

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081819\
 Data File : VN057371.D
 Acq On : 16 Aug 2019 22:25
 Operator : JC/SP
 Sample : K4356-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Aug 17 04:21:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

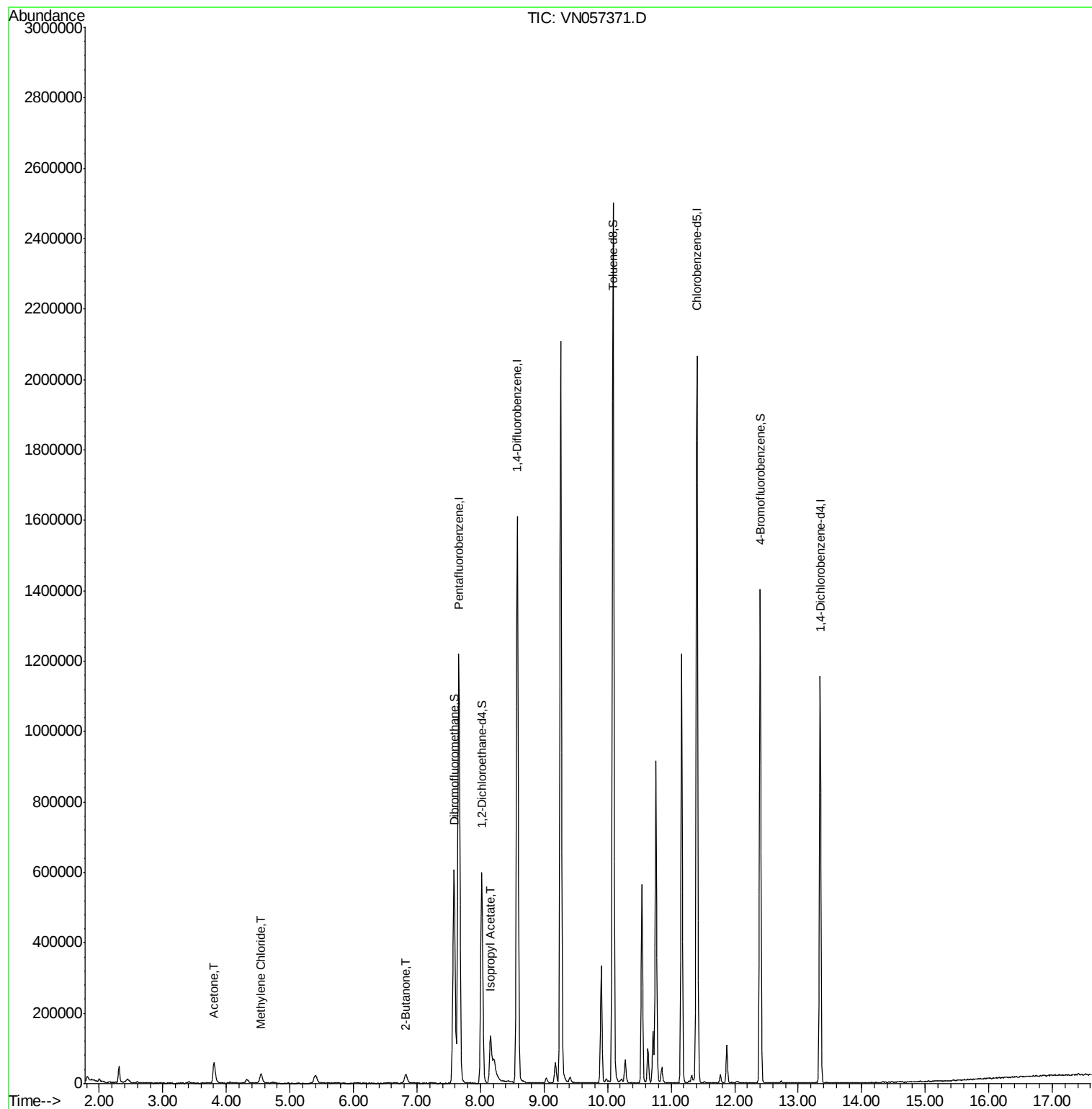
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1116403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1565961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1299072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	343623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	510419	42.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.12%	
35) Dibromofluoromethane	7.58	113	464395	45.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.48%	
50) Toluene-d8	10.09	98	1820148	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
62) 4-Bromofluorobenzene	12.40	95	481084	36.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.52%	
Target Compounds						
16) Acetone	3.81	43	96368	22.890	ug/l	99
20) Methylene Chloride	4.54	84	20671	1.755	ug/l	93
25) 2-Butanone	6.82	43	43222	7.089	ug/l	96
43) Isopropyl Acetate	8.16	43	165479	7.021	ug/l #	87

