

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112219\
 Data File : VN059375.D
 Acq On : 22 Nov 2019 19:04
 Operator : JC/SP
 Sample : K5676-25
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-112019

Quant Time: Nov 22 23:02:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

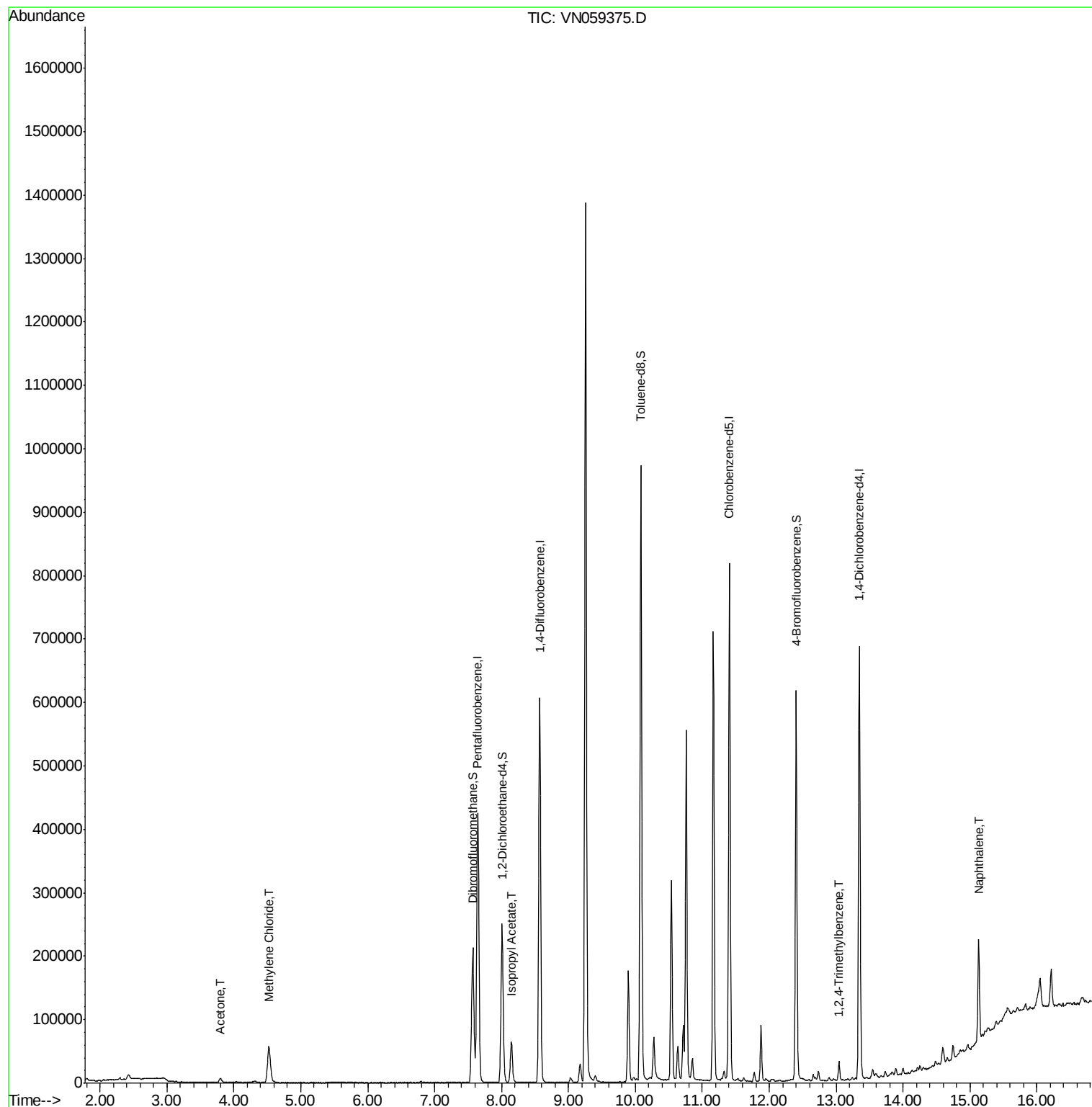
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	362826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	557258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	485705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	191882	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	208401	47.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.74%	
35) Dibromofluoromethane	7.57	113	166389	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	10.08	98	683894	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.40	95	222073	47.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.58%	
Target Compounds						
16) Acetone	3.80	43	10453	5.355	ug/l	99
20) Methylene Chloride	4.53	84	44782	10.172	ug/l	96
43) Isopropyl Acetate	8.15	43	76751	8.123	ug/l #	92
84) 1,2,4-Trimethylbenzene	13.04	105	18137	1.401	ug/l	97
95) Naphthalene	15.13	128	136551	14.474	ug/l	99

