

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032219\
 Data File : VN054576.D
 Acq On : 23 Mar 2019 00:30
 Operator : JC/SP
 Sample : K2045-02
 Misc : 5.45uL/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB439-190318-(13-14)MS

Quant Time: Mar 23 04:45:29 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

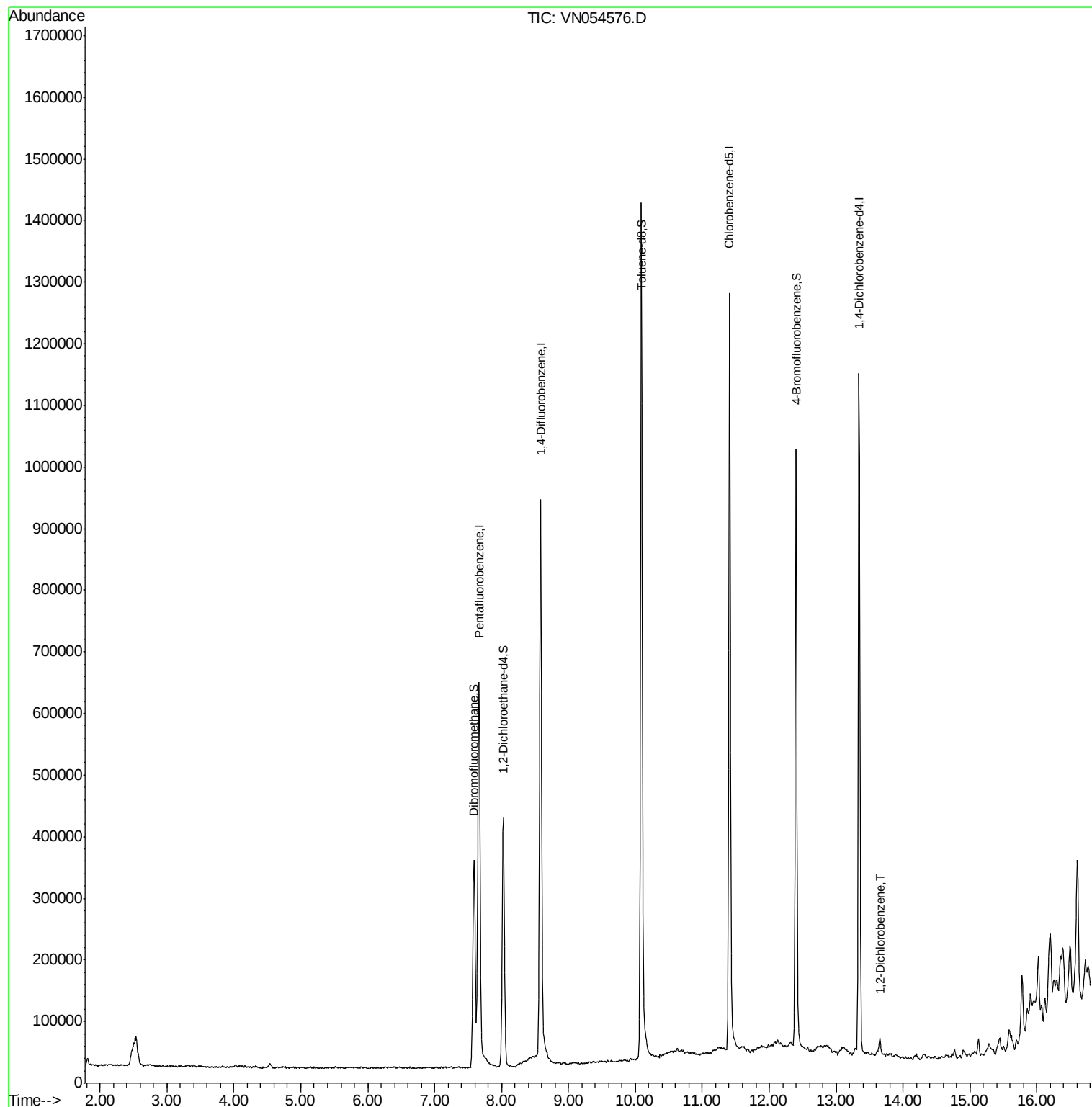
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	534983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	835643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	722136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	301953	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	340336	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	7.59	113	255010	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	10.09	98	1015249	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.40	95	336006	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
Target Compounds						
91) 1,2-Dichlorobenzene	13.65	146	8516	0.879	ug/l	Qvalue 93

