

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100219\
 Data File : VN058493.D
 Acq On : 2 Oct 2019 22:34
 Operator : JC/SP
 Sample : K5131-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190828-COMPOSITE-D

Quant Time: Oct 03 06:28:36 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	368318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	615252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	529531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	193665	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	274297	50.96	ug/l	0.00
Spiked Amount						
			Recovery	=	101.92%	
35) Dibromofluoromethane	7.58	113	190214	50.44	ug/l	0.00
Spiked Amount						
			Recovery	=	100.88%	
50) Toluene-d8	10.08	98	768090	52.00	ug/l	0.00
Spiked Amount						
			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.41	95	238683	44.69	ug/l	0.00
Spiked Amount						
			Recovery	=	89.38%	

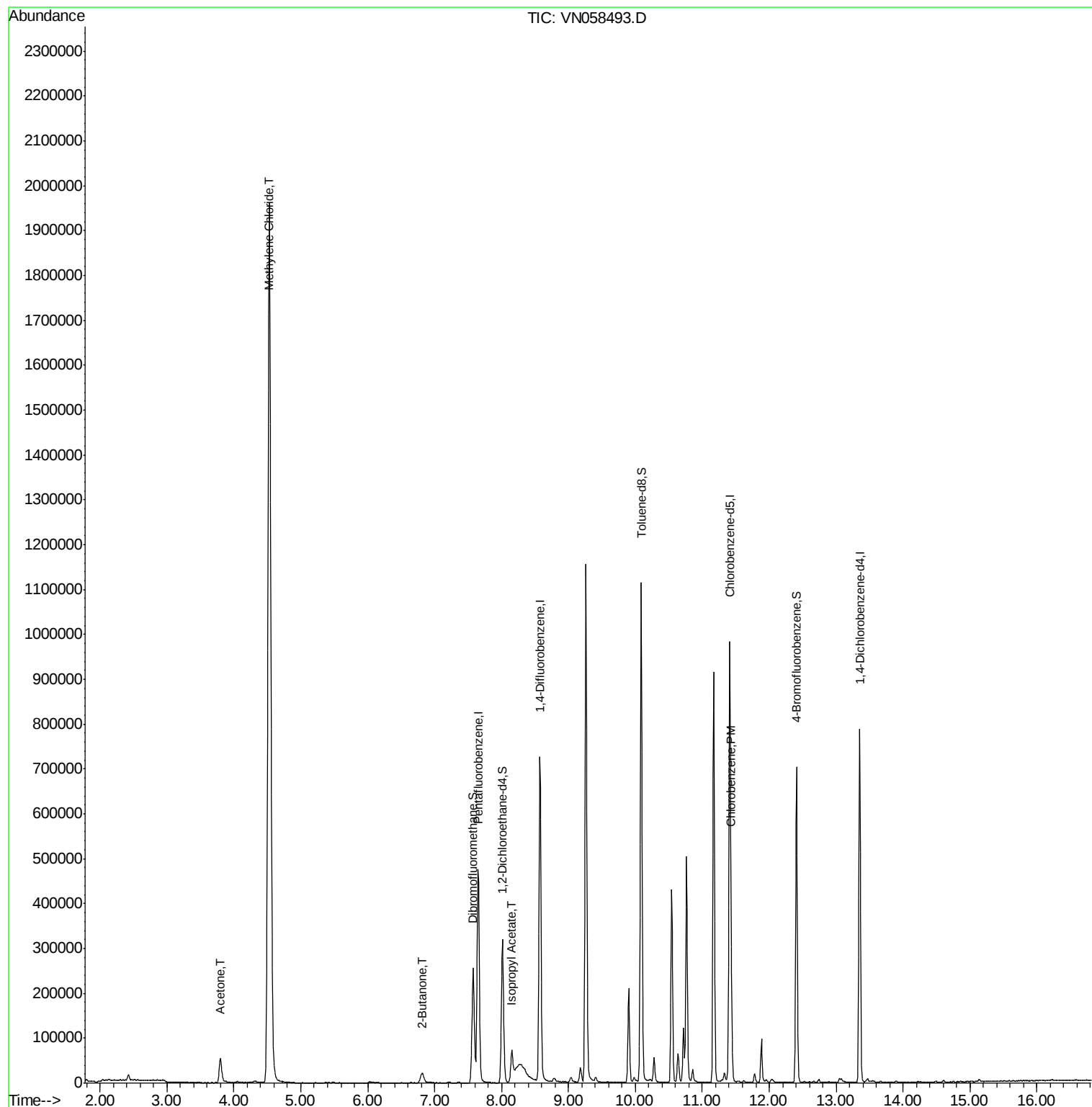
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	93664	51.049	ug/l	95
20) Methylene Chloride	4.53	84	1416765	334.598	ug/l	99
25) 2-Butanone	6.82	43	21182	8.408	ug/l	94
43) Isopropyl Acetate	8.15	43	102281	10.905	ug/l	94
65) Chlorobenzene	11.44	112	80281	7.627	ug/l	100