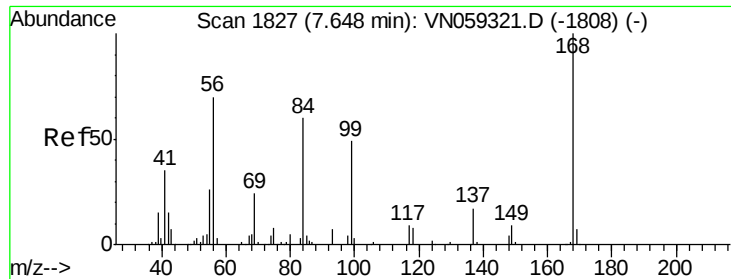
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112219\
Data File : VN059375.D
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059375.D

Acq: 22 Nov 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

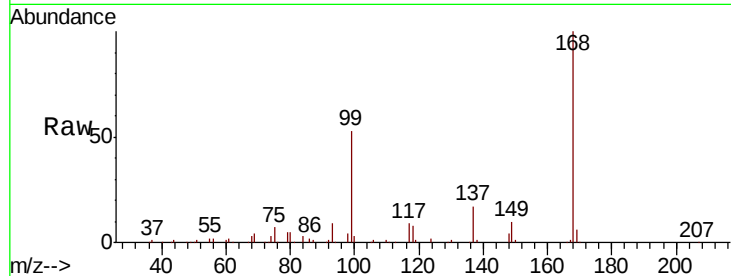
SU-02-112019

Tot Ion:168 Resp: 362826

Ion Ratio Lower Upper

168 100

99 53.5 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): VN059375.D (-1734) (-)

Ion 98.90 (98.60 to 99.60): VN059375.D (-1734) (-)

7.64

150000

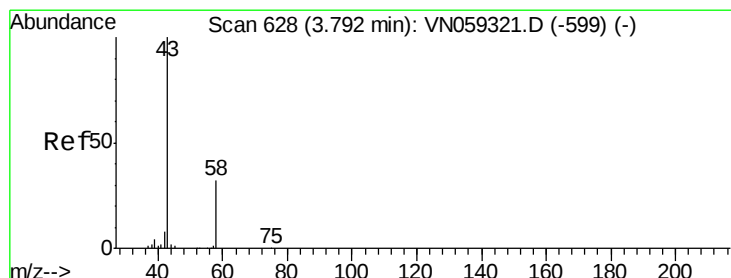
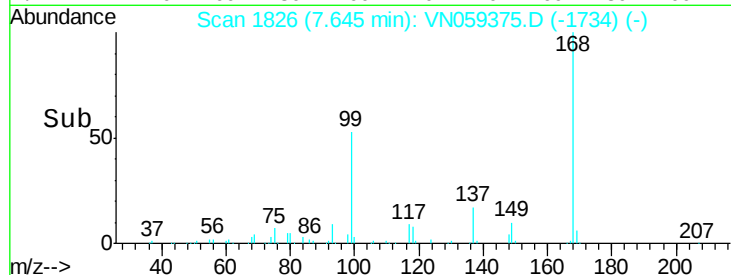
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 5.355 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.01 min

Lab File: VN059375.D

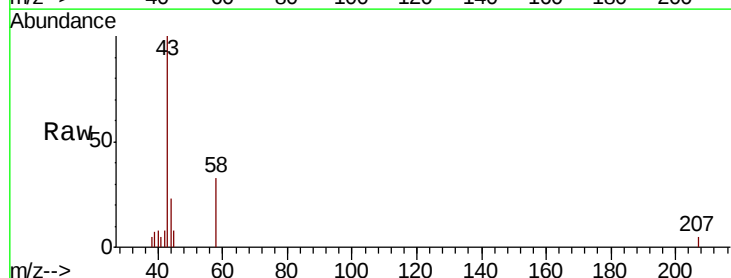
Acq: 22 Nov 2019 19:04

Tgt Ion: 43 Resp: 10453

Ion Ratio Lower Upper

43 100

58 33.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059375.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN059375.D (-535) (-)

