

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054369.D
 Acq On : 17 Mar 2019 6:55
 Operator : JC/SP
 Sample : K1697-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-031519-A

Quant Time: Mar 18 08:35:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

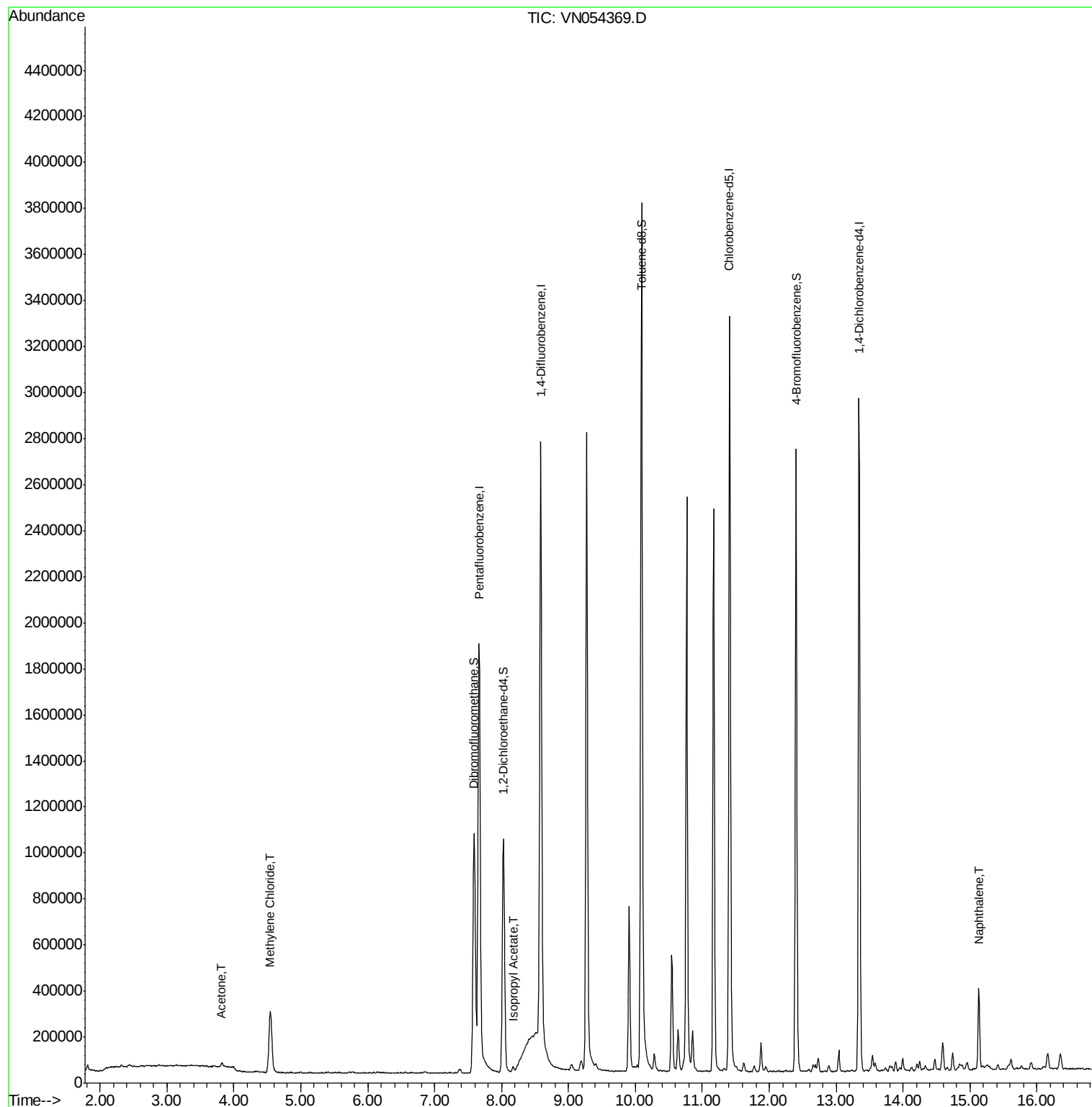
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1827228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2626614	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2214018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	853674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	894820	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
35) Dibromofluoromethane	7.59	113	798910	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
50) Toluene-d8	10.09	98	3015761	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.40	95	920810	42.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.12%	
Target Compounds						
16) Acetone	3.82	43	26457	4.762	ug/l	96
20) Methylene Chloride	4.55	84	214737	11.770	ug/l	99
43) Isopropyl Acetate	8.17	43	29738	1.219	ug/l	98
95) Naphthalene	15.13	128	319332	11.407	ug/l	99