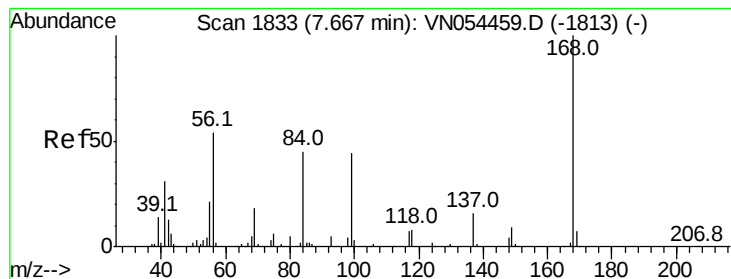
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054576.D

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MSVOA_N

ClientSampleId :

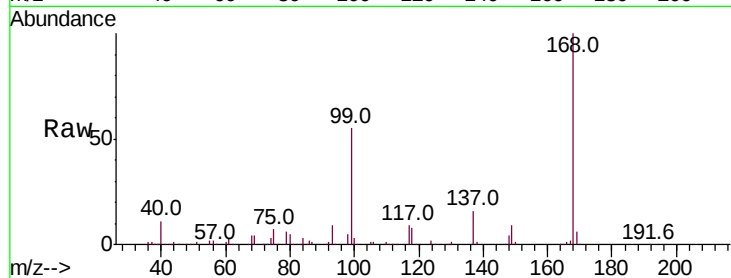
WP022SB439-190318-(13-14)MS

Tot Ion:168 Resp: 534983

Ion Ratio Lower Upper

168 100

99 54.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054459.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054459.D (-1813) (-)

7.66

250000

200000

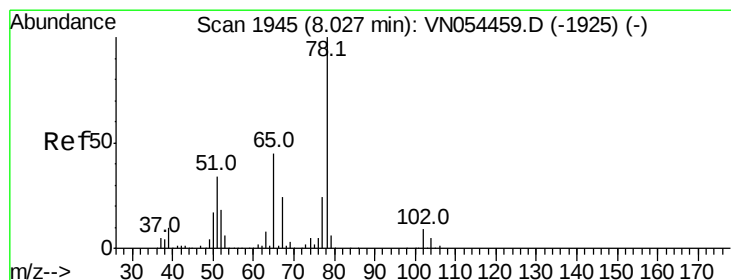
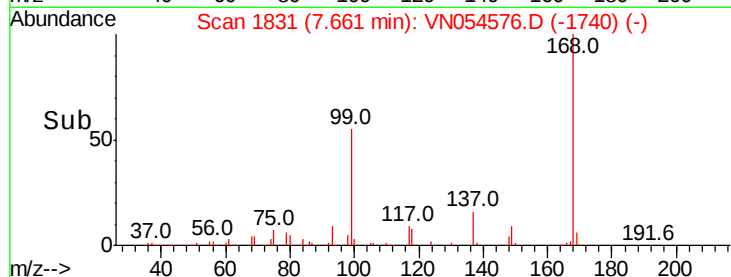
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.145 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054576.D

