

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102119\
 Data File : VN058886.D
 Acq On : 21 Oct 2019 14:23
 Operator : JC/SP
 Sample : K5453-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT1496

Quant Time: Oct 22 04:27:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

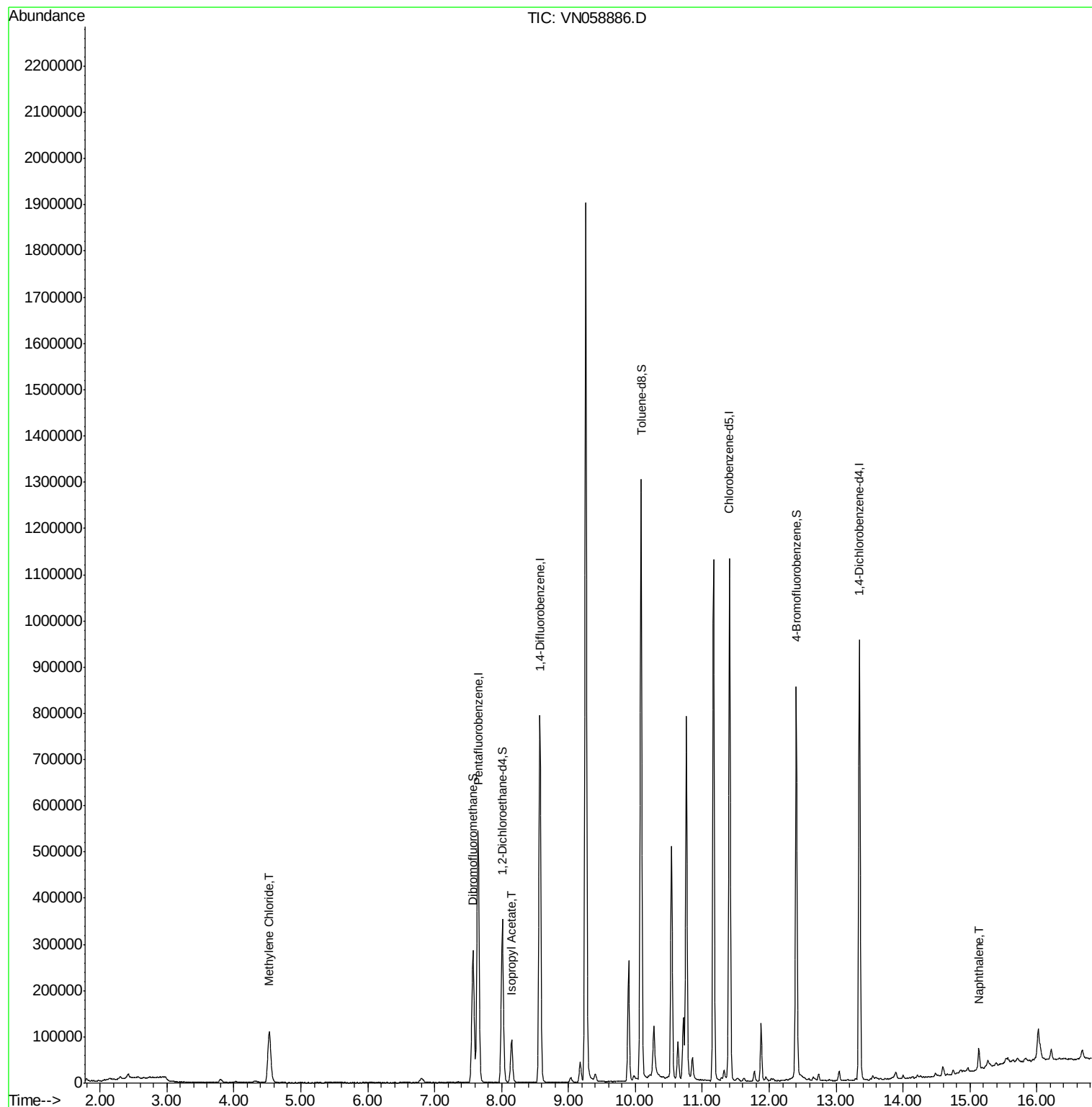
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	422612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	682659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	625898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	243578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	306977	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
35) Dibromofluoromethane	7.57	113	216157	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
50) Toluene-d8	10.08	98	872735	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.40	95	288608	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.22%	
Target Compounds						
20) Methylene Chloride	4.53	84	83251	15.918	ug/l	99
43) Isopropyl Acetate	8.15	43	109951	9.003	ug/l #	90
95) Naphthalene	15.13	128	32905	4.479	ug/l	96

