

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032419\
 Data File : VN054648.D
 Acq On : 24 Mar 2019 15:15
 Operator : JC/SP
 Sample : K2047-10
 Misc : 6.37g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB434-190320-(16-18)

Quant Time: Mar 25 07:18:58 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

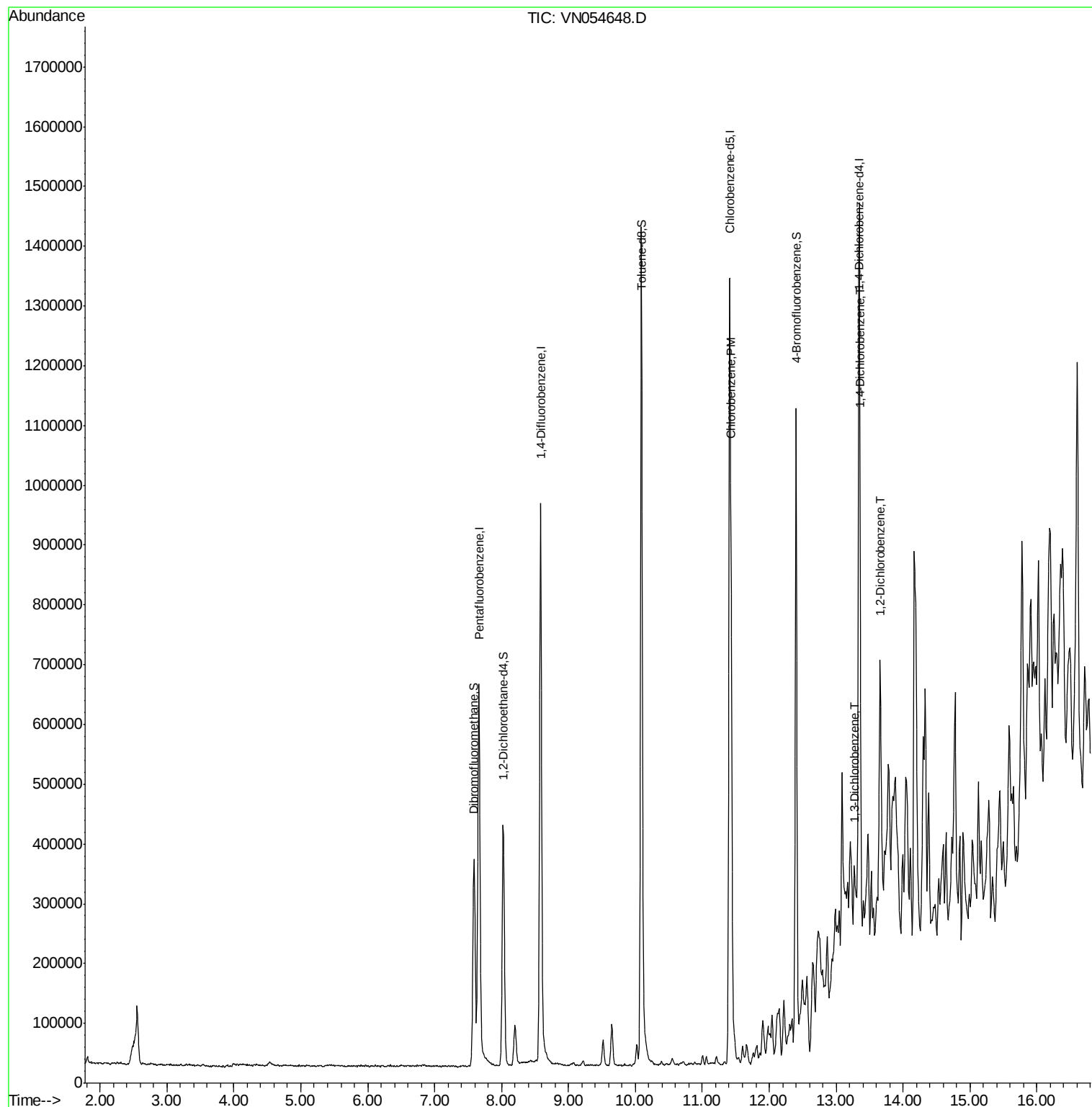
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	569065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	875276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	769159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	339595	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	344222	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	7.59	113	260694	46.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.46%	
50) Toluene-d8	10.09	98	1068840	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.40	95	351513	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
Target Compounds						
65) Chlorobenzene	11.43	112	337879	21.598	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	19335	1.719	ug/l #	15
88) 1,4-Dichlorobenzene	13.36	146	34847	3.184	ug/l #	46
91) 1,2-Dichlorobenzene	13.65	146	33686	3.092	ug/l #	68

