

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
 Data File : VN054423.D
 Acq On : 19 Mar 2019 5:29
 Operator : JC/SP
 Sample : K1970-04 10X
 Misc : 6.33g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P-4-E.WALL-S.CENTER

Quant Time: Mar 19 07:59:00 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

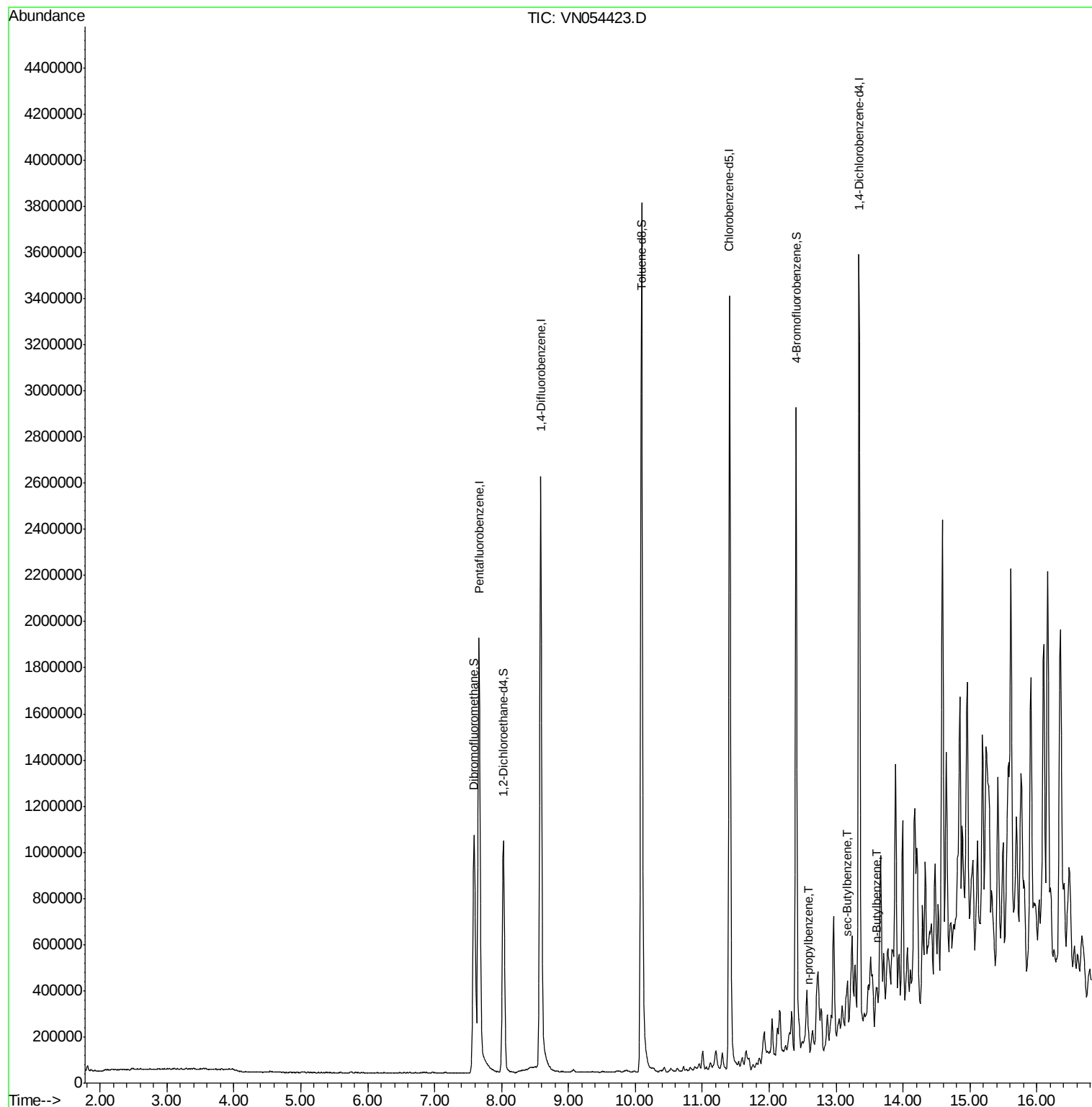
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1906800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2705880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2284311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1017642	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	862555	42.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.18%	
35) Dibromofluoromethane	7.59	113	805531	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.32%	
50) Toluene-d8	10.09	98	3105807	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.40	95	981580	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.06%	
Target Compounds						
78) n-propylbenzene	12.59	91	44404	0.503	ug/l	95
85) sec-Butylbenzene	13.17	105	103953	1.286	ug/l	91
89) n-Butylbenzene	13.61	91	76390	1.418	ug/l #	79

