

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050119\
 Data File : VN055323.D
 Acq On : 1 May 2019 12:37
 Operator : JC/SP
 Sample : K2204-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-043019

Quant Time: May 02 08:32:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

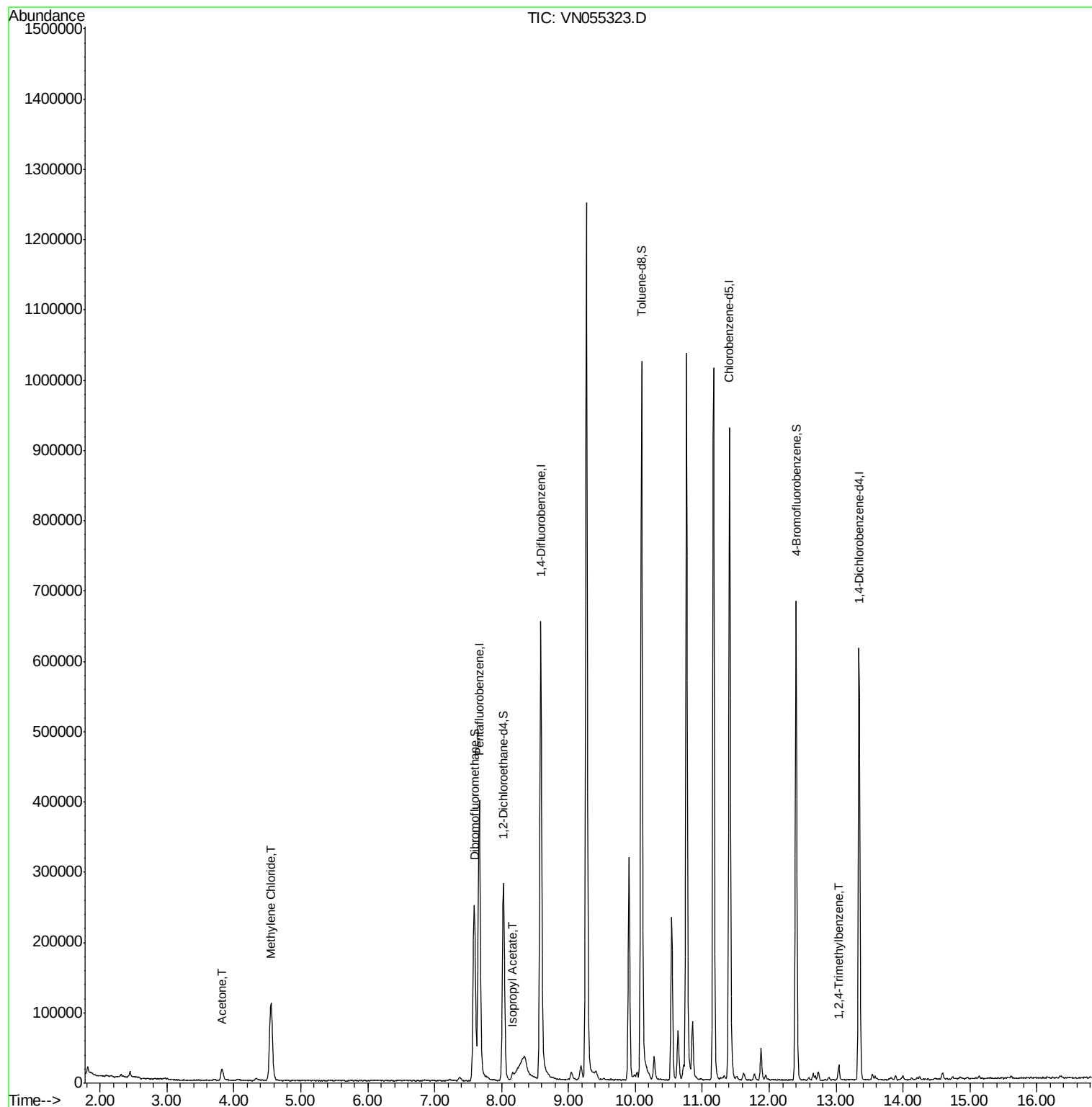
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	338306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	590478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	547673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	163511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	241857	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.30%	
35) Dibromofluoromethane	7.59	113	194476	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	10.09	98	741791	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.40	95	232635	53.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.38%	
Target Compounds						
16) Acetone	3.82	43	29732	21.560	ug/l	90
20) Methylene Chloride	4.55	84	76377	18.145	ug/l	96
43) Isopropyl Acetate	8.17	43	14048	2.017	ug/l #	95
84) 1,2,4-Trimethylbenzene	13.04	105	12189	1.063	ug/l	96

