

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052901.D
 Acq On : 14 Dec 2018 20:52
 Operator : MD\SY
 Sample : J6403-28
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4-A

Quant Time: Dec 15 03:51:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

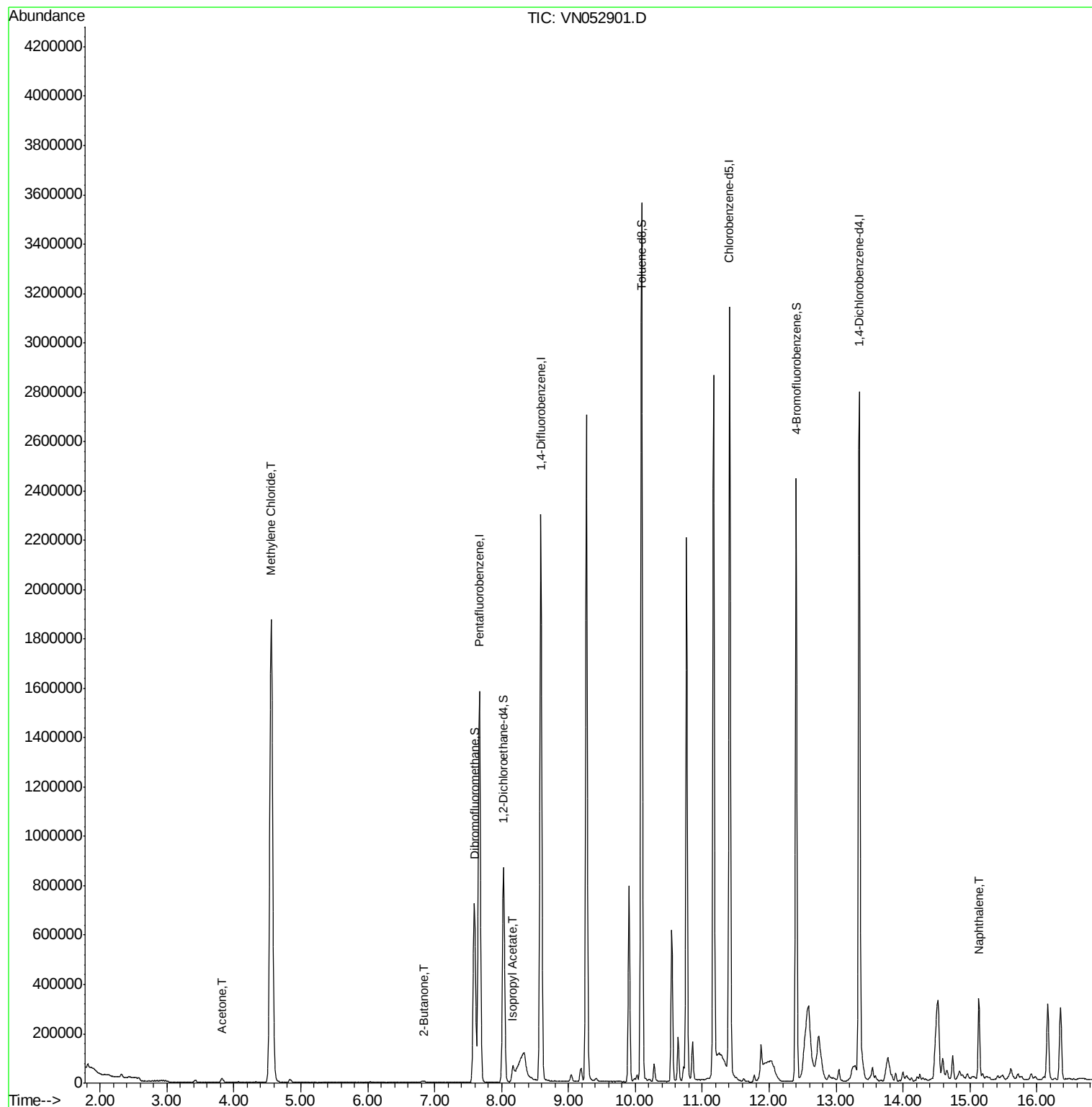
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1389484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2156378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1875967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	800294	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	723950	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
35) Dibromofluoromethane	7.59	113	567482	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
50) Toluene-d8	10.09	98	2587966	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	12.40	95	841228	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
Target Compounds						
16) Acetone	3.82	43	29528	8.899	ug/l	98
20) Methylene Chloride	4.56	84	1464469	98.072	ug/l	99
25) 2-Butanone	6.84	43	6685	1.298	ug/l	99
43) Isopropyl Acetate	8.17	43	82648	3.379	ug/l #	79
95) Naphthalene	15.13	128	293338	10.029	ug/l	100

