

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120618\
 Data File : VN052702.D
 Acq On : 6 Dec 2018 16:20
 Operator : MD\SY
 Sample : J6195-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-120518-A

Quant Time: Dec 07 07:16:07 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

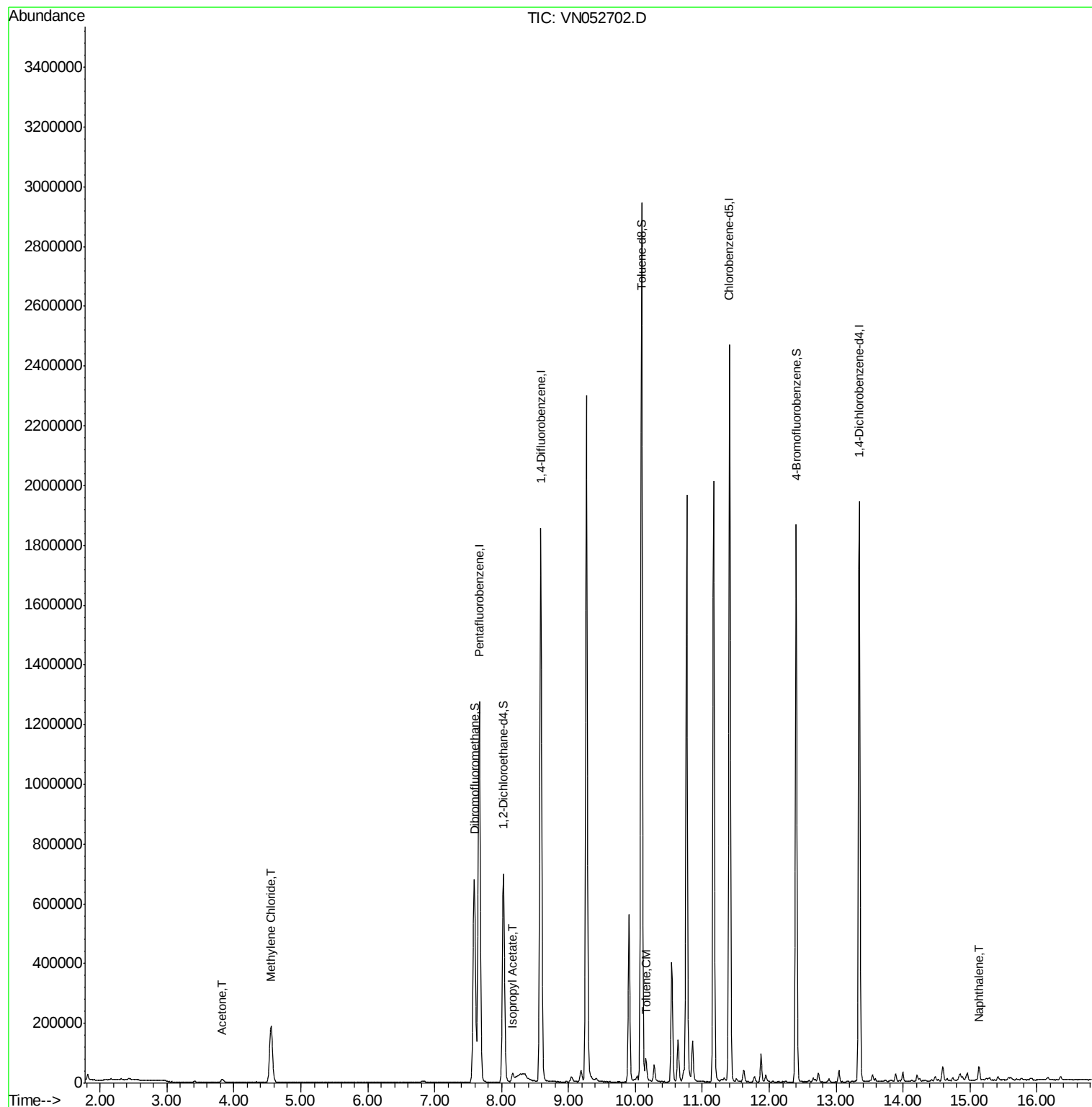
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1099487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1718198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1482121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	544644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	588483	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
35) Dibromofluoromethane	7.59	113	530844	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.22%	
50) Toluene-d8	10.09	98	2104451	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.40	95	634322	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
Target Compounds						
16) Acetone	3.82	43	19468	6.165	ug/l	96
20) Methylene Chloride	4.55	84	144744	11.714	ug/l	99
43) Isopropyl Acetate	8.17	43	37627	2.245	ug/l #	86
52) Toluene	10.16	92	32360	1.126	ug/l	100
95) Naphthalene	15.13	128	41569	5.317	ug/l	99

