

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032319\
 Data File : VN054628.D
 Acq On : 24 Mar 2019 2:58
 Operator : JC/SP
 Sample : K2043-07ME
 Misc : 6.42g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB441-190319-(23-25)ME

Quant Time: Mar 25 05:32:01 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

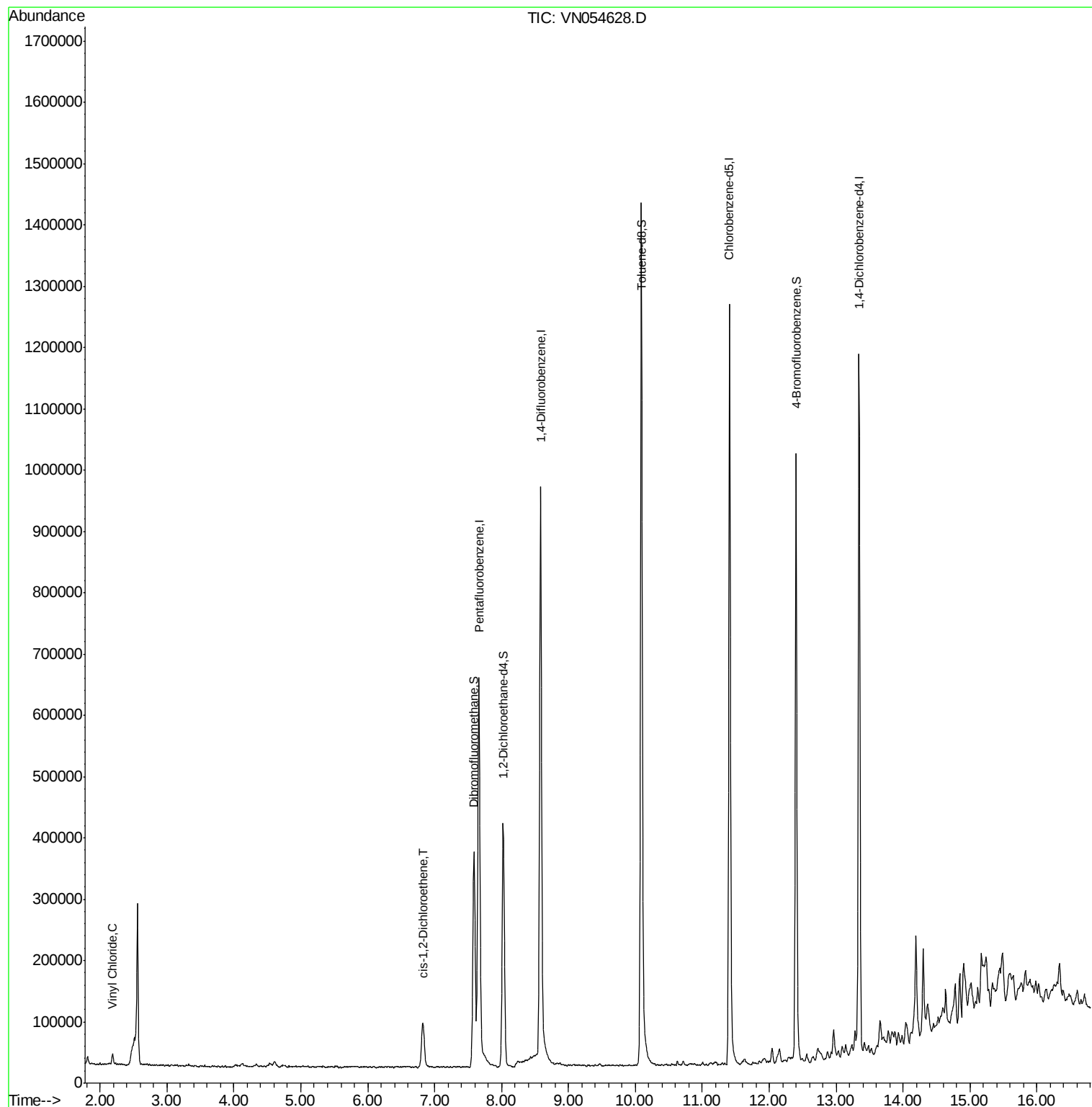
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	563024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	867788	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	742037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	301343	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	343299	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	7.59	113	262567	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
50) Toluene-d8	10.09	98	1054194	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.40	95	338072	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
Target Compounds						
4) Vinyl Chloride	2.19	62	15785	2.147	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	46796	7.075	ug/l	98

