

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091119\
 Data File : VN057901.D
 Acq On : 11 Sep 2019 6:16
 Operator : JC/SP
 Sample : K4820-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GW200A-B4-47.0-52.0-091019-FD

Quant Time: Sep 11 07:30:23 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

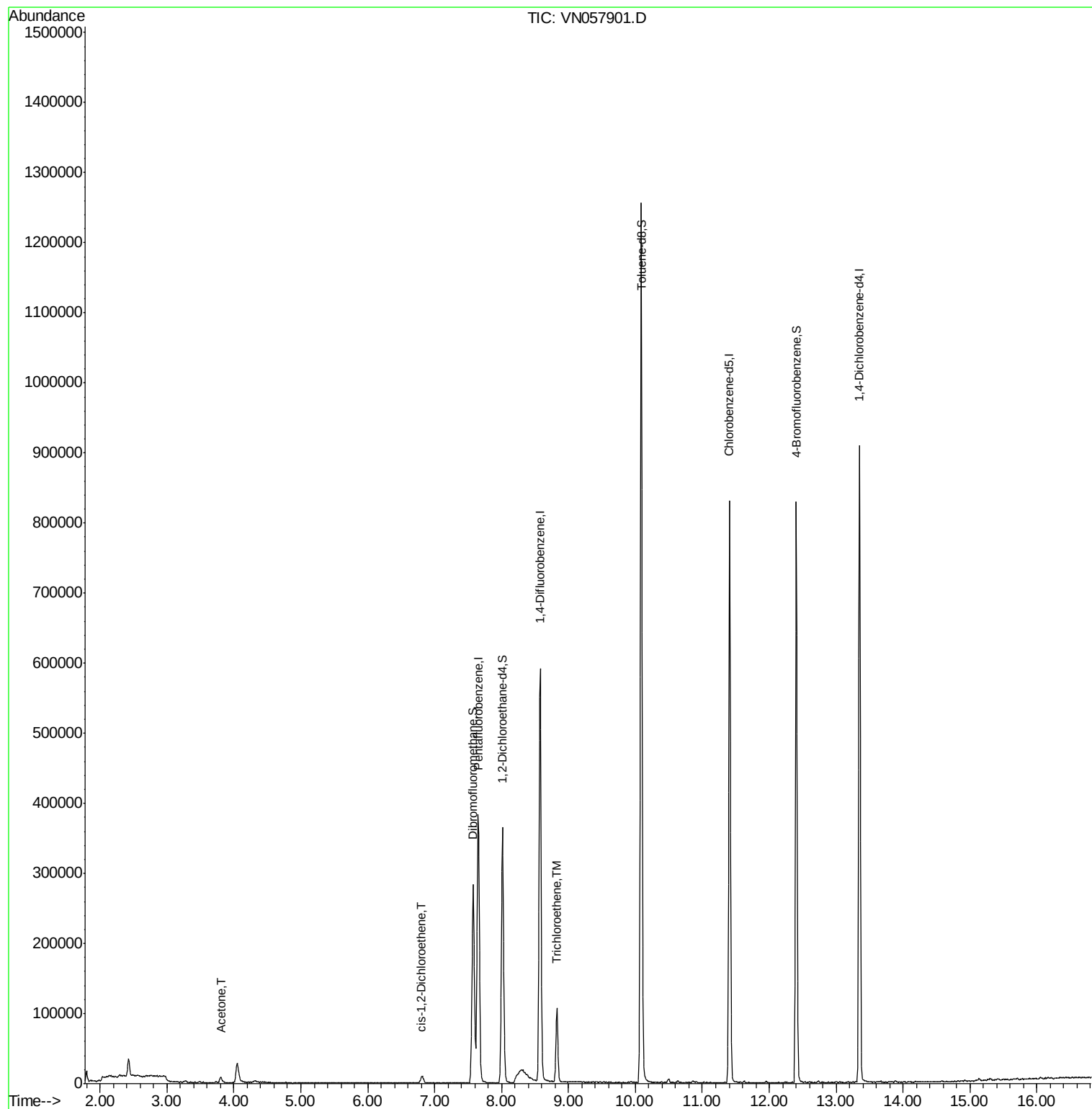
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	297239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	508988	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	453812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	229790	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	308996	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
35) Dibromofluoromethane	7.58	113	210388	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
50) Toluene-d8	10.09	98	862677	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
62) 4-Bromofluorobenzene	12.40	95	279402	40.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.40%	
Target Compounds						
16) Acetone	3.81	43	14833	7.516	ug/l	95
27) cis-1,2-Dichloroethene	6.81	96	3953	0.862	ug/l	85
44) Trichloroethene	8.83	130	35651	8.179	ug/l	98

