

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031819\
 Data File : VN054420.D
 Acq On : 19 Mar 2019 4:07
 Operator : JC/SP
 Sample : K1970-07 10X
 Misc : 5.51g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P-7-WEST-WALL-SOUTH

Quant Time: Mar 19 07:41:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

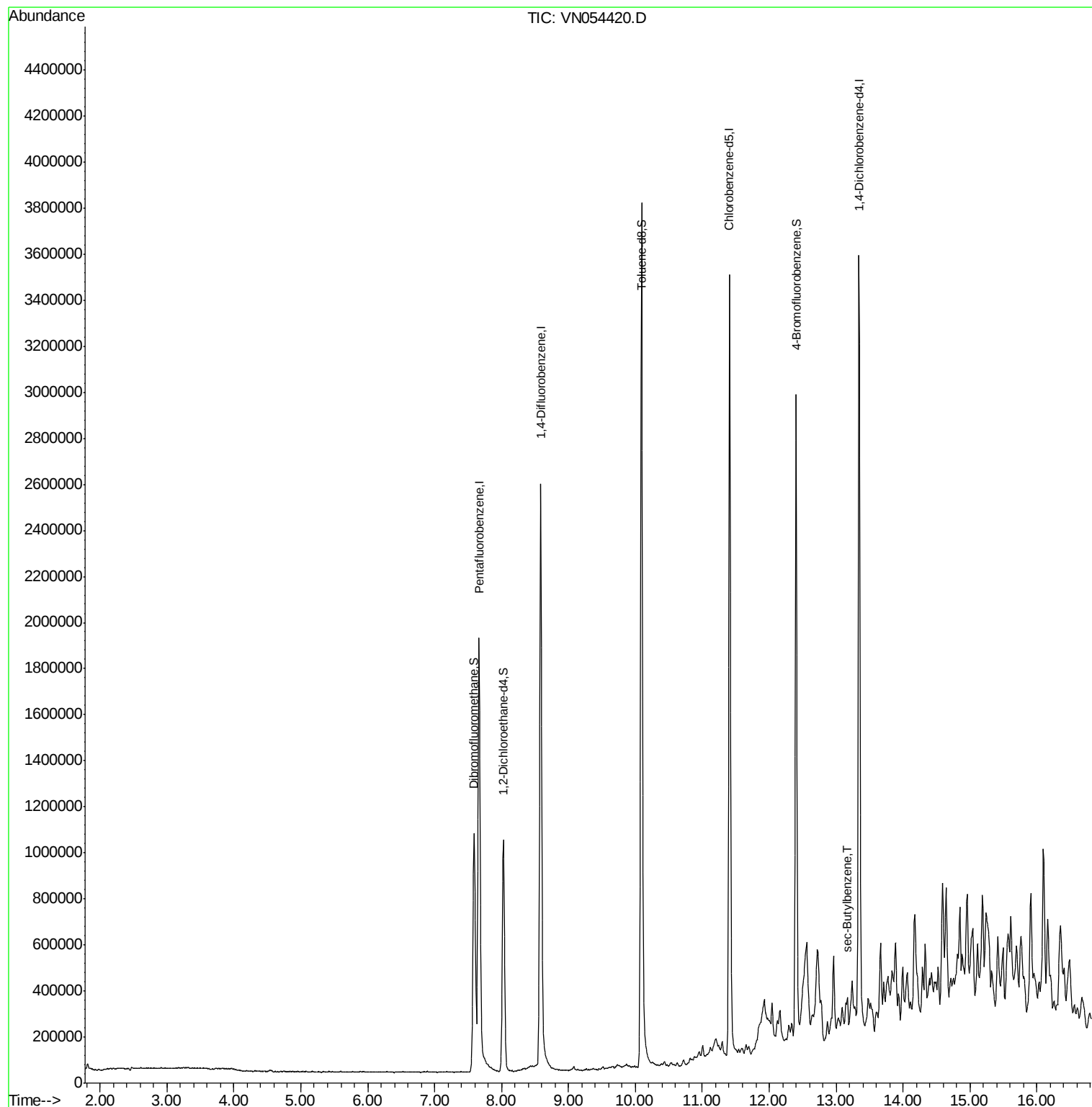
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1877768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2663522	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2283175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	987966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	877887	44.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.04%	
35) Dibromofluoromethane	7.59	113	788487	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
50) Toluene-d8	10.09	98	3098721	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	12.40	95	982419	44.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.52%	
Target Compounds						
85) sec-Butylbenzene	13.17	105	66487	0.847	ug/l	Qvalue 83