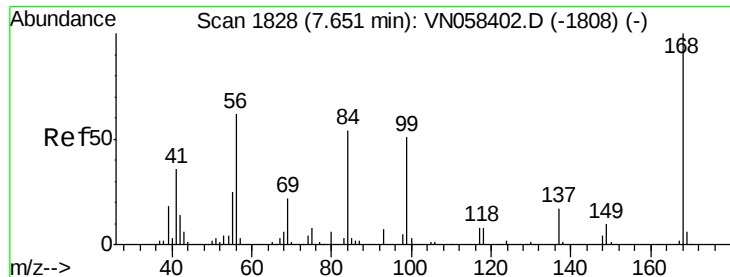
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058493.D

Acq: 2 Oct 2019 22:34

Instrument :

MSVOA_N

ClientSampleId :

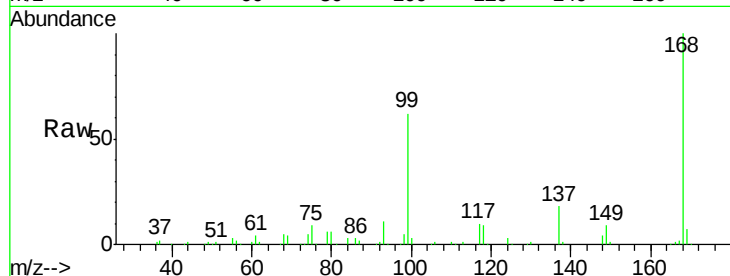
20190828-COMPOSITE-D

Tot Ion:168 Resp: 368318

Ion Ratio Lower Upper

168 100

99 61.8 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

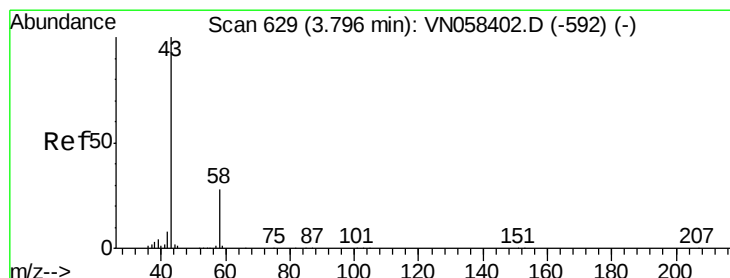
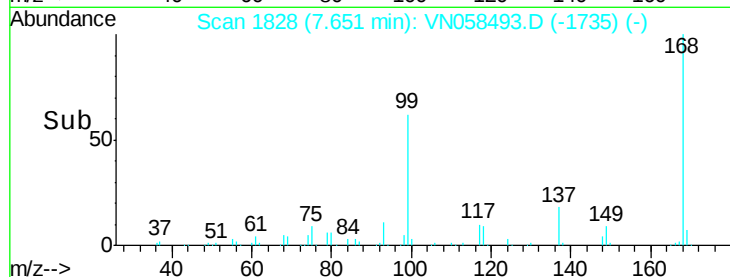
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 51.049 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058493.D

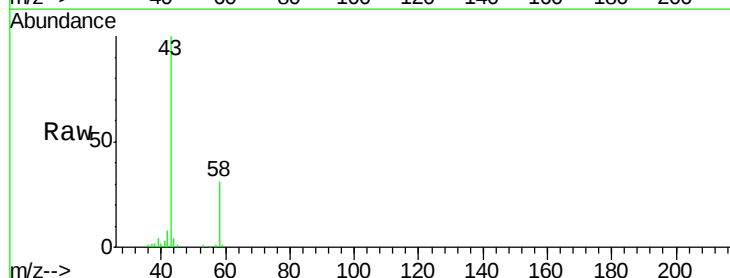
Acq: 2 Oct 2019 22:34

Tgt Ion: 43 Resp: 93664

Ion Ratio Lower Upper

43 100

58 30.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

40000

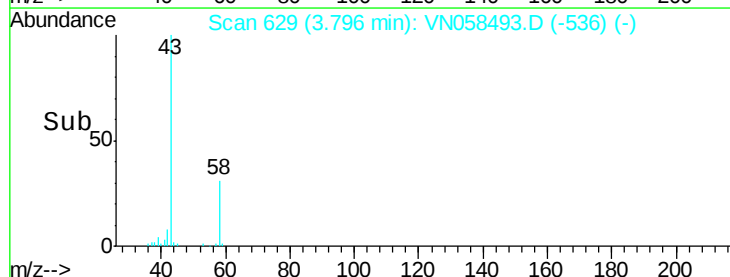
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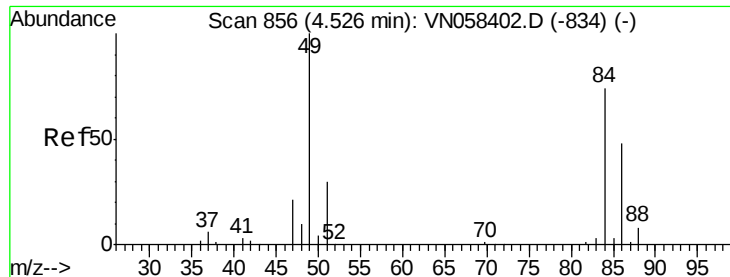
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10000

