

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054293.D
 Acq On : 15 Mar 2019 6:23
 Operator : JC/SP
 Sample : K1902-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30282

Quant Time: Mar 15 07:36:54 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	7.67	168	1234531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2166290	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2240680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	897380	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	692780	52.84	ug/l	0.00
Spiked Amount						
			Recovery	=	105.68%	
35) Dibromofluoromethane	7.59	113	668266	47.83	ug/l	0.00
Spiked Amount						
			Recovery	=	95.66%	
50) Toluene-d8	10.09	98	2689057	52.11	ug/l	0.00
Spiked Amount						
			Recovery	=	104.22%	
62) 4-Bromofluorobenzene	12.40	95	987530	54.70	ug/l	0.00
Spiked Amount						
			Recovery	=	109.40%	

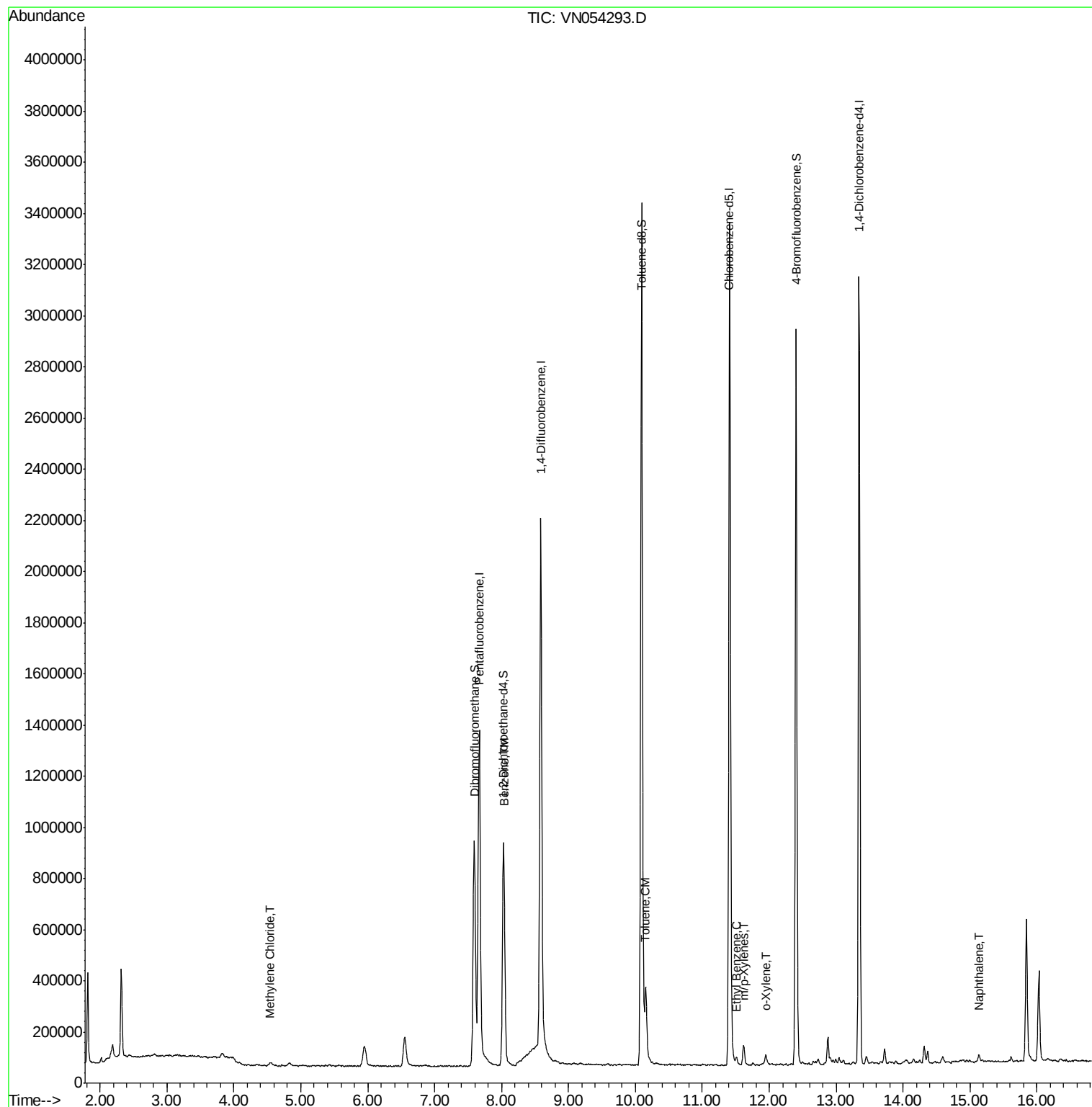
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.54	84	8774	0.712	ug/l	95
40) Benzene	8.04	78	141593	2.480	ug/l	98
52) Toluene	10.16	92	115672	3.196	ug/l	99
67) Ethyl Benzene	11.51	91	17224	0.211	ug/l	91
68) m/p-Xylenes	11.62	106	27875	0.874	ug/l	99
69) o-Xylene	11.95	106	9970	0.321	ug/l	97
95) Naphthalene	15.13	128	24770	4.055	ug/l	95

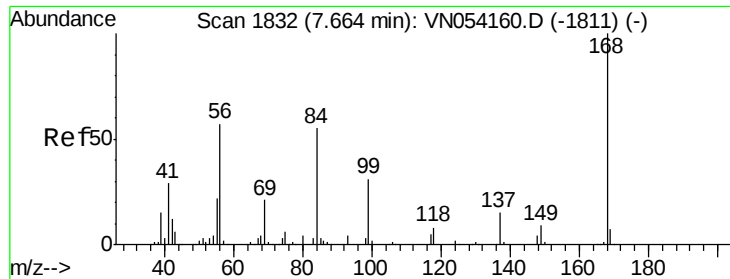
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054293.D

