

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120618\
 Data File : VN052706.D
 Acq On : 6 Dec 2018 18:39
 Operator : MD\SY
 Sample : J6199-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-120518-B

Quant Time: Dec 07 07:21:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

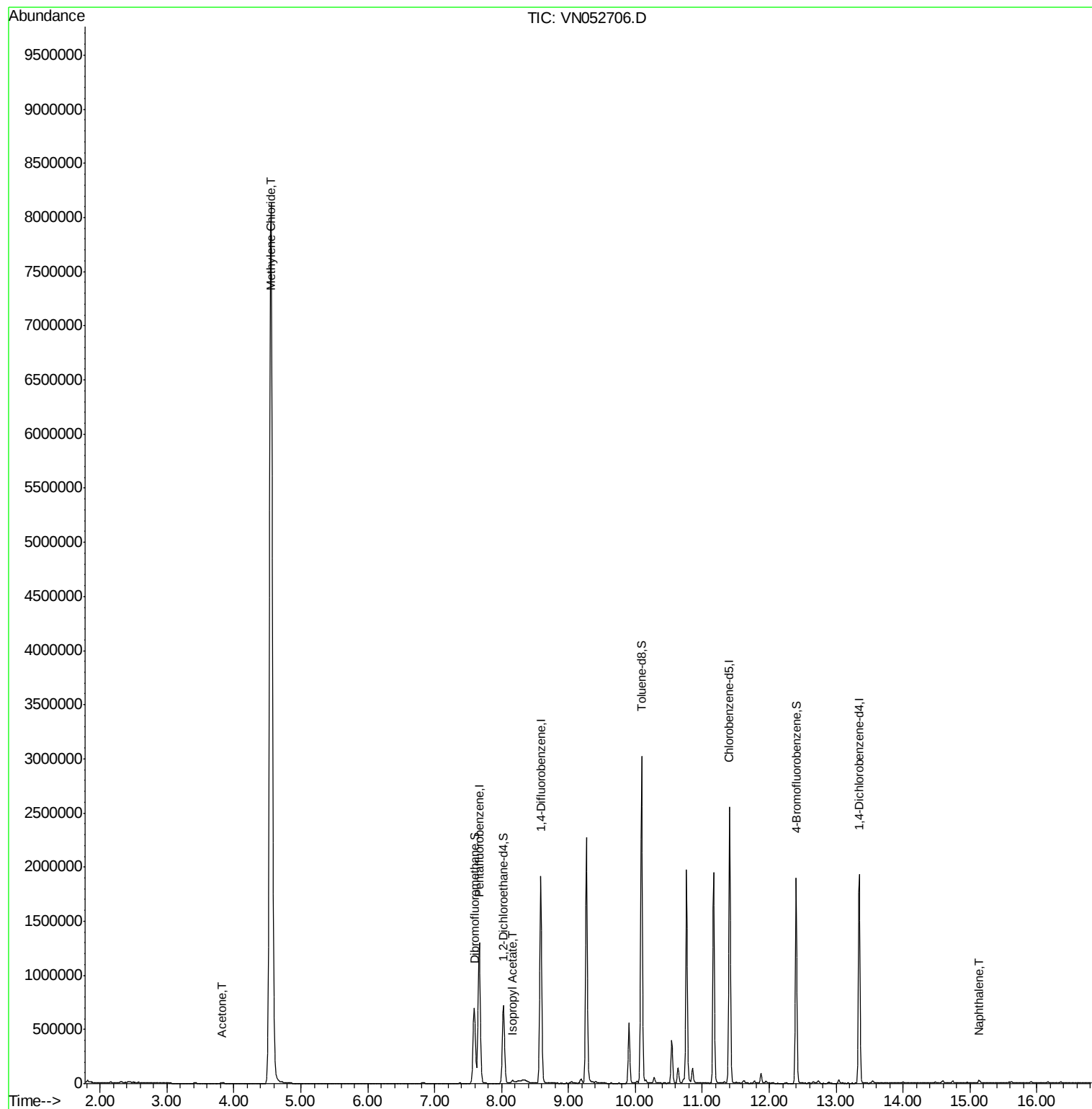
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1125275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1762067	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1528201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	550363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	610951	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
35) Dibromofluoromethane	7.59	113	548810	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
50) Toluene-d8	10.09	98	2155848	50.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.40	95	648879	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
Target Compounds						
16) Acetone	3.83	43	16483	5.101	ug/l	99
20) Methylene Chloride	4.55	84	6266101	495.489	ug/l	100
43) Isopropyl Acetate	8.16	43	40050	2.330	ug/l #	85
95) Naphthalene	15.13	128	19813	4.319	ug/l	99

