

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058926.D
 Acq On : 23 Oct 2019 13:56
 Operator : JC/SP
 Sample : K5152-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-102219

Quant Time: Oct 24 01:56:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

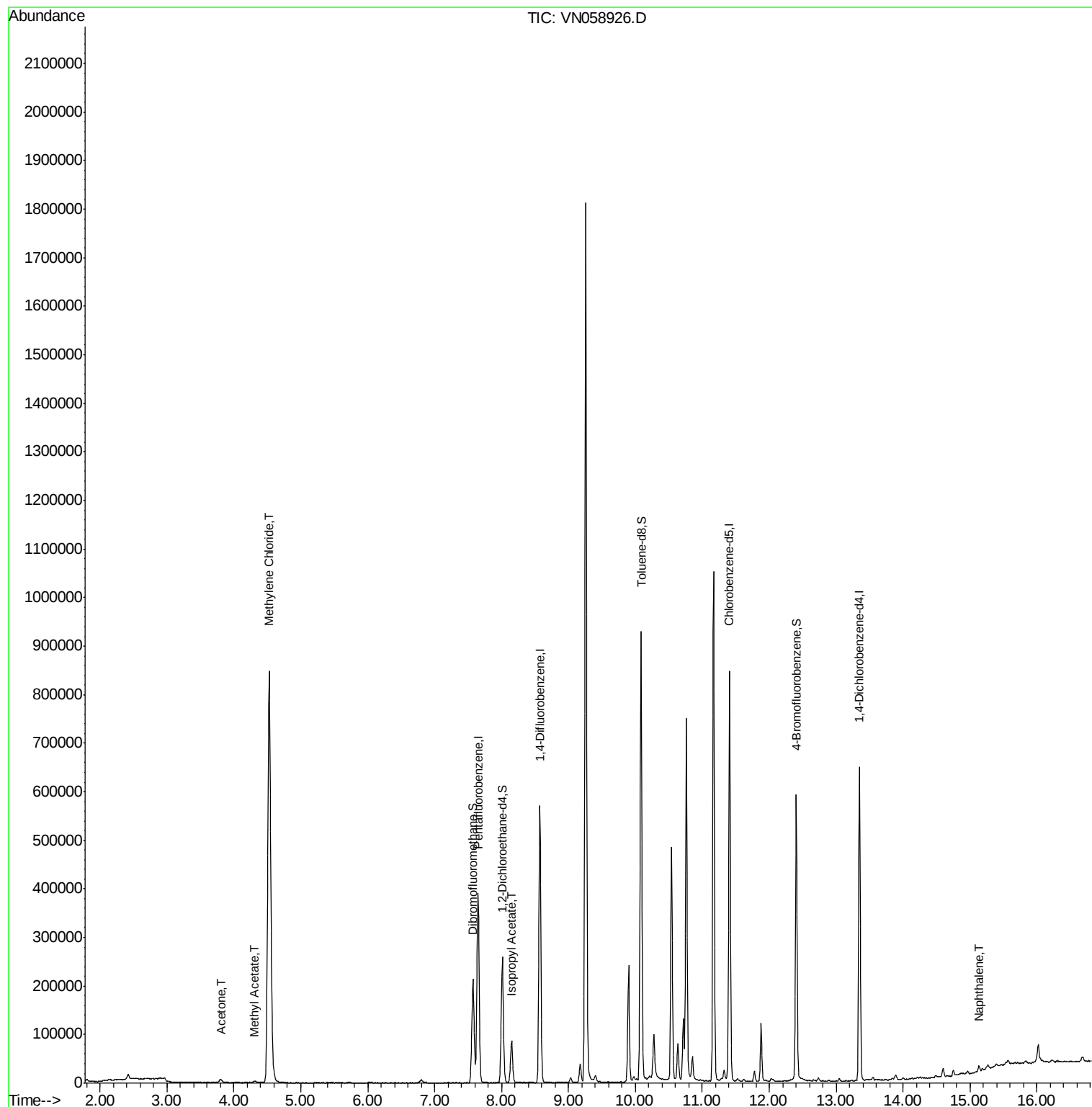
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	304105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	481675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	453543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	165978	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	228275	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
35) Dibromofluoromethane	7.57	113	162521	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
50) Toluene-d8	10.09	98	627170	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
62) 4-Bromofluorobenzene	12.40	95	199918	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.56%	
Target Compounds						
					Qvalue	
16) Acetone	3.80	43	12851	5.831	ug/l #	84
18) Methyl Acetate	4.31	43	5816	1.161	ug/l	91
20) Methylene Chloride	4.53	84	621213	165.071	ug/l	99
43) Isopropyl Acetate	8.15	43	101414	11.768	ug/l #	91
95) Naphthalene	15.13	128	7712	3.000	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