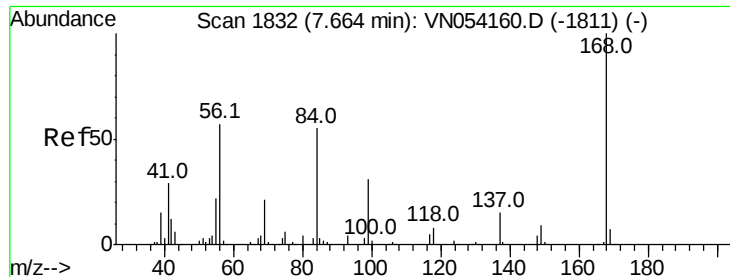
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054420.D

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Instrument :

MSVOA_N

ClientSampleId :

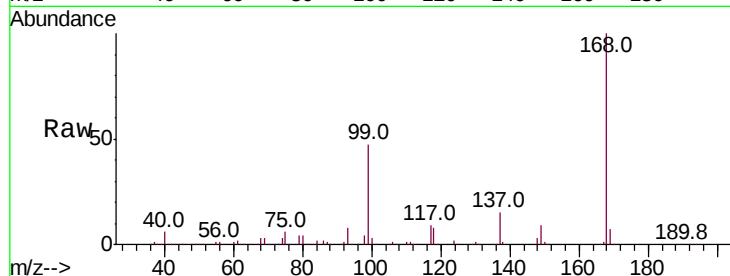
P-7-WEST-WALL-SOUTH

Tot Ion:168 Resp: 1877768

Ion Ratio Lower Upper

168 100

99 47.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

800000

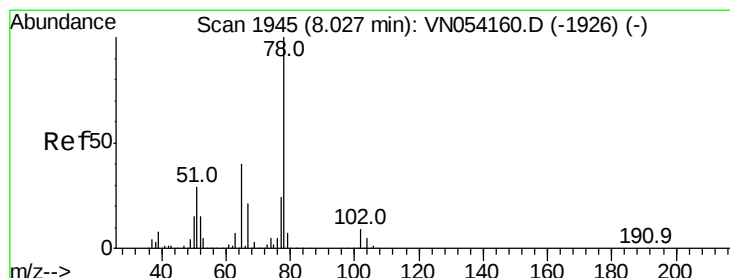
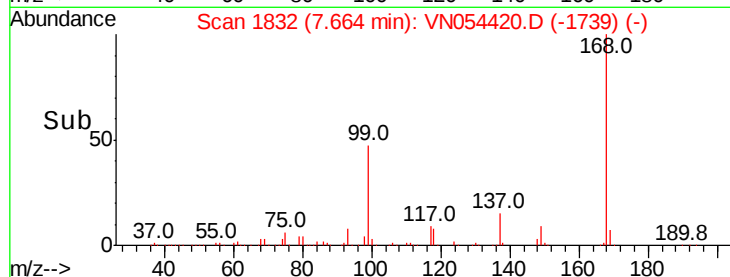
600000

400000

200000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.022 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054420.D