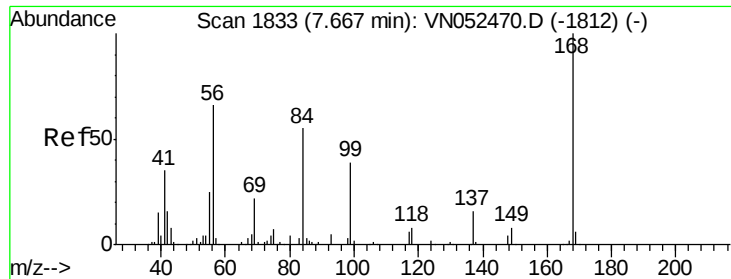
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120618\
Data File : VN052702.D
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Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
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: VN052702.D

Acq: 6 Dec 2018 16:20

Instrument :

MSVOA_N

ClientSampleId :

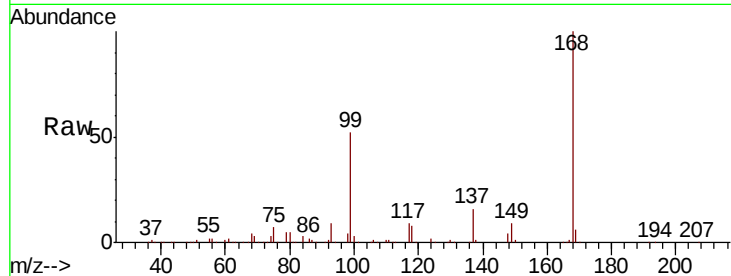
OR-01-120518-A

Tot Ion:168 Resp: 1099487

Ion Ratio Lower Upper

168 100

99 52.4 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

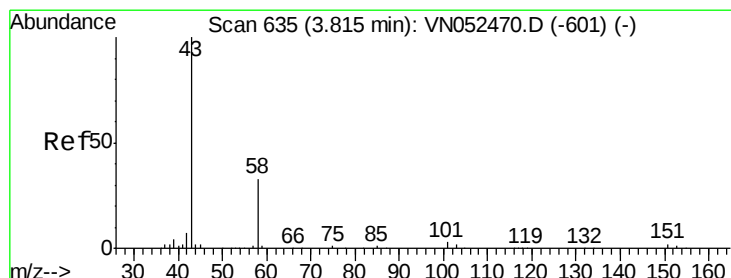
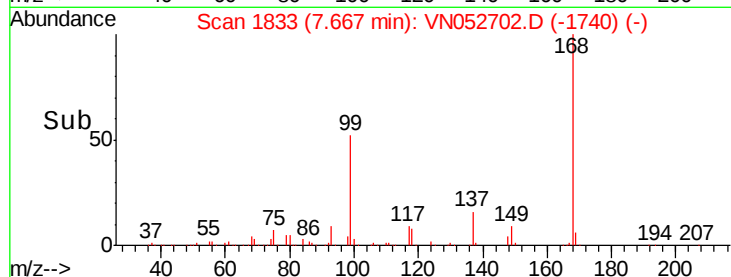
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.165 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052702.D

