256418

Ion Ratio Lower Upper

168 100

99 62.1 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

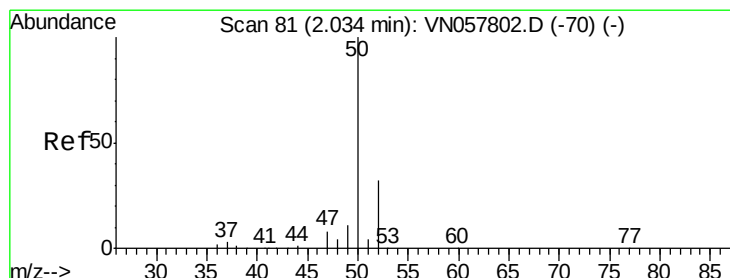
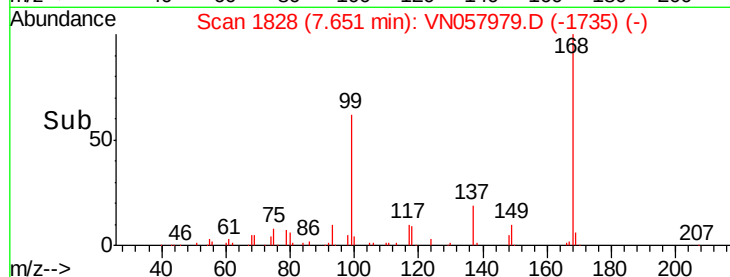
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.250 ug/l

RT: 2.04 min Scan# 84

Delta R.T. 0.01 min

Lab File: VN057979.D

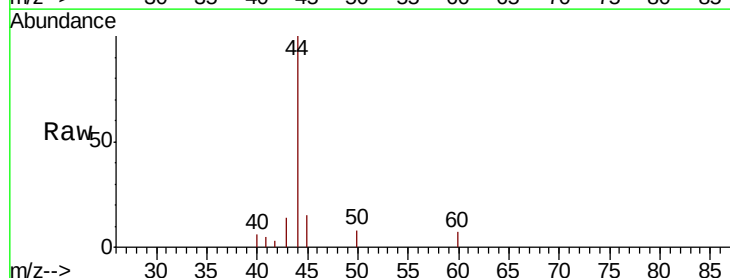
Acq: 12 Sep 2019 19:21

Tgt Ion: 50 Resp: 904

Ion Ratio Lower Upper

50 100

52 0.0 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

600

500

400

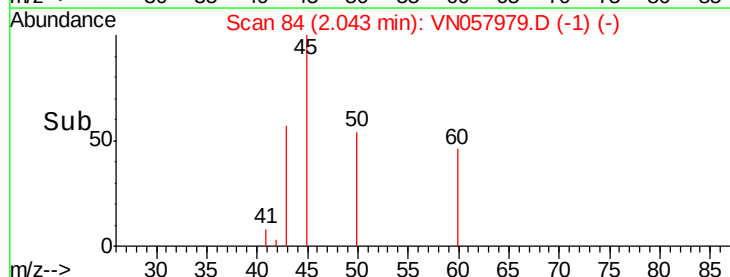
300

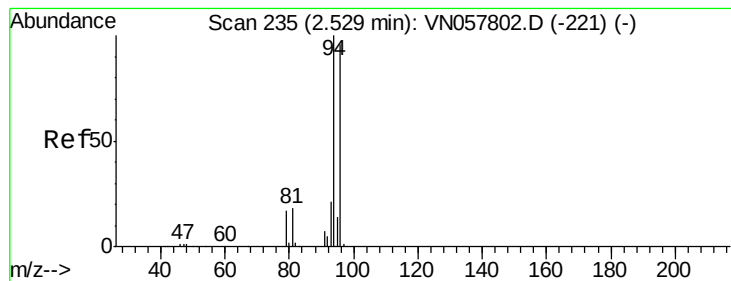
200

100

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 2.56 min Scan# 244

Delta R.T. 0.03 min

Lab File: VN057979.D

Acq: 12 Sep 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

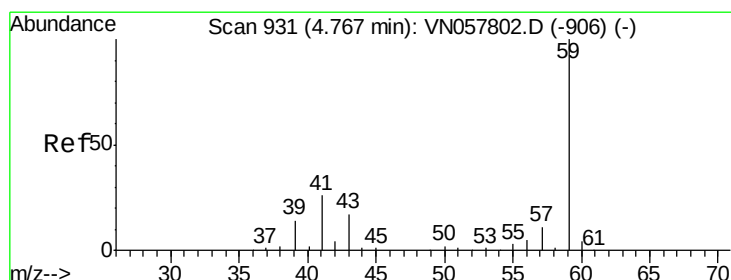
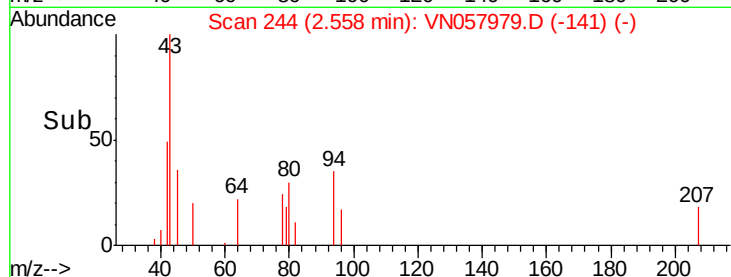
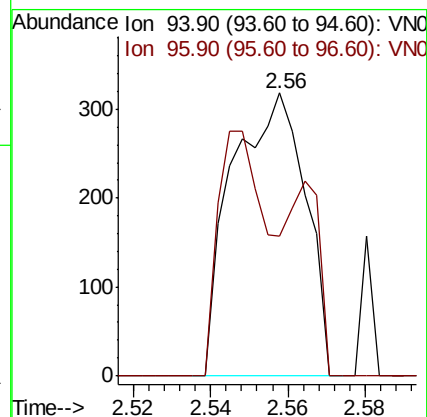
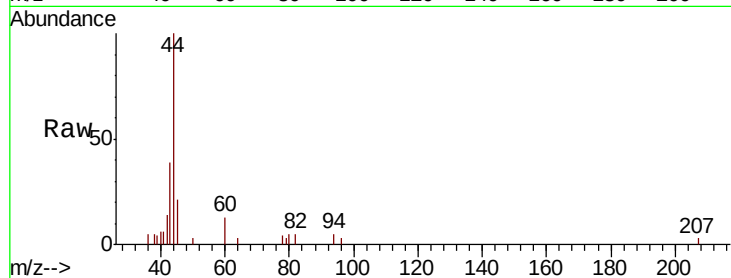
IDW-GW807-091119

Tgt Ion: 94 Resp: 419

Ion Ratio Lower Upper

94 100

96 49.4 77.0 115.4#



#11

Tert butyl alcohol

Concen: 0.943 ug/l

RT: 4.76 min Scan# 929

Delta R.T. -0.01 min

Lab File: VN057979.D

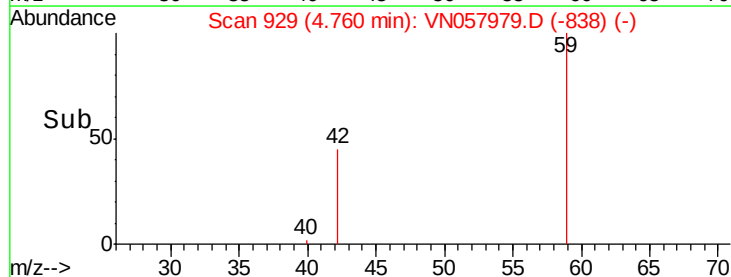
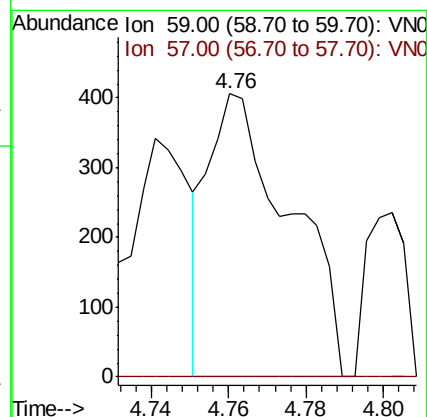
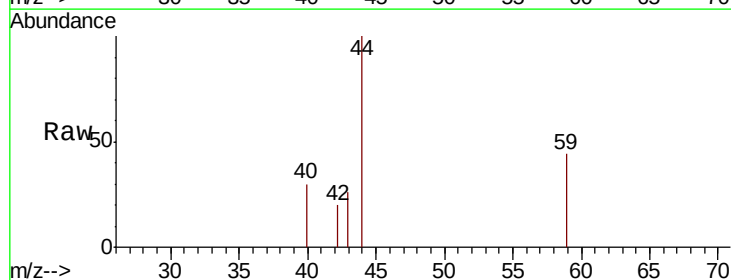
Acq: 12 Sep 2019 19:21

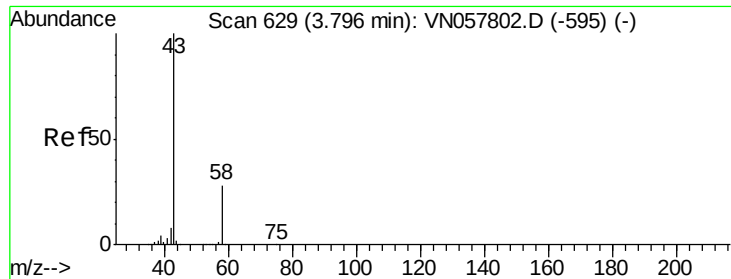
Tgt Ion: 59 Resp: 593

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#

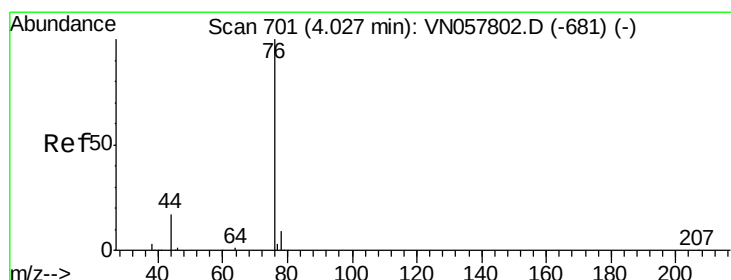
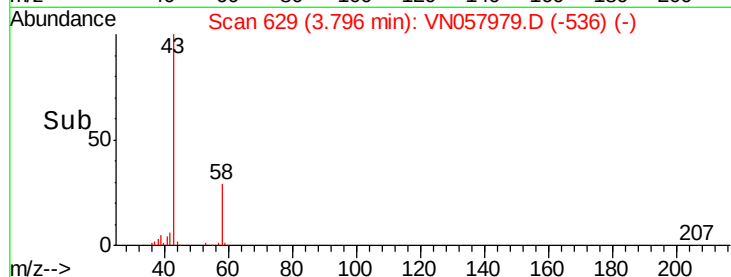
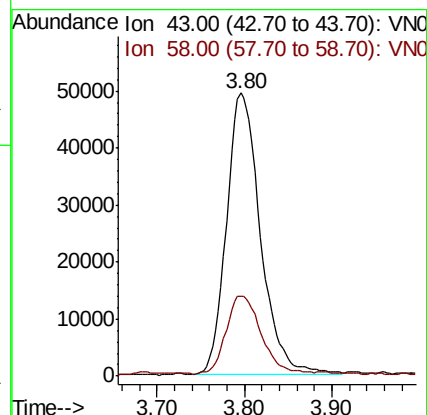
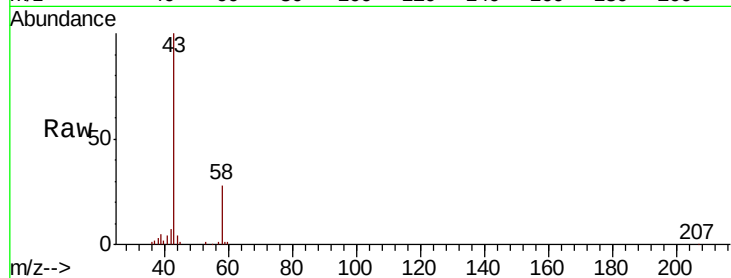




#16
Acetone
Concen: 78.259 ug/l
RT: 3.80 min Scan# 629
Delta R.T. 0.00 min
Lab File: VN057979.D
Acq: 12 Sep 2019 19:21

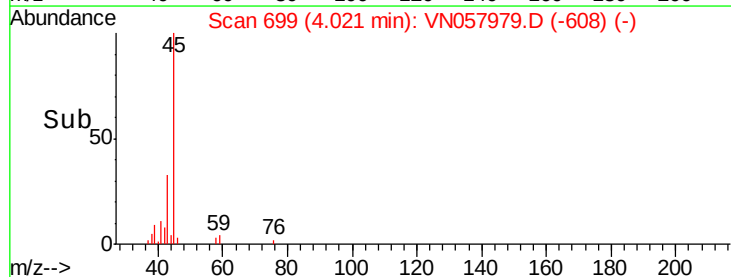
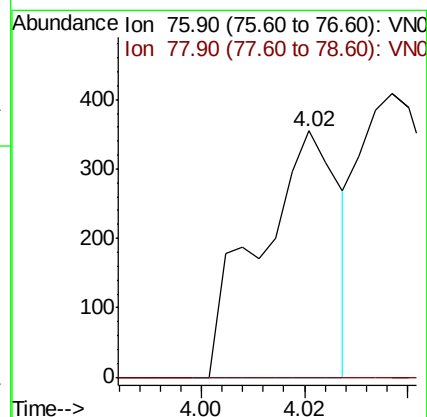
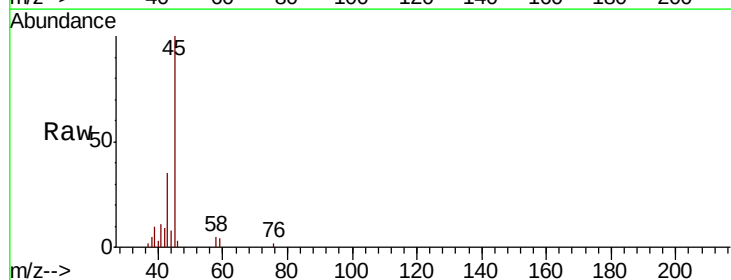
Instrument :
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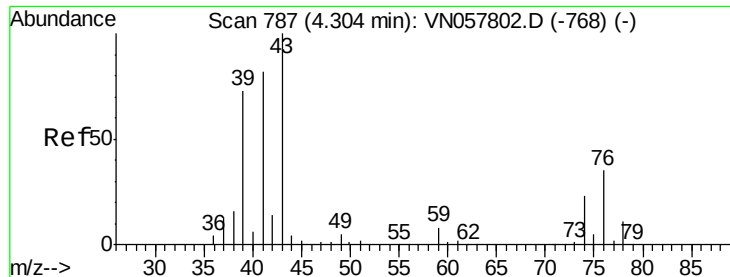
Tgt Ion: 43 Resp: 133239
Ion Ratio Lower Upper
43 100
58 27.7 22.2 33.2



