

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
 Data File : VN049998.D
 Acq On : 21 Jul 2018 8:42
 Operator : MD\SY
 Sample : J3820-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-01-071918

Manual Integrations
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MMDadoda
 7/23/2018 2:04:32 PM

Quant Time: Jul 23 01:15:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 01:58:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	577006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	972390	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	797160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	283844	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	418363	52.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.50%	
35) Dibromofluoromethane	7.59	113	366752	44.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.86%	
50) Toluene-d8	10.09	98	1295742	43.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.12%	
62) 4-Bromofluorobenzene	12.40	95	342339	33.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.84%	
Target Compounds						
16) Acetone	3.83	43	29748	14.49	ug/l	Qvalue 100
18) Methyl Acetate	4.33	43	25015	3.10	ug/l	96
20) Methylene Chloride	4.55	84	52189	6.68	ug/l	98
25) 2-Butanone	6.85	43	12622	4.30	ug/l	99
29) Tetrahydrofuran	7.23	42	7081m	3.83	ug/l	
43) Isopropyl Acetate	8.17	43	256703	19.79	ug/l	95
59) 2-Hexanone	10.77	43	15993	3.28	ug/l #	61
95) Naphthalene	15.14	128	23488	6.08	ug/l	99

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

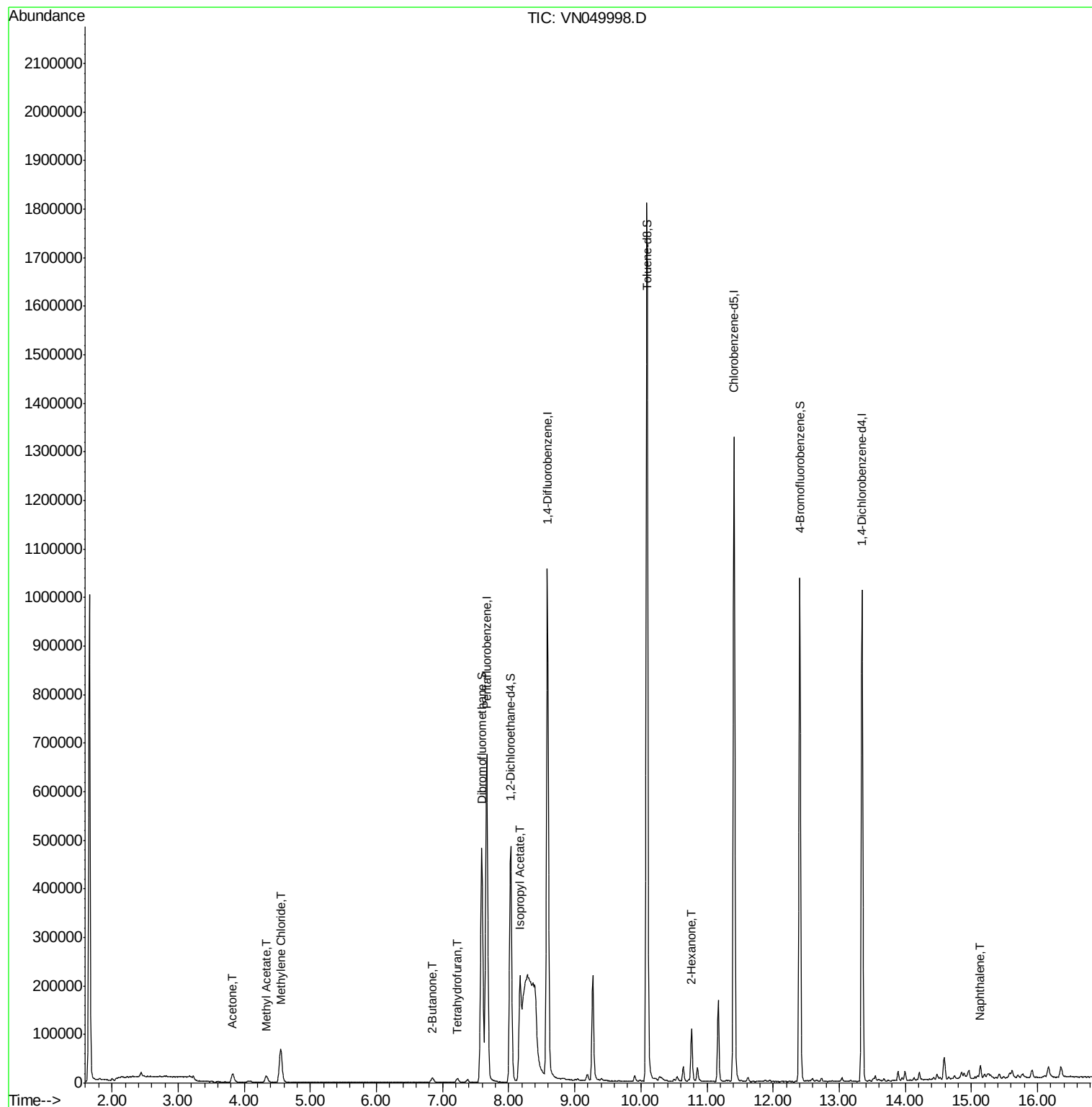
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072018\
Data File : VN049998.D
Acq On : 21 Jul 2018 8:42
Operator : MD\SY
Sample : J3820-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 46 Sample Multiplier: 1

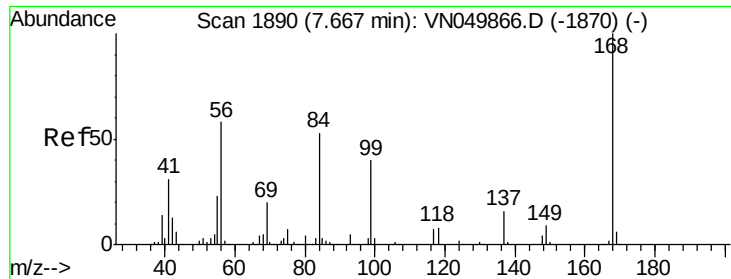
Instrument :
MSVOA_N
ClientSampleId :
BU-01-071918

Manual Integrations
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Quant Time: Jul 23 01:15:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 01:58:39 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049998.D

Acq: 21 Jul 2018 8:42

Instrument :

MSVOA_N

ClientSampled :