3.80

4000

3000

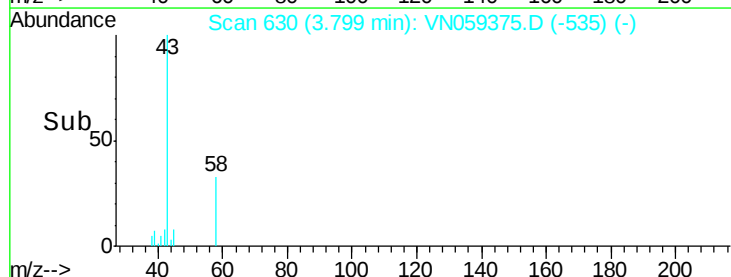
2000

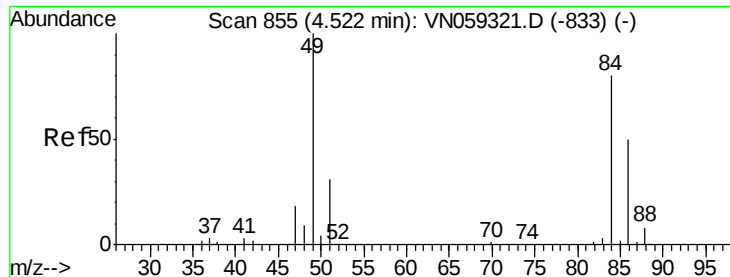
1000

0

3.70 3.75 3.80 3.85 3.90

Time-->

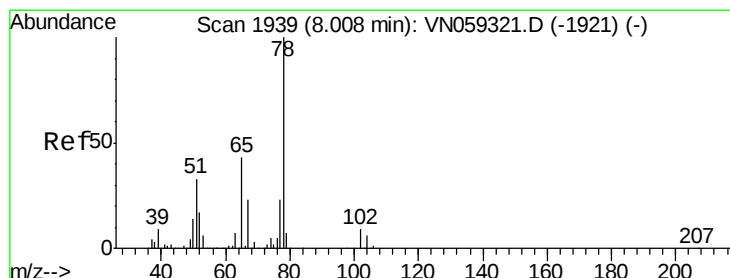
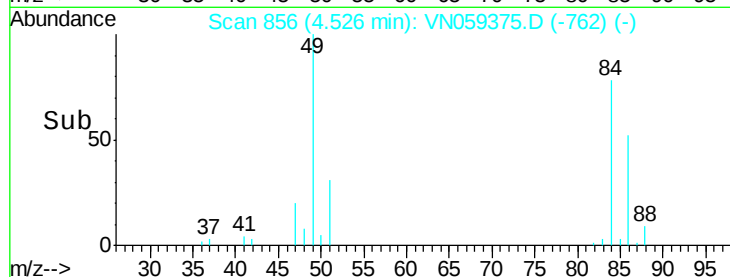
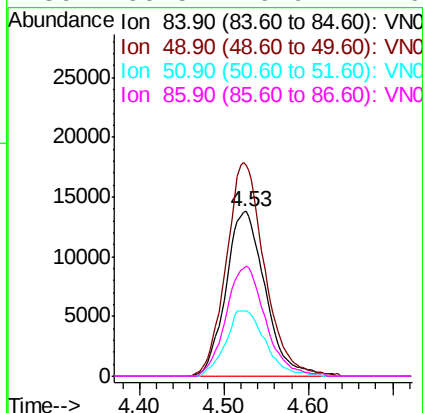
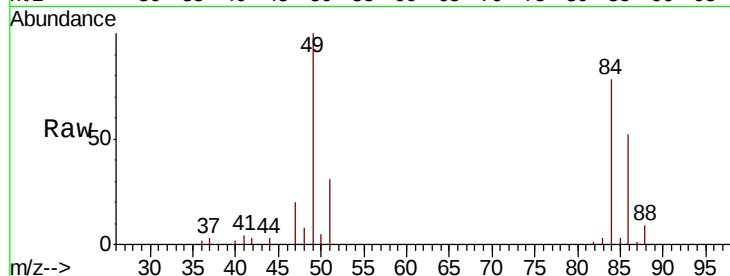




#20
Methvlene Chloride
Concen: 10.172 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059375.D
Acq: 22 Nov 2019 19:04

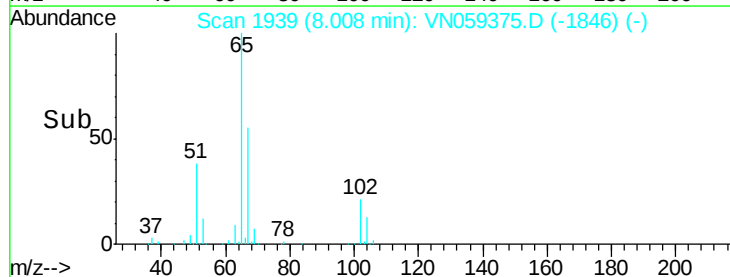
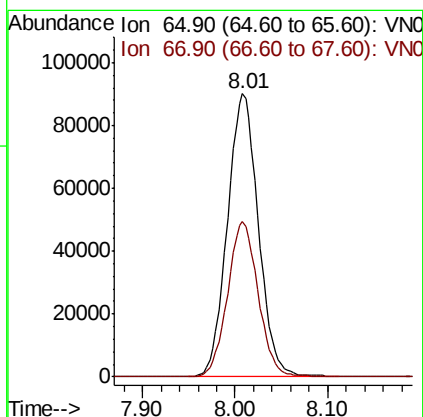
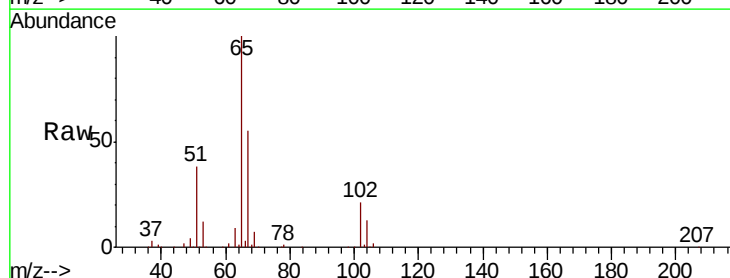
Instrument :
MSVOA_N
ClientSampled :
SU-02-112019

