

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056436.D
 Acq On : 21 Jun 2019 19:10
 Operator : JC/SP
 Sample : K3470-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-4

Quant Time: Jun 22 03:38:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	384528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	656851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	659379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	218256	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	218809	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	
35) Dibromofluoromethane	7.59	113	188762	46.07	ug/l	0.00
Spiked Amount			Recovery	=	92.14%	
50) Toluene-d8	10.09	98	816843	51.23	ug/l	0.00
Spiked Amount			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	12.40	95	278741	52.44	ug/l	0.00
Spiked Amount			Recovery	=	104.88%	

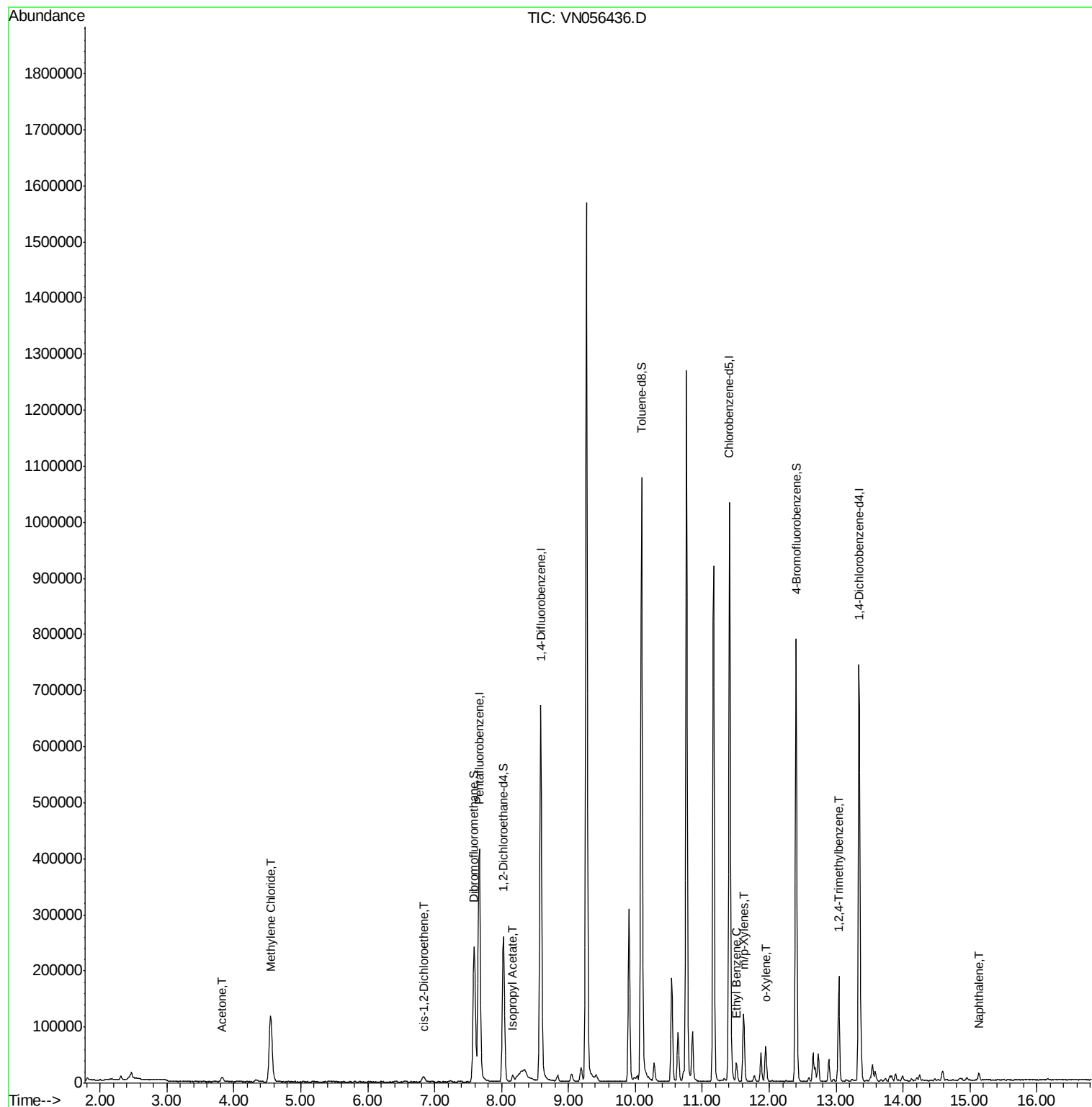
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	15389	7.207	ug/l	95
20) Methylene Chloride	4.55	84	95414	23.228	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	6317	1.474	ug/l	94
43) Isopropyl Acetate	8.17	43	13430	1.533	ug/l	94
67) Ethyl Benzene	11.51	91	25163	1.082	ug/l	98
68) m/p-Xylenes	11.62	106	40258	4.722	ug/l	99
69) o-Xylene	11.95	106	17601	2.087	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	109563	7.457	ug/l	99
95) Naphthalene	15.13	128	12879	6.399	ug/l	96

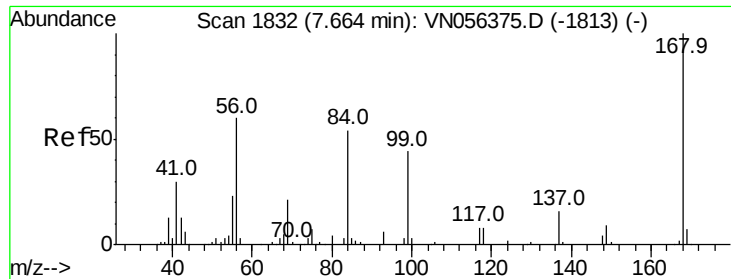
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056436.D

Acq: 21 Jun 2019 19:10

Instrument :

MSVOA_N

ClientSampled :

