

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082018\
 Data File : VN050771.D
 Acq On : 20 Aug 2018 13:56
 Operator : MD\SY
 Sample : J4555-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP-02

Manual Integrations
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 8/21/2018 2:13:19 PM

Quant Time: Aug 21 14:50:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	107942	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	547609	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	465497	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	213599	29.11	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.03%
60) 4-Bromofluorobenzene	12.40	95	153984	21.53	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	71.77%
63) Toluene-d8	10.09	98	648480	29.17	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.23%

Target Compounds					Ovalue
15) Acetone	3.82	58	8806	15.06 ug/l #	64
62) Toluene	10.16	91	191333	7.20 ug/l	98
91) Naphthalene	15.14	128	5558	7.95 ug/l #	91

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

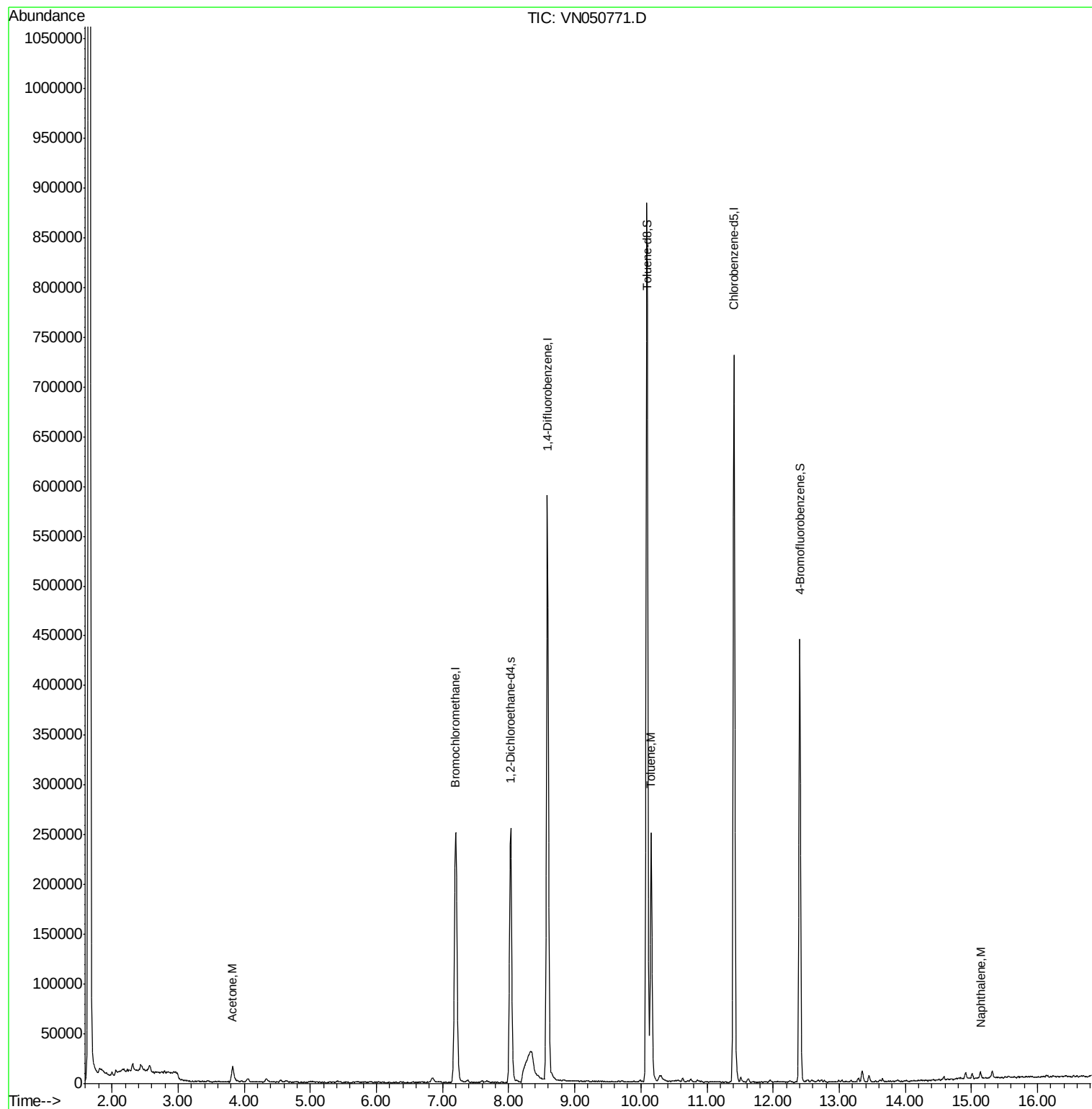
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082018\
Data File : VN050771.D
Acq On : 20 Aug 2018 13:56
Operator : MD\SY
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Misc : 5.00mL/MSVOA N/WATER
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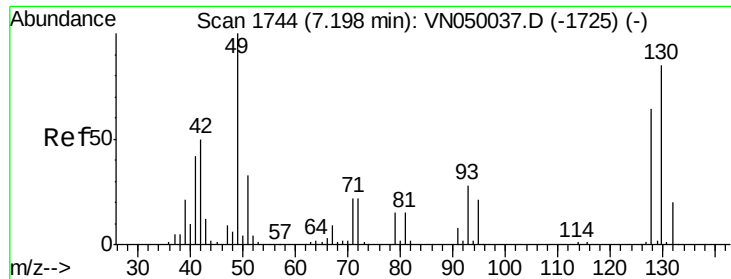
Instrument :
MSVOA_N
ClientSampleId :
TWP-02

