

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020419\
 Data File : VN053601.D
 Acq On : 4 Feb 2019 17:17
 Operator : JC/SP
 Sample : K1299-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SPLP-LEACH-AMND-COMP-2

Manual Integrations
 APPROVED

MMDadoda
 2/5/2019 9:54:19 AM

Quant Time: Feb 05 03:16:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	853506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1351667	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1199098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	497988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	430859	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
35) Dibromofluoromethane	7.59	113	382255	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
50) Toluene-d8	10.09	98	1622966	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.40	95	529466	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
Target Compounds						
11) Tert butyl alcohol	4.79	59	6604m	13.032	ug/l	
16) Acetone	3.82	43	30310	13.801	ug/l	96
25) 2-Butanone	6.84	43	6684m	2.134	ug/l	
95) Naphthalene	15.13	128	59859	4.378	ug/l	98

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

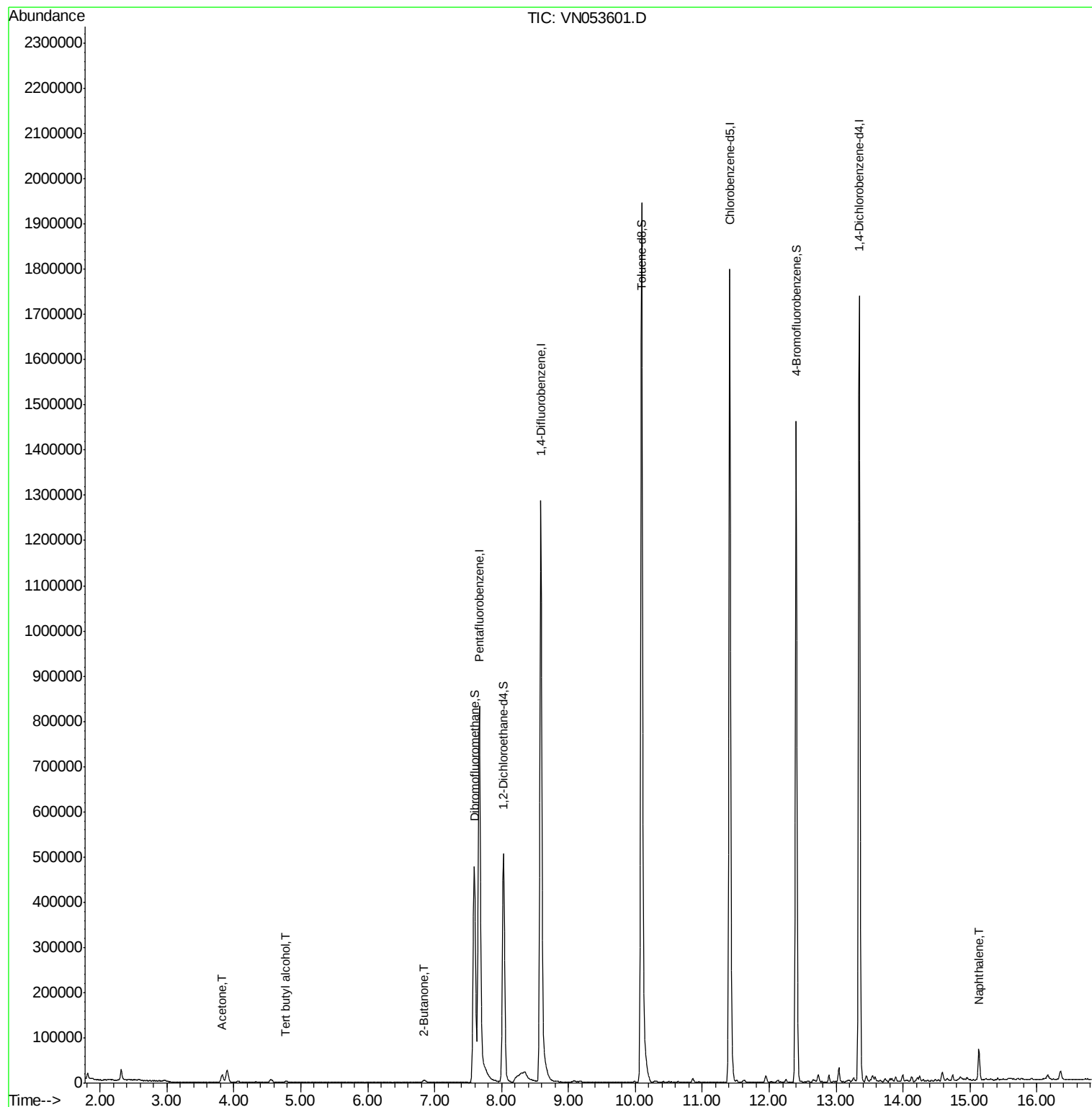
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN020419\
Data File : VN053601.D
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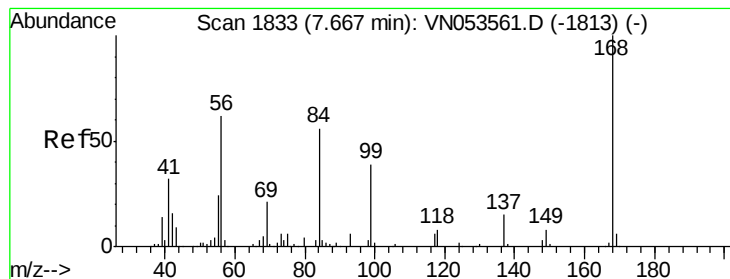
Instrument :
MSVOA_N
ClientSampleId :
SPLP-LEACH-AMND-COMP-2

