

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032719\
 Data File : VN054713.D
 Acq On : 27 Mar 2019 11:19
 Operator : JC/SP
 Sample : K2093-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30092-30093-5

Quant Time: Mar 28 06:52:06 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	7.67	168	583192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	916815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	771496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	308790	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	360408	49.68	ug/l	0.00
Spiked Amount						
			Recovery	=	99.36%	
35) Dibromofluoromethane	7.59	113	284131	48.10	ug/l	0.00
Spiked Amount						
			Recovery	=	96.20%	
50) Toluene-d8	10.09	98	1091409	49.15	ug/l	0.00
Spiked Amount						
			Recovery	=	98.30%	
62) 4-Bromofluorobenzene	12.40	95	350763	46.42	ug/l	0.00
Spiked Amount						
			Recovery	=	92.84%	

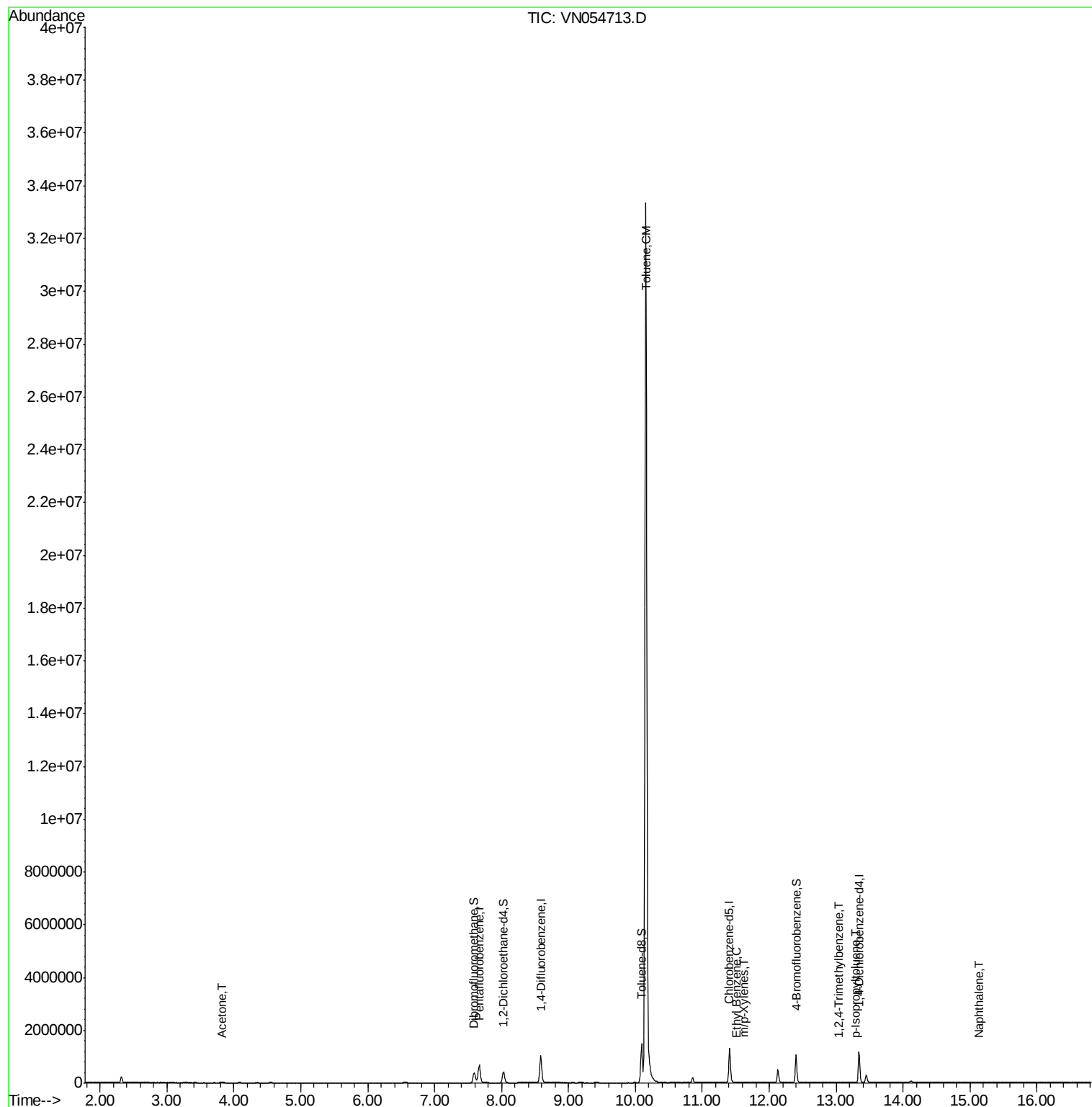
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	40553	18.595	ug/l #	83
52) Toluene	10.16	92	15196554	1007.954	ug/l #	1
67) Ethyl Benzene	11.51	91	13448	0.485	ug/l	96
68) m/p-Xylenes	11.62	106	6452	0.615	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	7500	0.375	ug/l	85
86) p-Isopropyltoluene	13.29	119	5252	0.265	ug/l	77
95) Naphthalene	15.13	128	7128	0.647	ug/l	97

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

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QLast Update : Fri Mar 22 02:09:07 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: VN054713.D

Acq: 27 Mar 2019 11:19

Instrument :

MSVOA_N

ClientSampleId :

