

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049642.D
 Acq On : 29 Jun 2018 19:58
 Operator : MD\SY
 Sample : J3612-01RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-1(5-5.5)RE

Manual Integrations
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Quant Time: Jun 30 02:06:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 29 15:11:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1130722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1833904	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1550088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	593977	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	770224	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	7.59	113	38758	2.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	5.66%	
50) Toluene-d8	10.09	98	2479914	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
62) 4-Bromofluorobenzene	12.40	95	717815	39.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.36%	
Target Compounds						
16) Acetone	3.83	43	94616	28.19	ug/l	92
20) Methylene Chloride	4.55	84	36632	2.38	ug/l #	83
25) 2-Butanone	6.85	43	11864m	2.39	ug/l	
95) Naphthalene	15.14	128	25606	3.73	ug/l	98

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

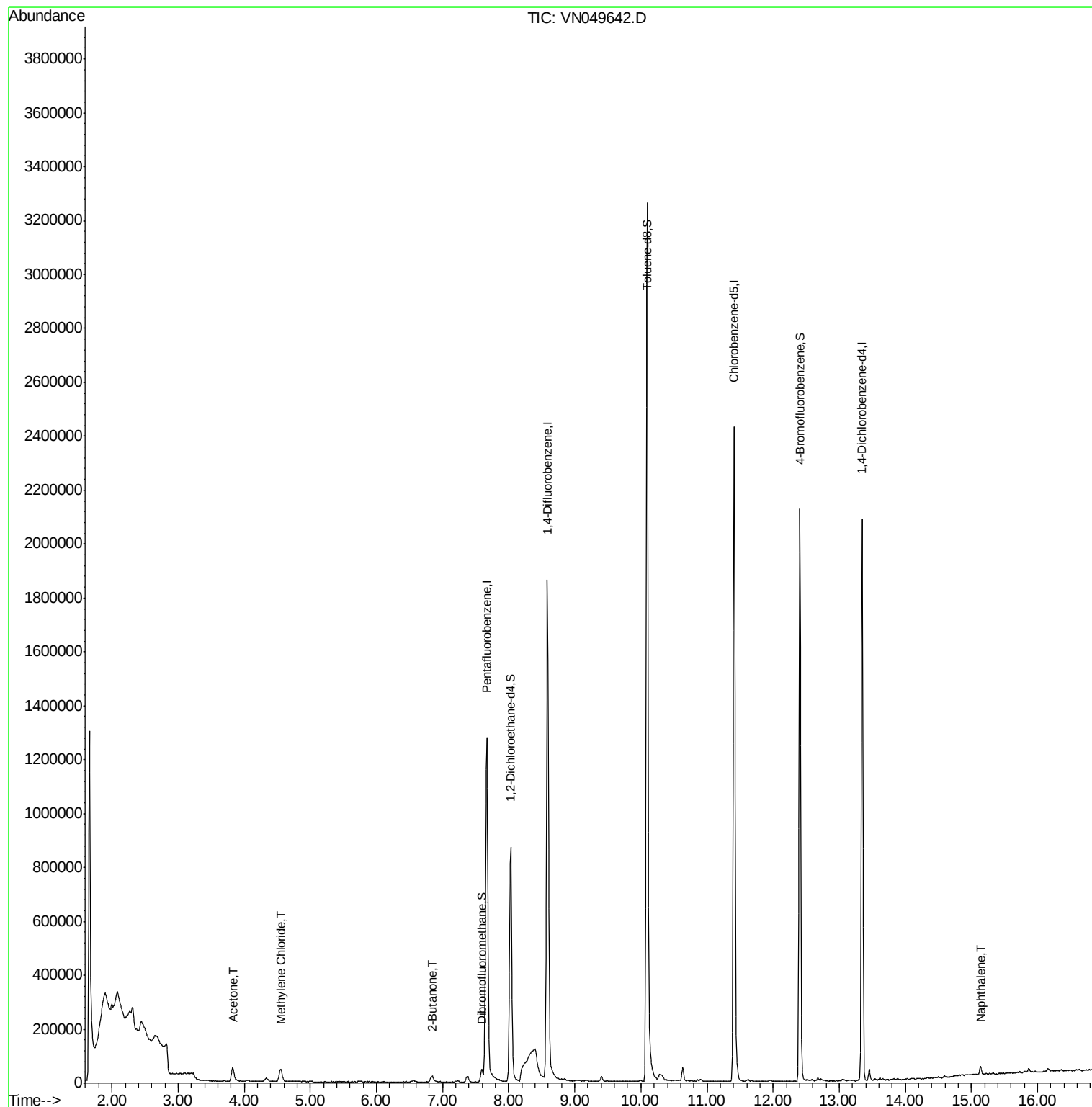
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062918\
Data File : VN049642.D
Acq On : 29 Jun 2018 19:58
Operator : MD\SY
Sample : J3612-01RE
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