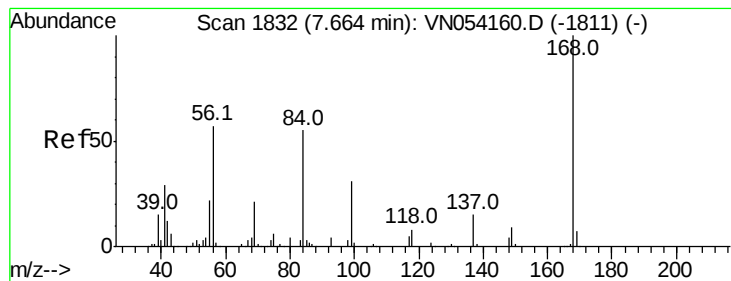
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054369.D

Acq: 17 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampleId :

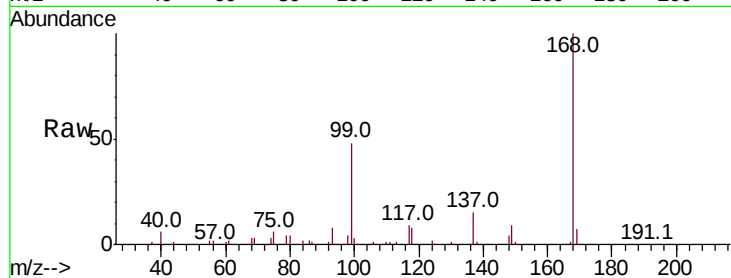
SU-01-031519-A

Tot Ion:168 Resp: 1827228

Ion Ratio Lower Upper

168 100

99 48.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

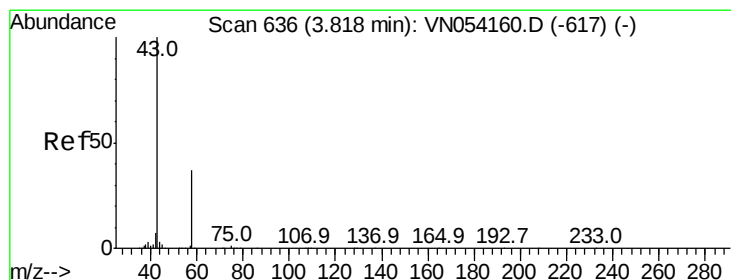
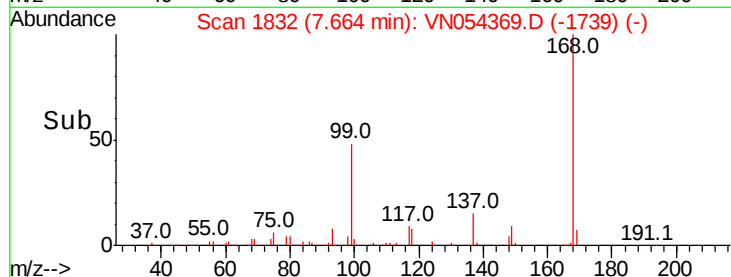
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 4.762 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054369.D