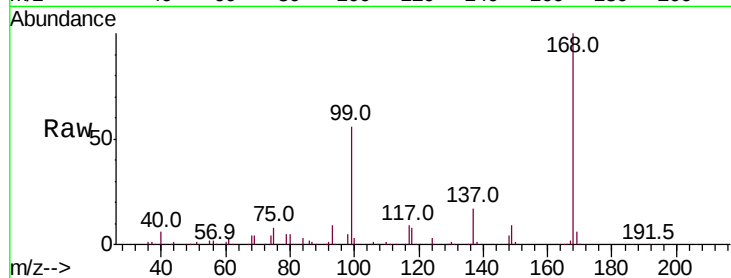
30092-30093-5

Tot Ion:168 Resp: 583192

Ion Ratio Lower Upper

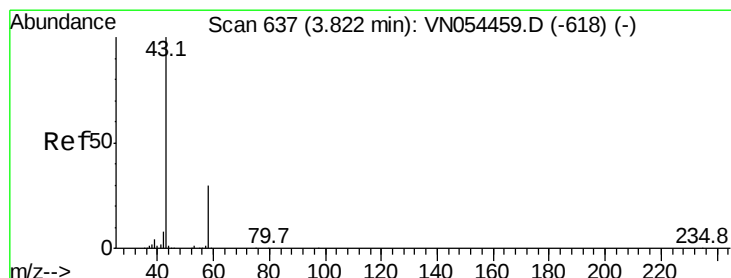
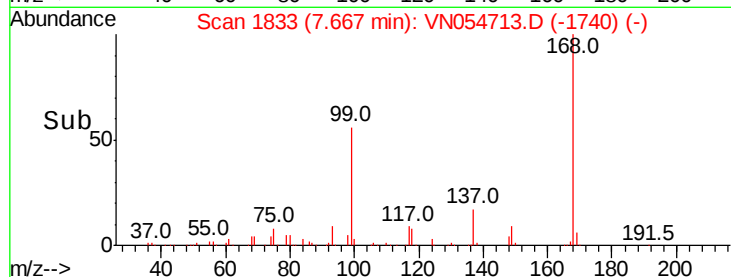
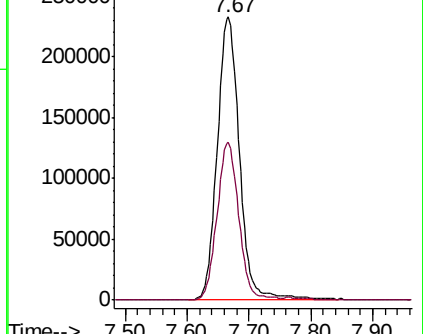
168 100

99 55.8 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 18.595 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054713.D

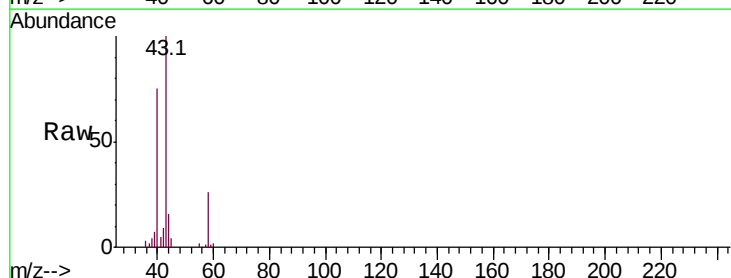
Acq: 27 Mar 2019 11:19

Tgt Ion: 43 Resp: 40553

Ion Ratio Lower Upper

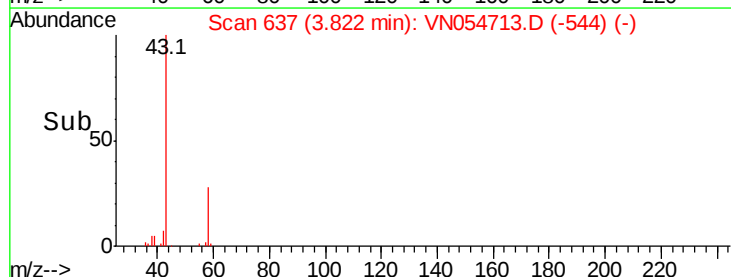
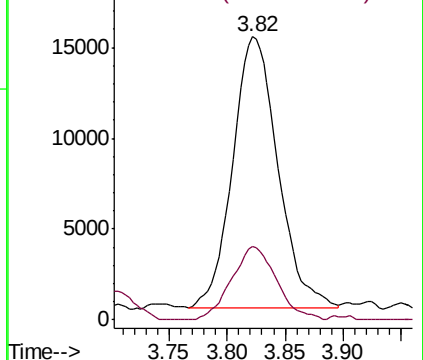
43 100

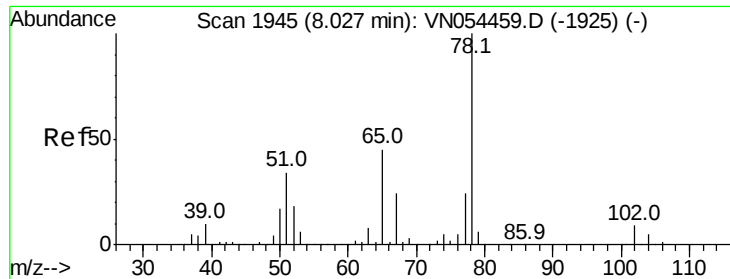
58 27.3 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

