

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072319\
 Data File : VN056871.D
 Acq On : 23 Jul 2019 12:10
 Operator : JC/SP
 Sample : K3617-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-071919-A

Quant Time: Jul 24 01:37:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 01:46:34 2019
 Response via : Initial Calibration

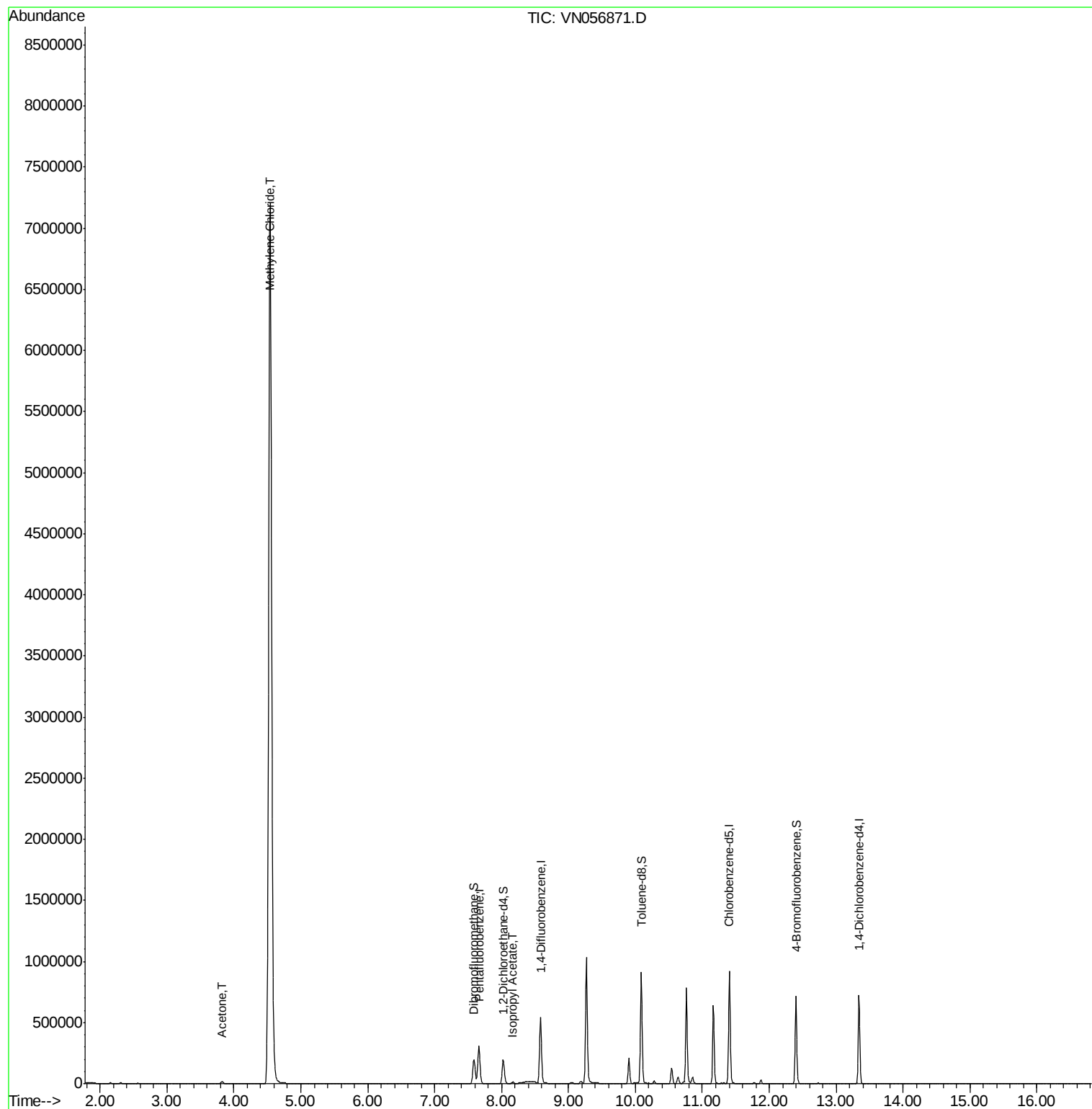
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	272662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	509070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	584217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	212132	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	166200	57.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.30%	
35) Dibromofluoromethane	7.59	113	155085	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
50) Toluene-d8	10.09	98	659715	53.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.88%	
62) 4-Bromofluorobenzene	12.40	95	254507	63.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.00%	
Target Compounds						
16) Acetone	3.82	43	25770	24.606	ug/l	96
20) Methylene Chloride	4.54	84	5705424	1821.866	ug/l	99
43) Isopropyl Acetate	8.17	43	15693	2.411	ug/l	95