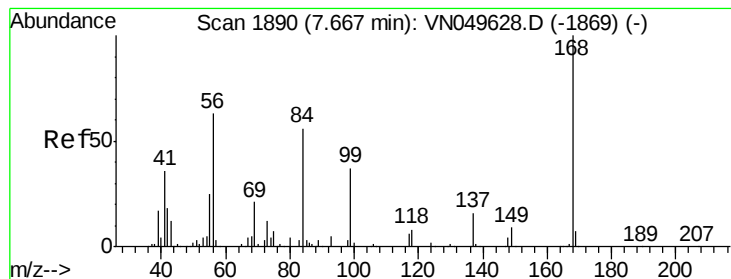
Instrument :
MSVOA_N
ClientSampleId :
S-1(5-5.5)RE

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Quant Time: Jun 30 02:06:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 29 15:11:52 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: VN049642.D

Acq: 29 Jun 2018 19:58

Instrument :

MSVOA_N

ClientSampled :

S-1(5-5.5)RE

Tot Ion:168 Resp: 1130722

Ion Ratio Lower Upper

168 100

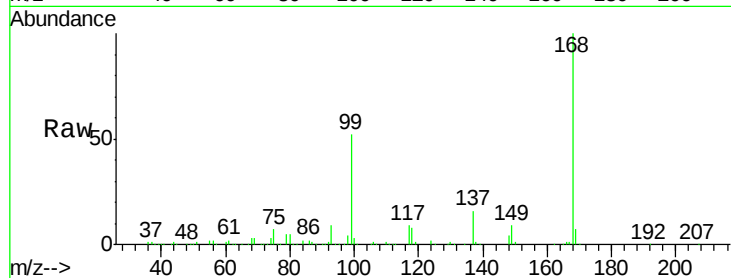
99 51.8 45.8 68.6

Manual Integrations

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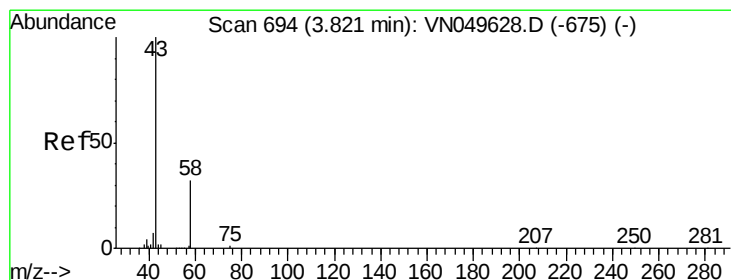
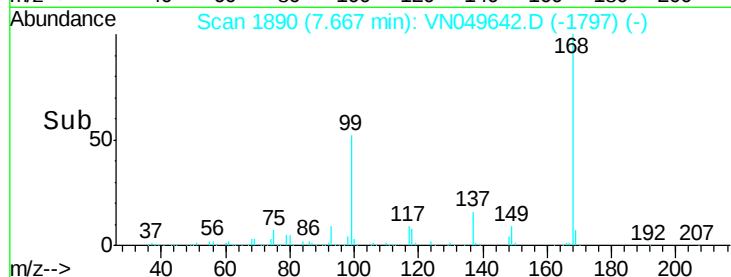
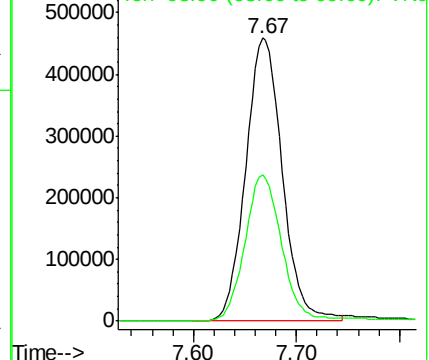
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 28.19 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049642.D