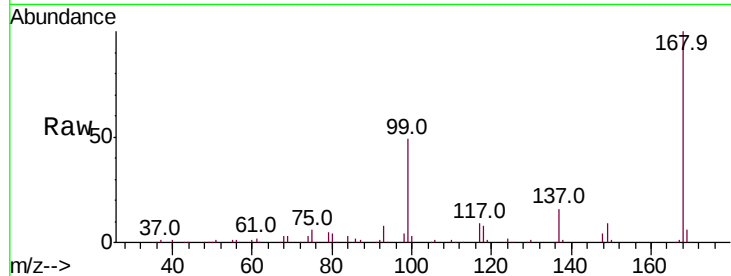
SAMPLE-4

Tot Ion:168 Resp: 384528

Ion Ratio Lower Upper

168 100

99 48.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

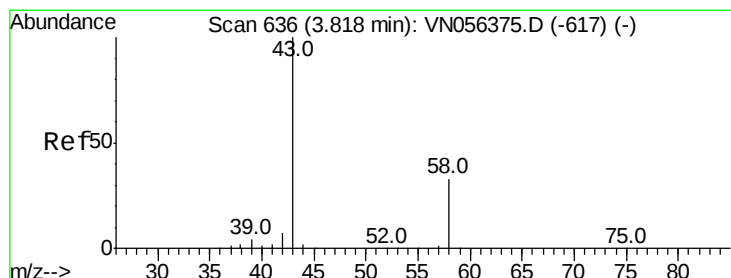
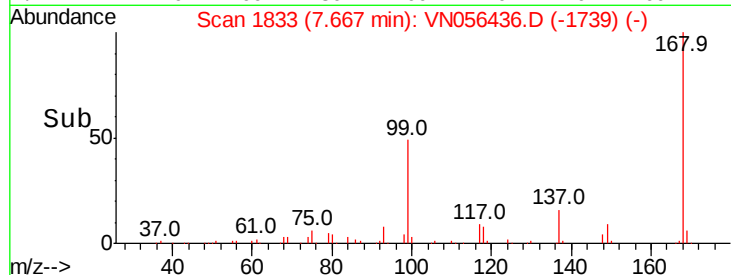
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 7.207 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN056436.D

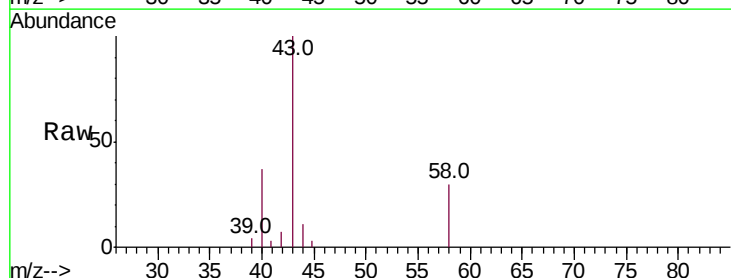
Acq: 21 Jun 2019 19:10

Tgt Ion: 43 Resp: 15389

Ion Ratio Lower Upper

43 100

58 30.3 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

6000

5000

4000

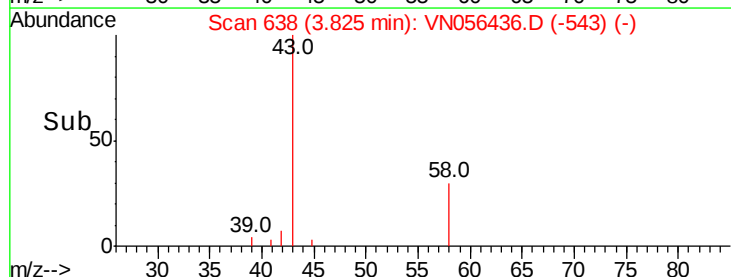
3000

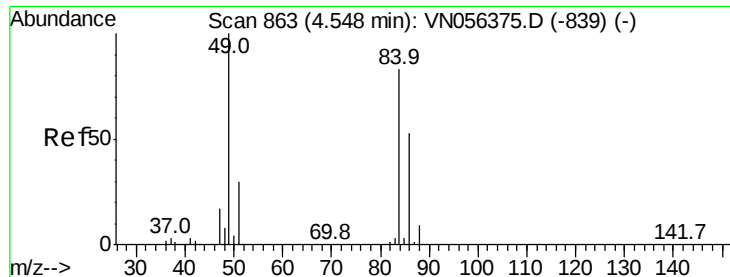
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 23.228 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN056436.D

Acq: 21 Jun 2019 19:10

Instrument :

MSVOA_N

ClientSampled :

SAMPLE-4

Tot Ion: 84 Resp: 95414

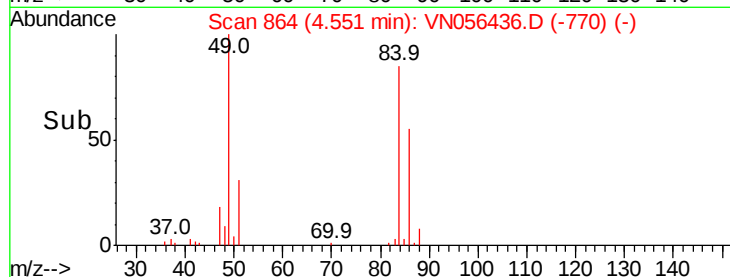
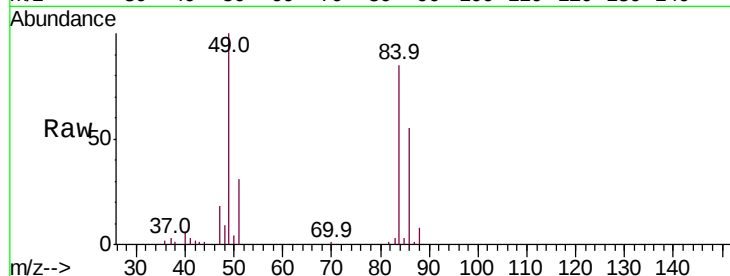
Ion Ratio Lower Upper

84 100

49 117.4 96.4 144.6

51 36.8 28.6 43.0

86 64.9 51.4 77.2

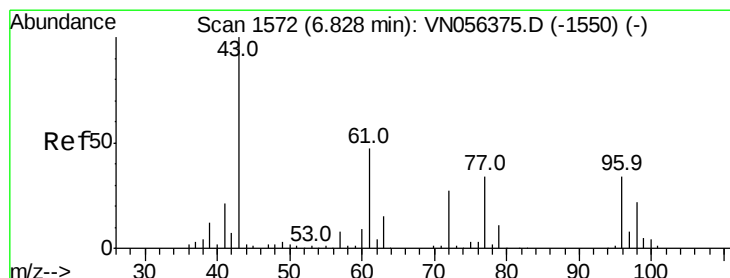
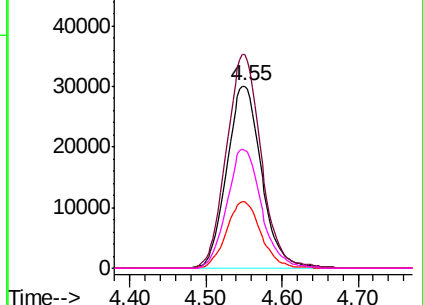


