

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055623.D
 Acq On : 17 May 2019 20:18
 Operator : JC/SP
 Sample : K2902-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 18 03:12:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

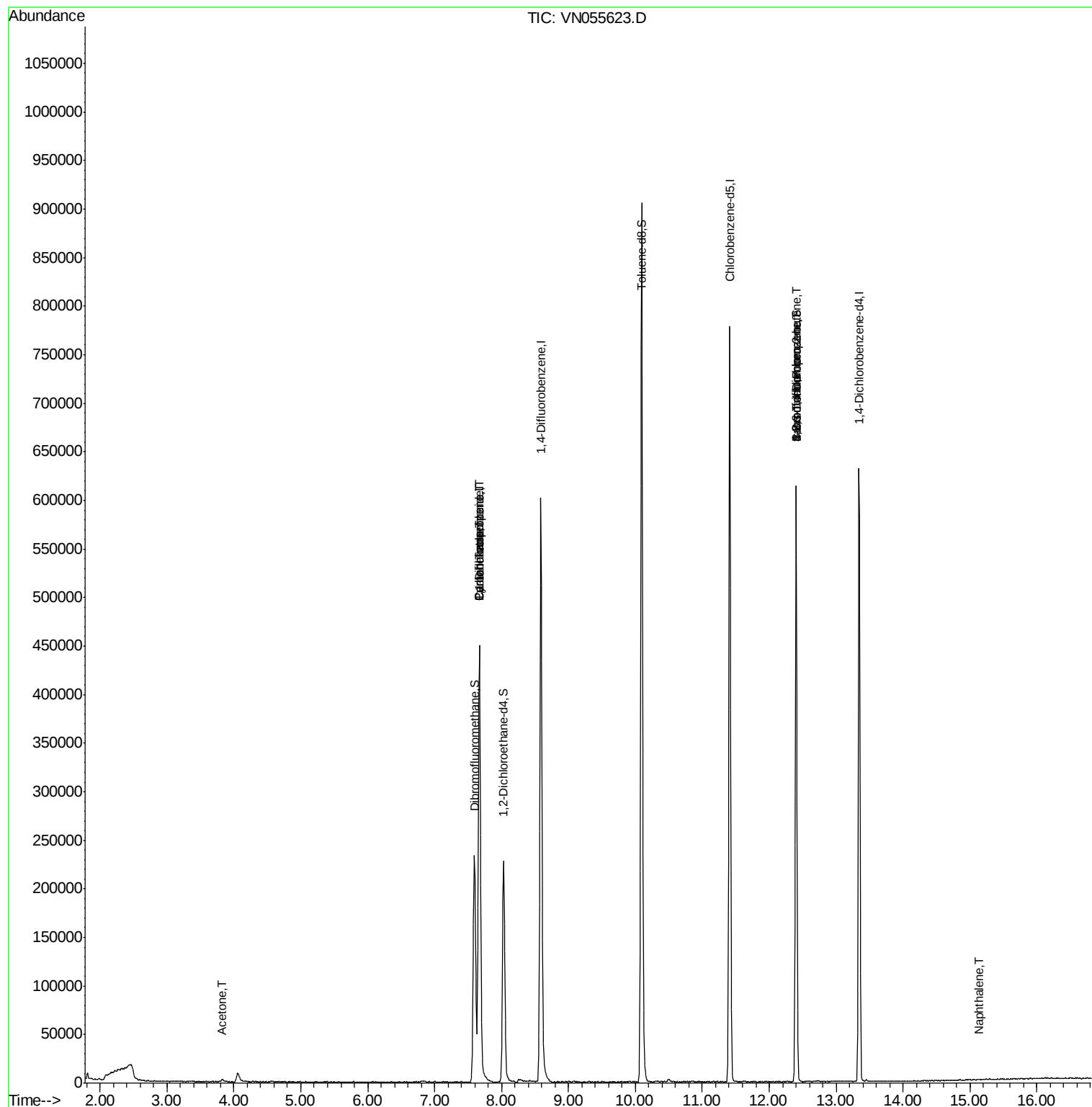
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	425105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	601944	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	495720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	187237	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	200975	43.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.26%	
35) Dibromofluoromethane	7.60	113	185419	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	10.09	98	694639	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	12.40	95	214358	42.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.86%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	3731	1.962	ug/l	95
31) Cyclohexane	7.66	56	6369	0.922	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	25561	4.763	ug/l #	50
38) Carbon Tetrachloride	7.67	117	35562	6.201	ug/l #	16
71) Bromoform	12.40	173	1386	0.405	ug/l #	1
73) Isopropylbenzene	12.25	105	141	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	98778	25.854	ug/l #	100
79) 2-Chlorotoluene	12.67	91	59	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	61	Below Cal	#	28
81) trans-1,4-Dichloro-2-buten	12.40	75	98778	66.460	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.05	105	94	Below Cal	#	30
85) sec-Butylbenzene	13.17	105	224	Below Cal	#	56
86) p-Isopropyltoluene	13.29	119	222	Below Cal	#	51
95) Naphthalene	15.15	128	345	1.798	ug/l #	69

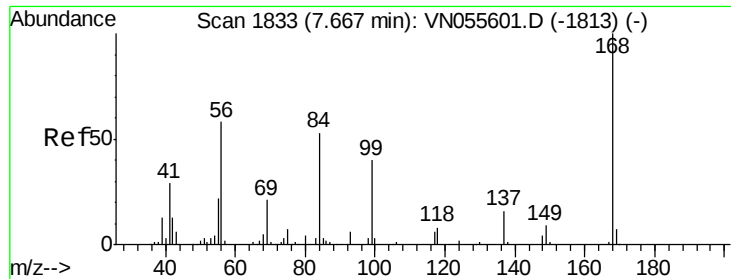
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051719\
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MSVOA_N
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Quant Time: May 18 03:12:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055623.D

Acq: 17 May 2019 20:18

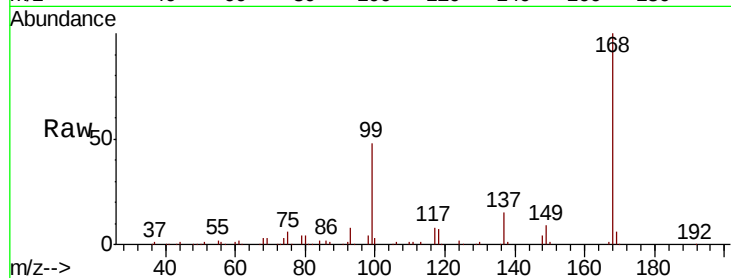
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 425105

Ion Ratio Lower Upper

168 100

99 47.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

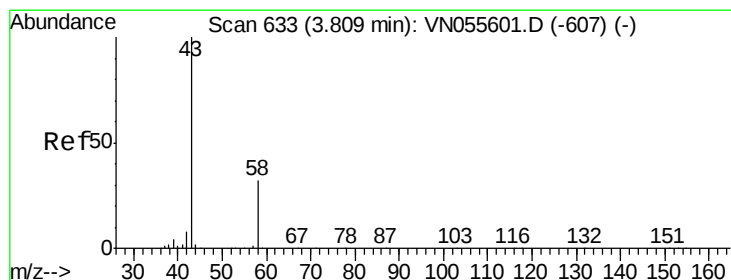
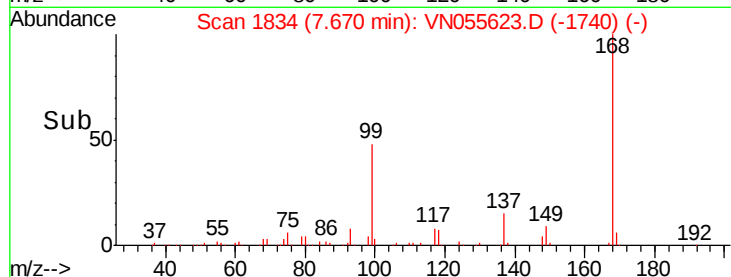
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.962 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.02 min