#17
Carbon Disulfide
Concen: 0.247 ug/l
RT: 4.02 min Scan# 699
Delta R.T. -0.01 min
Lab File: VN057979.D
Acq: 12 Sep 2019 19:21

Tgt Ion: 76 Resp: 379
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#

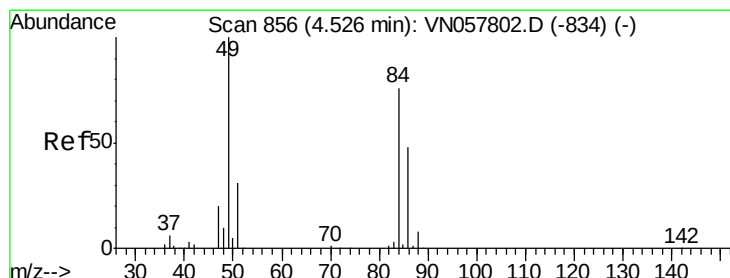
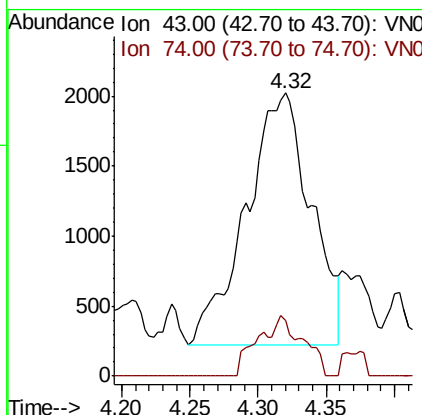
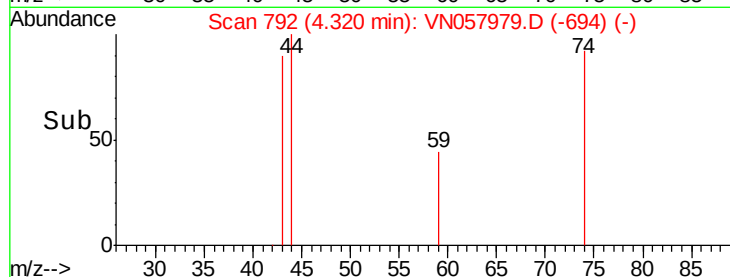
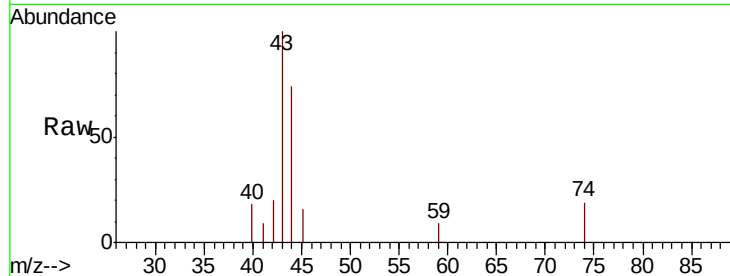




#18
Methyl Acetate
Concen: 1.311 ug/l
RT: 4.32 min Scan# 792
Delta R.T. 0.02 min
Lab File: VN057979.D
Acq: 12 Sep 2019 19:21

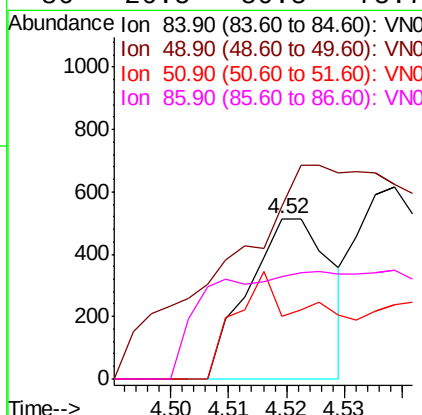
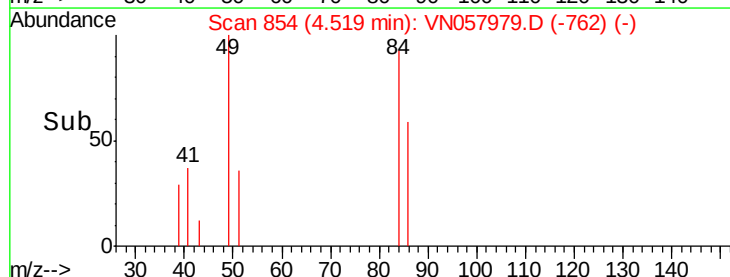
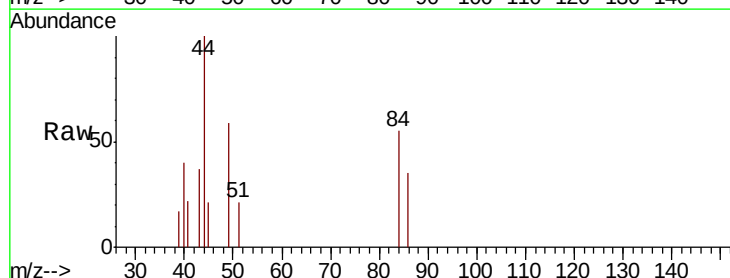
Instrument :
MSVOA_N
ClientSampleId :
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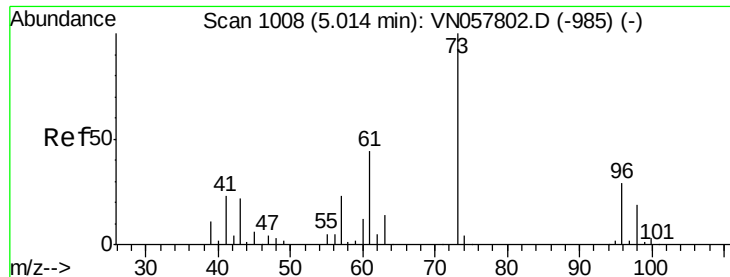
Tgt Ion: 43 Resp: 5949
Ion Ratio Lower Upper
43 100
74 10.9 17.9 26.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.52 min Scan# 854
Delta R.T. -0.01 min
Lab File: VN057979.D
Acq: 12 Sep 2019 19:21

Tgt Ion: 84 Resp: 509
Ion Ratio Lower Upper
84 100
49 57.2 104.8 157.2#
51 38.7 33.0 49.4
86 26.5 50.5 75.7#





#21

trans-1,2-Dichloroethene

Concen: 1.445 ug/l

RT: 5.03 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN057979.D

Acq: 12 Sep 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW807-091119

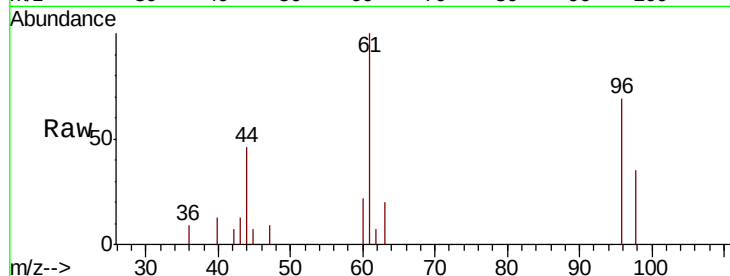
Tgt Ion: 96 Resp: 4264

Ion Ratio Lower Upper

96 100

61 134.6 121.9 182.9

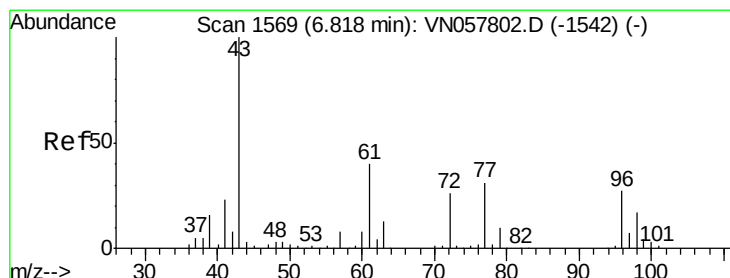
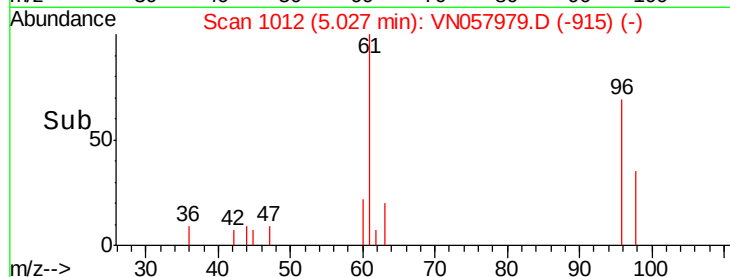
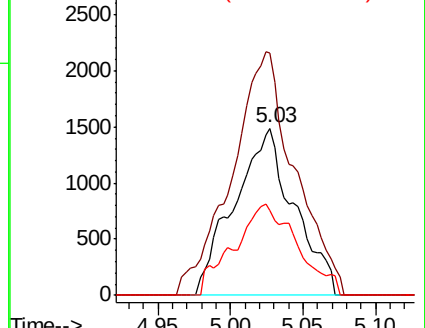
98 50.6 52.2 78.4#



Abundance Ion 95.90 (95.60 to 96.60): VN057802.D (-985) (-)

Ion 60.90 (60.60 to 61.60): VN057802.D (-985) (-)

Ion 97.90 (97.60 to 98.60): VN057802.D (-985) (-)



#25

2-Butanone

Concen: 8.873 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN057979.D

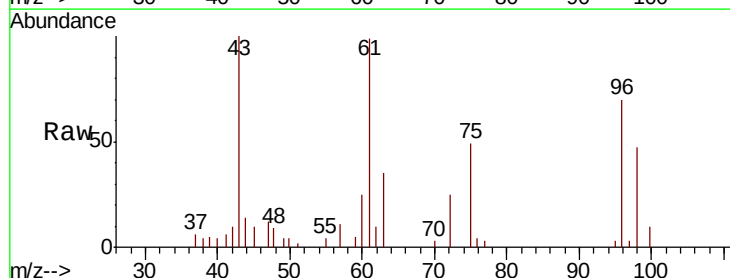
Acq: 12 Sep 2019 19:21

Tgt Ion: 43 Resp: 21865

Ion Ratio Lower Upper

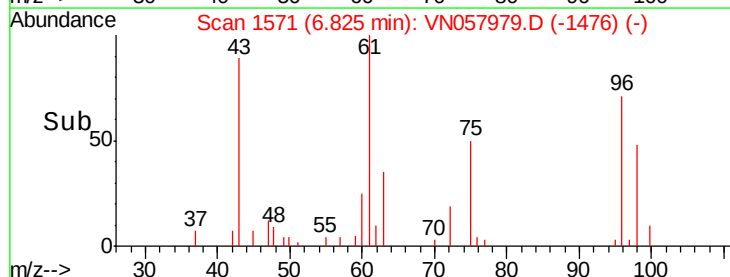
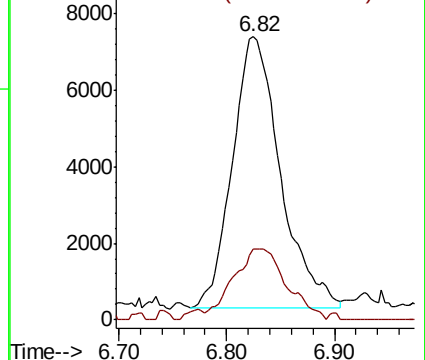
43 100

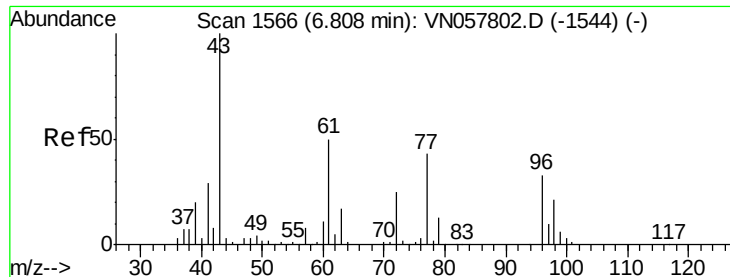
72 26.3 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1542) (-)

Ion 72.00 (71.70 to 72.70): VN057802.D (-1542) (-)





#27

cis-1,2-Dichloroethene

Concen: 5.037 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN057979.D

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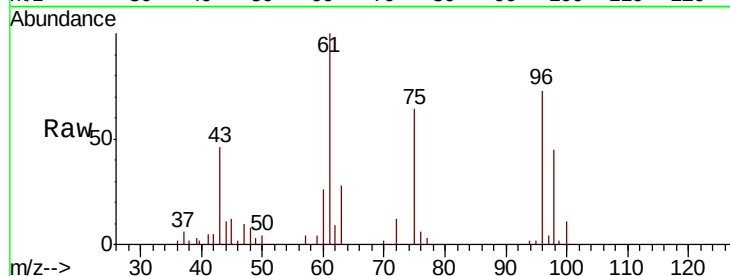
Tgt Ion: 96 Resp: 19923

Ion Ratio Lower Upper

96 100

61 139.6 0.0 314.0

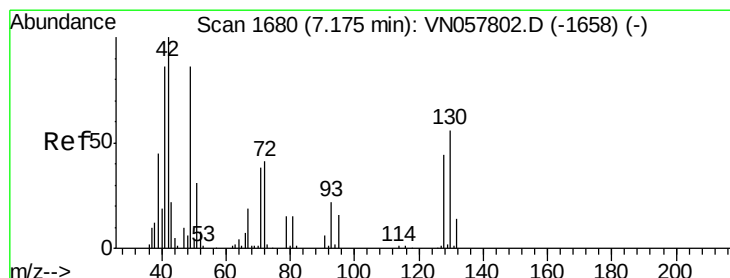
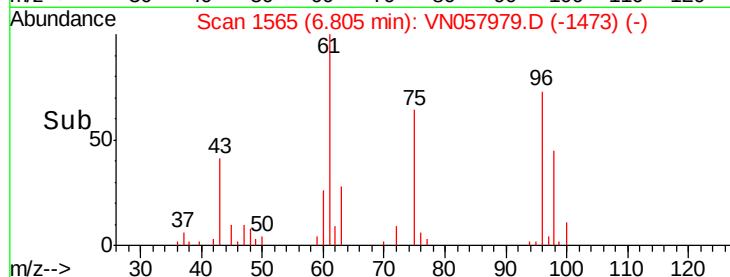
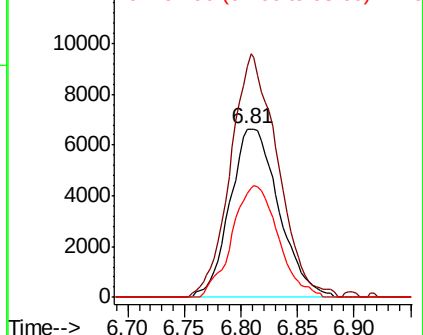
98 62.5 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 2.608 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.18 min