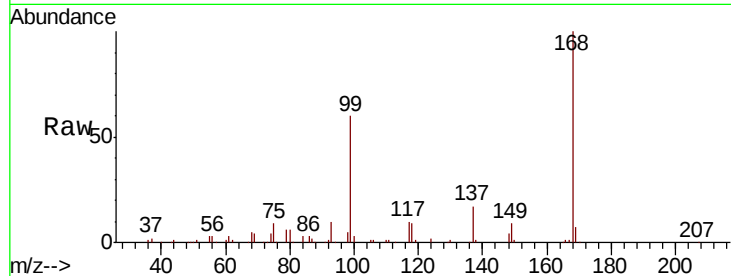
SU-03-102219

Tot Ion:168 Resp: 304105

Ion Ratio Lower Upper

168 100

99 60.0 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VN058846.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN058846.D (-1807) (-)

7.65

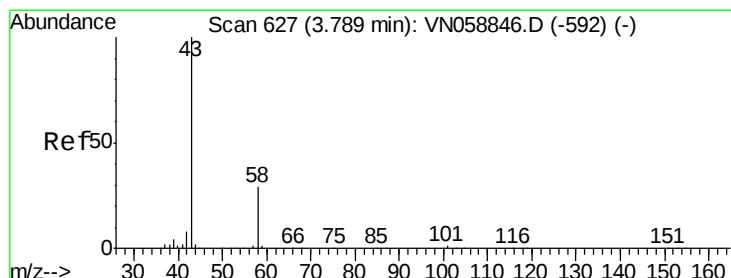
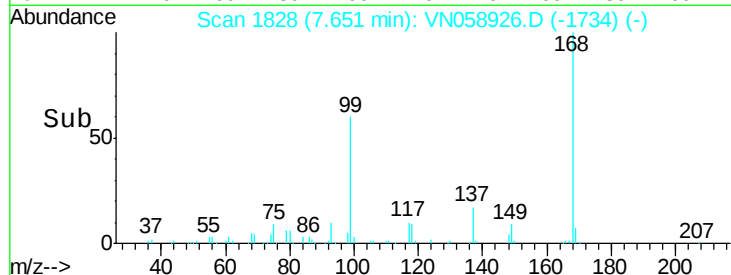
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.831 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN058926.D

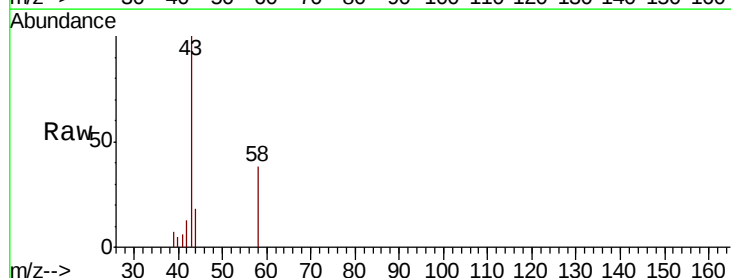
Acq: 23 Oct 2019 13:56

Tgt Ion: 43 Resp: 12851

Ion Ratio Lower Upper

43 100

58 37.5 23.1 34.7#



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-592) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-592) (-)

