

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060419\
 Data File : VN055992.D
 Acq On : 4 Jun 2019 15:40
 Operator : JC/SP
 Sample : K3165-07ME
 Misc : 1.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 51419ME

Quant Time: Jun 05 01:54:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

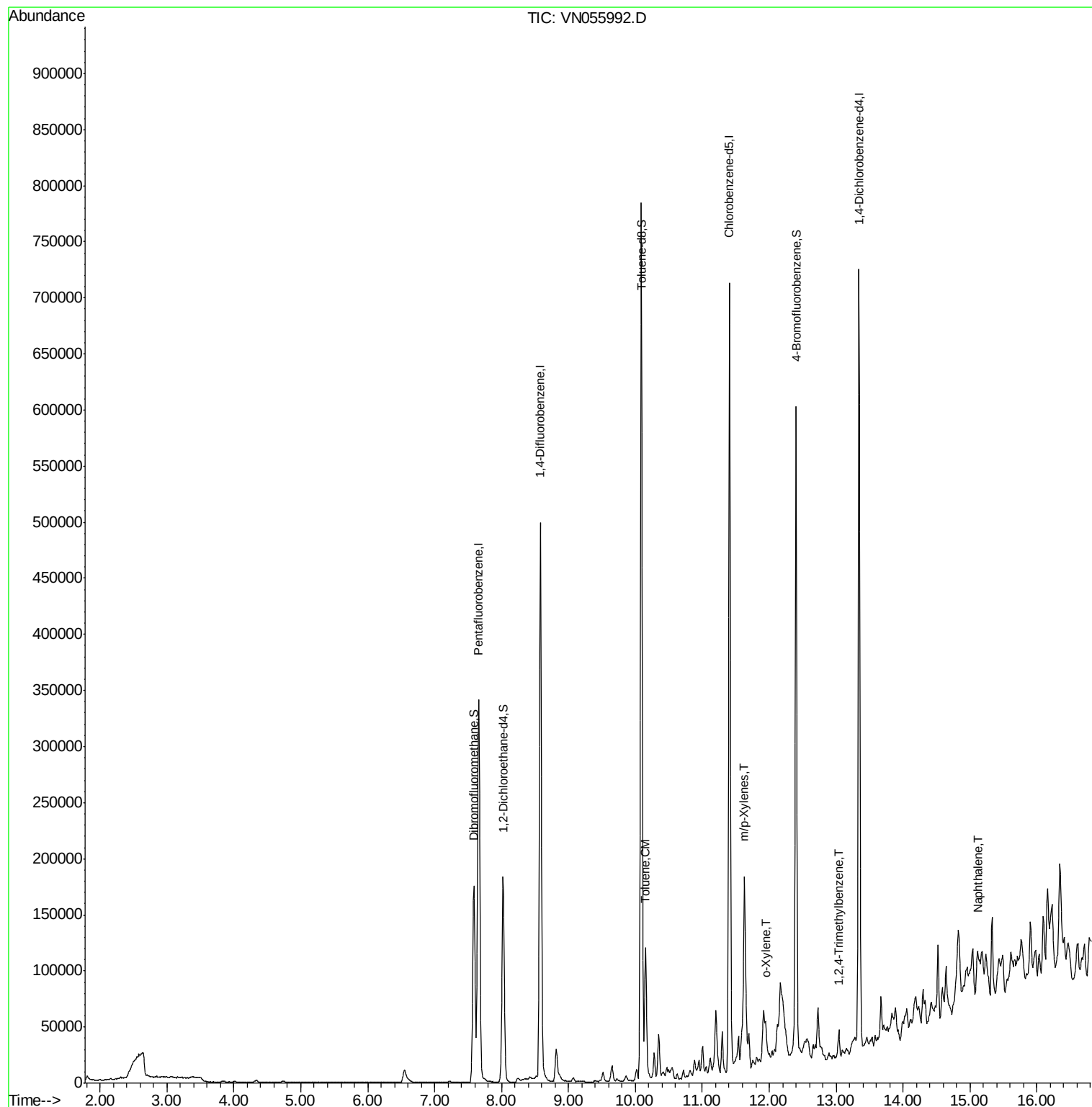
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	331883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	493533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	452821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	205752	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	153655	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
35) Dibromofluoromethane	7.59	113	135098	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.24%	
50) Toluene-d8	10.09	98	585145	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.40	95	200055	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
Target Compounds						
52) Toluene	10.15	92	51243	6.389	ug/l	100
68) m/p-Xylenes	11.62	106	15782	2.636	ug/l	89
69) o-Xylene	11.95	106	6748	1.146	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	14605	1.113	ug/l	97
95) Naphthalene	15.13	128	20556	5.779	ug/l	96