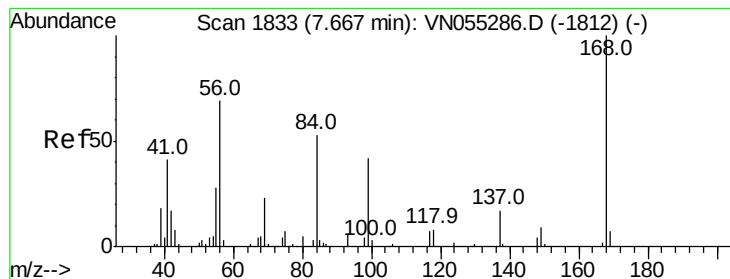
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 02 08:32:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055323.D

Acq: 1 May 2019 12:37

Instrument :

MSVOA_N

ClientSampleId :

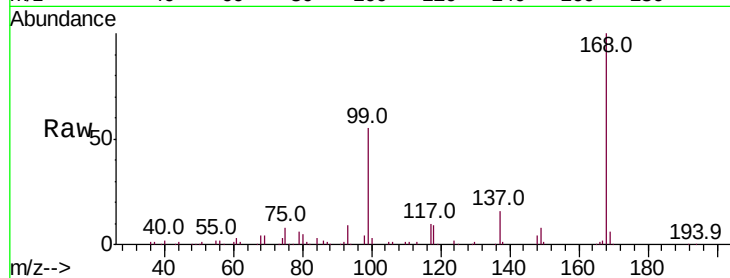
TR-04-043019

Tot Ion:168 Resp: 338306

Ion Ratio Lower Upper

168 100

99 54.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

150000

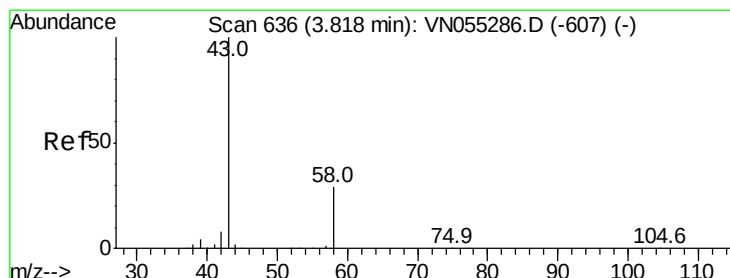
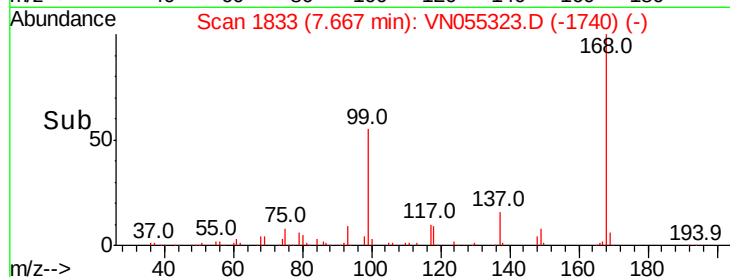
100000

50000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#16

Acetone

Concen: 21.560 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055323.D

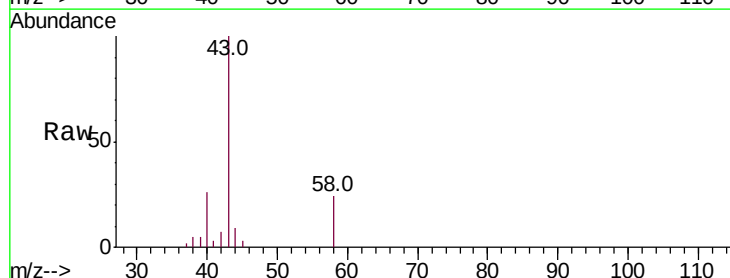
Acq: 1 May 2019 12:37

Tgt Ion: 43 Resp: 29732

Ion Ratio Lower Upper

43 100

58 24.2 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-607) (-)

