

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050044.D
 Acq On : 25 Jul 2018 13:24
 Operator : MD\SY
 Sample : J4146-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SES-CS-PH4-COA-01

Manual Integrations
 APPROVED

MMDadoda
 7/26/2018 3:54:17 PM

Quant Time: Jul 26 12:11:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 25 10:32:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	122508	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	631333	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	508019	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	257466	30.92	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.07%
60) 4-Bromofluorobenzene	12.41	95	172820	22.14	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	73.80%
63) Toluene-d8	10.09	98	721771	29.74	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.13%

Target Compounds	Ovalue

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

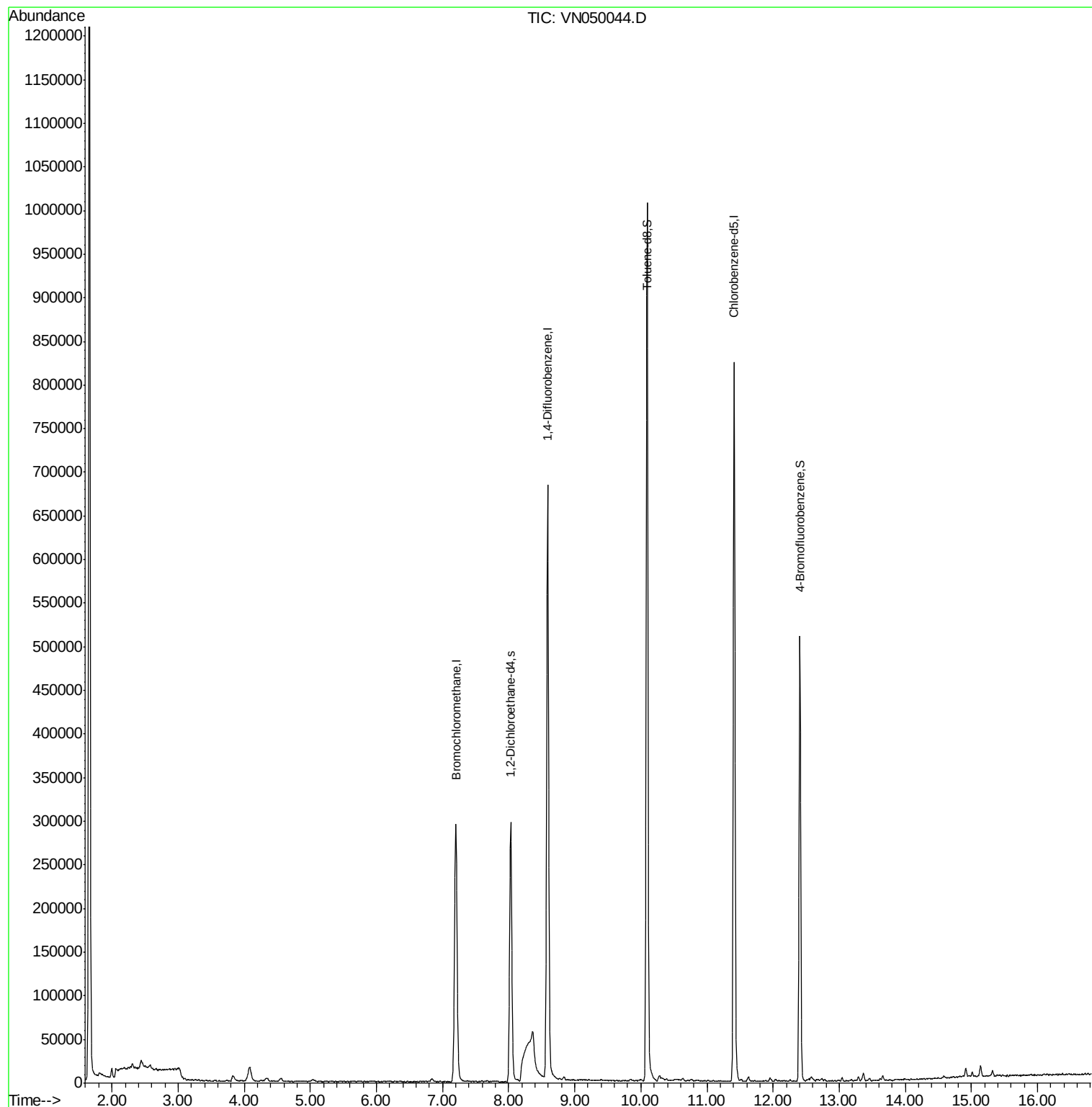
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072518\
Data File : VN050044.D
Acq On : 25 Jul 2018 13:24
Operator : MD\SY
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