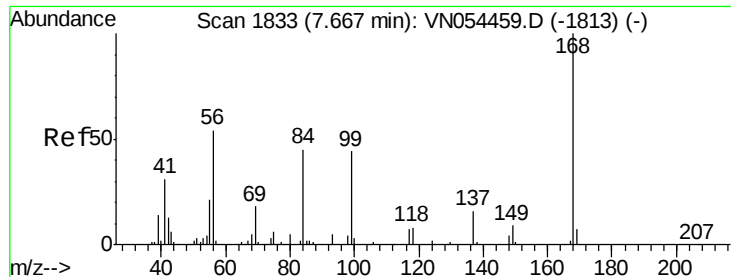
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032419\
Data File : VN054648.D
Acq On : 24 Mar 2019 15:15
Operator : JC/SP
Sample : K2047-10
Misc : 6.37a/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WP022SB434-190320-(16-18)

Quant Time: Mar 25 07:18:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VN054648.D

Acq: 24 Mar 2019 15:15

Instrument :

MSVOA_N

ClientSampleId :

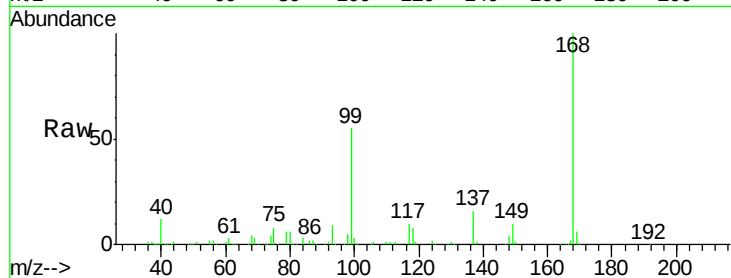
WP022SB434-190320-(16-18)

Tot Ion:168 Resp: 569065

Ion Ratio Lower Upper

168 100

99 54.7 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

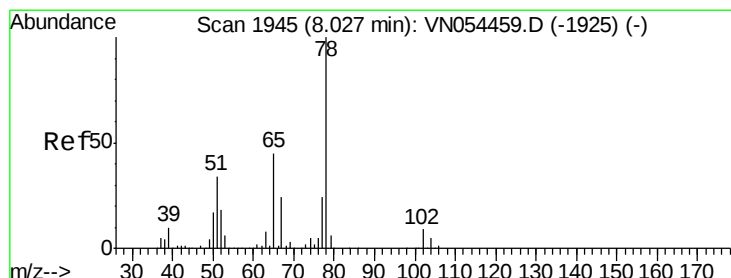
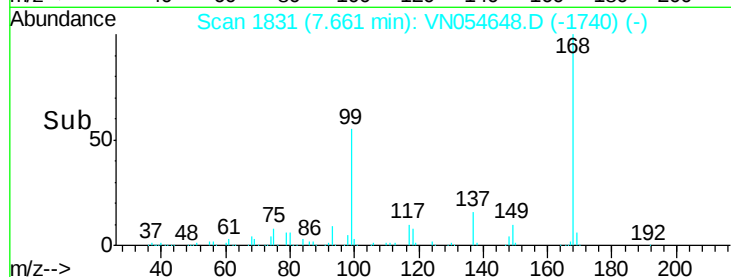
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 48.631 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054648.D

