

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081518\
 Data File : VN050683.D
 Acq On : 16 Aug 2018 4:01
 Operator : MD\SY
 Sample : J4471-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Aug 16 05:24:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	598100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1002637	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	863453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	309007	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	415700	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.28%	
35) Dibromofluoromethane	7.59	113	388881	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	10.09	98	1378318	45.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.50%	
62) 4-Bromofluorobenzene	12.40	95	381130	38.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.58%	

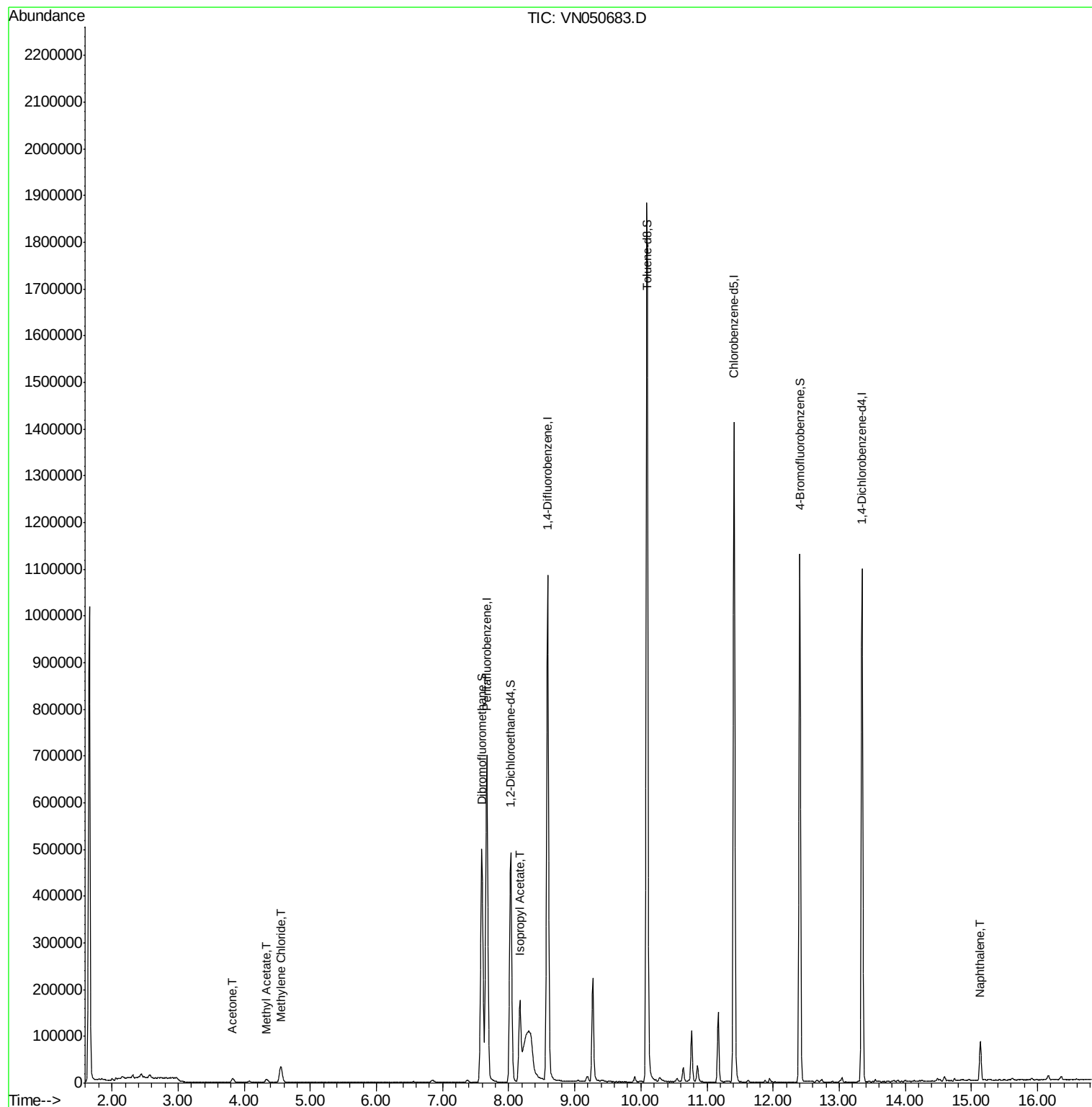
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	15216	6.67	ug/l	99
18) Methyl Acetate	4.33	43	13461	1.58	ug/l	98
20) Methylene Chloride	4.55	84	27244	2.60	ug/l	96
43) Isopropyl Acetate	8.17	43	218035	18.96	ug/l	98
95) Naphthalene	15.13	128	76660	9.81	ug/l	100

