

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050919\
 Data File : VN055502.D
 Acq On : 9 May 2019 17:19
 Operator : JC/SP
 Sample : K2751-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-1

Quant Time: May 10 04:44:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 04:17:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	926863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1562884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1301040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	446117	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	622293	44.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.18%	
35) Dibromofluoromethane	7.59	113	466162	46.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.48%	
50) Toluene-d8	10.09	98	1892656	48.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.34%	
62) 4-Bromofluorobenzene	12.40	95	580249	43.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.60%	

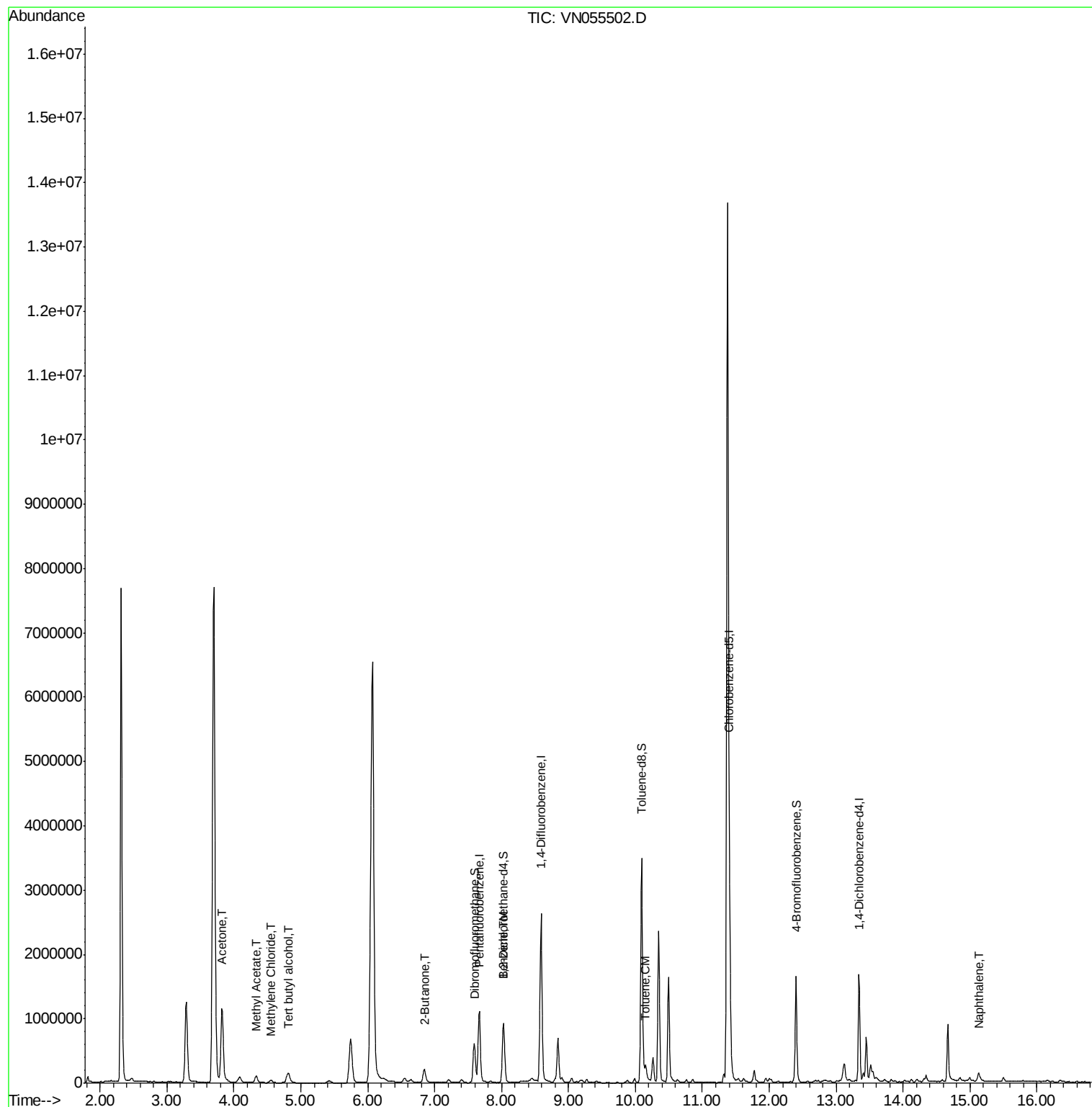
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.81	59	271662	131.840	ug/l	100
16) Acetone	3.82	43	1886154	291.893	ug/l	96
18) Methyl Acetate	4.33	43	200468	13.987	ug/l	99
20) Methylene Chloride	4.55	84	27614	2.090	ug/l	98
25) 2-Butanone	6.85	43	375373	42.053	ug/l	99
40) Benzene	8.04	78	111519	2.334	ug/l	95
52) Toluene	10.16	92	85894	3.144	ug/l	100
95) Naphthalene	15.13	128	96397	7.815	ug/l	99

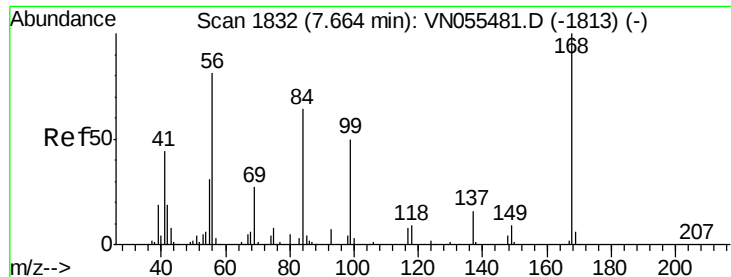
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050919\
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Acq On : 9 May 2019 17:19
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Instrument :
MSVOA_N
ClientSampleId :
COMP-1

Quant Time: May 10 04:44:41 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 04:17:44 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055502.D

Acq: 9 May 2019 17:19

Instrument :

MSVOA_N

ClientSampled :

