

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052897.D
 Acq On : 14 Dec 2018 19:05
 Operator : MD\SY
 Sample : J6403-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-A

Quant Time: Dec 15 03:41:31 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

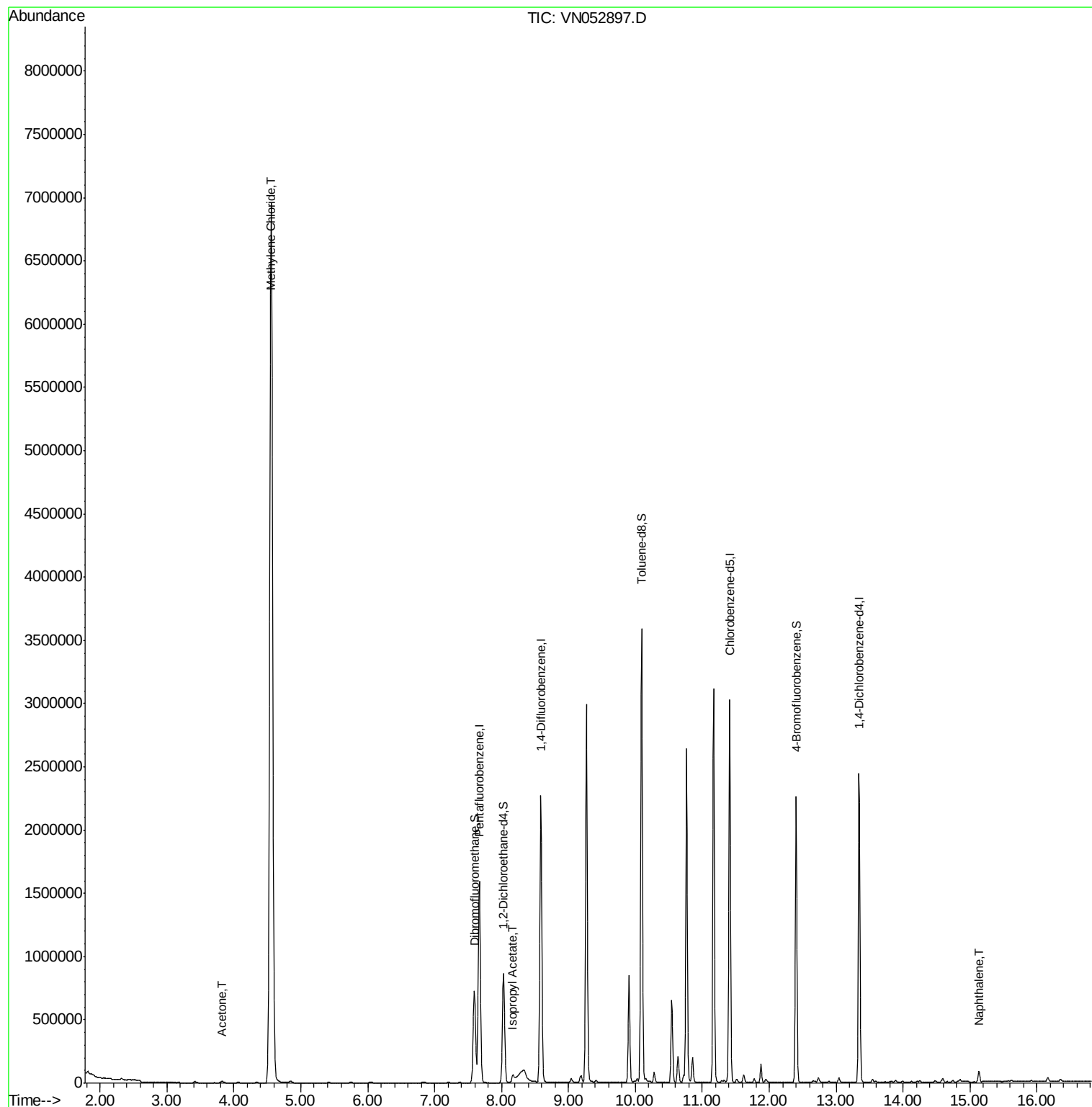
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1405381	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2159467	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1832620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	696646	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	725958	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
35) Dibromofluoromethane	7.59	113	559771	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
50) Toluene-d8	10.09	98	2584046	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.40	95	799277	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
Target Compounds						
16) Acetone	3.82	43	26228	7.815	ug/l	89
20) Methylene Chloride	4.56	84	5371881	355.673	ug/l	99
43) Isopropyl Acetate	8.17	43	80258	3.277	ug/l #	80
95) Naphthalene	15.13	128	76164	2.991	ug/l	99