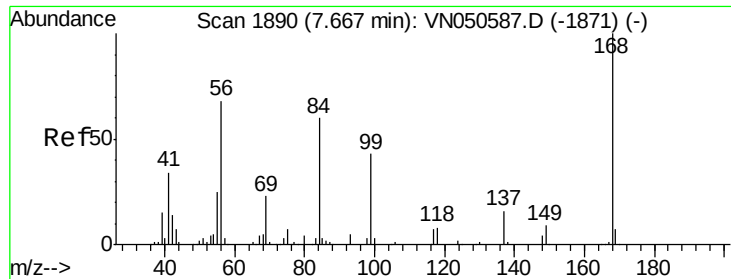
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050683.D

Acq: 16 Aug 2018 4:01

Instrument :

MSVOA_N

ClientSampleId :

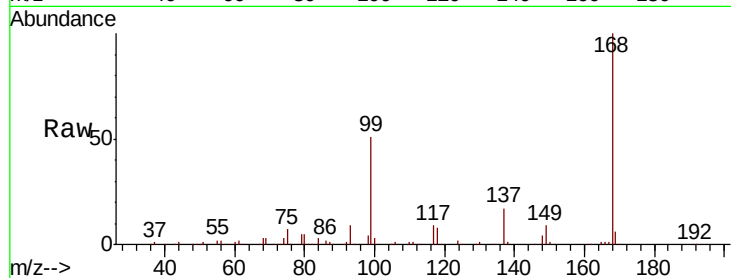
TP-4

Tot Ion:168 Resp: 598100

Ion Ratio Lower Upper

168 100

99 50.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

250000

200000

150000

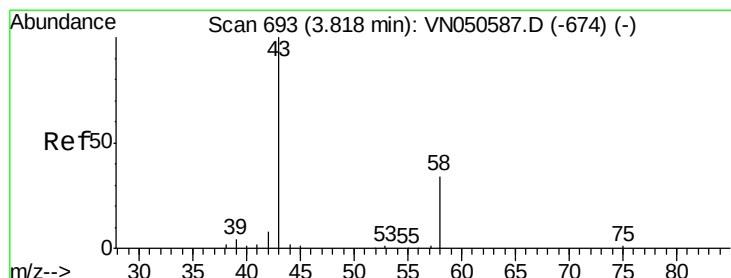
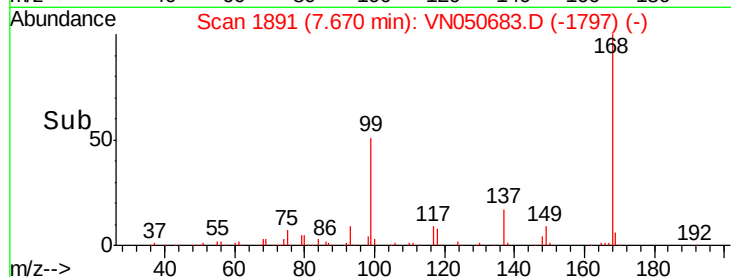
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 6.67 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN050683.D

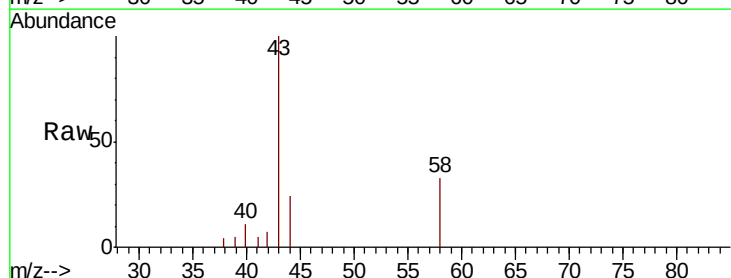
Acq: 16 Aug 2018 4:01

Tgt Ion: 43 Resp: 15216

Ion Ratio Lower Upper

43 100

58 33.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN050587.D (-674) (-)

3.82

6000

5000

4000

3000

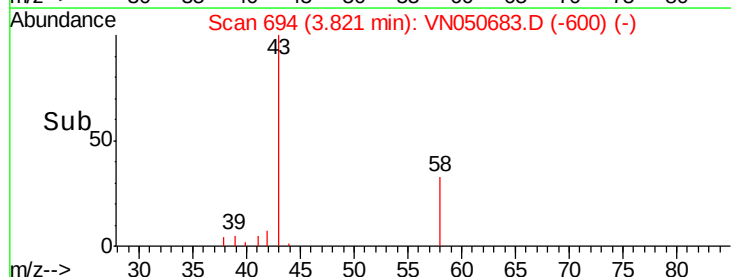
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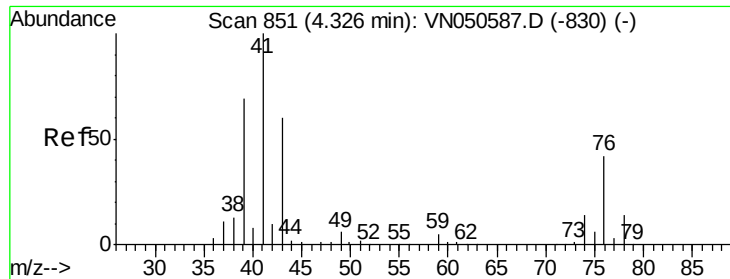
1000