Acq: 15 Mar 2019 6:23

Instrument :

MSVOA_N

ClientSampleId :

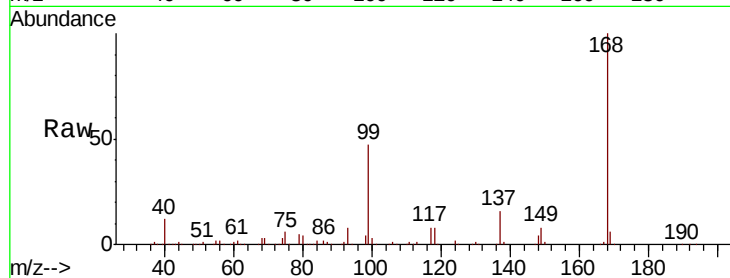
30282

Tgt Ion:168 Resp: 1234531

Ion Ratio Lower Upper

168 100

99 47.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

600000

500000

400000

300000

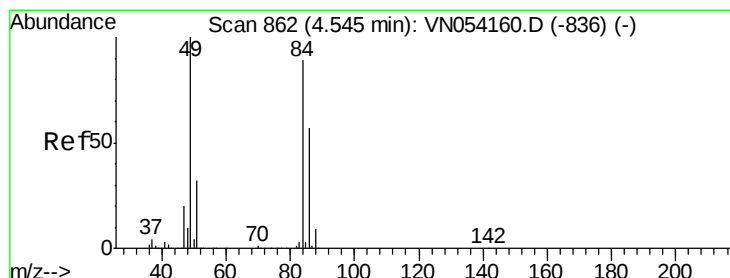
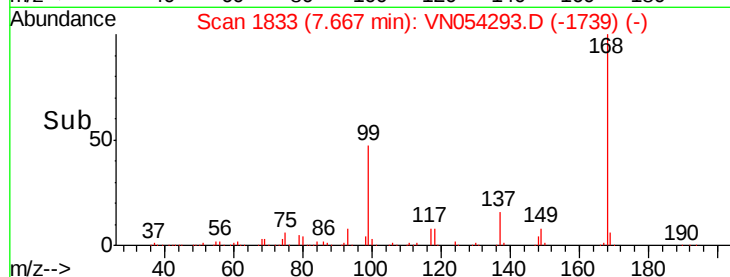
200000