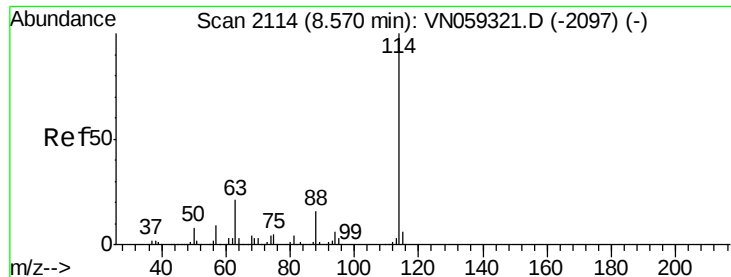
Tot Ion: 84 Resp: 44782
Ion Ratio Lower Upper
84 100
49 128.2 99.5 149.3
51 39.7 31.1 46.7
86 66.5 49.9 74.9



#33
1,2-Dichloroethane-d4
Concen: 47.872 ug/l
RT: 8.01 min Scan# 1939
Delta R.T. 0.00 min
Lab File: VN059375.D
Acq: 22 Nov 2019 19:04

Tgt Ion: 65 Resp: 208401
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.4

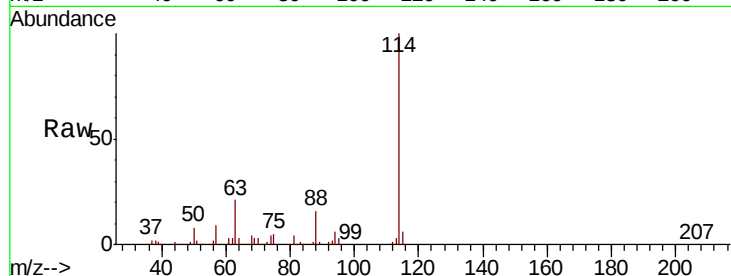




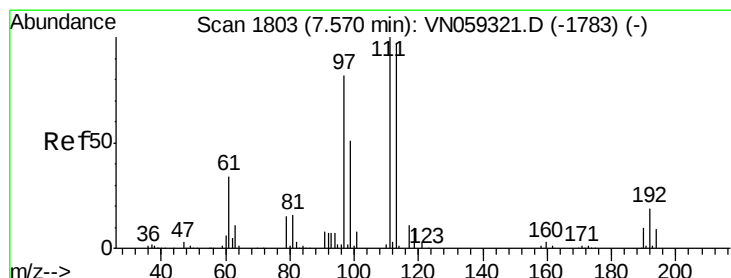
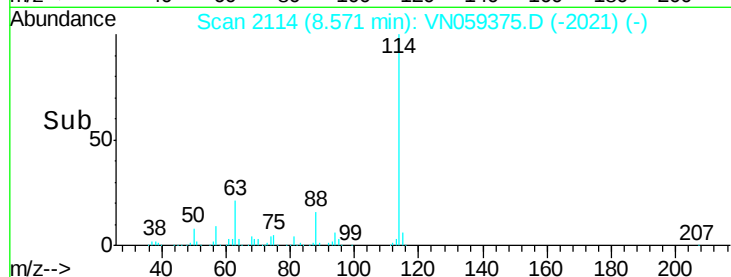
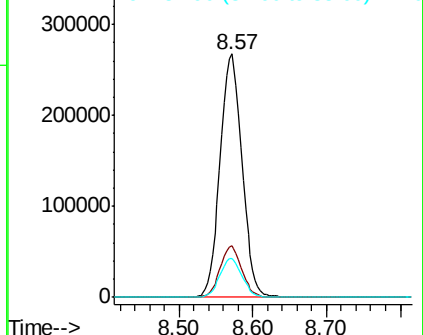
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059375.D
 Acq: 22 Nov 2019 19:04