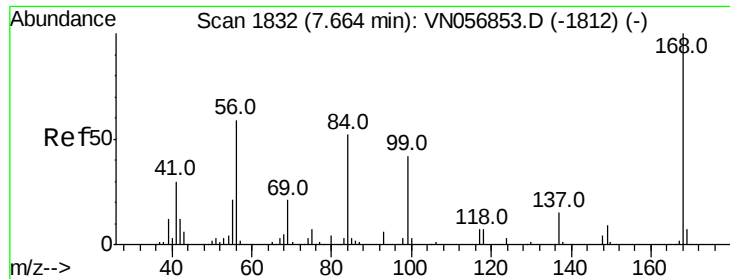
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072319\
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Acq On : 23 Jul 2019 12:10
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Sample : K3617-02
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Quant Title : SW846 8260
QLast Update : Tue Jul 23 01:46:34 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: VN056871.D

Acq: 23 Jul 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

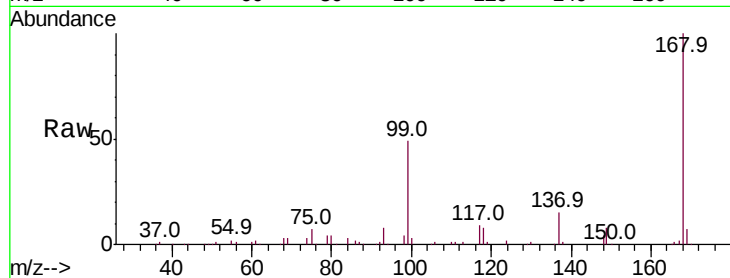
NB-07-071919-A

Tot Ion:168 Resp: 272662

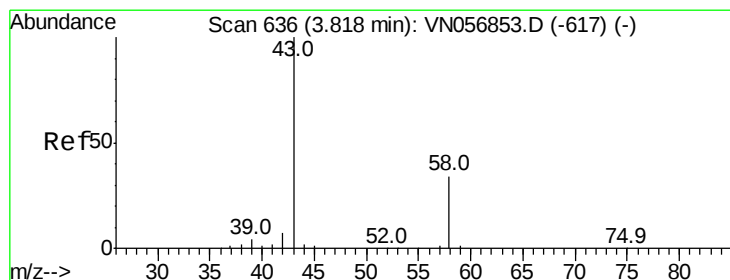
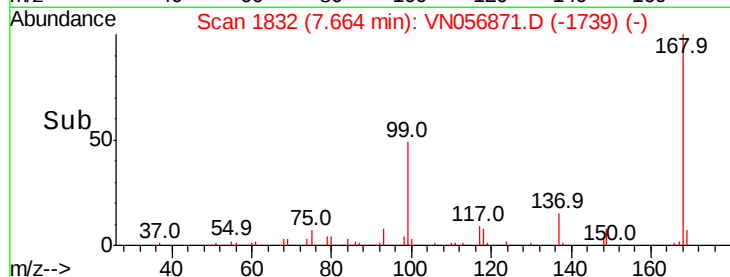
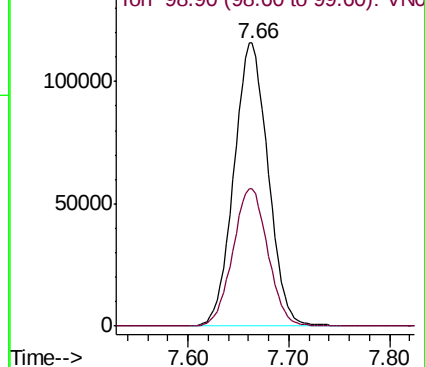
Ion Ratio Lower Upper

168 100

99 48.7 40.9 61.3



Abundance Ion 167.90 (167.60 to 168.60): VN056871.D (-1739) (-)