BU-01-071918

Tot Ion:168 Resp: 577006

Ion Ratio Lower Upper

168 100

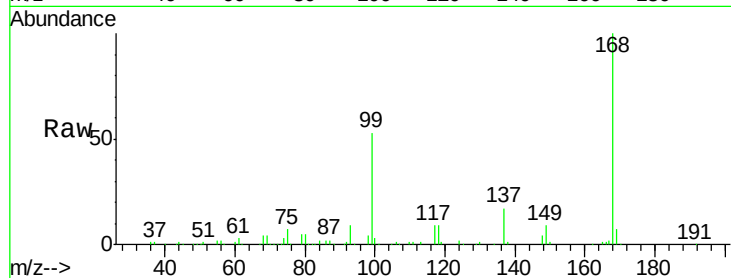
99 53.3 40.6 61.0

Manual Integrations

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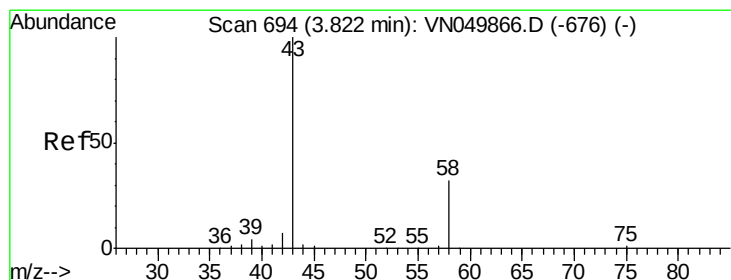
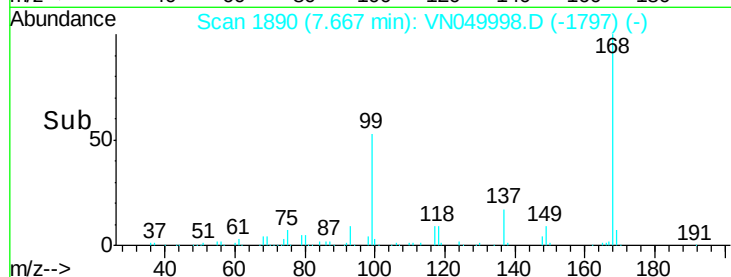
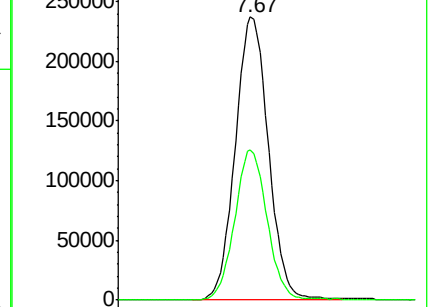
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 14.49 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049998.D

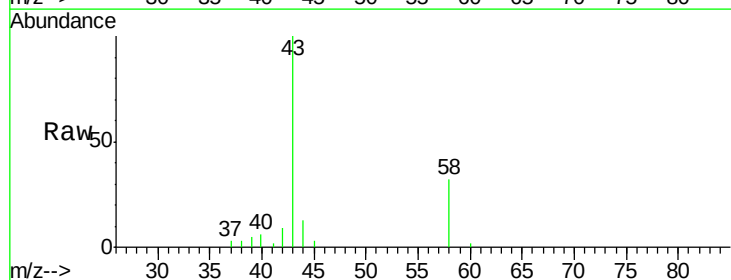
Acq: 21 Jul 2018 8:42

Tgt Ion: 43 Resp: 29748

Ion Ratio Lower Upper

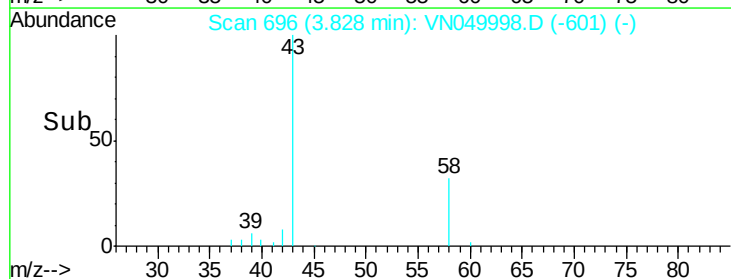
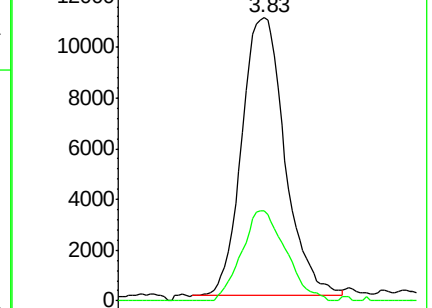
43 100

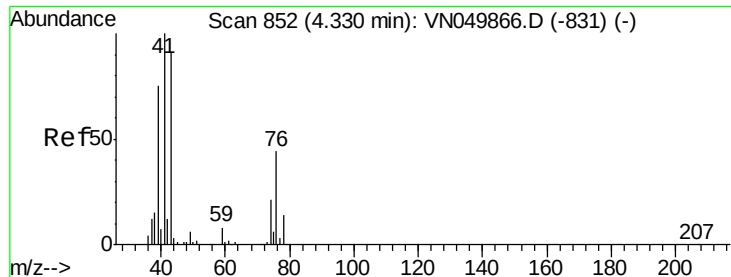
58 32.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