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Time-->

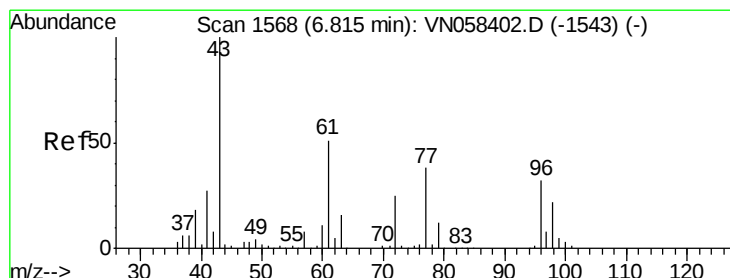
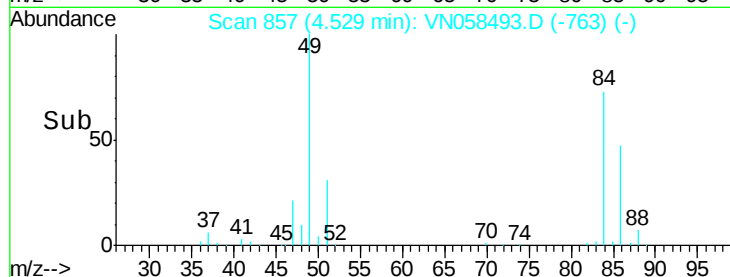
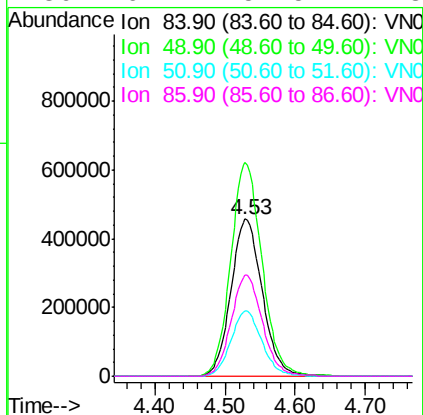
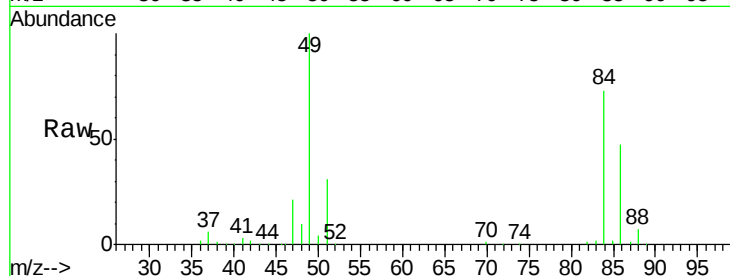




#20
Methvlene Chloride
Concen: 334.598 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058493.D
Acq: 2 Oct 2019 22:34

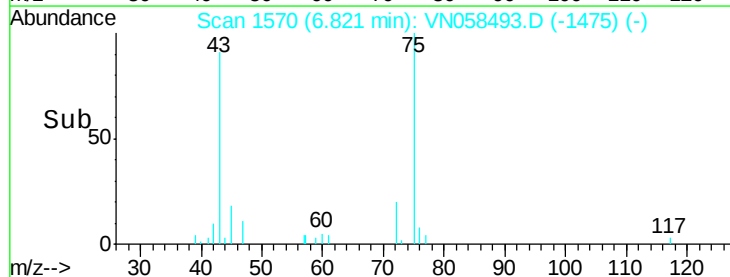
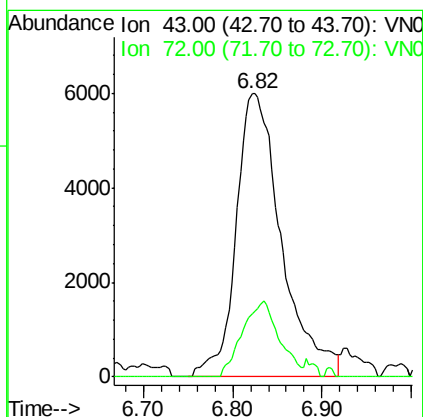
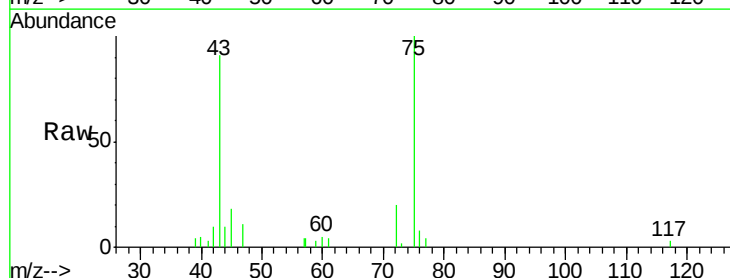
Instrument :
MSVOA_N
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20190828-COMPOSITE-D