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Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
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: VN053601.D

Acq: 4 Feb 2019 17:17

Instrument :

MSVOA_N

ClientSampleId :

SPLP-LEACH-AMND-COMP-2

Tot Ion:168 Resp: 853506

Ion Ratio Lower Upper

168 100

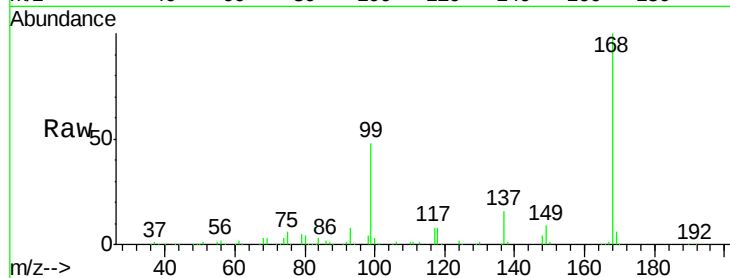
99 47.9 39.1 58.7

Manual Integrations

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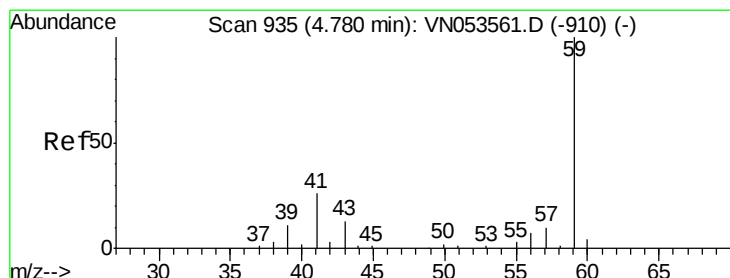
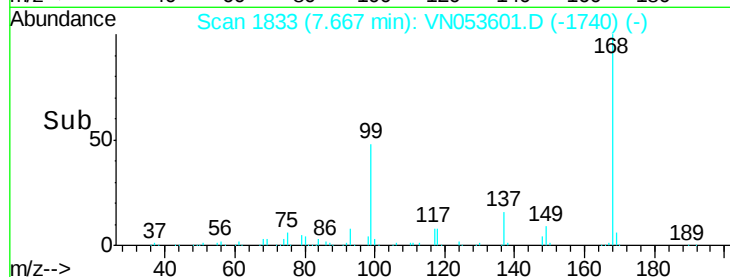
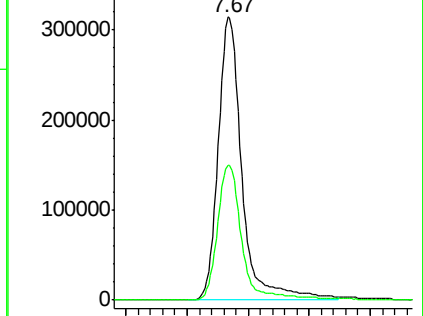
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 13.032 ug/l m

