

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054374.D
 Acq On : 17 Mar 2019 9:12
 Operator : JC/SP
 Sample : K1691-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-01-031519-E

Quant Time: Mar 18 08:46:44 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

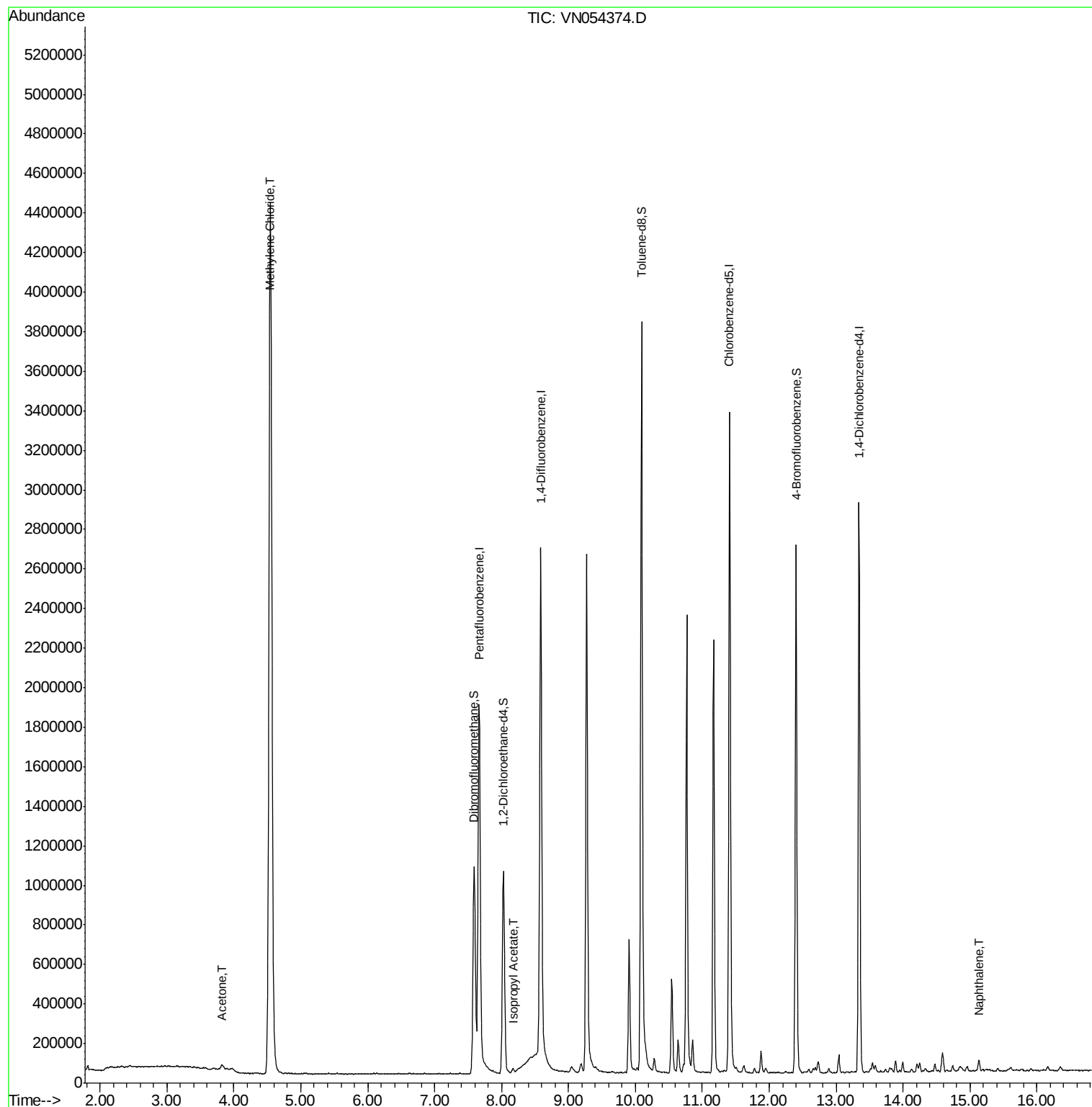
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1829904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2636436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2227833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	851718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	899240	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
35) Dibromofluoromethane	7.59	113	802110	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
50) Toluene-d8	10.09	98	3021156	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.40	95	918539	41.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.60%	
Target Compounds						
16) Acetone	3.82	43	31667	5.691	ug/l	91
20) Methylene Chloride	4.55	84	3560738	194.889	ug/l	99
43) Isopropyl Acetate	8.17	43	27543	1.125	ug/l	97
95) Naphthalene	15.13	128	53645	4.806	ug/l	99