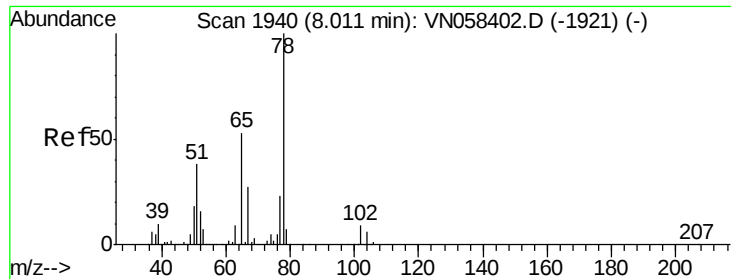
Tot Ion: 84 Resp: 1416765
Ion Ratio Lower Upper
84 100
49 136.1 107.9 161.9
51 41.8 32.8 49.2
86 64.4 51.5 77.3



#25
2-Butanone
Concen: 8.408 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN058493.D
Acq: 2 Oct 2019 22:34

Tgt Ion: 43 Resp: 21182
Ion Ratio Lower Upper
43 100
72 22.4 20.2 30.4





#33

1,2-Dichloroethane-d4

Concen: 50.962 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

Instrument :

MSVOA_N

ClientSampleId :

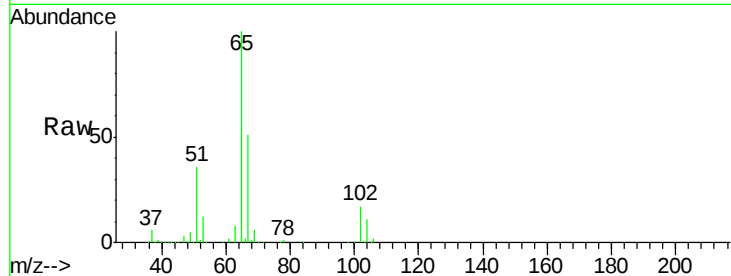
20190828-COMPOSITE-D

Tot Ion: 65 Resp: 274297

Ion Ratio Lower Upper

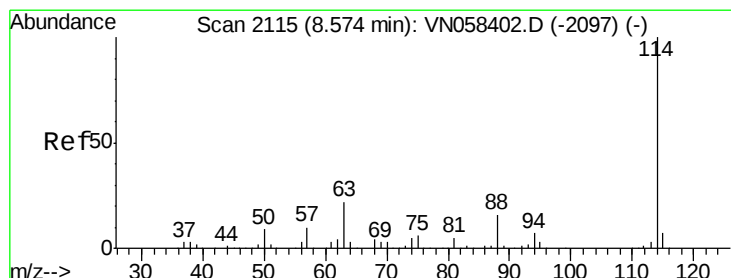
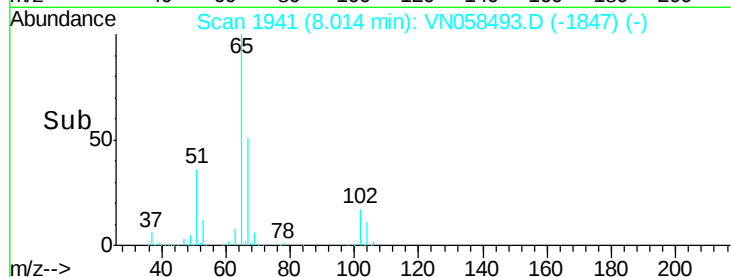
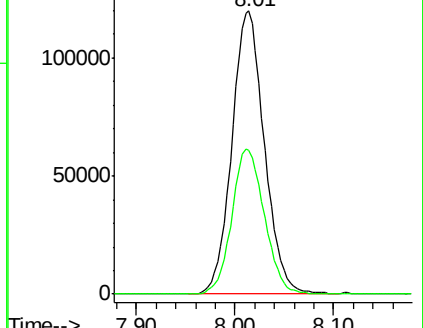
65 100

67 51.5 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN058402.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN058402.D (-1921) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