3.82

12000

10000

8000

6000

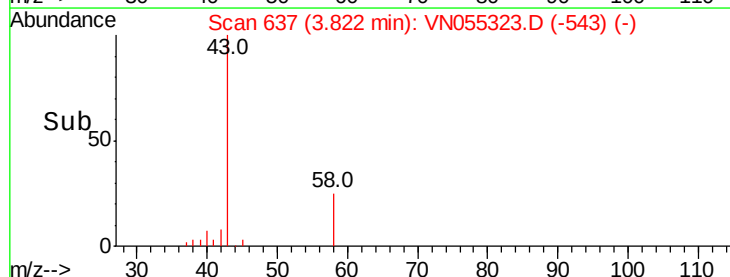
4000

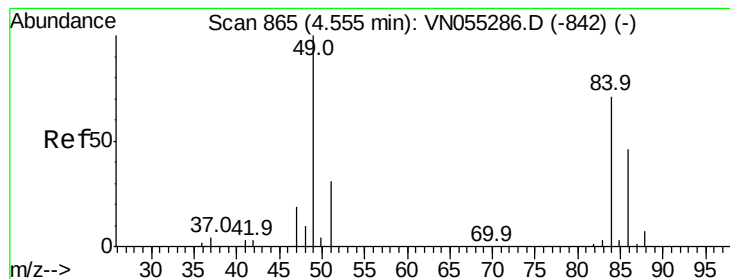
2000

0

3.70 3.80 3.90

Time-->





#20

Methylene Chloride

Concen: 18.145 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN055323.D

Acq: 1 May 2019 12:37

Instrument :

MSVOA_N

ClientSampled :

TR-04-043019

Tot Ion: 84 Resp: 76377

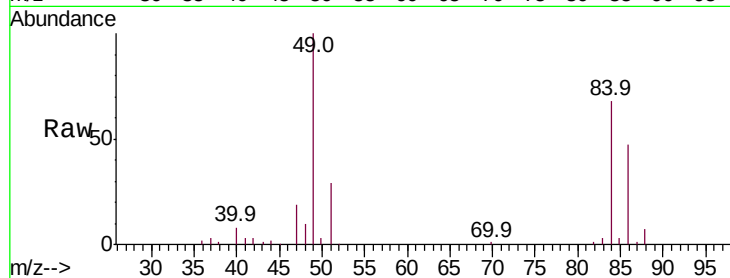
Ion Ratio Lower Upper

84 100

49 146.9 112.4 168.6

51 43.4 34.6 51.8

86 68.9 51.9 77.9

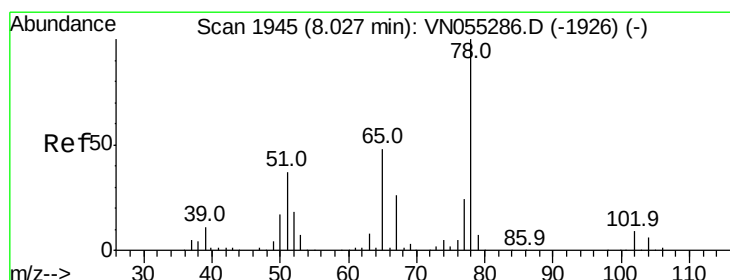
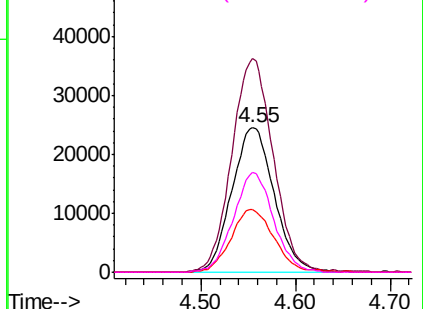
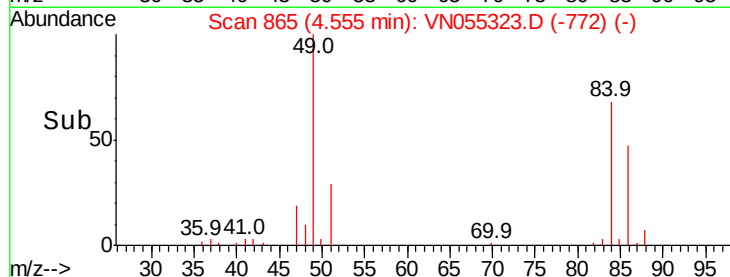


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 54.647 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055323.D