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#27

cis-1,2-Dichloroethene

Concen: 1.474 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN056436.D

Acq: 21 Jun 2019 19:10

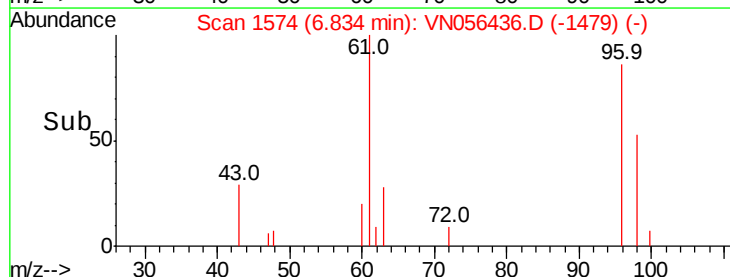
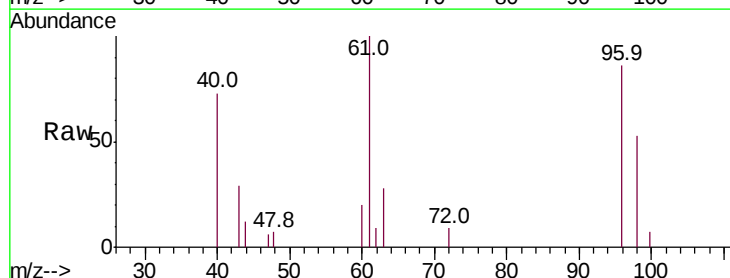
Tgt Ion: 96 Resp: 6317

Ion Ratio Lower Upper

96 100

61 130.7 0.0 279.8

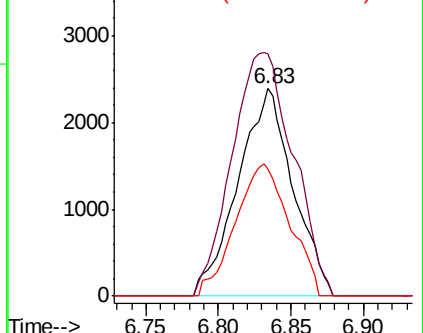
98 62.4 0.0 130.0

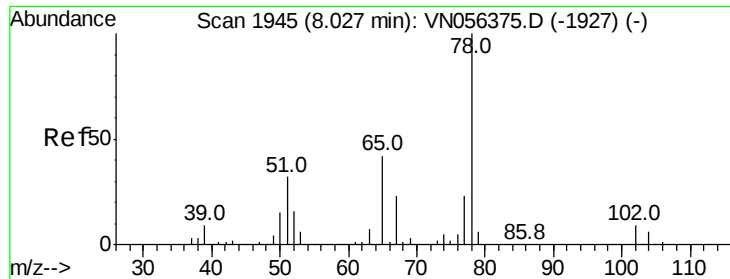


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

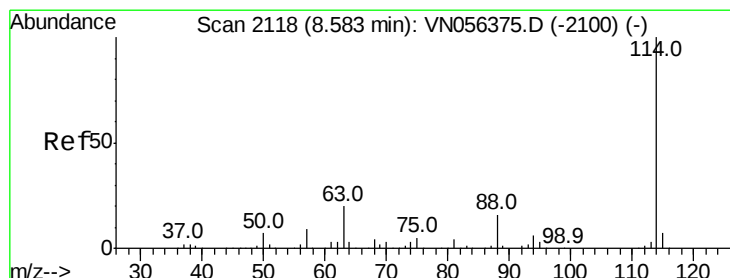
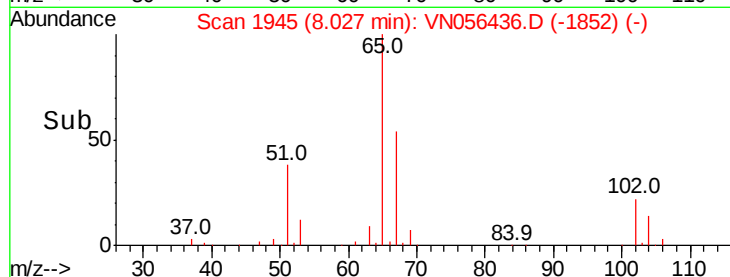
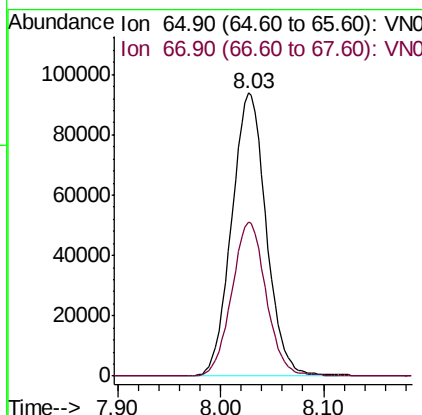
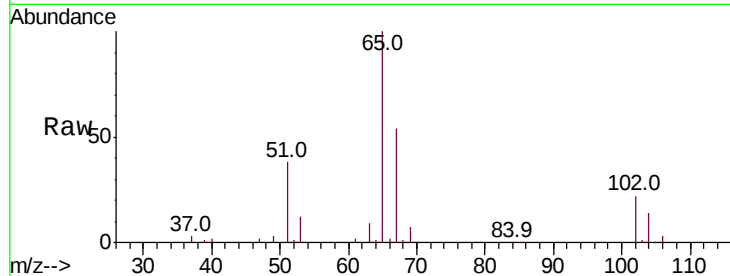




#33
 1,2-Dichloroethane-d4
 Concen: 51.342 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056436.D
 Acq: 21 Jun 2019 19:10

