

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032419\
 Data File : VN054642.D
 Acq On : 24 Mar 2019 12:36
 Operator : JC/SP
 Sample : K2047-02ME
 Misc : 6.58g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB432-190320-(28-30)ME

Quant Time: Mar 25 06:54:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

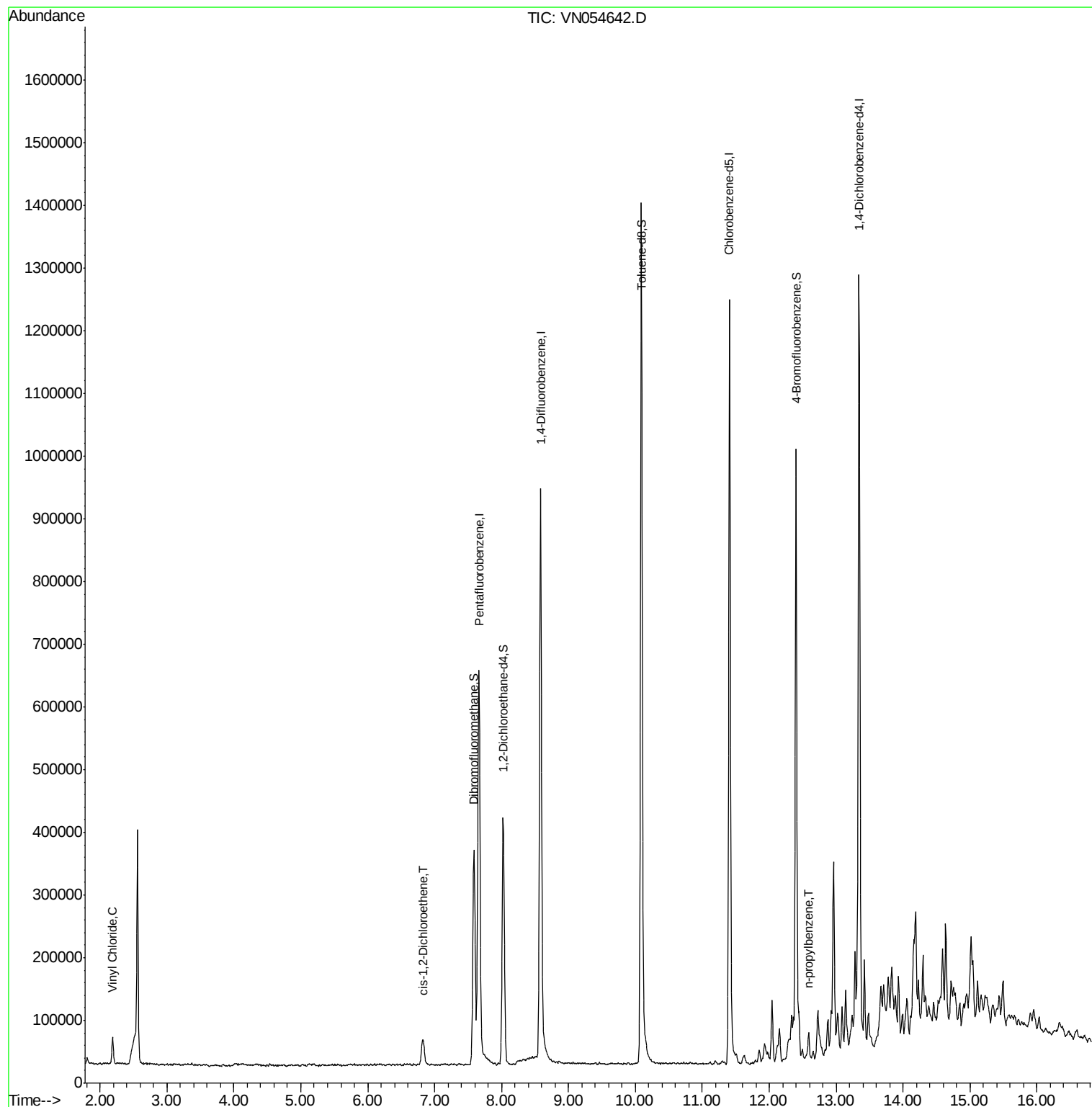
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	542583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	849349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	741780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	309505	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	339931	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
35) Dibromofluoromethane	7.59	113	256929	46.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.90%	
50) Toluene-d8	10.09	98	1035963	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.40	95	332378	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
Target Compounds						
4) Vinyl Chloride	2.19	62	35938	5.072	ug/l	95
27) cis-1,2-Dichloroethene	6.82	96	26957	4.229	ug/l	98
78) n-propylbenzene	12.59	91	34181	1.264	ug/l	97