0

3.75 3.80 3.85 3.90

Time-->

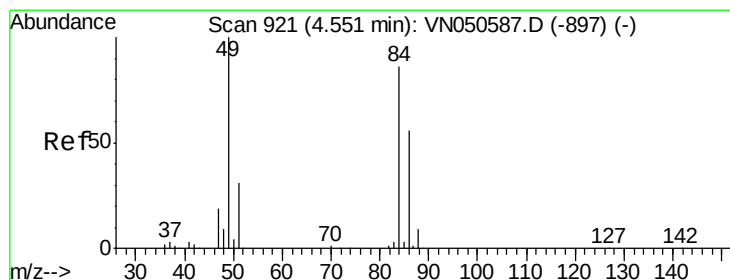
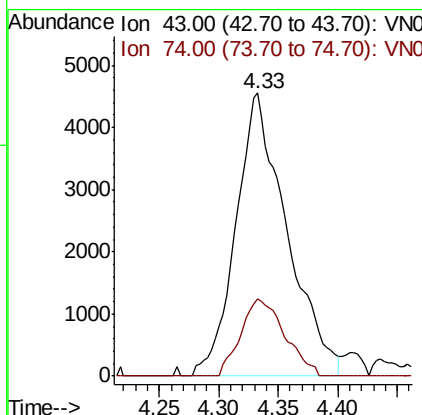
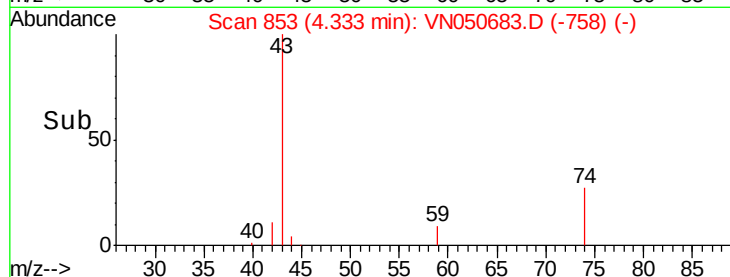
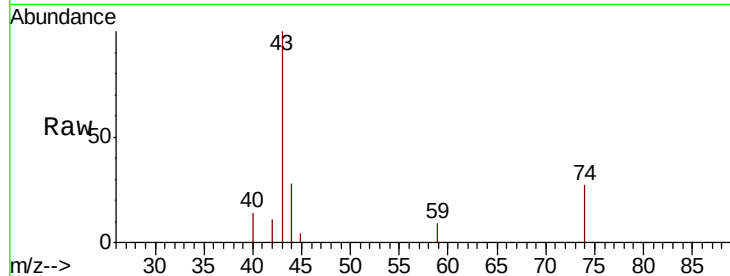




#18
Methvl Acetate
Concen: 1.58 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN050683.D
Acq: 16 Aug 2018 4:01

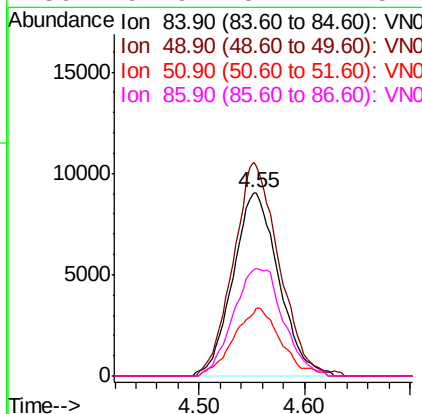
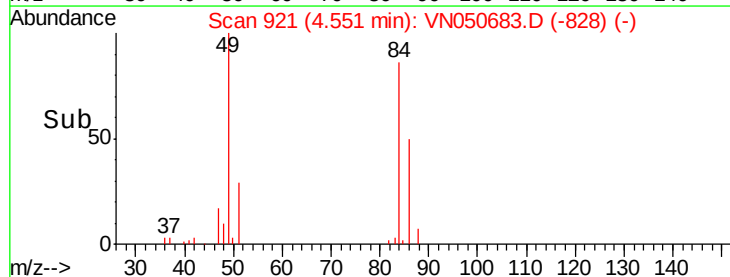
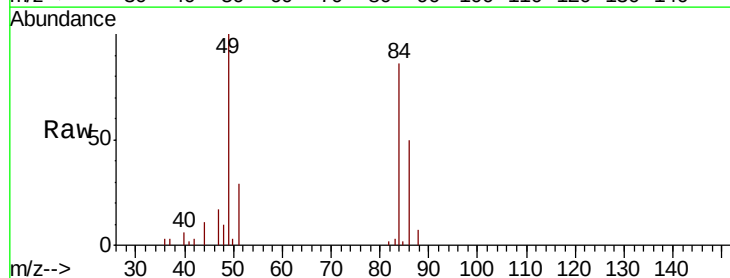
Instrument :
MSVOA_N
ClientSampled :
TP-4