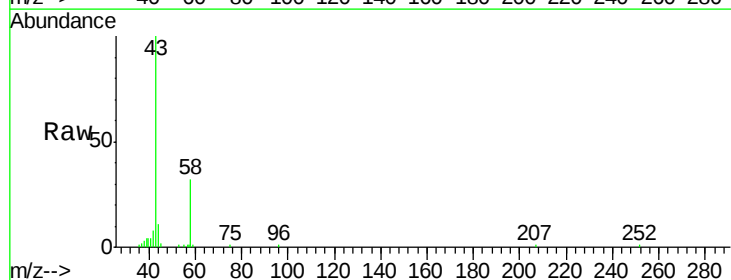
Acq: 29 Jun 2018 19:58

Tgt Ion: 43 Resp: 94616

Ion Ratio Lower Upper

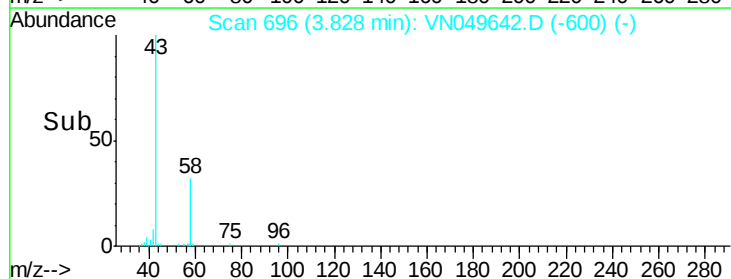
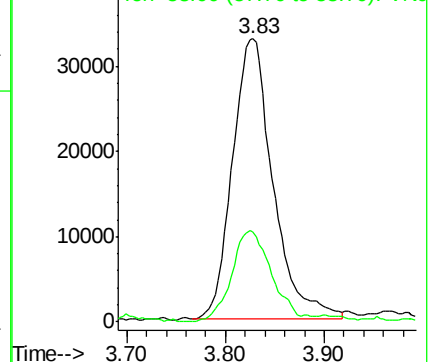
43 100

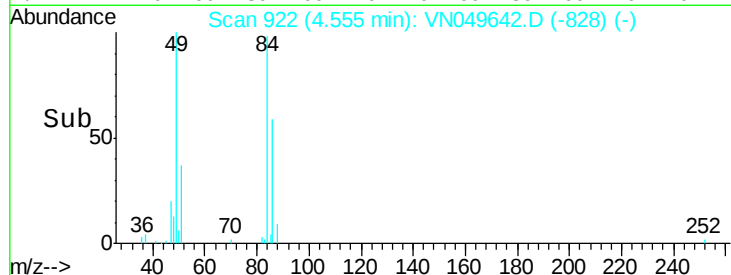
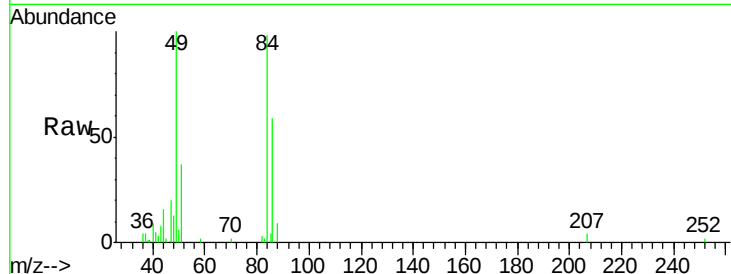
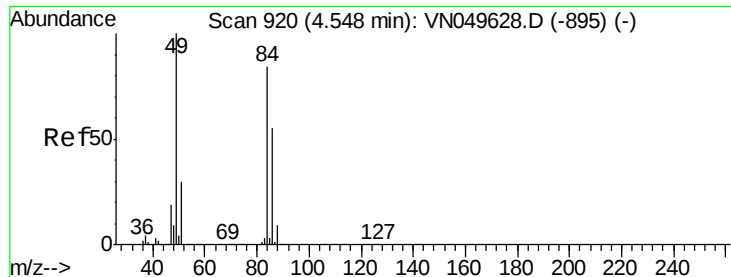
58 32.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