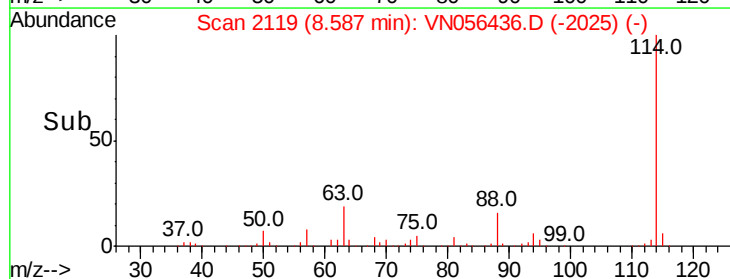
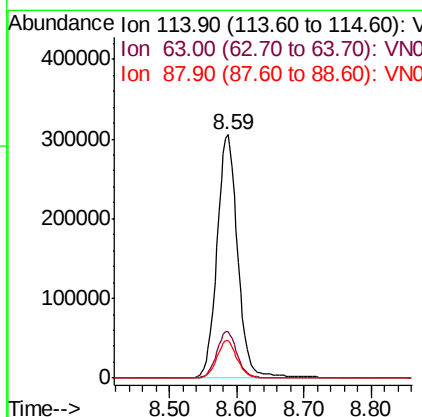
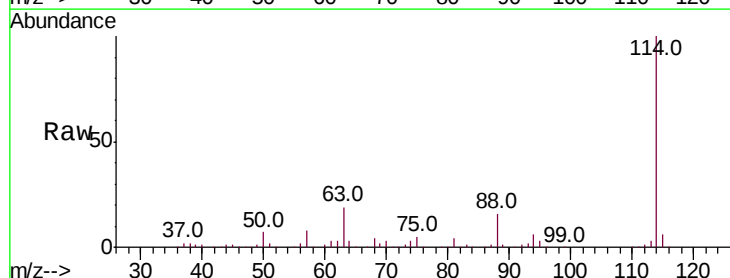
Instrument :
 MSVOA_N
 ClientSampled :
 SAMPLE-4

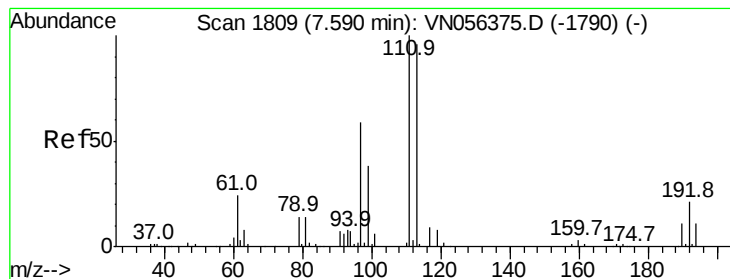
Tot Ion: 65 Resp: 218809
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056436.D
 Acq: 21 Jun 2019 19:10

Tgt Ion: 114 Resp: 656851
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.066 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056436.D

Acq: 21 Jun 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

SAMPLE-4

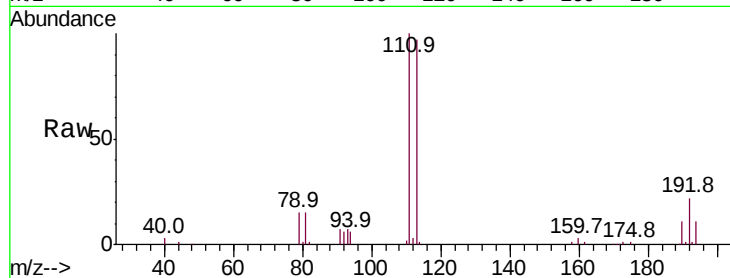
Tot Ion:113 Resp: 188762

Ion Ratio Lower Upper

113 100

111 101.2 82.9 124.3

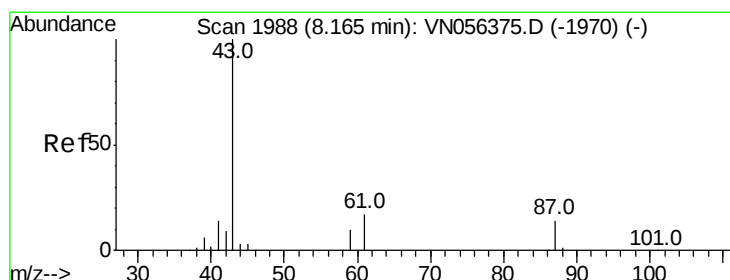
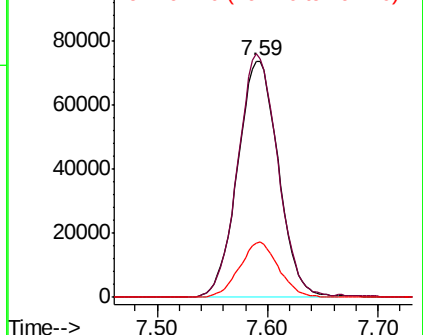
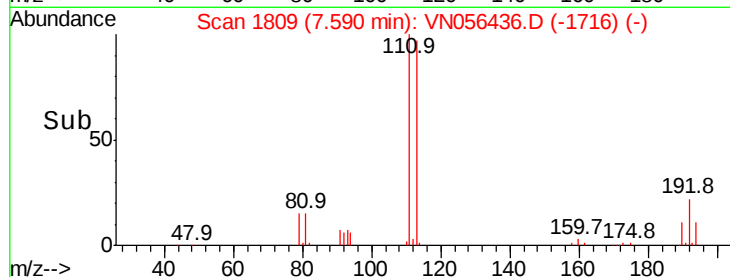
192 22.5 17.7 26.5



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: 1.533 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056436.D

