

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100319\
 Data File : VN058515.D
 Acq On : 3 Oct 2019 17:12
 Operator : JC/SP
 Sample : K5160-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CSA-3-1

Quant Time: Oct 04 04:54:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

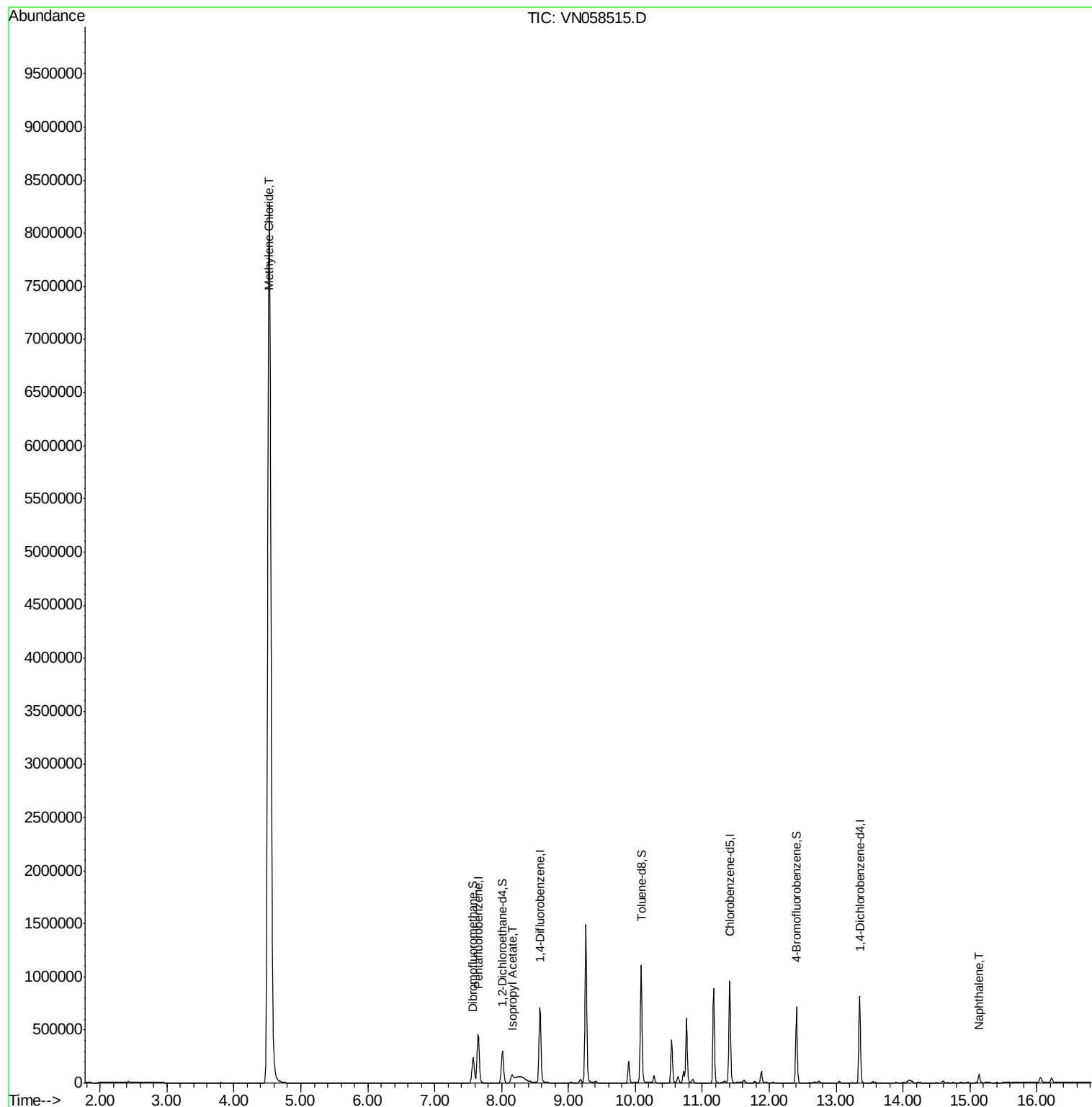
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	359185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	603664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	523757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	203510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	263718	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
35) Dibromofluoromethane	7.58	113	185736	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
50) Toluene-d8	10.08	98	749716	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.41	95	239424	45.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.38%	
Target Compounds						
20) Methylene Chloride	4.53	84	6536123	1582.891	ug/l #	81
43) Isopropyl Acetate	8.16	43	103823	11.282	ug/l	94
95) Naphthalene	15.14	128	62740	6.285	ug/l	99