RT: 4.79 min Scan# 938

Delta R.T. 0.01 min

Lab File: VN053601.D

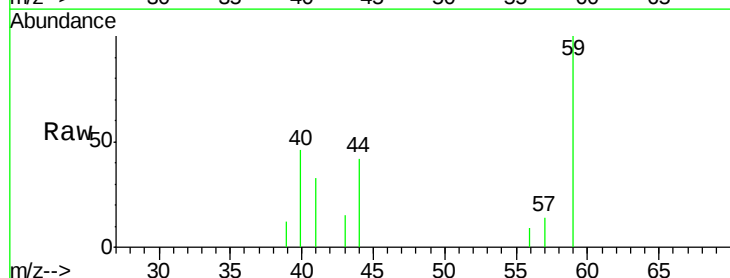
Acq: 4 Feb 2019 17:17

Tgt Ion: 59 Resp: 6604

Ion Ratio Lower Upper

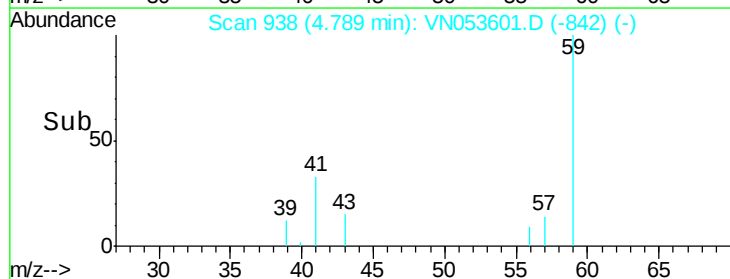
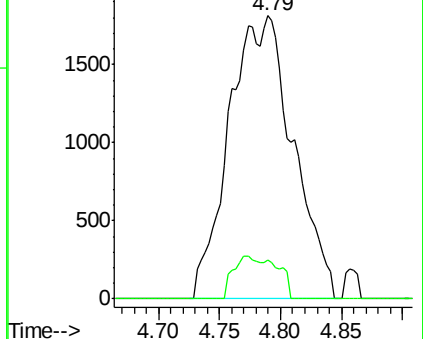
59 100

57 6.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 13.801 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053601.D

Acq: 4 Feb 2019 17:17

Instrument :

MSVOA_N

ClientSampleId :

SPLP-LEACH-AMND-COMP-2

Tot Ion: 43 Resp: 30310

Ion Ratio Lower Upper

43 100

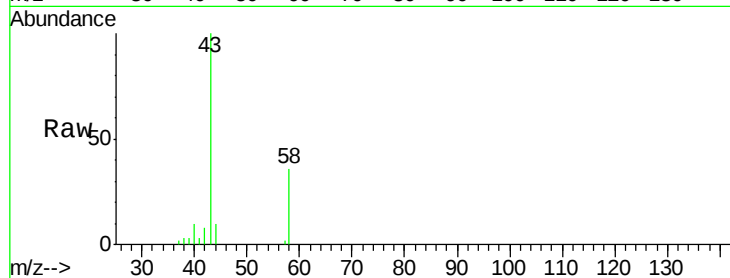
58 35.9 27.1 40.7

Manual Integrations

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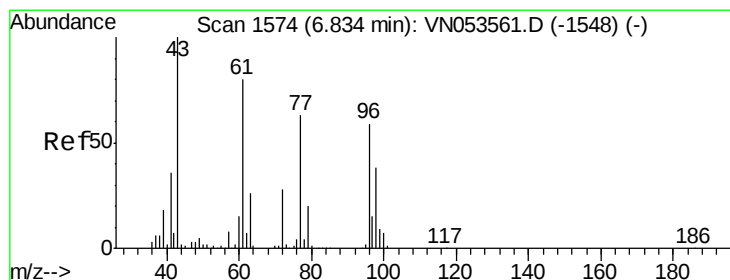
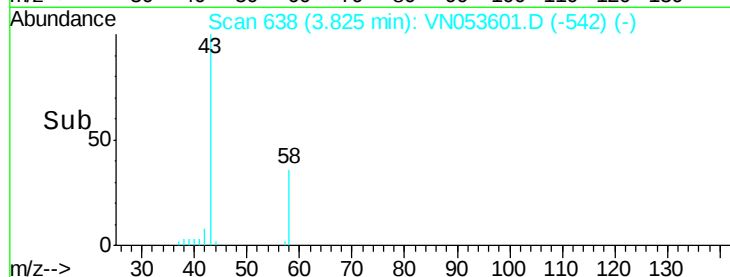
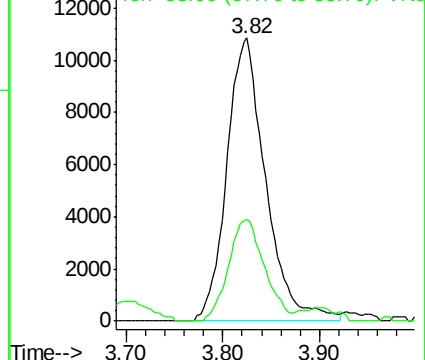
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#25