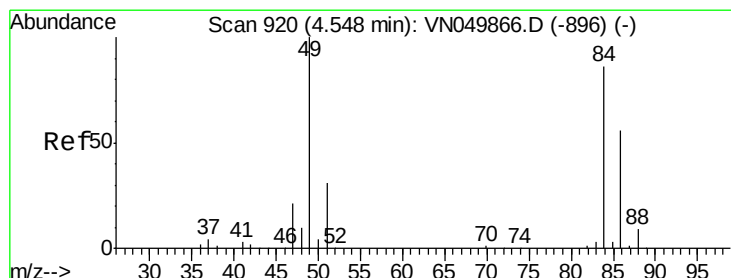
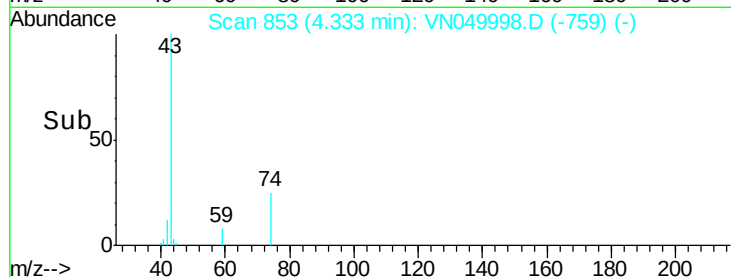
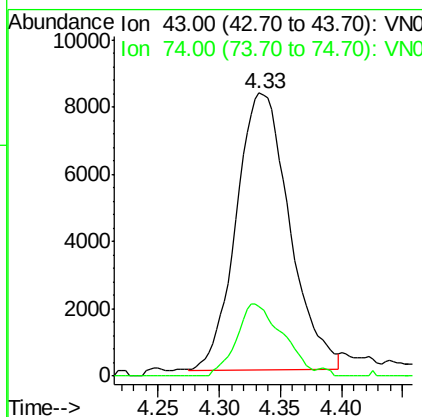
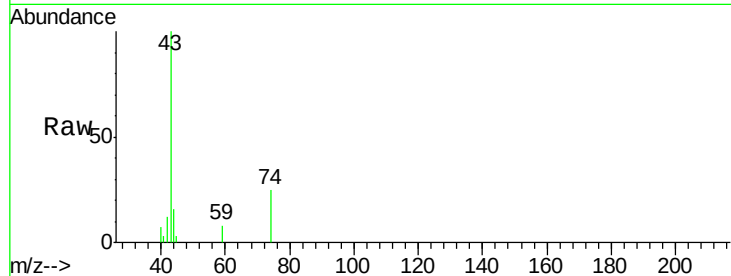
#18
Methvl Acetate
Concen: 3.10 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049998.D
Acq: 21 Jul 2018 8:42

Instrument :
MSVOA_N
ClientSampled :
BU-01-071918

Tot Ion: 43 Resp: 25015
Ion Ratio Lower Upper
43 100
74 22.6 19.8 29.8

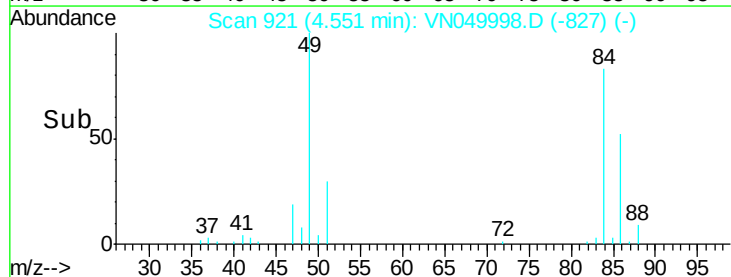
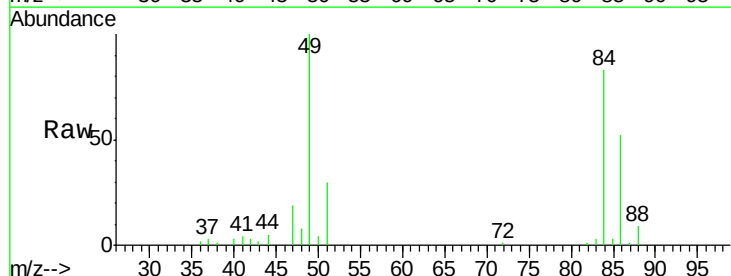
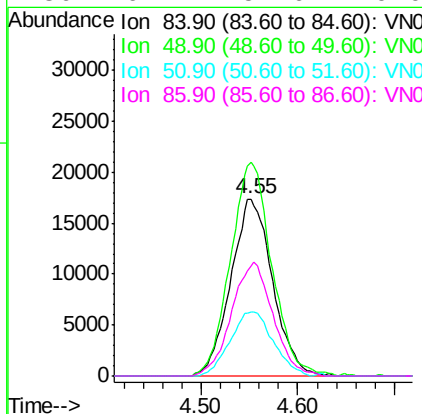
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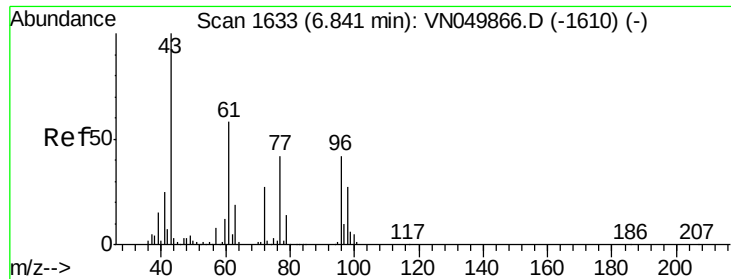
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#20
Methylene Chloride
Concen: 6.68 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049998.D
Acq: 21 Jul 2018 8:42

Tgt Ion: 84 Resp: 52189
Ion Ratio Lower Upper
84 100
49 120.8 95.4 143.2
51 36.0 28.4 42.6
86 62.4 52.6 79.0