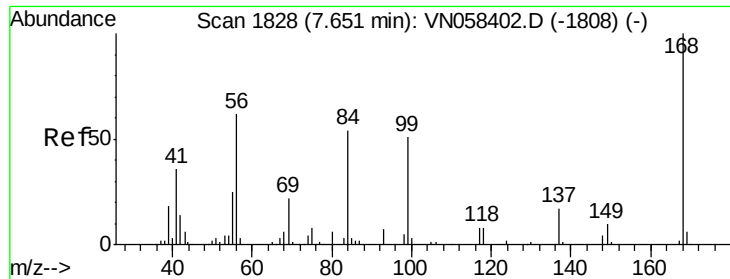
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100319\
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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 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: VN058515.D

Acq: 3 Oct 2019 17:12

Instrument :

MSVOA_N

ClientSampleId :

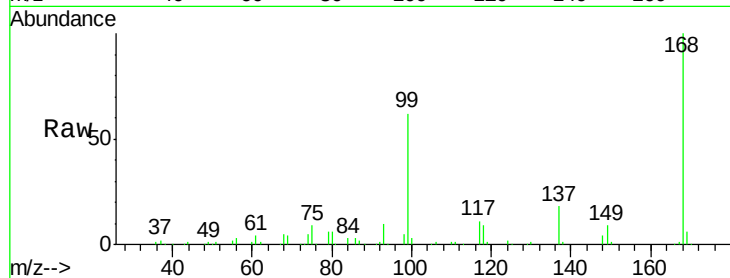
CSA-3-1

Tot Ion:168 Resp: 359185

Ion Ratio Lower Upper

168 100

99 62.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

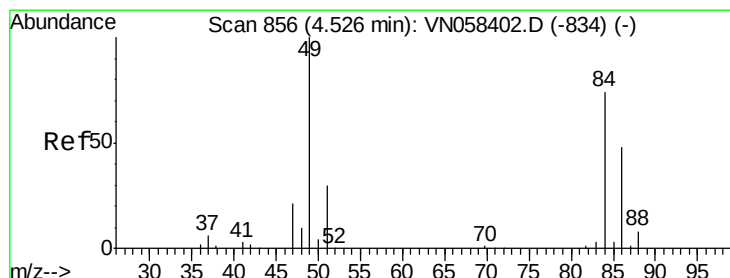
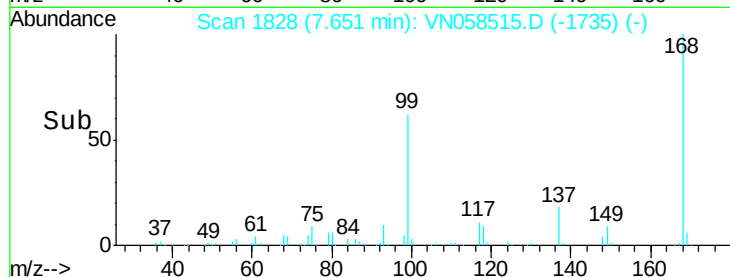
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1582.891 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058515.D

