

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071919\
 Data File : VN056843.D
 Acq On : 19 Jul 2019 19:33
 Operator : JC/SP
 Sample : K3868-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Jul 20 00:31:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 07:03:34 2019
 Response via : Initial Calibration

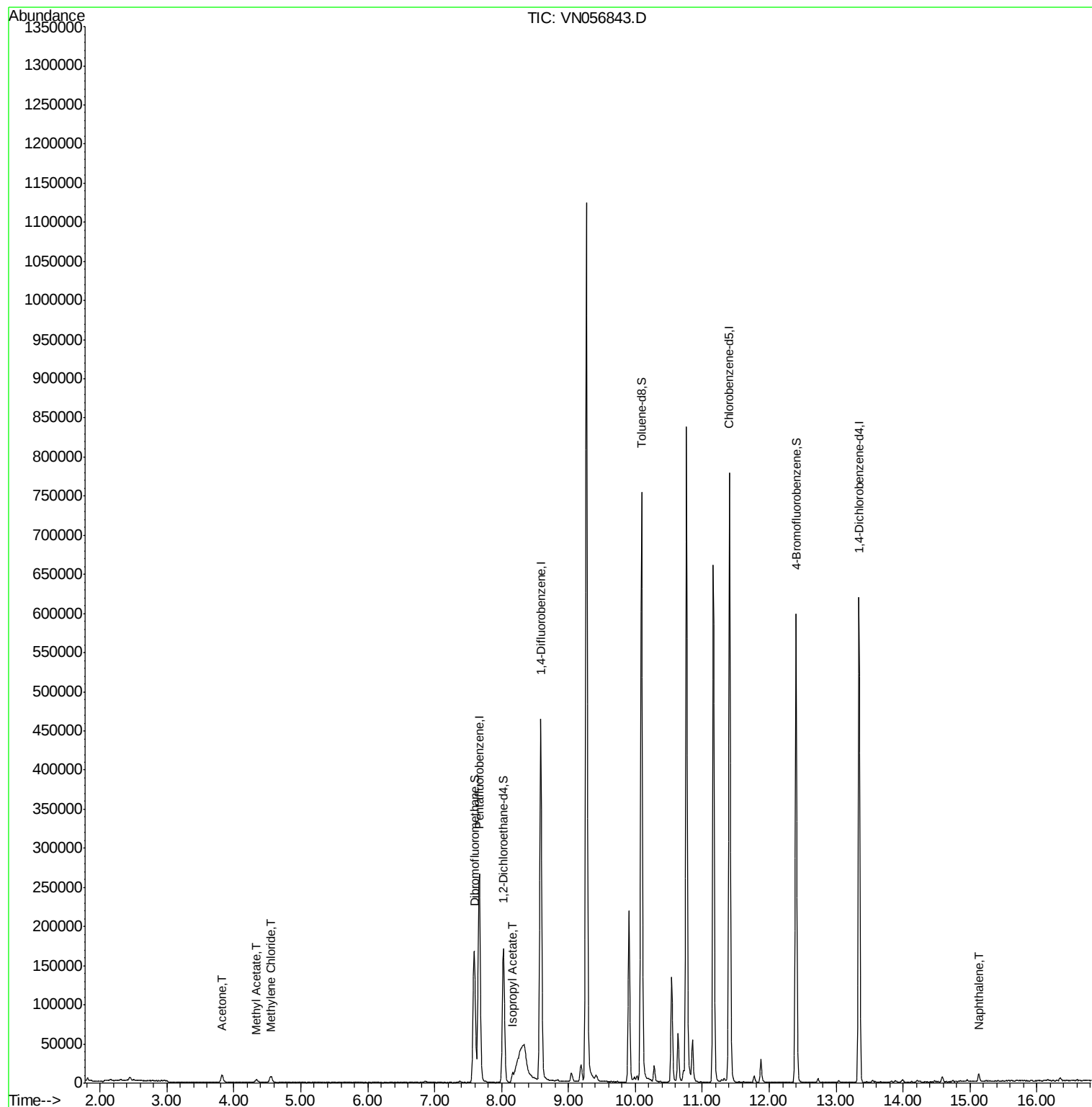
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	239035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	447198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	490975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180261	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	145266	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.88%	
35) Dibromofluoromethane	7.59	113	131958	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
50) Toluene-d8	10.09	98	568704	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.40	95	213839	58.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.98%	
Target Compounds						
16) Acetone	3.82	43	17570	14.420	ug/l	99
18) Methyl Acetate	4.34	43	7825	1.923	ug/l #	85
20) Methylene Chloride	4.55	84	6145	2.308	ug/l	93
43) Isopropyl Acetate	8.17	43	14871	2.319	ug/l	96
95) Naphthalene	15.13	128	9601	5.430	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056843.D