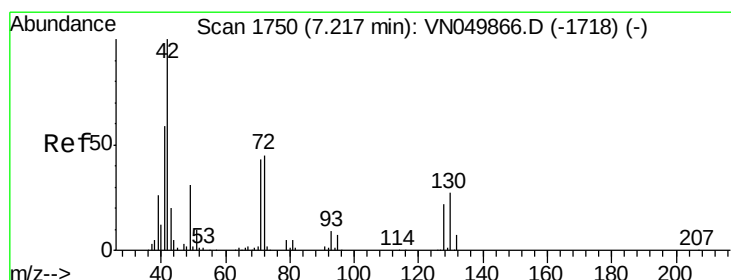
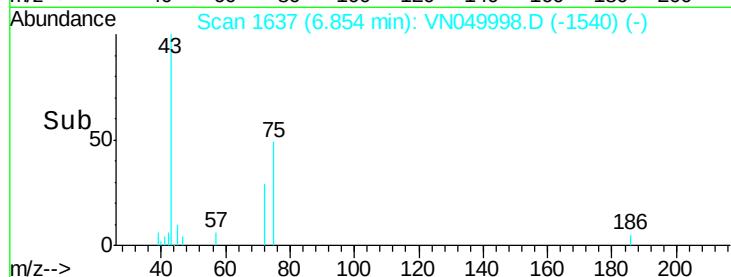
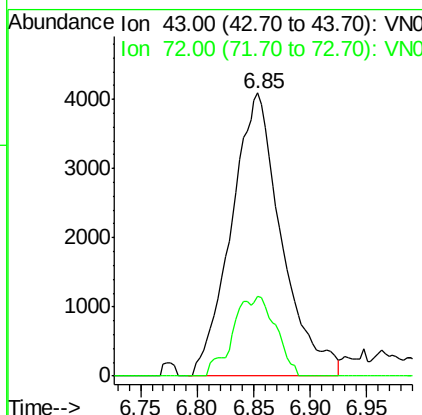
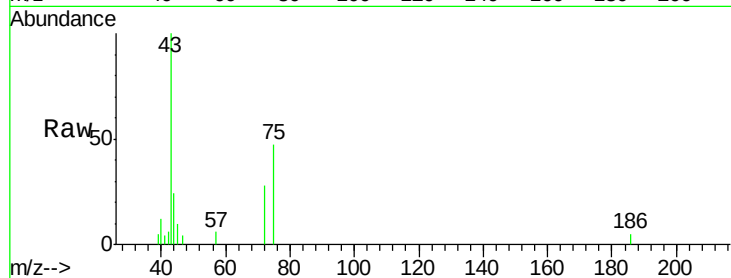
#25
2-Butanone
Concen: 4.30 ug/l
RT: 6.85 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VN049998.D
Acq: 21 Jul 2018 8:42

Instrument :
MSVOA_N
ClientSampled :
BU-01-071918

Tot Ion: 43 Resp: 12622
Ion Ratio Lower Upper
43 100
72 28.2 22.1 33.1

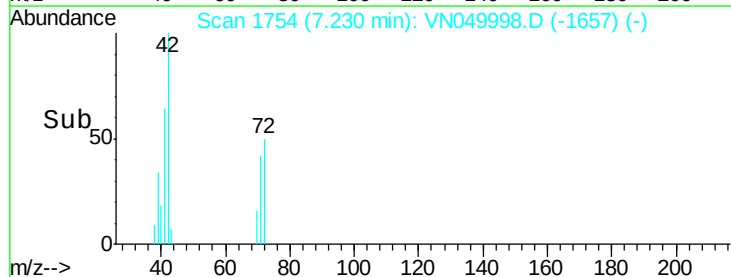
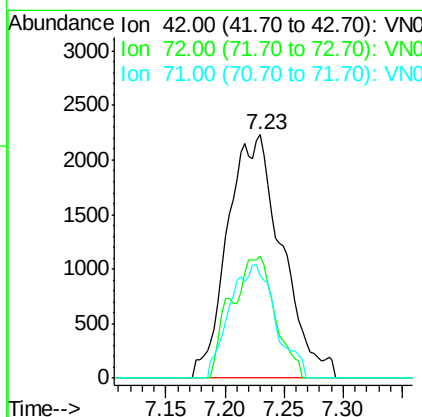
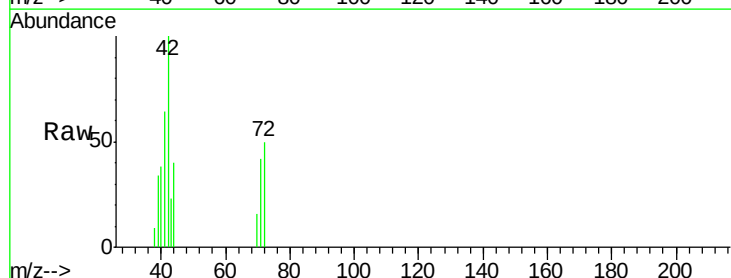
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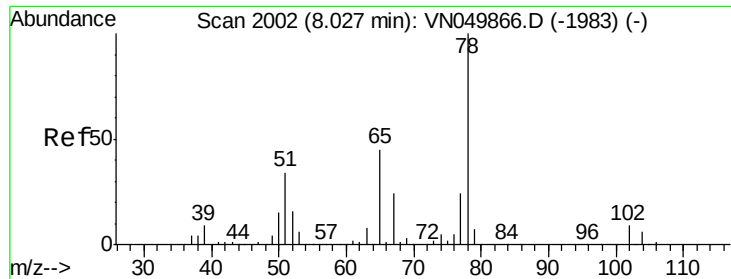
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#29
Tetrahydrofuran
Concen: 3.83 ug/l m
RT: 7.23 min Scan# 1754
Delta R.T. 0.01 min
Lab File: VN049998.D
Acq: 21 Jul 2018 8:42

Tgt Ion: 42 Resp: 7081
Ion Ratio Lower Upper
42 100
72 29.6 35.6 53.4#
71 39.2 34.0 51.0





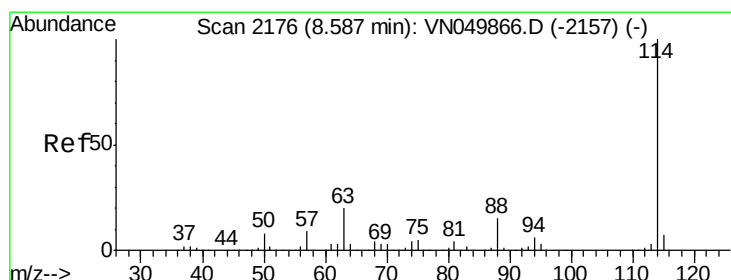
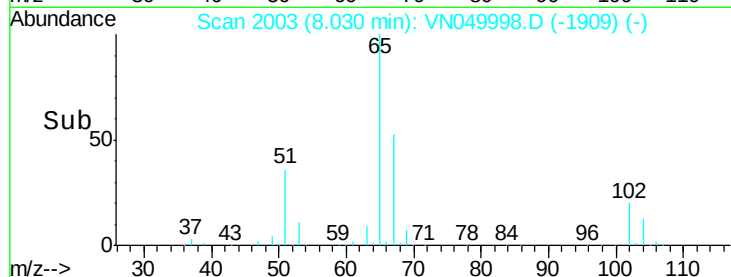
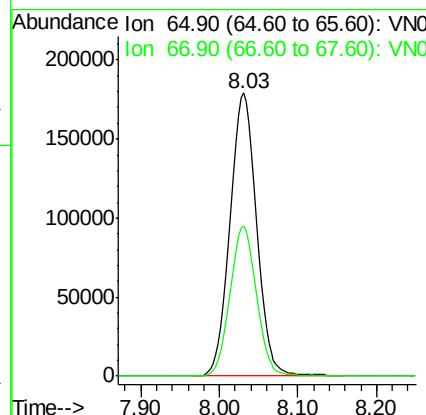
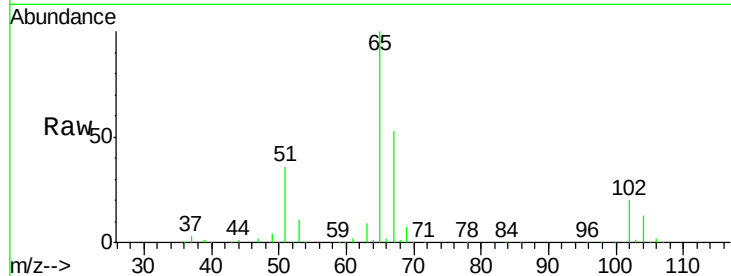
#33
 1,2-Dichloroethane-d4
 Concen: 52.75 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049998.D
 Acq: 21 Jul 2018 8:42