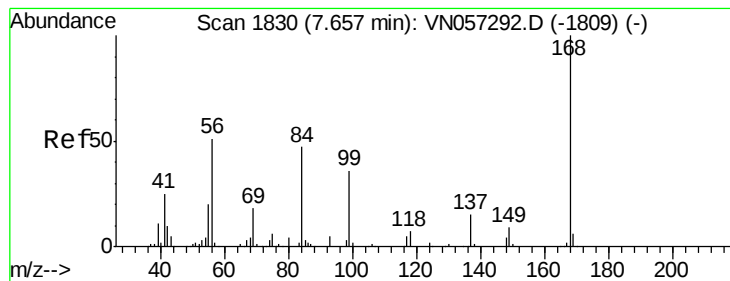
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081819\
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Instrument :
MSVOA_N
ClientSampleId :
TP-2

Quant Time: Aug 17 04:21:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN057371.D

Acq: 16 Aug 2019 22:25

Instrument :

MSVOA_N

ClientSampled :

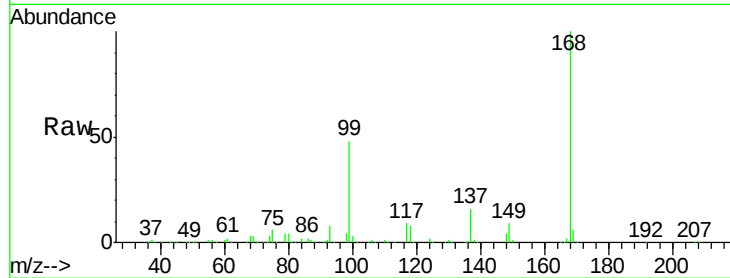
TP-2

Tot Ion:168 Resp: 1116403

Ion Ratio Lower Upper

168 100

99 48.4 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

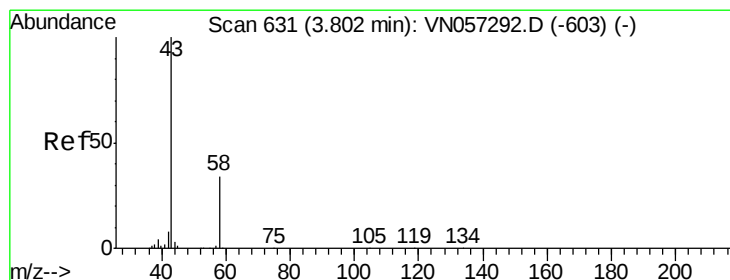
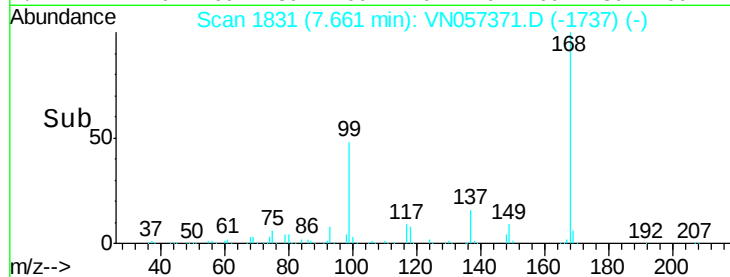
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 22.890 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN057371.D