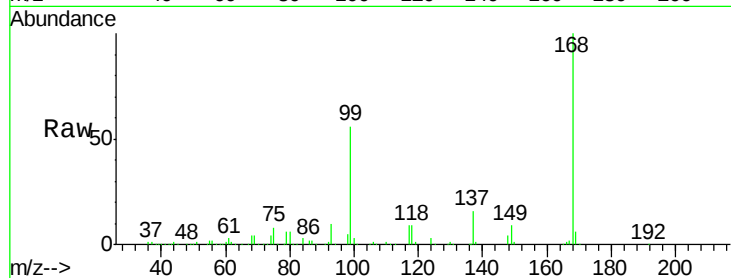
COMP-1

Tot Ion:168 Resp: 926863

Ion Ratio Lower Upper

168 100

99 56.4 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

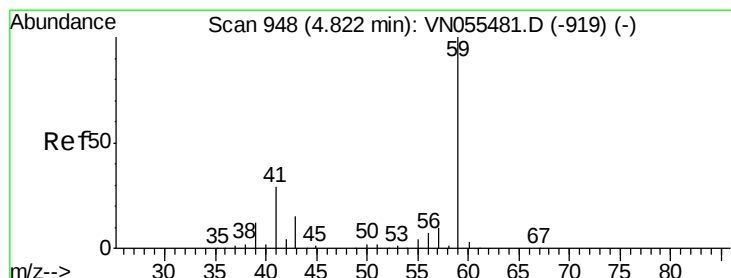
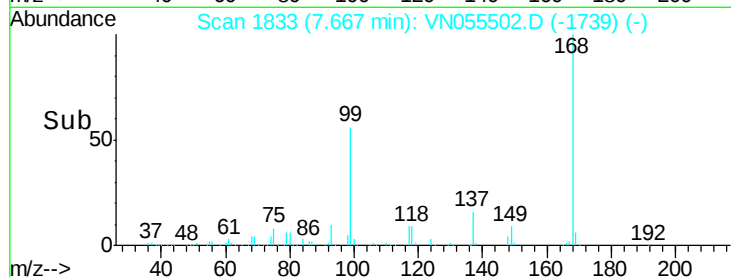
300000

200000

100000

0

Time-->



#11

Tert butyl alcohol

Concen: 131.840 ug/l

RT: 4.81 min Scan# 945

Delta R.T. -0.01 min

Lab File: VN055502.D

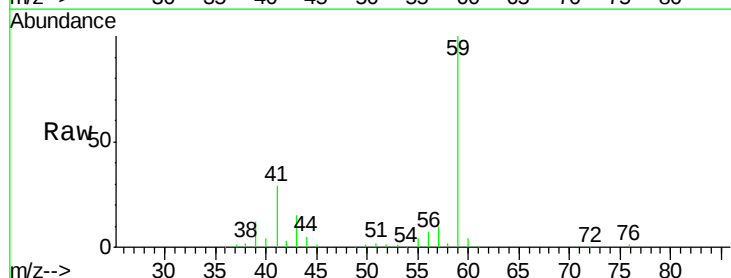
Acq: 9 May 2019 17:19

Tgt Ion: 59 Resp: 271662

Ion Ratio Lower Upper

59 100

57 10.1 8.0 12.0



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

4.81

80000

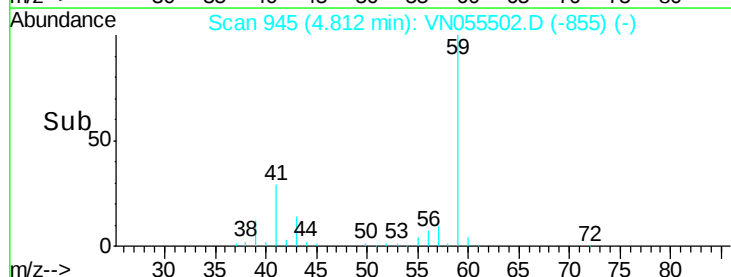
60000

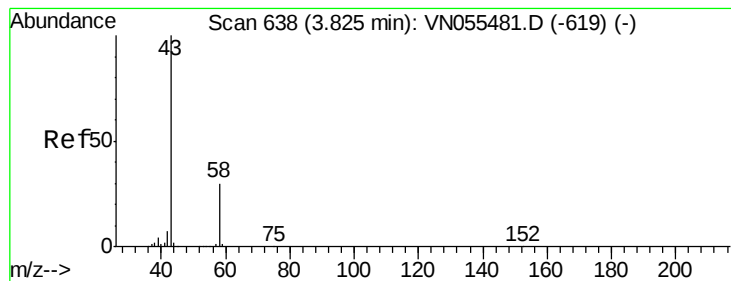
40000

20000

0

Time-->





#16

Acetone

Concen: 291.893 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN055502.D

Acq: 9 May 2019 17:19

Instrument :

MSVOA_N

ClientSampled :