Lab File: VN055623.D

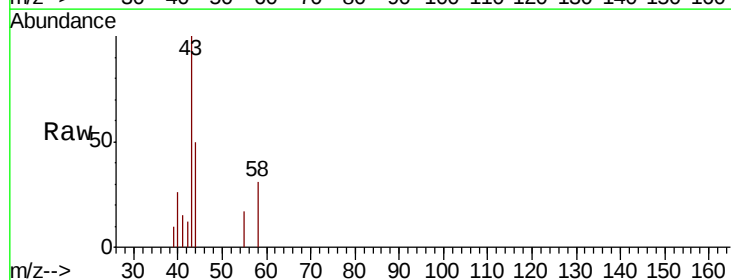
Acq: 17 May 2019 20:18

Tgt Ion: 43 Resp: 3731

Ion Ratio Lower Upper

43 100

58 35.4 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

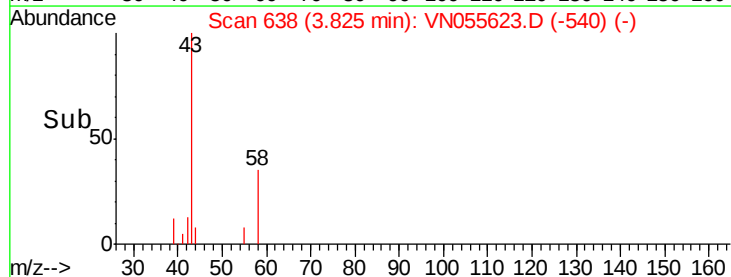
1500

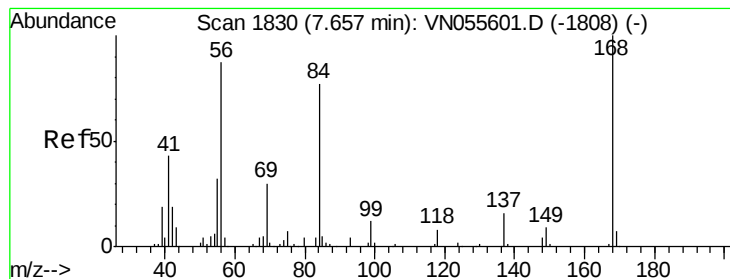
1000

500

0

Time-->





#31

Cyclohexane

Concen: 0.922 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN055623.D

Acq: 17 May 2019 20:18

Instrument :

MSVOA_N

ClientSampled :

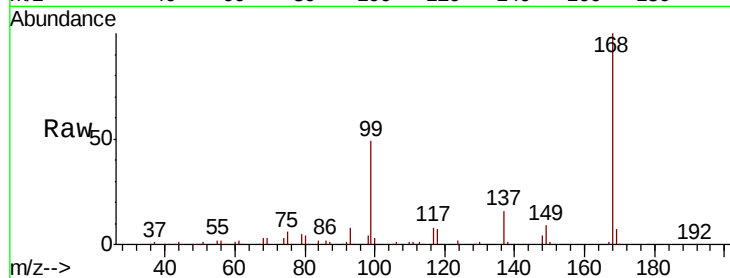
Tot Ion: 56 Resp: 6369

Ion Ratio Lower Upper

56 100

69 208.6 27.2 40.8#

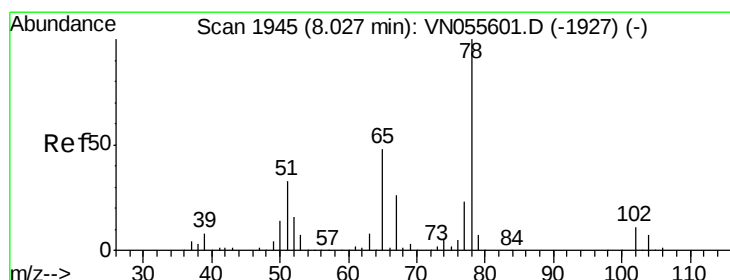
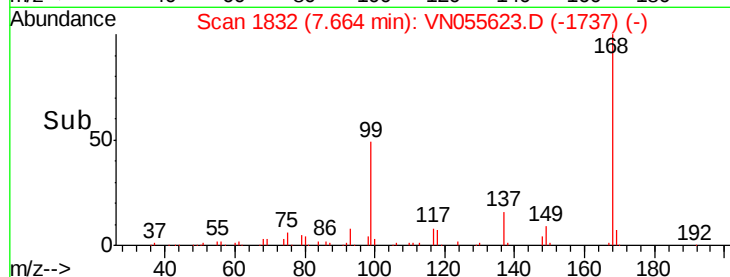
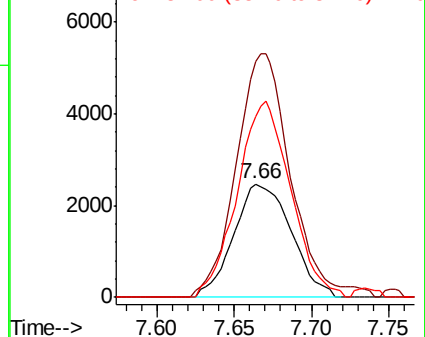
84 159.6 71.3 106.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 43.128 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055623.D

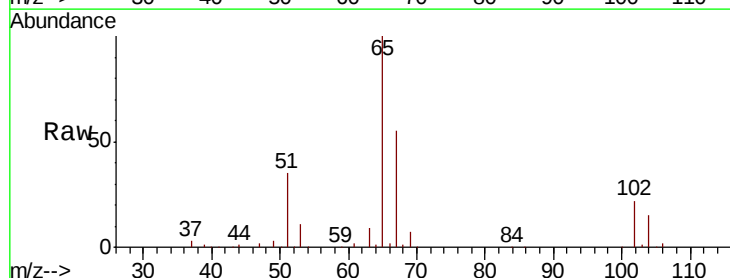
Acq: 17 May 2019 20:18

Tgt Ion: 65 Resp: 200975

Ion Ratio Lower Upper

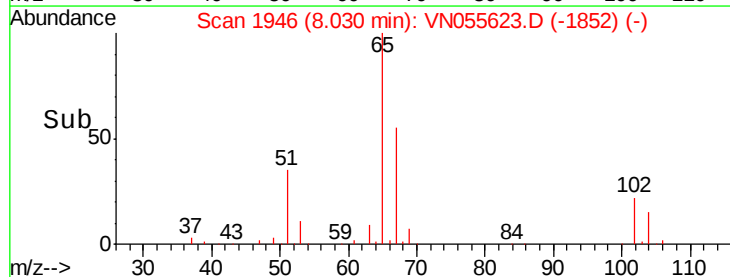
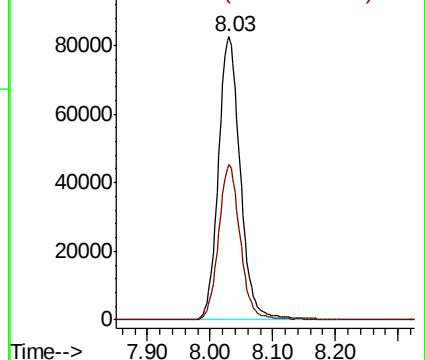
65 100

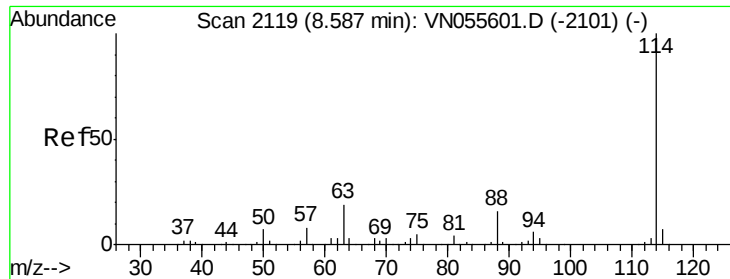
67 53.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