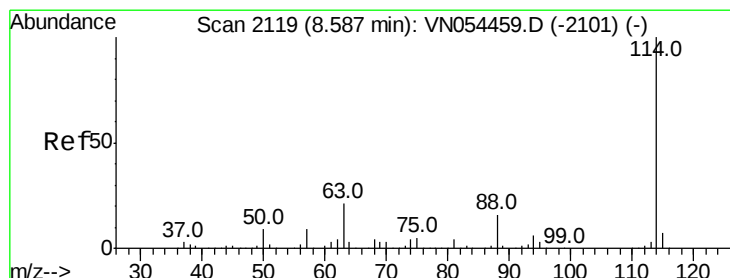
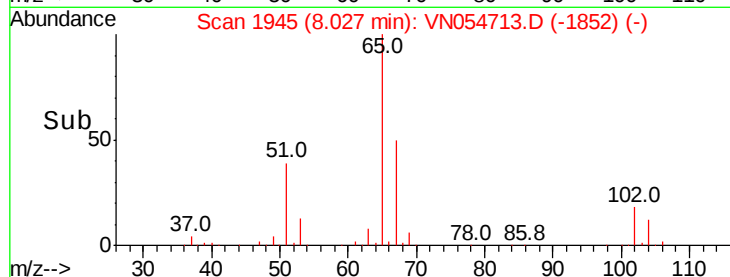
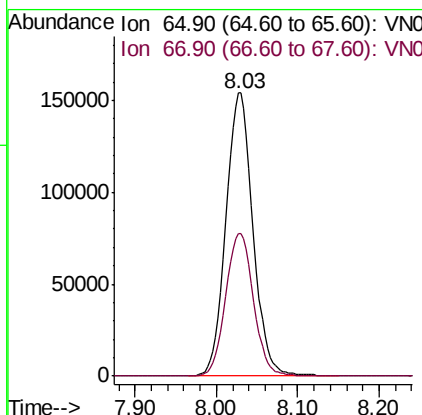
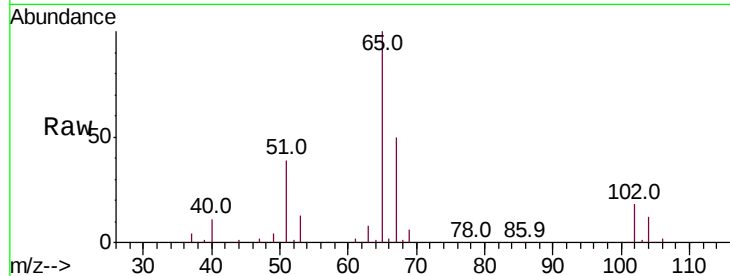




#33
 1,2-Dichloroethane-d4
 Concen: 49.684 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054713.D
 Acq: 27 Mar 2019 11:19

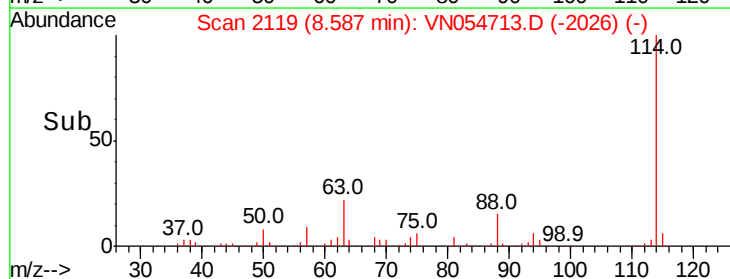
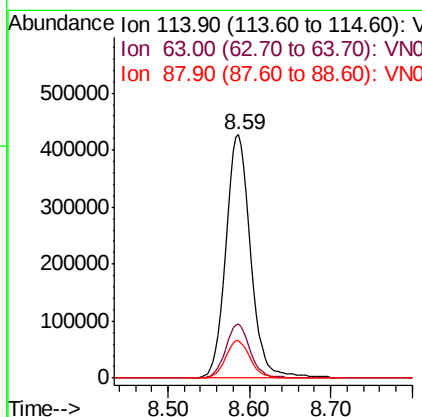
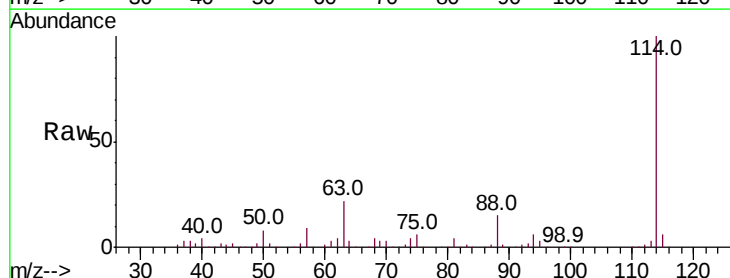
Instrument :
 MSVOA_N
 ClientSampleId :
 30092-30093-5

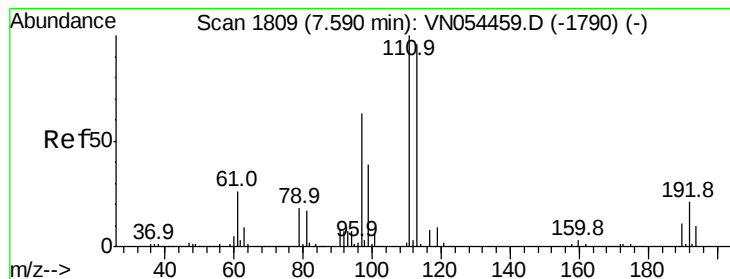
Tot Ion: 65 Resp: 360408
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054713.D
 Acq: 27 Mar 2019 11:19

Tgt Ion: 114 Resp: 916815
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 35.2
 88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.104 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054713.D

Acq: 27 Mar 2019 11:19

Instrument :

MSVOA_N

ClientSampleId :

