

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060519\
 Data File : VN056007.D
 Acq On : 5 Jun 2019 14:06
 Operator : JC/SP
 Sample : K3163-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-060419-A

Quant Time: Jun 06 01:56:17 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

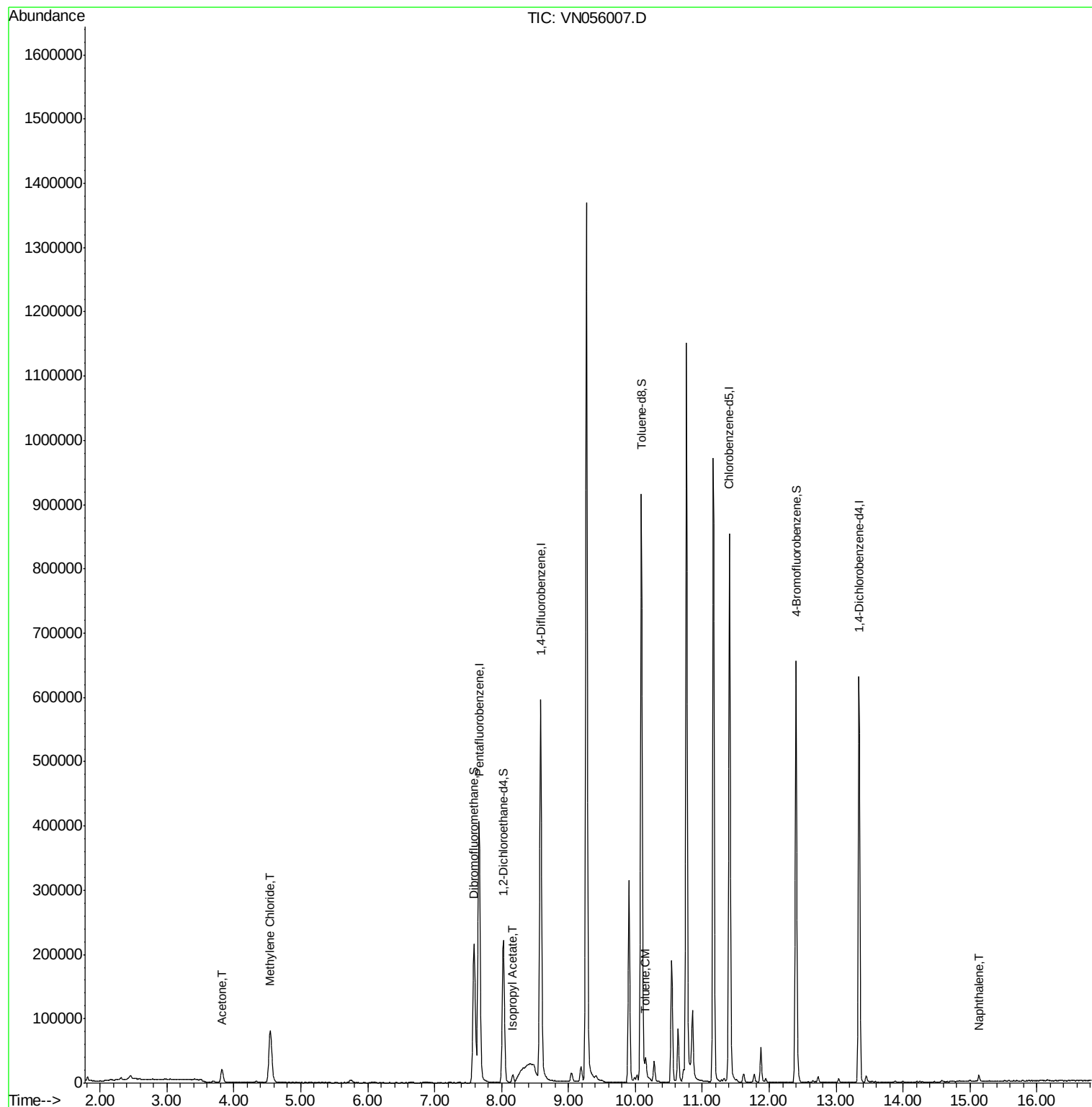
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	392032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	587153	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	558995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	192719	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	184987	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
35) Dibromofluoromethane	7.59	113	168109	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.34%	
50) Toluene-d8	10.09	98	705067	50.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.40	95	232151	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
Target Compounds						
16) Acetone	3.82	43	34488	18.525	ug/l	98
20) Methylene Chloride	4.54	84	69526	18.127	ug/l	96
43) Isopropyl Acetate	8.17	43	14615	2.008	ug/l #	90
52) Toluene	10.16	92	14532	1.523	ug/l	98
95) Naphthalene	15.13	128	9800	4.833	ug/l	98