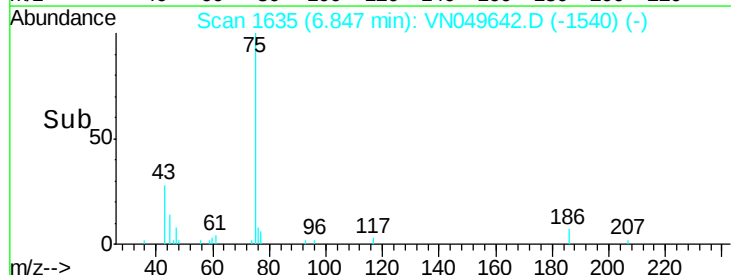
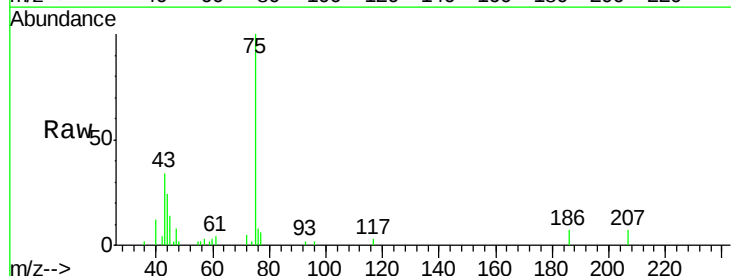
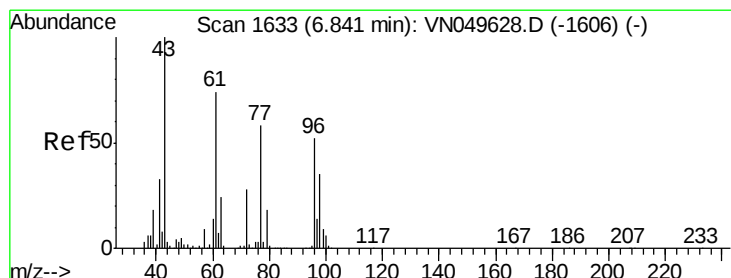
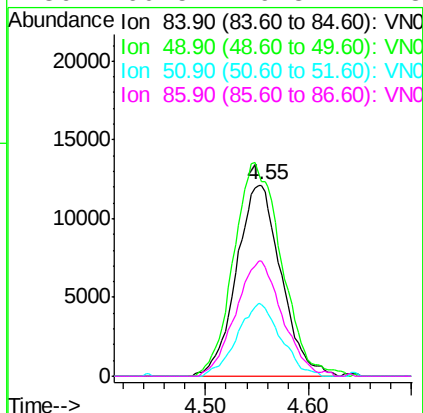
#20
Methvlene Chloride
Concen: 2.38 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049642.D
Acq: 29 Jun 2018 19:58

Tot Ion	84	Resp	36632
Ion Ratio	100	Lower	Upper
84	100		
49	101.9	106.9	160.3#
51	37.6	32.7	49.1
86	60.5	49.8	74.8

Instrument :
MSVOA_N
ClientSampleId :
S-1(5-5.5)RE

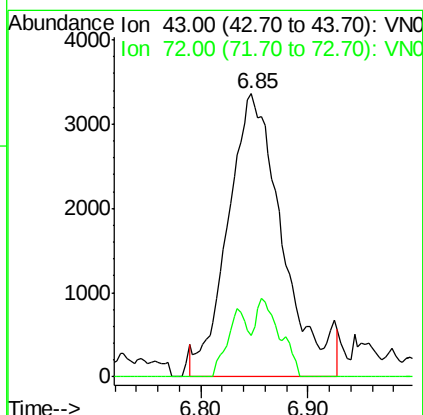
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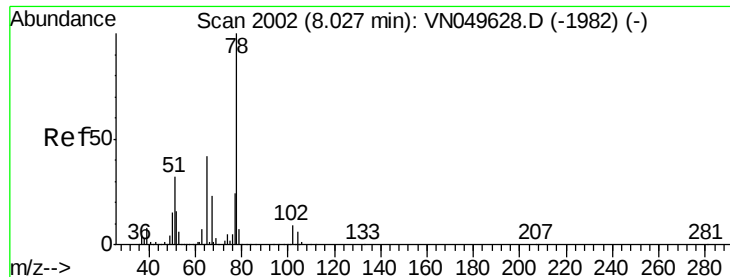
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#25
2-Butanone
Concen: 2.39 ug/l m
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049642.D
Acq: 29 Jun 2018 19:58

Tgt Ion	43	Resp	11864
Ion Ratio	100	Lower	Upper
43	100		
72	14.7	20.2	30.2#





#33

1,2-Dichloroethane-d4

Concen: 51.58 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

Instrument :

MSVOA_N

ClientSampleId :

S-1(5-5.5)RE

Tot Ion: 65 Resp: 770224

Ion Ratio Lower Upper

65 100

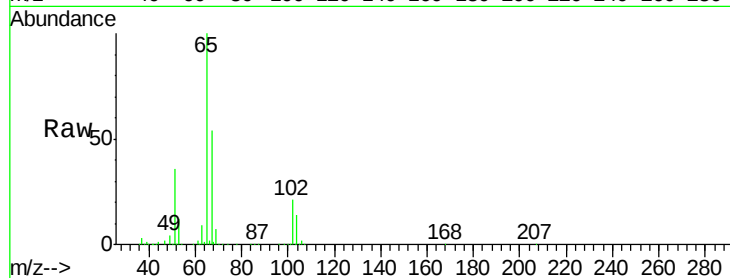
67 53.4 0.0 103.8

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Abundance Ion 64.90 (64.60 to 65.60): VN049642.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049642.D (-1909) (-)