#16

Acetone

Concen: 24.606 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056871.D

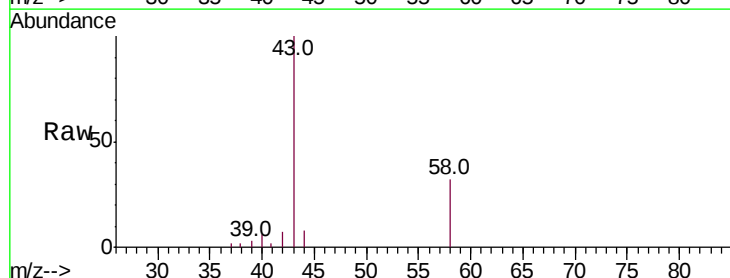
Acq: 23 Jul 2019 12:10

Tgt Ion: 43 Resp: 25770

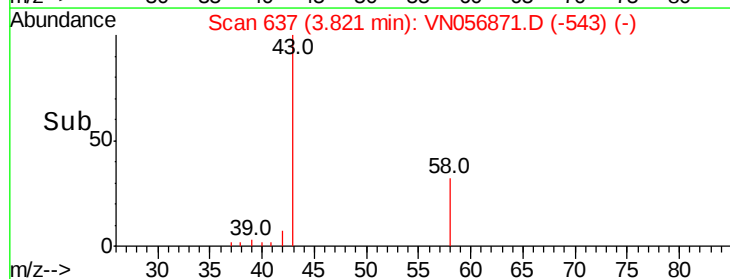
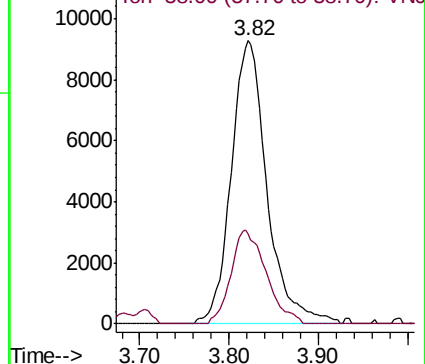
Ion Ratio Lower Upper

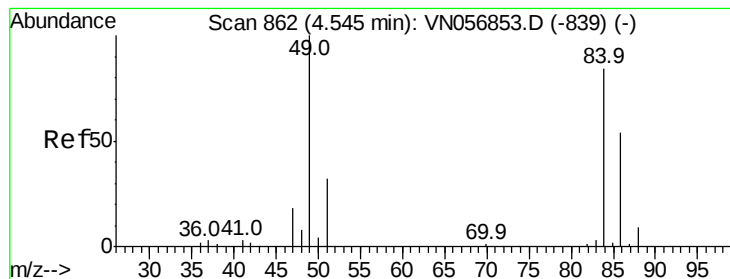
43 100

58 31.6 27.3 40.9



Abundance Ion 43.00 (42.70 to 43.70): VN056871.D (-543) (-)





#20

Methvlene Chloride

Concen: 1821.866 ug/l

RT: 4.54 min Scan# 861

Delta R.T. -0.00 min

Lab File: VN056871.D

Acq: 23 Jul 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

NB-07-071919-A

Tot Ion: 84 Resp: 5705424

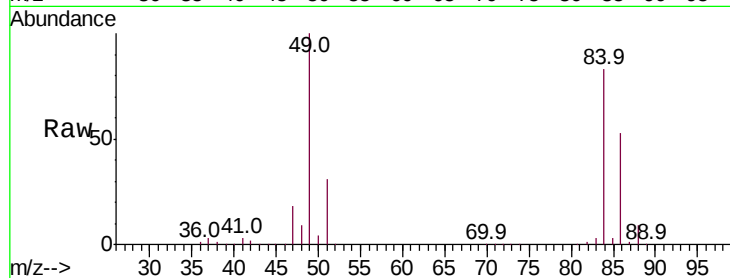
Ion	Ratio	Lower	Upper
84	100		
49	120.2	94.9	142.3
51	37.6	29.9	44.9
86	64.3	51.4	77.2