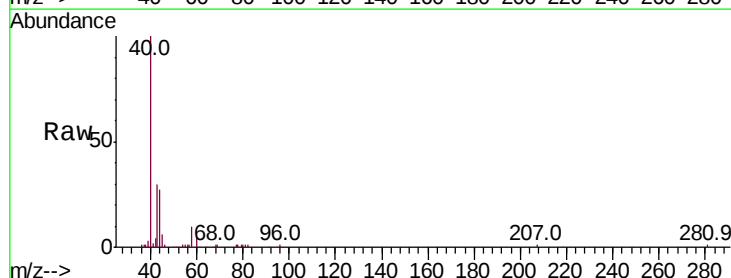
Acq: 17 Mar 2019 6:55

Tgt Ion: 43 Resp: 26457

Ion Ratio Lower Upper

43 100

58 39.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

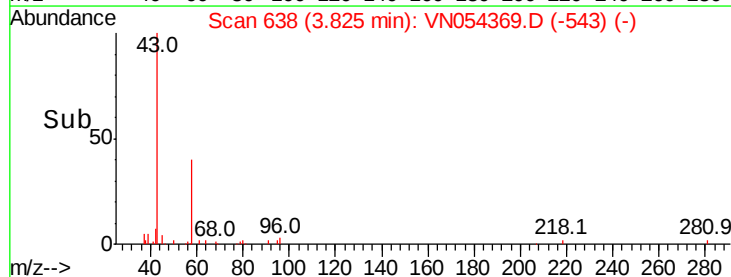
15000

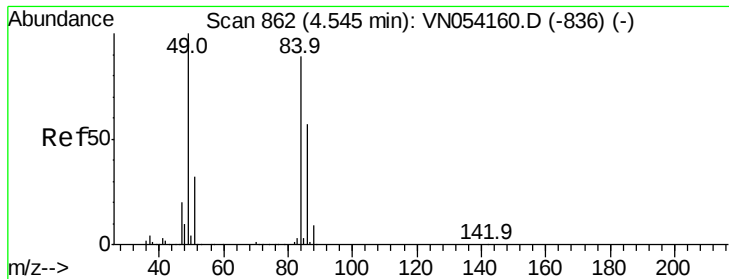
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 11.770 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampleId :

SU-01-031519-A

Tot Ion: 84 Resp: 214737

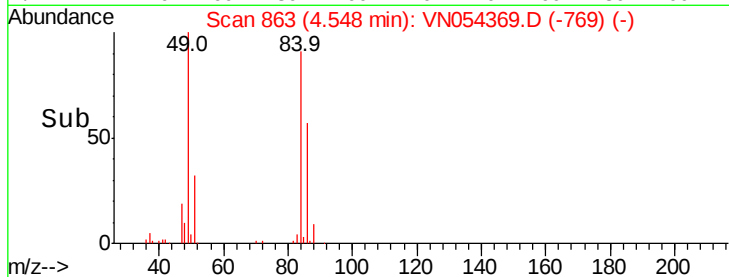
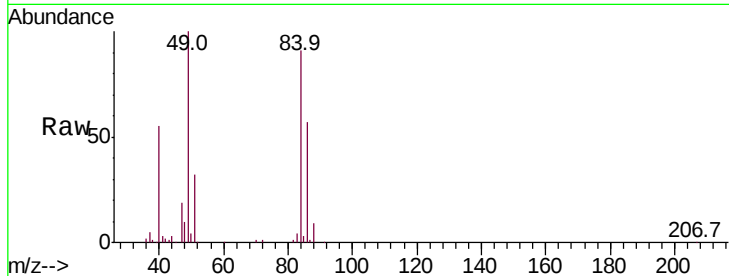
Ion Ratio Lower Upper

84 100

49 110.5 89.7 134.5

51 35.8 28.2 42.4

86 63.4 50.8 76.2

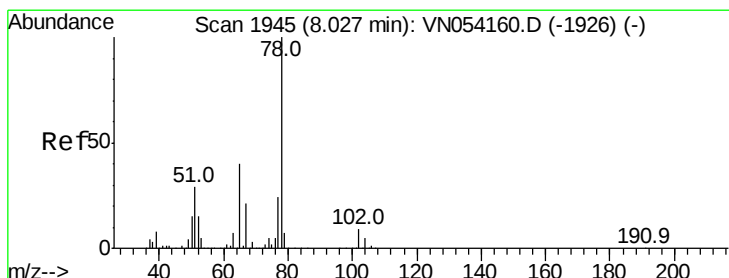
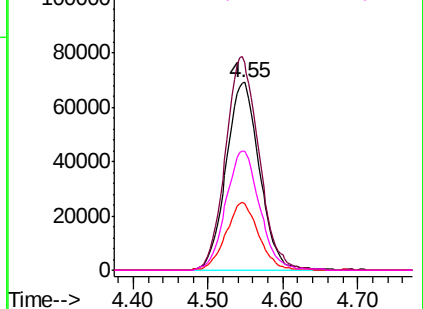


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 46.112 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054369.D

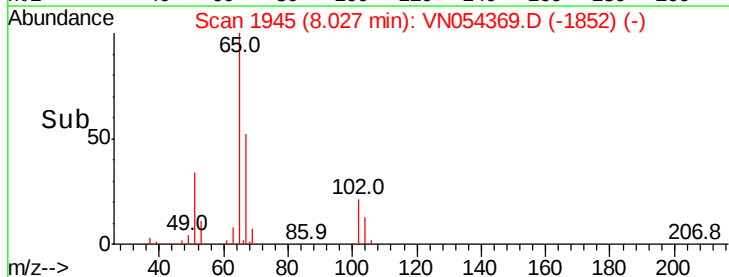
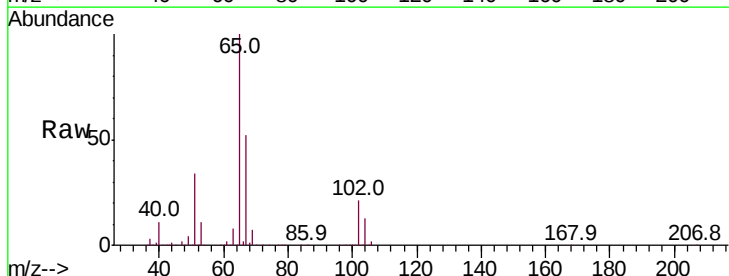
Acq: 17 Mar 2019 6:55