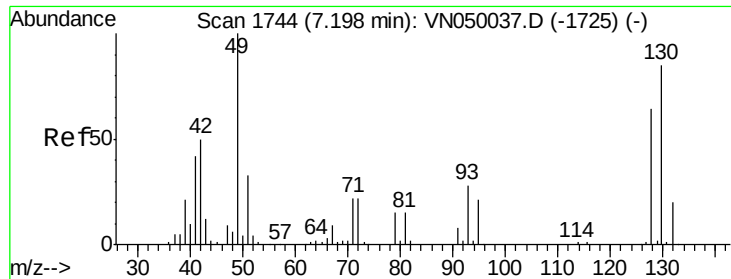
Instrument :
MSVOA_N
ClientSampleId :
SES-CS-PH4-COA-01

Manual Integrations
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Quant Time: Jul 26 12:11:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 25 10:32:46 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: VN050044.D

Acq: 25 Jul 2018 13:24

Instrument :

MSVOA_N

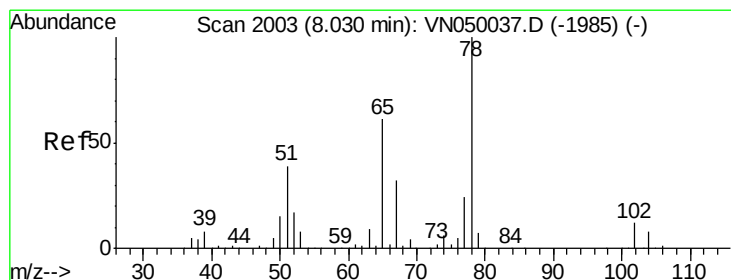
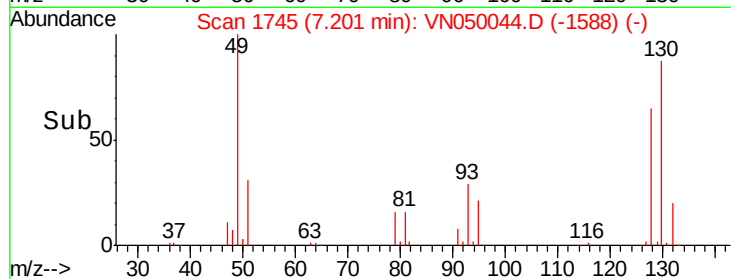
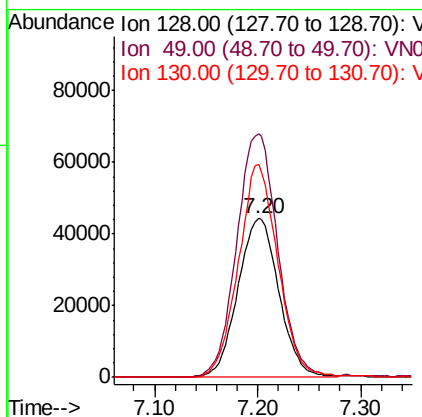
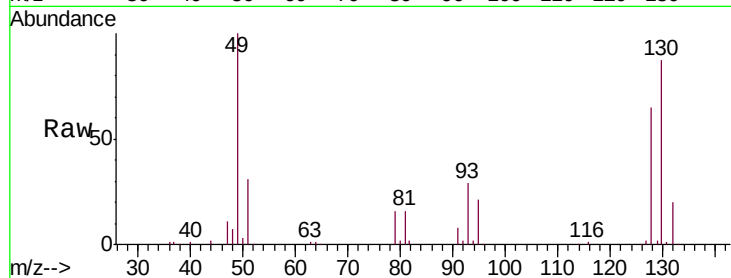
ClientSampleId :

SES-CS-PH4-COA-01

Tot Ion:	128	Resp:	122508
Ion	Ratio	Lower	Upper
128	100		
49	153.5	0.0	378.3
130	129.3	0.0	320.7