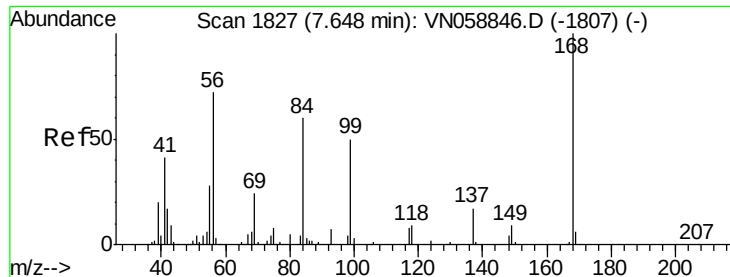
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102119\
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Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058886.D

Acq: 21 Oct 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

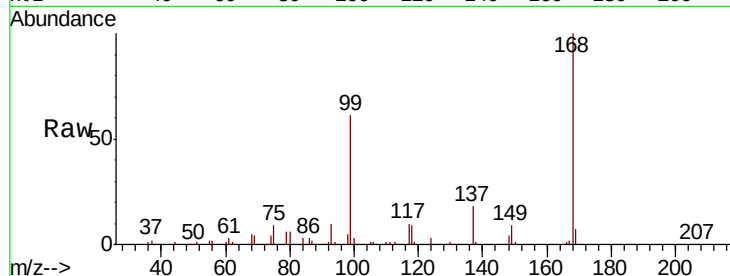
RT1496

Tot Ion:168 Resp: 422612

Ion Ratio Lower Upper

168 100

99 60.5 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

150000

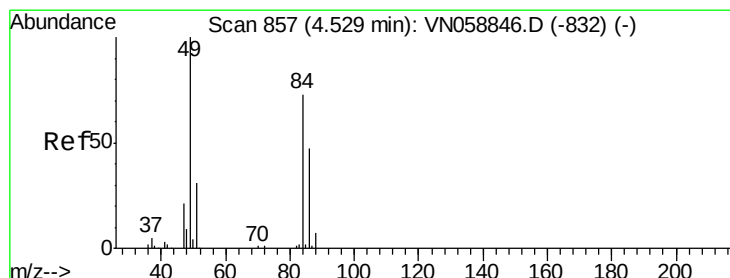
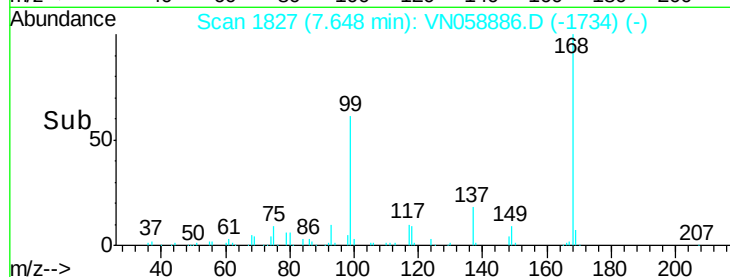
100000