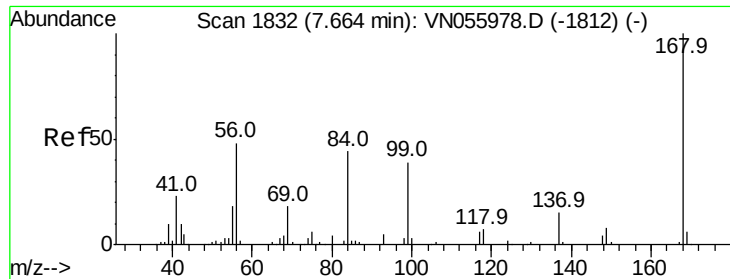
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.01 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

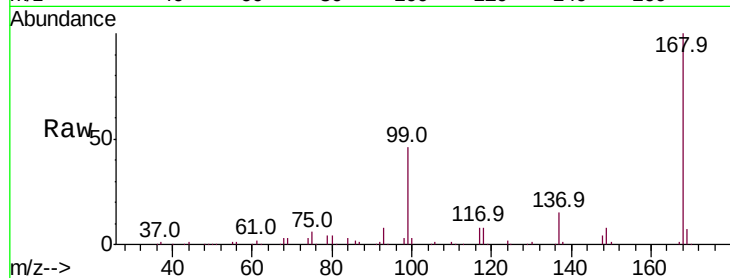
51419ME

Tot Ion:168 Resp: 331883

Ion Ratio Lower Upper

168 100

99 46.0 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055992.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055992.D (-1739) (-)

7.66

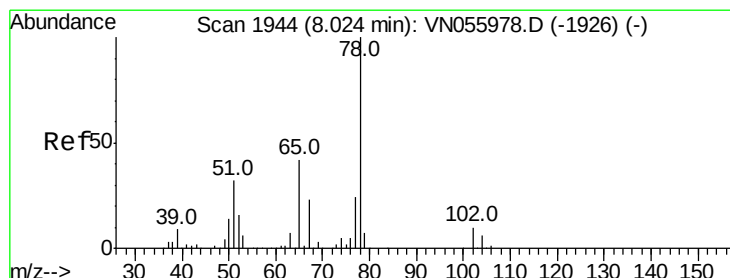
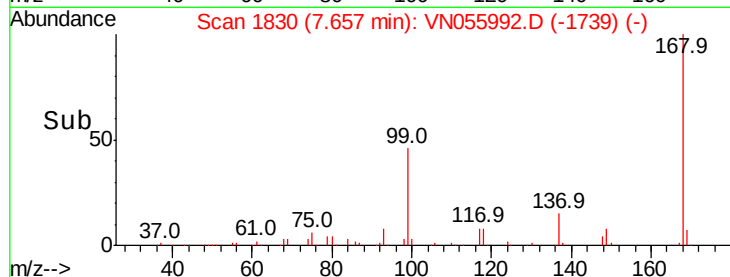
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 46.628 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN055992.D

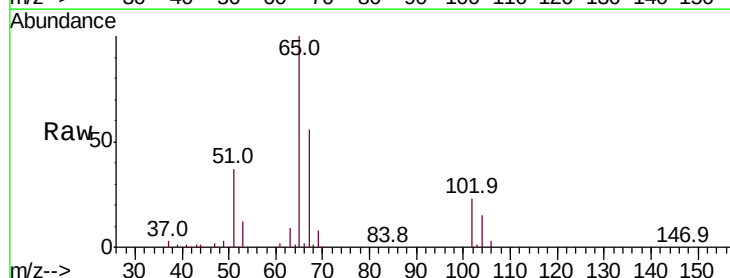
Acq: 4 Jun 2019 15:40

Tgt Ion: 65 Resp: 153655

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055992.D (-1851) (-)

Ion 66.90 (66.60 to 67.60): VN055992.D (-1851) (-)