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Quant Time: Aug 21 14:50:24 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 26 15:21:50 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VN050771.D

Acq: 20 Aug 2018 13:56

Instrument :

MSVOA_N

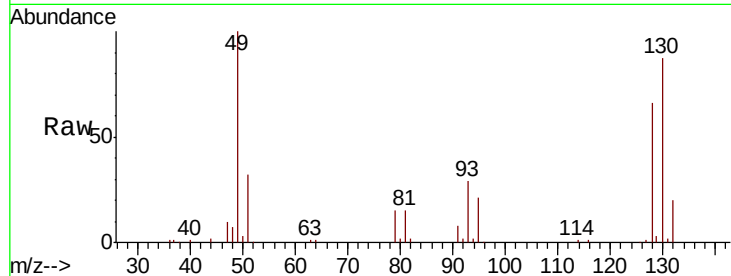
ClientSampleId :

TWP-02

Tot Ion:	128	Resp:	107942
Ion	Ratio	Lower	Upper
128	100		
49	151.0	0.0	378.3
130	129.1	0.0	320.7

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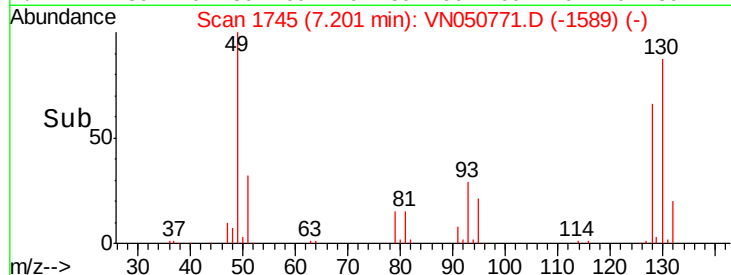


Abundance Ion 128.00 (127.70 to 128.70): VN050771.D (-1589) (-)

Ion 49.00 (48.70 to 49.70): VN050771.D (-1589) (-)

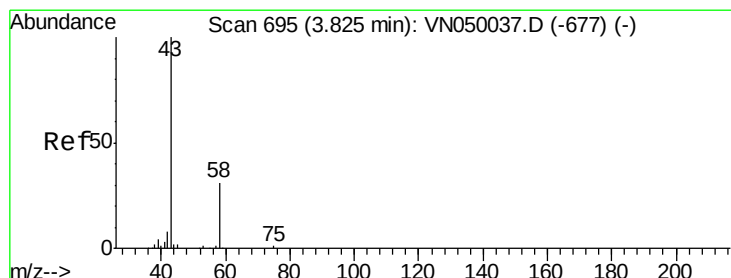
Ion 130.00 (129.70 to 130.70): VN050771.D (-1589) (-)