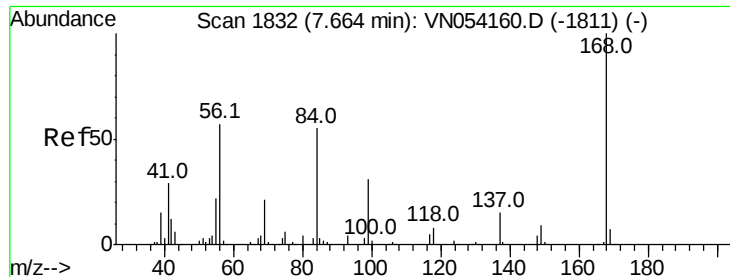
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054374.D

Acq: 17 Mar 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

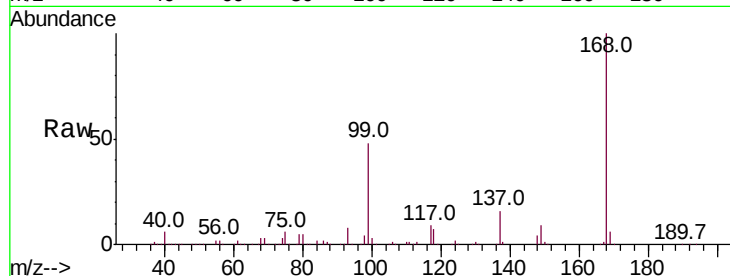
CL-01-031519-E

Tot Ion:168 Resp: 1829904

Ion Ratio Lower Upper

168 100

99 47.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

800000

600000

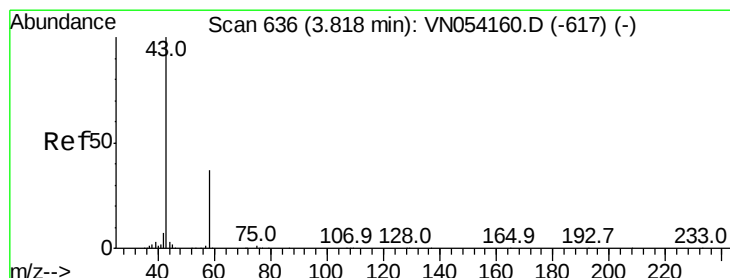
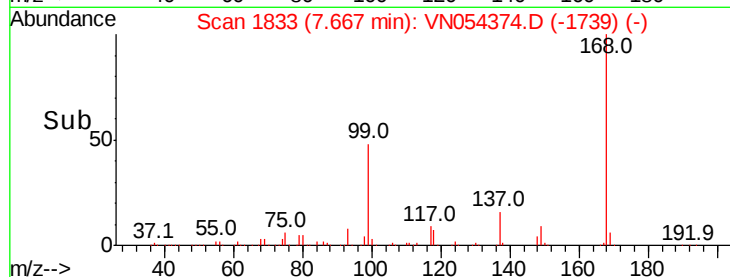
400000