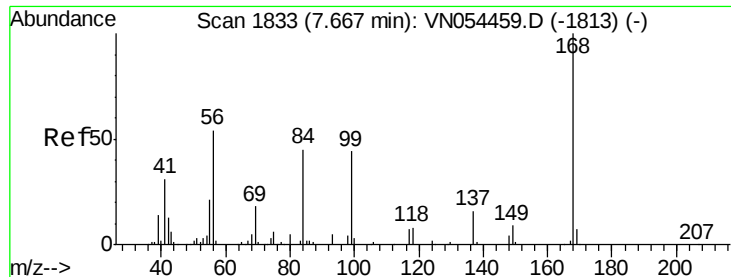
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054628.D

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Instrument :

MSVOA_N

ClientSampleId :

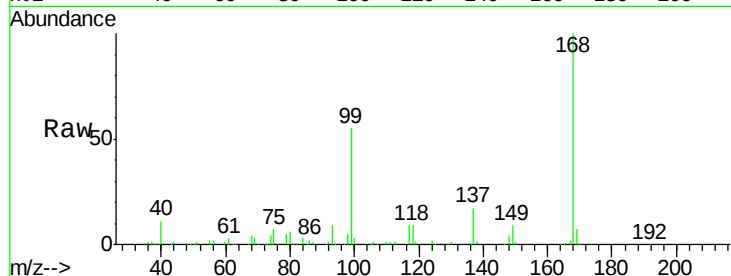
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Tot Ion:168 Resp: 563024

Ion Ratio Lower Upper

168 100

99 54.6 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

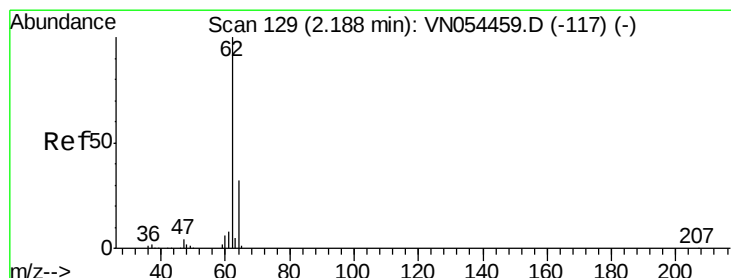
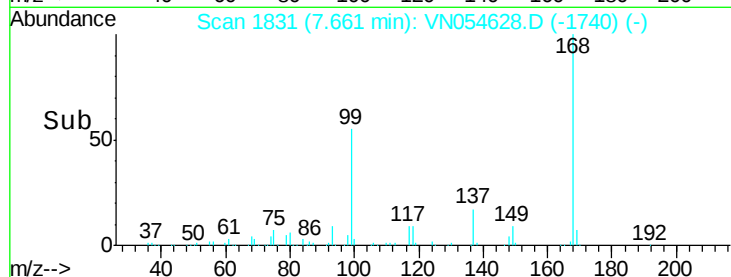
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#4