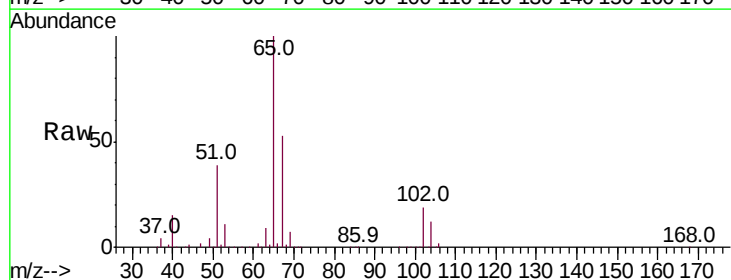
Acq: 23 Mar 2019 00:30

Tgt Ion: 65 Resp: 340336

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN054459.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN054459.D (-1925) (-)

8.02

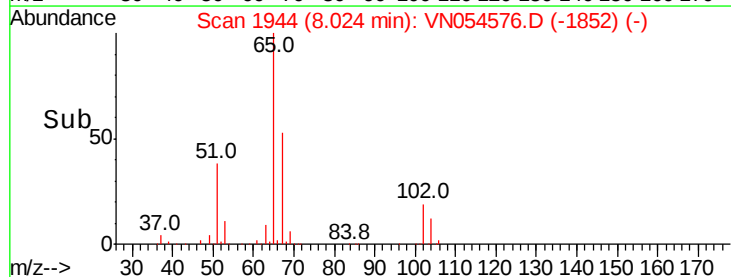
150000

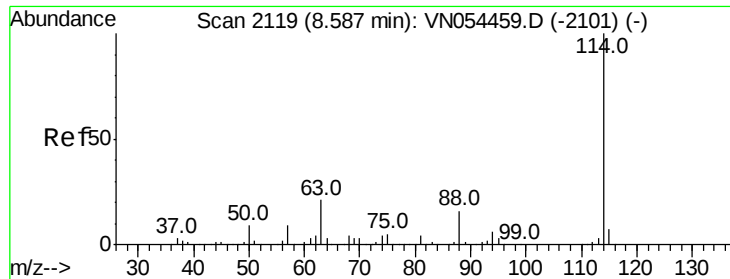
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN054576.D

Acq: 23 Mar 2019 00:30

Instrument :

MSVOA_N

ClientSampleId :

WP022SB439-190318-(13-14)MS

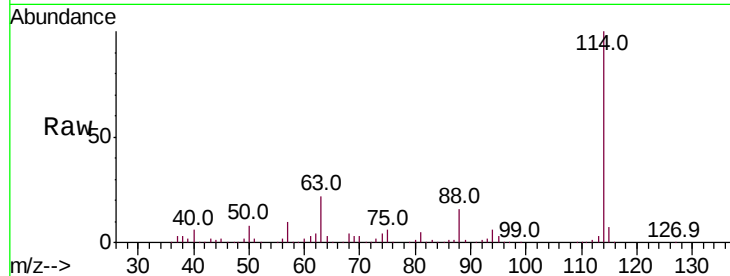
Tot Ion:114 Resp: 835643

Ion Ratio Lower Upper

114 100

63 21.7 0.0 35.2

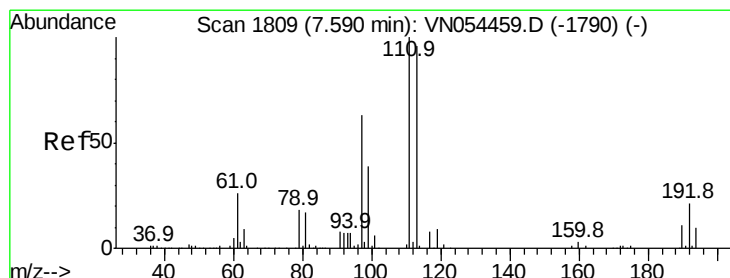
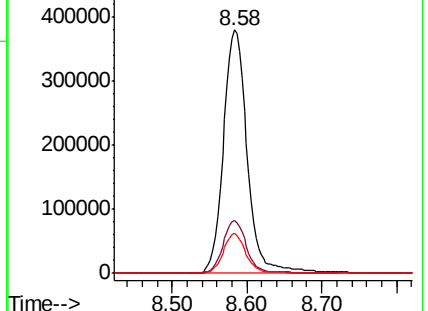
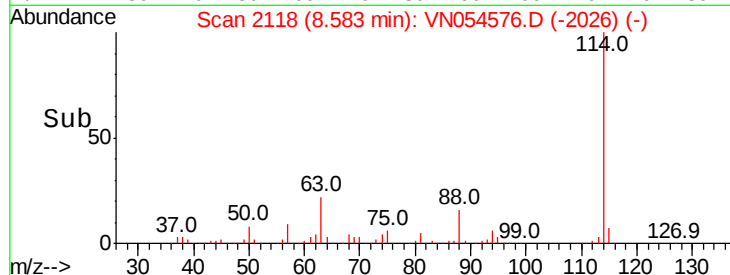
88 16.3 0.0 30.2