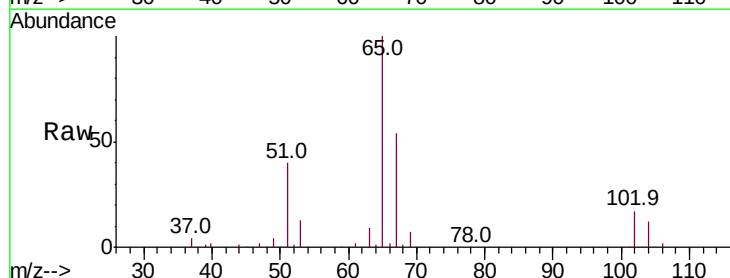
Acq: 1 May 2019 12:37

Tgt Ion: 65 Resp: 241857

Ion Ratio Lower Upper

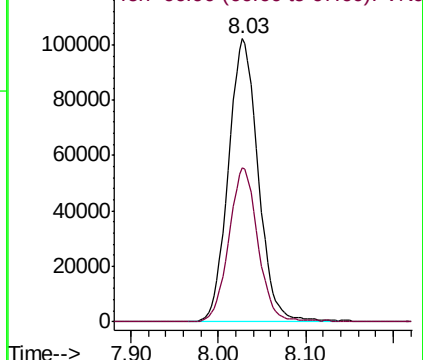
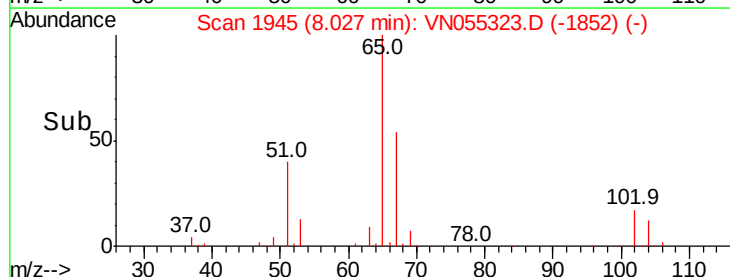
65 100

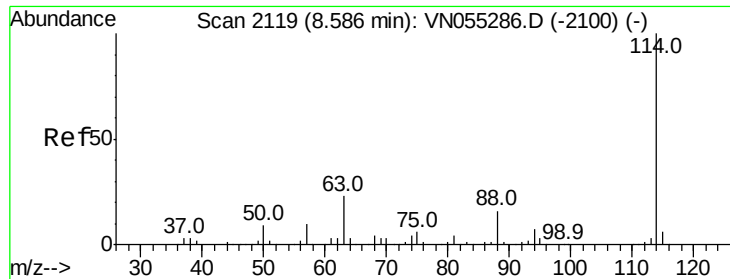
67 52.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

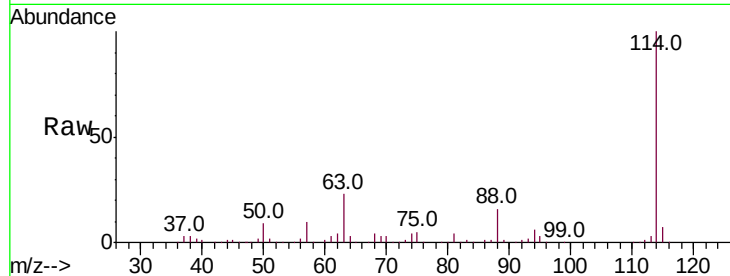




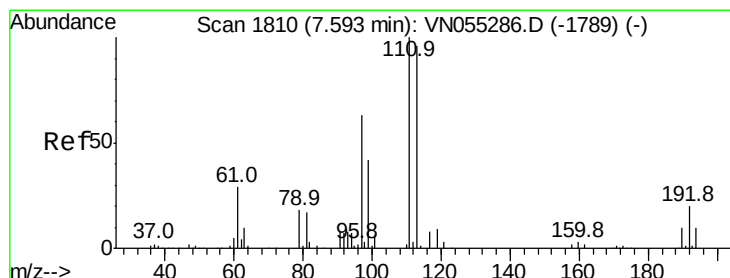
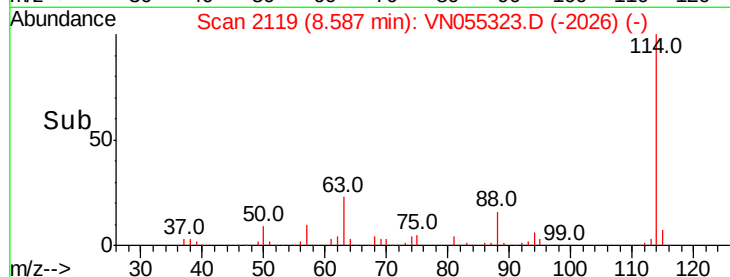
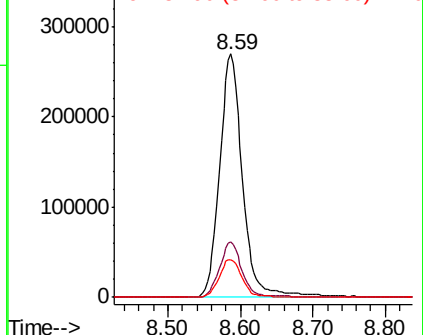
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055323.D
 Acq: 1 May 2019 12:37