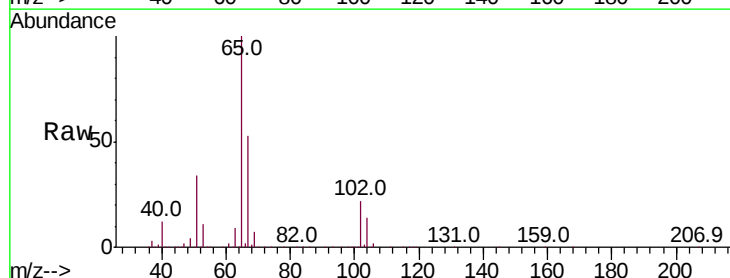
Acq: 19 Mar 2019 4:07

Tgt Ion: 65 Resp: 877887

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

400000

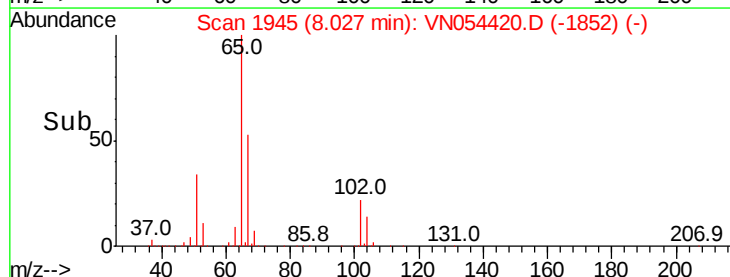
300000

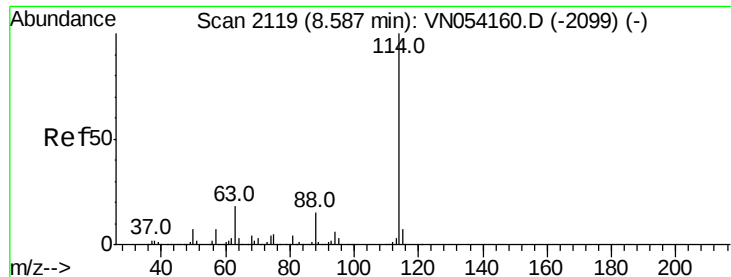
200000

100000

0

Time-->



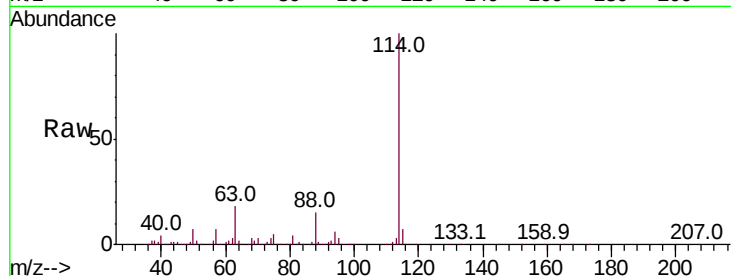


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054420.D
 Acq: 19 Mar 2019 4:07

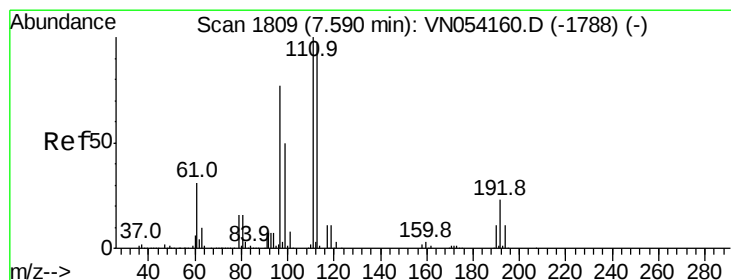
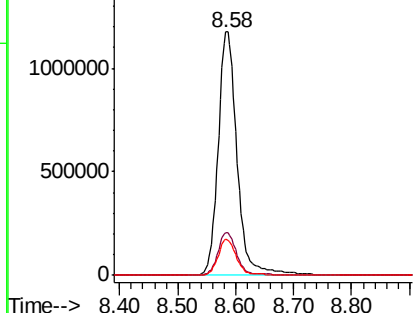
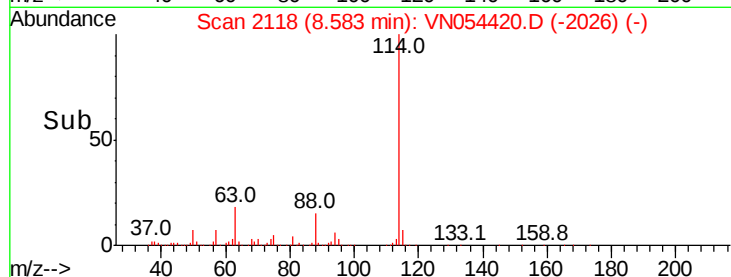
Instrument :
 MSVOA_N
 ClientSampleId :
 P-7-WEST-WALL-SOUTH