8.03

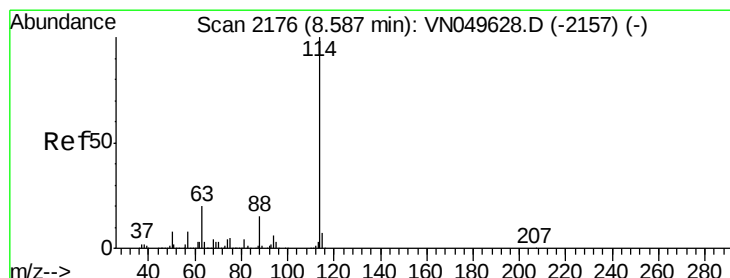
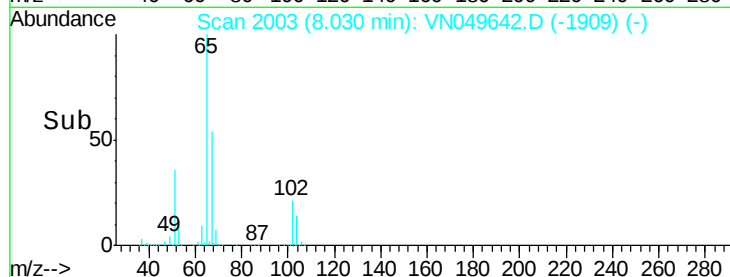
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

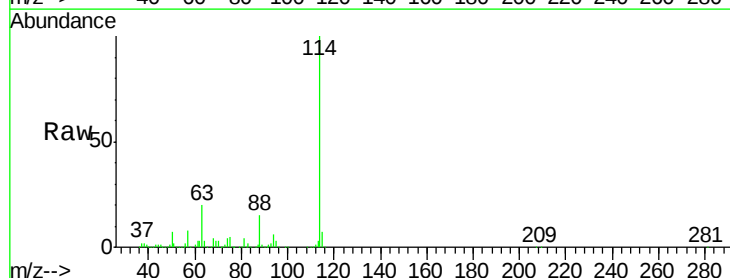
Tgt Ion: 114 Resp: 1833904

Ion Ratio Lower Upper

114 100

63 19.6 0.0 44.4

88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049642.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049642.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049642.D (-2083) (-)

8.59

1000000

800000

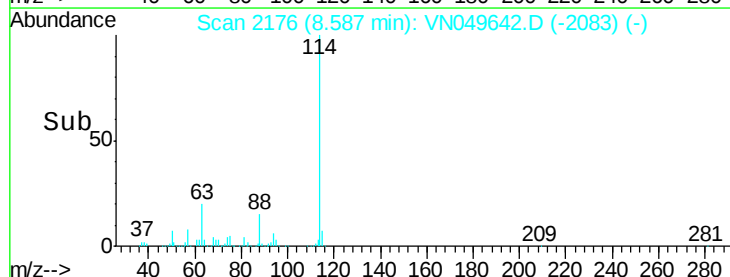
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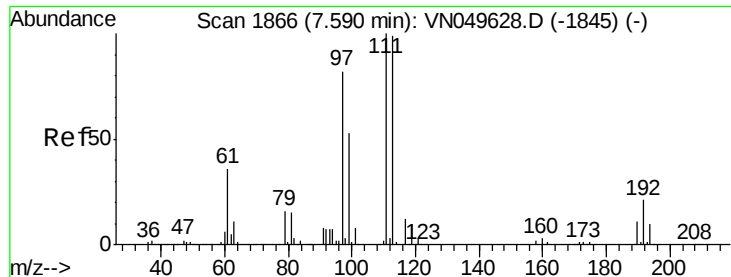
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 2.83 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

Instrument :