30092-30093-5

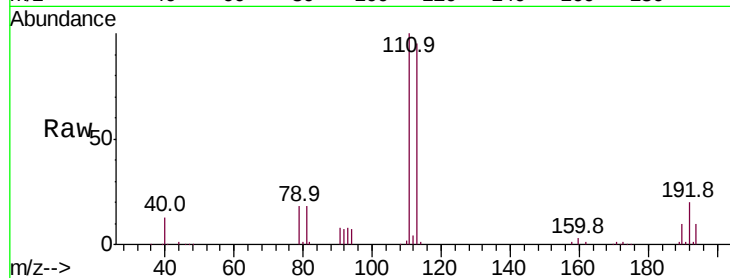
Tot Ion:113 Resp: 284131

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

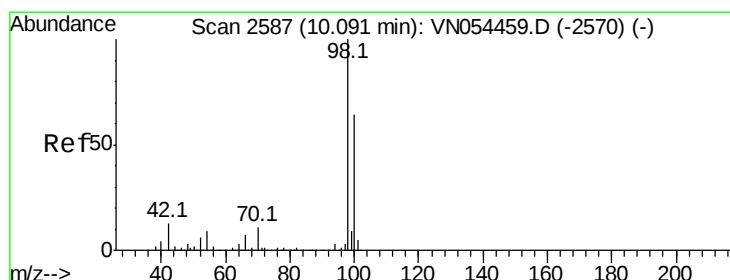
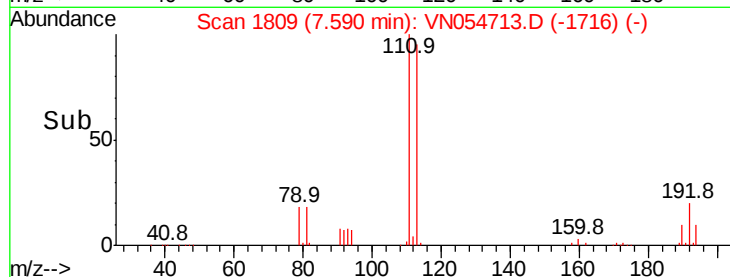
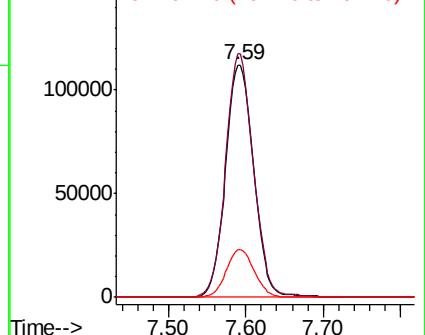
192 20.4 19.2 28.8



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: 49.151 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054713.D

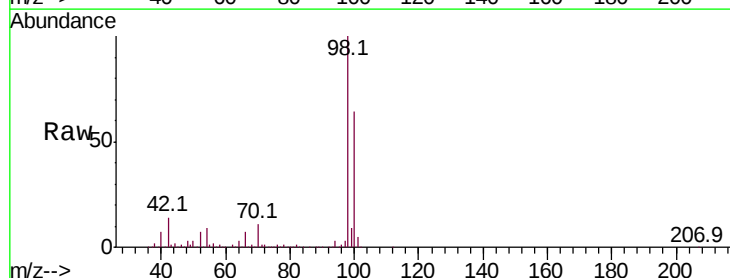
Acq: 27 Mar 2019 11:19

Tgt Ion: 98 Resp: 1091409

Ion Ratio Lower Upper

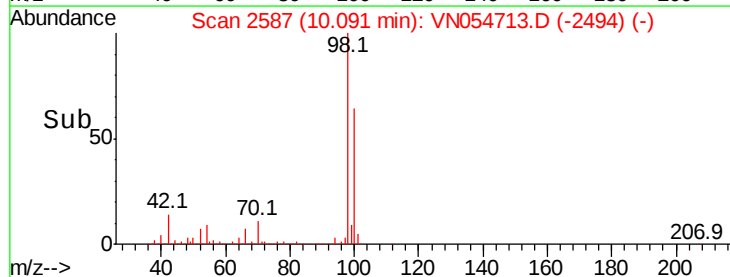
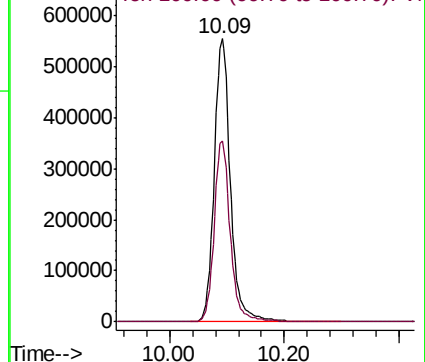
98 100

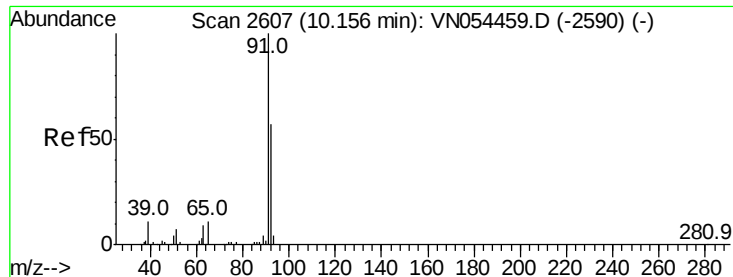
100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1007.954 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054713.D

Acq: 27 Mar 2019 11:19

Instrument :

MSVOA_N

ClientSampleId :