Lab File: VN057979.D

Acq: 12 Sep 2019 19:21

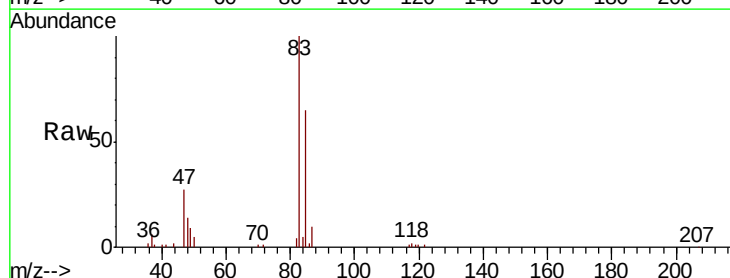
Tgt Ion: 49 Resp: 8922

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

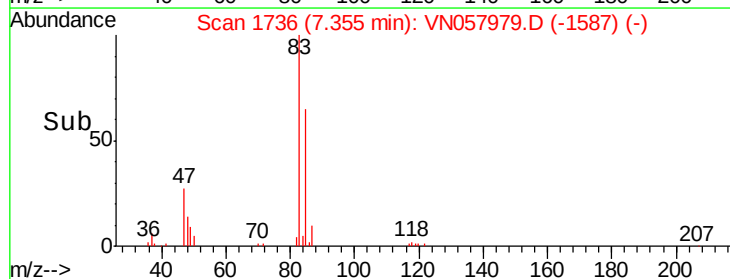
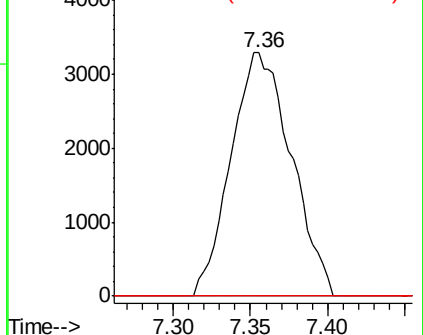
130 0.0 53.0 79.6#

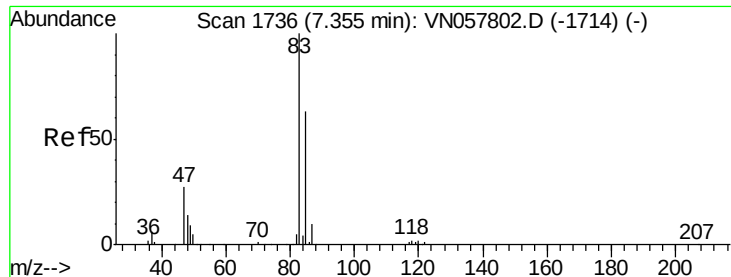


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

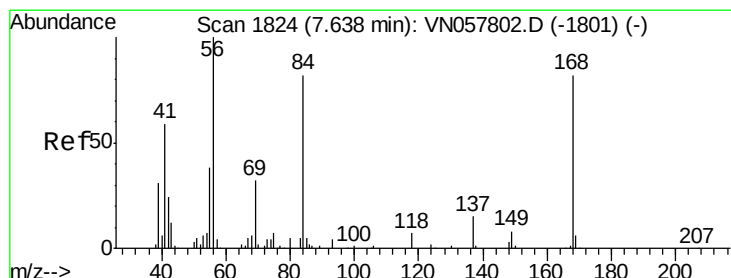
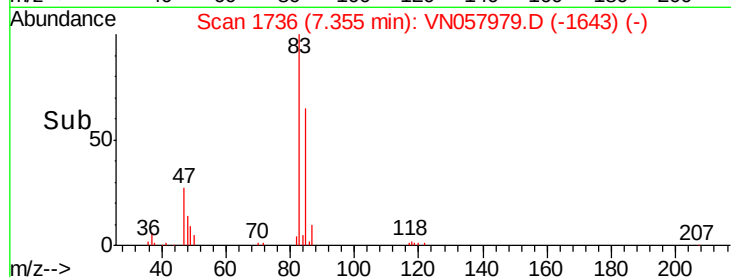
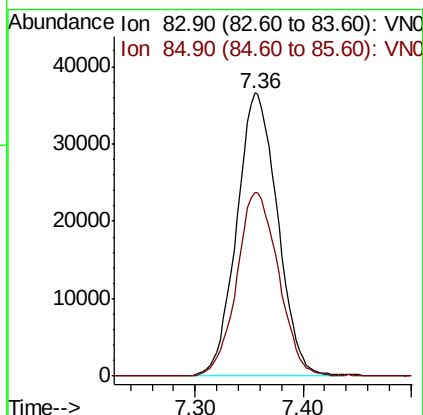
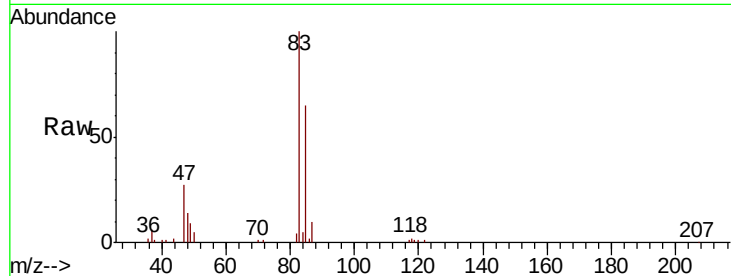




#30
Chloroform
Concen: 13.477 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN057979.D
Acq: 12 Sep 2019 19:21

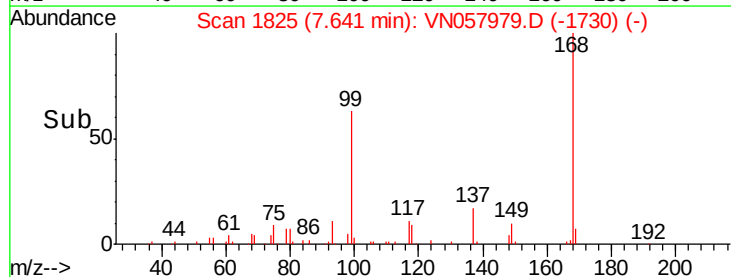
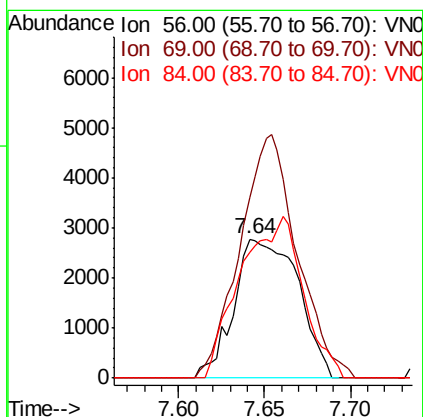
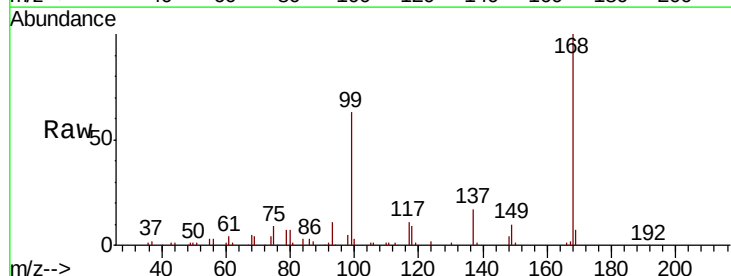
Instrument :
MSVOA_N
ClientSampleId :
IDW-GW807-091119

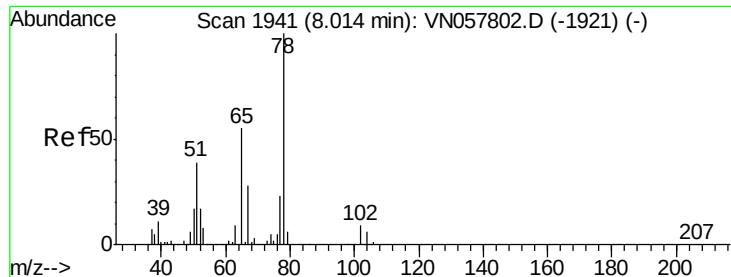
Tgt Ion: 83 Resp: 96502
Ion Ratio Lower Upper
83 100
85 64.7 50.6 75.8



#31
Cyclohexane
Concen: Below Cal
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN057979.D
Acq: 12 Sep 2019 19:21

Tgt Ion: 56 Resp: 7205
Ion Ratio Lower Upper
56 100
69 129.8 25.9 38.9#
84 90.2 65.6 98.4

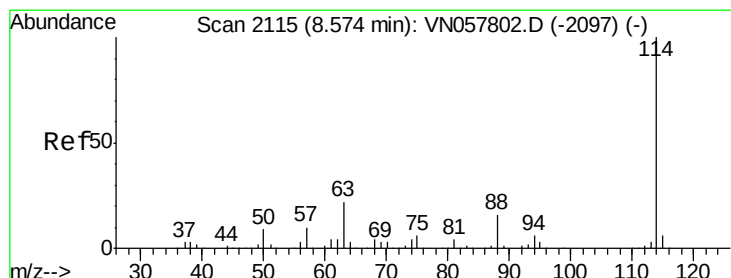
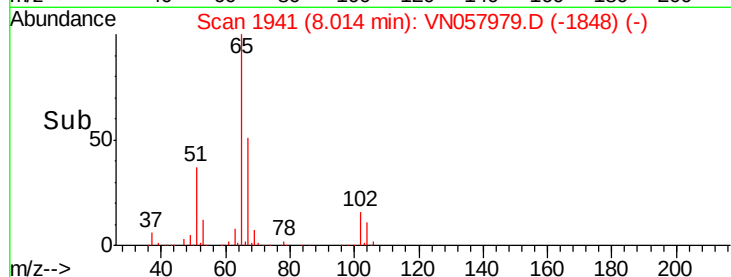
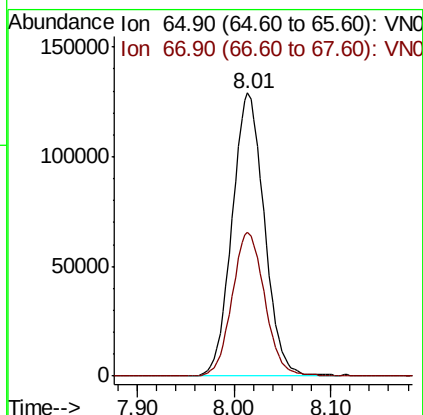
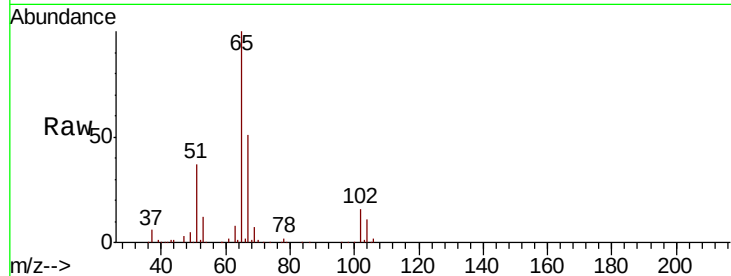




#33
 1,2-Dichloroethane-d4
 Concen: 57.588 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057979.D
 Acq: 12 Sep 2019 19:21

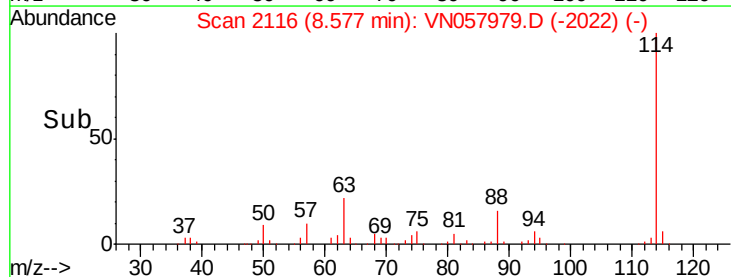
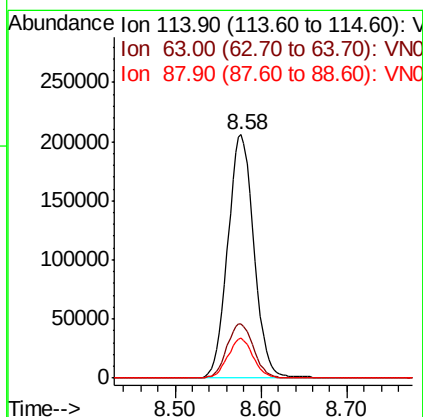
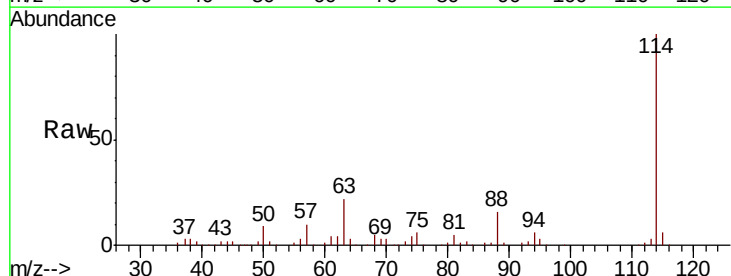
Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW807-091119

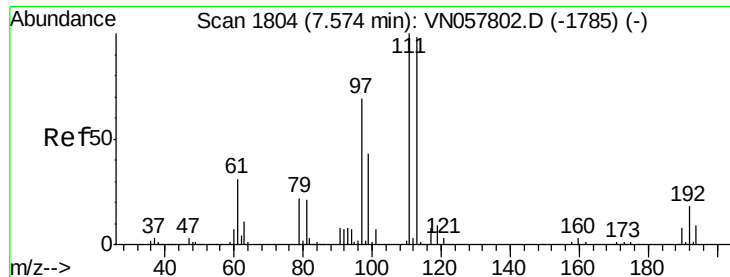
Tgt Ion: 65 Resp: 299086
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057979.D
 Acq: 12 Sep 2019 19:21