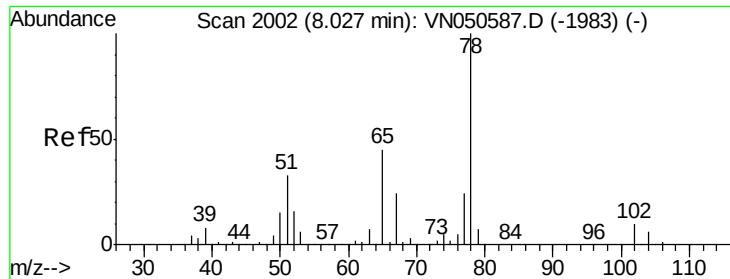
Tot Ion: 43 Resp: 13461
Ion Ratio Lower Upper
43 100
74 23.6 19.7 29.5



#20
Methylene Chloride
Concen: 2.60 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050683.D
Acq: 16 Aug 2018 4:01

Tgt Ion: 84 Resp: 27244
Ion Ratio Lower Upper
84 100
49 116.6 92.6 138.8
51 34.0 28.6 43.0
86 57.9 52.2 78.2

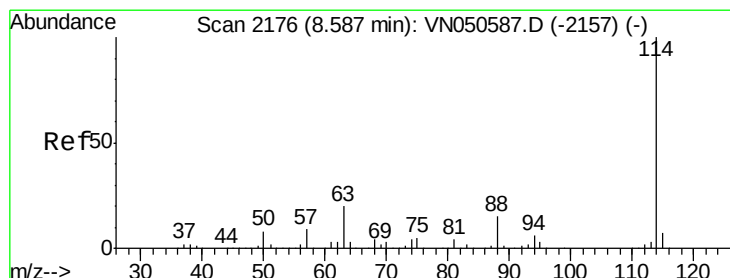
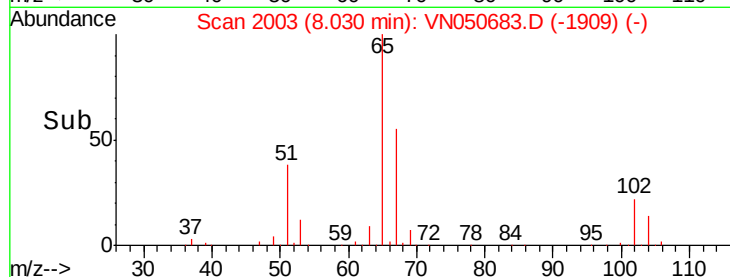
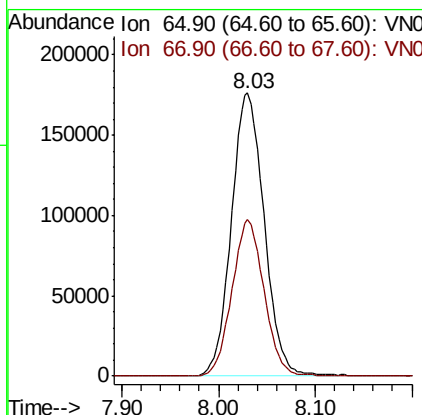
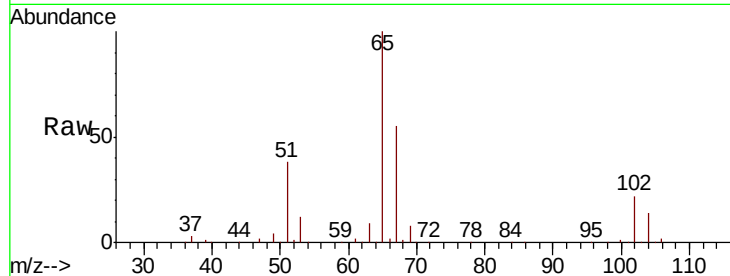




#33
 1,2-Dichloroethane-d4
 Concen: 55.14 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050683.D
 Acq: 16 Aug 2018 4:01

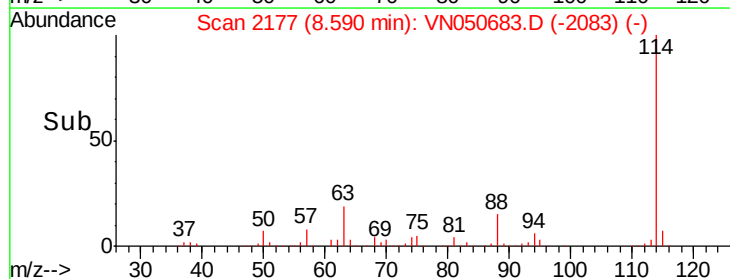
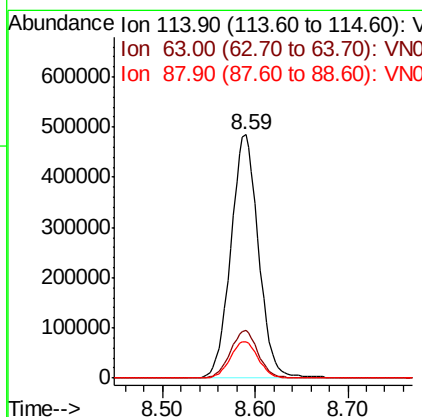
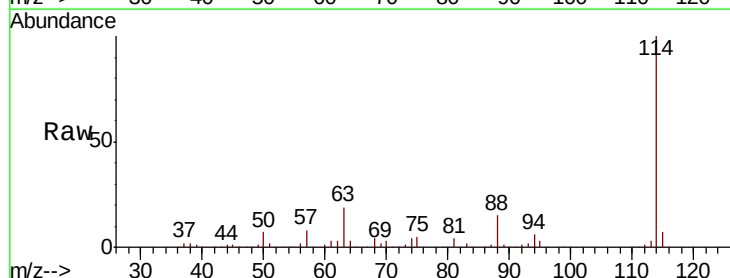
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