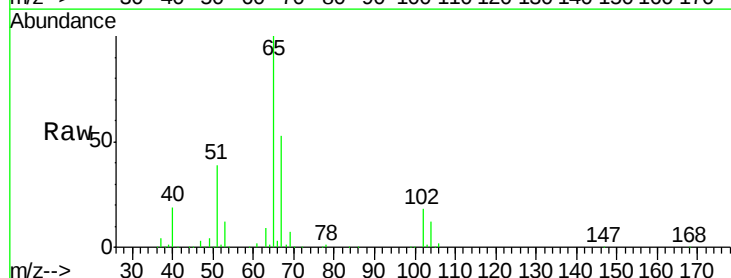
Acq: 24 Mar 2019 15:15

Tgt Ion: 65 Resp: 344222

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

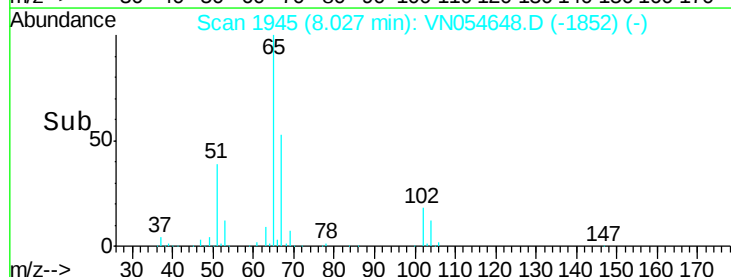
150000

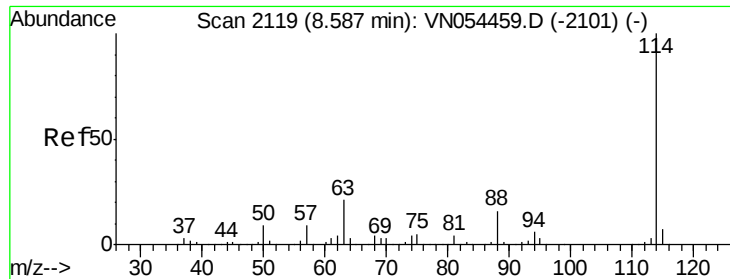
100000

50000

0

Time--> 7.90 8.00 8.10

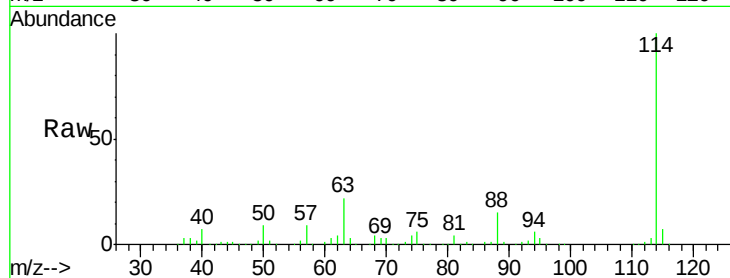




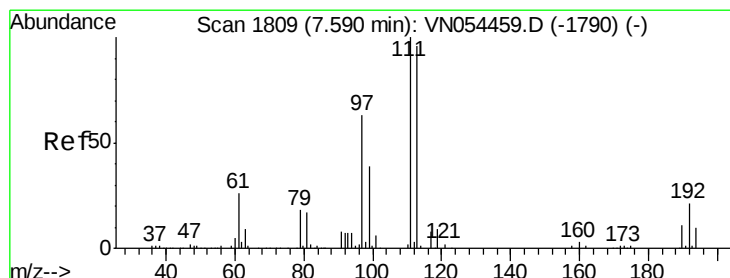
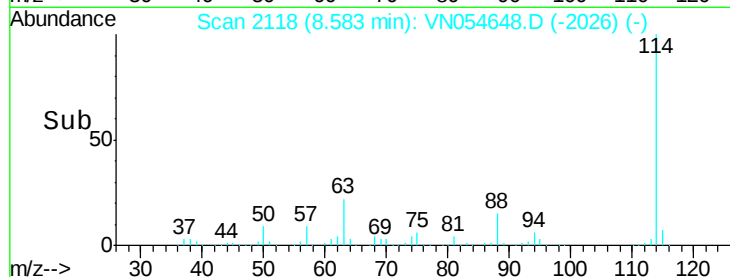
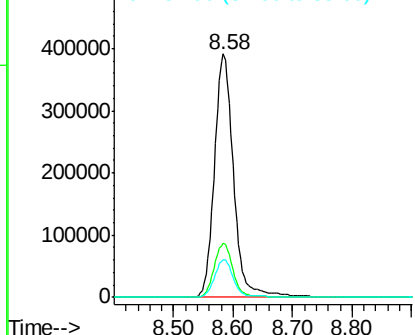
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054648.D
 Acq: 24 Mar 2019 15:15

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB434-190320-(16-18)

Tot Ion:114 Resp: 875276
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 35.2
 88 15.4 0.0 30.2