8.02

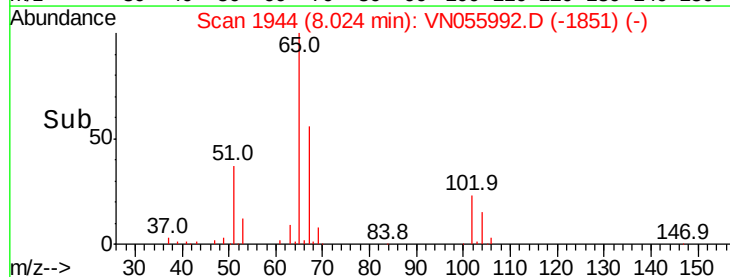
60000

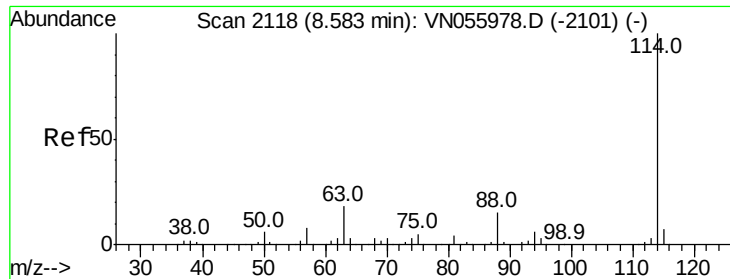
40000

20000

0

Time--> 7.90 8.00 8.10

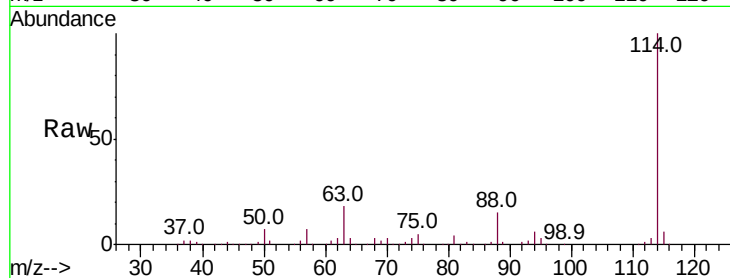




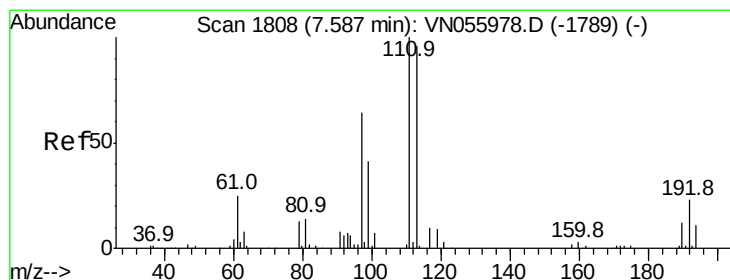
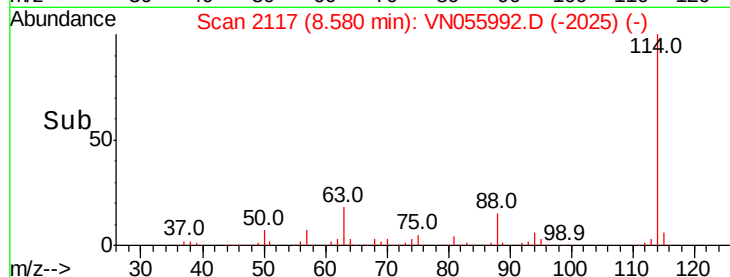
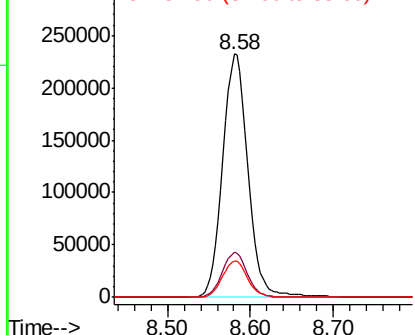
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN055992.D
 Acq: 4 Jun 2019 15:40

Instrument :
 MSVOA_N
 ClientSampleId :
 51419ME

Tot Ion:114 Resp: 493533
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 14.9 0.0 31.0

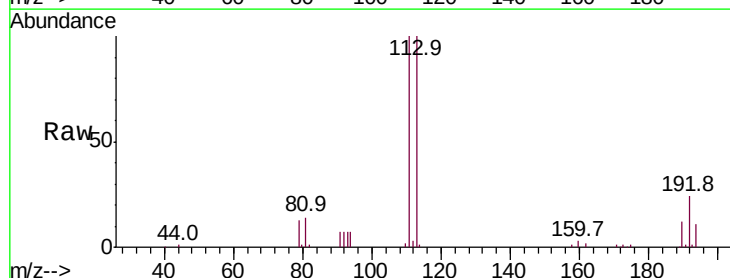


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

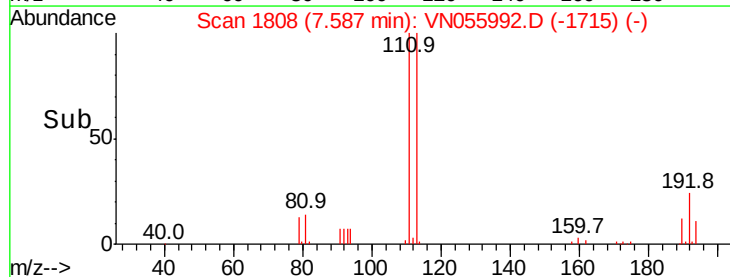
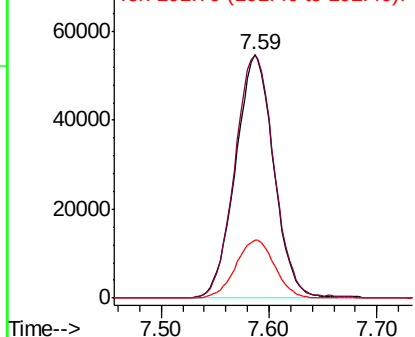