200000

0

7.60 7.80 8.00

Time-->



#16

Acetone

Concen: 5.691 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054374.D

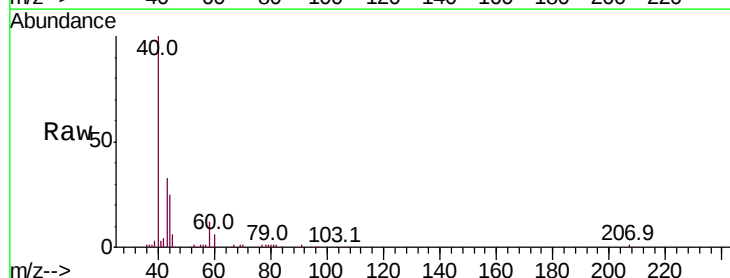
Acq: 17 Mar 2019 9:12

Tgt Ion: 43 Resp: 31667

Ion Ratio Lower Upper

43 100

58 42.9 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

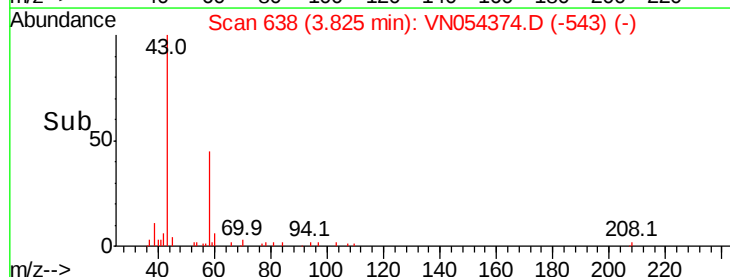
10000

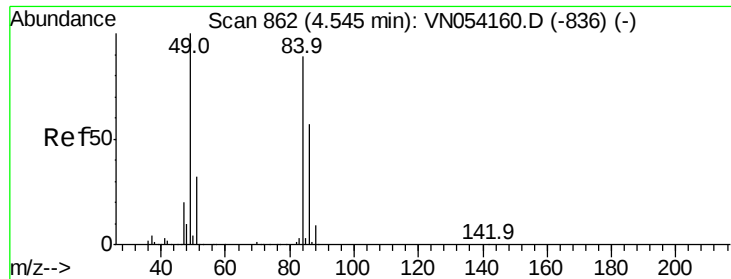
5000

0

3.75 3.80 3.85 3.90

Time-->





#20

Methylene Chloride

Concen: 194.889 ug/l

RT: 4.55 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-E

Tot Ion: 84 Resp: 3560738

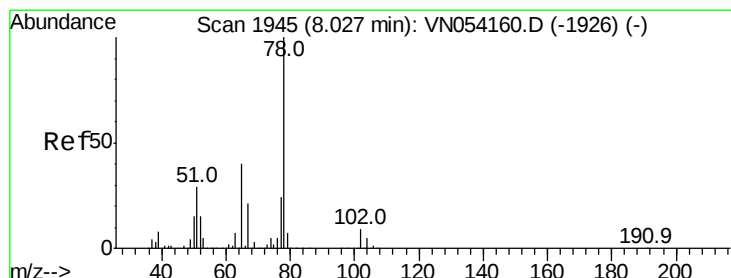
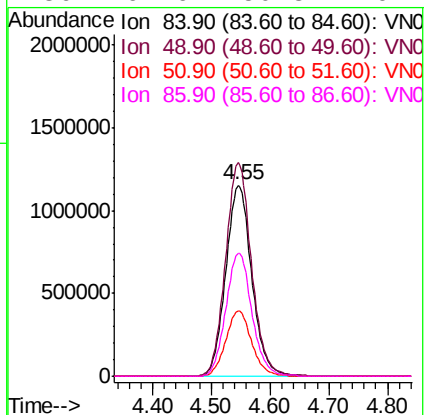
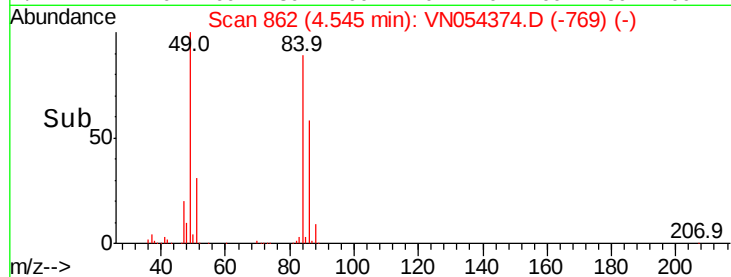
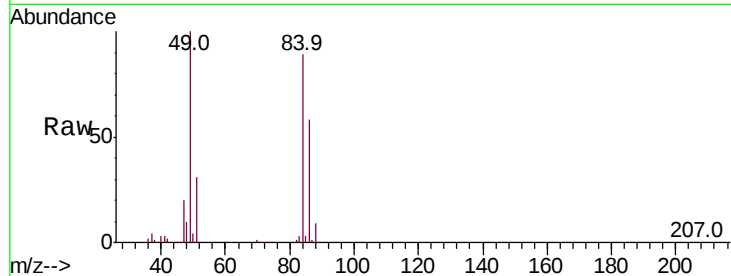
Ion	Ratio	Lower	Upper
84	100		
49	112.0	89.7	134.5
51	34.3	28.2	42.4
86	64.6	50.8	76.2