3.80

5000

4000

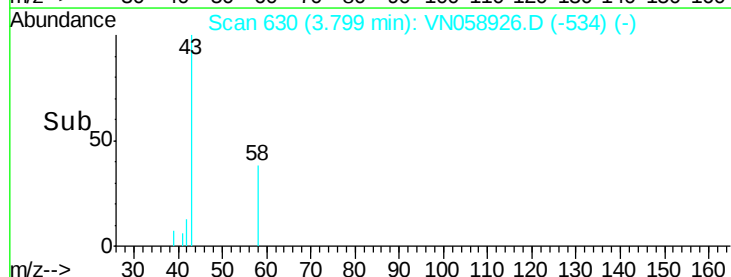
3000

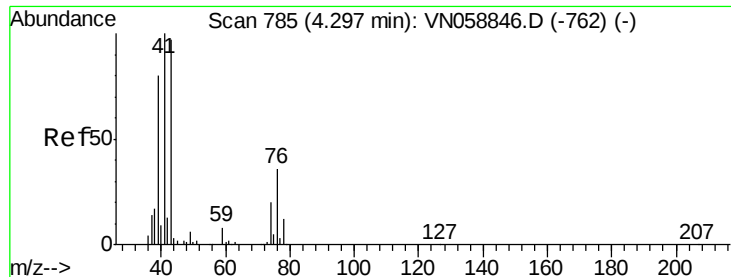
2000

1000

0

Time-->

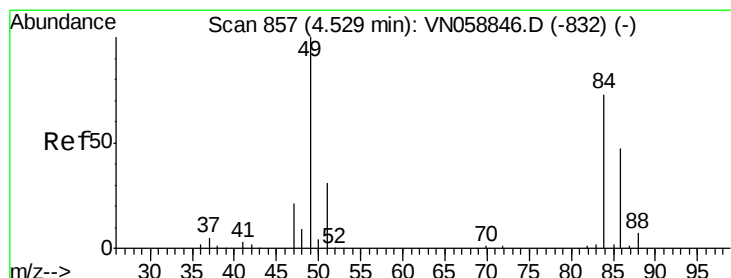
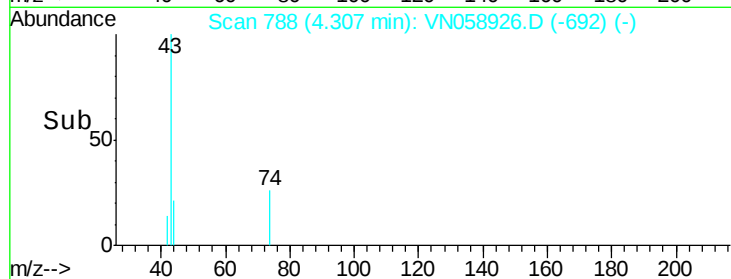
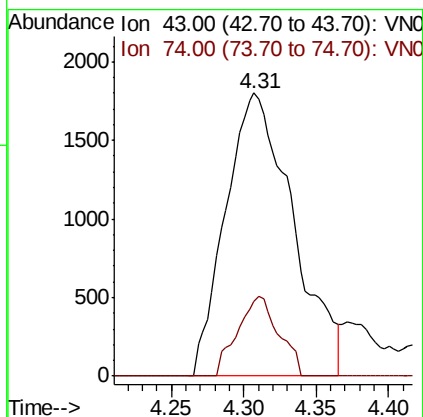
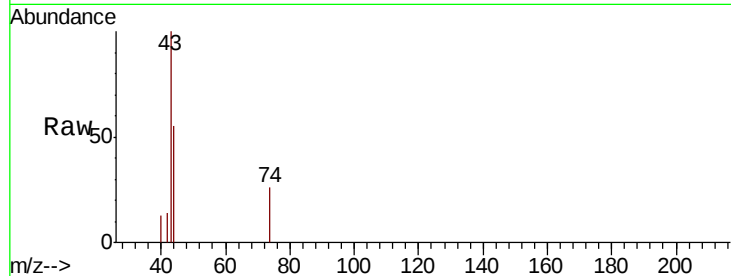




#18
Methyl Acetate
Concen: 1.161 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.01 min
Lab File: VN058926.D
Acq: 23 Oct 2019 13:56

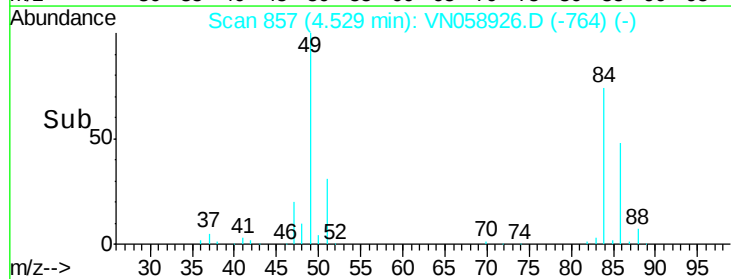
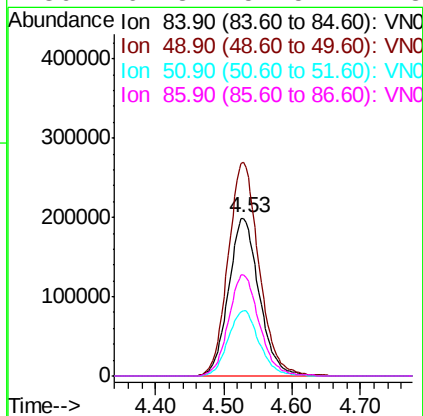
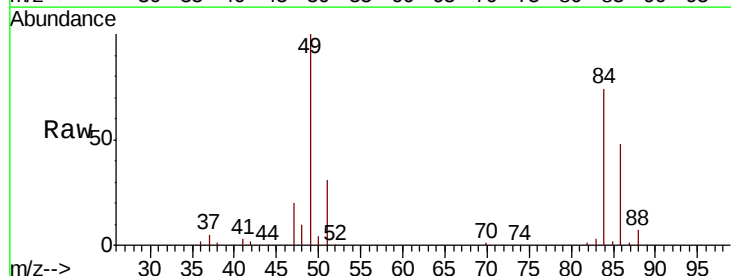
Instrument :
MSVOA_N
ClientSampled :
SU-03-102219