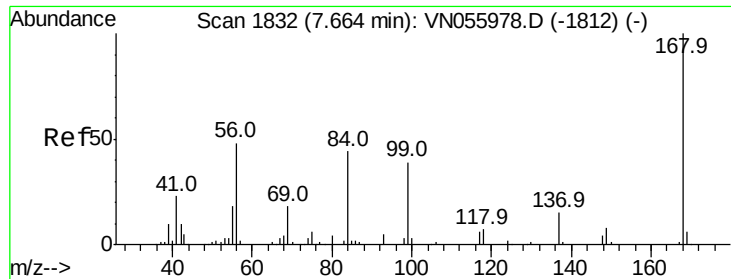
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1832

Delta R.T. 0.00 min

Lab File: VN056007.D

Acq: 5 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

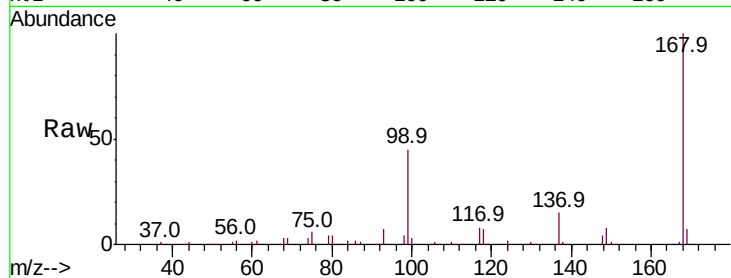
SU-02-060419-A

Tot Ion:168 Resp: 392032

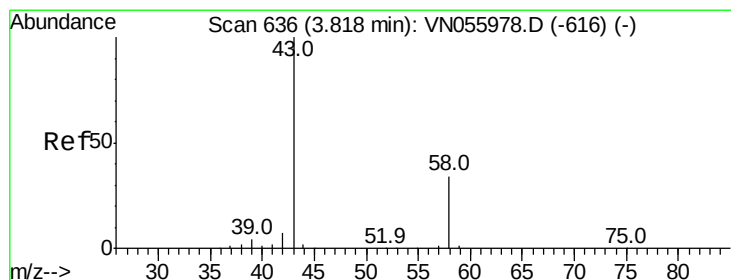
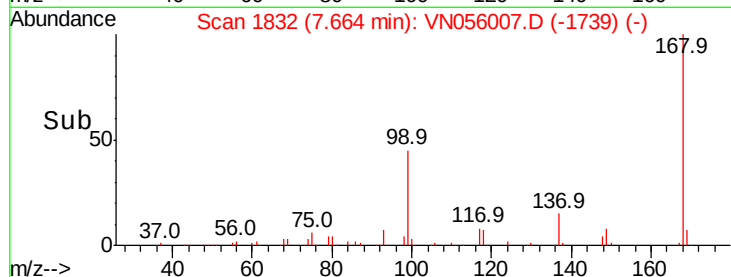
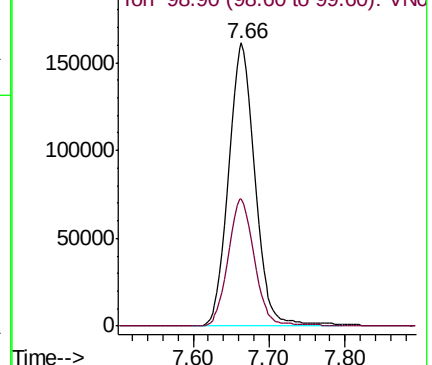
Ion Ratio Lower Upper

168 100

99 44.9 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)



#16

Acetone

Concen: 18.525 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056007.D

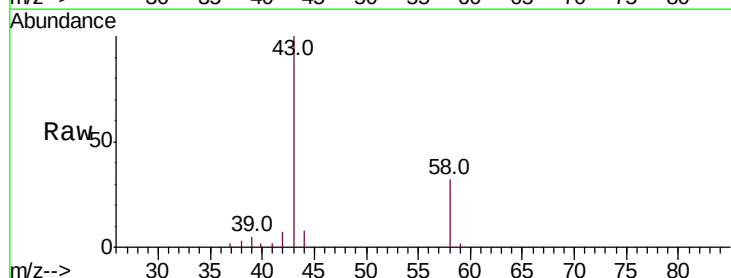
Acq: 5 Jun 2019 14:06

Tgt Ion: 43 Resp: 34488

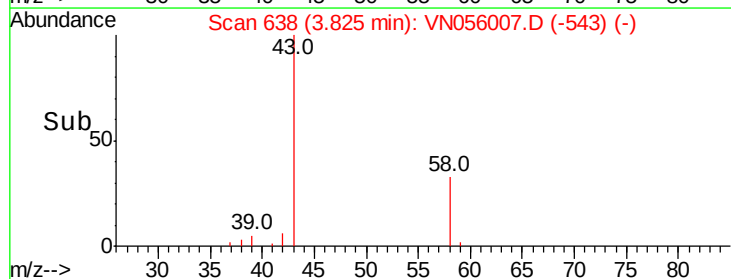
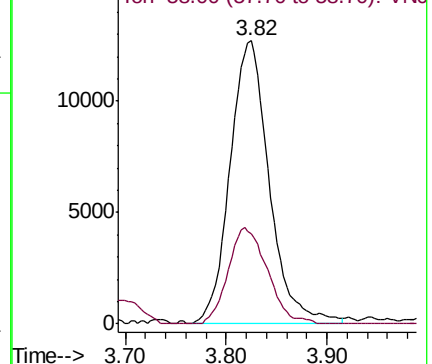
Ion Ratio Lower Upper