MSVOA_N

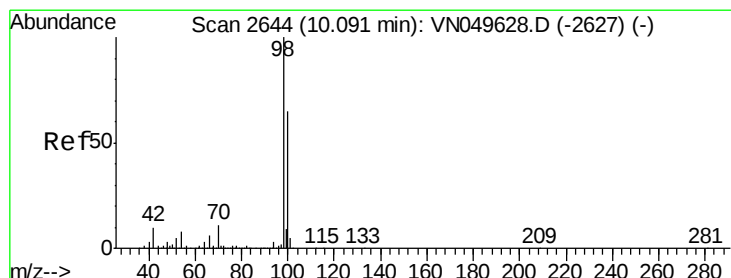
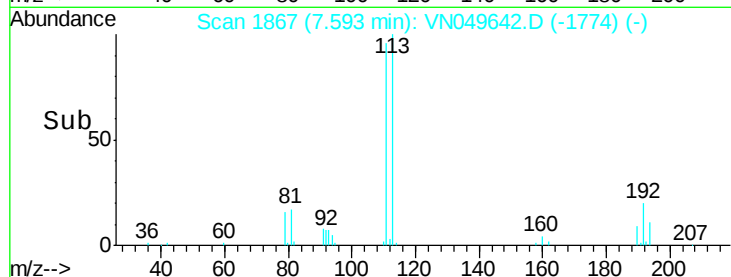
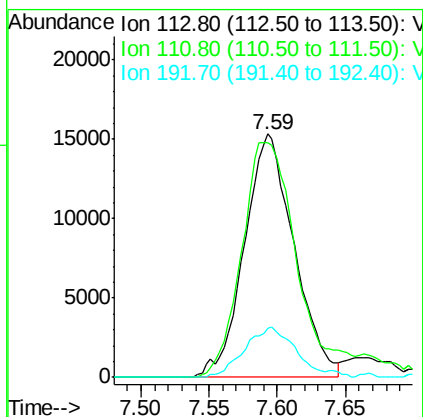
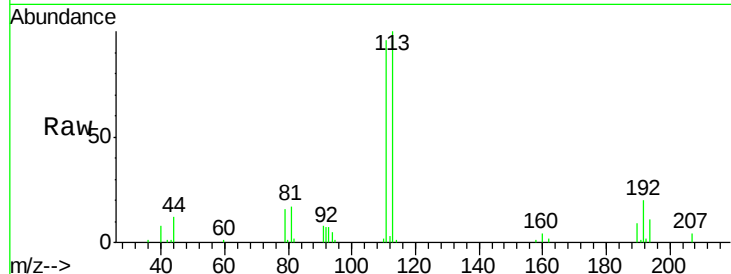
ClientSampleId :

S-1(5-5.5)RE

Tot Ion:	113	Resp:	38758
Ion	Ratio	Lower	Upper
113	100		
111	107.4	82.4	123.6
192	20.9	15.0	22.6

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#50

Toluene-d8

Concen: 46.21 ug/l

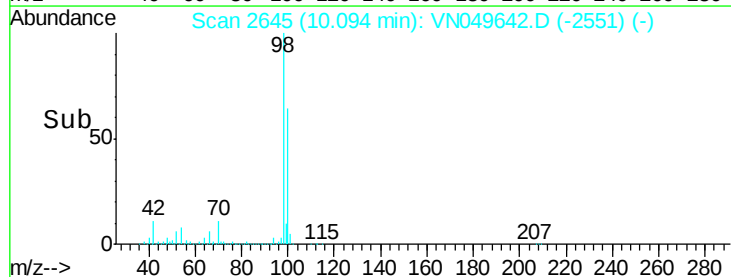
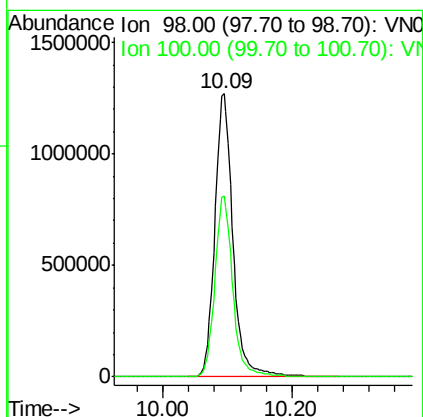
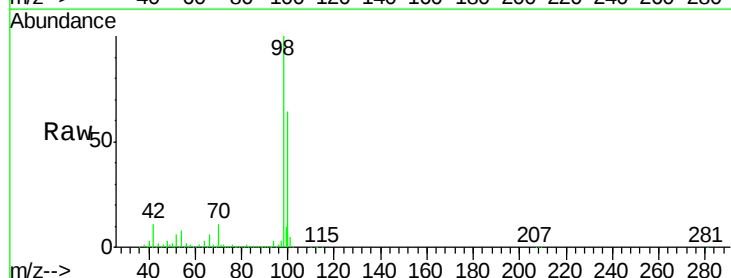
RT: 10.09 min Scan# 2645

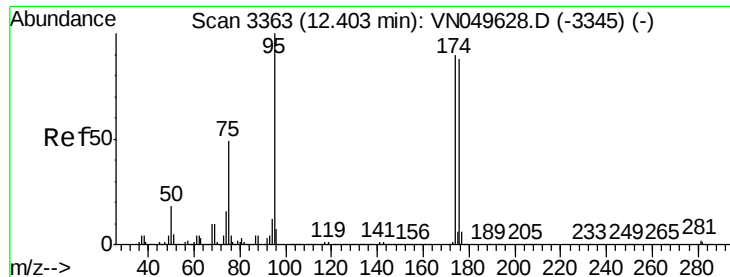
Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