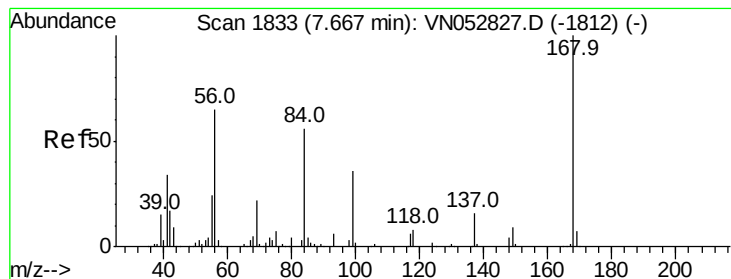
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1834

Delta R.T. 0.00 min

Lab File: VN052897.D

Acq: 14 Dec 2018 19:05

Instrument :

MSVOA_N

ClientSampled :

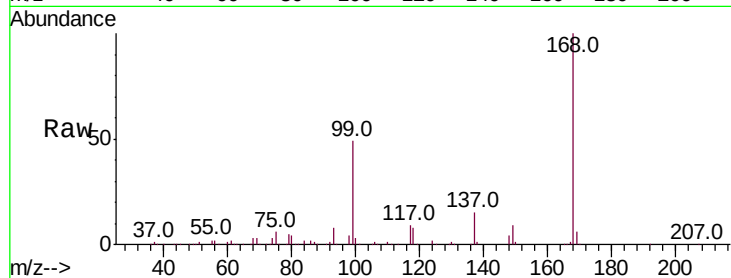
TP-2-A

Tot Ion:168 Resp: 1405381

Ion Ratio Lower Upper

168 100

99 49.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

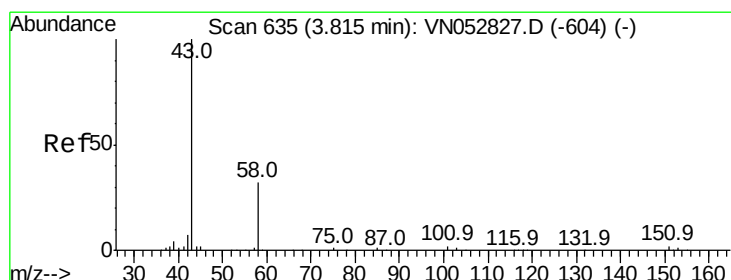
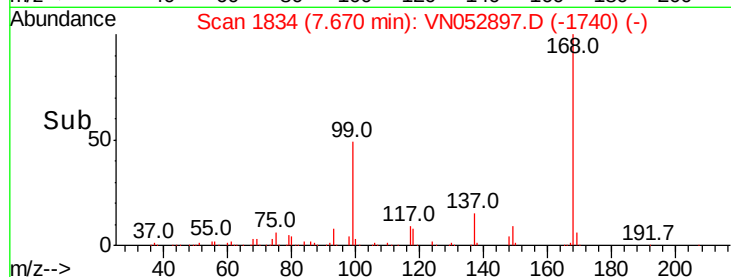
600000