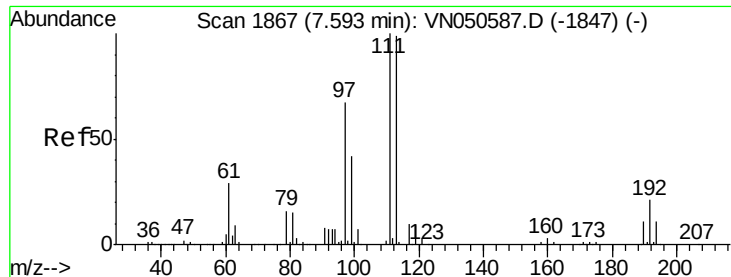
Tot Ion: 65 Resp: 415700
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050683.D
 Acq: 16 Aug 2018 4:01

Tgt Ion: 114 Resp: 1002637
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.0 0.0 30.8

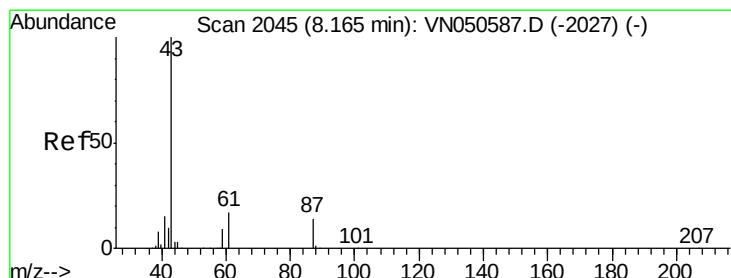
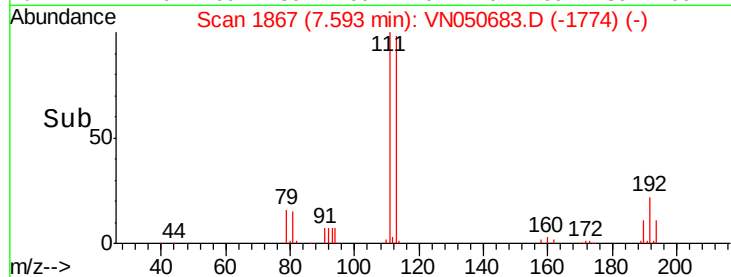
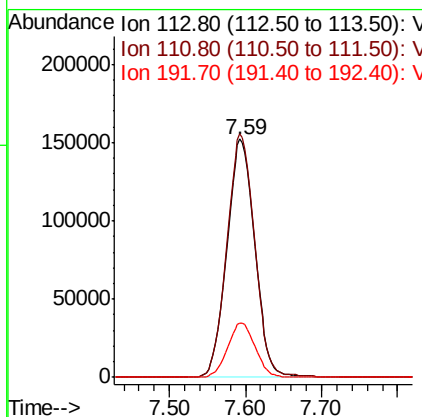
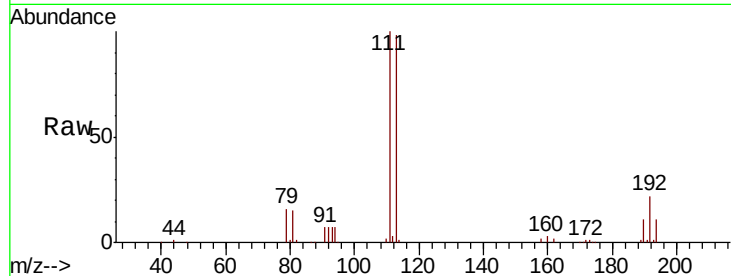




#35
 Dibromofluoromethane
 Concen: 48.58 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050683.D
 Acq: 16 Aug 2018 4:01