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-01-071918

Tot Ion	65	Resp	418363
Ion Ratio	100	Lower	Upper
65	100		
67	52.6	0.0	107.2

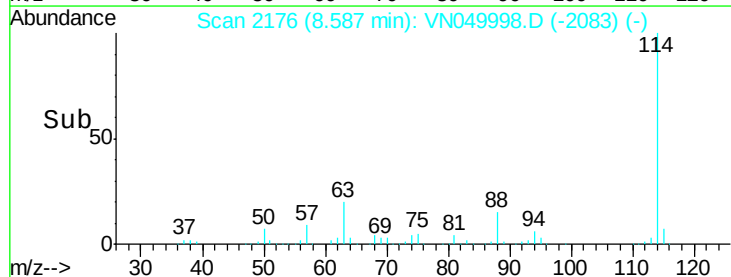
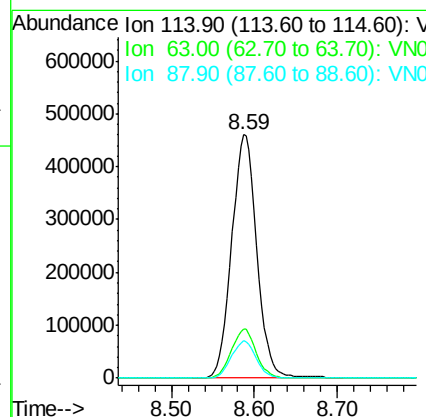
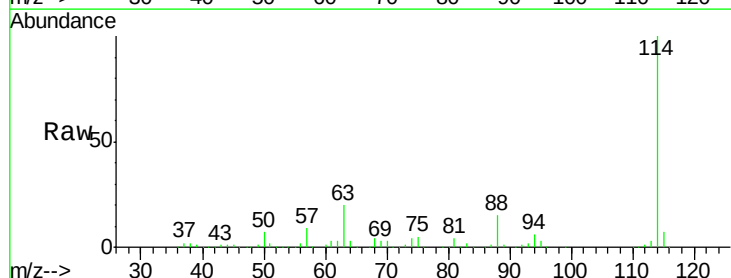
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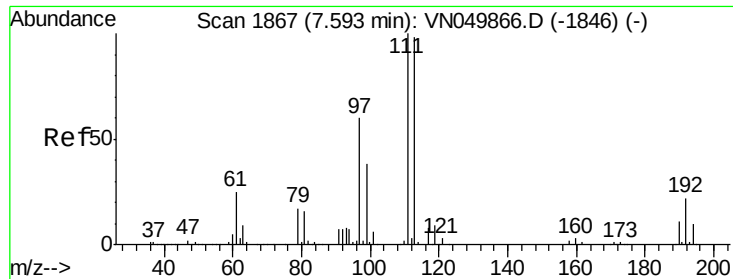
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049998.D
 Acq: 21 Jul 2018 8:42

Tgt Ion	114	Resp	972390
Ion Ratio	100	Lower	Upper
114	100		
63	20.3	0.0	39.8
88	15.3	0.0	30.6





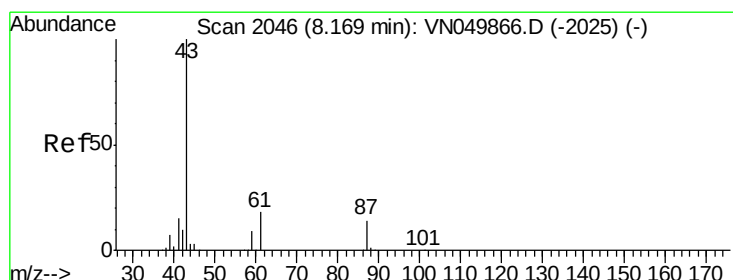
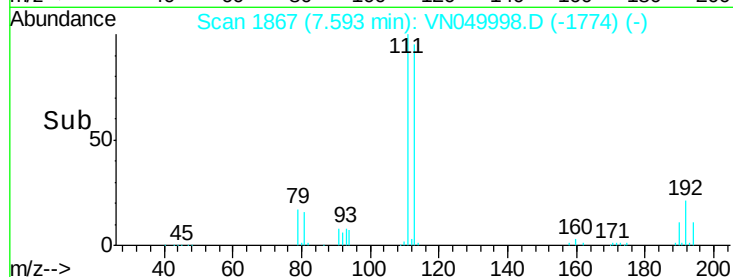
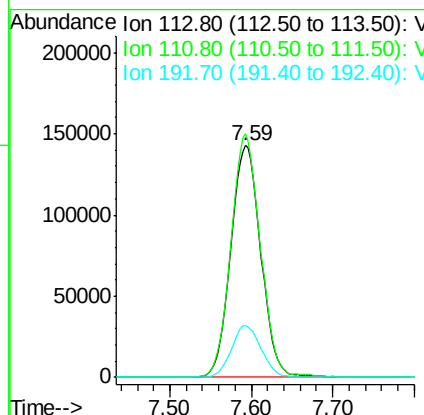
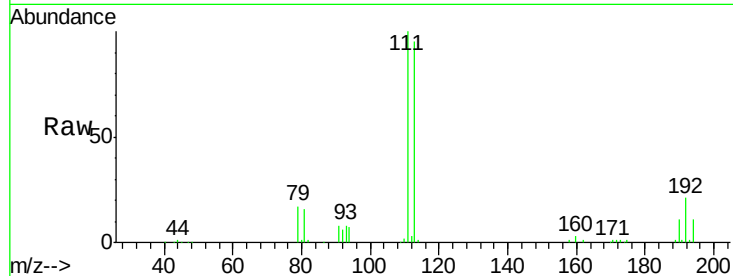
#35
 Dibromofluoromethane
 Concen: 44.93 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049998.D
 Acq: 21 Jul 2018 8:42