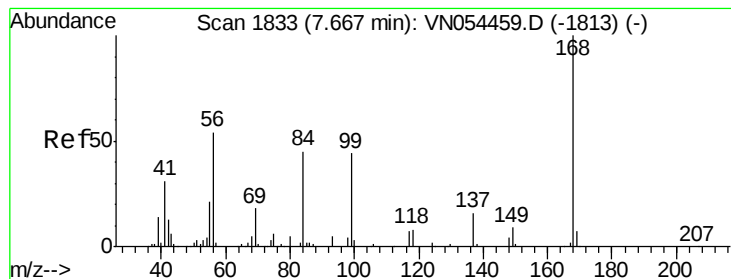
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VN054642.D

Acq: 24 Mar 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

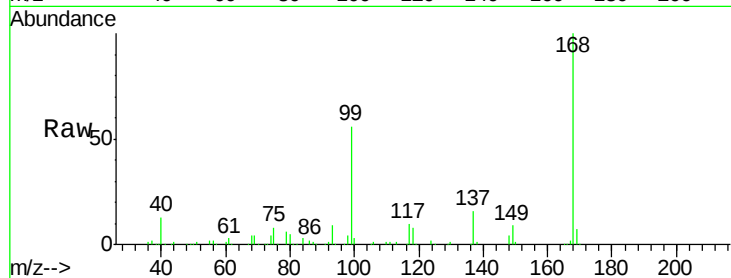
WP022SB432-190320-(28-30)ME

Tot Ion:168 Resp: 542583

Ion Ratio Lower Upper

168 100

99 55.9 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

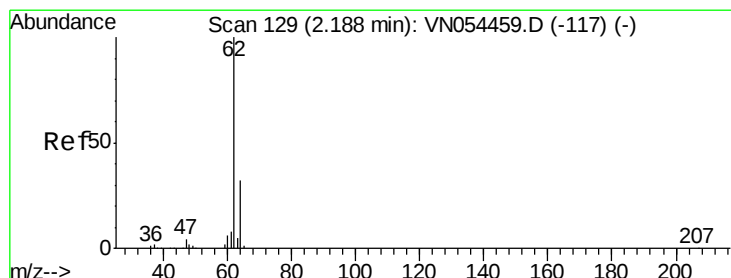
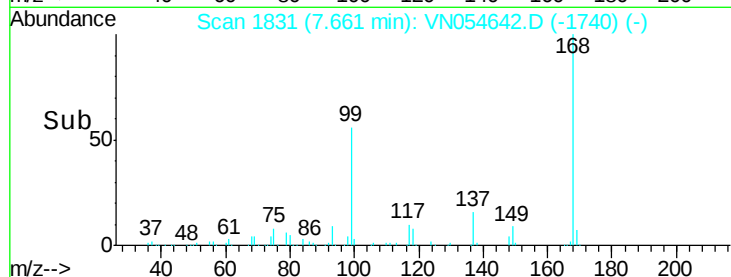
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 5.072 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN054642.D