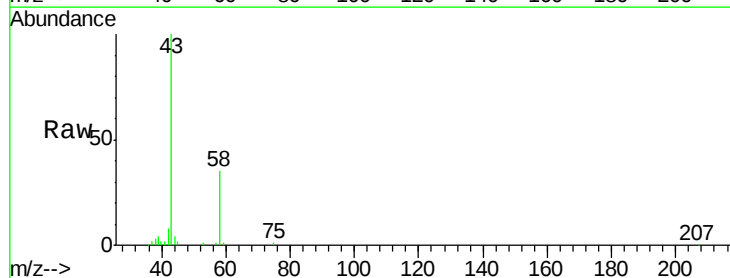
Acq: 16 Aug 2019 22:25

Tgt Ion: 43 Resp: 96368

Ion Ratio Lower Upper

43 100

58 34.6 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

40000

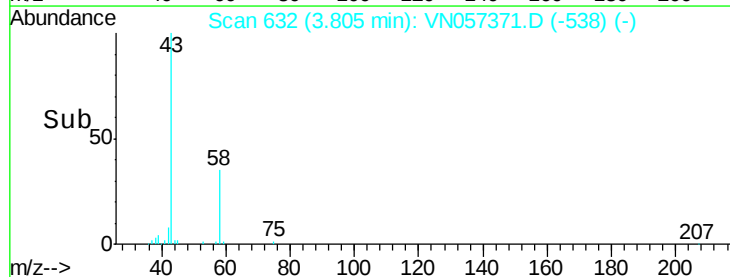
30000

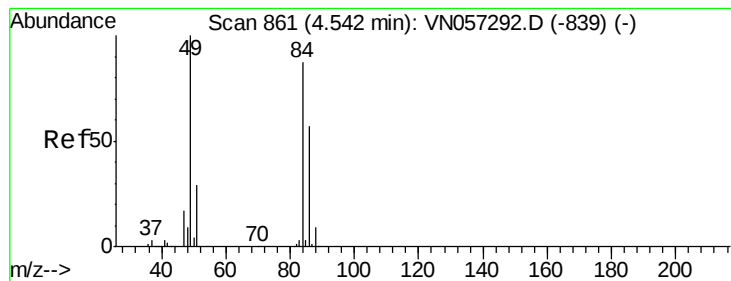
20000

10000

0

Time-->





#20

Methvlene Chloride

Concen: 1.755 ug/l

RT: 4.54 min Scan# 861

Delta R.T. 0.00 min

Lab File: VN057371.D

Acq: 16 Aug 2019 22:25

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion: 84 Resp: 20671

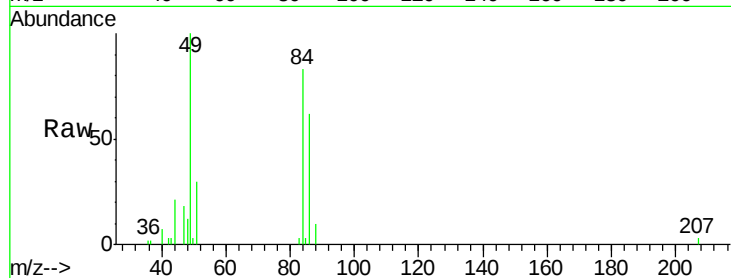
Ion	Ratio	Lower	Upper
84	100		
49	120.7	92.0	138.0
51	35.9	27.1	40.7
86	75.0	52.2	78.2

84 100

49 120.7 92.0 138.0

51 35.9 27.1 40.7

86 75.0 52.2 78.2



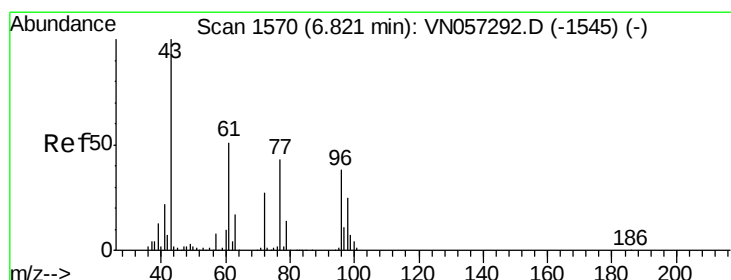
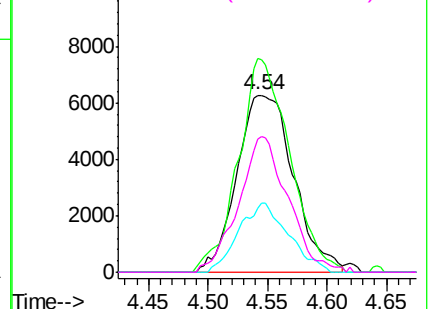
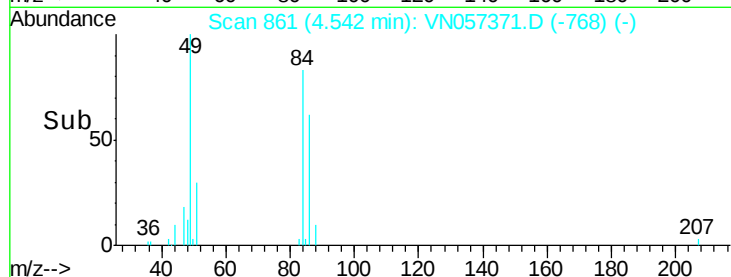
Abundance

Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#25

2-Butanone

Concen: 7.089 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN057371.D

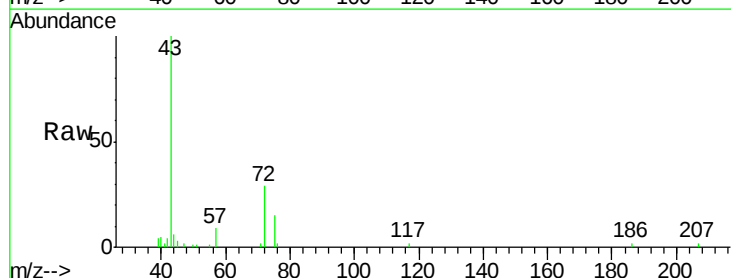
Acq: 16 Aug 2019 22:25

Tgt Ion: 43 Resp: 43222

Ion	Ratio	Lower	Upper
43	100		
72	28.9	21.5	32.3

43 100

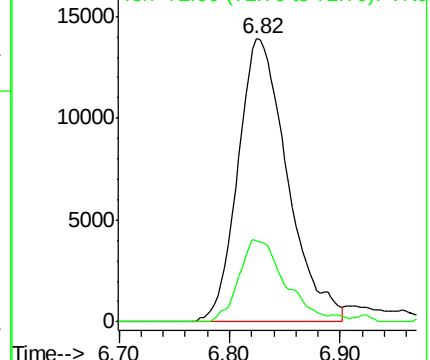
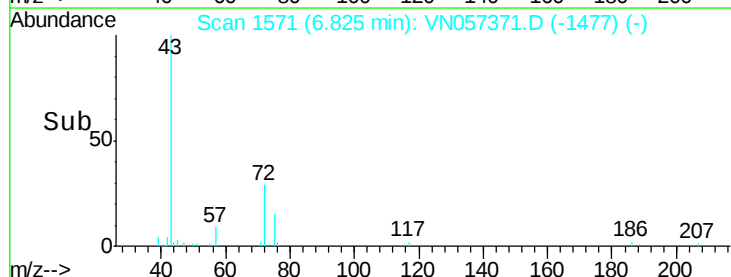
72 28.9 21.5 32.3

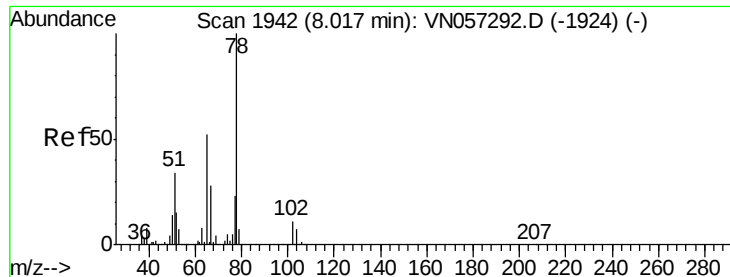


Abundance

Ion 43.00 (42.70 to 43.70): VNC

Ion 72.00 (71.70 to 72.70): VNC





#33

1,2-Dichloroethane-d4

Concen: 42.056 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057371.D

Acq: 16 Aug 2019 22:25

Instrument :

MSVOA_N

ClientSampleId :

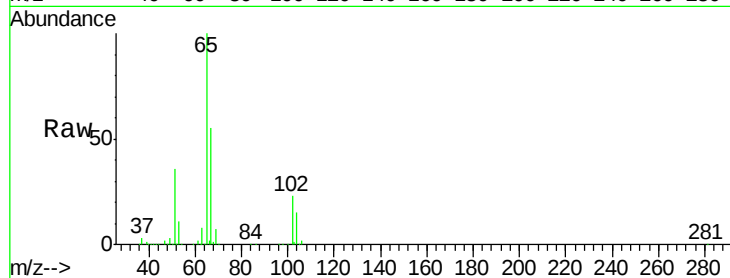
TP-2

Tot Ion: 65 Resp: 510419

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN057371.D (-1849) (-)

Ion 66.90 (66.60 to 67.60): VN057371.D (-1849) (-)

8.02

250000

200000

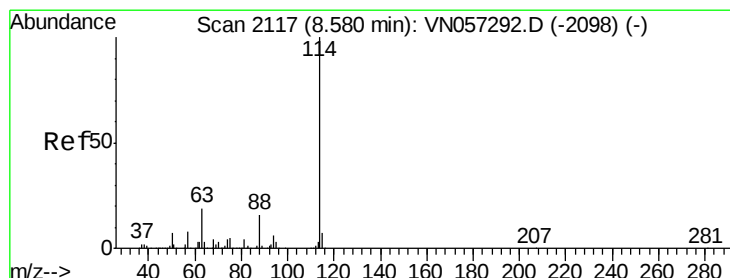
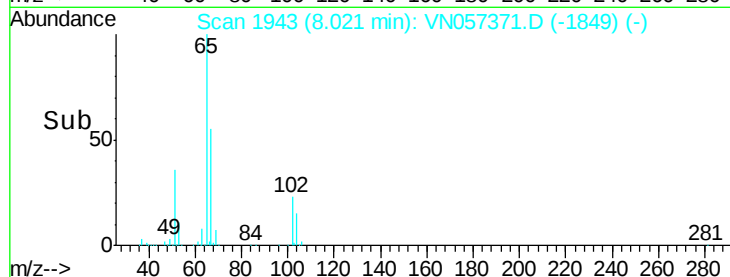
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057371.D