50000

0

7.60 7.70

Time-->



#20

Methylene Chloride

Concen: 15.918 ug/l

RT: 4.53 min Scan# 858

Delta R.T. 0.00 min

Lab File: VN058886.D

Acq: 21 Oct 2019 14:23

Tgt Ion: 84 Resp: 83251

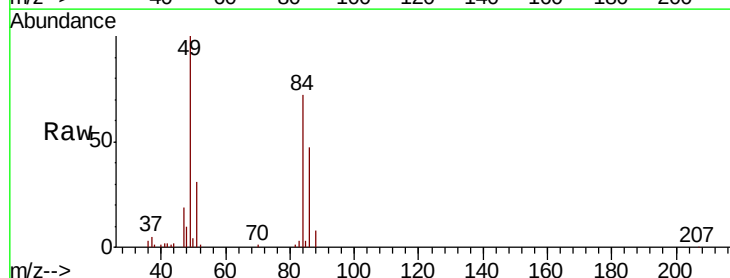
Ion Ratio Lower Upper

84 100

49 138.0 109.6 164.4

51 43.0 33.8 50.6

86 65.0 51.5 77.3



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

50000

40000

30000

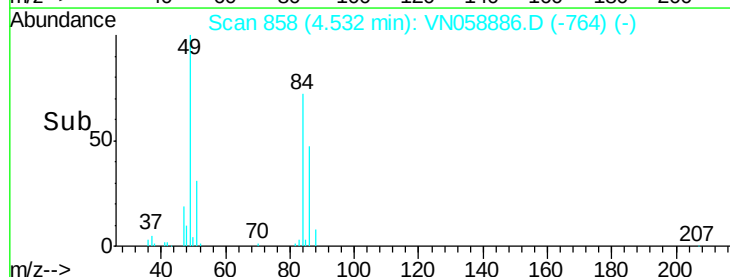
20000

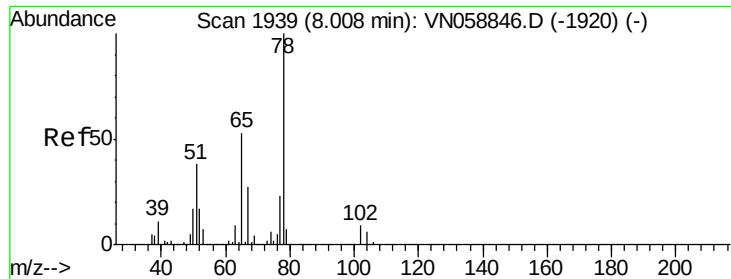
10000

0

4.40 4.50 4.60

Time-->

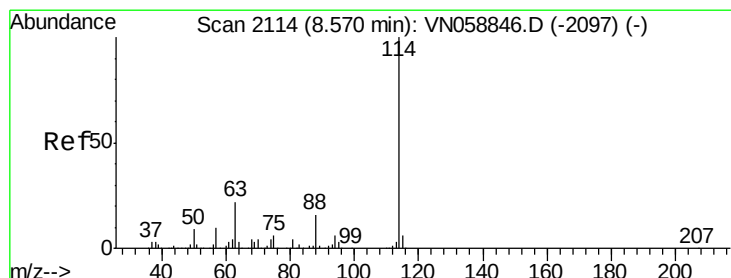
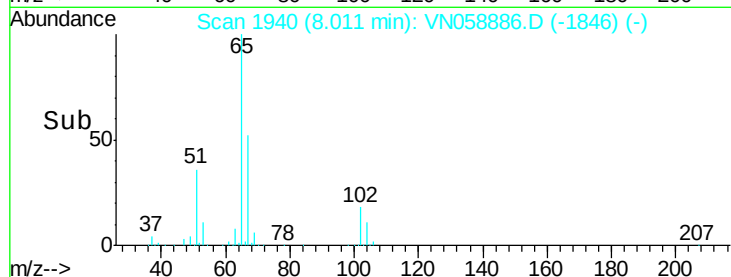
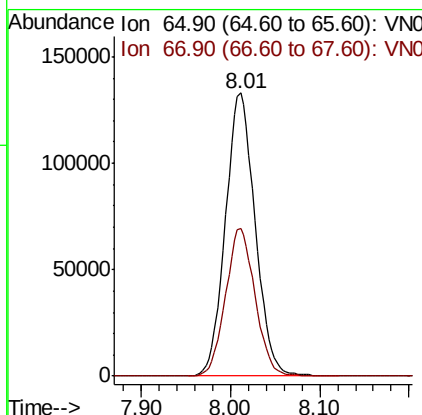
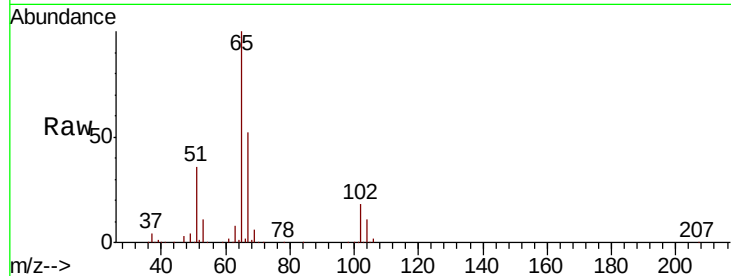