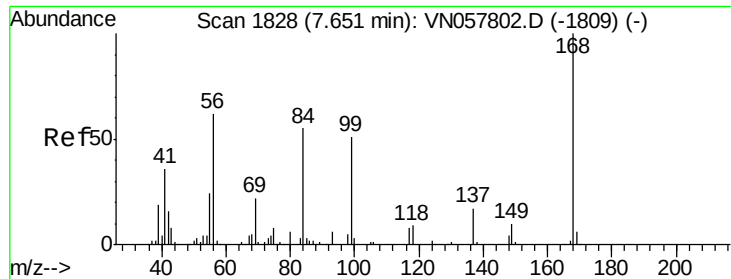
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091119\
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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057901.D

Acq: 11 Sep 2019 6:16

Instrument :

MSVOA_N

ClientSampleId :

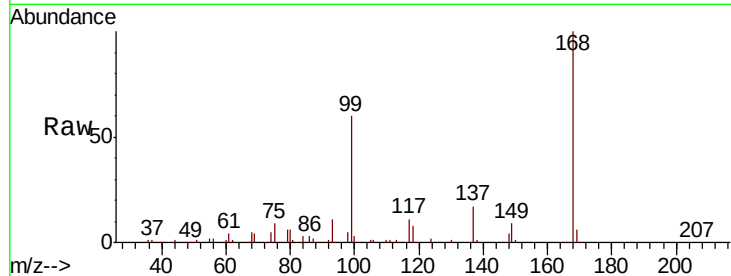
GW200A-B4-47.0-52.0-091019-FD

Tot Ion:168 Resp: 297239

Ion Ratio Lower Upper

168 100

99 60.2 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

150000

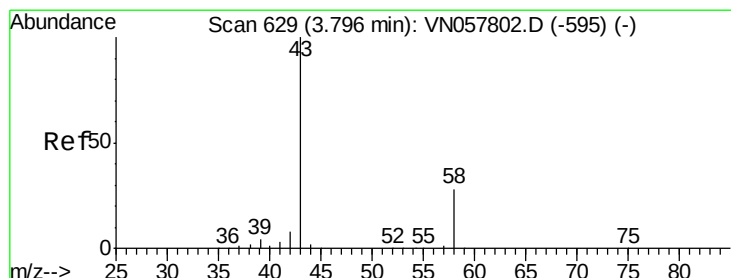
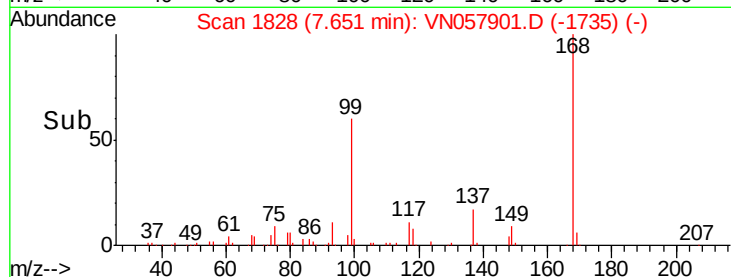
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 7.516 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057901.D

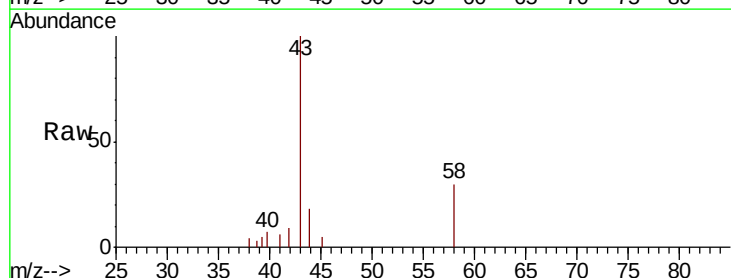
Acq: 11 Sep 2019 6:16

Tgt Ion: 43 Resp: 14833

Ion Ratio Lower Upper

43 100

58 30.1 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN057802.D (-595) (-)