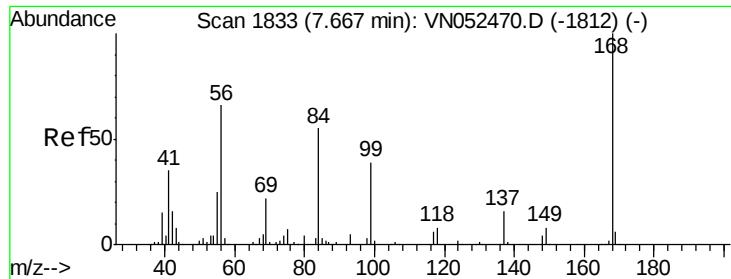
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052706.D

Acq: 6 Dec 2018 18:39

Instrument :

MSVOA_N

ClientSampleId :

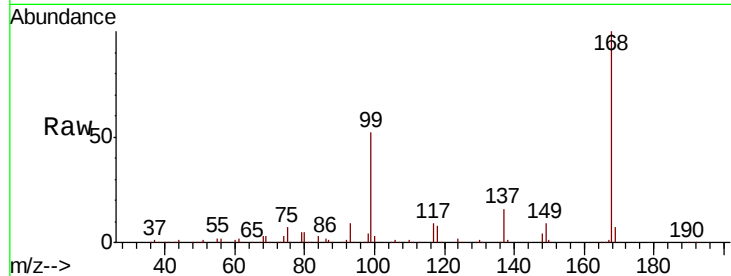
SU-01-120518-B

Tot Ion:168 Resp: 1125275

Ion Ratio Lower Upper

168 100

99 51.7 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052706.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052706.D (-1740) (-)

7.67

500000

400000

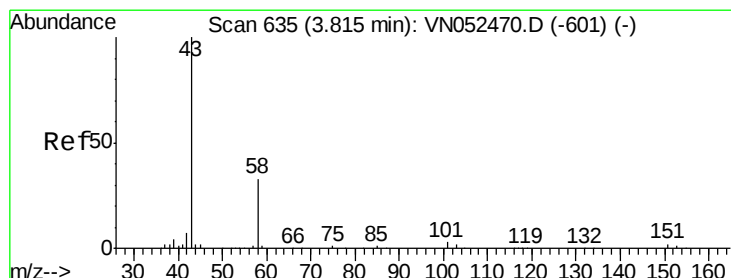
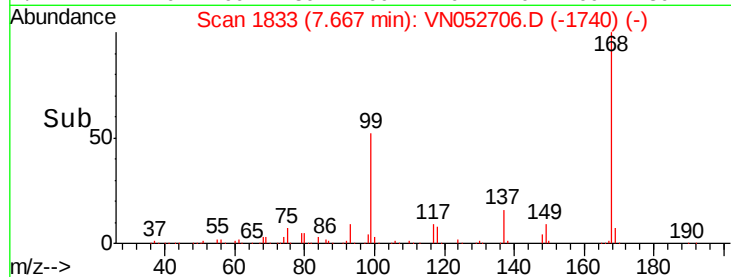
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.101 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN052706.D

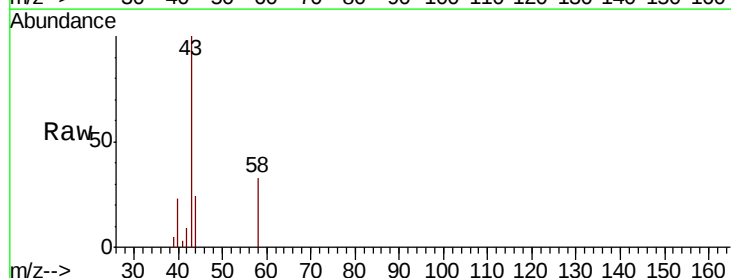
Acq: 6 Dec 2018 18:39

Tgt Ion: 43 Resp: 16483

Ion Ratio Lower Upper

43 100

58 33.3 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052706.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052706.D (-542) (-)