Acq: 19 Jul 2019 19:33

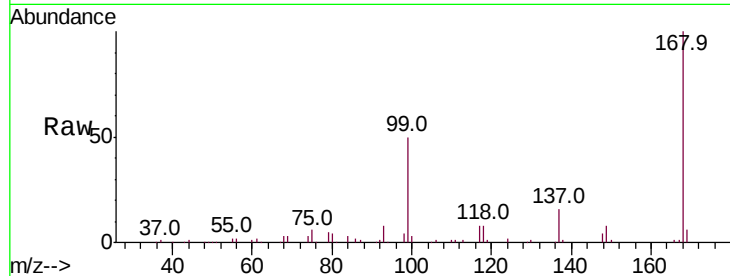
Instrument :
MSVOA_N
ClientSampled :
TP-3

Tot Ion:168 Resp: 239035

Ion Ratio Lower Upper

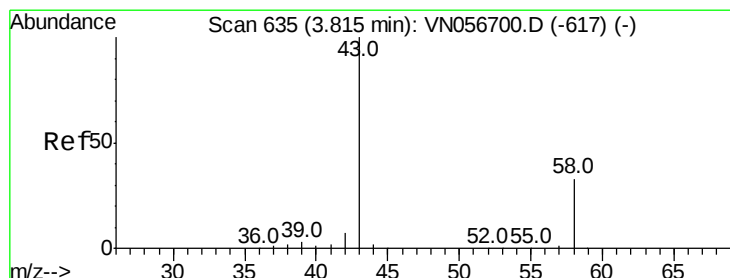
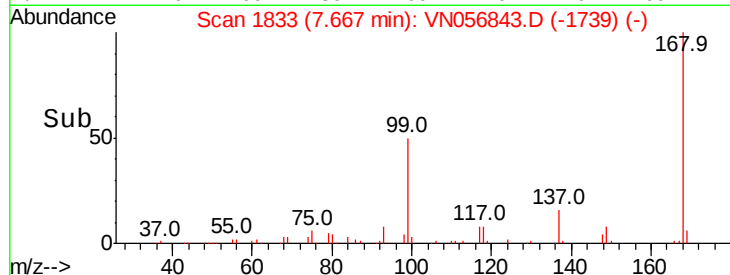
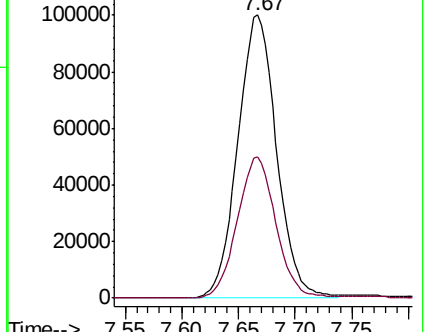
168 100

99 49.9 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 14.420 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056843.D

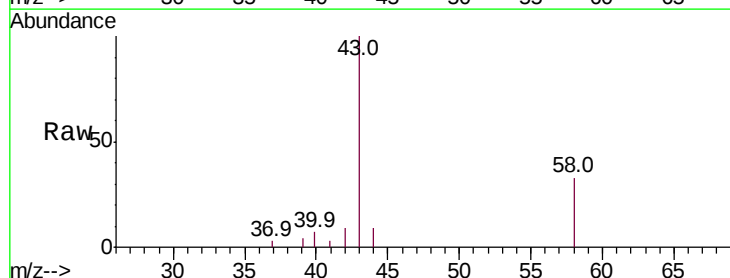
Acq: 19 Jul 2019 19:33

Tgt Ion: 43 Resp: 17570

Ion Ratio Lower Upper

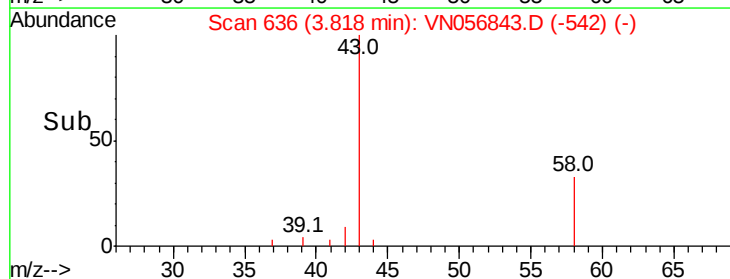
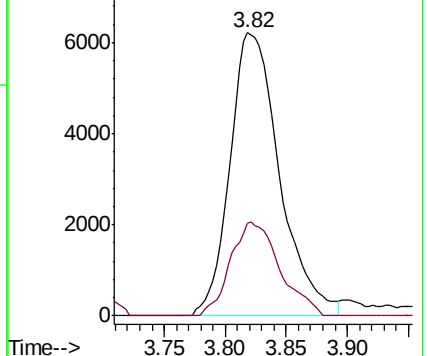
43 100