Time-->



7.20

Time-->



#15

Acetone

Concen: 15.06 ug/l

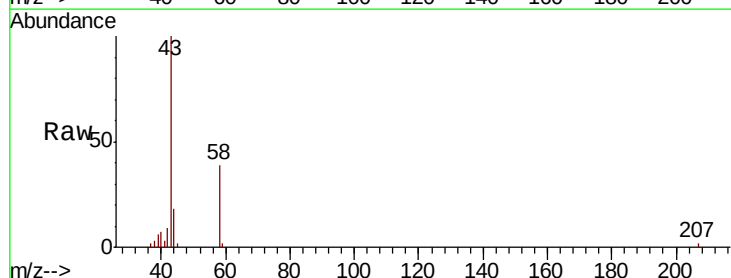
RT: 3.82 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN050771.D

Acq: 20 Aug 2018 13:56

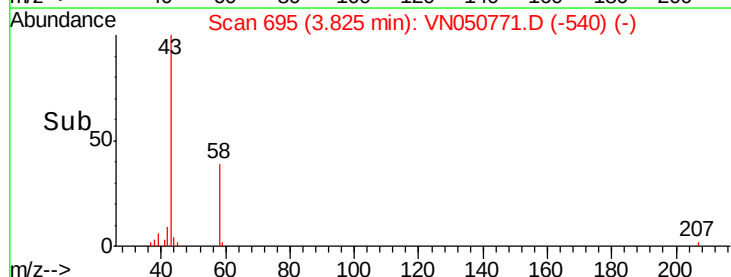
Tgt Ion:	58	Resp:	8806
Ion	Ratio	Lower	Upper
58	100		
43	242.8	252.0	378.0#



Abundance Ion 58.00 (57.70 to 58.70): VN050771.D (-540) (-)

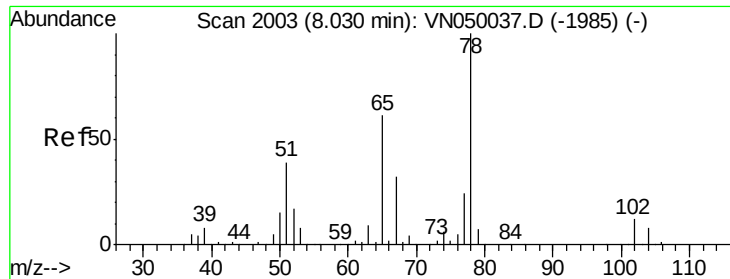
Ion 43.00 (42.70 to 43.70): VN050771.D (-540) (-)