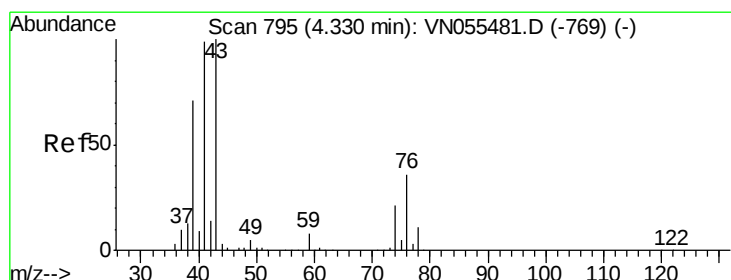
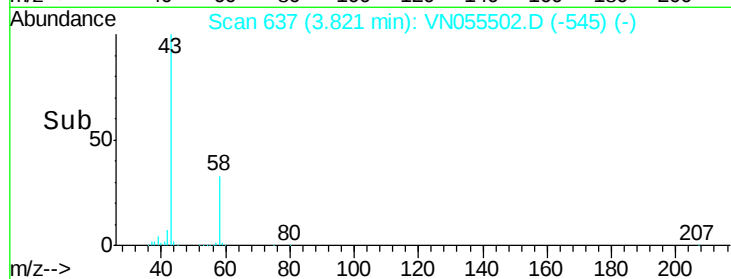
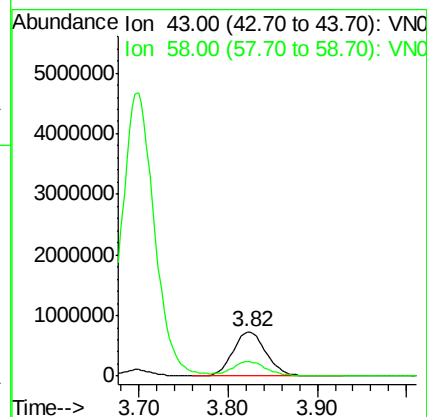
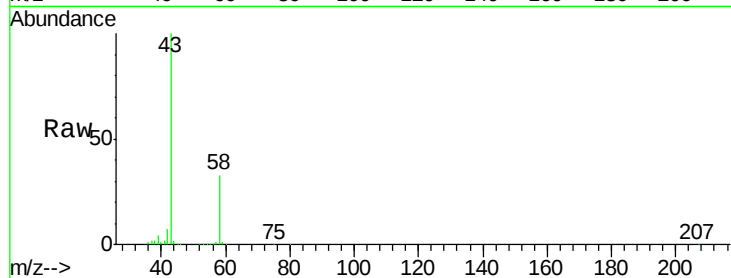
COMP-1

Tot Ion: 43 Resp: 1886154

Ion Ratio Lower Upper

43 100

58 32.2 24.2 36.2



#18

Methyl Acetate

Concen: 13.987 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.00 min

Lab File: VN055502.D

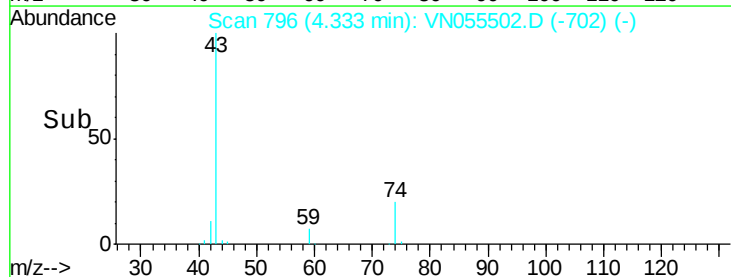
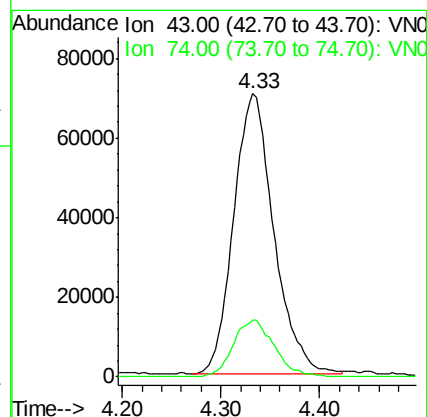
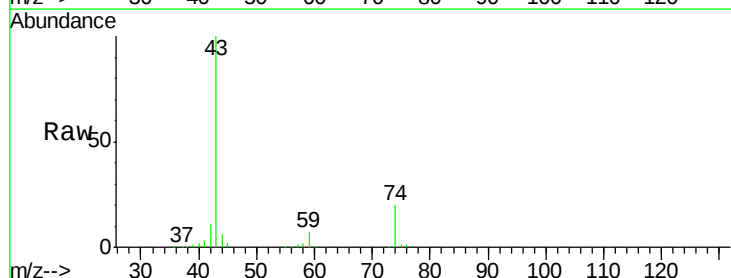
Acq: 9 May 2019 17:19

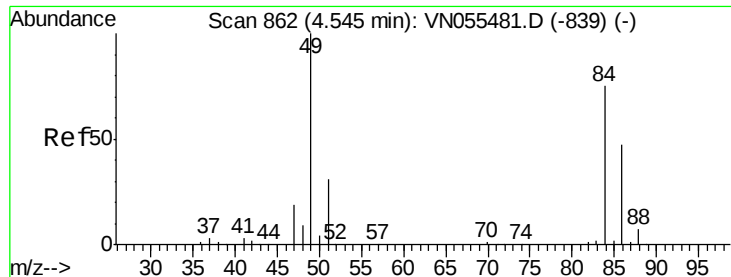
Tgt Ion: 43 Resp: 200468

Ion Ratio Lower Upper

43 100

74 20.7 16.3 24.5

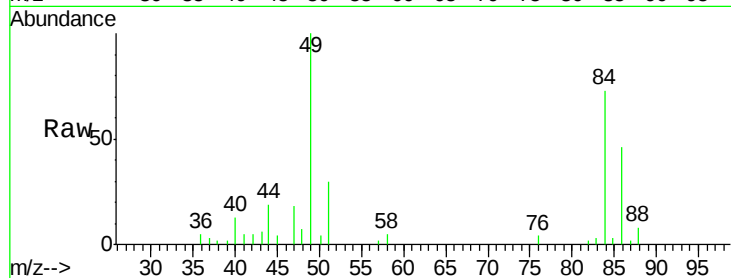




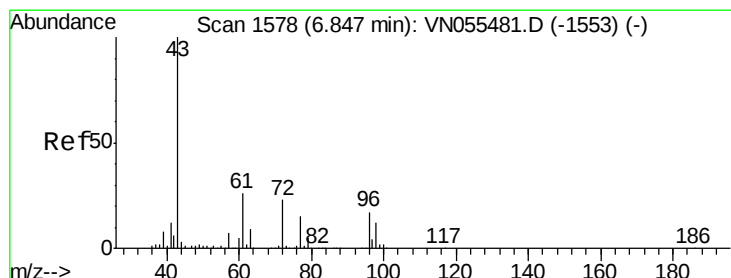
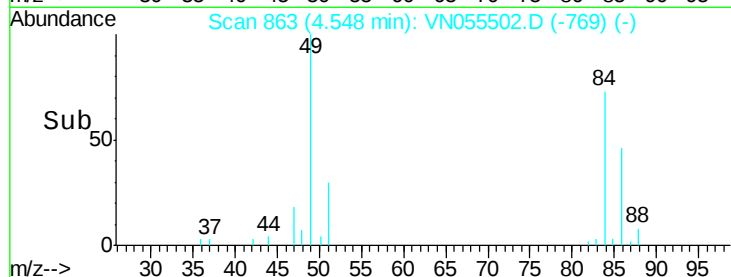
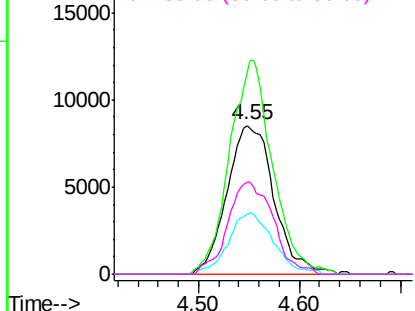
#20
Methvlene Chloride
Concen: 2.090 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN055502.D
Acq: 9 May 2019 17:19