#33
 1,2-Dichloroethane-d4
 Concen: 49.526 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058886.D
 Acq: 21 Oct 2019 14:23

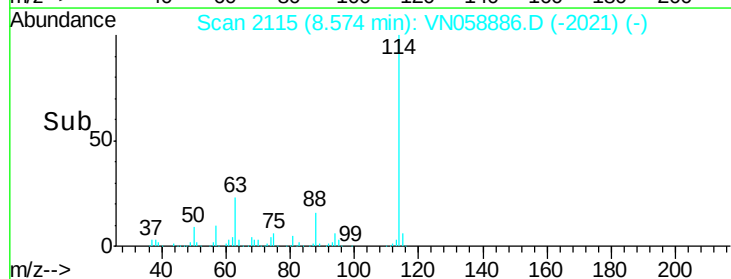
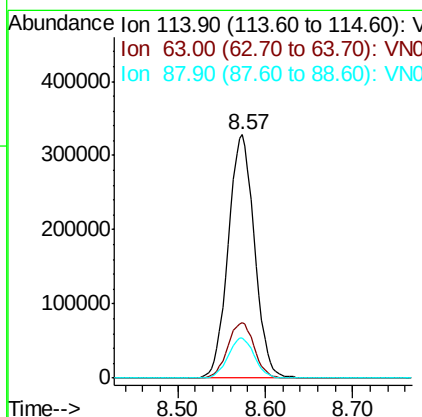
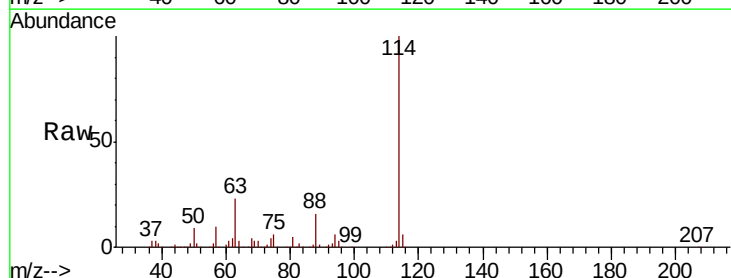
Instrument :
 MSVOA_N
 ClientSampled :
 RT1496

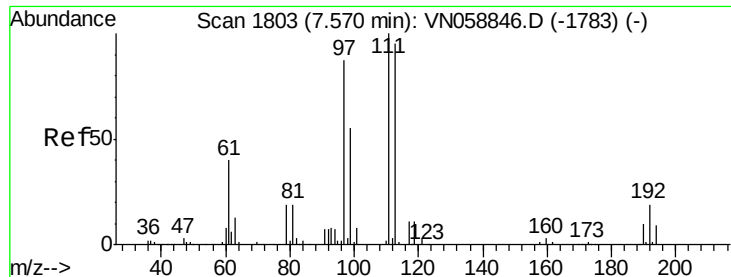
Tot Ion: 65 Resp: 306977
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058886.D
 Acq: 21 Oct 2019 14:23

Tgt Ion: 114 Resp: 682659
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.4
 88 16.5 0.0 31.4