2-Butanone

Concen: 2.134 ug/l m

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN053601.D

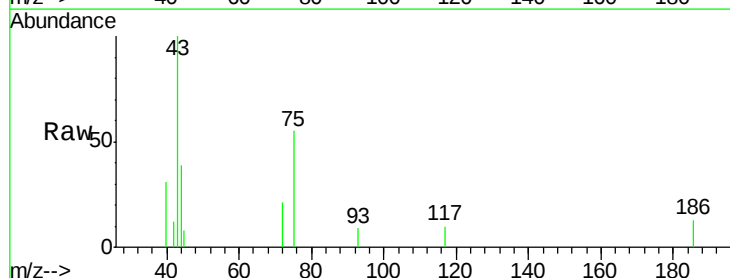
Acq: 4 Feb 2019 17:17

Tgt Ion: 43 Resp: 6684

Ion Ratio Lower Upper

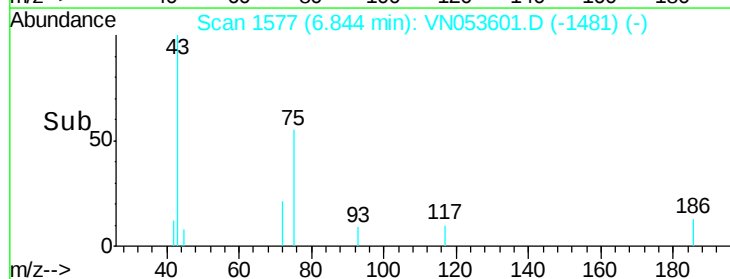
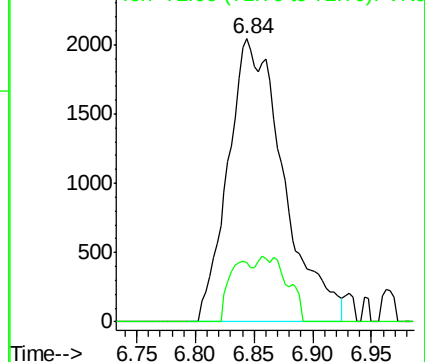
43 100

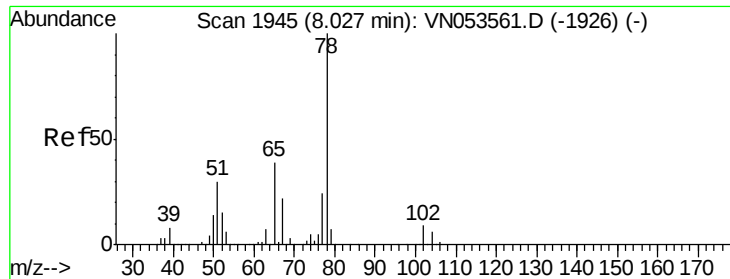
72 20.9 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053601.D

Acq: 4 Feb 2019 17:17

Instrument :

MSVOA_N

ClientSampleId :

SPLP-LEACH-AMND-COMP-2

Tot Ion: 65 Resp: 430859

Ion Ratio Lower Upper

65 100

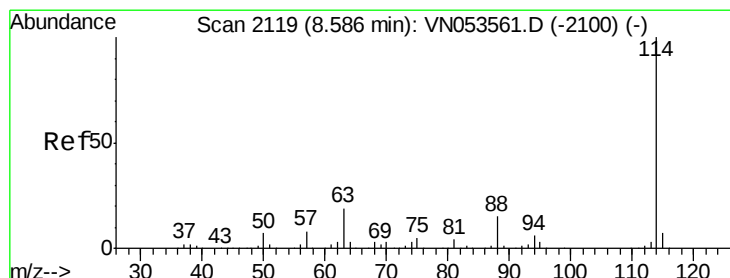
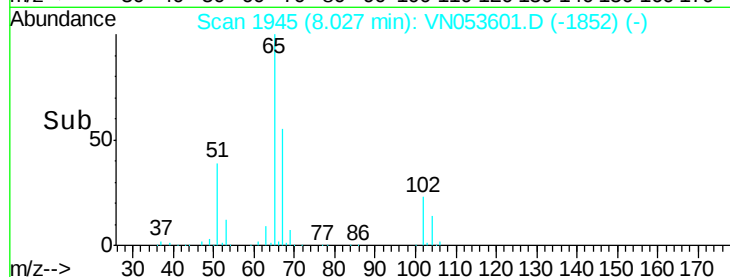
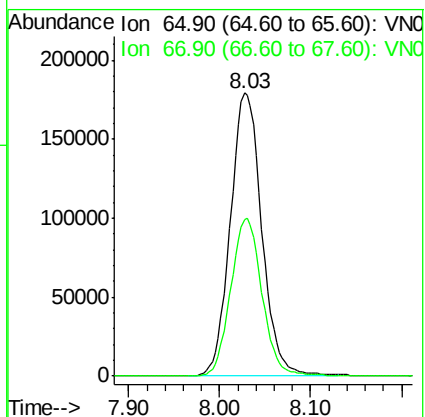
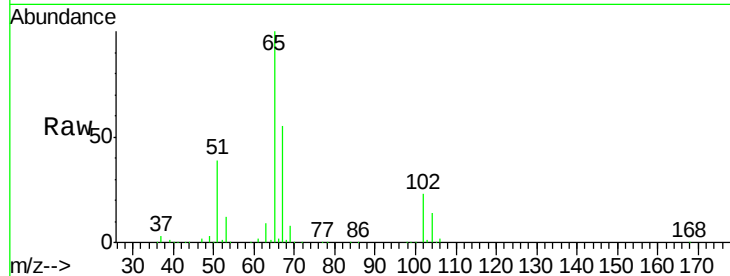
67 55.4 0.0 111.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053601.D