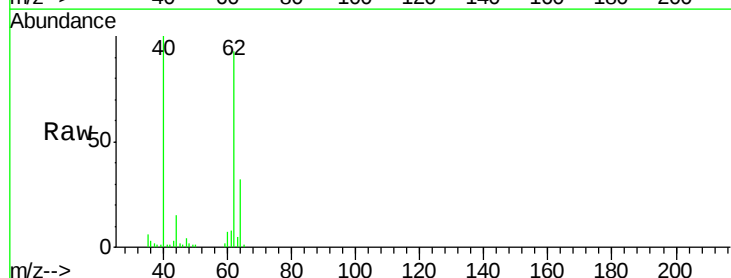
Acq: 24 Mar 2019 12:36

Tgt Ion: 62 Resp: 35938

Ion Ratio Lower Upper

62 100

64 34.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

25000

20000

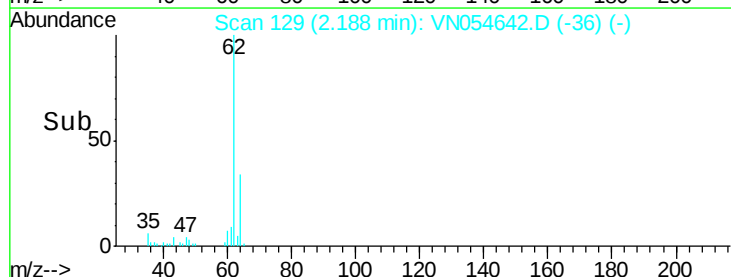
15000

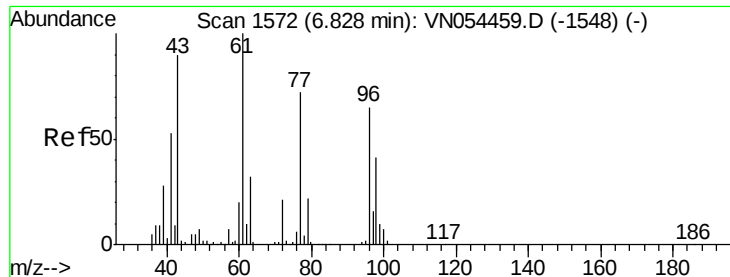
10000

5000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 4.229 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.01 min

Lab File: VN054642.D

Acq: 24 Mar 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

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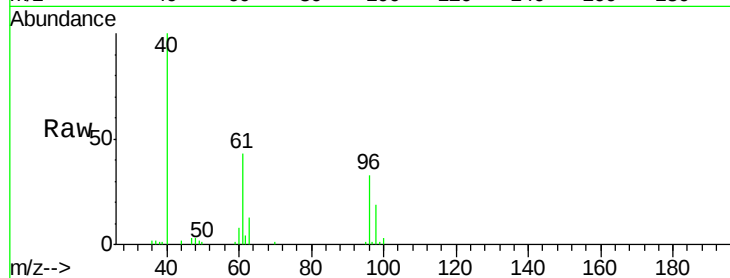
Tot Ion: 96 Resp: 26957

Ion Ratio Lower Upper

96 100

61 139.3 0.0 273.0

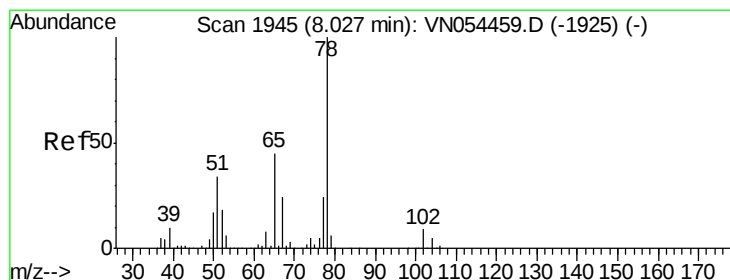
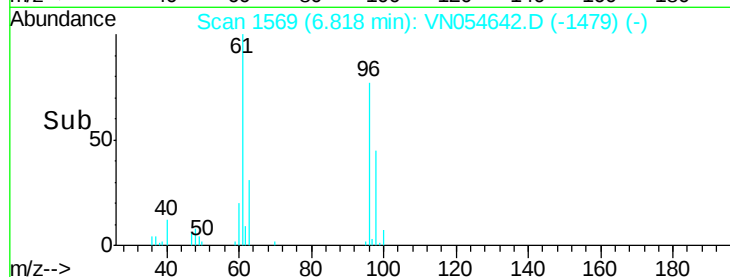
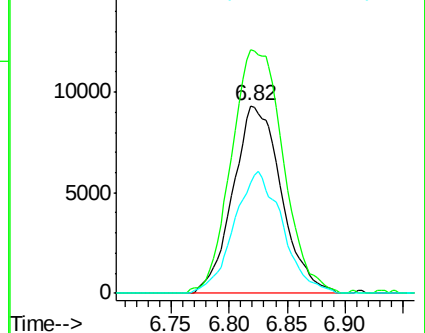
98 65.0 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.369 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054642.D