84 100

49 120.2 94.9 142.3

51 37.6 29.9 44.9

86 64.3 51.4 77.2

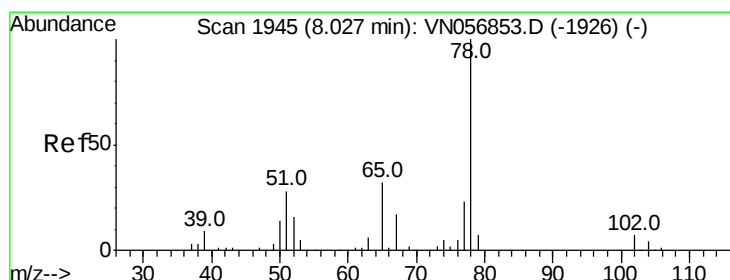
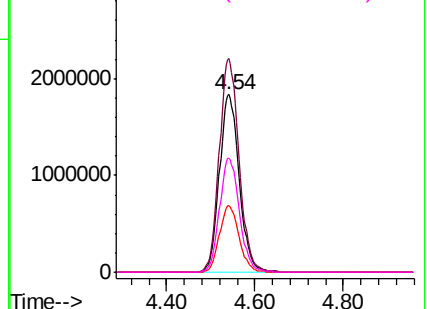
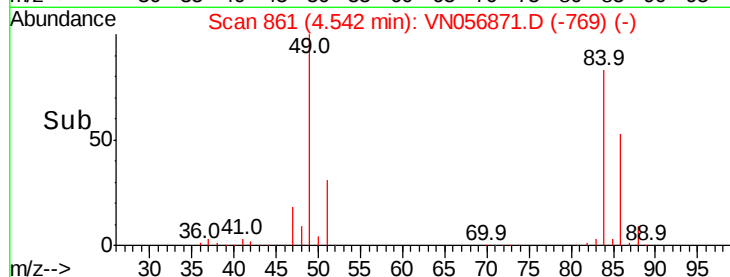


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 57.146 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN056871.D

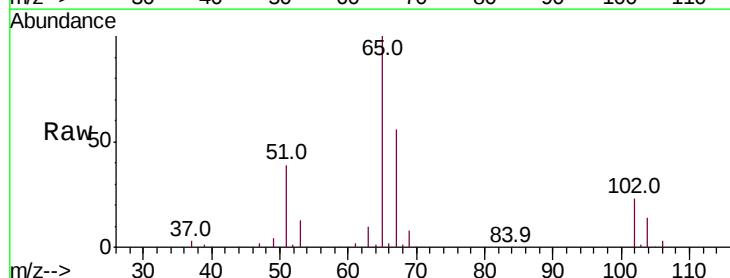
Acq: 23 Jul 2019 12:10

Tgt Ion: 65 Resp: 166200

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	108.6

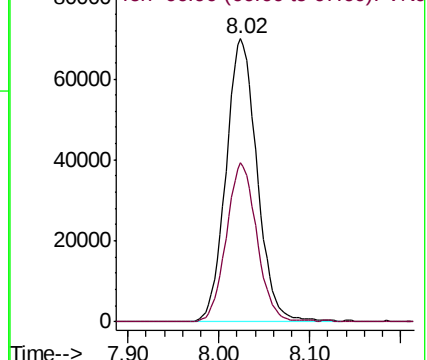
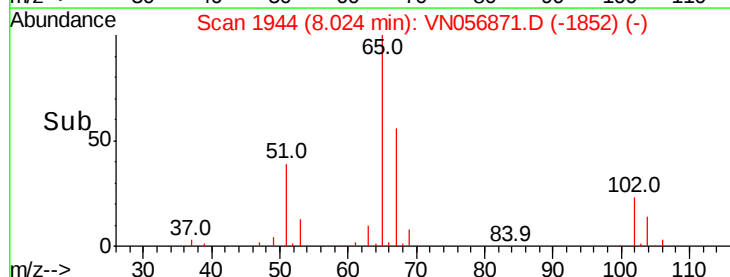
65 100

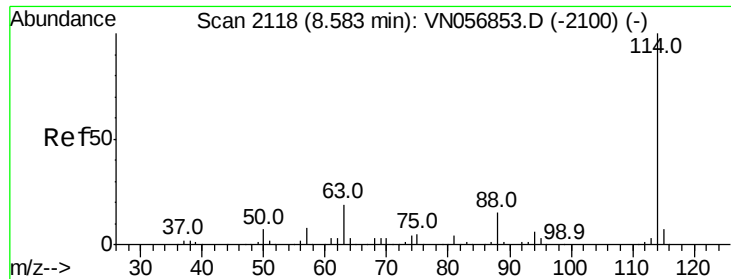
67 54.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