Acq: 16 Aug 2019 22:25

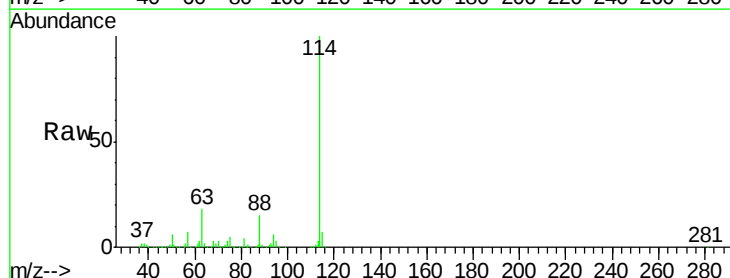
Tgt Ion: 114 Resp: 1565961

Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.8

88 14.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057371.D (-2024) (-)

Ion 63.00 (62.70 to 63.70): VN057371.D (-2024) (-)

Ion 87.90 (87.60 to 88.60): VN057371.D (-2024) (-)

8.58

1000000

800000

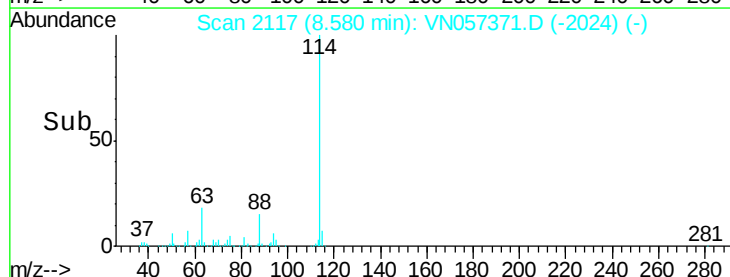
600000

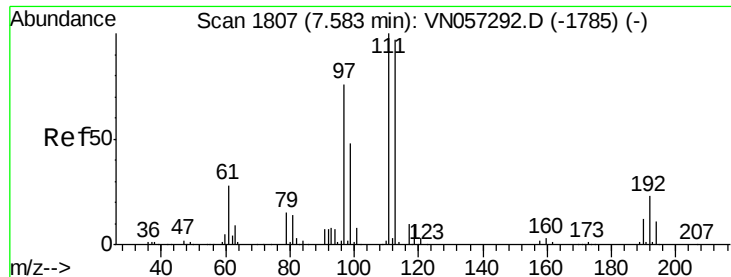
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 45.240 ug/l