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-043019

Tot Ion:114 Resp: 590478
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.2
 88 15.6 0.0 31.6

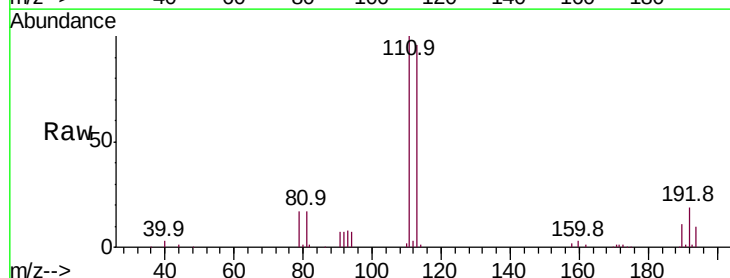


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

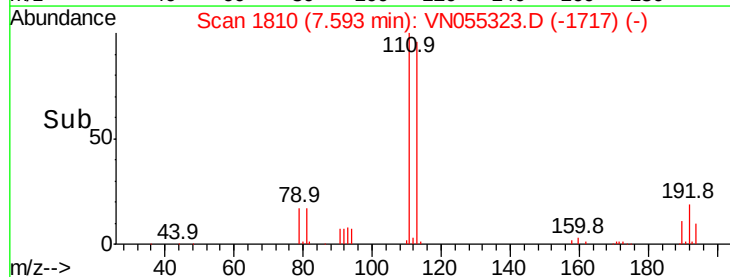
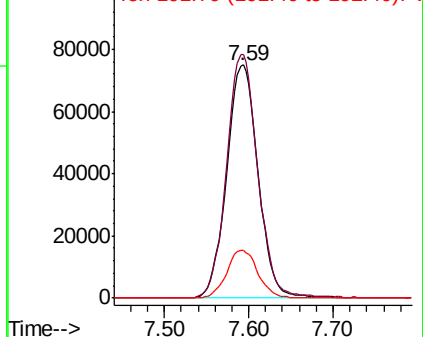


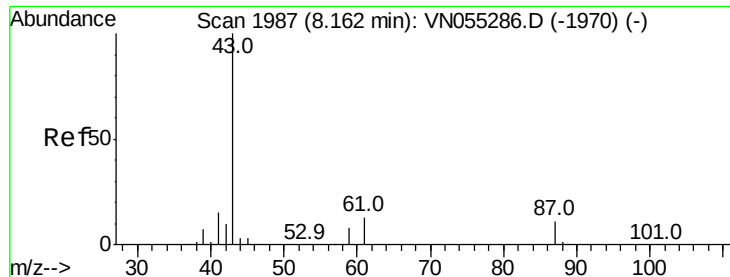
#35
 Dibromofluoromethane
 Concen: 50.178 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055323.D
 Acq: 1 May 2019 12:37

Tgt Ion:113 Resp: 194476
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.3 123.5
 192 20.3 17.0 25.6



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: 2.017 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN055323.D

Acq: 1 May 2019 12:37

Instrument :

MSVOA_N

ClientSampleId :