400000

200000

0

Time-->



#16

Acetone

Concen: 7.815 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052897.D

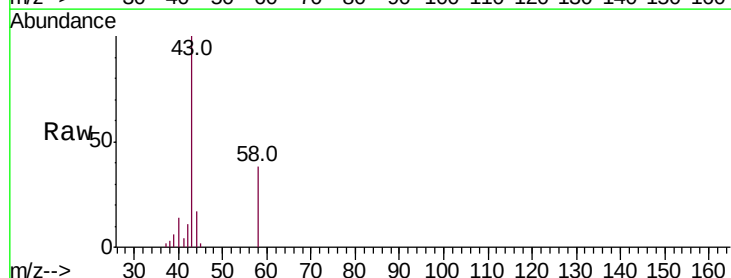
Acq: 14 Dec 2018 19:05

Tgt Ion: 43 Resp: 26228

Ion Ratio Lower Upper

43 100

58 37.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

10000

8000

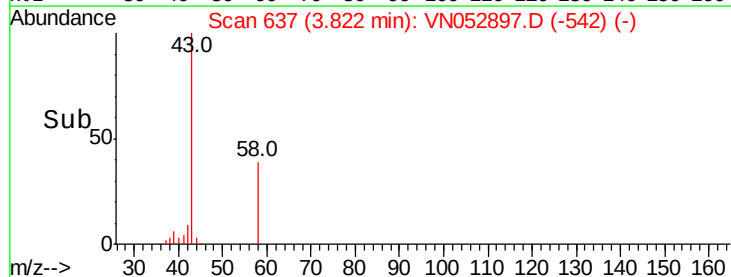
6000

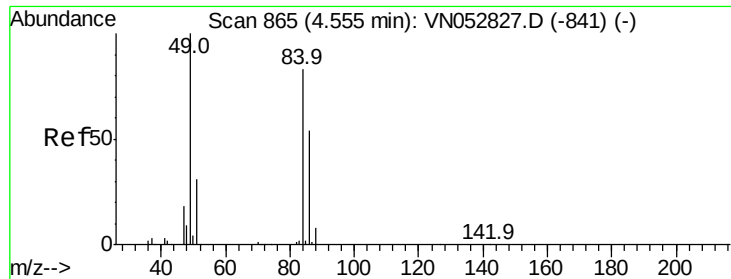
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 355.673 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.00 min

Lab File: VN052897.D

Acq: 14 Dec 2018 19:05

Instrument :
MSVOA_N
ClientSampled :
TP-2-A

Tot Ion: 84 Resp: 5371881

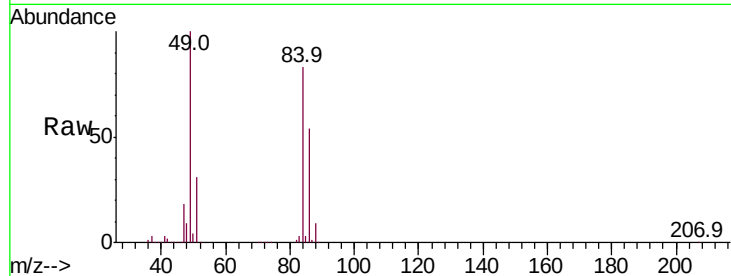
Ion Ratio Lower Upper

84 100

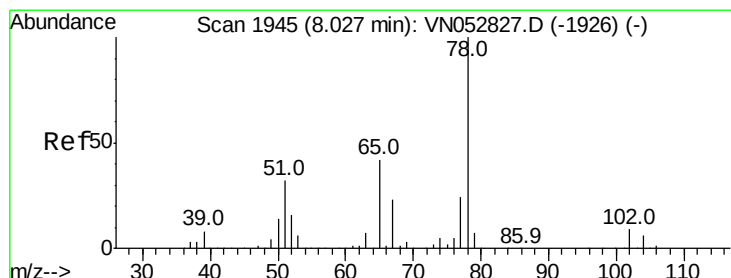
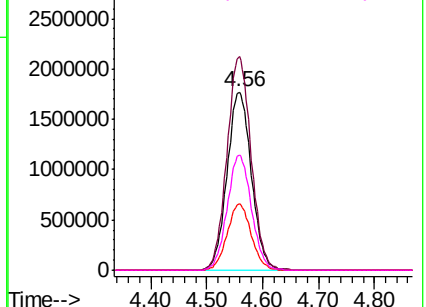
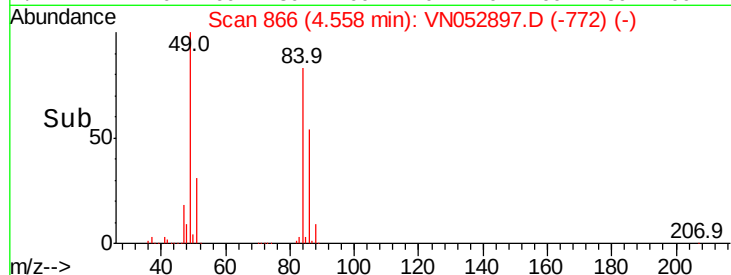
49 119.9 96.8 145.2

51 37.0 29.9 44.9

86 64.9 51.8 77.6



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: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052897.D