Acq: 3 Oct 2019 17:12

Tgt Ion: 84 Resp: 6536123

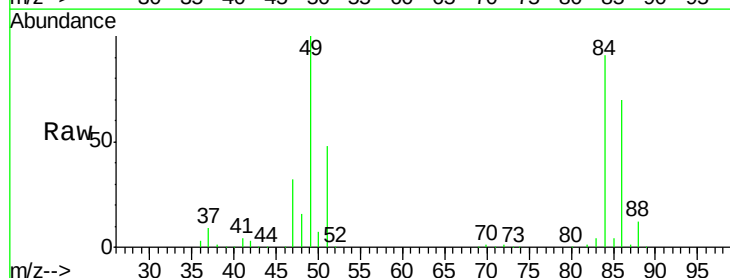
Ion Ratio Lower Upper

84 100

49 109.5 107.9 161.9

51 52.4 32.8 49.2#

86 76.4 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

4.53

3000000

2500000

2000000

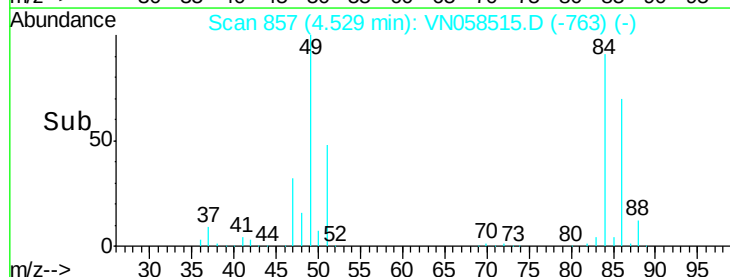
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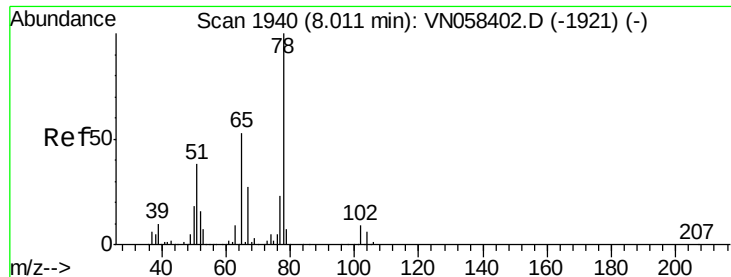
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500000

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Time-->

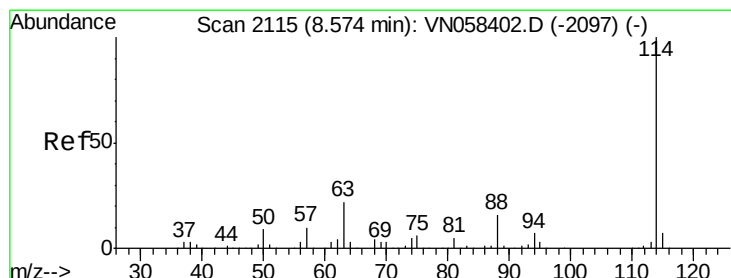
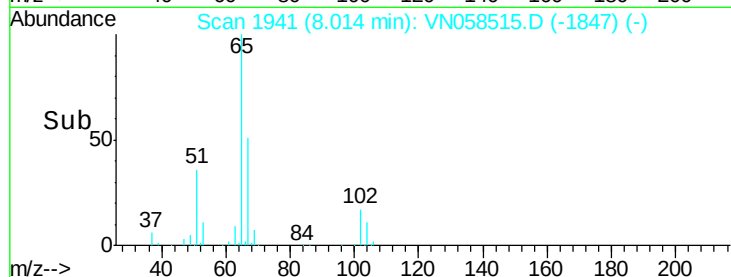
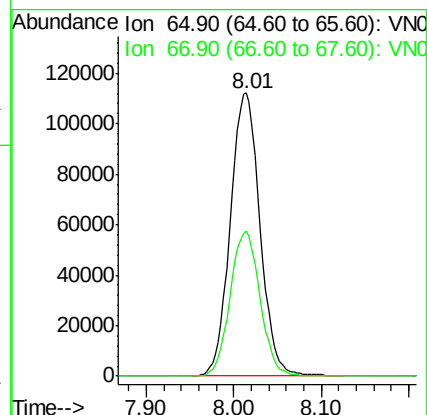
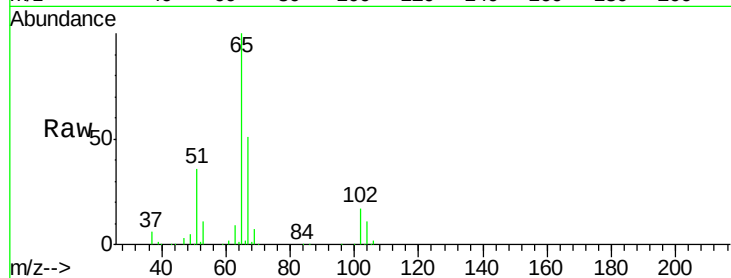