TR-04-043019

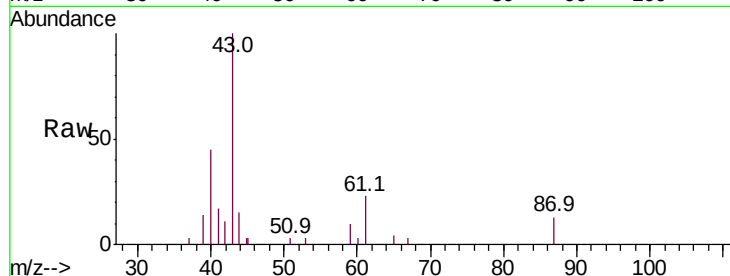
Tot Ion: 43 Resp: 14048

Ion Ratio Lower Upper

43 100

61 23.8 20.8 31.2

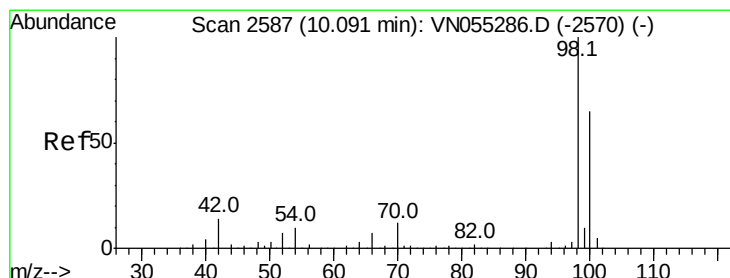
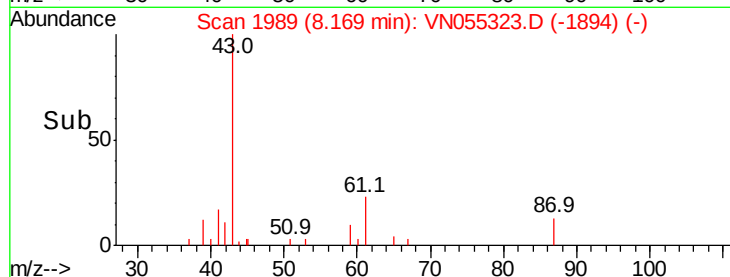
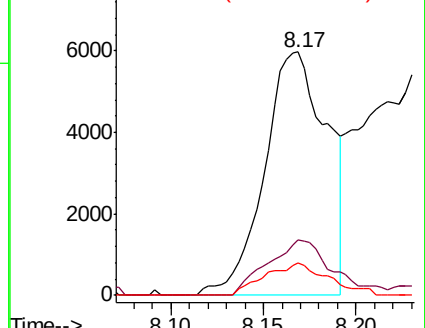
87 13.3 8.5 12.7#



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: 53.005 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055323.D

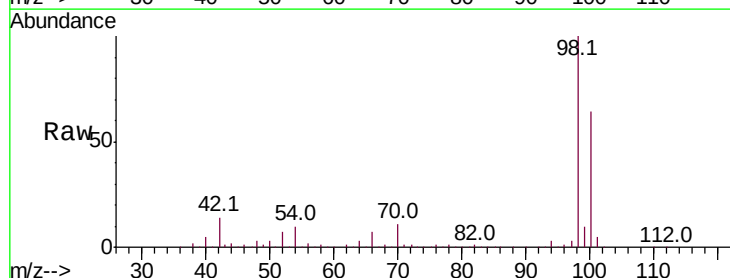
Acq: 1 May 2019 12:37

Tgt Ion: 98 Resp: 741791

Ion Ratio Lower Upper

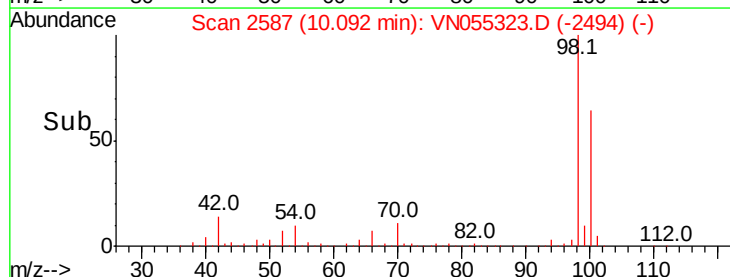
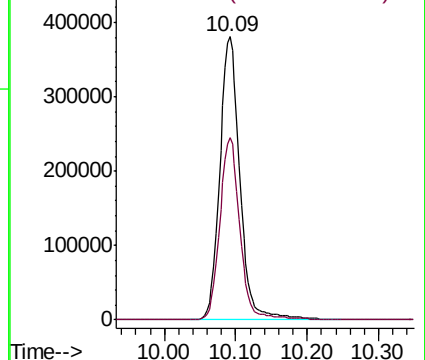
98 100

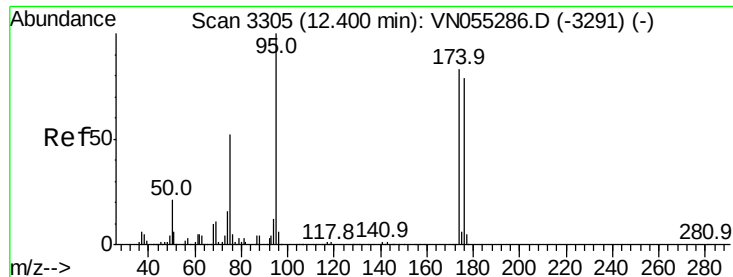
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