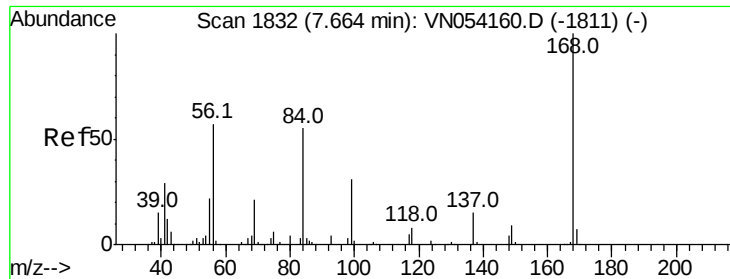
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN054423.D

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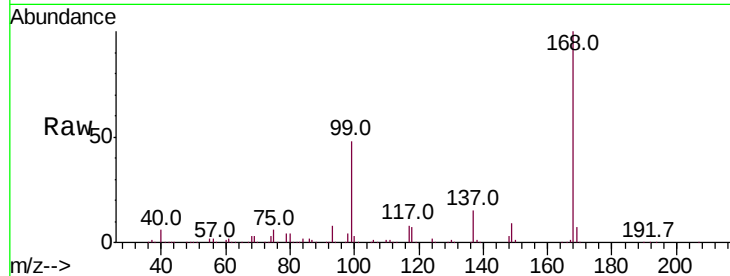
Instrument :
MSVOA_N
ClientSampleId :
P-4-E.WALL-S.CENTER

Tot Ion:168 Resp: 1906800

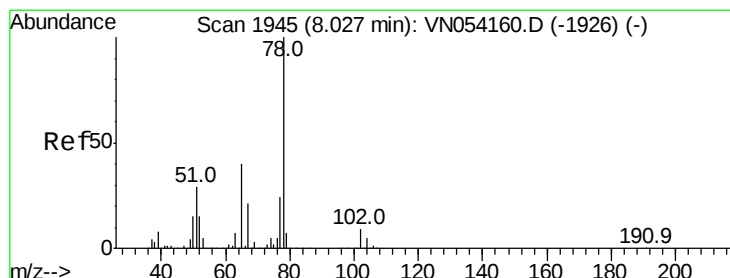
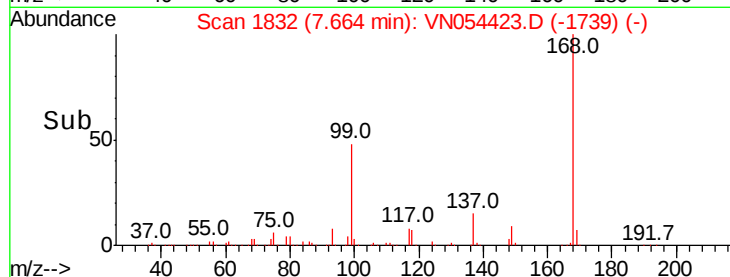
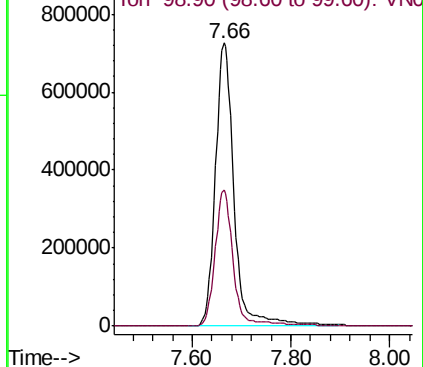
Ion Ratio Lower Upper

168 100

99 47.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 42.595 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054423.D