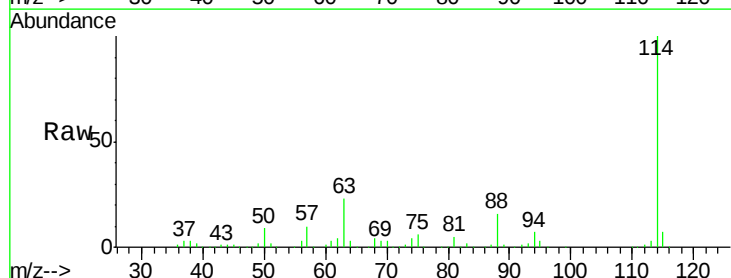
Tgt Ion: 114 Resp: 615252

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

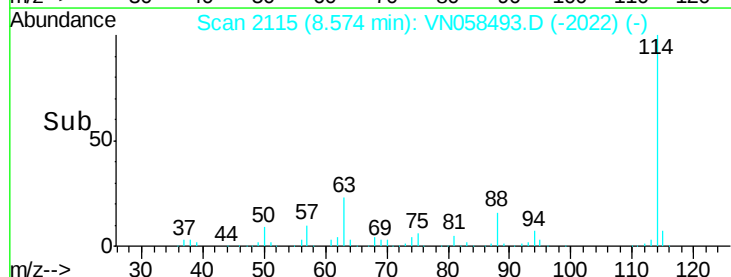
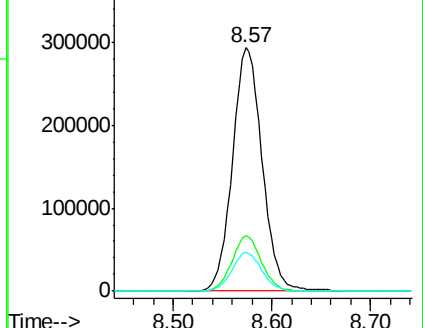
88 15.9 0.0 32.2

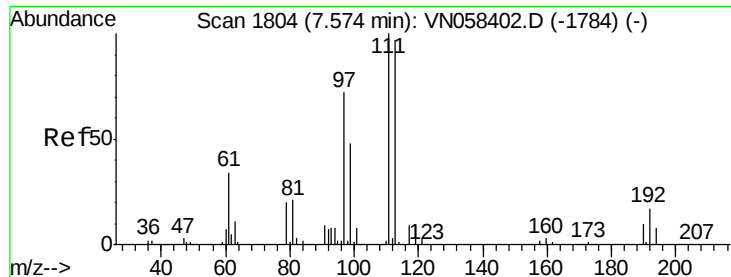


Abundance Ion 113.90 (113.60 to 114.60): VN058402.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN058402.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN058402.D (-2097) (-)

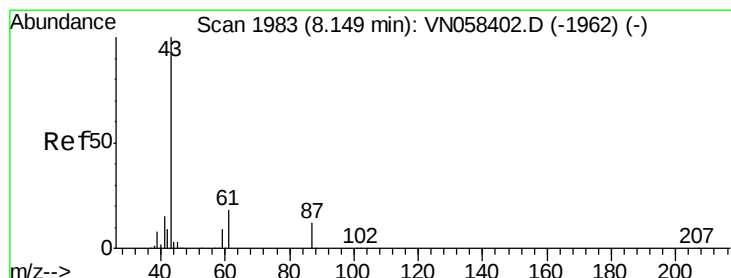
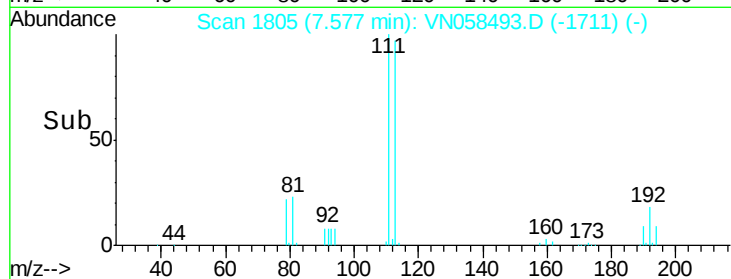
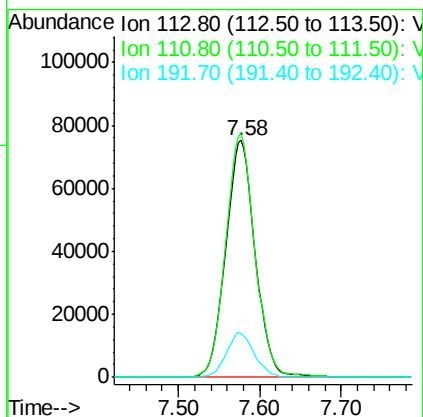
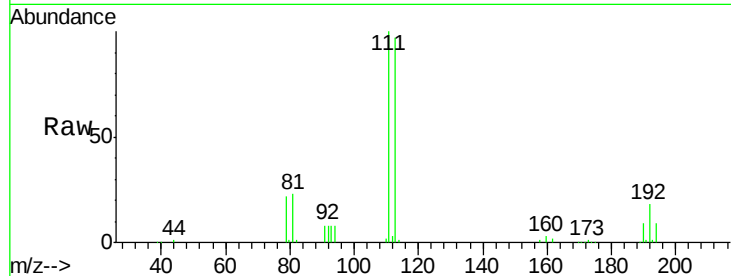




#35
 Dibromofluoromethane
 Concen: 50.444 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058493.D
 Acq: 2 Oct 2019 22:34