Tgt Ion: 114 Resp: 434215
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 44.0
 88 16.3 0.0 31.4

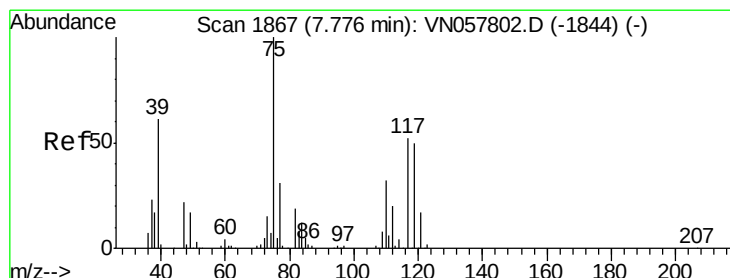
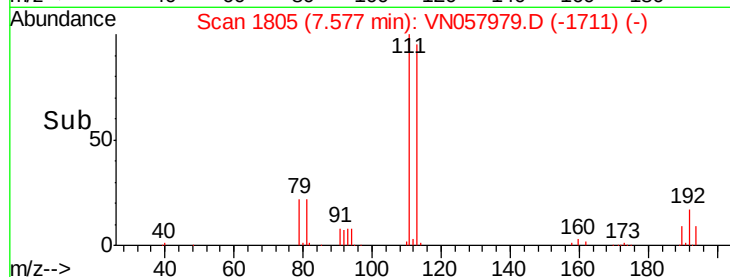
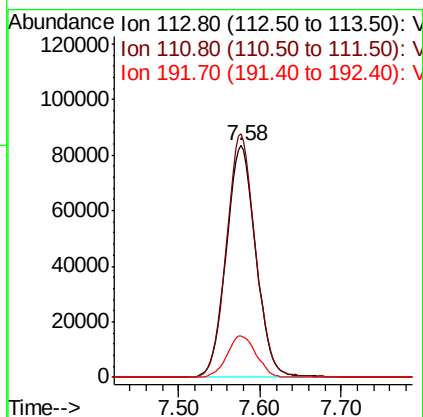
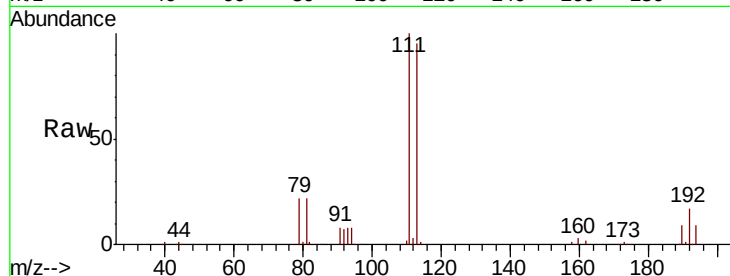




#35
 Dibromofluoromethane
 Concen: 53.067 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057979.D
 Acq: 12 Sep 2019 19:21

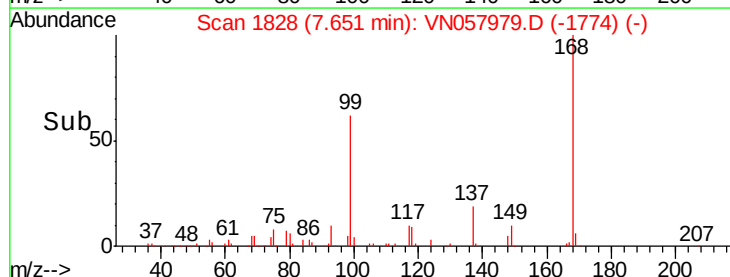
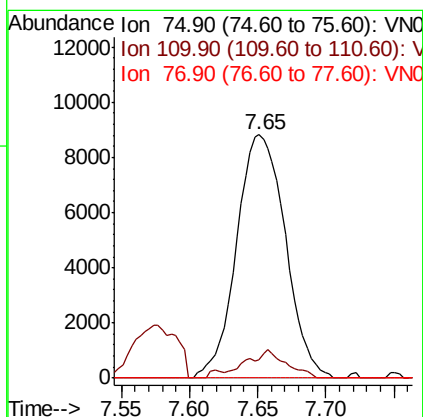
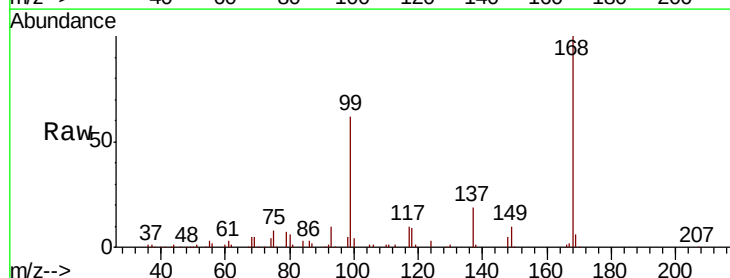
Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW807-091119

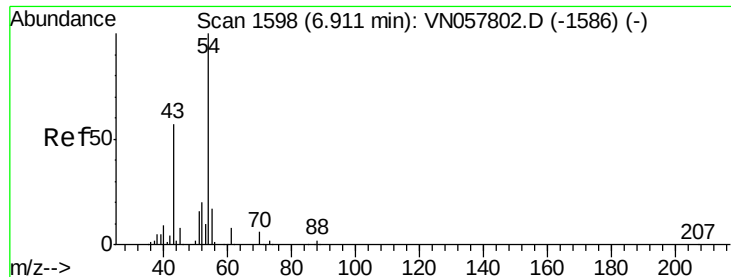
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.3	121.9
192	17.7	14.6	22.0



#36
 1,1-Dichloropropene
 Concen: 4.343 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057979.D
 Acq: 12 Sep 2019 19:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.3	48.9#
77	0.0	25.0	37.4#





#37

Ethyl Acetate

Concen: 4.202 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.09 min

Lab File: VN057979.D

Acq: 12 Sep 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW807-091119

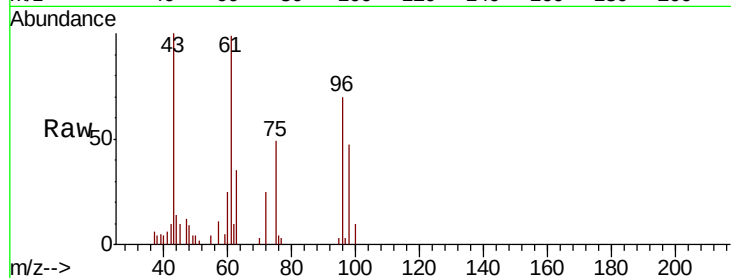
Tgt Ion: 43 Resp: 21865

Ion Ratio Lower Upper

43 100

61 127.2 10.5 15.7#

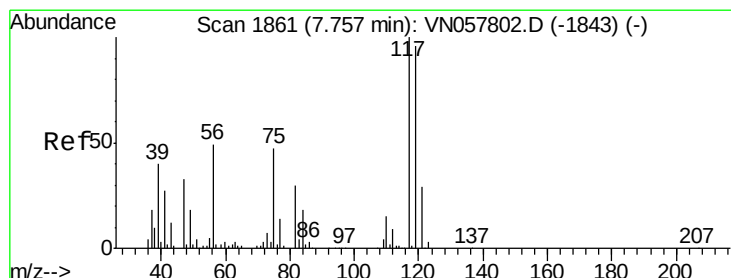
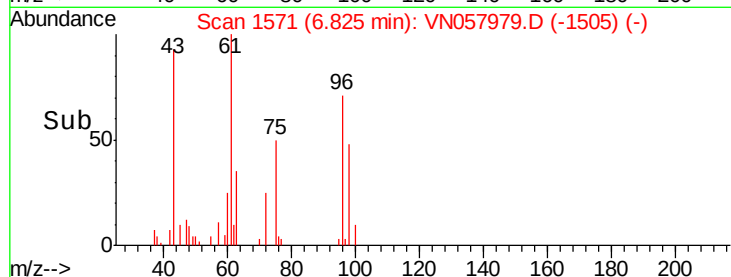
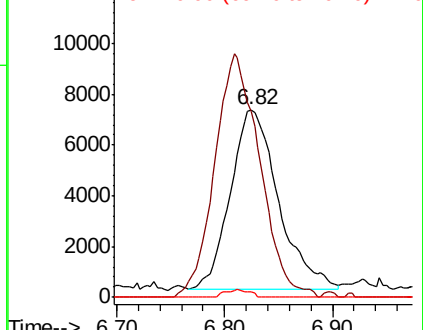
70 2.2 7.4 11.0#



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1586) (-)

Ion 60.90 (60.60 to 61.60): VN057802.D (-1586) (-)

Ion 70.00 (69.70 to 70.70): VN057802.D (-1586) (-)



#38

Carbon Tetrachloride

Concen: 5.904 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.10 min

Lab File: VN057979.D

Acq: 12 Sep 2019 19:21

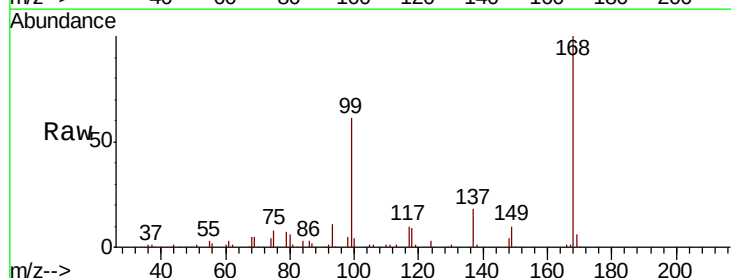
Tgt Ion: 117 Resp: 27144

Ion Ratio Lower Upper

117 100

119 5.7 76.9 115.3#

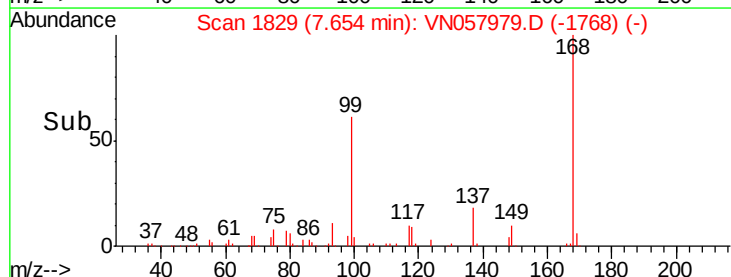
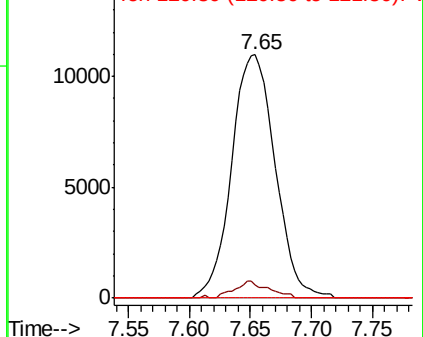
121 0.0 23.4 35.2#

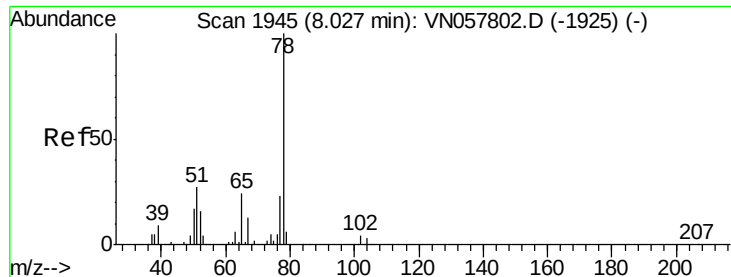


Abundance Ion 116.80 (116.50 to 117.50): VN057802.D (-1843) (-)

Ion 118.80 (118.50 to 119.50): VN057802.D (-1843) (-)

Ion 120.80 (120.50 to 121.50): VN057802.D (-1843) (-)





#40

Benzene

Concen: 0.495 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN057979.D

Acq: 12 Sep 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

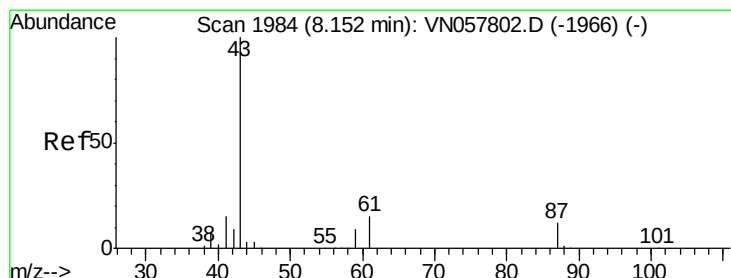
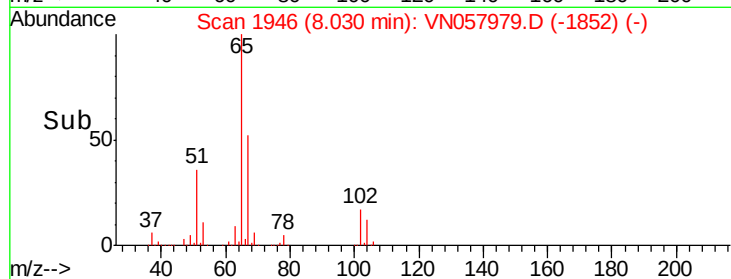
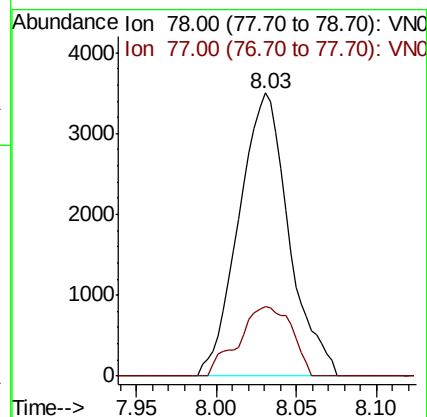
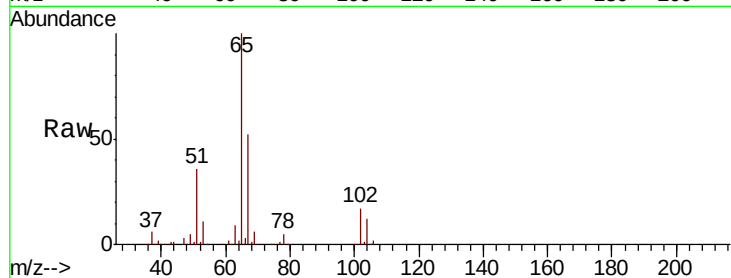
IDW-GW807-091119