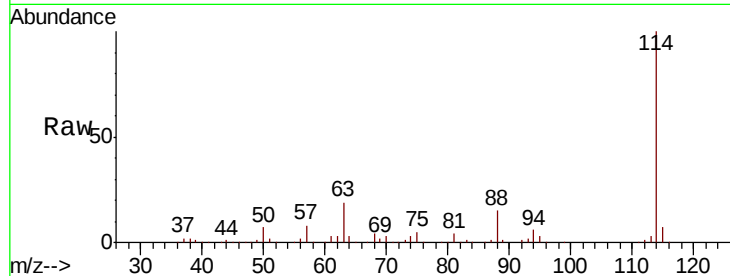




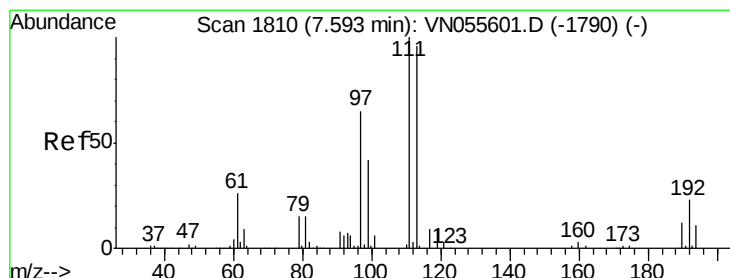
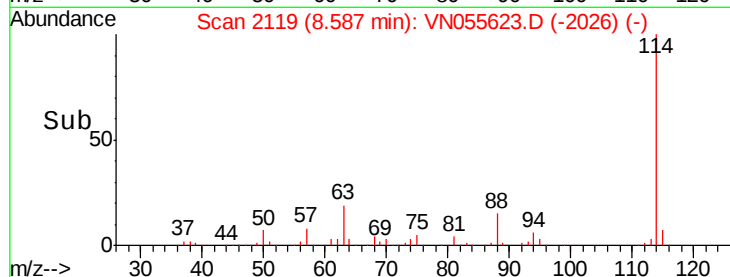
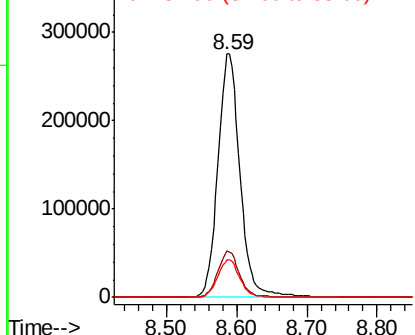
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055623.D
 Acq: 17 May 2019 20:18

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 601944
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.2
 88 15.2 0.0 31.0

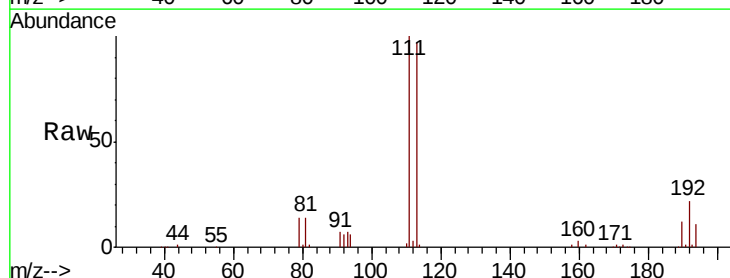


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

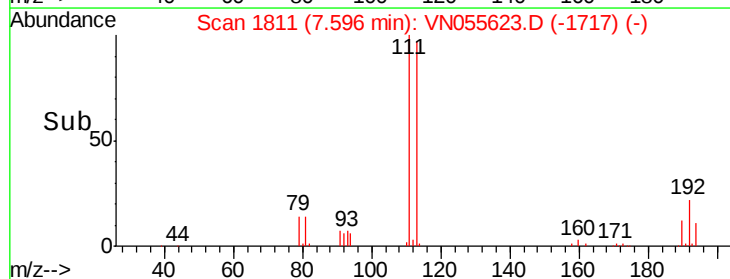
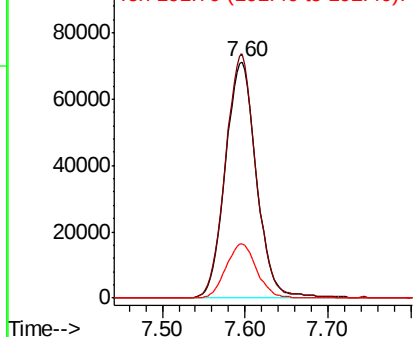


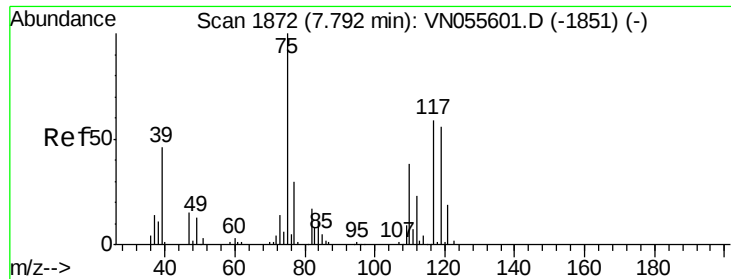
#35
 Dibromofluoromethane
 Concen: 48.491 ug/l
 RT: 7.60 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VN055623.D
 Acq: 17 May 2019 20:18

Tgt Ion:113 Resp: 185419
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.5 123.7
 192 22.9 18.7 28.1



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

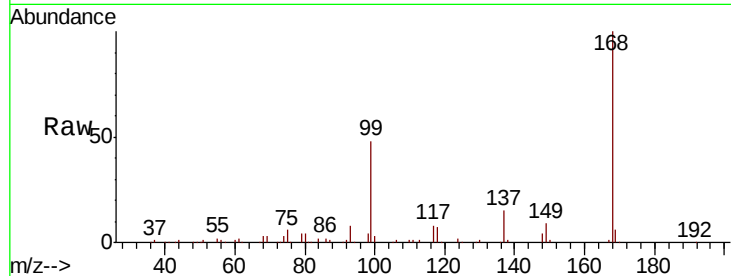




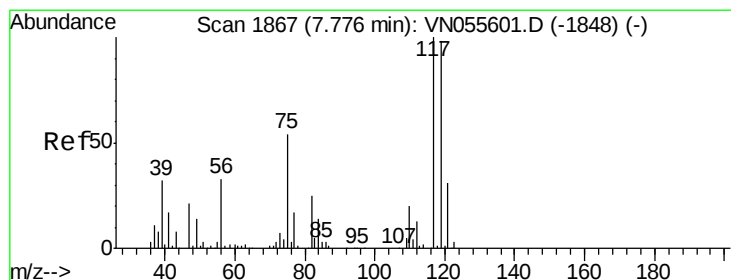
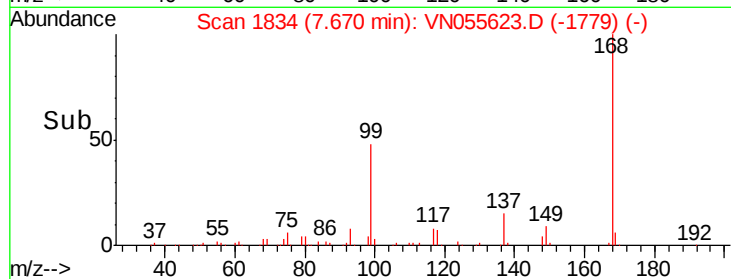
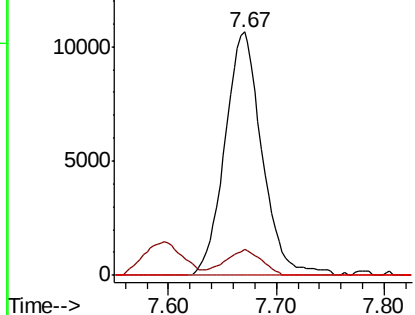
#36
 1,1-Dichloropropene
 Concen: 4.763 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.12 min
 Lab File: VN055623.D
 Acq: 17 May 2019 20:18