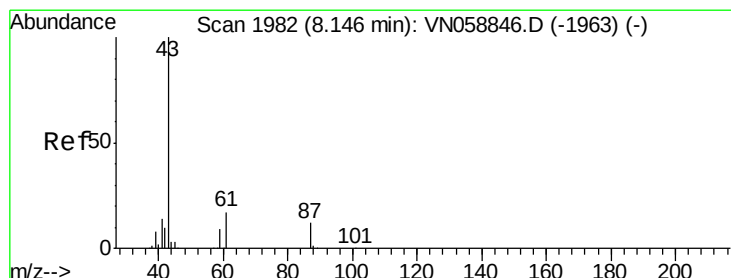
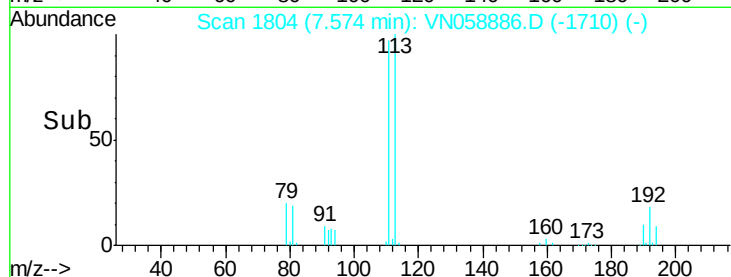
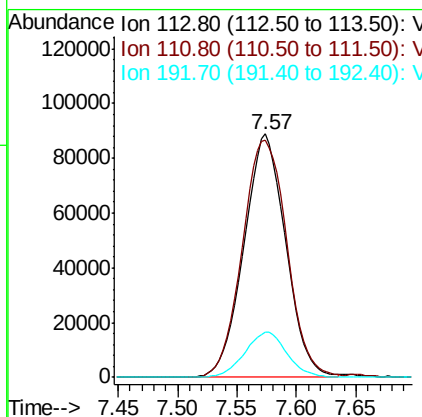
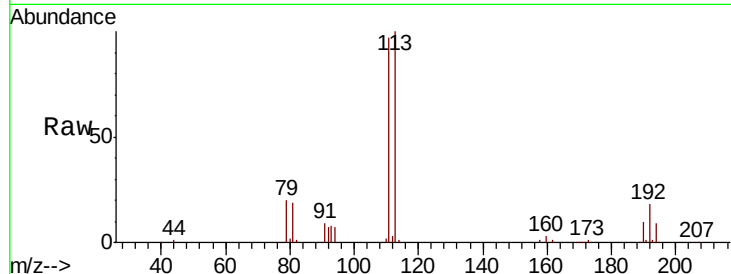




#35
 Dibromofluoromethane
 Concen: 48.160 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058886.D
 Acq: 21 Oct 2019 14:23

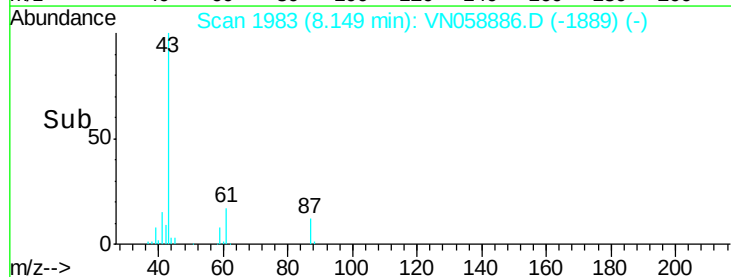
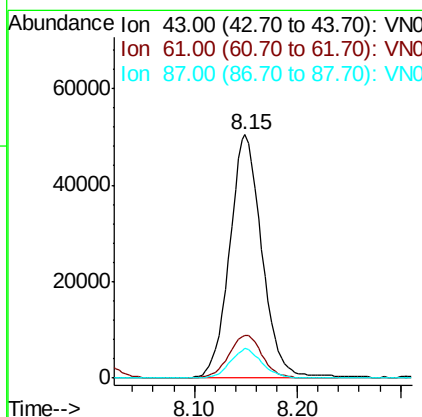
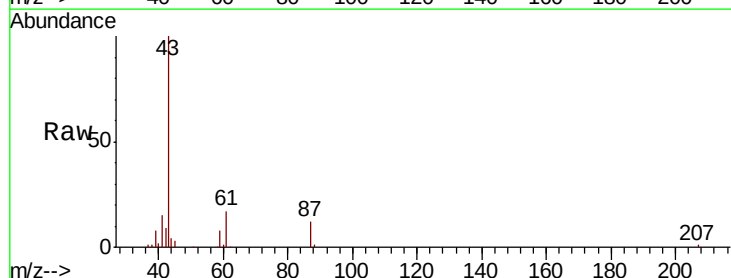
Instrument :
 MSVOA_N
 ClientSampleId :
 RT1496