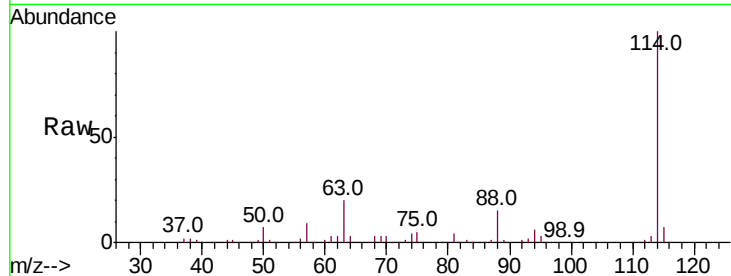




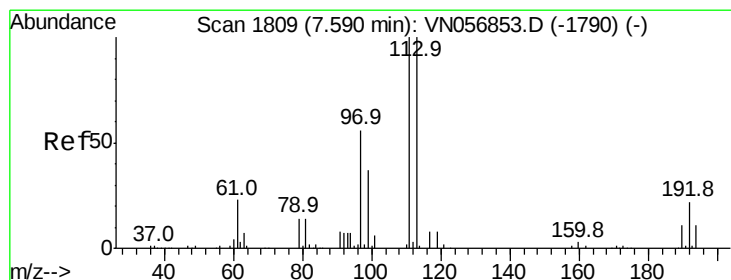
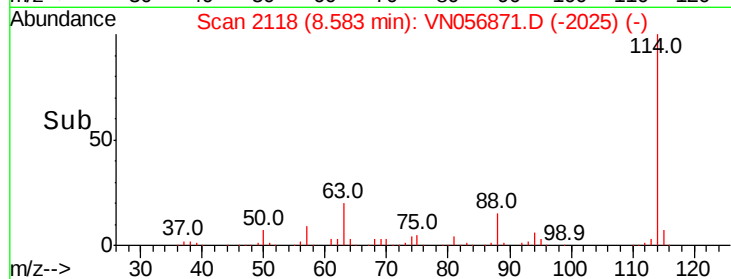
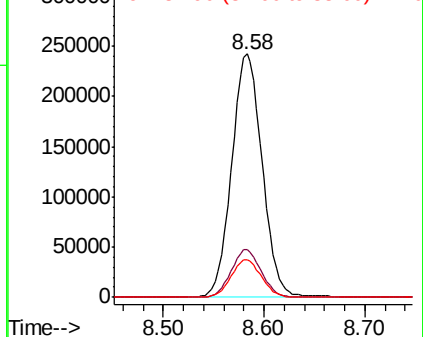
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056871.D
 Acq: 23 Jul 2019 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-071919-A

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	37.8
88	15.5	0.0	31.0

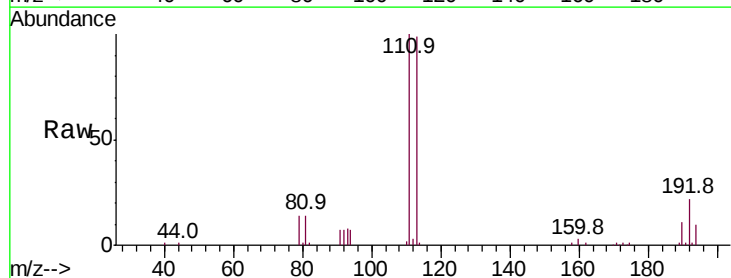


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

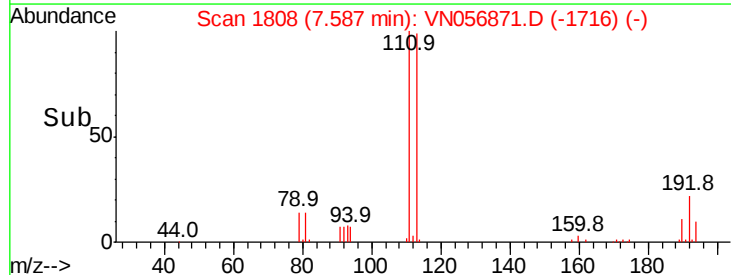
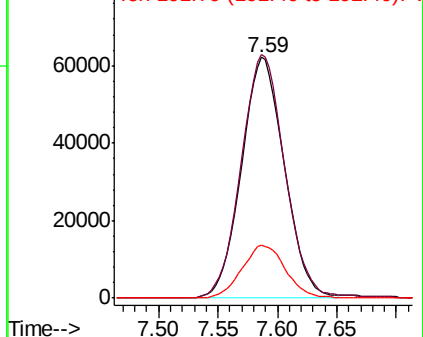