Instrument :
MSVOA_N
ClientSampled :
COMP-1

Tot Ion: 84 Resp: 27614
Ion Ratio Lower Upper
84 100
49 136.5 107.0 160.6
51 40.3 33.0 49.4
86 62.3 50.6 76.0

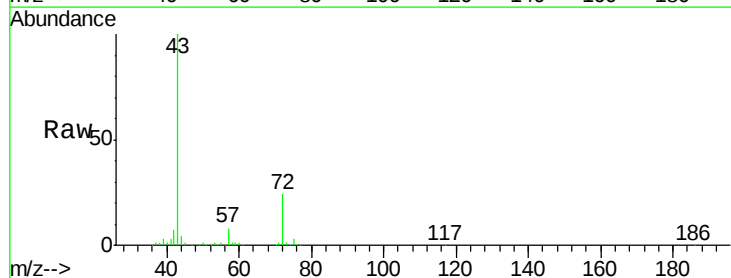


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

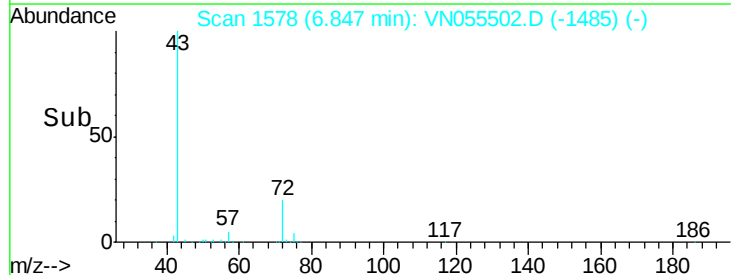
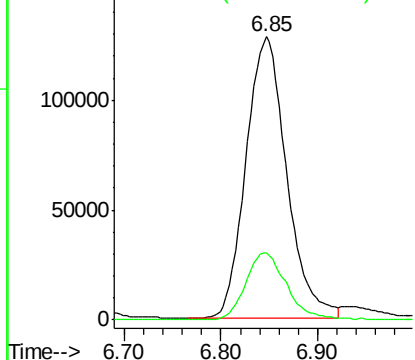


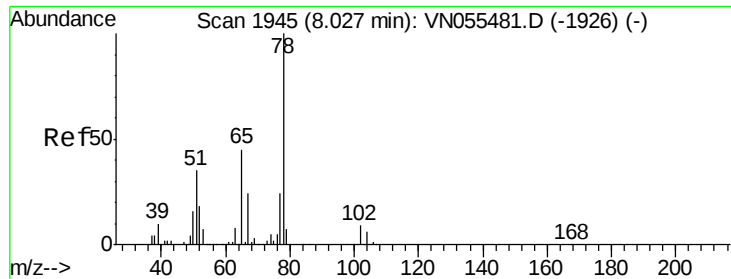
#25
2-Butanone
Concen: 42.053 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VN055502.D
Acq: 9 May 2019 17:19

Tgt Ion: 43 Resp: 375373
Ion Ratio Lower Upper
43 100
72 23.9 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 44.591 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055502.D

Acq: 9 May 2019 17:19

Instrument :

MSVOA_N

ClientSampled :

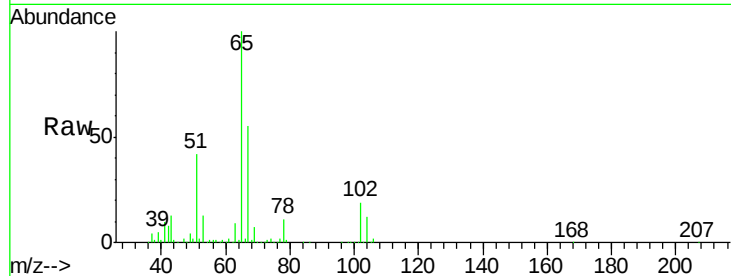
COMP-1

Tot Ion: 65 Resp: 622293

Ion Ratio Lower Upper

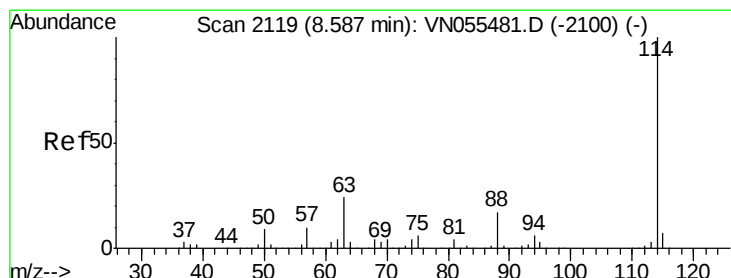
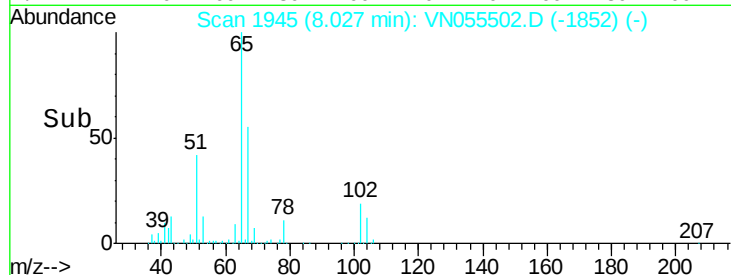
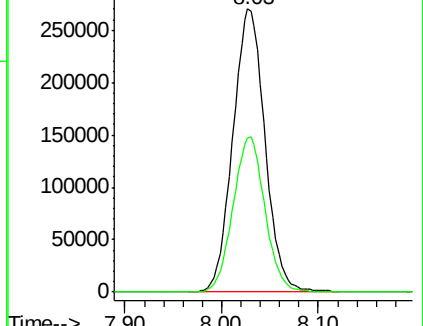
65 100