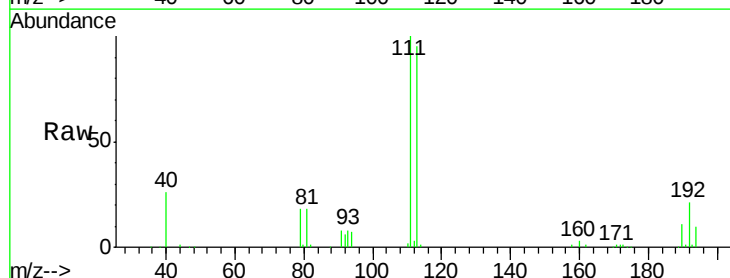


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

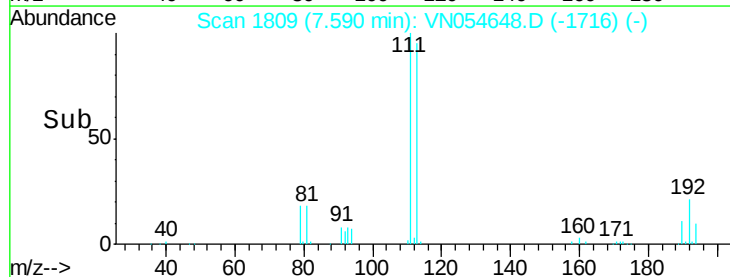
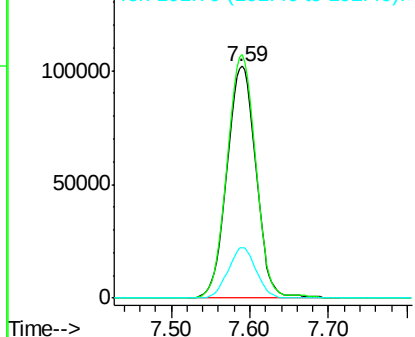


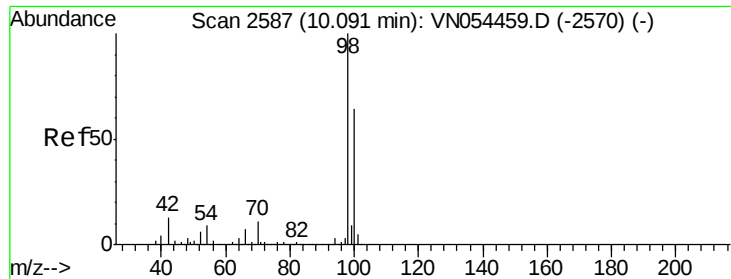
#35
 Dibromofluoromethane
 Concen: 46.231 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054648.D
 Acq: 24 Mar 2019 15:15

Tgt Ion:113 Resp: 260694
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.4
 192 21.0 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

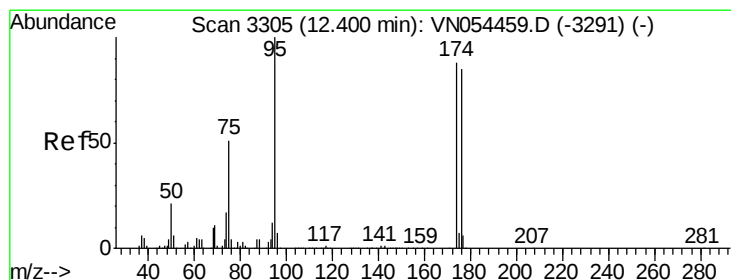
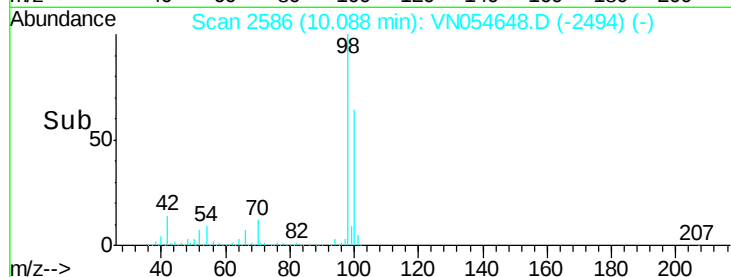
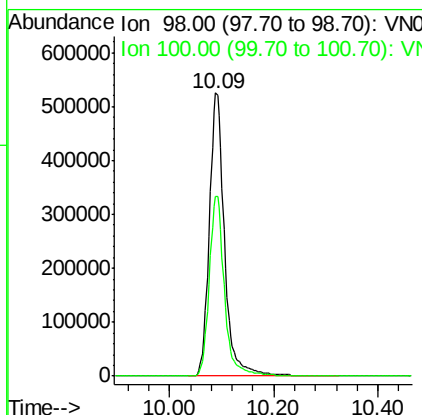
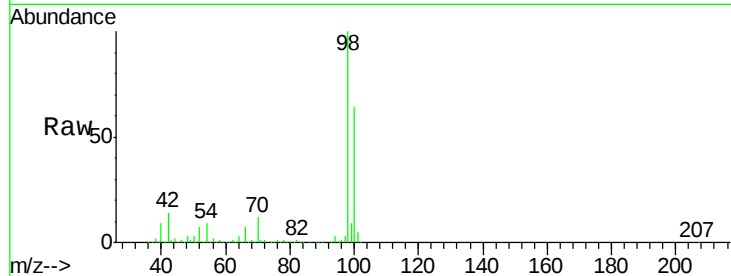