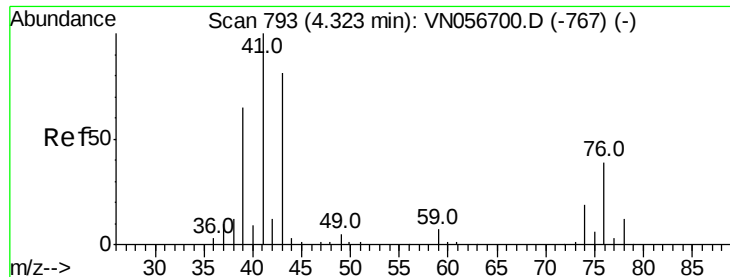
58 32.6 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

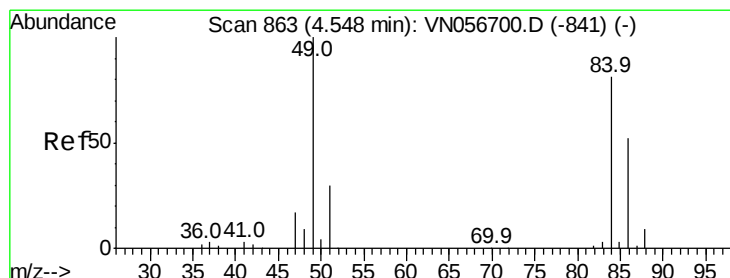
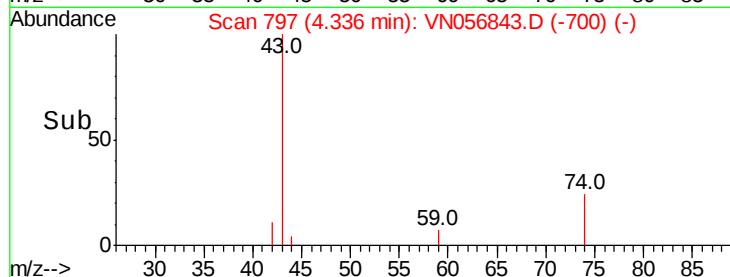
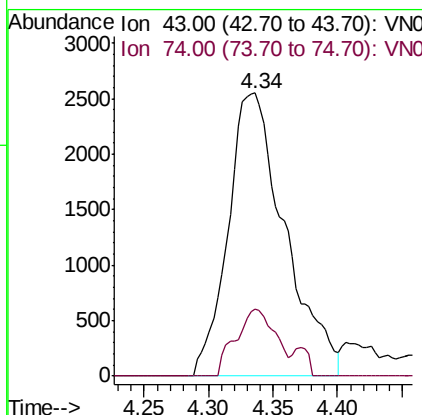
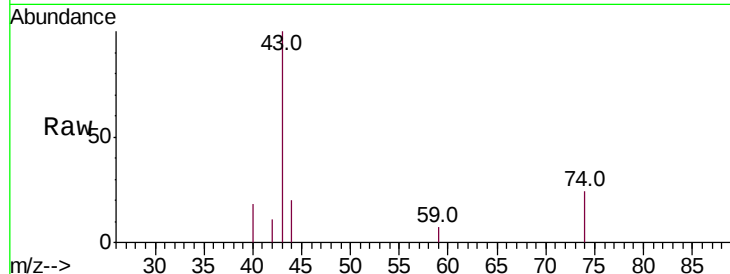




#18
Methyl Acetate
Concen: 1.923 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN056843.D
Acq: 19 Jul 2019 19:33

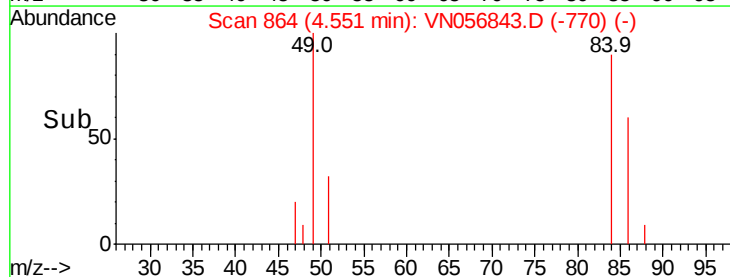
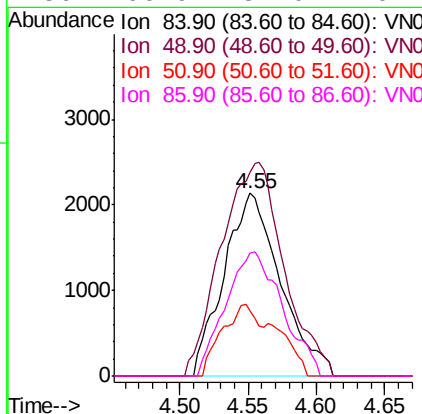
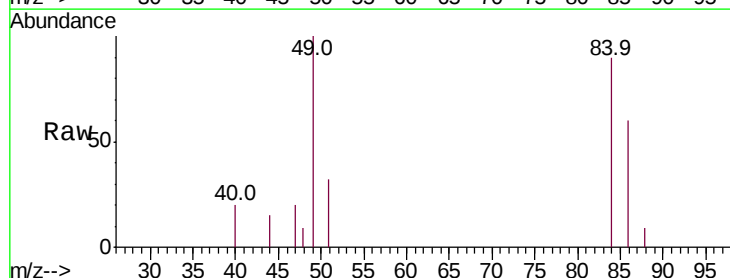
Instrument :
MSVOA_N
ClientSampled :
TP-3