Tgt Ion: 65 Resp: 894820

Ion Ratio Lower Upper

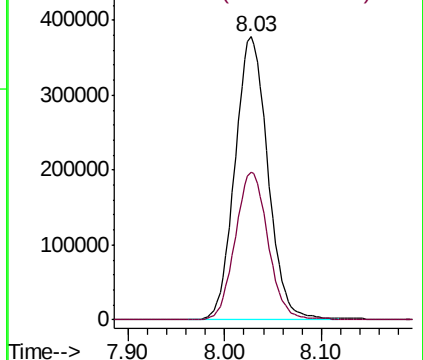
65 100

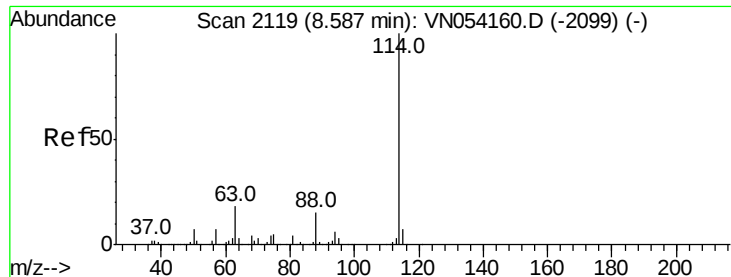
67 52.4 0.0 104.6



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: 8.59 min Scan# 2119

Delta R.T. 0.00 min

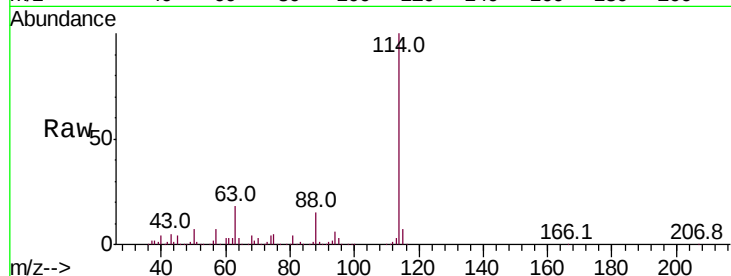
Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-A

Tot Ion:114 Resp: 2626614

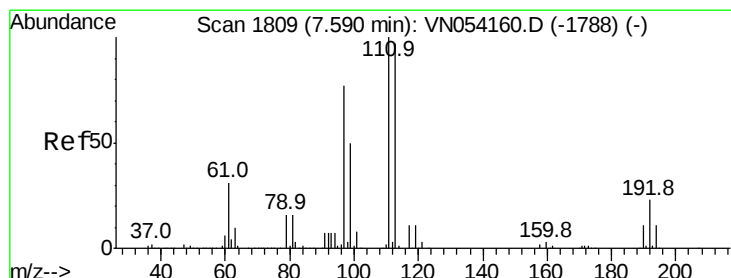
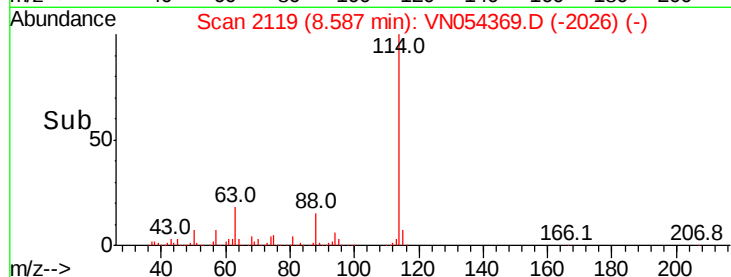
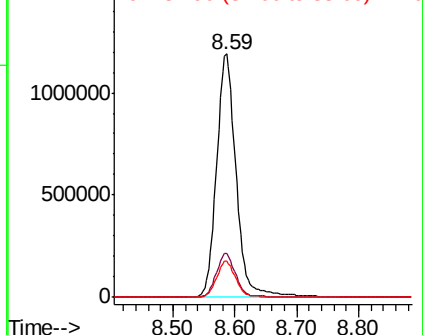
Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.2
88	14.9	0.0	30.2