Tot Ion:114 Resp: 2663522

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.2
88	14.8	0.0	30.2



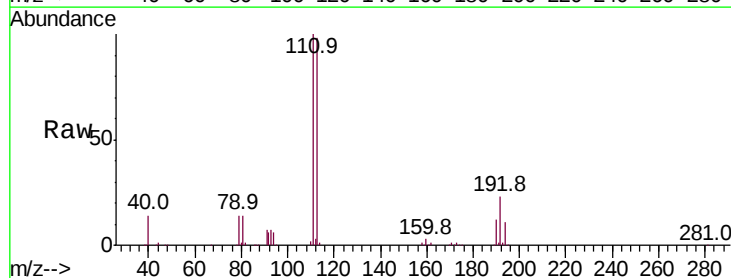
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



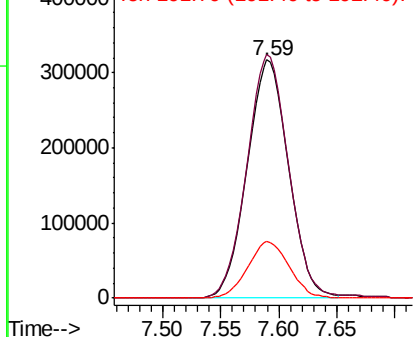
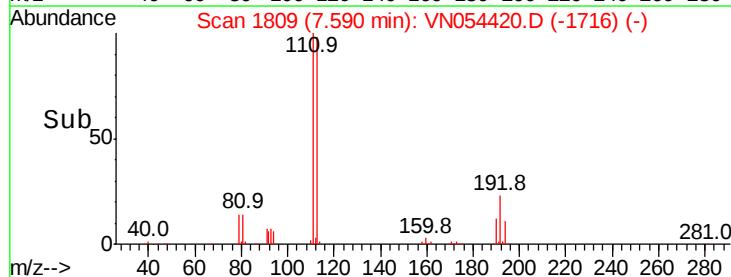
#35
 Dibromofluoromethane
 Concen: 45.899 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054420.D
 Acq: 19 Mar 2019 4:07

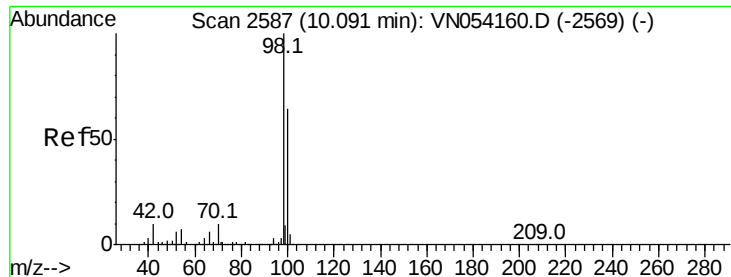
Tgt Ion:113 Resp: 788487

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	23.9	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: 48.843 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054420.D

Acq: 19 Mar 2019 4:07

Instrument :

MSVOA_N

ClientSampleId :