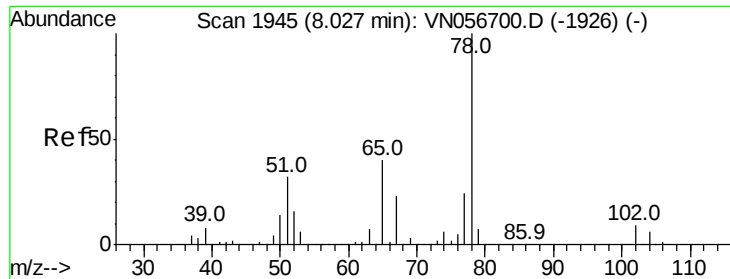
Tot Ion: 43 Resp: 7825
Ion Ratio Lower Upper
43 100
74 16.4 18.9 28.3#



#20
Methylene Chloride
Concen: 2.308 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056843.D
Acq: 19 Jul 2019 19:33

Tgt Ion: 84 Resp: 6145
Ion Ratio Lower Upper
84 100
49 111.1 98.2 147.4
51 36.0 29.6 44.4
86 66.9 51.0 76.4

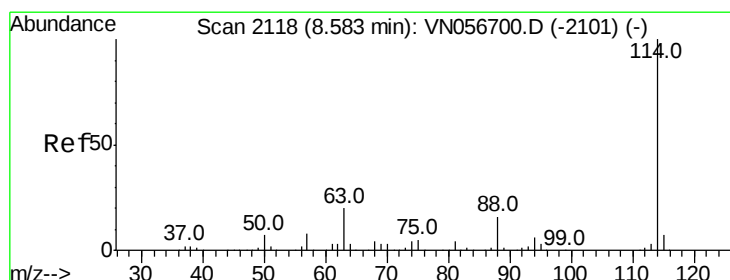
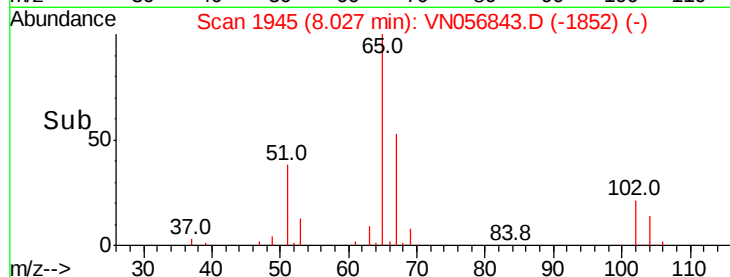
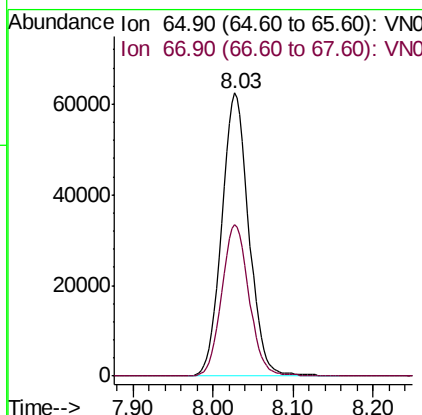
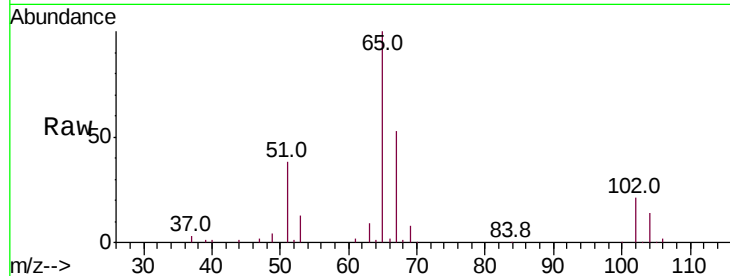




#33
 1,2-Dichloroethane-d4
 Concen: 54.941 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056843.D
 Acq: 19 Jul 2019 19:33