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: 47.160 ug/l

RT: 7.59 min Scan# 1809

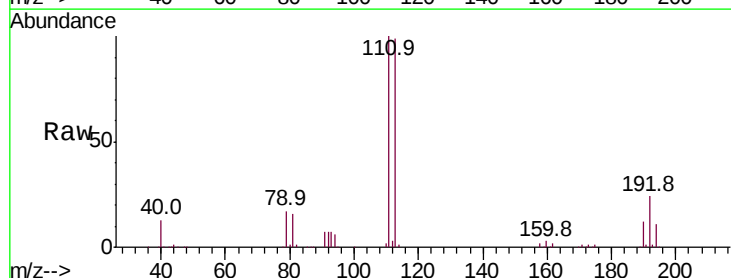
Delta R.T. 0.00 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

Tgt Ion:113 Resp: 798910

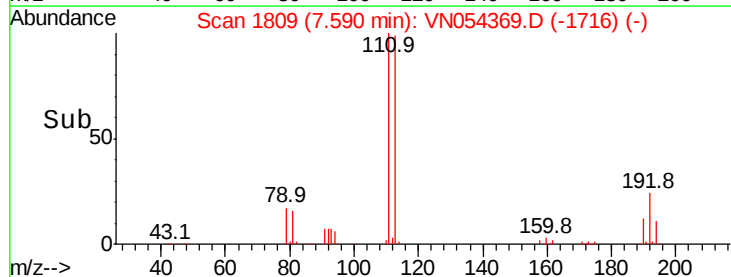
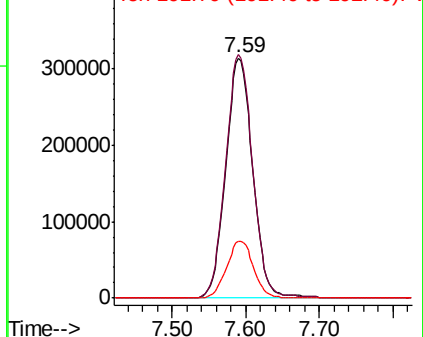
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	23.8	19.2	28.8

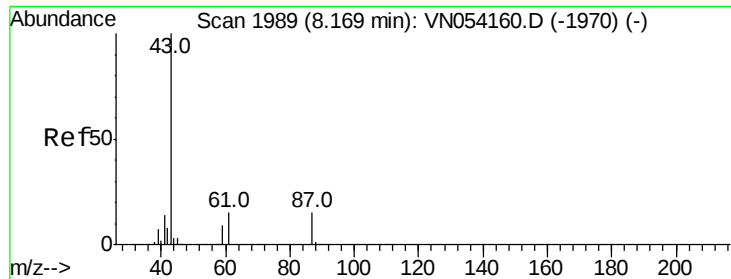


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

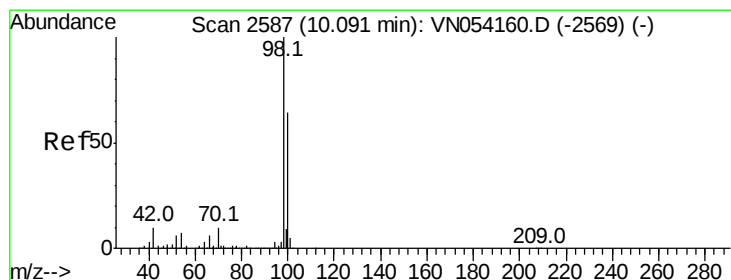
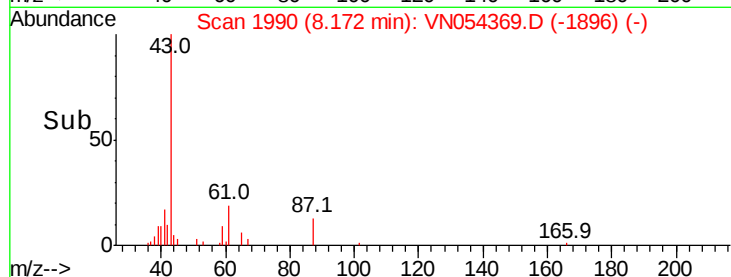
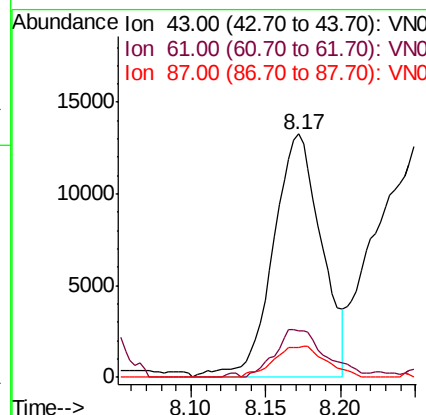
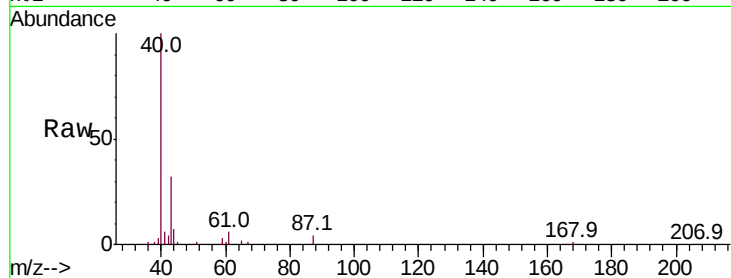