Vinyl Chloride

Concen: 2.147 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN054628.D

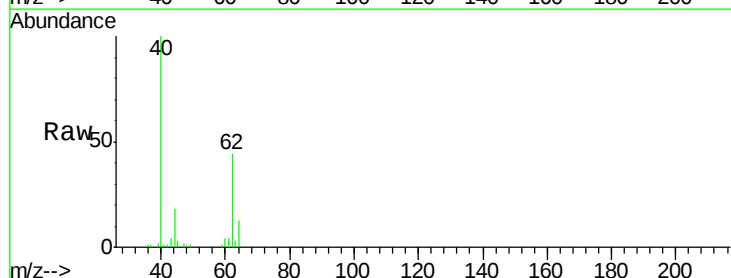
Acq: 24 Mar 2019 2:58

Tgt Ion: 62 Resp: 15785

Ion Ratio Lower Upper

62 100

64 30.2 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

12000

10000

8000

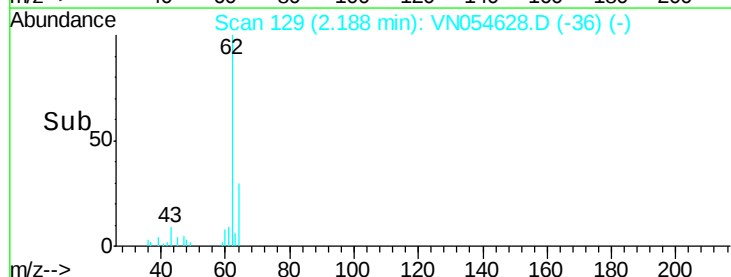
6000

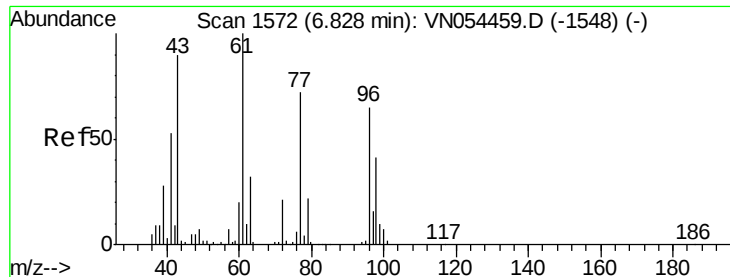
4000

2000

0

Time--> 2.15 2.20 2.25





#27

cis-1,2-Dichloroethene

Concen: 7.075 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VN054628.D

Acq: 24 Mar 2019 2:58

Instrument :

MSVOA_N

ClientSampleId :

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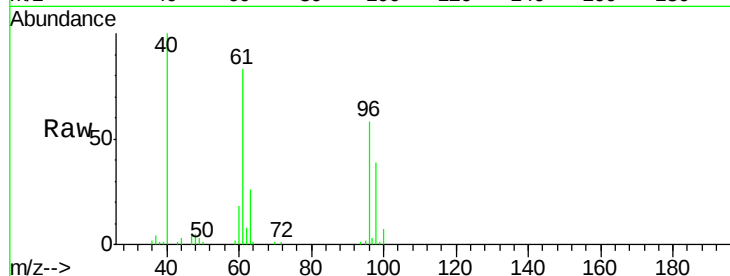
Tot Ion: 96 Resp: 46796

Ion Ratio Lower Upper

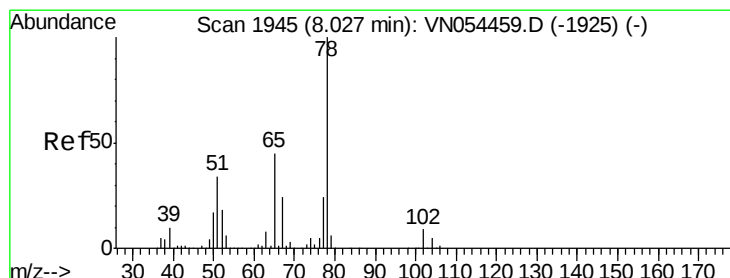
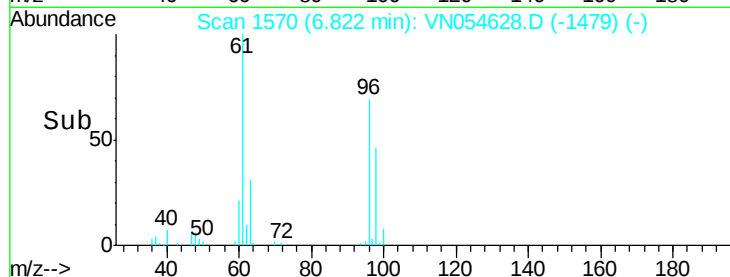
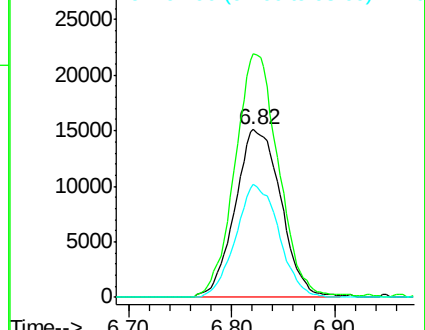
96 100

61 137.8 0.0 273.0

98 63.4 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 49.021 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054628.D