Manual Integrations
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#27

1,2-Dichloroethane-d4

Concen: 30.92 ug/l

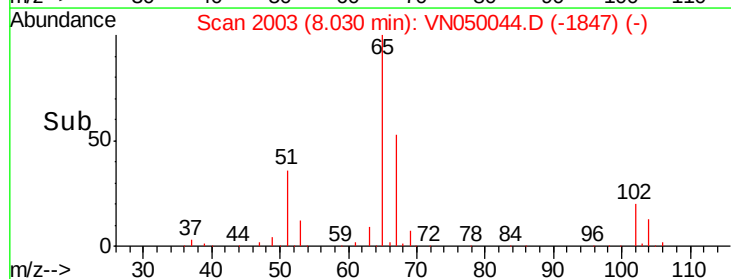
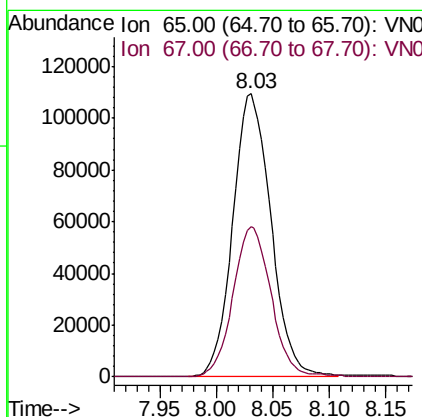
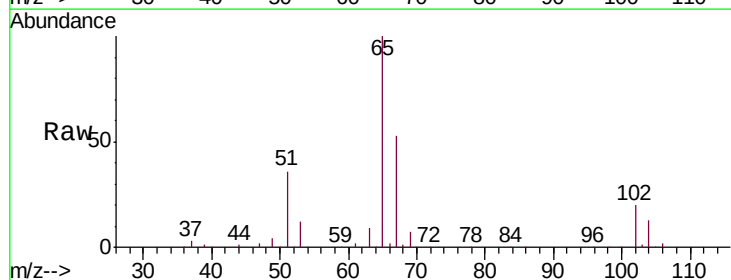
RT: 8.03 min Scan# 2003