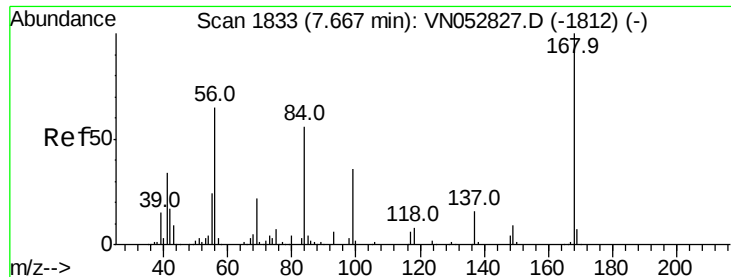
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

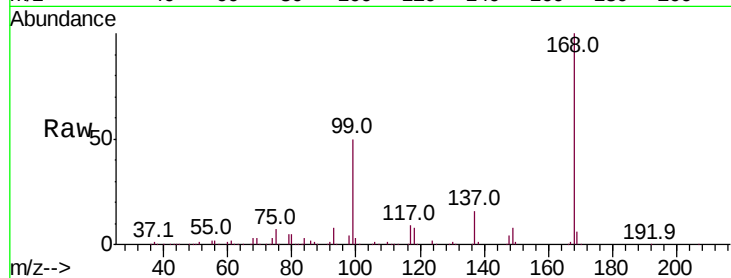
Instrument :
MSVOA_N
ClientSampleId :
TP-4-A

Tot Ion:168 Resp: 1389484

Ion Ratio Lower Upper

168 100

99 50.3 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

600000

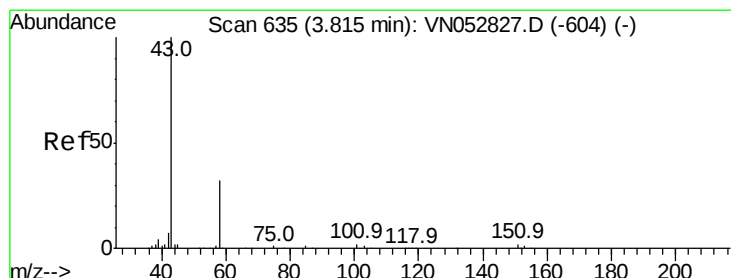
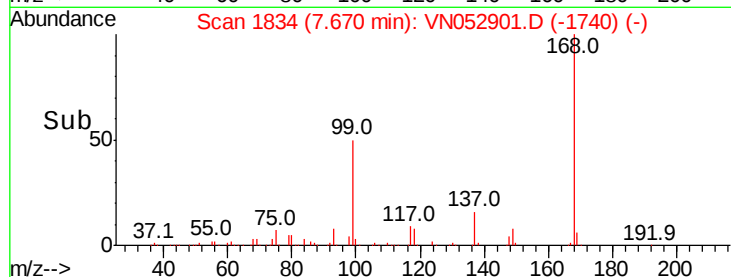
400000

200000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 8.899 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052901.D