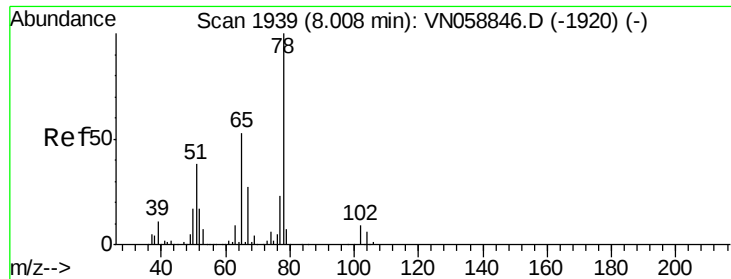
Tot Ion: 43 Resp: 5816
Ion Ratio Lower Upper
43 100
74 17.2 17.1 25.7



#20
Methylene Chloride
Concen: 165.071 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058926.D
Acq: 23 Oct 2019 13:56

Tgt Ion: 84 Resp: 621213
Ion Ratio Lower Upper
84 100
49 135.3 109.6 164.4
51 41.6 33.8 50.6
86 64.3 51.5 77.3





#33

1,2-Dichloroethane-d4

Concen: 51.181 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

Instrument :

MSVOA_N

ClientSampled :

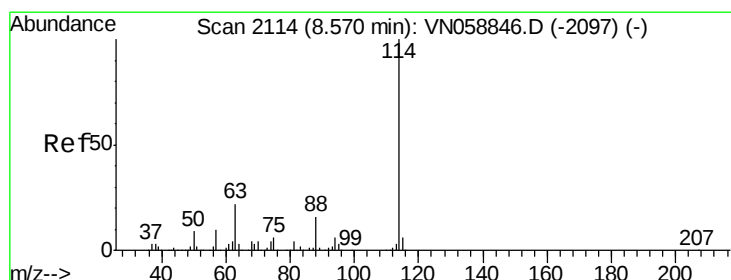
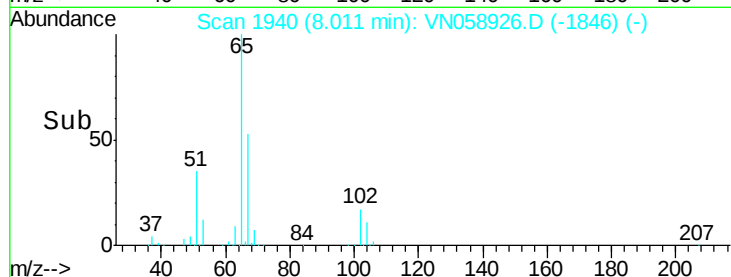
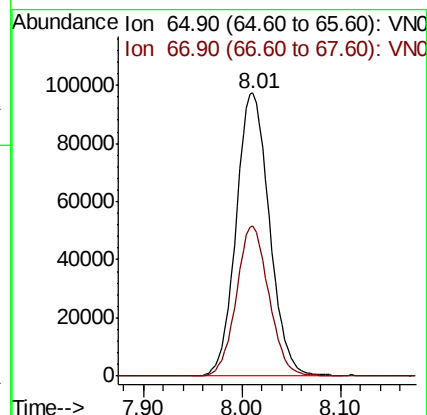
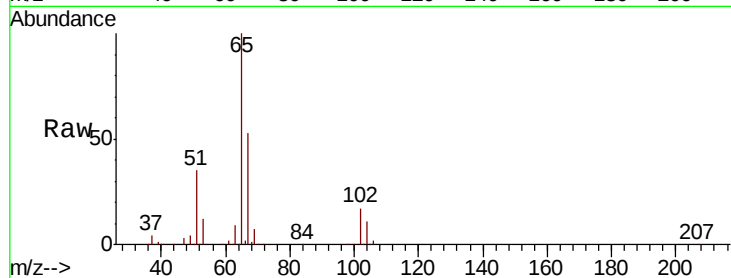
SU-03-102219