84 100

49 112.0 89.7 134.5

51 34.3 28.2 42.4

86 64.6 50.8 76.2



#33

1,2-Dichloroethane-d4

Concen: 46.272 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054374.D

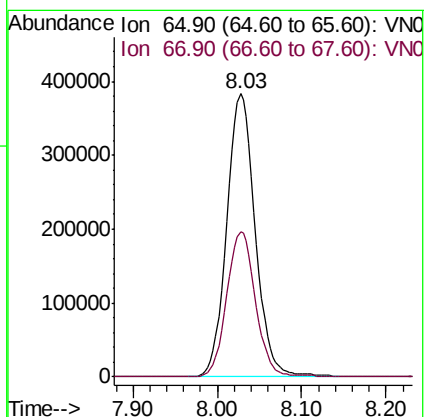
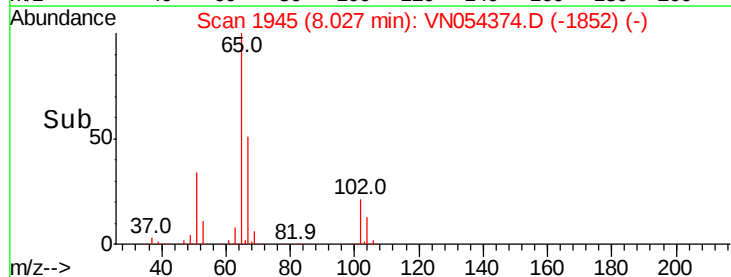
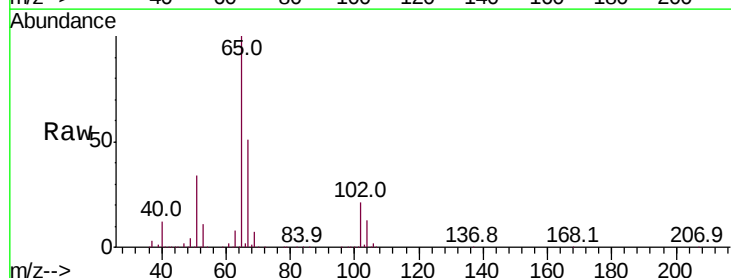
Acq: 17 Mar 2019 9:12

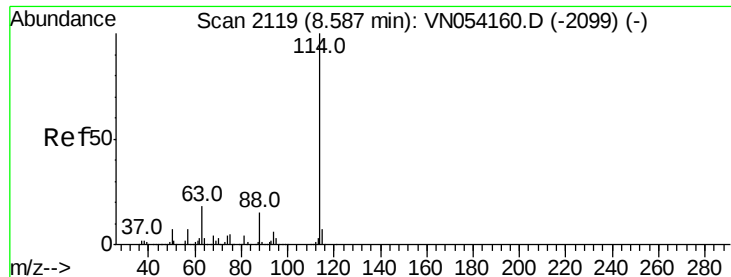
Tgt Ion: 65 Resp: 899240

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.6

65 100

67 52.0 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-E

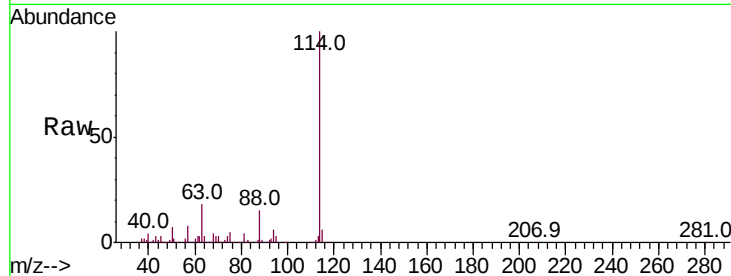
Tot Ion:114 Resp: 2636436

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

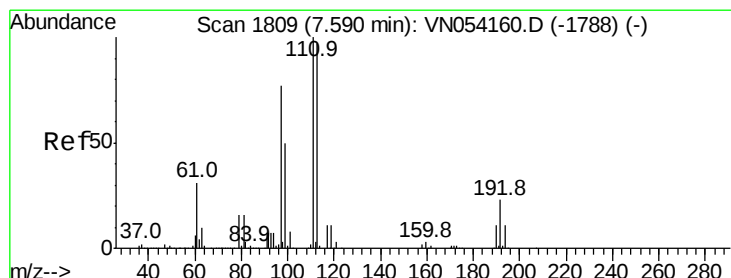
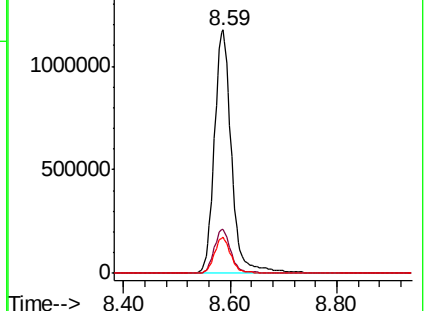
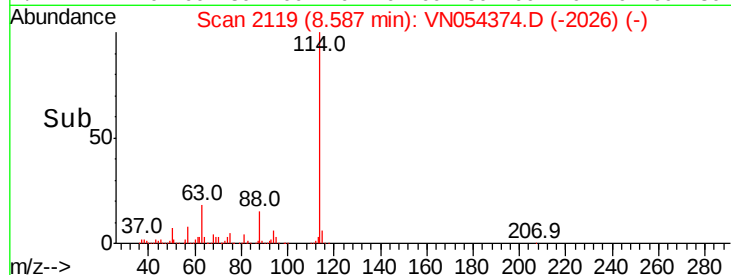
88 14.8 0.0 30.2