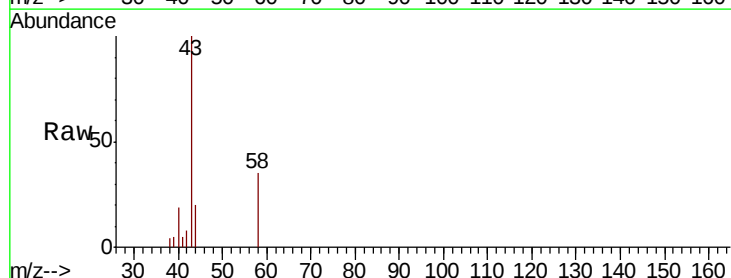
Acq: 6 Dec 2018 16:20

Tgt Ion: 43 Resp: 19468

Ion Ratio Lower Upper

43 100

58 34.9 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

8000

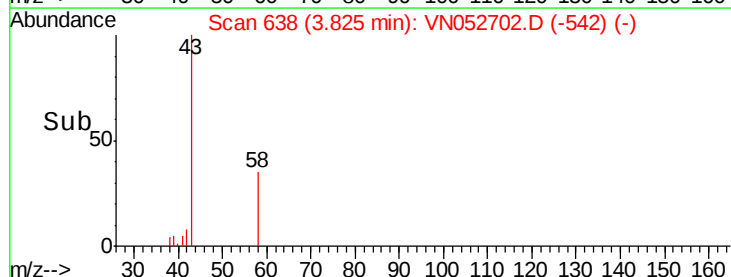
6000

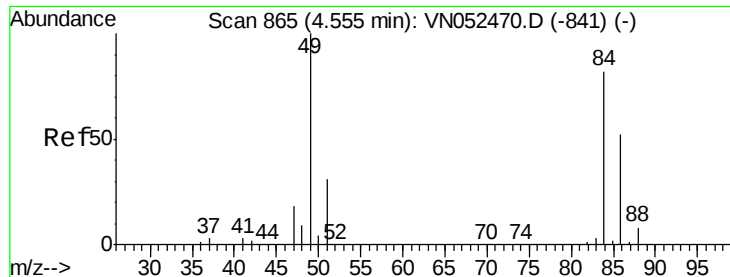
4000

2000

0

Time-->

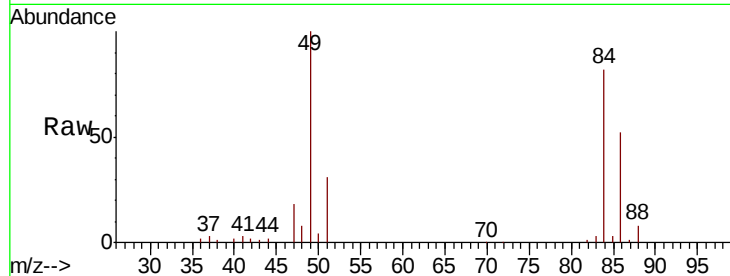




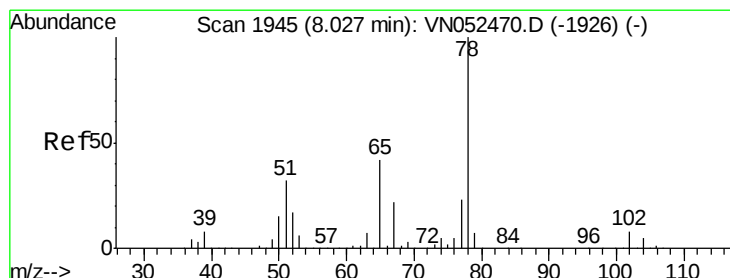
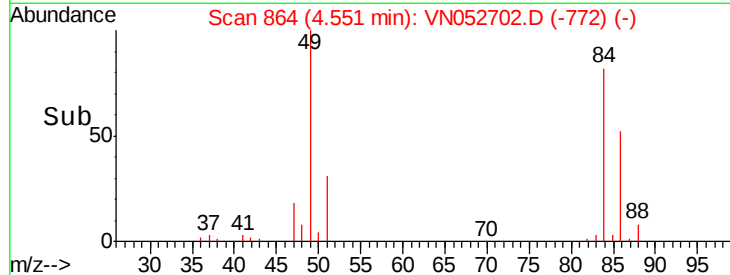
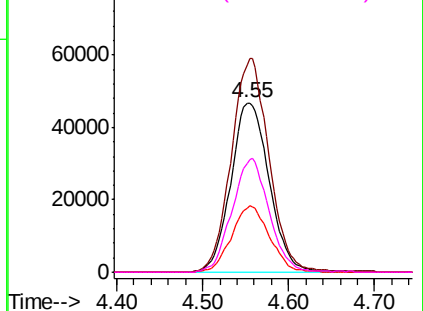
#20
Methylene Chloride
Concen: 11.714 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN052702.D
Acq: 6 Dec 2018 16:20

Instrument :
MSVOA_N
ClientSampleId :
OR-01-120518-A

Tot Ion: 84 Resp: 144744
Ion Ratio Lower Upper
84 100
49 121.9 98.0 147.0
51 38.2 30.1 45.1
86 64.2 50.7 76.1

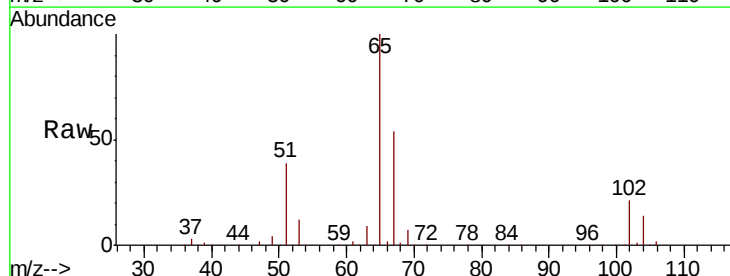


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

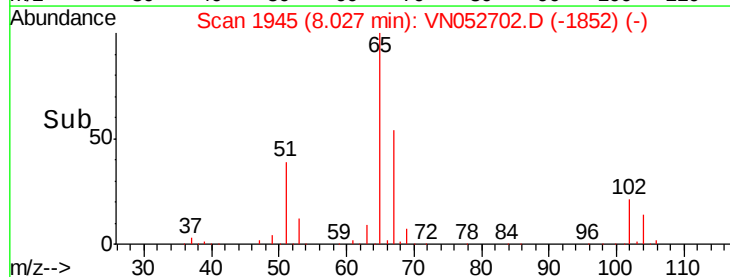
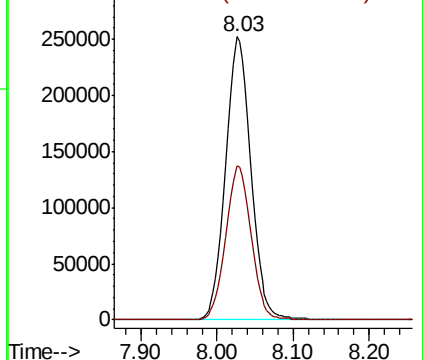