#43
Isopropyl Acetate
Concen: 1.219 ug/l
RT: 8.17 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN054369.D
Acq: 17 Mar 2019 6:55

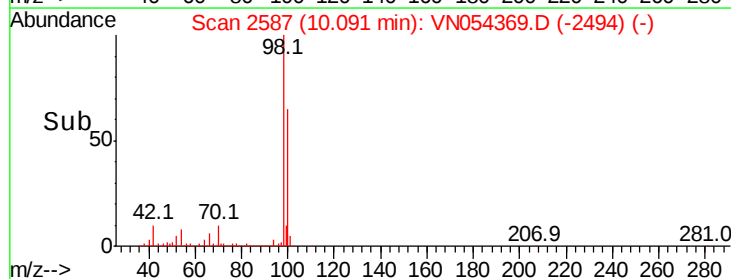
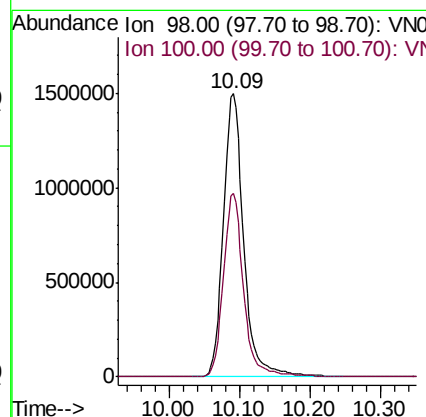
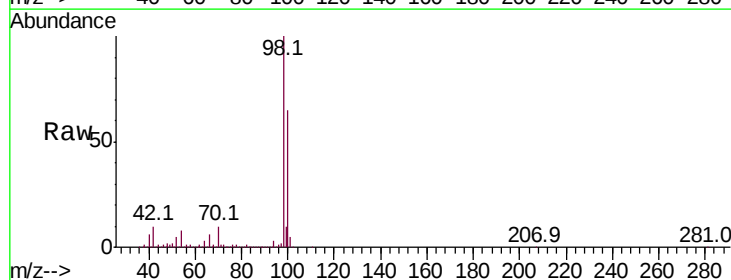
Instrument :
MSVOA_N
ClientSampleId :
SU-01-031519-A

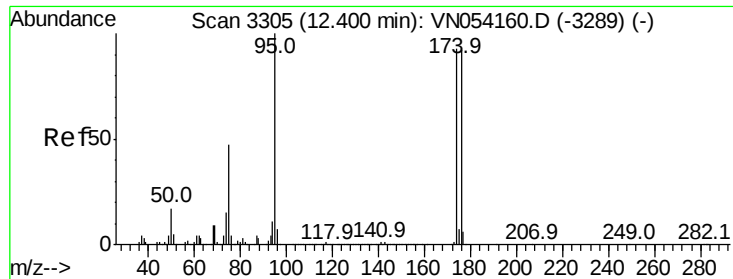
Tot Ion: 43 Resp: 29738
Ion Ratio Lower Upper
43 100
61 20.2 15.8 23.8
87 13.7 12.0 18.0



#50
Toluene-d8
Concen: 48.203 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054369.D
Acq: 17 Mar 2019 6:55

Tgt Ion: 98 Resp: 3015761
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 42.063 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampleId :