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: 47.172 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

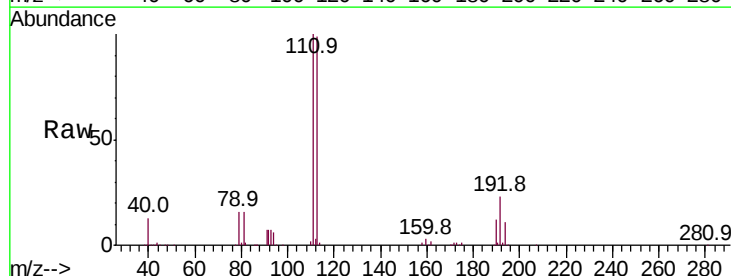
Tgt Ion:113 Resp: 802110

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

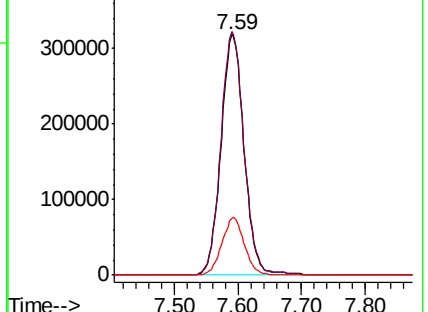
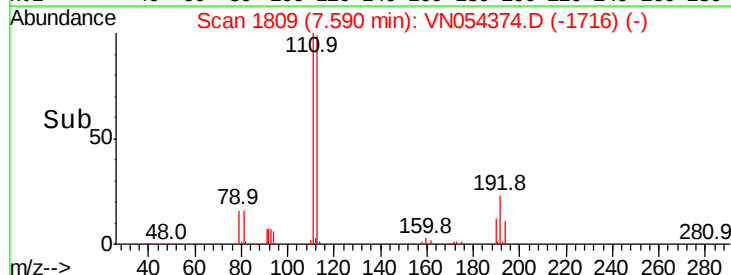
192 23.3 19.2 28.8

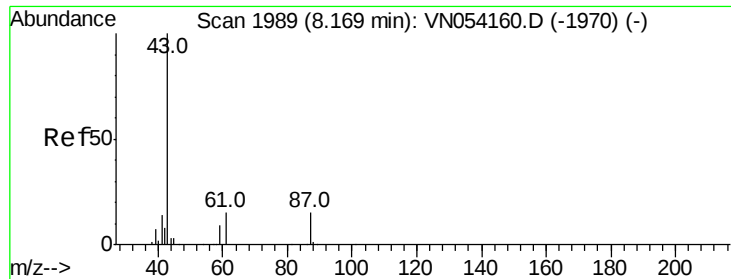


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.125 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-E