67 54.5 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VN055502.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055502.D (-1852) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055502.D

Acq: 9 May 2019 17:19

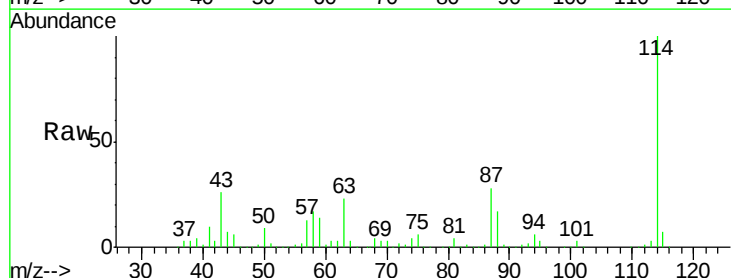
Tgt Ion: 114 Resp: 1562884

Ion Ratio Lower Upper

114 100

63 23.0 0.0 47.4

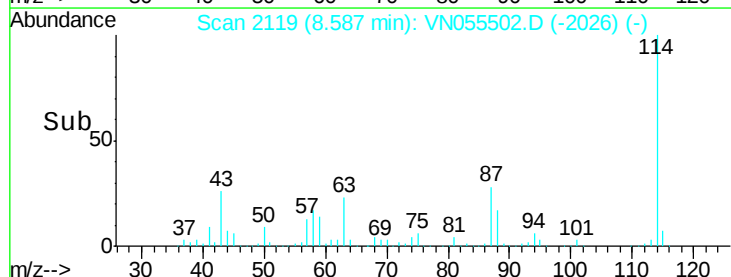
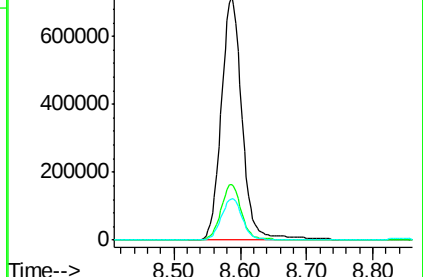
88 17.2 0.0 34.0

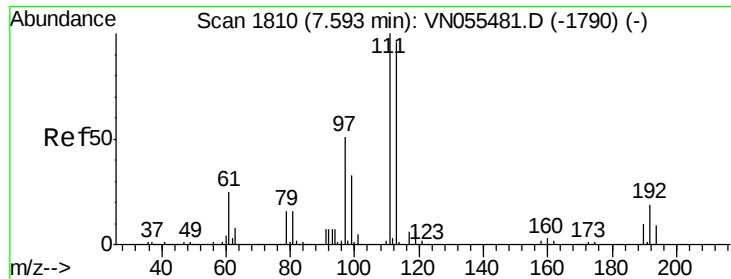


Abundance Ion 113.90 (113.60 to 114.60): VN055502.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN055502.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN055502.D (-2026) (-)

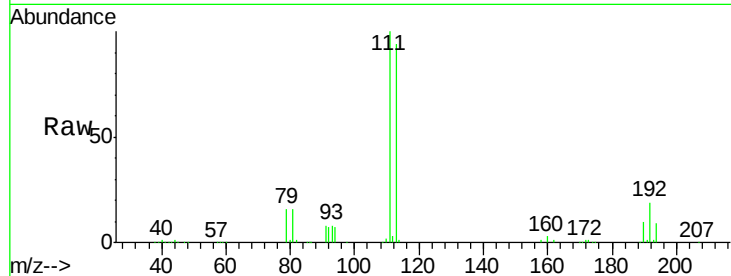




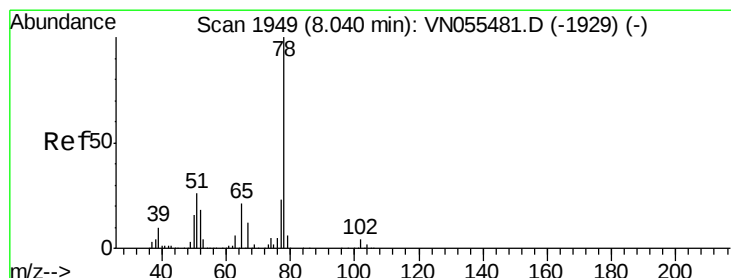
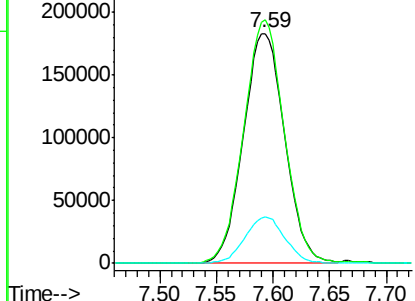
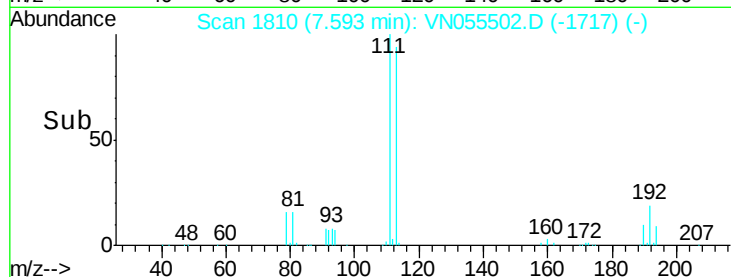
#35
 Dibromofluoromethane
 Concen: 46.238 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055502.D
 Acq: 9 May 2019 17:19