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-02-112019

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.2
88	16.1	0.0	32.2

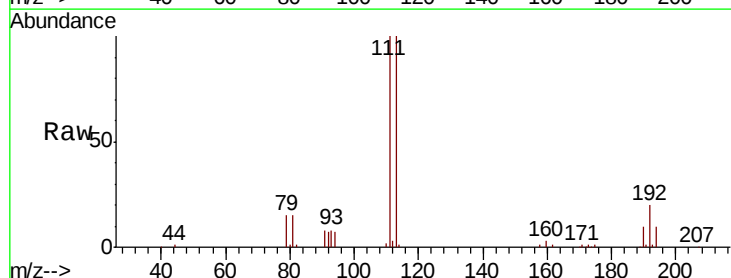


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

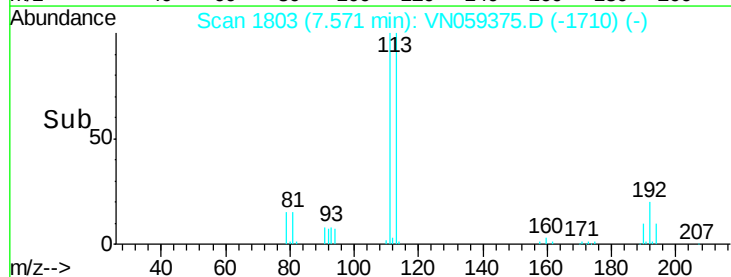
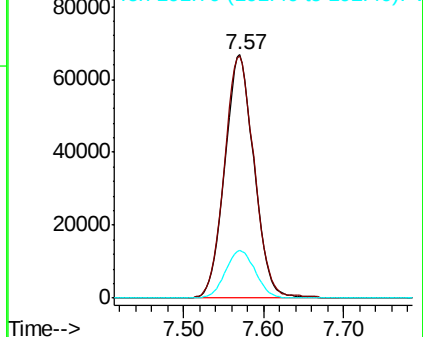


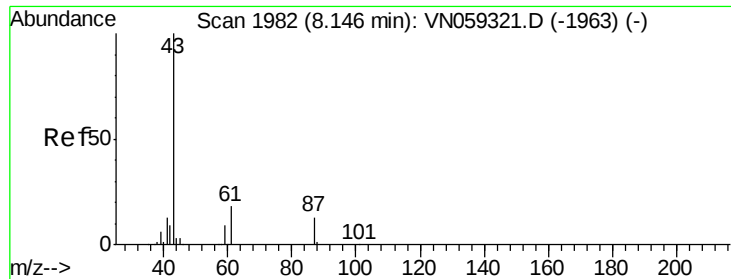
#35
 Dibromofluoromethane
 Concen: 49.769 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059375.D
 Acq: 22 Nov 2019 19:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.7	124.1
192	20.0	16.3	24.5



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: 8.123 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059375.D

Acq: 22 Nov 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

SU-02-112019

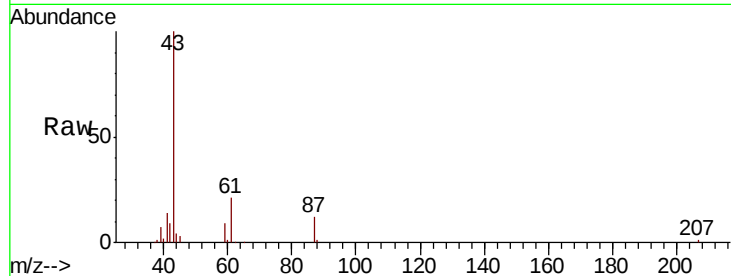
Tot Ion: 43 Resp: 76751

Ion Ratio Lower Upper

43 100

61 20.6 21.7 32.5#

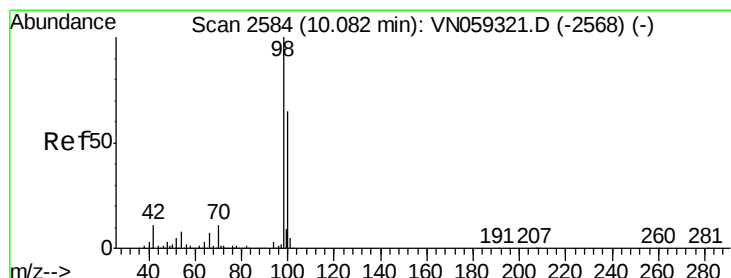
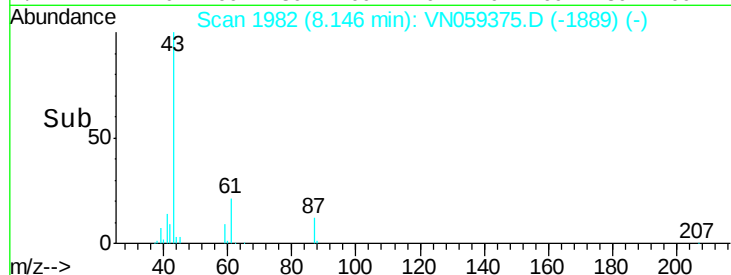
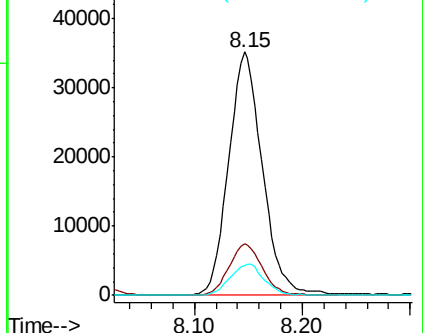
87 12.8 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN059321.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN059321.D (-1963) (-)