#50
Toluene-d8
Concen: 50.419 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN054648.D
Acq: 24 Mar 2019 15:15

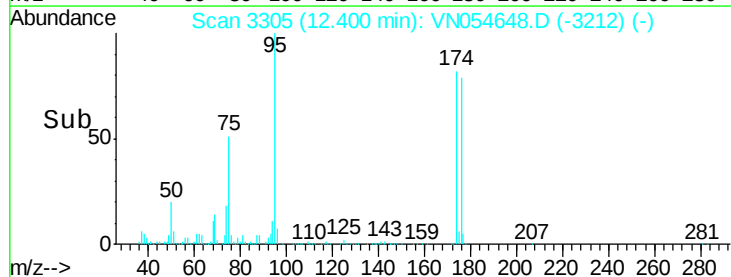
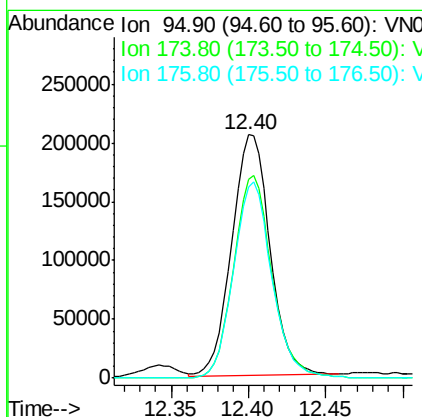
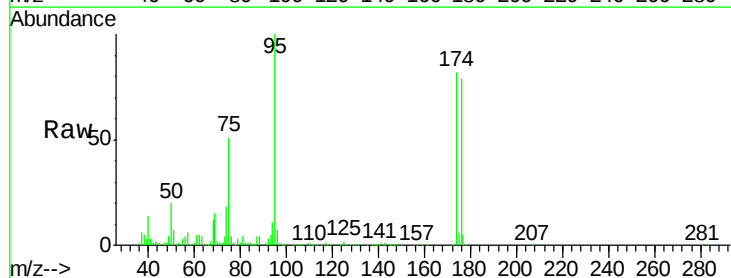
Instrument :
MSVOA_N
ClientSampleId :
WP022SB434-190320-(16-18)

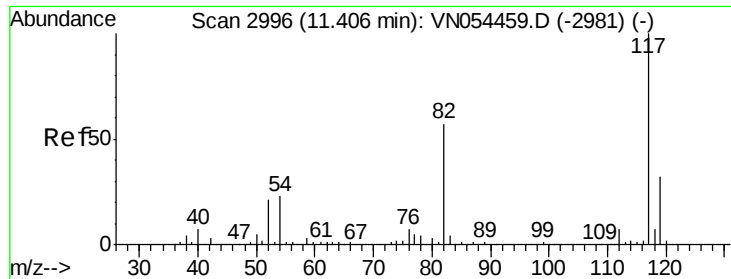
Tot Ion: 98 Resp: 1068840
Ion Ratio Lower Upper
98 100
100 63.9 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 48.729 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054648.D
Acq: 24 Mar 2019 15:15

Tgt Ion: 95 Resp: 351513
Ion Ratio Lower Upper
95 100
174 84.2 0.0 191.0
176 81.7 0.0 187.4