100000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#20

Methylene Chloride

Concen: 0.712 ug/l

RT: 4.54 min Scan# 861

Delta R.T. -0.00 min

Lab File: VN054293.D

Acq: 15 Mar 2019 6:23

Tgt Ion: 84 Resp: 8774

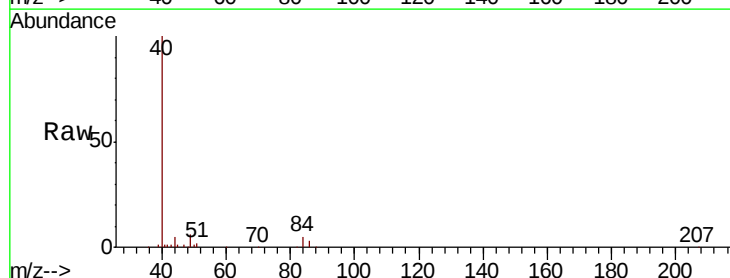
Ion Ratio Lower Upper

84 100

49 114.1 89.7 134.5

51 35.4 28.2 42.4

86 53.1 50.8 76.2



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

5000

4000

3000

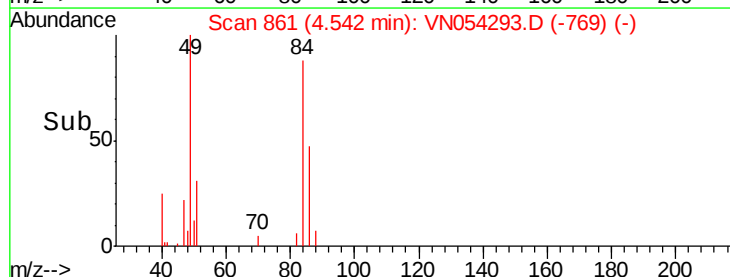
2000

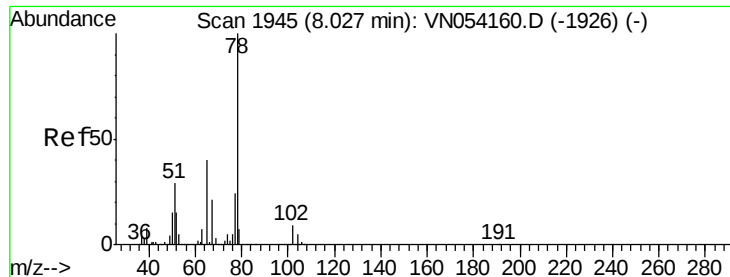
1000

0

Time-->

4.45 4.50 4.55 4.60 4.65

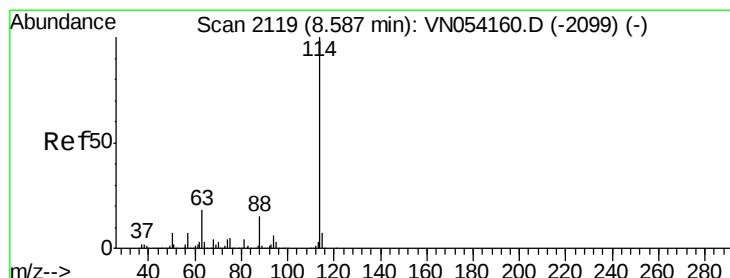
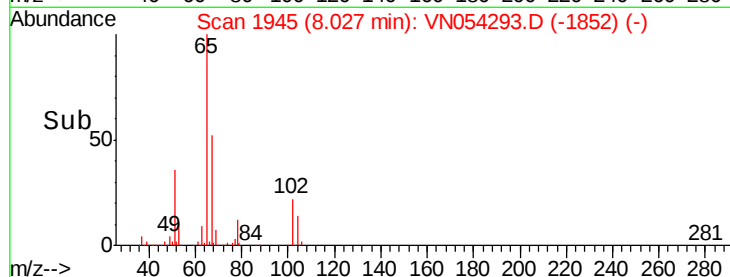
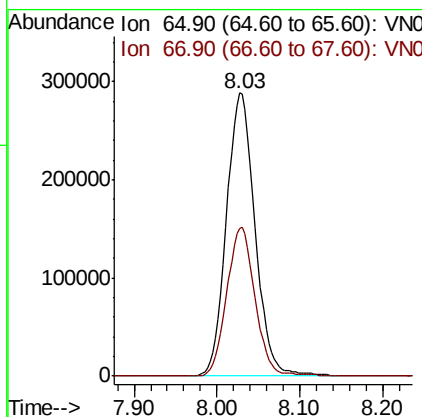
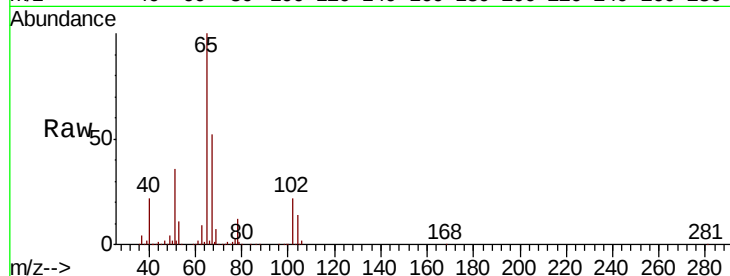




#33
 1,2-Dichloroethane-d4
 Concen: 52.841 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054293.D
 Acq: 15 Mar 2019 6:23

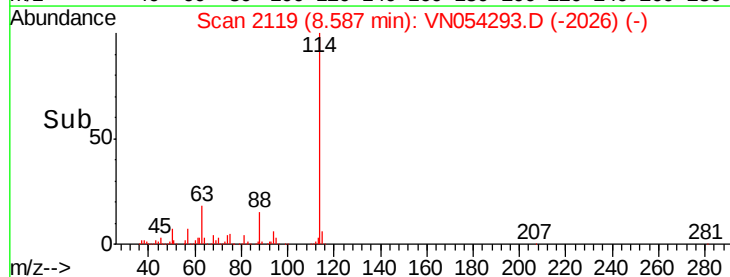
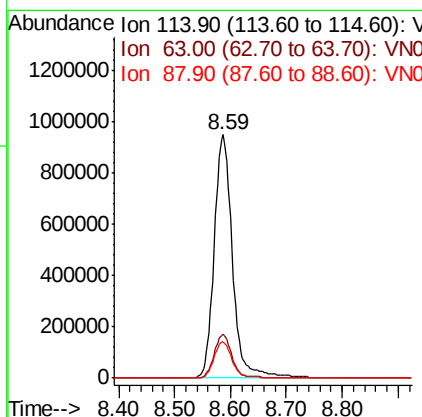
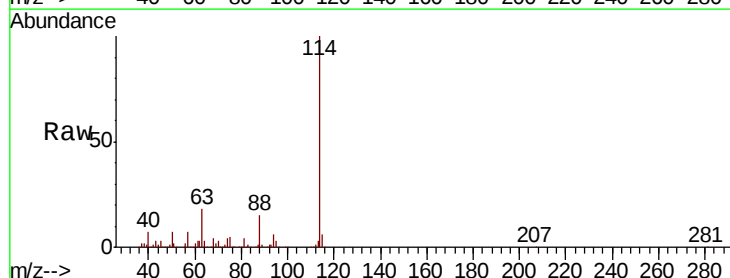
Instrument :
 MSVOA_N
 ClientSampleId :
 30282

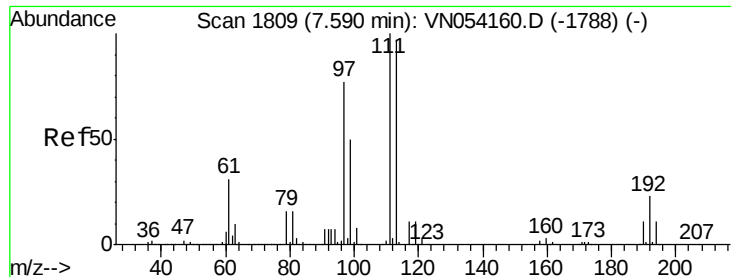
Tgt Ion: 65 Resp: 692780
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054293.D
 Acq: 15 Mar 2019 6:23

Tgt Ion: 114 Resp: 2166290
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.2
 88 15.2 0.0 30.2