#50

Toluene-d8

Concen: 51.456 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN059375.D

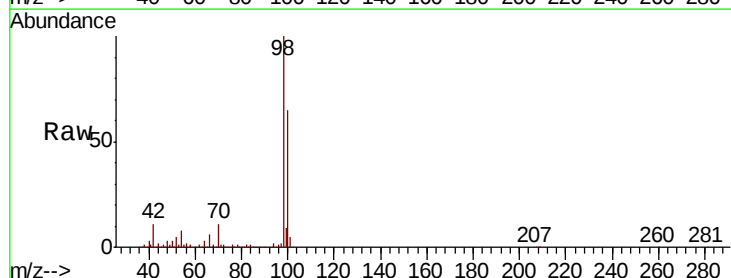
Acq: 22 Nov 2019 19:04

Tgt Ion: 98 Resp: 683894

Ion Ratio Lower Upper

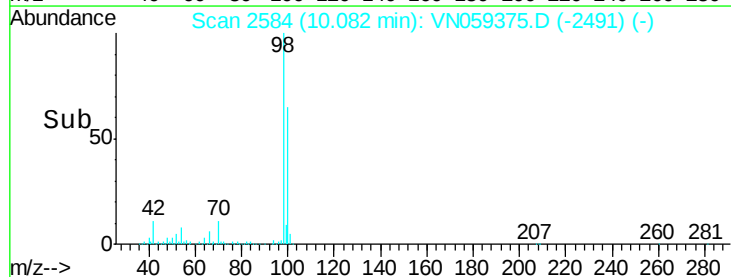
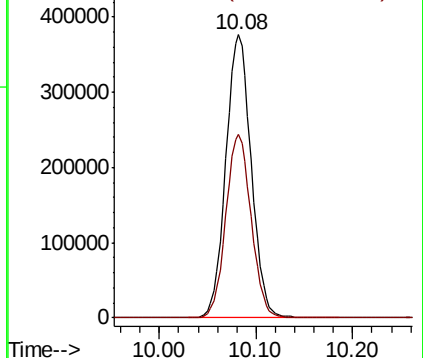
98 100

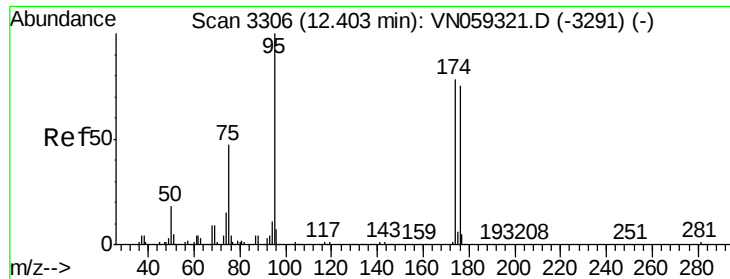
100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN059321.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN059321.D (-2568) (-)





#62

4-Bromofluorobenzene

Concen: 47.786 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059375.D

Acq: 22 Nov 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

SU-02-112019

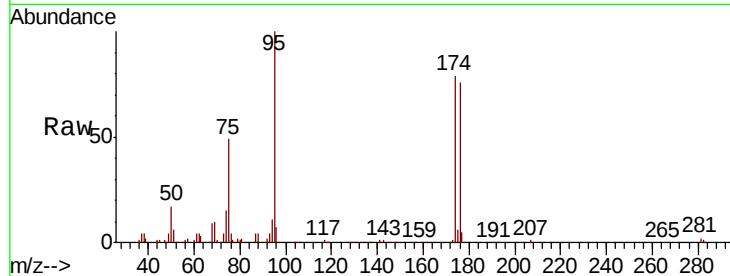
Tot Ion: 95 Resp: 222073

Ion Ratio Lower Upper

95 100

174 78.3 0.0 157.4

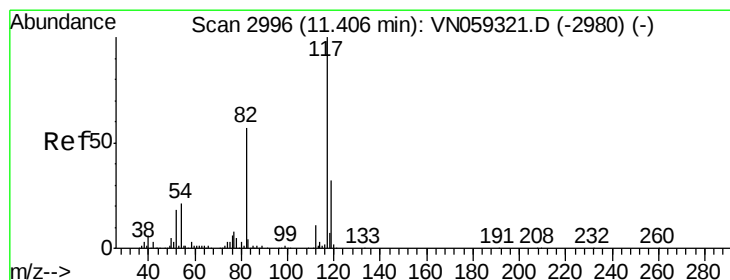
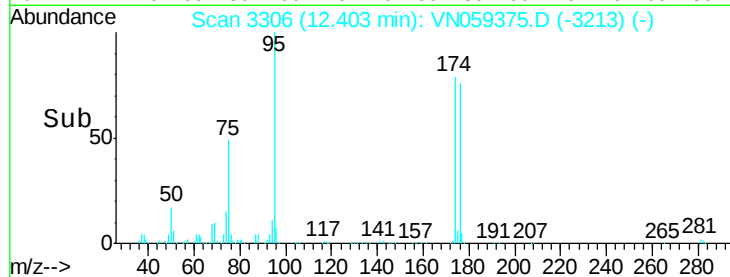
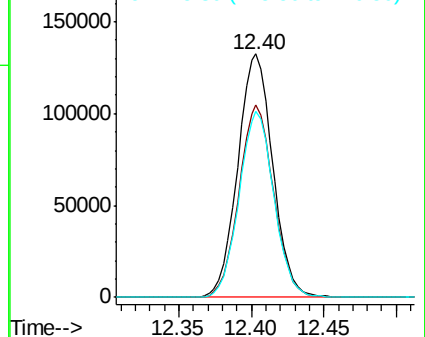
176 75.8 0.0 151.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059375.D