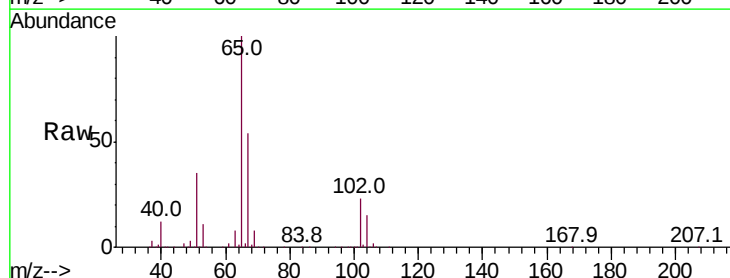
Acq: 19 Mar 2019 5:29

Tgt Ion: 65 Resp: 862555

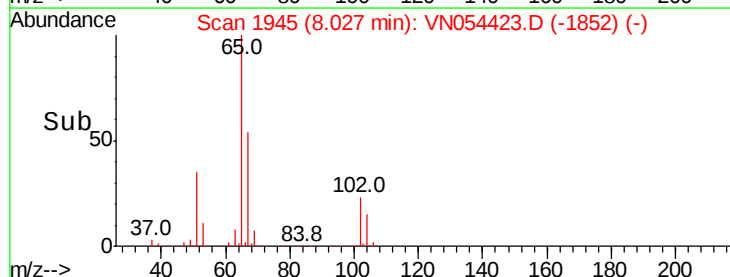
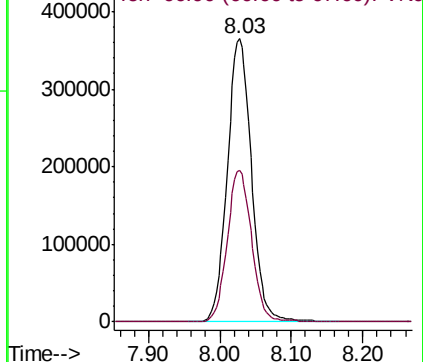
Ion Ratio Lower Upper

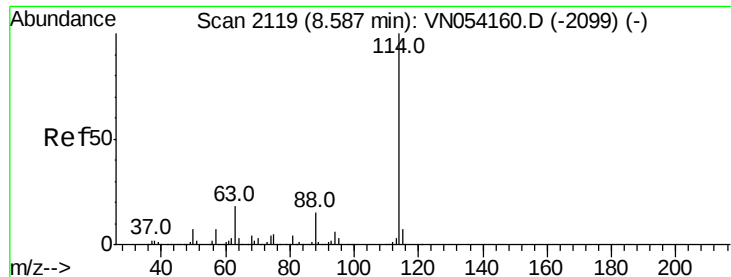
65 100

67 53.9 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

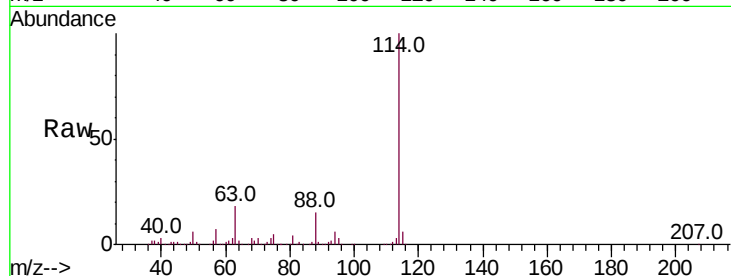




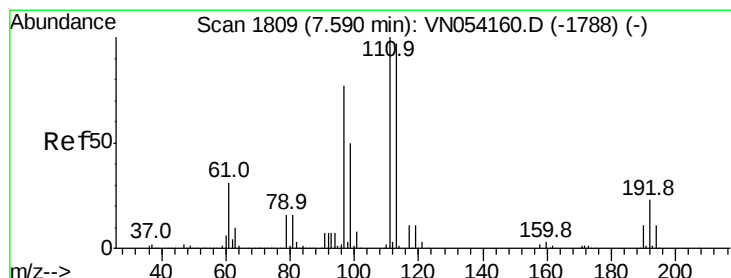
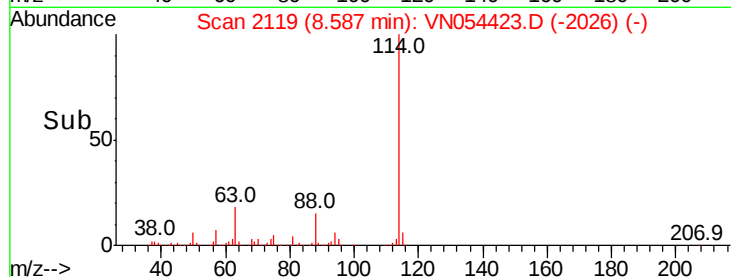
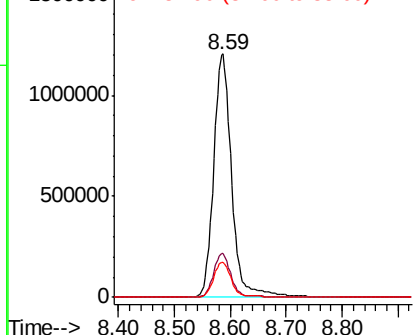
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054423.D
Acq: 19 Mar 2019 5:29