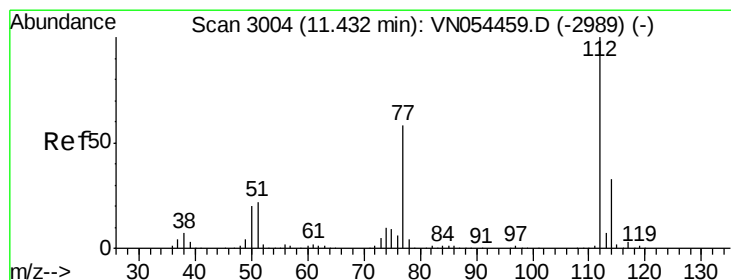
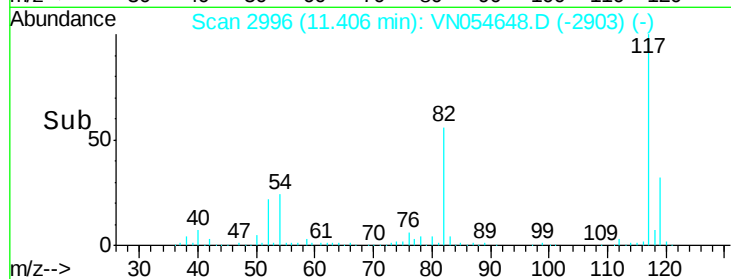
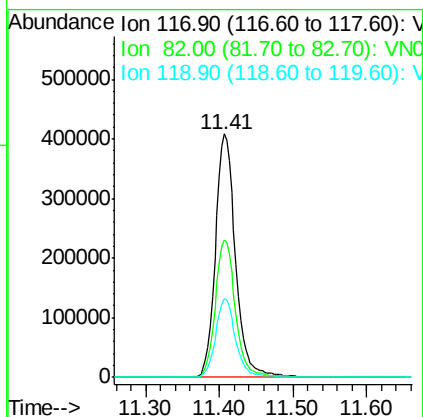
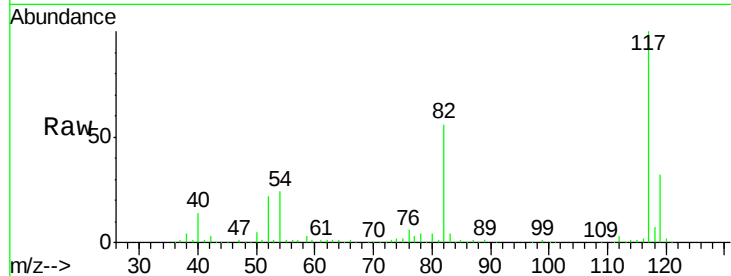




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054648.D
Acq: 24 Mar 2019 15:15

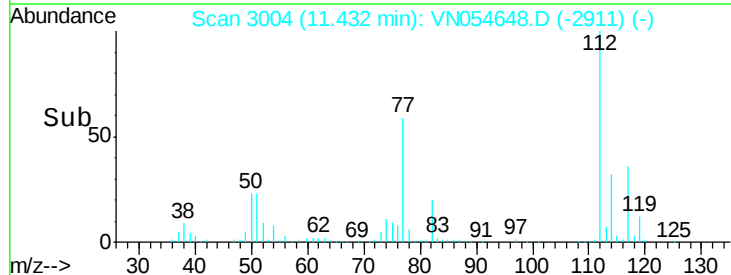
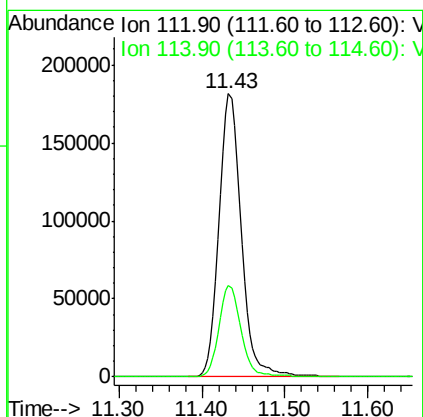
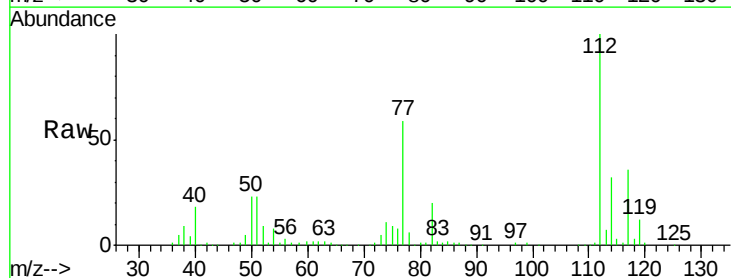
Instrument :
MSVOA_N
ClientSampleId :
WP022SB434-190320-(16-18)

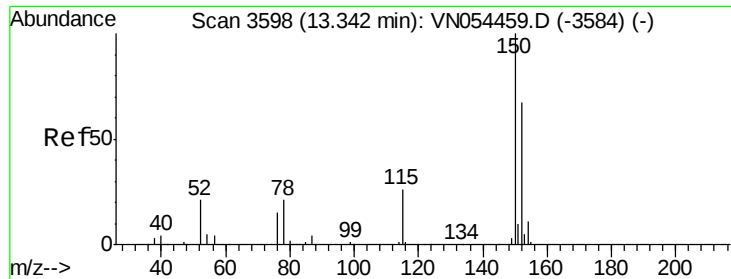
Tot Ion:117 Resp: 769159
Ion Ratio Lower Upper
117 100
82 56.4 40.0 60.0
119 32.1 25.8 38.6



#65
Chlorobenzene
Concen: 21.598 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054648.D
Acq: 24 Mar 2019 15:15