Time-->



3.82

Time-->



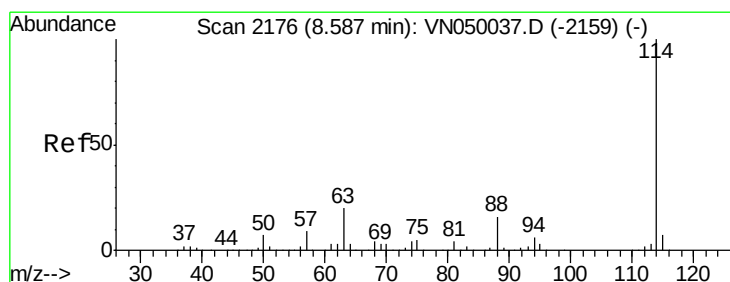
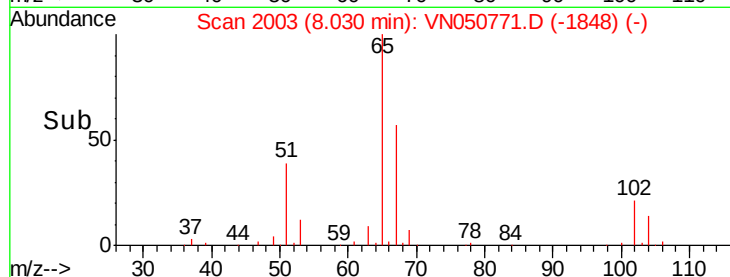
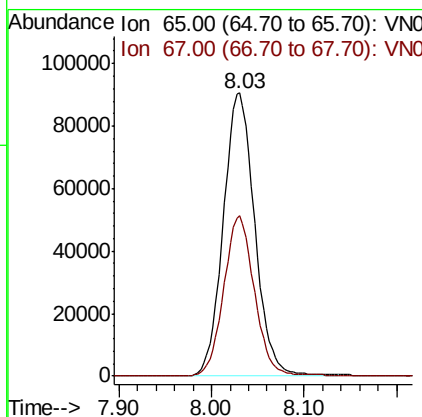
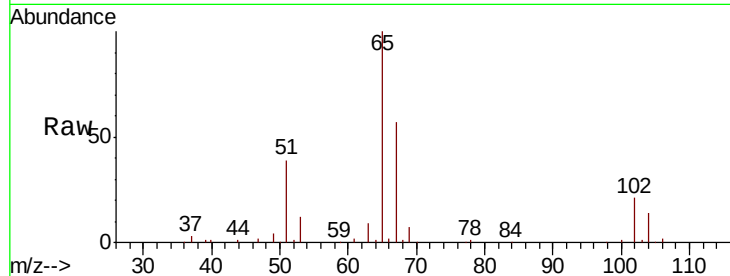
#27
 1,2-Dichloroethane-d4
 Concen: 29.11 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: VN050771.D
 Acq: 20 Aug 2018 13:56

Instrument :
 MSVOA_N
 ClientSampled :
 TWP-02

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.0	42.7	64.1

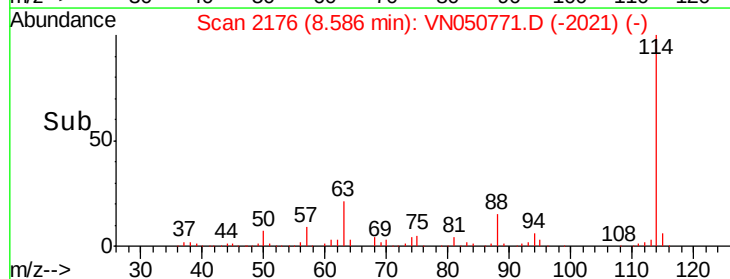
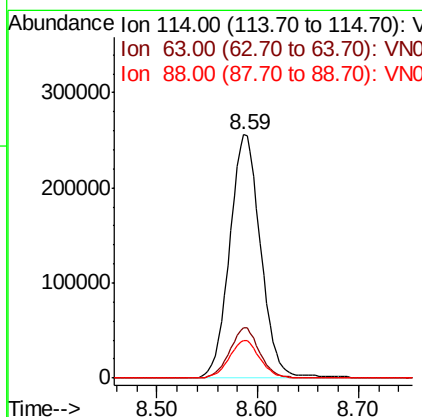
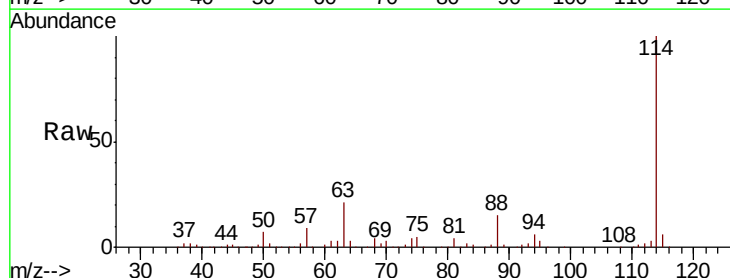
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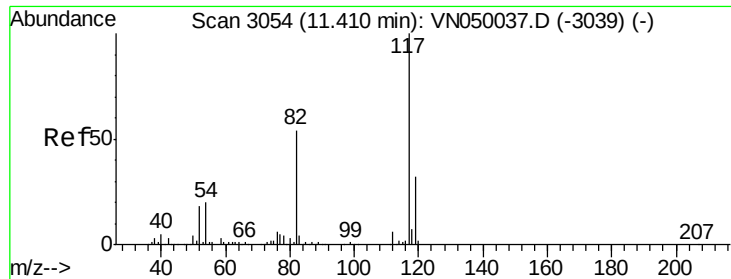
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#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050771.D
 Acq: 20 Aug 2018 13:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.2	24.2
88	15.2	12.3	18.5