Acq: 22 Nov 2019 19:04

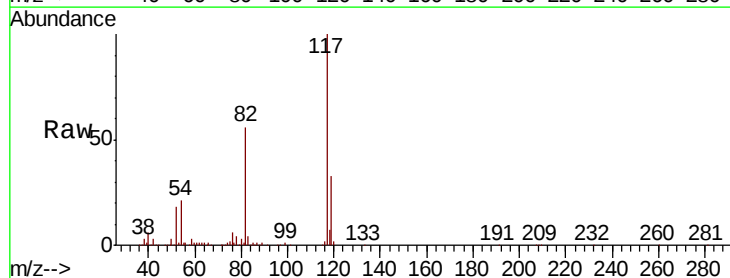
Tgt Ion: 117 Resp: 485705

Ion Ratio Lower Upper

117 100

82 56.3 45.7 68.5

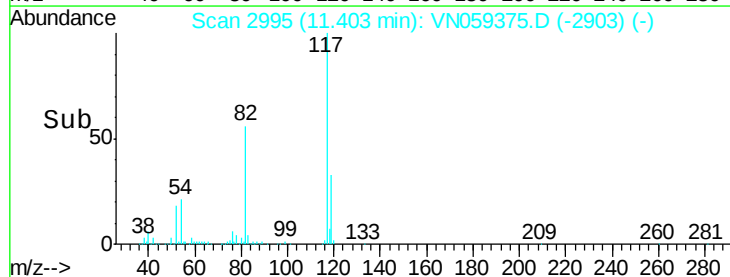
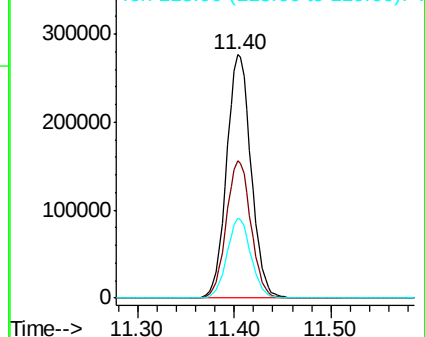
119 32.6 25.8 38.6

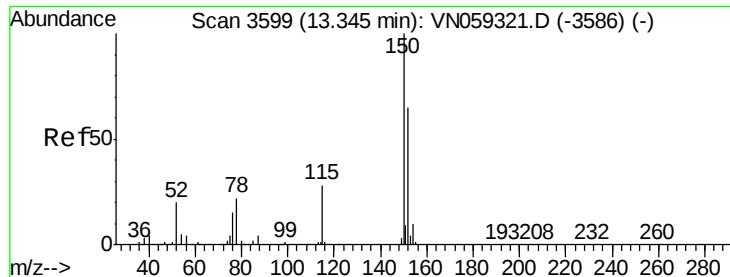


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059375.D

Acq: 22 Nov 2019 19:04

Instrument :

MSVOA_N

ClientSampleId :