Tot Ion: 65 Resp: 228275

Ion Ratio Lower Upper

65 100

67 51.8 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

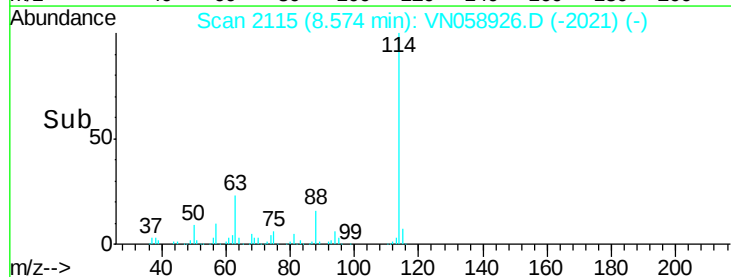
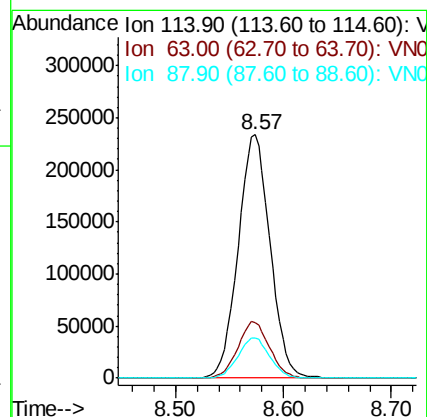
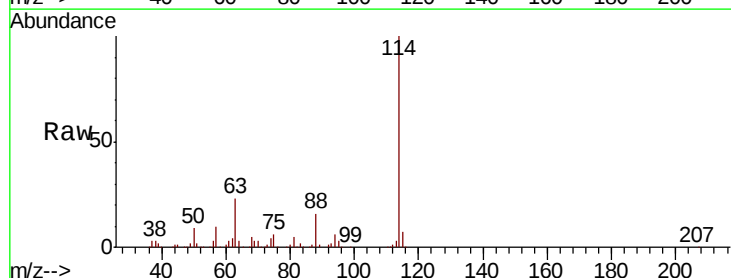
Tgt Ion: 114 Resp: 481675

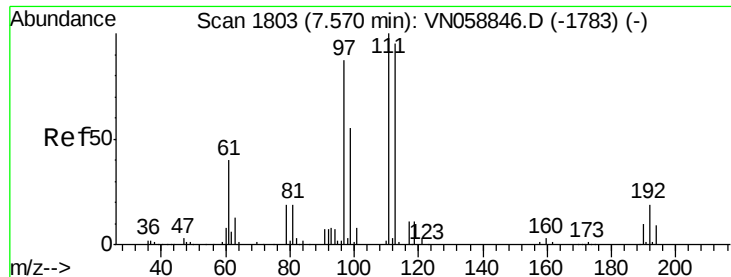
Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.4

88 16.4 0.0 31.4

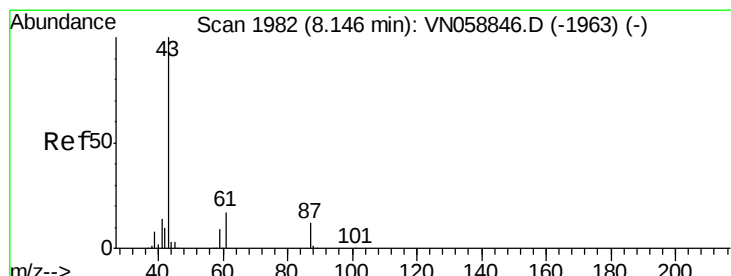
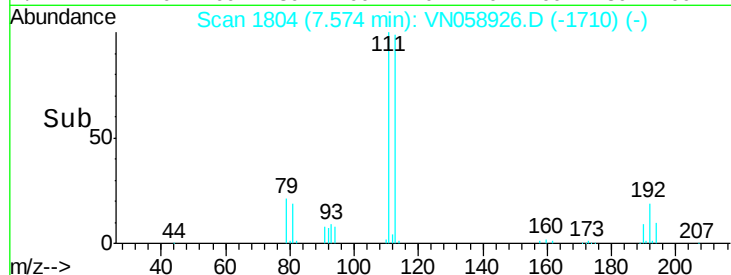
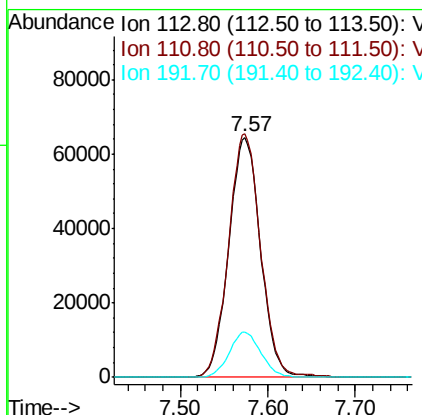
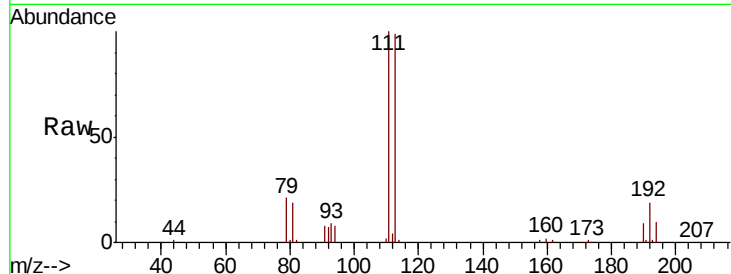




#35
 Dibromofluoromethane
 Concen: 51.319 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058926.D
 Acq: 23 Oct 2019 13:56