Instrument :
MSVOA_N
ClientSampleId :
P-4-E.WALL-S.CENTER

Tot Ion:114 Resp: 2705880
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.2
88 14.6 0.0 30.2

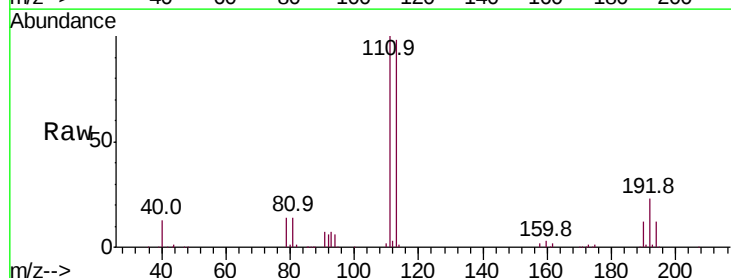


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

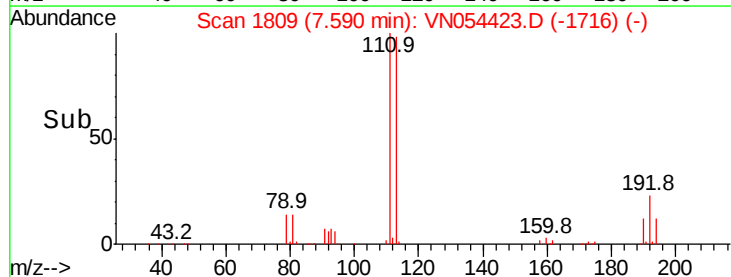
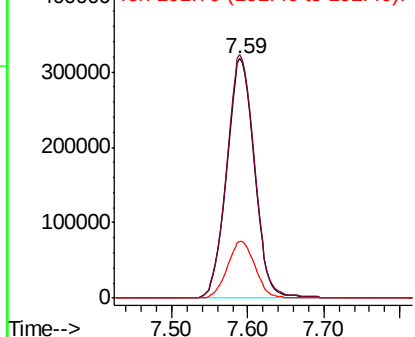


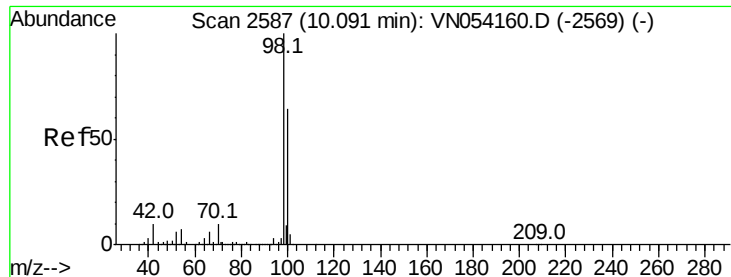
#35
Dibromofluoromethane
Concen: 46.157 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054423.D
Acq: 19 Mar 2019 5:29

Tgt Ion:113 Resp: 805531
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 23.7 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: 48.188 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054423.D

Acq: 19 Mar 2019 5:29

Instrument :

MSVOA_N

ClientSampleId :