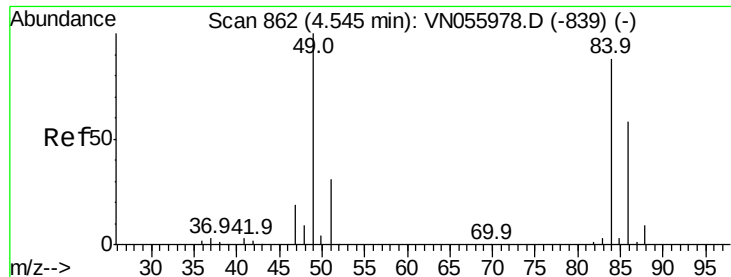
43 100

58 31.9 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-616) (-)

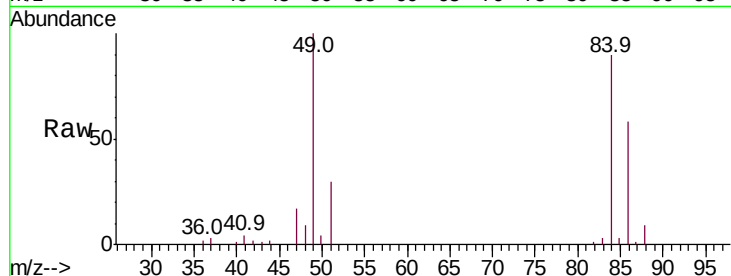




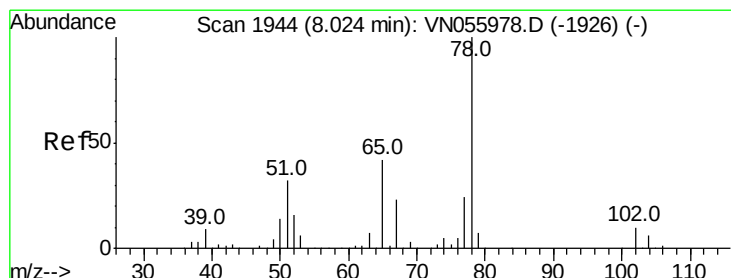
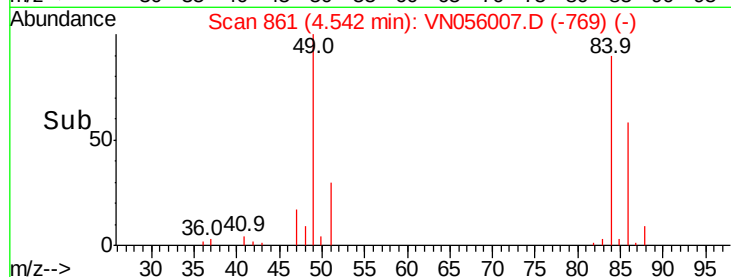
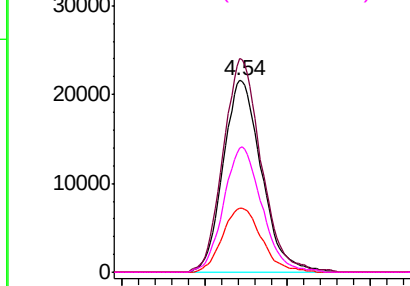
#20
Methylene Chloride
Concen: 18.127 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN056007.D
Acq: 5 Jun 2019 14:06

Instrument :
MSVOA_N
ClientSampleId :
SU-02-060419-A

Tot Ion: 84 Resp: 69526
Ion Ratio Lower Upper
84 100
49 111.4 93.5 140.3
51 33.4 28.6 43.0
86 64.5 52.6 79.0

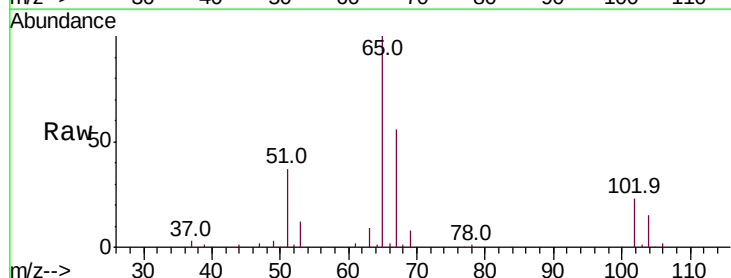


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

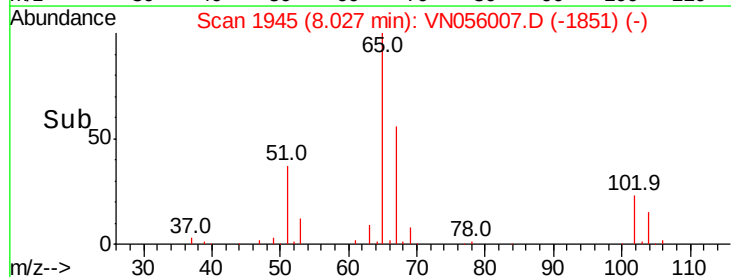
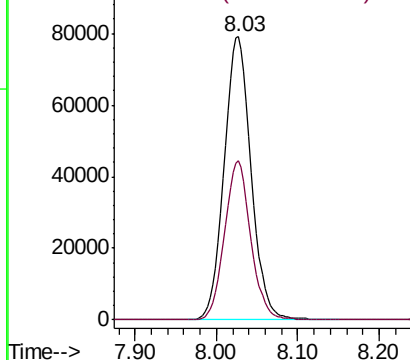