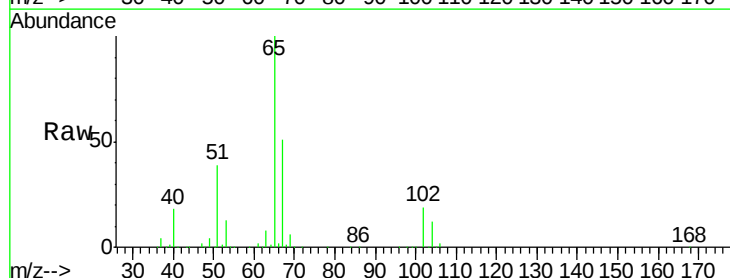
Acq: 24 Mar 2019 2:58

Tgt Ion: 65 Resp: 343299

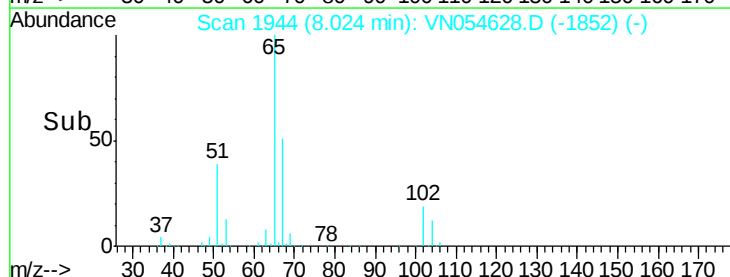
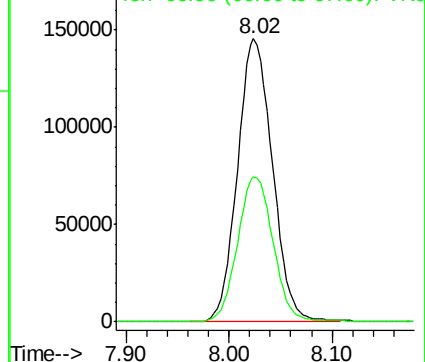
Ion Ratio Lower Upper

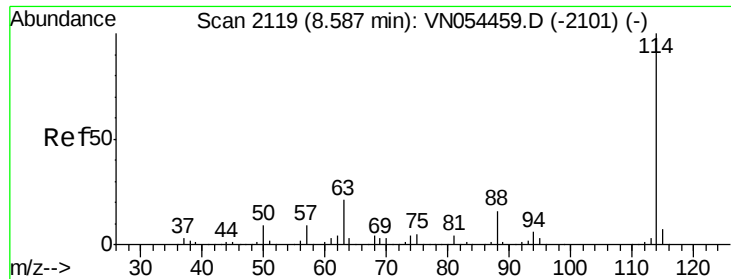
65 100

67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054628.D

Acq: 24 Mar 2019 2:58

Instrument :

MSVOA_N

ClientSampleId :

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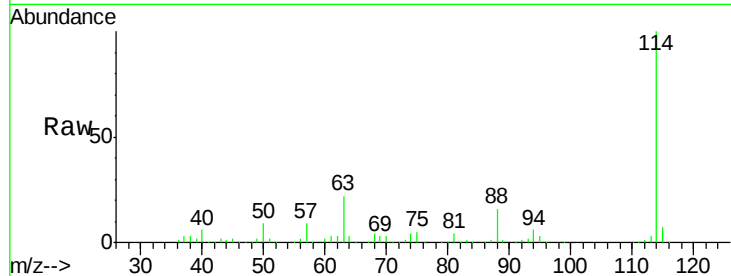
Tot Ion:114 Resp: 867788