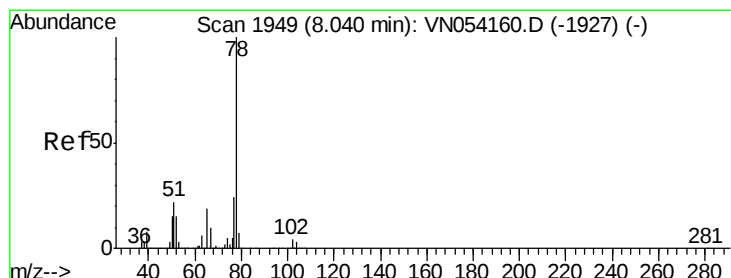
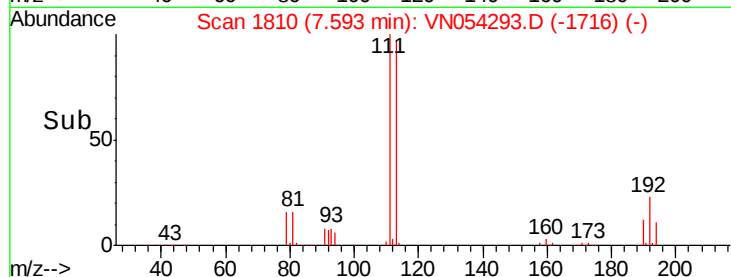
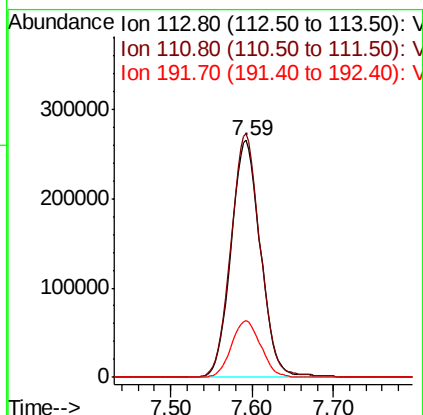
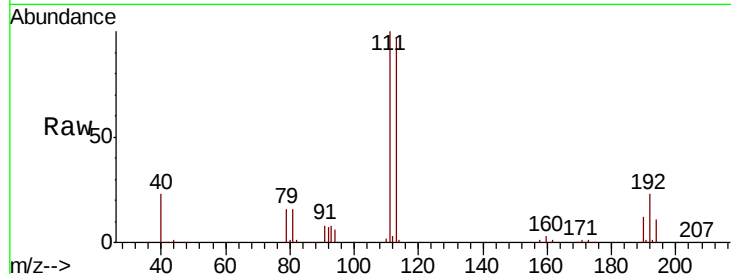




#35
 Dibromofluoromethane
 Concen: 47.830 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054293.D
 Acq: 15 Mar 2019 6:23

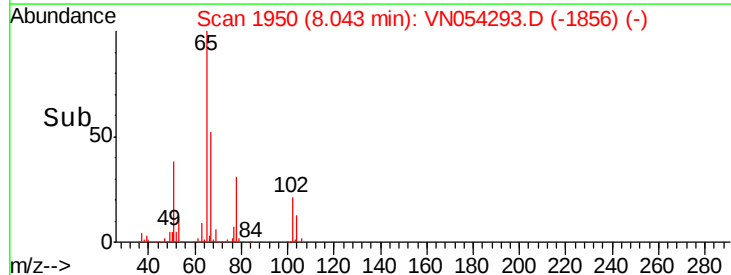
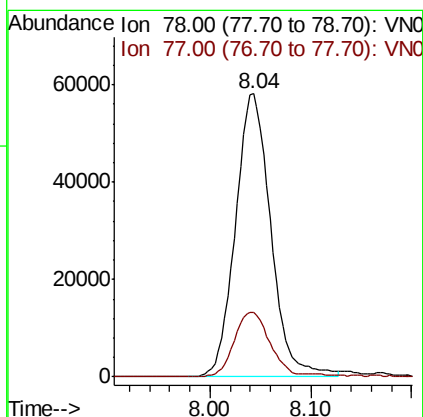
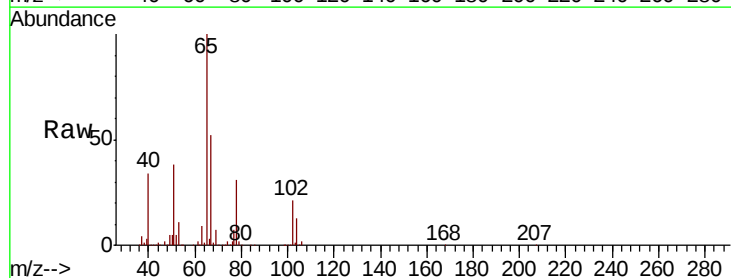
Instrument :
 MSVOA_N
 ClientSampled :
 30282

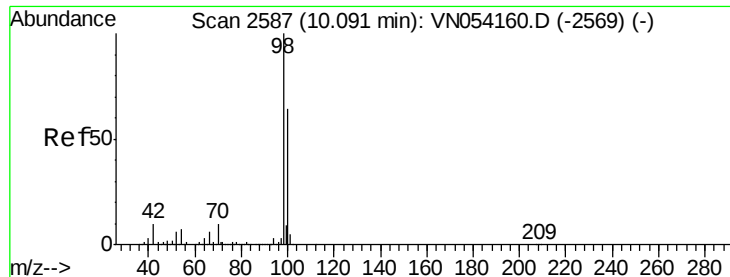
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.2	123.4
192	24.0	19.2	28.8



#40
 Benzene
 Concen: 2.480 ug/l
 RT: 8.04 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: VN054293.D
 Acq: 15 Mar 2019 6:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.1	28.7





#50

Toluene-d8

Concen: 52.114 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054293.D

Acq: 15 Mar 2019 6:23

Instrument :

MSVOA_N

ClientSampled :