#33
 1,2-Dichloroethane-d4
 Concen: 50.242 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058515.D
 Acq: 3 Oct 2019 17:12

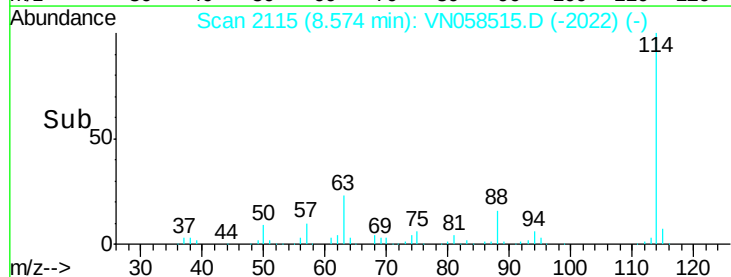
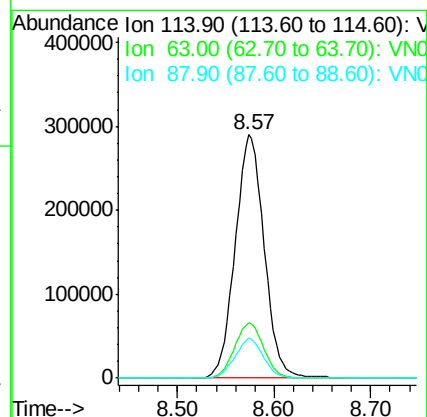
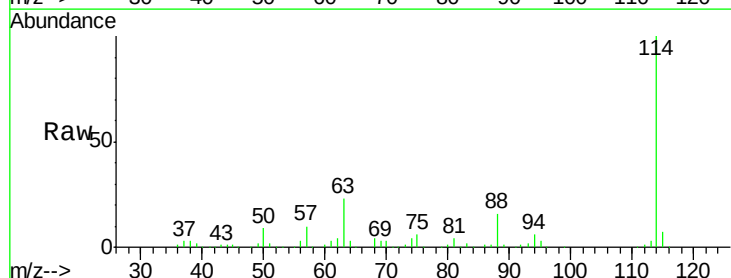
Instrument :
 MSVOA_N
 ClientSampled :
 CSA-3-1

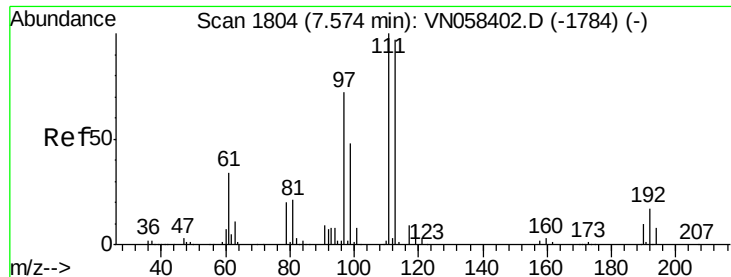
Tot Ion: 65 Resp: 263718
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058515.D
 Acq: 3 Oct 2019 17:12

Tgt Ion: 114 Resp: 603664
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.0
 88 16.3 0.0 32.2