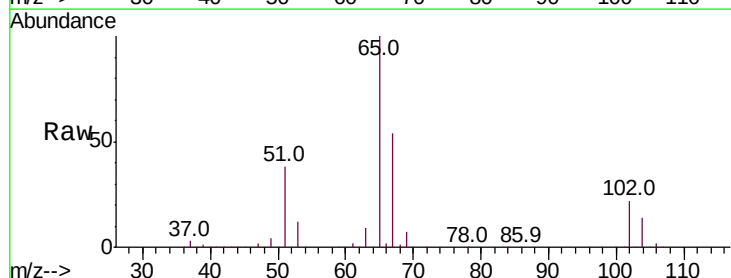
Acq: 14 Dec 2018 19:05

Tgt Ion: 65 Resp: 725958

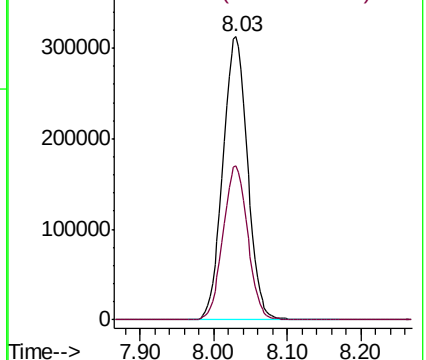
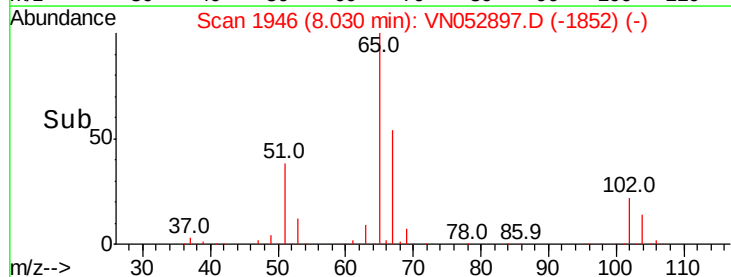
Ion Ratio Lower Upper

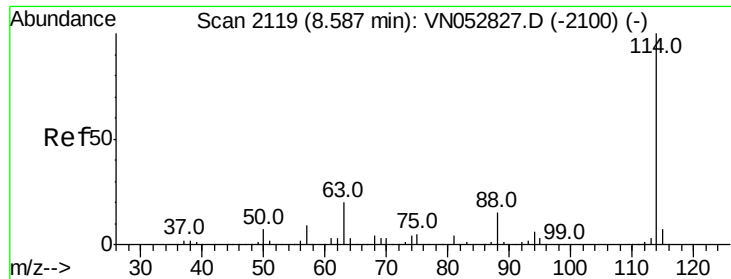
65 100

67 54.4 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0



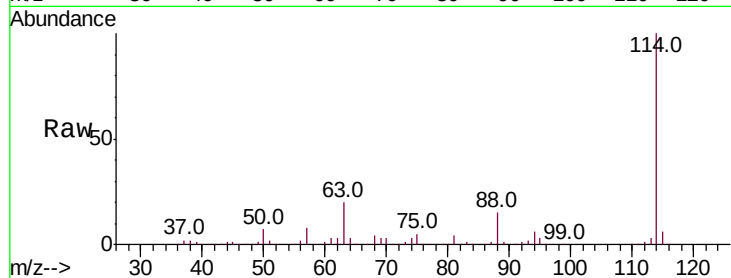


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052897.D
 Acq: 14 Dec 2018 19:05

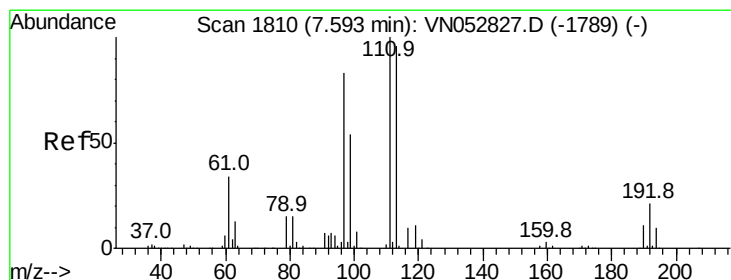
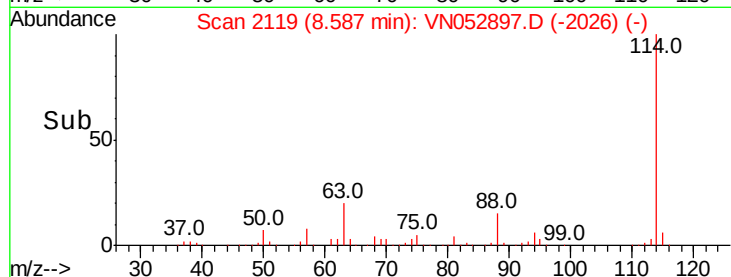
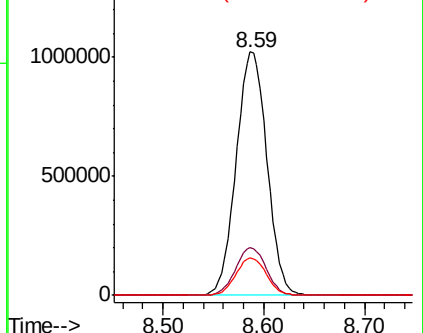
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-A