Instrument :
 MSVOA_N
 ClientSampled :
 BU-01-071918

Tot Ion	Ratio	Resp	Lower	Upper
113	100	366752		
111	102.3		81.8	122.8
192	22.2		17.8	26.6

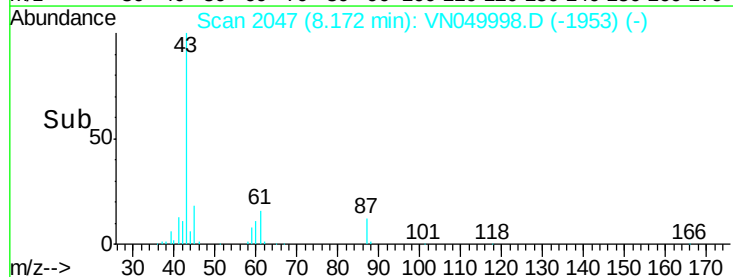
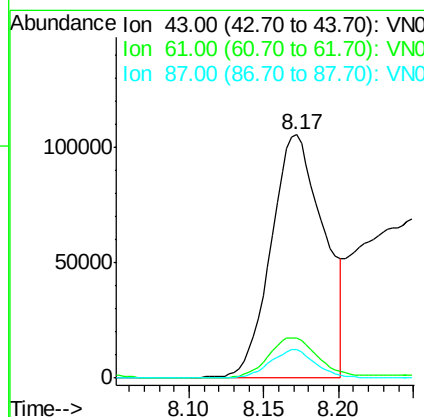
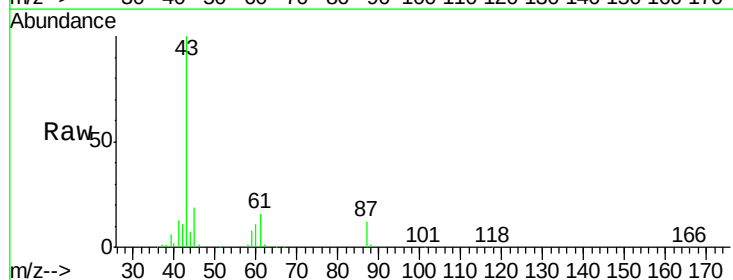
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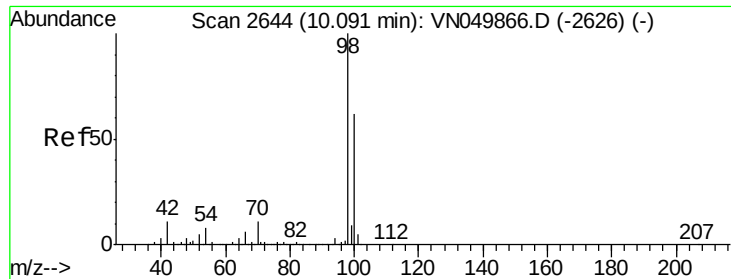
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#43
 Isopropyl Acetate
 Concen: 19.79 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN049998.D
 Acq: 21 Jul 2018 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	256703		
61	16.5		14.9	22.3
87	10.2		10.0	15.0





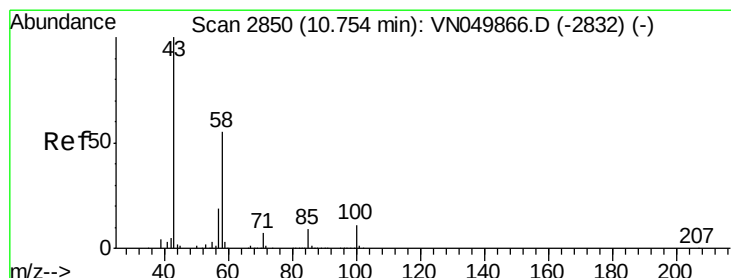
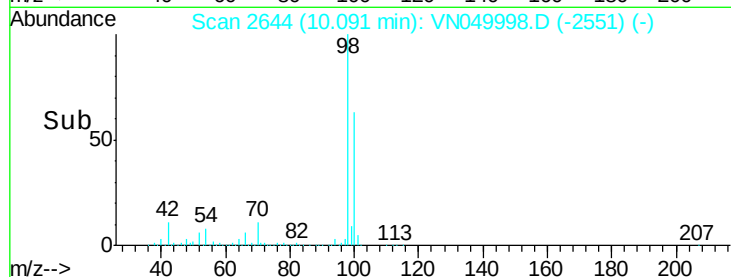
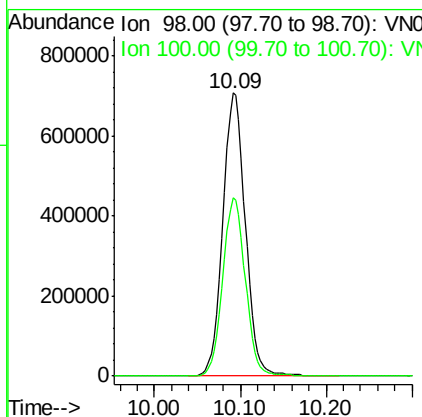
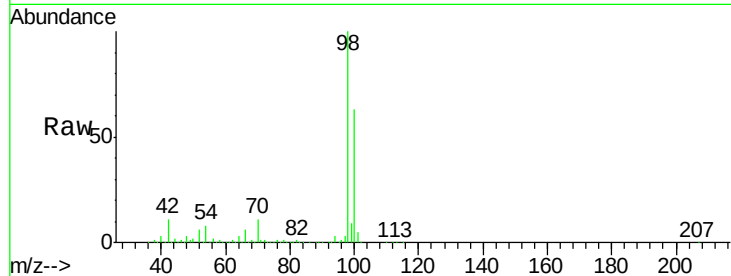
#50
Toluene-d8
Concen: 43.56 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049998.D
Acq: 21 Jul 2018 8:42