3.81

5000

4000

3000

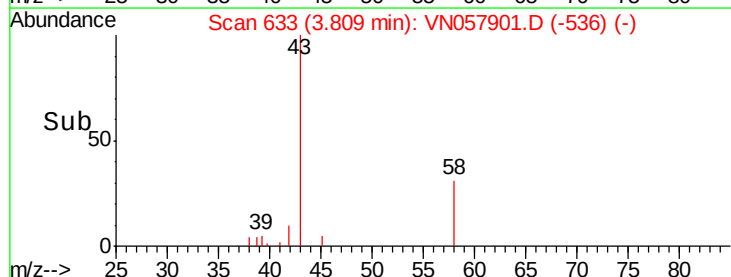
2000

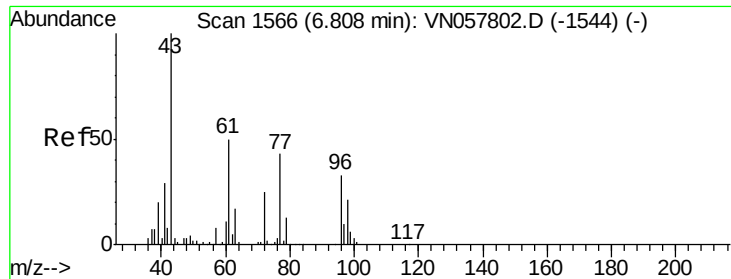
1000

0

3.70 3.80 3.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 0.862 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057901.D

Acq: 11 Sep 2019 6:16

Instrument :

MSVOA_N

ClientSampleId :

GW200A-B4-47.0-52.0-091019-FD

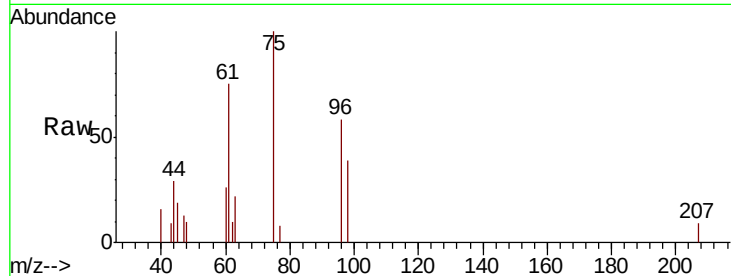
Tot Ion: 96 Resp: 3953

Ion Ratio Lower Upper

96 100

61 131.2 0.0 314.0

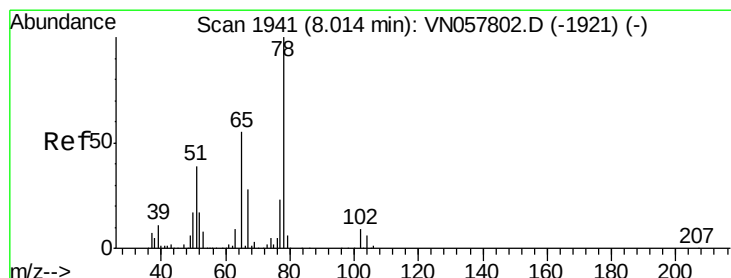
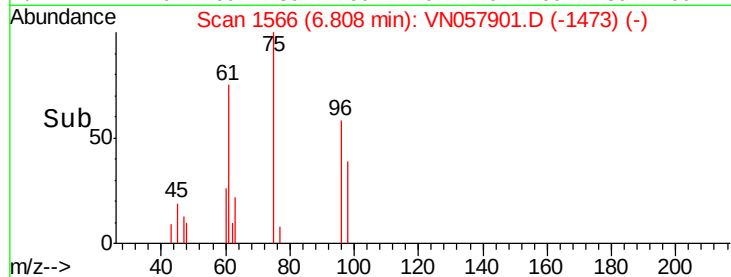
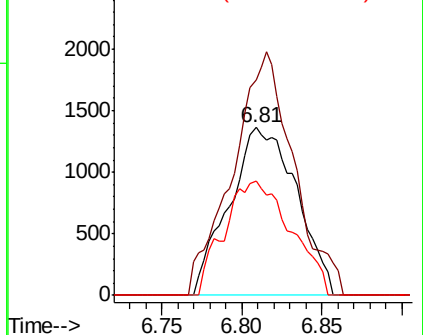
98 67.6 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN057802.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN057802.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN057802.D (-1544) (-)