Tot Ion:114 Resp: 2159467

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.8
88	15.3	0.0	31.0



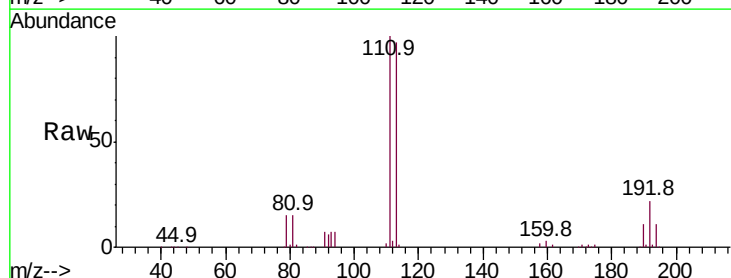
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



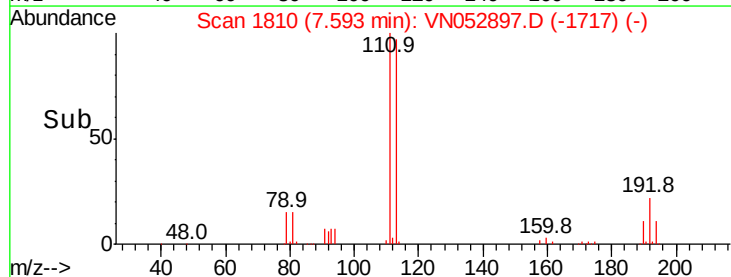
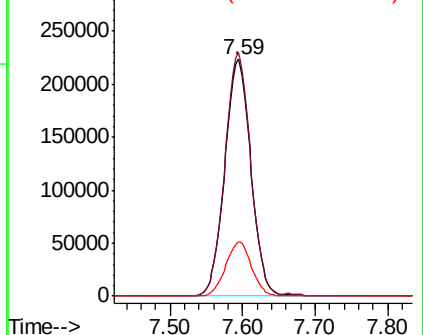
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052897.D
 Acq: 14 Dec 2018 19:05

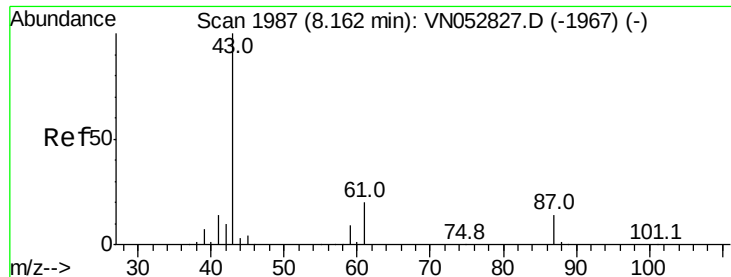
Tgt Ion:113 Resp: 559771

Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.0	124.4
192	22.7	17.5	26.3



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: 3.277 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052897.D

Acq: 14 Dec 2018 19:05

Instrument :

MSVOA_N

ClientSampleId :