Instrument :
MSVOA_N
ClientSampled :
BU-01-071918

Tot Ion: 98 Resp: 1295742
Ion Ratio Lower Upper
98 100
100 63.1 51.7 77.5

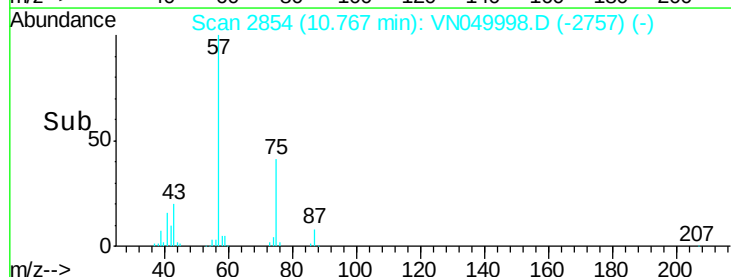
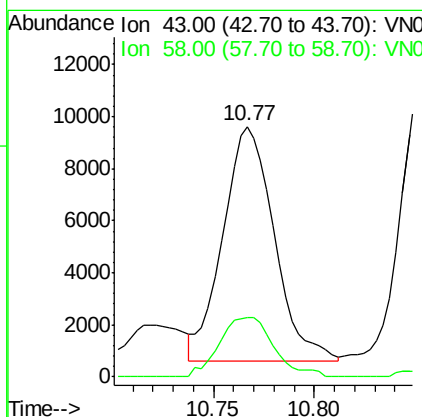
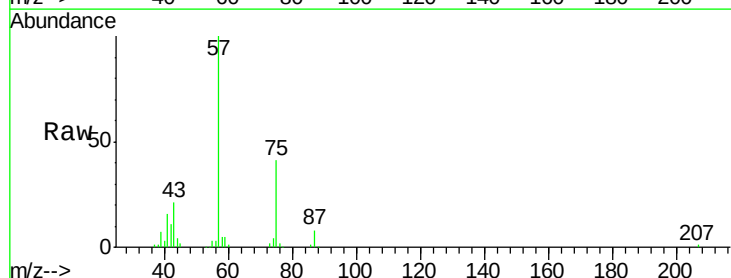
Manual Integrations
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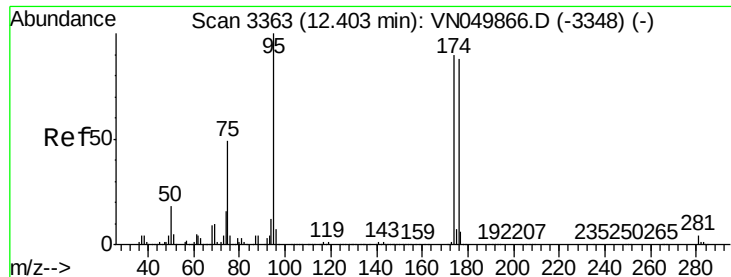
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#59
2-Hexanone
Concen: 3.28 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN049998.D
Acq: 21 Jul 2018 8:42

Tgt Ion: 43 Resp: 15993
Ion Ratio Lower Upper
43 100
58 26.9 27.8 83.4#





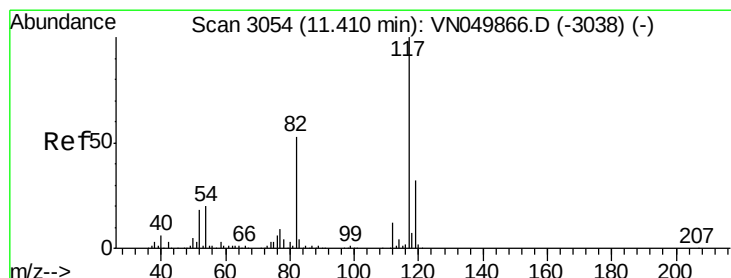
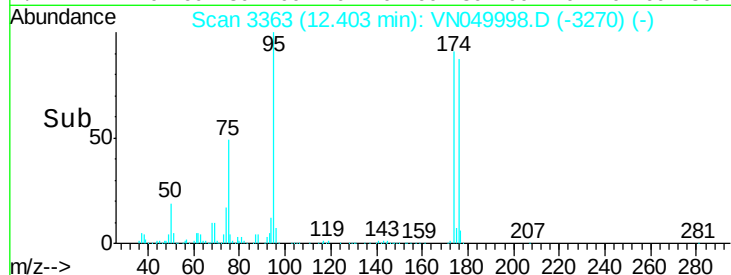
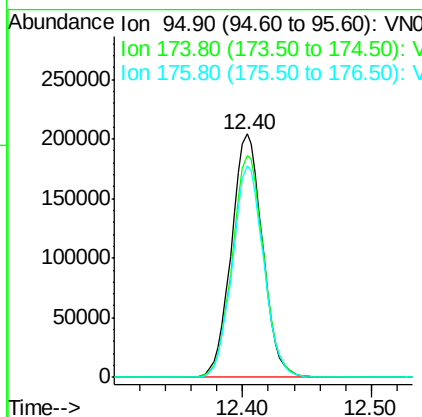
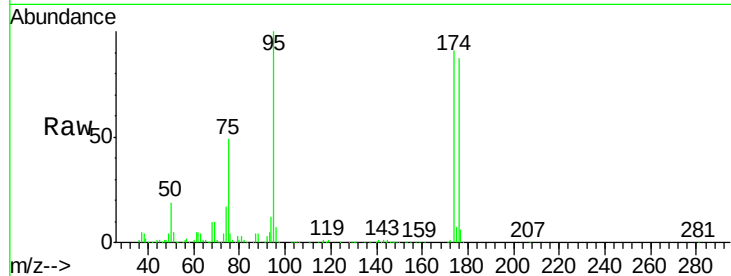
#62
4-Bromofluorobenzene
Concen: 33.42 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049998.D
Acq: 21 Jul 2018 8:42