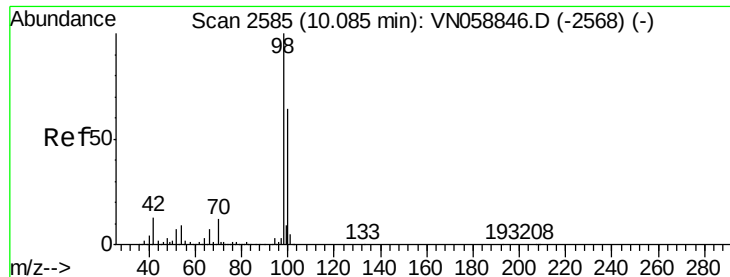
Tot Ion:113 Resp: 216157
 Ion Ratio Lower Upper
 113 100
 111 104.1 82.0 123.0
 192 18.7 15.0 22.6



#43
 Isopropyl Acetate
 Concen: 9.003 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN058886.D
 Acq: 21 Oct 2019 14:23

Tgt Ion: 43 Resp: 109951
 Ion Ratio Lower Upper
 43 100
 61 18.1 20.2 30.2#
 87 11.7 9.5 14.3





#50

Toluene-d8

Concen: 50.091 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058886.D

Acq: 21 Oct 2019 14:23

Instrument :

MSVOA_N

ClientSampleId :

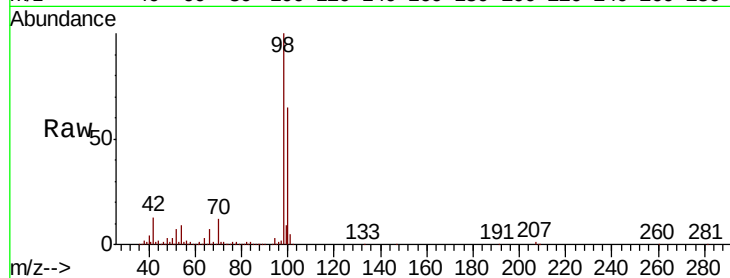
RT1496

Tot Ion: 98 Resp: 872735

Ion Ratio Lower Upper

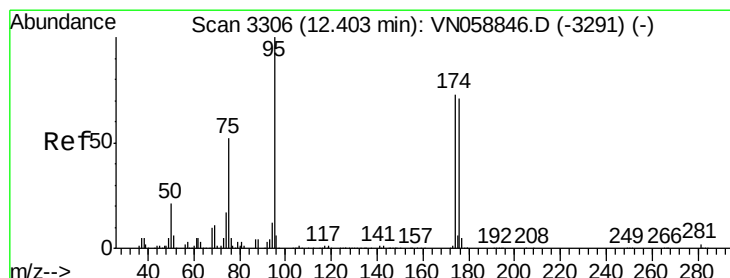
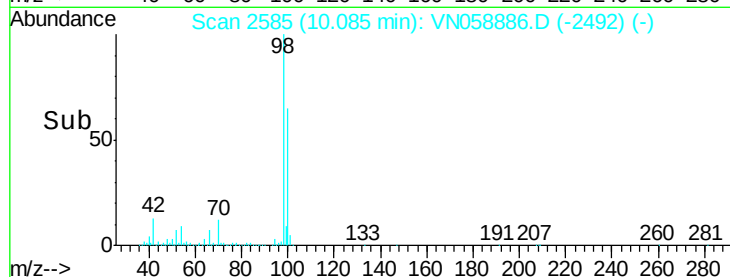
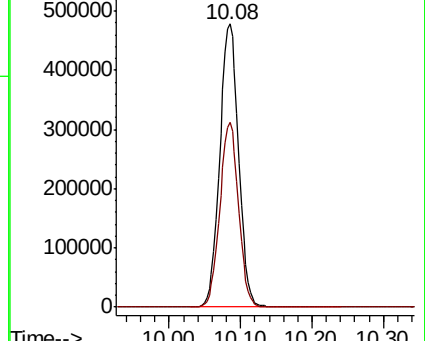
98 100

100 64.7 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 45.108 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058886.D