Tgt Ion: 78 Resp: 7499

Ion Ratio Lower Upper

78 100

77 24.7 18.3 27.5



#43

Isopropyl Acetate

Concen: 34.720 ug/l

RT: 8.27 min Scan# 2022

Delta R.T. 0.12 min

Lab File: VN057979.D

Acq: 12 Sep 2019 19:21

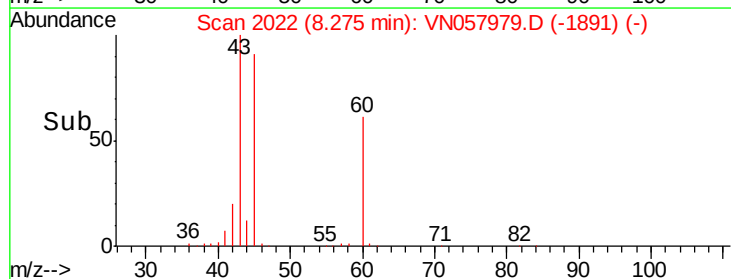
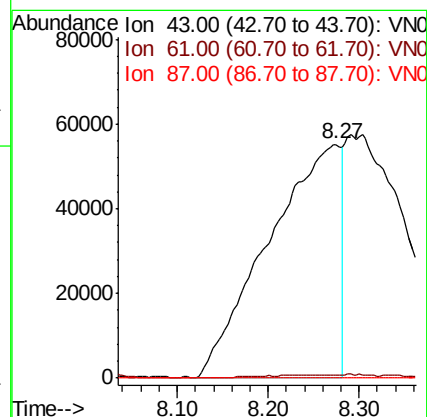
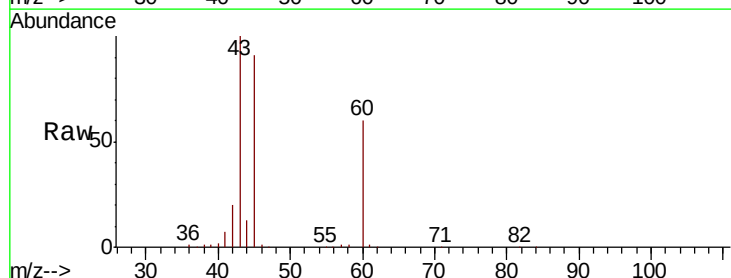
Tgt Ion: 43 Resp: 303781

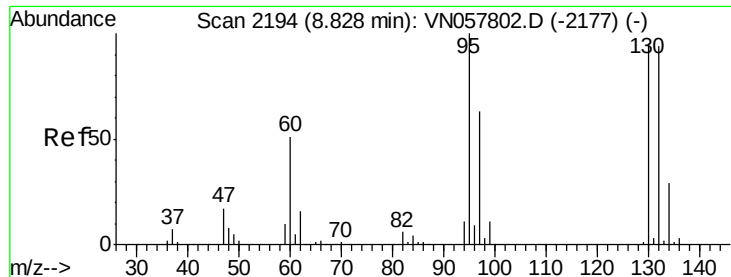
Ion Ratio Lower Upper

43 100

61 0.0 20.1 30.1#

87 0.0 9.5 14.3#





#44

Trichloroethene

Concen: 15.101 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057979.D

Acq: 12 Sep 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

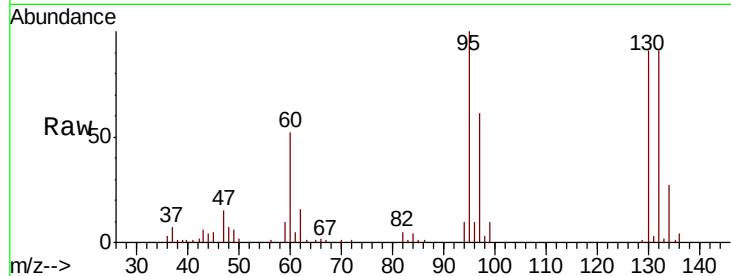
IDW-GW807-091119

Tgt Ion:130 Resp: 56155

Ion Ratio Lower Upper

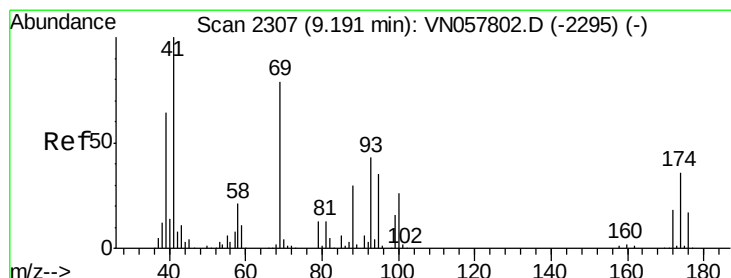
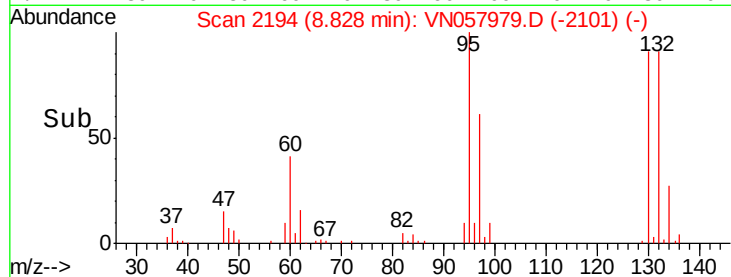
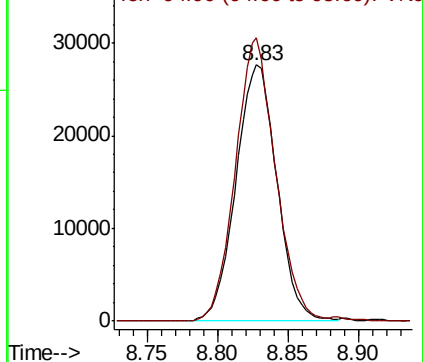
130 100

95 110.4 0.0 211.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#48

Methyl methacrylate

Concen: 1.300 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.03 min

Lab File: VN057979.D

Acq: 12 Sep 2019 19:21

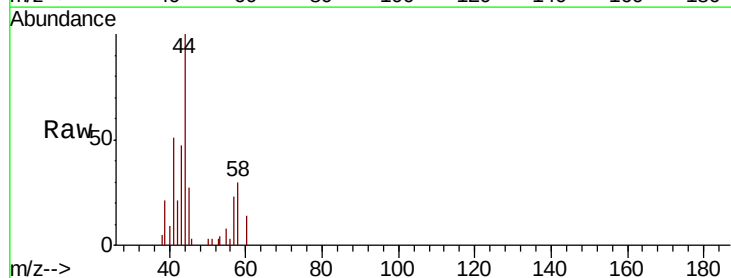
Tgt Ion: 41 Resp: 5771

Ion Ratio Lower Upper

41 100

69 0.0 62.7 94.1#

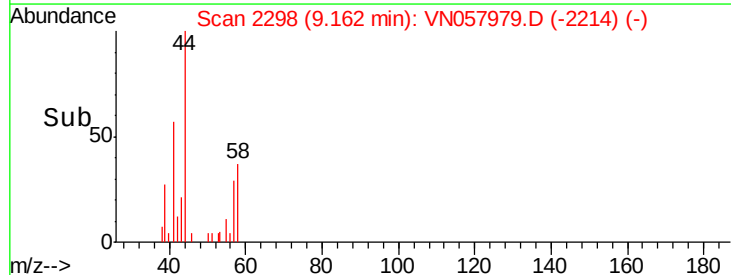
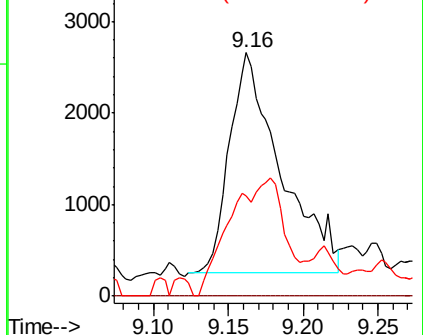
39 26.8 52.7 79.1#

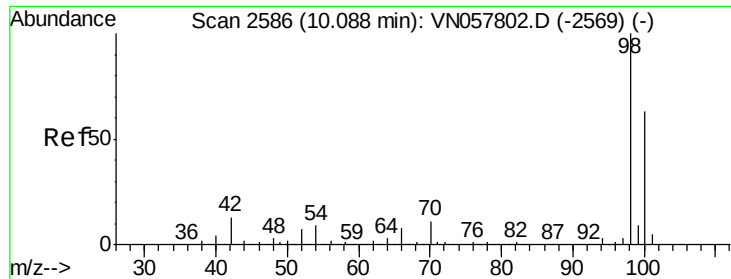


Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 39.00 (38.70 to 39.70): VN





#50

Toluene-d8

Concen: 50.261 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057979.D

Acq: 12 Sep 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

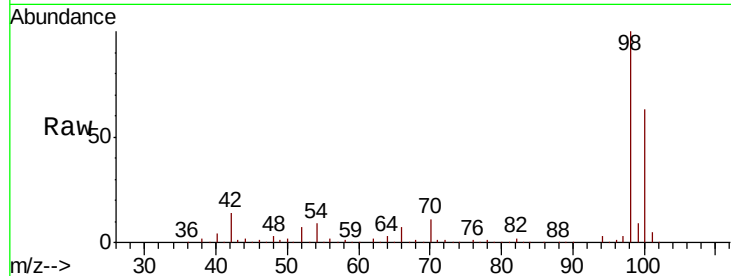
IDW-GW807-091119

Tgt Ion: 98 Resp: 782050

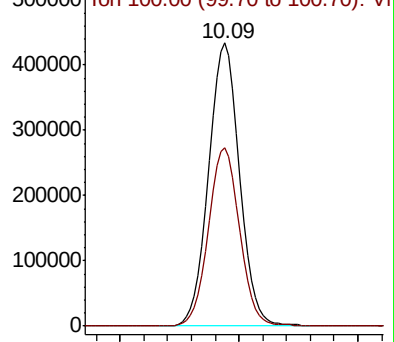
Ion Ratio Lower Upper

98 100

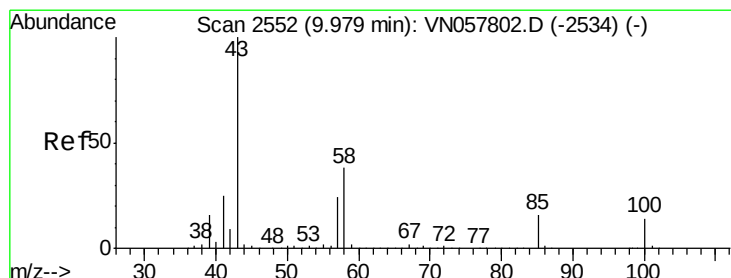
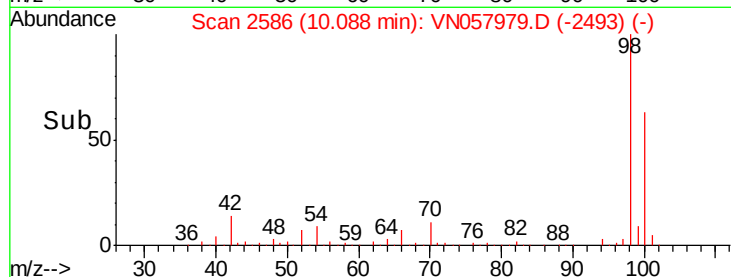
100 63.5 50.3 75.5



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



Time-->



#51

4-Methyl-2-Pentanone

Concen: 3.262 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057979.D

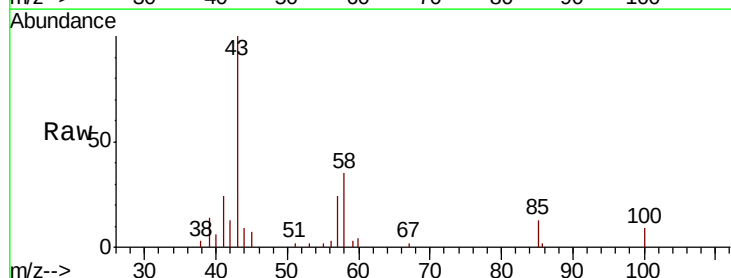
Acq: 12 Sep 2019 19:21

Tgt Ion: 43 Resp: 16888

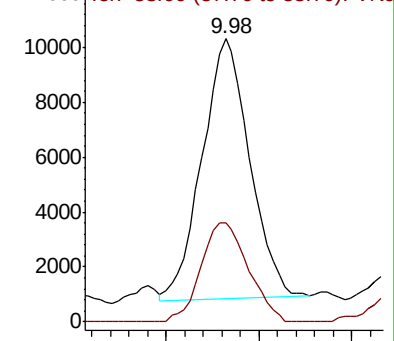
Ion Ratio Lower Upper

43 100

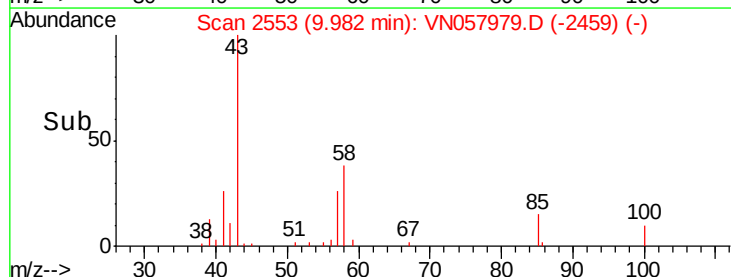
58 37.7 29.8 44.6

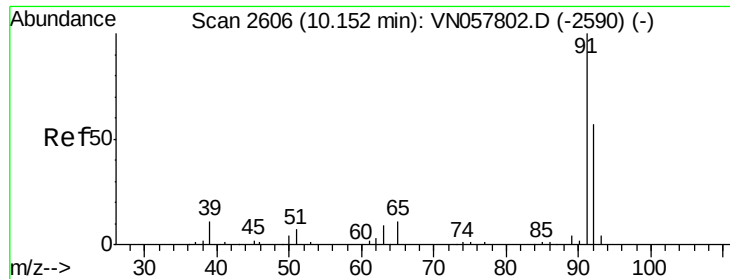


Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-2534) (-)