Tgt Ion:112 Resp: 337879
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054648.D

Acq: 24 Mar 2019 15:15

Instrument :

MSVOA_N

ClientSampleId :

WP022SB434-190320-(16-18)

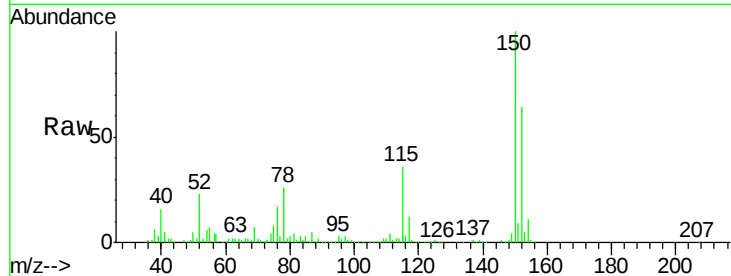
Tot Ion:152 Resp: 339595

Ion Ratio Lower Upper

152 100

115 56.4 27.2 81.6

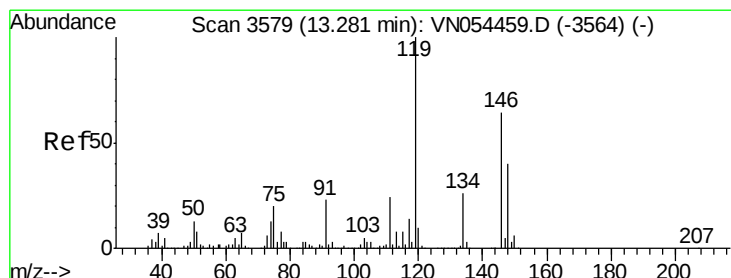
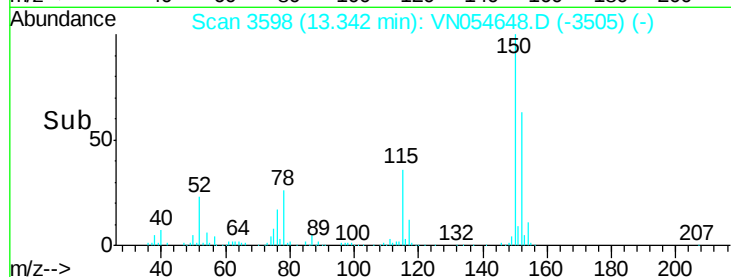
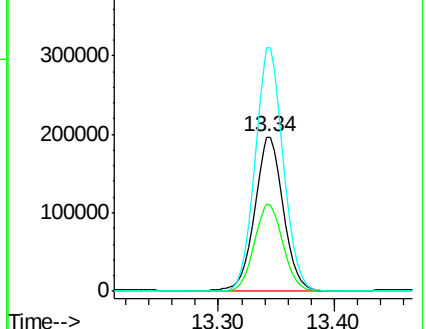
150 154.6 0.0 349.2



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



#87

1,3-Dichlorobenzene

Concen: 1.719 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN054648.D

Acq: 24 Mar 2019 15:15

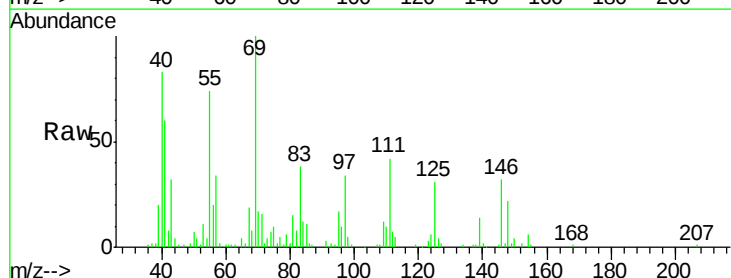
Tgt Ion:146 Resp: 19335

Ion Ratio Lower Upper

146 100

111 171.3 18.8 56.3#

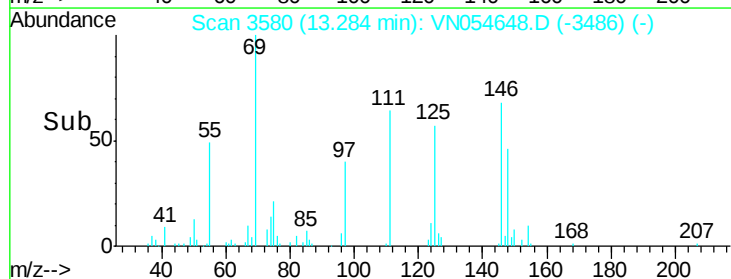
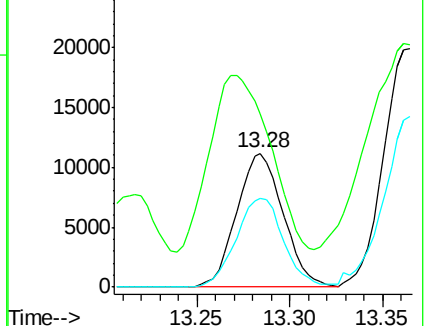
148 67.9 32.2 96.6