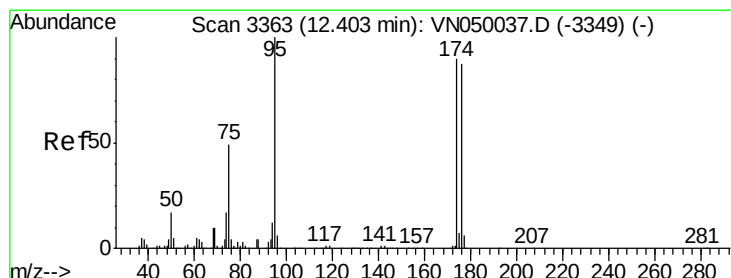
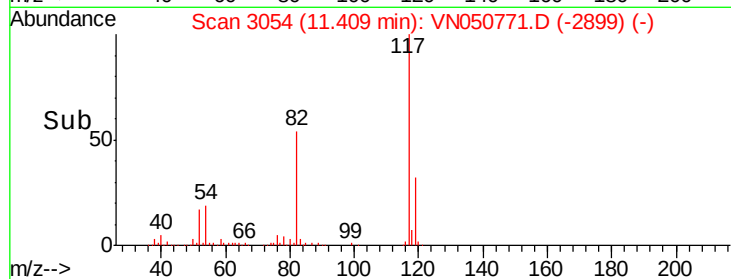
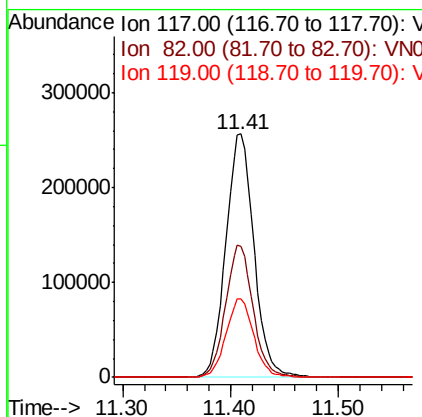
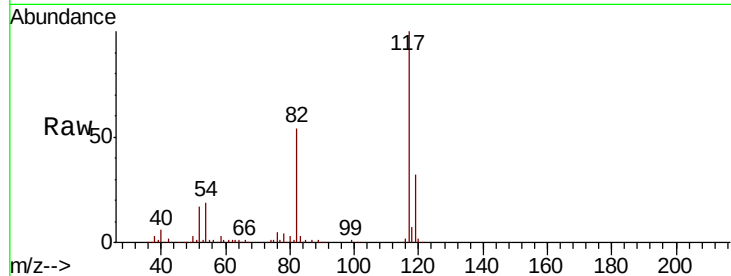
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050771.D
Acq: 20 Aug 2018 13:56

Instrument :
MSVOA_N
ClientSampleId :
TWP-02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	465497		
82	53.1	42.4	63.6	
119	32.0	25.4	38.0	