#33

1,2-Dichloroethane-d4

Concen: 51.325 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057901.D

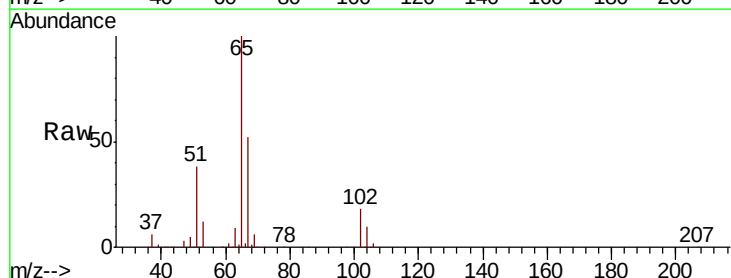
Acq: 11 Sep 2019 6:16

Tgt Ion: 65 Resp: 308996

Ion Ratio Lower Upper

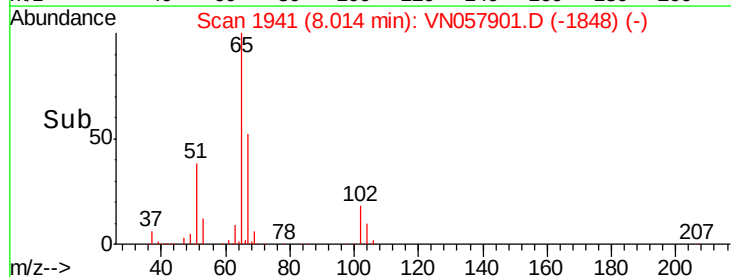
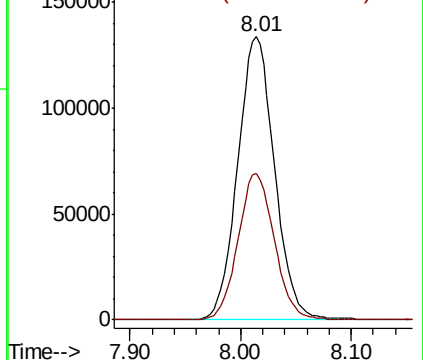
65 100