Acq: 21 Oct 2019 14:23

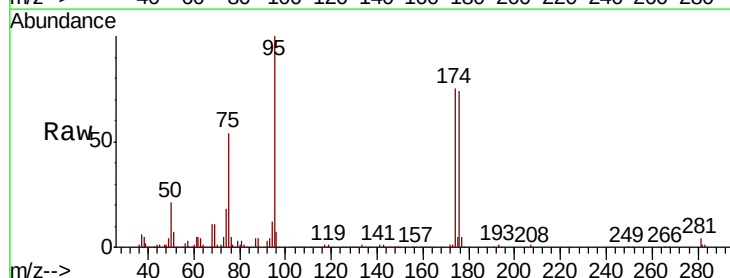
Tgt Ion: 95 Resp: 288608

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.6

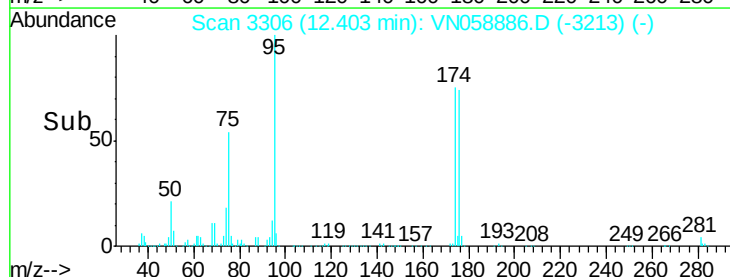
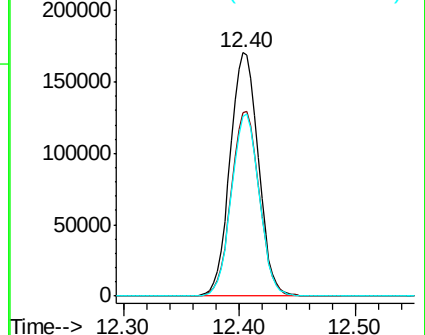
176 73.3 0.0 143.2

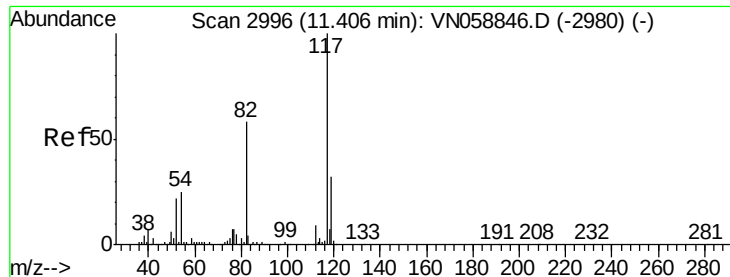


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

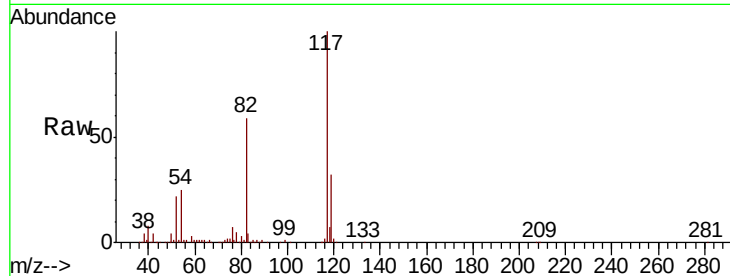




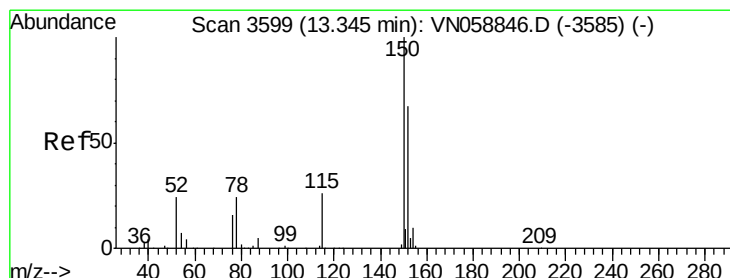
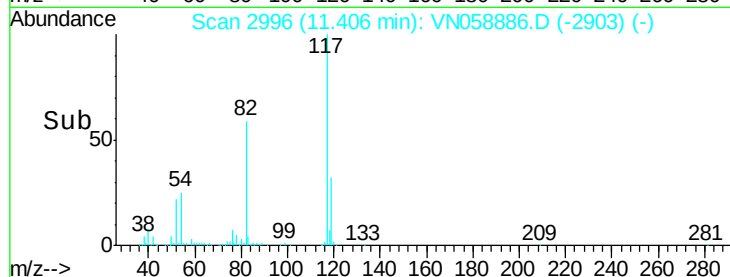
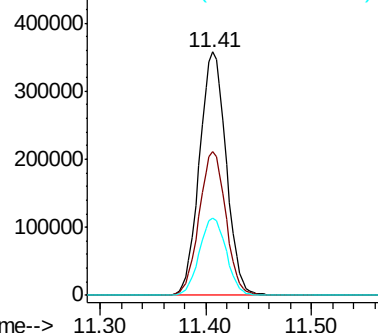
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument :
MSVOA_N
ClientSampleId :
RT1496