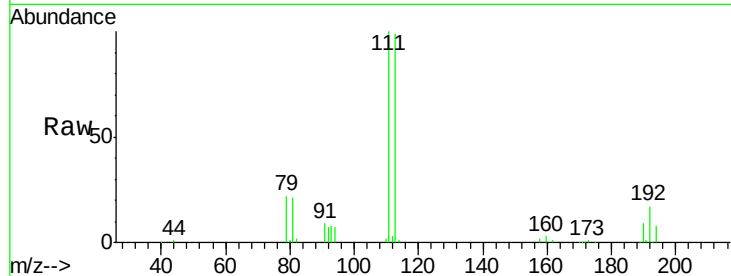




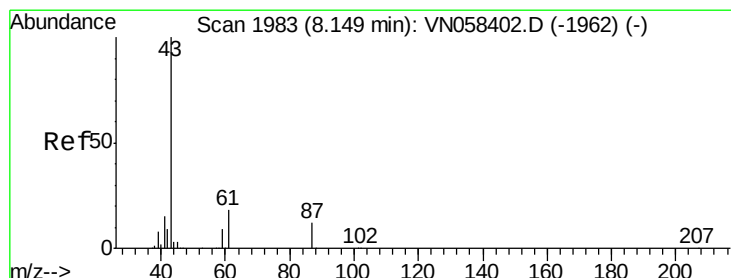
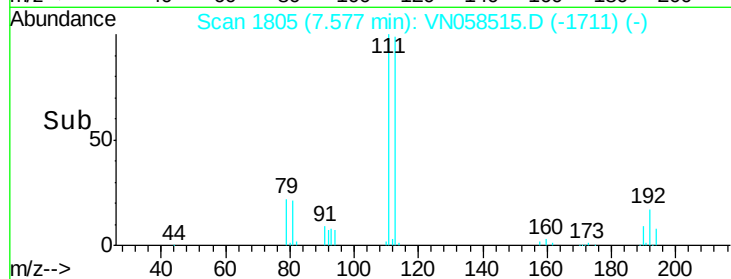
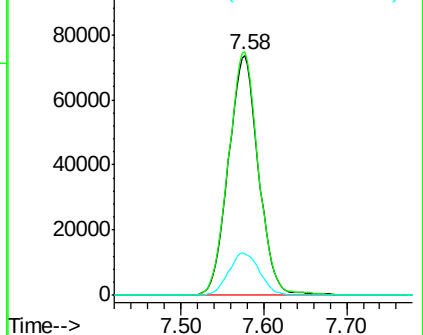
#35
 Dibromofluoromethane
 Concen: 50.202 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058515.D
 Acq: 3 Oct 2019 17:12

Instrument :
 MSVOA_N
 ClientSampled :
 CSA-3-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.4	125.2
192	18.4	14.9	22.3

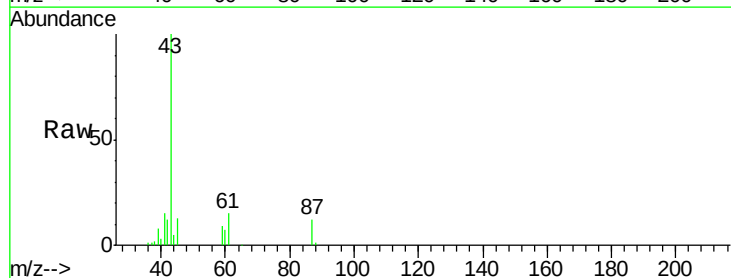


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

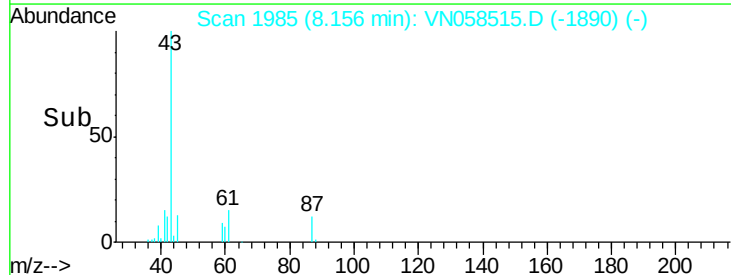
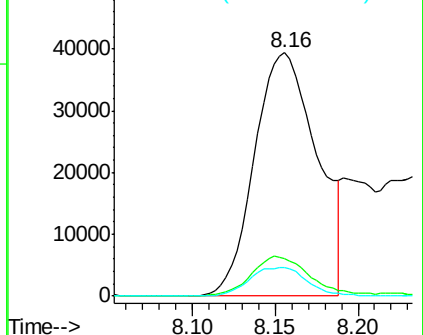