Acq: 21 Jun 2019 19:10

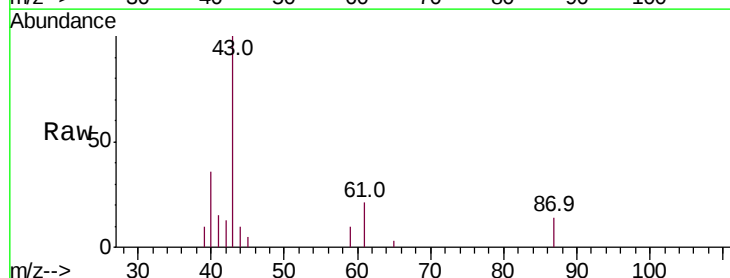
Tgt Ion: 43 Resp: 13430

Ion Ratio Lower Upper

43 100

61 23.5 22.0 33.0

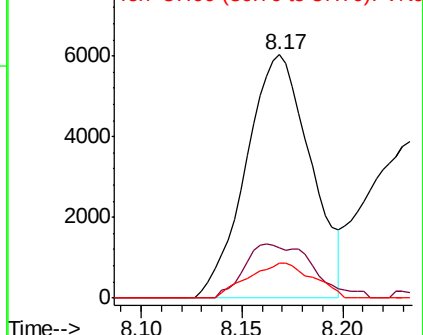
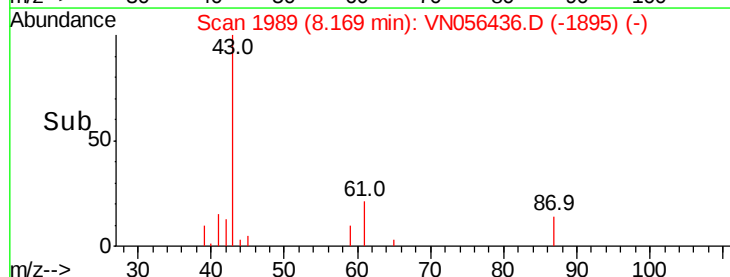
87 14.3 11.0 16.4

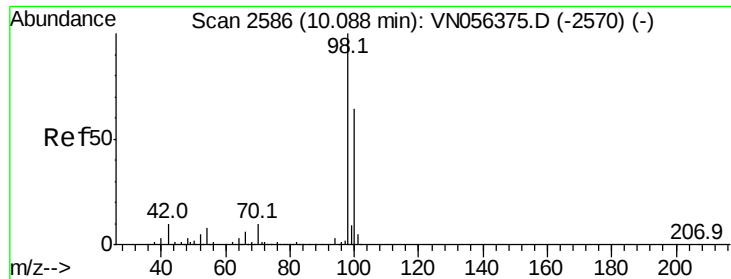


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 51.231 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056436.D

Acq: 21 Jun 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

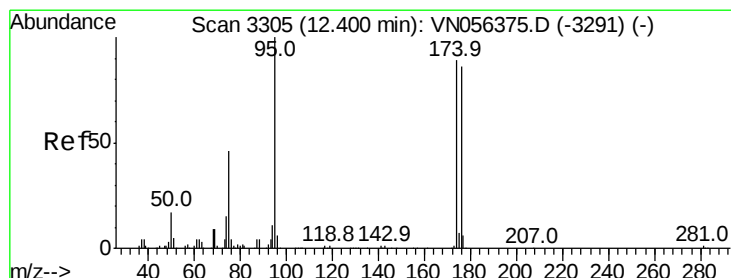
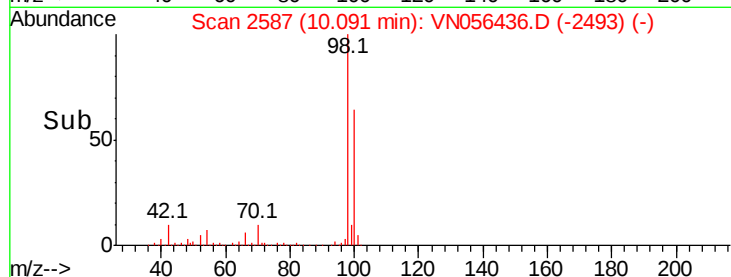
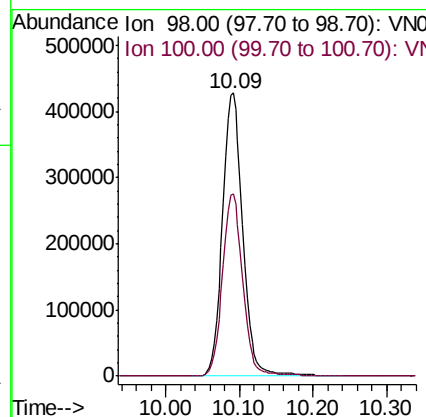
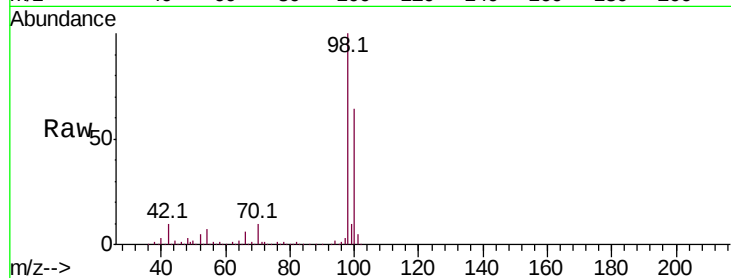
SAMPLE-4

Tot Ion: 98 Resp: 816843

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 52.442 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056436.D

Acq: 21 Jun 2019 19:10

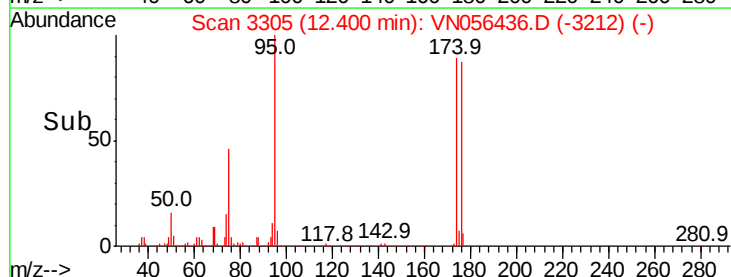
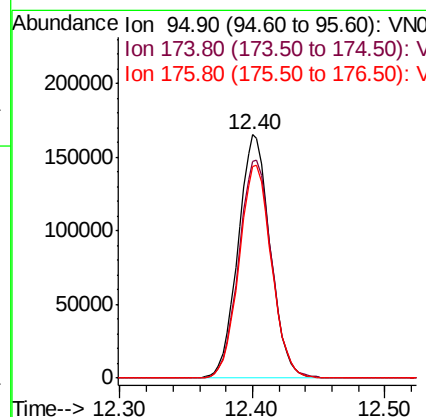
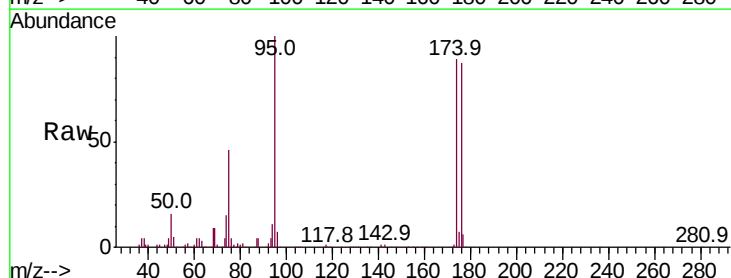
Tgt Ion: 95 Resp: 278741