SU-02-112019

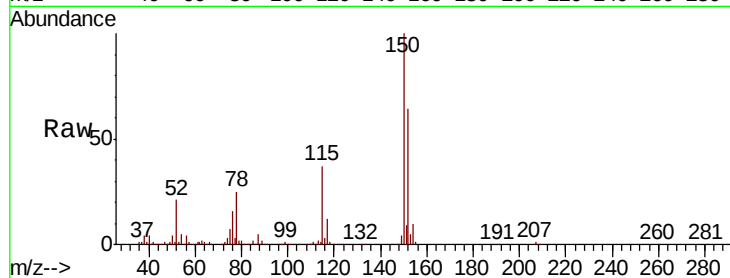
Tot Ion:152 Resp: 191882

Ion Ratio Lower Upper

152 100

115 58.9 29.3 88.0

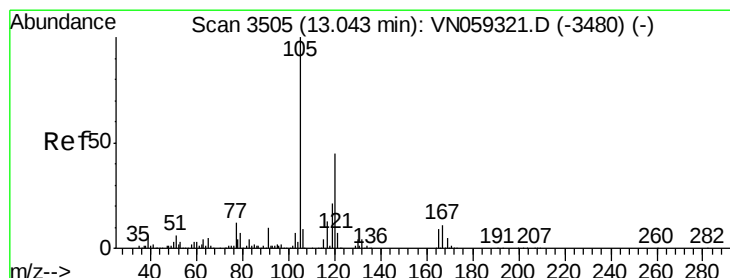
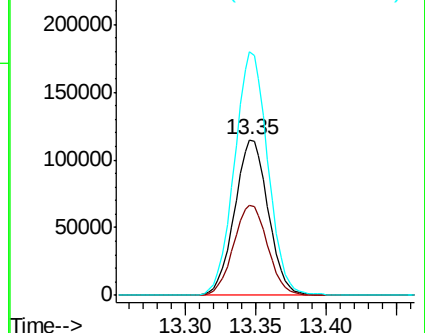
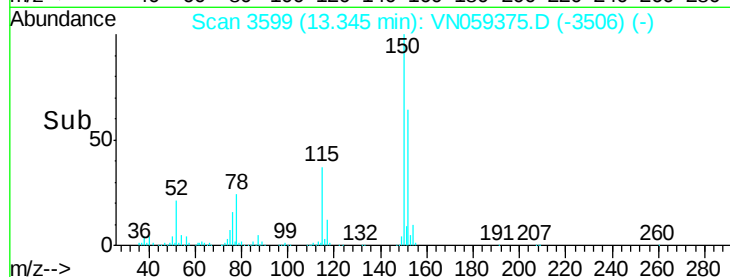
150 155.8 0.0 346.0



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



#84

1,2,4-Trimethylbenzene

Concen: 1.401 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059375.D

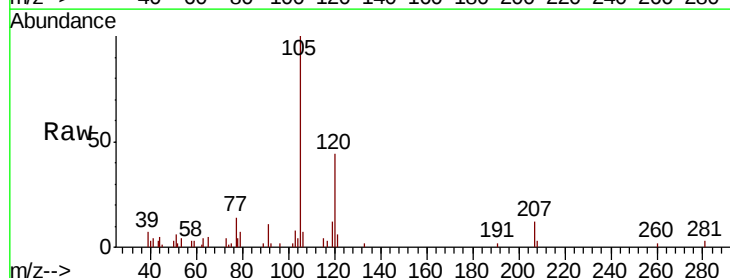
Acq: 22 Nov 2019 19:04

Tgt Ion:105 Resp: 18137

Ion Ratio Lower Upper

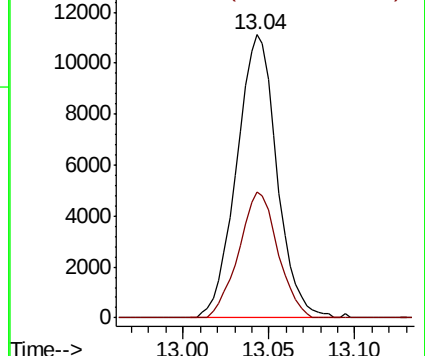
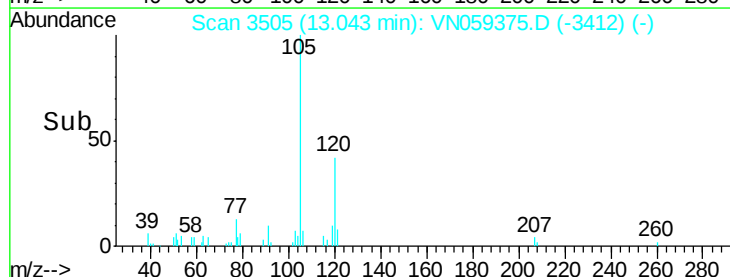
105 100

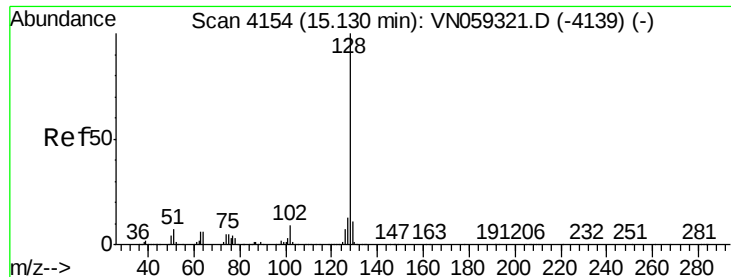
120 43.0 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 14.474 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059375.D

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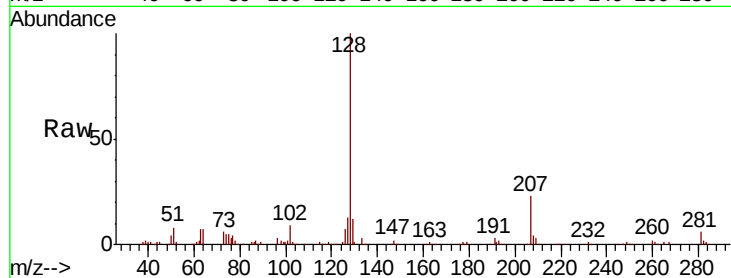
Tot Ion:128 Resp: 136551

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 11.6 8.6 13.0



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