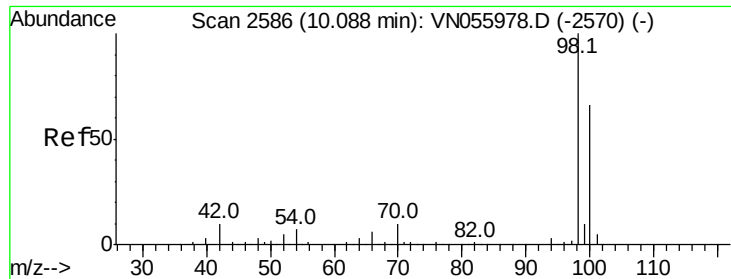
#35
 Dibromofluoromethane
 Concen: 44.616 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN055992.D
 Acq: 4 Jun 2019 15:40

Tgt Ion:113 Resp: 135098
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.9 122.9
 192 24.2 19.5 29.3



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: 50.220 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

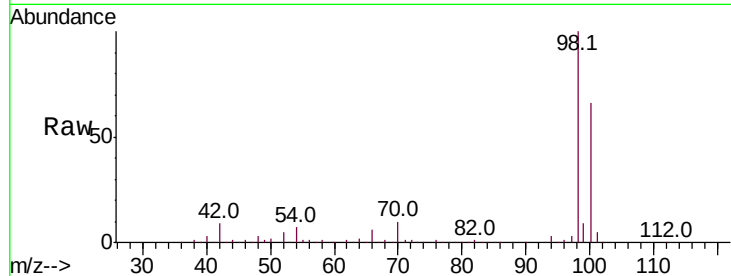
51419ME

Tot Ion: 98 Resp: 585145

Ion Ratio Lower Upper

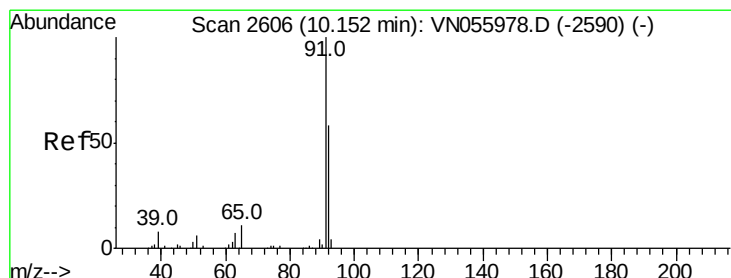
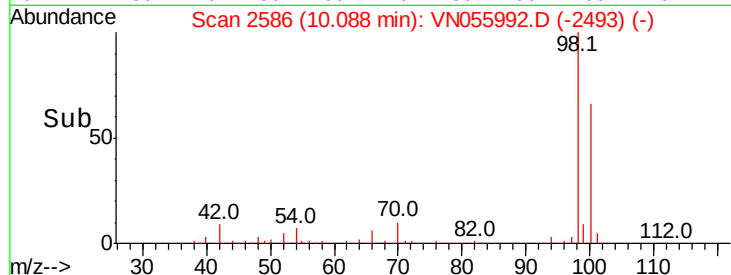
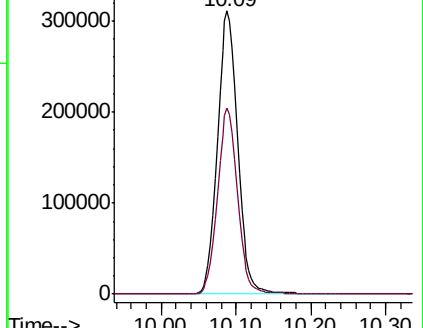
98 100

100 65.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055978.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055978.D (-2570) (-)