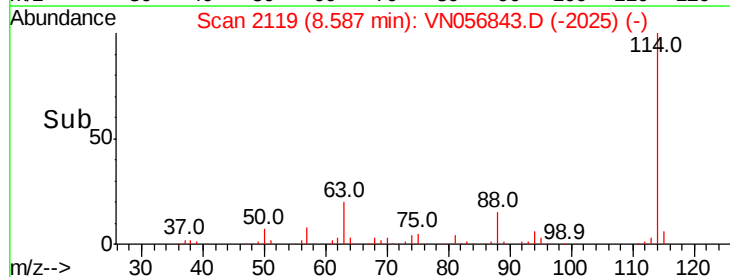
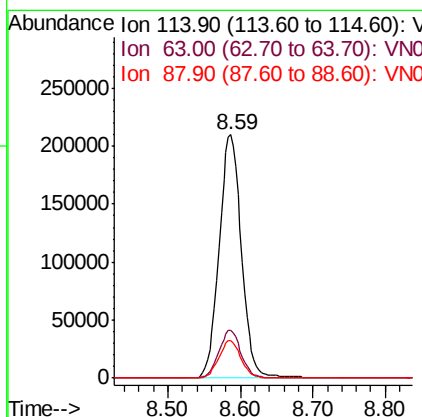
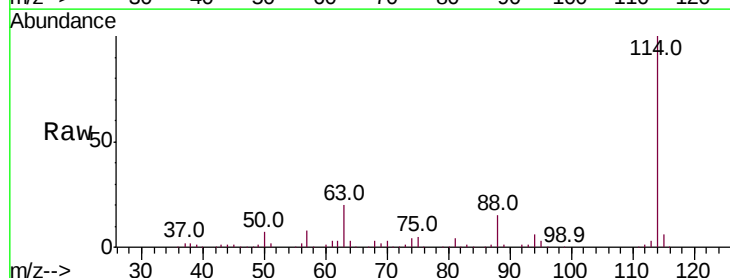
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

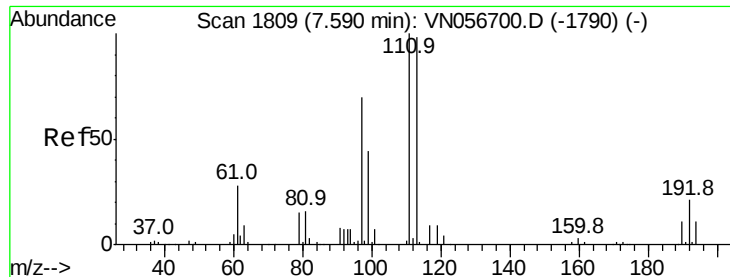
Tot Ion: 65 Resp: 145266
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056843.D
 Acq: 19 Jul 2019 19:33

Tgt Ion: 114 Resp: 447198
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 15.4 0.0 31.2

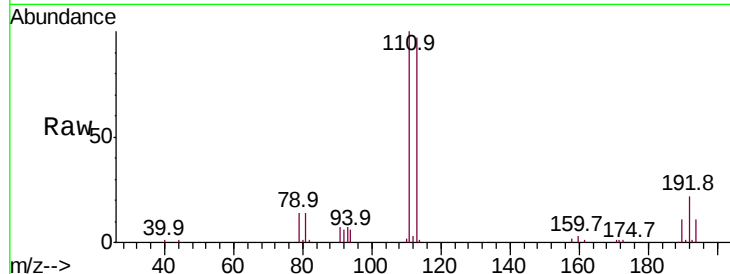




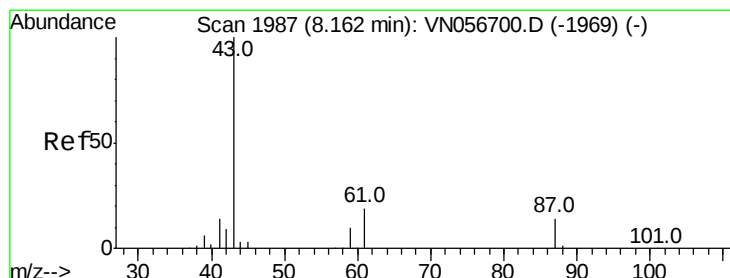
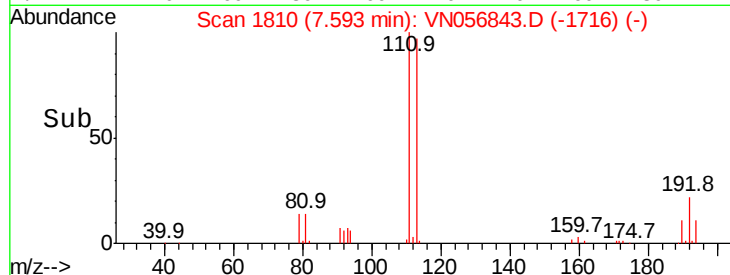
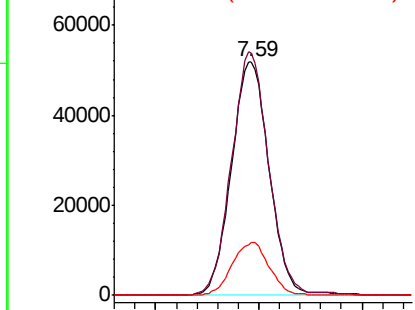
#35
 Dibromofluoromethane
 Concen: 47.416 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN056843.D
 Acq: 19 Jul 2019 19:33

Instrument :
 MSVOA_N
 ClientSampled :
 TP-3

Tot Ion:113 Resp: 131958
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.6
 192 22.4 17.5 26.3