Tgt Ion:	98	Resp:	2479914
Ion	Ratio	Lower	Upper
98	100		
100	63.6	49.8	74.8





#62

4-Bromofluorobenzene

Concen: 39.18 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

Instrument :

MSVOA_N

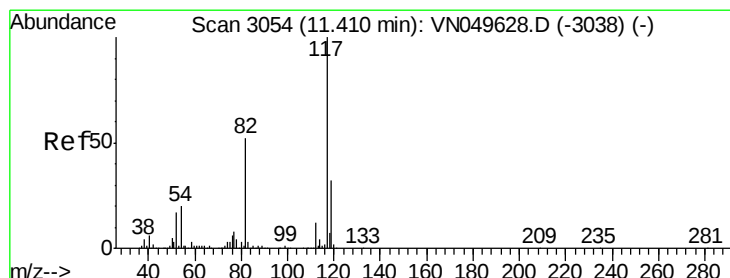
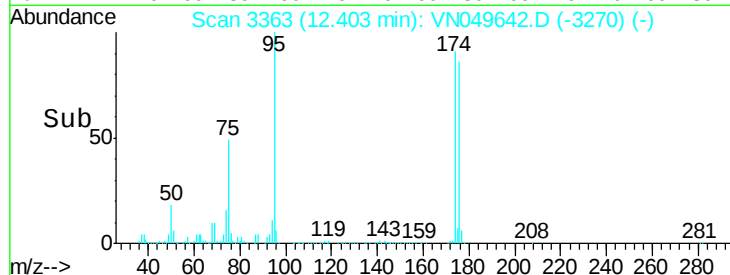
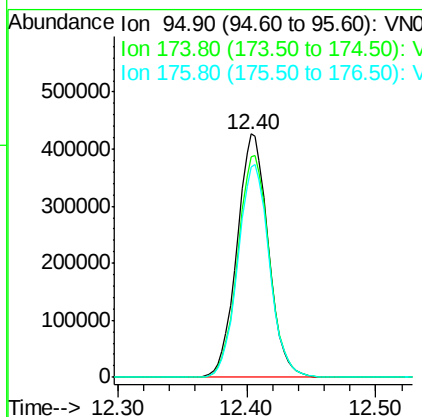
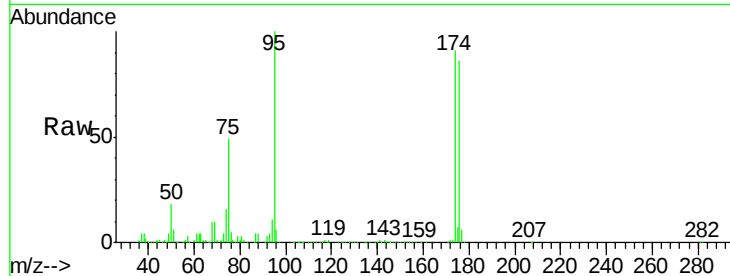
ClientSampled :

S-1(5-5.5)RE

Tot Ion:	95	Resp:	717815
Ion Ratio	Lower	Upper	
95	100		
174	92.4	0.0	165.6
176	88.1	0.0	157.4

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

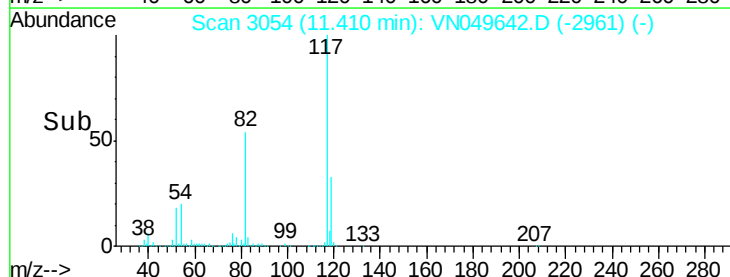
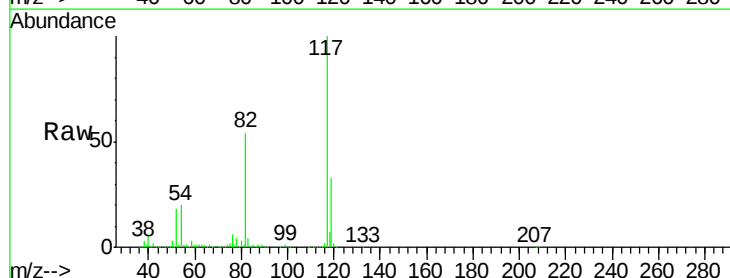
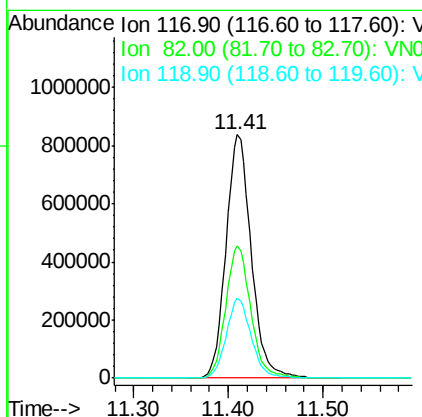
RT: 11.41 min Scan# 3054