SU-01-031519-A

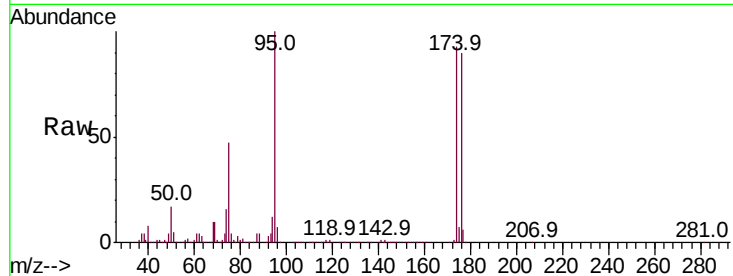
Tot Ion: 95 Resp: 920810

Ion Ratio Lower Upper

95 100

174 95.8 0.0 191.0

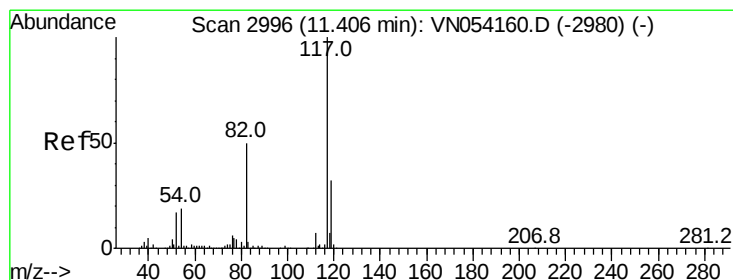
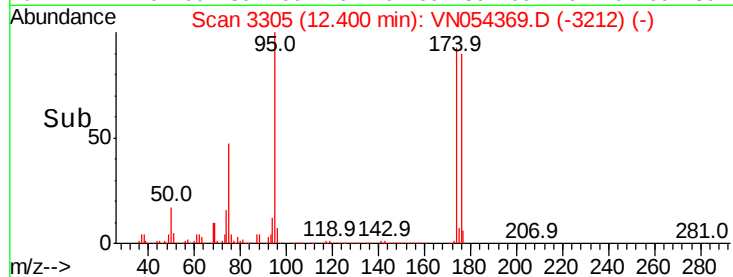
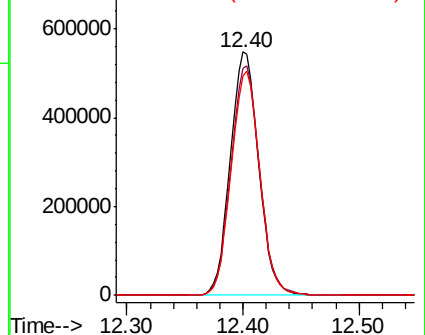
176 93.2 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054160.D (-3289) (-)

Ion 173.80 (173.50 to 174.50): VN054160.D (-3289) (-)

Ion 175.80 (175.50 to 176.50): VN054160.D (-3289) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

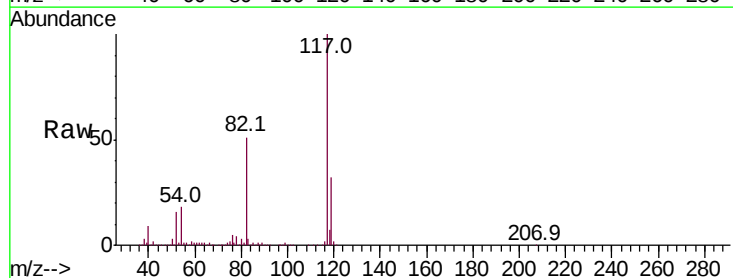
Tgt Ion: 117 Resp: 2214018

Ion Ratio Lower Upper

117 100

82 51.0 40.0 60.0

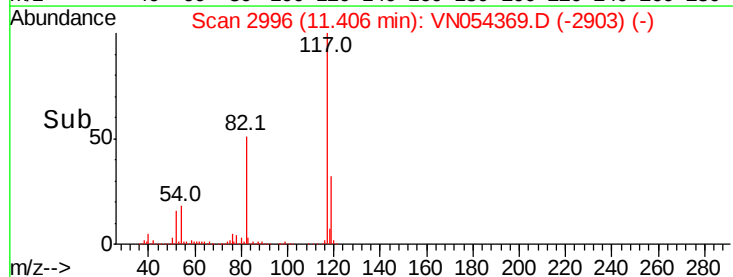
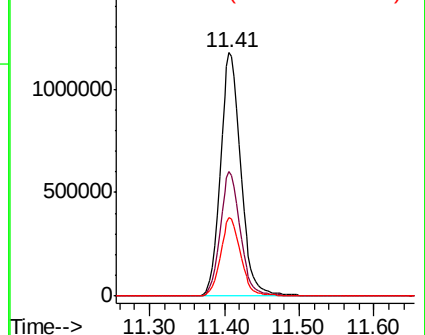
119 32.1 25.8 38.6