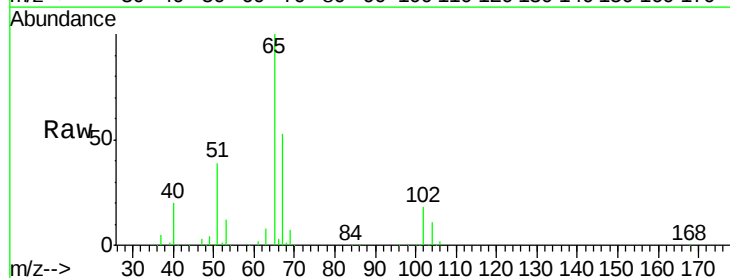
Acq: 24 Mar 2019 12:36

Tgt Ion: 65 Resp: 339931

Ion Ratio Lower Upper

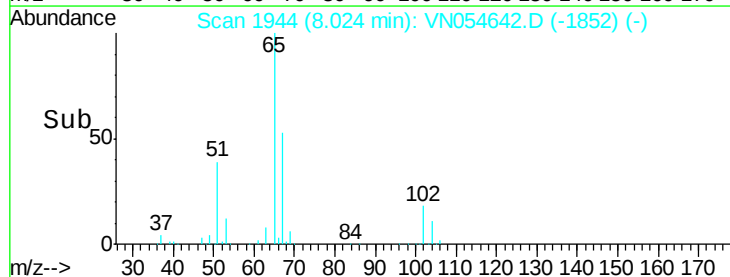
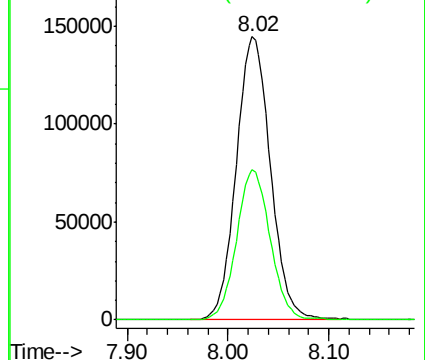
65 100

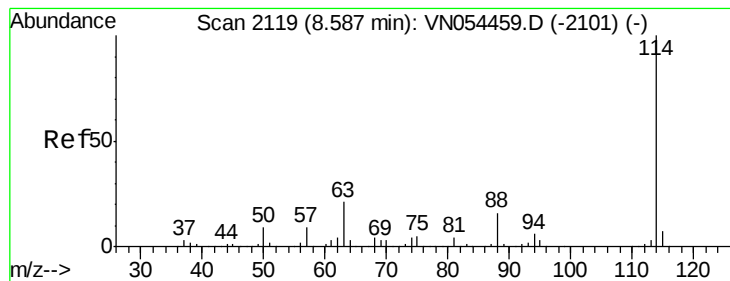
67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054642.D