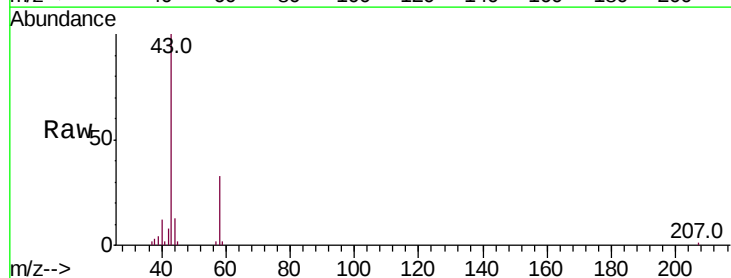
Acq: 14 Dec 2018 20:52

Tgt Ion: 43 Resp: 29528

Ion Ratio Lower Upper

43 100

58 33.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

12000

10000

8000

6000

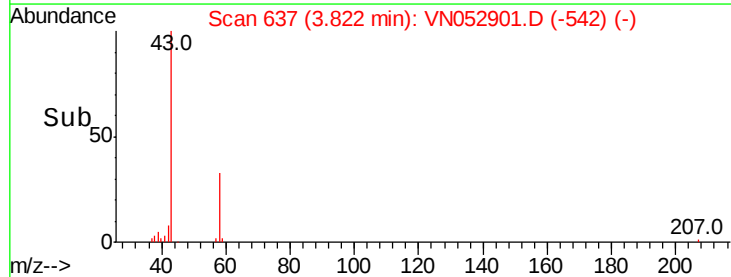
4000

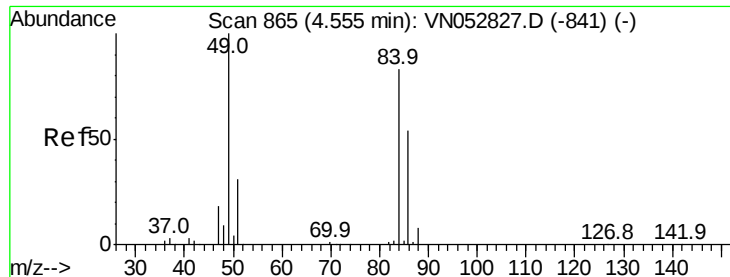
2000

0

3.70 3.80 3.90

Time-->



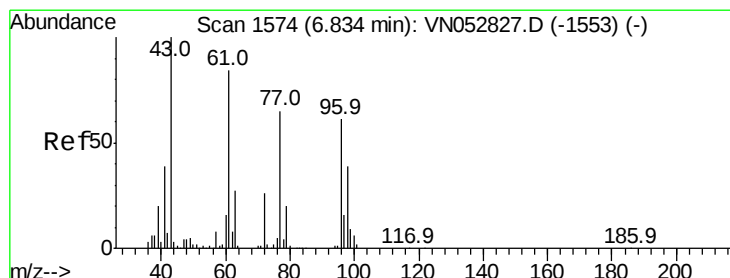
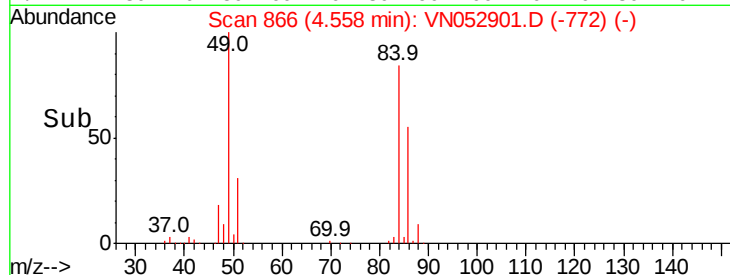
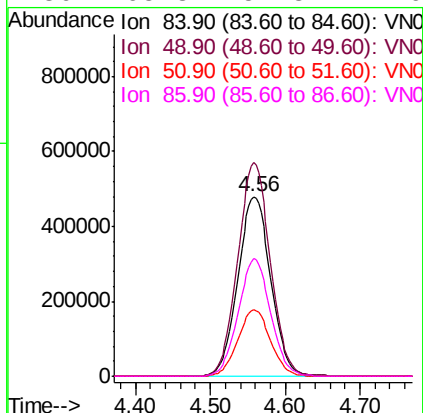
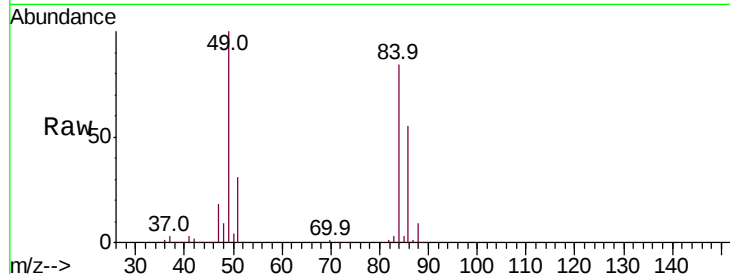


#20
Methvlene Chloride
Concen: 98.072 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052901.D
Acq: 14 Dec 2018 20:52

Instrument :
MSVOA_N
ClientSampled :
TP-4-A

Tot Ion: 84 Resp: 1464469

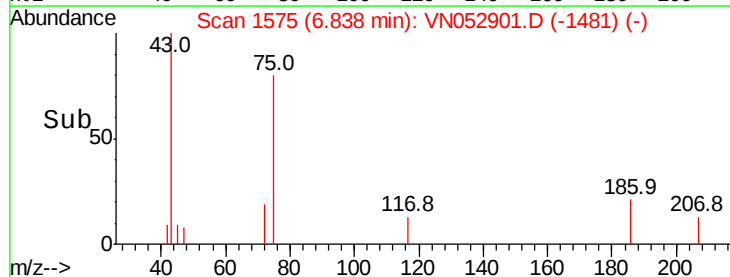
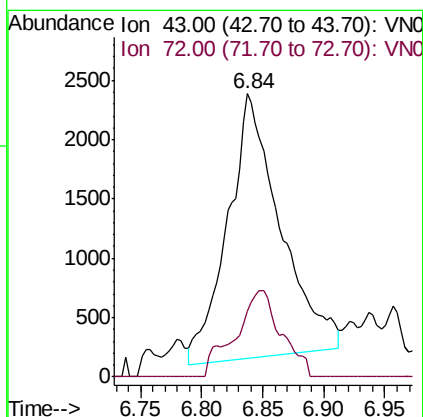
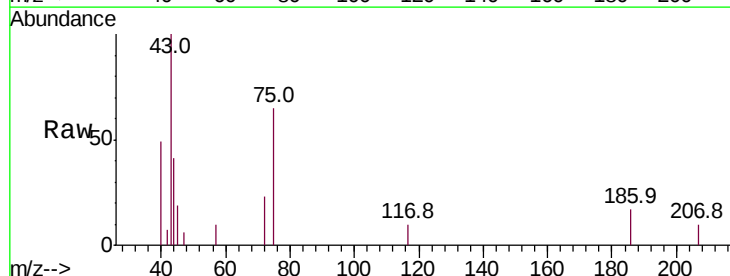
Ion	Ratio	Lower	Upper
84	100		
49	118.9	96.8	145.2
51	37.0	29.9	44.9
86	65.3	51.8	77.6