#52

Toluene

Concen: 6.389 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN055992.D

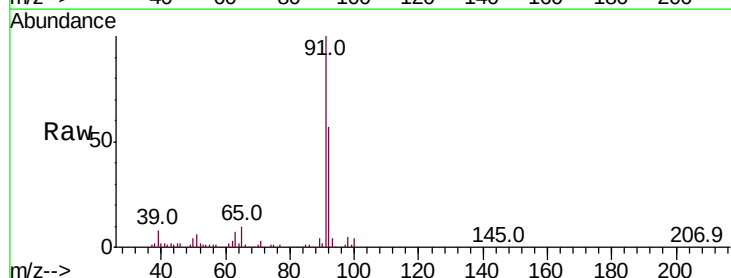
Acq: 4 Jun 2019 15:40

Tgt Ion: 92 Resp: 51243

Ion Ratio Lower Upper

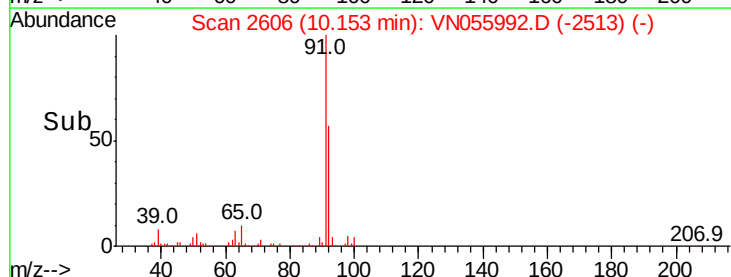
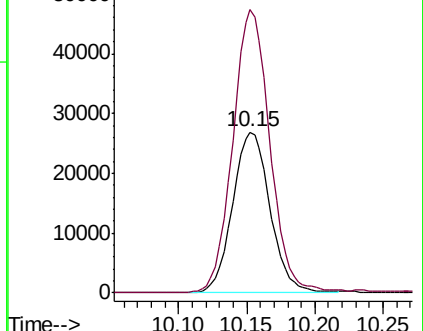
92 100

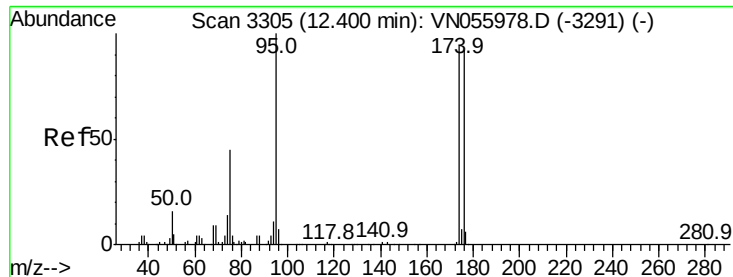
91 174.6 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055978.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-2590) (-)

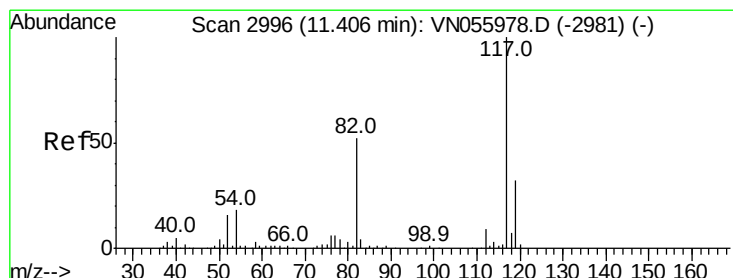
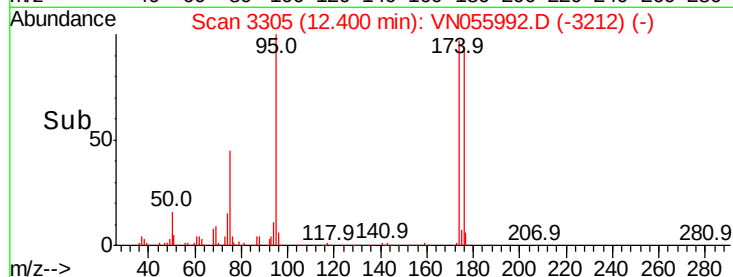
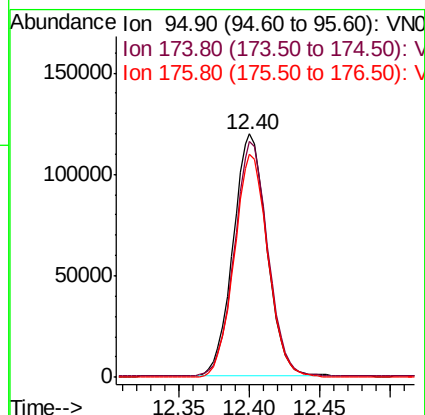
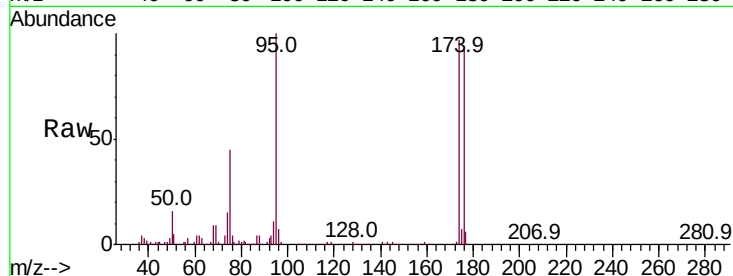




#62
4-Bromofluorobenzene
Concen: 50.488 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055992.D
Acq: 4 Jun 2019 15:40