Acq: 24 Mar 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

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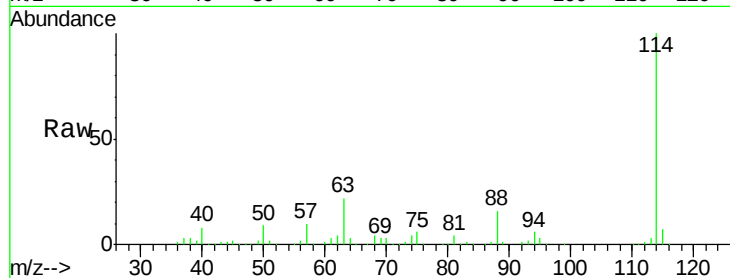
Tot Ion:114 Resp: 849349

Ion Ratio Lower Upper

114 100

63 22.1 0.0 35.2

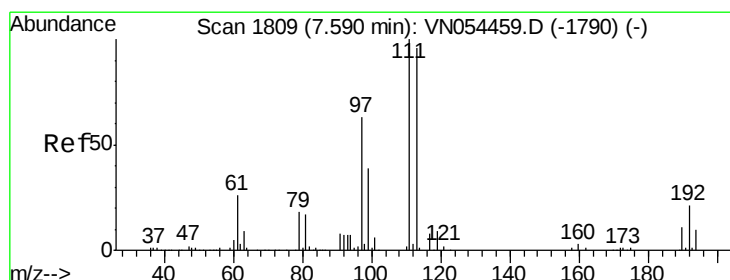
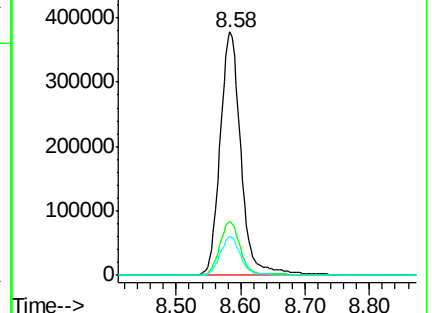
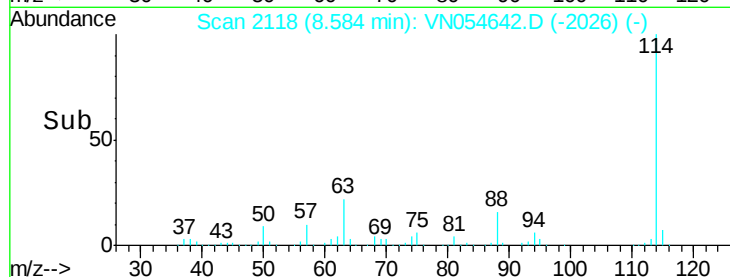
88 16.0 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 46.954 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054642.D

Acq: 24 Mar 2019 12:36

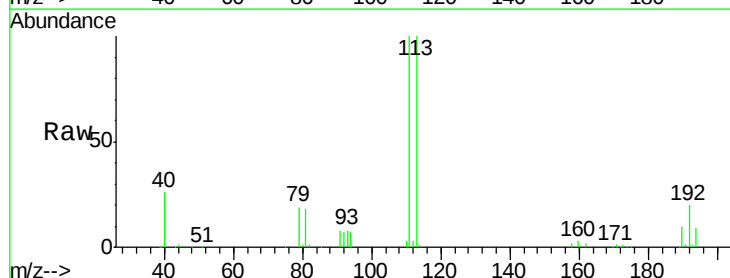
Tgt Ion:113 Resp: 256929

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

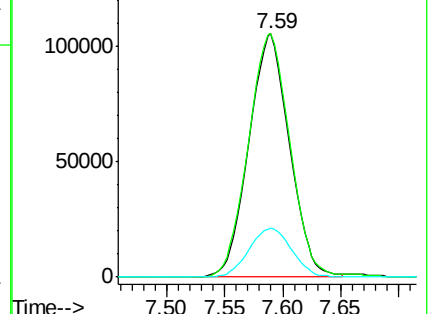
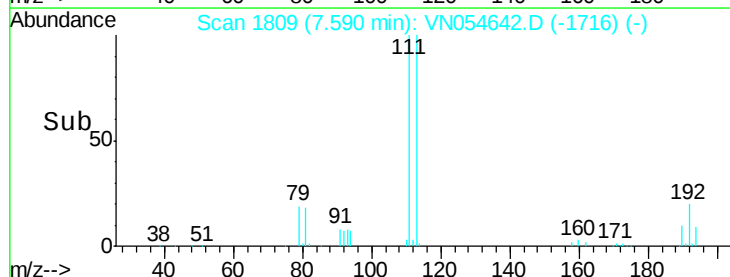
192 21.2 19.2 28.8