3.83

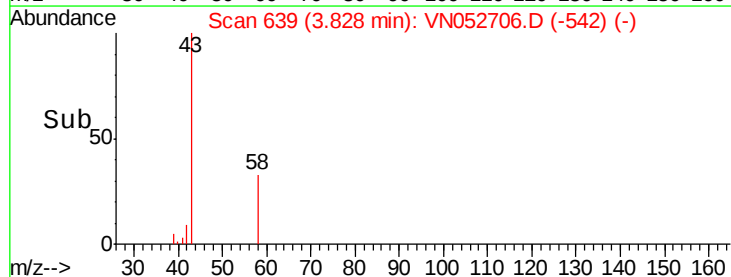
6000

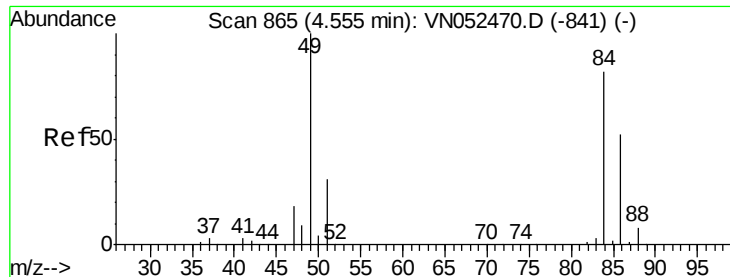
4000

2000

0

Time-->



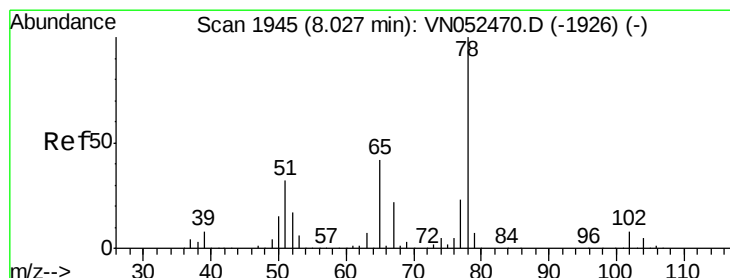
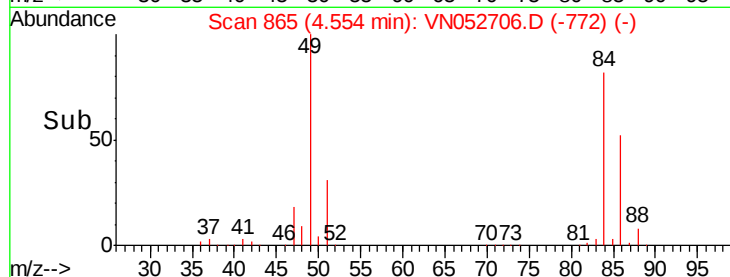
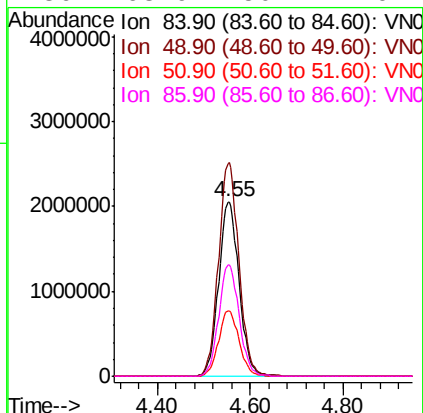
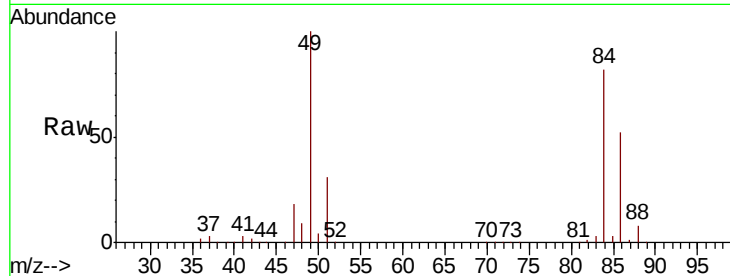


#20
Methvlene Chloride
Concen: 495.489 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052706.D
Acq: 6 Dec 2018 18:39