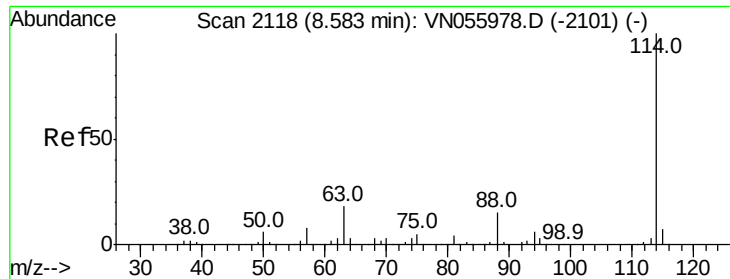
#33
1,2-Dichloroethane-d4
Concen: 47.523 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056007.D
Acq: 5 Jun 2019 14:06

Tgt Ion: 65 Resp: 184987
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.2



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

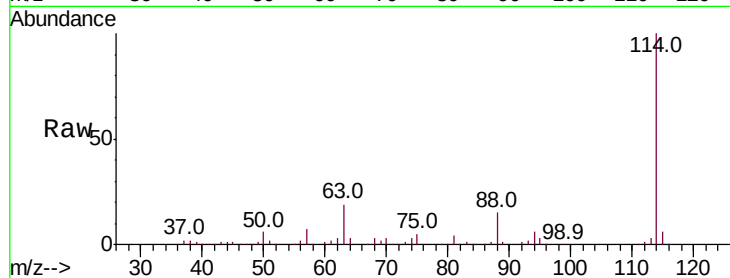




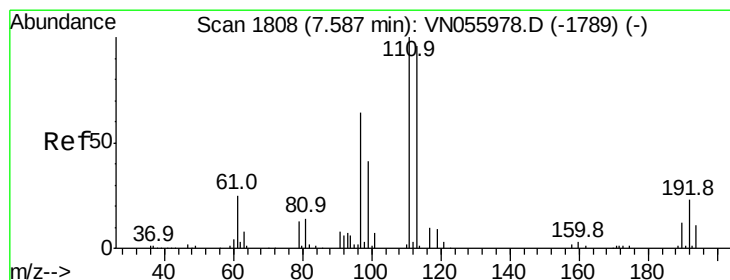
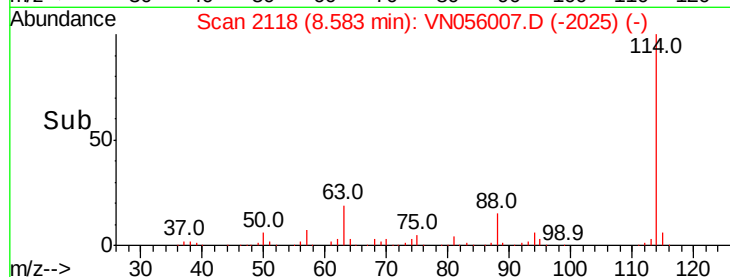
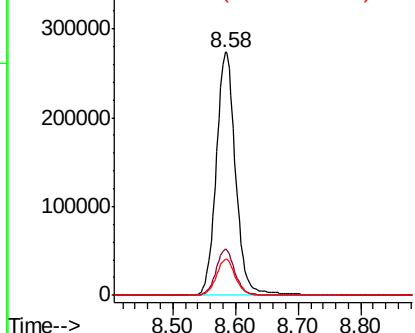
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056007.D
 Acq: 5 Jun 2019 14:06

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-060419-A

Tot Ion:114 Resp: 587153
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 14.8 0.0 31.0