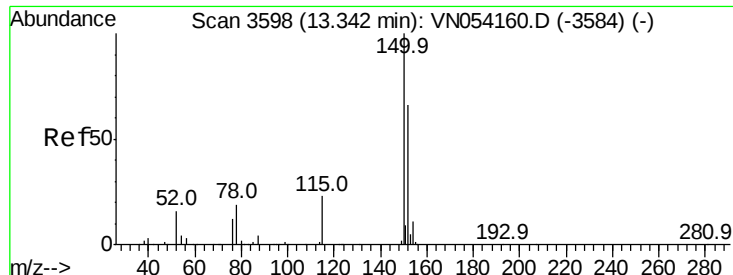


Abundance Ion 116.90 (116.60 to 117.60): VN054160.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN054160.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN054160.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

Instrument :

MSVOA_N

ClientSampleId :

SU-01-031519-A

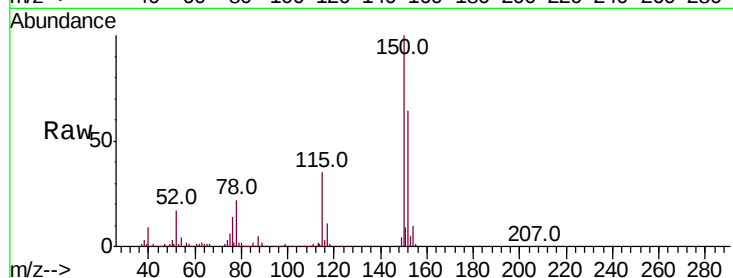
Tot Ion:152 Resp: 853674

Ion Ratio Lower Upper

152 100

115 55.5 27.2 81.6

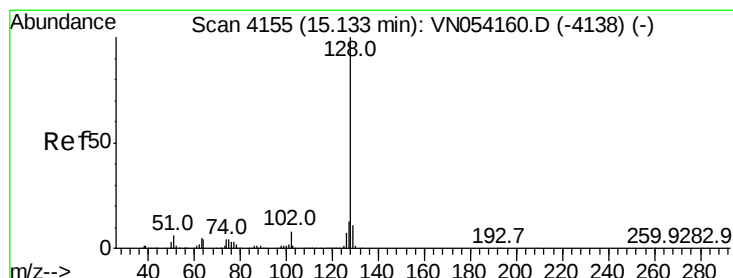
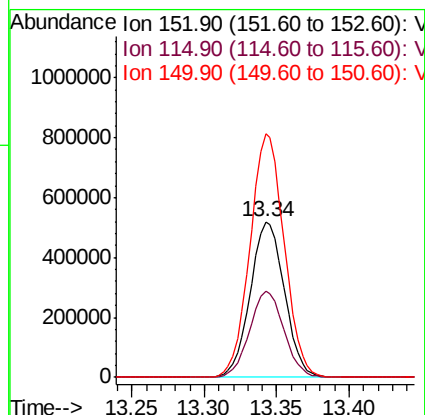
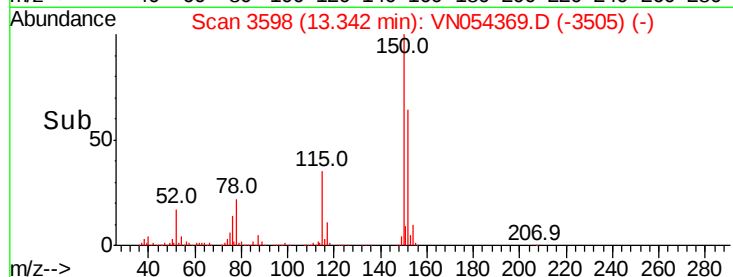
150 156.3 0.0 349.2



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: 11.407 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054369.D

Acq: 17 Mar 2019 6:55

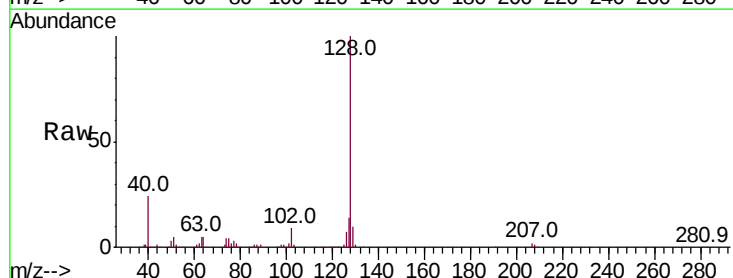
Tgt Ion:128 Resp: 319332

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

129 10.4 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