Acq: 4 Feb 2019 17:17

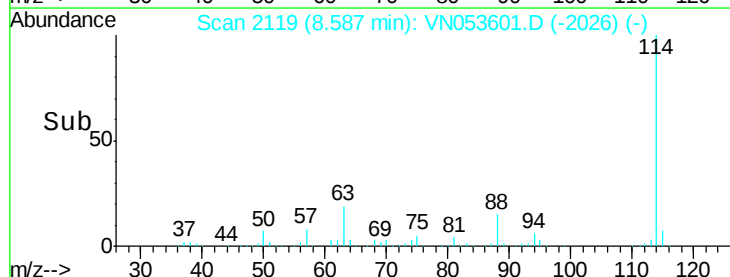
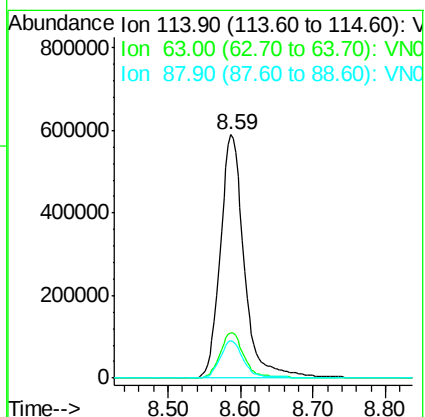
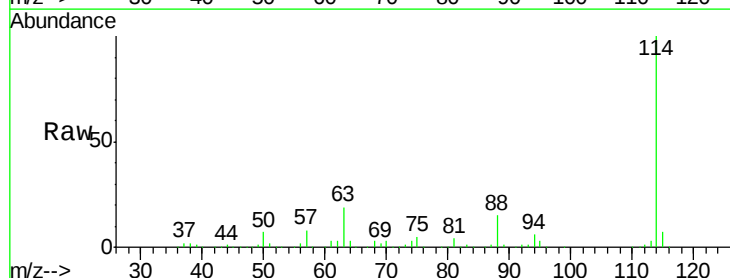
Tgt Ion: 114 Resp: 1351667

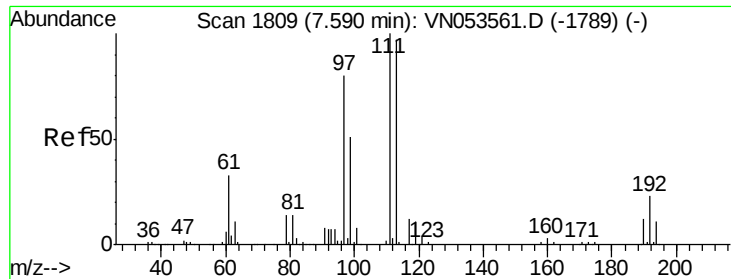
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