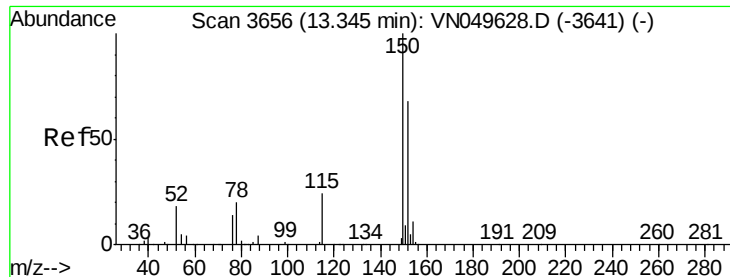
Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

Tgt Ion:	117	Resp:	1550088
Ion Ratio	Lower	Upper	
117	100		
82	54.2	45.9	68.9
119	32.6	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

Instrument :

MSVOA_N

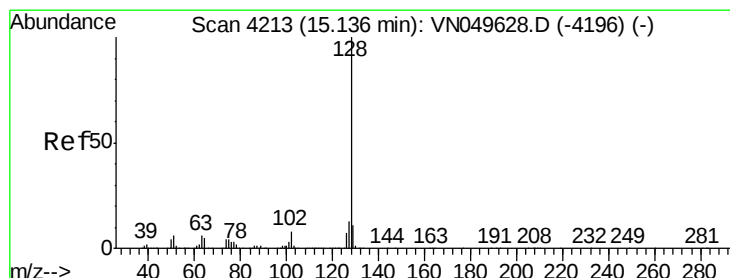
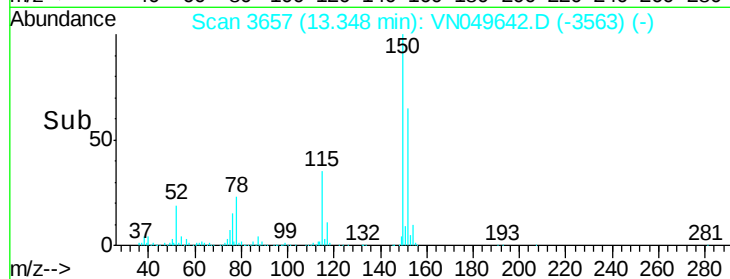
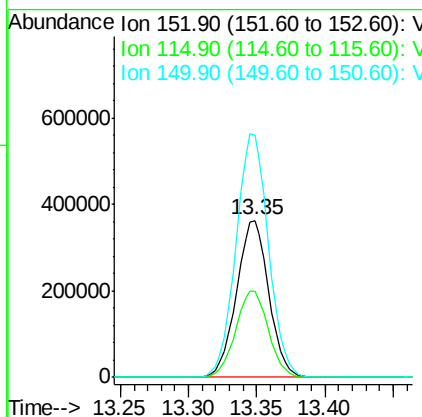
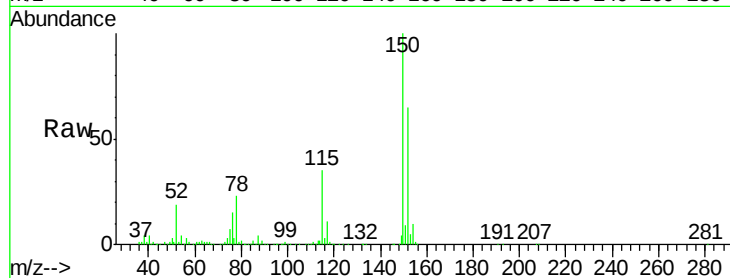
ClientSampleId :

S-1(5-5.5)RE

Tot Ion:	152	Resp:	593977
Ion Ratio	Lower	Upper	
152	100		
115	56.1	28.7	86.1
150	156.8	0.0	351.0

Manual Integrations
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#95

Naphthalene

Concen: 3.73 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049642.D

Acq: 29 Jun 2018 19:58

Tgt Ion:	128	Resp:	25606
Ion Ratio	Lower	Upper	
128	100		
127	12.2	10.6	16.0
129	10.6	8.5	12.7