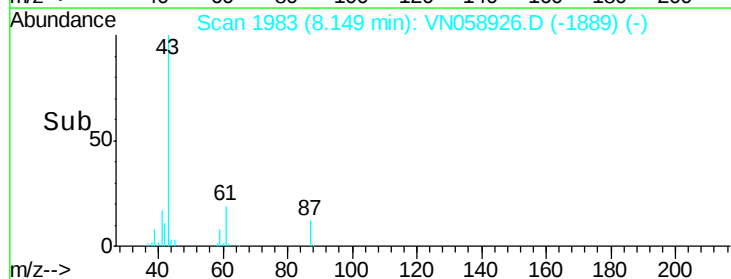
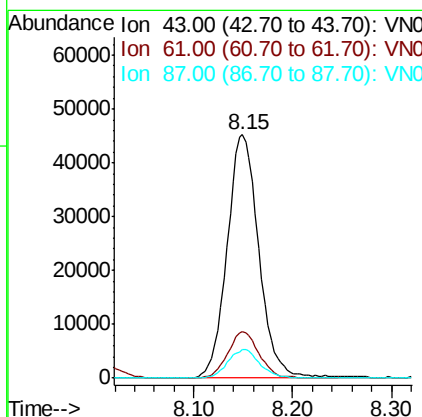
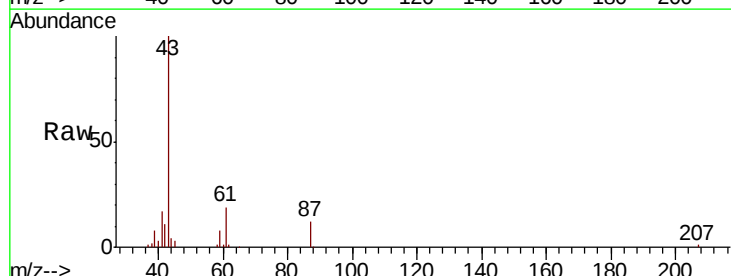
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-03-102219

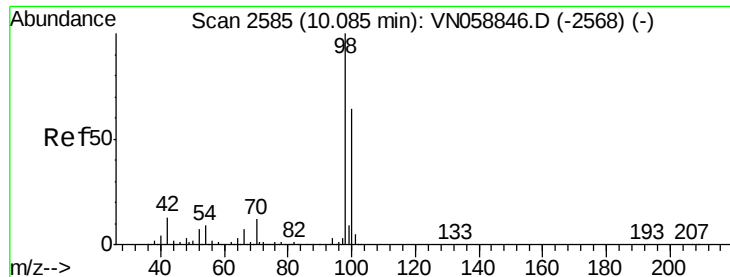
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.0	123.0
192	18.7	15.0	22.6



#43
 Isopropyl Acetate
 Concen: 11.768 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN058926.D
 Acq: 23 Oct 2019 13:56

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.8	20.2	30.2#
87	11.7	9.5	14.3





#50

Toluene-d8

Concen: 51.017 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

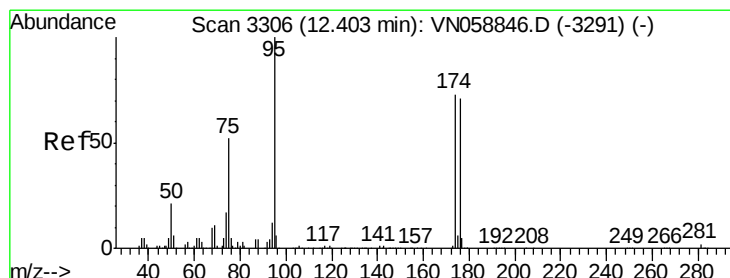
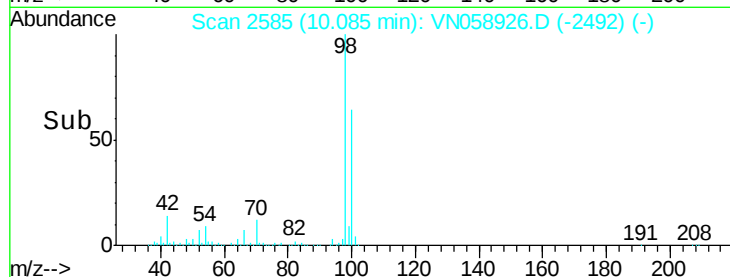
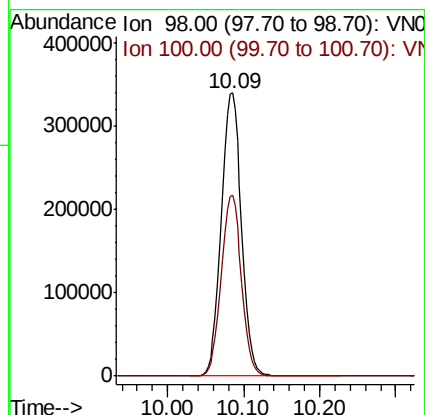
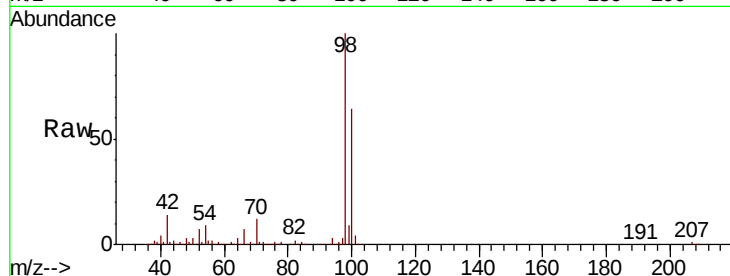
SU-03-102219