88 15.4 0.0 30.4





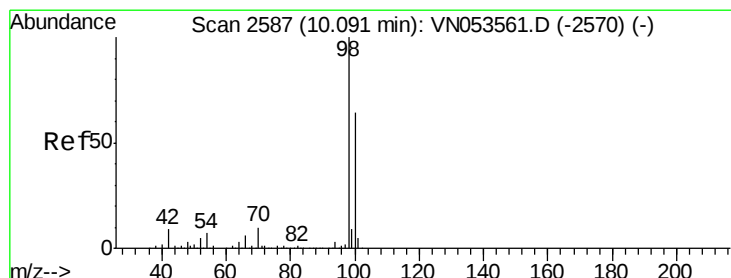
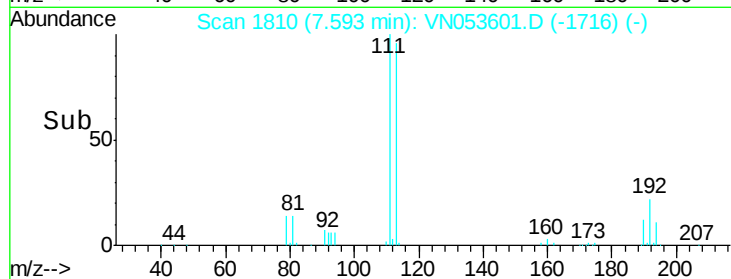
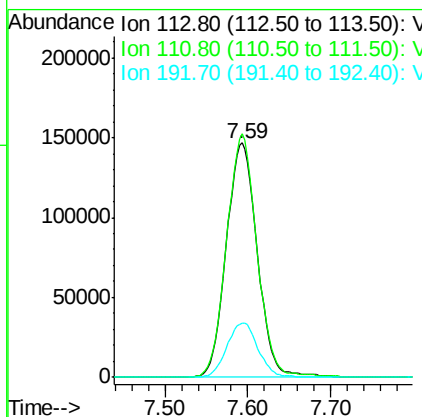
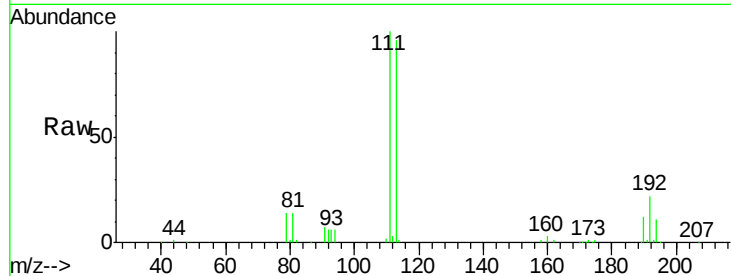
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053601.D
Acq: 4 Feb 2019 17:17

Instrument :
MSVOA_N
ClientSampleId :
SPLP-LEACH-AMND-COMP-2

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.1	121.7
192	23.4	18.2	27.2

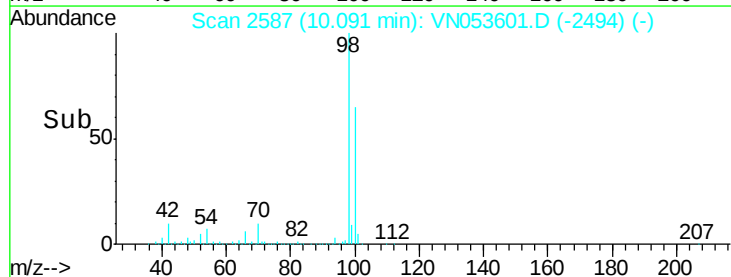
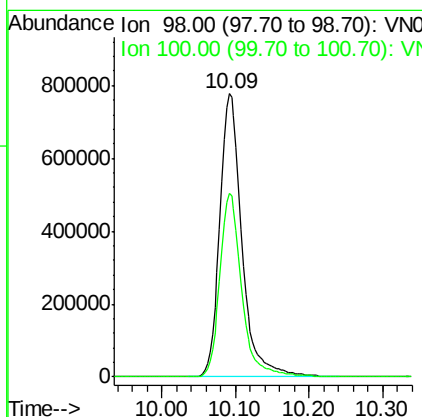
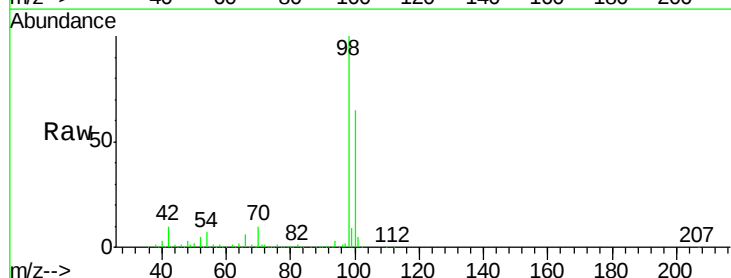
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#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053601.D
Acq: 4 Feb 2019 17:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.4	77.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053601.D

Acq: 4 Feb 2019 17:17

Instrument :