TP-2-A

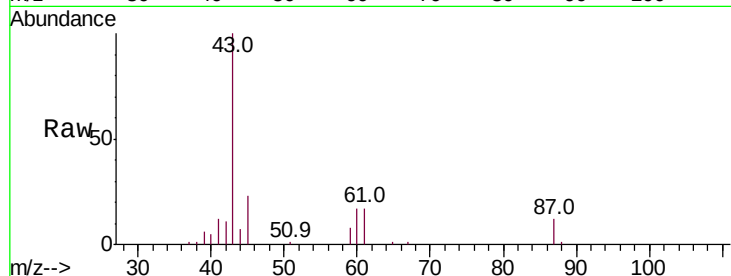
Tot Ion: 43 Resp: 80258

Ion Ratio Lower Upper

43 100

61 15.2 22.9 34.3#

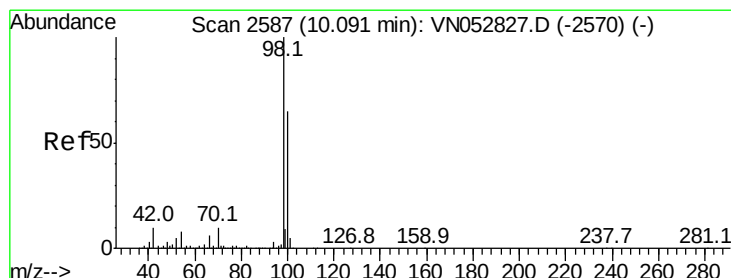
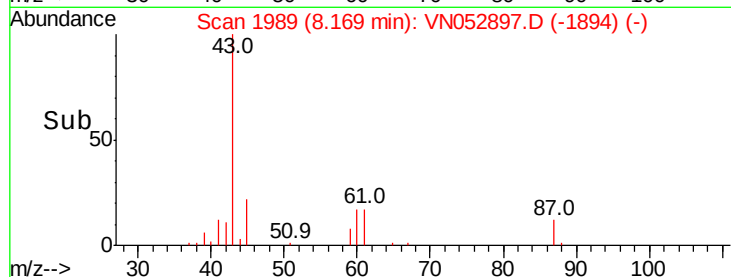
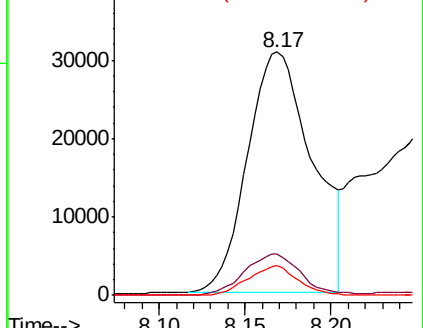
87 9.5 10.6 15.8#



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052897.D

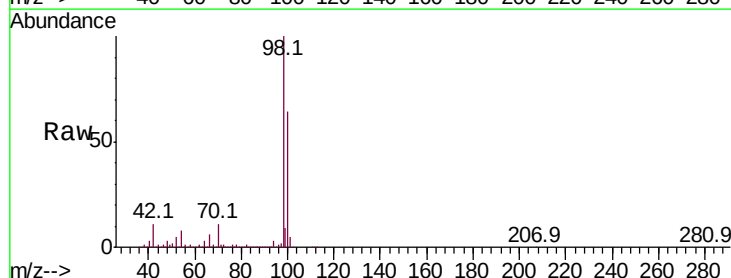
Acq: 14 Dec 2018 19:05

Tgt Ion: 98 Resp: 2584046

Ion Ratio Lower Upper

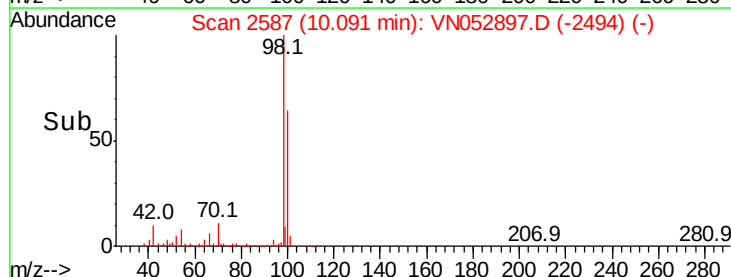
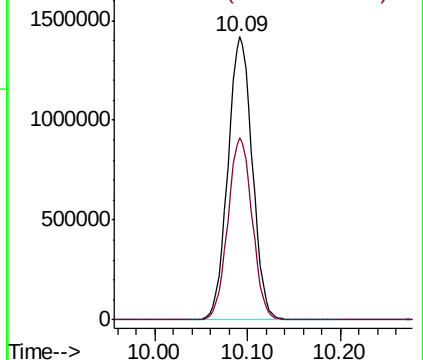
98 100

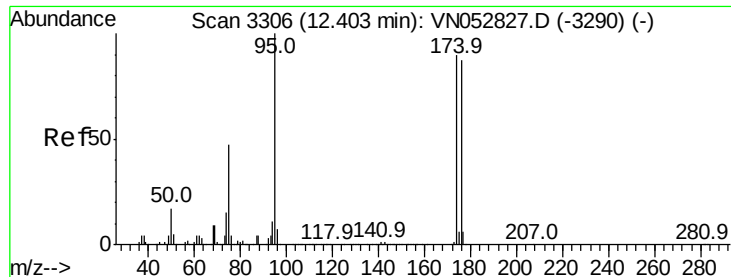
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