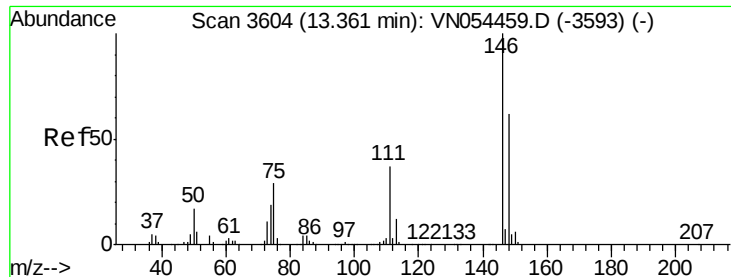


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

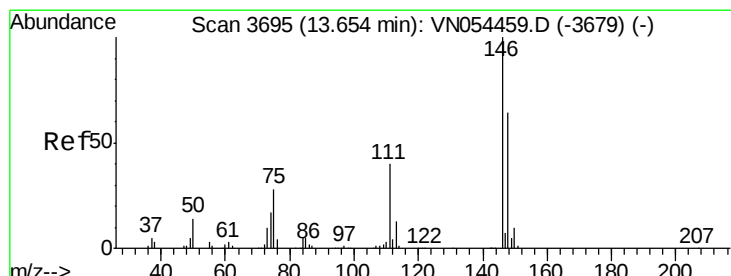
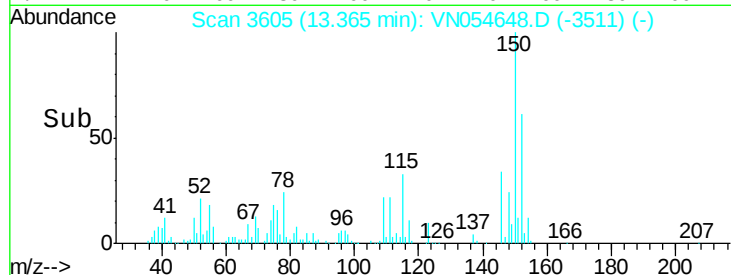
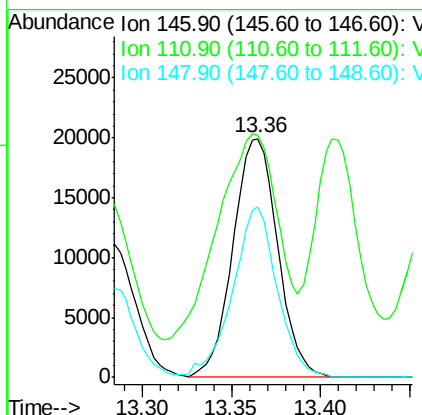
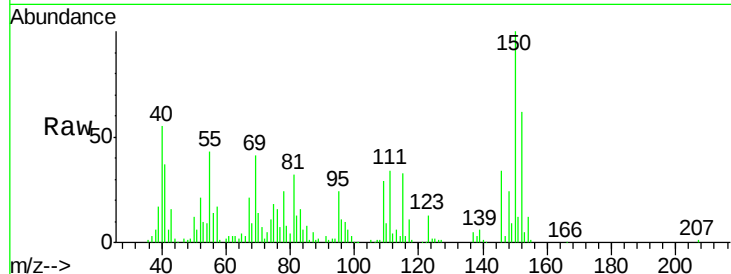




#88
 1,4-Dichlorobenzene
 Concen: 3.184 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054648.D
 Acq: 24 Mar 2019 15:15

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB434-190320-(16-18)

Tot Ion:146 Resp: 34847
 Ion Ratio Lower Upper
 146 100
 111 114.9 18.1 54.1#
 148 71.3 32.0 96.0



#91
 1,2-Dichlorobenzene
 Concen: 3.092 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN054648.D
 Acq: 24 Mar 2019 15:15

Tgt Ion:146 Resp: 33686
 Ion Ratio Lower Upper
 146 100
 111 83.1 19.1 57.3#
 148 59.1 32.4 97.0