RT: 7.58 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN057371.D

Acq: 16 Aug 2019 22:25

Instrument :
MSVOA_N
ClientSampled :
TP-2

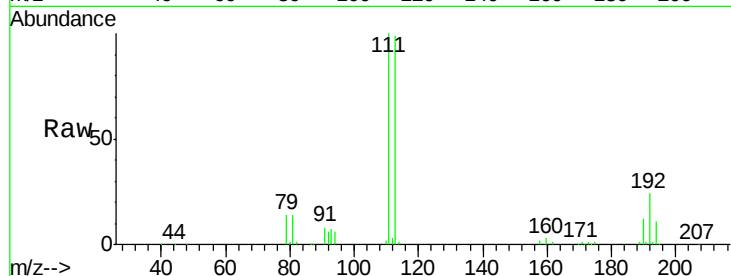
Tot Ion:113 Resp: 464395

Ion Ratio Lower Upper

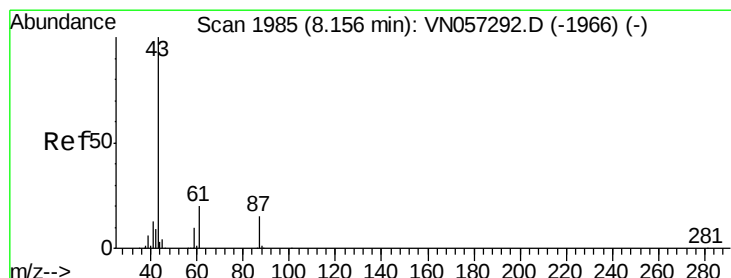
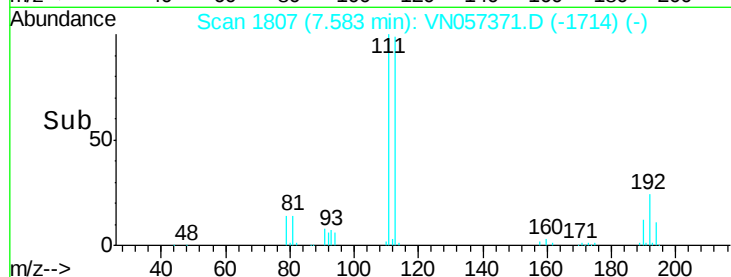
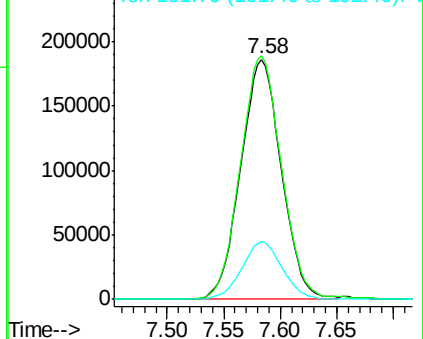
113 100

111 103.1 82.1 123.1

192 24.0 19.3 28.9



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: 7.021 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057371.D

Acq: 16 Aug 2019 22:25

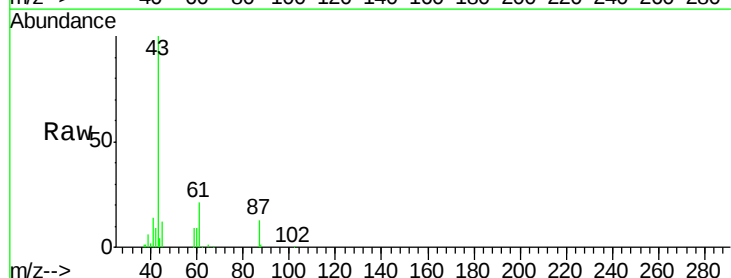
Tgt Ion: 43 Resp: 165479

Ion Ratio Lower Upper

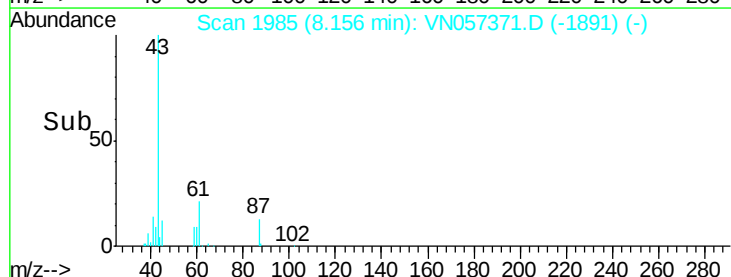
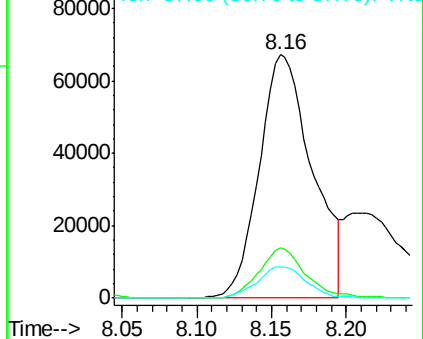
43 100

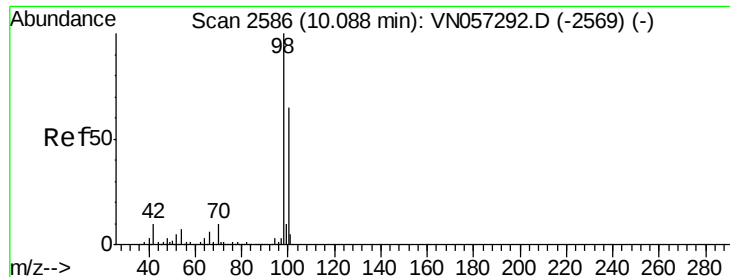
61 18.4 21.6 32.4#

87 11.7 11.4 17.0



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: 48.479 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057371.D

Acq: 16 Aug 2019 22:25

Instrument :

MSVOA_N

ClientSampled :