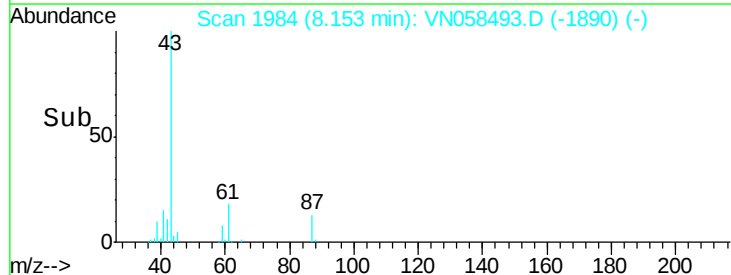
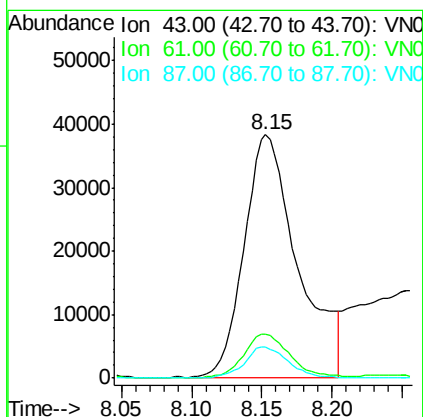
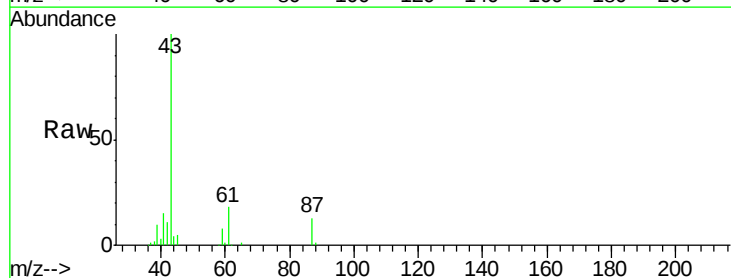
Instrument :
 MSVOA_N
 ClientSampleId :
 20190828-COMPOSITE-D

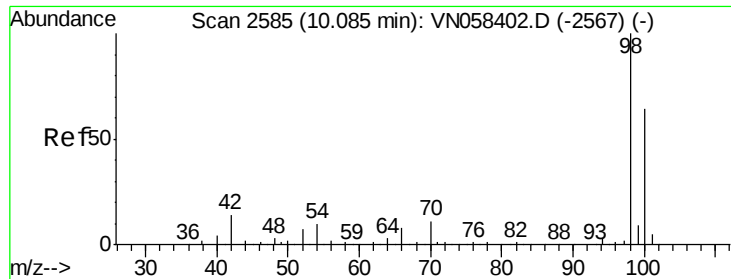
Tot Ion:113 Resp: 190214
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.4 125.2
 192 17.8 14.9 22.3



#43
 Isopropyl Acetate
 Concen: 10.905 ug/l
 RT: 8.15 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VN058493.D
 Acq: 2 Oct 2019 22:34

Tgt Ion: 43 Resp: 102281
 Ion Ratio Lower Upper
 43 100
 61 15.6 14.8 22.2
 87 10.3 9.7 14.5





#50

Toluene-d8

Concen: 51.997 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

Instrument :

MSVOA_N

ClientSampleId :

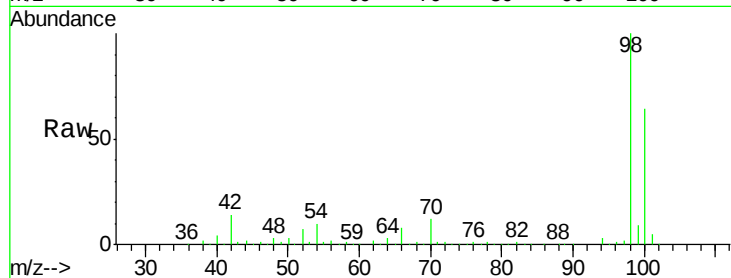
20190828-COMPOSITE-D

Tot Ion: 98 Resp: 768090

Ion Ratio Lower Upper

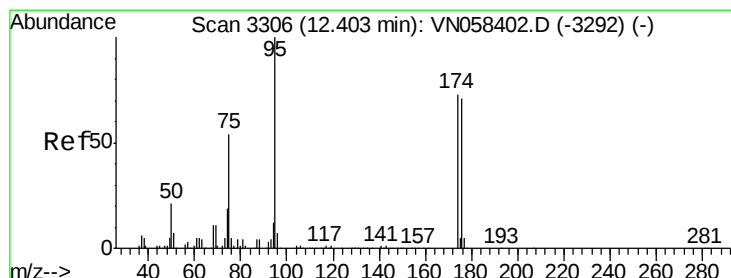
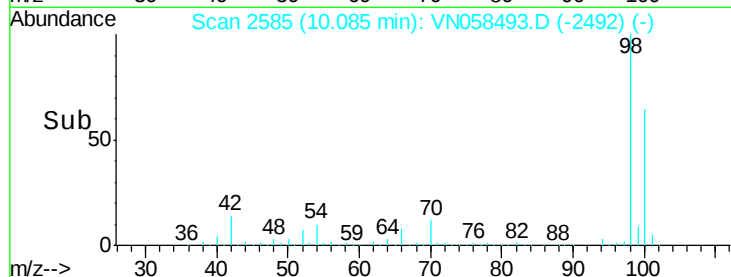
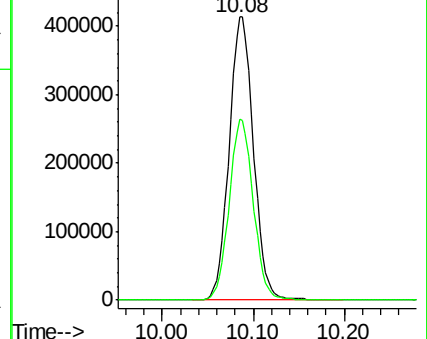
98 100