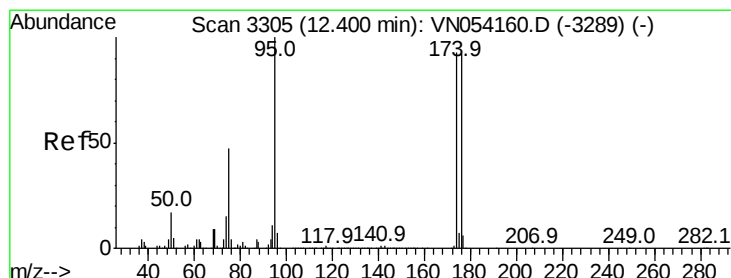
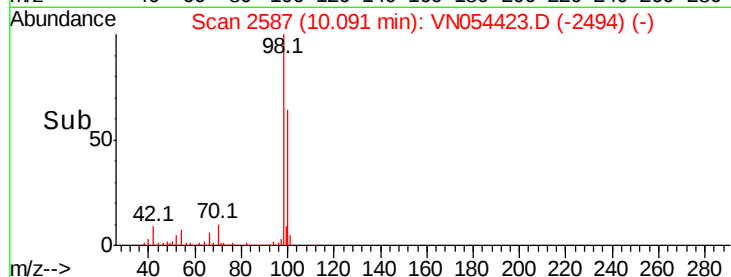
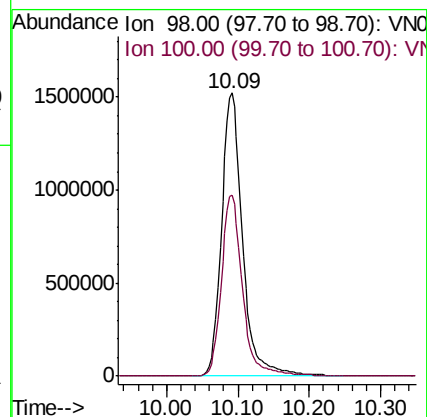
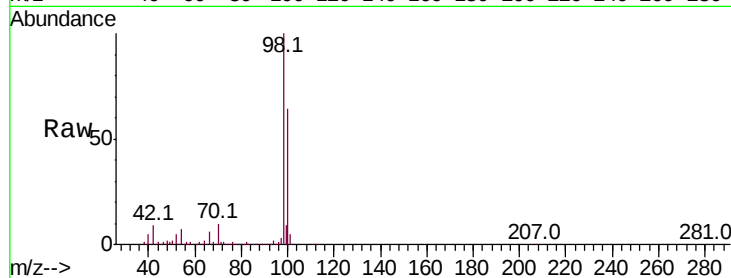
P-4-E.WALL-S.CENTER

Tot Ion: 98 Resp: 3105807

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 43.525 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054423.D

Acq: 19 Mar 2019 5:29

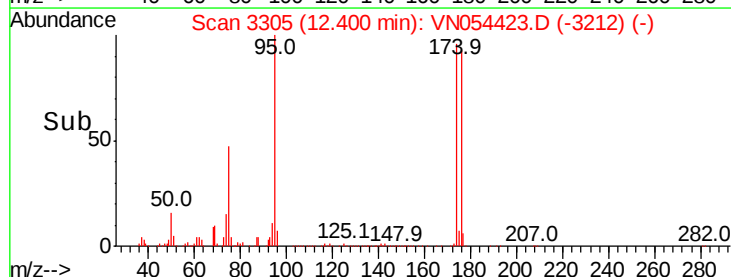
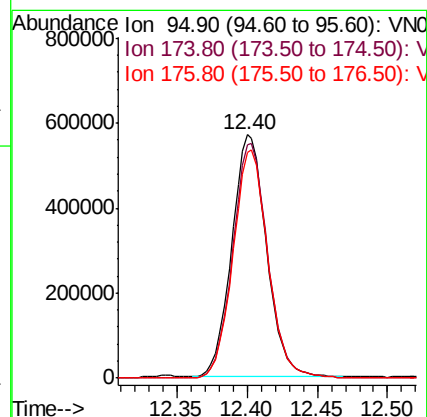
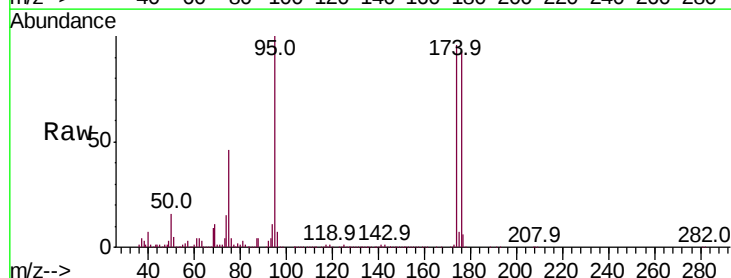
Tgt Ion: 95 Resp: 981580