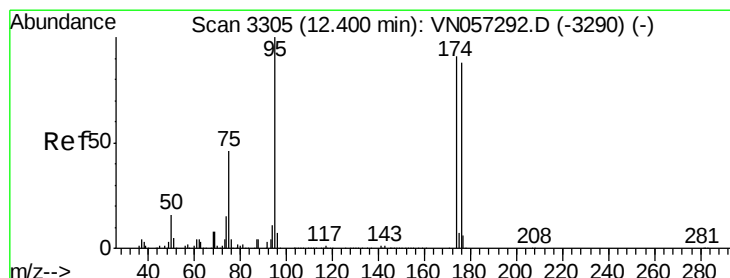
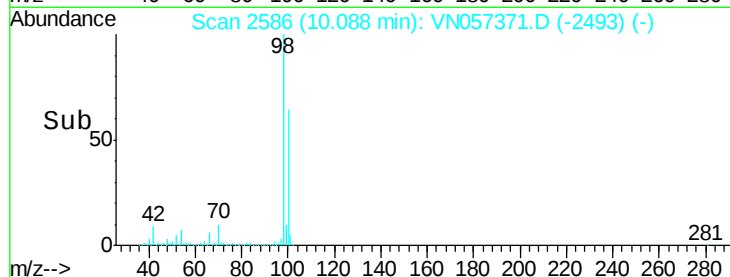
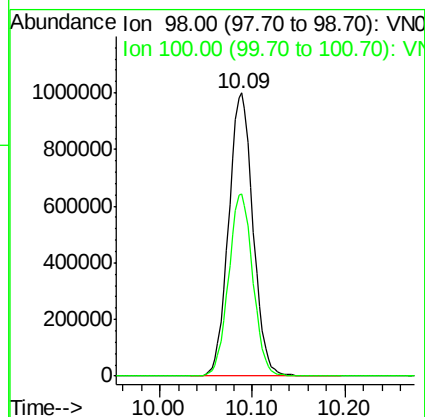
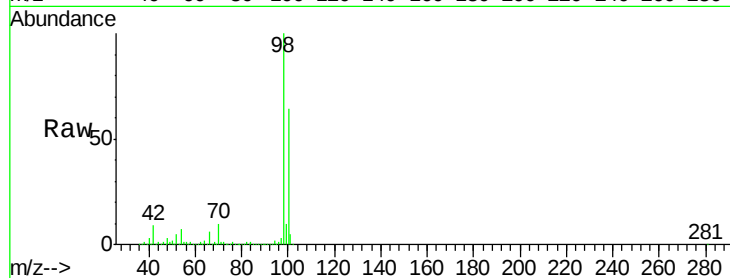
TP-2

Tot Ion: 98 Resp: 1820148

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 36.258 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057371.D

Acq: 16 Aug 2019 22:25

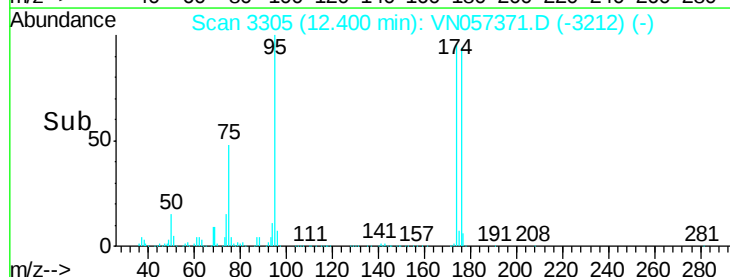
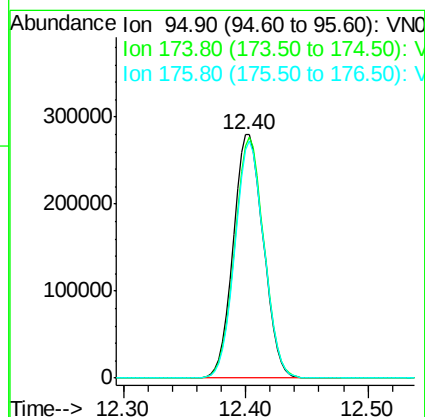
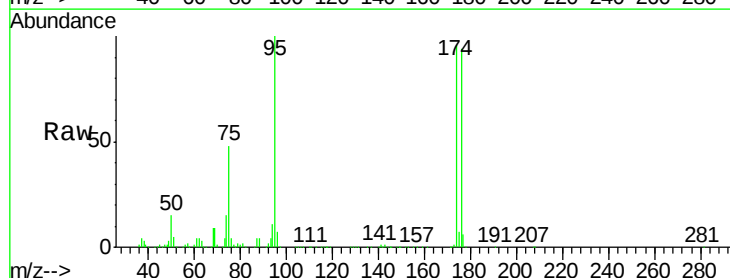
Tgt Ion: 95 Resp: 481084