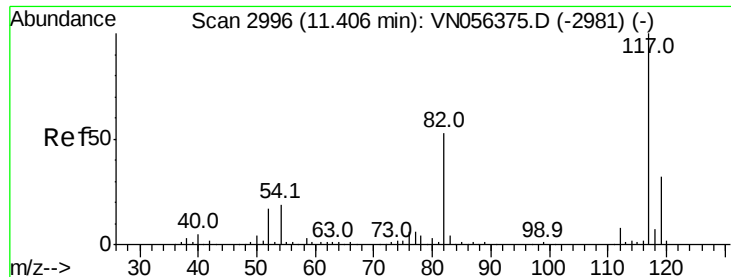
Ion Ratio Lower Upper

95 100

174 91.6 0.0 179.4

176 88.3 0.0 173.4

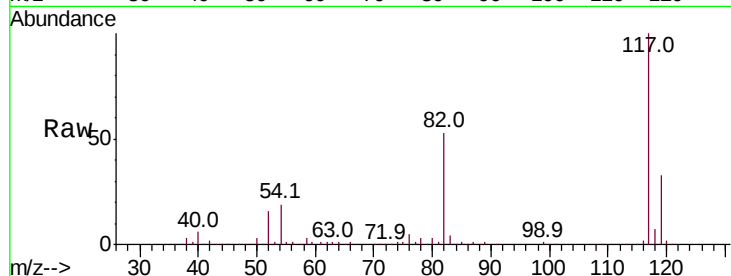




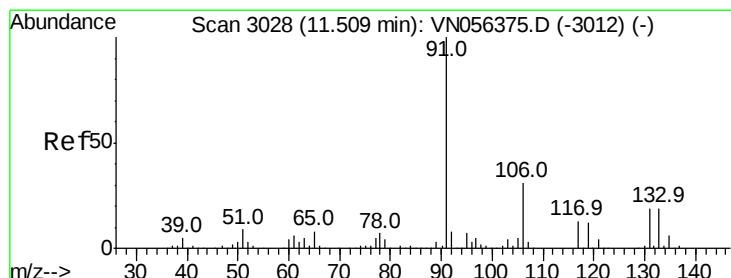
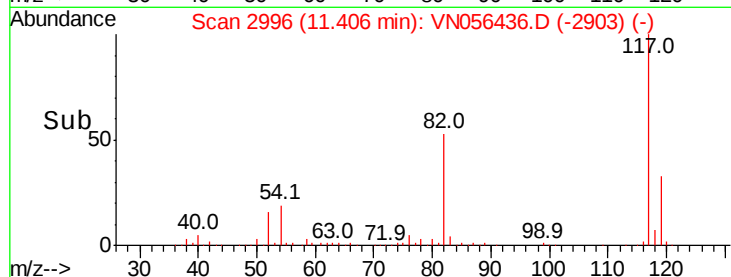
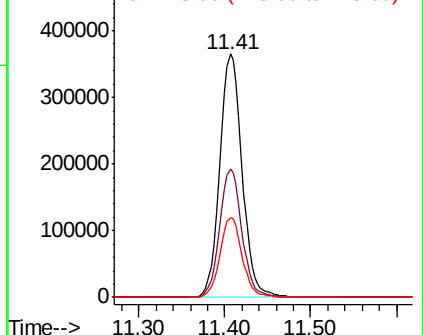
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056436.D
Acq: 21 Jun 2019 19:10

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-4

Tot Ion:117 Resp: 659379
Ion Ratio Lower Upper
117 100
82 52.5 42.0 63.0
119 32.9 25.3 37.9

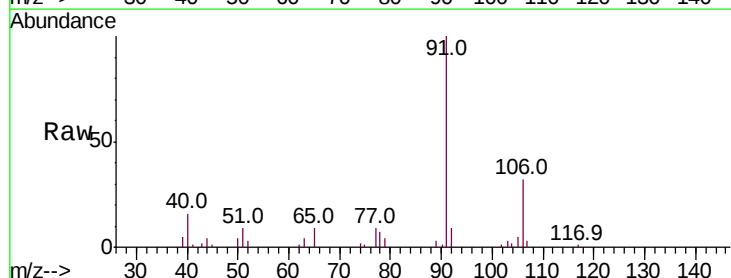


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

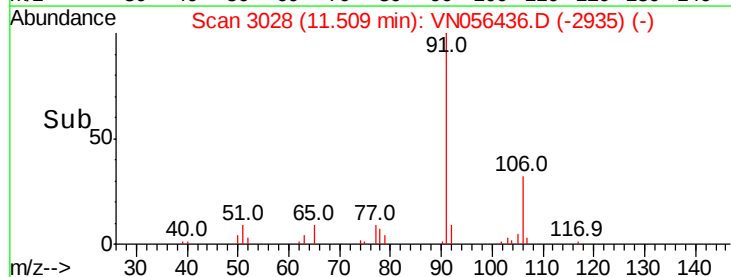
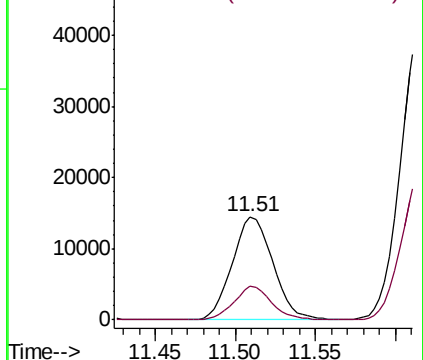