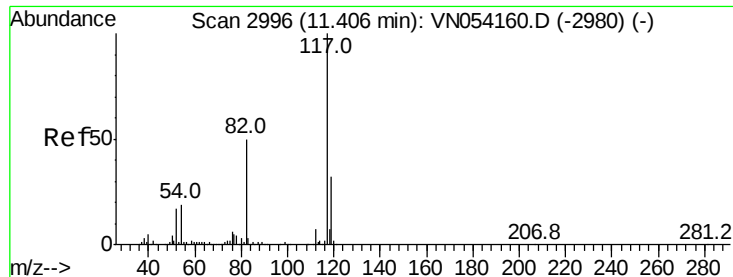
Ion Ratio Lower Upper

95 100

174 97.6 0.0 191.0

176 94.9 0.0 187.4

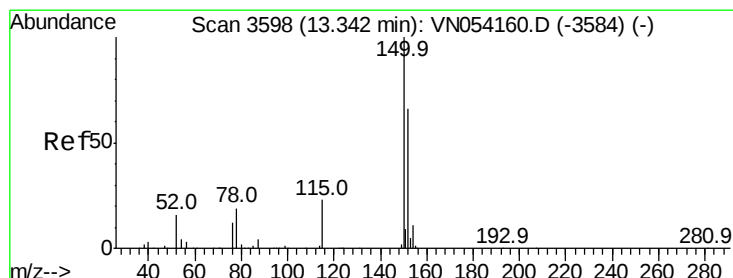
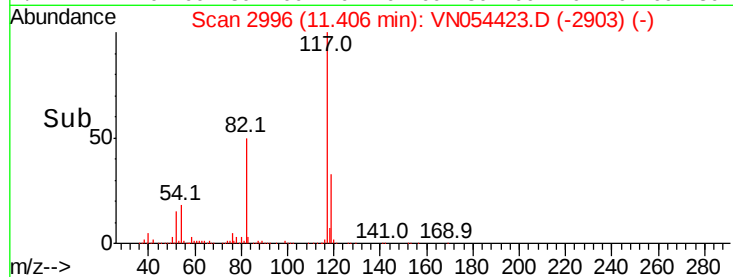
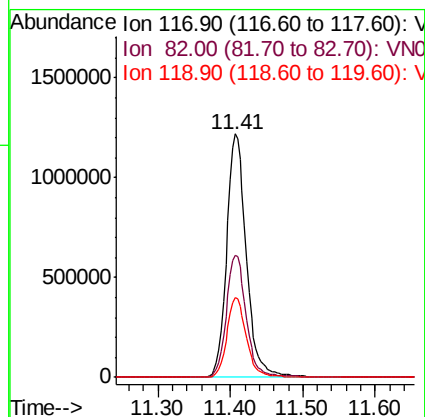
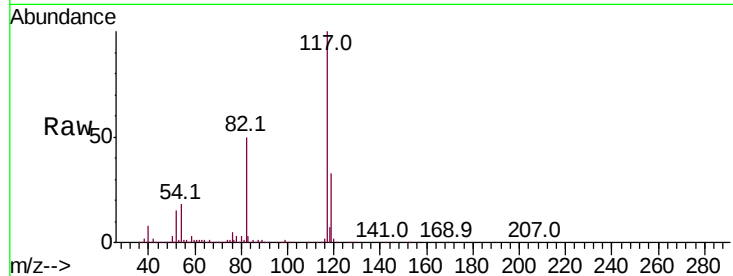




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054423.D
Acq: 19 Mar 2019 5:29