MSVOA_N

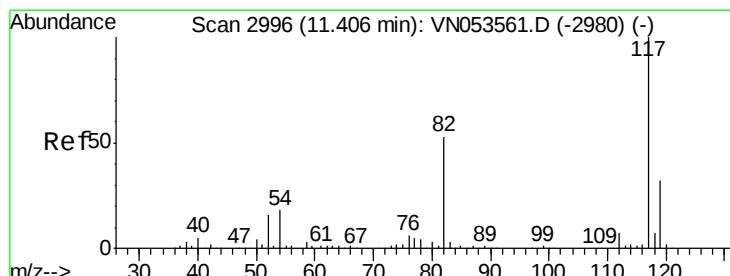
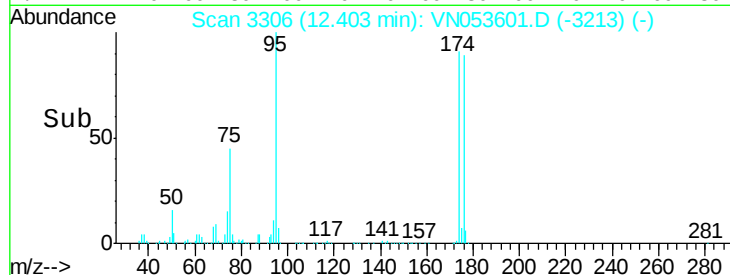
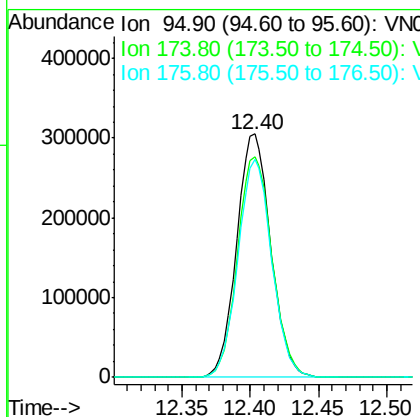
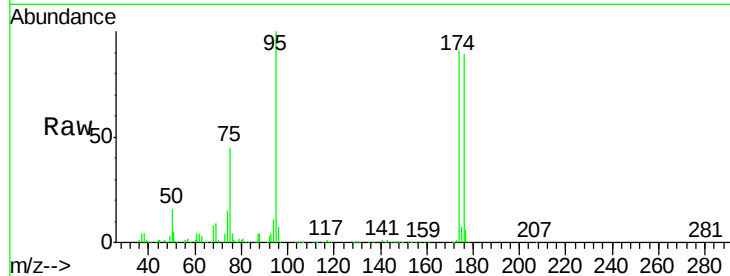
ClientSampleId :

SPLP-LEACH-AMND-COMP-2

Tot Ion:	95	Resp:	529466
Ion Ratio	Lower	Upper	
95	100		
174	92.2	0.0	183.2
176	88.5	0.0	177.4

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

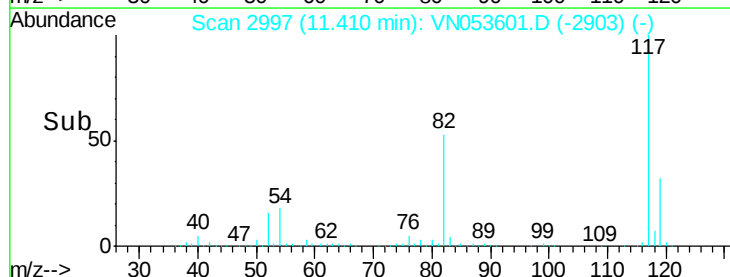
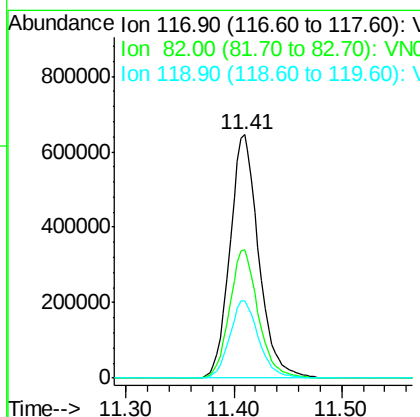
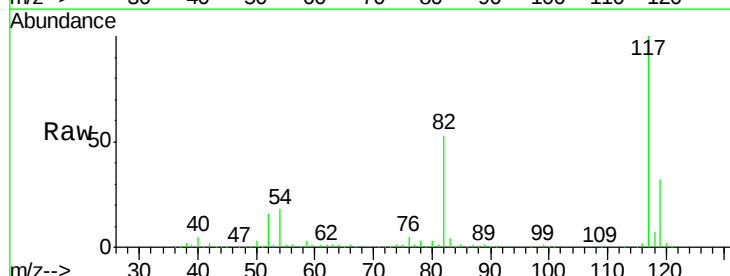
RT: 11.41 min Scan# 2997