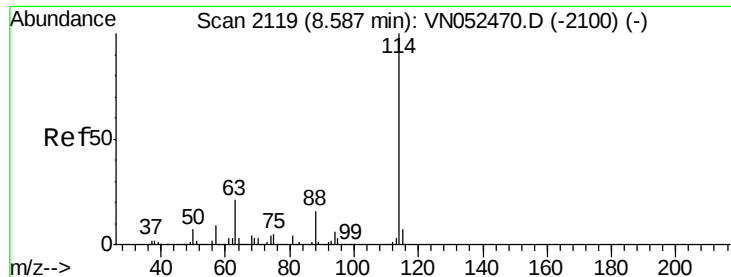
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052702.D
Acq: 6 Dec 2018 16:20

Tgt Ion: 65 Resp: 588483
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.8



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

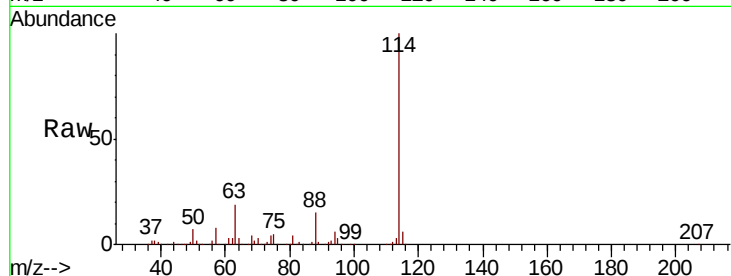




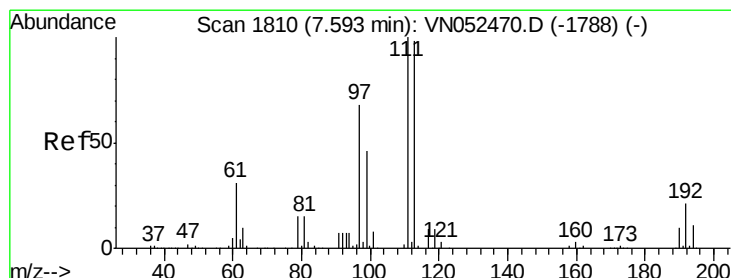
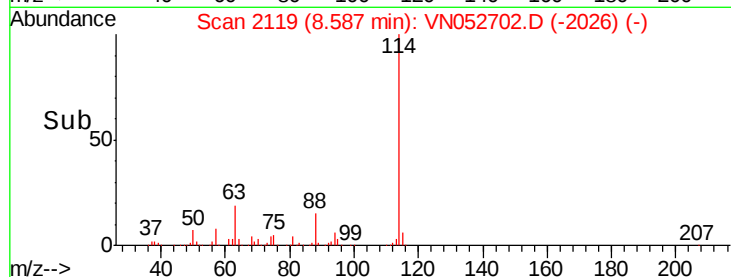
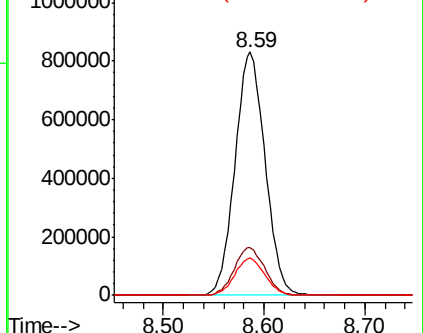
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052702.D
 Acq: 6 Dec 2018 16:20

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-01-120518-A

Tot Ion:114 Resp: 1718198
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.8
 88 15.3 0.0 31.6

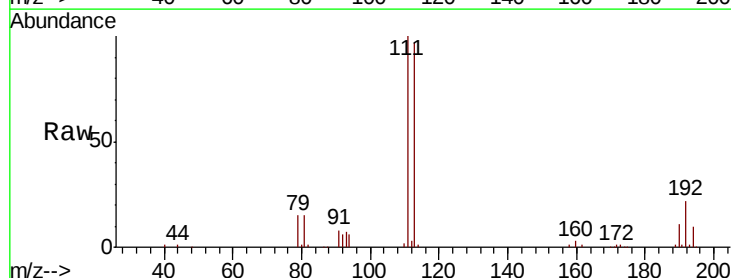


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

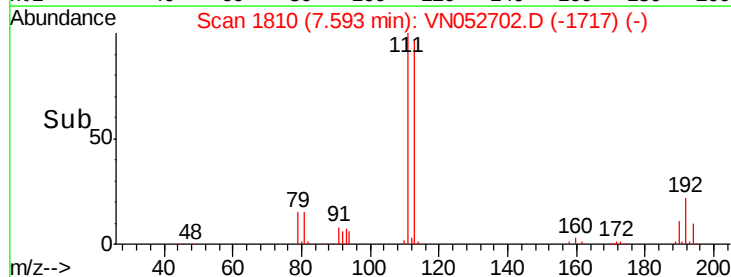
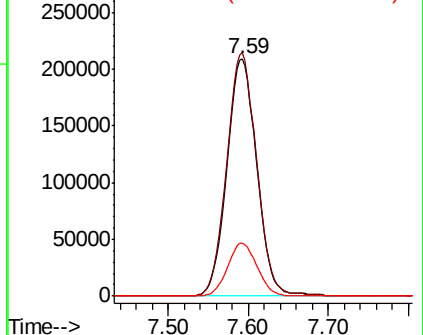