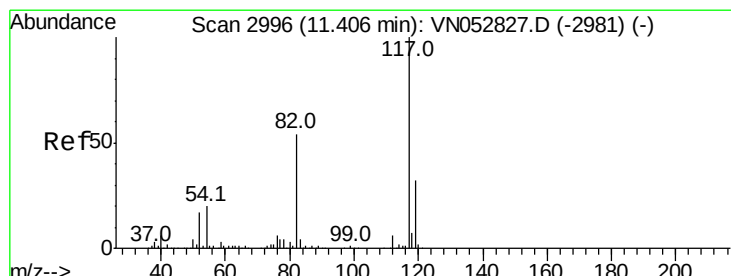
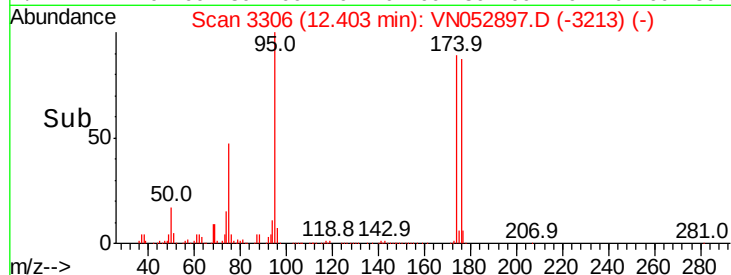
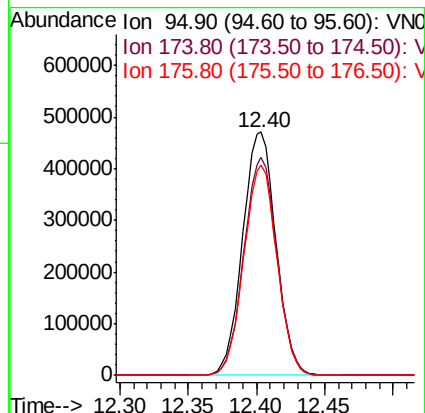
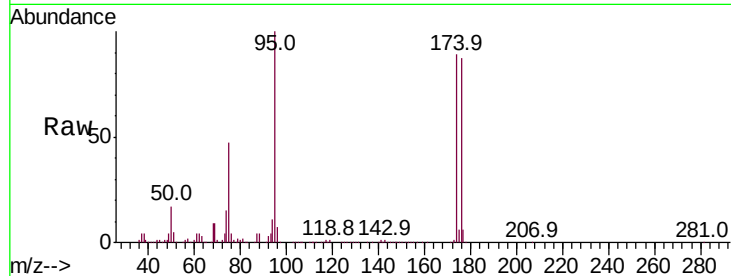
Delta R.T. 0.00 min

Lab File: VN052897.D

Acq: 14 Dec 2018 19:05

Instrument :
MSVOA_N
ClientSampleId :
TP-2-A

Tot Ion:	95	Resp:	799277
Ion	Ratio	Lower	Upper
95	100		
174	88.8	0.0	178.8
176	85.7	0.0	173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

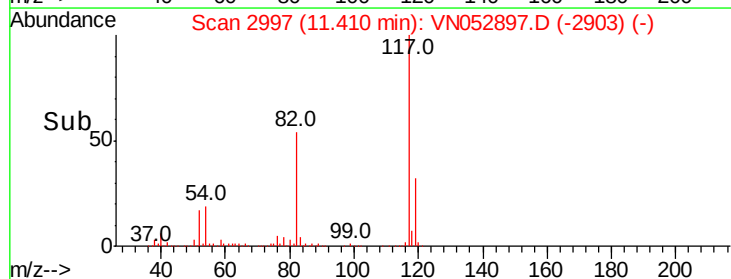
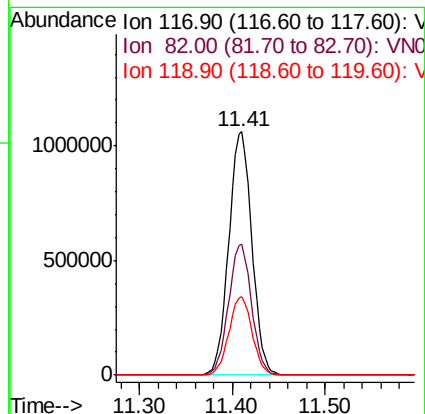
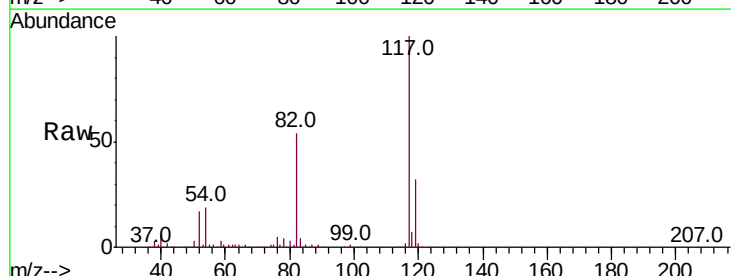
RT: 11.41 min Scan# 2997