Ion Ratio Lower Upper

114 100

63 21.5 0.0 35.2

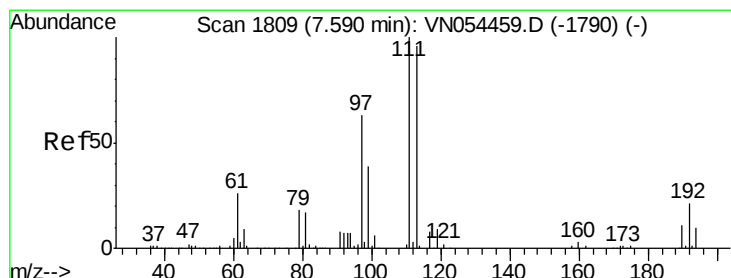
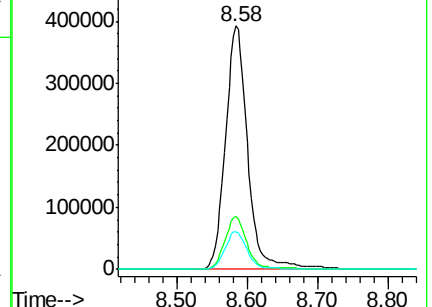
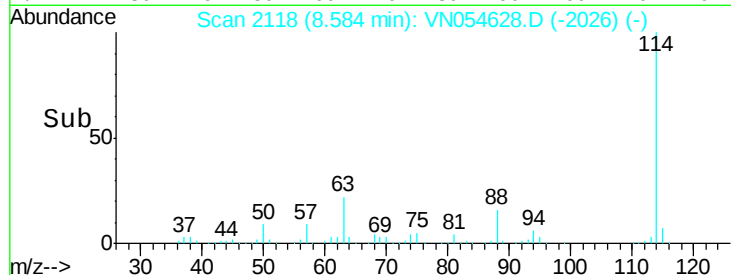
88 15.6 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.965 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054628.D

Acq: 24 Mar 2019 2:58

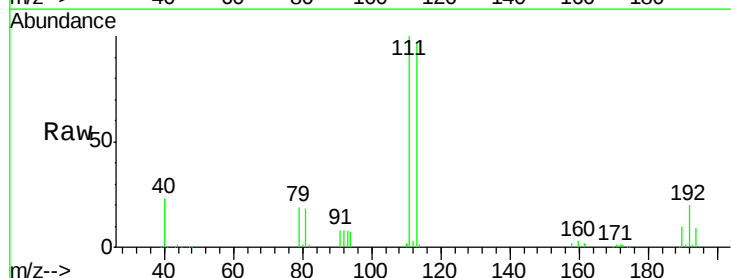
Tgt Ion:113 Resp: 262567

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

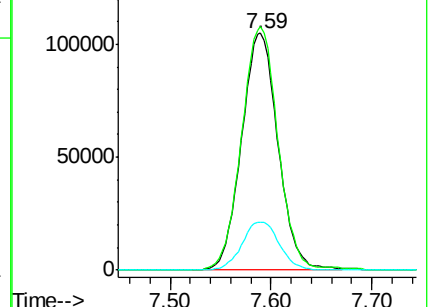
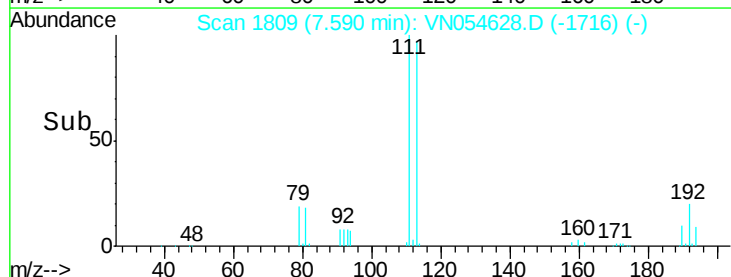
192 20.8 19.2 28.8

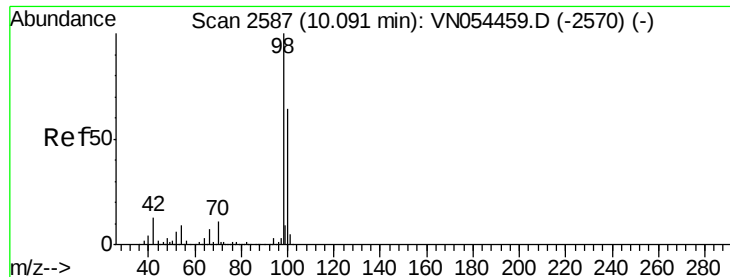


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.158 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054628.D

Acq: 24 Mar 2019 2:58

Instrument :

MSVOA_N

ClientSampleId :