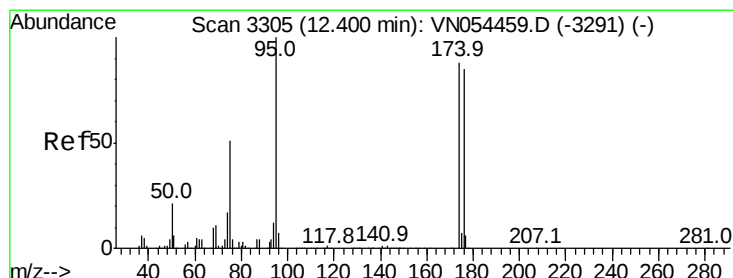
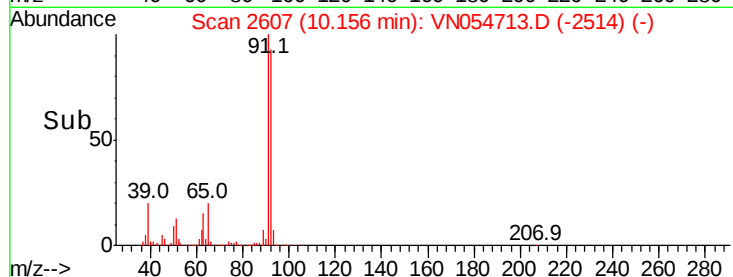
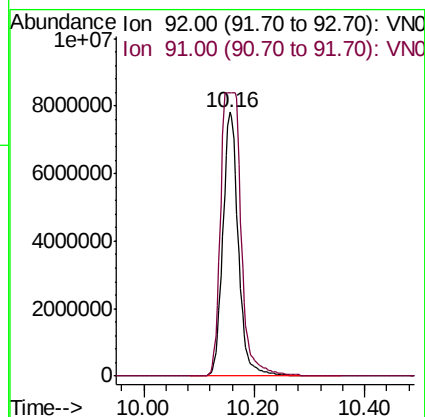
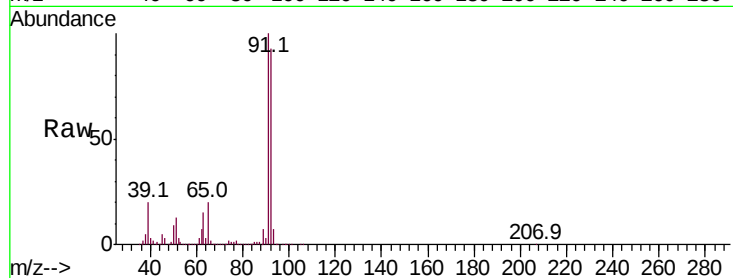
30092-30093-5

Tot Ion: 92 Resp:15196554

Ion Ratio Lower Upper

92 100

91 0.0 140.7 211.1#



#62

4-Bromofluorobenzene

Concen: 46.422 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054713.D

Acq: 27 Mar 2019 11:19

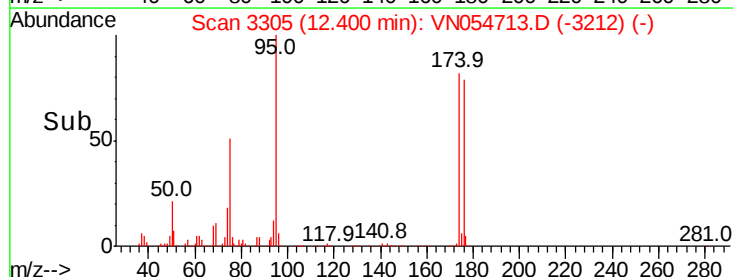
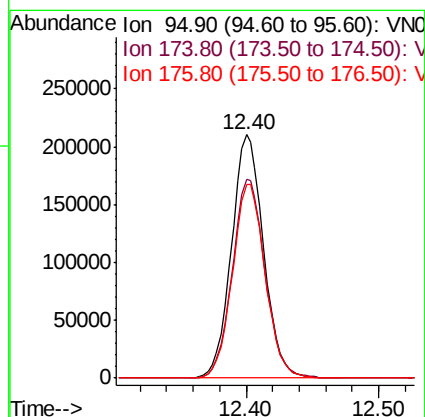
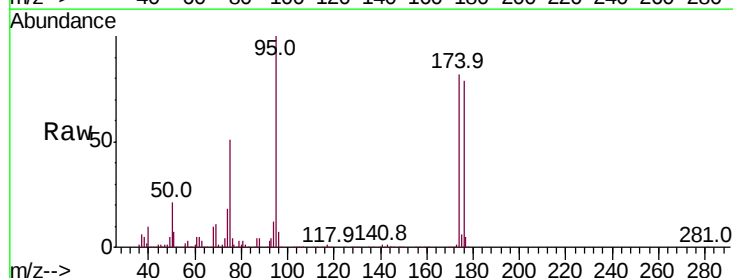
Tgt Ion: 95 Resp: 350763