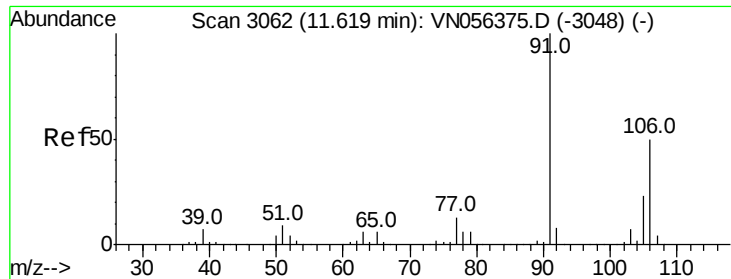
#67
Ethyl Benzene
Concen: 1.082 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056436.D
Acq: 21 Jun 2019 19:10

Tgt Ion: 91 Resp: 25163
Ion Ratio Lower Upper
91 100
106 32.4 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V

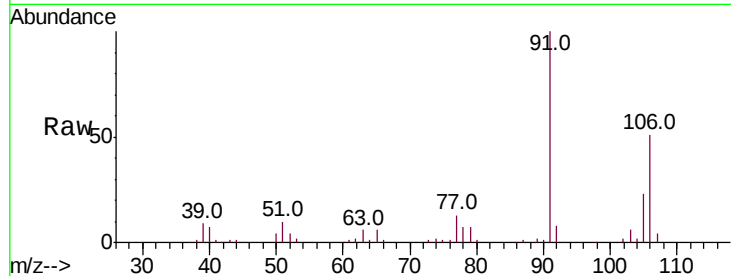




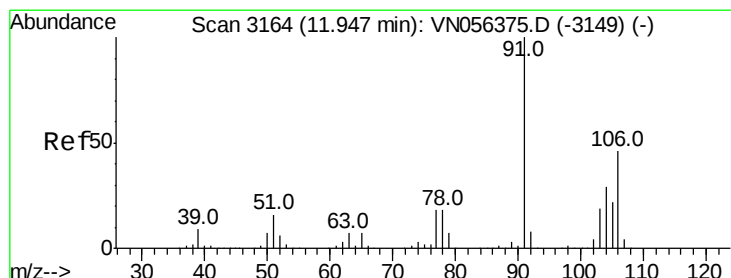
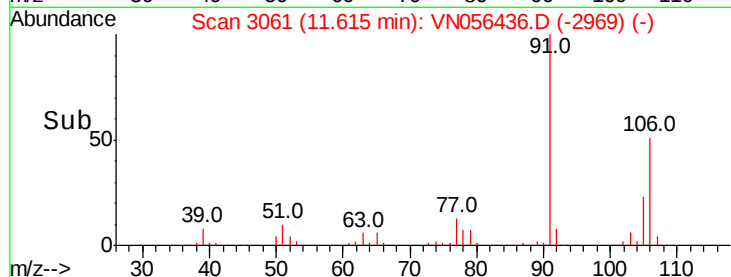
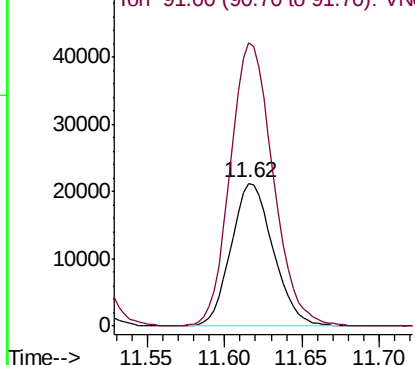
#68
m/p-Xylenes
Concen: 4.722 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN056436.D
Acq: 21 Jun 2019 19:10

Instrument :
MSVOA_N
ClientSampled :
SAMPLE-4

Tot Ion:106 Resp: 40258
Ion Ratio Lower Upper
106 100
91 201.6 160.1 240.1

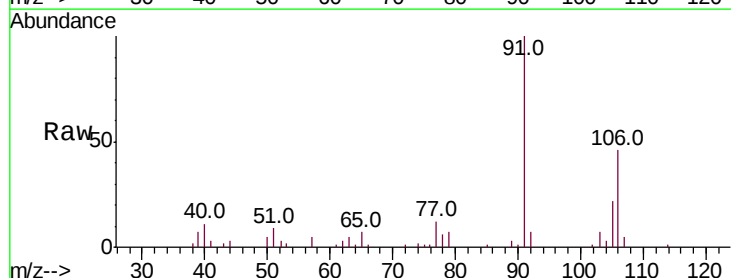


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

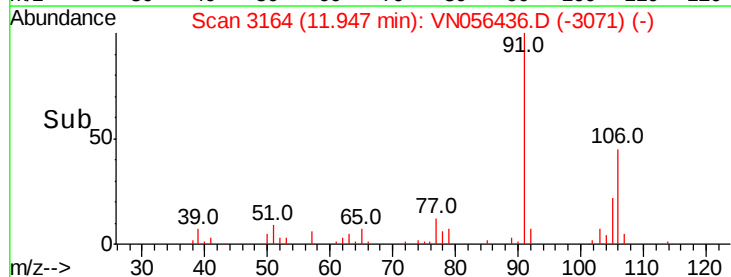
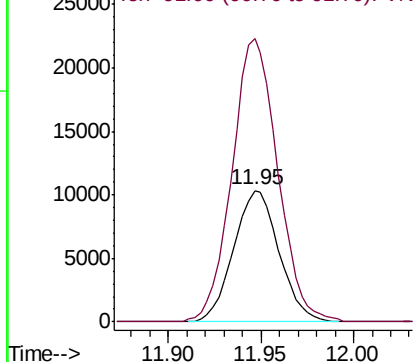


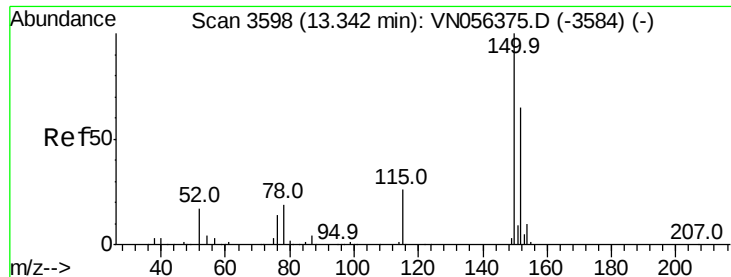
#69
o-Xylene
Concen: 2.087 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056436.D
Acq: 21 Jun 2019 19:10

Tgt Ion:106 Resp: 17601
Ion Ratio Lower Upper
106 100
91 216.9 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056436.D

Acq: 21 Jun 2019 19:10

Instrument :

MSVOA_N

ClientSampled :