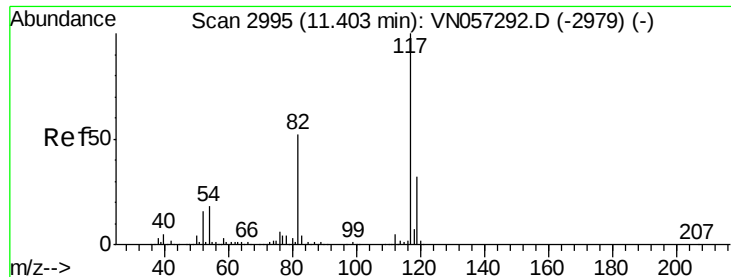
Ion Ratio Lower Upper

95 100

174 96.4 0.0 185.0

176 93.9 0.0 181.0

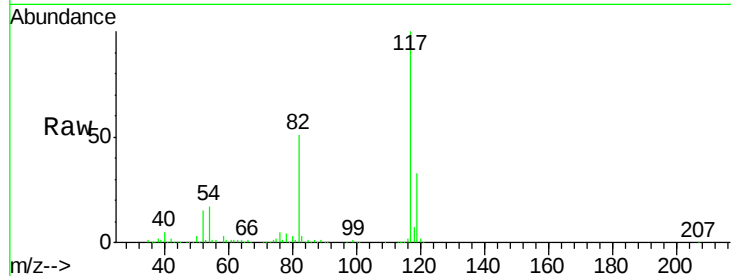




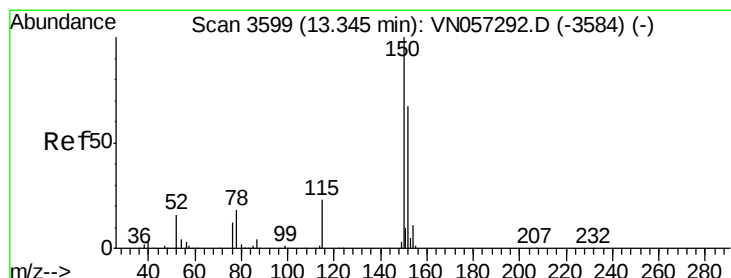
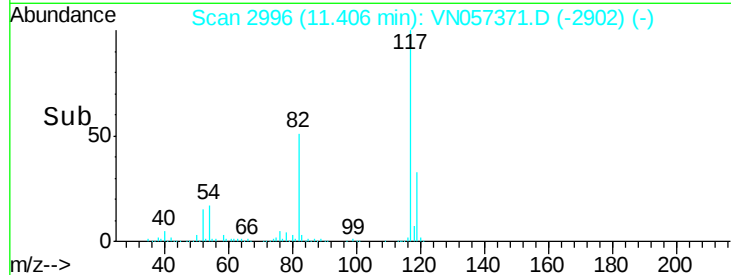
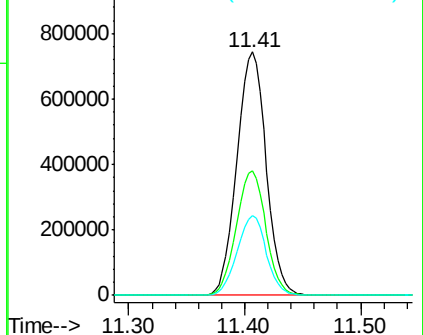
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057371.D
Acq: 16 Aug 2019 22:25

Instrument :
MSVOA_N
ClientSampled :
TP-2

Tot Ion:117 Resp: 1299072
Ion Ratio Lower Upper
117 100
82 50.9 41.2 61.8
119 32.9 25.8 38.8

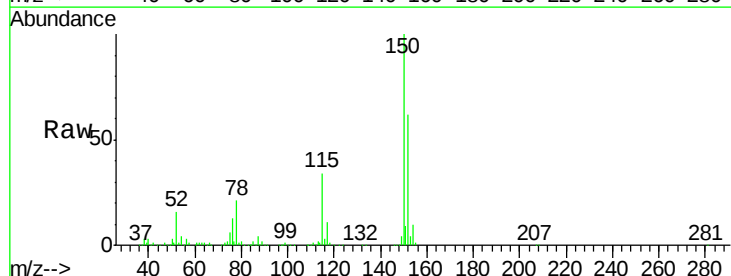


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057371.D
Acq: 16 Aug 2019 22:25

Tgt Ion:152 Resp: 343623
Ion Ratio Lower Upper
152 100
115 54.6 27.3 81.9
150 157.6 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