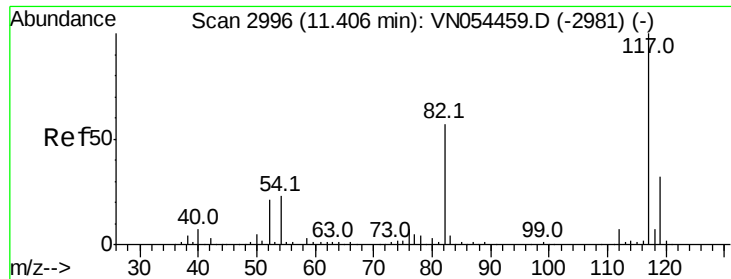
Ion Ratio Lower Upper

95 100

174 84.0 0.0 191.0

176 81.6 0.0 187.4

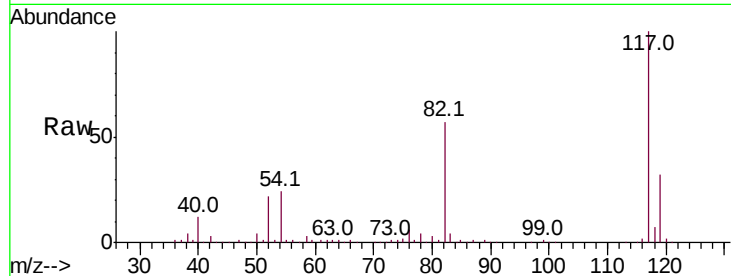




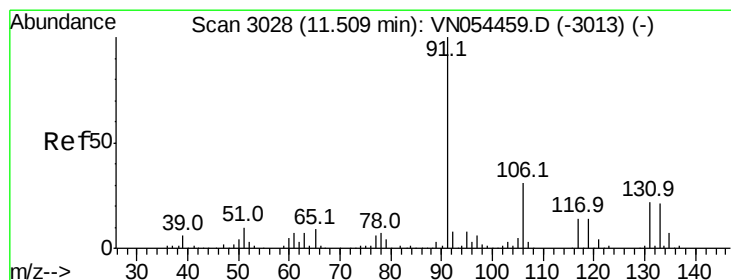
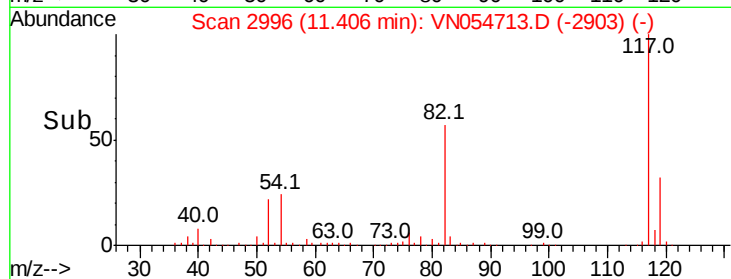
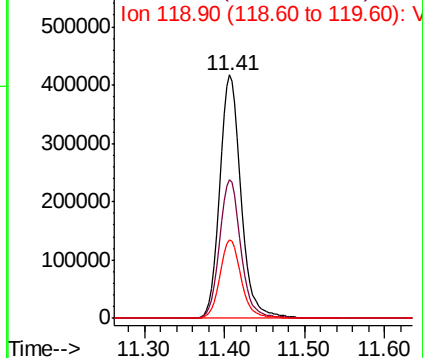
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054713.D
Acq: 27 Mar 2019 11:19

Instrument :
MSVOA_N
ClientSampled :
30092-30093-5

Tot Ion:117 Resp: 771496
Ion Ratio Lower Upper
117 100
82 57.1 40.0 60.0
119 32.3 25.8 38.6

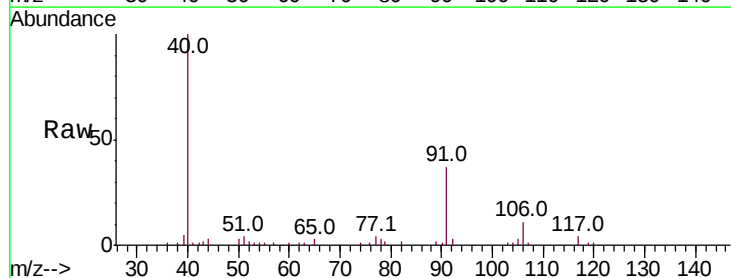


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

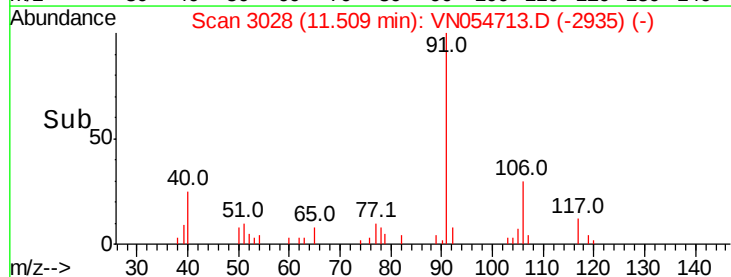
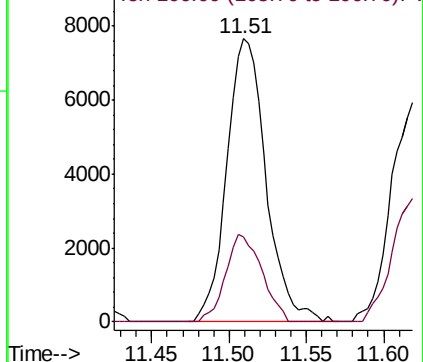


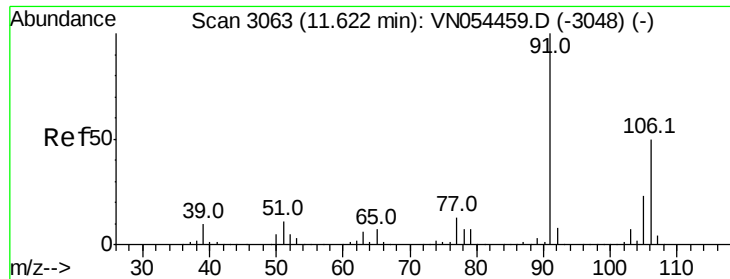
#67
Ethyl Benzene
Concen: 0.485 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054713.D
Acq: 27 Mar 2019 11:19

Tgt Ion: 91 Resp: 13448
Ion Ratio Lower Upper
91 100
106 29.8 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