SAMPLE-4

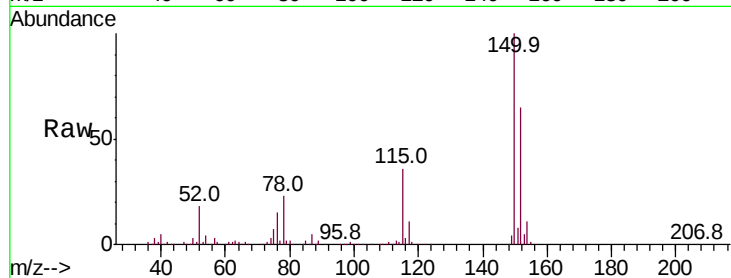
Tot Ion:152 Resp: 218256

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.4

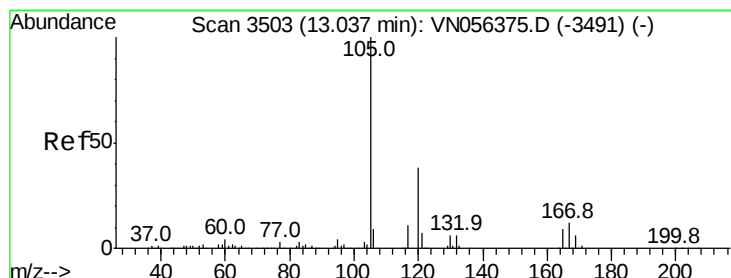
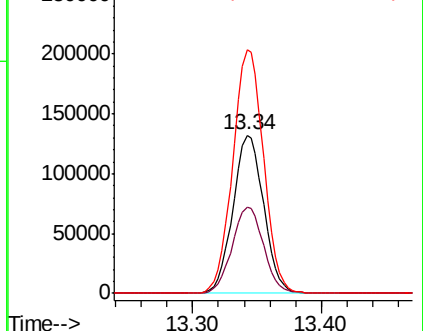
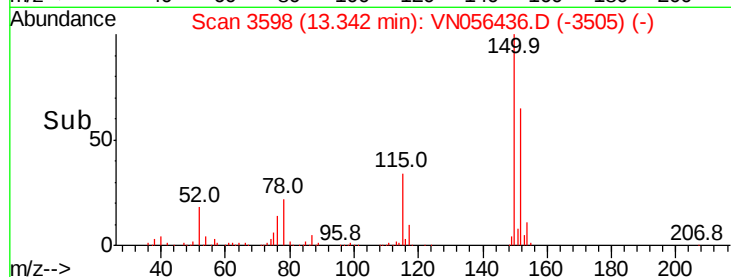
150 154.5 0.0 348.4



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: 7.457 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN056436.D

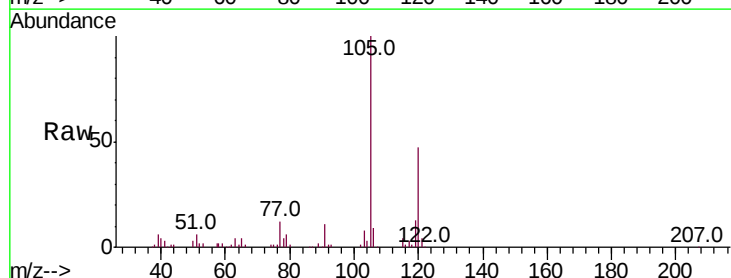
Acq: 21 Jun 2019 19:10

Tgt Ion:105 Resp: 109563

Ion Ratio Lower Upper

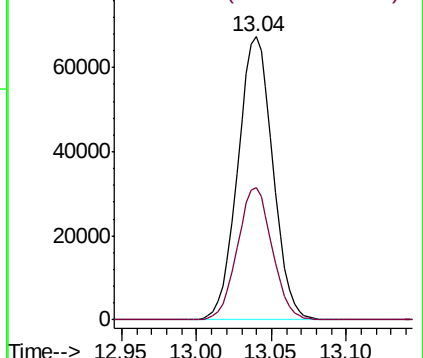
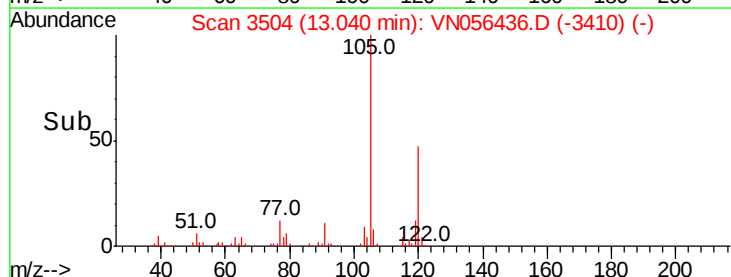
105 100

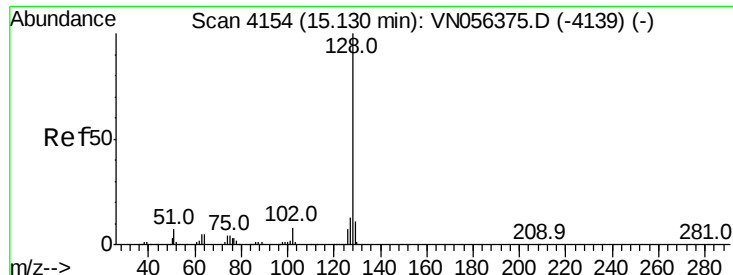
120 46.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 6.399 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056436.D

Acq: 21 Jun 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

SAMPLE-4

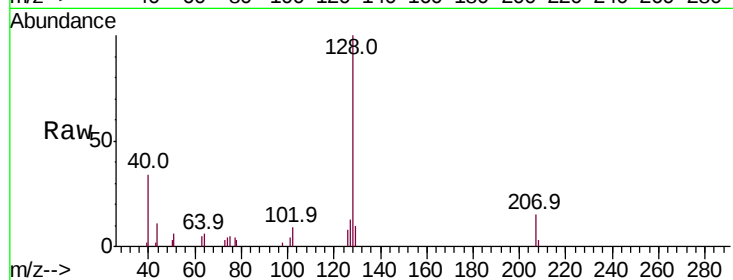
Tot Ion:128 Resp: 12879

Ion Ratio Lower Upper

128 100

127 14.8 10.2 15.2

129 9.9 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