Instrument :
MSVOA_N
ClientSampleId :
SU-01-120518-B

Tot Ion: 84 Resp: 6266101

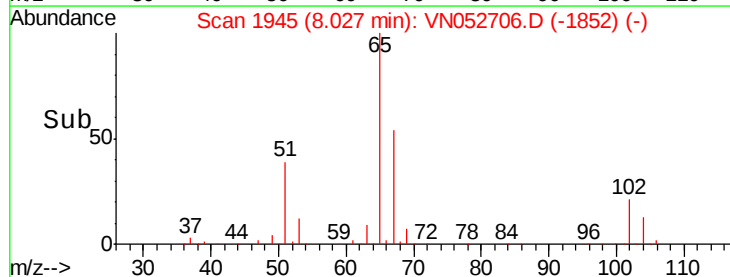
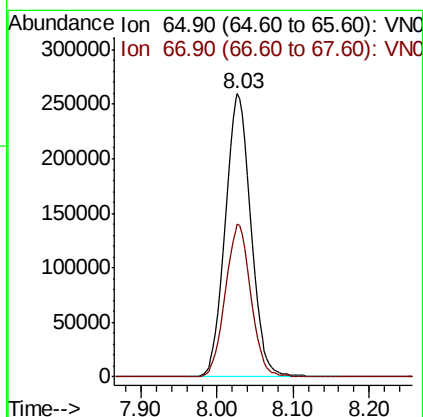
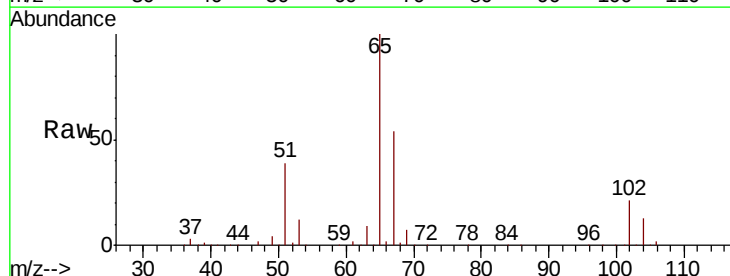
Ion	Ratio	Lower	Upper
84	100		
49	122.3	98.0	147.0
51	37.6	30.1	45.1
86	63.9	50.7	76.1

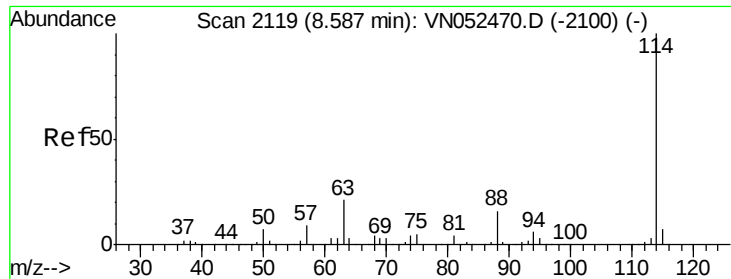


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052706.D
Acq: 6 Dec 2018 18:39

Tgt Ion: 65 Resp: 610951

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	109.8



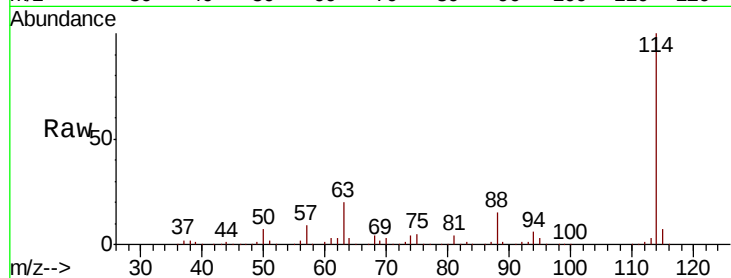


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052706.D
 Acq: 6 Dec 2018 18:39

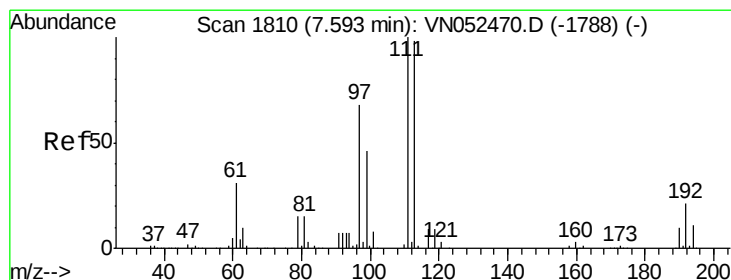
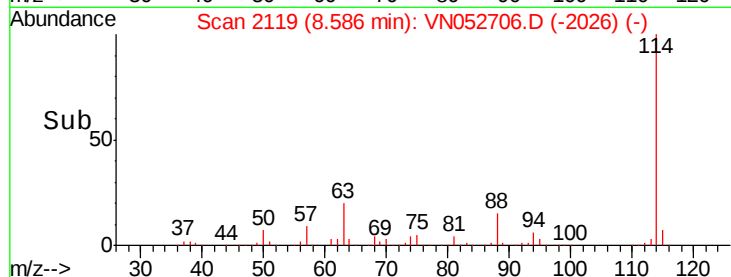
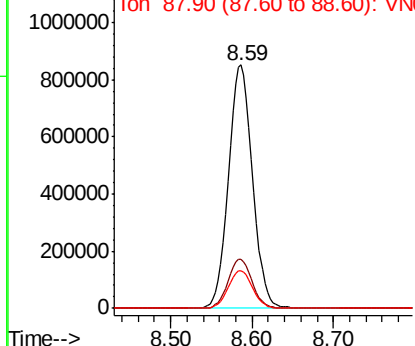
Instrument :
 MSVOA_N
 ClientSampleId :
 SU-01-120518-B