Tot Ion:117 Resp: 625898
Ion Ratio Lower Upper
117 100
82 59.1 46.6 69.8
119 31.9 25.6 38.4

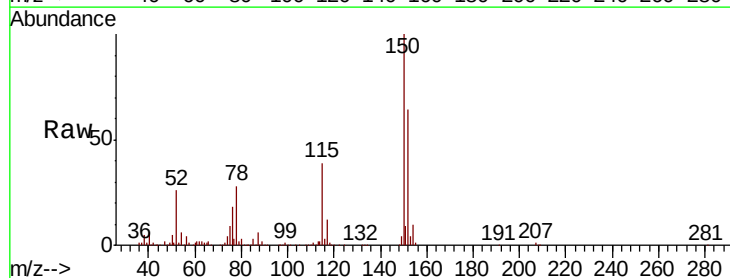


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

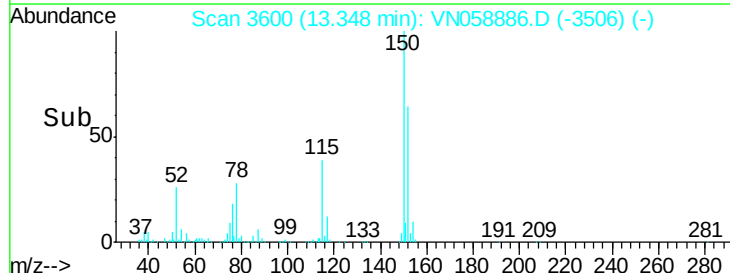
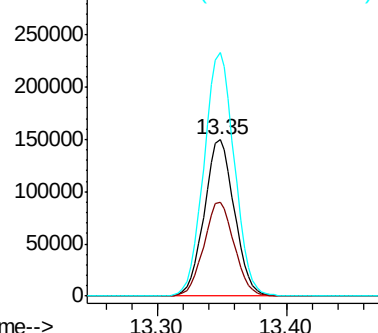


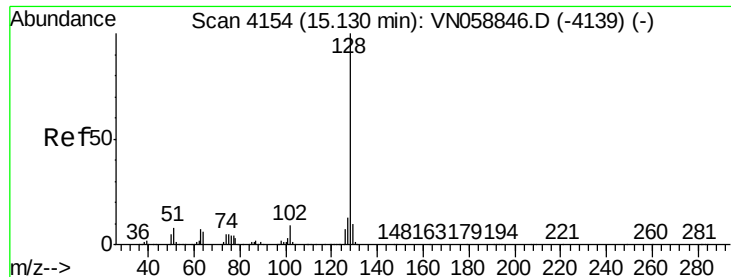
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Tgt Ion:152 Resp: 243578
Ion Ratio Lower Upper
152 100
115 60.4 30.5 91.5
150 156.7 0.0 344.4



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

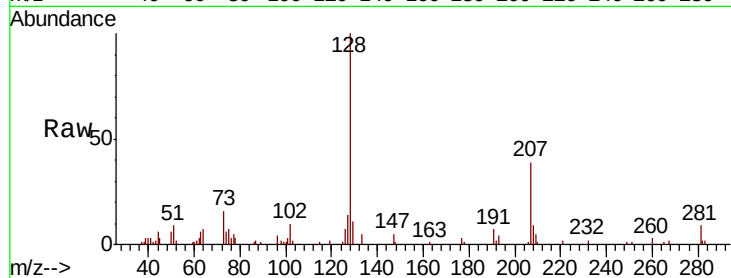




#95
Naphthalene
Concen: 4.479 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN058886.D
Acq: 21 Oct 2019 14:23

Instrument :
MSVOA_N
ClientSampleId :
RT1496

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.2	15.2
129	11.7	8.4	12.6



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