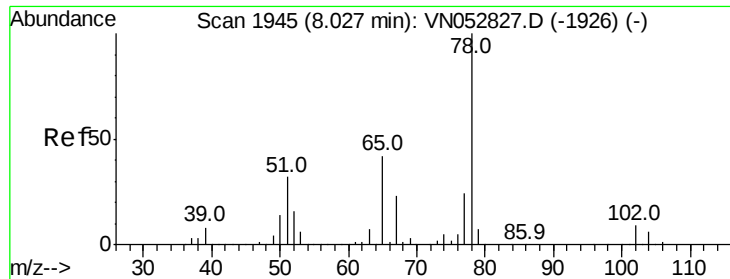


#25
2-Butanone
Concen: 1.298 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN052901.D
Acq: 14 Dec 2018 20:52

Tgt Ion: 43 Resp: 6685

Ion	Ratio	Lower	Upper
43	100		
72	25.8	21.0	31.6





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

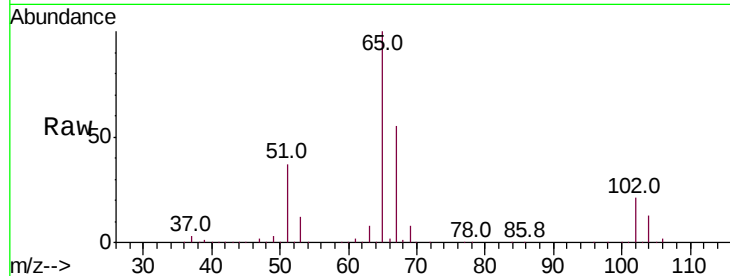
Instrument :
MSVOA_N
ClientSampleId :
TP-4-A

Tot Ion: 65 Resp: 723950

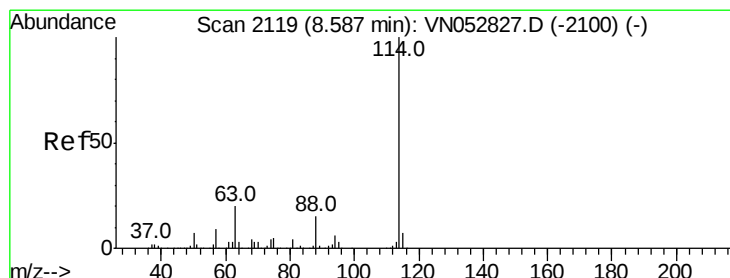
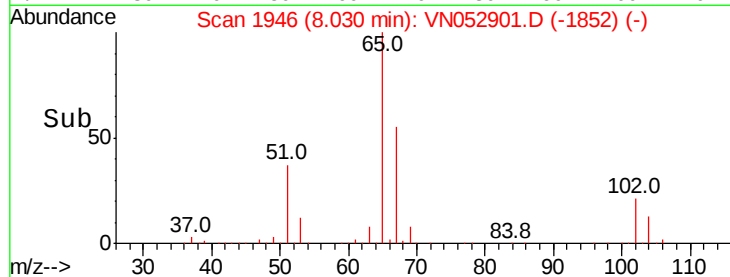
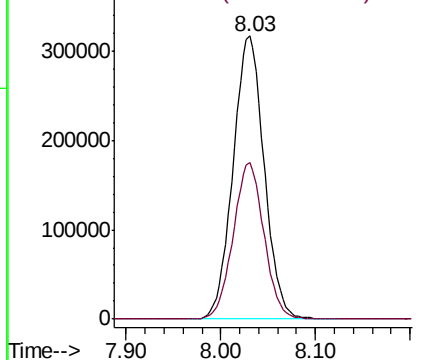
Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