Instrument :
 MSVOA_N
 ClientSampled :
 COMP-1

Tot Ion:113 Resp: 466162
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.9 124.3
 192 19.6 15.6 23.4

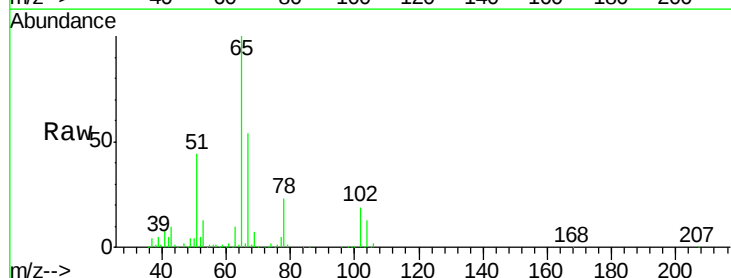


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

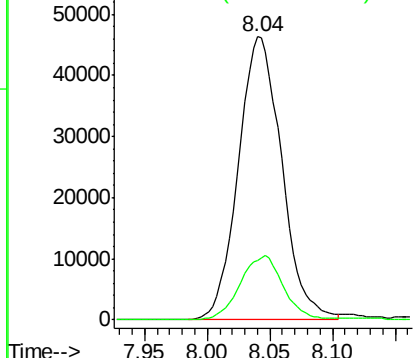
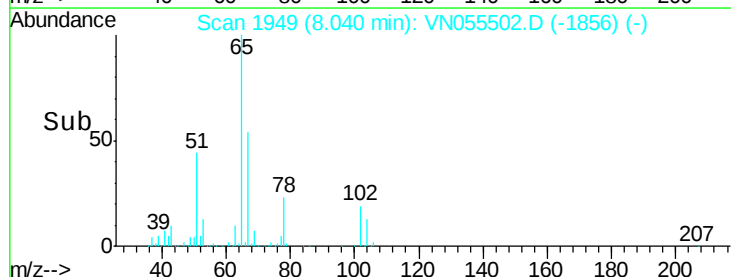


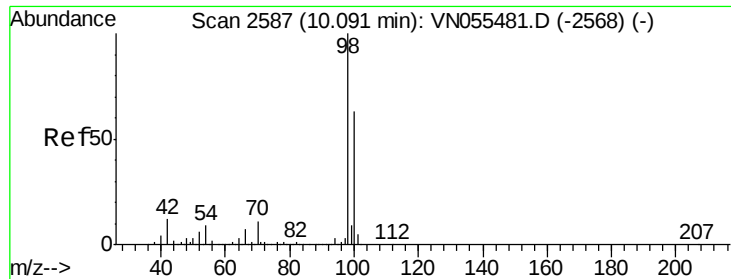
#40
 Benzene
 Concen: 2.334 ug/l
 RT: 8.04 min Scan# 1949
 Delta R.T. -0.00 min
 Lab File: VN055502.D
 Acq: 9 May 2019 17:19

Tgt Ion: 78 Resp: 111519
 Ion Ratio Lower Upper
 78 100
 77 20.9 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): V
 Ion 77.00 (76.70 to 77.70): V





#50

Toluene-d8

Concen: 48.174 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055502.D

Acq: 9 May 2019 17:19

Instrument :

MSVOA_N

ClientSampled :

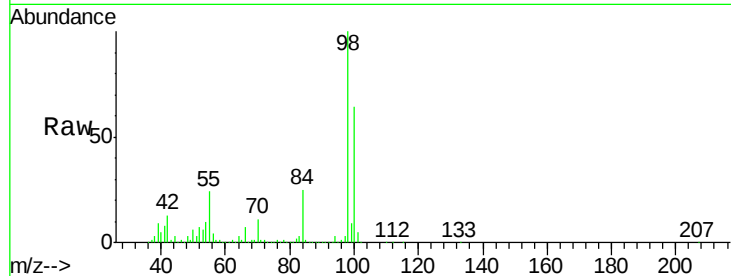
COMP-1

Tot Ion: 98 Resp: 1892656

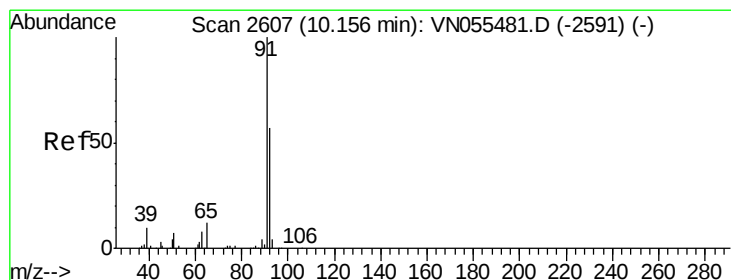
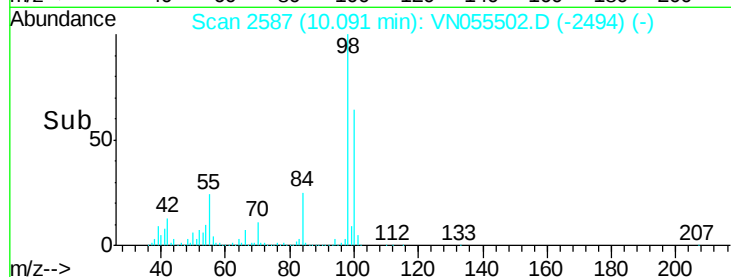
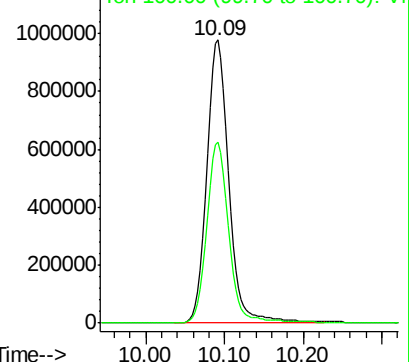
Ion Ratio Lower Upper

98 100

100 63.4 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN055481.D (-2568) (-)