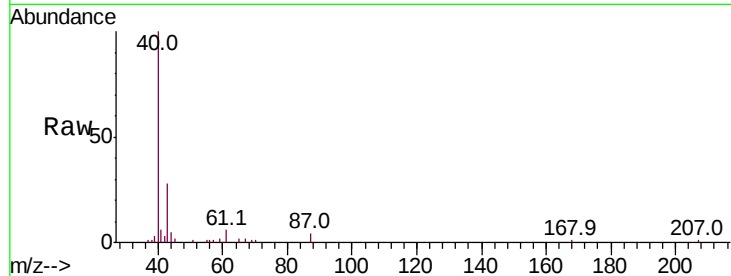
Tot Ion: 43 Resp: 27543

Ion Ratio Lower Upper

43 100

61 21.9 15.8 23.8

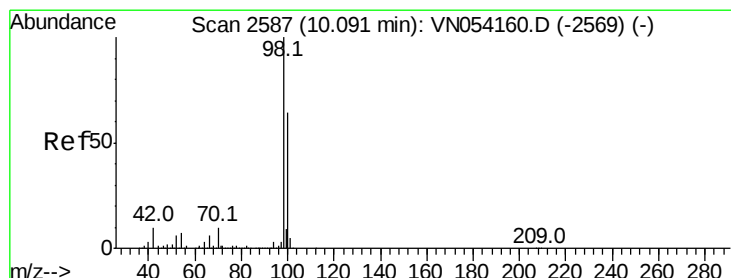
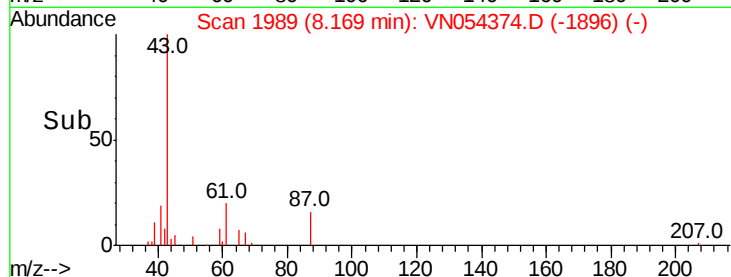
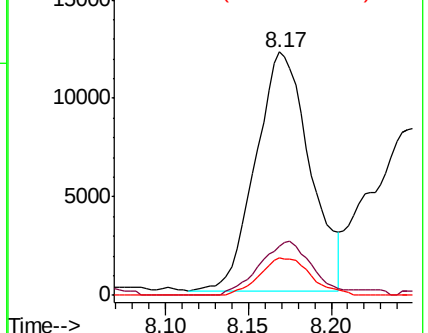
87 14.9 12.0 18.0



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: 48.109 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054374.D

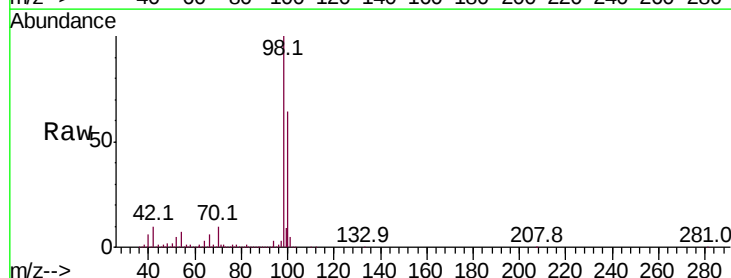
Acq: 17 Mar 2019 9:12

Tgt Ion: 98 Resp: 3021156

Ion Ratio Lower Upper

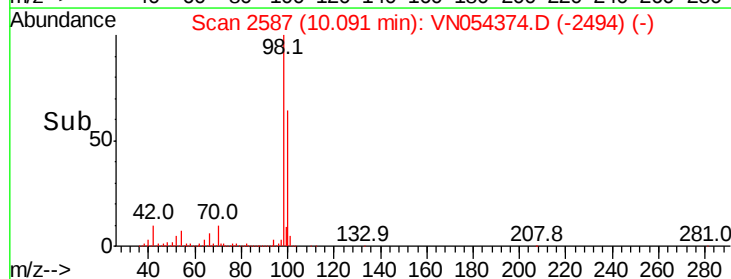
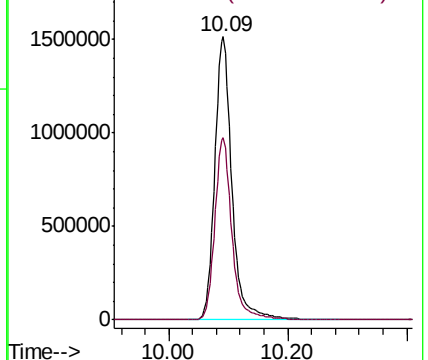
98 100

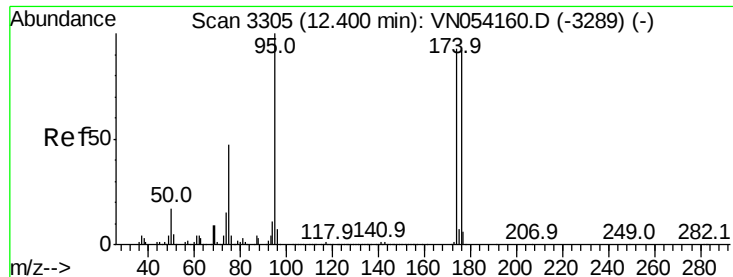
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 41.803 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

Instrument :

MSVOA_N

ClientSampled :