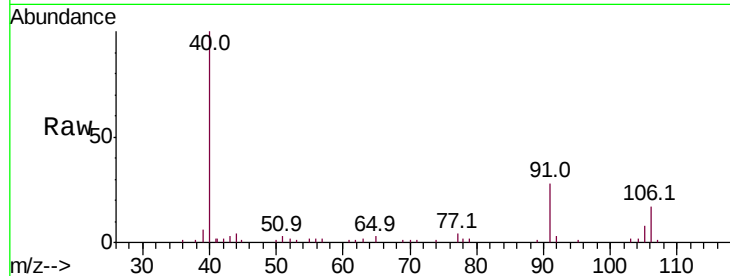




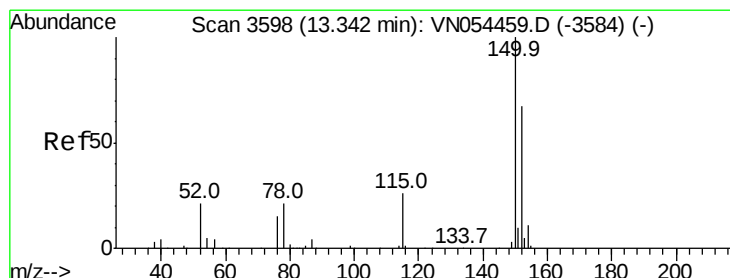
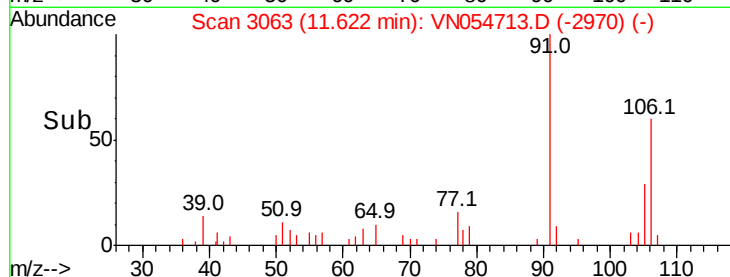
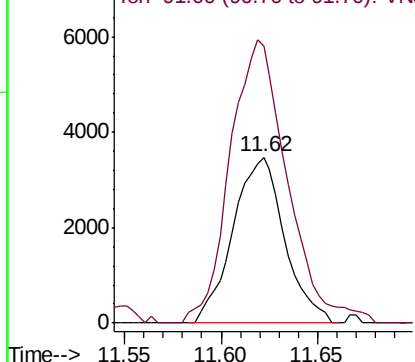
#68
m/p-Xvlenes
Concen: 0.615 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054713.D
Acq: 27 Mar 2019 11:19

Instrument :
MSVOA_N
ClientSampleId :
30092-30093-5

Tot Ion:106 Resp: 6452
Ion Ratio Lower Upper
106 100
91 189.6 159.4 239.2

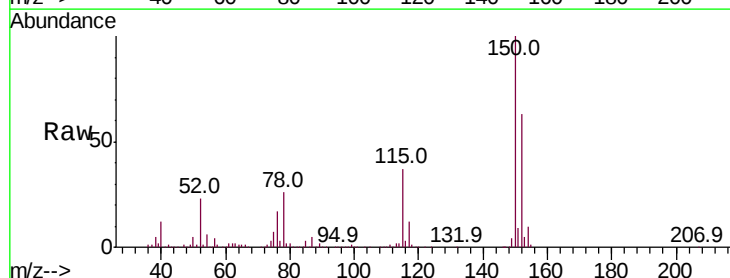


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

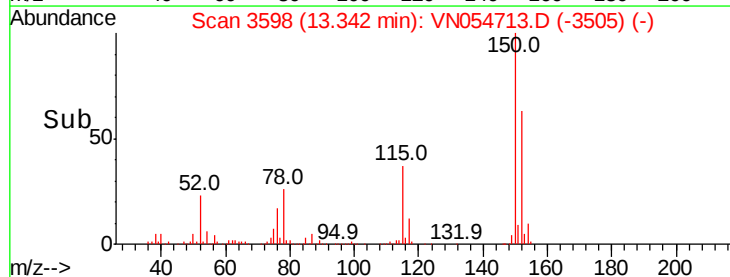
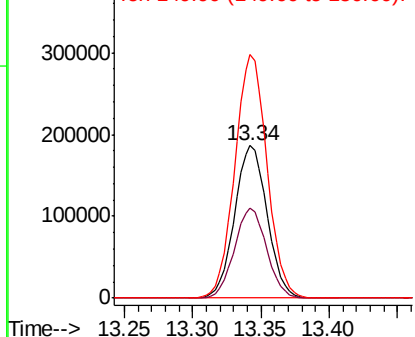


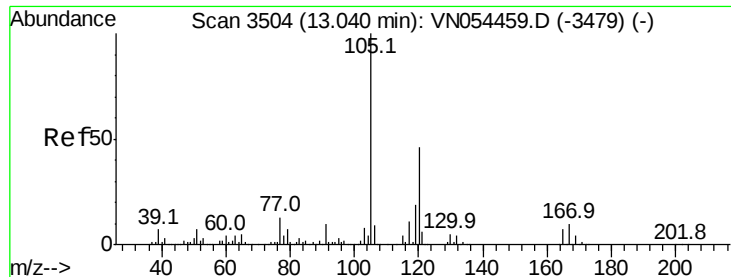
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054713.D
Acq: 27 Mar 2019 11:19

Tgt Ion:152 Resp: 308790
Ion Ratio Lower Upper
152 100
115 58.4 27.2 81.6
150 157.8 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





#84

1,2,4-Trimethylbenzene

Concen: 0.375 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN054713.D

Acq: 27 Mar 2019 11:19

Instrument :

MSVOA_N

ClientSampleId :