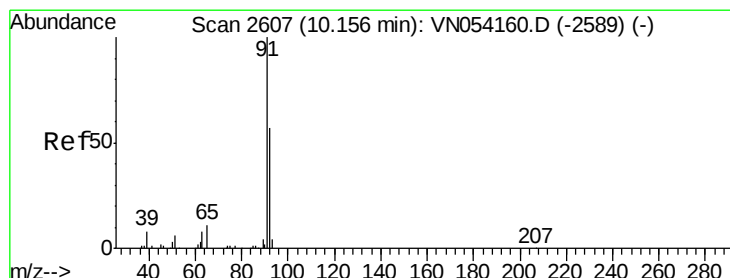
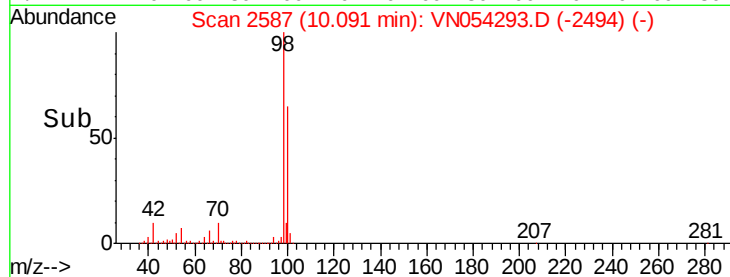
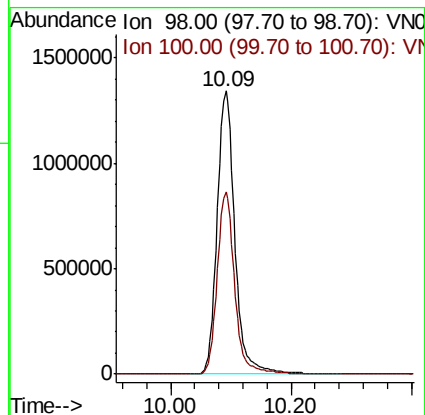
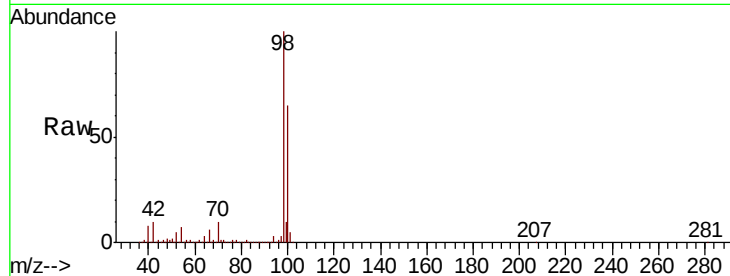
30282

Tgt Ion: 98 Resp: 2689057

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



#52

Toluene

Concen: 3.196 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054293.D

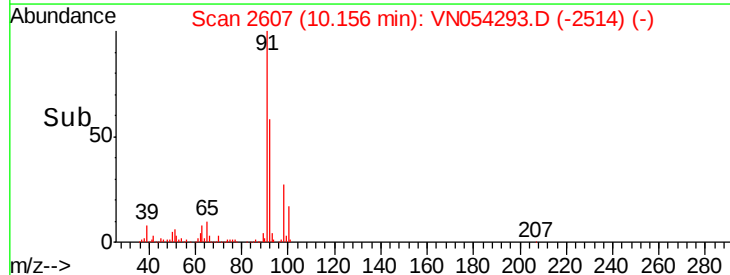
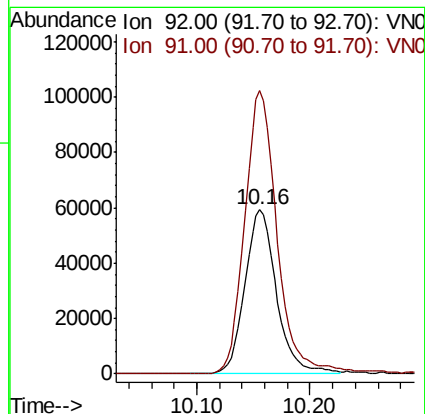
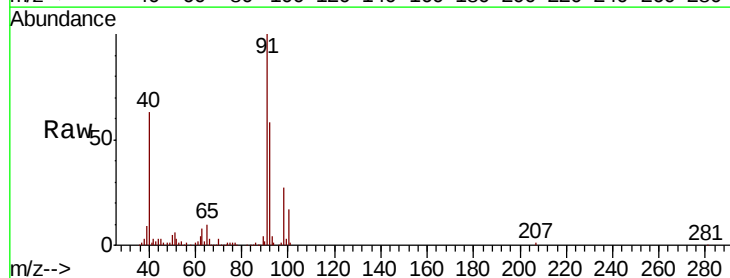
Acq: 15 Mar 2019 6:23

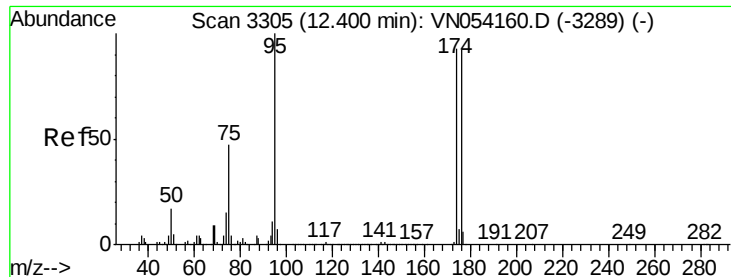
Tgt Ion: 92 Resp: 115672

Ion Ratio Lower Upper

92 100

91 177.8 140.7 211.1





#62

4-Bromofluorobenzene

Concen: 54.697 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054293.D

Acq: 15 Mar 2019 6:23

Instrument :

MSVOA_N

ClientSampleId :