Tot Ion: 98 Resp: 627170

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.2



#62

4-Bromofluorobenzene

Concen: 44.284 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

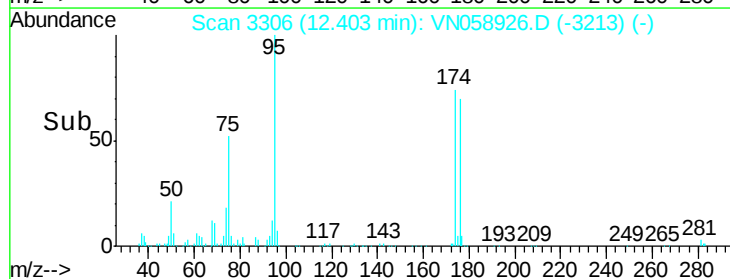
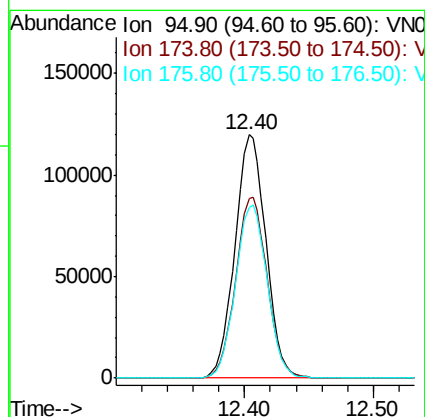
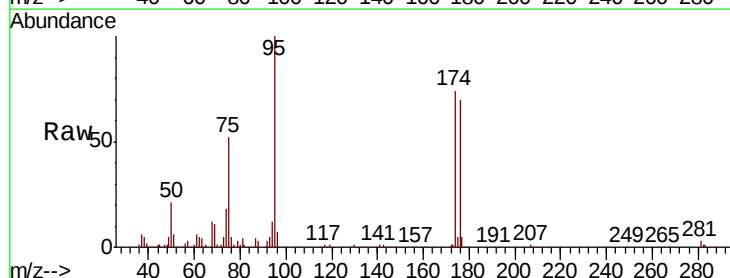
Tgt Ion: 95 Resp: 199918