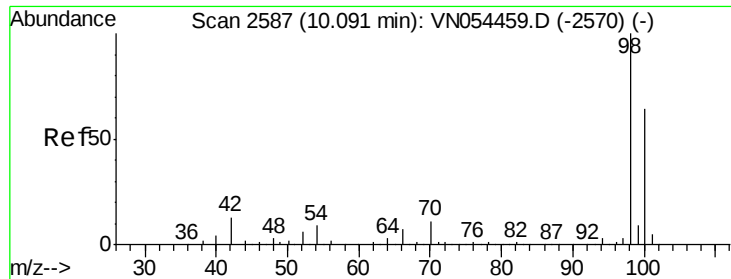


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.360 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054642.D

Acq: 24 Mar 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

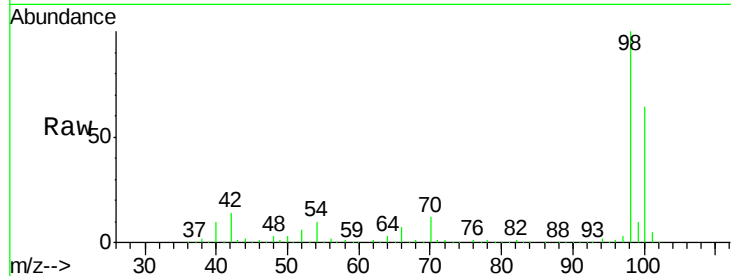
WP022SB432-190320-(28-30)ME

Tot Ion: 98 Resp: 1035963

Ion Ratio Lower Upper

98 100

100 63.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)

10.09

500000

400000

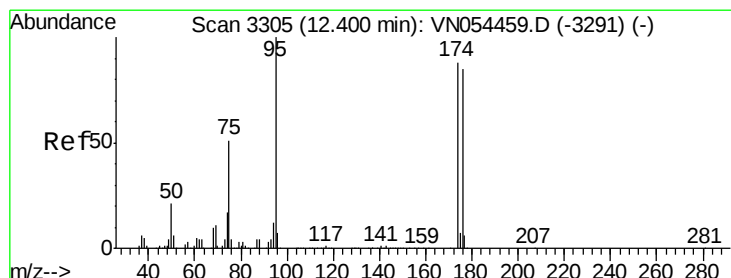
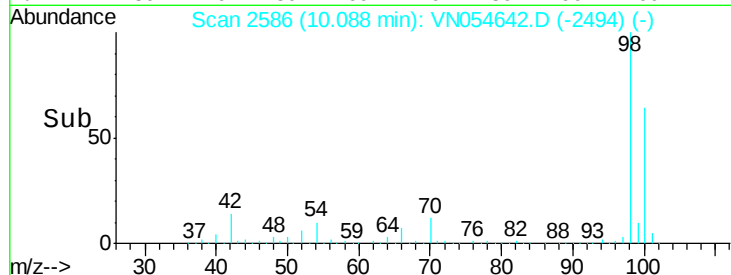
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.483 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054642.D