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
75	100		
110	10.5	18.6	55.6#
77	0.0	24.9	37.3#

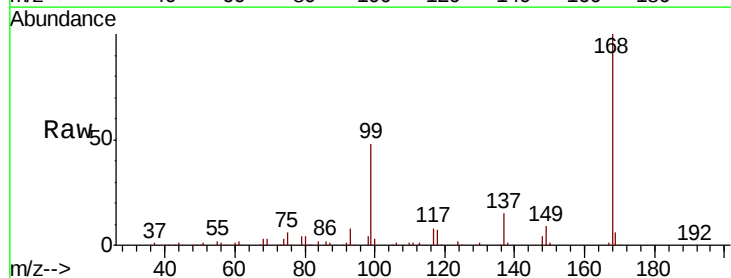


Abundance Ion 74.90 (74.60 to 75.60): VN055601.D (-1851) (-)
 Ion 109.90 (109.60 to 110.60): VN055601.D (-1851) (-)
 Ion 76.90 (76.60 to 77.60): VN055601.D (-1851) (-)

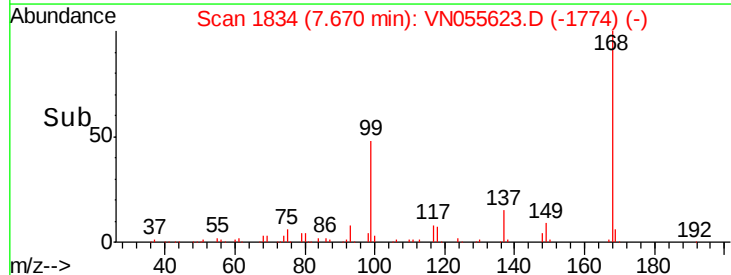
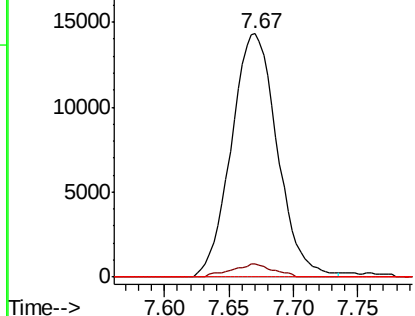


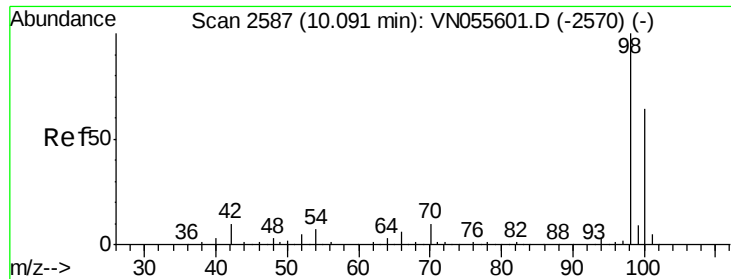
#38
 Carbon Tetrachloride
 Concen: 6.201 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. -0.11 min
 Lab File: VN055623.D
 Acq: 17 May 2019 20:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.8	116.8#
121	0.0	24.6	37.0#



Abundance Ion 116.80 (116.50 to 117.50): VN055601.D (-1848) (-)
 Ion 118.80 (118.50 to 119.50): VN055601.D (-1848) (-)
 Ion 120.80 (120.50 to 121.50): VN055601.D (-1848) (-)





#50

Toluene-d8

Concen: 48.044 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055623.D

Acq: 17 May 2019 20:18

Instrument :

MSVOA_N

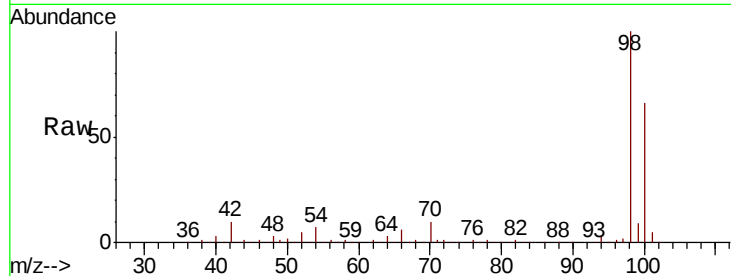
ClientSampled :

Tot Ion: 98 Resp: 694639

Ion Ratio Lower Upper

98 100

100 65.1 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

300000

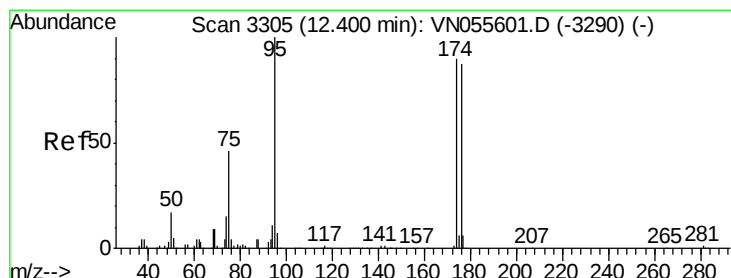
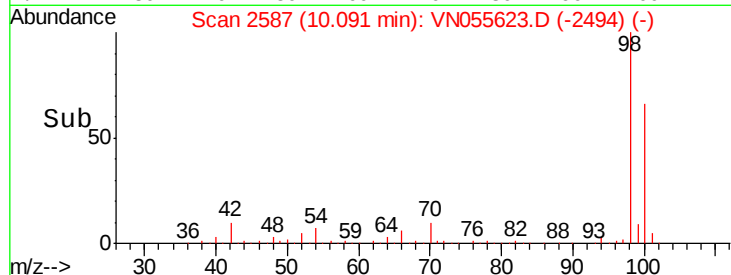
200000

100000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 42.934 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055623.D

Acq: 17 May 2019 20:18

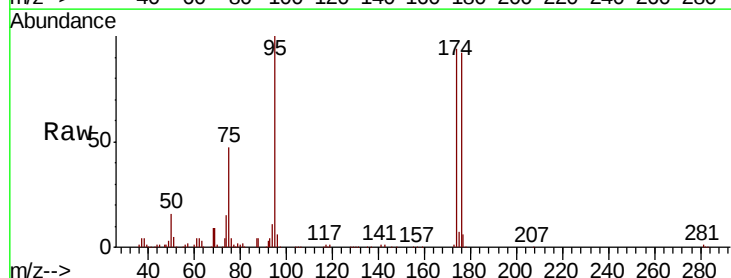
Tgt Ion: 95 Resp: 214358

Ion Ratio Lower Upper

95 100

174 92.6 0.0 180.6

176 90.8 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

150000

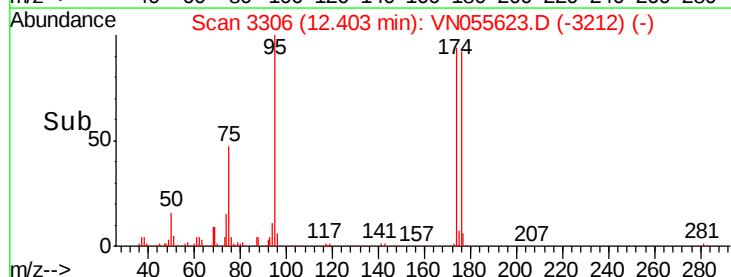
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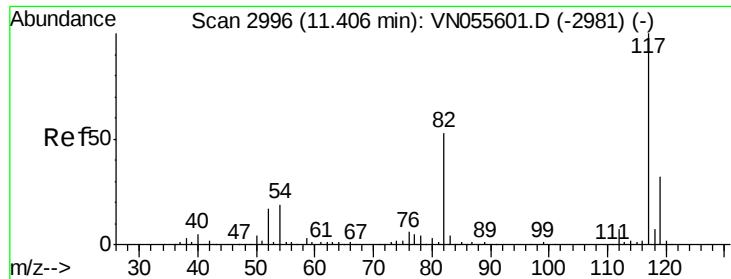
50000