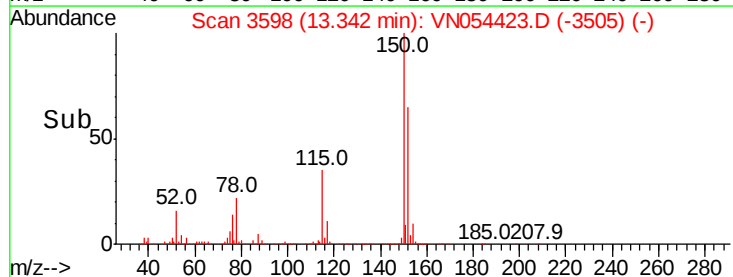
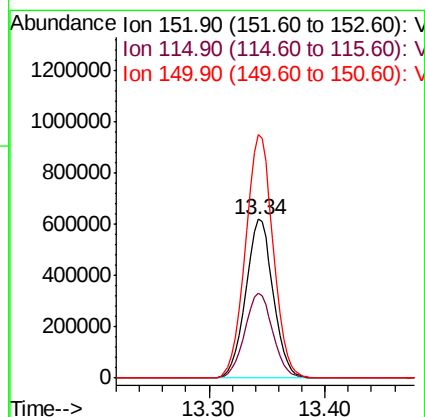
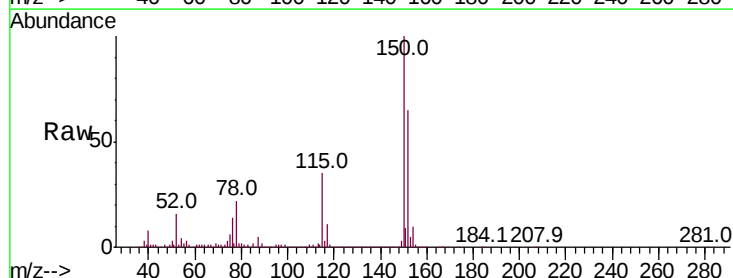
Instrument :
MSVOA_N
ClientSampleId :
P-4-E.WALL-S.CENTER

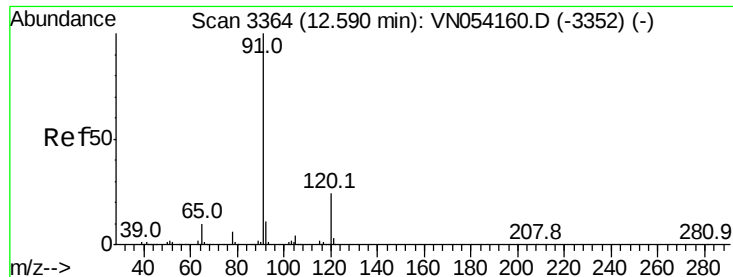
Tot Ion:117 Resp: 2284311
Ion Ratio Lower Upper
117 100
82 50.3 40.0 60.0
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054423.D
Acq: 19 Mar 2019 5:29

Tgt Ion:152 Resp: 1017642
Ion Ratio Lower Upper
152 100
115 54.0 27.2 81.6
150 154.2 0.0 349.2





#78

n-propylbenzene

Concen: 0.503 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN054423.D

Acq: 19 Mar 2019 5:29

Instrument :

MSVOA_N

ClientSampleId :

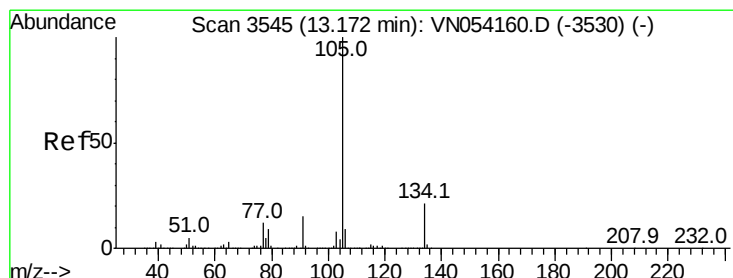
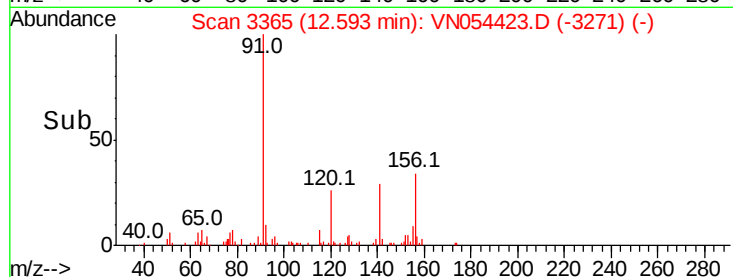
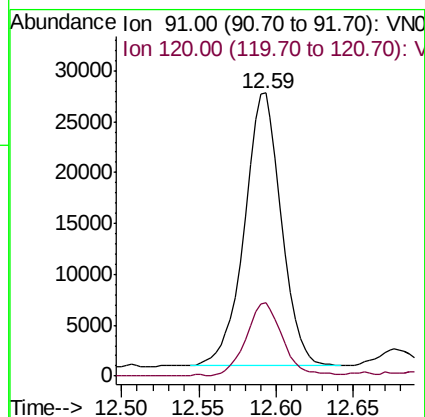
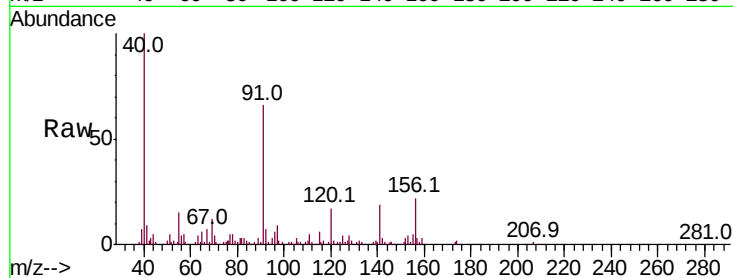
P-4-E.WALL-S.CENTER