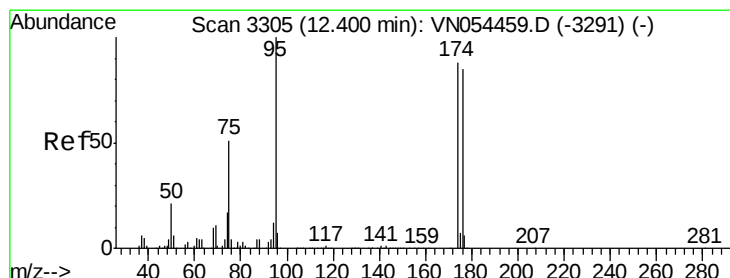
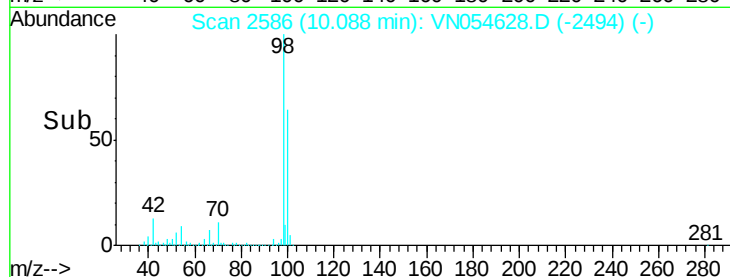
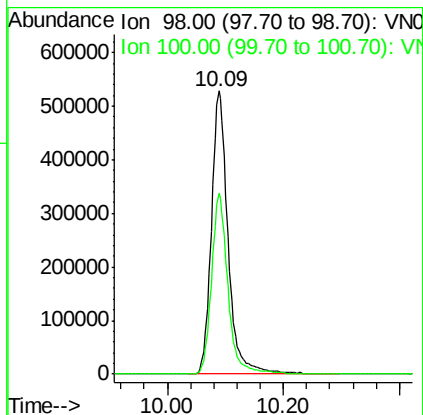
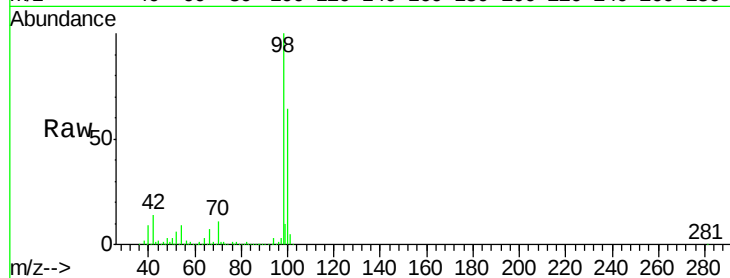
WP022SB441-190319-(23-25)ME

Tot Ion: 98 Resp: 1054194

Ion Ratio Lower Upper

98 100

100 63.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 47.270 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054628.D

Acq: 24 Mar 2019 2:58

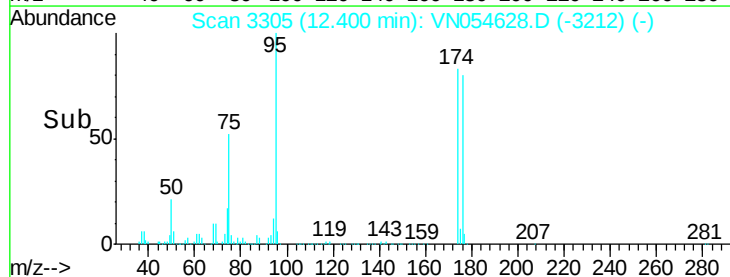
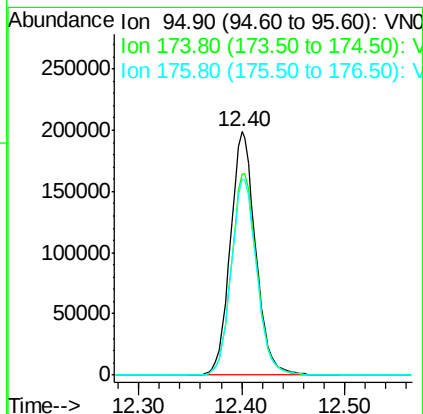
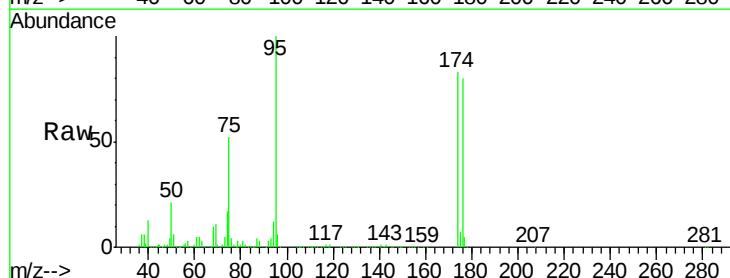
Tgt Ion: 95 Resp: 338072