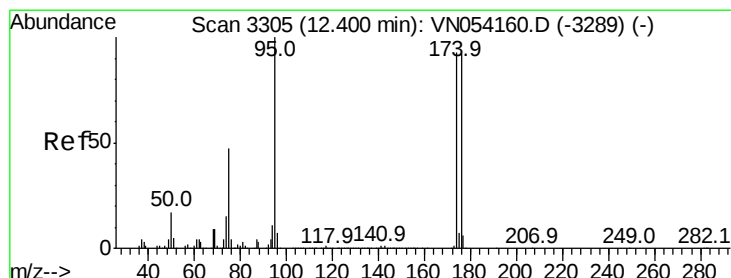
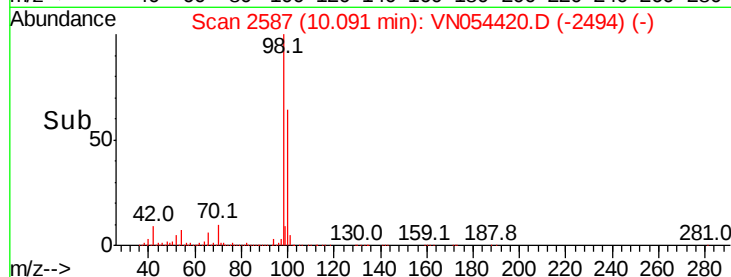
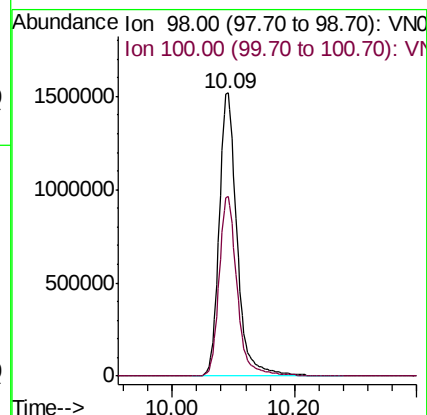
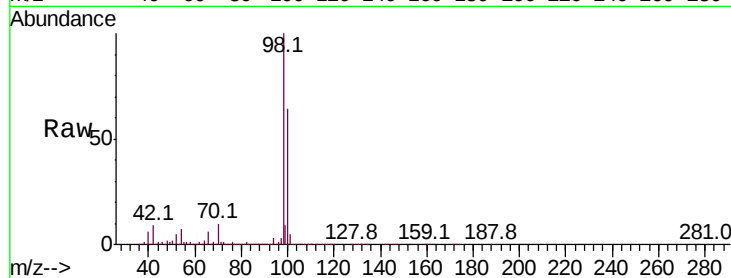
P-7-WEST-WALL-SOUTH

Tot Ion: 98 Resp: 3098721

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.255 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054420.D

Acq: 19 Mar 2019 4:07

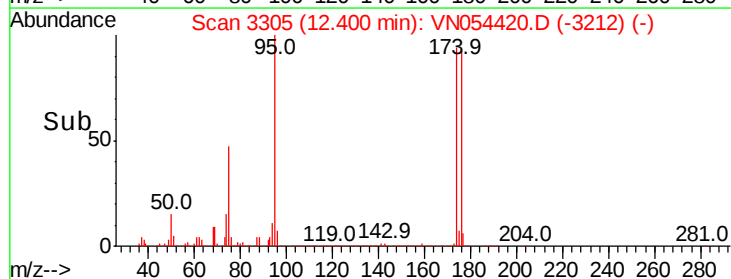
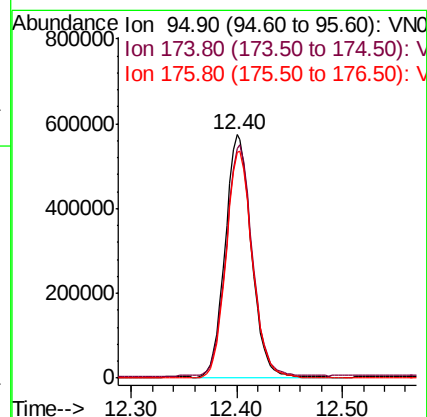
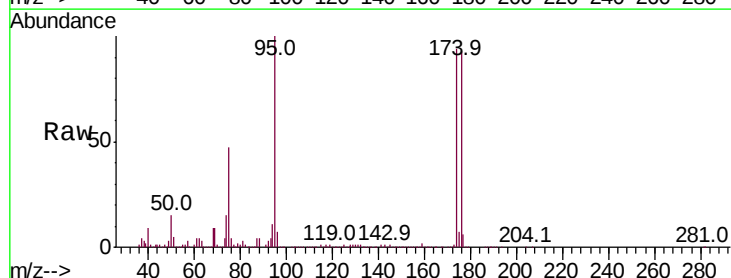
Tgt Ion: 95 Resp: 982419