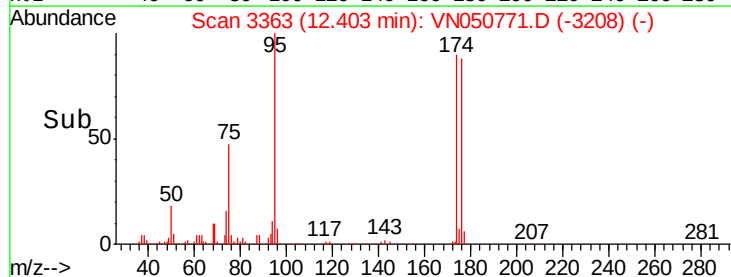
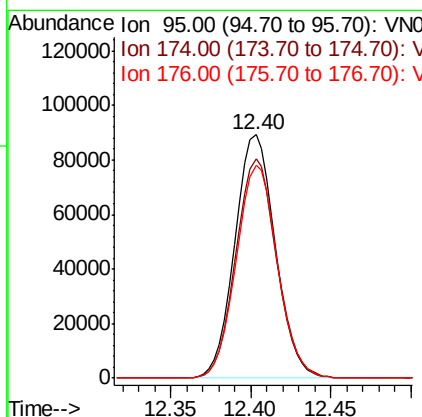
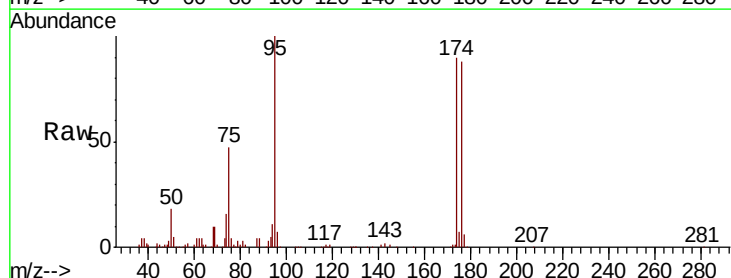
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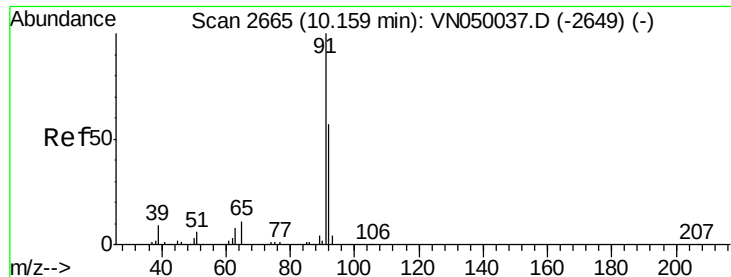
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#60
4-Bromofluorobenzene
Concen: 21.53 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN050771.D
Acq: 20 Aug 2018 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	153984		
174	91.1	72.3	108.5	
176	88.6	70.0	105.0	





#62

Toluene

Concen: 7.20 ug/l

RT: 10.16 min Scan# 2664

Delta R.T. -0.00 min

Lab File: VN050771.D

Acq: 20 Aug 2018 13:56

Instrument :

MSVOA_N

ClientSampleId :

TWP-02

Tot Ion: 91 Resp: 191333

Ion Ratio Lower Upper

91 100

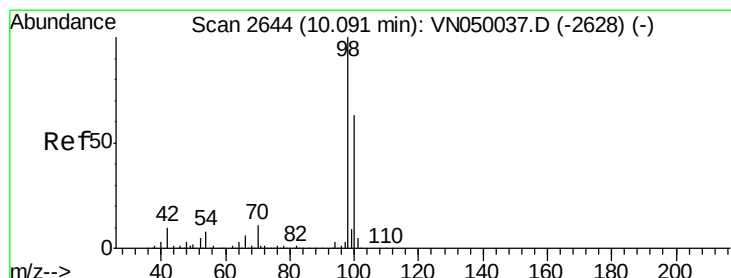
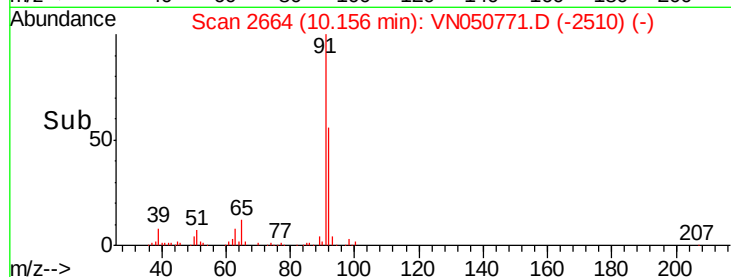
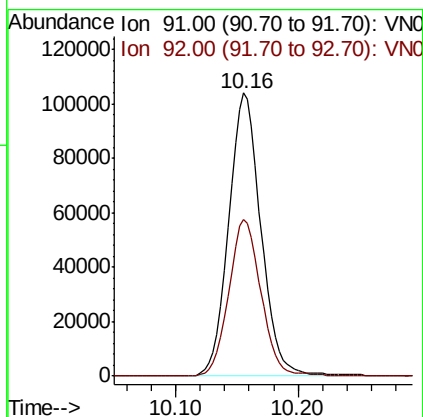
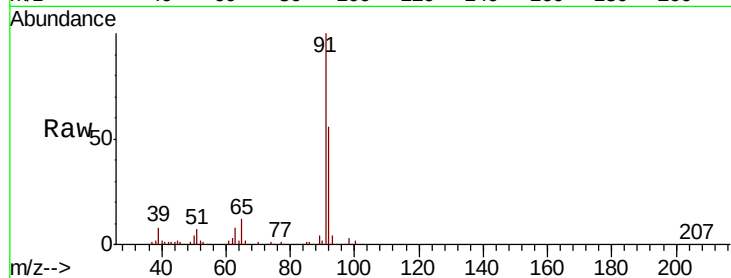
92 55.4 45.7 68.5