Tot Ion:114 Resp: 1762067

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.8
88	15.5	0.0	31.6



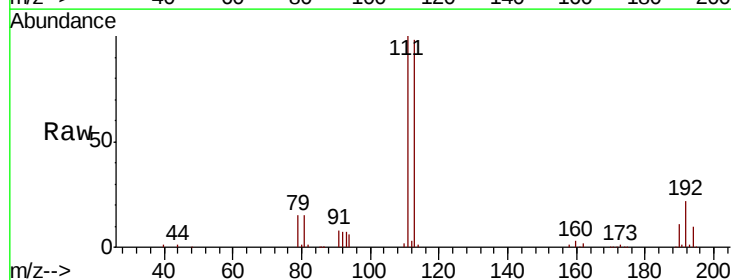
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



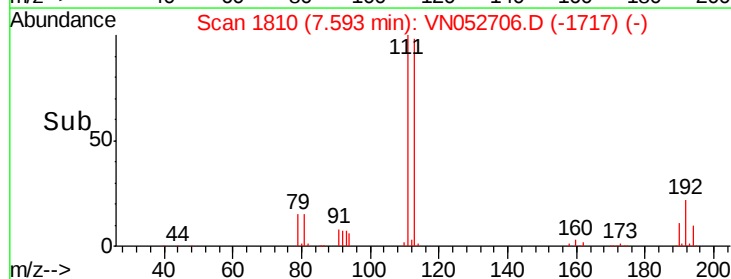
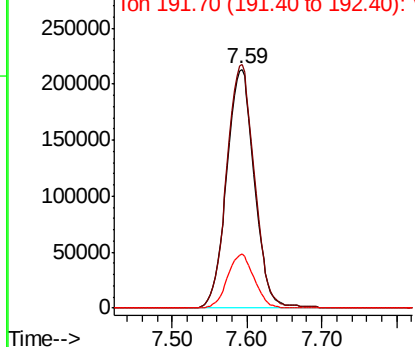
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052706.D
 Acq: 6 Dec 2018 18:39

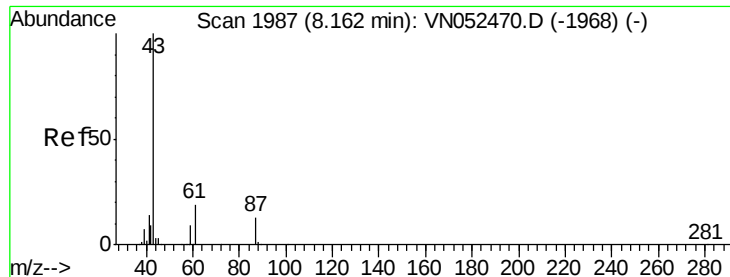
Tgt Ion:113 Resp: 548810

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.0	123.0
192	21.9	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: 2.330 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN052706.D

Acq: 6 Dec 2018 18:39

Instrument :

MSVOA_N

ClientSampleId :