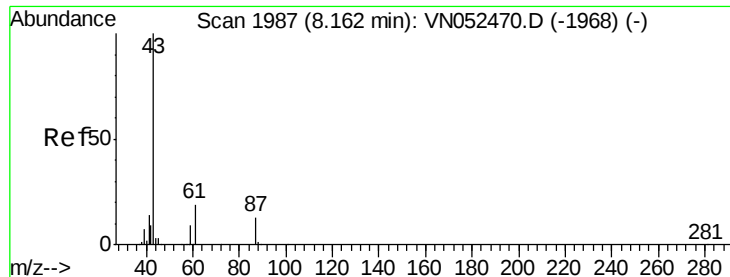
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052702.D
 Acq: 6 Dec 2018 16:20

Tgt Ion:113 Resp: 530844
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.0 123.0
 192 22.2 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: 2.245 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052702.D

Acq: 6 Dec 2018 16:20

Instrument :

MSVOA_N

ClientSampleId :

OR-01-120518-A

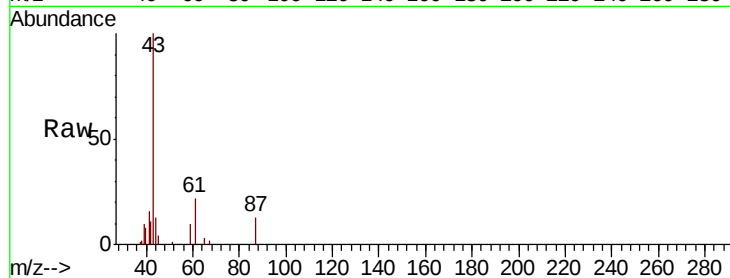
Tot Ion: 43 Resp: 37627

Ion Ratio Lower Upper

43 100

61 20.3 24.1 36.1#

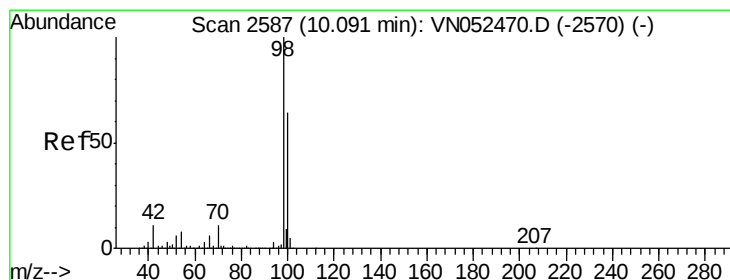
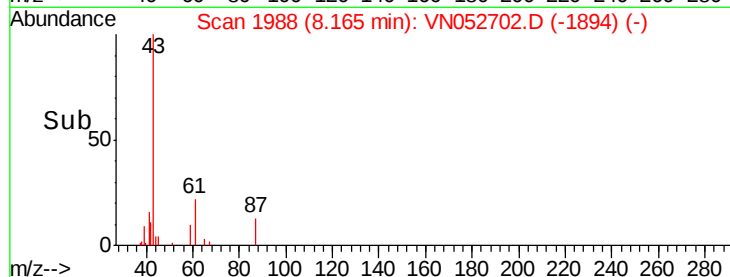
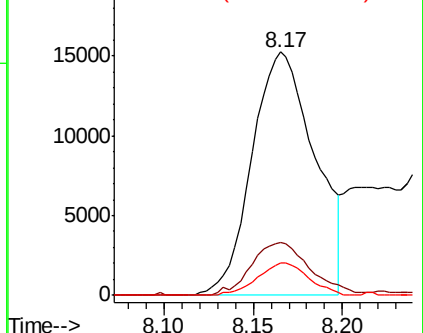
87 10.7 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN052702.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052702.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052702.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052702.D