Acq: 24 Mar 2019 12:36

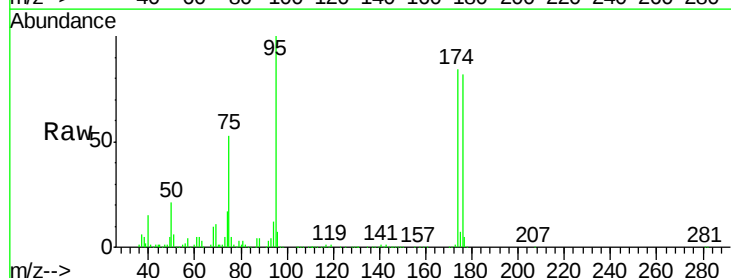
Tgt Ion: 95 Resp: 332378

Ion Ratio Lower Upper

95 100

174 83.9 0.0 191.0

176 80.7 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)

12.40

250000

200000

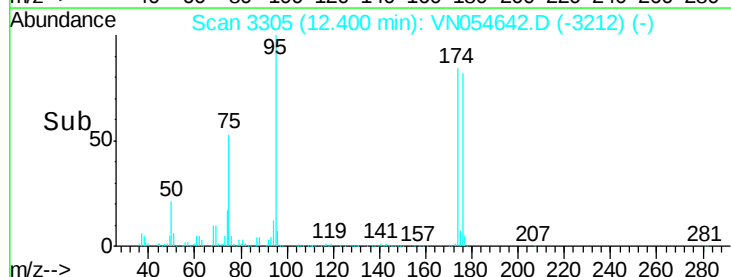
150000

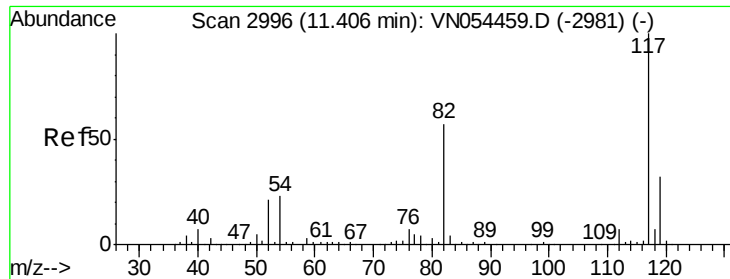
100000

50000

0

Time-->

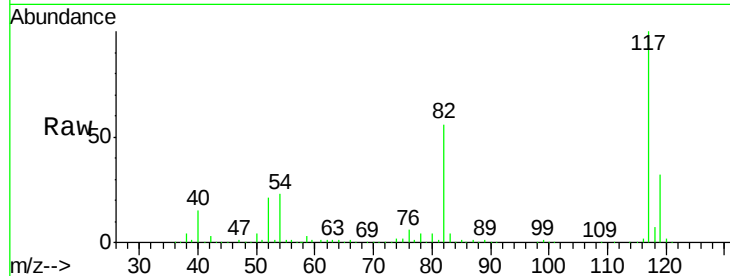




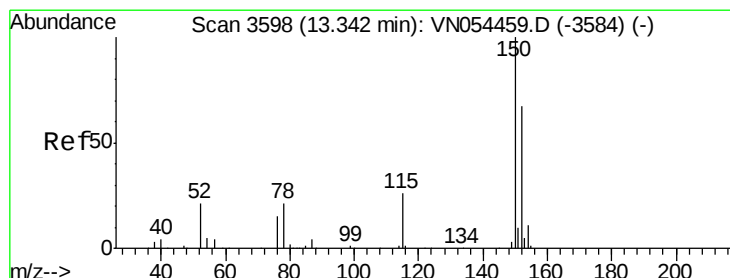
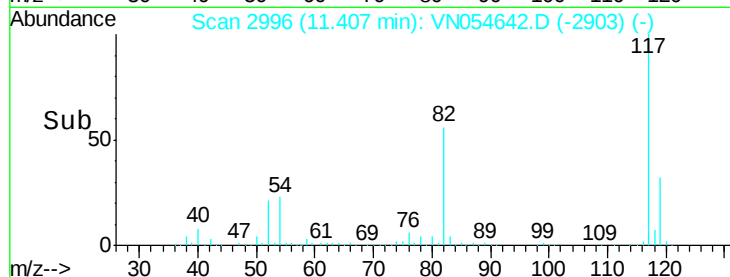
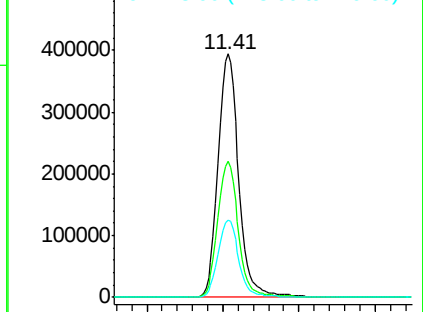
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054642.D
Acq: 24 Mar 2019 12:36