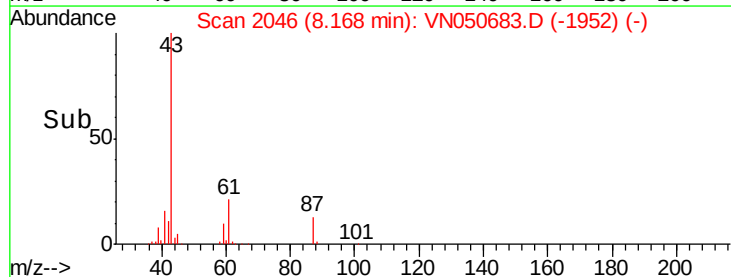
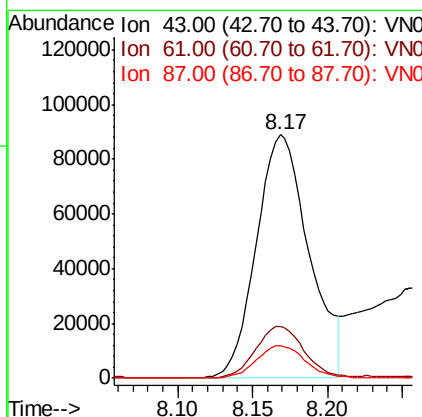
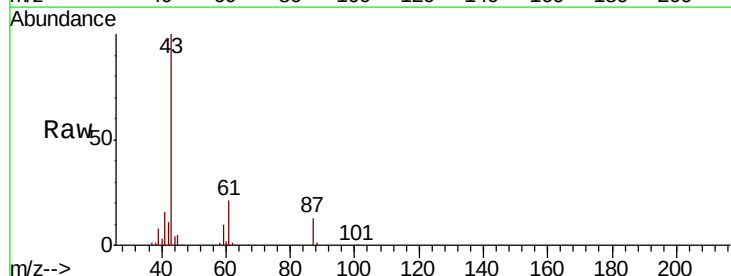
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

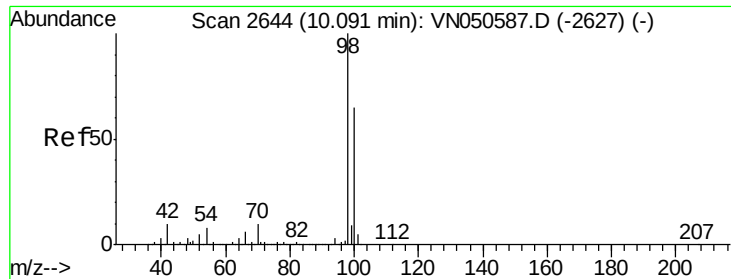
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.0	121.6
192	22.4	17.6	26.4



#43
 Isopropyl Acetate
 Concen: 18.96 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050683.D
 Acq: 16 Aug 2018 4:01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.4	16.2	24.2
87	12.3	10.9	16.3

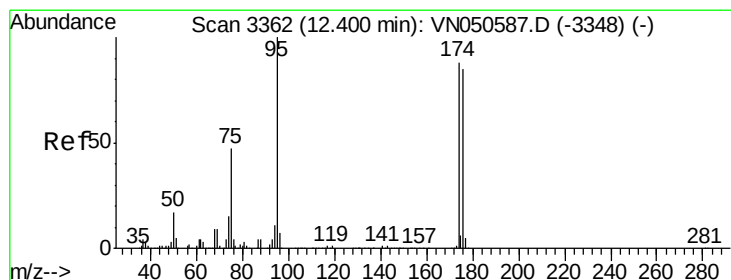
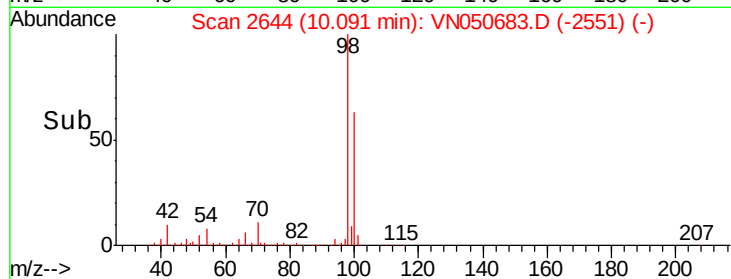
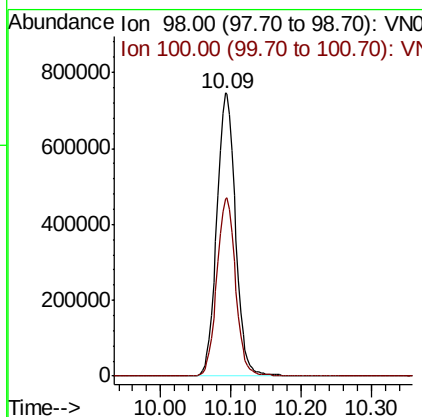
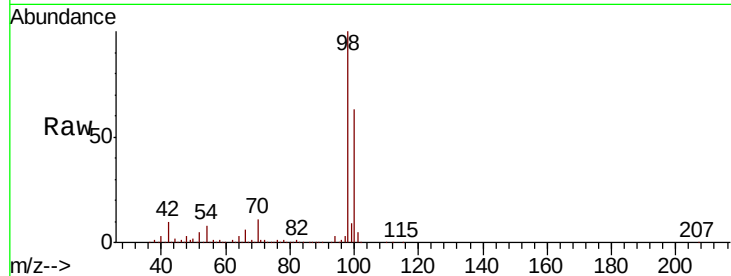