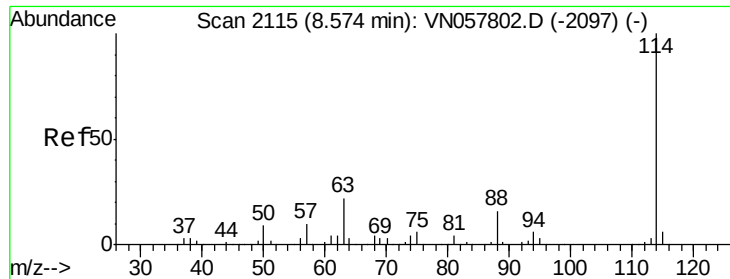
67 51.1 0.0 104.0



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

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

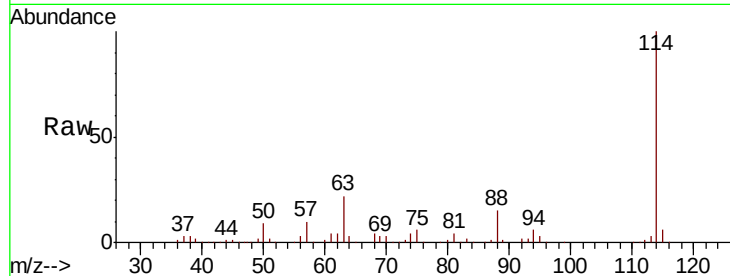




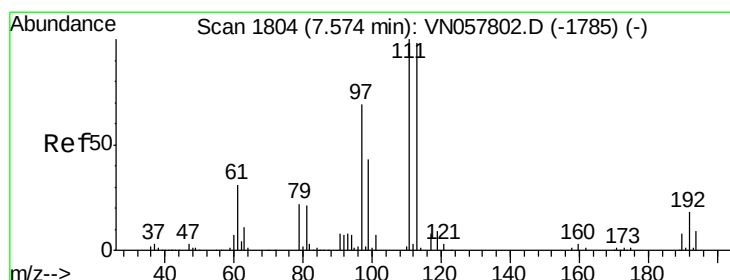
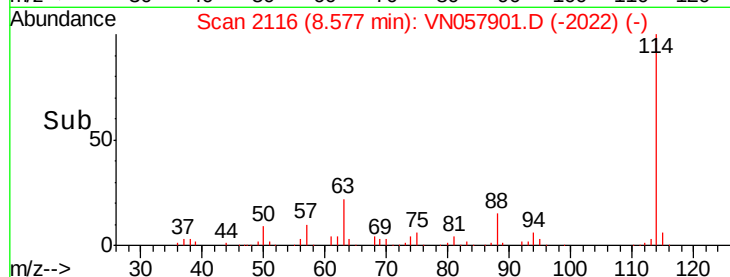
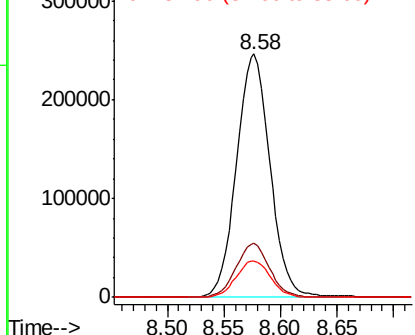
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057901.D
 Acq: 11 Sep 2019 6:16

Instrument :
 MSVOA_N
 ClientSampleId :
 GW200A-B4-47.0-52.0-091019-FD

Tot Ion:114 Resp: 508988
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.0
 88 15.0 0.0 31.4

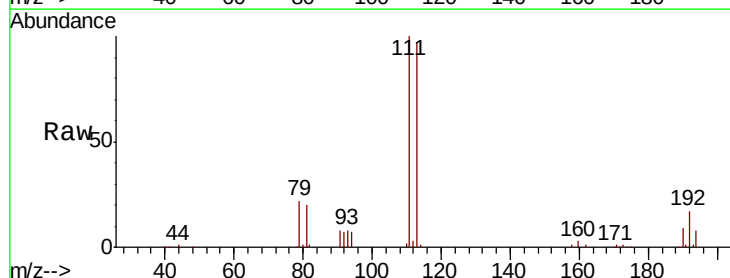


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

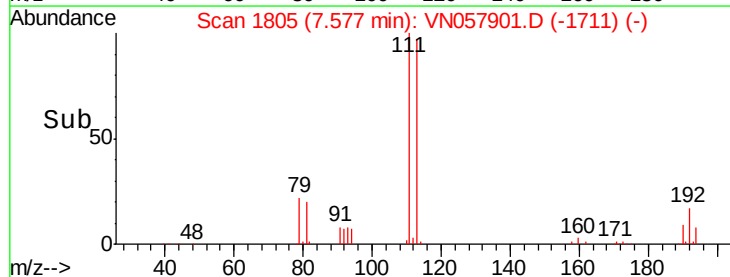
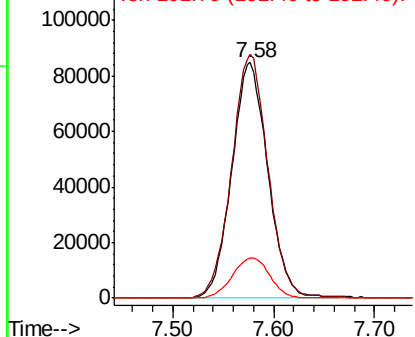


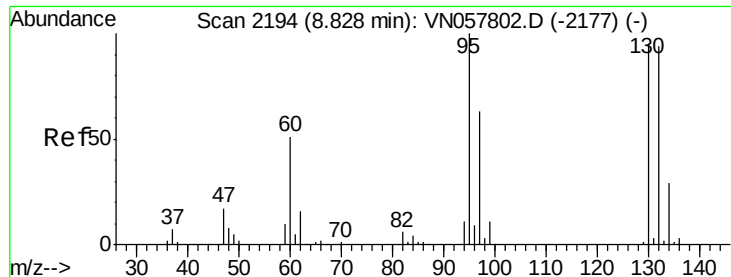
#35
 Dibromofluoromethane
 Concen: 44.785 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057901.D
 Acq: 11 Sep 2019 6:16