SU-01-120518-B

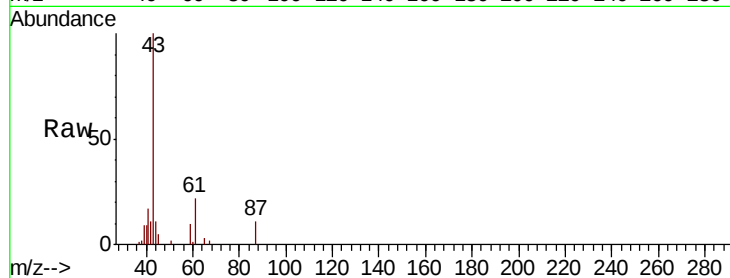
Tot Ion: 43 Resp: 40050

Ion Ratio Lower Upper

43 100

61 19.0 24.1 36.1#

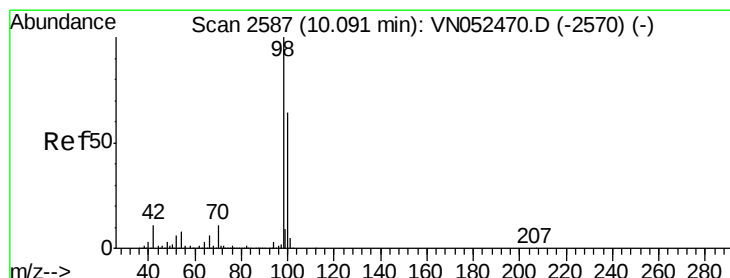
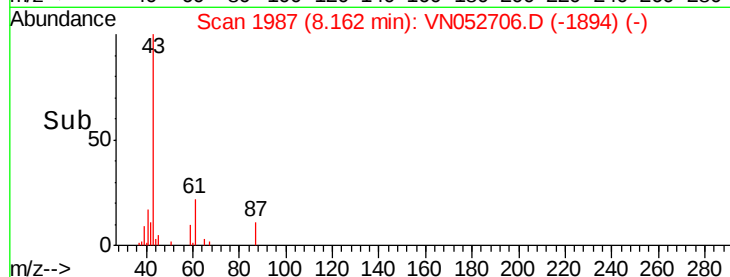
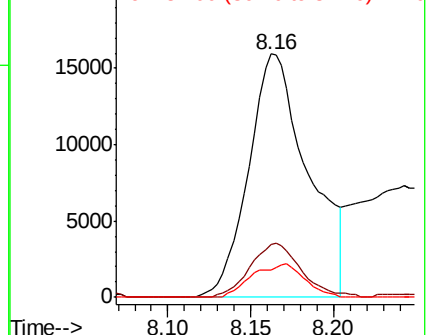
87 11.9 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052706.D

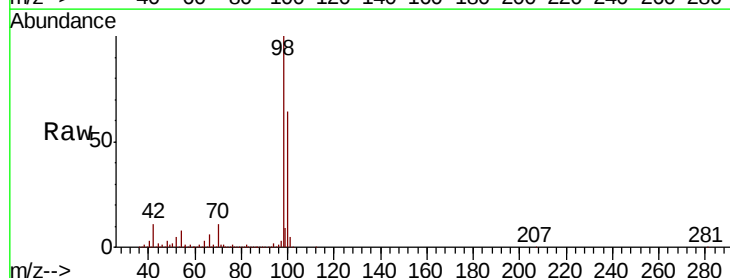
Acq: 6 Dec 2018 18:39

Tgt Ion: 98 Resp: 2155848

Ion Ratio Lower Upper

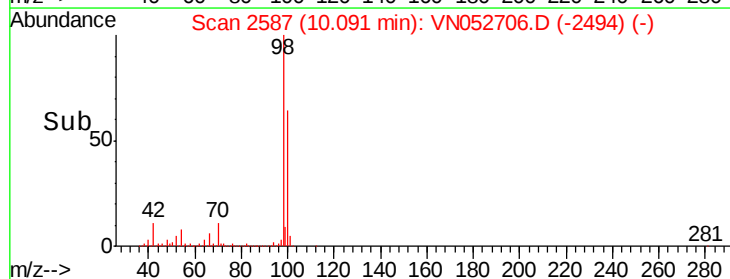
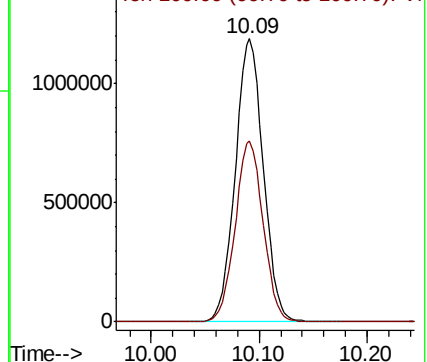
98 100

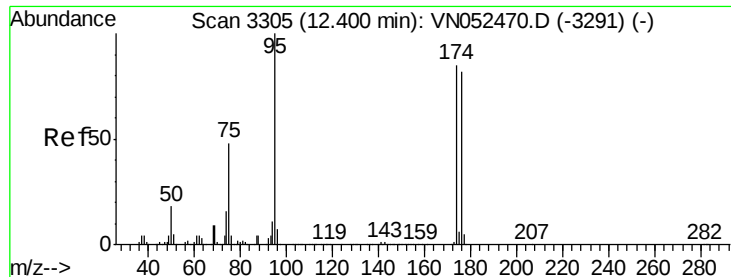
100 63.8 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)