Time-->





#52

Toluene

Concen: 0.923 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN057979.D

Acq: 12 Sep 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

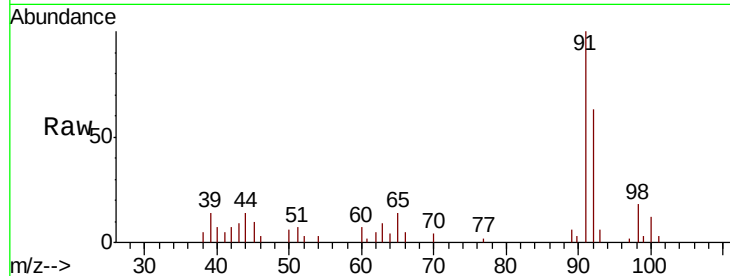
IDW-GW807-091119

Tgt Ion: 92 Resp: 8818

Ion Ratio Lower Upper

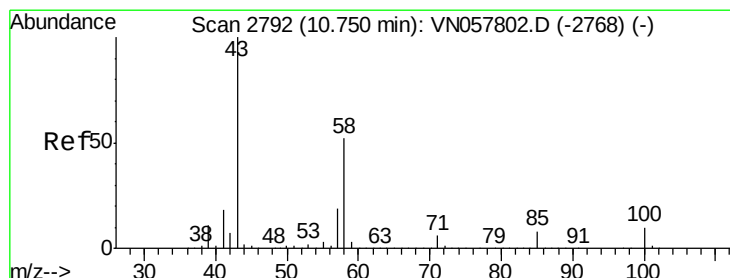
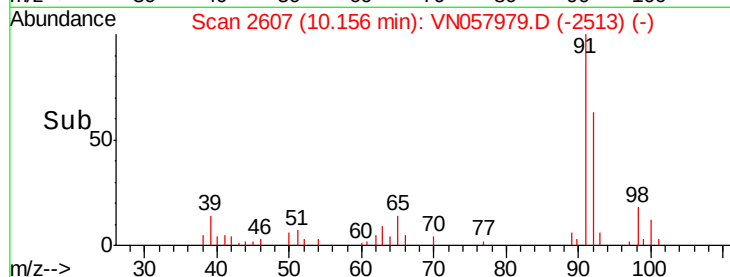
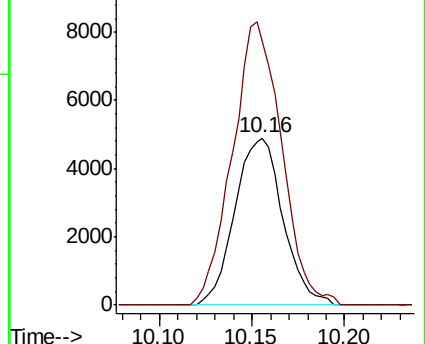
92 100

91 173.6 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN057979.D (-2606) (-)

Ion 91.00 (90.70 to 91.70): VN057979.D (-2606) (-)



#59

2-Hexanone

Concen: 0.942 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN057979.D

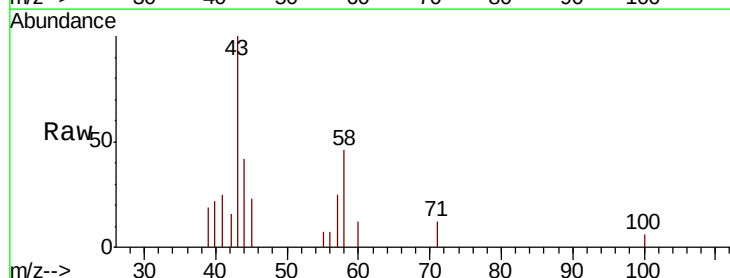
Acq: 12 Sep 2019 19:21

Tgt Ion: 43 Resp: 3657

Ion Ratio Lower Upper

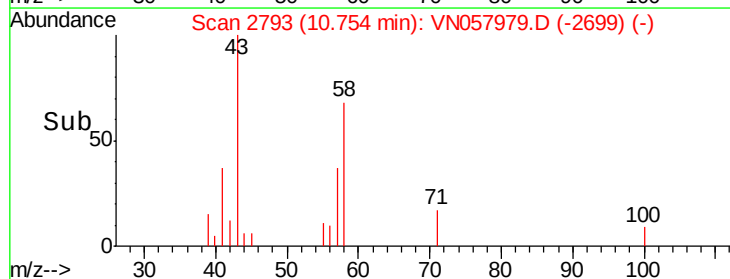
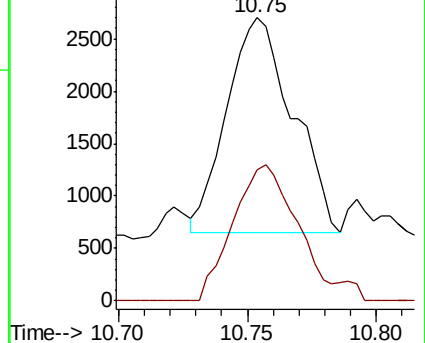
43 100

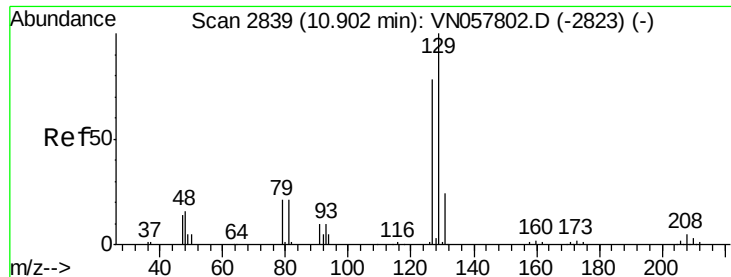
58 63.8 25.6 76.8



Abundance Ion 43.00 (42.70 to 43.70): VN057979.D (-2792) (-)

Ion 58.00 (57.70 to 58.70): VN057979.D (-2792) (-)





#60

Dibromochloromethane

Concen: 4.109 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.27 min

Lab File: VN057979.D

Acq: 12 Sep 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

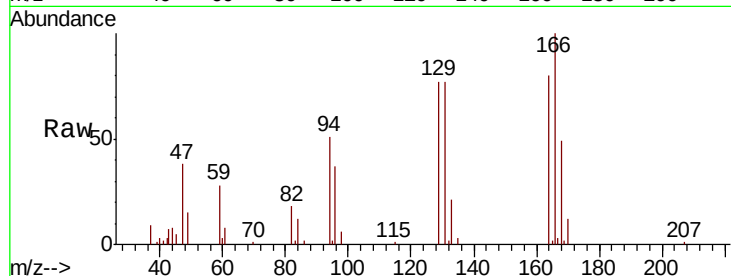
IDW-GW807-091119

Tgt Ion: 129 Resp: 15432

Ion Ratio Lower Upper

129 100

127 0.0 38.6 116.0#

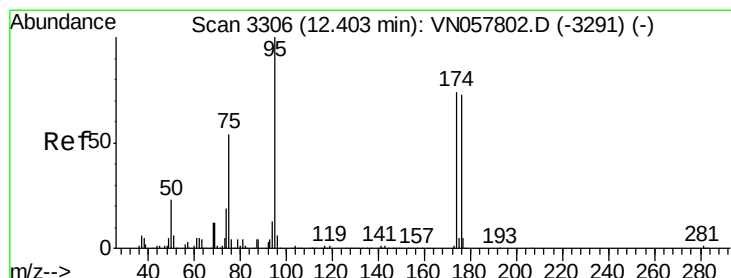
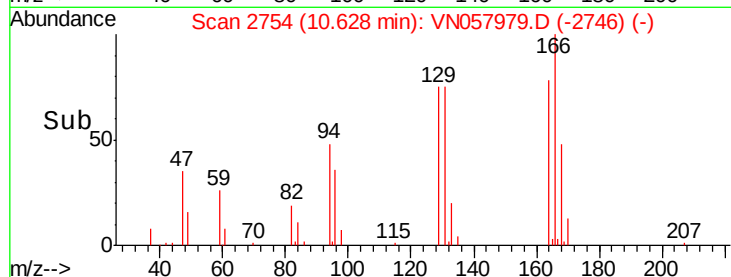


Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

10.63

Time-->



#62

4-Bromofluorobenzene

Concen: 45.743 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN057979.D

Acq: 12 Sep 2019 19:21

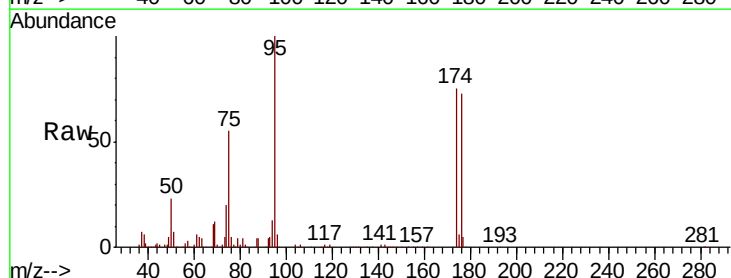
Tgt Ion: 95 Resp: 271239

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.2

176 72.4 0.0 146.0



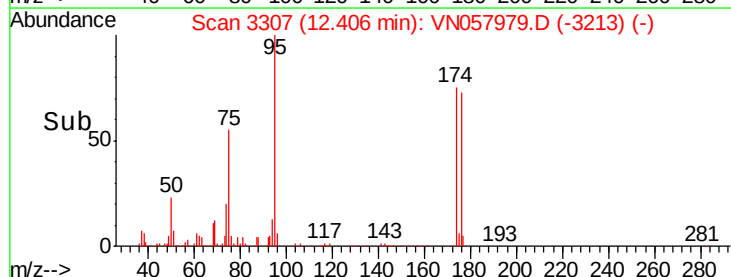
Abundance Ion 94.90 (94.60 to 95.60): V

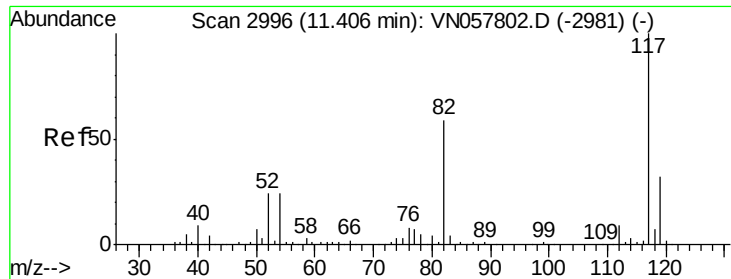
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.41

Time-->

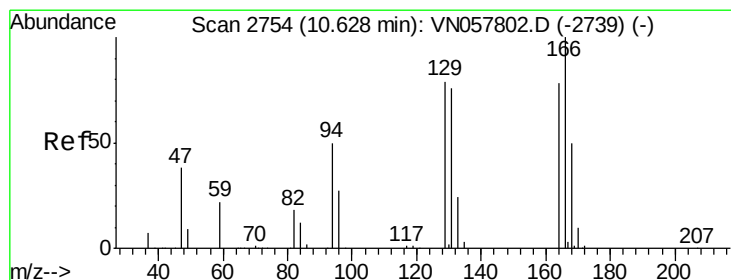
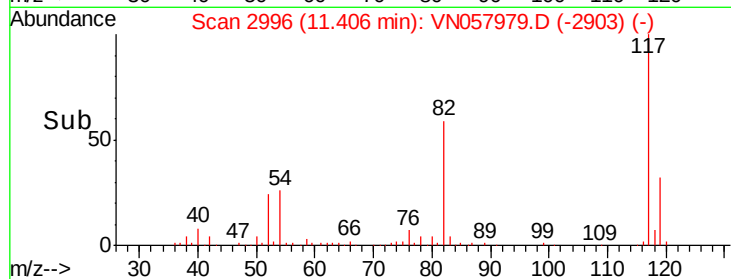
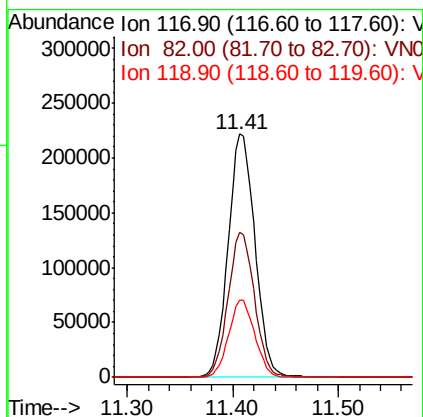
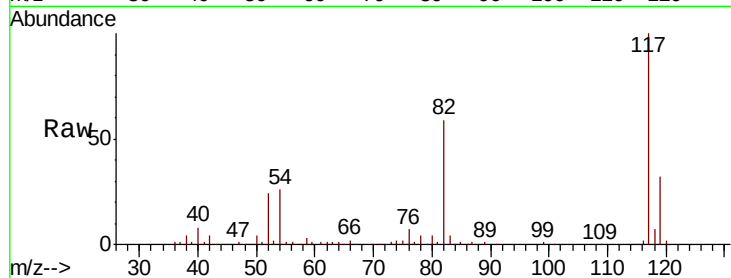




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057979.D
Acq: 12 Sep 2019 19:21

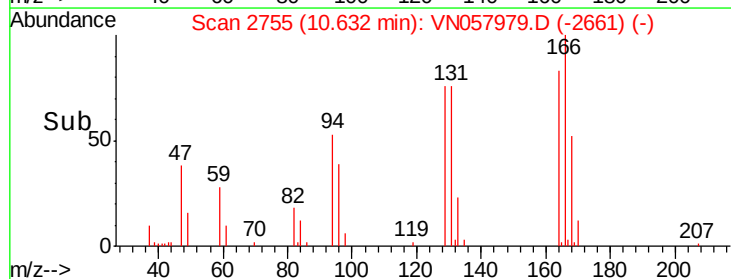
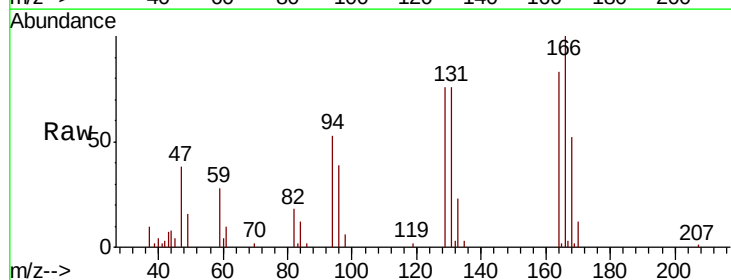
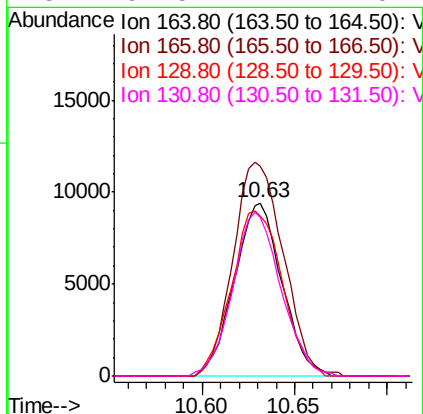
Instrument :
MSVOA_N
ClientSampleId :
IDW-GW807-091119