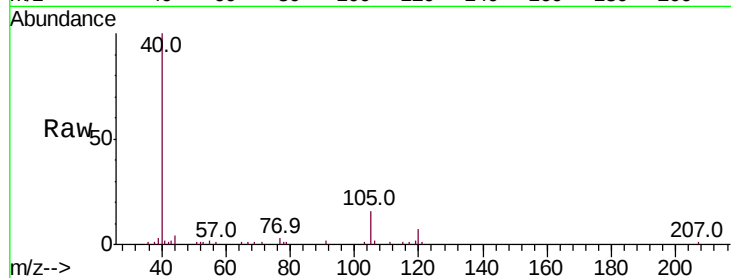
30092-30093-5

Tot Ion:105 Resp: 7500

Ion Ratio Lower Upper

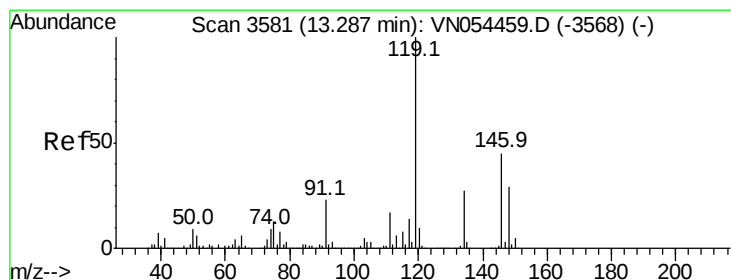
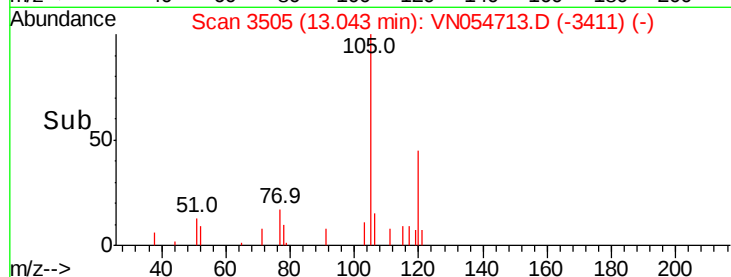
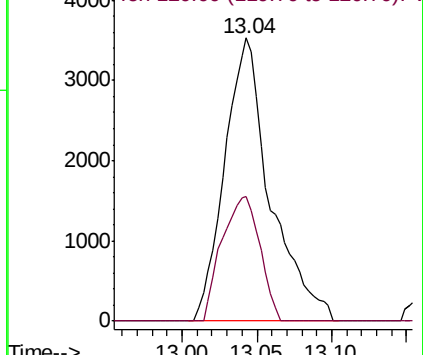
105 100

120 36.6 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#86

p-Isopropyltoluene

Concen: 0.265 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054713.D

Acq: 27 Mar 2019 11:19

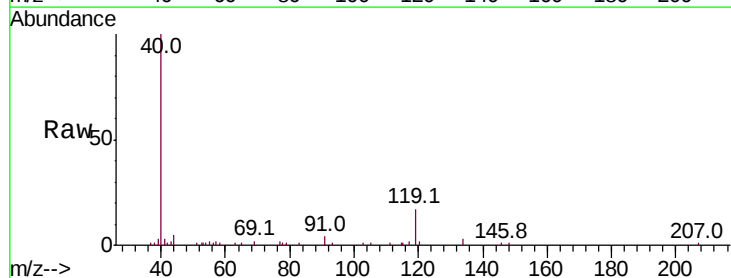
Tgt Ion:119 Resp: 5252

Ion Ratio Lower Upper

119 100

134 14.1 13.6 40.8

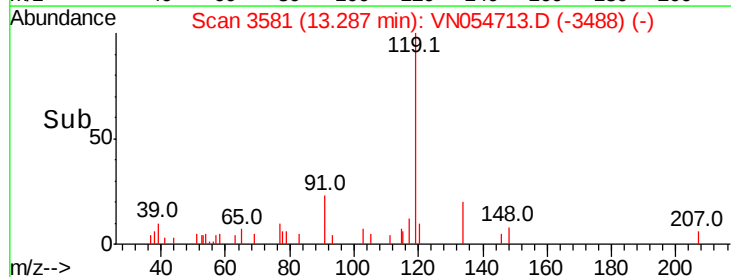
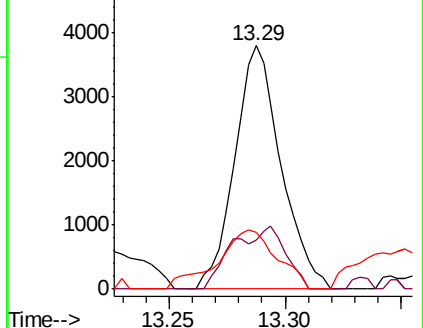
91 31.4 11.1 33.3

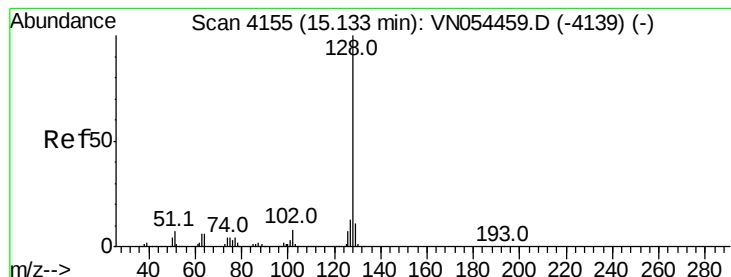


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#95

Naphthalene

Concen: 0.647 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054713.D

Acq: 27 Mar 2019 11:19

Instrument :

MSVOA_N

ClientSampleId :

30092-30093-5

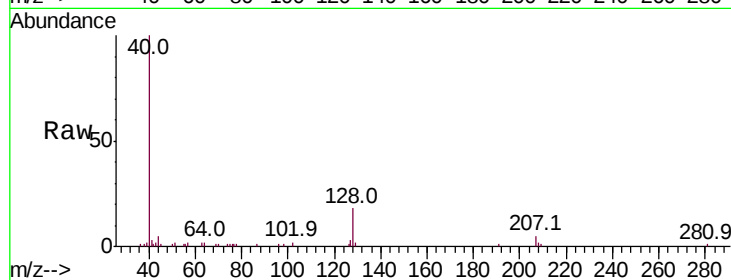
Tot Ion:128 Resp: 7128

Ion Ratio Lower Upper

128 100

127 12.0 10.1 15.1

129 9.4 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