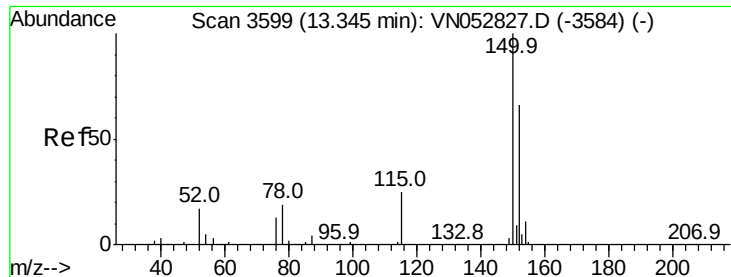
Delta R.T. 0.00 min

Lab File: VN052897.D

Acq: 14 Dec 2018 19:05

Tgt Ion:	117	Resp:	1832620
Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.8	64.2
119	32.1	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052897.D

Acq: 14 Dec 2018 19:05

Instrument :

MSVOA_N

ClientSampleId :

TP-2-A

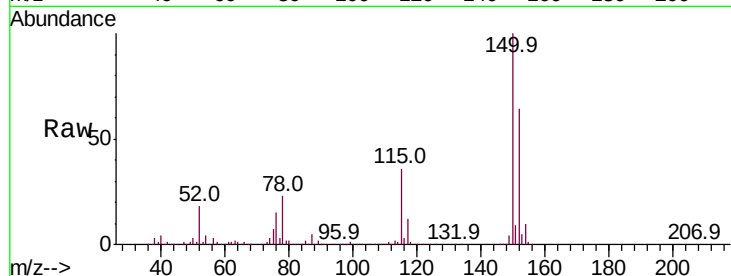
Tot Ion:152 Resp: 696646

Ion Ratio Lower Upper

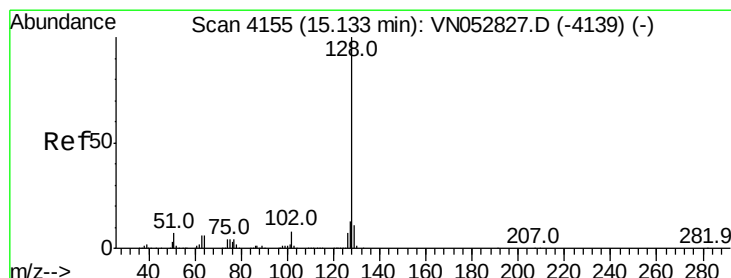
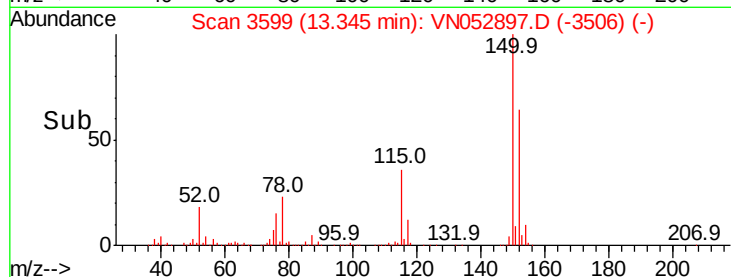
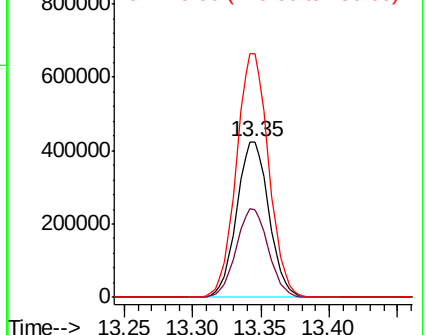
152 100

115 56.5 28.3 85.0

150 156.7 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: 2.991 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052897.D

Acq: 14 Dec 2018 19:05

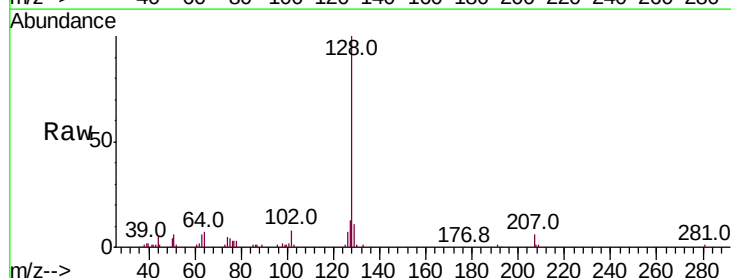
Tgt Ion:128 Resp: 76164

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.9 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