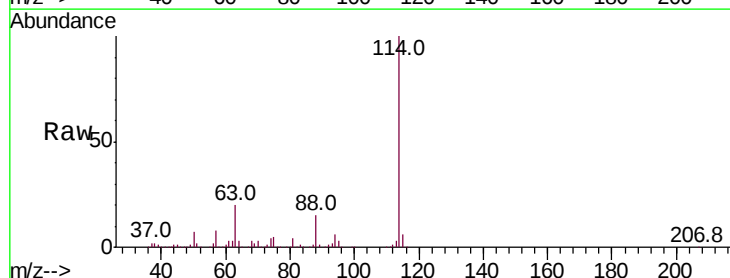
Tgt Ion: 114 Resp: 2156378

Ion Ratio Lower Upper

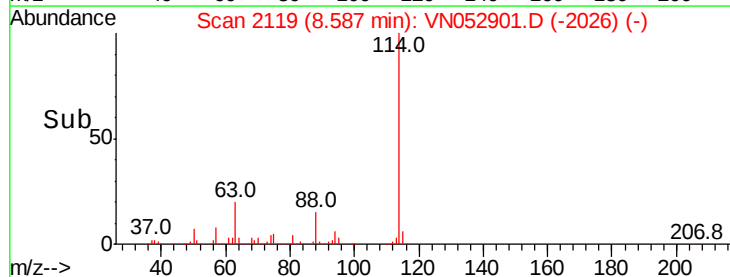
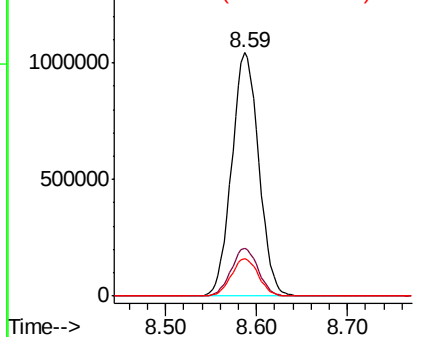
114 100

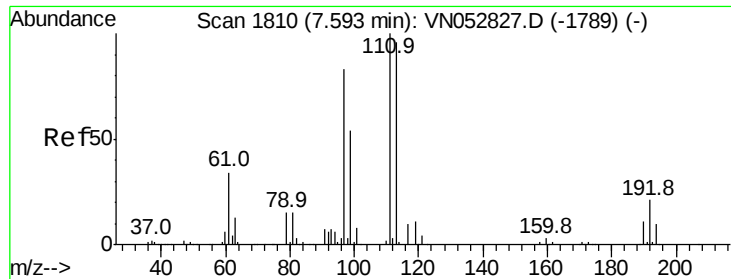
63 19.8 0.0 39.8

88 15.3 0.0 31.0



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

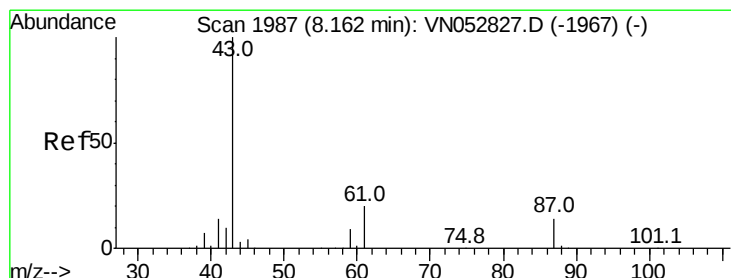
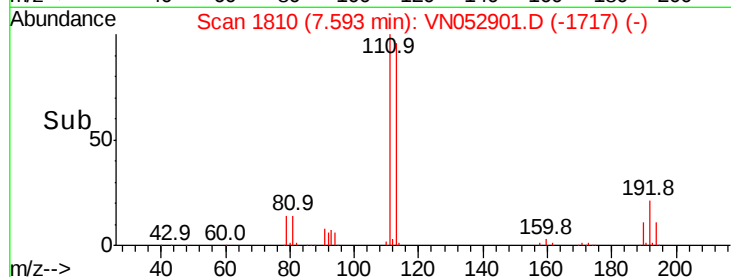
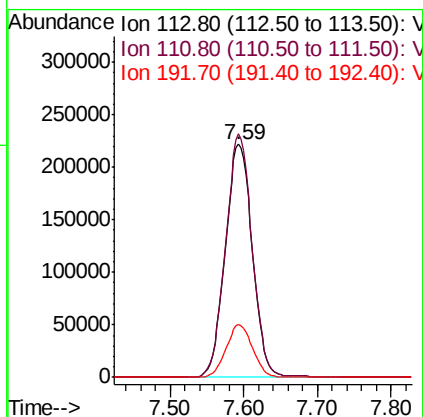
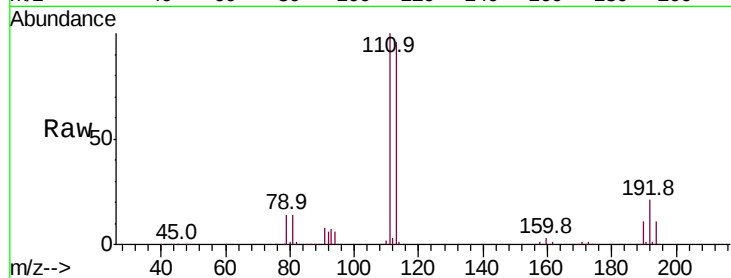




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052901.D
 Acq: 14 Dec 2018 20:52