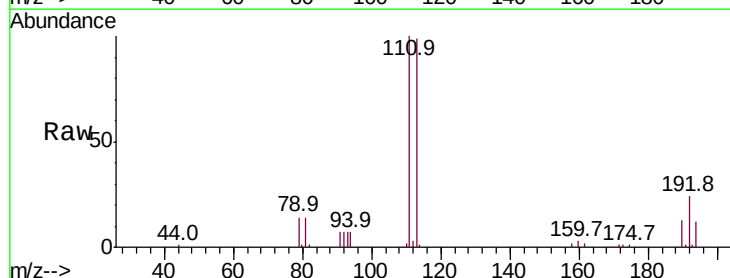


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

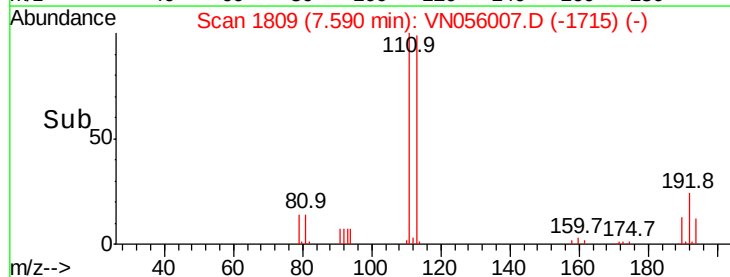
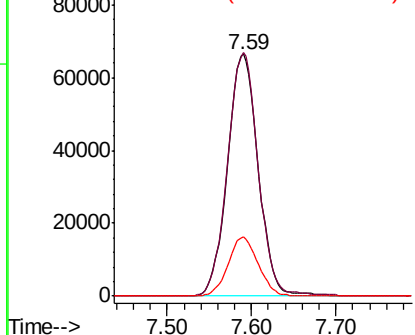


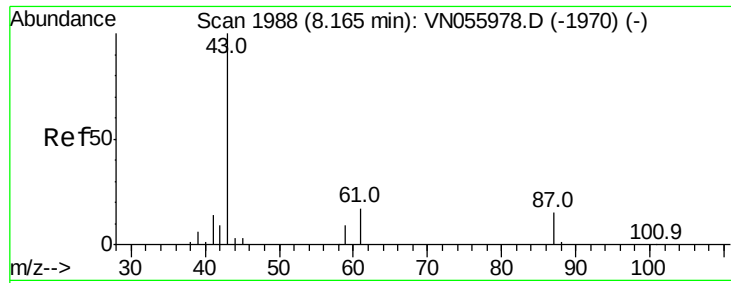
#35
 Dibromofluoromethane
 Concen: 46.666 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056007.D
 Acq: 5 Jun 2019 14:06

Tgt Ion:113 Resp: 168109
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.9 122.9
 192 24.0 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





#43

Isopropyl Acetate

Concen: 2.008 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056007.D

Acq: 5 Jun 2019 14:06

Instrument :

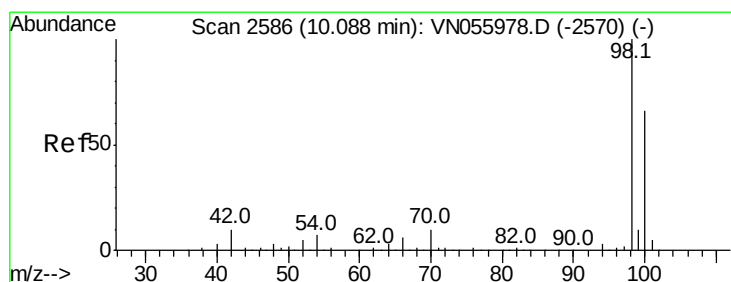
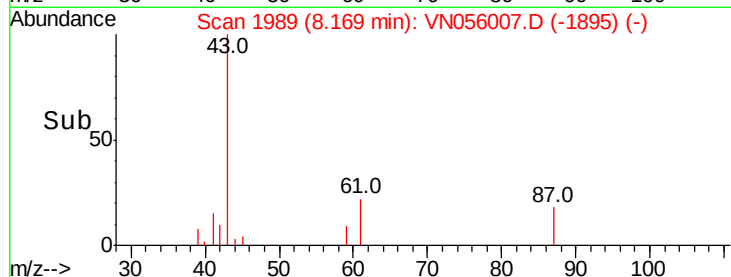
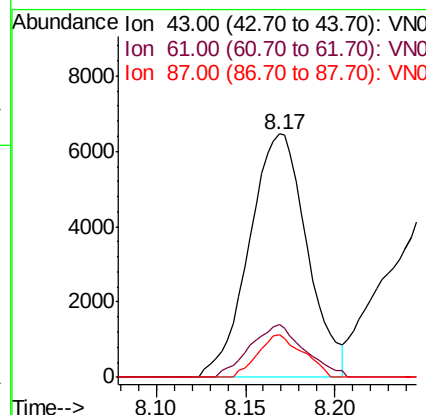
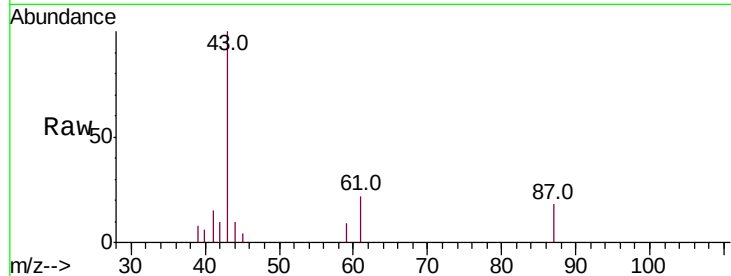
MSVOA_N

ClientSampleId :