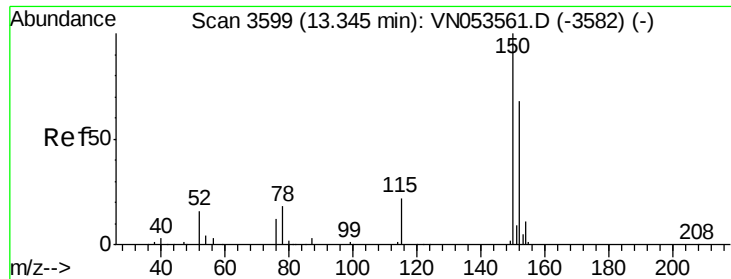
Delta R.T. 0.00 min

Lab File: VN053601.D

Acq: 4 Feb 2019 17:17

Tgt Ion:	117	Resp:	1199098
Ion Ratio	Lower	Upper	
117	100		
82	52.7	42.9	64.3
119	31.9	26.0	39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053601.D

Acq: 4 Feb 2019 17:17

Instrument :

MSVOA_N

ClientSampleId :

SPLP-LEACH-AMND-COMP-2

Tot Ion:152 Resp: 497988

Ion Ratio Lower Upper

152 100

115 56.2 27.8 83.4

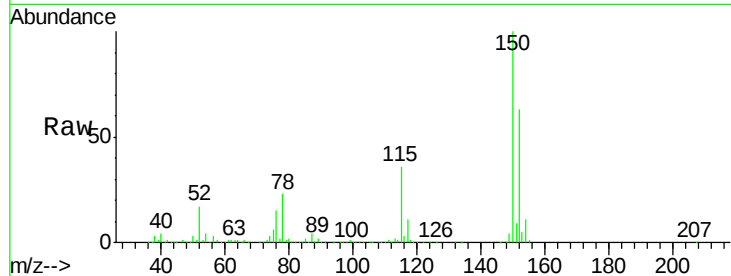
150 157.4 0.0 349.0

Manual Integrations

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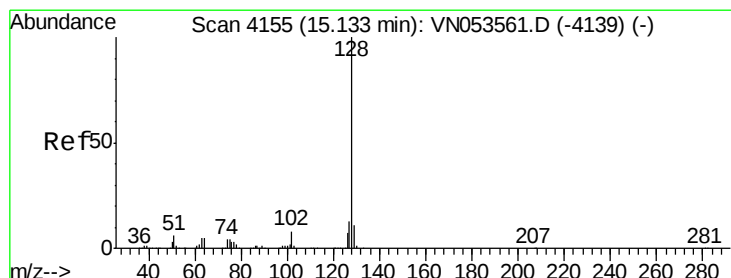
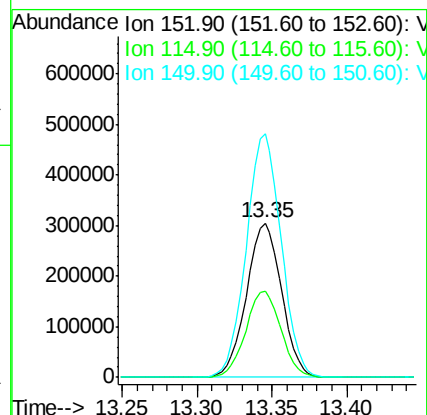
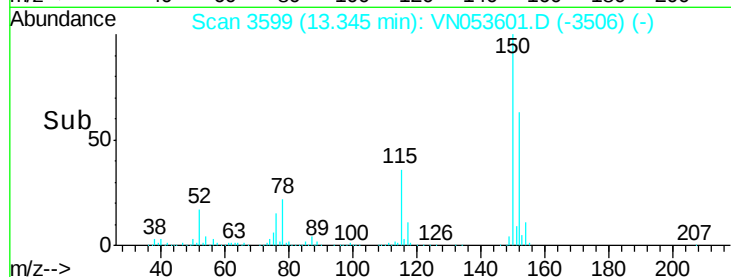
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 4.378 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053601.D

Acq: 4 Feb 2019 17:17

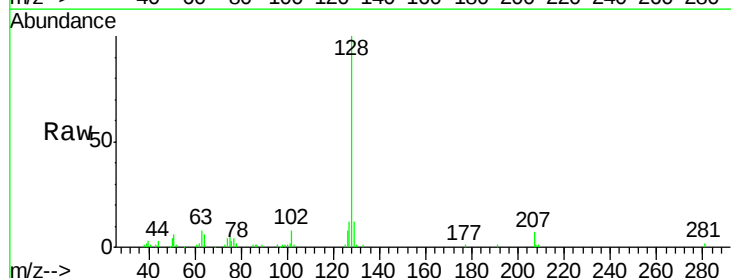
Tgt Ion:128 Resp: 59859

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

129 11.3 8.6 13.0



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