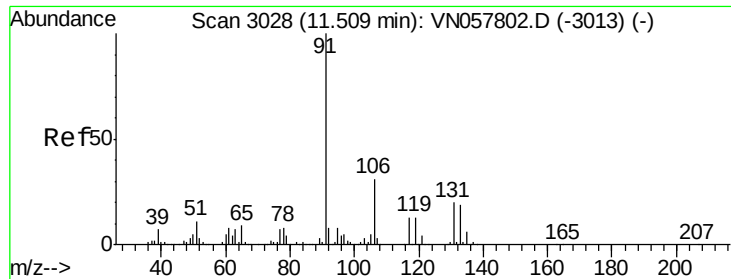
Tgt Ion:117 Resp: 390023
Ion Ratio Lower Upper
117 100
82 59.4 47.2 70.8
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 5.803 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN057979.D
Acq: 12 Sep 2019 19:21

Tgt Ion:164 Resp: 16712
Ion Ratio Lower Upper
164 100
166 121.1 102.2 153.2
129 92.2 80.8 121.2
131 91.5 77.4 116.2

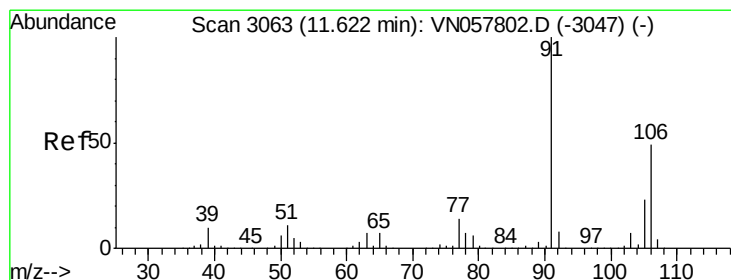
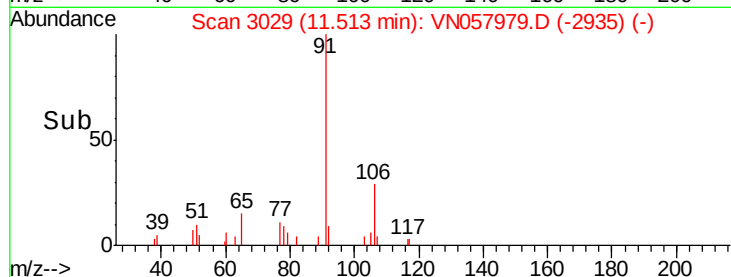
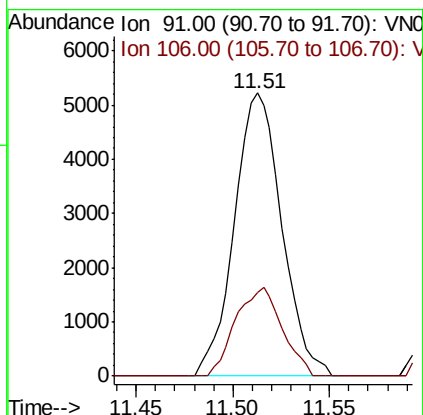
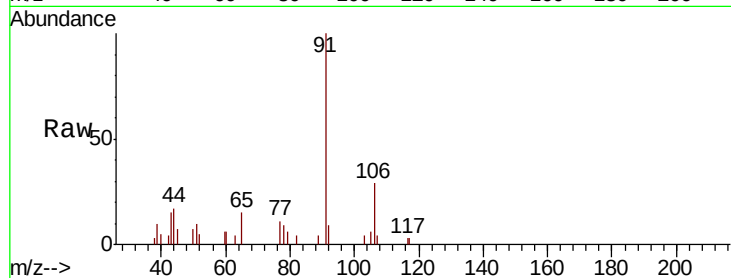




#67
Ethyl Benzene
Concen: 0.498 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN057979.D
Acq: 12 Sep 2019 19:21

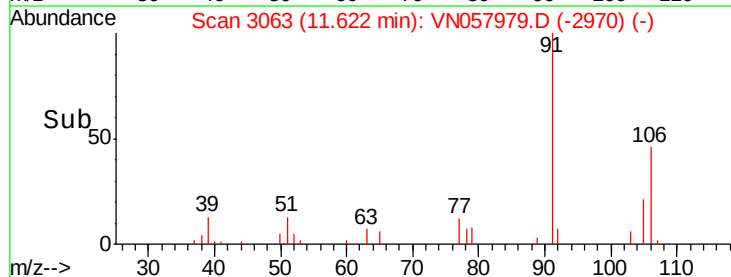
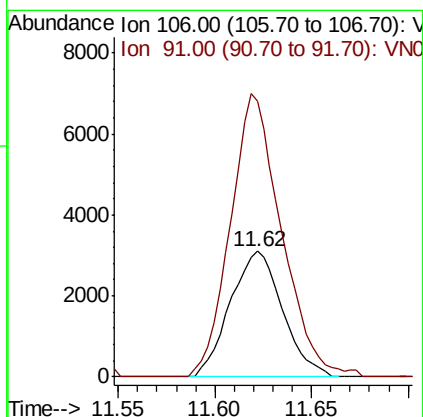
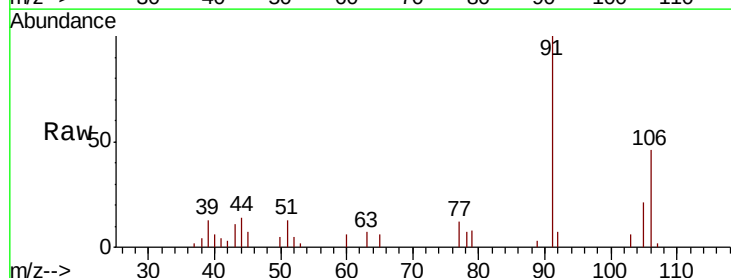
Instrument :
MSVOA_N
ClientSampleId :
IDW-GW807-091119

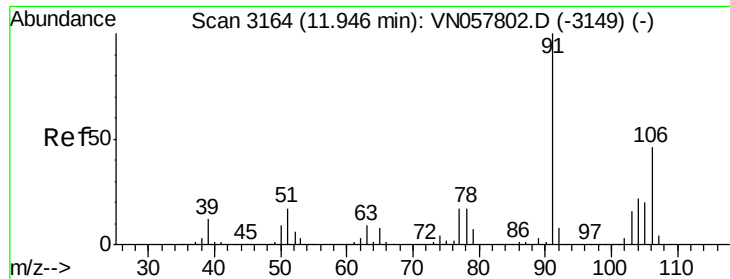
Tgt Ion: 91 Resp: 8914
Ion Ratio Lower Upper
91 100
106 29.4 24.4 36.6



#68
m/p-Xylenes
Concen: 0.892 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057979.D
Acq: 12 Sep 2019 19:21

Tgt Ion: 106 Resp: 5845
Ion Ratio Lower Upper
106 100
91 219.6 165.8 248.6

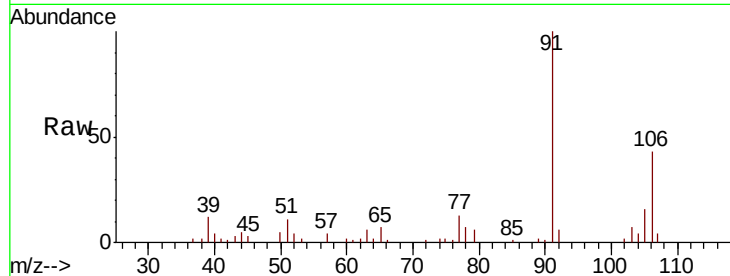




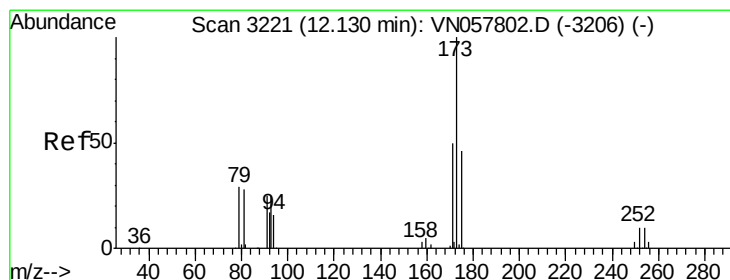
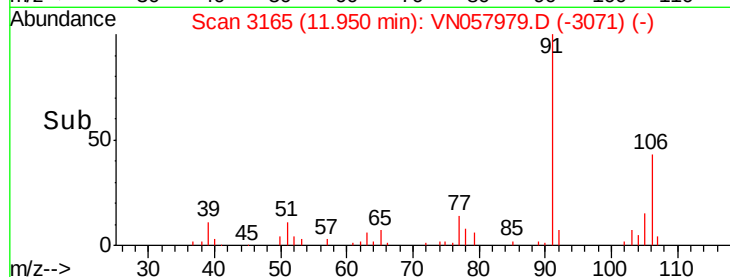
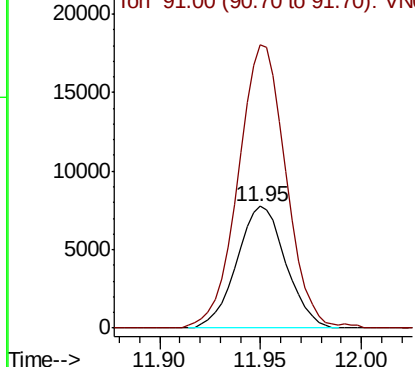
#69
o-Xylene
Concen: 2.024 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057979.D
Acq: 12 Sep 2019 19:21

Instrument :
MSVOA_N
ClientSampleId :
IDW-GW807-091119

Tgt Ion:106 Resp: 13182
Ion Ratio Lower Upper
106 100
91 226.8 108.7 326.1

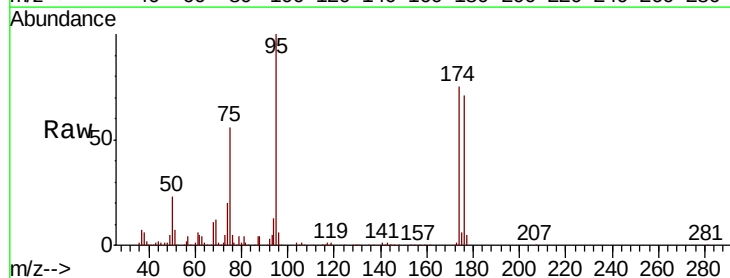


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

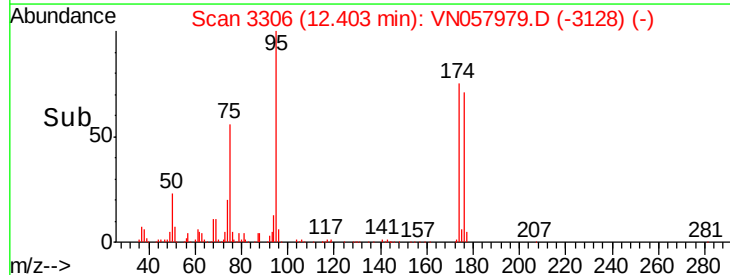
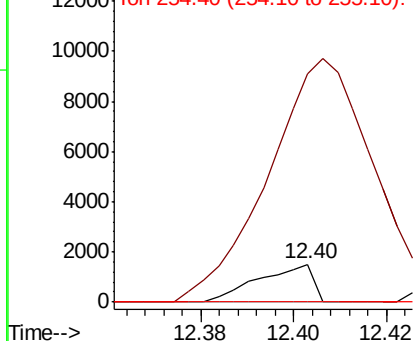


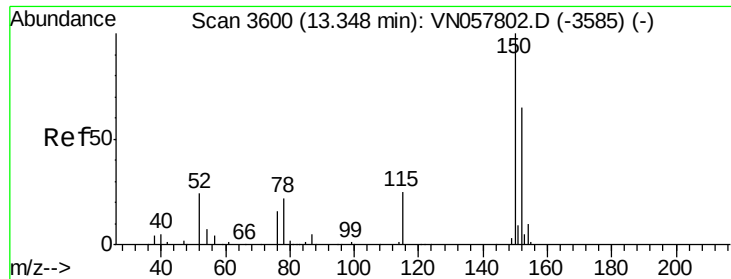
#71
Bromoform
Concen: 0.562 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN057979.D
Acq: 12 Sep 2019 19:21

Tgt Ion:173 Resp: 1240
Ion Ratio Lower Upper
173 100
175 1066.1 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: VN057979.D

Acq: 12 Sep 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

IDW-GW807-091119

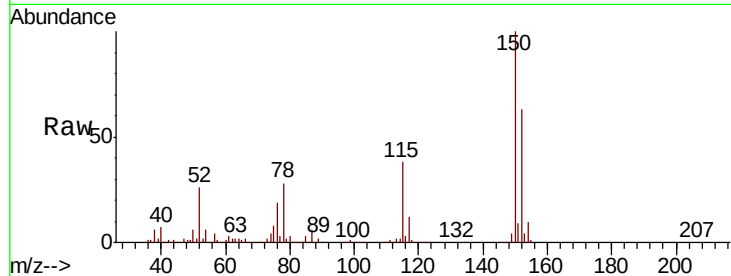
Tgt Ion:152 Resp: 211864

Ion Ratio Lower Upper

152 100

115 61.2 30.3 91.0

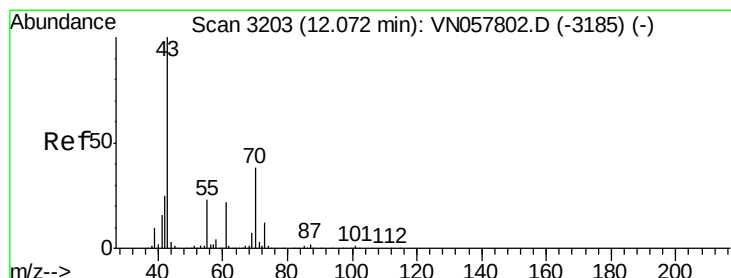
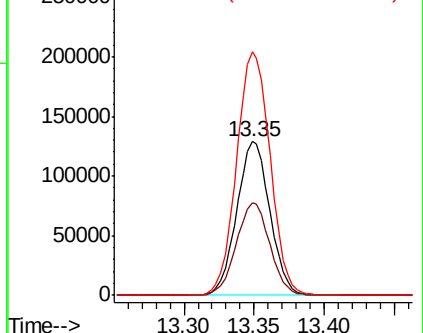
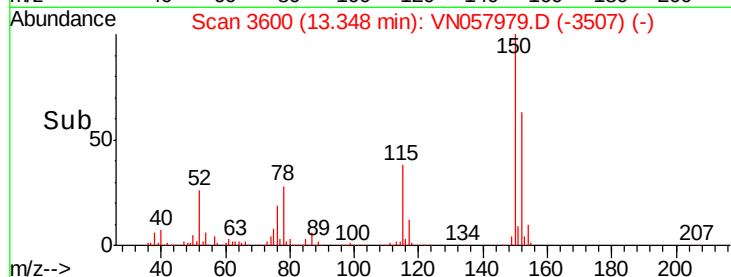
150 160.5 0.0 352.4