Instrument :
MSVOA_N
ClientSampled :
BU-01-071918

Tot Ion	Ratio	Resp	Lower	Upper
95	100	342339		
174	92.2	0.0	179.6	
176	87.0	0.0	174.0	

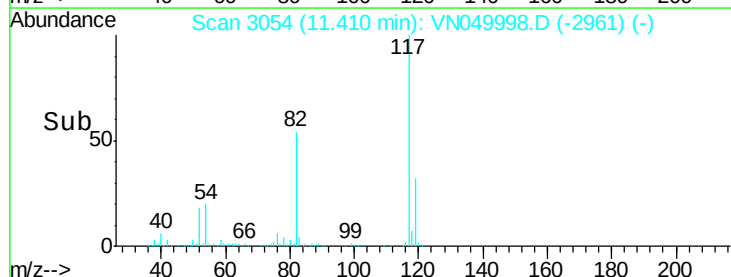
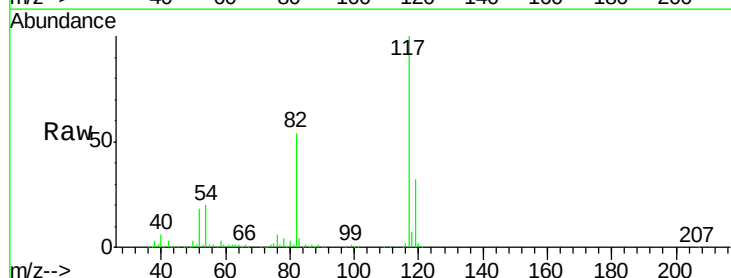
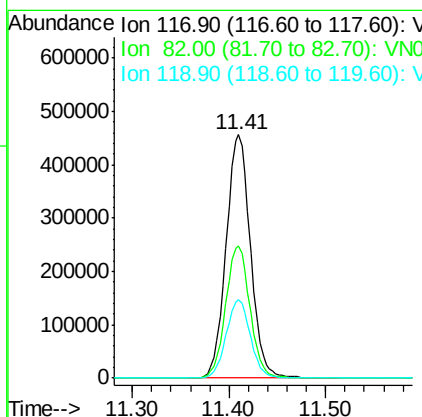
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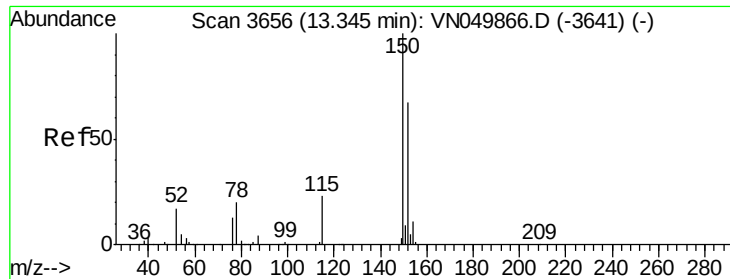
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049998.D
Acq: 21 Jul 2018 8:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	797160		
82	54.1	41.9	62.9	
119	32.3	25.4	38.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049998.D

Acq: 21 Jul 2018 8:42

Instrument :

MSVOA_N

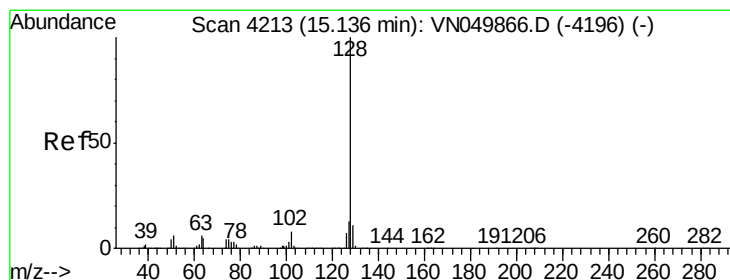
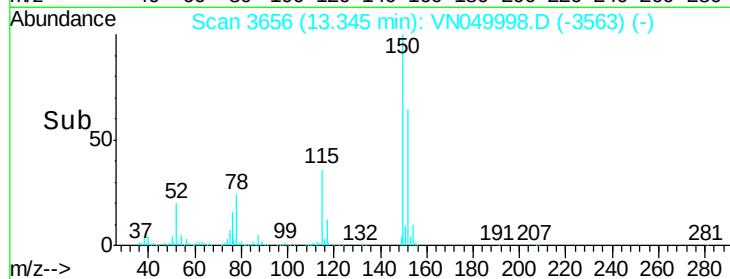
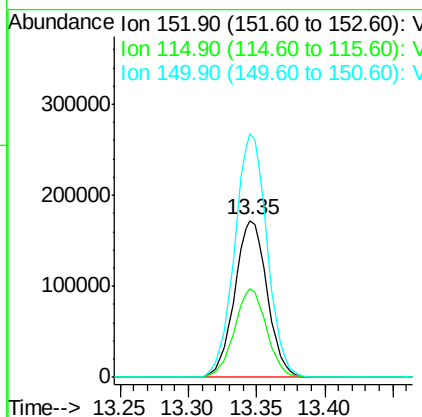
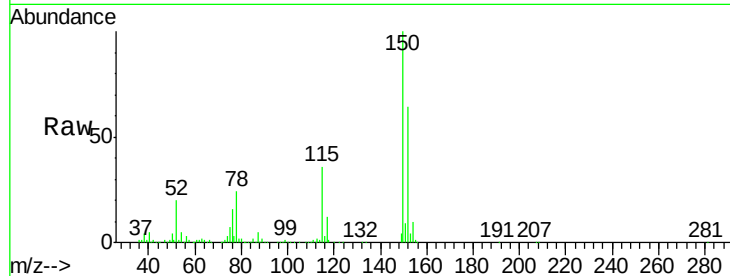
ClientSampled :

BU-01-071918

Tot Ion:	152	Resp:	283844
Ion Ratio	Lower	Upper	
152	100		
115	56.0	28.1	84.2
150	155.2	0.0	347.6

Manual Integrations
APPROVED

MMDadoda
7/23/2018 2:04:32 PM



#95

Naphthalene

Concen: 6.08 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049998.D

Acq: 21 Jul 2018 8:42

Tgt Ion:	128	Resp:	23488
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	11.2	8.6	13.0