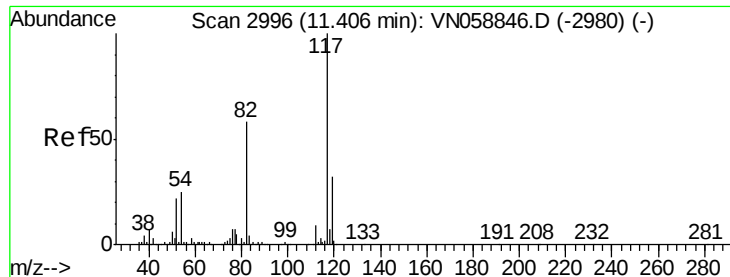
Ion Ratio Lower Upper

95 100

174 75.6 0.0 147.6

176 72.9 0.0 143.2

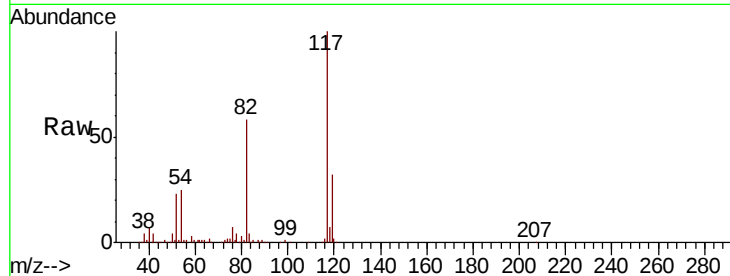




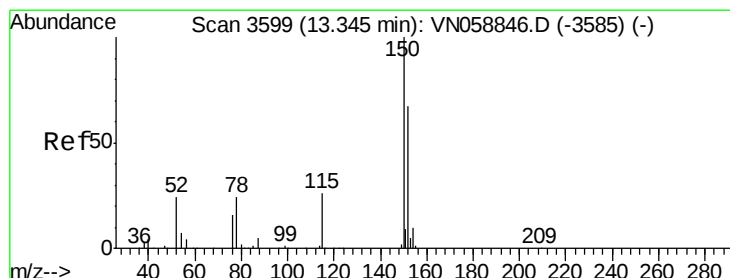
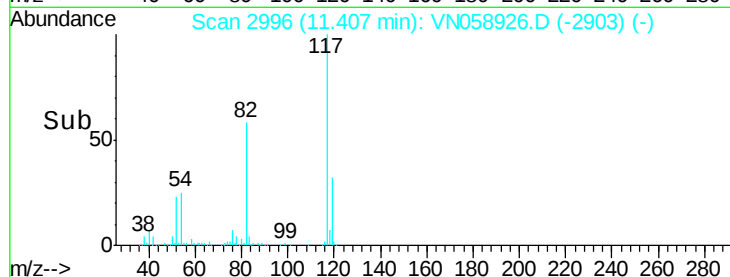
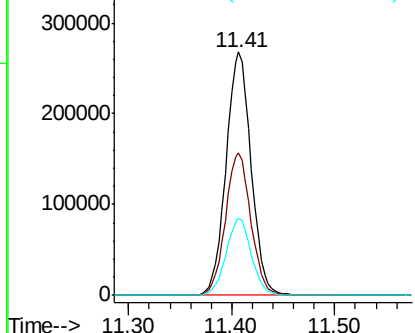
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058926.D
Acq: 23 Oct 2019 13:56

Instrument :
MSVOA_N
ClientSampleId :
SU-03-102219

Tot Ion:117 Resp: 453543
Ion Ratio Lower Upper
117 100
82 58.5 46.6 69.8
119 31.8 25.6 38.4

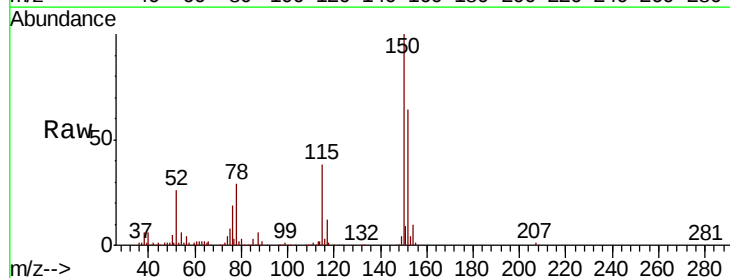


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

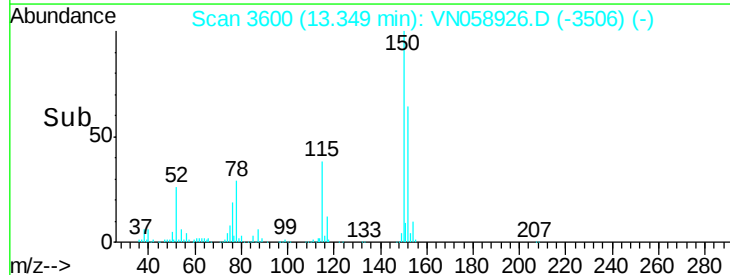
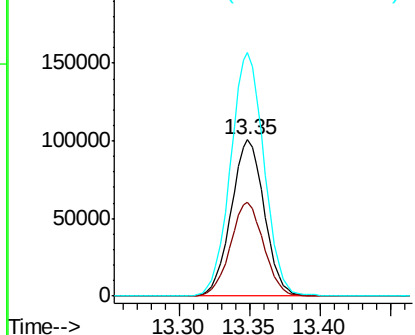


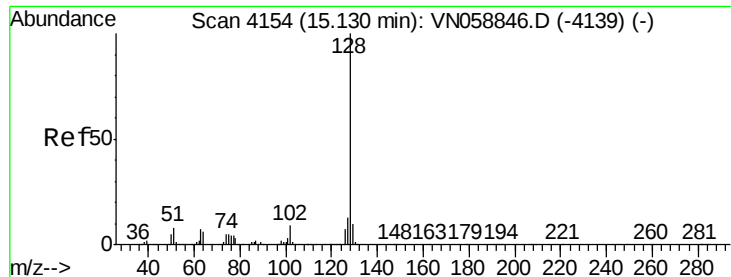
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058926.D
Acq: 23 Oct 2019 13:56

Tgt Ion:152 Resp: 165978
Ion Ratio Lower Upper
152 100
115 60.2 30.5 91.5
150 156.9 0.0 344.4



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: 3.000 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058926.D

Acq: 23 Oct 2019 13:56

Instrument :

MSVOA_N

ClientSampleId :

SU-03-102219

Tot Ion:128 Resp: 7712

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

129 12.1 8.4 12.6