100 63.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 44.687 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058493.D

Acq: 2 Oct 2019 22:34

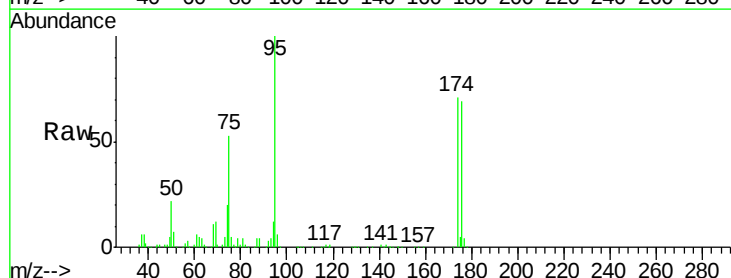
Tgt Ion: 95 Resp: 238683

Ion Ratio Lower Upper

95 100

174 73.8 0.0 150.6

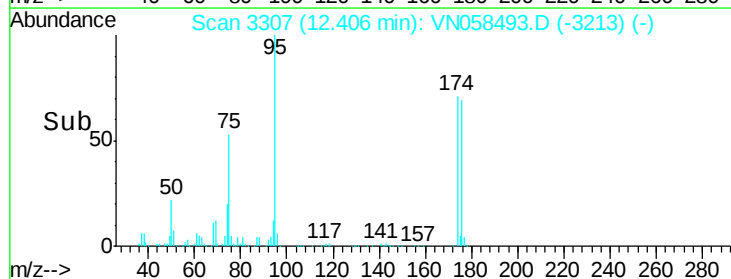
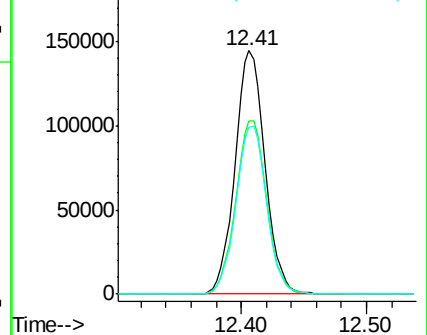
176 70.8 0.0 146.2