Tgt Ion:113 Resp: 210388
 Ion Ratio Lower Upper
 113 100
 111 104.4 81.3 121.9
 192 17.8 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





#44

Trichloroethene

Concen: 8.179 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057901.D

Acq: 11 Sep 2019 6:16

Instrument :

MSVOA_N

ClientSampleId :

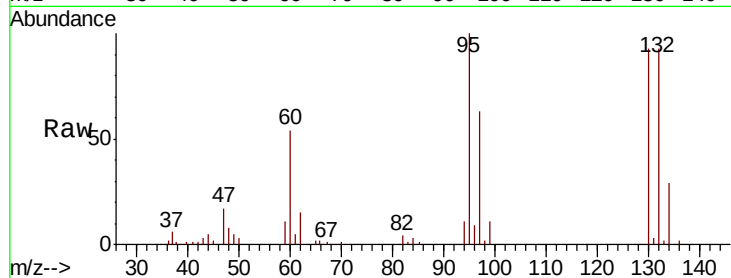
GW200A-B4-47.0-52.0-091019-FD

Tot Ion:130 Resp: 35651

Ion Ratio Lower Upper

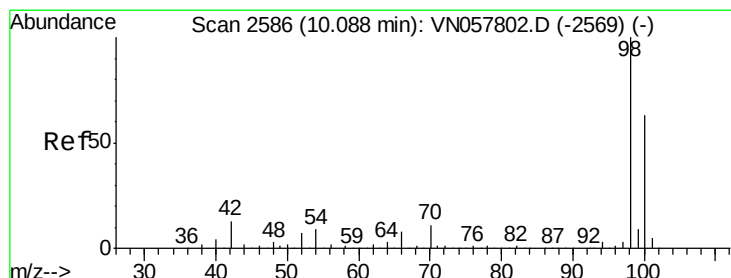
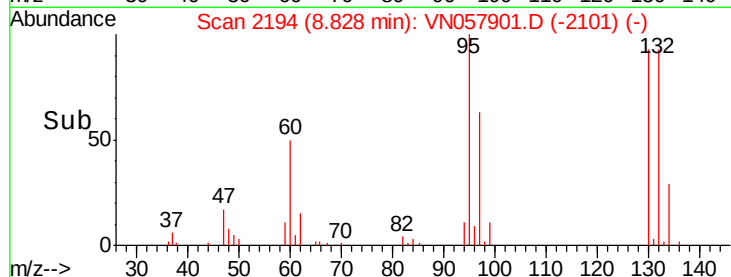
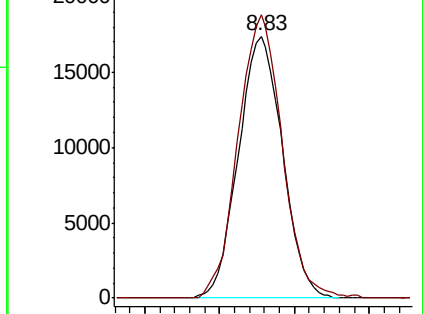
130 100