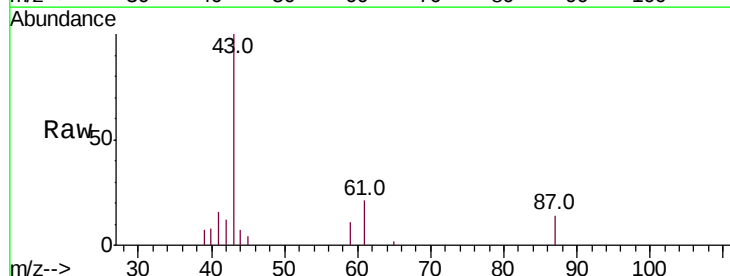


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

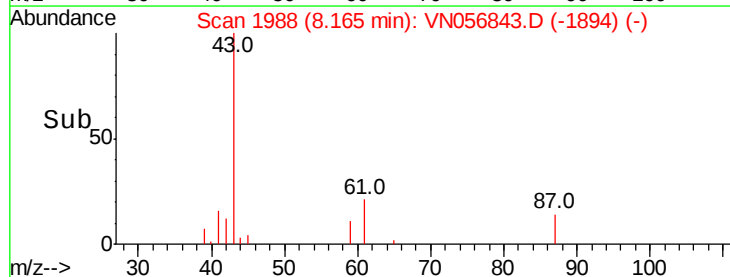
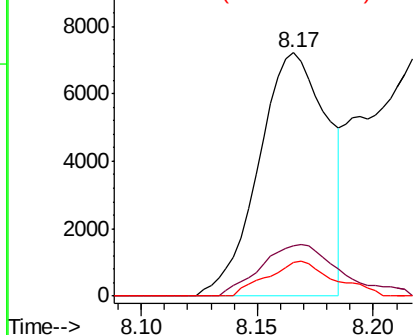


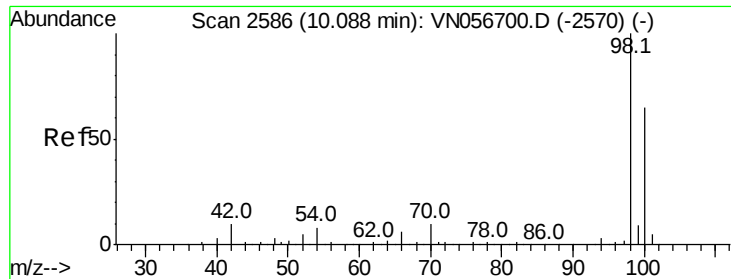
#43
 Isopropyl Acetate
 Concen: 2.319 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN056843.D
 Acq: 19 Jul 2019 19:33

Tgt Ion: 43 Resp: 14871
 Ion Ratio Lower Upper
 43 100
 61 24.5 22.3 33.5
 87 13.9 11.1 16.7



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 52.910 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056843.D

Acq: 19 Jul 2019 19:33

Instrument :

MSVOA_N

ClientSampleId :

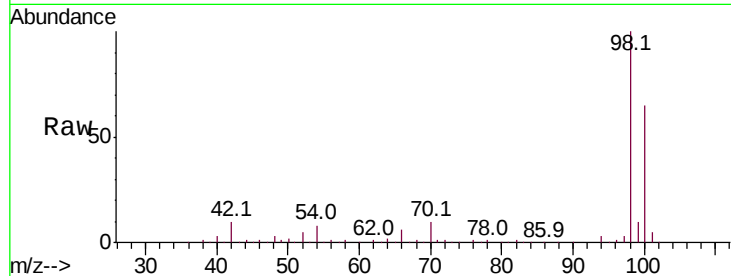
TP-3

Tot Ion: 98 Resp: 568704

Ion Ratio Lower Upper

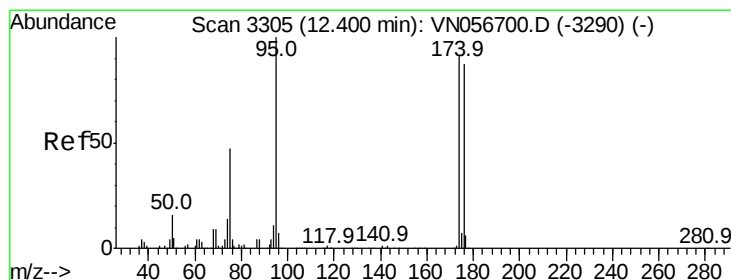
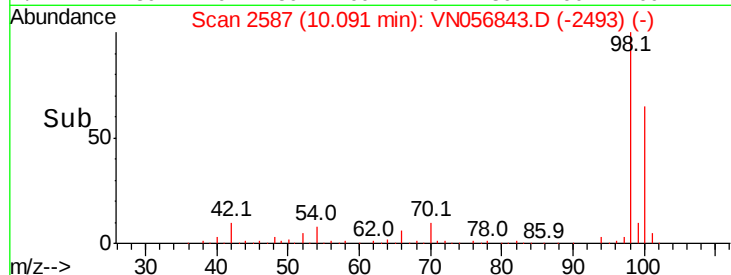
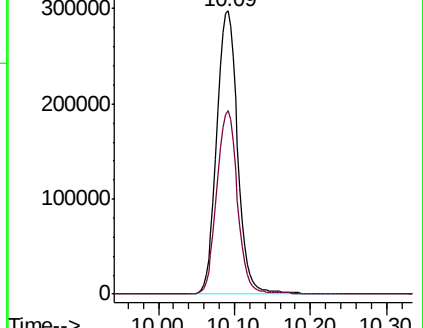
98 100