SU-02-060419-A

Tot Ion: 43 Resp: 14615

Ion	Ratio	Lower	Upper
43	100		
61	20.5	22.2	33.4#
87	13.6	11.4	17.2



#50

Toluene-d8

Concen: 50.863 ug/l

RT: 10.09 min Scan# 2586

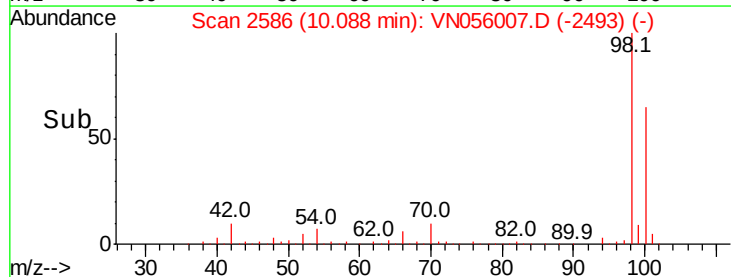
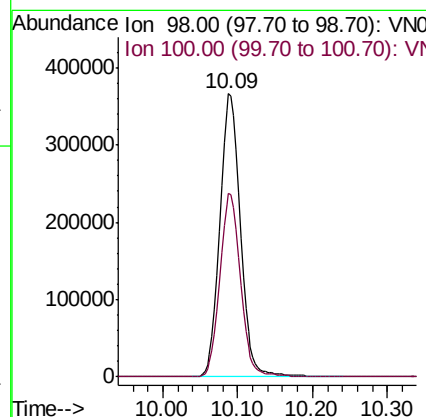
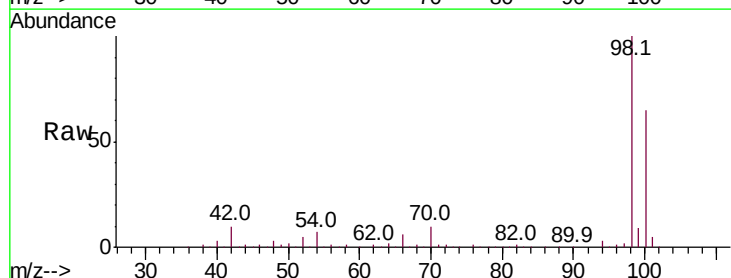
Delta R.T. 0.00 min

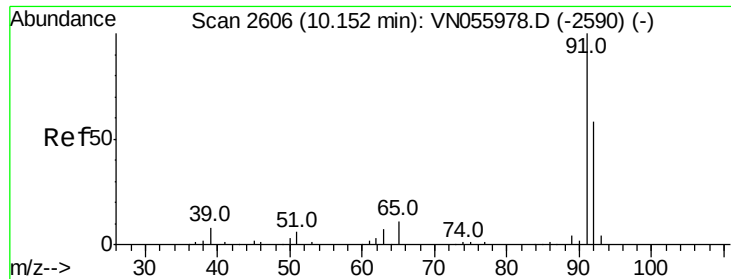
Lab File: VN056007.D

Acq: 5 Jun 2019 14:06

Tgt Ion: 98 Resp: 705067

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9





#52

Toluene

Concen: 1.523 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056007.D

Acq: 5 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

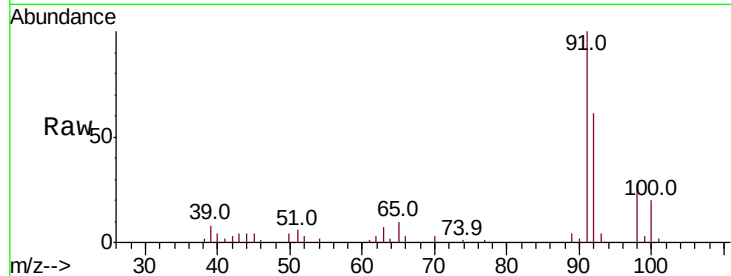
SU-02-060419-A

Tot Ion: 92 Resp: 14532

Ion Ratio Lower Upper

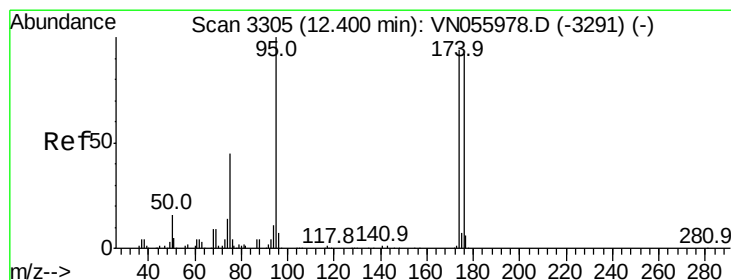
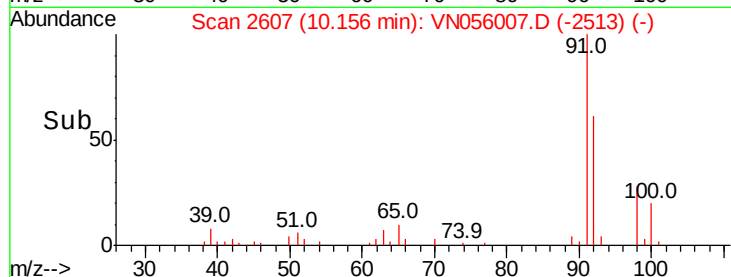
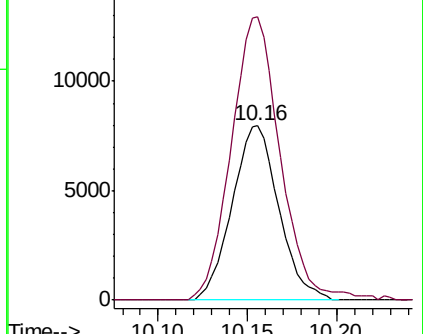
92 100