95 108.0 0.0 211.4



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

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



#50

Toluene-d8

Concen: 47.298 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057901.D

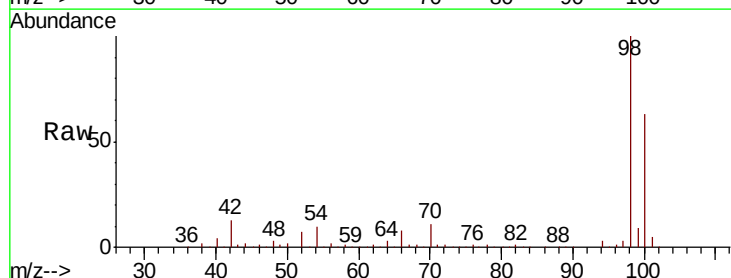
Acq: 11 Sep 2019 6:16

Tgt Ion: 98 Resp: 862677

Ion Ratio Lower Upper

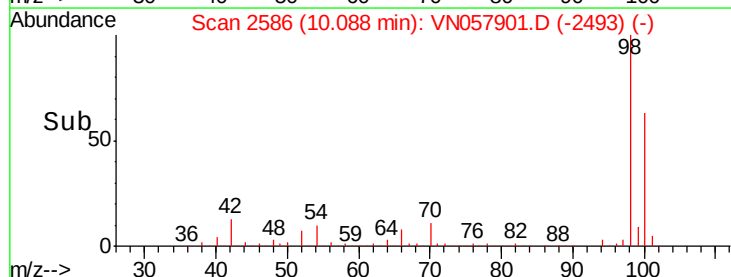
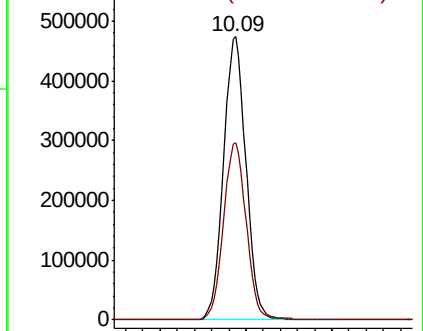
98 100

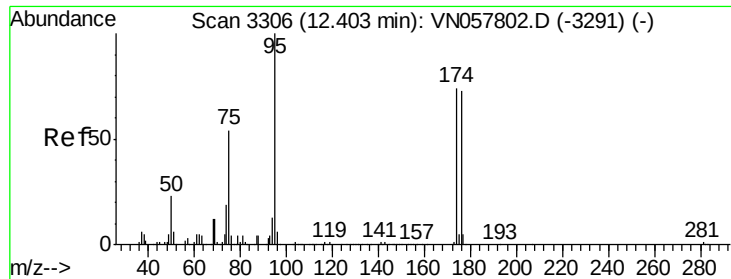
100 63.1 50.3 75.5



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

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





#62

4-Bromofluorobenzene

Concen: 40.197 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057901.D

Acq: 11 Sep 2019 6:16

Instrument :

MSVOA_N

ClientSampleId :

GW200A-B4-47.0-52.0-091019-FD

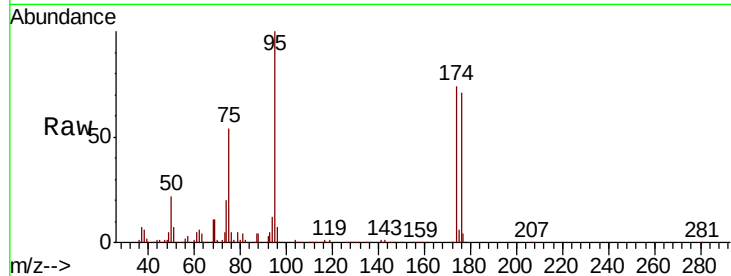
Tot Ion: 95 Resp: 279402

Ion Ratio Lower Upper

95 100

174 75.5 0.0 150.2

176 71.8 0.0 146.0

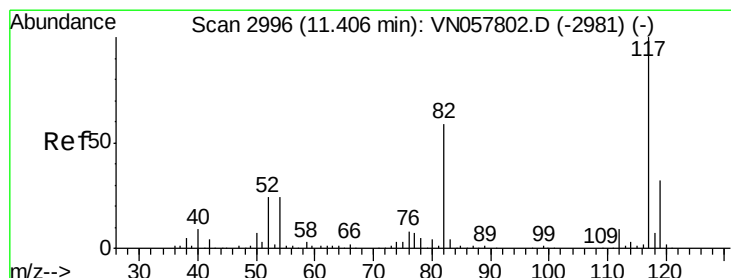
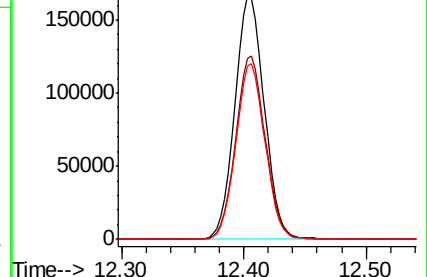
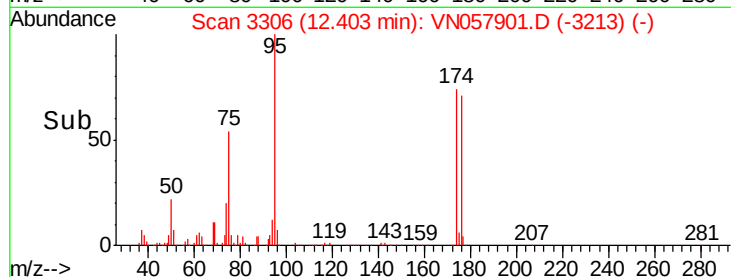


Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN057802.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN057802.D (-3291) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057901.D

Acq: 11 Sep 2019 6:16

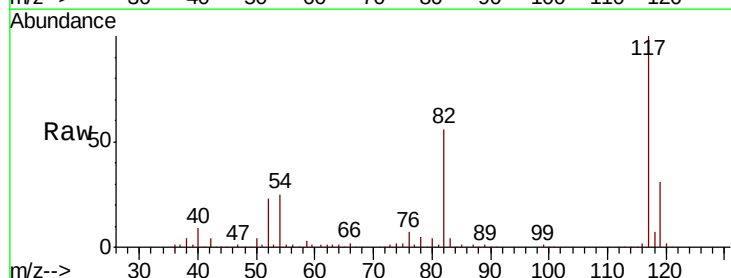
Tgt Ion: 117 Resp: 453812

Ion Ratio Lower Upper

117 100

82 56.3 47.2 70.8

119 31.3 25.3 37.9

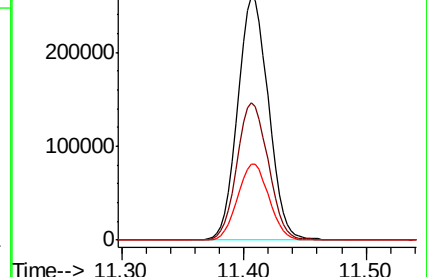
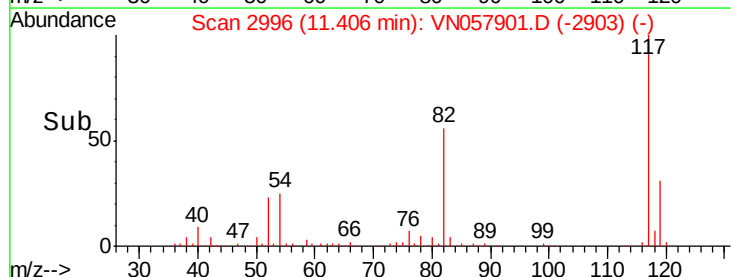


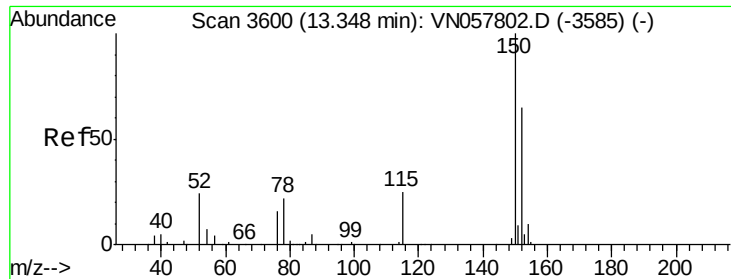
Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN057802.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN057802.D (-2981) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057901.D

Acq: 11 Sep 2019 6:16

Instrument :

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ClientSampleId :

GW200A-B4-47.0-52.0-091019-FD

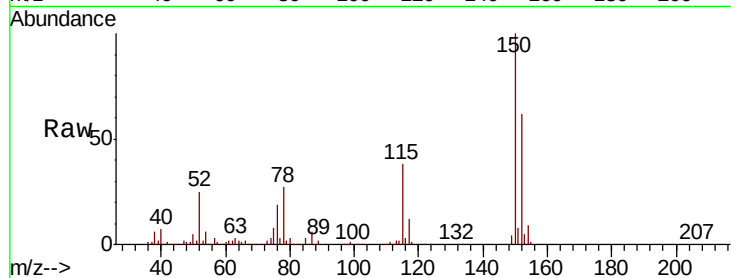
Tot Ion:152 Resp: 229790

Ion Ratio Lower Upper

152 100

115 60.8 30.3 91.0

150 159.2 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