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



#74

N-ethyl acetate

Concen: 1.171 ug/l

RT: 12.03 min Scan# 3191

Delta R.T. -0.04 min

Lab File: VN057979.D

Acq: 12 Sep 2019 19:21

Tgt Ion: 43 Resp: 8375

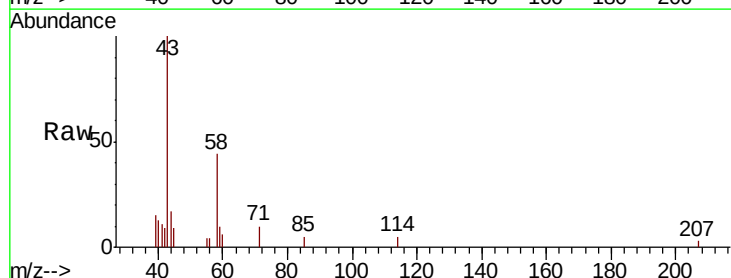
Ion Ratio Lower Upper

43 100

70 0.0 30.6 45.8#

55 2.4 18.6 27.8#

61 0.0 17.4 26.2#

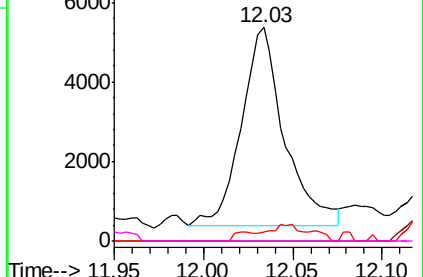
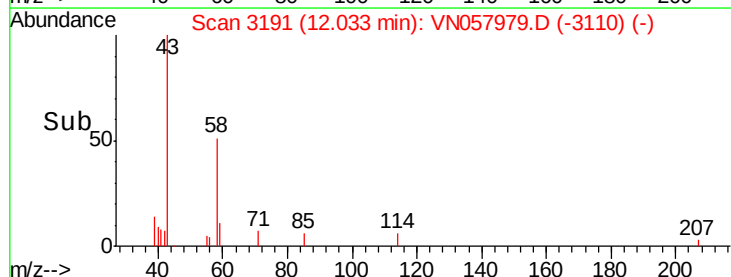


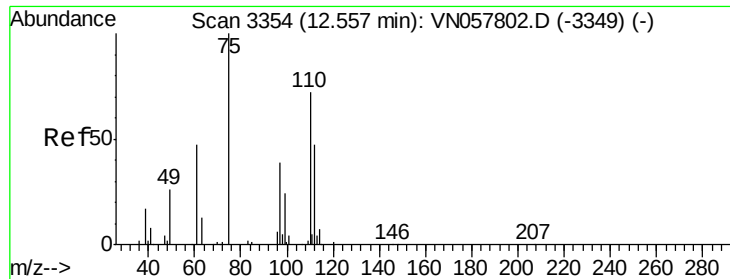
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 31.277 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN057979.D

Acq: 12 Sep 2019 19:21

Instrument :

MSVOA_N

ClientSampleId :

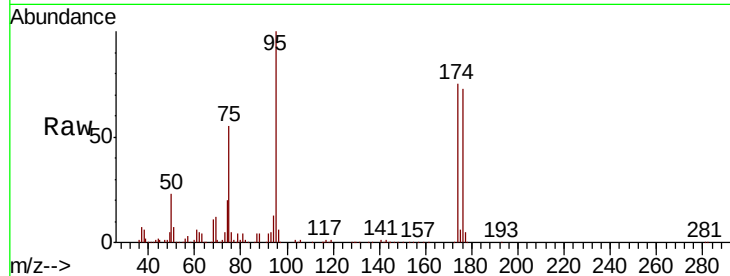
IDW-GW807-091119

Tgt Ion: 75 Resp: 149901

Ion Ratio Lower Upper

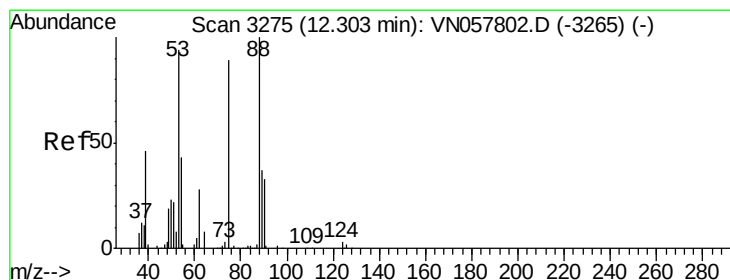
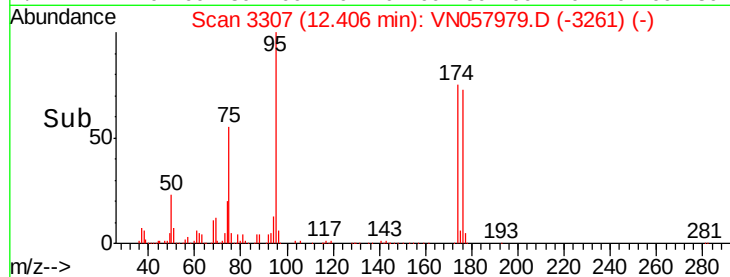
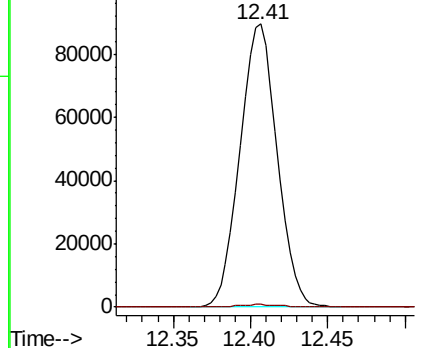
75 100

77 0.9 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: 110.063 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN057979.D

Acq: 12 Sep 2019 19:21

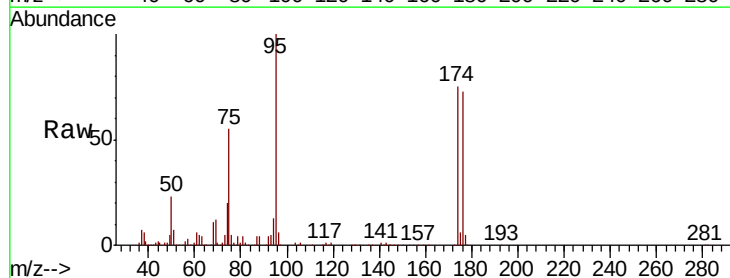
Tgt Ion: 75 Resp: 149901

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

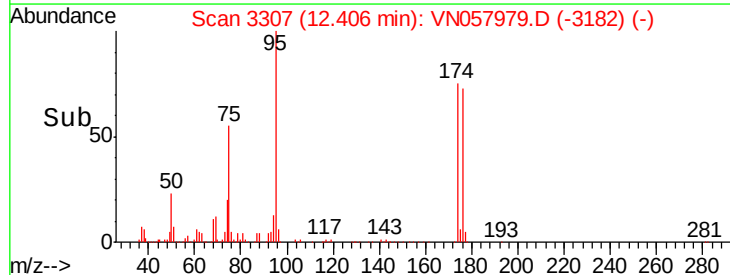
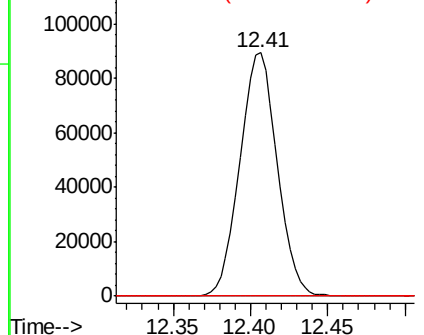
89 0.0 35.3 52.9#

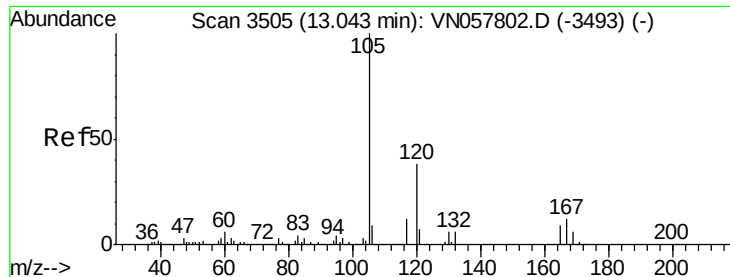


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

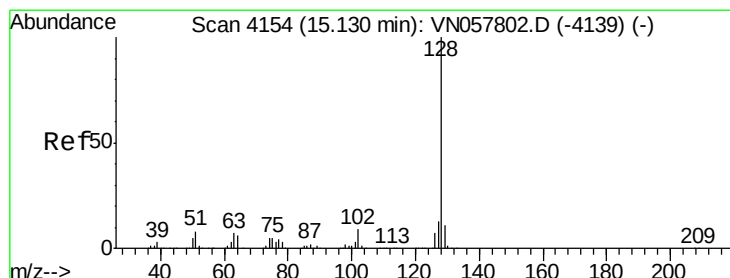
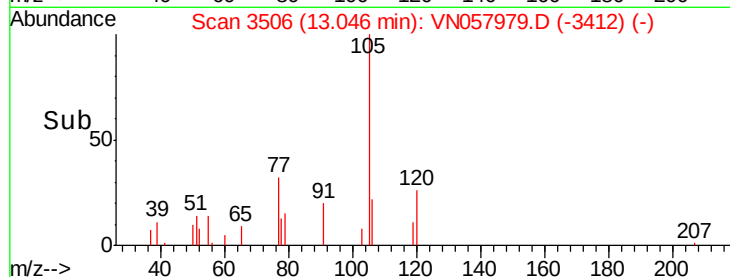
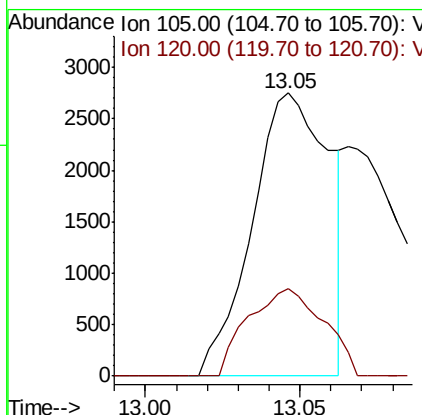
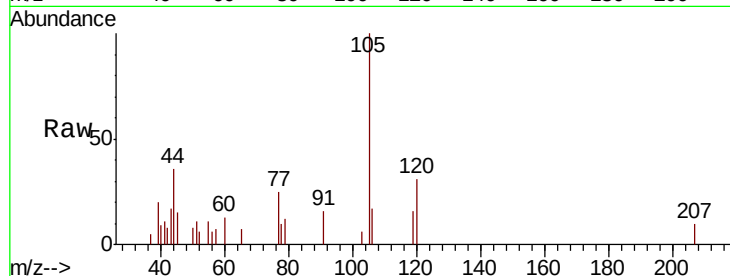




#84
 1,2,4-Trimethylbenzene
 Concen: 0.337 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN057979.D
 Acq: 12 Sep 2019 19:21

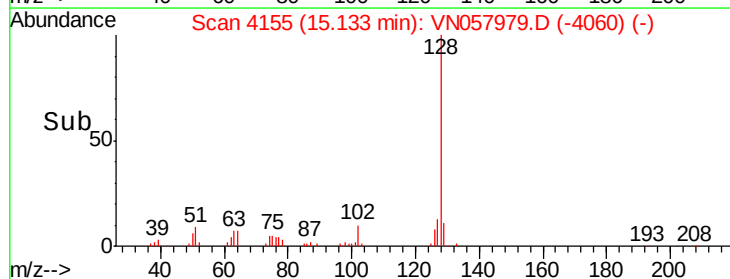
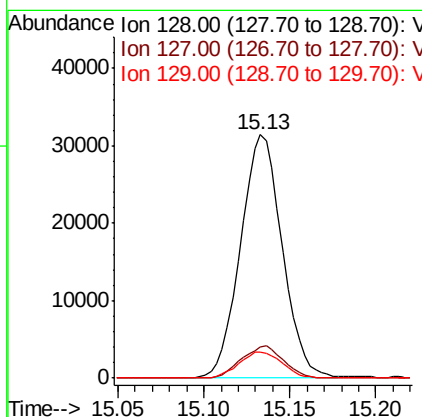
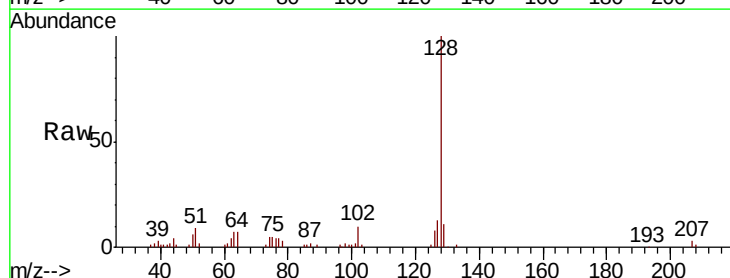
Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW807-091119

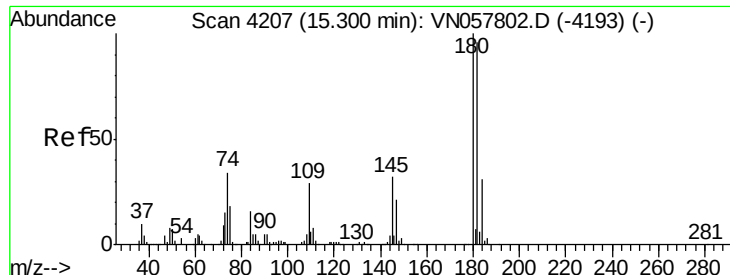
Tgt Ion:105 Resp: 4759
 Ion Ratio Lower Upper
 105 100
 120 30.2 22.4 67.2



#95
 Naphthalene
 Concen: 2.773 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN057979.D
 Acq: 12 Sep 2019 19:21

Tgt Ion:128 Resp: 52803
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.3 15.5
 129 11.0 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 1.223 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN057979.D
 Acq: 12 Sep 2019 19:21

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-GW807-091119

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.6	48.3	144.8
145	29.4	16.3	48.8