0

Time-->

12.30 12.40 12.50

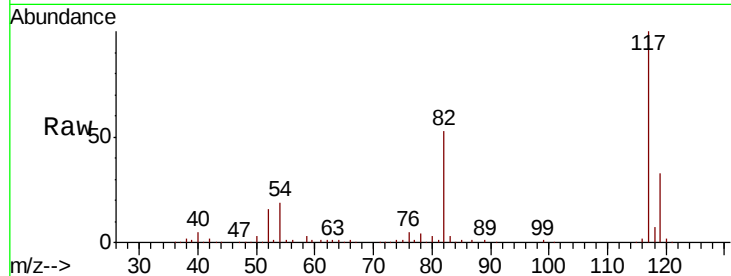




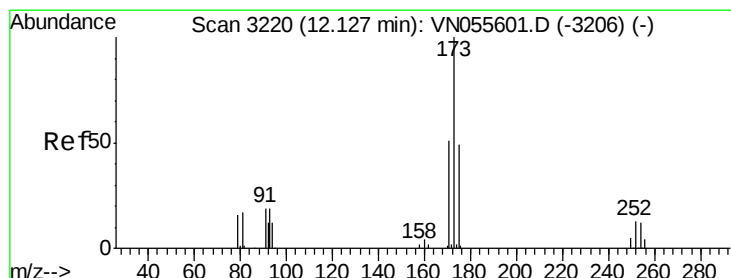
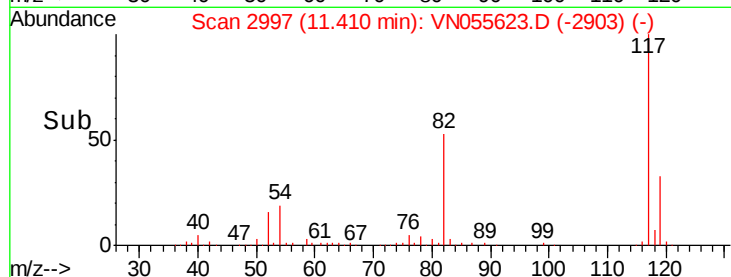
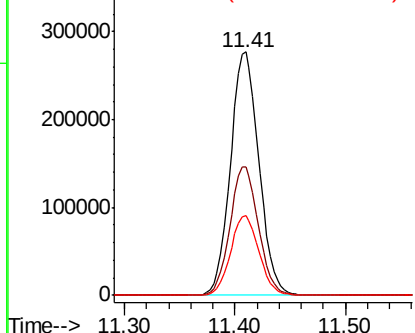
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055623.D
Acq: 17 May 2019 20:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 495720
Ion Ratio Lower Upper
117 100
82 52.7 42.3 63.5
119 32.6 25.4 38.2

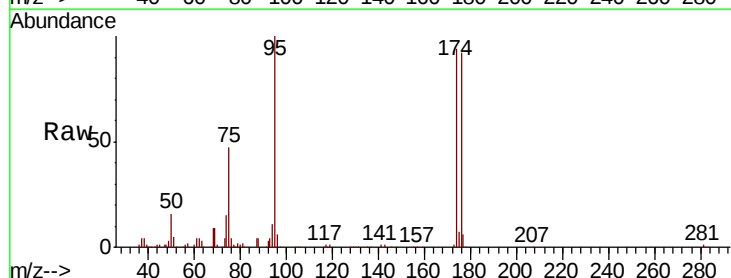


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

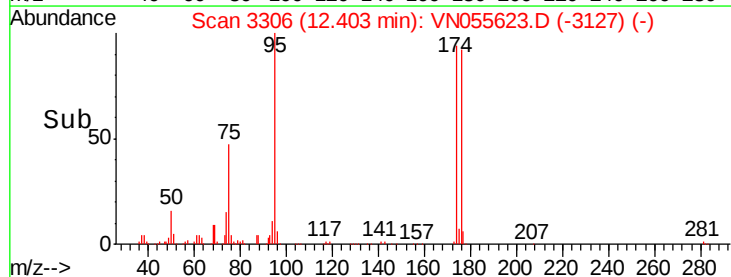
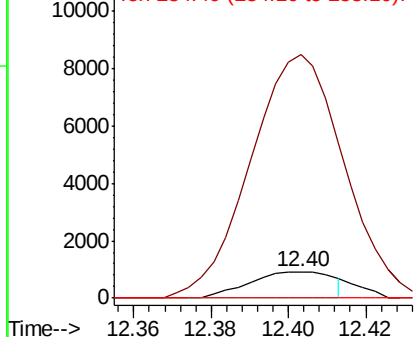


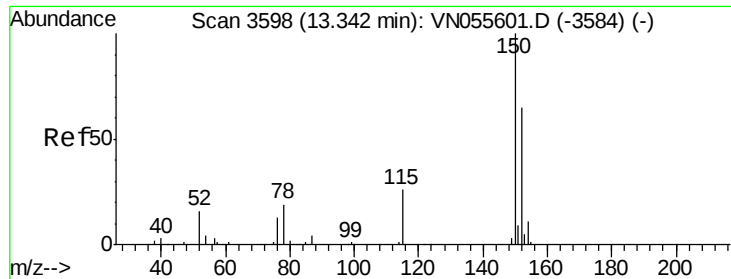
#71
Bromoform
Concen: 0.405 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN055623.D
Acq: 17 May 2019 20:18

Tgt Ion:173 Resp: 1386
Ion Ratio Lower Upper
173 100
175 891.2 24.3 72.9#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



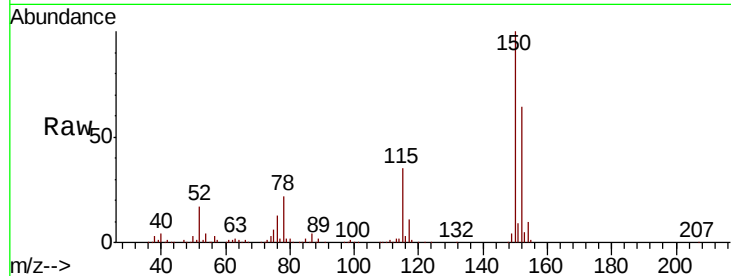


#72

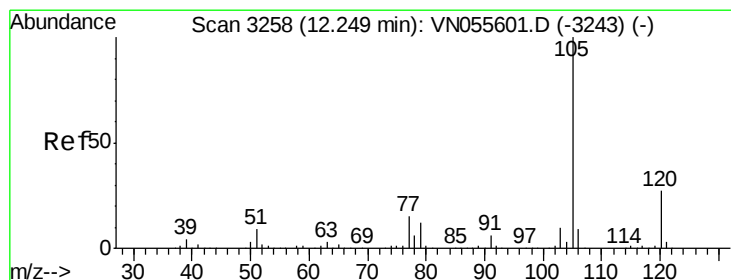
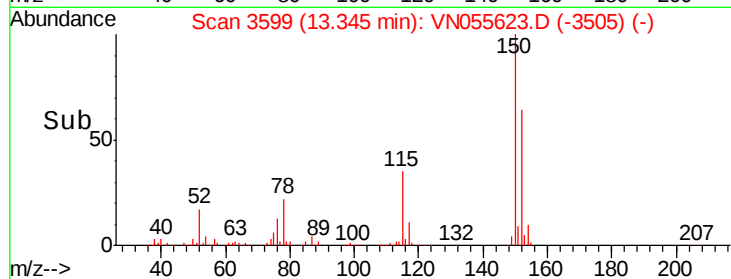
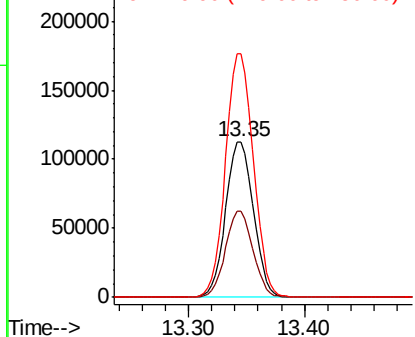
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055623.D
Acq: 17 May 2019 20:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:152 Resp: 187237
Ion Ratio Lower Upper
152 100
115 54.8 28.1 84.2
150 157.2 0.0 348.0