#50
Toluene-d8
Concen: 45.75 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050683.D
Acq: 16 Aug 2018 4:01

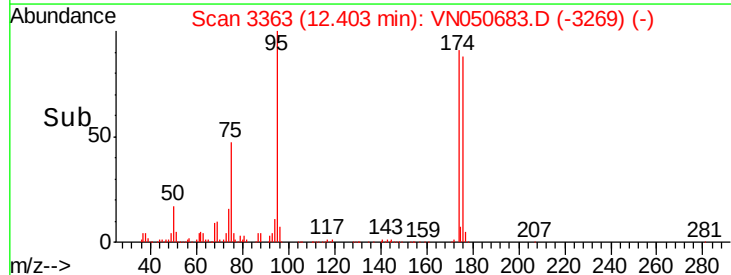
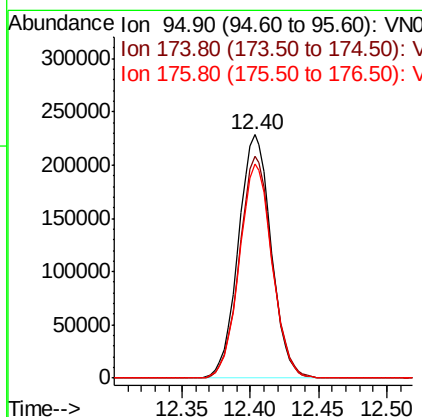
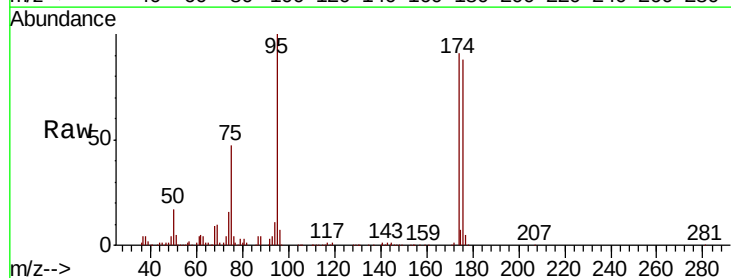
Instrument :
MSVOA_N
ClientSampleId :
TP-4

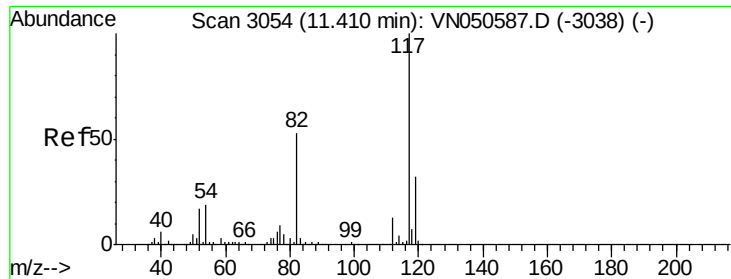
Tot Ion: 98 Resp: 1378318
Ion Ratio Lower Upper
98 100
100 63.0 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 38.29 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050683.D
Acq: 16 Aug 2018 4:01

Tgt Ion: 95 Resp: 381130
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.8
176 87.7 0.0 175.0

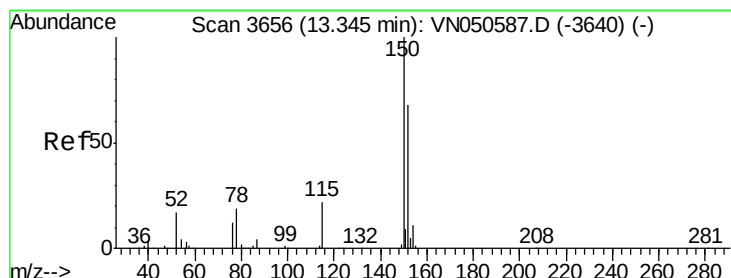
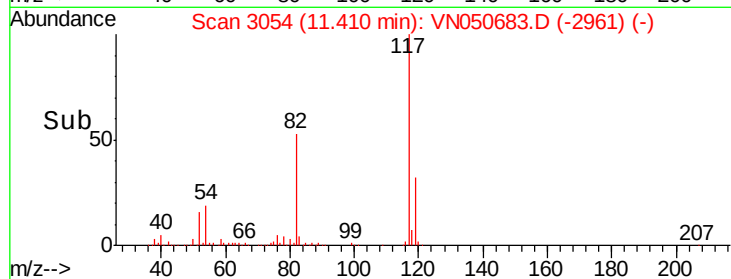
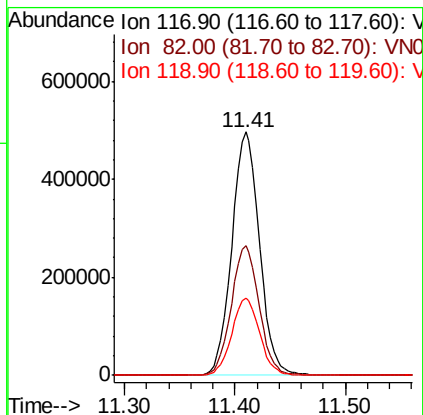
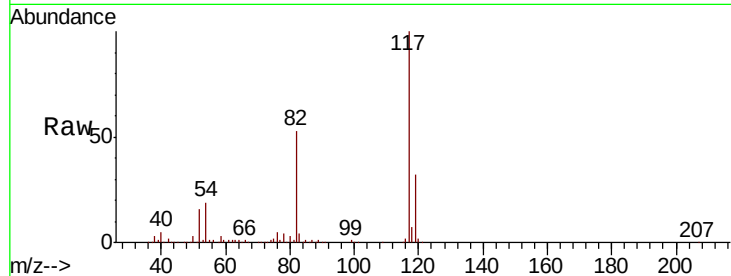