91 170.9 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: 49.246 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056007.D

Acq: 5 Jun 2019 14:06

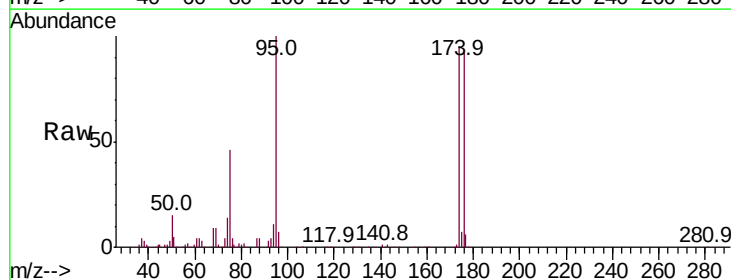
Tgt Ion: 95 Resp: 232151

Ion Ratio Lower Upper

95 100

174 95.1 0.0 191.0

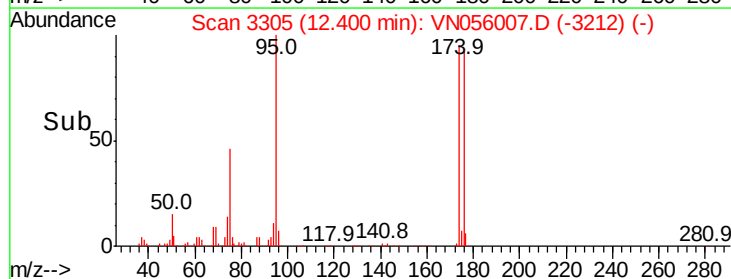
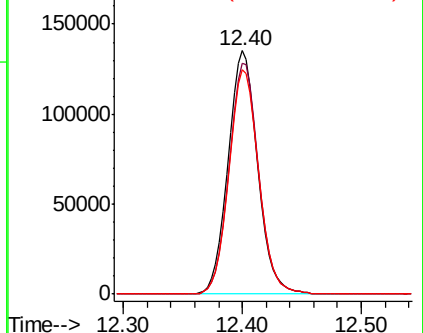
176 93.3 0.0 185.2

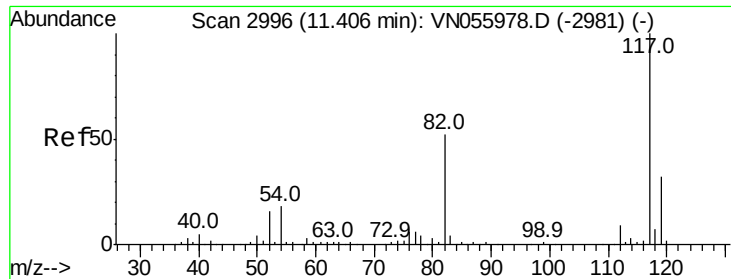


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

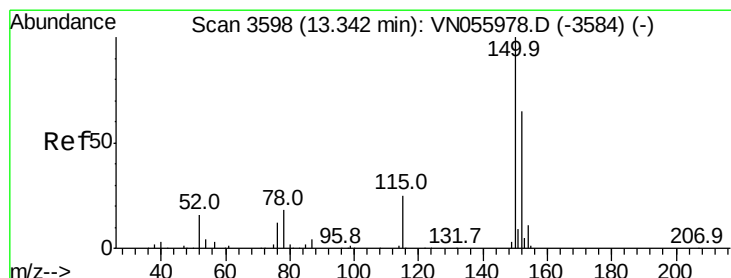
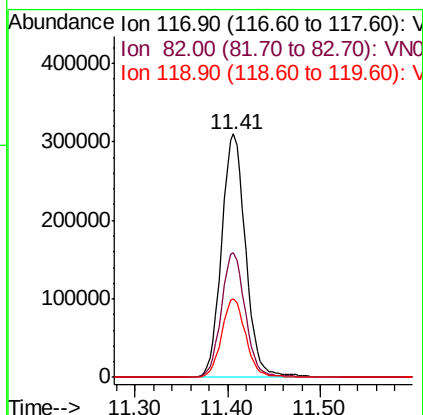
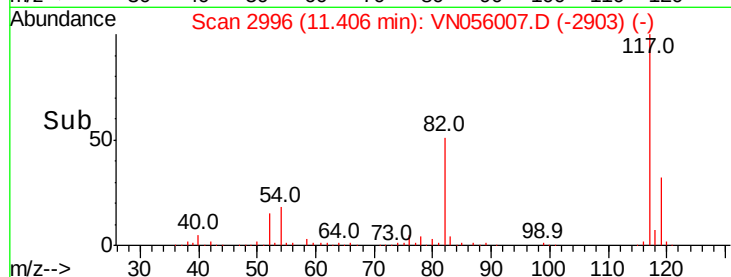
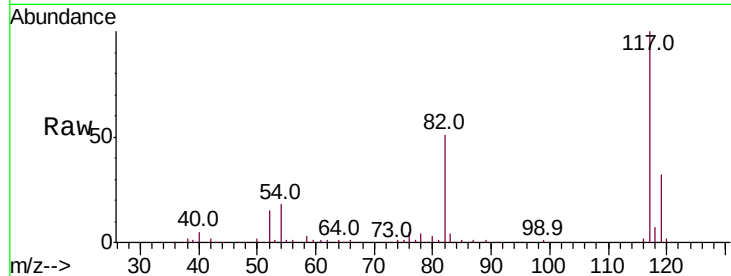