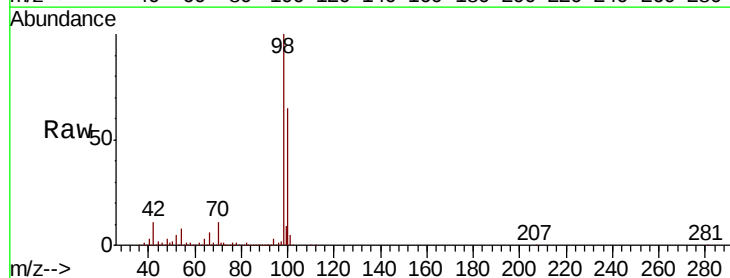
Acq: 6 Dec 2018 16:20

Tgt Ion: 98 Resp: 2104451

Ion Ratio Lower Upper

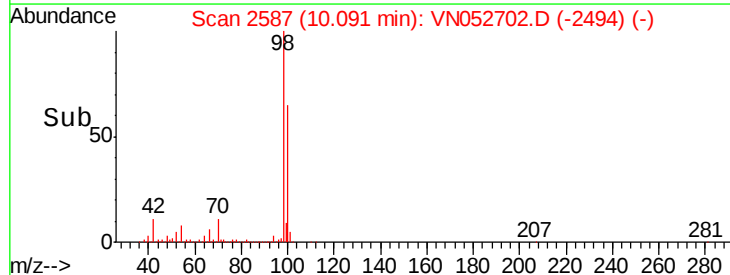
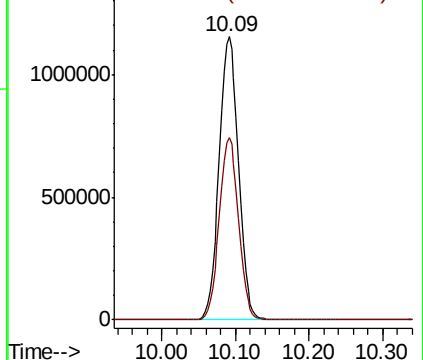
98 100

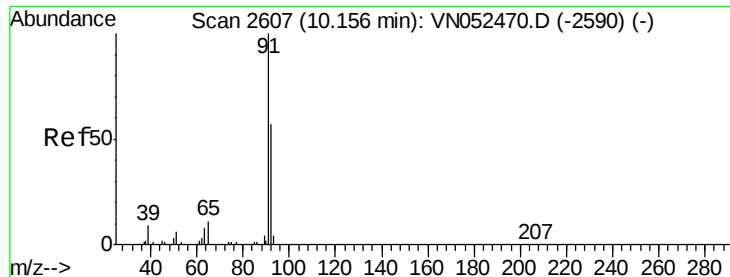
100 64.1 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052702.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052702.D (-2570) (-)





#52

Toluene

Concen: 1.126 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052702.D

Acq: 6 Dec 2018 16:20

Instrument :

MSVOA_N

ClientSampleId :

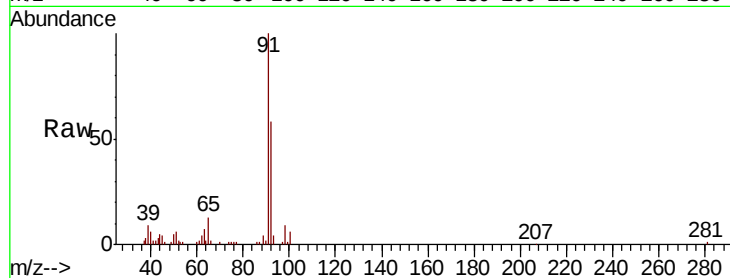
OR-01-120518-A

Tot Ion: 92 Resp: 32360

Ion Ratio Lower Upper

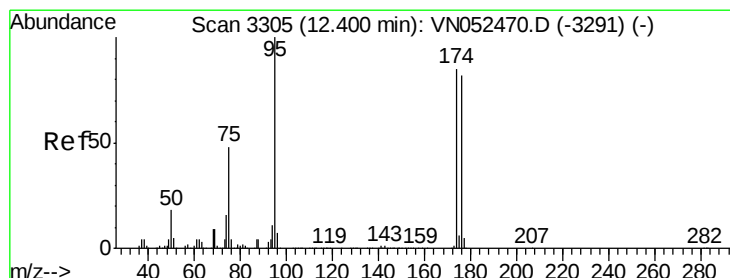
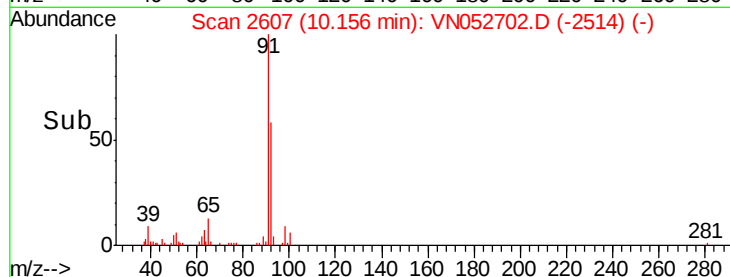
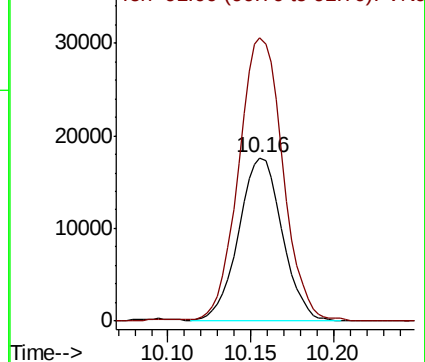
92 100