CL-01-031519-E

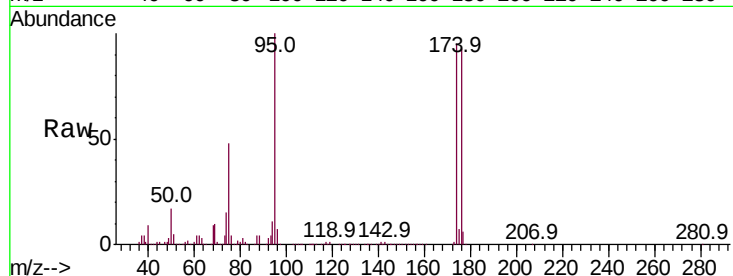
Tot Ion: 95 Resp: 918539

Ion Ratio Lower Upper

95 100

174 96.2 0.0 191.0

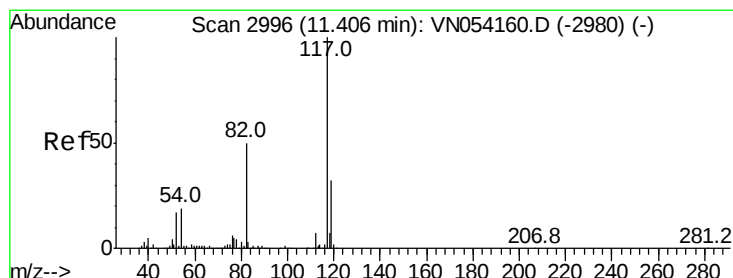
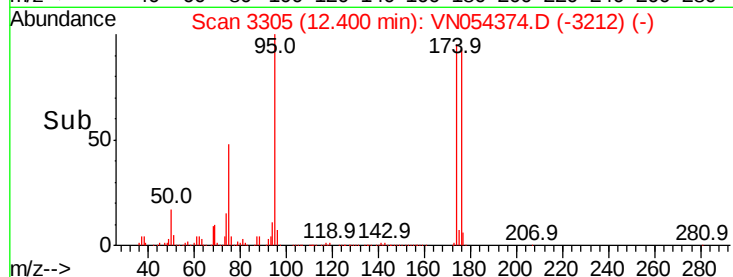
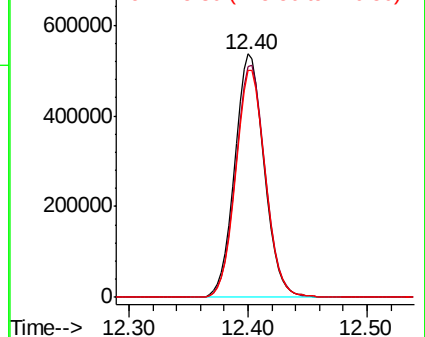
176 94.0 0.0 187.4



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: VN054374.D

Acq: 17 Mar 2019 9:12

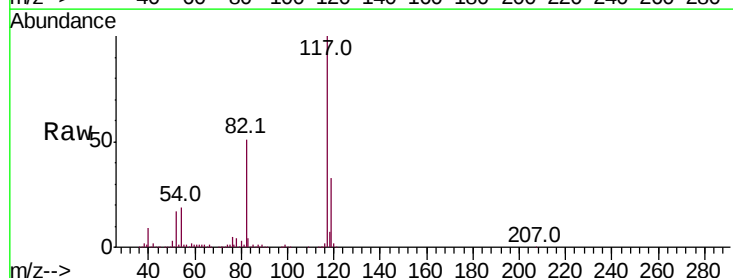
Tgt Ion: 117 Resp: 2227833

Ion Ratio Lower Upper

117 100

82 51.2 40.0 60.0

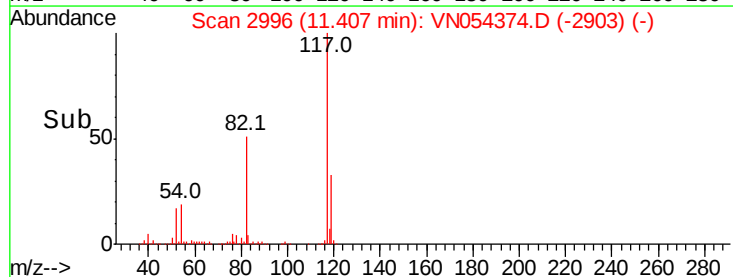
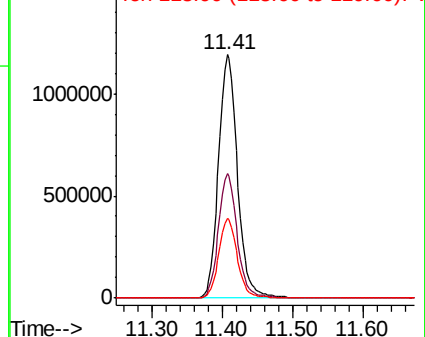
119 32.7 25.8 38.6