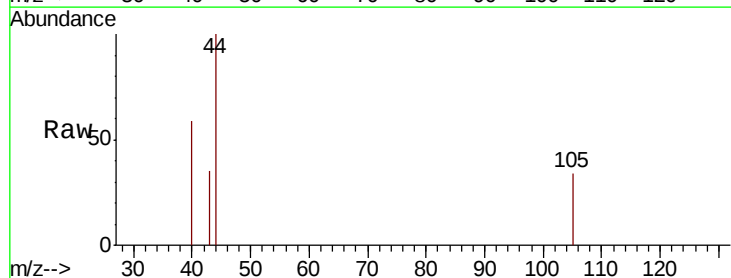
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



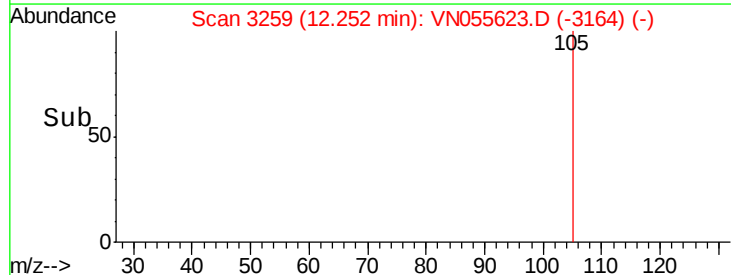
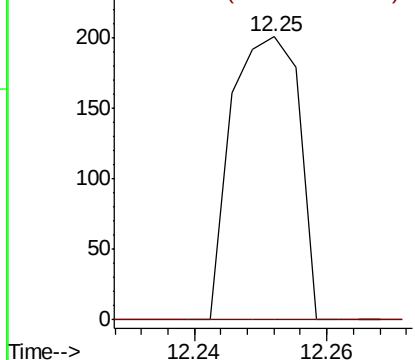
#73

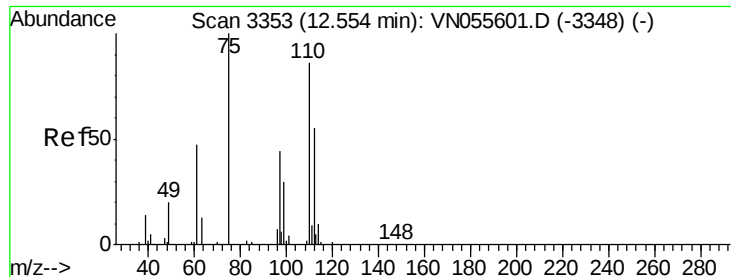
Isopropylbenzene
Concen: Below Cal
RT: 12.25 min Scan# 3259
Delta R.T. 0.00 min
Lab File: VN055623.D
Acq: 17 May 2019 20:18

Tgt Ion:105 Resp: 141
Ion Ratio Lower Upper
105 100
120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 25.854 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN055623.D

Acq: 17 May 2019 20:18

Instrument :

MSVOA_N

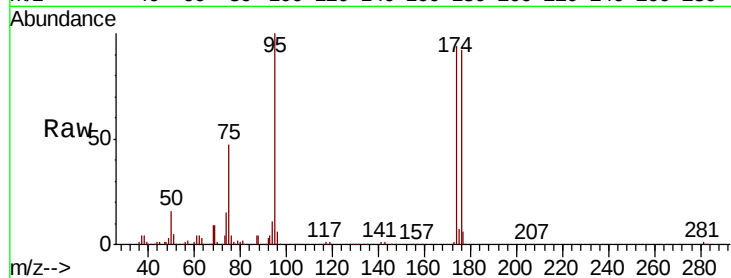
ClientSampleId :

Tot Ion: 75 Resp: 98778

Ion Ratio Lower Upper

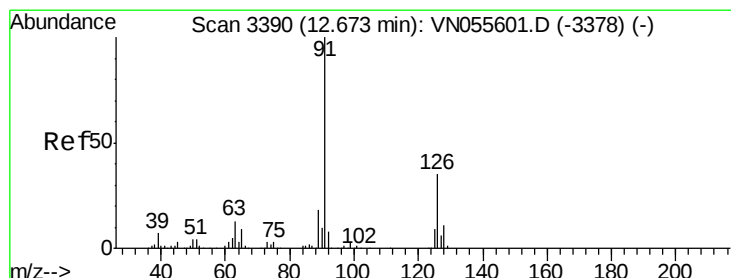
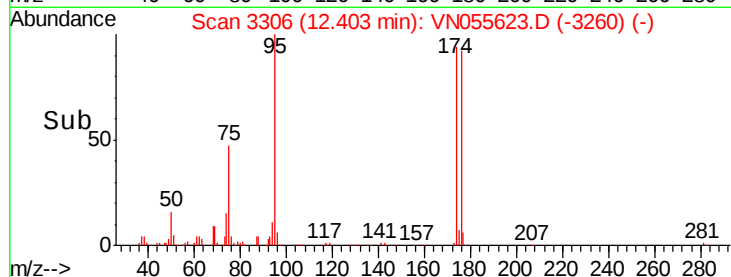
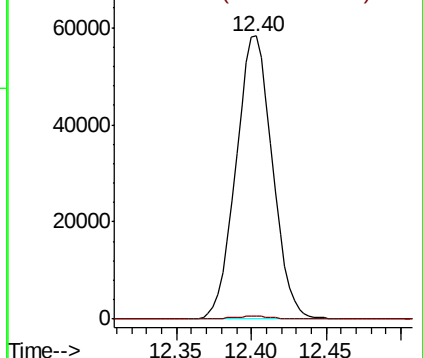
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055623.D

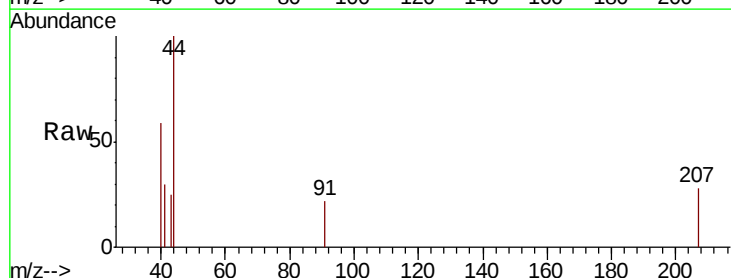
Acq: 17 May 2019 20:18

Tgt Ion: 91 Resp: 59

Ion Ratio Lower Upper

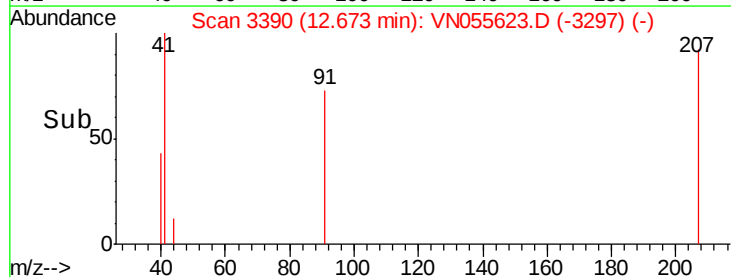
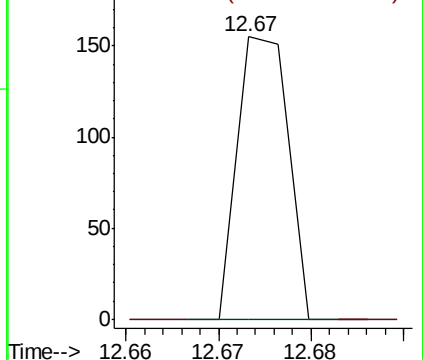
91 100