100 64.4 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 58.993 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056843.D

Acq: 19 Jul 2019 19:33

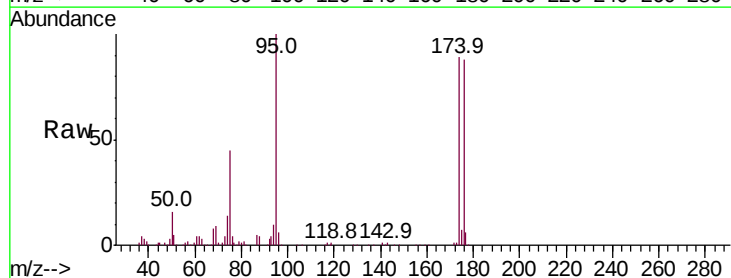
Tgt Ion: 95 Resp: 213839

Ion Ratio Lower Upper

95 100

174 90.4 0.0 180.0

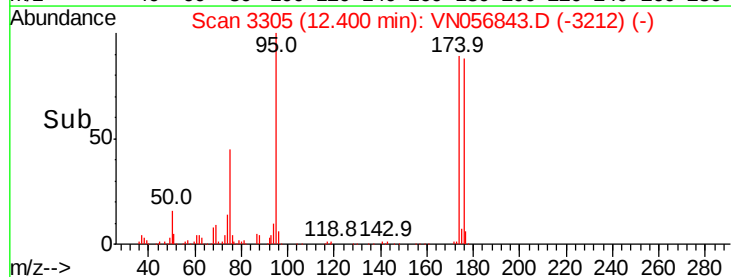
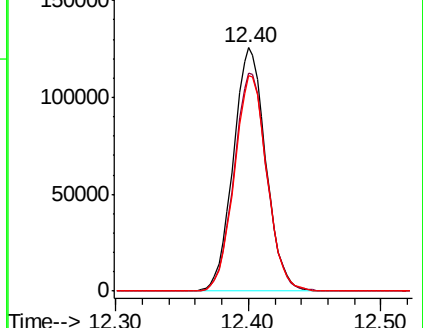
176 88.9 0.0 173.2