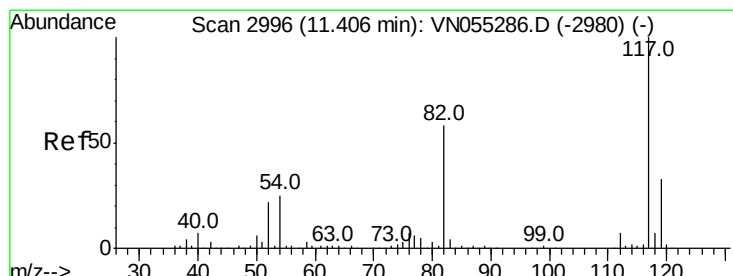
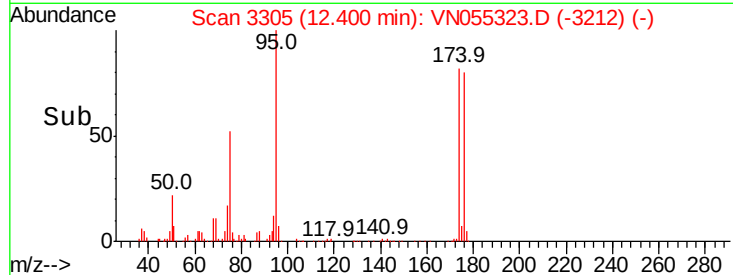
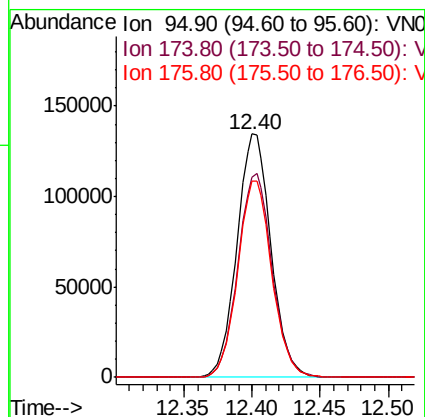
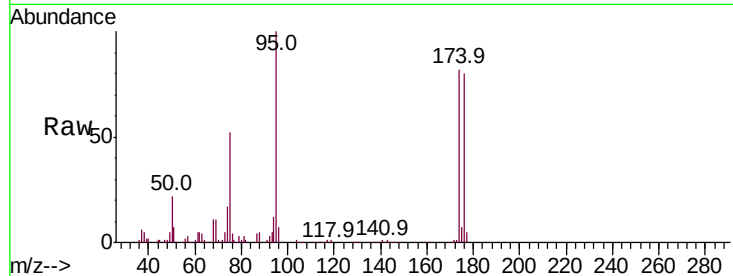




#62
4-Bromofluorobenzene
Concen: 53.188 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055323.D
Acq: 1 May 2019 12:37

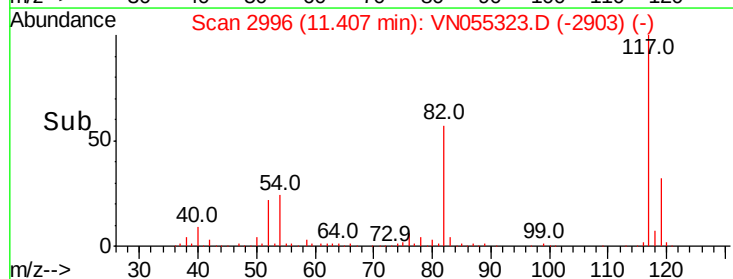
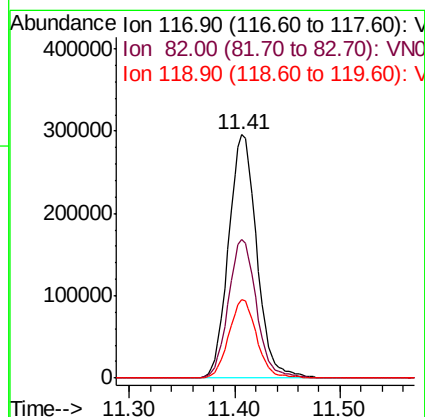
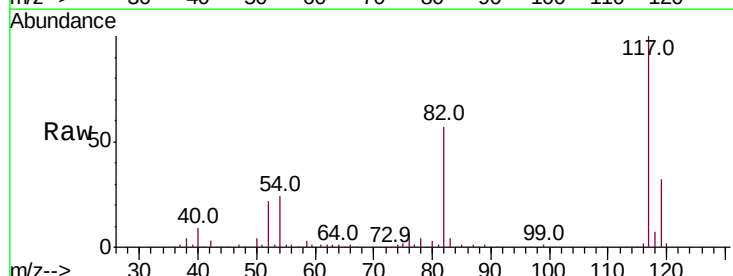
Instrument :
MSVOA_N
ClientSampleId :
TR-04-043019