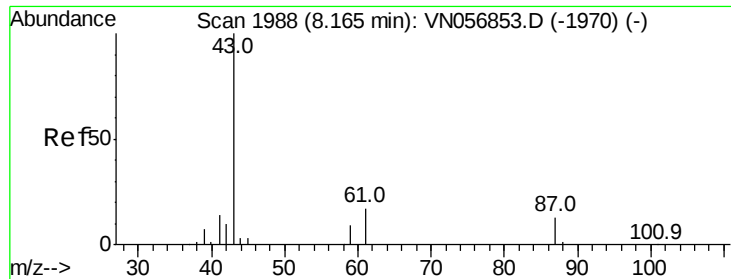
#35
 Dibromofluoromethane
 Concen: 48.064 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN056871.D
 Acq: 23 Jul 2019 12:10

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	22.5	18.5	27.7



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: 2.411 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056871.D

Acq: 23 Jul 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

NB-07-071919-A

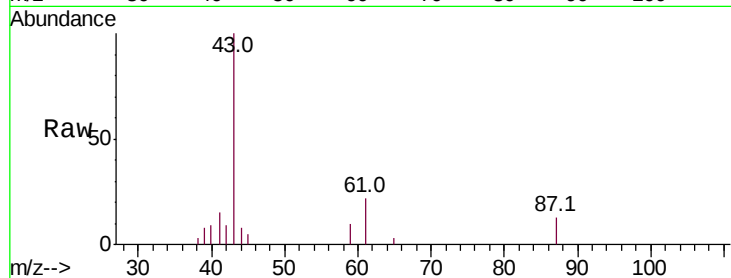
Tot Ion: 43 Resp: 15693

Ion Ratio Lower Upper

43 100

61 19.7 17.8 26.6

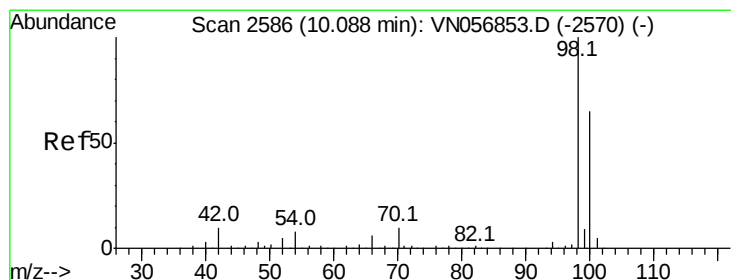
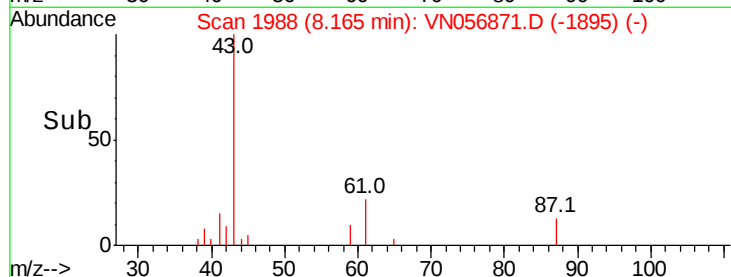
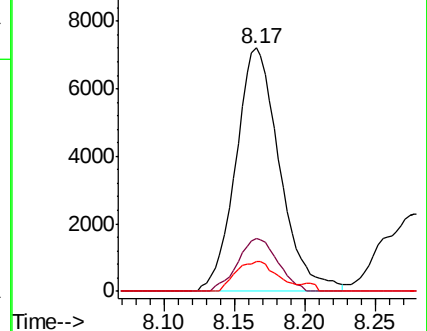
87 11.8 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 53.442 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN056871.D