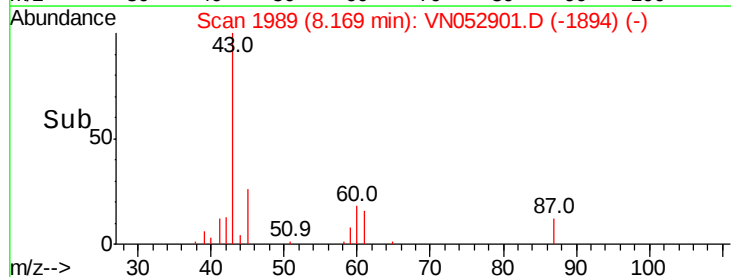
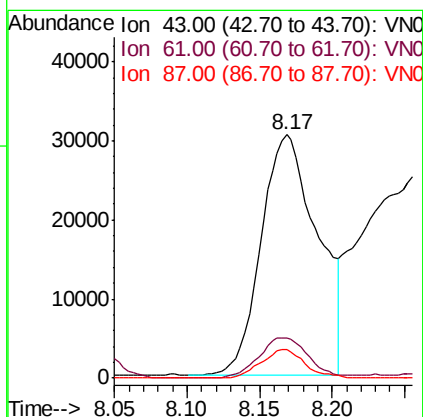
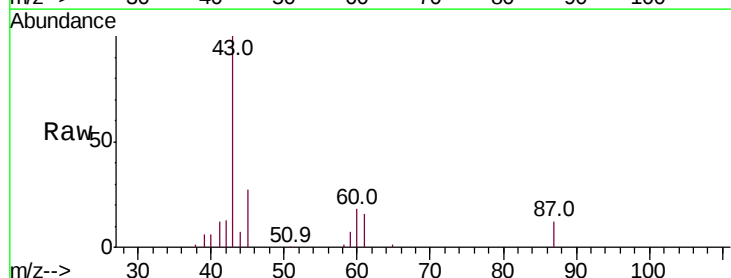
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4-A

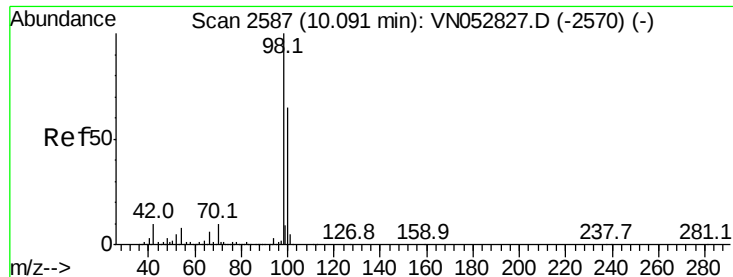
Tot Ion:113 Resp: 567482
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.0 124.4
 192 22.1 17.5 26.3



#43
 Isopropyl Acetate
 Concen: 3.379 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN052901.D
 Acq: 14 Dec 2018 20:52

Tgt Ion: 43 Resp: 82648
 Ion Ratio Lower Upper
 43 100
 61 14.6 22.9 34.3#
 87 9.1 10.6 15.8#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

Instrument :

MSVOA_N

ClientSampleId :

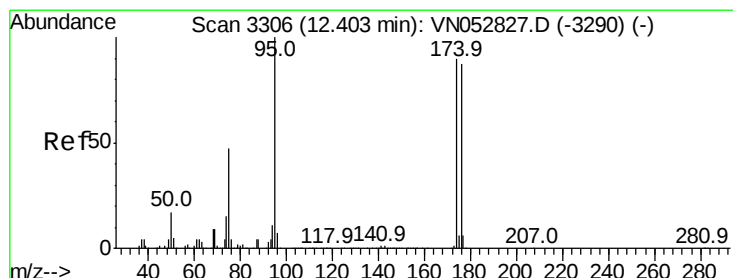
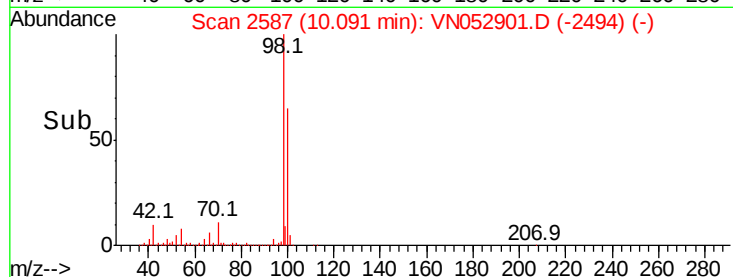
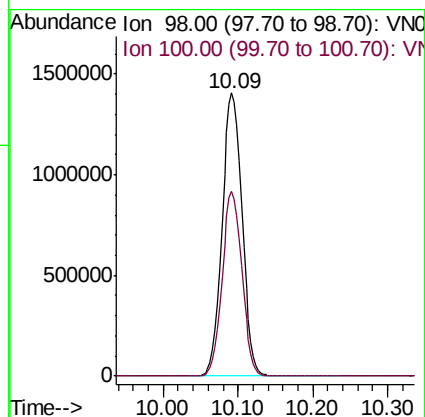
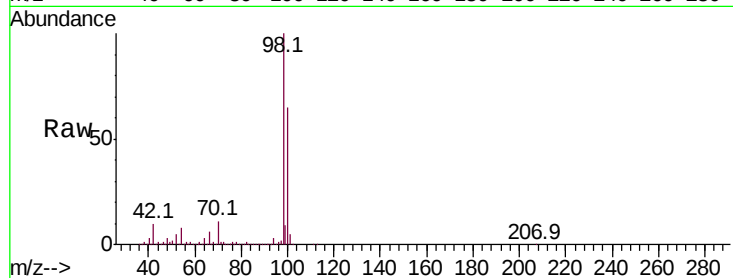
TP-4-A