Tot Ion: 91 Resp: 44404

Ion Ratio Lower Upper

91 100

120 27.1 12.3 36.9



#85

sec-Butylbenzene

Concen: 1.286 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054423.D

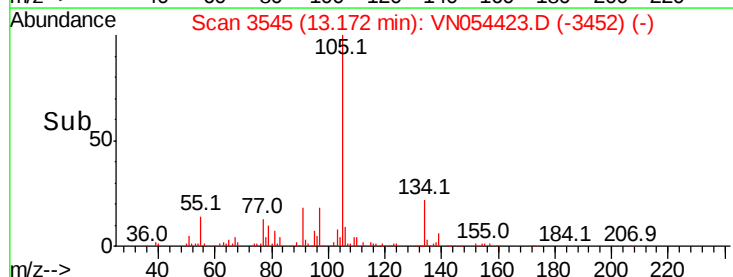
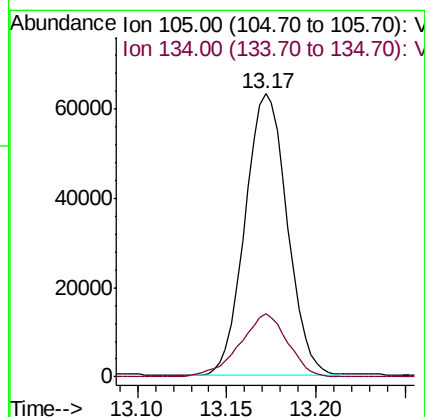
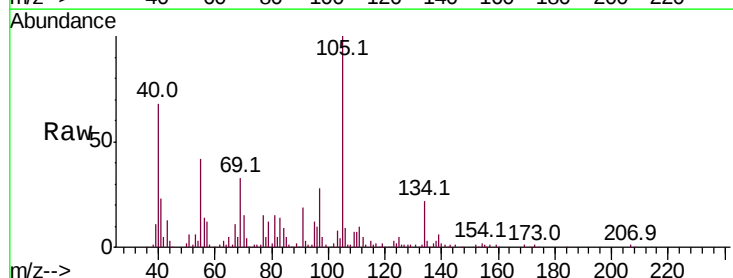
Acq: 19 Mar 2019 5:29

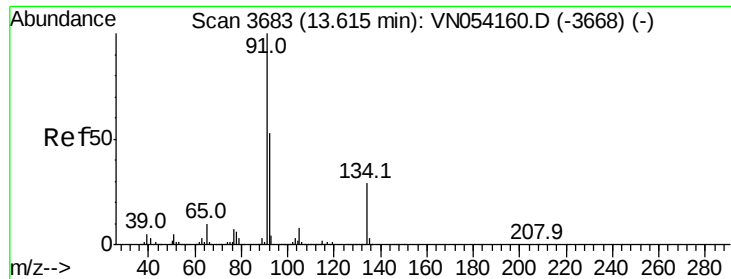
Tgt Ion: 105 Resp: 103953

Ion Ratio Lower Upper

105 100

134 25.6 10.7 32.1





#89

n-Butylbenzene

Concen: 1.418 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN054423.D

Acq: 19 Mar 2019 5:29

Instrument :

MSVOA_N

ClientSampleId :

P-4-E.WALL-S.CENTER

Tot Ion: 91 Resp: 76390

Ion Ratio Lower Upper

91 100

92 47.2 26.2 78.6

134 53.5 14.3 42.9#