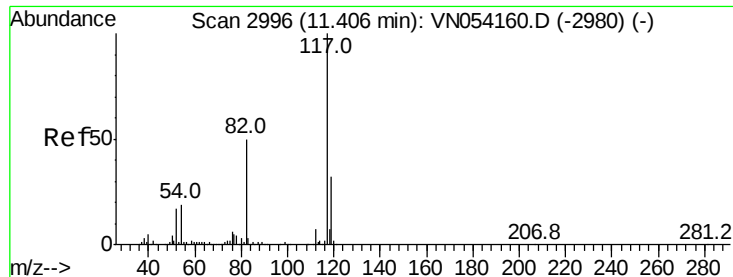
Ion Ratio Lower Upper

95 100

174 96.7 0.0 191.0

176 94.5 0.0 187.4

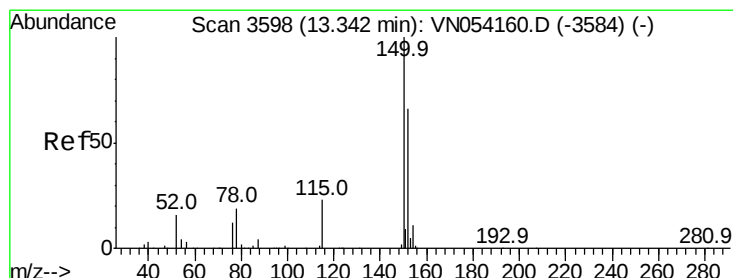
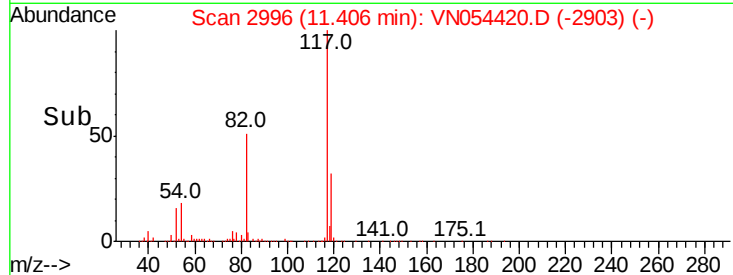
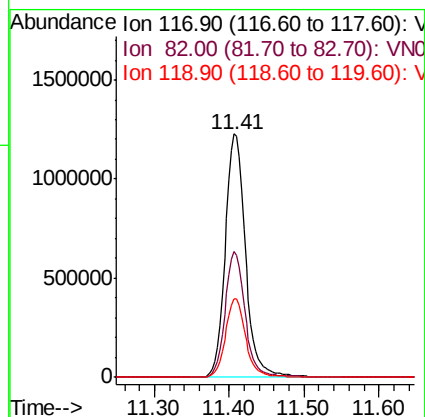
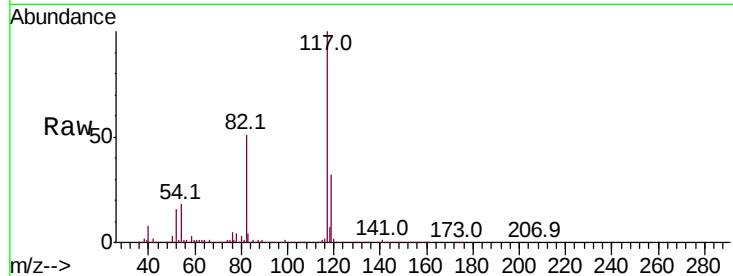