30282

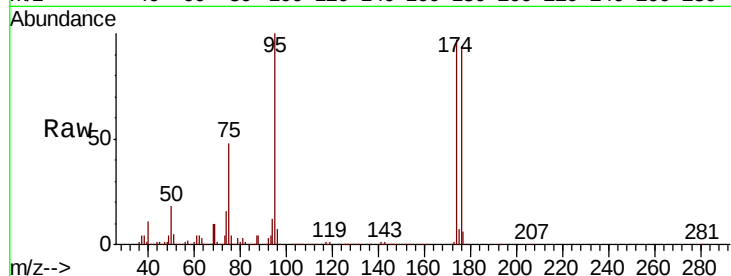
Tgt Ion: 95 Resp: 987530

Ion Ratio Lower Upper

95 100

174 98.6 0.0 191.0

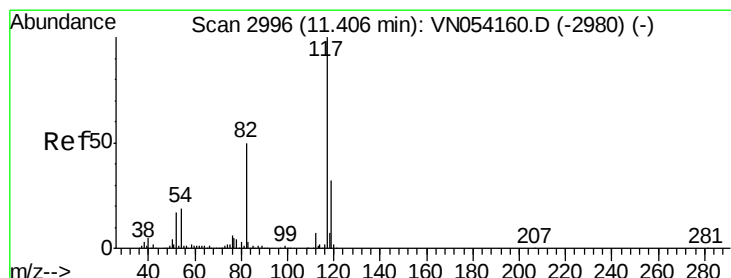
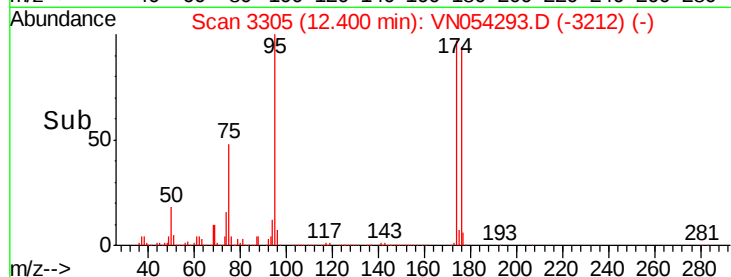
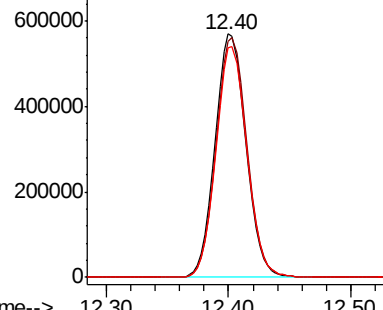
176 95.1 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054293.D

Acq: 15 Mar 2019 6:23

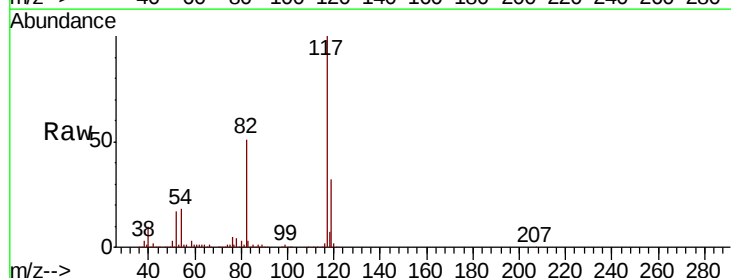
Tgt Ion: 117 Resp: 2240680

Ion Ratio Lower Upper

117 100

82 50.9 40.0 60.0

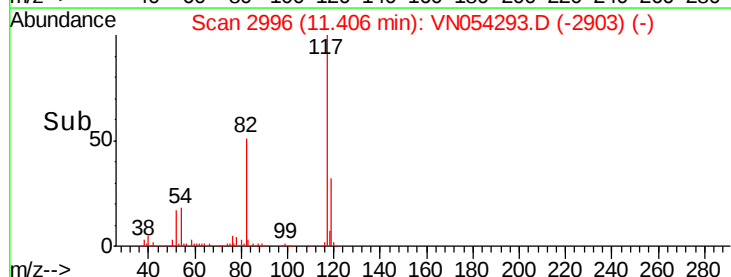
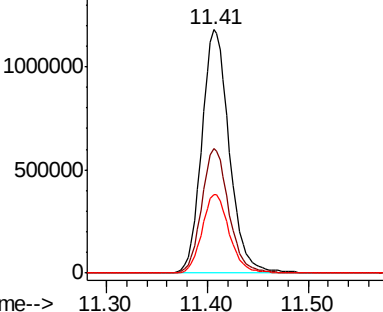
119 32.3 25.8 38.6

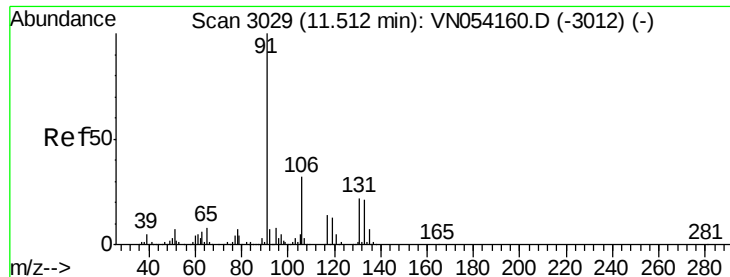


Abundance Ion 116.90 (116.60 to 117.60): VN054160.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN054160.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN054160.D (-2980) (-)