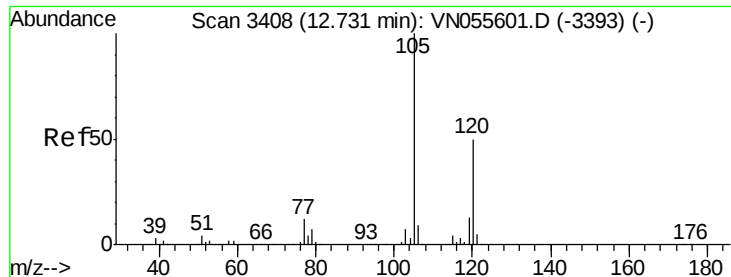
126 0.0 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

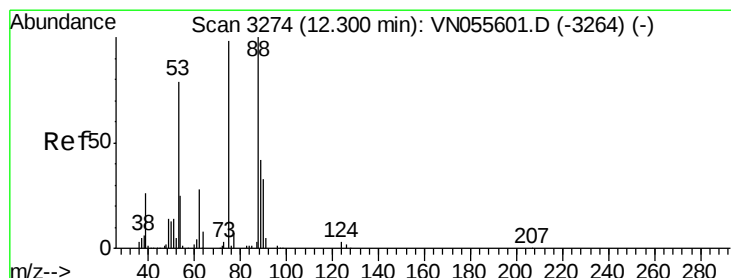
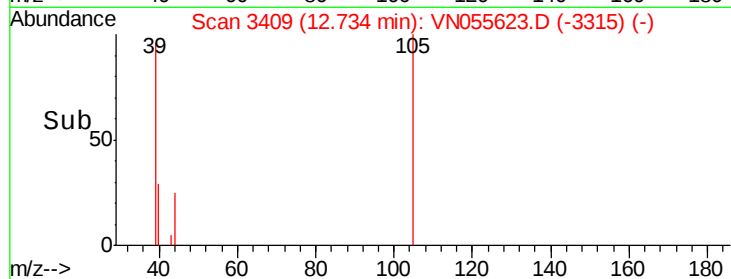
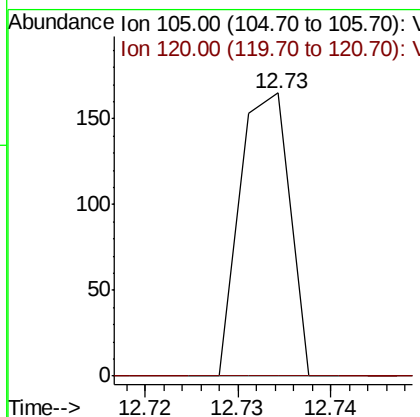
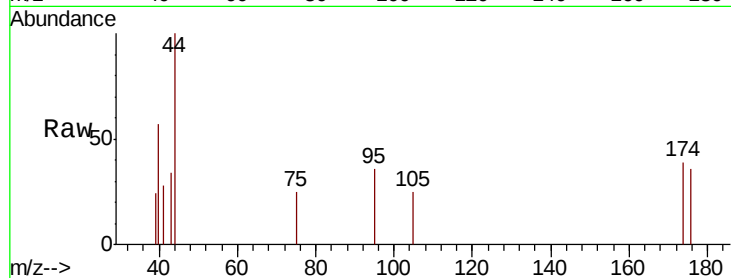




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN055623.D
 Acq: 17 May 2019 20:18

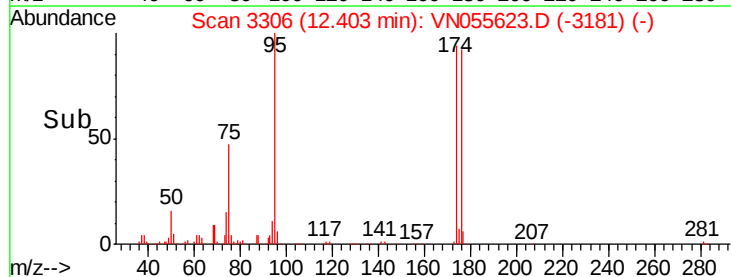
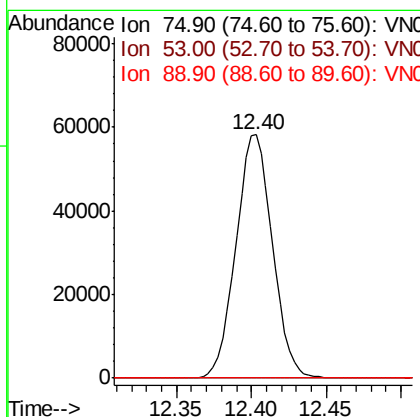
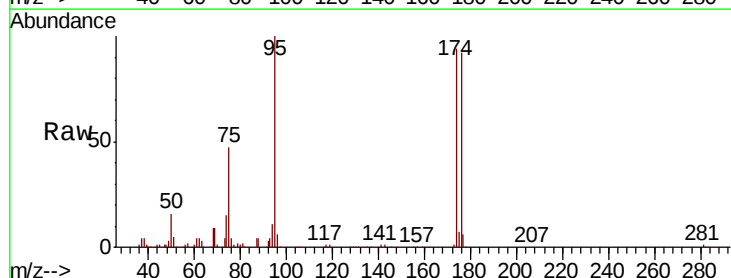
Instrument :
 MSVOA_N
 ClientSampleId :

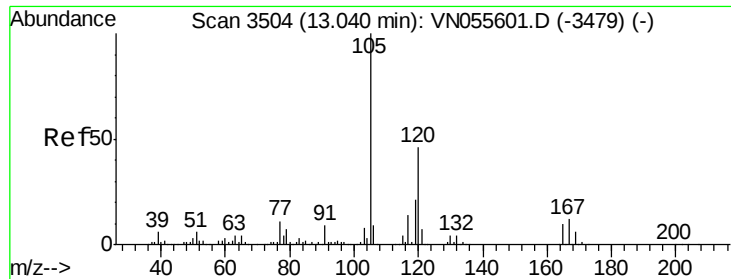
Tot Ion: 105 Resp: 61
 Ion Ratio Lower Upper
 105 100
 120 0.0 24.6 74.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.460 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN055623.D
 Acq: 17 May 2019 20:18

Tgt Ion: 75 Resp: 98778
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.1 97.7#
 89 0.0 36.4 54.6#