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050683.D
Acq: 16 Aug 2018 4:01

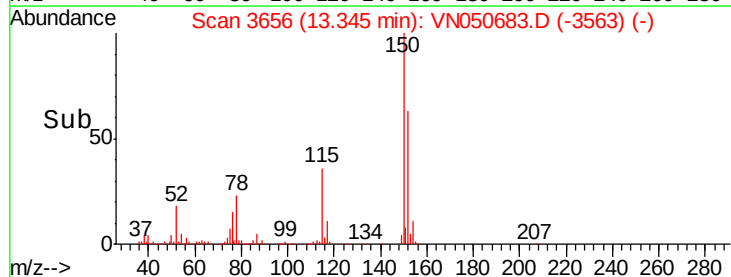
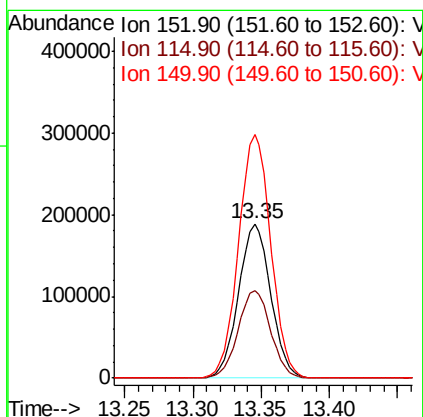
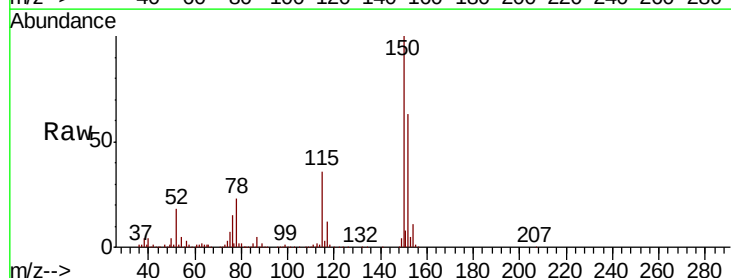
Instrument :
MSVOA_N
ClientSampleId :
TP-4

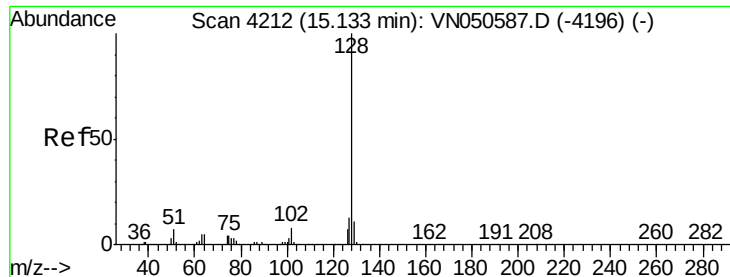
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.4	63.6
119	31.7	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050683.D
Acq: 16 Aug 2018 4:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.1	84.2
150	158.2	0.0	347.8





#95

Naphthalene

Concen: 9.81 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN050683.D

Acq: 16 Aug 2018 4:01

Instrument :

MSVOA_N

ClientSampleId :

TP-4

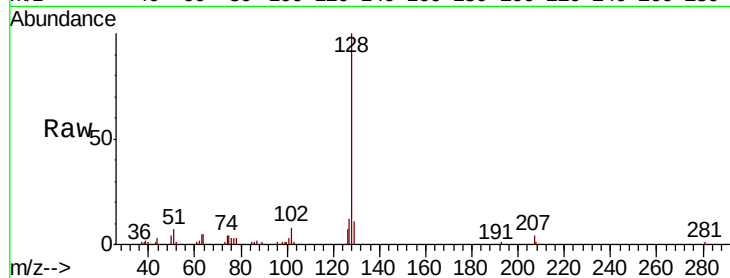
Tot Ion:128 Resp: 76660

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.5 8.5 12.7



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