#52

Toluene

Concen: 3.144 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055502.D

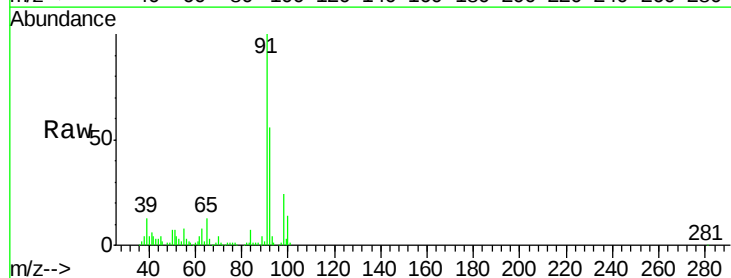
Acq: 9 May 2019 17:19

Tgt Ion: 92 Resp: 85894

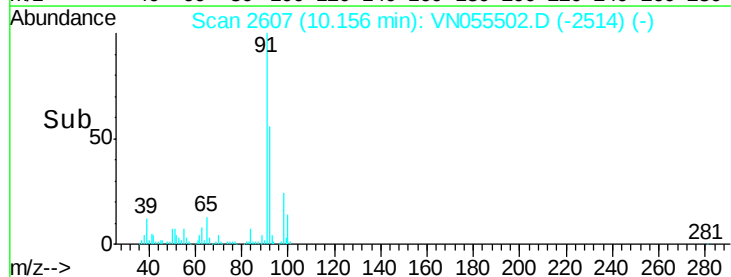
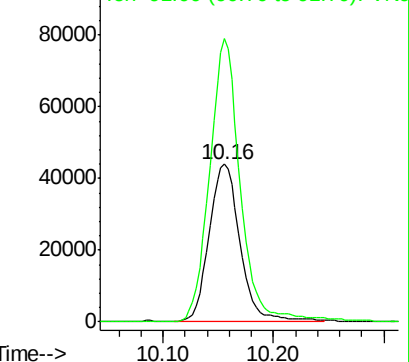
Ion Ratio Lower Upper

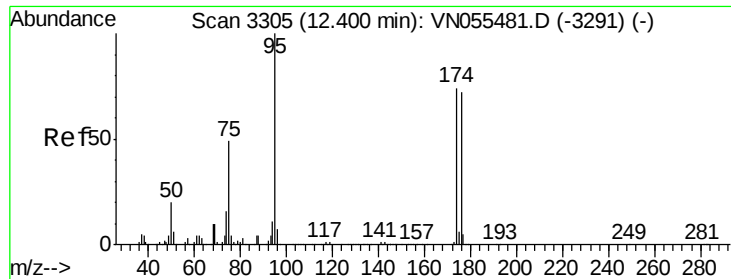
92 100

91 176.0 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VN055481.D (-2591) (-)

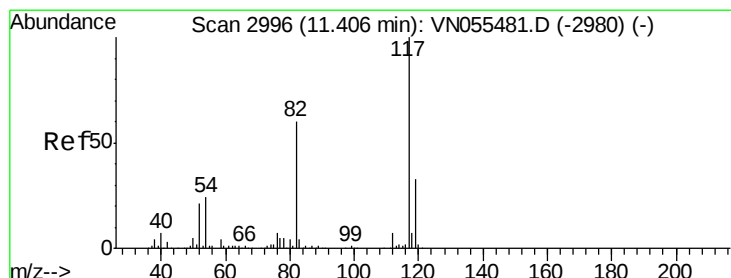
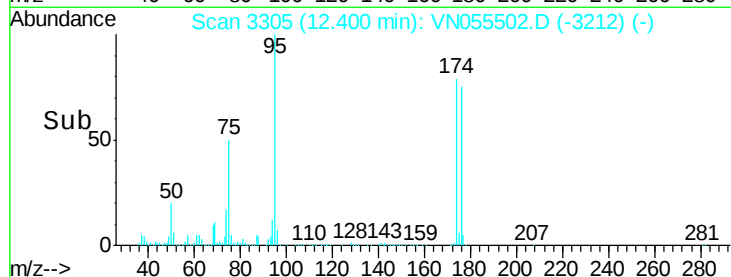
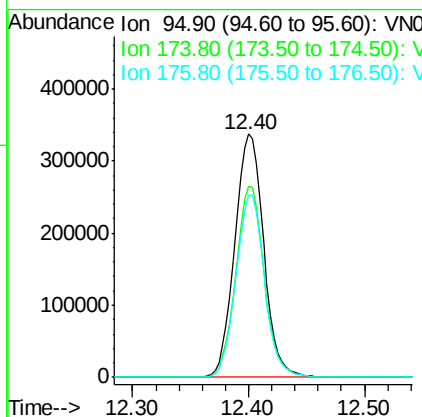
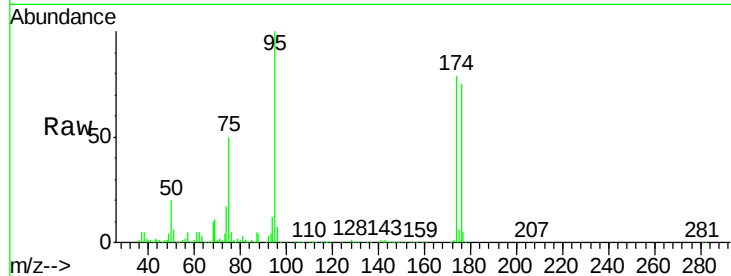




#62
4-Bromofluorobenzene
Concen: 43.801 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN055502.D
Acq: 9 May 2019 17:19