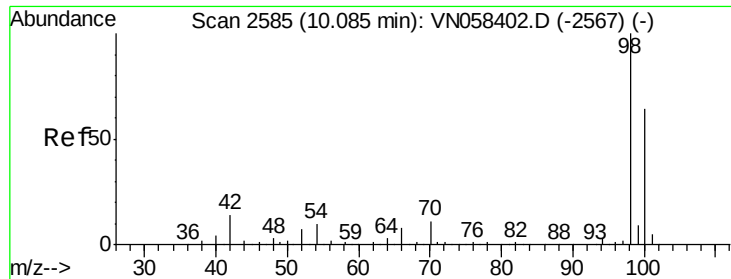
#43
 Isopropyl Acetate
 Concen: 11.282 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.01 min
 Lab File: VN058515.D
 Acq: 3 Oct 2019 17:12

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.2	14.8	22.2
87	10.8	9.7	14.5



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 51.727 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058515.D

Acq: 3 Oct 2019 17:12

Instrument :

MSVOA_N

ClientSampled :

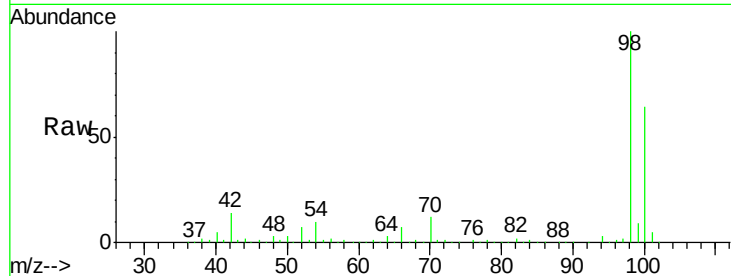
CSA-3-1

Tot Ion: 98 Resp: 749716

Ion Ratio Lower Upper

98 100

100 63.9 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058402.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN058402.D (-2567) (-)

10.08

400000

300000

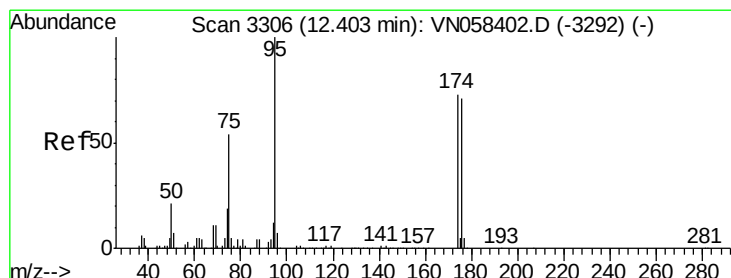
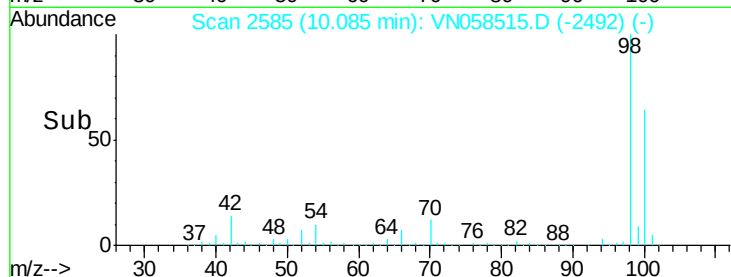
200000

100000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 45.686 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058515.D

Acq: 3 Oct 2019 17:12

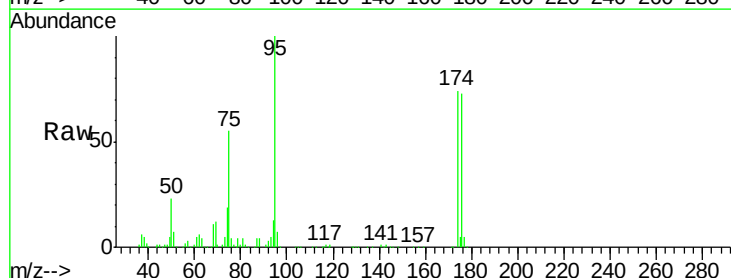
Tgt Ion: 95 Resp: 239424

Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.6

176 72.5 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)