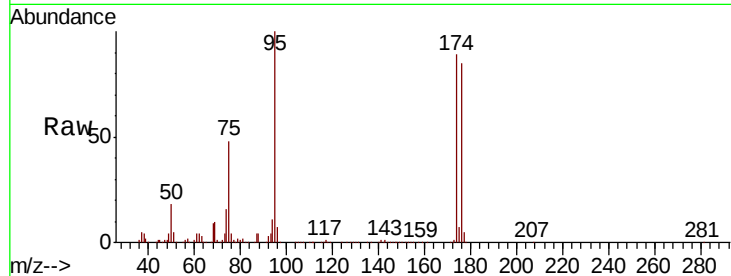




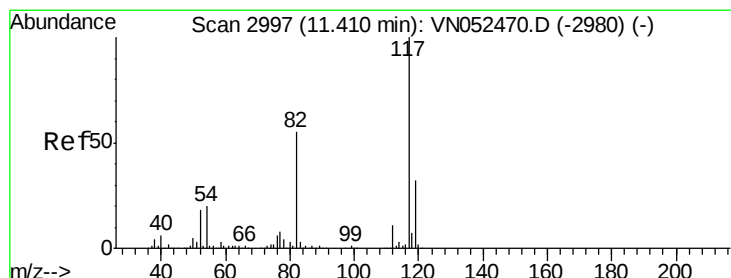
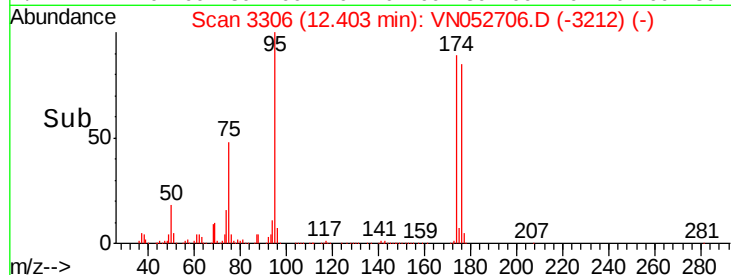
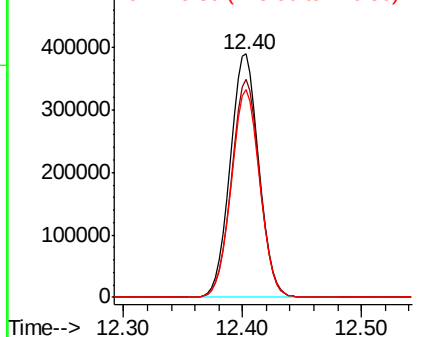
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052706.D
Acq: 6 Dec 2018 18:39

Instrument :
MSVOA_N
ClientSampleId :
SU-01-120518-B

Tot Ion: 95 Resp: 648879
Ion Ratio Lower Upper
95 100
174 88.5 0.0 173.0
176 85.1 0.0 166.2

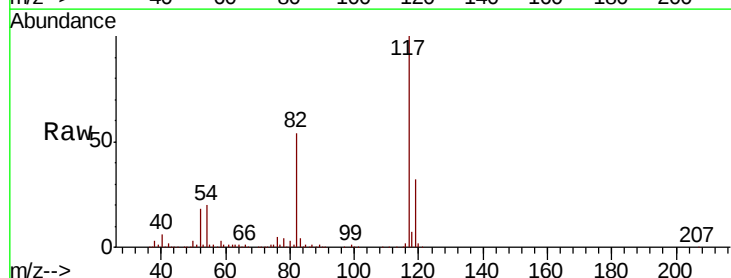


Abundance Ion 94.90 (94.60 to 95.60): VN052470.D (-3291) (-)
Ion 173.80 (173.50 to 174.50): VN052470.D (-3291) (-)
Ion 175.80 (175.50 to 176.50): VN052470.D (-3291) (-)

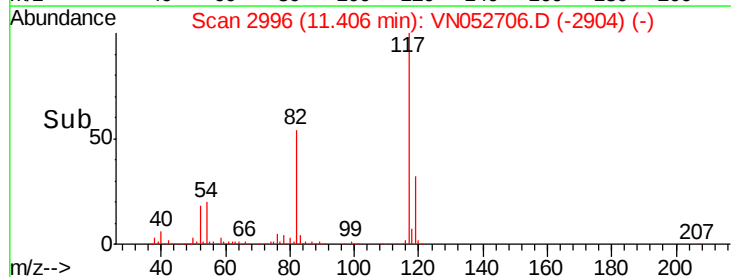
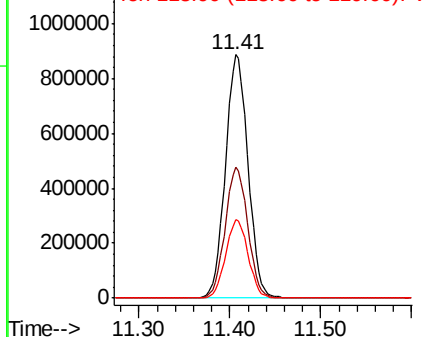