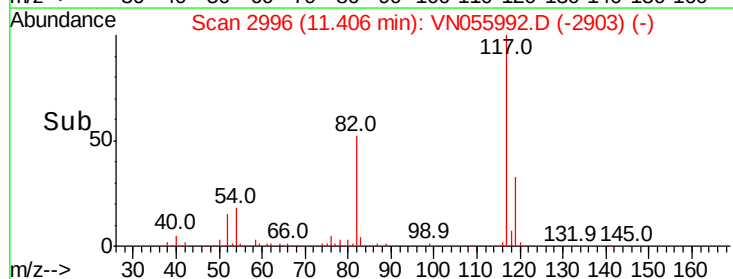
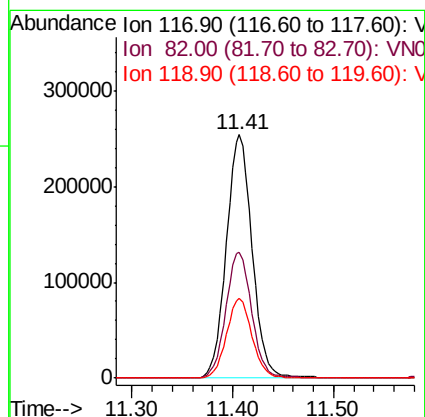
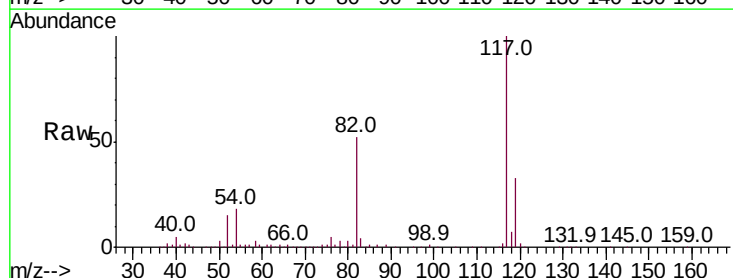
Instrument :
MSVOA_N
ClientSampleId :
51419ME

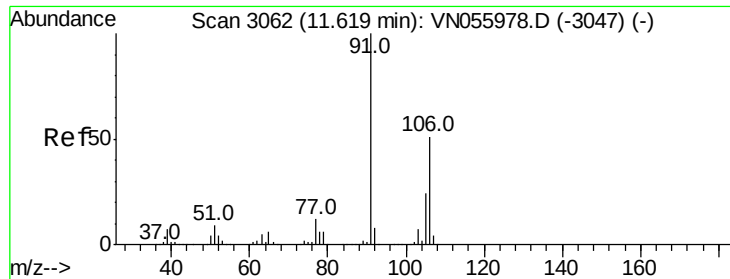
Tot Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	191.0
176	92.5	0.0	185.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055992.D
Acq: 4 Jun 2019 15:40

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.8	62.8
119	32.6	25.4	38.0

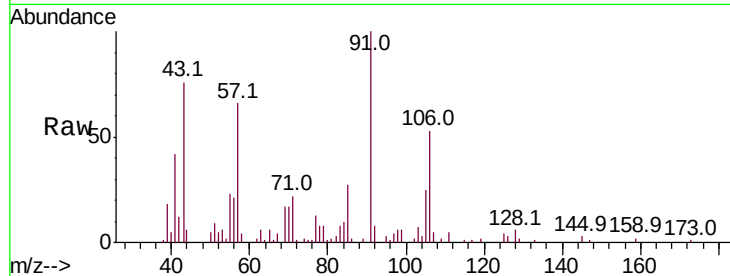




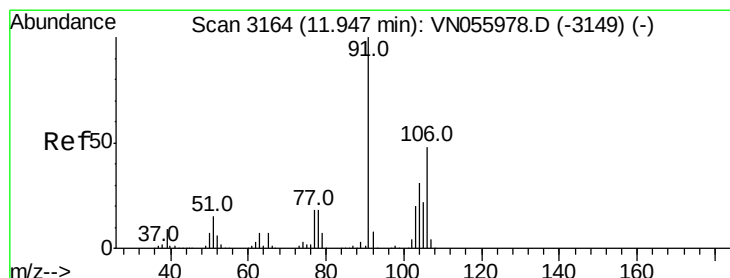
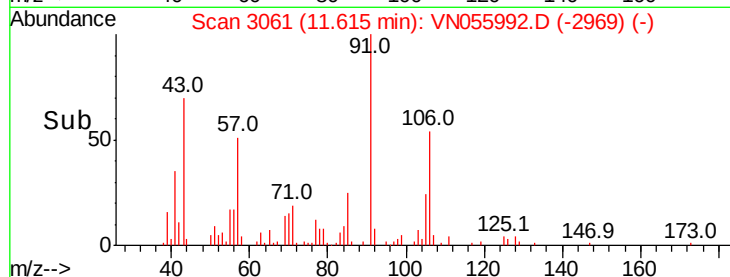
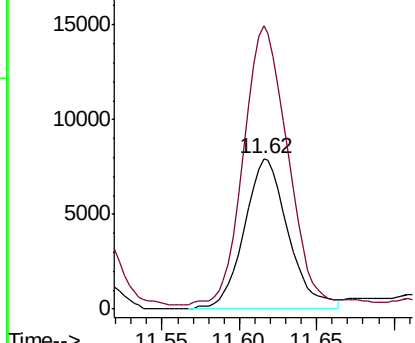
#68
m/p-Xylenes
Concen: 2.636 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN055992.D
Acq: 4 Jun 2019 15:40