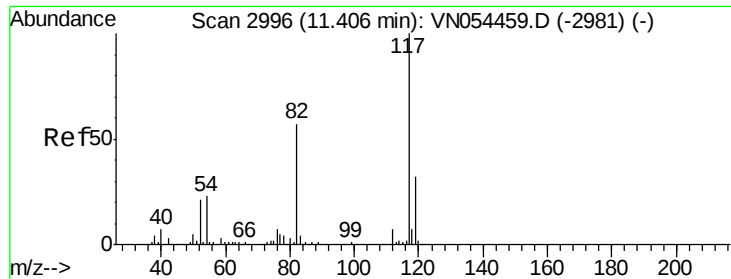
Ion Ratio Lower Upper

95 100

174 83.8 0.0 191.0

176 81.3 0.0 187.4

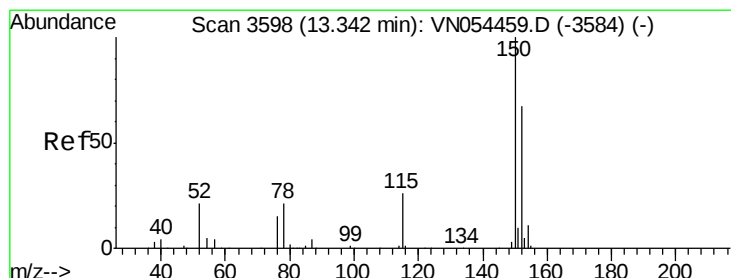
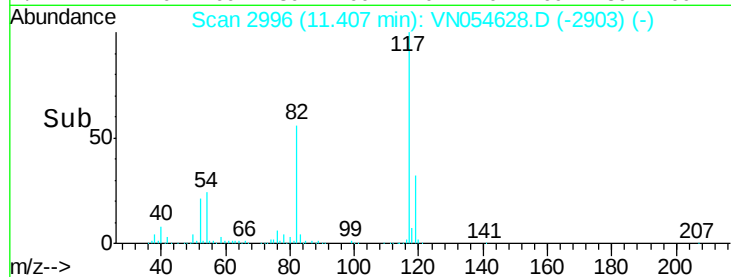
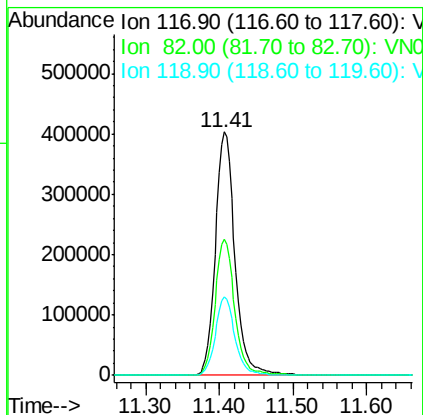
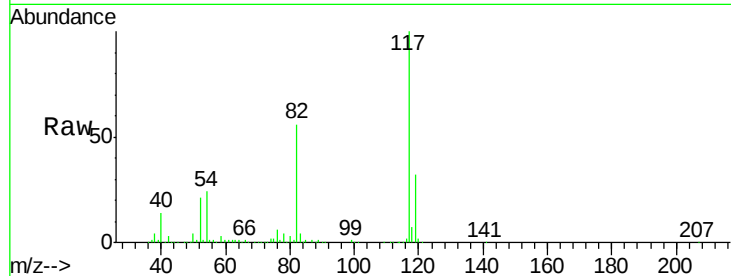




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054628.D
Acq: 24 Mar 2019 2:58

Instrument :
MSVOA_N
ClientSampleId :
WP022SB441-190319-(23-25)ME

Tot Ion:117 Resp: 742037
Ion Ratio Lower Upper
117 100
82 55.7 40.0 60.0
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054628.D
Acq: 24 Mar 2019 2:58

Tgt Ion:152 Resp: 301343
Ion Ratio Lower Upper
152 100
115 57.8 27.2 81.6
150 158.6 0.0 349.2