91 176.0 141.0 211.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052702.D

Acq: 6 Dec 2018 16:20

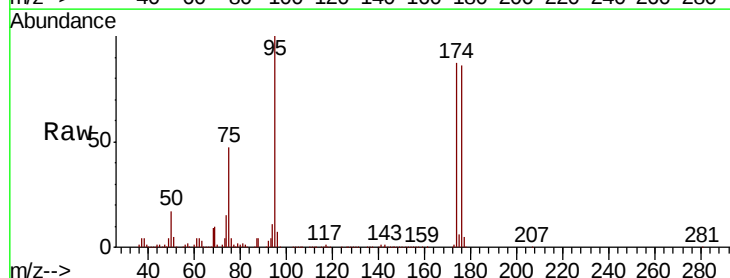
Tgt Ion: 95 Resp: 634322

Ion Ratio Lower Upper

95 100

174 88.2 0.0 173.0

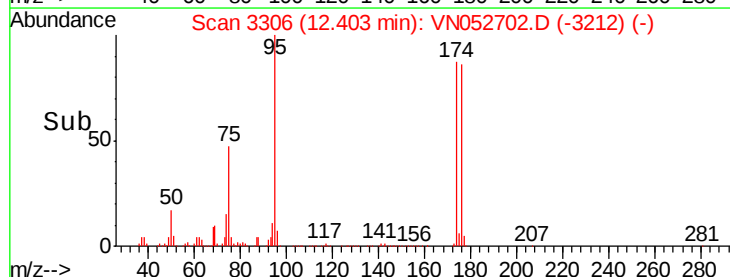
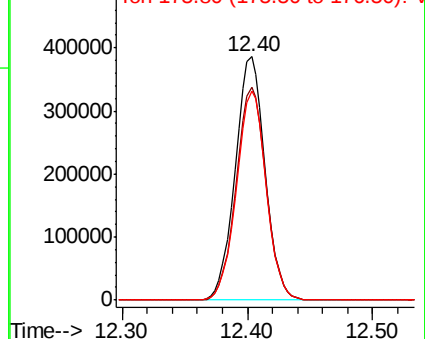
176 85.9 0.0 166.2

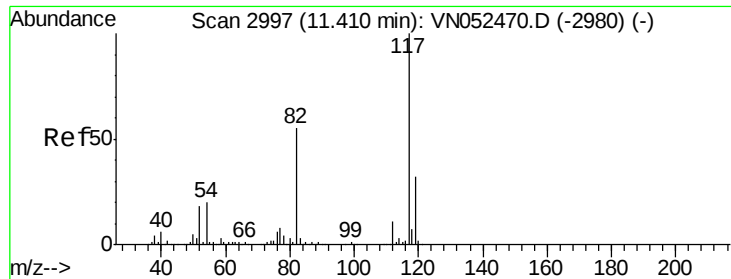


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

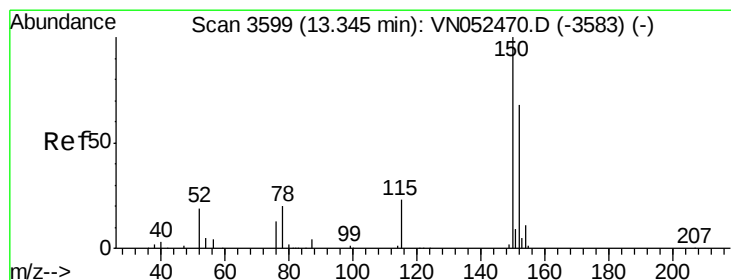
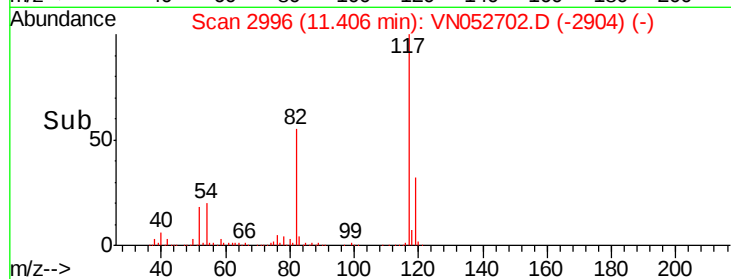
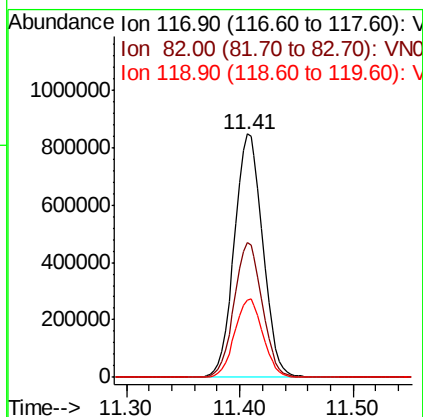
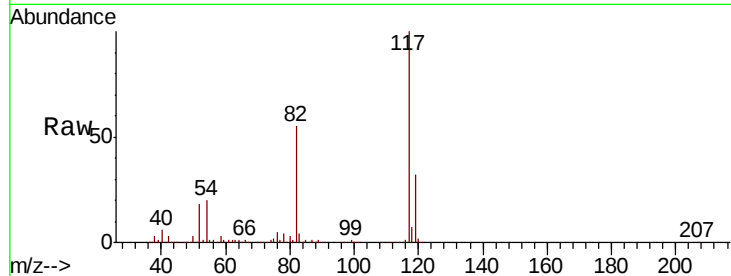