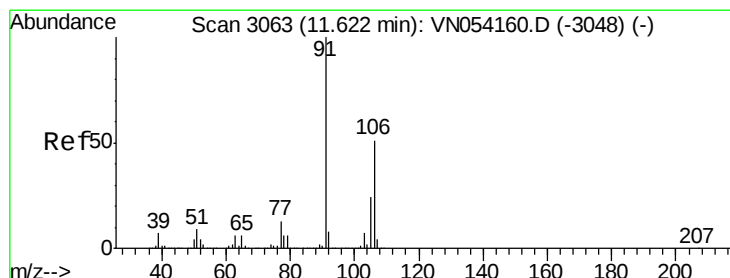
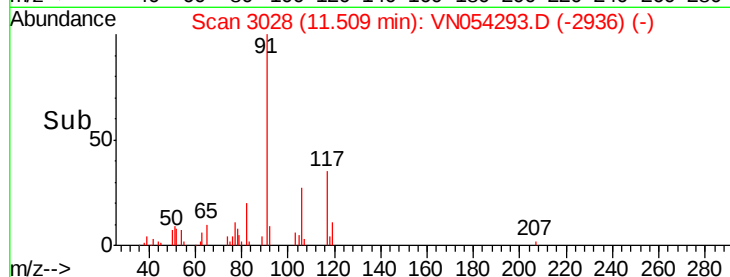
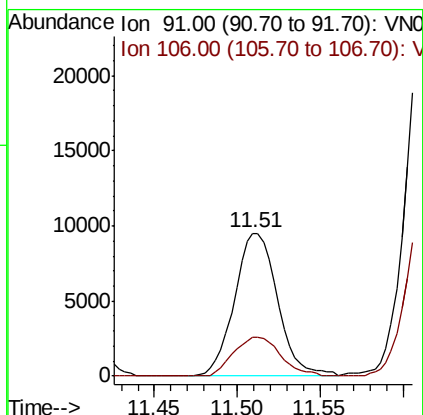
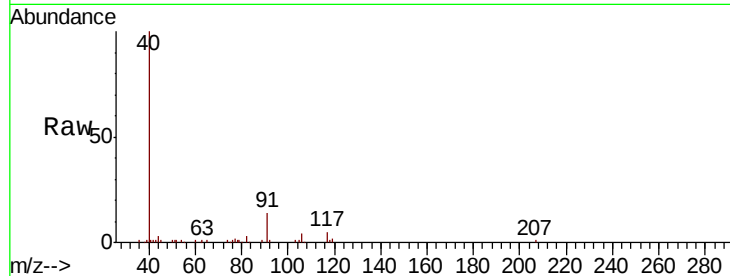




#67
Ethyl Benzene
Concen: 0.211 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054293.D
Acq: 15 Mar 2019 6:23

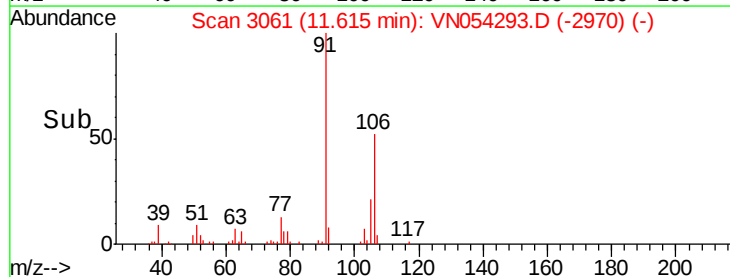
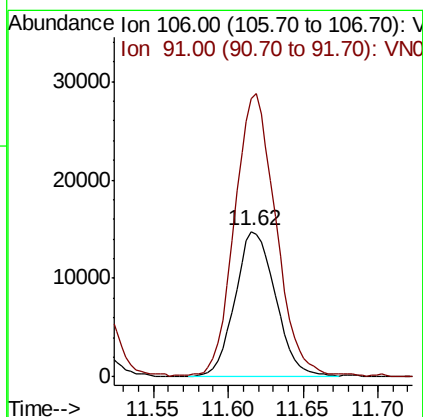
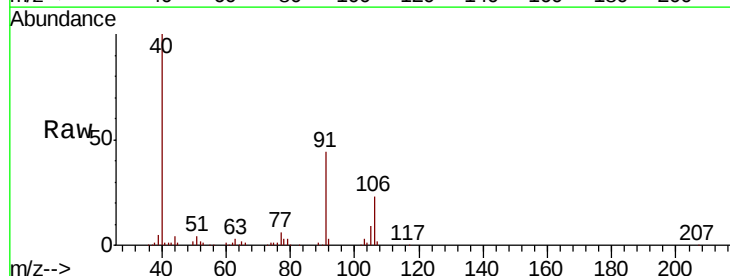
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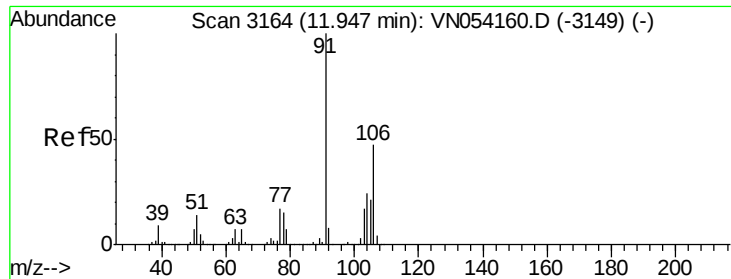
Tgt Ion: 91 Resp: 17224
Ion Ratio Lower Upper
91 100
106 26.9 25.5 38.3



#68
m/p-Xylenes
Concen: 0.874 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054293.D
Acq: 15 Mar 2019 6:23