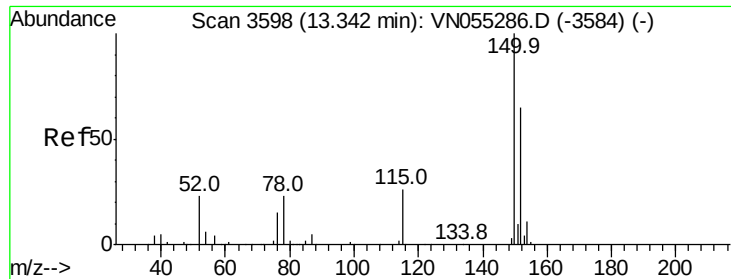
Tot Ion: 95 Resp: 232635
Ion Ratio Lower Upper
95 100
174 84.2 0.0 166.6
176 81.0 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055323.D
Acq: 1 May 2019 12:37

Tgt Ion: 117 Resp: 547673
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 32.3 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055323.D

Acq: 1 May 2019 12:37

Instrument :

MSVOA_N

ClientSampleId :

TR-04-043019

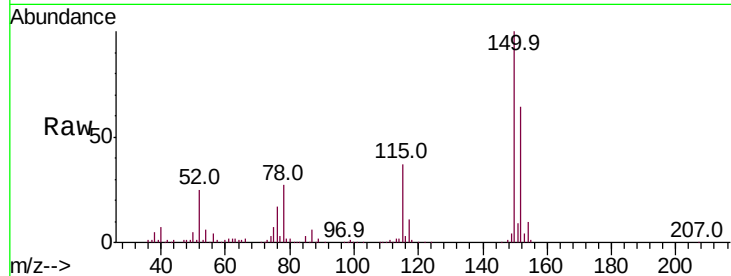
Tot Ion:152 Resp: 163511

Ion Ratio Lower Upper

152 100

115 58.2 29.0 87.0

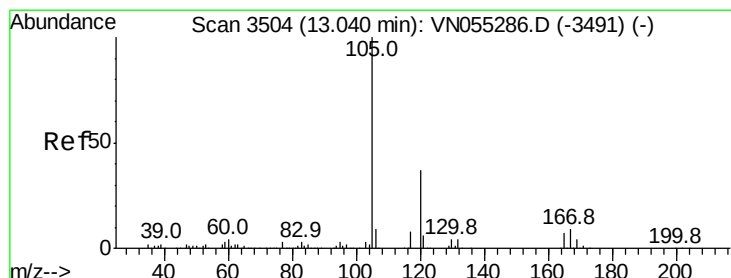
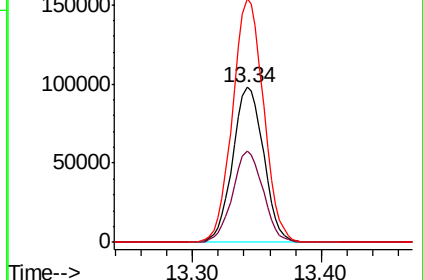
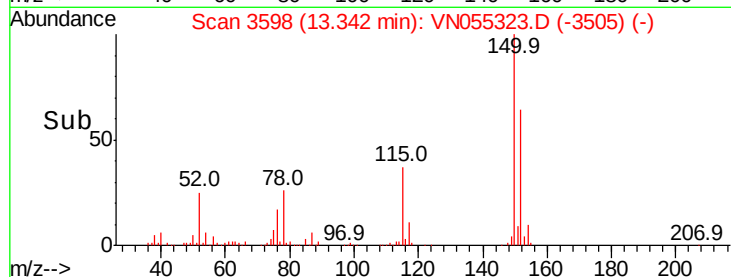
150 157.1 0.0 345.6



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: 1.063 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055323.D

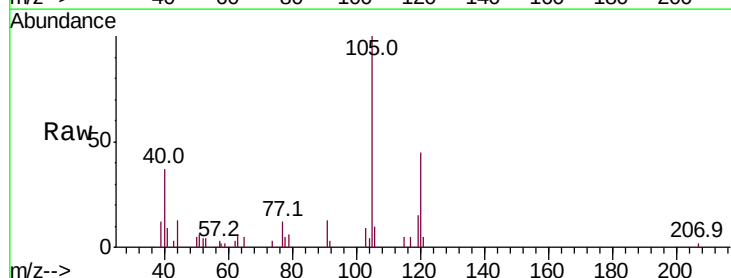
Acq: 1 May 2019 12:37

Tgt Ion:105 Resp: 12189

Ion Ratio Lower Upper

105 100

120 47.1 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