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: 47.368 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054576.D

Acq: 23 Mar 2019 00:30

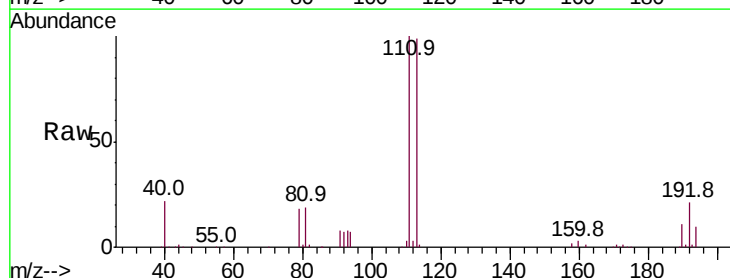
Tgt Ion:113 Resp: 255010

Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

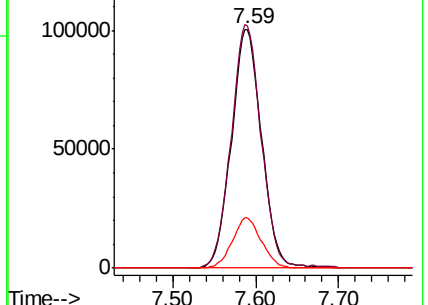
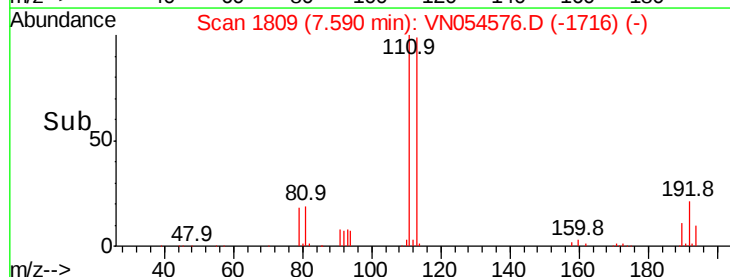
192 20.3 19.2 28.8

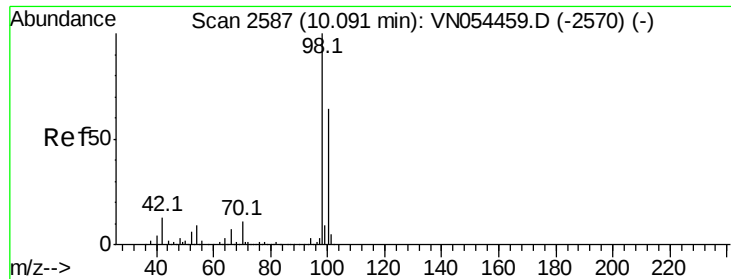


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.163 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054576.D

Acq: 23 Mar 2019 00:30

Instrument :

MSVOA_N

ClientSampleId :