12.41

200000

150000

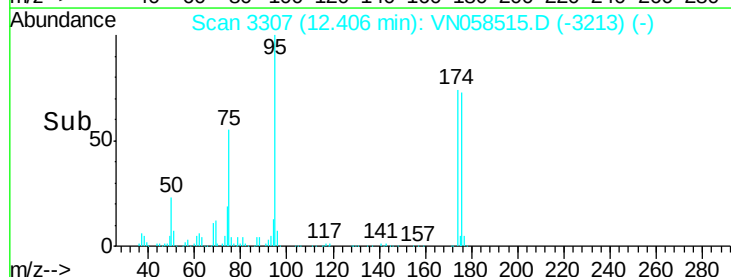
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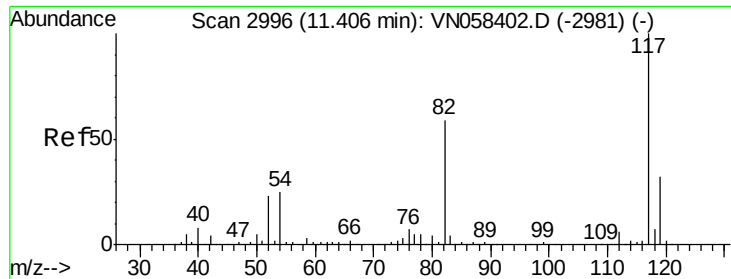
50000

0

12.30 12.40 12.50

Time-->

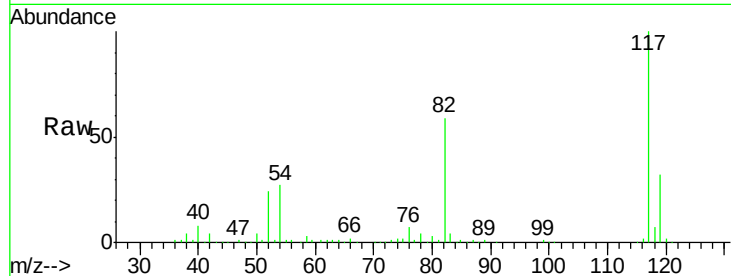




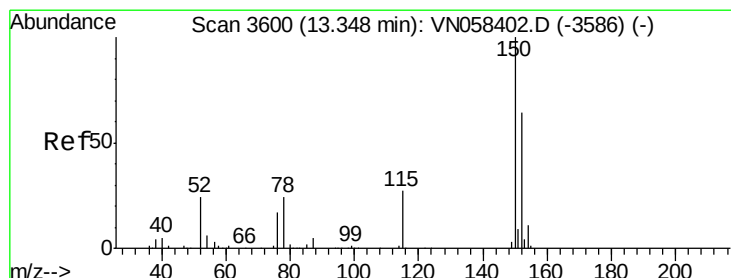
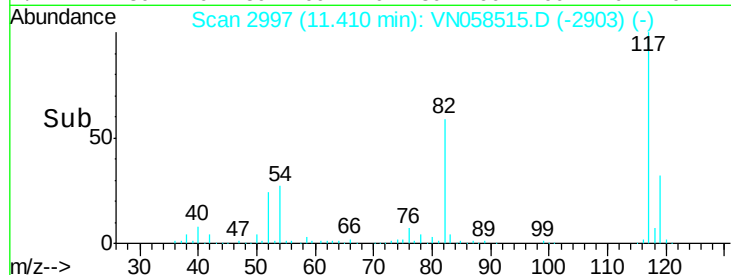
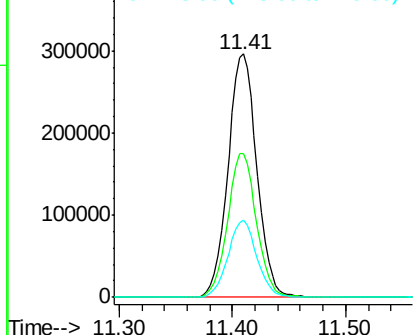
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058515.D
Acq: 3 Oct 2019 17:12