Instrument :
MSVOA_N
ClientSampled :
51419ME

Tot Ion:106 Resp: 15782
Ion Ratio Lower Upper
106 100
91 183.0 159.3 238.9

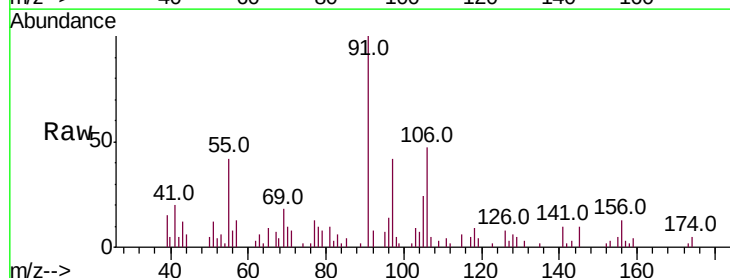


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

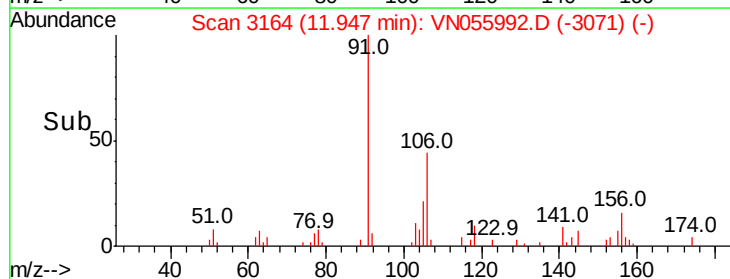
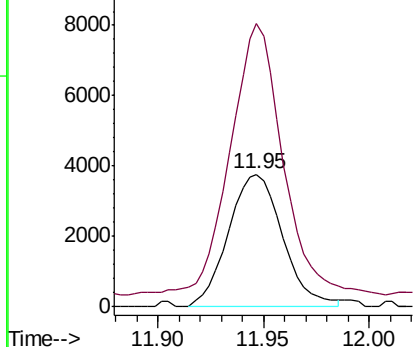


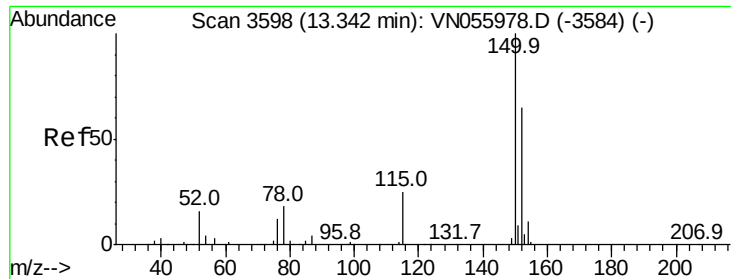
#69
o-Xylene
Concen: 1.146 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055992.D
Acq: 4 Jun 2019 15:40

Tgt Ion:106 Resp: 6748
Ion Ratio Lower Upper
106 100
91 198.3 104.7 314.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