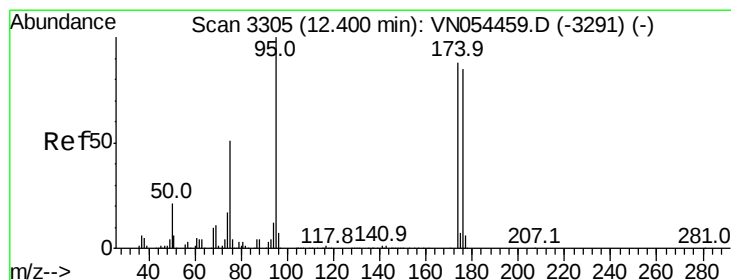
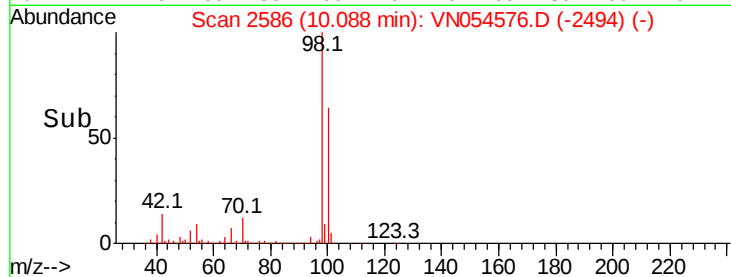
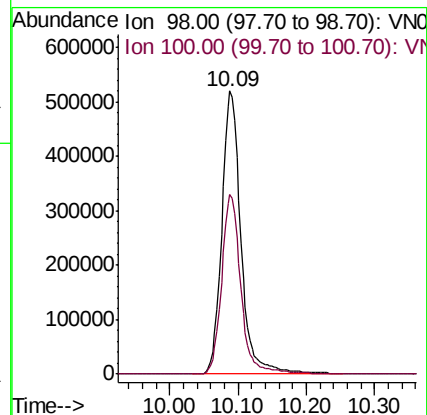
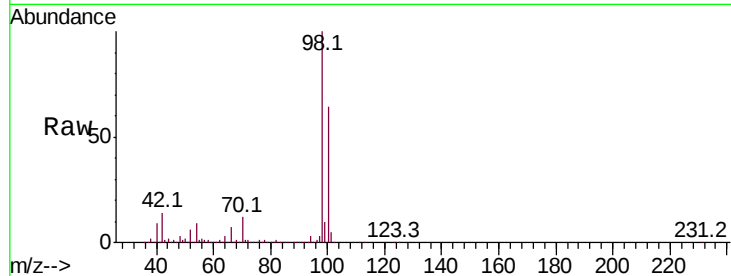
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Tot Ion: 98 Resp: 1015249

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 48.788 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054576.D

Acq: 23 Mar 2019 00:30

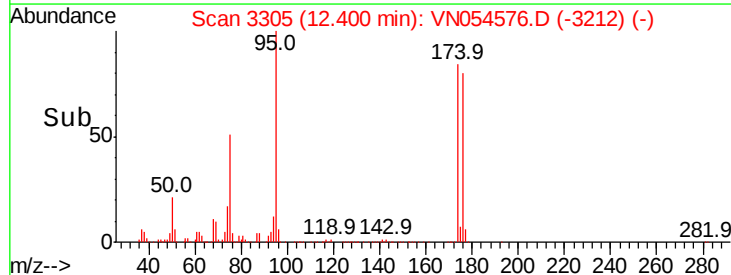
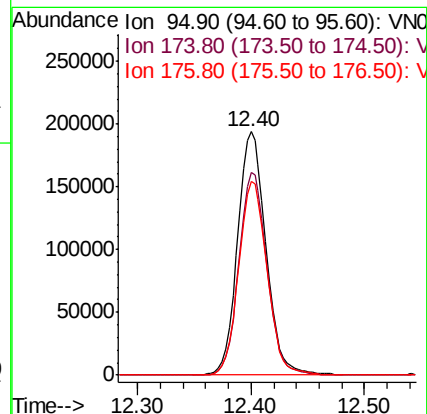
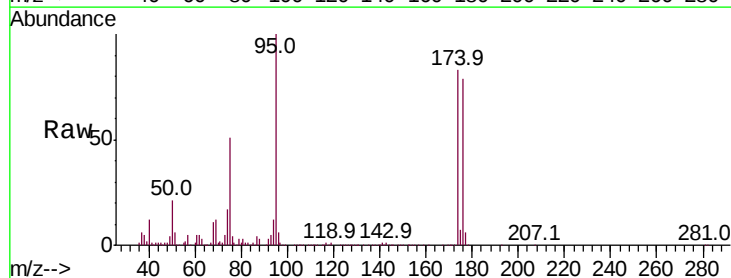
Tgt Ion: 95 Resp: 336006