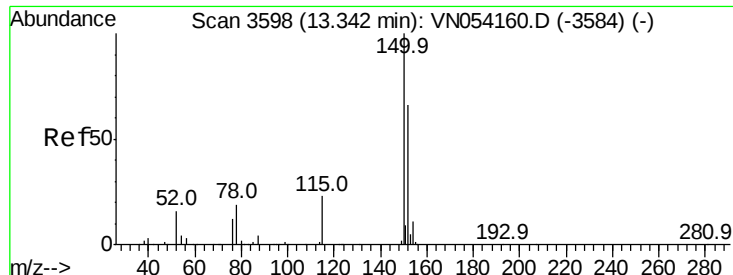


Abundance Ion 116.90 (116.60 to 117.60): VN054160.D (-2980) (-)

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: VN054374.D

Acq: 17 Mar 2019 9:12

Instrument :

MSVOA_N

ClientSampleId :

CL-01-031519-E

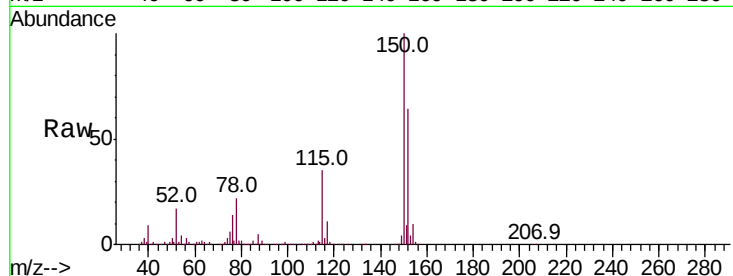
Tot Ion:152 Resp: 851718

Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.6

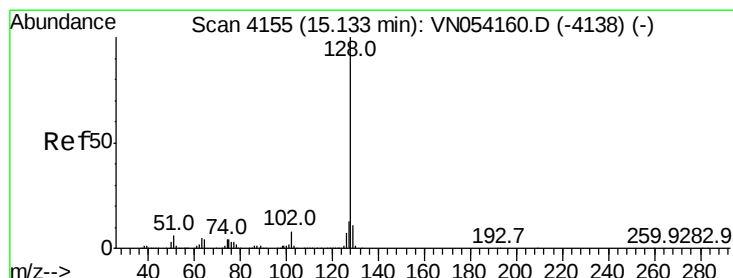
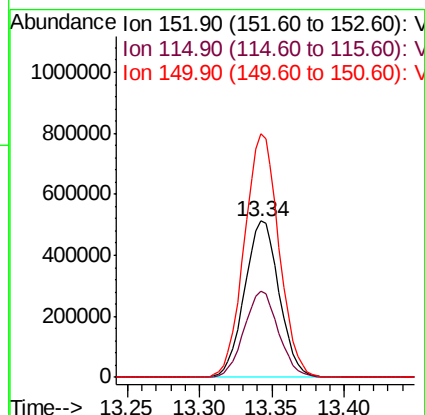
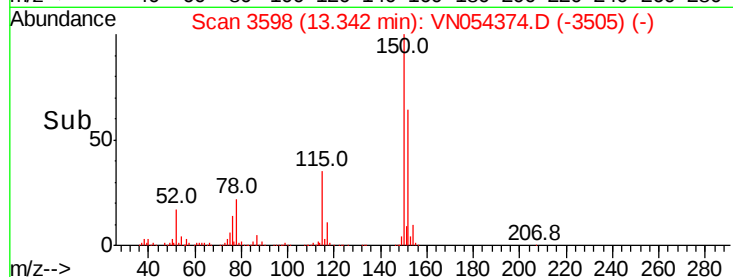
150 155.7 0.0 349.2



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: 4.806 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054374.D

Acq: 17 Mar 2019 9:12

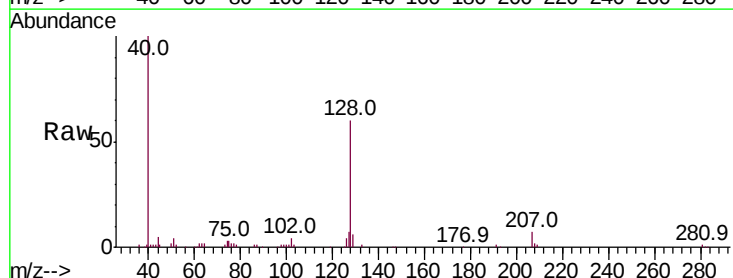
Tgt Ion:128 Resp: 53645

Ion Ratio Lower Upper

128 100

127 11.9 10.1 15.1

129 10.8 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