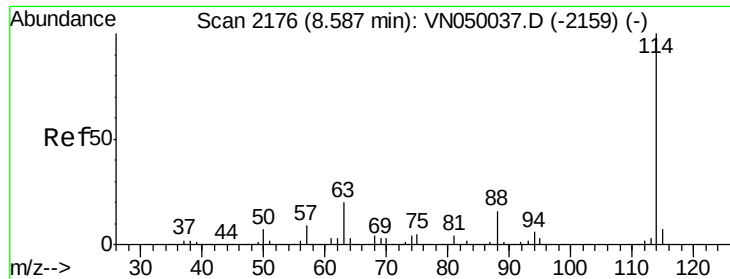
Delta R.T. 0.00 min

Lab File: VN050044.D

Acq: 25 Jul 2018 13:24

Tgt Ion:	65	Resp:	257466
Ion	Ratio	Lower	Upper
65	100		
67	53.0	42.7	64.1





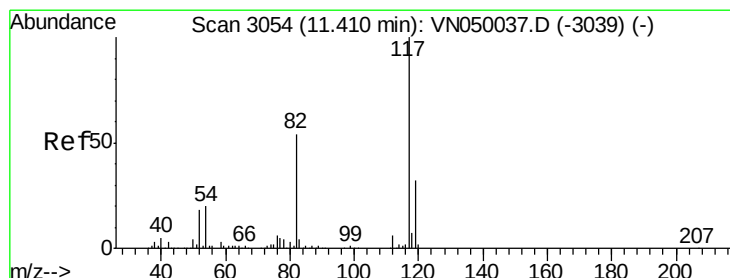
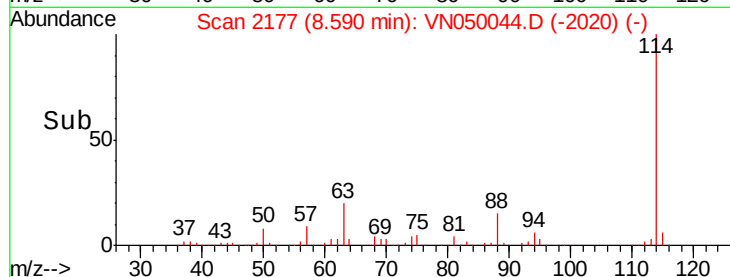
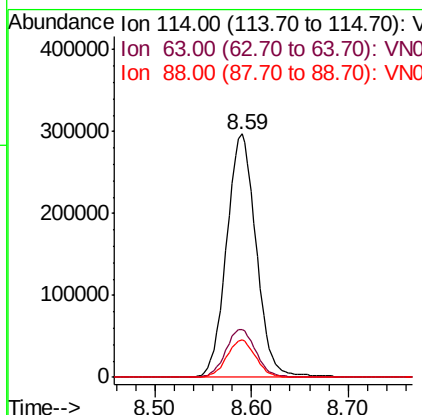
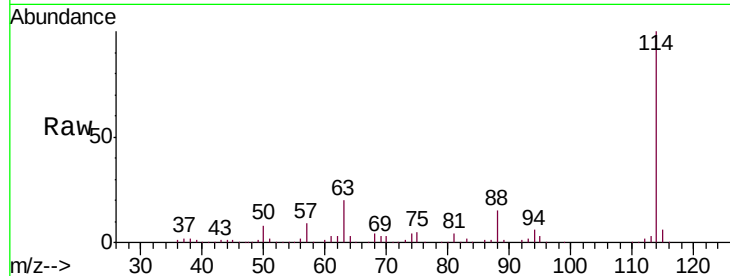
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050044.D
 Acq: 25 Jul 2018 13:24

Instrument :
 MSVOA_N
 ClientSampleId :
 SES-CS-PH4-COA-01

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.9	16.2	24.2
88	14.9	12.3	18.5

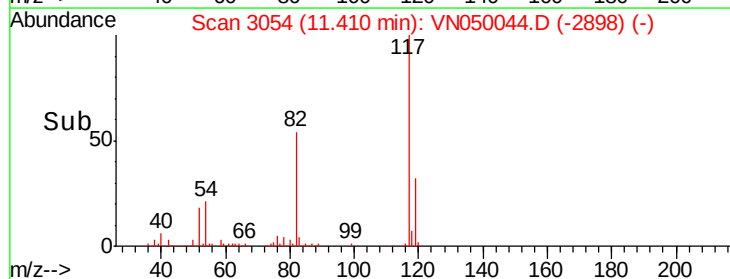
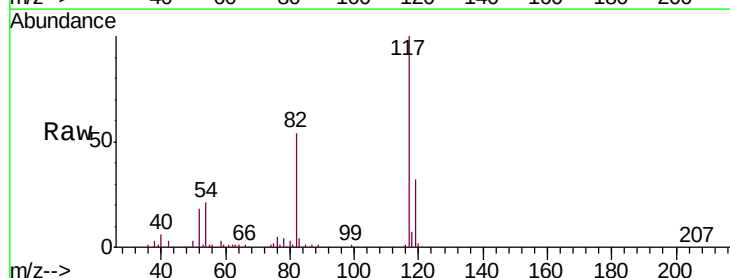
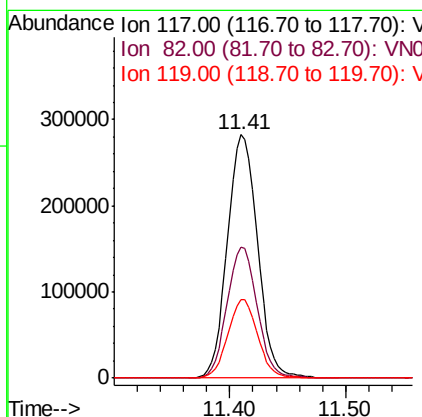
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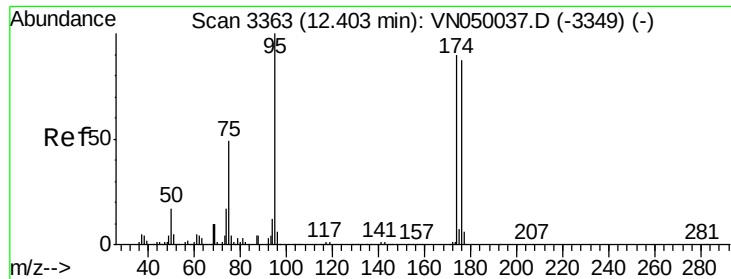
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#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 11.41 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VN050044.D
 Acq: 25 Jul 2018 13:24