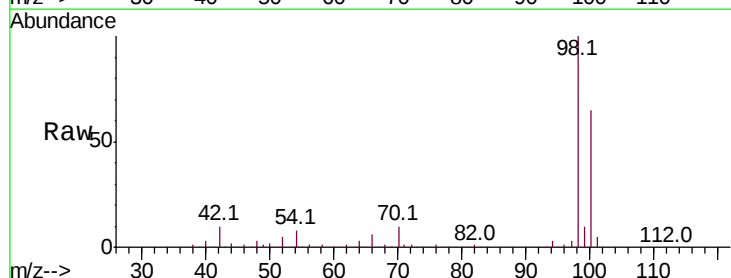
Acq: 23 Jul 2019 12:10

Tgt Ion: 98 Resp: 659715

Ion Ratio Lower Upper

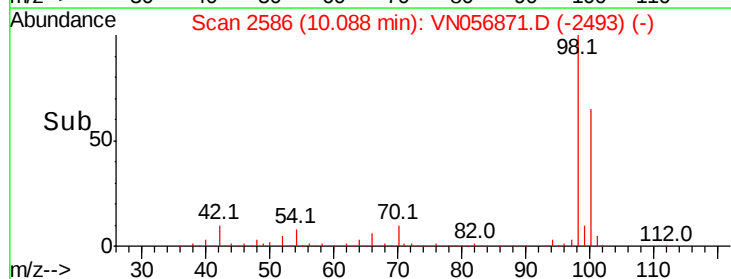
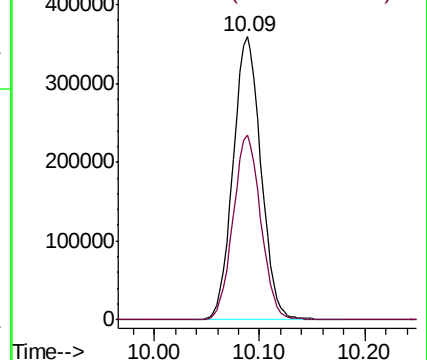
98 100

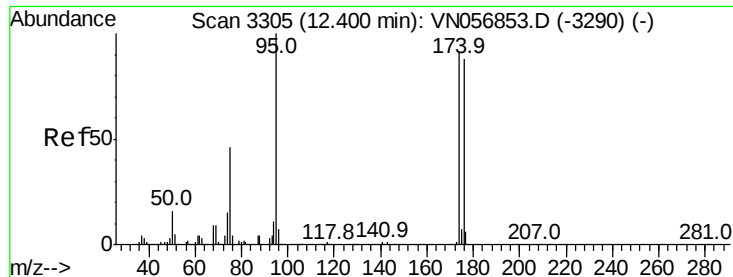
100 64.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

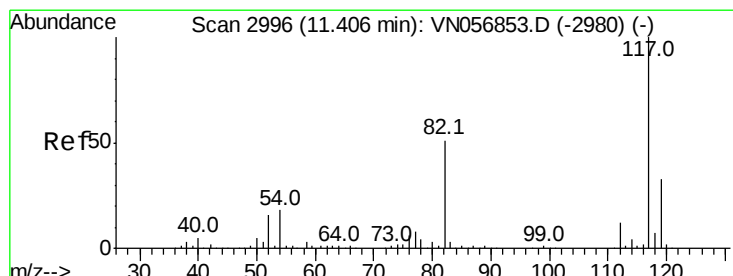
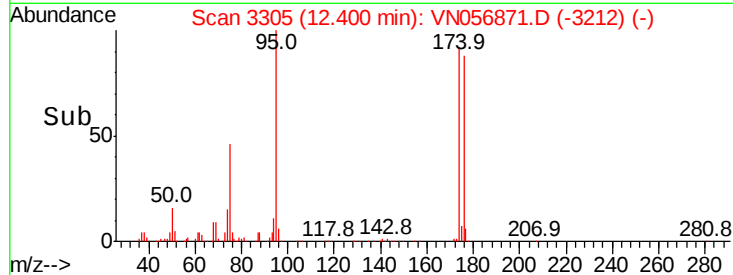
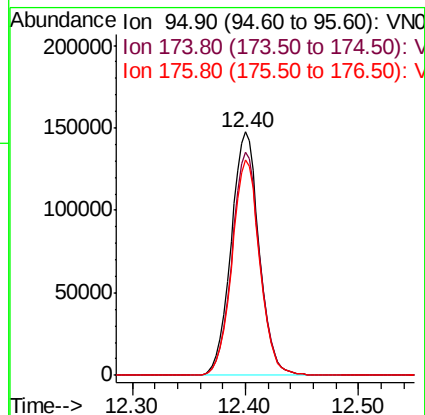
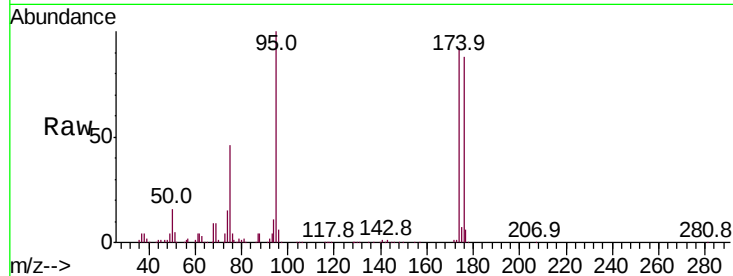