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052702.D
Acq: 6 Dec 2018 16:20

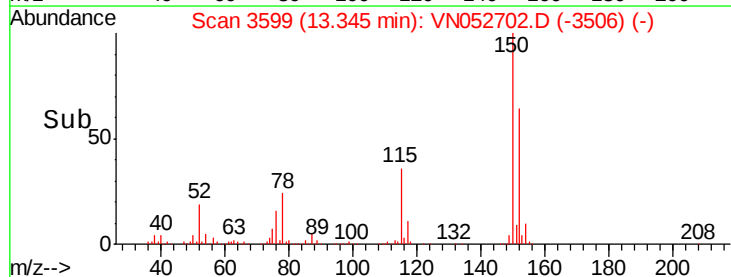
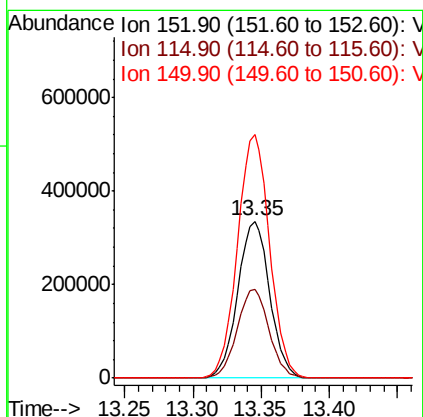
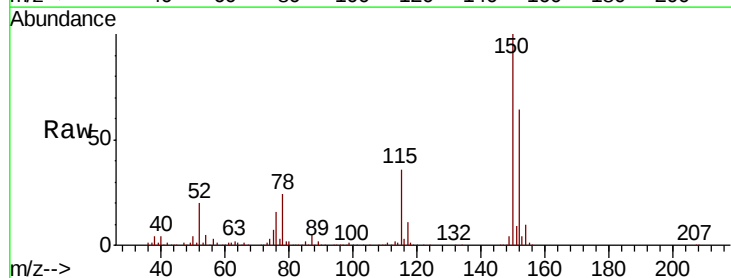
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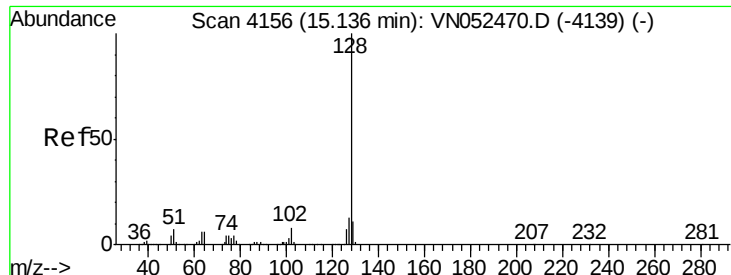
Tot Ion:117 Resp: 1482121
Ion Ratio Lower Upper
117 100
82 55.3 43.6 65.4
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052702.D
Acq: 6 Dec 2018 16:20

Tgt Ion:152 Resp: 544644
Ion Ratio Lower Upper
152 100
115 56.5 28.4 85.2
150 156.5 0.0 346.0

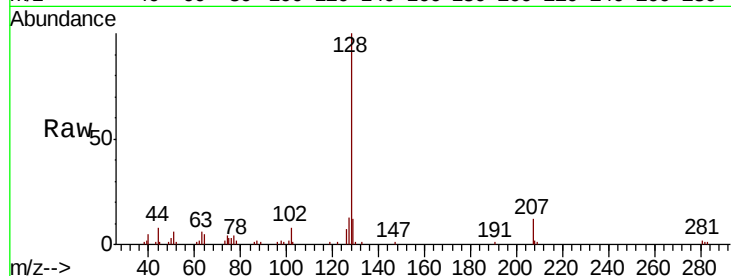




#95
Naphthalene
Concen: 5.317 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052702.D
Acq: 6 Dec 2018 16:20

Instrument :
MSVOA_N
ClientSampleId :
OR-01-120518-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.2
129	11.0	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