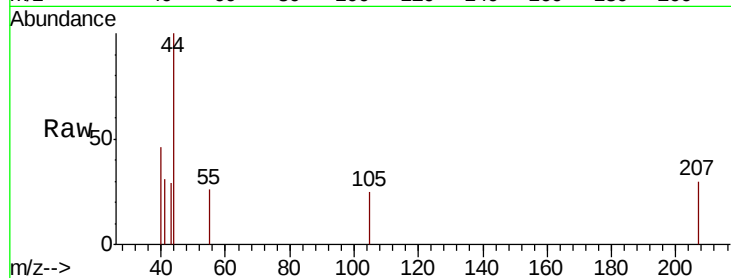




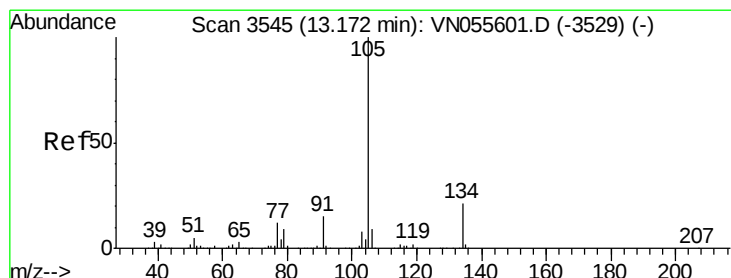
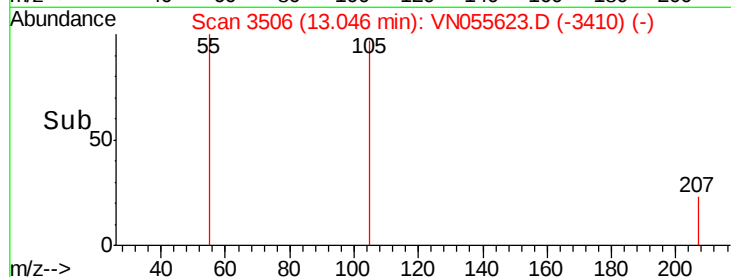
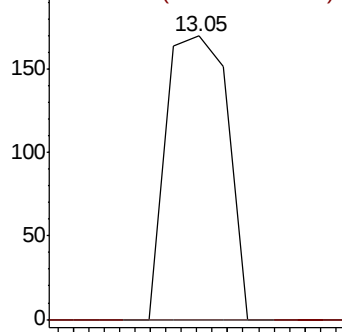
#84
1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 13.05 min Scan# 3506
Delta R.T. 0.01 min
Lab File: VN055623.D
Acq: 17 May 2019 20:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:105 Resp: 94
Ion Ratio Lower Upper
105 100
120 0.0 23.1 69.2#

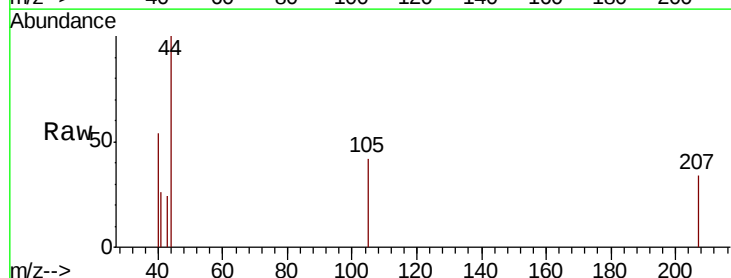


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

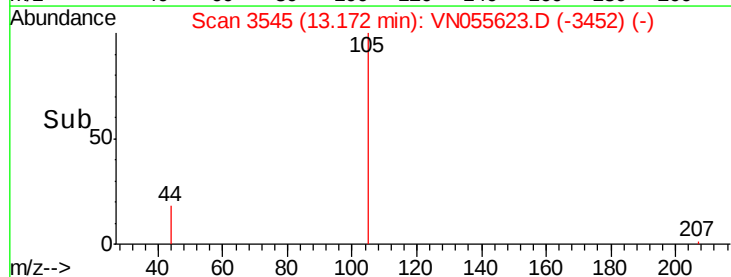
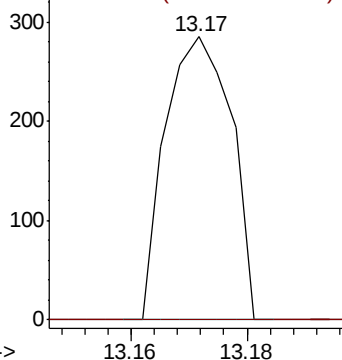


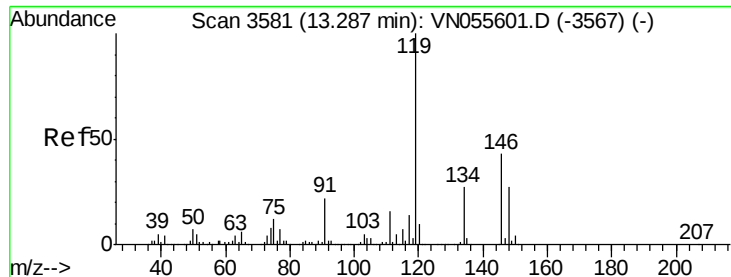
#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN055623.D
Acq: 17 May 2019 20:18

Tgt Ion:105 Resp: 224
Ion Ratio Lower Upper
105 100
134 0.0 10.3 30.9#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: Below Cal

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN055623.D

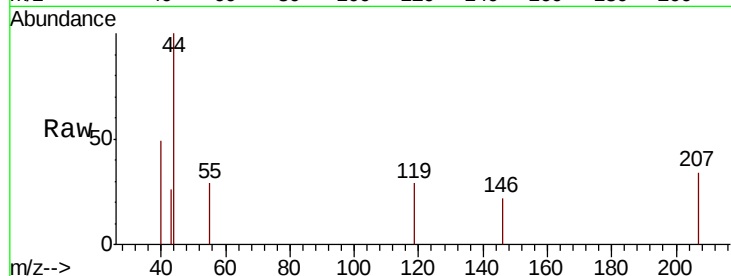
Acq: 17 May 2019 20:18

Instrument :

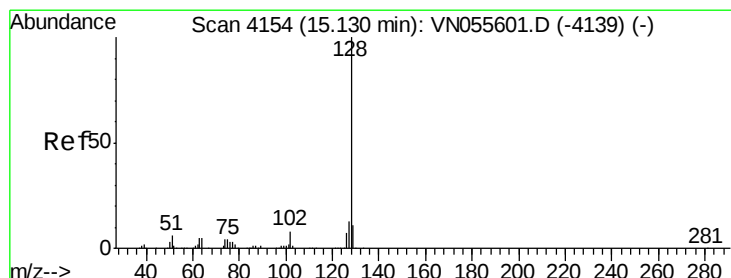
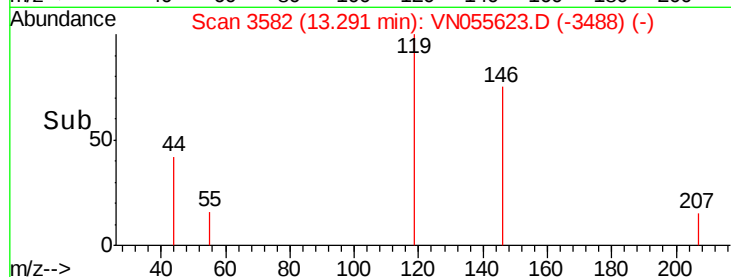
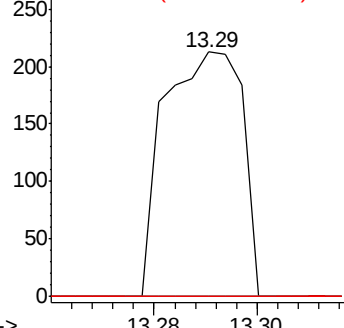
MSVOA_N

ClientSampled :

Tot Ion:	119	Resp:	222
Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.4	40.2#
91	0.0	11.0	33.0#



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#95

Naphthalene

Concen: 1.798 ug/l

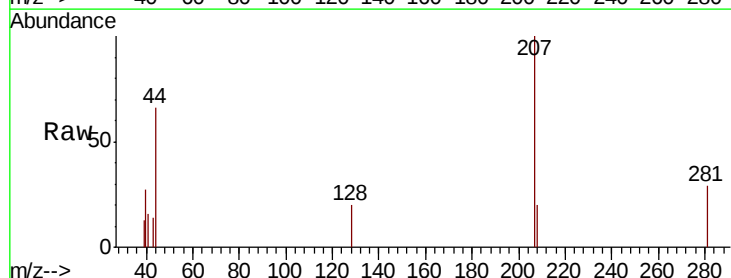
RT: 15.15 min Scan# 4159

Delta R.T. 0.02 min

Lab File: VN055623.D

Acq: 17 May 2019 20:18

Tgt Ion:	128	Resp:	345
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.6	12.8#



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