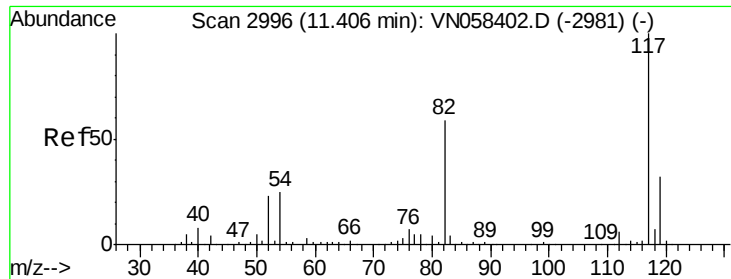


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN

Ion 175.80 (175.50 to 176.50): VN

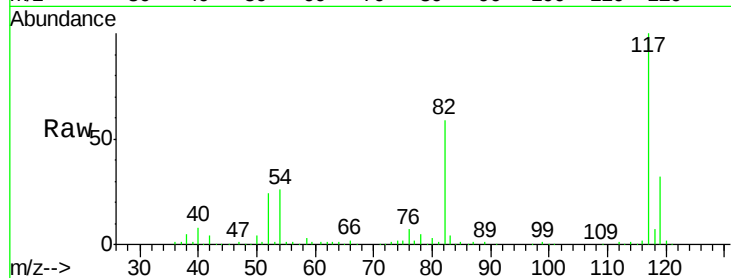




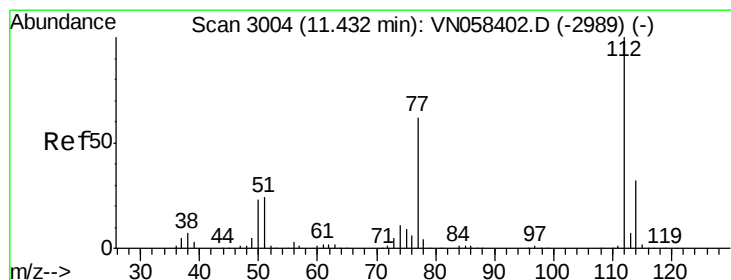
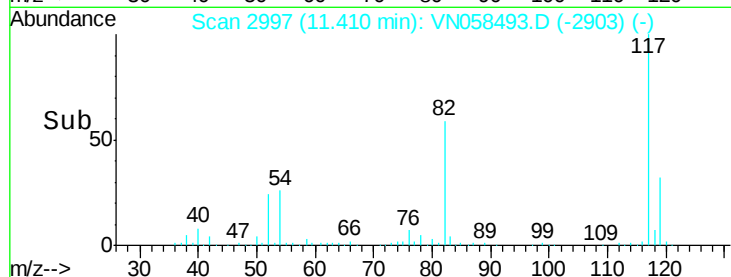
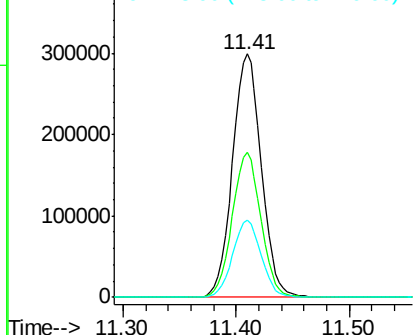
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058493.D
Acq: 2 Oct 2019 22:34

Instrument :
MSVOA_N
ClientSampleId :
20190828-COMPOSITE-D

Tot Ion:117 Resp: 529531
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.0
119 31.8 25.5 38.3

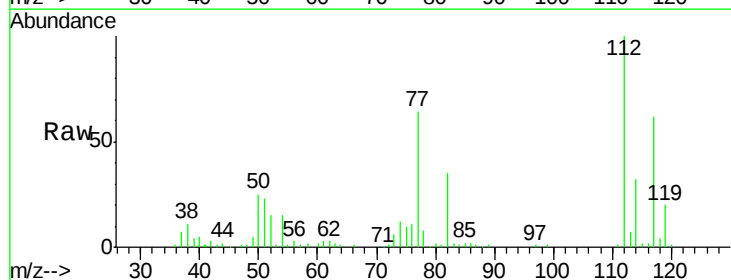


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

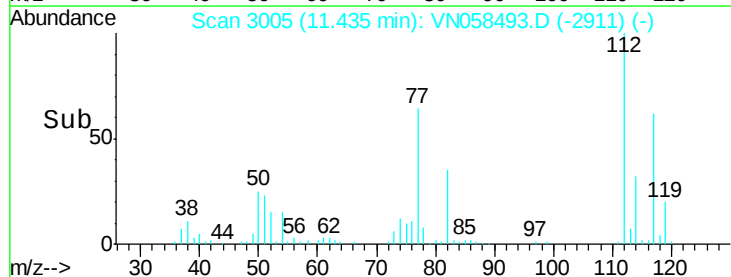
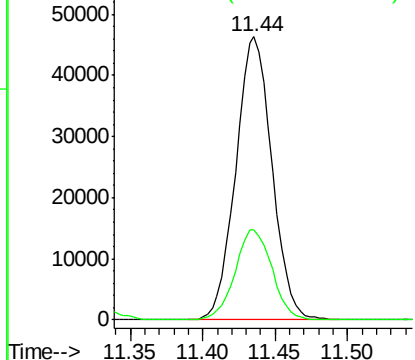


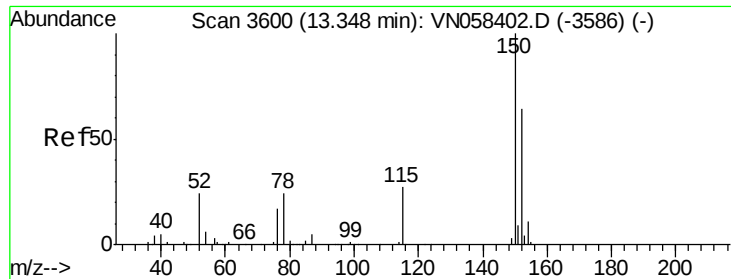
#65
Chlorobenzene
Concen: 7.627 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN058493.D
Acq: 2 Oct 2019 22:34

Tgt Ion:112 Resp: 80281
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): 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: VN058493.D

Acq: 2 Oct 2019 22:34

Instrument :

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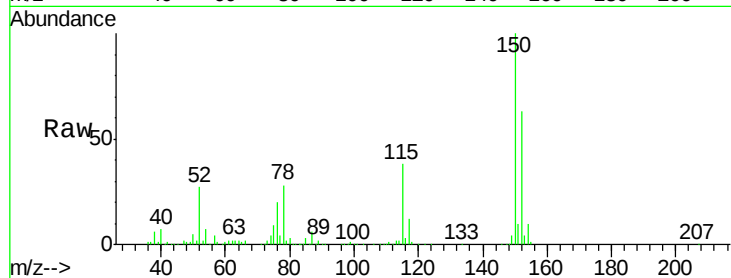
Tot Ion:152 Resp: 193665

Ion Ratio Lower Upper

152 100

115 60.9 30.0 90.0

150 158.3 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