Instrument :
MSVOA_N
ClientSampleId :
CSA-3-1

Tot Ion:117 Resp: 523757
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.0
119 31.5 25.5 38.3

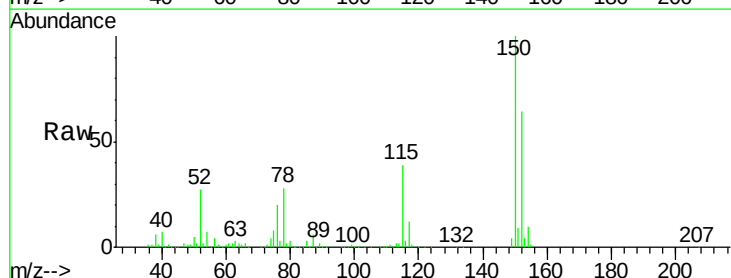


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

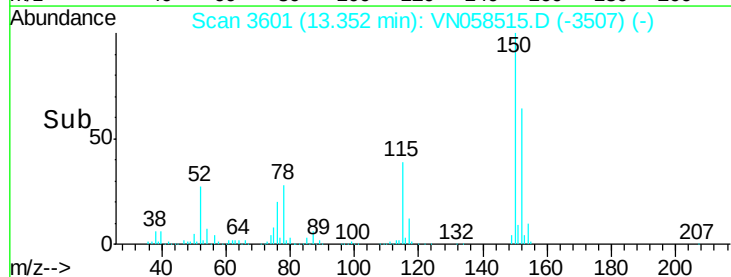
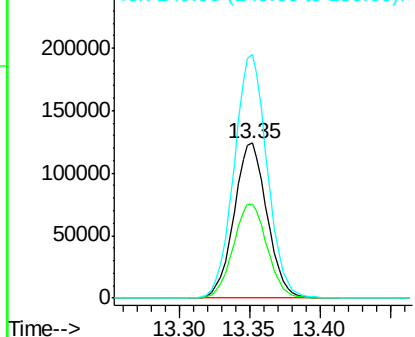


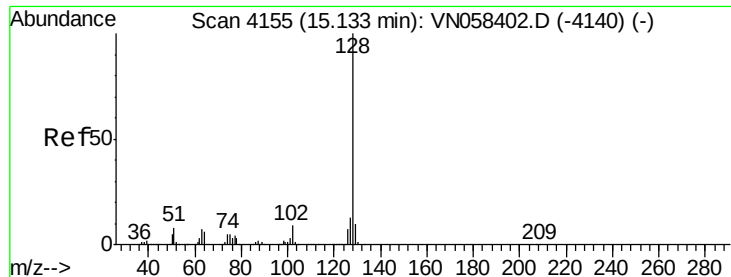
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058515.D
Acq: 3 Oct 2019 17:12

Tgt Ion:152 Resp: 203510
Ion Ratio Lower Upper
152 100
115 62.3 30.0 90.0
150 157.5 0.0 348.2



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: 6.285 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058515.D

Acq: 3 Oct 2019 17:12

Instrument :

MSVOA_N

ClientSampleId :

CSA-3-1

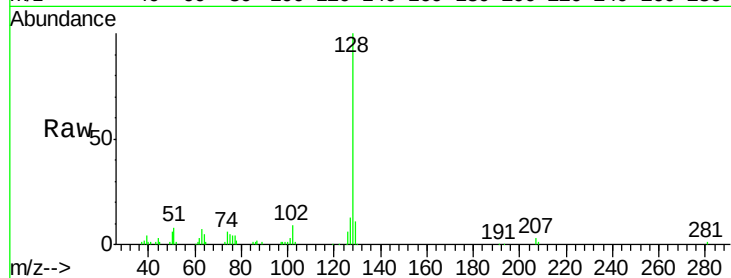
Tot Ion:128 Resp: 62740

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.8 8.3 12.5



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