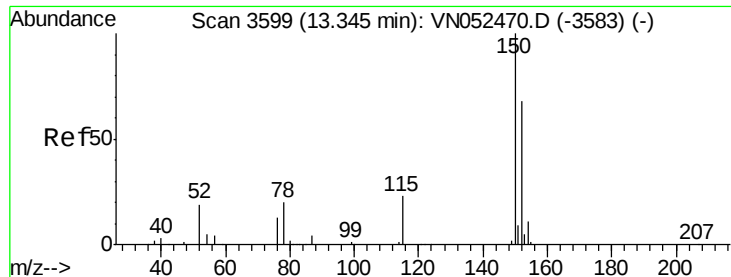
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052706.D
Acq: 6 Dec 2018 18:39

Tgt Ion: 117 Resp: 1528201
Ion Ratio Lower Upper
117 100
82 53.9 43.6 65.4
119 32.1 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN052470.D (-2980) (-)
Ion 82.00 (81.70 to 82.70): VN052470.D (-2980) (-)
Ion 118.90 (118.60 to 119.60): VN052470.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052706.D

Acq: 6 Dec 2018 18:39

Instrument :

MSVOA_N

ClientSampleId :

SU-01-120518-B

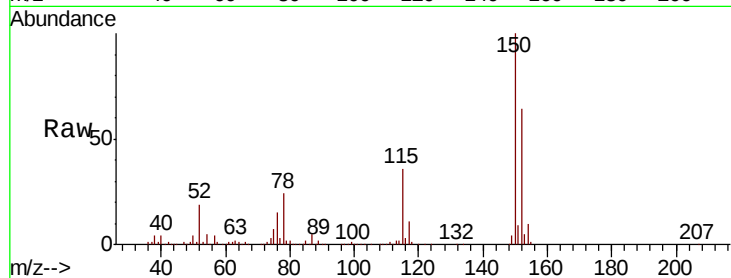
Tot Ion:152 Resp: 550363

Ion Ratio Lower Upper

152 100

115 57.0 28.4 85.2

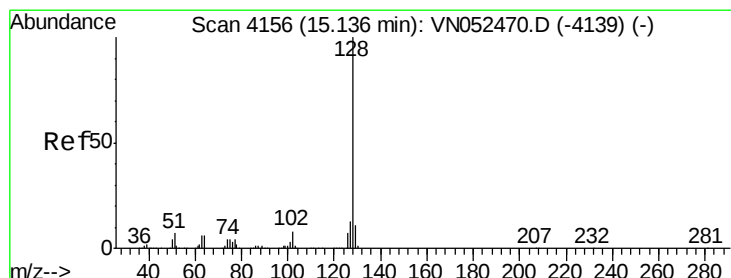
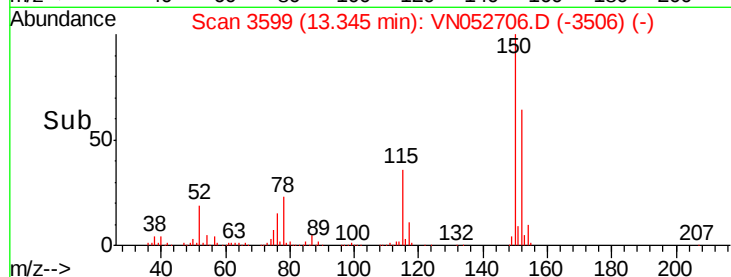
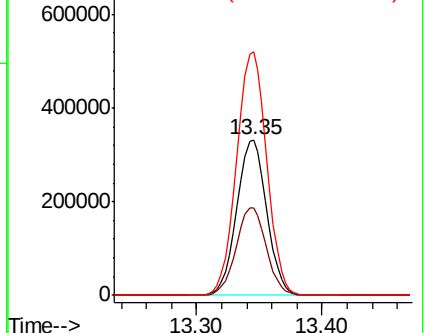
150 157.8 0.0 346.0



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



#95

Naphthalene

Concen: 4.319 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052706.D

Acq: 6 Dec 2018 18:39

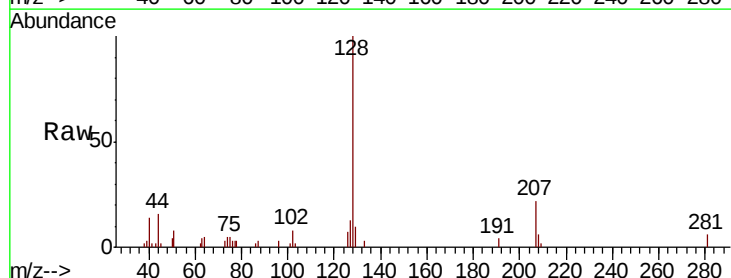
Tgt Ion:128 Resp: 19813

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 10.0 8.7 13.1



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