51419ME

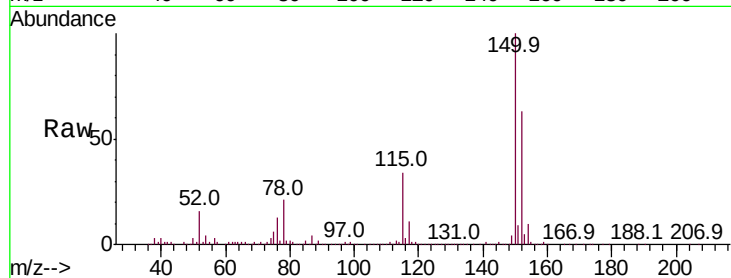
Tot Ion:152 Resp: 205752

Ion Ratio Lower Upper

152 100

115 53.1 27.0 81.0

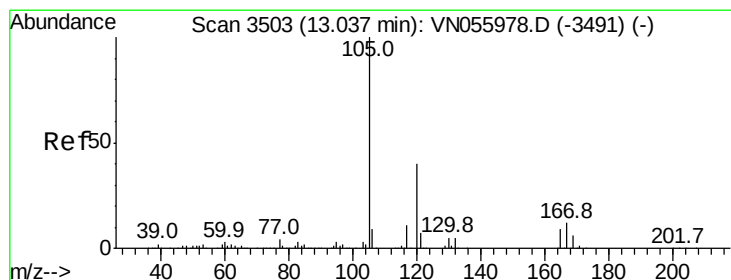
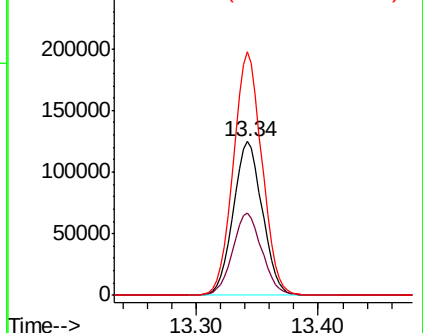
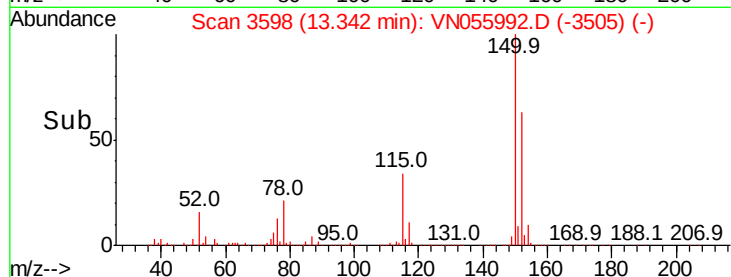
150 156.3 0.0 343.2



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: 1.113 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055992.D

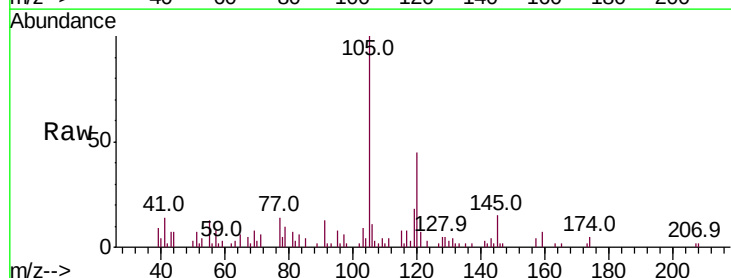
Acq: 4 Jun 2019 15:40

Tgt Ion:105 Resp: 14605

Ion Ratio Lower Upper

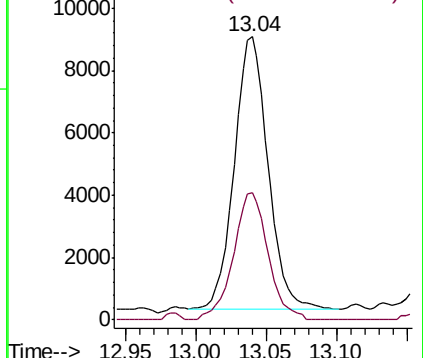
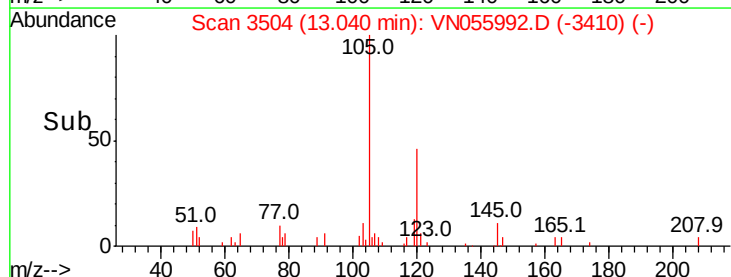
105 100

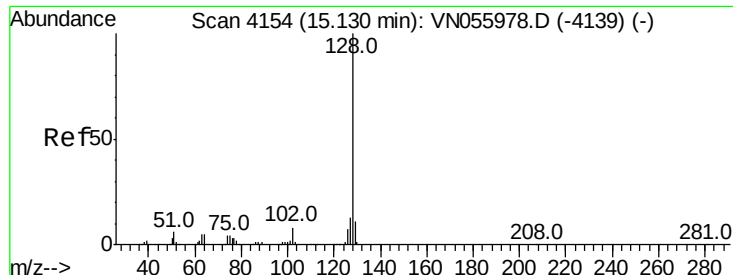
120 48.0 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 5.779 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055992.D

Acq: 4 Jun 2019 15:40

Instrument :

MSVOA_N

ClientSampleId :

51419ME

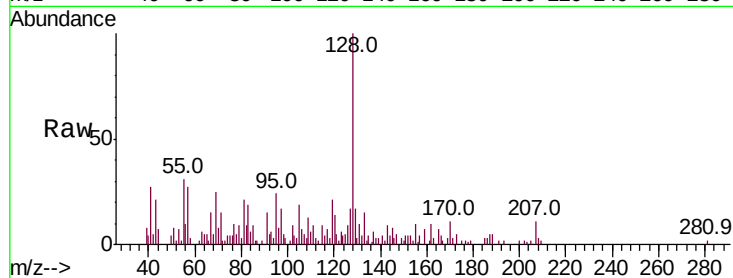
Tot Ion:128 Resp: 20556

Ion Ratio Lower Upper

128 100

127 14.1 10.3 15.5

129 9.3 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

15000 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