Instrument :
MSVOA_N
ClientSampleId :
WP022SB432-190320-(28-30)ME

Tot Ion:117 Resp: 741780
Ion Ratio Lower Upper
117 100
82 55.7 40.0 60.0
119 32.0 25.8 38.6

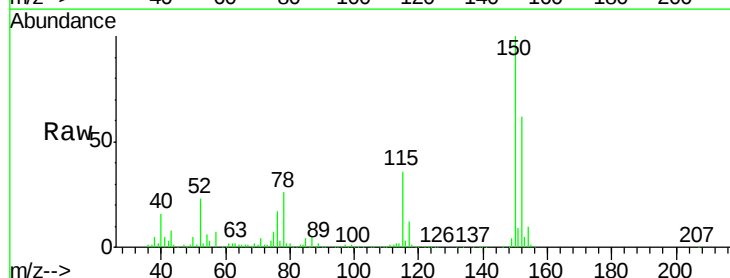


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

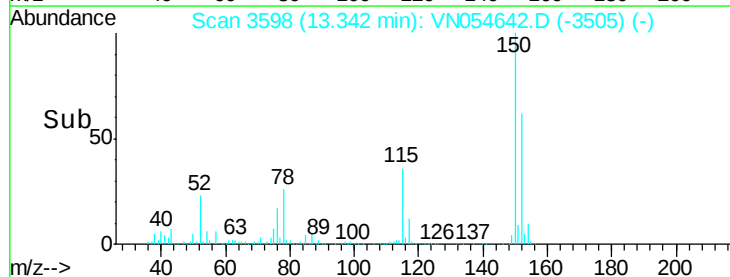
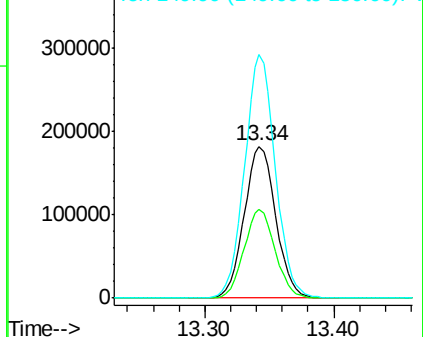


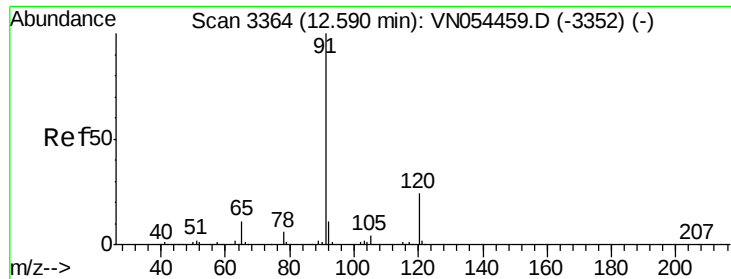
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054642.D
Acq: 24 Mar 2019 12:36

Tgt Ion:152 Resp: 309505
Ion Ratio Lower Upper
152 100
115 57.7 27.2 81.6
150 156.3 0.0 349.2



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





#78

n-propylbenzene

Concen: 1.264 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054642.D

Acq: 24 Mar 2019 12:36

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion: 91 Resp: 34181

Ion Ratio Lower Upper

91 100

120 23.0 12.3 36.9