Tot Ion: 98 Resp: 2587966

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

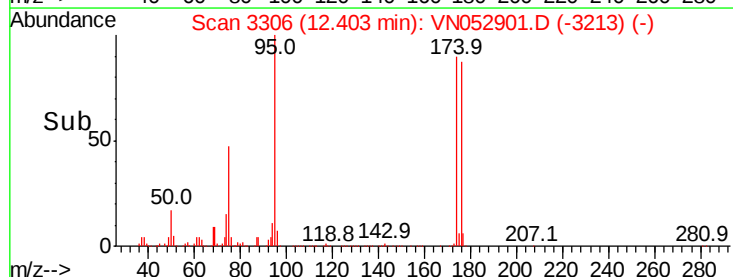
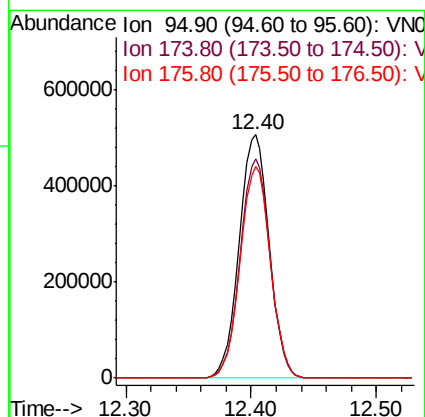
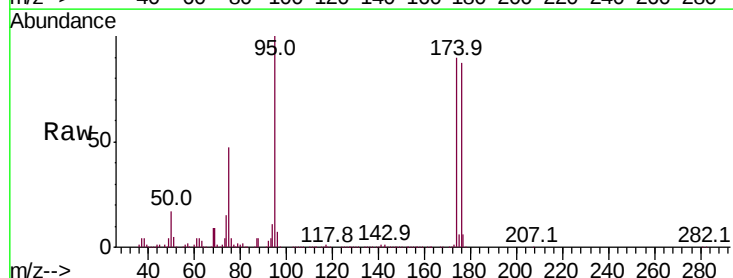
Tgt Ion: 95 Resp: 841228

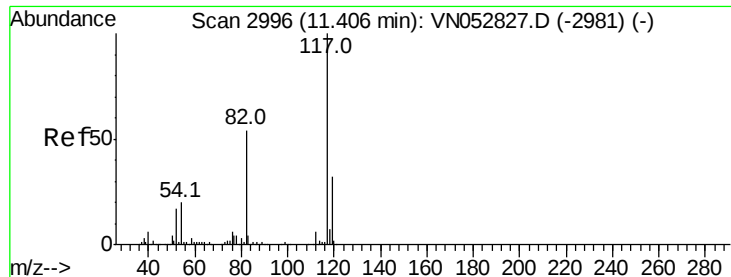
Ion Ratio Lower Upper

95 100

174 90.0 0.0 178.8

176 87.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

Instrument :

MSVOA_N

ClientSampled :