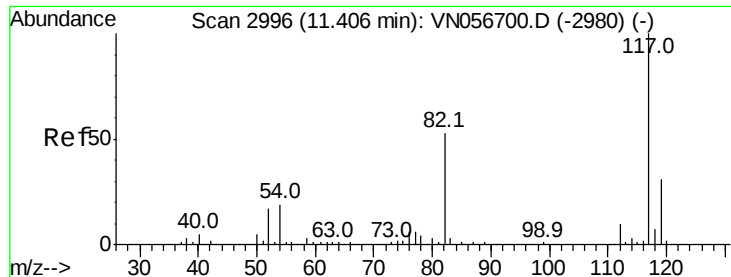


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

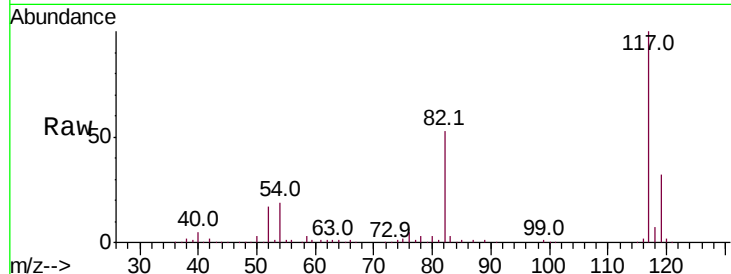




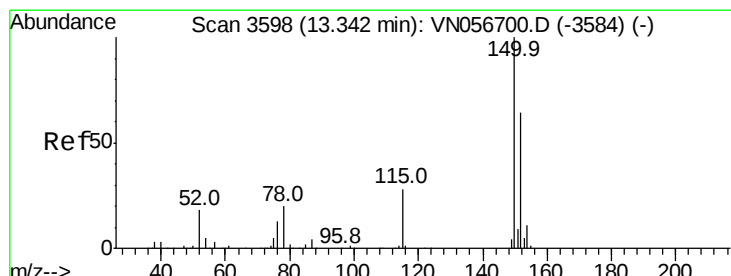
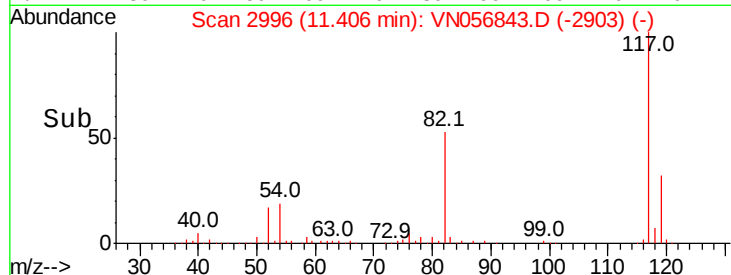
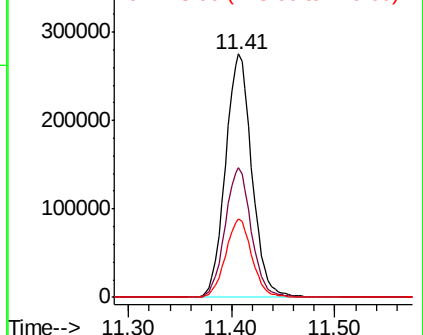
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056843.D
Acq: 19 Jul 2019 19:33

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tot Ion:117 Resp: 490975
Ion Ratio Lower Upper
117 100
82 53.0 42.2 63.2
119 32.2 25.2 37.8

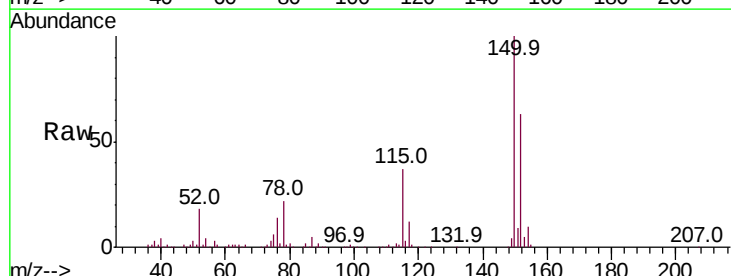


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

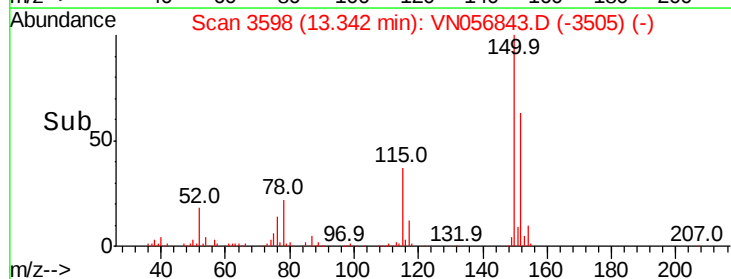
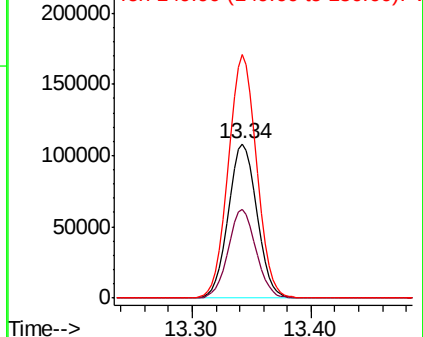


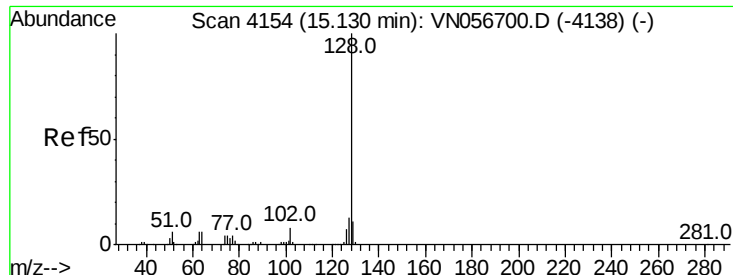
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056843.D
Acq: 19 Jul 2019 19:33

Tgt Ion:152 Resp: 180261
Ion Ratio Lower Upper
152 100
115 55.8 28.2 84.7
150 156.0 0.0 345.8



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





#95

Naphthalene

Concen: 5.430 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056843.D

Acq: 19 Jul 2019 19:33

Instrument :

MSVOA_N

ClientSampleId :

TP-3

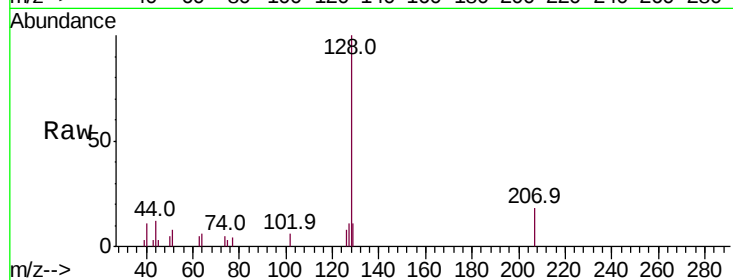
Tot Ion:128 Resp: 9601

Ion Ratio Lower Upper

128 100

127 10.7 10.3 15.5

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