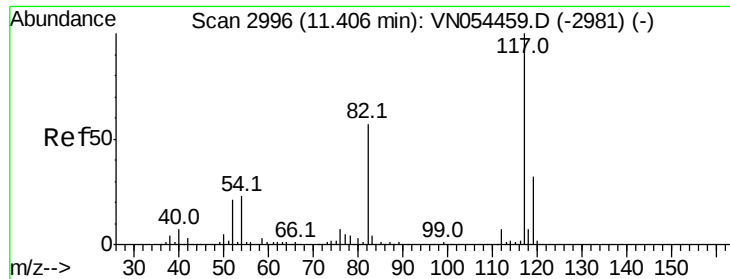
Ion Ratio Lower Upper

95 100

174 83.0 0.0 191.0

176 80.5 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: VN054576.D

Acq: 23 Mar 2019 00:30

Instrument :

MSVOA_N

ClientSampleId :

WP022SB439-190318-(13-14)MS

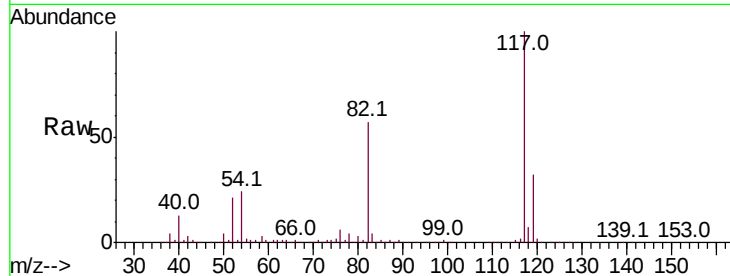
Tot Ion:117 Resp: 722136

Ion Ratio Lower Upper

117 100

82 56.5 40.0 60.0

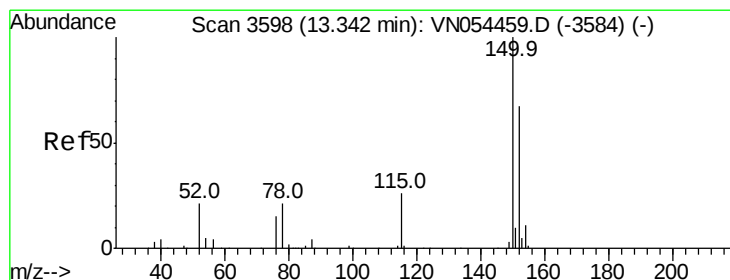
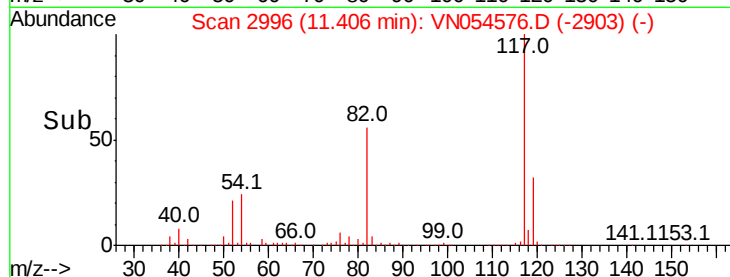
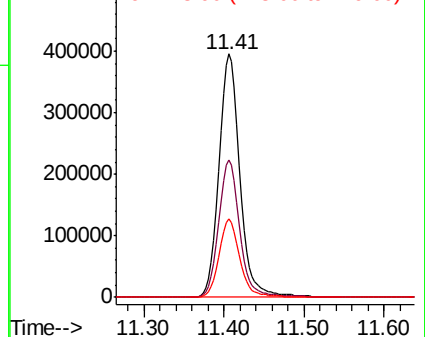
119 32.1 25.8 38.6