#62
4-Bromofluorobenzene
Concen: 63.000 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056871.D
Acq: 23 Jul 2019 12:10

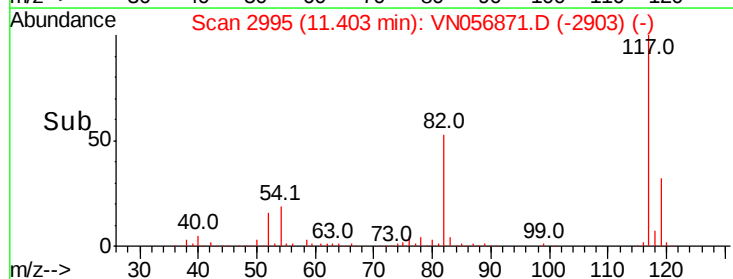
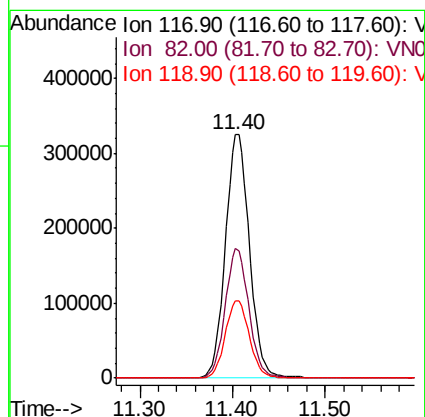
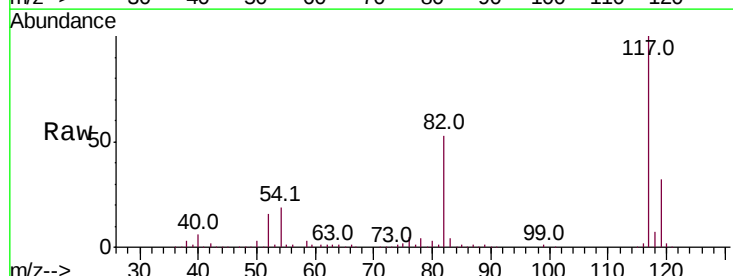
Instrument :
MSVOA_N
ClientSampleId :
NB-07-071919-A

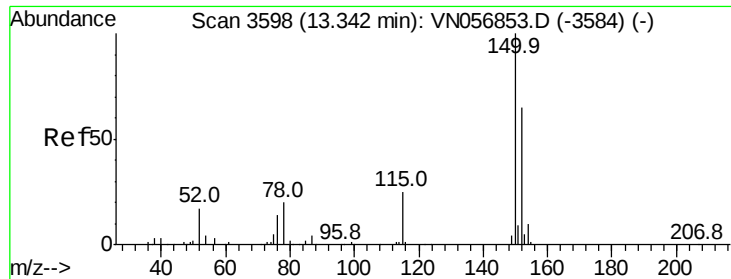
Tot Ion: 95 Resp: 254507
Ion Ratio Lower Upper
95 100
174 91.0 0.0 183.4
176 87.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN056871.D
Acq: 23 Jul 2019 12:10

Tgt Ion: 117 Resp: 584217
Ion Ratio Lower Upper
117 100
82 53.2 41.2 61.8
119 31.7 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN056871.D

Acq: 23 Jul 2019 12:10

Instrument :

MSVOA_N

ClientSampleId :

NB-07-071919-A

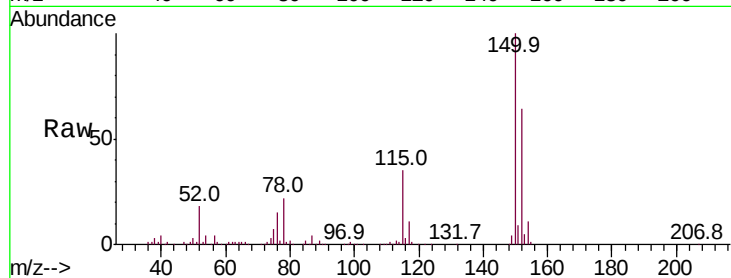
Tot Ion:152 Resp: 212132

Ion Ratio Lower Upper

152 100

115 55.3 27.6 82.7

150 157.4 0.0 343.0



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