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056007.D
Acq: 5 Jun 2019 14:06

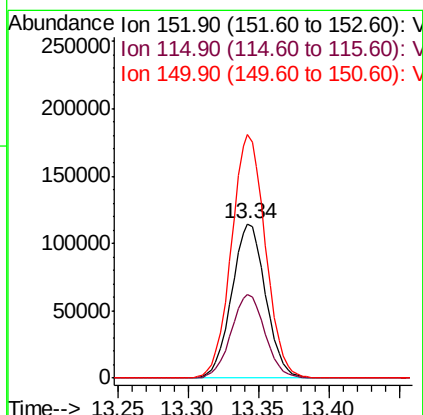
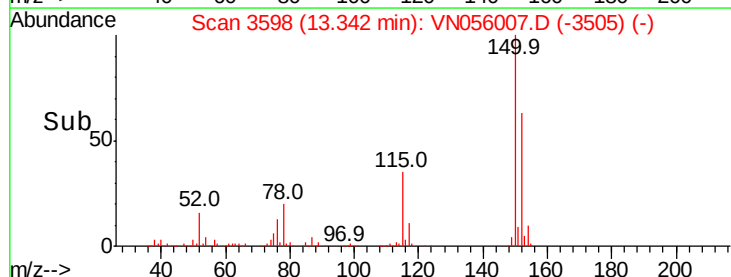
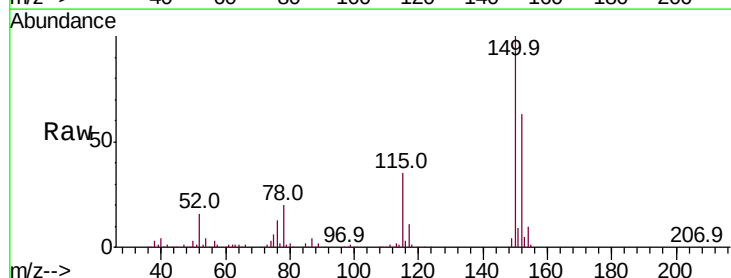
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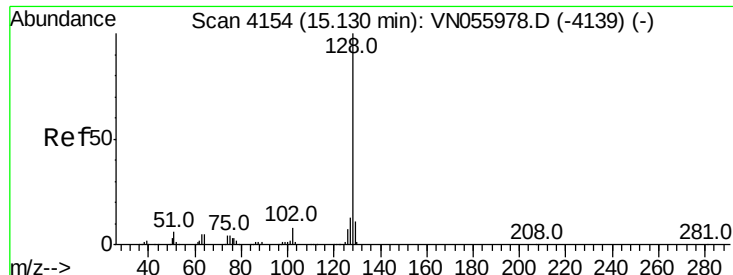
Tot Ion:117 Resp: 558995
Ion Ratio Lower Upper
117 100
82 51.1 41.8 62.8
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056007.D
Acq: 5 Jun 2019 14:06

Tgt Ion:152 Resp: 192719
Ion Ratio Lower Upper
152 100
115 54.2 27.0 81.0
150 157.8 0.0 343.2





#95

Naphthalene

Concen: 4.833 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056007.D

Acq: 5 Jun 2019 14:06

Instrument :

MSVOA_N

ClientSampleId :

SU-02-060419-A

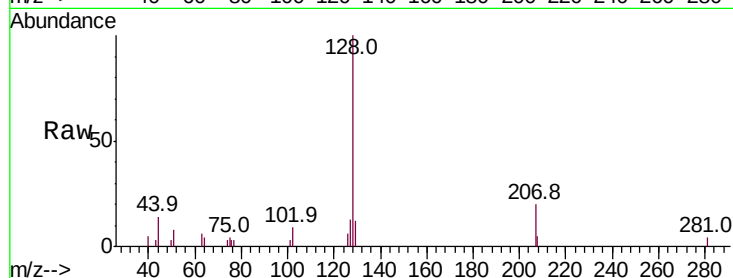
Tot Ion:128 Resp: 9800

Ion Ratio Lower Upper

128 100

127 12.1 10.3 15.5

129 11.2 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