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.4	63.6
119	32.1	25.4	38.0





#60

4-Bromofluorobenzene

Concen: 22.14 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN050044.D

Acq: 25 Jul 2018 13:24

Instrument :

MSVOA_N

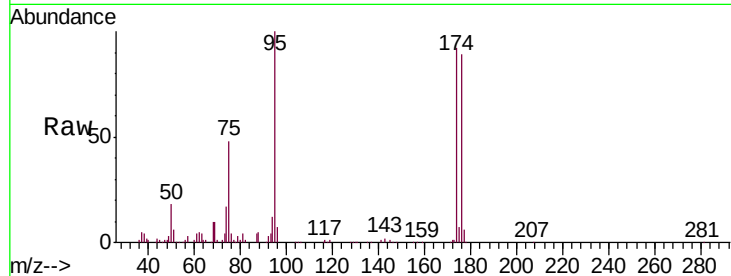
ClientSampleId :

SES-CS-PH4-COA-01

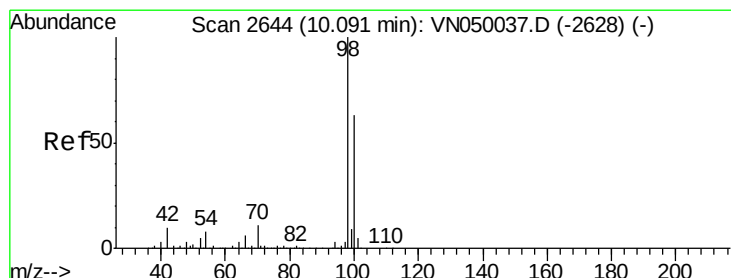
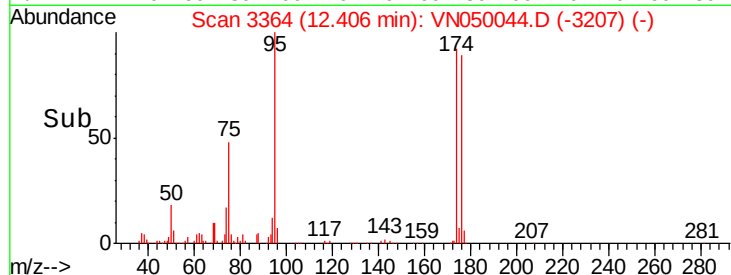
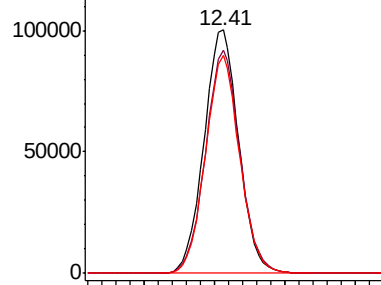
Tot Ion:	95	Resp:	172820
Ion	Ratio	Lower	Upper
95	100		
174	90.9	72.3	108.5
176	88.2	70.0	105.0

Manual Integrations
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Abundance Ion 95.00 (94.70 to 95.70): VN050037.D (-3349) (-)



#63

Toluene-d8

Concen: 29.74 ug/l

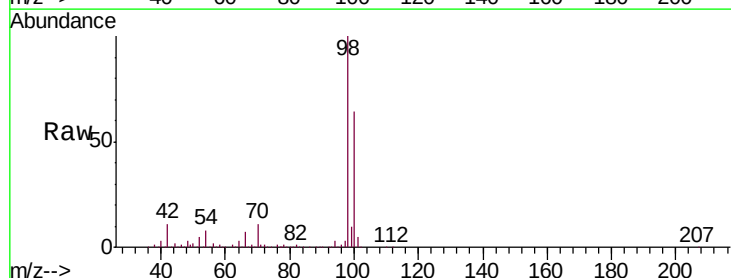
RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050044.D

Acq: 25 Jul 2018 13:24

Tgt Ion:	98	Resp:	721771
Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.2	76.8



Abundance Ion 98.00 (97.70 to 98.70): VN050037.D (-2628) (-)