Tgt Ion: 106 Resp: 27875
Ion Ratio Lower Upper
106 100
91 200.1 159.4 239.2

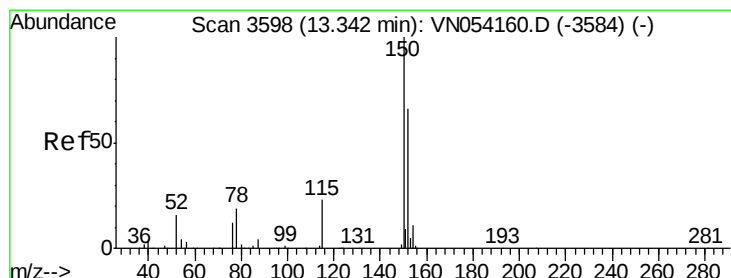
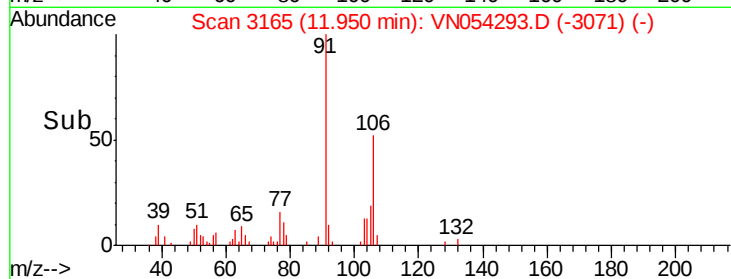
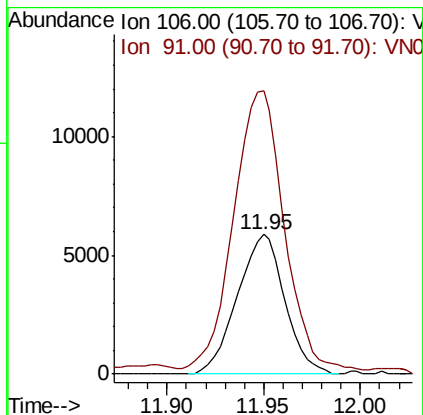
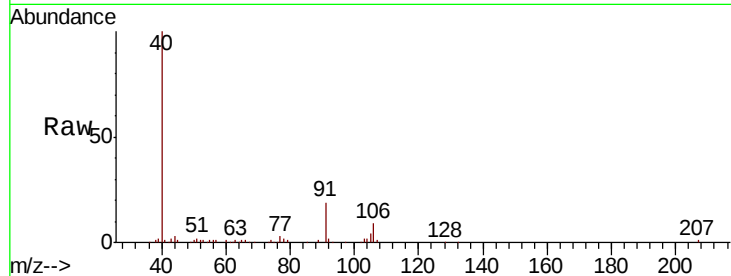




#69
o-Xylene
Concen: 0.321 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054293.D
Acq: 15 Mar 2019 6:23

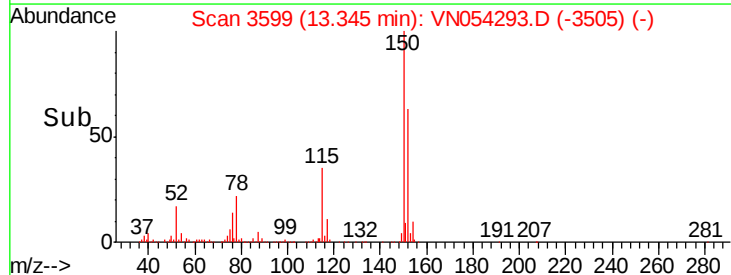
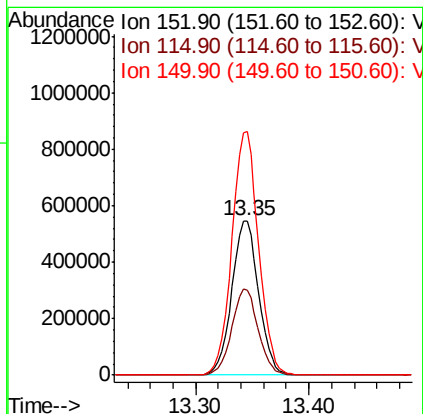
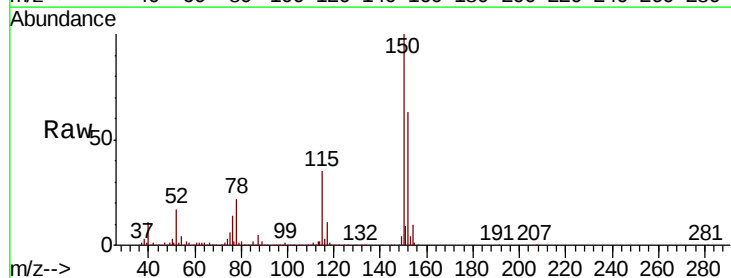
Instrument :
MSVOA_N
ClientSampled :
30282

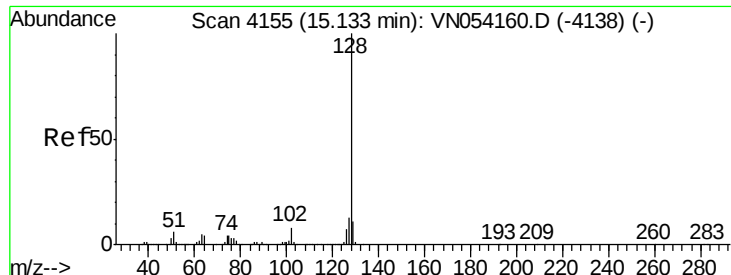
Tgt Ion:106 Resp: 9970
Ion Ratio Lower Upper
106 100
91 215.4 105.7 317.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054293.D
Acq: 15 Mar 2019 6:23

Tgt Ion:152 Resp: 897380
Ion Ratio Lower Upper
152 100
115 55.1 27.2 81.6
150 157.3 0.0 349.2





#95

Naphthalene

Concen: 4.055 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054293.D

Acq: 15 Mar 2019 6:23

Instrument :

MSVOA_N

ClientSampleId :

30282

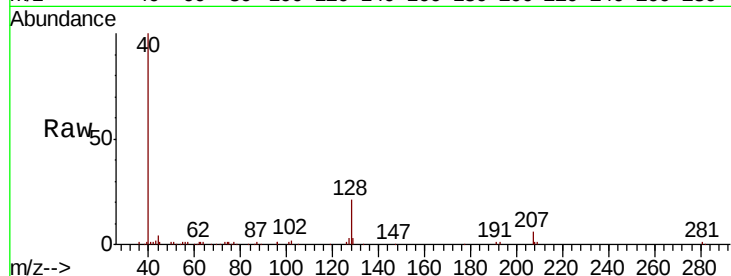
Tgt Ion:128 Resp: 24770

Ion Ratio Lower Upper

128 100

127 14.9 10.1 15.1

129 12.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