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054576.D

Acq: 23 Mar 2019 00:30

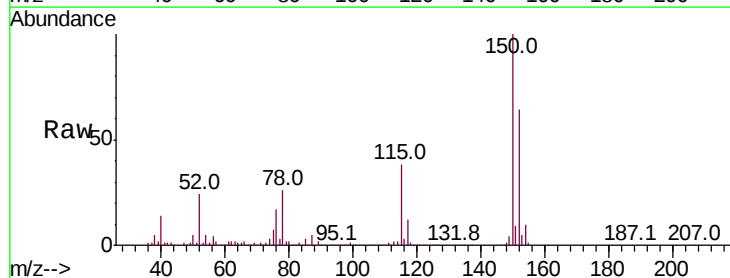
Tgt Ion:152 Resp: 301953

Ion Ratio Lower Upper

152 100

115 57.6 27.2 81.6

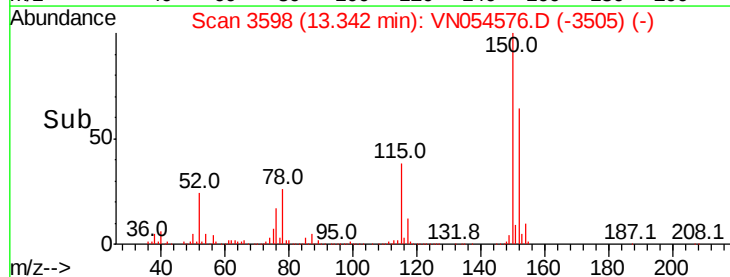
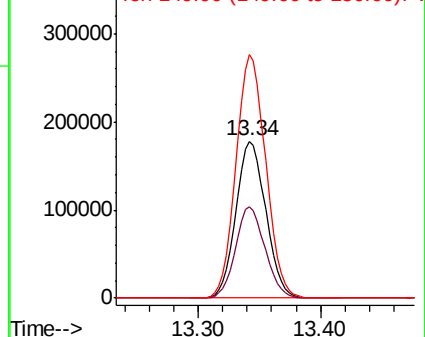
150 154.2 0.0 349.2

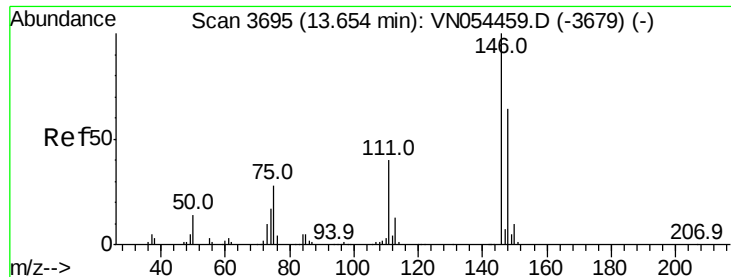


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#91

1,2-Dichlorobenzene

Concen: 0.879 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN054576.D

Acq: 23 Mar 2019 00:30

Instrument :

MSVOA_N

ClientSampleId :

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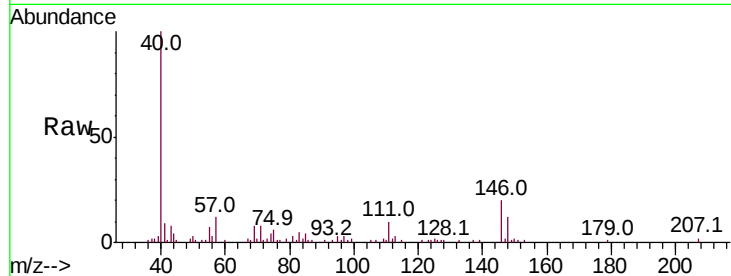
Tot Ion:146 Resp: 8516

Ion Ratio Lower Upper

146 100

111 40.0 19.1 57.3

148 57.1 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