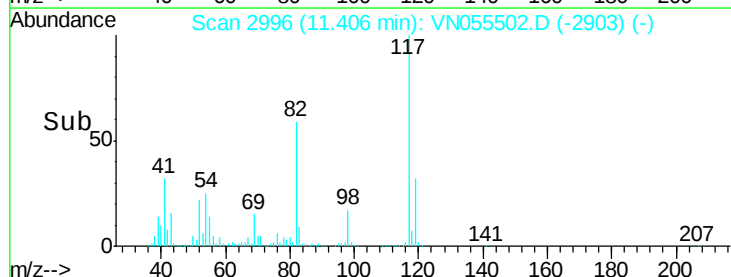
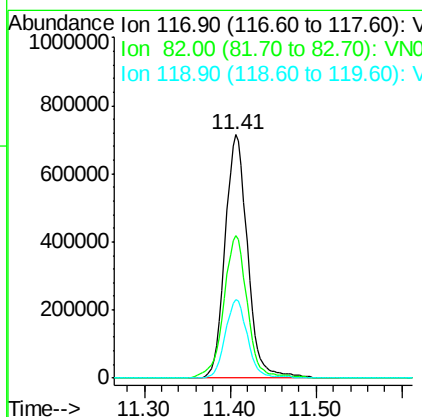
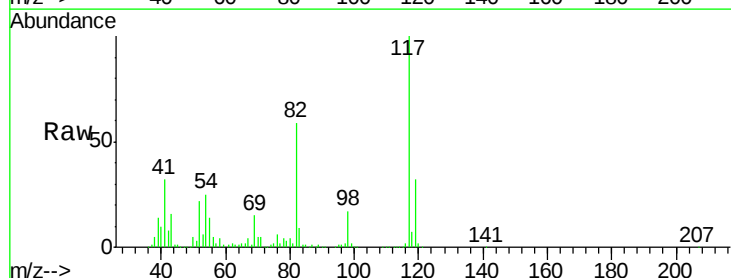
Instrument :
MSVOA_N
ClientSampled :
COMP-1

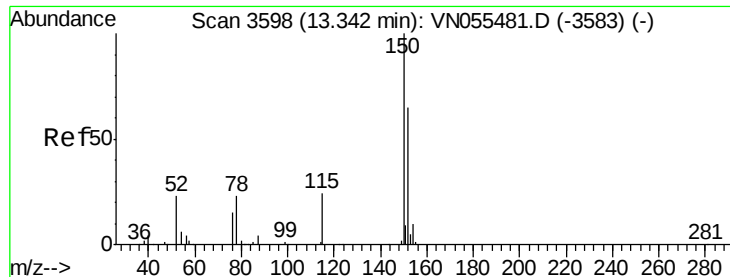
Tot Ion: 95 Resp: 580249
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.2
176 74.3 0.0 147.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055502.D
Acq: 9 May 2019 17:19

Tgt Ion: 117 Resp: 1301040
Ion Ratio Lower Upper
117 100
82 58.5 48.0 72.0
119 32.4 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055502.D

Acq: 9 May 2019 17:19

Instrument :

MSVOA_N

ClientSampled :

COMP-1

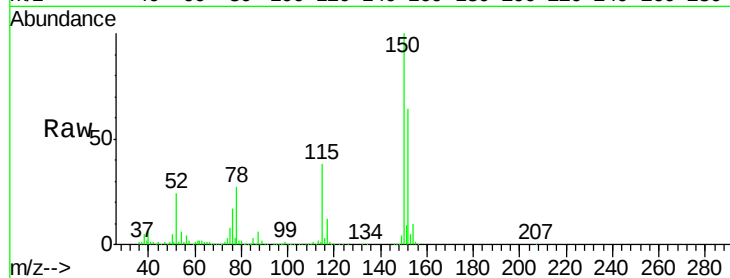
Tot Ion:152 Resp: 446117

Ion Ratio Lower Upper

152 100

115 60.3 30.1 90.5

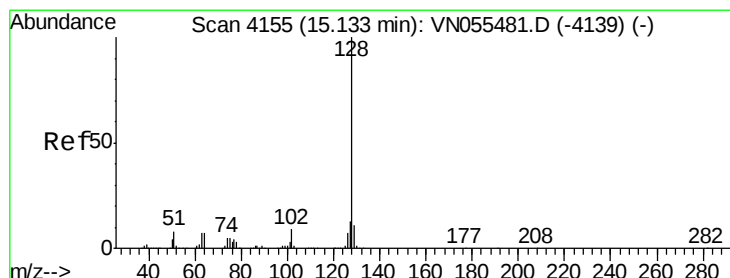
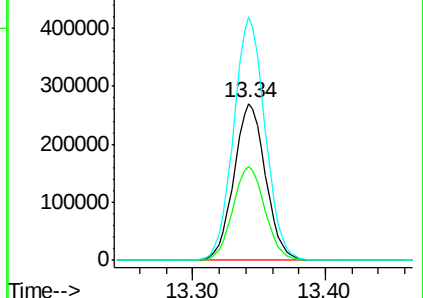
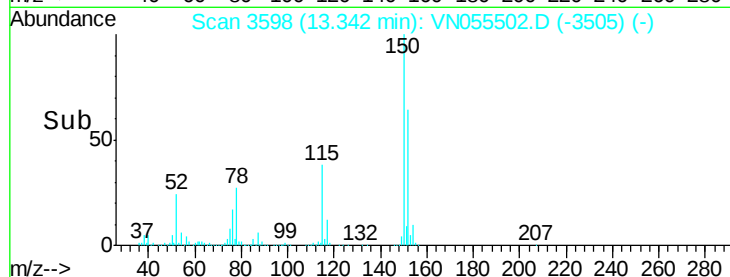
150 155.0 0.0 355.0



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: 7.815 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN055502.D

Acq: 9 May 2019 17:19

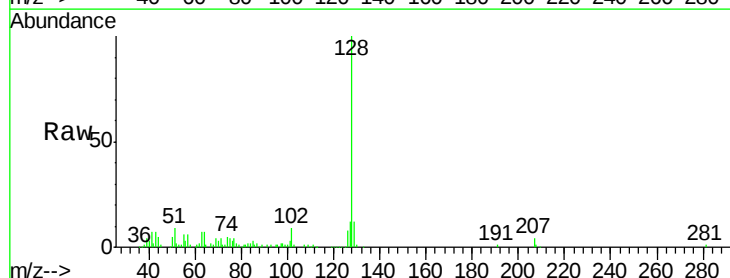
Tgt Ion:128 Resp: 96397

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 11.4 8.8 13.2



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