Manual Integrations

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#63

Toluene-d8

Concen: 29.17 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050771.D

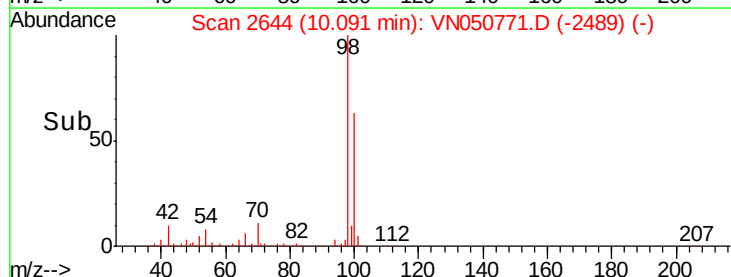
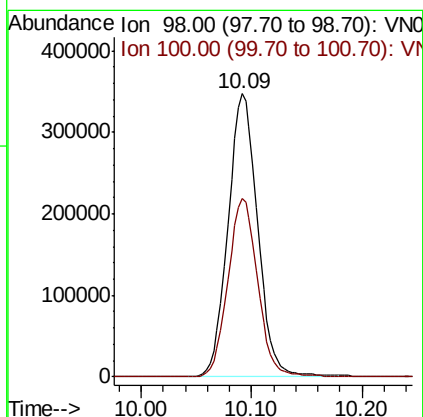
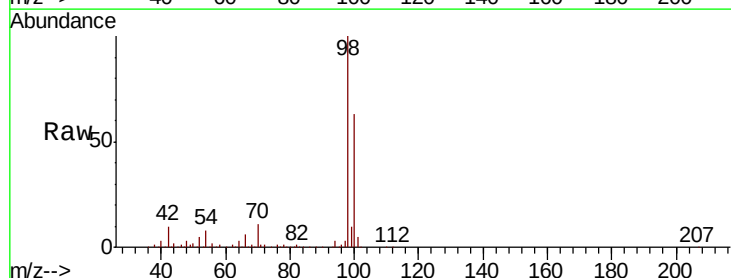
Acq: 20 Aug 2018 13:56

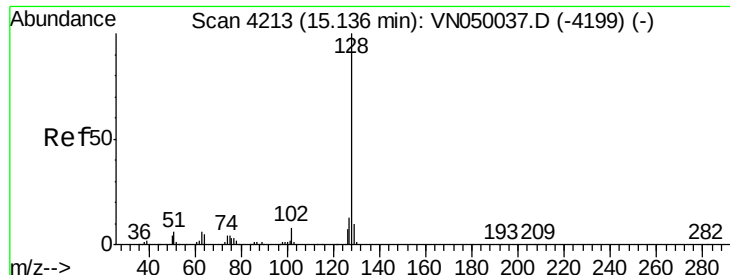
Tgt Ion: 98 Resp: 648480

Ion Ratio Lower Upper

98 100

100 63.2 51.2 76.8





#91
Naphthalene
Concen: 7.95 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. -0.00 min
Lab File: VN050771.D
Acq: 20 Aug 2018 13:56

Instrument :
MSVOA_N
ClientSampleId :
TWP-02

Tot Ion	Ratio	Lower	Upper
128	100		
127	7.6	10.2	15.4#
129	9.6	9.0	13.4

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