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054420.D
Acq: 19 Mar 2019 4:07

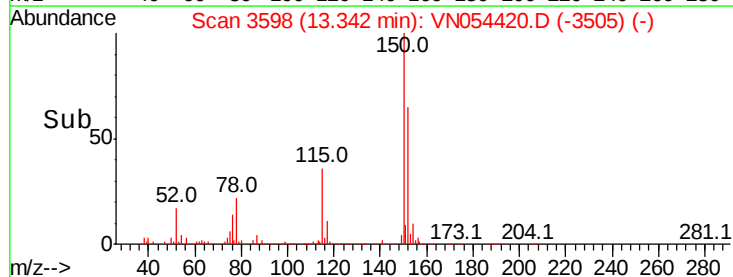
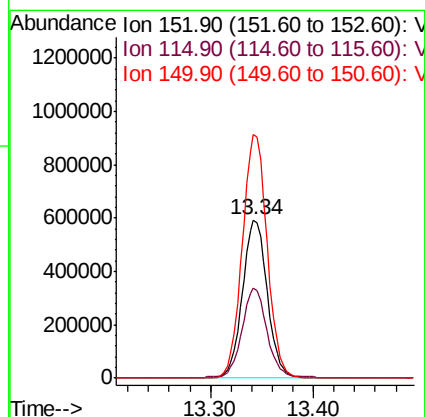
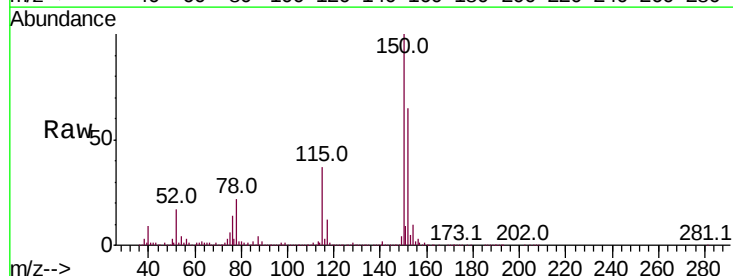
Instrument :
MSVOA_N
ClientSampleId :
P-7-WEST-WALL-SOUTH

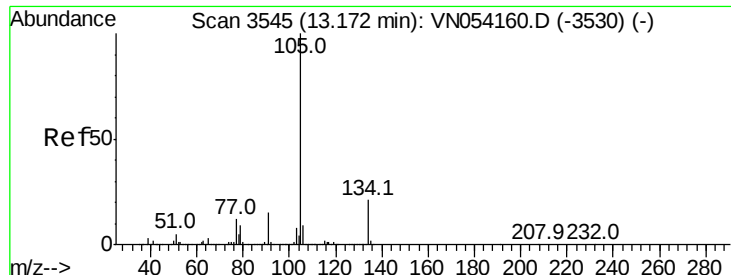
Tot Ion:117 Resp: 2283175
Ion Ratio Lower Upper
117 100
82 51.4 40.0 60.0
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054420.D
Acq: 19 Mar 2019 4:07

Tgt Ion:152 Resp: 987966
Ion Ratio Lower Upper
152 100
115 56.6 27.2 81.6
150 154.2 0.0 349.2





#85

sec-Butylbenzene

Concen: 0.847 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054420.D

Acq: 19 Mar 2019 4:07

Instrument :

MSVOA_N

ClientSampleId :

P-7-WEST-WALL-SOUTH

Tot Ion:105 Resp: 66487

Ion Ratio Lower Upper

105 100

134 29.6 10.7 32.1