TP-4-A

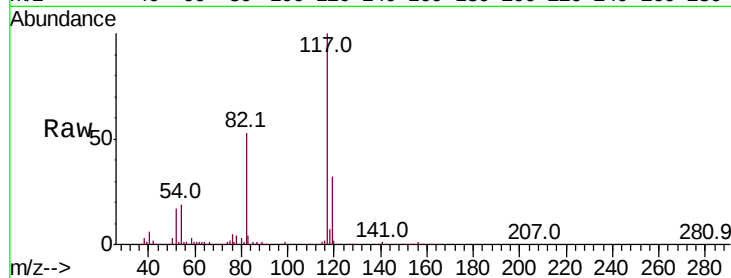
Tot Ion:117 Resp: 1875967

Ion Ratio Lower Upper

117 100

82 52.7 42.8 64.2

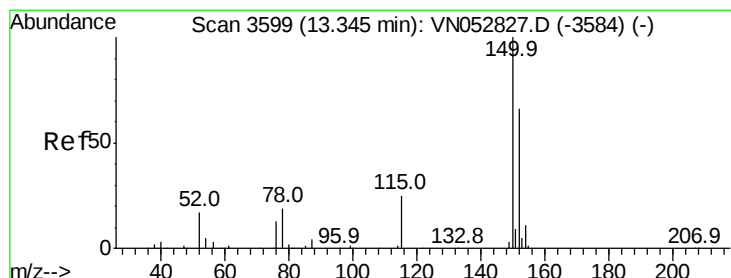
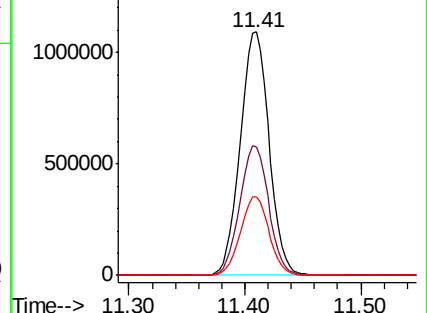
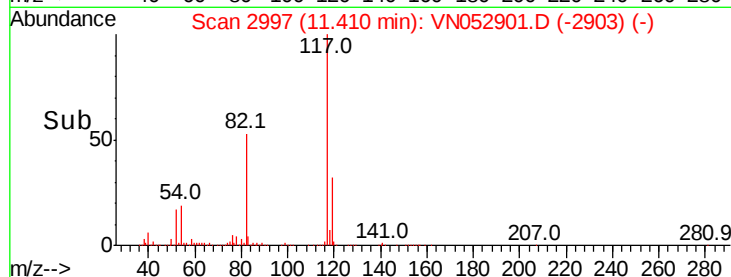
119 32.3 25.5 38.3



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

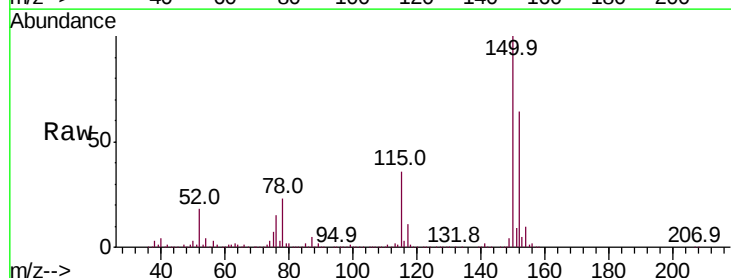
Tgt Ion:152 Resp: 800294

Ion Ratio Lower Upper

152 100

115 58.3 28.3 85.0

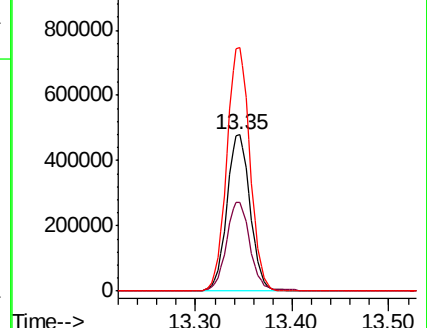
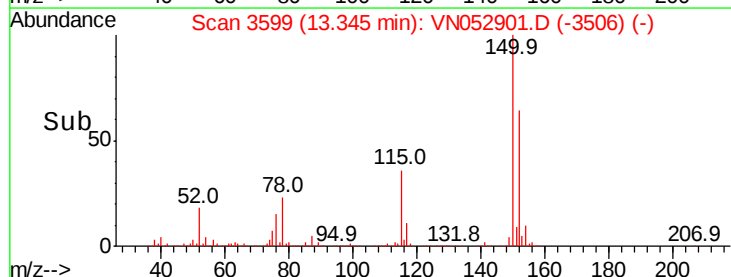
150 154.2 0.0 347.8

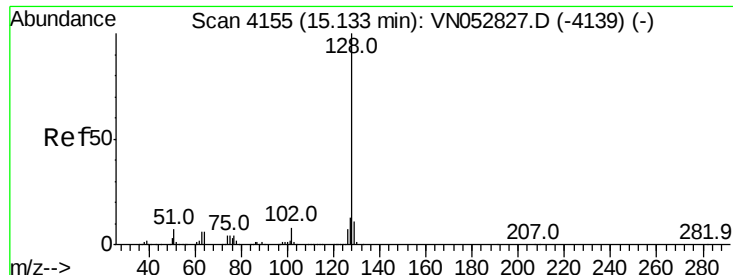


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 10.029 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052901.D

Acq: 14 Dec 2018 20:52

Instrument :

MSVOA_N

ClientSampleId :

TP-4-A

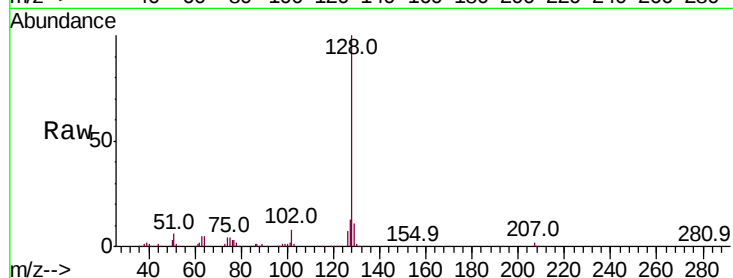
Tot Ion:128 Resp: 293338

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.8 8.6 13.0



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

